

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

[2. Summary of processed GOM_NL_2P products](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	22APR2013 20:55:03
Data source version	GOMOS/6.01
Start time of products	19-06-2007 (19JUN2007 00:00:00)
Stop time of products	20-06-2007 (20JUN2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	270
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__2PRFIN20070619_000922_000000362059_00102_27711_1003.N1	19-JUN-2007 00:09:22	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	27711	No
2	GOM_NL__2PRFIN20070619_001257_000000372059_00102_27711_1004.N1	19-JUN-2007 00:12:57	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	27711	No
3	GOM_NL__2PRFIN20070619_001732_000000342059_00102_27711_1005.N1	19-JUN-2007 00:17:32	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	27711	No
4	GOM_NL__2PRFIN20070619_002749_000000382059_00102_27711_1006.N1	19-JUN-2007 00:27:49	Bright	37.500	160	23Gam Per	2.9300	4700.0	75	27711	No
5	GOM_NL__2PRFIN20070619_004201_000000462059_00102_27711_1007.N1	19-JUN-2007 00:42:01	Dark	45.500	94	92Alp Cet	2.5260	3100.0	91	27711	No
6	GOM_NL__2PRFIN20070619_010000_000000432059_00102_27711_1008.N1	19-JUN-2007 01:00:00	Dark	43.000	9	Alp Eri	0.45300	24000.	86	27711	No
7	GOM_NL__2PRFIN20070619_010519_000000362059_00103_27712_1008.N1	19-JUN-2007 01:05:19	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	27712	No
8	GOM_NL__2PRFIN20070619_011619_000000412059_00103_27712_1009.N1	19-JUN-2007 01:16:19	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	27712	No
9	GOM_NL__2PRFIN20070619_011743_000000392059_00103_27712_1010.N1	19-JUN-2007 01:17:43	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	27712	No
10	GOM_NL__2PRFIN20070619_011928_000000432059_00103_27712_1011.N1	19-JUN-2007 01:19:28	Twilight	42.500	40	The Sco	1.8590	7100.0	85	27712	No
11	GOM_NL__2PRFIN20070619_012110_000000442059_00103_27712_1012.N1	19-JUN-2007 01:21:10	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	27712	No
12	GOM_NL__2PRFIN20070619_012235_000000422059_00103_27712_1013.N1	19-JUN-2007 01:22:35	Bright	41.500	75	26Eps Sco	2.2910	4250.0	83	27712	No
13	GOM_NL__2PRFIN20070619_012519_000000372059_00103_27712_1014.N1	19-JUN-2007 01:25:19	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27712	No
14	GOM_NL__2PRFIN20070619_012705_000000372059_00103_27712_1015.N1	19-JUN-2007 01:27:05	Bright	36.500	97	8Bet1Sco	2.5610	30000.	73	27712	No
15	GOM_NL__2PRFIN20070619_012924_000000372059_00103_27712_1016.N1	19-JUN-2007 01:29:24	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27712	No
16	GOM_NL__2PRFIN20070619_013130_000000362059_00103_27712_1017.N1	19-JUN-2007 01:31:30	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27712	No
17	GOM_NL__2PRFIN20070619_013434_000000352059_00103_27712_1018.N1	19-JUN-2007 01:34:34	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	27712	No
18	GOM_NL__2PRFIN20070619_013836_000000382059_00103_27712_1019.N1	19-JUN-2007 01:38:36	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	27712	No
19	GOM_NL__2PRFIN20070619_014015_000000372059_00103_27712_1020.N1	19-JUN-2007 01:40:15	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	27712	No
20	GOM_NL__2PRFIN20070619_014958_000000342059_00103_27712_1021.N1	19-JUN-2007 01:49:58	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	27712	No
21	GOM_NL__2PRFIN20070619_015333_000000322059_00103_27712_1022.N1	19-JUN-2007 01:53:33	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	27712	No
22	GOM_NL__2PRFIN20070619_015808_000000342059_00103_27712_1023.N1	19-JUN-2007 01:58:08	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	27712	No
23	GOM_NL__2PRFIN20070619_020825_000000332059_00103_27712_1024.N1	19-JUN-2007 02:08:25	Bright	33.000	160	23Gam Per	2.9300	4700.0	66	27712	No
24	GOM_NL__2PRFIN20070619_022238_000000422059_00103_27712_1025.N1	19-JUN-2007 02:22:38	Dark	41.500	94	92Alp Cet	2.5260	3100.0	83	27712	No
25	GOM_NL__2PRFIN20070619_024036_000000382059_00103_27712_1026.N1	19-JUN-2007 02:40:36	Dark	38.000	9	Alp Eri	0.45300	24000.	76	27712	No
26	GOM_NL__2PRFIN20070619_024555_000000372059_00104_27713_1017.N1	19-JUN-2007 02:45:55	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	27713	No
27	GOM_NL__2PRFIN20070619_025656_000000392059_00104_27713_1018.N1	19-JUN-2007 02:56:56	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	27713	No
28	GOM_NL__2PRFIN20070619_025819_000000382059_00104_27713_1019.N1	19-JUN-2007 02:58:19	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	27713	No
29	GOM_NL__2PRFIN20070619_030005_000000412059_00104_27713_1020.N1	19-JUN-2007 03:00:05	Twilight	40.500	40	The Sco	1.8590	7100.0	81	27713	No
30	GOM_NL__2PRFIN20070619_030147_000000412059_00104_27713_1021.N1	19-JUN-2007 03:01:47	Twilight	40.500	25	35Lam Sco	1.6200	28000.	81	27713	No
31	GOM_NL__2PRFIN20070619_030311_000000412059_00104_27713_1022.N1	19-JUN-2007 03:03:11	Bright	40.500	75	26Eps Sco	2.2910	4250.0	81	27713	No
32	GOM_NL__2PRFIN20070619_030555_000000372059_00104_27713_1023.N1	19-JUN-2007 03:05:55	Bright	37.000	156	20Sig Sco	2.9030	28000.	74	27713	No
33	GOM_NL__2PRFIN20070619_030741_000000362059_00104_27713_1024.N1	19-JUN-2007 03:07:41	Bright	36.000	97	8Bet1Sco	2.5610	30000.	72	27713	No
34	GOM_NL__2PRFIN20070619_031000_000000372059_00104_27713_1025.N1	19-JUN-2007 03:10:00	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27713	No
35	GOM_NL__2PRFIN20070619_031205_000000362059_00104_27713_1026.N1	19-JUN-2007 03:12:05	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27713	No
36	GOM_NL__2PRFIN20070619_031510_000000342059_00104_27713_1027.N1	19-JUN-2007 03:15:10	Bright	34.000	102	24Alp Ser	2.6000	4250.0	68	27713	No
37	GOM_NL__2PRFIN20070619_031912_000000362059_00104_27713_1028.N1	19-JUN-2007 03:19:12	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	27713	No
38	GOM_NL__2PRFIN20070619_032051_000000362059_00104_27713_1029.N1	19-JUN-2007 03:20:51	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	27713	No
39	GOM_NL__2PRFIN20070619_033034_000000352059_00104_27713_1030.N1	19-JUN-2007 03:30:34	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	27713	No
40	GOM_NL__2PRFIN20070619_033409_000000352059_00104_27713_1031.N1	19-JUN-2007 03:34:09	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	27713	No
41	GOM_NL__2PRFIN20070619_033843_000000322059_00104_27713_1032.N1	19-JUN-2007 03:38:43	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	27713	No
42	GOM_NL__2PRFIN20070619_034901_000000532059_00104_27713_1033.N1	19-JUN-2007 03:49:01	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27713	No

43	GOM_NL__2PRFIN20070619_040314_000000432059_00104_27713_1034.N1	19-JUN-2007 04:03:14	Dark	43.000	94	92Alp Cet	2.5260	3100.0	86	27713	No
44	GOM_NL__2PRFIN20070619_042113_000000482059_00104_27713_1035.N1	19-JUN-2007 04:21:13	Dark	48.000	9	Alp Eri	0.45300	24000.	96	27713	No
45	GOM_NL__2PRFIN20070619_042631_000000372059_00105_27714_1030.N1	19-JUN-2007 04:26:31	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	27714	No
46	GOM_NL__2PRFIN20070619_043732_000000402059_00105_27714_1031.N1	19-JUN-2007 04:37:32	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	27714	No
47	GOM_NL__2PRFIN20070619_043855_000000362059_00105_27714_1032.N1	19-JUN-2007 04:38:55	Straylight	36.000	147	Alp Ara	2.8770	26000.	72	27714	No
48	GOM_NL__2PRFIN20070619_044041_000000402059_00105_27714_1033.N1	19-JUN-2007 04:40:41	Tw_i_and_stray	39.500	40	The Sco	1.8590	7100.0	79	27714	No
49	GOM_NL__2PRFIN20070619_044223_000000422059_00105_27714_1034.N1	19-JUN-2007 04:42:23	Tw_i_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	27714	No
50	GOM_NL__2PRFIN20070619_044347_000000442059_00105_27714_1035.N1	19-JUN-2007 04:43:47	Bright	44.000	75	26Eps Sco	2.2910	4250.0	88	27714	No
51	GOM_NL__2PRFIN20070619_044632_000000372059_00105_27714_1036.N1	19-JUN-2007 04:46:32	Bright	37.000	156	20Sig Sco	2.9030	28000.	74	27714	No
52	GOM_NL__2PRFIN20070619_044817_000000372059_00105_27714_1037.N1	19-JUN-2007 04:48:17	Bright	36.500	97	8Bet1Sco	2.5610	30000.	73	27714	No
53	GOM_NL__2PRFIN20070619_045036_000000372059_00105_27714_1038.N1	19-JUN-2007 04:50:36	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27714	No
54	GOM_NL__2PRFIN20070619_045242_000000362059_00105_27714_1039.N1	19-JUN-2007 04:52:42	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27714	No
55	GOM_NL__2PRFIN20070619_045546_000000352059_00105_27714_1040.N1	19-JUN-2007 04:55:46	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	27714	No
56	GOM_NL__2PRFIN20070619_045948_000000362059_00105_27714_1041.N1	19-JUN-2007 04:59:48	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	27714	No
57	GOM_NL__2PRFIN20070619_050127_000000352059_00105_27714_1042.N1	19-JUN-2007 05:01:27	Bright	35.000	67	5Alp CrB	2.2210	11000.	70	27714	No
58	GOM_NL__2PRFIN20070619_051110_000000372059_00105_27714_1043.N1	19-JUN-2007 05:11:10	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27714	No
59	GOM_NL__2PRFIN20070619_051445_000000322059_00105_27714_1044.N1	19-JUN-2007 05:14:45	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	27714	No
60	GOM_NL__2PRFIN20070619_051919_000000342059_00105_27714_1045.N1	19-JUN-2007 05:19:19	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	27714	No
61	GOM_NL__2PRFIN20070619_052937_000000532059_00105_27714_1046.N1	19-JUN-2007 05:29:37	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27714	No
62	GOM_NL__2PRFIN20070619_054350_000000462059_00105_27714_1047.N1	19-JUN-2007 05:43:50	Dark	45.500	94	92Alp Cet	2.5260	3100.0	91	27714	No
63	GOM_NL__2PRFIN20070619_060149_000000462059_00105_27714_1048.N1	19-JUN-2007 06:01:49	Dark	46.000	9	Alp Eri	0.45300	24000.	92	27714	No
64	GOM_NL__2PRFIN20070619_060708_000000362059_00106_27715_1041.N1	19-JUN-2007 06:07:08	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	27715	No
65	GOM_NL__2PRFIN20070619_061808_000000412059_00106_27715_1042.N1	19-JUN-2007 06:18:08	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	27715	No
66	GOM_NL__2PRFIN20070619_061931_000000382059_00106_27715_1043.N1	19-JUN-2007 06:19:31	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27715	No
67	GOM_NL__2PRFIN20070619_062117_000000442059_00106_27715_1044.N1	19-JUN-2007 06:21:17	Tw_i_and_stray	44.000	40	The Sco	1.8590	7100.0	88	27715	No
68	GOM_NL__2PRFIN20070619_062259_000000422059_00106_27715_1045.N1	19-JUN-2007 06:22:59	Tw_i_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	27715	No
69	GOM_NL__2PRFIN20070619_062423_000000432059_00106_27715_1046.N1	19-JUN-2007 06:24:23	Bright	42.500	75	26Eps Sco	2.2910	4250.0	85	27715	No
70	GOM_NL__2PRFIN20070619_062708_000000362059_00106_27715_1047.N1	19-JUN-2007 06:27:08	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27715	No
71	GOM_NL__2PRFIN20070619_062854_000000362059_00106_27715_1048.N1	19-JUN-2007 06:28:54	Bright	36.000	97	8Bet1Sco	2.5610	30000.	72	27715	No
72	GOM_NL__2PRFIN20070619_063112_000000362059_00106_27715_1049.N1	19-JUN-2007 06:31:12	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	27715	No
73	GOM_NL__2PRFIN20070619_063318_000000362059_00106_27715_1050.N1	19-JUN-2007 06:33:18	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27715	No
74	GOM_NL__2PRFIN20070619_063622_000000352059_00106_27715_1051.N1	19-JUN-2007 06:36:22	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	27715	No
75	GOM_NL__2PRFIN20070619_064024_000000362059_00106_27715_1052.N1	19-JUN-2007 06:40:24	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	27715	No
76	GOM_NL__2PRFIN20070619_064203_000000362059_00106_27715_1053.N1	19-JUN-2007 06:42:03	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	27715	No
77	GOM_NL__2PRFIN20070619_065146_000000372059_00106_27715_1054.N1	19-JUN-2007 06:51:46	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27715	No
78	GOM_NL__2PRFIN20070619_065521_000000342059_00106_27715_1055.N1	19-JUN-2007 06:55:21	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	27715	No
79	GOM_NL__2PRFIN20070619_065955_000000352059_00106_27715_1056.N1	19-JUN-2007 06:59:55	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27715	No
80	GOM_NL__2PRFIN20070619_071013_000000352059_00106_27715_1057.N1	19-JUN-2007 07:10:13	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	27715	No
81	GOM_NL__2PRFIN20070619_072427_000000382059_00106_27715_1058.N1	19-JUN-2007 07:24:27	Dark	38.000	94	92Alp Cet	2.5260	3100.0	76	27715	No
82	GOM_NL__2PRFIN20070619_074225_000000472059_00106_27715_1059.N1	19-JUN-2007 07:42:25	Dark	46.500	9	Alp Eri	0.45300	24000.	93	27715	No
83	GOM_NL__2PRFIN20070619_074744_000000372059_00107_27716_1096.N1	19-JUN-2007 07:47:44	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	27716	No
84	GOM_NL__2PRFIN20070619_075844_000000462059_00107_27716_1097.N1	19-JUN-2007 07:58:44	Straylight	46.000	141	Bet Ara	2.8400	4600.0	92	27716	No
85	GOM_NL__2PRFIN20070619_080008_000000382059_00107_27716_1098.N1	19-JUN-2007 08:00:08	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	27716	No
86	GOM_NL__2PRFIN20070619_080153_000000432059_00107_27716_1099.N1	19-JUN-2007 08:01:53	Tw_i_and_stray	42.500	40	The Sco	1.8590	7100.0	85	27716	No
87	GOM_NL__2PRFIN20070619_080335_000000442059_00107_27716_1100.N1	19-JUN-2007 08:03:35	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	27716	No
88	GOM_NL__2PRFIN20070619_080459_000000432059_00107_27716_1101.N1	19-JUN-2007 08:04:59	Bright	43.000	75	26Eps Sco	2.2910	4250.0	86	27716	No
89	GOM_NL__2PRFIN20070619_080744_000000372059_00107_27716_1102.N1	19-JUN-2007 08:07:44	Bright	37.000	156	20Sig Sco	2.9030	28000.	74	27716	No
90	GOM_NL__2PRFIN20070619_080930_000000362059_00107_27716_1103.N1	19-JUN-2007 08:09:30	Bright	36.000	97	8Bet1Sco	2.5610	30000.	72	27716	No
91	GOM_NL__2PRFIN20070619_081148_000000372059_00107_27716_1104.N1	19-JUN-2007 08:11:48	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	27716	No
92	GOM_NL__2PRFIN20070619_081354_000000352059_00107_27716_1105.N1	19-JUN-2007 08:13:54	Bright	35.000	120	1Del Oph	2.7340	3200.0	70	27716	No
93	GOM_NL__2PRFIN20070619_081658_000000362059_00107_27716_1106.N1	19-JUN-2007 08:16:58	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	27716	No
94	GOM_NL__2PRFIN20070619_082100_000000362059_00107_27716_1107.N1	19-JUN-2007 08:21:00	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	27716	No
95	GOM_NL__2PRFIN20070619_082239_000000352059_00107_27716_1108.N1	19-JUN-2007 08:22:39	Bright	34.500	67	5Alp CrB	2.2210	11000.	69	27716	No
96	GOM_NL__2PRFIN20070619_083222_000000362059_00107_27716_1109.N1	19-JUN-2007 08:32:22	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	27716	No
97	GOM_NL__2PRFIN20070619_083557_000000372059_00107_27716_1110.N1	19-JUN-2007 08:35:57	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27716	No
98	GOM_NL__2PRFIN20070619_084031_000000352059_00107_27716_1111.N1	19-JUN-2007 08:40:31	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	27716	No
99	GOM_NL__2PRFIN20070619_085049_000000532059_00107_27716_1112.N1	19-JUN-2007 08:50:49	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27716	No
100	GOM_NL__2PRFIN20070619_090503_000000382059_00107_27716_1113.N1	19-JUN-2007 09:05:03	Dark	38.000	94	92Alp Cet	2.5260	3100.0	76	27716	No
101	GOM_NL__2PRFIN20070619_092302_000000442059_00107_27716_1114.N1	19-JUN-2007 09:23:02	Dark	44.000	9	Alp Eri	0.45300	24000.	88	27716	No

102	GOM_NL__2PRFIN20070619_092820_000000362059_00108_27717_1123.N1	19-JUN-2007 09:28:20	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	27717	No
103	GOM_NL__2PRFIN20070619_093920_000000402059_00108_27717_1124.N1	19-JUN-2007 09:39:20	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	27717	No
104	GOM_NL__2PRFIN20070619_094044_000000382059_00108_27717_1125.N1	19-JUN-2007 09:40:44	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	27717	No
105	GOM_NL__2PRFIN20070619_094230_000000412059_00108_27717_1126.N1	19-JUN-2007 09:42:30	Twi_and_stray	40.500	40	The Sco	1.8590	7100.0	81	27717	No
106	GOM_NL__2PRFIN20070619_094412_000000422059_00108_27717_1127.N1	19-JUN-2007 09:44:12	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	27717	No
107	GOM_NL__2PRFIN20070619_094535_000000402059_00108_27717_1128.N1	19-JUN-2007 09:45:35	Bright	39.500	75	26Eps Sco	2.2910	4250.0	79	27717	No
108	GOM_NL__2PRFIN20070619_094820_000000362059_00108_27717_1129.N1	19-JUN-2007 09:48:20	Bright	36.000	156	20Sig Sco	2.9030	28000.	72	27717	No
109	GOM_NL__2PRFIN20070619_095006_000000362059_00108_27717_1130.N1	19-JUN-2007 09:50:06	Bright	35.500	97	8Bet1Sco	2.5610	30000.	71	27717	No
110	GOM_NL__2PRFIN20070619_095224_000000372059_00108_27717_1131.N1	19-JUN-2007 09:52:24	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27717	No
111	GOM_NL__2PRFIN20070619_095430_000000352059_00108_27717_1132.N1	19-JUN-2007 09:54:30	Bright	35.000	120	1Del Oph	2.7340	3200.0	70	27717	No
112	GOM_NL__2PRFIN20070619_095734_000000372059_00108_27717_1133.N1	19-JUN-2007 09:57:34	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	27717	No
113	GOM_NL__2PRFIN20070619_100135_000000382059_00108_27717_1134.N1	19-JUN-2007 10:01:35	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	27717	No
114	GOM_NL__2PRFIN20070619_100315_000000372059_00108_27717_1135.N1	19-JUN-2007 10:03:15	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	27717	No
115	GOM_NL__2PRFIN20070619_101258_000000362059_00108_27717_1136.N1	19-JUN-2007 10:12:58	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	27717	No
116	GOM_NL__2PRFIN20070619_101633_000000362059_00108_27717_1137.N1	19-JUN-2007 10:16:33	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	27717	No
117	GOM_NL__2PRFIN20070619_102107_000000362059_00108_27717_1138.N1	19-JUN-2007 10:21:07	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27717	No
118	GOM_NL__2PRFIN20070619_103125_000000532059_00108_27717_1139.N1	19-JUN-2007 10:31:25	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27717	No
119	GOM_NL__2PRFIN20070619_104539_000000422059_00108_27717_1140.N1	19-JUN-2007 10:45:39	Dark	42.000	94	92Alp Cet	2.5260	3100.0	84	27717	No
120	GOM_NL__2PRFIN20070619_110338_000000482059_00108_27717_1141.N1	19-JUN-2007 11:03:38	Dark	48.000	9	Alp Eri	0.45300	24000.	96	27717	No
121	GOM_NL__2PRFIN20070619_110856_000000362059_00109_27718_1149.N1	19-JUN-2007 11:08:56	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	27718	No
122	GOM_NL__2PRFIN20070619_111957_000000392059_00109_27718_1150.N1	19-JUN-2007 11:19:57	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	27718	No
123	GOM_NL__2PRFIN20070619_112120_000000372059_00109_27718_1151.N1	19-JUN-2007 11:21:20	Straylight	37.000	147	Alp Ara	2.8770	26000.	74	27718	No
124	GOM_NL__2PRFIN20070619_112306_000000442059_00109_27718_1152.N1	19-JUN-2007 11:23:06	Twi_and_stray	44.000	40	The Sco	1.8590	7100.0	88	27718	No
125	GOM_NL__2PRFIN20070619_112448_000000422059_00109_27718_1153.N1	19-JUN-2007 11:24:48	Twi_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	27718	No
126	GOM_NL__2PRFIN20070619_112612_000000462059_00109_27718_1154.N1	19-JUN-2007 11:26:12	Bright	46.000	75	26Eps Sco	2.2910	4250.0	92	27718	No
127	GOM_NL__2PRFIN20070619_112856_000000362059_00109_27718_1155.N1	19-JUN-2007 11:28:56	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27718	No
128	GOM_NL__2PRFIN20070619_113116_000000262059_00109_27718_1156.N1	19-JUN-2007 11:31:16	Twi_and_stray	26.000	86	35Eta Oph	2.4300	10200.	52	27718	No
129	GOM_NL__2PRFIN20070619_113300_000000372059_00109_27718_1157.N1	19-JUN-2007 11:33:00	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	27718	No
130	GOM_NL__2PRFIN20070619_113506_000000352059_00109_27718_1158.N1	19-JUN-2007 11:35:06	Bright	35.000	120	1Del Oph	2.7340	3200.0	70	27718	No
131	GOM_NL__2PRFIN20070619_113810_000000372059_00109_27718_1159.N1	19-JUN-2007 11:38:10	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	27718	No
132	GOM_NL__2PRFIN20070619_114211_000000372059_00109_27718_1160.N1	19-JUN-2007 11:42:11	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27718	No
133	GOM_NL__2PRFIN20070619_114351_000000362059_00109_27718_1161.N1	19-JUN-2007 11:43:51	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	27718	No
134	GOM_NL__2PRFIN20070619_115333_000000372059_00109_27718_1162.N1	19-JUN-2007 11:53:33	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27718	No
135	GOM_NL__2PRFIN20070619_115709_000000372059_00109_27718_1163.N1	19-JUN-2007 11:57:09	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27718	No
136	GOM_NL__2PRFIN20070619_120143_000000362059_00109_27718_1164.N1	19-JUN-2007 12:01:43	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27718	No
137	GOM_NL__2PRFIN20070619_121201_000000342059_00109_27718_1165.N1	19-JUN-2007 12:12:01	Bright	33.500	160	23Gam Per	2.9300	4700.0	67	27718	No
138	GOM_NL__2PRFIN20070619_122615_000000462059_00109_27718_1166.N1	19-JUN-2007 12:26:15	Dark	45.500	94	92Alp Cet	2.5260	3100.0	91	27718	No
139	GOM_NL__2PRFIN20070619_124414_000000462059_00109_27718_1167.N1	19-JUN-2007 12:44:14	Dark	46.000	9	Alp Eri	0.45300	24000.	92	27718	No
140	GOM_NL__2PRFIN20070619_124932_000000362059_00110_27719_1172.N1	19-JUN-2007 12:49:32	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	27719	No
141	GOM_NL__2PRFIN20070619_130033_000000372059_00110_27719_1173.N1	19-JUN-2007 13:00:33	Straylight	36.500	141	Bet Ara	2.8400	4600.0	73	27719	No
142	GOM_NL__2PRFIN20070619_130156_000000392059_00110_27719_1174.N1	19-JUN-2007 13:01:56	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	27719	No
143	GOM_NL__2PRFIN20070619_130342_000000422059_00110_27719_1175.N1	19-JUN-2007 13:03:42	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	27719	No
144	GOM_NL__2PRFIN20070619_130524_000000402059_00110_27719_1176.N1	19-JUN-2007 13:05:24	Twi_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	27719	No
145	GOM_NL__2PRFIN20070619_130648_000000432059_00110_27719_1177.N1	19-JUN-2007 13:06:48	Bright	43.000	75	26Eps Sco	2.2910	4250.0	86	27719	No
146	GOM_NL__2PRFIN20070619_130932_000000362059_00110_27719_1178.N1	19-JUN-2007 13:09:32	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27719	No
147	GOM_NL__2PRFIN20070619_131152_000000262059_00110_27719_1179.N1	19-JUN-2007 13:11:52	Twi_and_stray	26.000	86	35Eta Oph	2.4300	10200.	52	27719	No
148	GOM_NL__2PRFIN20070619_131336_000000362059_00110_27719_1180.N1	19-JUN-2007 13:13:36	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27719	No
149	GOM_NL__2PRFIN20070619_131542_000000362059_00110_27719_1181.N1	19-JUN-2007 13:15:42	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	27719	No
150	GOM_NL__2PRFIN20070619_131846_000000372059_00110_27719_1182.N1	19-JUN-2007 13:18:46	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	27719	No
151	GOM_NL__2PRFIN20070619_132247_000000352059_00110_27719_1183.N1	19-JUN-2007 13:22:47	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	27719	No
152	GOM_NL__2PRFIN20070619_132427_000000342059_00110_27719_1184.N1	19-JUN-2007 13:24:27	Bright	34.000	67	5Alp CrB	2.2210	11000.	68	27719	No
153	GOM_NL__2PRFIN20070619_133409_000000372059_00110_27719_1185.N1	19-JUN-2007 13:34:09	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27719	No
154	GOM_NL__2PRFIN20070619_133745_000000372059_00110_27719_1186.N1	19-JUN-2007 13:37:45	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27719	No
155	GOM_NL__2PRFIN20070619_134219_000000332059_00110_27719_1187.N1	19-JUN-2007 13:42:19	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	27719	No
156	GOM_NL__2PRFIN20070619_135237_000000332059_00110_27719_1188.N1	19-JUN-2007 13:52:37	Bright	33.000	160	23Gam Per	2.9300	4700.0	66	27719	No
157	GOM_NL__2PRFIN20070619_140651_000000452059_00110_27719_1189.N1	19-JUN-2007 14:06:51	Dark	44.500	94	92Alp Cet	2.5260	3100.0	89	27719	No
158	GOM_NL__2PRFIN20070619_142451_000000442059_00110_27719_1190.N1	19-JUN-2007 14:24:51	Dark	43.500	9	Alp Eri	0.45300	24000.	87	27719	No
159	GOM_NL__2PRFIN20070619_143008_000000372059_00111_27720_1218.N1	19-JUN-2007 14:30:08	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	27720	No
160	GOM_NL__2PRFIN20070619_144109_000000382059_00111_27720_1219.N1	19-JUN-2007 14:41:09	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	27720	No

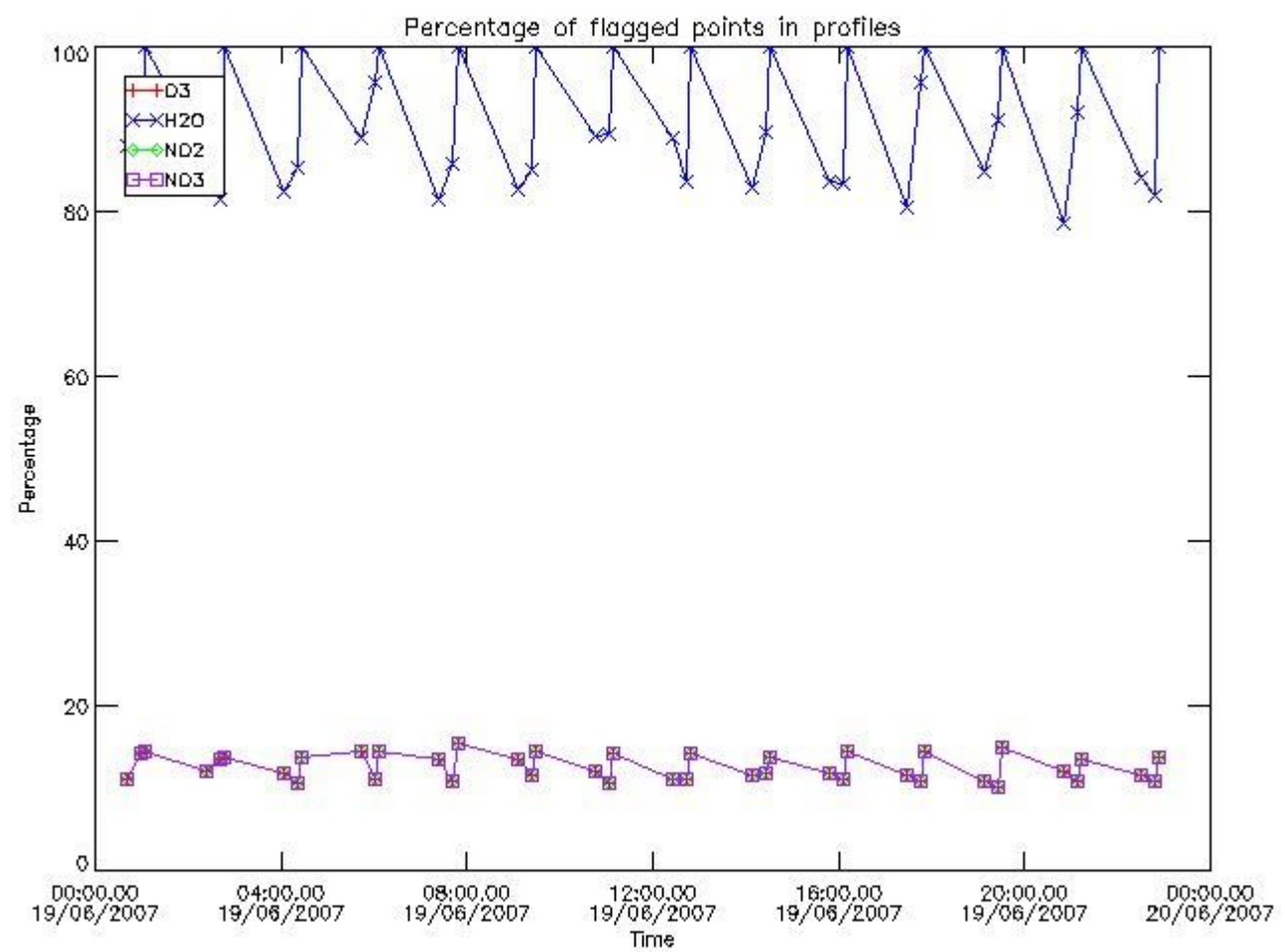
161	GOM_NL__2PRFIN20070619_144232_000000382059_00111_27720_1220.N1	19-JUN-2007 14:42:32	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27720	No
162	GOM_NL__2PRFIN20070619_144418_000000392059_00111_27720_1221.N1	19-JUN-2007 14:44:18	Tw_i_and_stray	39.000	40	The Sco	1.8590	7100.0	78	27720	No
163	GOM_NL__2PRFIN20070619_144600_000000432059_00111_27720_1222.N1	19-JUN-2007 14:46:00	Tw_i_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	27720	No
164	GOM_NL__2PRFIN20070619_144724_000000392059_00111_27720_1223.N1	19-JUN-2007 14:47:24	Bright	38.500	75	26Eps Sco	2.2910	4250.0	77	27720	No
165	GOM_NL__2PRFIN20070619_145008_000000372059_00111_27720_1224.N1	19-JUN-2007 14:50:08	Bright	37.000	156	20Sig Sco	2.9030	28000.	74	27720	No
166	GOM_NL__2PRFIN20070619_145228_000000372059_00111_27720_1225.N1	19-JUN-2007 14:52:28	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27720	No
167	GOM_NL__2PRFIN20070619_145412_000000362059_00111_27720_1226.N1	19-JUN-2007 14:54:12	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27720	No
168	GOM_NL__2PRFIN20070619_145618_000000362059_00111_27720_1227.N1	19-JUN-2007 14:56:18	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27720	No
169	GOM_NL__2PRFIN20070619_145922_000000352059_00111_27720_1228.N1	19-JUN-2007 14:59:22	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	27720	No
170	GOM_NL__2PRFIN20070619_150323_000000362059_00111_27720_1229.N1	19-JUN-2007 15:03:23	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	27720	No
171	GOM_NL__2PRFIN20070619_150504_000000372059_00111_27720_1230.N1	19-JUN-2007 15:05:04	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	27720	No
172	GOM_NL__2PRFIN20070619_151445_000000362059_00111_27720_1231.N1	19-JUN-2007 15:14:45	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	27720	No
173	GOM_NL__2PRFIN20070619_151821_000000362059_00111_27720_1232.N1	19-JUN-2007 15:18:21	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	27720	No
174	GOM_NL__2PRFIN20070619_152255_000000362059_00111_27720_1233.N1	19-JUN-2007 15:22:55	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27720	No
175	GOM_NL__2PRFIN20070619_153313_000000532059_00111_27720_1234.N1	19-JUN-2007 15:33:13	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27720	No
176	GOM_NL__2PRFIN20070619_154727_000000432059_00111_27720_1235.N1	19-JUN-2007 15:47:27	Dark	43.000	94	92Alp Cet	2.5260	3100.0	86	27720	No
177	GOM_NL__2PRFIN20070619_160527_000000462059_00111_27720_1236.N1	19-JUN-2007 16:05:27	Dark	45.500	9	Alp Eri	0.45300	24000.	91	27720	No
178	GOM_NL__2PRFIN20070619_161044_000000362059_00112_27721_1229.N1	19-JUN-2007 16:10:44	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	27721	No
179	GOM_NL__2PRFIN20070619_162145_000000392059_00112_27721_1230.N1	19-JUN-2007 16:21:45	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	27721	No
180	GOM_NL__2PRFIN20070619_162309_000000382059_00112_27721_1231.N1	19-JUN-2007 16:23:09	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27721	No
181	GOM_NL__2PRFIN20070619_162454_000000442059_00112_27721_1232.N1	19-JUN-2007 16:24:54	Tw_i_and_stray	43.500	40	The Sco	1.8590	7100.0	87	27721	No
182	GOM_NL__2PRFIN20070619_162636_000000402059_00112_27721_1233.N1	19-JUN-2007 16:26:36	Tw_i_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	27721	No
183	GOM_NL__2PRFIN20070619_162800_000000412059_00112_27721_1234.N1	19-JUN-2007 16:28:00	Bright	41.000	75	26Eps Sco	2.2910	4250.0	82	27721	No
184	GOM_NL__2PRFIN20070619_163044_000000362059_00112_27721_1235.N1	19-JUN-2007 16:30:44	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27721	No
185	GOM_NL__2PRFIN20070619_163304_000000372059_00112_27721_1236.N1	19-JUN-2007 16:33:04	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27721	No
186	GOM_NL__2PRFIN20070619_163448_000000372059_00112_27721_1237.N1	19-JUN-2007 16:34:48	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27721	No
187	GOM_NL__2PRFIN20070619_163654_000000362059_00112_27721_1238.N1	19-JUN-2007 16:36:54	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27721	No
188	GOM_NL__2PRFIN20070619_163959_000000352059_00112_27721_1239.N1	19-JUN-2007 16:39:59	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	27721	No
189	GOM_NL__2PRFIN20070619_164359_000000372059_00112_27721_1240.N1	19-JUN-2007 16:43:59	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27721	No
190	GOM_NL__2PRFIN20070619_164540_000000342059_00112_27721_1241.N1	19-JUN-2007 16:45:40	Bright	34.000	67	5Alp CrB	2.2210	11000.	68	27721	No
191	GOM_NL__2PRFIN20070619_165521_000000372059_00112_27721_1242.N1	19-JUN-2007 16:55:21	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	27721	No
192	GOM_NL__2PRFIN20070619_165857_000000372059_00112_27721_1243.N1	19-JUN-2007 16:58:57	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27721	No
193	GOM_NL__2PRFIN20070619_170331_000000362059_00112_27721_1244.N1	19-JUN-2007 17:03:31	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27721	No
194	GOM_NL__2PRFIN20070619_171349_000000532059_00112_27721_1245.N1	19-JUN-2007 17:13:49	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27721	No
195	GOM_NL__2PRFIN20070619_172804_000000442059_00112_27721_1246.N1	19-JUN-2007 17:28:04	Dark	44.000	94	92Alp Cet	2.5260	3100.0	88	27721	No
196	GOM_NL__2PRFIN20070619_174603_000000472059_00112_27721_1247.N1	19-JUN-2007 17:46:03	Dark	46.500	9	Alp Eri	0.45300	24000.	93	27721	No
197	GOM_NL__2PRFIN20070619_175121_000000362059_00113_27722_1245.N1	19-JUN-2007 17:51:21	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	27722	No
198	GOM_NL__2PRFIN20070619_180221_000000462059_00113_27722_1246.N1	19-JUN-2007 18:02:21	Straylight	45.500	141	Bet Ara	2.8400	4600.0	91	27722	No
199	GOM_NL__2PRFIN20070619_180345_000000392059_00113_27722_1247.N1	19-JUN-2007 18:03:45	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	27722	No
200	GOM_NL__2PRFIN20070619_180531_000000432059_00113_27722_1248.N1	19-JUN-2007 18:05:31	Tw_i_and_stray	43.000	40	The Sco	1.8590	7100.0	86	27722	No
201	GOM_NL__2PRFIN20070619_180713_000000442059_00113_27722_1249.N1	19-JUN-2007 18:07:13	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	27722	No
202	GOM_NL__2PRFIN20070619_180836_000000452059_00113_27722_1250.N1	19-JUN-2007 18:08:36	Bright	44.500	75	26Eps Sco	2.2910	4250.0	89	27722	No
203	GOM_NL__2PRFIN20070619_181121_000000362059_00113_27722_1251.N1	19-JUN-2007 18:11:21	Bright	36.000	156	20Sig Sco	2.9030	28000.	72	27722	No
204	GOM_NL__2PRFIN20070619_181341_000000382059_00113_27722_1252.N1	19-JUN-2007 18:13:41	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27722	No
205	GOM_NL__2PRFIN20070619_181524_000000372059_00113_27722_1253.N1	19-JUN-2007 18:15:24	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	27722	No
206	GOM_NL__2PRFIN20070619_181730_000000362059_00113_27722_1254.N1	19-JUN-2007 18:17:30	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27722	No
207	GOM_NL__2PRFIN20070619_182035_000000362059_00113_27722_1255.N1	19-JUN-2007 18:20:35	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	27722	No
208	GOM_NL__2PRFIN20070619_182435_000000372059_00113_27722_1256.N1	19-JUN-2007 18:24:35	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27722	No
209	GOM_NL__2PRFIN20070619_182616_000000362059_00113_27722_1257.N1	19-JUN-2007 18:26:16	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	27722	No
210	GOM_NL__2PRFIN20070619_183557_000000372059_00113_27722_1258.N1	19-JUN-2007 18:35:57	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27722	No
211	GOM_NL__2PRFIN20070619_183934_000000342059_00113_27722_1259.N1	19-JUN-2007 18:39:34	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	27722	No
212	GOM_NL__2PRFIN20070619_184407_000000362059_00113_27722_1260.N1	19-JUN-2007 18:44:07	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27722	No
213	GOM_NL__2PRFIN20070619_185425_000000362059_00113_27722_1261.N1	19-JUN-2007 18:54:25	Bright	36.000	160	23Gam Per	2.9300	4700.0	72	27722	No
214	GOM_NL__2PRFIN20070619_190840_000000472059_00113_27722_1262.N1	19-JUN-2007 19:08:40	Dark	46.500	94	92Alp Cet	2.5260	3100.0	93	27722	No
215	GOM_NL__2PRFIN20070619_192640_000000512059_00113_27722_1263.N1	19-JUN-2007 19:26:40	Dark	50.500	9	Alp Eri	0.45300	24000.	101	27722	No
216	GOM_NL__2PRFIN20070619_193157_000000382059_00114_27723_1262.N1	19-JUN-2007 19:31:57	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	27723	No
217	GOM_NL__2PRFIN20070619_194258_000000382059_00114_27723_1263.N1	19-JUN-2007 19:42:58	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	27723	No
218	GOM_NL__2PRFIN20070619_194421_000000372059_00114_27723_1264.N1	19-JUN-2007 19:44:21	Straylight	36.500	147	Alp Ara	2.8770	26000.	73	27723	No
219	GOM_NL__2PRFIN20070619_194607_000000422059_00114_27723_1265.N1	19-JUN-2007 19:46:07	Tw_i_and_stray	41.500	40	The Sco	1.8590	7100.0	83	27723	No

220	GOM_NL__2PRFIN20070619_194749_000000402059_00114_27723_1266.N1	19-JUN-2007 19:47:49	Twilight	40.000	25	35Lam Sco	1.6200	28000.	80	27723	No
221	GOM_NL__2PRFIN20070619_194912_000000432059_00114_27723_1267.N1	19-JUN-2007 19:49:12	Bright	43.000	75	26Eps Sco	2.2910	4250.0	86	27723	No
222	GOM_NL__2PRFIN20070619_195157_000000362059_00114_27723_1268.N1	19-JUN-2007 19:51:57	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27723	No
223	GOM_NL__2PRFIN20070619_195416_000000382059_00114_27723_1269.N1	19-JUN-2007 19:54:16	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27723	No
224	GOM_NL__2PRFIN20070619_195600_000000352059_00114_27723_1270.N1	19-JUN-2007 19:56:00	Bright	35.000	98	13Zet Oph	2.5710	30000.	70	27723	No
225	GOM_NL__2PRFIN20070619_195806_000000372059_00114_27723_1271.N1	19-JUN-2007 19:58:06	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	27723	No
226	GOM_NL__2PRFIN20070619_200111_000000362059_00114_27723_1272.N1	19-JUN-2007 20:01:11	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	27723	No
227	GOM_NL__2PRFIN20070619_200511_000000372059_00114_27723_1273.N1	19-JUN-2007 20:05:11	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27723	No
228	GOM_NL__2PRFIN20070619_200652_000000372059_00114_27723_1274.N1	19-JUN-2007 20:06:52	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	27723	No
229	GOM_NL__2PRFIN20070619_201633_000000382059_00114_27723_1275.N1	19-JUN-2007 20:16:33	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	27723	No
230	GOM_NL__2PRFIN20070619_202010_000000362059_00114_27723_1276.N1	19-JUN-2007 20:20:10	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	27723	No
231	GOM_NL__2PRFIN20070619_202443_000000362059_00114_27723_1277.N1	19-JUN-2007 20:24:43	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27723	No
232	GOM_NL__2PRFIN20070619_203501_000000352059_00114_27723_1278.N1	19-JUN-2007 20:35:01	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	27723	No
233	GOM_NL__2PRFIN20070619_204916_000000432059_00114_27723_1279.N1	19-JUN-2007 20:49:16	Dark	42.500	94	92Alp Cet	2.5260	3100.0	85	27723	No
234	GOM_NL__2PRFIN20070619_210716_000000522059_00114_27723_1280.N1	19-JUN-2007 21:07:16	Dark	51.500	9	Alp Eri	0.45300	24000.	103	27723	No
235	GOM_NL__2PRFIN20070619_211233_000000382059_00115_27724_1275.N1	19-JUN-2007 21:12:33	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	27724	No
236	GOM_NL__2PRFIN20070619_212334_000000452059_00115_27724_1276.N1	19-JUN-2007 21:23:34	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	27724	No
237	GOM_NL__2PRFIN20070619_212457_000000382059_00115_27724_1277.N1	19-JUN-2007 21:24:57	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27724	No
238	GOM_NL__2PRFIN20070619_212643_000000452059_00115_27724_1278.N1	19-JUN-2007 21:26:43	Twilight	45.000	40	The Sco	1.8590	7100.0	90	27724	No
239	GOM_NL__2PRFIN20070619_212825_000000412059_00115_27724_1279.N1	19-JUN-2007 21:28:25	Twilight	41.000	25	35Lam Sco	1.6200	28000.	82	27724	No
240	GOM_NL__2PRFIN20070619_212948_000000382059_00115_27724_1280.N1	19-JUN-2007 21:29:48	Bright	38.000	75	26Eps Sco	2.2910	4250.0	76	27724	No
241	GOM_NL__2PRFIN20070619_213233_000000372059_00115_27724_1281.N1	19-JUN-2007 21:32:33	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27724	No
242	GOM_NL__2PRFIN20070619_213453_000000372059_00115_27724_1282.N1	19-JUN-2007 21:34:53	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27724	No
243	GOM_NL__2PRFIN20070619_213636_000000362059_00115_27724_1283.N1	19-JUN-2007 21:36:36	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27724	No
244	GOM_NL__2PRFIN20070619_213842_000000372059_00115_27724_1284.N1	19-JUN-2007 21:38:42	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27724	No
245	GOM_NL__2PRFIN20070619_214147_000000352059_00115_27724_1285.N1	19-JUN-2007 21:41:47	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	27724	No
246	GOM_NL__2PRFIN20070619_214547_000000372059_00115_27724_1286.N1	19-JUN-2007 21:45:47	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27724	No
247	GOM_NL__2PRFIN20070619_214728_000000372059_00115_27724_1287.N1	19-JUN-2007 21:47:28	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	27724	No
248	GOM_NL__2PRFIN20070619_215709_000000342059_00115_27724_1288.N1	19-JUN-2007 21:57:09	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	27724	No
249	GOM_NL__2PRFIN20070619_220046_000000362059_00115_27724_1289.N1	19-JUN-2007 22:00:46	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	27724	No
250	GOM_NL__2PRFIN20070619_220519_000000332059_00115_27724_1290.N1	19-JUN-2007 22:05:19	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	27724	No
251	GOM_NL__2PRFIN20070619_221537_000000532059_00115_27724_1291.N1	19-JUN-2007 22:15:37	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27724	No
252	GOM_NL__2PRFIN20070619_222952_000000442059_00115_27724_1292.N1	19-JUN-2007 22:29:52	Dark	44.000	94	92Alp Cet	2.5260	3100.0	88	27724	No
253	GOM_NL__2PRFIN20070619_224752_000000482059_00115_27724_1293.N1	19-JUN-2007 22:47:52	Dark	47.500	9	Alp Eri	0.45300	24000.	95	27724	No
254	GOM_NL__2PRFIN20070619_225309_000000372059_00116_27725_1299.N1	19-JUN-2007 22:53:09	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	27725	No
255	GOM_NL__2PRFIN20070619_230410_000000392059_00116_27725_1300.N1	19-JUN-2007 23:04:10	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	27725	No
256	GOM_NL__2PRFIN20070619_230533_000000382059_00116_27725_1301.N1	19-JUN-2007 23:05:33	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27725	No
257	GOM_NL__2PRFIN20070619_230719_000000442059_00116_27725_1302.N1	19-JUN-2007 23:07:19	Twilight	43.500	40	The Sco	1.8590	7100.0	87	27725	No
258	GOM_NL__2PRFIN20070619_230901_000000442059_00116_27725_1303.N1	19-JUN-2007 23:09:01	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	27725	No
259	GOM_NL__2PRFIN20070619_231025_000000422059_00116_27725_1304.N1	19-JUN-2007 23:10:25	Bright	42.000	75	26Eps Sco	2.2910	4250.0	84	27725	No
260	GOM_NL__2PRFIN20070619_231309_000000362059_00116_27725_1305.N1	19-JUN-2007 23:13:09	Bright	36.000	156	20Sig Sco	2.9030	28000.	72	27725	No
261	GOM_NL__2PRFIN20070619_231528_000000382059_00116_27725_1306.N1	19-JUN-2007 23:15:28	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27725	No
262	GOM_NL__2PRFIN20070619_231712_000000362059_00116_27725_1307.N1	19-JUN-2007 23:17:12	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27725	No
263	GOM_NL__2PRFIN20070619_231918_000000372059_00116_27725_1308.N1	19-JUN-2007 23:19:18	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27725	No
264	GOM_NL__2PRFIN20070619_232223_000000362059_00116_27725_1309.N1	19-JUN-2007 23:22:23	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27725	No
265	GOM_NL__2PRFIN20070619_232623_000000362059_00116_27725_1310.N1	19-JUN-2007 23:26:23	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	27725	No
266	GOM_NL__2PRFIN20070619_232804_000000352059_00116_27725_1311.N1	19-JUN-2007 23:28:04	Bright	34.500	67	5Alp CrB	2.2210	11000.	69	27725	No
267	GOM_NL__2PRFIN20070619_233744_000000372059_00116_27725_1312.N1	19-JUN-2007 23:37:44	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27725	No
268	GOM_NL__2PRFIN20070619_234122_000000362059_00116_27725_1313.N1	19-JUN-2007 23:41:22	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	27725	No
269	GOM_NL__2PRFIN20070619_234555_000000332059_00116_27725_1314.N1	19-JUN-2007 23:45:55	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	27725	No
270	GOM_NL__2PRFIN20070619_235612_000000382059_00116_27725_1315.N1	19-JUN-2007 23:56:12	Bright	37.500	160	23Gam Per	2.9300	4700.0	75	27725	No

3. Quality information per product

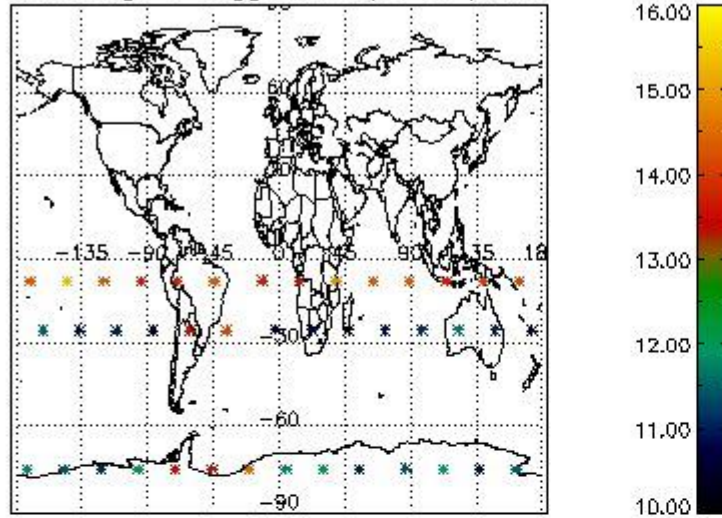
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

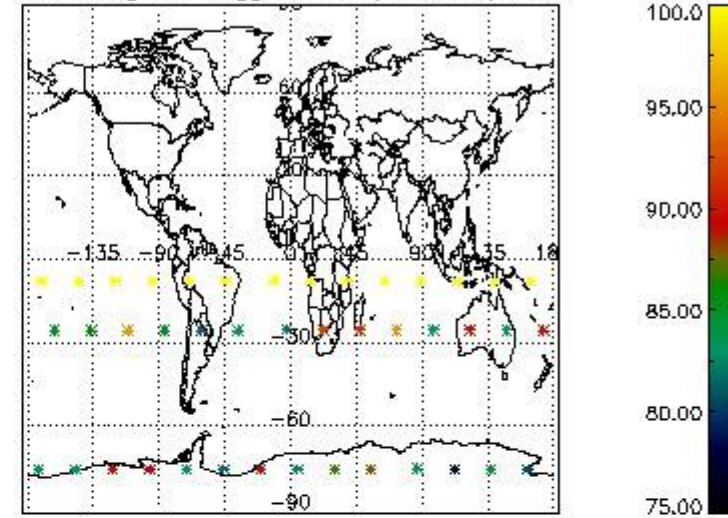


3.2 Plot quality information per product (world map)

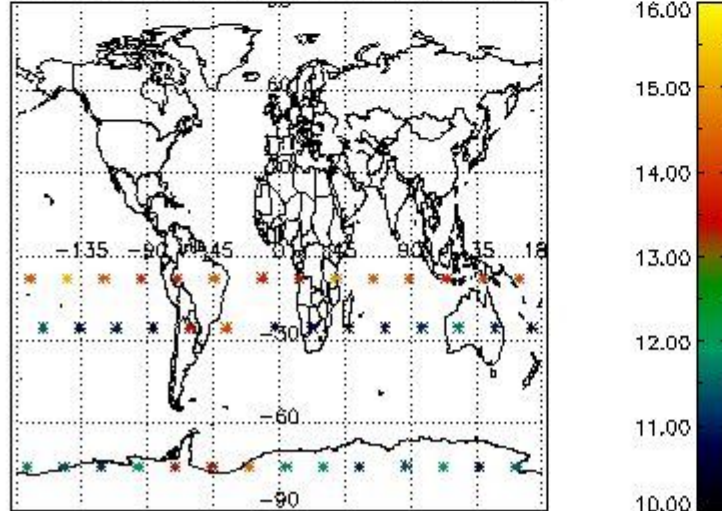
Percentage of flagged data per O3 profile



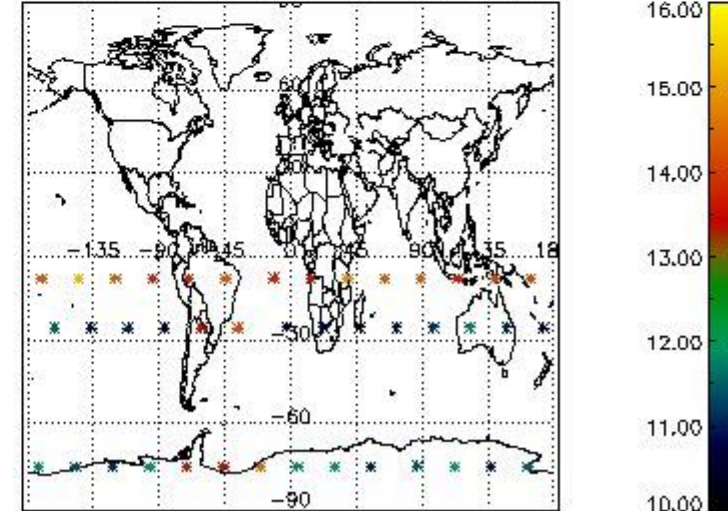
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

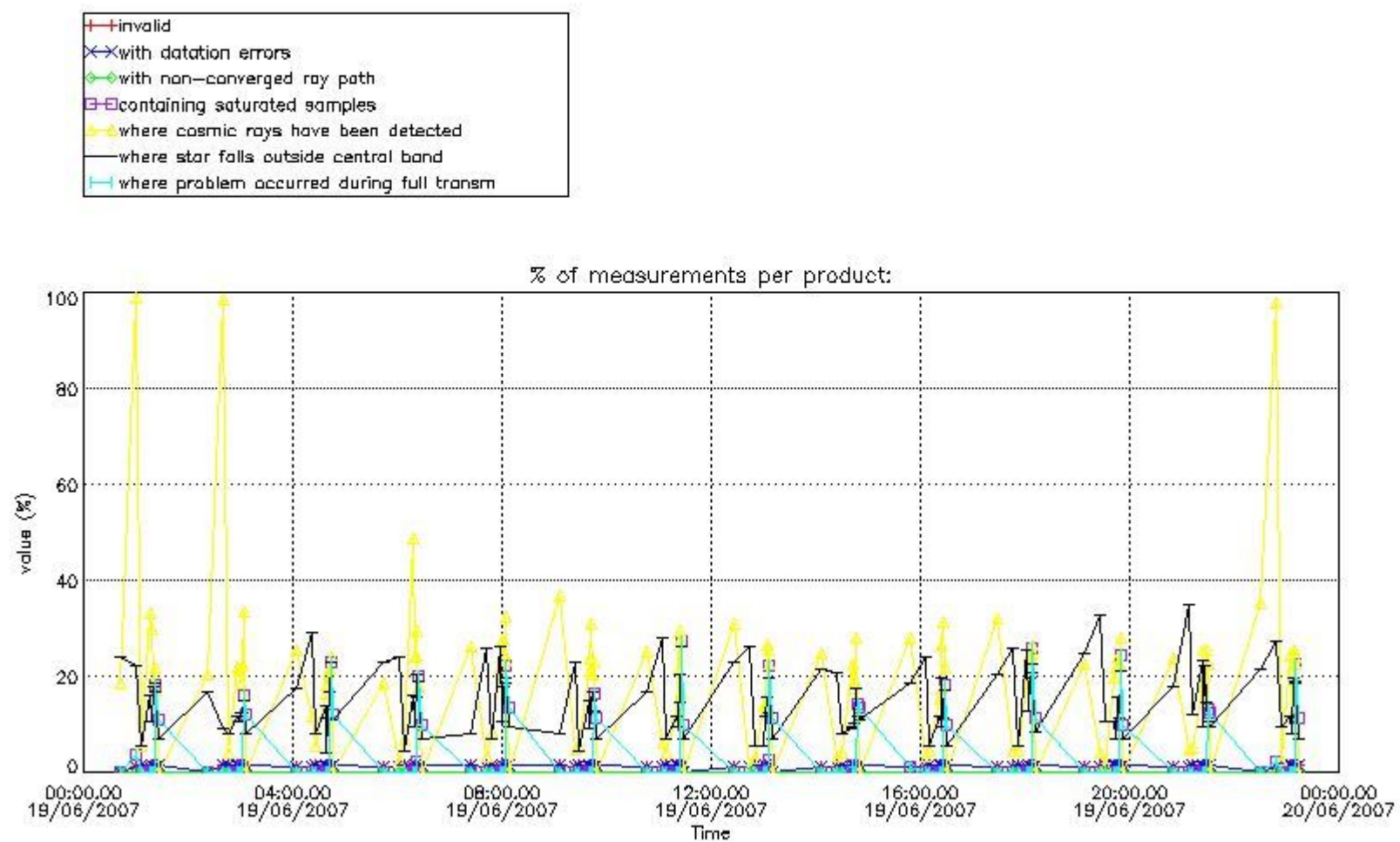


4. Level 1 quality information per product

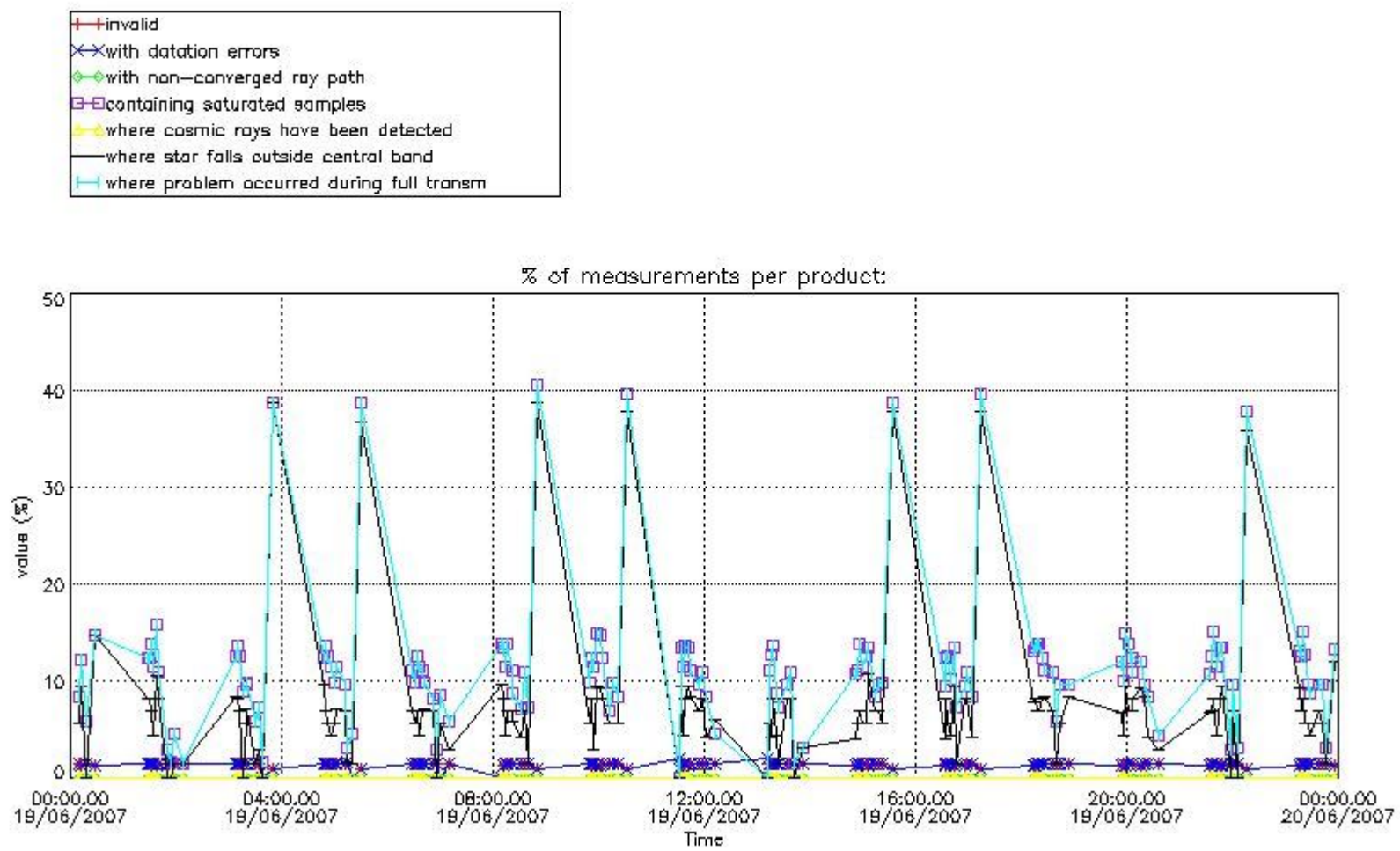
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



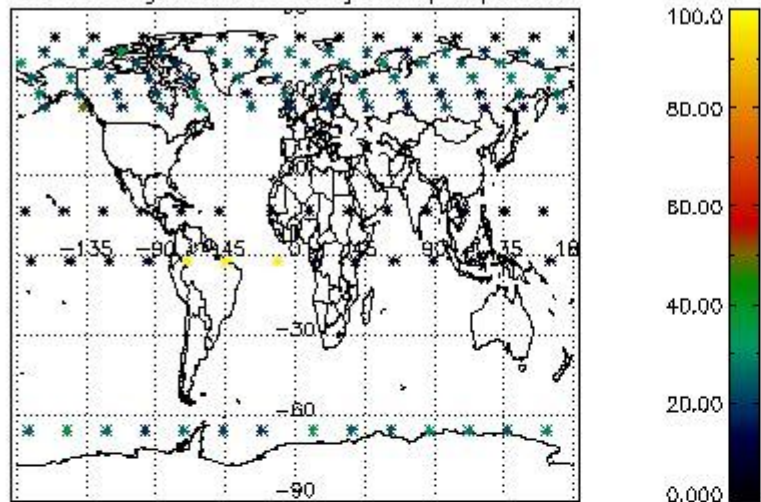
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



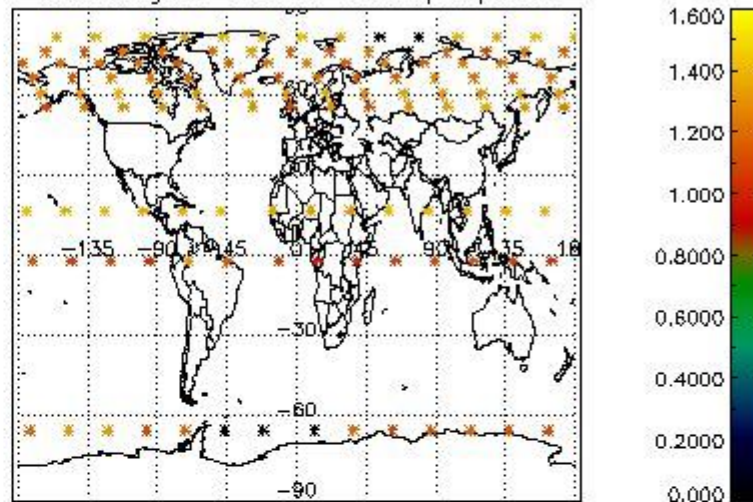
4.2 Plot quality information per product coming from level 1b processing (world map)

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

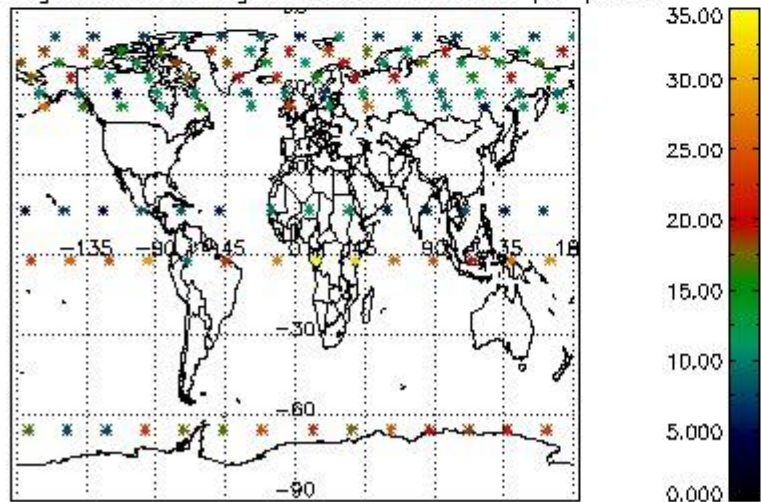
Percentage of cosmic ray hits per profile



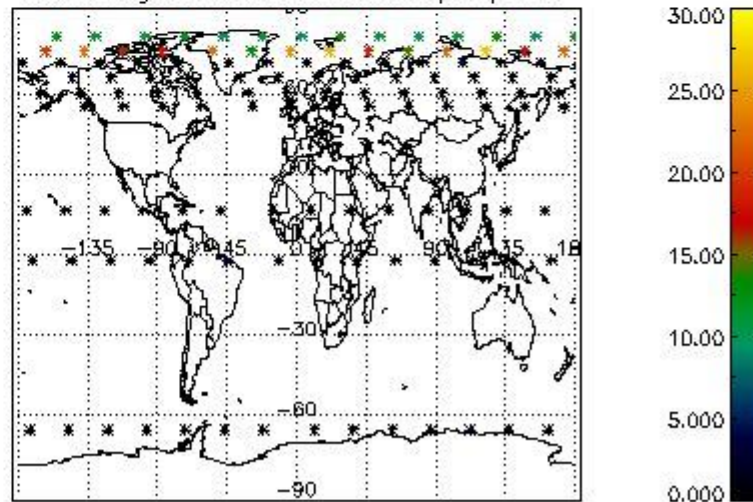
Percentage of datation errors per profile



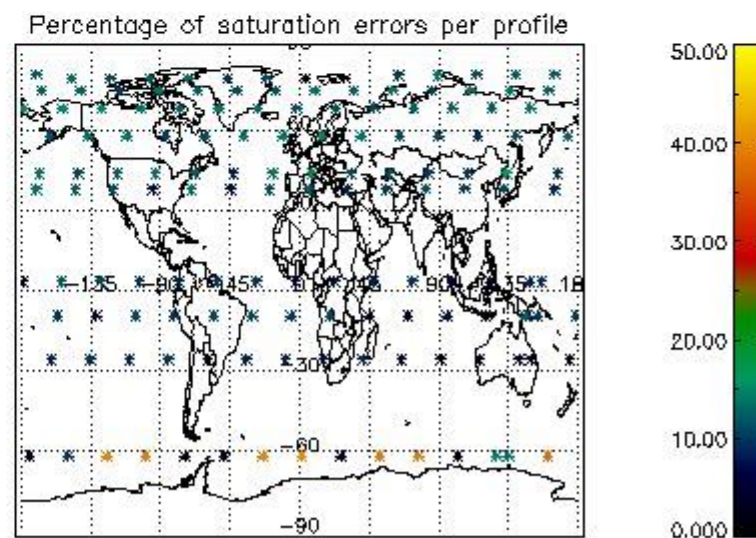
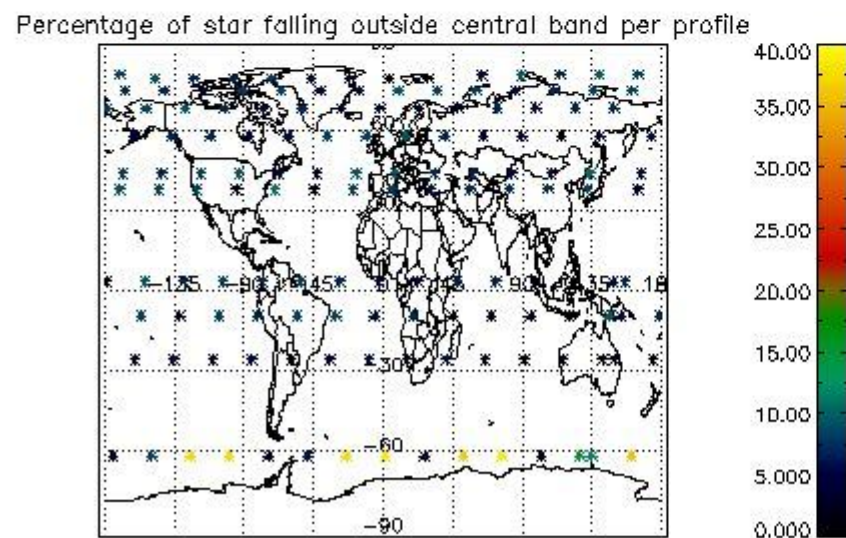
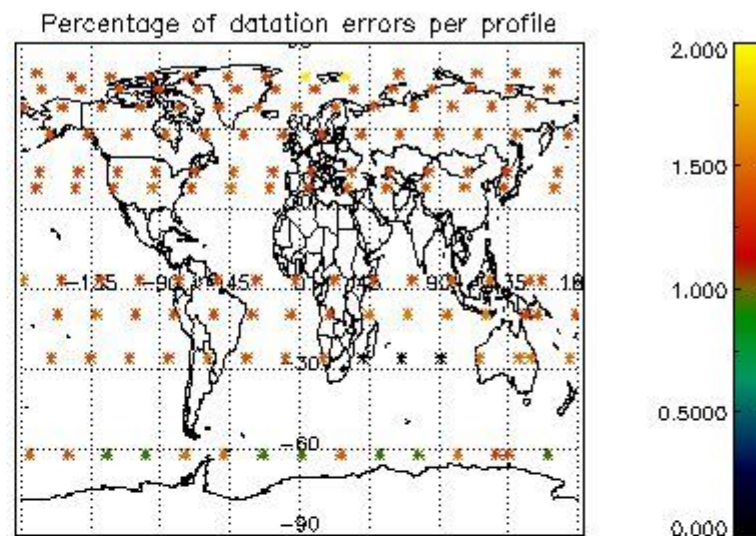
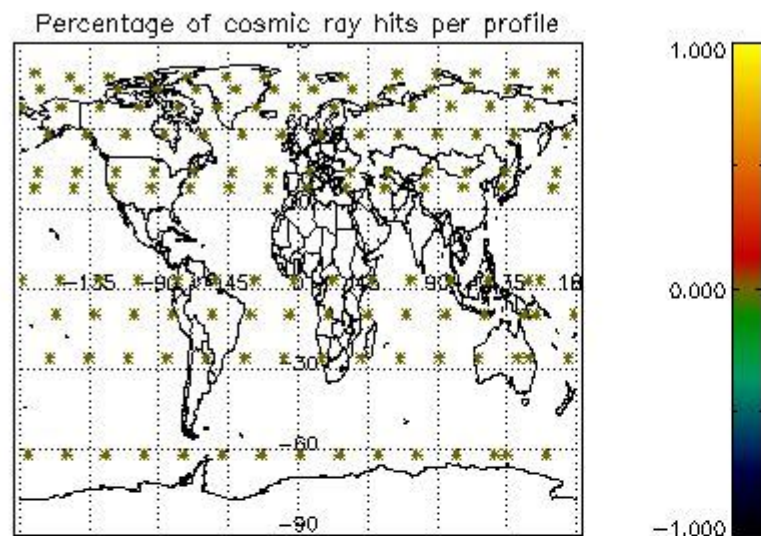
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



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

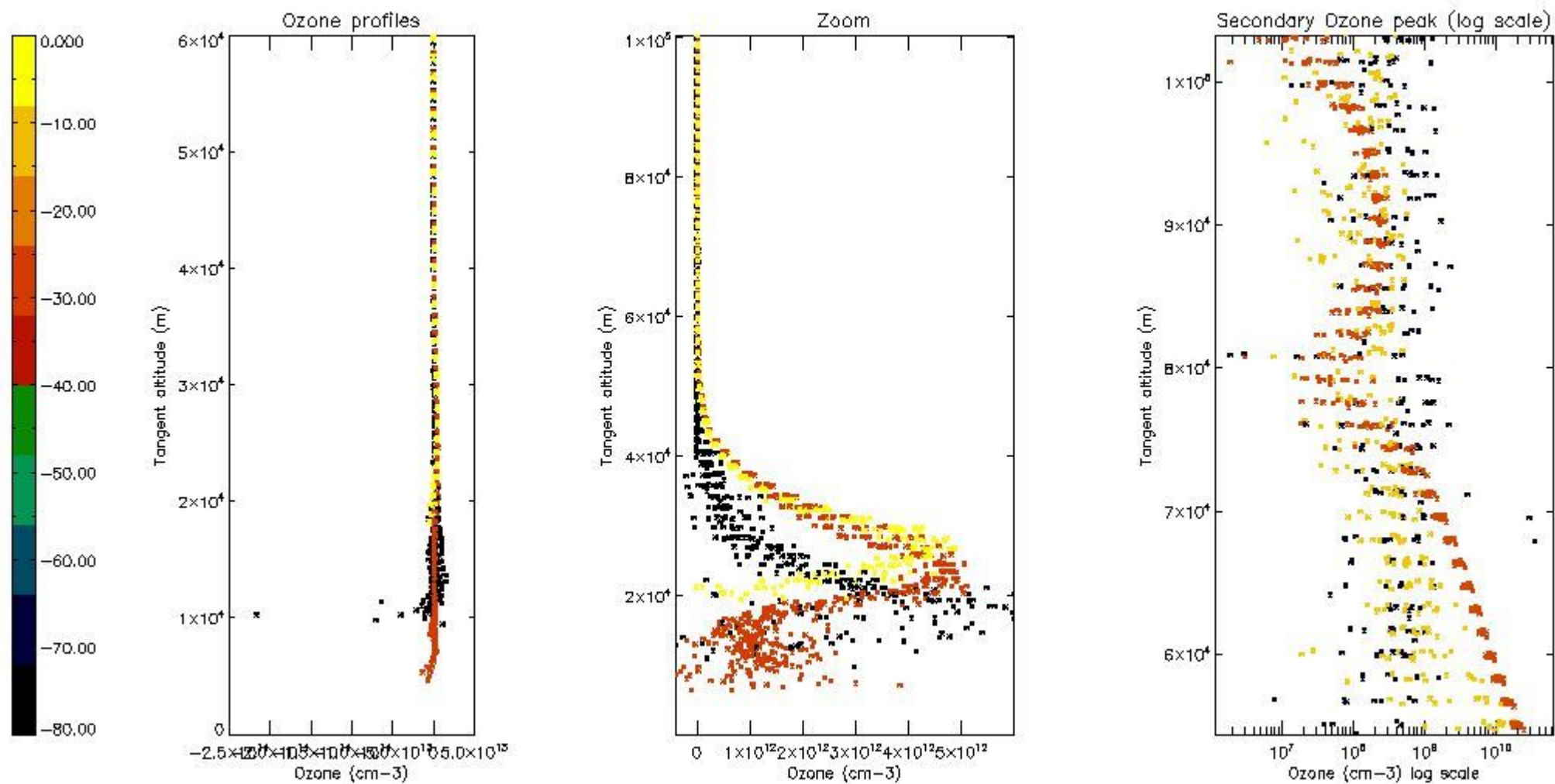
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	18
STD < 20	7

STD < 10	5
STD < 5	3

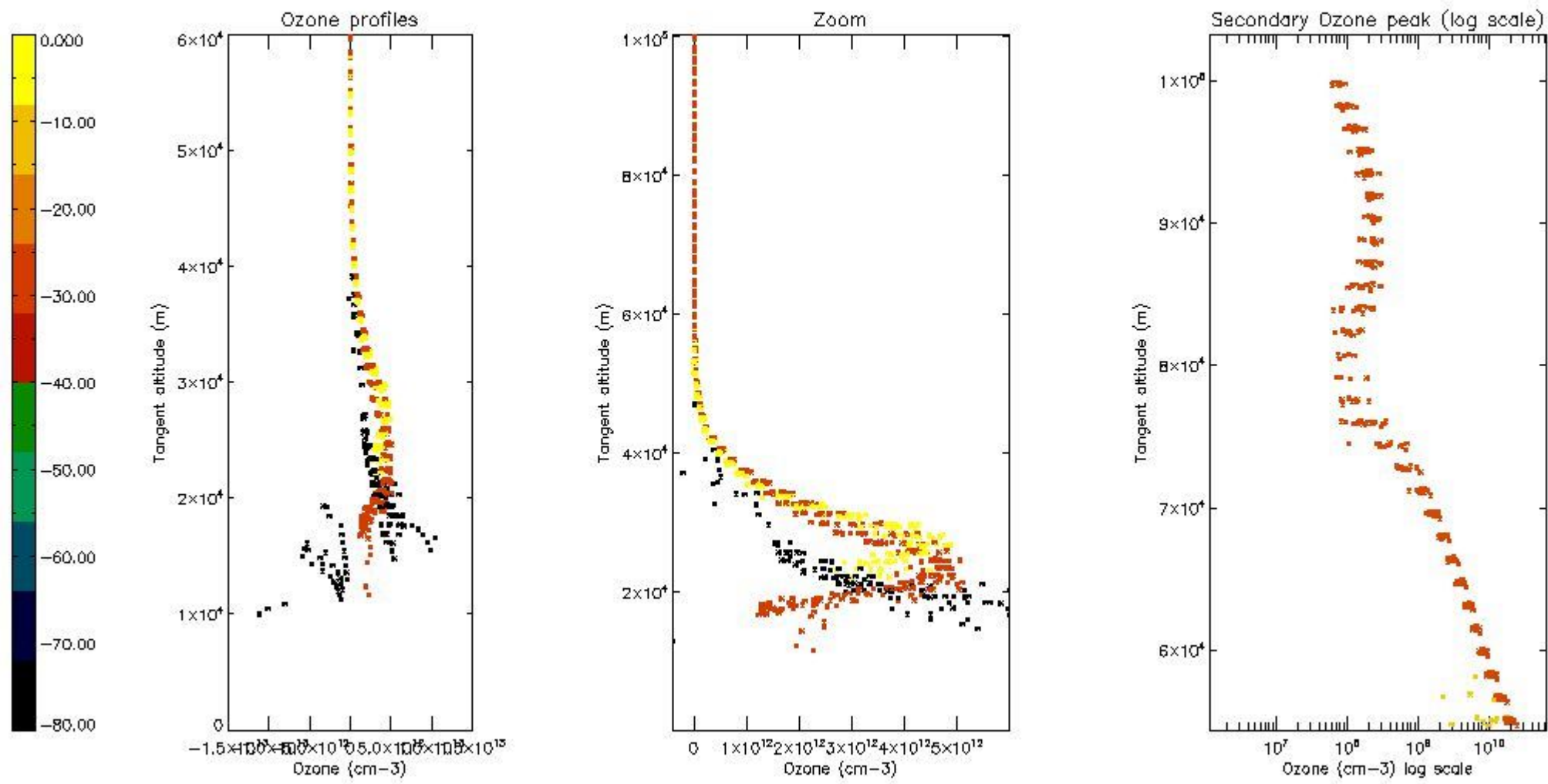
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



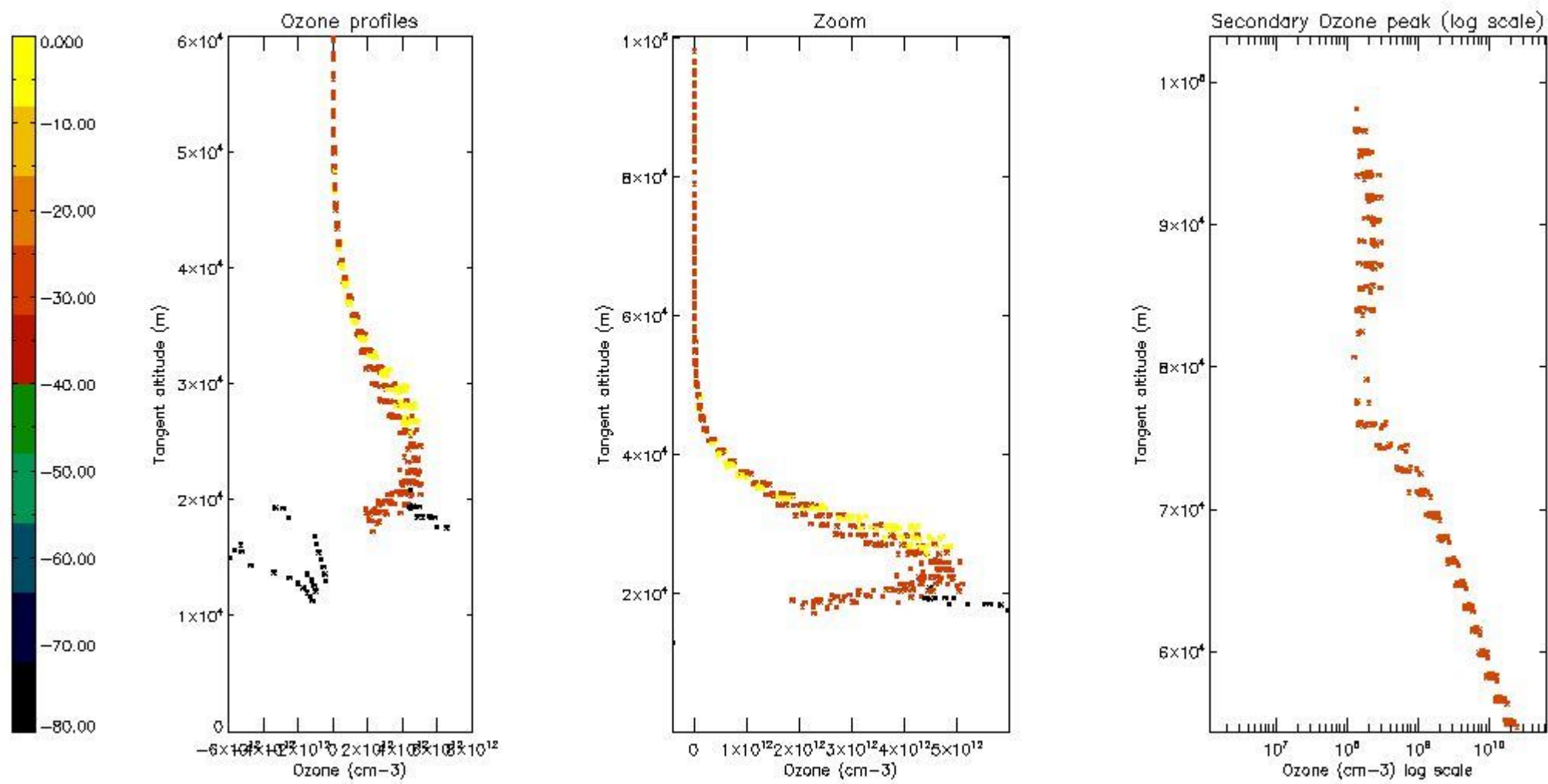
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



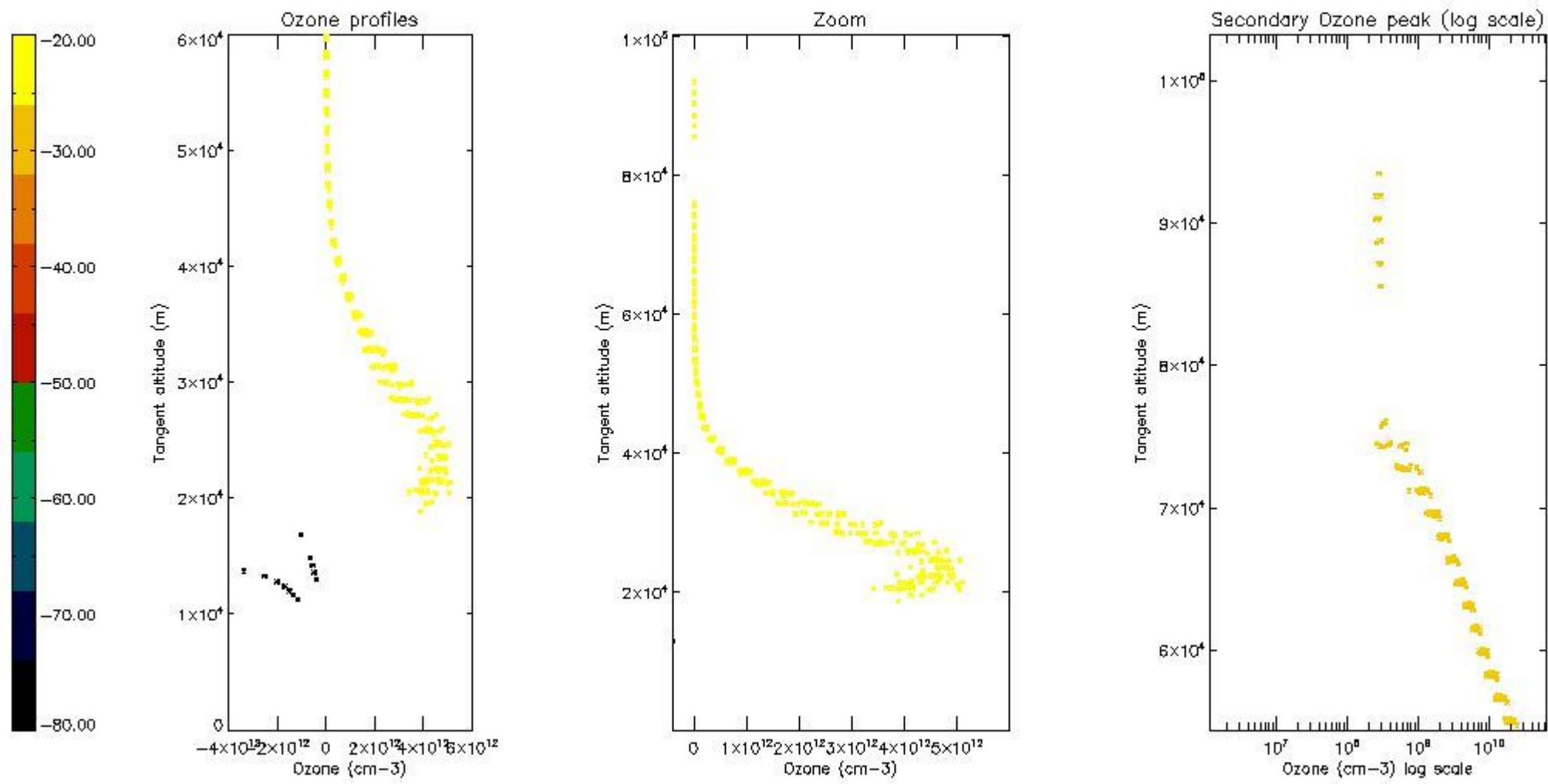
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



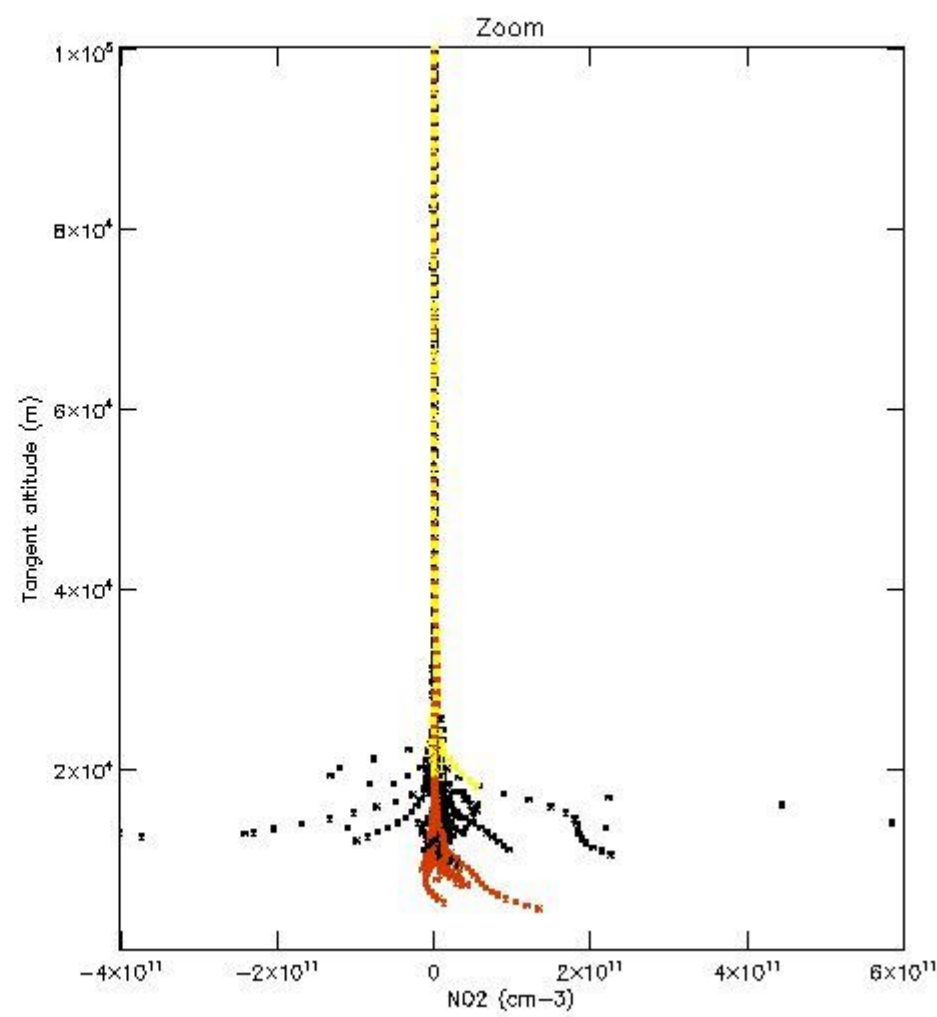
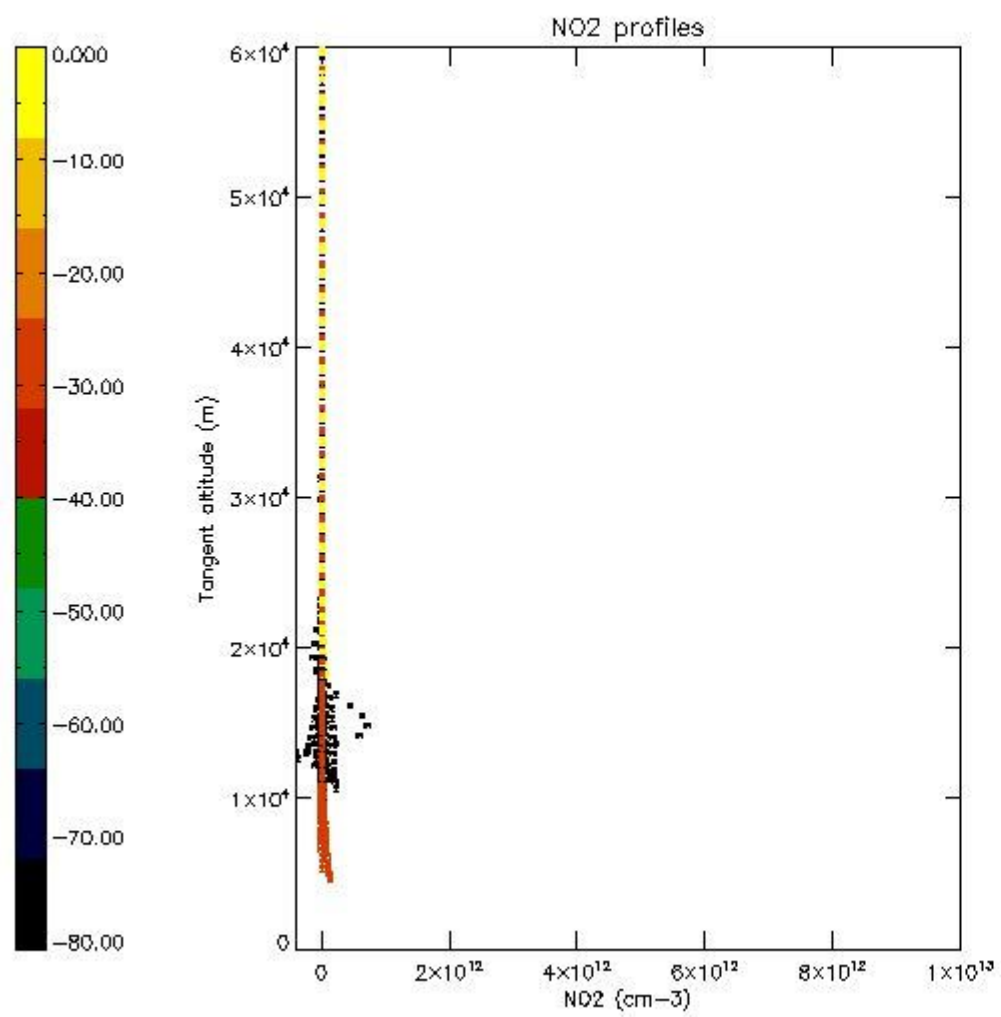
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



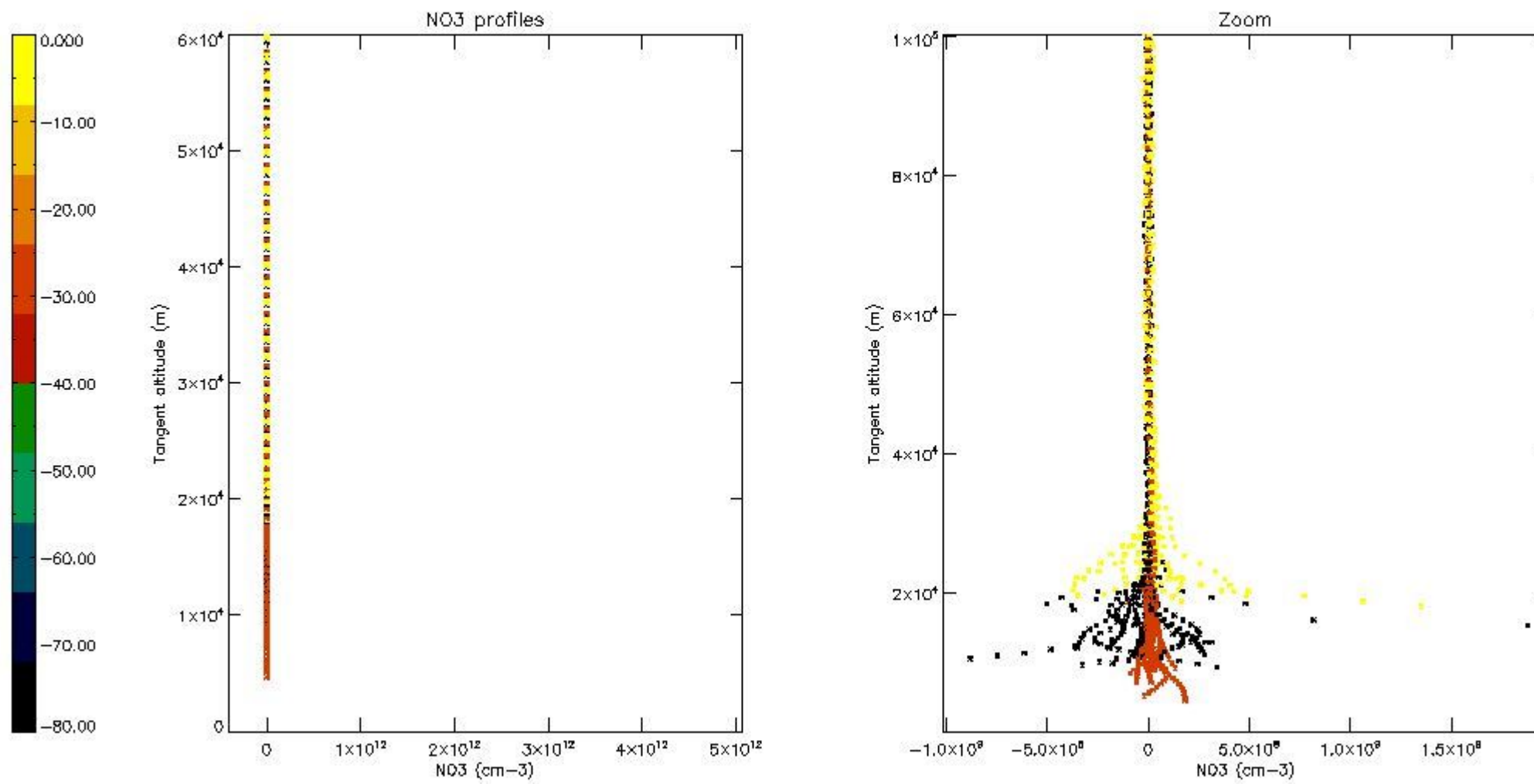
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	19-JUN-2007 00:09:22
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	19-JUN-2007 00:09:22
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	19-JUN-2007 00:09:22

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

[2. Summary of processed GOM_NL_2P products](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	22APR2013 20:55:03
Data source version	GOMOS/6.01
Start time of products	19-06-2007 (19JUN2007 00:00:00)
Stop time of products	20-06-2007 (20JUN2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	270
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__2PRFIN20070619_000922_000000362059_00102_27711_1003.N1	19-JUN-2007 00:09:22	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	27711	No
2	GOM_NL__2PRFIN20070619_001257_000000372059_00102_27711_1004.N1	19-JUN-2007 00:12:57	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	27711	No
3	GOM_NL__2PRFIN20070619_001732_000000342059_00102_27711_1005.N1	19-JUN-2007 00:17:32	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	27711	No
4	GOM_NL__2PRFIN20070619_002749_000000382059_00102_27711_1006.N1	19-JUN-2007 00:27:49	Bright	37.500	160	23Gam Per	2.9300	4700.0	75	27711	No
5	GOM_NL__2PRFIN20070619_004201_000000462059_00102_27711_1007.N1	19-JUN-2007 00:42:01	Dark	45.500	94	92Alp Cet	2.5260	3100.0	91	27711	No
6	GOM_NL__2PRFIN20070619_010000_000000432059_00102_27711_1008.N1	19-JUN-2007 01:00:00	Dark	43.000	9	Alp Eri	0.45300	24000.	86	27711	No
7	GOM_NL__2PRFIN20070619_010519_000000362059_00103_27712_1008.N1	19-JUN-2007 01:05:19	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	27712	No
8	GOM_NL__2PRFIN20070619_011619_000000412059_00103_27712_1009.N1	19-JUN-2007 01:16:19	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	27712	No
9	GOM_NL__2PRFIN20070619_011743_000000392059_00103_27712_1010.N1	19-JUN-2007 01:17:43	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	27712	No
10	GOM_NL__2PRFIN20070619_011928_000000432059_00103_27712_1011.N1	19-JUN-2007 01:19:28	Twilight	42.500	40	The Sco	1.8590	7100.0	85	27712	No
11	GOM_NL__2PRFIN20070619_012110_000000442059_00103_27712_1012.N1	19-JUN-2007 01:21:10	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	27712	No
12	GOM_NL__2PRFIN20070619_012235_000000422059_00103_27712_1013.N1	19-JUN-2007 01:22:35	Bright	41.500	75	26Eps Sco	2.2910	4250.0	83	27712	No
13	GOM_NL__2PRFIN20070619_012519_000000372059_00103_27712_1014.N1	19-JUN-2007 01:25:19	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27712	No
14	GOM_NL__2PRFIN20070619_012705_000000372059_00103_27712_1015.N1	19-JUN-2007 01:27:05	Bright	36.500	97	8Bet1Sco	2.5610	30000.	73	27712	No
15	GOM_NL__2PRFIN20070619_012924_000000372059_00103_27712_1016.N1	19-JUN-2007 01:29:24	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27712	No
16	GOM_NL__2PRFIN20070619_013130_000000362059_00103_27712_1017.N1	19-JUN-2007 01:31:30	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27712	No
17	GOM_NL__2PRFIN20070619_013434_000000352059_00103_27712_1018.N1	19-JUN-2007 01:34:34	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	27712	No
18	GOM_NL__2PRFIN20070619_013836_000000382059_00103_27712_1019.N1	19-JUN-2007 01:38:36	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	27712	No
19	GOM_NL__2PRFIN20070619_014015_000000372059_00103_27712_1020.N1	19-JUN-2007 01:40:15	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	27712	No
20	GOM_NL__2PRFIN20070619_014958_000000342059_00103_27712_1021.N1	19-JUN-2007 01:49:58	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	27712	No
21	GOM_NL__2PRFIN20070619_015333_000000322059_00103_27712_1022.N1	19-JUN-2007 01:53:33	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	27712	No
22	GOM_NL__2PRFIN20070619_015808_000000342059_00103_27712_1023.N1	19-JUN-2007 01:58:08	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	27712	No
23	GOM_NL__2PRFIN20070619_020825_000000332059_00103_27712_1024.N1	19-JUN-2007 02:08:25	Bright	33.000	160	23Gam Per	2.9300	4700.0	66	27712	No
24	GOM_NL__2PRFIN20070619_022238_000000422059_00103_27712_1025.N1	19-JUN-2007 02:22:38	Dark	41.500	94	92Alp Cet	2.5260	3100.0	83	27712	No
25	GOM_NL__2PRFIN20070619_024036_000000382059_00103_27712_1026.N1	19-JUN-2007 02:40:36	Dark	38.000	9	Alp Eri	0.45300	24000.	76	27712	No
26	GOM_NL__2PRFIN20070619_024555_000000372059_00104_27713_1017.N1	19-JUN-2007 02:45:55	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	27713	No
27	GOM_NL__2PRFIN20070619_025656_000000392059_00104_27713_1018.N1	19-JUN-2007 02:56:56	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	27713	No
28	GOM_NL__2PRFIN20070619_025819_000000382059_00104_27713_1019.N1	19-JUN-2007 02:58:19	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	27713	No
29	GOM_NL__2PRFIN20070619_030005_000000412059_00104_27713_1020.N1	19-JUN-2007 03:00:05	Twilight	40.500	40	The Sco	1.8590	7100.0	81	27713	No
30	GOM_NL__2PRFIN20070619_030147_000000412059_00104_27713_1021.N1	19-JUN-2007 03:01:47	Twilight	40.500	25	35Lam Sco	1.6200	28000.	81	27713	No
31	GOM_NL__2PRFIN20070619_030311_000000412059_00104_27713_1022.N1	19-JUN-2007 03:03:11	Bright	40.500	75	26Eps Sco	2.2910	4250.0	81	27713	No
32	GOM_NL__2PRFIN20070619_030555_000000372059_00104_27713_1023.N1	19-JUN-2007 03:05:55	Bright	37.000	156	20Sig Sco	2.9030	28000.	74	27713	No
33	GOM_NL__2PRFIN20070619_030741_000000362059_00104_27713_1024.N1	19-JUN-2007 03:07:41	Bright	36.000	97	8Bet1Sco	2.5610	30000.	72	27713	No
34	GOM_NL__2PRFIN20070619_031000_000000372059_00104_27713_1025.N1	19-JUN-2007 03:10:00	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27713	No
35	GOM_NL__2PRFIN20070619_031205_000000362059_00104_27713_1026.N1	19-JUN-2007 03:12:05	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27713	No
36	GOM_NL__2PRFIN20070619_031510_000000342059_00104_27713_1027.N1	19-JUN-2007 03:15:10	Bright	34.000	102	24Alp Ser	2.6000	4250.0	68	27713	No
37	GOM_NL__2PRFIN20070619_031912_000000362059_00104_27713_1028.N1	19-JUN-2007 03:19:12	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	27713	No
38	GOM_NL__2PRFIN20070619_032051_000000362059_00104_27713_1029.N1	19-JUN-2007 03:20:51	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	27713	No
39	GOM_NL__2PRFIN20070619_033034_000000352059_00104_27713_1030.N1	19-JUN-2007 03:30:34	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	27713	No
40	GOM_NL__2PRFIN20070619_033409_000000352059_00104_27713_1031.N1	19-JUN-2007 03:34:09	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	27713	No
41	GOM_NL__2PRFIN20070619_033843_000000322059_00104_27713_1032.N1	19-JUN-2007 03:38:43	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	27713	No
42	GOM_NL__2PRFIN20070619_034901_000000532059_00104_27713_1033.N1	19-JUN-2007 03:49:01	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27713	No

43	GOM_NL__2PRFIN20070619_040314_000000432059_00104_27713_1034.N1	19-JUN-2007 04:03:14	Dark	43.000	94	92Alp Cet	2.5260	3100.0	86	27713	No
44	GOM_NL__2PRFIN20070619_042113_000000482059_00104_27713_1035.N1	19-JUN-2007 04:21:13	Dark	48.000	9	Alp Eri	0.45300	24000.	96	27713	No
45	GOM_NL__2PRFIN20070619_042631_000000372059_00105_27714_1030.N1	19-JUN-2007 04:26:31	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	27714	No
46	GOM_NL__2PRFIN20070619_043732_000000402059_00105_27714_1031.N1	19-JUN-2007 04:37:32	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	27714	No
47	GOM_NL__2PRFIN20070619_043855_000000362059_00105_27714_1032.N1	19-JUN-2007 04:38:55	Straylight	36.000	147	Alp Ara	2.8770	26000.	72	27714	No
48	GOM_NL__2PRFIN20070619_044041_000000402059_00105_27714_1033.N1	19-JUN-2007 04:40:41	Tw_i_and_stray	39.500	40	The Sco	1.8590	7100.0	79	27714	No
49	GOM_NL__2PRFIN20070619_044223_000000422059_00105_27714_1034.N1	19-JUN-2007 04:42:23	Tw_i_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	27714	No
50	GOM_NL__2PRFIN20070619_044347_000000442059_00105_27714_1035.N1	19-JUN-2007 04:43:47	Bright	44.000	75	26Eps Sco	2.2910	4250.0	88	27714	No
51	GOM_NL__2PRFIN20070619_044632_000000372059_00105_27714_1036.N1	19-JUN-2007 04:46:32	Bright	37.000	156	20Sig Sco	2.9030	28000.	74	27714	No
52	GOM_NL__2PRFIN20070619_044817_000000372059_00105_27714_1037.N1	19-JUN-2007 04:48:17	Bright	36.500	97	8Bet1Sco	2.5610	30000.	73	27714	No
53	GOM_NL__2PRFIN20070619_045036_000000372059_00105_27714_1038.N1	19-JUN-2007 04:50:36	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27714	No
54	GOM_NL__2PRFIN20070619_045242_000000362059_00105_27714_1039.N1	19-JUN-2007 04:52:42	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27714	No
55	GOM_NL__2PRFIN20070619_045546_000000352059_00105_27714_1040.N1	19-JUN-2007 04:55:46	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	27714	No
56	GOM_NL__2PRFIN20070619_045948_000000362059_00105_27714_1041.N1	19-JUN-2007 04:59:48	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	27714	No
57	GOM_NL__2PRFIN20070619_050127_000000352059_00105_27714_1042.N1	19-JUN-2007 05:01:27	Bright	35.000	67	5Alp CrB	2.2210	11000.	70	27714	No
58	GOM_NL__2PRFIN20070619_051110_000000372059_00105_27714_1043.N1	19-JUN-2007 05:11:10	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27714	No
59	GOM_NL__2PRFIN20070619_051445_000000322059_00105_27714_1044.N1	19-JUN-2007 05:14:45	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	27714	No
60	GOM_NL__2PRFIN20070619_051919_000000342059_00105_27714_1045.N1	19-JUN-2007 05:19:19	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	27714	No
61	GOM_NL__2PRFIN20070619_052937_000000532059_00105_27714_1046.N1	19-JUN-2007 05:29:37	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27714	No
62	GOM_NL__2PRFIN20070619_054350_000000462059_00105_27714_1047.N1	19-JUN-2007 05:43:50	Dark	45.500	94	92Alp Cet	2.5260	3100.0	91	27714	No
63	GOM_NL__2PRFIN20070619_060149_000000462059_00105_27714_1048.N1	19-JUN-2007 06:01:49	Dark	46.000	9	Alp Eri	0.45300	24000.	92	27714	No
64	GOM_NL__2PRFIN20070619_060708_000000362059_00106_27715_1041.N1	19-JUN-2007 06:07:08	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	27715	No
65	GOM_NL__2PRFIN20070619_061808_000000412059_00106_27715_1042.N1	19-JUN-2007 06:18:08	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	27715	No
66	GOM_NL__2PRFIN20070619_061931_000000382059_00106_27715_1043.N1	19-JUN-2007 06:19:31	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27715	No
67	GOM_NL__2PRFIN20070619_062117_000000442059_00106_27715_1044.N1	19-JUN-2007 06:21:17	Tw_i_and_stray	44.000	40	The Sco	1.8590	7100.0	88	27715	No
68	GOM_NL__2PRFIN20070619_062259_000000422059_00106_27715_1045.N1	19-JUN-2007 06:22:59	Tw_i_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	27715	No
69	GOM_NL__2PRFIN20070619_062423_000000432059_00106_27715_1046.N1	19-JUN-2007 06:24:23	Bright	42.500	75	26Eps Sco	2.2910	4250.0	85	27715	No
70	GOM_NL__2PRFIN20070619_062708_000000362059_00106_27715_1047.N1	19-JUN-2007 06:27:08	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27715	No
71	GOM_NL__2PRFIN20070619_062854_000000362059_00106_27715_1048.N1	19-JUN-2007 06:28:54	Bright	36.000	97	8Bet1Sco	2.5610	30000.	72	27715	No
72	GOM_NL__2PRFIN20070619_063112_000000362059_00106_27715_1049.N1	19-JUN-2007 06:31:12	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	27715	No
73	GOM_NL__2PRFIN20070619_063318_000000362059_00106_27715_1050.N1	19-JUN-2007 06:33:18	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27715	No
74	GOM_NL__2PRFIN20070619_063622_000000352059_00106_27715_1051.N1	19-JUN-2007 06:36:22	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	27715	No
75	GOM_NL__2PRFIN20070619_064024_000000362059_00106_27715_1052.N1	19-JUN-2007 06:40:24	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	27715	No
76	GOM_NL__2PRFIN20070619_064203_000000362059_00106_27715_1053.N1	19-JUN-2007 06:42:03	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	27715	No
77	GOM_NL__2PRFIN20070619_065146_000000372059_00106_27715_1054.N1	19-JUN-2007 06:51:46	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27715	No
78	GOM_NL__2PRFIN20070619_065521_000000342059_00106_27715_1055.N1	19-JUN-2007 06:55:21	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	27715	No
79	GOM_NL__2PRFIN20070619_065955_000000352059_00106_27715_1056.N1	19-JUN-2007 06:59:55	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27715	No
80	GOM_NL__2PRFIN20070619_071013_000000352059_00106_27715_1057.N1	19-JUN-2007 07:10:13	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	27715	No
81	GOM_NL__2PRFIN20070619_072427_000000382059_00106_27715_1058.N1	19-JUN-2007 07:24:27	Dark	38.000	94	92Alp Cet	2.5260	3100.0	76	27715	No
82	GOM_NL__2PRFIN20070619_074225_000000472059_00106_27715_1059.N1	19-JUN-2007 07:42:25	Dark	46.500	9	Alp Eri	0.45300	24000.	93	27715	No
83	GOM_NL__2PRFIN20070619_074744_000000372059_00107_27716_1096.N1	19-JUN-2007 07:47:44	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	27716	No
84	GOM_NL__2PRFIN20070619_075844_000000462059_00107_27716_1097.N1	19-JUN-2007 07:58:44	Straylight	46.000	141	Bet Ara	2.8400	4600.0	92	27716	No
85	GOM_NL__2PRFIN20070619_080008_000000382059_00107_27716_1098.N1	19-JUN-2007 08:00:08	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	27716	No
86	GOM_NL__2PRFIN20070619_080153_000000432059_00107_27716_1099.N1	19-JUN-2007 08:01:53	Tw_i_and_stray	42.500	40	The Sco	1.8590	7100.0	85	27716	No
87	GOM_NL__2PRFIN20070619_080335_000000442059_00107_27716_1100.N1	19-JUN-2007 08:03:35	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	27716	No
88	GOM_NL__2PRFIN20070619_080459_000000432059_00107_27716_1101.N1	19-JUN-2007 08:04:59	Bright	43.000	75	26Eps Sco	2.2910	4250.0	86	27716	No
89	GOM_NL__2PRFIN20070619_080744_000000372059_00107_27716_1102.N1	19-JUN-2007 08:07:44	Bright	37.000	156	20Sig Sco	2.9030	28000.	74	27716	No
90	GOM_NL__2PRFIN20070619_080930_000000362059_00107_27716_1103.N1	19-JUN-2007 08:09:30	Bright	36.000	97	8Bet1Sco	2.5610	30000.	72	27716	No
91	GOM_NL__2PRFIN20070619_081148_000000372059_00107_27716_1104.N1	19-JUN-2007 08:11:48	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	27716	No
92	GOM_NL__2PRFIN20070619_081354_000000352059_00107_27716_1105.N1	19-JUN-2007 08:13:54	Bright	35.000	120	1Del Oph	2.7340	3200.0	70	27716	No
93	GOM_NL__2PRFIN20070619_081658_000000362059_00107_27716_1106.N1	19-JUN-2007 08:16:58	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	27716	No
94	GOM_NL__2PRFIN20070619_082100_000000362059_00107_27716_1107.N1	19-JUN-2007 08:21:00	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	27716	No
95	GOM_NL__2PRFIN20070619_082239_000000352059_00107_27716_1108.N1	19-JUN-2007 08:22:39	Bright	34.500	67	5Alp CrB	2.2210	11000.	69	27716	No
96	GOM_NL__2PRFIN20070619_083222_000000362059_00107_27716_1109.N1	19-JUN-2007 08:32:22	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	27716	No
97	GOM_NL__2PRFIN20070619_083557_000000372059_00107_27716_1110.N1	19-JUN-2007 08:35:57	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27716	No
98	GOM_NL__2PRFIN20070619_084031_000000352059_00107_27716_1111.N1	19-JUN-2007 08:40:31	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	27716	No
99	GOM_NL__2PRFIN20070619_085049_000000532059_00107_27716_1112.N1	19-JUN-2007 08:50:49	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27716	No
100	GOM_NL__2PRFIN20070619_090503_000000382059_00107_27716_1113.N1	19-JUN-2007 09:05:03	Dark	38.000	94	92Alp Cet	2.5260	3100.0	76	27716	No
101	GOM_NL__2PRFIN20070619_092302_000000442059_00107_27716_1114.N1	19-JUN-2007 09:23:02	Dark	44.000	9	Alp Eri	0.45300	24000.	88	27716	No

102	GOM_NL__2PRFIN20070619_092820_000000362059_00108_27717_1123.N1	19-JUN-2007 09:28:20	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	27717	No
103	GOM_NL__2PRFIN20070619_093920_000000402059_00108_27717_1124.N1	19-JUN-2007 09:39:20	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	27717	No
104	GOM_NL__2PRFIN20070619_094044_000000382059_00108_27717_1125.N1	19-JUN-2007 09:40:44	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	27717	No
105	GOM_NL__2PRFIN20070619_094230_000000412059_00108_27717_1126.N1	19-JUN-2007 09:42:30	Twi_and_stray	40.500	40	The Sco	1.8590	7100.0	81	27717	No
106	GOM_NL__2PRFIN20070619_094412_000000422059_00108_27717_1127.N1	19-JUN-2007 09:44:12	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	27717	No
107	GOM_NL__2PRFIN20070619_094535_000000402059_00108_27717_1128.N1	19-JUN-2007 09:45:35	Bright	39.500	75	26Eps Sco	2.2910	4250.0	79	27717	No
108	GOM_NL__2PRFIN20070619_094820_000000362059_00108_27717_1129.N1	19-JUN-2007 09:48:20	Bright	36.000	156	20Sig Sco	2.9030	28000.	72	27717	No
109	GOM_NL__2PRFIN20070619_095006_000000362059_00108_27717_1130.N1	19-JUN-2007 09:50:06	Bright	35.500	97	8Bet1Sco	2.5610	30000.	71	27717	No
110	GOM_NL__2PRFIN20070619_095224_000000372059_00108_27717_1131.N1	19-JUN-2007 09:52:24	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27717	No
111	GOM_NL__2PRFIN20070619_095430_000000352059_00108_27717_1132.N1	19-JUN-2007 09:54:30	Bright	35.000	120	1Del Oph	2.7340	3200.0	70	27717	No
112	GOM_NL__2PRFIN20070619_095734_000000372059_00108_27717_1133.N1	19-JUN-2007 09:57:34	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	27717	No
113	GOM_NL__2PRFIN20070619_100135_000000382059_00108_27717_1134.N1	19-JUN-2007 10:01:35	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	27717	No
114	GOM_NL__2PRFIN20070619_100315_000000372059_00108_27717_1135.N1	19-JUN-2007 10:03:15	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	27717	No
115	GOM_NL__2PRFIN20070619_101258_000000362059_00108_27717_1136.N1	19-JUN-2007 10:12:58	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	27717	No
116	GOM_NL__2PRFIN20070619_101633_000000362059_00108_27717_1137.N1	19-JUN-2007 10:16:33	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	27717	No
117	GOM_NL__2PRFIN20070619_102107_000000362059_00108_27717_1138.N1	19-JUN-2007 10:21:07	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27717	No
118	GOM_NL__2PRFIN20070619_103125_000000532059_00108_27717_1139.N1	19-JUN-2007 10:31:25	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27717	No
119	GOM_NL__2PRFIN20070619_104539_000000422059_00108_27717_1140.N1	19-JUN-2007 10:45:39	Dark	42.000	94	92Alp Cet	2.5260	3100.0	84	27717	No
120	GOM_NL__2PRFIN20070619_110338_000000482059_00108_27717_1141.N1	19-JUN-2007 11:03:38	Dark	48.000	9	Alp Eri	0.45300	24000.	96	27717	No
121	GOM_NL__2PRFIN20070619_110856_000000362059_00109_27718_1149.N1	19-JUN-2007 11:08:56	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	27718	No
122	GOM_NL__2PRFIN20070619_111957_000000392059_00109_27718_1150.N1	19-JUN-2007 11:19:57	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	27718	No
123	GOM_NL__2PRFIN20070619_112120_000000372059_00109_27718_1151.N1	19-JUN-2007 11:21:20	Straylight	37.000	147	Alp Ara	2.8770	26000.	74	27718	No
124	GOM_NL__2PRFIN20070619_112306_000000442059_00109_27718_1152.N1	19-JUN-2007 11:23:06	Twi_and_stray	44.000	40	The Sco	1.8590	7100.0	88	27718	No
125	GOM_NL__2PRFIN20070619_112448_000000422059_00109_27718_1153.N1	19-JUN-2007 11:24:48	Twi_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	27718	No
126	GOM_NL__2PRFIN20070619_112612_000000462059_00109_27718_1154.N1	19-JUN-2007 11:26:12	Bright	46.000	75	26Eps Sco	2.2910	4250.0	92	27718	No
127	GOM_NL__2PRFIN20070619_112856_000000362059_00109_27718_1155.N1	19-JUN-2007 11:28:56	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27718	No
128	GOM_NL__2PRFIN20070619_113116_000000262059_00109_27718_1156.N1	19-JUN-2007 11:31:16	Twi_and_stray	26.000	86	35Eta Oph	2.4300	10200.	52	27718	No
129	GOM_NL__2PRFIN20070619_113300_000000372059_00109_27718_1157.N1	19-JUN-2007 11:33:00	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	27718	No
130	GOM_NL__2PRFIN20070619_113506_000000352059_00109_27718_1158.N1	19-JUN-2007 11:35:06	Bright	35.000	120	1Del Oph	2.7340	3200.0	70	27718	No
131	GOM_NL__2PRFIN20070619_113810_000000372059_00109_27718_1159.N1	19-JUN-2007 11:38:10	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	27718	No
132	GOM_NL__2PRFIN20070619_114211_000000372059_00109_27718_1160.N1	19-JUN-2007 11:42:11	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27718	No
133	GOM_NL__2PRFIN20070619_114351_000000362059_00109_27718_1161.N1	19-JUN-2007 11:43:51	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	27718	No
134	GOM_NL__2PRFIN20070619_115333_000000372059_00109_27718_1162.N1	19-JUN-2007 11:53:33	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27718	No
135	GOM_NL__2PRFIN20070619_115709_000000372059_00109_27718_1163.N1	19-JUN-2007 11:57:09	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27718	No
136	GOM_NL__2PRFIN20070619_120143_000000362059_00109_27718_1164.N1	19-JUN-2007 12:01:43	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27718	No
137	GOM_NL__2PRFIN20070619_121201_000000342059_00109_27718_1165.N1	19-JUN-2007 12:12:01	Bright	33.500	160	23Gam Per	2.9300	4700.0	67	27718	No
138	GOM_NL__2PRFIN20070619_122615_000000462059_00109_27718_1166.N1	19-JUN-2007 12:26:15	Dark	45.500	94	92Alp Cet	2.5260	3100.0	91	27718	No
139	GOM_NL__2PRFIN20070619_124414_000000462059_00109_27718_1167.N1	19-JUN-2007 12:44:14	Dark	46.000	9	Alp Eri	0.45300	24000.	92	27718	No
140	GOM_NL__2PRFIN20070619_124932_000000362059_00110_27719_1172.N1	19-JUN-2007 12:49:32	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	27719	No
141	GOM_NL__2PRFIN20070619_130033_000000372059_00110_27719_1173.N1	19-JUN-2007 13:00:33	Straylight	36.500	141	Bet Ara	2.8400	4600.0	73	27719	No
142	GOM_NL__2PRFIN20070619_130156_000000392059_00110_27719_1174.N1	19-JUN-2007 13:01:56	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	27719	No
143	GOM_NL__2PRFIN20070619_130342_000000422059_00110_27719_1175.N1	19-JUN-2007 13:03:42	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	27719	No
144	GOM_NL__2PRFIN20070619_130524_000000402059_00110_27719_1176.N1	19-JUN-2007 13:05:24	Twi_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	27719	No
145	GOM_NL__2PRFIN20070619_130648_000000432059_00110_27719_1177.N1	19-JUN-2007 13:06:48	Bright	43.000	75	26Eps Sco	2.2910	4250.0	86	27719	No
146	GOM_NL__2PRFIN20070619_130932_000000362059_00110_27719_1178.N1	19-JUN-2007 13:09:32	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27719	No
147	GOM_NL__2PRFIN20070619_131152_000000262059_00110_27719_1179.N1	19-JUN-2007 13:11:52	Twi_and_stray	26.000	86	35Eta Oph	2.4300	10200.	52	27719	No
148	GOM_NL__2PRFIN20070619_131336_000000362059_00110_27719_1180.N1	19-JUN-2007 13:13:36	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27719	No
149	GOM_NL__2PRFIN20070619_131542_000000362059_00110_27719_1181.N1	19-JUN-2007 13:15:42	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	27719	No
150	GOM_NL__2PRFIN20070619_131846_000000372059_00110_27719_1182.N1	19-JUN-2007 13:18:46	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	27719	No
151	GOM_NL__2PRFIN20070619_132247_000000352059_00110_27719_1183.N1	19-JUN-2007 13:22:47	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	27719	No
152	GOM_NL__2PRFIN20070619_132427_000000342059_00110_27719_1184.N1	19-JUN-2007 13:24:27	Bright	34.000	67	5Alp CrB	2.2210	11000.	68	27719	No
153	GOM_NL__2PRFIN20070619_133409_000000372059_00110_27719_1185.N1	19-JUN-2007 13:34:09	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27719	No
154	GOM_NL__2PRFIN20070619_133745_000000372059_00110_27719_1186.N1	19-JUN-2007 13:37:45	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27719	No
155	GOM_NL__2PRFIN20070619_134219_000000332059_00110_27719_1187.N1	19-JUN-2007 13:42:19	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	27719	No
156	GOM_NL__2PRFIN20070619_135237_000000332059_00110_27719_1188.N1	19-JUN-2007 13:52:37	Bright	33.000	160	23Gam Per	2.9300	4700.0	66	27719	No
157	GOM_NL__2PRFIN20070619_140651_000000452059_00110_27719_1189.N1	19-JUN-2007 14:06:51	Dark	44.500	94	92Alp Cet	2.5260	3100.0	89	27719	No
158	GOM_NL__2PRFIN20070619_142451_000000442059_00110_27719_1190.N1	19-JUN-2007 14:24:51	Dark	43.500	9	Alp Eri	0.45300	24000.	87	27719	No
159	GOM_NL__2PRFIN20070619_143008_000000372059_00111_27720_1218.N1	19-JUN-2007 14:30:08	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	27720	No
160	GOM_NL__2PRFIN20070619_144109_000000382059_00111_27720_1219.N1	19-JUN-2007 14:41:09	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	27720	No

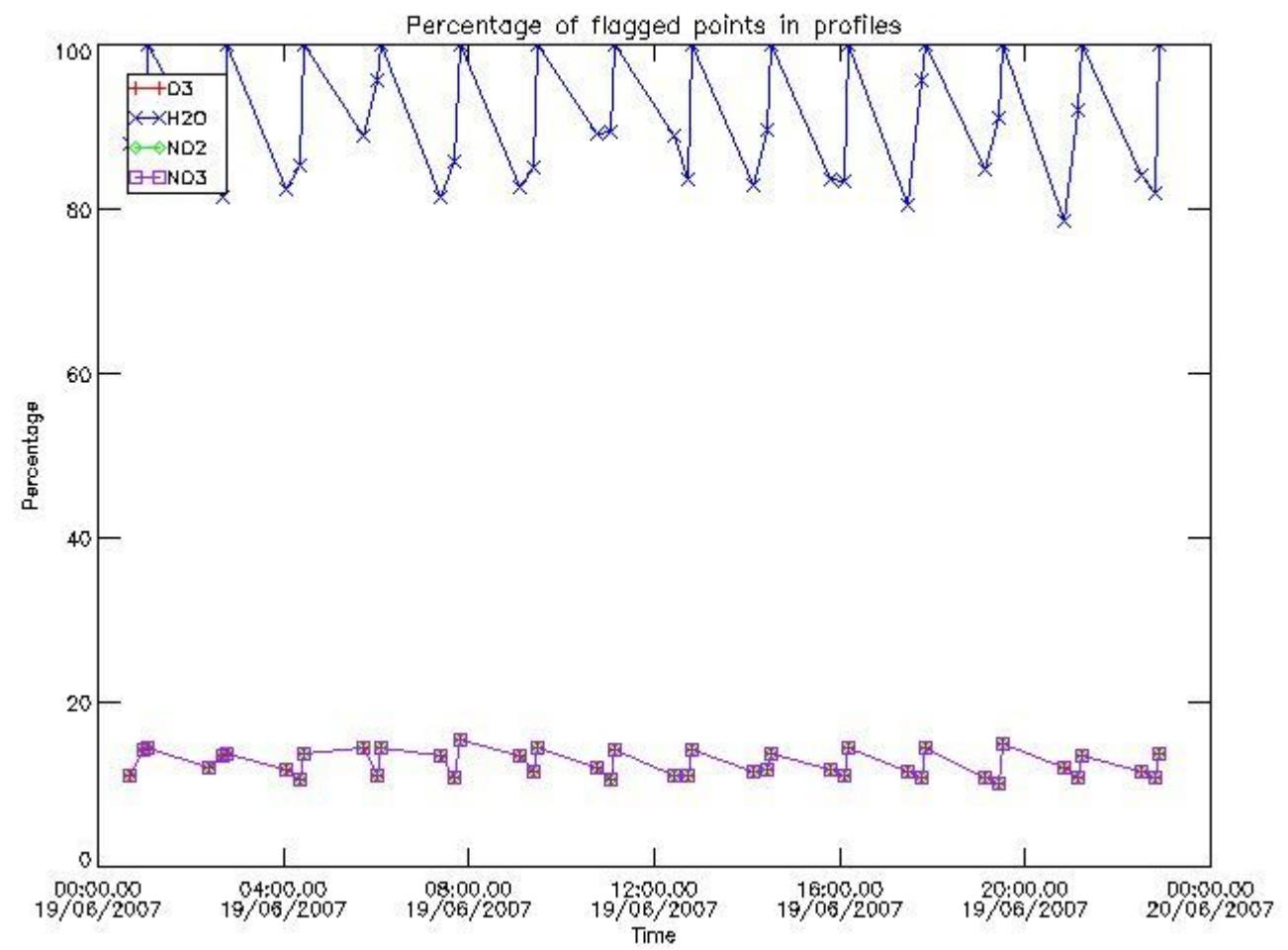
161	GOM_NL__2PRFIN20070619_144232_000000382059_00111_27720_1220.N1	19-JUN-2007 14:42:32	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27720	No
162	GOM_NL__2PRFIN20070619_144418_000000392059_00111_27720_1221.N1	19-JUN-2007 14:44:18	Tw_i_and_stray	39.000	40	The Sco	1.8590	7100.0	78	27720	No
163	GOM_NL__2PRFIN20070619_144600_000000432059_00111_27720_1222.N1	19-JUN-2007 14:46:00	Tw_i_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	27720	No
164	GOM_NL__2PRFIN20070619_144724_000000392059_00111_27720_1223.N1	19-JUN-2007 14:47:24	Bright	38.500	75	26Eps Sco	2.2910	4250.0	77	27720	No
165	GOM_NL__2PRFIN20070619_145008_000000372059_00111_27720_1224.N1	19-JUN-2007 14:50:08	Bright	37.000	156	20Sig Sco	2.9030	28000.	74	27720	No
166	GOM_NL__2PRFIN20070619_145228_000000372059_00111_27720_1225.N1	19-JUN-2007 14:52:28	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27720	No
167	GOM_NL__2PRFIN20070619_145412_000000362059_00111_27720_1226.N1	19-JUN-2007 14:54:12	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27720	No
168	GOM_NL__2PRFIN20070619_145618_000000362059_00111_27720_1227.N1	19-JUN-2007 14:56:18	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27720	No
169	GOM_NL__2PRFIN20070619_145922_000000352059_00111_27720_1228.N1	19-JUN-2007 14:59:22	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	27720	No
170	GOM_NL__2PRFIN20070619_150323_000000362059_00111_27720_1229.N1	19-JUN-2007 15:03:23	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	27720	No
171	GOM_NL__2PRFIN20070619_150504_000000372059_00111_27720_1230.N1	19-JUN-2007 15:05:04	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	27720	No
172	GOM_NL__2PRFIN20070619_151445_000000362059_00111_27720_1231.N1	19-JUN-2007 15:14:45	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	27720	No
173	GOM_NL__2PRFIN20070619_151821_000000362059_00111_27720_1232.N1	19-JUN-2007 15:18:21	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	27720	No
174	GOM_NL__2PRFIN20070619_152255_000000362059_00111_27720_1233.N1	19-JUN-2007 15:22:55	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27720	No
175	GOM_NL__2PRFIN20070619_153313_000000532059_00111_27720_1234.N1	19-JUN-2007 15:33:13	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27720	No
176	GOM_NL__2PRFIN20070619_154727_000000432059_00111_27720_1235.N1	19-JUN-2007 15:47:27	Dark	43.000	94	92Alp Cet	2.5260	3100.0	86	27720	No
177	GOM_NL__2PRFIN20070619_160527_000000462059_00111_27720_1236.N1	19-JUN-2007 16:05:27	Dark	45.500	9	Alp Eri	0.45300	24000.	91	27720	No
178	GOM_NL__2PRFIN20070619_161044_000000362059_00112_27721_1229.N1	19-JUN-2007 16:10:44	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	27721	No
179	GOM_NL__2PRFIN20070619_162145_000000392059_00112_27721_1230.N1	19-JUN-2007 16:21:45	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	27721	No
180	GOM_NL__2PRFIN20070619_162309_000000382059_00112_27721_1231.N1	19-JUN-2007 16:23:09	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27721	No
181	GOM_NL__2PRFIN20070619_162454_000000442059_00112_27721_1232.N1	19-JUN-2007 16:24:54	Tw_i_and_stray	43.500	40	The Sco	1.8590	7100.0	87	27721	No
182	GOM_NL__2PRFIN20070619_162636_000000402059_00112_27721_1233.N1	19-JUN-2007 16:26:36	Tw_i_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	27721	No
183	GOM_NL__2PRFIN20070619_162800_000000412059_00112_27721_1234.N1	19-JUN-2007 16:28:00	Bright	41.000	75	26Eps Sco	2.2910	4250.0	82	27721	No
184	GOM_NL__2PRFIN20070619_163044_000000362059_00112_27721_1235.N1	19-JUN-2007 16:30:44	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27721	No
185	GOM_NL__2PRFIN20070619_163304_000000372059_00112_27721_1236.N1	19-JUN-2007 16:33:04	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27721	No
186	GOM_NL__2PRFIN20070619_163448_000000372059_00112_27721_1237.N1	19-JUN-2007 16:34:48	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27721	No
187	GOM_NL__2PRFIN20070619_163654_000000362059_00112_27721_1238.N1	19-JUN-2007 16:36:54	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27721	No
188	GOM_NL__2PRFIN20070619_163959_000000352059_00112_27721_1239.N1	19-JUN-2007 16:39:59	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	27721	No
189	GOM_NL__2PRFIN20070619_164359_000000372059_00112_27721_1240.N1	19-JUN-2007 16:43:59	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27721	No
190	GOM_NL__2PRFIN20070619_164540_000000342059_00112_27721_1241.N1	19-JUN-2007 16:45:40	Bright	34.000	67	5Alp CrB	2.2210	11000.	68	27721	No
191	GOM_NL__2PRFIN20070619_165521_000000372059_00112_27721_1242.N1	19-JUN-2007 16:55:21	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	27721	No
192	GOM_NL__2PRFIN20070619_165857_000000372059_00112_27721_1243.N1	19-JUN-2007 16:58:57	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27721	No
193	GOM_NL__2PRFIN20070619_170331_000000362059_00112_27721_1244.N1	19-JUN-2007 17:03:31	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27721	No
194	GOM_NL__2PRFIN20070619_171349_000000532059_00112_27721_1245.N1	19-JUN-2007 17:13:49	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27721	No
195	GOM_NL__2PRFIN20070619_172804_000000442059_00112_27721_1246.N1	19-JUN-2007 17:28:04	Dark	44.000	94	92Alp Cet	2.5260	3100.0	88	27721	No
196	GOM_NL__2PRFIN20070619_174603_000000472059_00112_27721_1247.N1	19-JUN-2007 17:46:03	Dark	46.500	9	Alp Eri	0.45300	24000.	93	27721	No
197	GOM_NL__2PRFIN20070619_175121_000000362059_00113_27722_1245.N1	19-JUN-2007 17:51:21	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	27722	No
198	GOM_NL__2PRFIN20070619_180221_000000462059_00113_27722_1246.N1	19-JUN-2007 18:02:21	Straylight	45.500	141	Bet Ara	2.8400	4600.0	91	27722	No
199	GOM_NL__2PRFIN20070619_180345_000000392059_00113_27722_1247.N1	19-JUN-2007 18:03:45	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	27722	No
200	GOM_NL__2PRFIN20070619_180531_000000432059_00113_27722_1248.N1	19-JUN-2007 18:05:31	Tw_i_and_stray	43.000	40	The Sco	1.8590	7100.0	86	27722	No
201	GOM_NL__2PRFIN20070619_180713_000000442059_00113_27722_1249.N1	19-JUN-2007 18:07:13	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	27722	No
202	GOM_NL__2PRFIN20070619_180836_000000452059_00113_27722_1250.N1	19-JUN-2007 18:08:36	Bright	44.500	75	26Eps Sco	2.2910	4250.0	89	27722	No
203	GOM_NL__2PRFIN20070619_181121_000000362059_00113_27722_1251.N1	19-JUN-2007 18:11:21	Bright	36.000	156	20Sig Sco	2.9030	28000.	72	27722	No
204	GOM_NL__2PRFIN20070619_181341_000000382059_00113_27722_1252.N1	19-JUN-2007 18:13:41	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27722	No
205	GOM_NL__2PRFIN20070619_181524_000000372059_00113_27722_1253.N1	19-JUN-2007 18:15:24	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	27722	No
206	GOM_NL__2PRFIN20070619_181730_000000362059_00113_27722_1254.N1	19-JUN-2007 18:17:30	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27722	No
207	GOM_NL__2PRFIN20070619_182035_000000362059_00113_27722_1255.N1	19-JUN-2007 18:20:35	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	27722	No
208	GOM_NL__2PRFIN20070619_182435_000000372059_00113_27722_1256.N1	19-JUN-2007 18:24:35	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27722	No
209	GOM_NL__2PRFIN20070619_182616_000000362059_00113_27722_1257.N1	19-JUN-2007 18:26:16	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	27722	No
210	GOM_NL__2PRFIN20070619_183557_000000372059_00113_27722_1258.N1	19-JUN-2007 18:35:57	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27722	No
211	GOM_NL__2PRFIN20070619_183934_000000342059_00113_27722_1259.N1	19-JUN-2007 18:39:34	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	27722	No
212	GOM_NL__2PRFIN20070619_184407_000000362059_00113_27722_1260.N1	19-JUN-2007 18:44:07	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27722	No
213	GOM_NL__2PRFIN20070619_185425_000000362059_00113_27722_1261.N1	19-JUN-2007 18:54:25	Bright	36.000	160	23Gam Per	2.9300	4700.0	72	27722	No
214	GOM_NL__2PRFIN20070619_190840_000000472059_00113_27722_1262.N1	19-JUN-2007 19:08:40	Dark	46.500	94	92Alp Cet	2.5260	3100.0	93	27722	No
215	GOM_NL__2PRFIN20070619_192640_000000512059_00113_27722_1263.N1	19-JUN-2007 19:26:40	Dark	50.500	9	Alp Eri	0.45300	24000.	101	27722	No
216	GOM_NL__2PRFIN20070619_193157_000000382059_00114_27723_1262.N1	19-JUN-2007 19:31:57	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	27723	No
217	GOM_NL__2PRFIN20070619_194258_000000382059_00114_27723_1263.N1	19-JUN-2007 19:42:58	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	27723	No
218	GOM_NL__2PRFIN20070619_194421_000000372059_00114_27723_1264.N1	19-JUN-2007 19:44:21	Straylight	36.500	147	Alp Ara	2.8770	26000.	73	27723	No
219	GOM_NL__2PRFIN20070619_194607_000000422059_00114_27723_1265.N1	19-JUN-2007 19:46:07	Tw_i_and_stray	41.500	40	The Sco	1.8590	7100.0	83	27723	No

220	GOM_NL__2PRFIN20070619_194749_000000402059_00114_27723_1266.N1	19-JUN-2007 19:47:49	Twilight	40.000	25	35Lam Sco	1.6200	28000.	80	27723	No
221	GOM_NL__2PRFIN20070619_194912_000000432059_00114_27723_1267.N1	19-JUN-2007 19:49:12	Bright	43.000	75	26Eps Sco	2.2910	4250.0	86	27723	No
222	GOM_NL__2PRFIN20070619_195157_000000362059_00114_27723_1268.N1	19-JUN-2007 19:51:57	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27723	No
223	GOM_NL__2PRFIN20070619_195416_000000382059_00114_27723_1269.N1	19-JUN-2007 19:54:16	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27723	No
224	GOM_NL__2PRFIN20070619_195600_000000352059_00114_27723_1270.N1	19-JUN-2007 19:56:00	Bright	35.000	98	13Zet Oph	2.5710	30000.	70	27723	No
225	GOM_NL__2PRFIN20070619_195806_000000372059_00114_27723_1271.N1	19-JUN-2007 19:58:06	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	27723	No
226	GOM_NL__2PRFIN20070619_200111_000000362059_00114_27723_1272.N1	19-JUN-2007 20:01:11	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	27723	No
227	GOM_NL__2PRFIN20070619_200511_000000372059_00114_27723_1273.N1	19-JUN-2007 20:05:11	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27723	No
228	GOM_NL__2PRFIN20070619_200652_000000372059_00114_27723_1274.N1	19-JUN-2007 20:06:52	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	27723	No
229	GOM_NL__2PRFIN20070619_201633_000000382059_00114_27723_1275.N1	19-JUN-2007 20:16:33	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	27723	No
230	GOM_NL__2PRFIN20070619_202010_000000362059_00114_27723_1276.N1	19-JUN-2007 20:20:10	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	27723	No
231	GOM_NL__2PRFIN20070619_202443_000000362059_00114_27723_1277.N1	19-JUN-2007 20:24:43	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27723	No
232	GOM_NL__2PRFIN20070619_203501_000000352059_00114_27723_1278.N1	19-JUN-2007 20:35:01	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	27723	No
233	GOM_NL__2PRFIN20070619_204916_000000432059_00114_27723_1279.N1	19-JUN-2007 20:49:16	Dark	42.500	94	92Alp Cet	2.5260	3100.0	85	27723	No
234	GOM_NL__2PRFIN20070619_210716_000000522059_00114_27723_1280.N1	19-JUN-2007 21:07:16	Dark	51.500	9	Alp Eri	0.45300	24000.	103	27723	No
235	GOM_NL__2PRFIN20070619_211233_000000382059_00115_27724_1275.N1	19-JUN-2007 21:12:33	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	27724	No
236	GOM_NL__2PRFIN20070619_212334_000000452059_00115_27724_1276.N1	19-JUN-2007 21:23:34	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	27724	No
237	GOM_NL__2PRFIN20070619_212457_000000382059_00115_27724_1277.N1	19-JUN-2007 21:24:57	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27724	No
238	GOM_NL__2PRFIN20070619_212643_000000452059_00115_27724_1278.N1	19-JUN-2007 21:26:43	Twilight	45.000	40	The Sco	1.8590	7100.0	90	27724	No
239	GOM_NL__2PRFIN20070619_212825_000000412059_00115_27724_1279.N1	19-JUN-2007 21:28:25	Twilight	41.000	25	35Lam Sco	1.6200	28000.	82	27724	No
240	GOM_NL__2PRFIN20070619_212948_000000382059_00115_27724_1280.N1	19-JUN-2007 21:29:48	Bright	38.000	75	26Eps Sco	2.2910	4250.0	76	27724	No
241	GOM_NL__2PRFIN20070619_213233_000000372059_00115_27724_1281.N1	19-JUN-2007 21:32:33	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27724	No
242	GOM_NL__2PRFIN20070619_213453_000000372059_00115_27724_1282.N1	19-JUN-2007 21:34:53	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27724	No
243	GOM_NL__2PRFIN20070619_213636_000000362059_00115_27724_1283.N1	19-JUN-2007 21:36:36	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27724	No
244	GOM_NL__2PRFIN20070619_213842_000000372059_00115_27724_1284.N1	19-JUN-2007 21:38:42	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27724	No
245	GOM_NL__2PRFIN20070619_214147_000000352059_00115_27724_1285.N1	19-JUN-2007 21:41:47	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	27724	No
246	GOM_NL__2PRFIN20070619_214547_000000372059_00115_27724_1286.N1	19-JUN-2007 21:45:47	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27724	No
247	GOM_NL__2PRFIN20070619_214728_000000372059_00115_27724_1287.N1	19-JUN-2007 21:47:28	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	27724	No
248	GOM_NL__2PRFIN20070619_215709_000000342059_00115_27724_1288.N1	19-JUN-2007 21:57:09	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	27724	No
249	GOM_NL__2PRFIN20070619_220046_000000362059_00115_27724_1289.N1	19-JUN-2007 22:00:46	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	27724	No
250	GOM_NL__2PRFIN20070619_220519_000000332059_00115_27724_1290.N1	19-JUN-2007 22:05:19	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	27724	No
251	GOM_NL__2PRFIN20070619_221537_000000532059_00115_27724_1291.N1	19-JUN-2007 22:15:37	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27724	No
252	GOM_NL__2PRFIN20070619_222952_000000442059_00115_27724_1292.N1	19-JUN-2007 22:29:52	Dark	44.000	94	92Alp Cet	2.5260	3100.0	88	27724	No
253	GOM_NL__2PRFIN20070619_224752_000000482059_00115_27724_1293.N1	19-JUN-2007 22:47:52	Dark	47.500	9	Alp Eri	0.45300	24000.	95	27724	No
254	GOM_NL__2PRFIN20070619_225309_000000372059_00116_27725_1299.N1	19-JUN-2007 22:53:09	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	27725	No
255	GOM_NL__2PRFIN20070619_230410_000000392059_00116_27725_1300.N1	19-JUN-2007 23:04:10	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	27725	No
256	GOM_NL__2PRFIN20070619_230533_000000382059_00116_27725_1301.N1	19-JUN-2007 23:05:33	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27725	No
257	GOM_NL__2PRFIN20070619_230719_000000442059_00116_27725_1302.N1	19-JUN-2007 23:07:19	Twilight	43.500	40	The Sco	1.8590	7100.0	87	27725	No
258	GOM_NL__2PRFIN20070619_230901_000000442059_00116_27725_1303.N1	19-JUN-2007 23:09:01	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	27725	No
259	GOM_NL__2PRFIN20070619_231025_000000422059_00116_27725_1304.N1	19-JUN-2007 23:10:25	Bright	42.000	75	26Eps Sco	2.2910	4250.0	84	27725	No
260	GOM_NL__2PRFIN20070619_231309_000000362059_00116_27725_1305.N1	19-JUN-2007 23:13:09	Bright	36.000	156	20Sig Sco	2.9030	28000.	72	27725	No
261	GOM_NL__2PRFIN20070619_231528_000000382059_00116_27725_1306.N1	19-JUN-2007 23:15:28	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27725	No
262	GOM_NL__2PRFIN20070619_231712_000000362059_00116_27725_1307.N1	19-JUN-2007 23:17:12	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27725	No
263	GOM_NL__2PRFIN20070619_231918_000000372059_00116_27725_1308.N1	19-JUN-2007 23:19:18	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27725	No
264	GOM_NL__2PRFIN20070619_232223_000000362059_00116_27725_1309.N1	19-JUN-2007 23:22:23	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27725	No
265	GOM_NL__2PRFIN20070619_232623_000000362059_00116_27725_1310.N1	19-JUN-2007 23:26:23	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	27725	No
266	GOM_NL__2PRFIN20070619_232804_000000352059_00116_27725_1311.N1	19-JUN-2007 23:28:04	Bright	34.500	67	5Alp CrB	2.2210	11000.	69	27725	No
267	GOM_NL__2PRFIN20070619_233744_000000372059_00116_27725_1312.N1	19-JUN-2007 23:37:44	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27725	No
268	GOM_NL__2PRFIN20070619_234122_000000362059_00116_27725_1313.N1	19-JUN-2007 23:41:22	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	27725	No
269	GOM_NL__2PRFIN20070619_234555_000000332059_00116_27725_1314.N1	19-JUN-2007 23:45:55	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	27725	No
270	GOM_NL__2PRFIN20070619_235612_000000382059_00116_27725_1315.N1	19-JUN-2007 23:56:12	Bright	37.500	160	23Gam Per	2.9300	4700.0	75	27725	No

3. Quality information per product

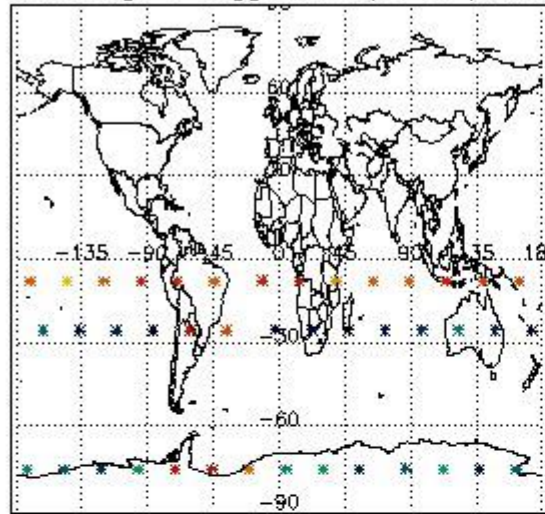
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

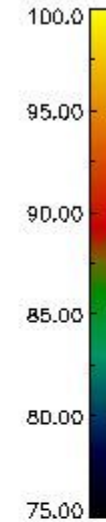
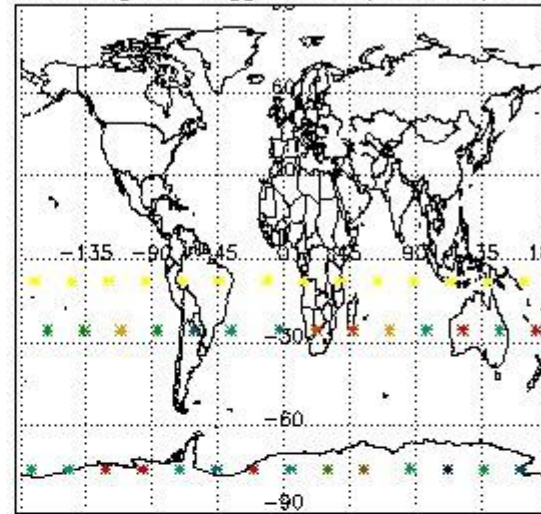


3.2 Plot quality information per product (world map)

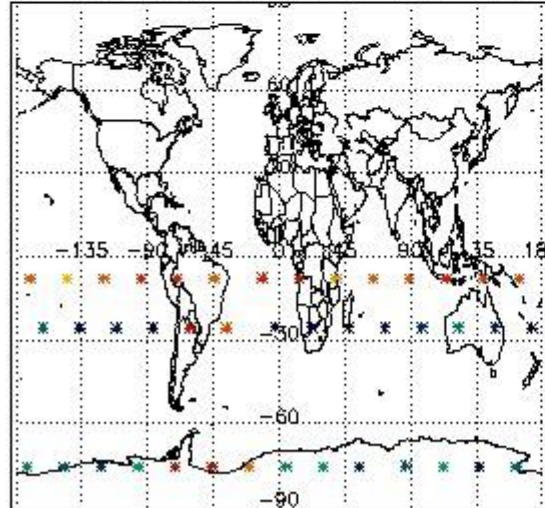
Percentage of flagged data per O3 profile



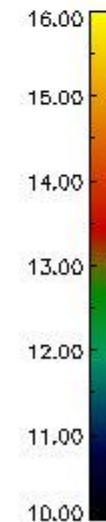
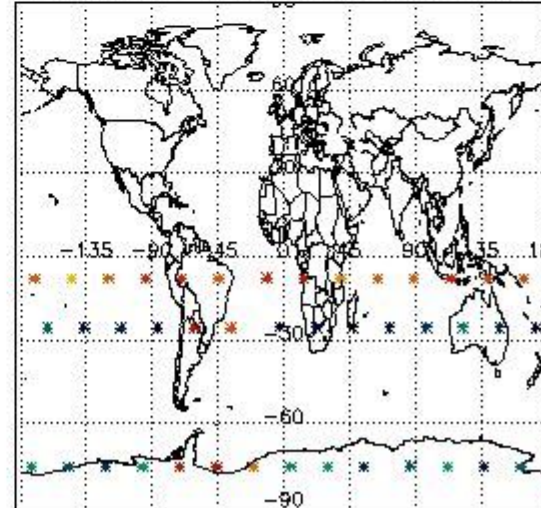
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

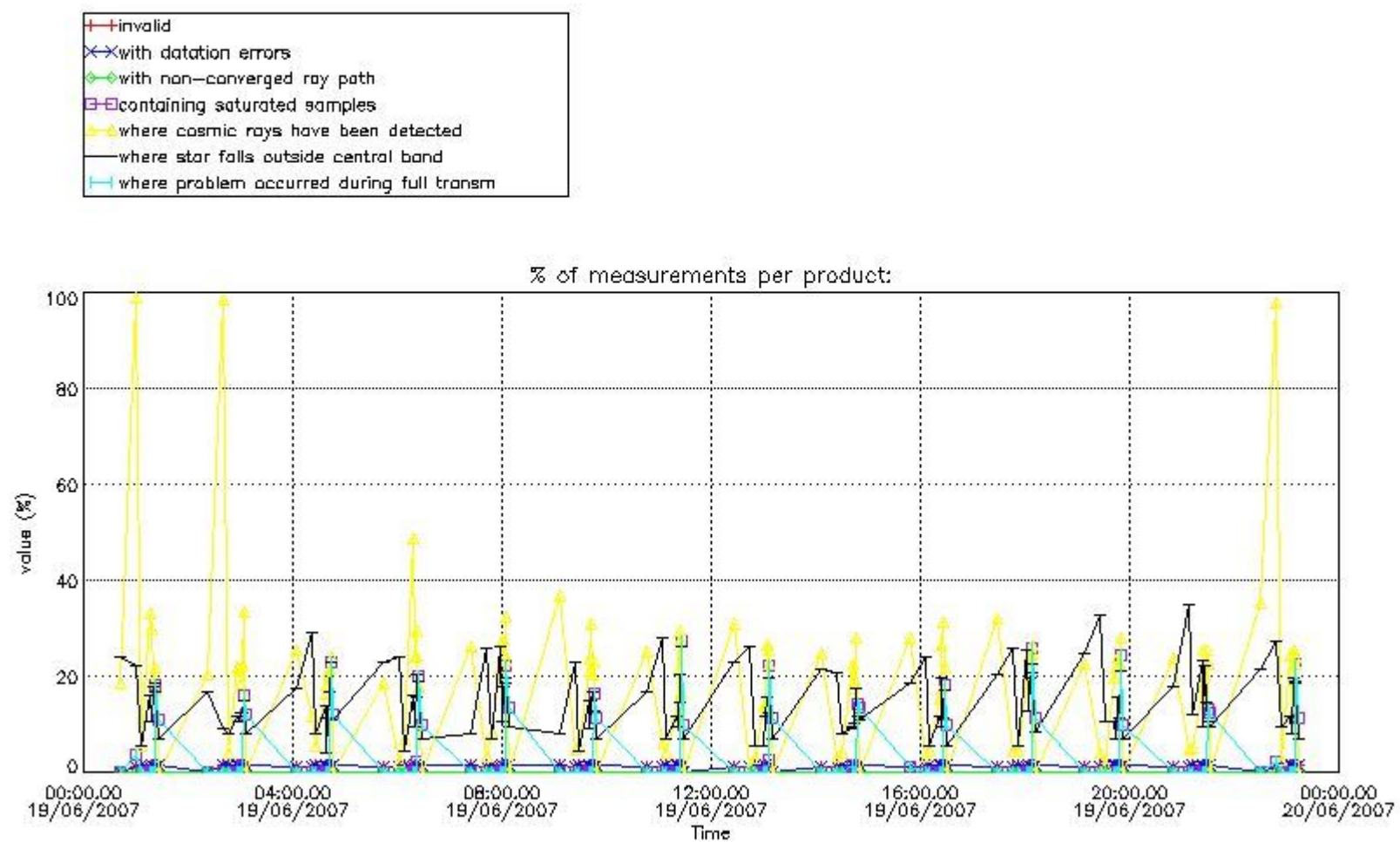


4. Level 1 quality information per product

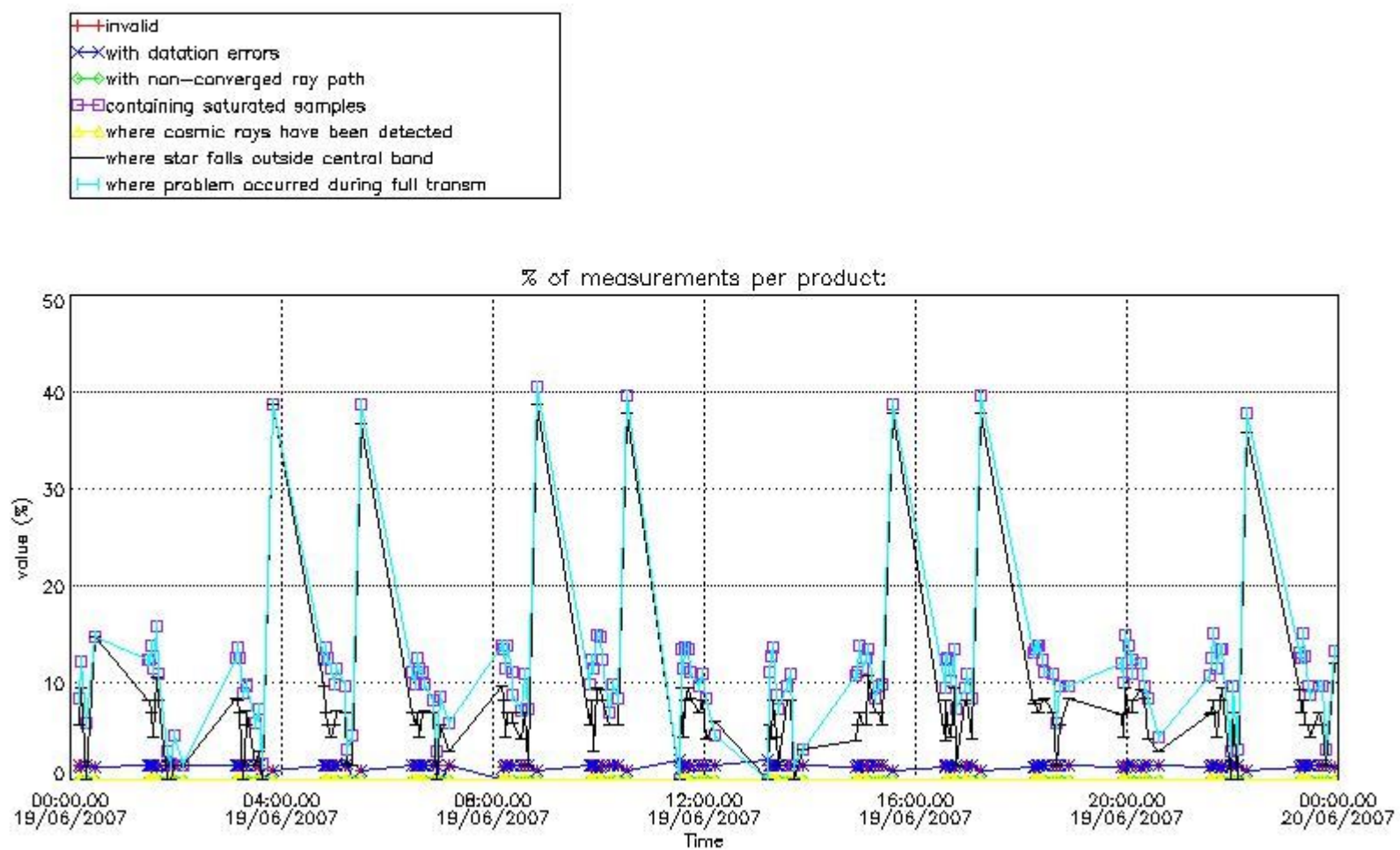
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



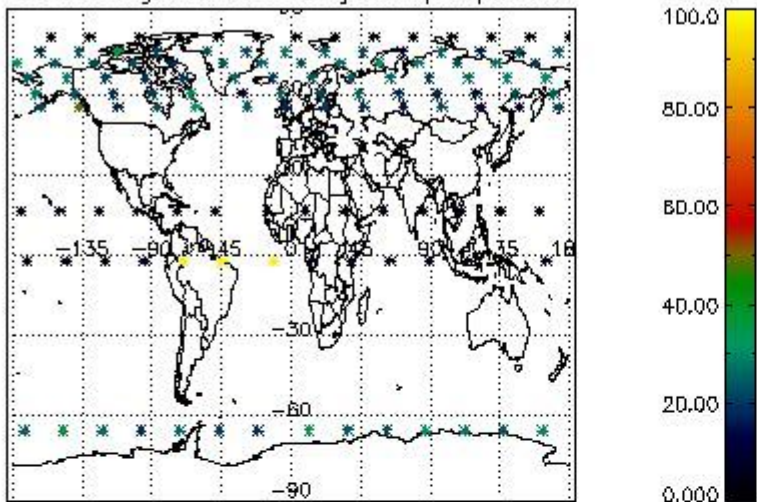
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



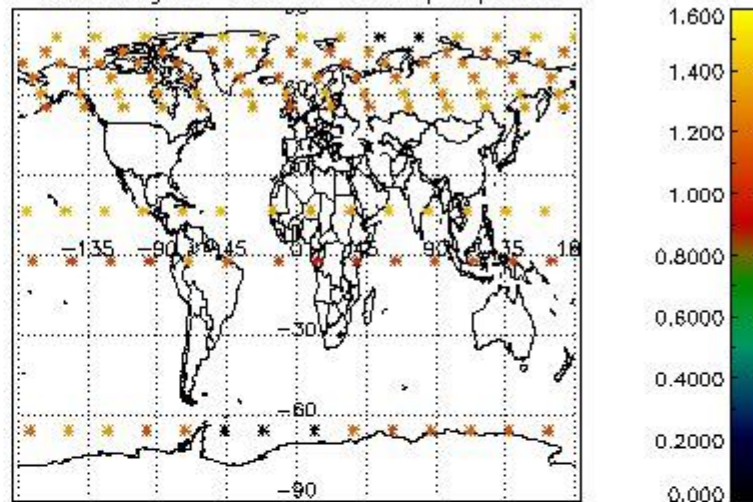
4.2 Plot quality information per product coming from level 1b processing (world map)

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

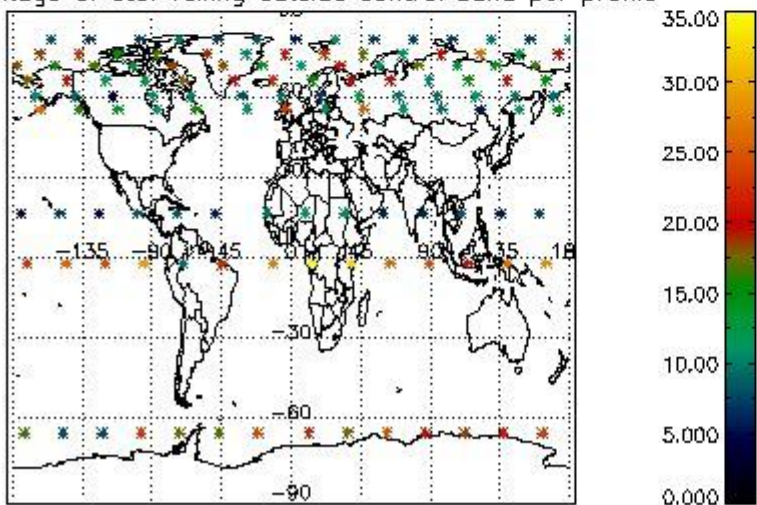
Percentage of cosmic ray hits per profile



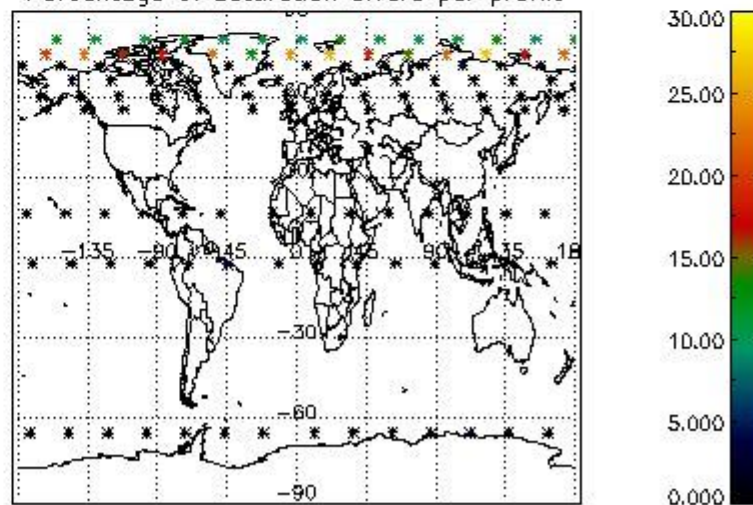
Percentage of datation errors per profile



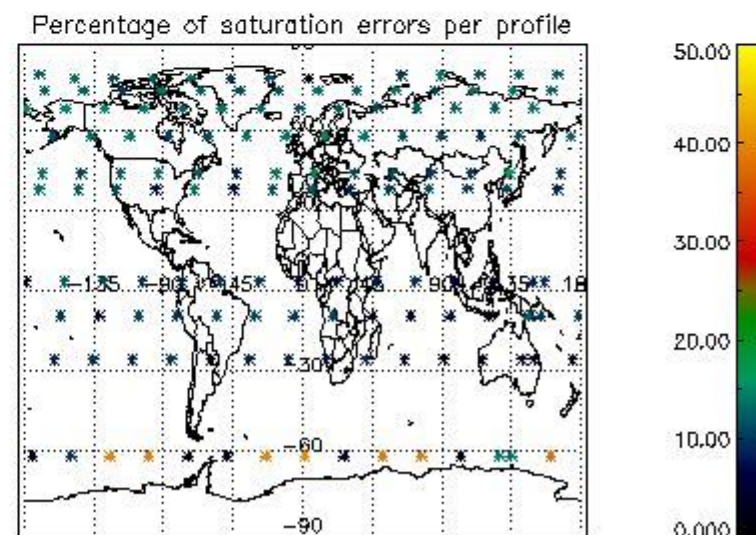
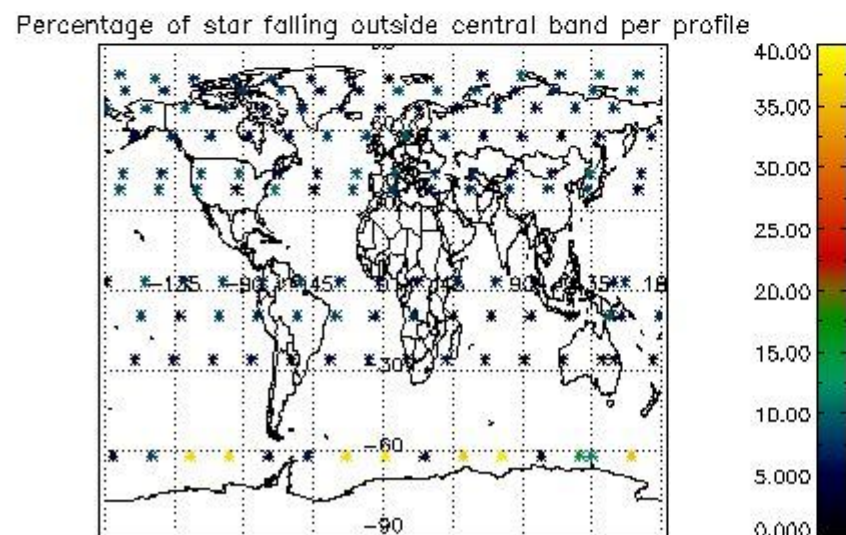
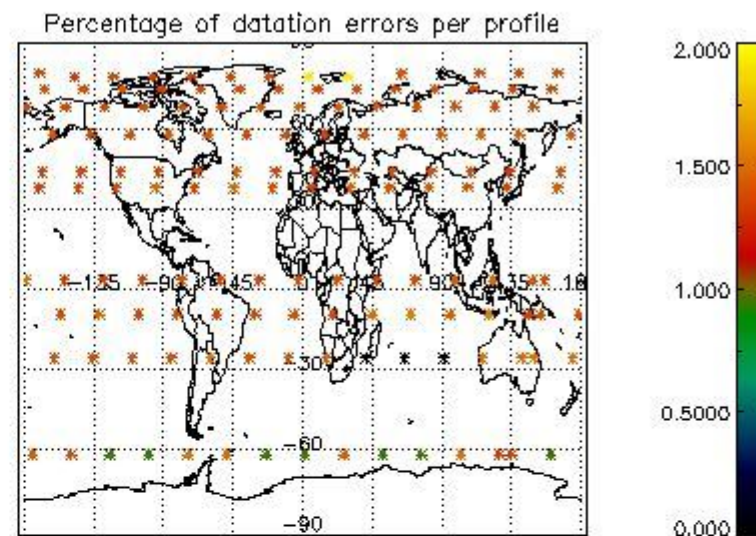
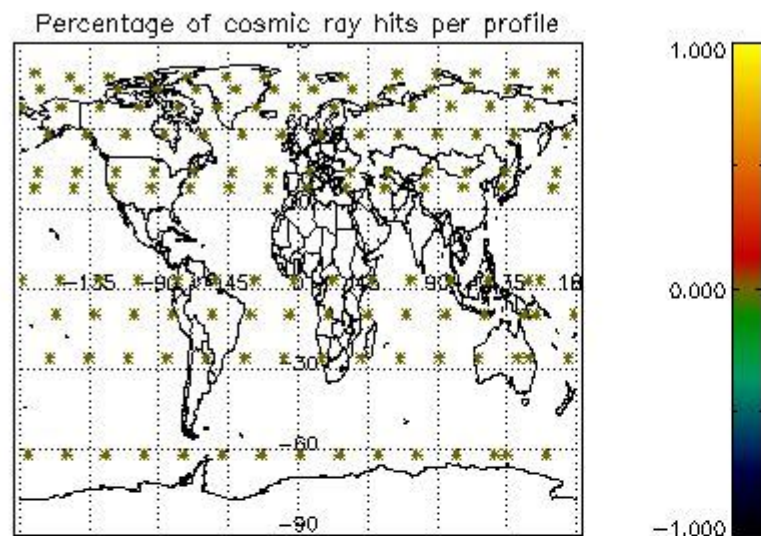
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



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

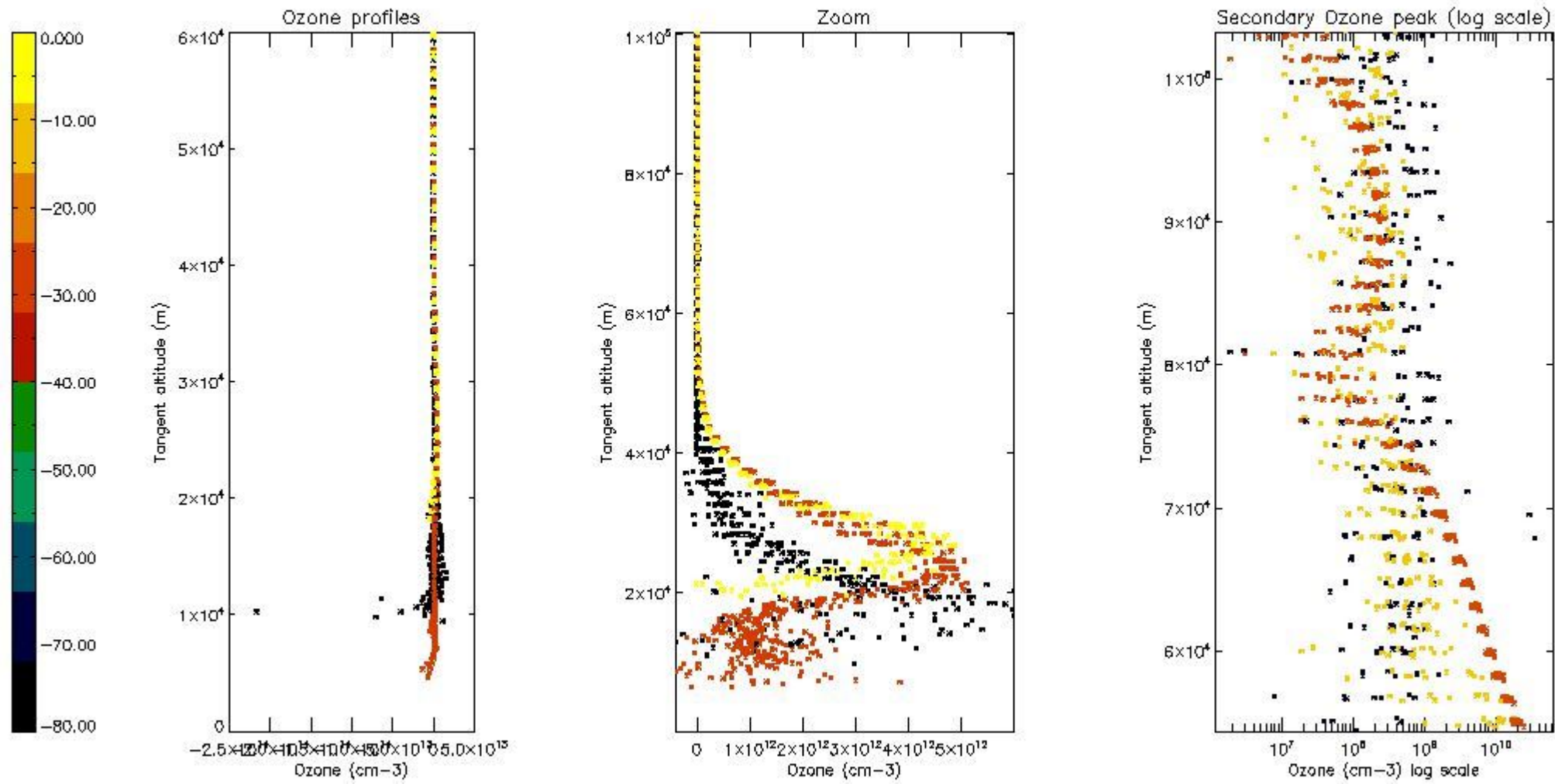
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	18
STD < 20	7

STD < 10	5
STD < 5	3

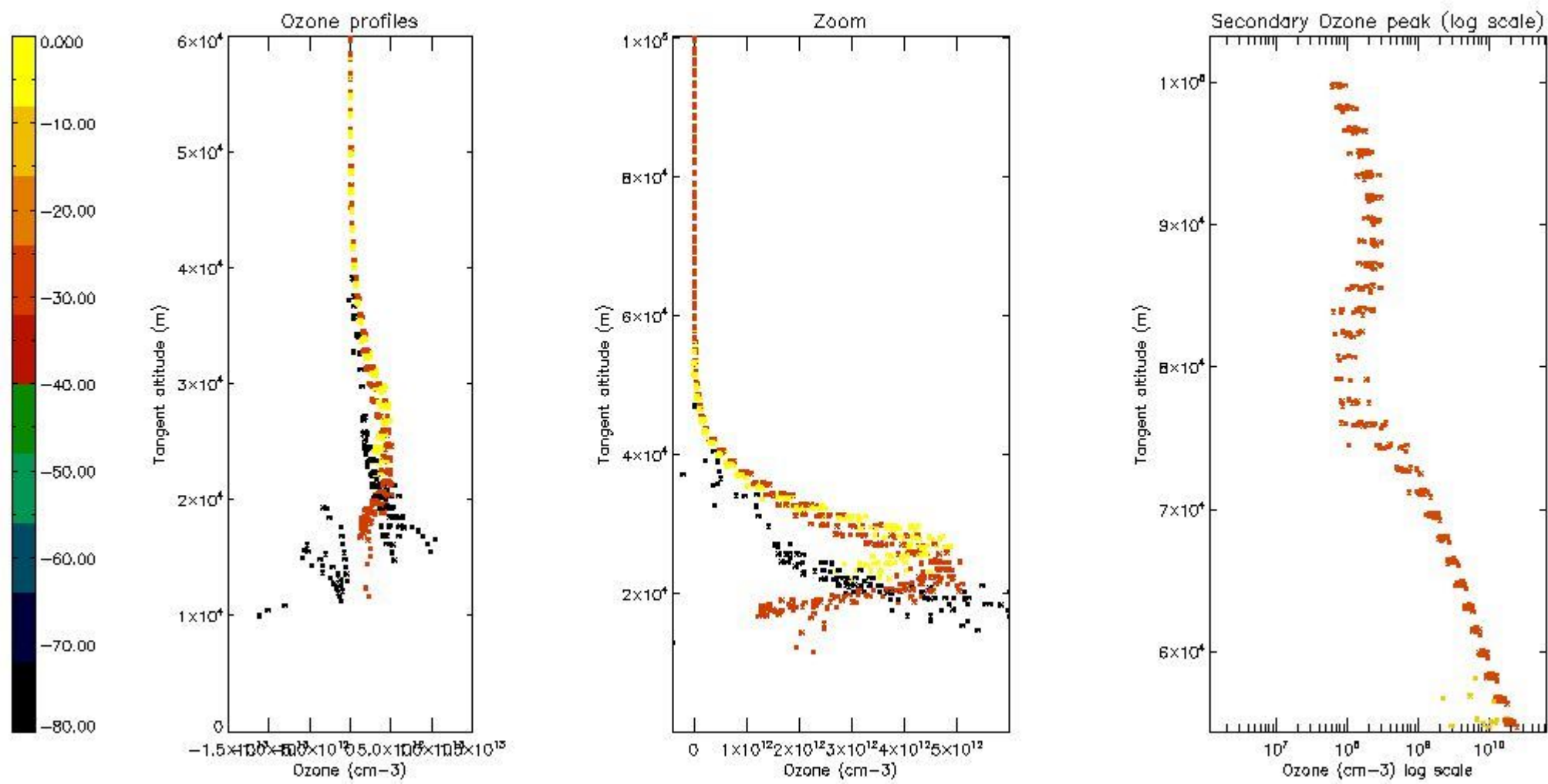
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



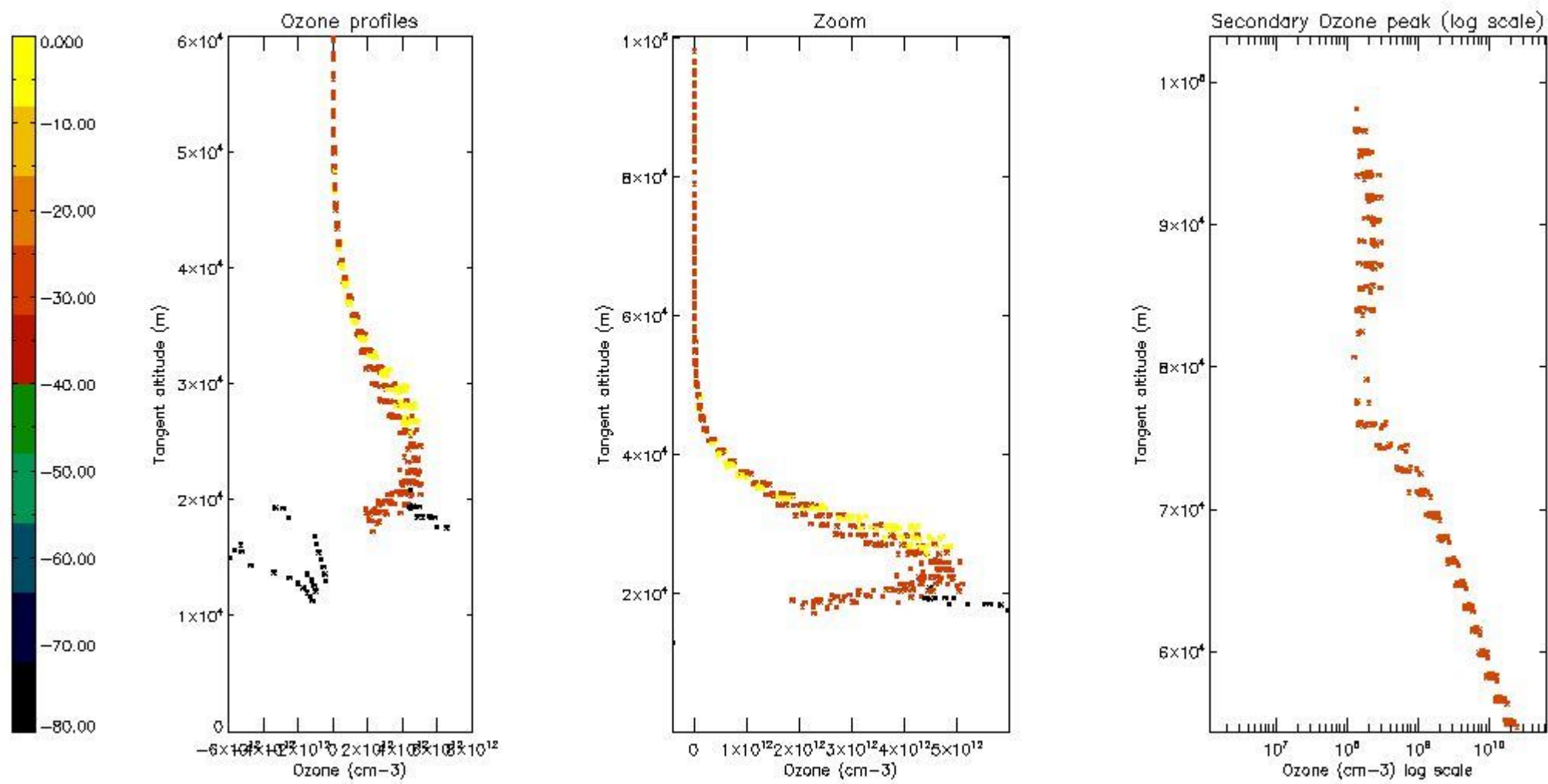
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



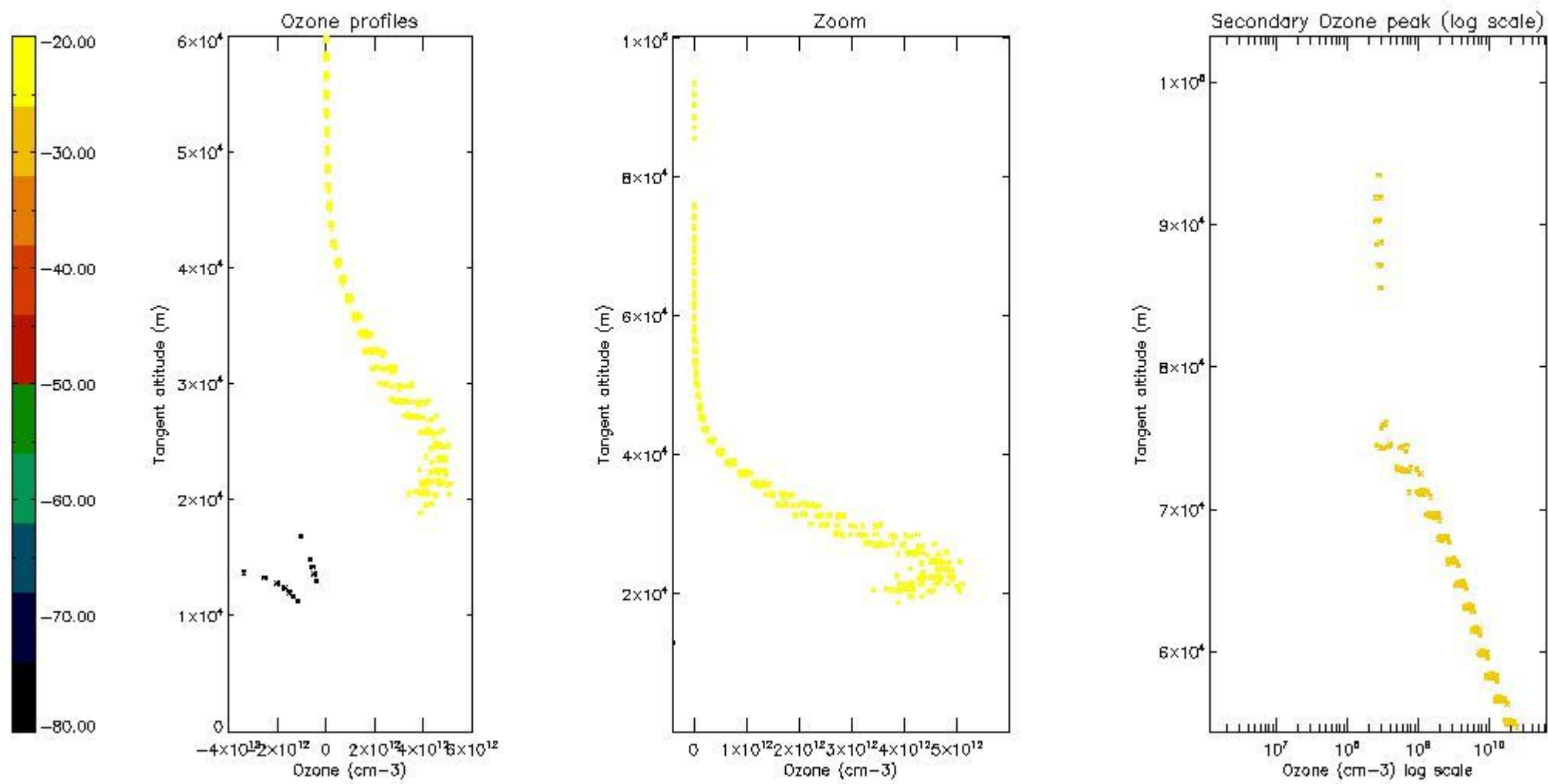
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



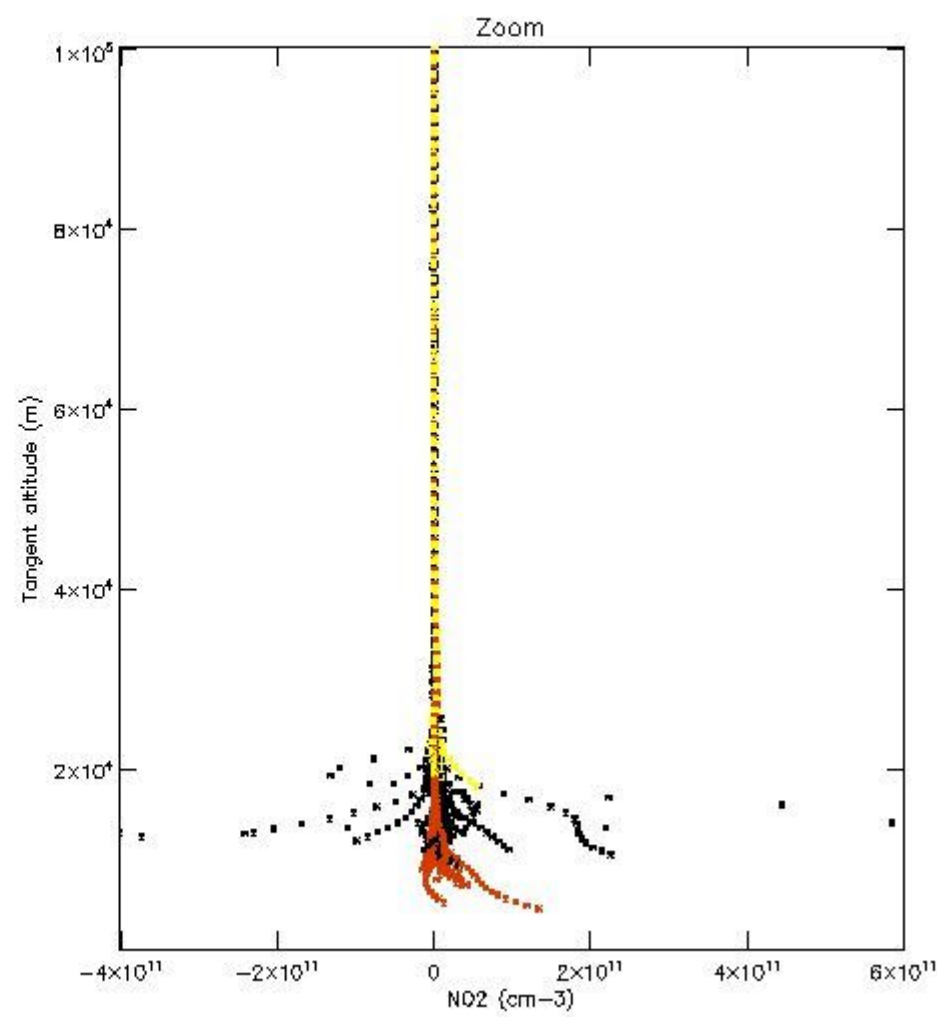
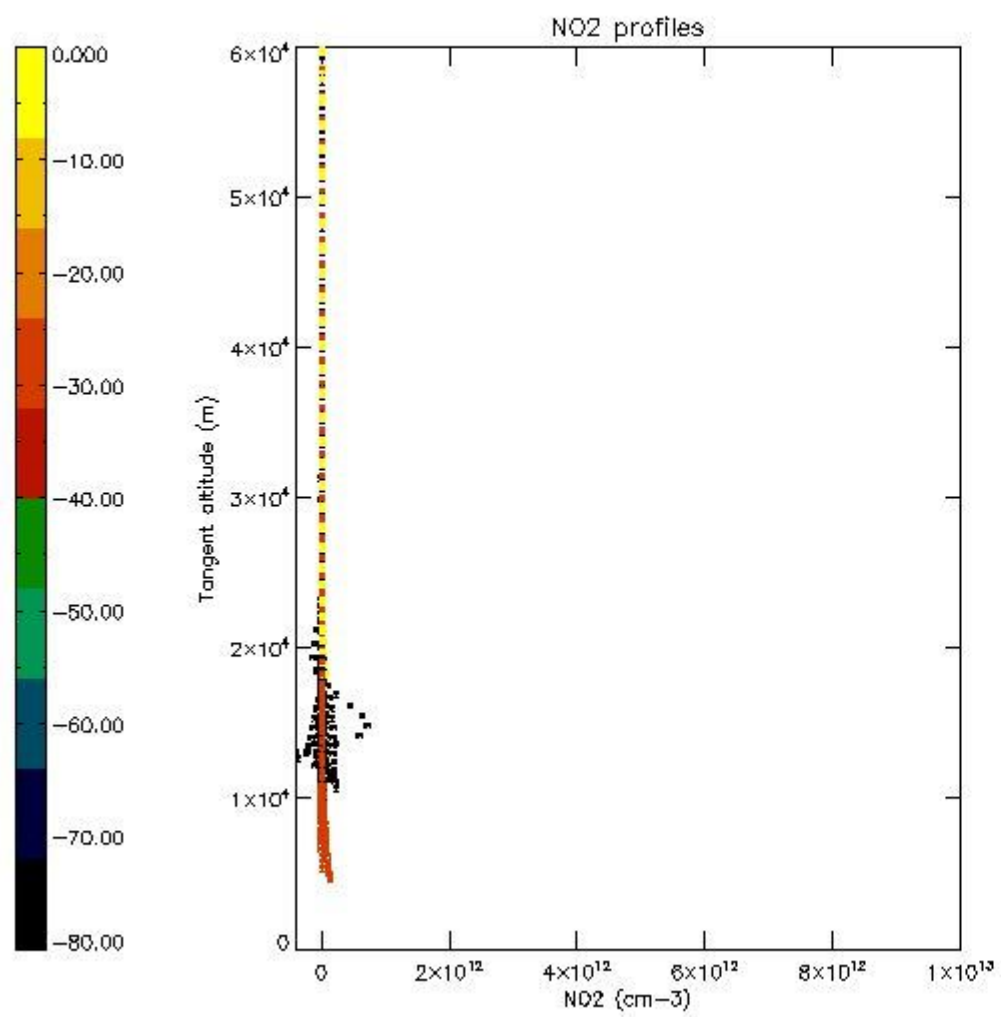
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



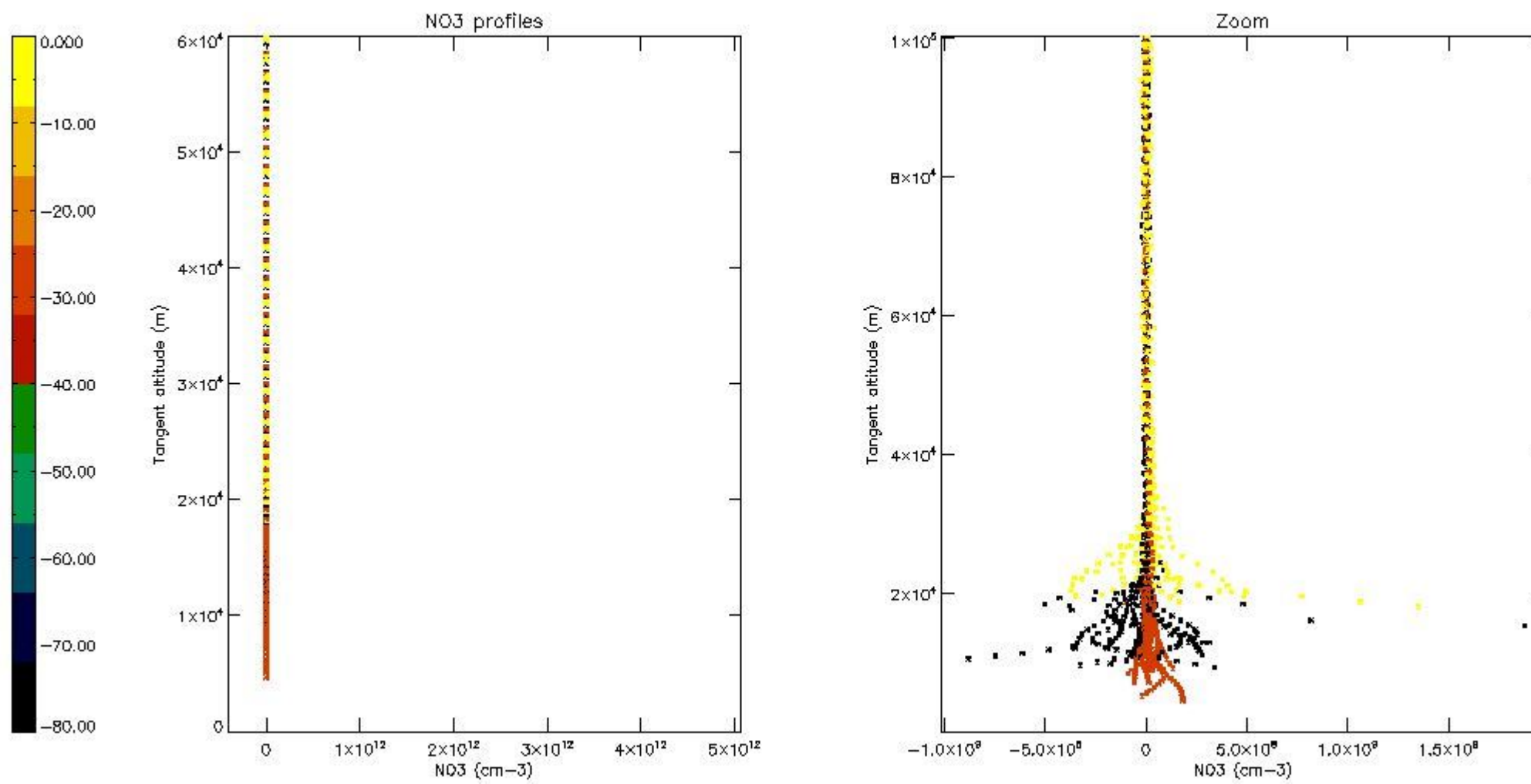
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

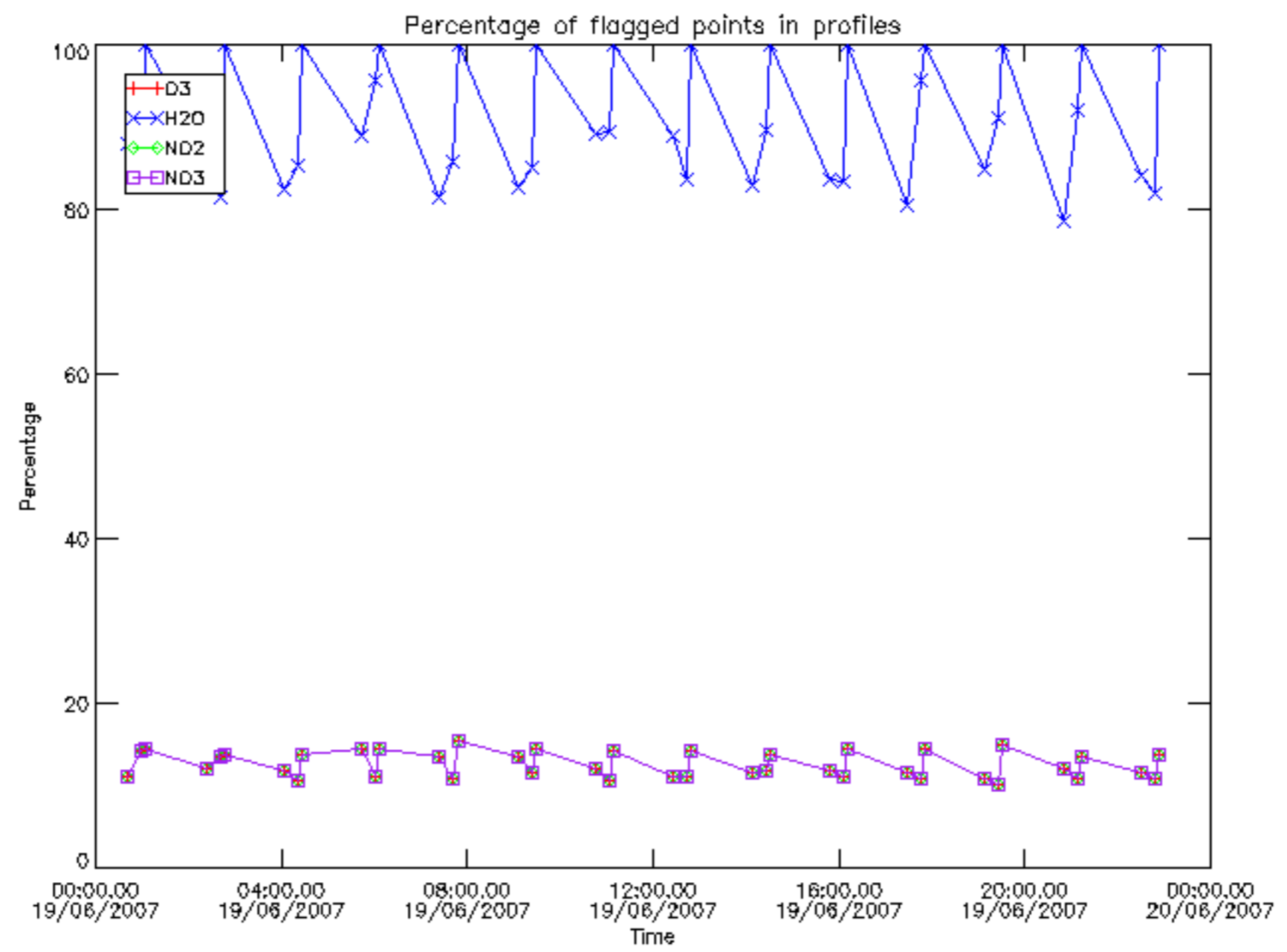
The colorbar represents the latitude.



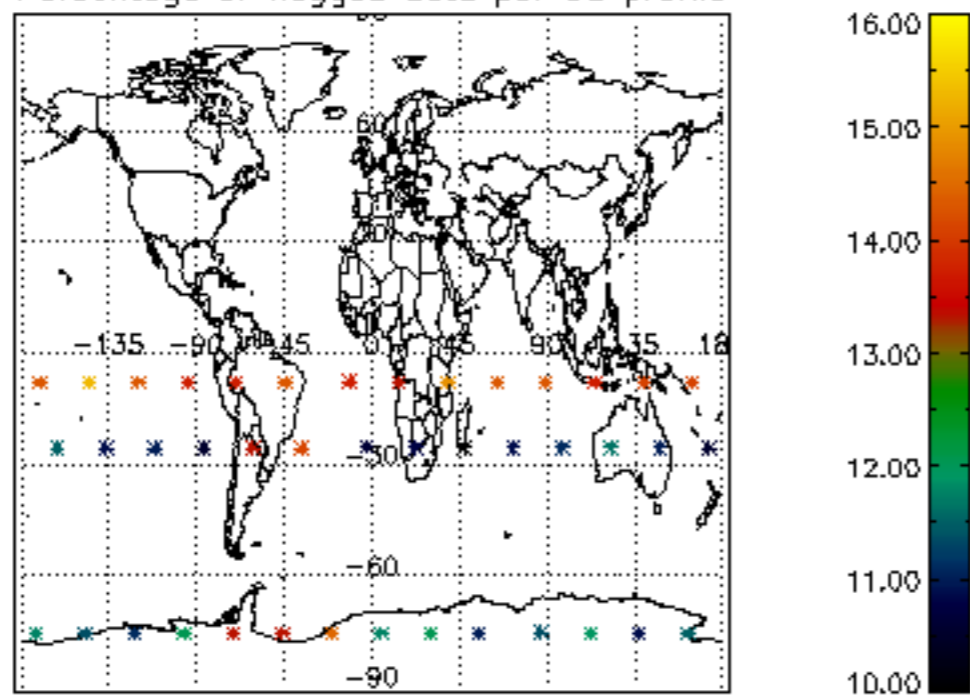
6. Auxiliary Data Files used for the production reported in section 2

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

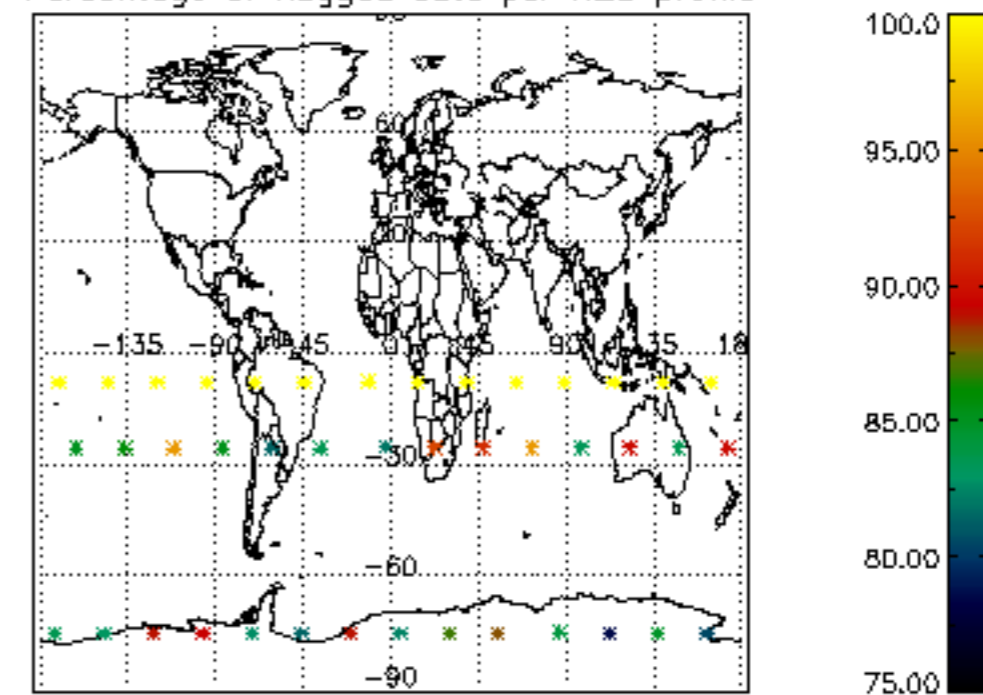
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	19-JUN-2007 00:09:22
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	19-JUN-2007 00:09:22
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	19-JUN-2007 00:09:22



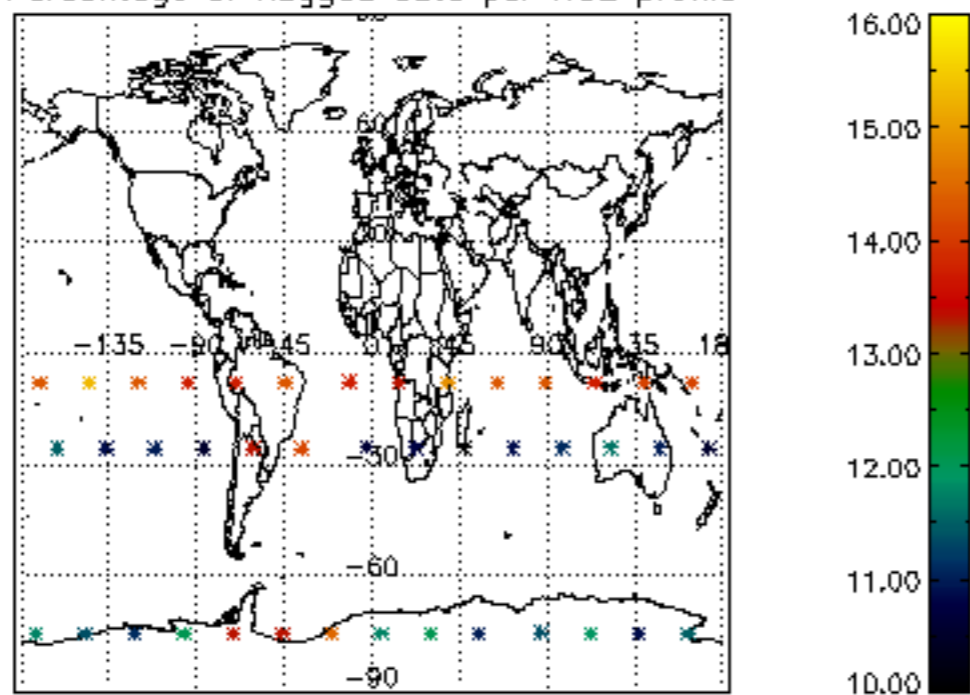
Percentage of flagged data per D3 profile



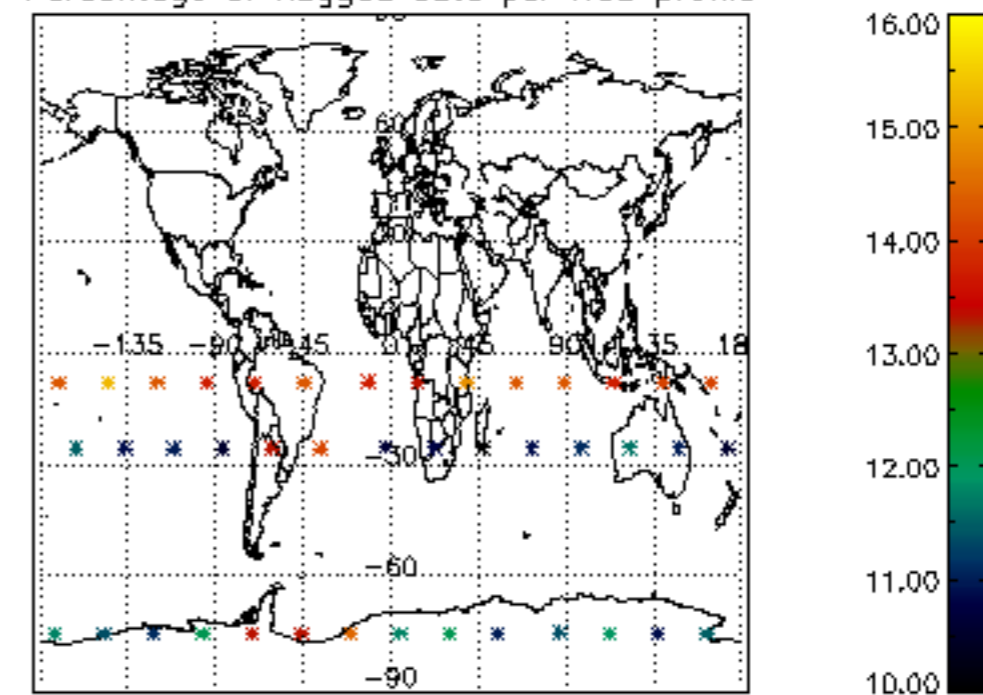
Percentage of flagged data per H2O profile

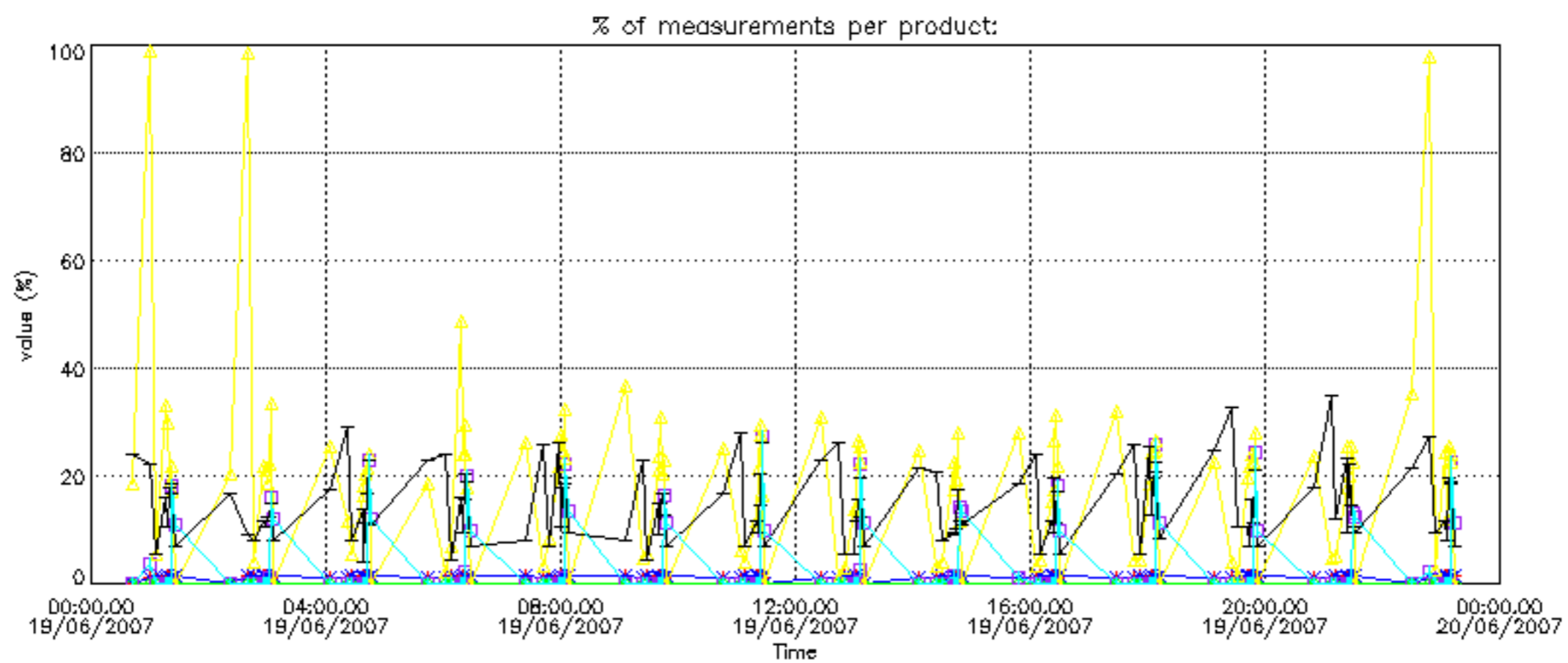


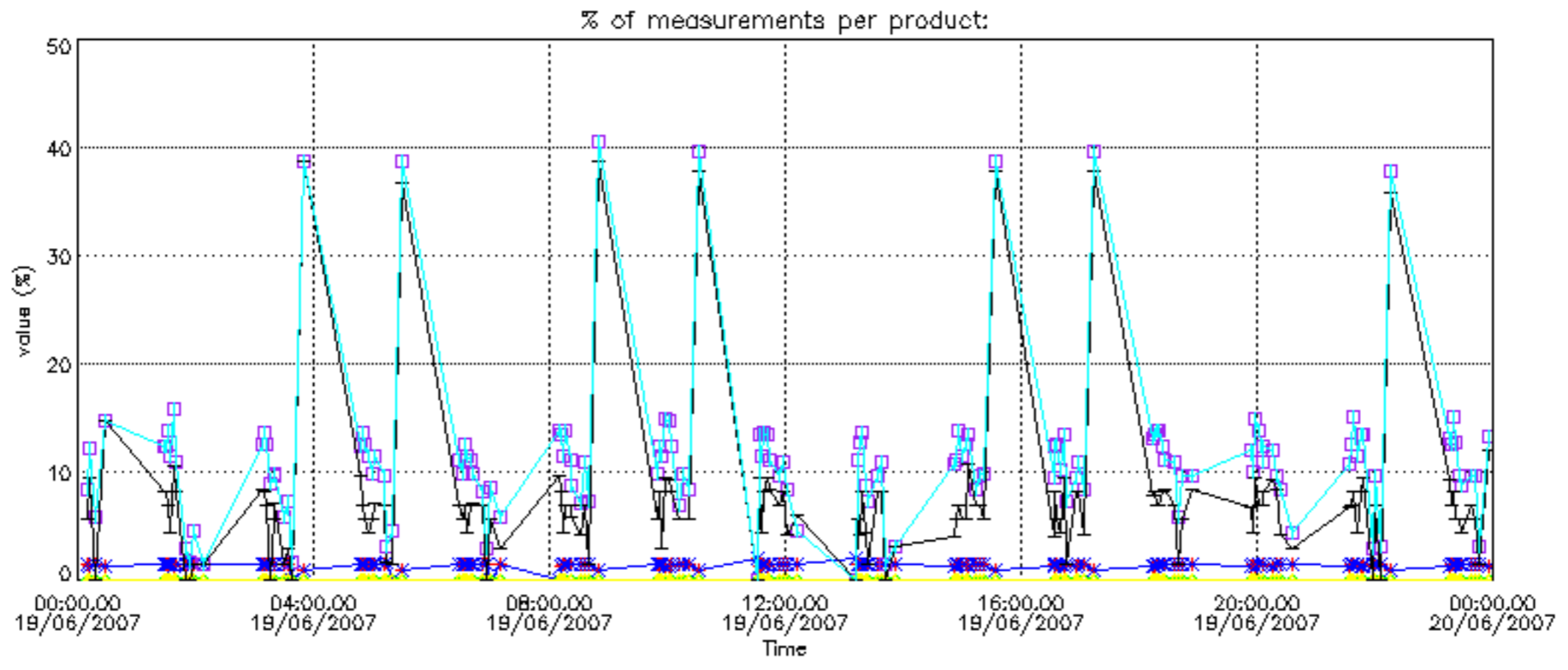
Percentage of flagged data per NO2 profile



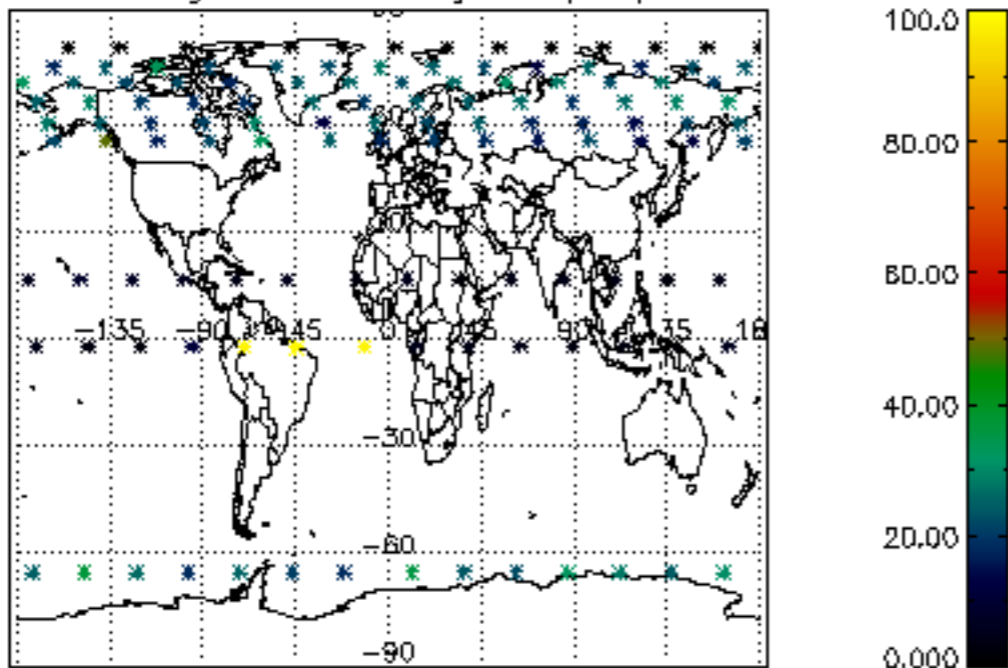
Percentage of flagged data per NO3 profile



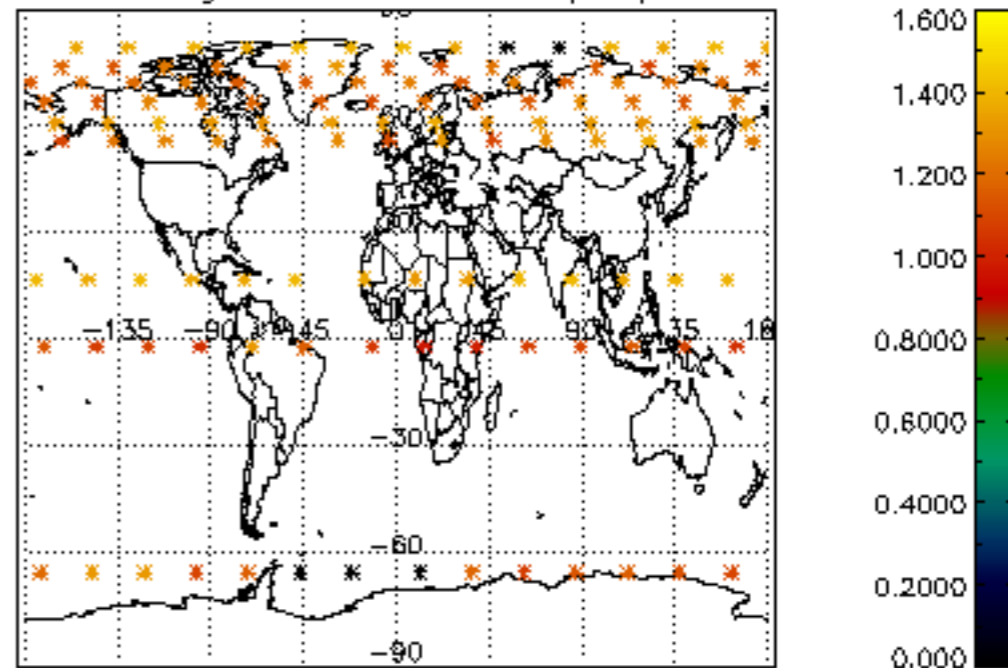




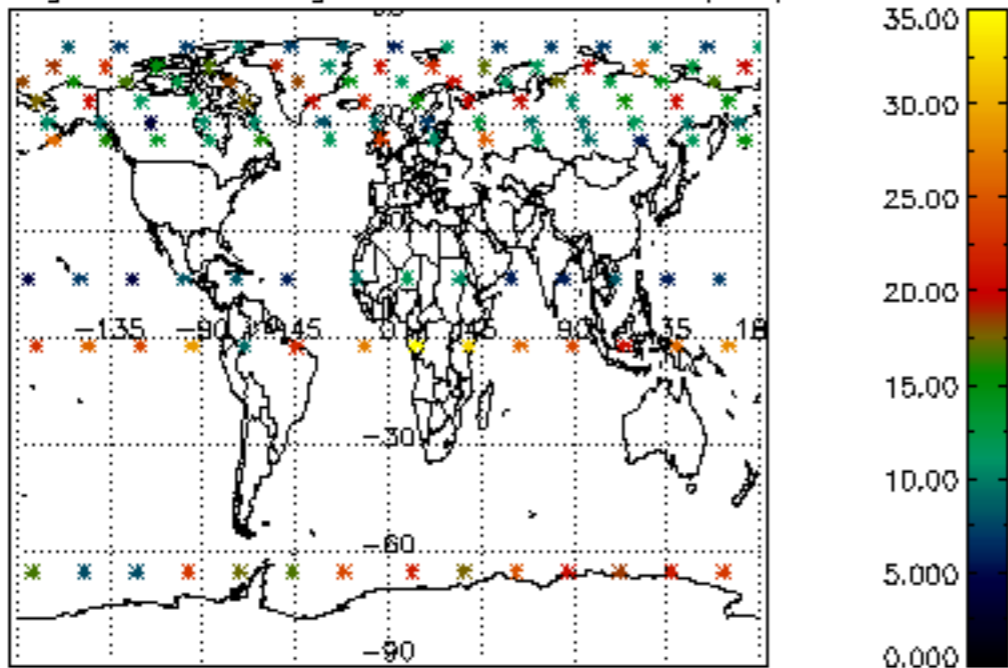
Percentage of cosmic ray hits per profile



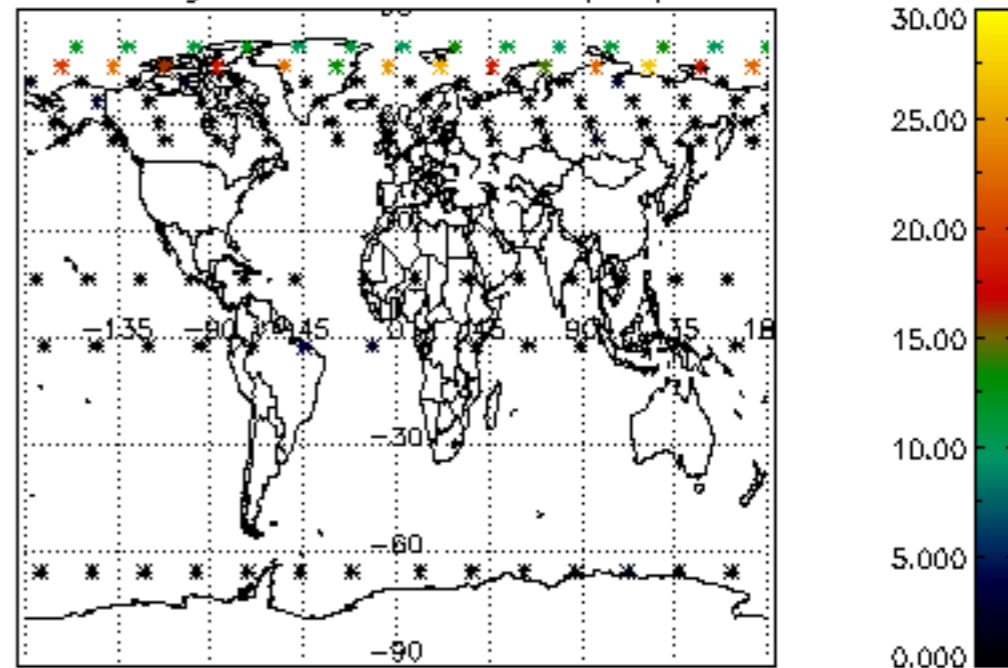
Percentage of datation errors per profile



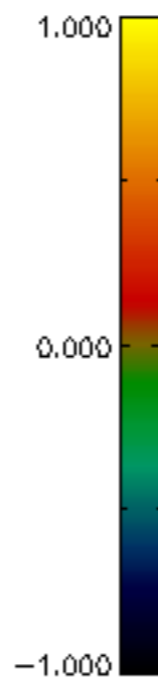
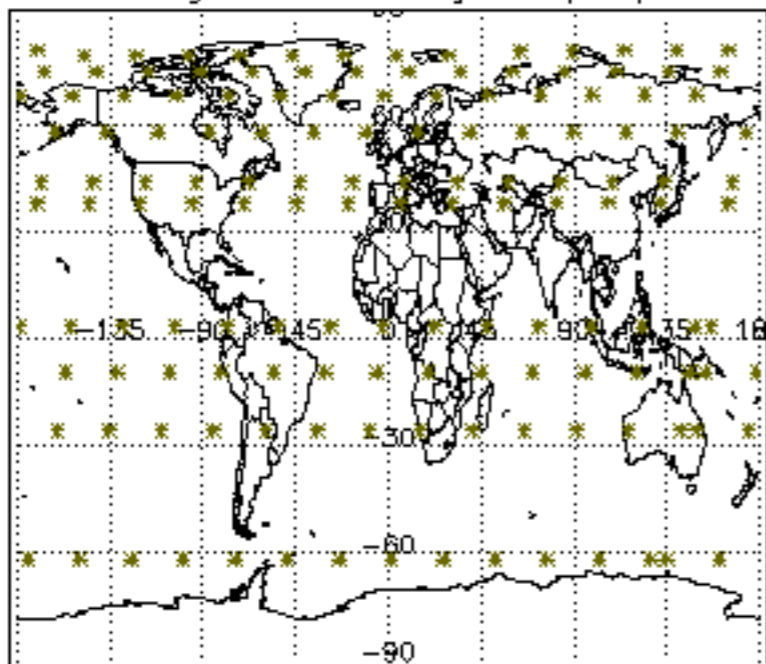
Percentage of star falling outside central band per profile



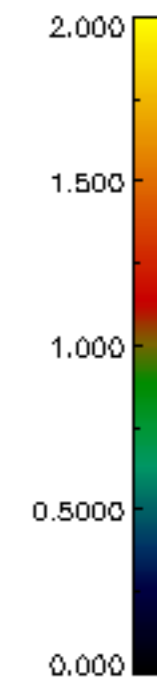
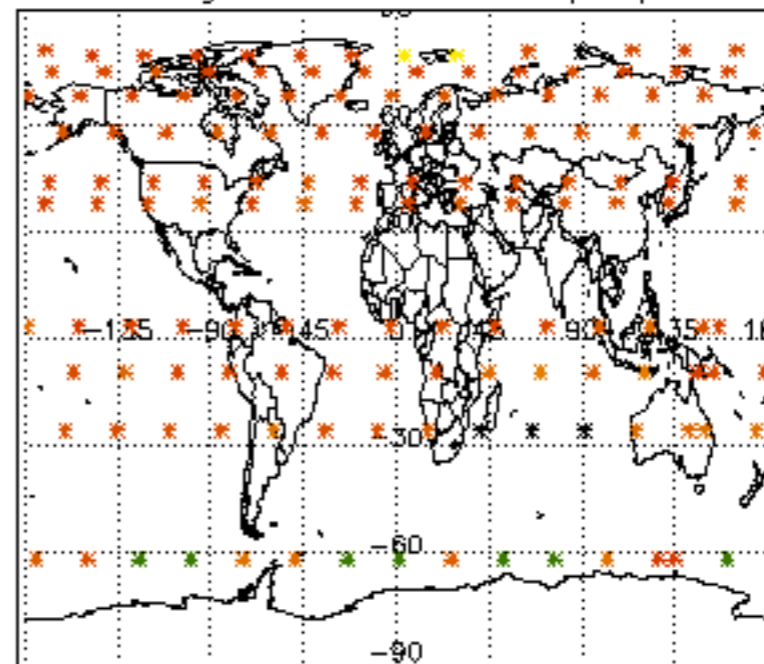
Percentage of saturation errors per profile



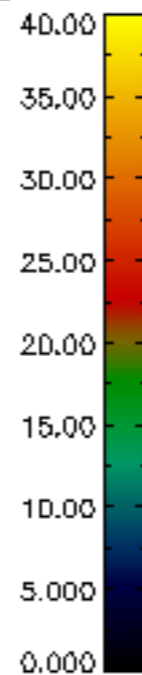
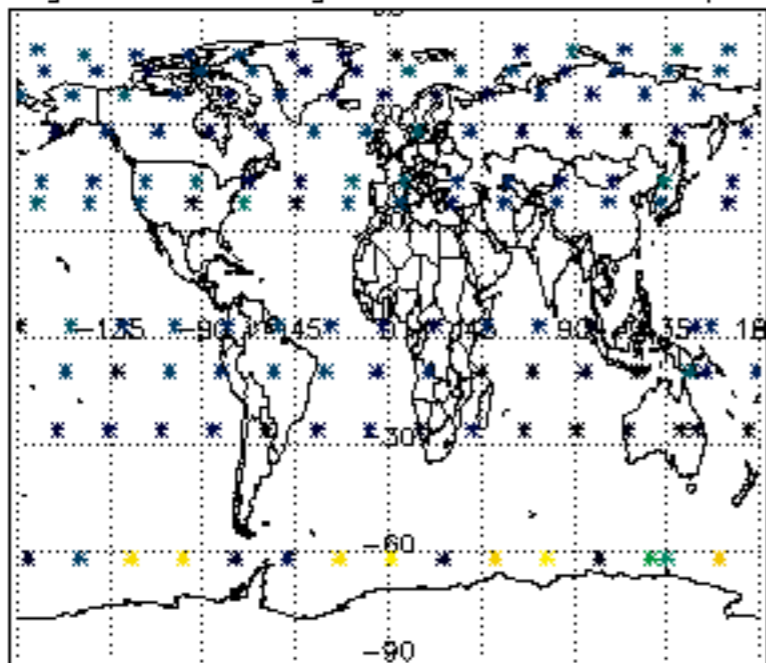
Percentage of cosmic ray hits per profile



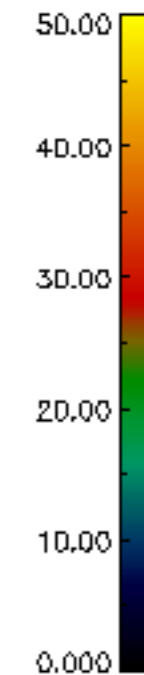
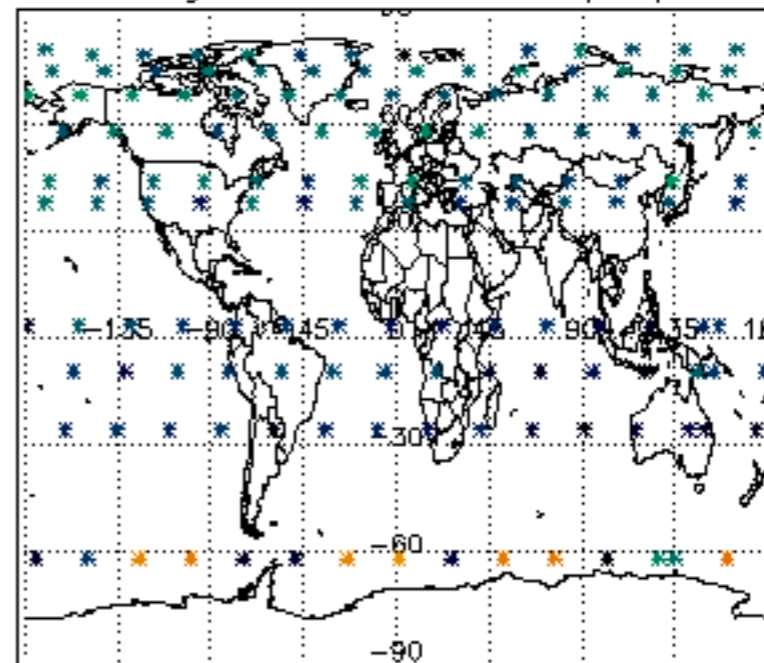
Percentage of datation errors per profile

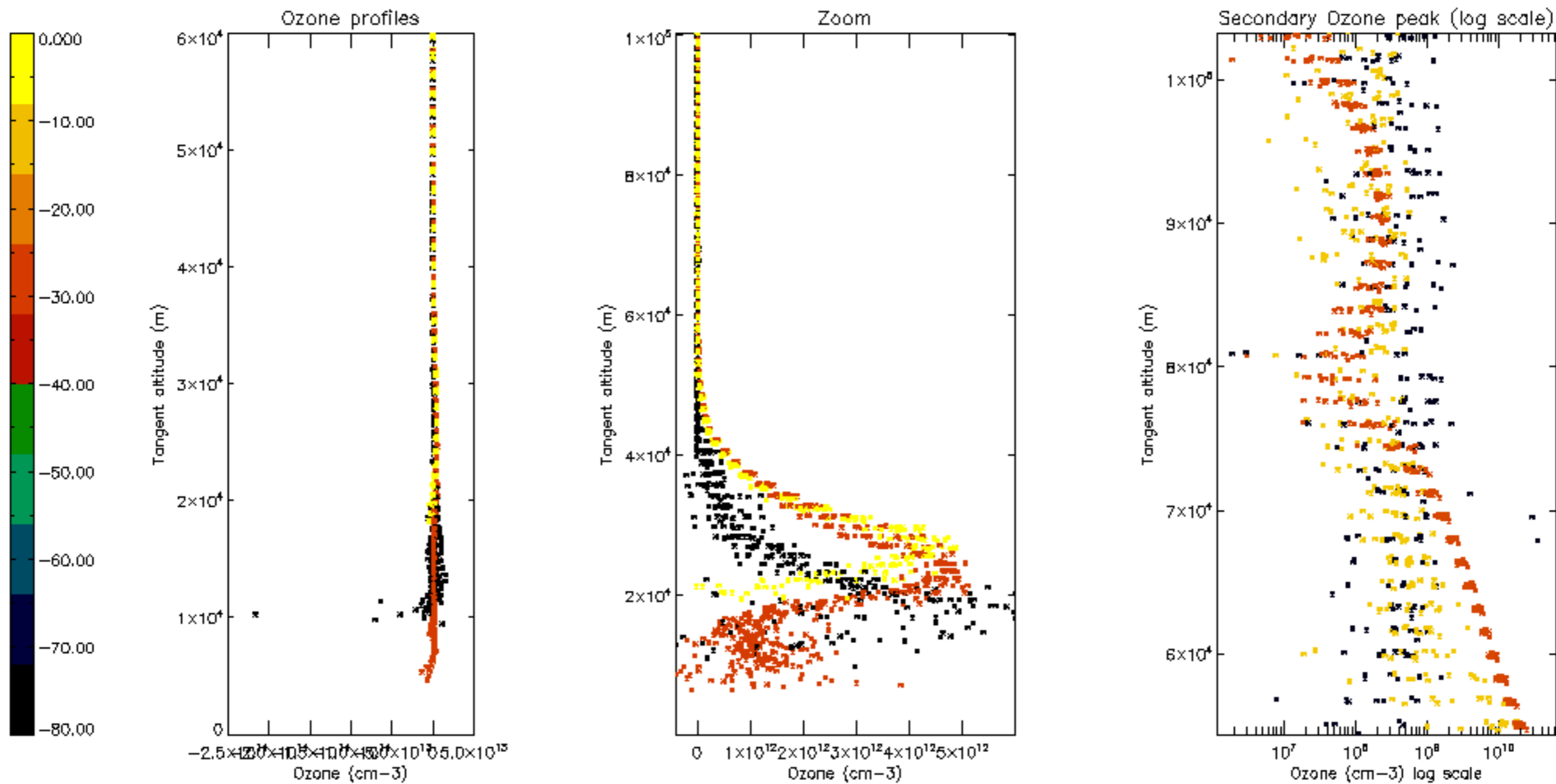


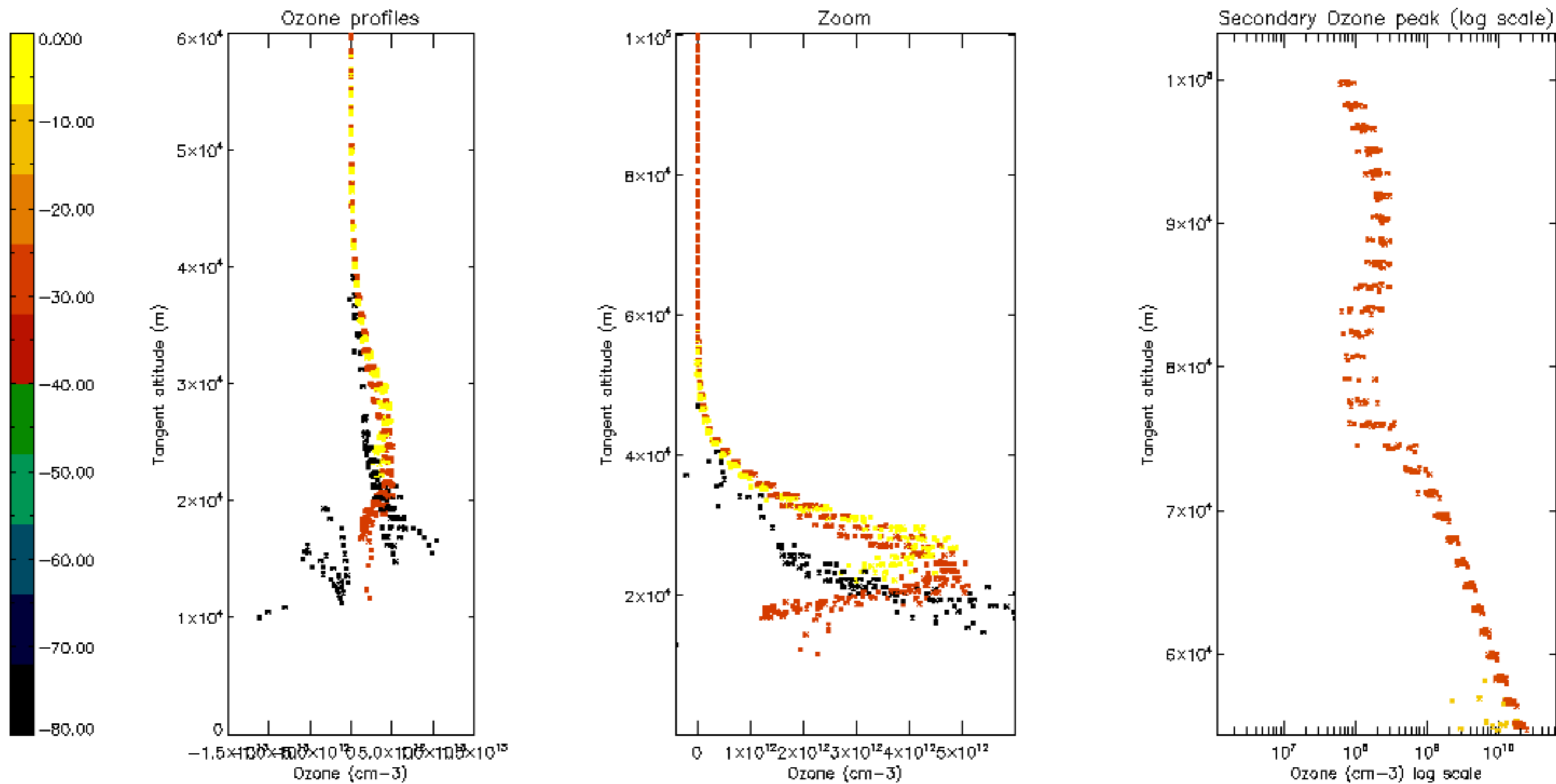
Percentage of star falling outside central band per profile

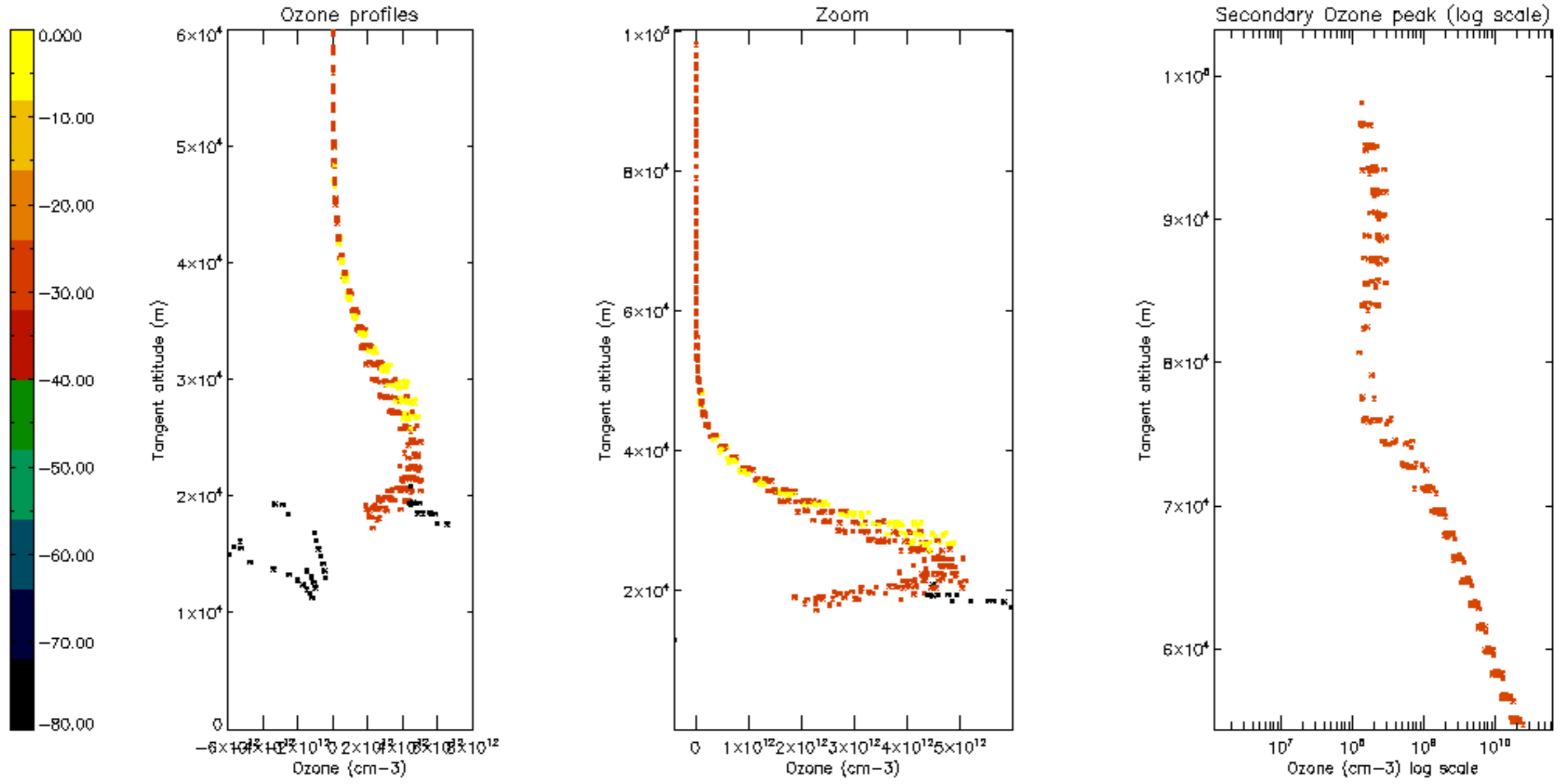


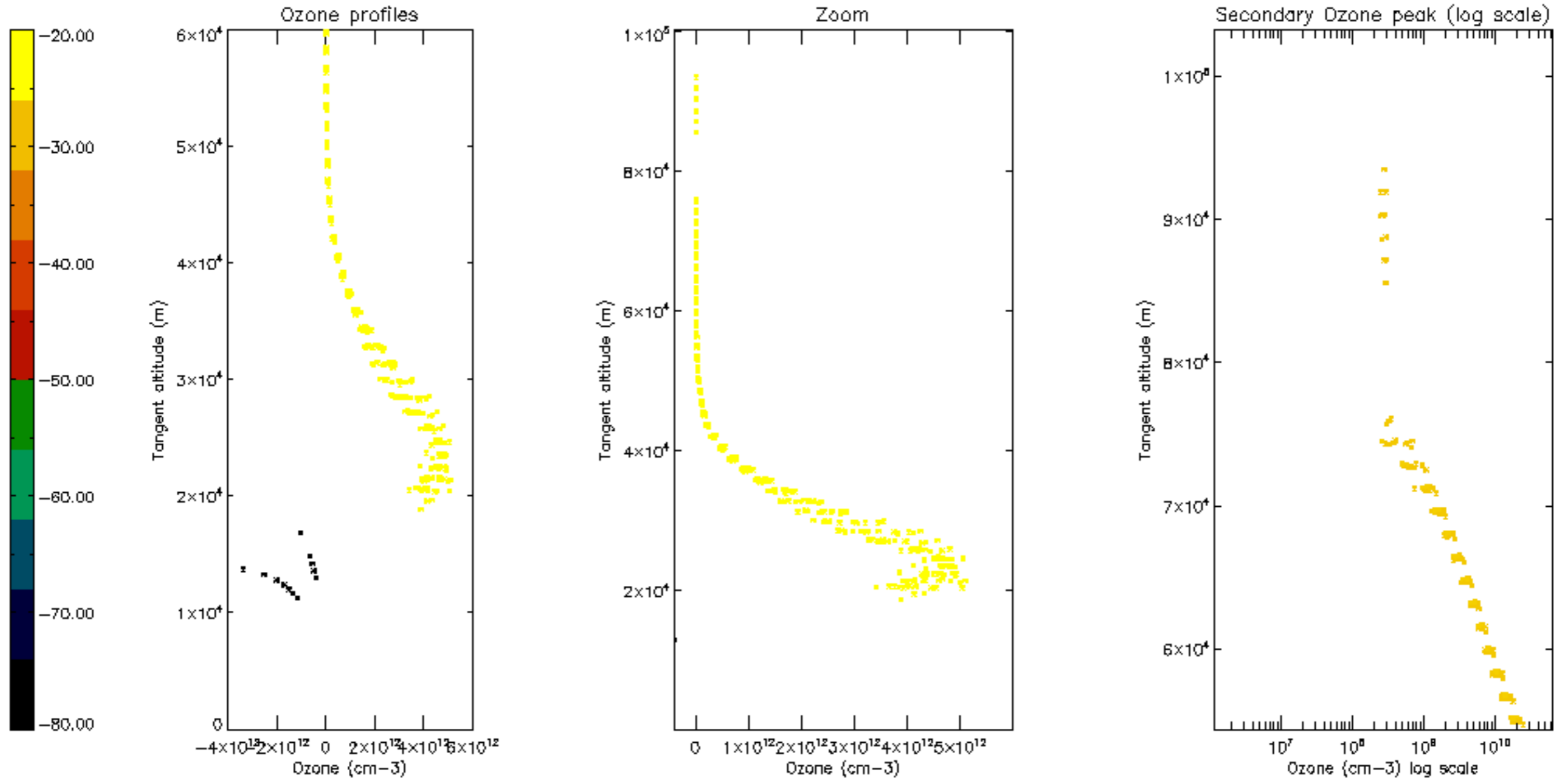
Percentage of saturation errors per profile

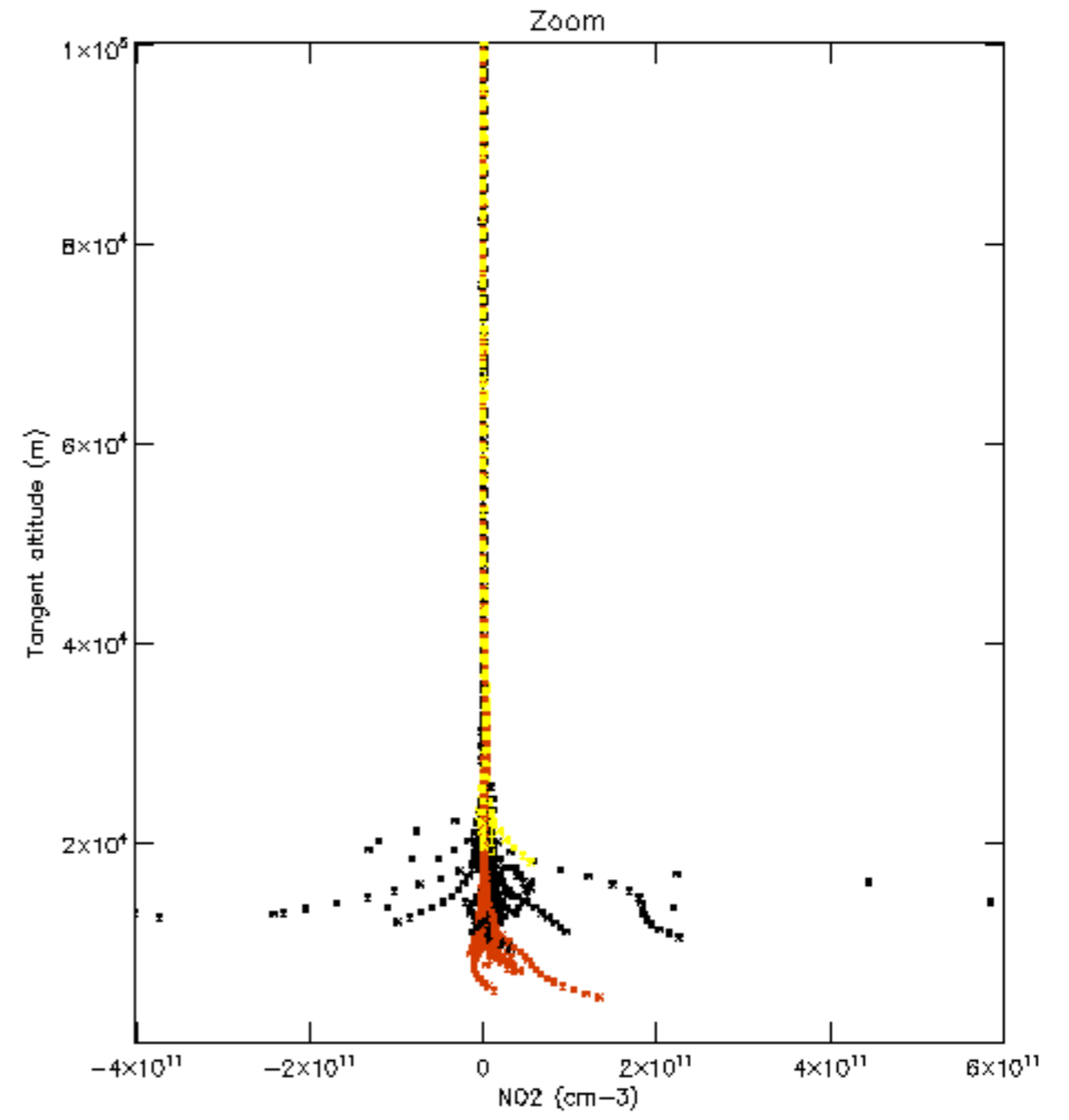
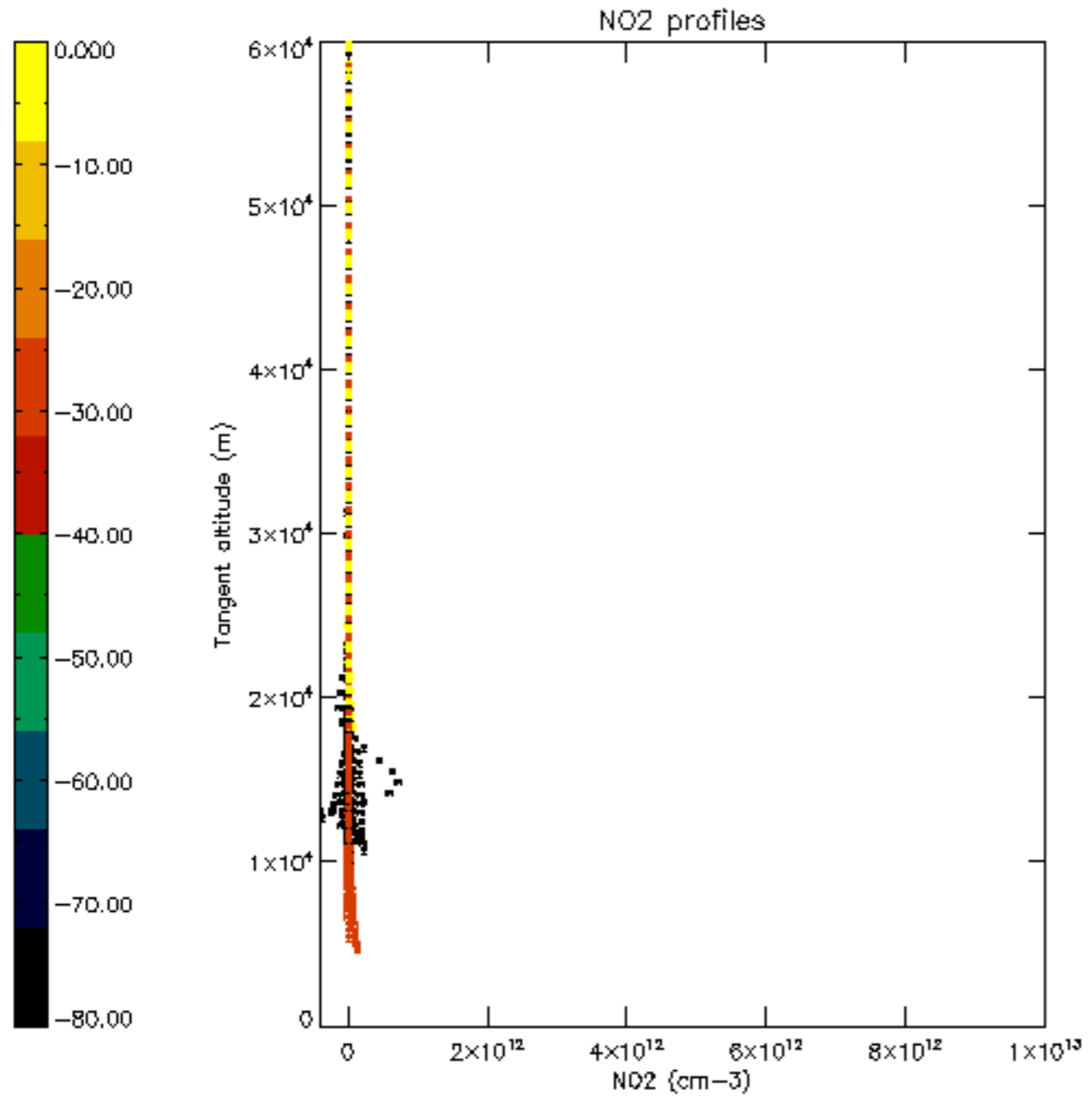


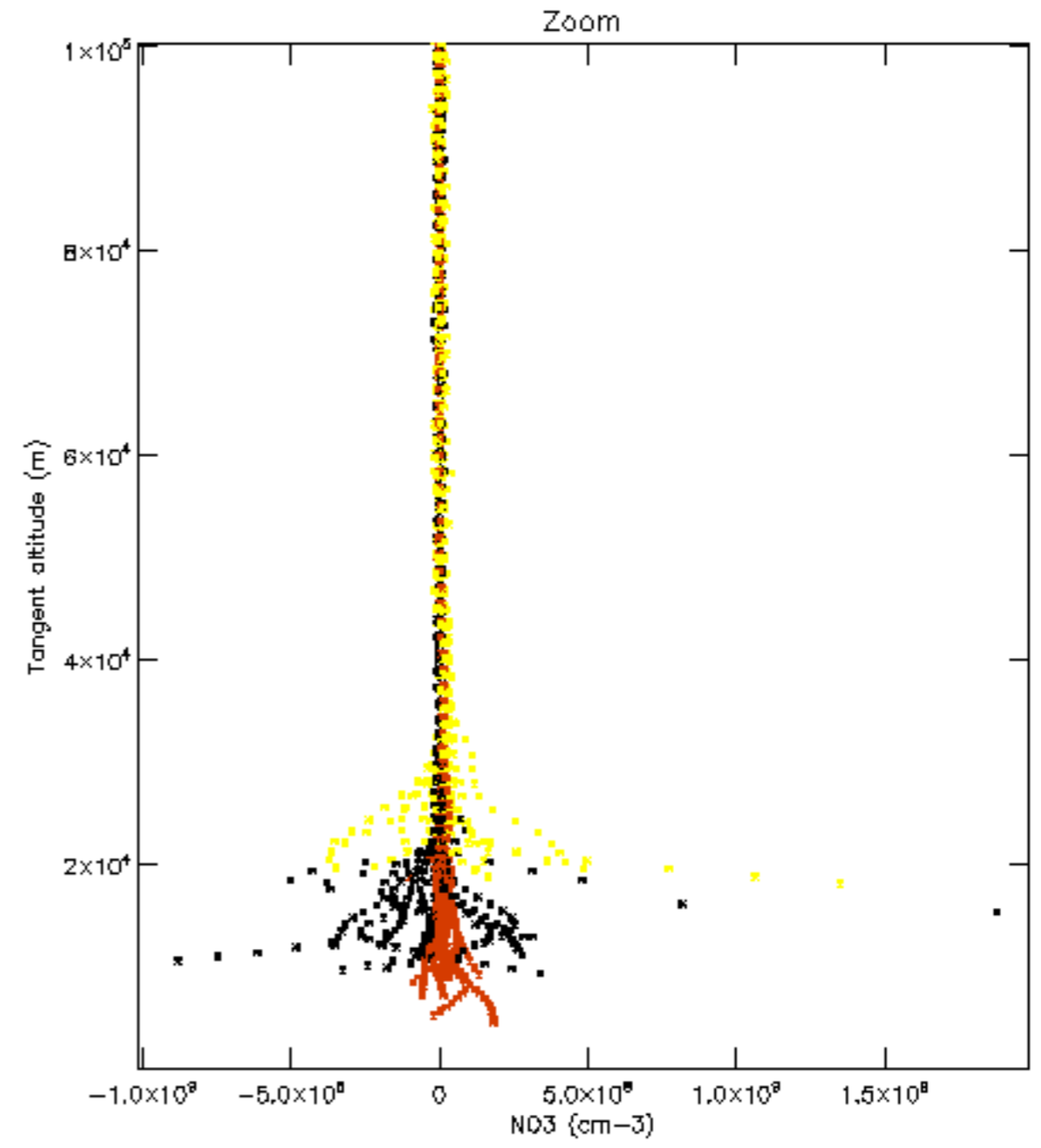
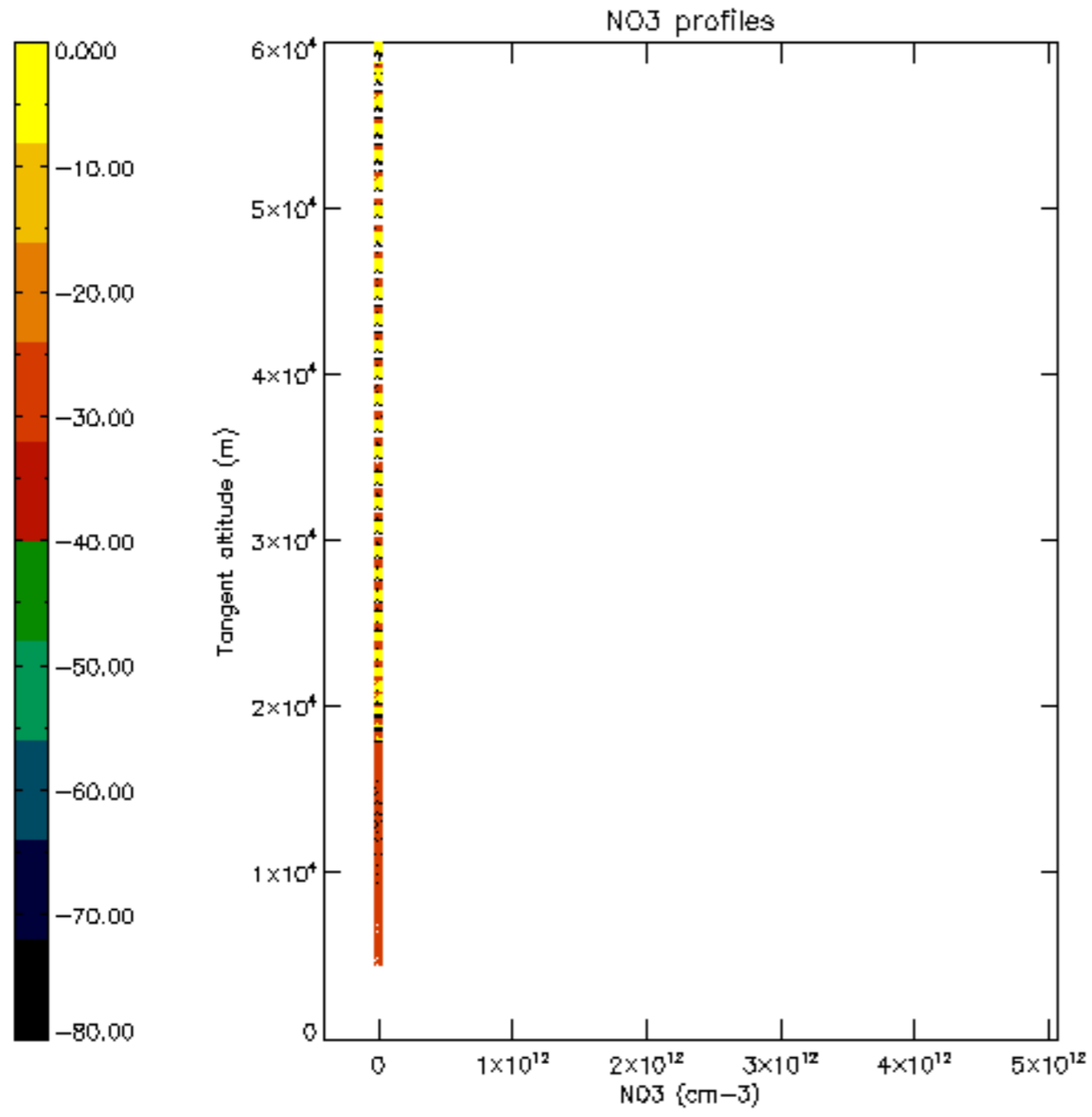


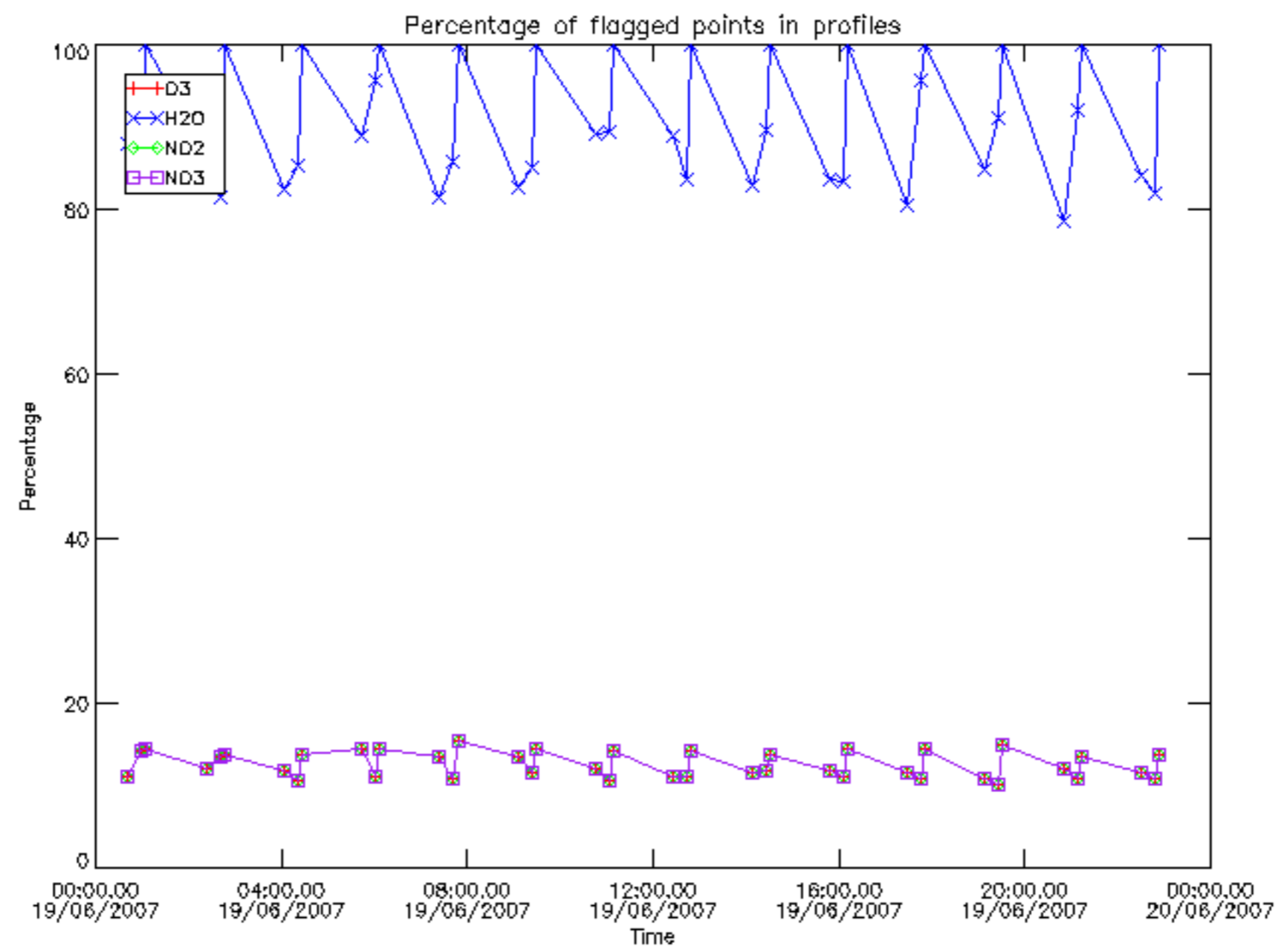




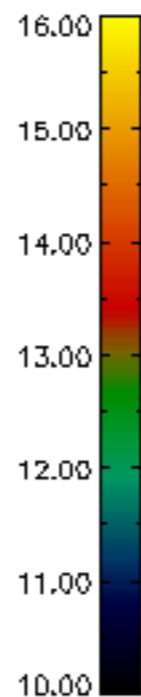
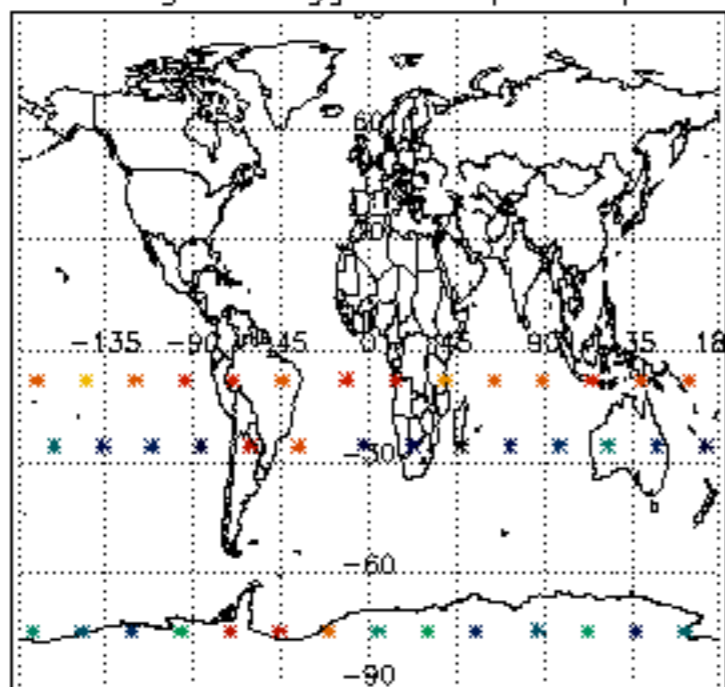




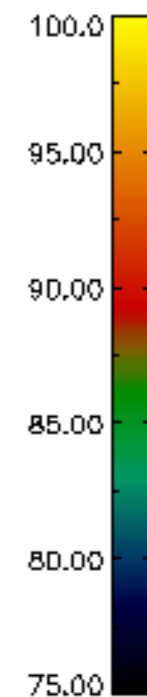
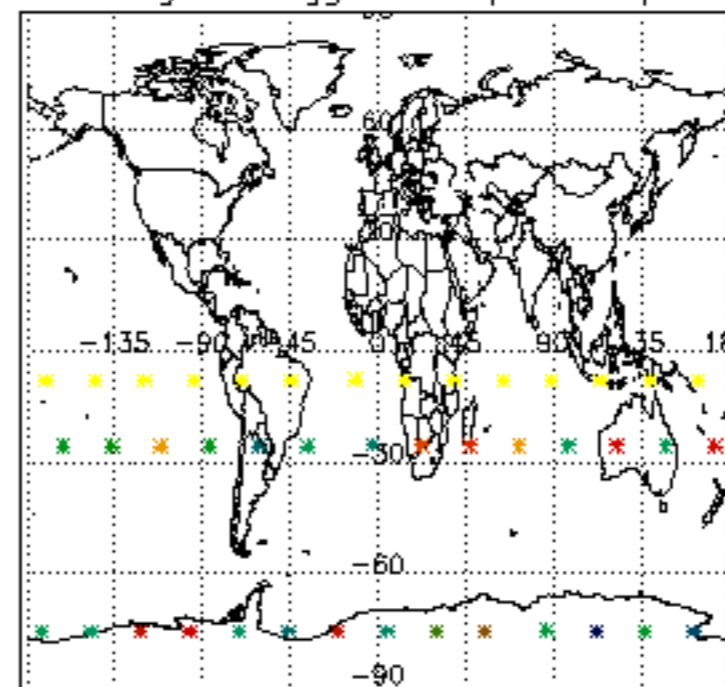




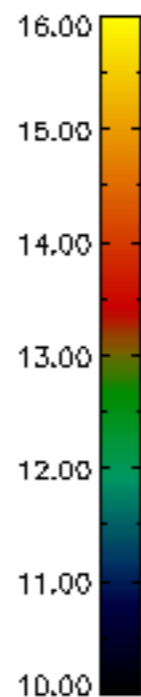
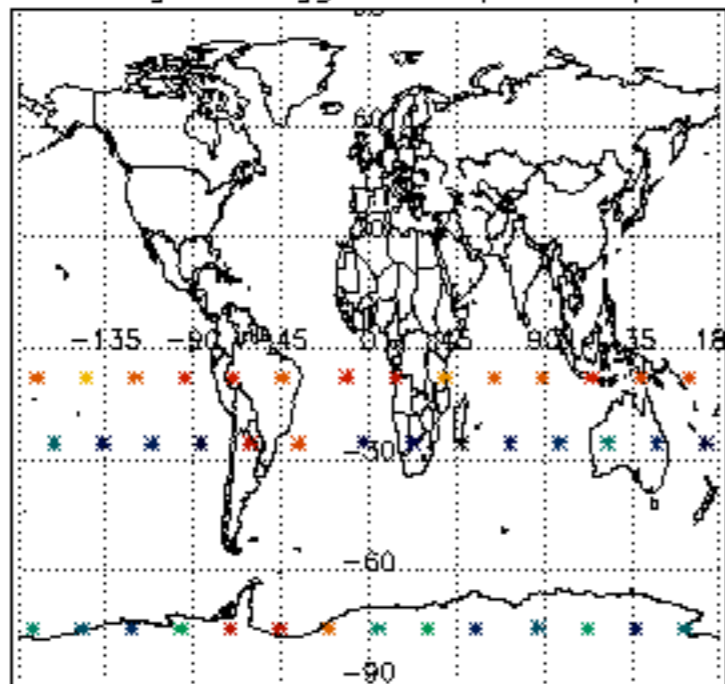
Percentage of flagged data per D3 profile



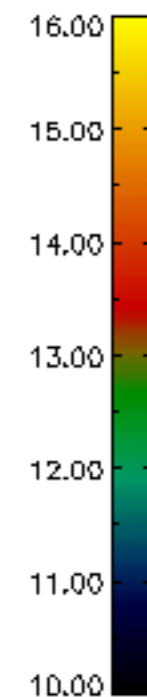
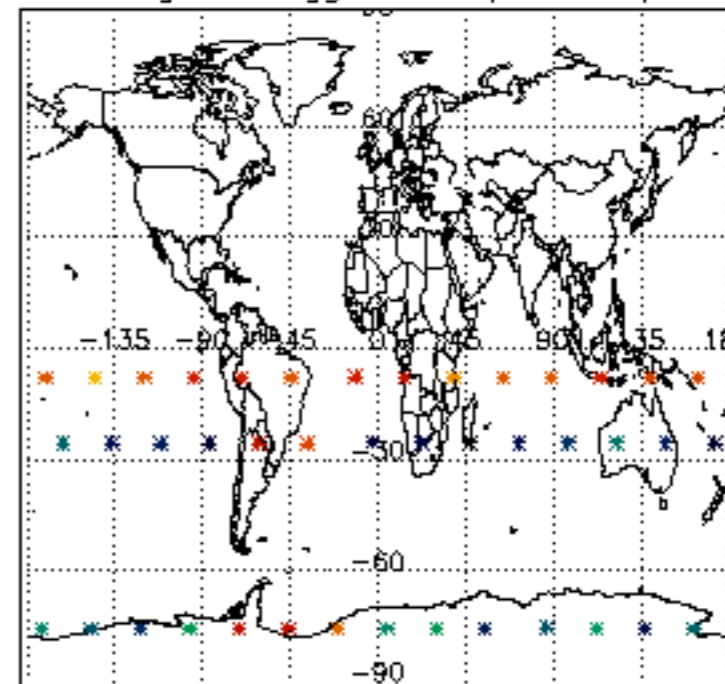
Percentage of flagged data per H2O profile

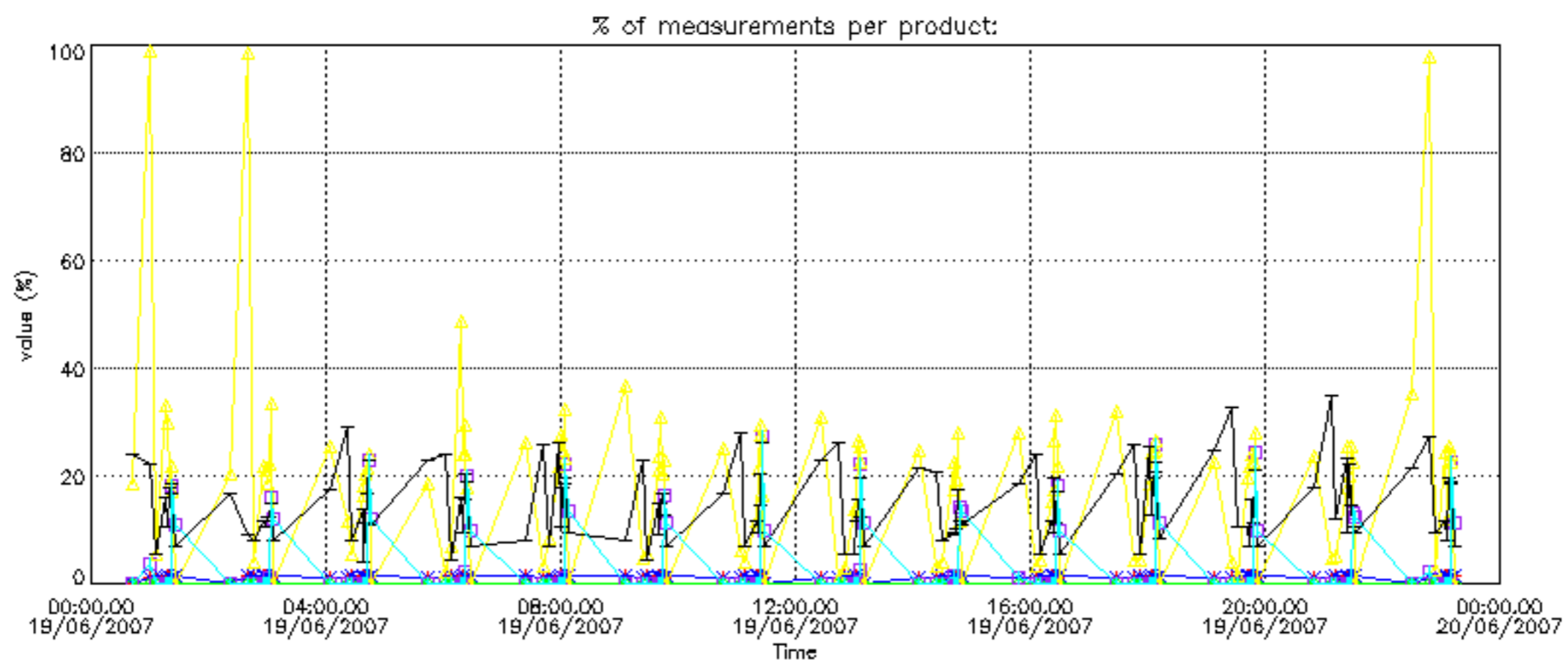


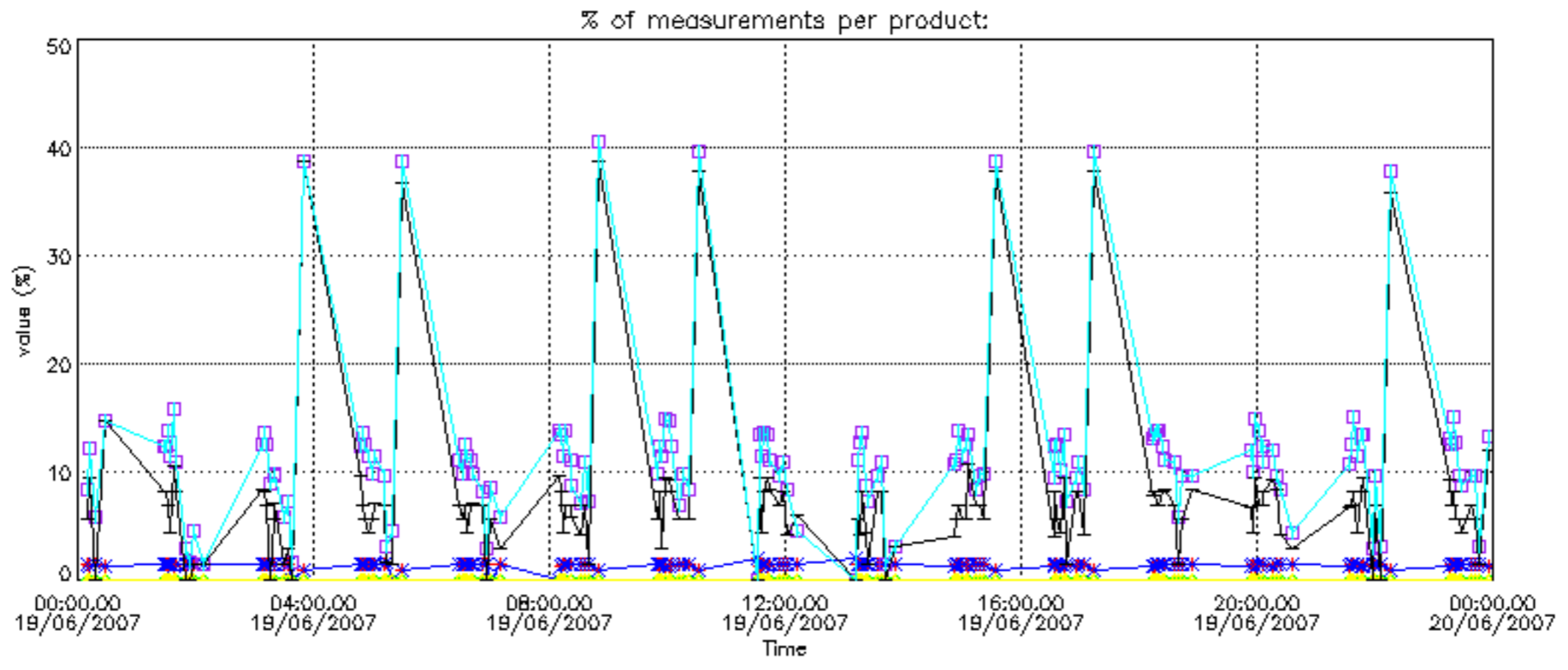
Percentage of flagged data per NO2 profile



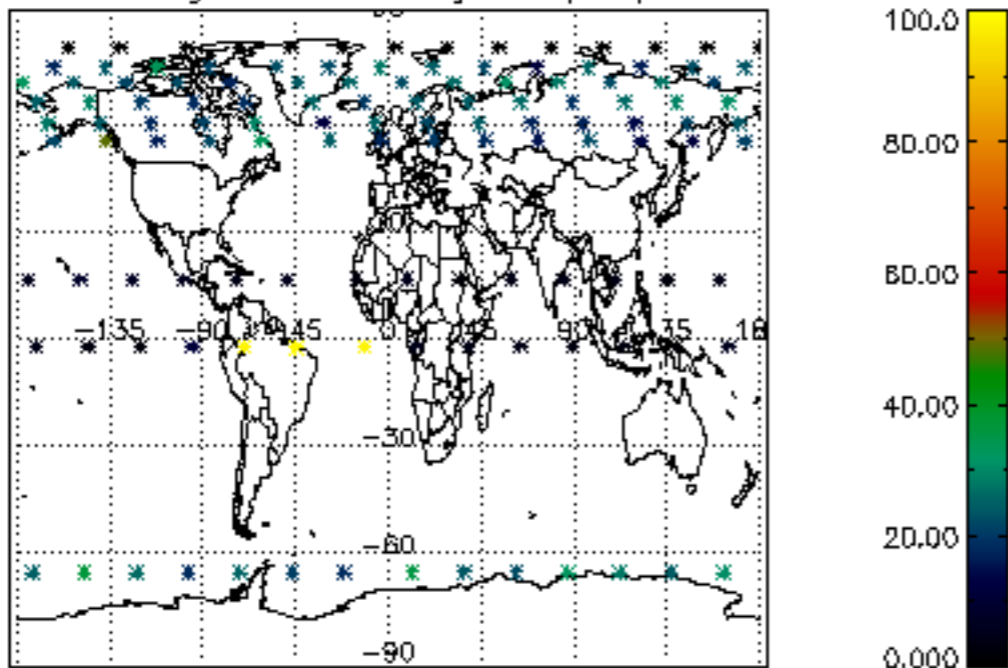
Percentage of flagged data per NO3 profile



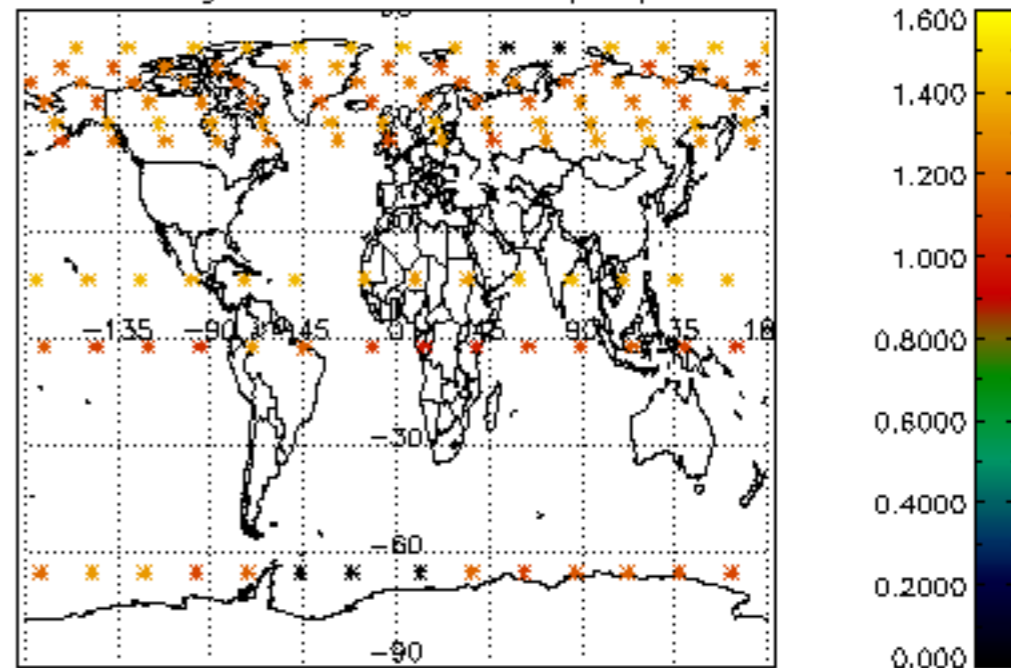




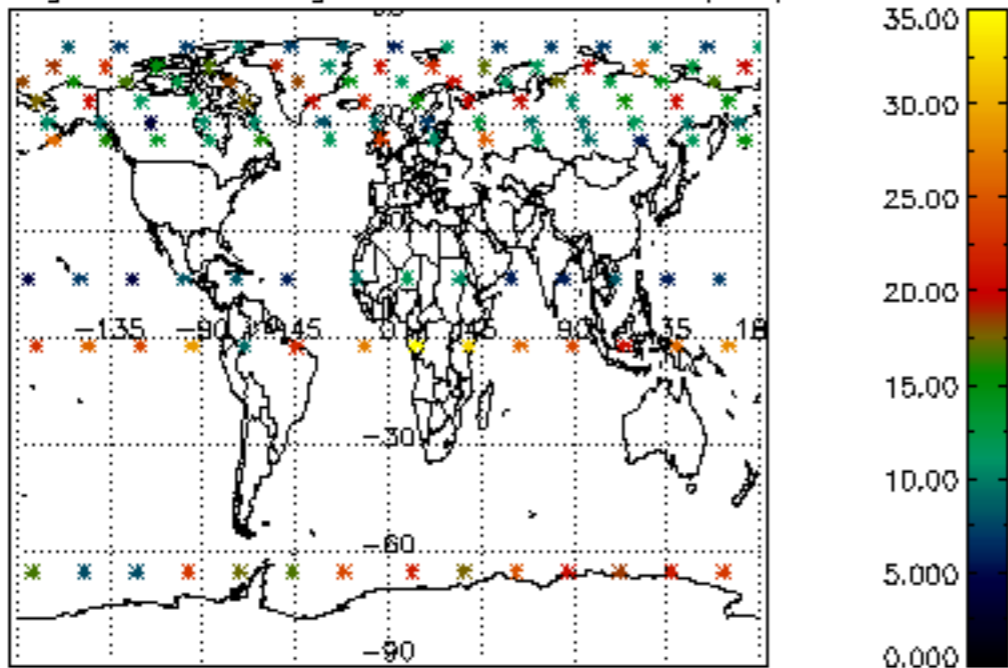
Percentage of cosmic ray hits per profile



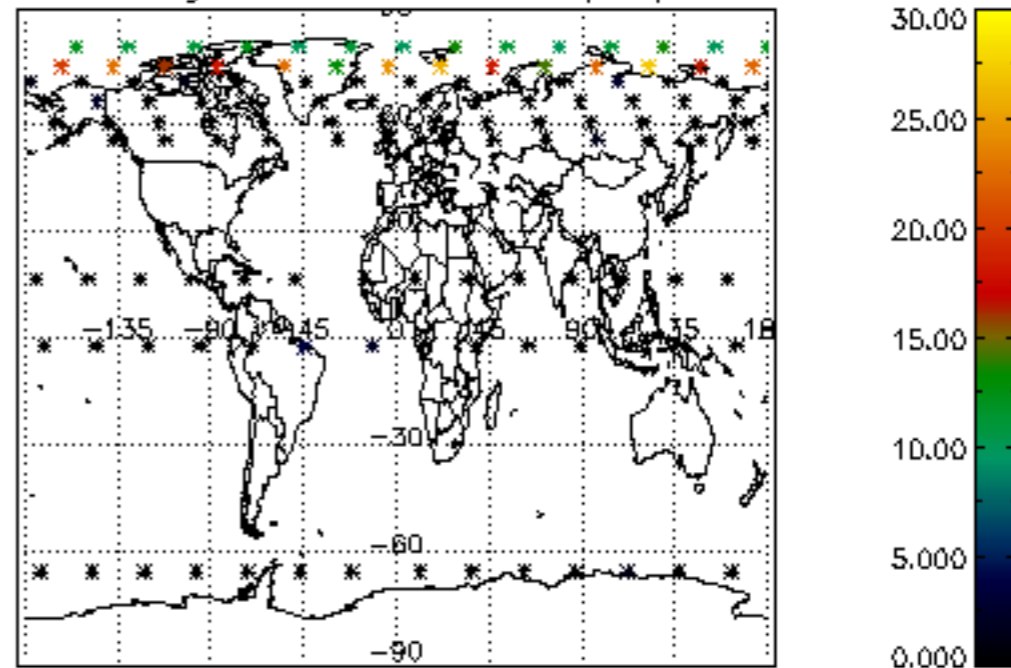
Percentage of datation errors per profile



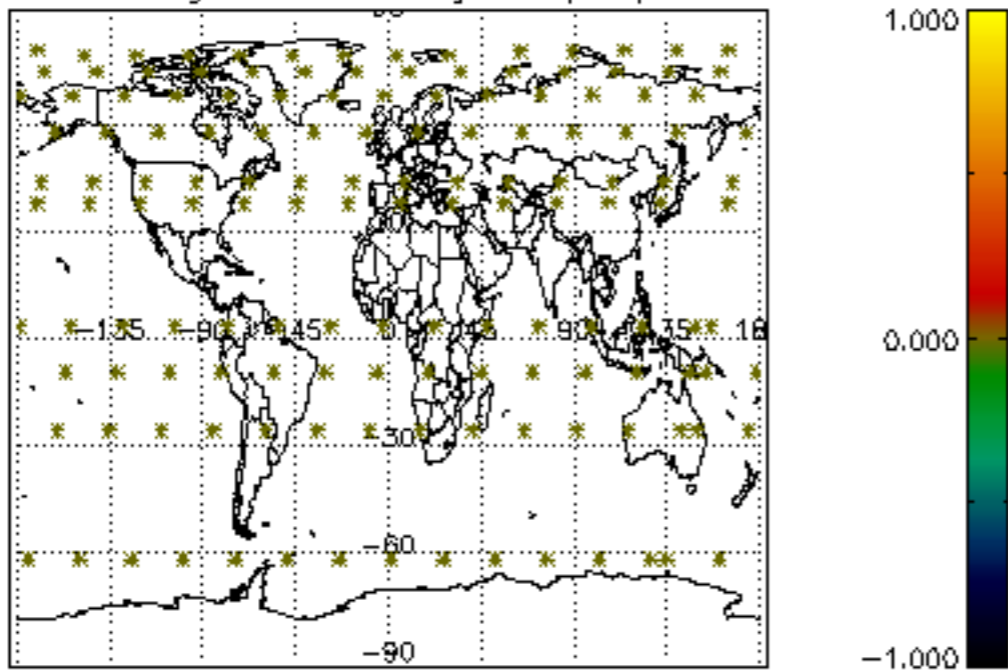
Percentage of star falling outside central band per profile



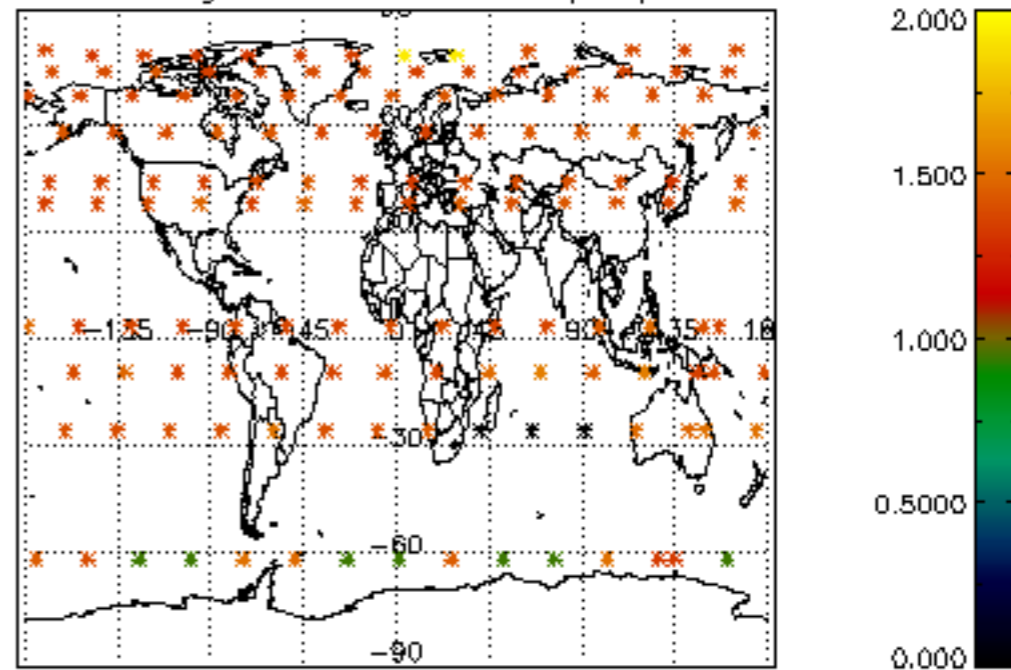
Percentage of saturation errors per profile



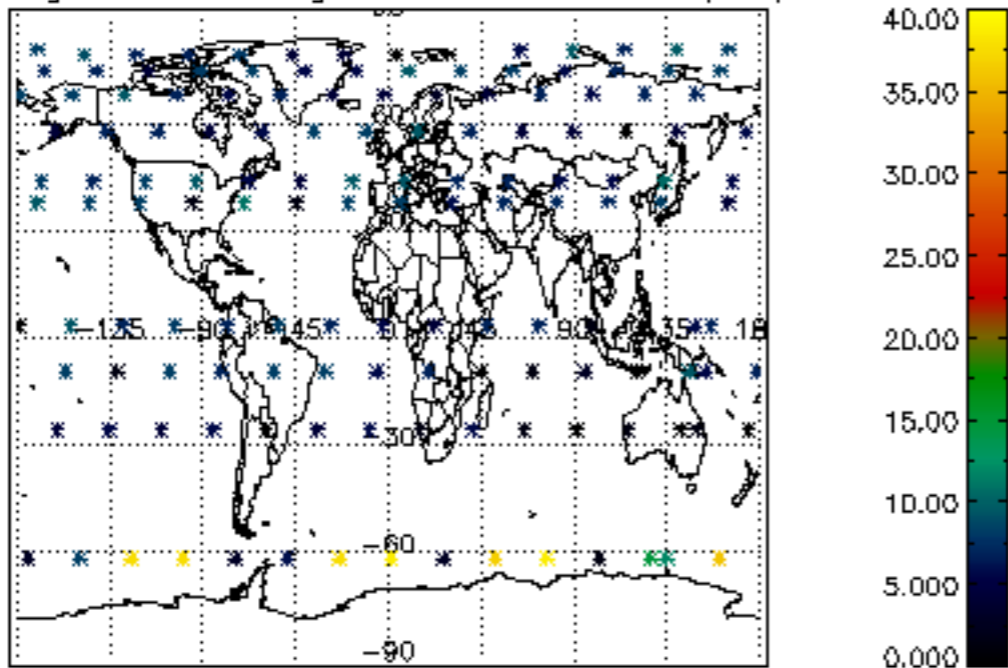
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

