

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	29APR2013 11:05:10
Data source version	GOMOS/6.01
Start time of products	23-05-2010 (23MAY2010 00:00:00)
Stop time of products	24-05-2010 (24MAY2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	291
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__2PRFIN20100523_000211_000000372089_00374_43013_1064.N1	23-MAY-2010 00:02:11	Bright	37.000	83		2.3780	11000.	74	43013	No
2	GOM_NL__2PRFIN20100523_000521_000000372089_00374_43013_1065.N1	23-MAY-2010 00:05:21	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	43013	No
3	GOM_NL__2PRFIN20100523_001330_000000432089_00374_43013_1066.N1	23-MAY-2010 00:13:30	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	43013	No
4	GOM_NL__2PRFIN20100523_001534_000000392089_00374_43013_1067.N1	23-MAY-2010 00:15:34	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	43013	No
5	GOM_NL__2PRFIN20100523_002818_000000382089_00374_43013_1068.N1	23-MAY-2010 00:28:18	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	43013	No
6	GOM_NL__2PRFIN20100523_002930_000000552089_00374_43013_1069.N1	23-MAY-2010 00:29:30	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43013	No
7	GOM_NL__2PRFIN20100523_003811_000000512089_00374_43013_1070.N1	23-MAY-2010 00:38:11	Twilight	51.000	58	21Alp And	2.0730	11000.	102	43013	No
8	GOM_NL__2PRFIN20100523_004236_000000472089_00374_43013_1071.N1	23-MAY-2010 00:42:36	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	43013	No
9	GOM_NL__2PRFIN20100523_005848_000000512089_00374_43013_1072.N1	23-MAY-2010 00:58:48	Dark	51.000	18	24Alp PsA	1.1660	9700.0	102	43013	No
10	GOM_NL__2PRFIN20100523_010249_000000492089_00374_43013_1073.N1	23-MAY-2010 01:02:49	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	43013	No
11	GOM_NL__2PRFIN20100523_010417_000000492089_00375_43014_1061.N1	23-MAY-2010 01:04:17	Dark	48.500	172	Gam Gru	3.0030	13100.	97	43014	No
12	GOM_NL__2PRFIN20100523_010952_000000452089_00375_43014_1062.N1	23-MAY-2010 01:09:52	Dark	44.500	45	Alp Pav	1.9400	26000.	89	43014	No
13	GOM_NL__2PRFIN20100523_011642_000000432089_00375_43014_1063.N1	23-MAY-2010 01:16:42	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	43014	No
14	GOM_NL__2PRFIN20100523_011927_000000472089_00375_43014_1064.N1	23-MAY-2010 01:19:27	Straylight	46.500	40	The Sco	1.8590	7100.0	93	43014	No
15	GOM_NL__2PRFIN20100523_012118_000000492089_00375_43014_1065.N1	23-MAY-2010 01:21:18	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	43014	No
16	GOM_NL__2PRFIN20100523_012322_000000502089_00375_43014_1066.N1	23-MAY-2010 01:23:22	Twilight	49.500	75	26Eps Sco	2.2910	4250.0	99	43014	No
17	GOM_NL__2PRFIN20100523_012615_000000532089_00375_43014_1067.N1	23-MAY-2010 01:26:15	Bright	52.500	16	21Alp Sco	1.0200	3000.0	105	43014	No
18	GOM_NL__2PRFIN20100523_012839_000000442089_00375_43014_1068.N1	23-MAY-2010 01:28:39	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	43014	No
19	GOM_NL__2PRFIN20100523_013358_000000452089_00375_43014_1069.N1	23-MAY-2010 01:33:58	Bright	44.500	120	1Del Oph	2.7340	3200.0	89	43014	No
20	GOM_NL__2PRFIN20100523_013703_000000402089_00375_43014_1070.N1	23-MAY-2010 01:37:03	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	43014	No
21	GOM_NL__2PRFIN20100523_014247_000000382089_00375_43014_1071.N1	23-MAY-2010 01:42:47	Bright	38.000	83		2.3780	11000.	76	43014	No
22	GOM_NL__2PRFIN20100523_014557_000000382089_00375_43014_1072.N1	23-MAY-2010 01:45:57	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	43014	No
23	GOM_NL__2PRFIN20100523_015406_000000412089_00375_43014_1073.N1	23-MAY-2010 01:54:06	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	43014	No
24	GOM_NL__2PRFIN20100523_015609_000000402089_00375_43014_1074.N1	23-MAY-2010 01:56:09	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	43014	No
25	GOM_NL__2PRFIN20100523_020854_000000542089_00375_43014_1075.N1	23-MAY-2010 02:08:54	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43014	No
26	GOM_NL__2PRFIN20100523_021006_000000552089_00375_43014_1076.N1	23-MAY-2010 02:10:06	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43014	No
27	GOM_NL__2PRFIN20100523_021848_000000502089_00375_43014_1077.N1	23-MAY-2010 02:18:48	Twilight	50.000	58	21Alp And	2.0730	11000.	100	43014	No
28	GOM_NL__2PRFIN20100523_022313_000000472089_00375_43014_1078.N1	23-MAY-2010 02:23:13	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	43014	No
29	GOM_NL__2PRFIN20100523_023924_000000582089_00375_43014_1079.N1	23-MAY-2010 02:39:24	Dark	57.500	18	24Alp PsA	1.1660	9700.0	115	43014	No
30	GOM_NL__2PRFIN20100523_024325_000000452089_00375_43014_1080.N1	23-MAY-2010 02:43:25	Dark	45.000	63	Bet Gru	2.1500	2800.0	90	43014	No
31	GOM_NL__2PRFIN20100523_024454_000000492089_00376_43015_1069.N1	23-MAY-2010 02:44:54	Dark	49.000	172	Gam Gru	3.0030	13100.	98	43015	No
32	GOM_NL__2PRFIN20100523_025029_000000432089_00376_43015_1070.N1	23-MAY-2010 02:50:29	Dark	42.500	45	Alp Pav	1.9400	26000.	85	43015	No
33	GOM_NL__2PRFIN20100523_025718_000000452089_00376_43015_1071.N1	23-MAY-2010 02:57:18	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	43015	No
34	GOM_NL__2PRFIN20100523_030004_000000492089_00376_43015_1072.N1	23-MAY-2010 03:00:04	Straylight	49.000	40	The Sco	1.8590	7100.0	98	43015	No
35	GOM_NL__2PRFIN20100523_030155_000000502089_00376_43015_1073.N1	23-MAY-2010 03:01:55	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	43015	No
36	GOM_NL__2PRFIN20100523_030358_000000492089_00376_43015_1074.N1	23-MAY-2010 03:03:58	Twilight	49.000	75	26Eps Sco	2.2910	4250.0	98	43015	No
37	GOM_NL__2PRFIN20100523_030651_000000612089_00376_43015_1075.N1	23-MAY-2010 03:06:51	Bright	61.000	16	21Alp Sco	1.0200	3000.0	122	43015	No
38	GOM_NL__2PRFIN20100523_030916_000000422089_00376_43015_1076.N1	23-MAY-2010 03:09:16	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	43015	No
39	GOM_NL__2PRFIN20100523_031434_000000452089_00376_43015_1077.N1	23-MAY-2010 03:14:34	Bright	44.500	120	1Del Oph	2.7340	3200.0	89	43015	No
40	GOM_NL__2PRFIN20100523_031739_000000402089_00376_43015_1078.N1	23-MAY-2010 03:17:39	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	43015	No
41	GOM_NL__2PRFIN20100523_032323_000000392089_00376_43015_1079.N1	23-MAY-2010 03:23:23	Bright	38.500	83		2.3780	11000.	77	43015	No
42	GOM_NL__2PRFIN20100523_032633_000000262089_00376_43015_1080.N1	23-MAY-2010 03:26:33	Bright	26.000	180	27Gam Boo	3.0400	8000.0	52	43015	No

43	GOM_NL__2PRFIN20100523_033441_000000392089_00376_43015_1081.N1	23-MAY-2010 03:34:41	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	43015	No
44	GOM_NL__2PRFIN20100523_033645_000000362089_00376_43015_1082.N1	23-MAY-2010 03:36:45	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	43015	No
45	GOM_NL__2PRFIN20100523_034929_000000362089_00376_43015_1083.N1	23-MAY-2010 03:49:29	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	43015	No
46	GOM_NL__2PRFIN20100523_035041_000000372089_00376_43015_1084.N1	23-MAY-2010 03:50:41	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	43015	No
47	GOM_NL__2PRFIN20100523_035924_000000492089_00376_43015_1085.N1	23-MAY-2010 03:59:24	Tw_i_and_stray	48.500	58	21Alp And	2.0730	11000.	97	43015	No
48	GOM_NL__2PRFIN20100523_040349_000000452089_00376_43015_1086.N1	23-MAY-2010 04:03:49	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	43015	No
49	GOM_NL__2PRFIN20100523_042001_000000552089_00376_43015_1087.N1	23-MAY-2010 04:20:01	Dark	55.000	18	24Alp PsA	1.1660	9700.0	110	43015	No
50	GOM_NL__2PRFIN20100523_042402_000000482089_00376_43015_1088.N1	23-MAY-2010 04:24:02	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	43015	No
51	GOM_NL__2PRFIN20100523_042531_000000492089_00377_43016_1127.N1	23-MAY-2010 04:25:31	Dark	49.000	172	Gam Gru	3.0030	13100.	98	43016	No
52	GOM_NL__2PRFIN20100523_043106_000000422089_00377_43016_1128.N1	23-MAY-2010 04:31:06	Dark	42.000	45	Alp Pav	1.9400	26000.	84	43016	No
53	GOM_NL__2PRFIN20100523_043755_000000482089_00377_43016_1129.N1	23-MAY-2010 04:37:55	Straylight	48.000	141	Bet Ara	2.8400	4600.0	96	43016	No
54	GOM_NL__2PRFIN20100523_044041_000000482089_00377_43016_1130.N1	23-MAY-2010 04:40:41	Straylight	47.500	40	The Sco	1.8590	7100.0	95	43016	No
55	GOM_NL__2PRFIN20100523_044231_000000502089_00377_43016_1131.N1	23-MAY-2010 04:42:31	Straylight	49.500	25	35Lam Sco	1.6200	28000.	99	43016	No
56	GOM_NL__2PRFIN20100523_044435_000000492089_00377_43016_1132.N1	23-MAY-2010 04:44:35	Tw_i_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	43016	No
57	GOM_NL__2PRFIN20100523_044728_000000602089_00377_43016_1133.N1	23-MAY-2010 04:47:28	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43016	No
58	GOM_NL__2PRFIN20100523_044952_000000472089_00377_43016_1134.N1	23-MAY-2010 04:49:52	Bright	46.500	97	8Bet1Sco	2.5610	30000.	93	43016	No
59	GOM_NL__2PRFIN20100523_045509_000000452089_00377_43016_1135.N1	23-MAY-2010 04:55:09	Bright	44.500	120	1Del Oph	2.7340	3200.0	89	43016	No
60	GOM_NL__2PRFIN20100523_045814_000000412089_00377_43016_1136.N1	23-MAY-2010 04:58:14	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	43016	No
61	GOM_NL__2PRFIN20100523_050359_000000392089_00377_43016_1137.N1	23-MAY-2010 05:03:59	Bright	39.000	83		2.3780	11000.	78	43016	No
62	GOM_NL__2PRFIN20100523_050709_000000502089_00377_43016_1138.N1	23-MAY-2010 05:07:09	Bright	49.500	180	27Gam Boo	3.0400	8000.0	99	43016	No
63	GOM_NL__2PRFIN20100523_051517_000000432089_00377_43016_1139.N1	23-MAY-2010 05:15:17	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	43016	No
64	GOM_NL__2PRFIN20100523_051721_000000382089_00377_43016_1140.N1	23-MAY-2010 05:17:21	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	43016	No
65	GOM_NL__2PRFIN20100523_053005_000000412089_00377_43016_1141.N1	23-MAY-2010 05:30:05	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	43016	No
66	GOM_NL__2PRFIN20100523_053118_000000392089_00377_43016_1142.N1	23-MAY-2010 05:31:18	Bright	39.000	68	18Alp Cas	2.2250	4500.0	78	43016	No
67	GOM_NL__2PRFIN20100523_054000_000000462089_00377_43016_1143.N1	23-MAY-2010 05:40:00	Tw_i_and_stray	45.500	58	21Alp And	2.0730	11000.	91	43016	No
68	GOM_NL__2PRFIN20100523_054425_000000462089_00377_43016_1144.N1	23-MAY-2010 05:44:25	Dark	46.000	140	88Gam Peg	2.8340	26000.	92	43016	No
69	GOM_NL__2PRFIN20100523_060038_000000522089_00377_43016_1145.N1	23-MAY-2010 06:00:38	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	43016	No
70	GOM_NL__2PRFIN20100523_060439_000000592089_00377_43016_1146.N1	23-MAY-2010 06:04:39	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	43016	No
71	GOM_NL__2PRFIN20100523_060608_000000502089_00378_43017_1137.N1	23-MAY-2010 06:06:08	Dark	49.500	172	Gam Gru	3.0030	13100.	99	43017	No
72	GOM_NL__2PRFIN20100523_061143_000000412089_00378_43017_1138.N1	23-MAY-2010 06:11:43	Dark	40.500	45	Alp Pav	1.9400	26000.	81	43017	No
73	GOM_NL__2PRFIN20100523_061831_000000492089_00378_43017_1139.N1	23-MAY-2010 06:18:31	Straylight	48.500	141	Bet Ara	2.8400	4600.0	97	43017	No
74	GOM_NL__2PRFIN20100523_062117_000000502089_00378_43017_1140.N1	23-MAY-2010 06:21:17	Straylight	50.000	40	The Sco	1.8590	7100.0	100	43017	No
75	GOM_NL__2PRFIN20100523_062308_000000502089_00378_43017_1141.N1	23-MAY-2010 06:23:08	Straylight	49.500	25	35Lam Sco	1.6200	28000.	99	43017	No
76	GOM_NL__2PRFIN20100523_062511_000000512089_00378_43017_1142.N1	23-MAY-2010 06:25:11	Tw_i_and_stray	51.000	75	26Eps Sco	2.2910	4250.0	102	43017	No
77	GOM_NL__2PRFIN20100523_062804_000000602089_00378_43017_1143.N1	23-MAY-2010 06:28:04	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43017	No
78	GOM_NL__2PRFIN20100523_063028_000000422089_00378_43017_1144.N1	23-MAY-2010 06:30:28	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	43017	No
79	GOM_NL__2PRFIN20100523_063358_000000382089_00378_43017_1145.N1	23-MAY-2010 06:33:58	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	43017	No
80	GOM_NL__2PRFIN20100523_063545_000000442089_00378_43017_1146.N1	23-MAY-2010 06:35:45	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43017	No
81	GOM_NL__2PRFIN20100523_063850_000000402089_00378_43017_1147.N1	23-MAY-2010 06:38:50	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	43017	No
82	GOM_NL__2PRFIN20100523_064435_000000392089_00378_43017_1148.N1	23-MAY-2010 06:44:35	Bright	39.000	83		2.3780	11000.	78	43017	No
83	GOM_NL__2PRFIN20100523_064745_000000362089_00378_43017_1149.N1	23-MAY-2010 06:47:45	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	43017	No
84	GOM_NL__2PRFIN20100523_065553_000000422089_00378_43017_1150.N1	23-MAY-2010 06:55:53	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	43017	No
85	GOM_NL__2PRFIN20100523_065757_000000382089_00378_43017_1151.N1	23-MAY-2010 06:57:57	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	43017	No
86	GOM_NL__2PRFIN20100523_071041_000000542089_00378_43017_1152.N1	23-MAY-2010 07:10:41	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43017	No
87	GOM_NL__2PRFIN20100523_071154_000000362089_00378_43017_1153.N1	23-MAY-2010 07:11:54	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	43017	No
88	GOM_NL__2PRFIN20100523_072036_000000482089_00378_43017_1154.N1	23-MAY-2010 07:20:36	Tw_i_and_stray	48.000	58	21Alp And	2.0730	11000.	96	43017	No
89	GOM_NL__2PRFIN20100523_072502_000000462089_00378_43017_1155.N1	23-MAY-2010 07:25:02	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	43017	No
90	GOM_NL__2PRFIN20100523_074115_000000512089_00378_43017_1156.N1	23-MAY-2010 07:41:15	Dark	51.000	18	24Alp PsA	1.1660	9700.0	102	43017	No
91	GOM_NL__2PRFIN20100523_074515_000000592089_00378_43017_1157.N1	23-MAY-2010 07:45:15	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	43017	No
92	GOM_NL__2PRFIN20100523_074646_000000492089_00379_43018_1145.N1	23-MAY-2010 07:46:46	Dark	48.500	172	Gam Gru	3.0030	13100.	97	43018	No
93	GOM_NL__2PRFIN20100523_075219_000000432089_00379_43018_1146.N1	23-MAY-2010 07:52:19	Dark	43.000	45	Alp Pav	1.9400	26000.	86	43018	No
94	GOM_NL__2PRFIN20100523_075908_000000492089_00379_43018_1147.N1	23-MAY-2010 07:59:08	Straylight	48.500	141	Bet Ara	2.8400	4600.0	97	43018	No
95	GOM_NL__2PRFIN20100523_080154_000000482089_00379_43018_1148.N1	23-MAY-2010 08:01:54	Straylight	47.500	40	The Sco	1.8590	7100.0	95	43018	No
96	GOM_NL__2PRFIN20100523_080344_000000502089_00379_43018_1149.N1	23-MAY-2010 08:03:44	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	43018	No
97	GOM_NL__2PRFIN20100523_080548_000000472089_00379_43018_1150.N1	23-MAY-2010 08:05:48	Tw_i_and_stray	46.500	75	26Eps Sco	2.2910	4250.0	93	43018	No
98	GOM_NL__2PRFIN20100523_080840_000000542089_00379_43018_1151.N1	23-MAY-2010 08:08:40	Bright	54.000	16	21Alp Sco	1.0200	3000.0	108	43018	No
99	GOM_NL__2PRFIN20100523_081104_000000422089_00379_43018_1152.N1	23-MAY-2010 08:11:04	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	43018	No
100	GOM_NL__2PRFIN20100523_081434_000000392089_00379_43018_1153.N1	23-MAY-2010 08:14:34	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	43018	No
101	GOM_NL__2PRFIN20100523_081622_000000432089_00379_43018_1154.N1	23-MAY-2010 08:16:22	Bright	43.000	120	1Del Oph	2.7340	3200.0	86	43018	No

102	GOM_NL__2PRFIN20100523_081926_000000412089_00379_43018_1155.N1	23-MAY-2010 08:19:26	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	43018	No
103	GOM_NL__2PRFIN20100523_082511_000000362089_00379_43018_1156.N1	23-MAY-2010 08:25:11	Bright	36.000	83		2.3780	11000.	72	43018	No
104	GOM_NL__2PRFIN20100523_082820_000000512089_00379_43018_1157.N1	23-MAY-2010 08:28:20	Bright	51.000	180	27Gam Boo	3.0400	8000.0	102	43018	No
105	GOM_NL__2PRFIN20100523_083628_000000402089_00379_43018_1158.N1	23-MAY-2010 08:36:28	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	43018	No
106	GOM_NL__2PRFIN20100523_083833_000000362089_00379_43018_1159.N1	23-MAY-2010 08:38:33	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	43018	No
107	GOM_NL__2PRFIN20100523_085117_000000382089_00379_43018_1160.N1	23-MAY-2010 08:51:17	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	43018	No
108	GOM_NL__2PRFIN20100523_085229_000000402089_00379_43018_1161.N1	23-MAY-2010 08:52:29	Bright	39.500	68	18Alp Cas	2.2250	4500.0	79	43018	No
109	GOM_NL__2PRFIN20100523_090112_000000502089_00379_43018_1162.N1	23-MAY-2010 09:01:12	Twilight	50.000	58	21Alp And	2.0730	11000.	100	43018	No
110	GOM_NL__2PRFIN20100523_090538_000000472089_00379_43018_1163.N1	23-MAY-2010 09:05:38	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	43018	No
111	GOM_NL__2PRFIN20100523_092152_000000532089_00379_43018_1164.N1	23-MAY-2010 09:21:52	Dark	52.500	18	24Alp PsA	1.1660	9700.0	105	43018	No
112	GOM_NL__2PRFIN20100523_092552_000000552089_00379_43018_1165.N1	23-MAY-2010 09:25:52	Dark	54.500	63	Bet Gru	2.1500	2800.0	109	43018	No
113	GOM_NL__2PRFIN20100523_092722_000000482089_00380_43019_1153.N1	23-MAY-2010 09:27:22	Dark	48.000	172	Gam Gru	3.0030	13100.	96	43019	No
114	GOM_NL__2PRFIN20100523_093256_000000452089_00380_43019_1154.N1	23-MAY-2010 09:32:56	Dark	44.500	45	Alp Pav	1.9400	26000.	89	43019	No
115	GOM_NL__2PRFIN20100523_093944_000000492089_00380_43019_1155.N1	23-MAY-2010 09:39:44	Straylight	49.000	141	Bet Ara	2.8400	4600.0	98	43019	No
116	GOM_NL__2PRFIN20100523_094230_000000492089_00380_43019_1156.N1	23-MAY-2010 09:42:30	Straylight	49.000	40	The Sco	1.8590	7100.0	98	43019	No
117	GOM_NL__2PRFIN20100523_094421_000000532089_00380_43019_1157.N1	23-MAY-2010 09:44:21	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	43019	No
118	GOM_NL__2PRFIN20100523_094624_000000502089_00380_43019_1158.N1	23-MAY-2010 09:46:24	Twilight	49.500	75	26Eps Sco	2.2910	4250.0	99	43019	No
119	GOM_NL__2PRFIN20100523_094916_000000602089_00380_43019_1159.N1	23-MAY-2010 09:49:16	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43019	No
120	GOM_NL__2PRFIN20100523_095140_000000412089_00380_43019_1160.N1	23-MAY-2010 09:51:40	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	43019	No
121	GOM_NL__2PRFIN20100523_095510_000000382089_00380_43019_1161.N1	23-MAY-2010 09:55:10	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	43019	No
122	GOM_NL__2PRFIN20100523_095657_000000442089_00380_43019_1162.N1	23-MAY-2010 09:56:57	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43019	No
123	GOM_NL__2PRFIN20100523_100002_000000412089_00380_43019_1163.N1	23-MAY-2010 10:00:02	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	43019	No
124	GOM_NL__2PRFIN20100523_100546_000000372089_00380_43019_1164.N1	23-MAY-2010 10:05:46	Bright	37.000	83		2.3780	11000.	74	43019	No
125	GOM_NL__2PRFIN20100523_100856_000000362089_00380_43019_1165.N1	23-MAY-2010 10:08:56	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	43019	No
126	GOM_NL__2PRFIN20100523_101704_000000392089_00380_43019_1166.N1	23-MAY-2010 10:17:04	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	43019	No
127	GOM_NL__2PRFIN20100523_101909_000000342089_00380_43019_1167.N1	23-MAY-2010 10:19:09	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	43019	No
128	GOM_NL__2PRFIN20100523_103153_000000512089_00380_43019_1168.N1	23-MAY-2010 10:31:53	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	43019	No
129	GOM_NL__2PRFIN20100523_103305_000000382089_00380_43019_1169.N1	23-MAY-2010 10:33:05	Bright	38.000	68	18Alp Cas	2.2250	4500.0	76	43019	No
130	GOM_NL__2PRFIN20100523_104148_000000492089_00380_43019_1170.N1	23-MAY-2010 10:41:48	Twilight	49.000	58	21Alp And	2.0730	11000.	98	43019	No
131	GOM_NL__2PRFIN20100523_104614_000000452089_00380_43019_1171.N1	23-MAY-2010 10:46:14	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	43019	No
132	GOM_NL__2PRFIN20100523_110229_000000522089_00380_43019_1172.N1	23-MAY-2010 11:02:29	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	43019	No
133	GOM_NL__2PRFIN20100523_110629_000000462089_00380_43019_1173.N1	23-MAY-2010 11:06:29	Dark	45.500	63	Bet Gru	2.1500	2800.0	91	43019	No
134	GOM_NL__2PRFIN20100523_110800_000000492089_00381_43020_1161.N1	23-MAY-2010 11:08:00	Dark	48.500	172	Gam Gru	3.0030	13100.	97	43020	No
135	GOM_NL__2PRFIN20100523_111333_000000412089_00381_43020_1162.N1	23-MAY-2010 11:13:33	Dark	41.000	45	Alp Pav	1.9400	26000.	82	43020	No
136	GOM_NL__2PRFIN20100523_112020_000000452089_00381_43020_1163.N1	23-MAY-2010 11:20:20	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	43020	No
137	GOM_NL__2PRFIN20100523_112306_000000502089_00381_43020_1164.N1	23-MAY-2010 11:23:06	Straylight	50.000	40	The Sco	1.8590	7100.0	100	43020	No
138	GOM_NL__2PRFIN20100523_112457_000000532089_00381_43020_1165.N1	23-MAY-2010 11:24:57	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	43020	No
139	GOM_NL__2PRFIN20100523_112700_000000522089_00381_43020_1166.N1	23-MAY-2010 11:27:00	Twilight	51.500	75	26Eps Sco	2.2910	4250.0	103	43020	No
140	GOM_NL__2PRFIN20100523_112952_000000522089_00381_43020_1167.N1	23-MAY-2010 11:29:52	Bright	52.000	16	21Alp Sco	1.0200	3000.0	104	43020	No
141	GOM_NL__2PRFIN20100523_113216_000000442089_00381_43020_1168.N1	23-MAY-2010 11:32:16	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	43020	No
142	GOM_NL__2PRFIN20100523_113546_000000392089_00381_43020_1169.N1	23-MAY-2010 11:35:46	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	43020	No
143	GOM_NL__2PRFIN20100523_113733_000000442089_00381_43020_1170.N1	23-MAY-2010 11:37:33	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43020	No
144	GOM_NL__2PRFIN20100523_114037_000000392089_00381_43020_1171.N1	23-MAY-2010 11:40:37	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	43020	No
145	GOM_NL__2PRFIN20100523_114622_000000392089_00381_43020_1172.N1	23-MAY-2010 11:46:22	Bright	39.000	83		2.3780	11000.	78	43020	No
146	GOM_NL__2PRFIN20100523_114932_000000382089_00381_43020_1173.N1	23-MAY-2010 11:49:32	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	43020	No
147	GOM_NL__2PRFIN20100523_115739_000000422089_00381_43020_1174.N1	23-MAY-2010 11:57:39	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	43020	No
148	GOM_NL__2PRFIN20100523_115945_000000372089_00381_43020_1175.N1	23-MAY-2010 11:59:45	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	43020	No
149	GOM_NL__2PRFIN20100523_121229_000000542089_00381_43020_1176.N1	23-MAY-2010 12:12:29	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43020	No
150	GOM_NL__2PRFIN20100523_121341_000000552089_00381_43020_1177.N1	23-MAY-2010 12:13:41	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43020	No
151	GOM_NL__2PRFIN20100523_122224_000000512089_00381_43020_1178.N1	23-MAY-2010 12:22:24	Twilight	50.500	58	21Alp And	2.0730	11000.	101	43020	No
152	GOM_NL__2PRFIN20100523_122650_000000462089_00381_43020_1179.N1	23-MAY-2010 12:26:50	Dark	46.000	140	88Gam Peg	2.8340	26000.	92	43020	No
153	GOM_NL__2PRFIN20100523_124306_000000542089_00381_43020_1180.N1	23-MAY-2010 12:43:06	Dark	54.000	18	24Alp PsA	1.1660	9700.0	108	43020	No
154	GOM_NL__2PRFIN20100523_124705_000000582089_00381_43020_1181.N1	23-MAY-2010 12:47:05	Dark	57.500	63	Bet Gru	2.1500	2800.0	115	43020	No
155	GOM_NL__2PRFIN20100523_124837_000000482089_00382_43021_1169.N1	23-MAY-2010 12:48:37	Dark	47.500	172	Gam Gru	3.0030	13100.	95	43021	No
156	GOM_NL__2PRFIN20100523_125409_000000472089_00382_43021_1170.N1	23-MAY-2010 12:54:09	Dark	46.500	45	Alp Pav	1.9400	26000.	93	43021	No
157	GOM_NL__2PRFIN20100523_130057_000000442089_00382_43021_1171.N1	23-MAY-2010 13:00:57	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	43021	No
158	GOM_NL__2PRFIN20100523_130343_000000502089_00382_43021_1172.N1	23-MAY-2010 13:03:43	Straylight	49.500	40	The Sco	1.8590	7100.0	99	43021	No
159	GOM_NL__2PRFIN20100523_130533_000000492089_00382_43021_1173.N1	23-MAY-2010 13:05:33	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	43021	No
160	GOM_NL__2PRFIN20100523_130736_000000502089_00382_43021_1174.N1	23-MAY-2010 13:07:36	Twilight	50.000	75	26Eps Sco	2.2910	4250.0	100	43021	No

161	GOM_NL__2PRFIN20100523_131028_000000602089_00382_43021_1175.N1	23-MAY-2010 13:10:28	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43021	No
162	GOM_NL__2PRFIN20100523_131253_000000452089_00382_43021_1176.N1	23-MAY-2010 13:12:53	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	43021	No
163	GOM_NL__2PRFIN20100523_131622_000000372089_00382_43021_1177.N1	23-MAY-2010 13:16:22	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	43021	No
164	GOM_NL__2PRFIN20100523_131809_000000442089_00382_43021_1178.N1	23-MAY-2010 13:18:09	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43021	No
165	GOM_NL__2PRFIN20100523_132113_000000392089_00382_43021_1179.N1	23-MAY-2010 13:21:13	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	43021	No
166	GOM_NL__2PRFIN20100523_132658_000000362089_00382_43021_1180.N1	23-MAY-2010 13:26:58	Bright	35.500	83		2.3780	11000.	71	43021	No
167	GOM_NL__2PRFIN20100523_133008_000000392089_00382_43021_1181.N1	23-MAY-2010 13:30:08	Bright	38.500	180	27Gam Boo	3.0400	8000.0	77	43021	No
168	GOM_NL__2PRFIN20100523_133815_000000412089_00382_43021_1182.N1	23-MAY-2010 13:38:15	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	43021	No
169	GOM_NL__2PRFIN20100523_134020_000000392089_00382_43021_1183.N1	23-MAY-2010 13:40:20	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	43021	No
170	GOM_NL__2PRFIN20100523_135305_000000522089_00382_43021_1184.N1	23-MAY-2010 13:53:05	Bright	52.000	76	27Gam Cas	2.3000	30000.	104	43021	No
171	GOM_NL__2PRFIN20100523_135417_000000552089_00382_43021_1185.N1	23-MAY-2010 13:54:17	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43021	No
172	GOM_NL__2PRFIN20100523_140300_000000492089_00382_43021_1186.N1	23-MAY-2010 14:03:00	Tw_i_and_stray	48.500	58	21Alp And	2.0730	11000.	97	43021	No
173	GOM_NL__2PRFIN20100523_140727_000000462089_00382_43021_1187.N1	23-MAY-2010 14:07:27	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	43021	No
174	GOM_NL__2PRFIN20100523_142343_000000582089_00382_43021_1188.N1	23-MAY-2010 14:23:43	Dark	58.000	18	24Alp PsA	1.1660	9700.0	116	43021	No
175	GOM_NL__2PRFIN20100523_142742_000000572089_00382_43021_1189.N1	23-MAY-2010 14:27:42	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	43021	No
176	GOM_NL__2PRFIN20100523_142914_000000492089_00383_43022_1177.N1	23-MAY-2010 14:29:14	Dark	48.500	172	Gam Gru	3.0030	13100.	97	43022	No
177	GOM_NL__2PRFIN20100523_143446_000000422089_00383_43022_1178.N1	23-MAY-2010 14:34:46	Dark	42.000	45	Alp Pav	1.9400	26000.	84	43022	No
178	GOM_NL__2PRFIN20100523_144133_000000472089_00383_43022_1179.N1	23-MAY-2010 14:41:33	Straylight	47.000	141	Bet Ara	2.8400	4600.0	94	43022	No
179	GOM_NL__2PRFIN20100523_144420_000000502089_00383_43022_1180.N1	23-MAY-2010 14:44:20	Straylight	50.000	40	The Sco	1.8590	7100.0	100	43022	No
180	GOM_NL__2PRFIN20100523_144610_000000512089_00383_43022_1181.N1	23-MAY-2010 14:46:10	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	43022	No
181	GOM_NL__2PRFIN20100523_144813_000000492089_00383_43022_1182.N1	23-MAY-2010 14:48:13	Tw_i_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	43022	No
182	GOM_NL__2PRFIN20100523_145104_000000602089_00383_43022_1183.N1	23-MAY-2010 14:51:04	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43022	No
183	GOM_NL__2PRFIN20100523_145329_000000412089_00383_43022_1184.N1	23-MAY-2010 14:53:29	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	43022	No
184	GOM_NL__2PRFIN20100523_145658_000000362089_00383_43022_1185.N1	23-MAY-2010 14:56:58	Bright	36.000	104	27Bet Lib	2.6140	13100.	72	43022	No
185	GOM_NL__2PRFIN20100523_145844_000000442089_00383_43022_1186.N1	23-MAY-2010 14:58:44	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43022	No
186	GOM_NL__2PRFIN20100523_150149_000000402089_00383_43022_1187.N1	23-MAY-2010 15:01:49	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	43022	No
187	GOM_NL__2PRFIN20100523_150734_000000372089_00383_43022_1188.N1	23-MAY-2010 15:07:34	Bright	36.500	83		2.3780	11000.	73	43022	No
188	GOM_NL__2PRFIN20100523_151850_000000432089_00383_43022_1189.N1	23-MAY-2010 15:18:50	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	43022	No
189	GOM_NL__2PRFIN20100523_152056_000000352089_00383_43022_1190.N1	23-MAY-2010 15:20:56	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	43022	No
190	GOM_NL__2PRFIN20100523_153341_000000542089_00383_43022_1191.N1	23-MAY-2010 15:33:41	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43022	No
191	GOM_NL__2PRFIN20100523_153453_000000552089_00383_43022_1192.N1	23-MAY-2010 15:34:53	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43022	No
192	GOM_NL__2PRFIN20100523_154104_000000392089_00383_43022_1193.N1	23-MAY-2010 15:41:04	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43022	No
193	GOM_NL__2PRFIN20100523_154336_000000482089_00383_43022_1194.N1	23-MAY-2010 15:43:36	Tw_i_and_stray	47.500	58	21Alp And	2.0730	11000.	95	43022	No
194	GOM_NL__2PRFIN20100523_154803_000000462089_00383_43022_1195.N1	23-MAY-2010 15:48:03	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	43022	No
195	GOM_NL__2PRFIN20100523_160420_000000642089_00383_43022_1196.N1	23-MAY-2010 16:04:20	Dark	64.000	18	24Alp PsA	1.1660	9700.0	128	43022	No
196	GOM_NL__2PRFIN20100523_160819_000000592089_00383_43022_1197.N1	23-MAY-2010 16:08:19	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	43022	No
197	GOM_NL__2PRFIN20100523_160951_000000502089_00384_43023_1185.N1	23-MAY-2010 16:09:51	Dark	49.500	172	Gam Gru	3.0030	13100.	99	43023	No
198	GOM_NL__2PRFIN20100523_161522_000000422089_00384_43023_1186.N1	23-MAY-2010 16:15:22	Dark	41.500	45	Alp Pav	1.9400	26000.	83	43023	No
199	GOM_NL__2PRFIN20100523_162209_000000402089_00384_43023_1187.N1	23-MAY-2010 16:22:09	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	43023	No
200	GOM_NL__2PRFIN20100523_162456_000000492089_00384_43023_1188.N1	23-MAY-2010 16:24:56	Straylight	49.000	40	The Sco	1.8590	7100.0	98	43023	No
201	GOM_NL__2PRFIN20100523_162646_000000502089_00384_43023_1189.N1	23-MAY-2010 16:26:46	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	43023	No
202	GOM_NL__2PRFIN20100523_162849_000000492089_00384_43023_1190.N1	23-MAY-2010 16:28:49	Tw_i_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	43023	No
203	GOM_NL__2PRFIN20100523_163141_000000552089_00384_43023_1191.N1	23-MAY-2010 16:31:41	Bright	54.500	16	21Alp Sco	1.0200	3000.0	109	43023	No
204	GOM_NL__2PRFIN20100523_163405_000000432089_00384_43023_1192.N1	23-MAY-2010 16:34:05	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	43023	No
205	GOM_NL__2PRFIN20100523_163734_000000382089_00384_43023_1193.N1	23-MAY-2010 16:37:34	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	43023	No
206	GOM_NL__2PRFIN20100523_163920_000000452089_00384_43023_1194.N1	23-MAY-2010 16:39:20	Bright	44.500	120	1Del Oph	2.7340	3200.0	89	43023	No
207	GOM_NL__2PRFIN20100523_164225_000000402089_00384_43023_1195.N1	23-MAY-2010 16:42:25	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	43023	No
208	GOM_NL__2PRFIN20100523_164810_000000352089_00384_43023_1196.N1	23-MAY-2010 16:48:10	Bright	35.000	83		2.3780	11000.	70	43023	No
209	GOM_NL__2PRFIN20100523_165926_000000412089_00384_43023_1197.N1	23-MAY-2010 16:59:26	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	43023	No
210	GOM_NL__2PRFIN20100523_170132_000000382089_00384_43023_1198.N1	23-MAY-2010 17:01:32	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	43023	No
211	GOM_NL__2PRFIN20100523_171417_000000352089_00384_43023_1199.N1	23-MAY-2010 17:14:17	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	43023	No
212	GOM_NL__2PRFIN20100523_171529_000000372089_00384_43023_1200.N1	23-MAY-2010 17:15:29	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	43023	No
213	GOM_NL__2PRFIN20100523_172140_000000392089_00384_43023_1201.N1	23-MAY-2010 17:21:40	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43023	No
214	GOM_NL__2PRFIN20100523_172413_000000492089_00384_43023_1202.N1	23-MAY-2010 17:24:13	Tw_i_and_stray	49.000	58	21Alp And	2.0730	11000.	98	43023	No
215	GOM_NL__2PRFIN20100523_172839_000000472089_00384_43023_1203.N1	23-MAY-2010 17:28:39	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	43023	No
216	GOM_NL__2PRFIN20100523_174457_000000542089_00384_43023_1204.N1	23-MAY-2010 17:44:57	Dark	53.500	18	24Alp PsA	1.1660	9700.0	107	43023	No
217	GOM_NL__2PRFIN20100523_174856_000000552089_00384_43023_1205.N1	23-MAY-2010 17:48:56	Dark	55.000	63	Bet Gru	2.1500	2800.0	110	43023	No
218	GOM_NL__2PRFIN20100523_175028_000000492089_00385_43024_1193.N1	23-MAY-2010 17:50:28	Dark	48.500	172	Gam Gru	3.0030	13100.	97	43024	No
219	GOM_NL__2PRFIN20100523_175559_000000422089_00385_43024_1194.N1	23-MAY-2010 17:55:59	Dark	42.000	45	Alp Pav	1.9400	26000.	84	43024	No

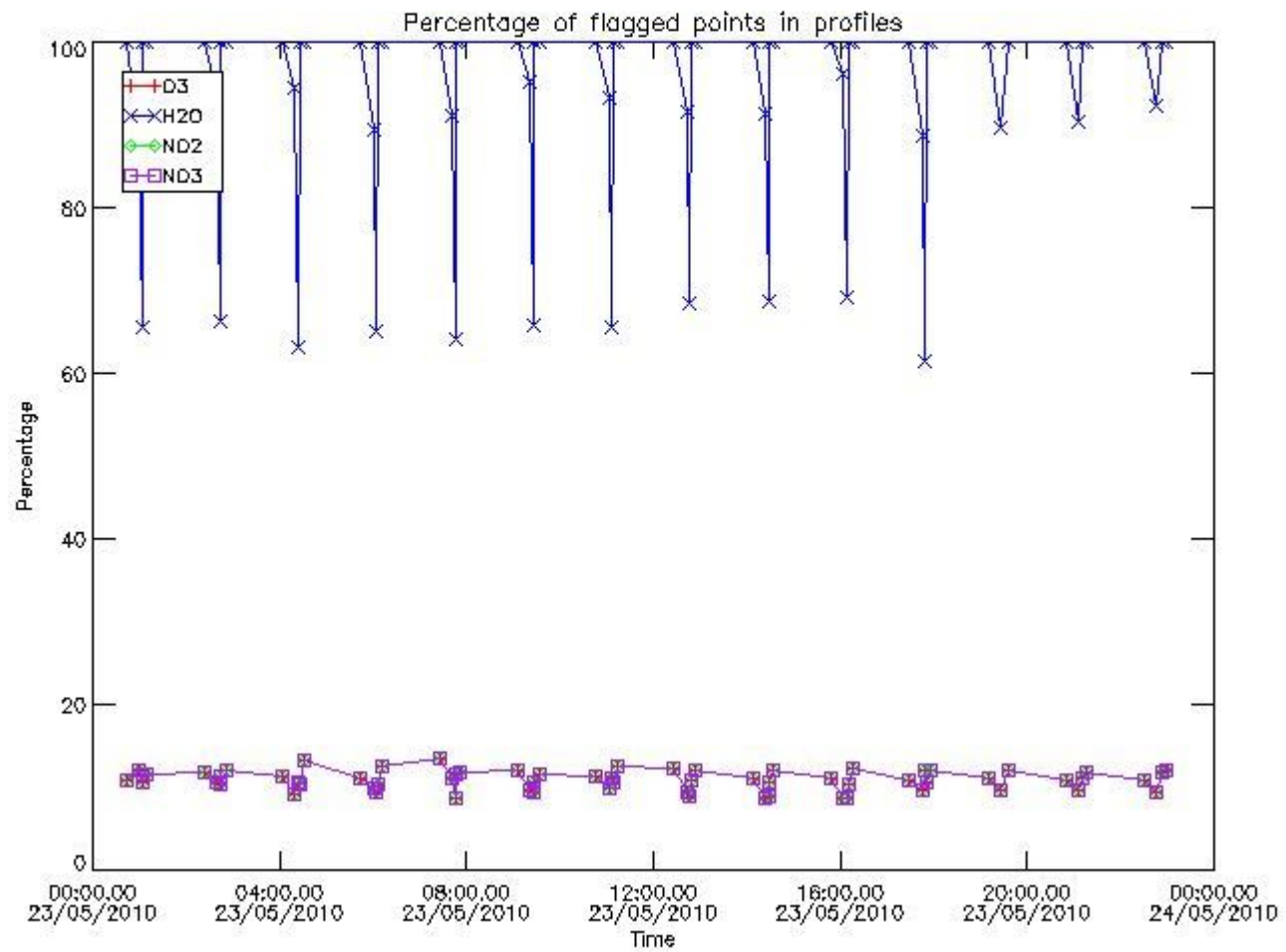
220	GOM_NL__2PRFIN20100523_180246_000000402089_00385_43024_1195.N1	23-MAY-2010 18:02:46	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	43024	No
221	GOM_NL__2PRFIN20100523_180532_000000542089_00385_43024_1196.N1	23-MAY-2010 18:05:32	Straylight	54.000	40	The Sco	1.8590	7100.0	108	43024	No
222	GOM_NL__2PRFIN20100523_180723_000000532089_00385_43024_1197.N1	23-MAY-2010 18:07:23	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	43024	No
223	GOM_NL__2PRFIN20100523_180925_000000492089_00385_43024_1198.N1	23-MAY-2010 18:09:25	Tw_i_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	43024	No
224	GOM_NL__2PRFIN20100523_181217_000000602089_00385_43024_1199.N1	23-MAY-2010 18:12:17	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43024	No
225	GOM_NL__2PRFIN20100523_181441_000000422089_00385_43024_1200.N1	23-MAY-2010 18:14:41	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	43024	No
226	GOM_NL__2PRFIN20100523_181810_000000452089_00385_43024_1201.N1	23-MAY-2010 18:18:10	Bright	44.500	104	27Bet Lib	2.6140	13100.	89	43024	No
227	GOM_NL__2PRFIN20100523_181956_000000442089_00385_43024_1202.N1	23-MAY-2010 18:19:56	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43024	No
228	GOM_NL__2PRFIN20100523_182301_000000402089_00385_43024_1203.N1	23-MAY-2010 18:23:01	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	43024	No
229	GOM_NL__2PRFIN20100523_182846_000000392089_00385_43024_1204.N1	23-MAY-2010 18:28:46	Bright	38.500	83		2.3780	11000.	77	43024	No
230	GOM_NL__2PRFIN20100523_184001_000000402089_00385_43024_1205.N1	23-MAY-2010 18:40:01	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	43024	No
231	GOM_NL__2PRFIN20100523_184208_000000352089_00385_43024_1206.N1	23-MAY-2010 18:42:08	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	43024	No
232	GOM_NL__2PRFIN20100523_185452_000000542089_00385_43024_1207.N1	23-MAY-2010 18:54:52	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43024	No
233	GOM_NL__2PRFIN20100523_185604_000000552089_00385_43024_1208.N1	23-MAY-2010 18:56:04	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43024	No
234	GOM_NL__2PRFIN20100523_190217_000000392089_00385_43024_1209.N1	23-MAY-2010 19:02:17	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43024	No
235	GOM_NL__2PRFIN20100523_190448_000000482089_00385_43024_1210.N1	23-MAY-2010 19:04:48	Tw_i_and_stray	47.500	58	21Alp And	2.0730	11000.	95	43024	No
236	GOM_NL__2PRFIN20100523_190916_000000462089_00385_43024_1211.N1	23-MAY-2010 19:09:16	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	43024	No
237	GOM_NL__2PRFIN20100523_192534_000000532089_00385_43024_1212.N1	23-MAY-2010 19:25:34	Dark	53.000	18	24Alp PsA	1.1660	9700.0	106	43024	No
238	GOM_NL__2PRFIN20100523_193636_000000432089_00386_43025_1201.N1	23-MAY-2010 19:36:36	Dark	42.500	45	Alp Pav	1.9400	26000.	85	43025	No
239	GOM_NL__2PRFIN20100523_194322_000000472089_00386_43025_1202.N1	23-MAY-2010 19:43:22	Straylight	46.500	141	Bet Ara	2.8400	4600.0	93	43025	No
240	GOM_NL__2PRFIN20100523_194609_000000532089_00386_43025_1203.N1	23-MAY-2010 19:46:09	Straylight	52.500	40	The Sco	1.8590	7100.0	105	43025	No
241	GOM_NL__2PRFIN20100523_194800_000000542089_00386_43025_1204.N1	23-MAY-2010 19:48:00	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	43025	No
242	GOM_NL__2PRFIN20100523_195001_000000502089_00386_43025_1205.N1	23-MAY-2010 19:50:01	Tw_i_and_stray	49.500	75	26Eps Sco	2.2910	4250.0	99	43025	No
243	GOM_NL__2PRFIN20100523_195253_000000602089_00386_43025_1206.N1	23-MAY-2010 19:52:53	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43025	No
244	GOM_NL__2PRFIN20100523_195517_000000452089_00386_43025_1207.N1	23-MAY-2010 19:55:17	Bright	45.000	97	8Bet1Sco	2.5610	30000.	90	43025	No
245	GOM_NL__2PRFIN20100523_195846_000000392089_00386_43025_1208.N1	23-MAY-2010 19:58:46	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	43025	No
246	GOM_NL__2PRFIN20100523_200032_000000442089_00386_43025_1209.N1	23-MAY-2010 20:00:32	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43025	No
247	GOM_NL__2PRFIN20100523_200336_000000402089_00386_43025_1210.N1	23-MAY-2010 20:03:36	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	43025	No
248	GOM_NL__2PRFIN20100523_200922_000000412089_00386_43025_1211.N1	23-MAY-2010 20:09:22	Bright	40.500	83		2.3780	11000.	81	43025	No
249	GOM_NL__2PRFIN20100523_202037_000000432089_00386_43025_1212.N1	23-MAY-2010 20:20:37	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	43025	No
250	GOM_NL__2PRFIN20100523_202244_000000372089_00386_43025_1213.N1	23-MAY-2010 20:22:44	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	43025	No
251	GOM_NL__2PRFIN20100523_203528_000000412089_00386_43025_1214.N1	23-MAY-2010 20:35:28	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	43025	No
252	GOM_NL__2PRFIN20100523_203641_000000372089_00386_43025_1215.N1	23-MAY-2010 20:36:41	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	43025	No
253	GOM_NL__2PRFIN20100523_204252_000000392089_00386_43025_1216.N1	23-MAY-2010 20:42:52	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43025	No
254	GOM_NL__2PRFIN20100523_204525_000000492089_00386_43025_1217.N1	23-MAY-2010 20:45:25	Tw_i_and_stray	48.500	58	21Alp And	2.0730	11000.	97	43025	No
255	GOM_NL__2PRFIN20100523_204952_000000462089_00386_43025_1218.N1	23-MAY-2010 20:49:52	Dark	46.000	140	88Gam Peg	2.8340	26000.	92	43025	No
256	GOM_NL__2PRFIN20100523_210611_000000532089_00386_43025_1219.N1	23-MAY-2010 21:06:11	Dark	52.500	18	24Alp PsA	1.1660	9700.0	105	43025	No
257	GOM_NL__2PRFIN20100523_211150_000000462089_00387_43026_1229.N1	23-MAY-2010 21:11:50	Dark	46.000	31	Alp Gru	1.7340	15200.	92	43026	No
258	GOM_NL__2PRFIN20100523_211713_000000432089_00387_43026_1230.N1	23-MAY-2010 21:17:13	Dark	43.000	45	Alp Pav	1.9400	26000.	86	43026	No
259	GOM_NL__2PRFIN20100523_212358_000000472089_00387_43026_1231.N1	23-MAY-2010 21:23:58	Straylight	46.500	141	Bet Ara	2.8400	4600.0	93	43026	No
260	GOM_NL__2PRFIN20100523_212645_000000492089_00387_43026_1232.N1	23-MAY-2010 21:26:45	Straylight	49.000	40	The Sco	1.8590	7100.0	98	43026	No
261	GOM_NL__2PRFIN20100523_212836_000000532089_00387_43026_1233.N1	23-MAY-2010 21:28:36	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	43026	No
262	GOM_NL__2PRFIN20100523_213038_000000482089_00387_43026_1234.N1	23-MAY-2010 21:30:38	Tw_i_and_stray	48.000	75	26Eps Sco	2.2910	4250.0	96	43026	No
263	GOM_NL__2PRFIN20100523_213329_000000552089_00387_43026_1235.N1	23-MAY-2010 21:33:29	Bright	55.000	16	21Alp Sco	1.0200	3000.0	110	43026	No
264	GOM_NL__2PRFIN20100523_213553_000000412089_00387_43026_1236.N1	23-MAY-2010 21:35:53	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	43026	No
265	GOM_NL__2PRFIN20100523_214108_000000442089_00387_43026_1237.N1	23-MAY-2010 21:41:08	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43026	No
266	GOM_NL__2PRFIN20100523_214412_000000402089_00387_43026_1238.N1	23-MAY-2010 21:44:12	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	43026	No
267	GOM_NL__2PRFIN20100523_214958_000000412089_00387_43026_1239.N1	23-MAY-2010 21:49:58	Bright	41.000	83		2.3780	11000.	82	43026	No
268	GOM_NL__2PRFIN20100523_220112_000000392089_00387_43026_1240.N1	23-MAY-2010 22:01:12	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	43026	No
269	GOM_NL__2PRFIN20100523_220320_000000392089_00387_43026_1241.N1	23-MAY-2010 22:03:20	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	43026	No
270	GOM_NL__2PRFIN20100523_221604_000000382089_00387_43026_1242.N1	23-MAY-2010 22:16:04	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	43026	No
271	GOM_NL__2PRFIN20100523_221716_000000552089_00387_43026_1243.N1	23-MAY-2010 22:17:16	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43026	No
272	GOM_NL__2PRFIN20100523_222329_000000392089_00387_43026_1244.N1	23-MAY-2010 22:23:29	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43026	No
273	GOM_NL__2PRFIN20100523_222601_000000522089_00387_43026_1245.N1	23-MAY-2010 22:26:01	Tw_i_and_stray	51.500	58	21Alp And	2.0730	11000.	103	43026	No
274	GOM_NL__2PRFIN20100523_223028_000000472089_00387_43026_1246.N1	23-MAY-2010 22:30:28	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	43026	No
275	GOM_NL__2PRFIN20100523_224648_000000592089_00387_43026_1247.N1	23-MAY-2010 22:46:48	Dark	59.000	18	24Alp PsA	1.1660	9700.0	118	43026	No
276	GOM_NL__2PRFIN20100523_225227_000000442089_00388_43027_1237.N1	23-MAY-2010 22:52:27	Dark	43.500	31	Alp Gru	1.7340	15200.	87	43027	No
277	GOM_NL__2PRFIN20100523_225749_000000432089_00388_43027_1238.N1	23-MAY-2010 22:57:49	Dark	42.500	45	Alp Pav	1.9400	26000.	85	43027	No
278	GOM_NL__2PRFIN20100523_230435_000000432089_00388_43027_1239.N1	23-MAY-2010 23:04:35	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	43027	No

279	GOM_NL__2PRFIN20100523_230721_000000482089_00388_43027_1240.N1	23-MAY-2010 23:07:21	Straylight	48.000	40	The Sco	1.8590	7100.0	96	43027	No
280	GOM_NL__2PRFIN20100523_230912_000000502089_00388_43027_1241.N1	23-MAY-2010 23:09:12	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	43027	No
281	GOM_NL__2PRFIN20100523_231114_000000542089_00388_43027_1242.N1	23-MAY-2010 23:11:14	Twilight_stray	54.000	75	26Eps Sco	2.2910	4250.0	108	43027	No
282	GOM_NL__2PRFIN20100523_231405_000000562089_00388_43027_1243.N1	23-MAY-2010 23:14:05	Bright	56.000	16	21Alp Sco	1.0200	3000.0	112	43027	No
283	GOM_NL__2PRFIN20100523_231629_000000412089_00388_43027_1244.N1	23-MAY-2010 23:16:29	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	43027	No
284	GOM_NL__2PRFIN20100523_231958_000000192089_00388_43027_1245.N1	23-MAY-2010 23:19:58	Twilight_stray	19.000	104	27Bet Lib	2.6140	13100.	38	43027	No
285	GOM_NL__2PRFIN20100523_232144_000000442089_00388_43027_1246.N1	23-MAY-2010 23:21:44	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43027	No
286	GOM_NL__2PRFIN20100523_232448_000000412089_00388_43027_1247.N1	23-MAY-2010 23:24:48	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	43027	No
287	GOM_NL__2PRFIN20100523_233034_000000362089_00388_43027_1248.N1	23-MAY-2010 23:30:34	Bright	36.000	83		2.3780	11000.	72	43027	No
288	GOM_NL__2PRFIN20100523_234148_000000412089_00388_43027_1249.N1	23-MAY-2010 23:41:48	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	43027	No
289	GOM_NL__2PRFIN20100523_234356_000000382089_00388_43027_1250.N1	23-MAY-2010 23:43:56	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	43027	No
290	GOM_NL__2PRFIN20100523_235640_000000542089_00388_43027_1251.N1	23-MAY-2010 23:56:40	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43027	No
291	GOM_NL__2PRFIN20100523_235752_000000552089_00388_43027_1252.N1	23-MAY-2010 23:57:52	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43027	No

3. Quality information per product

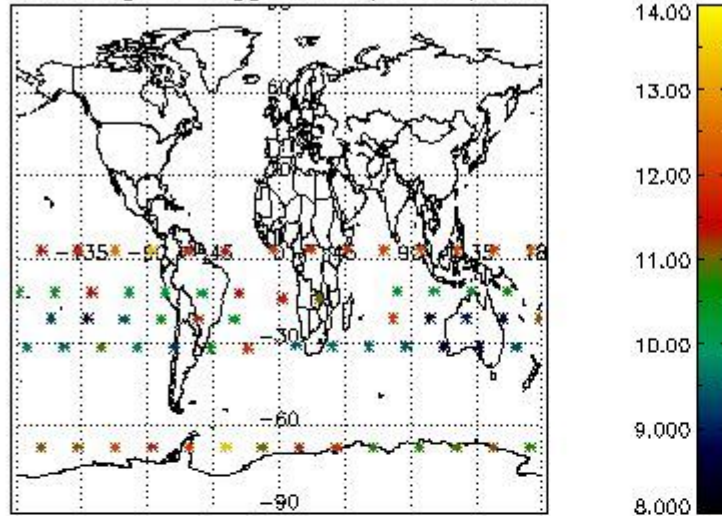
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

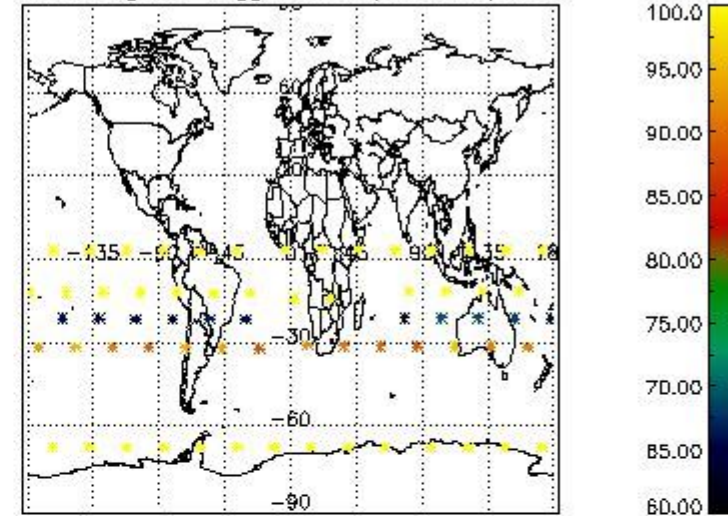


3.2 Plot quality information per product (world map)

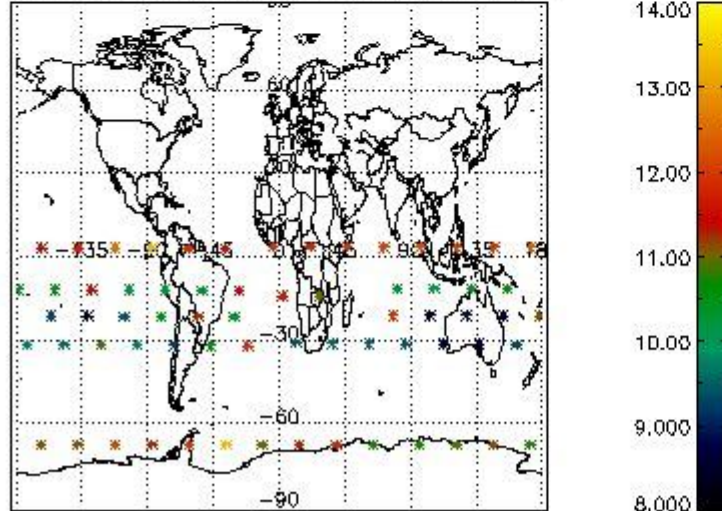
Percentage of flagged data per O3 profile



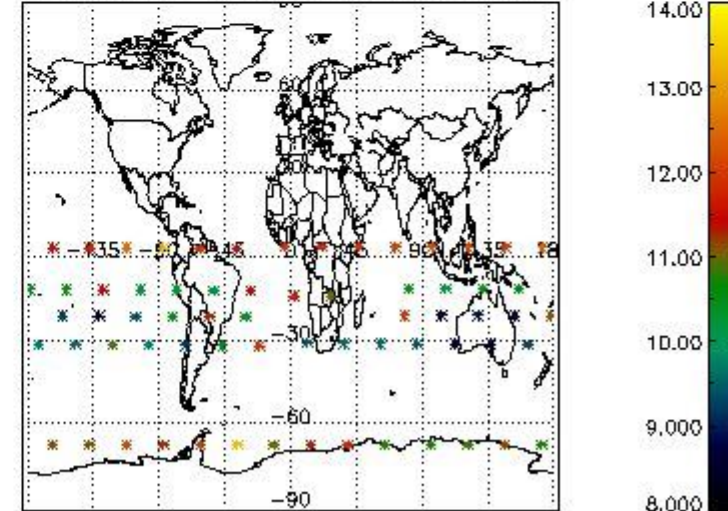
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

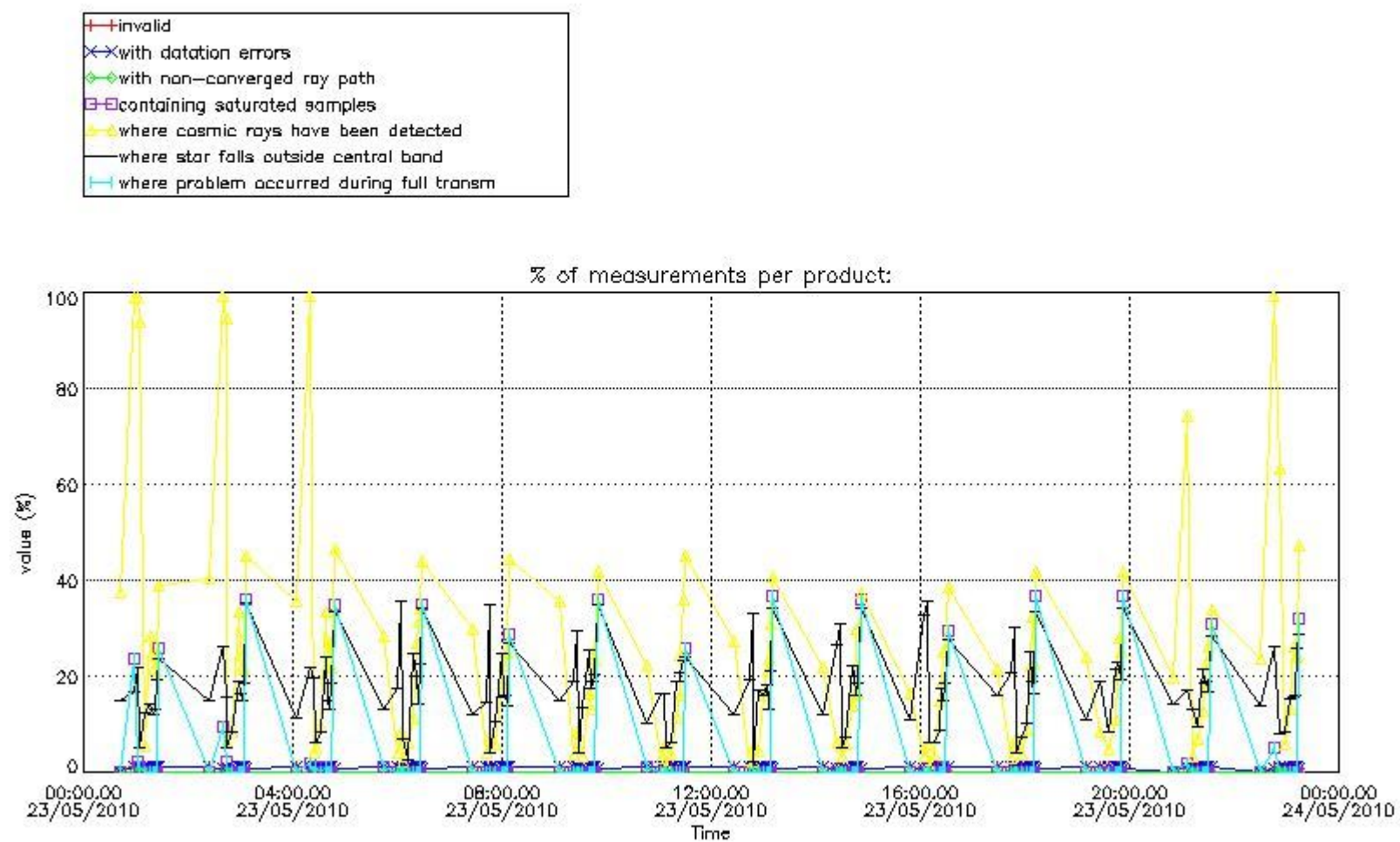


4. Level 1 quality information per product

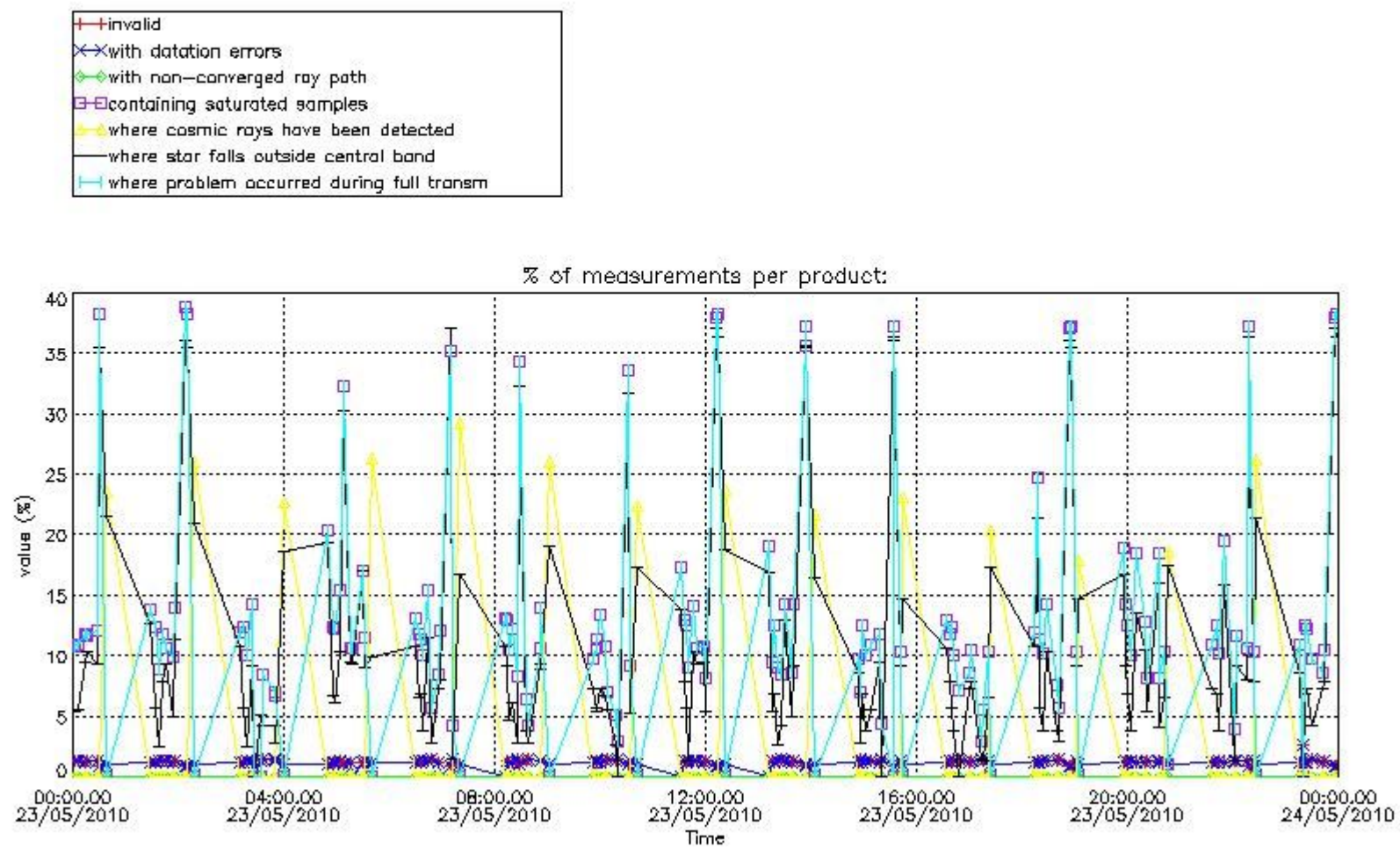
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

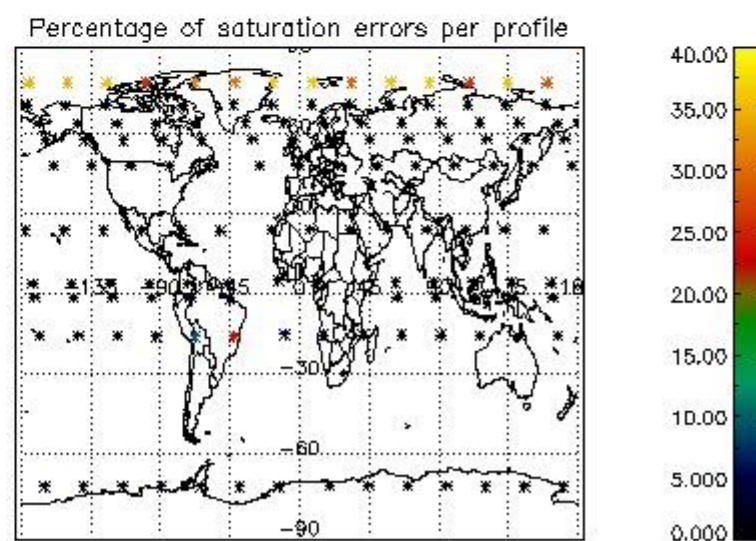
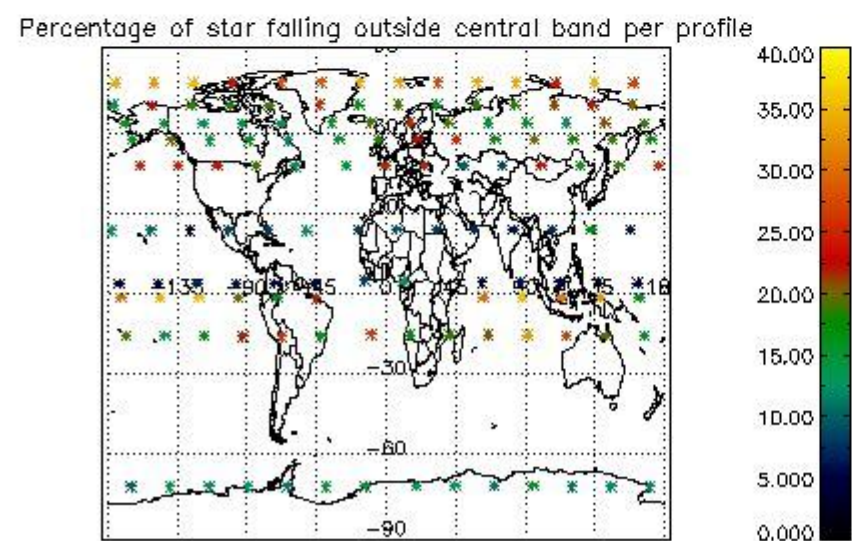
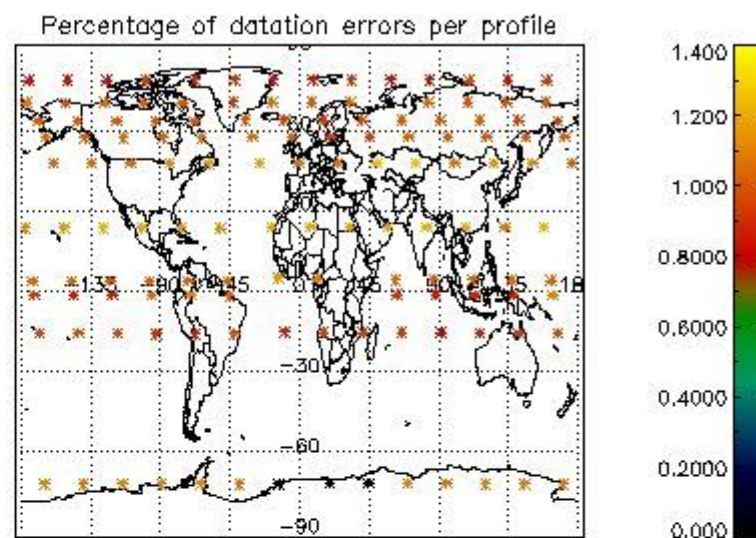
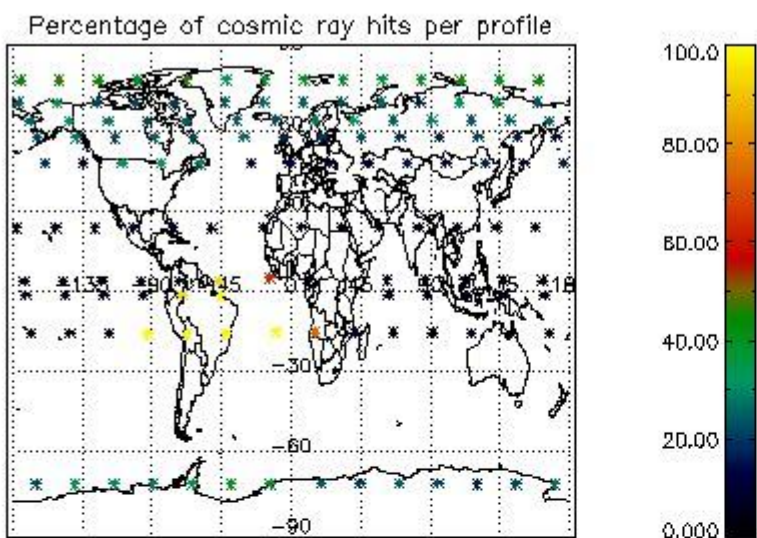


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

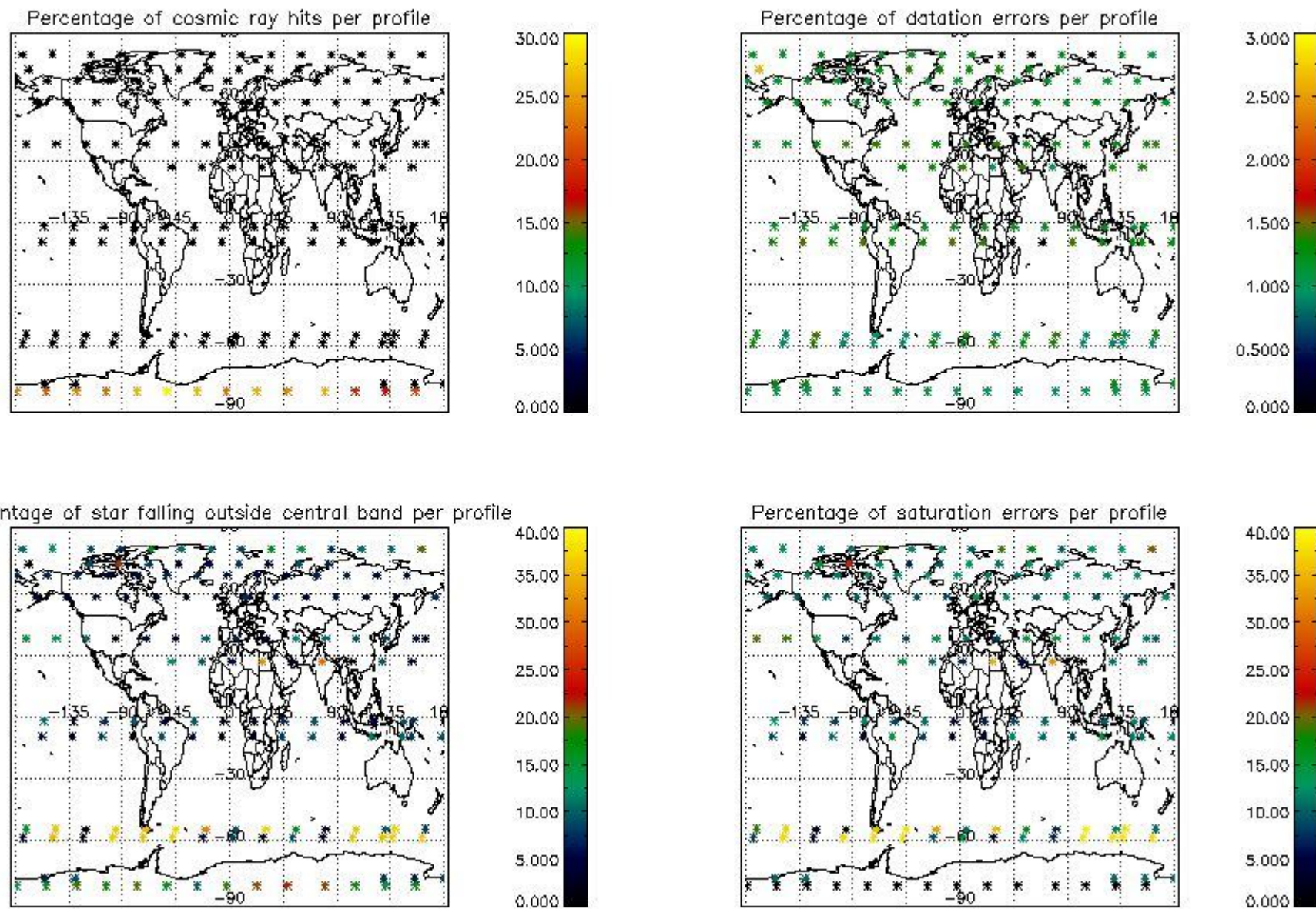


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

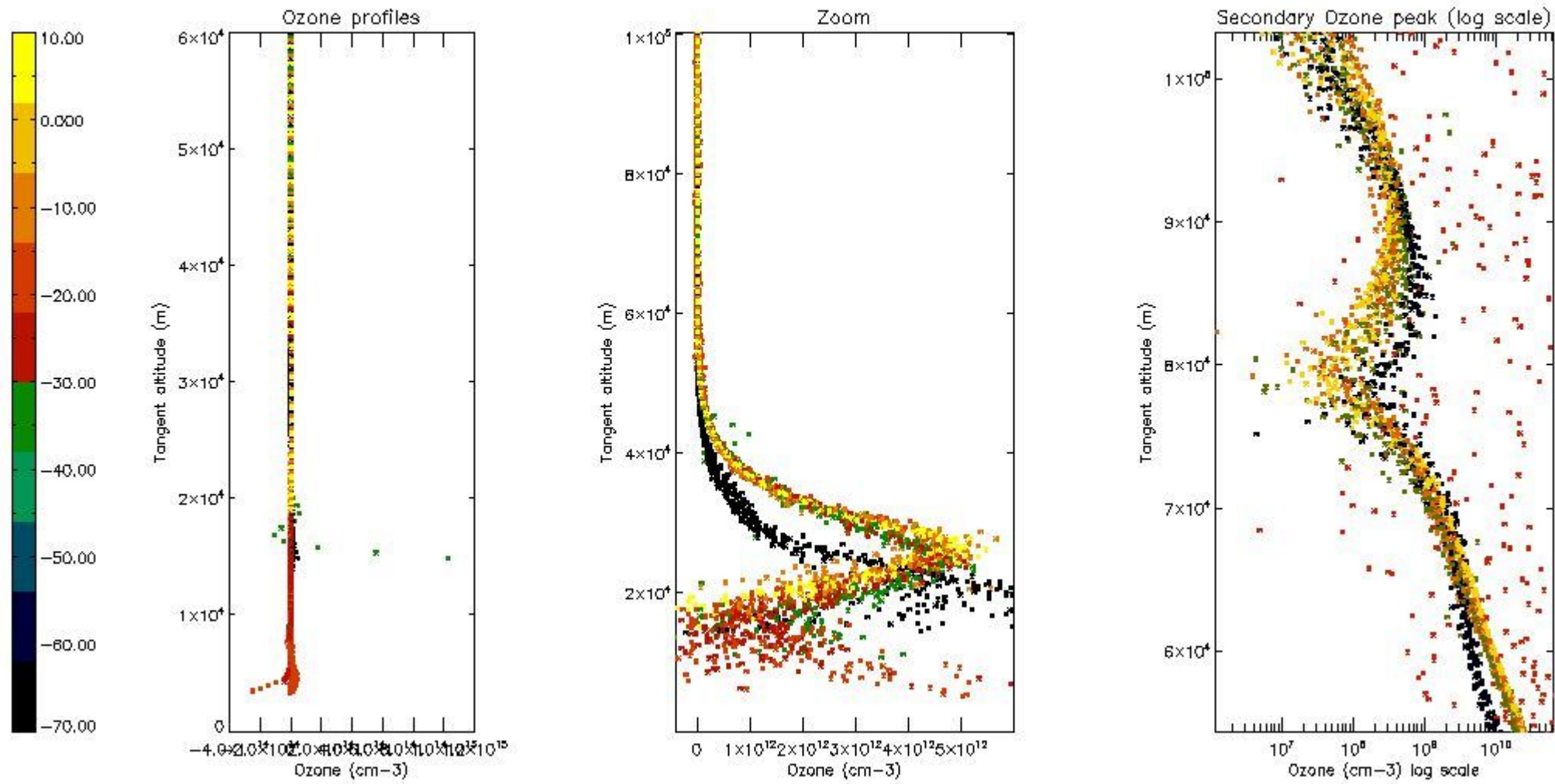
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	13

STD < 10	11
STD < 5	7

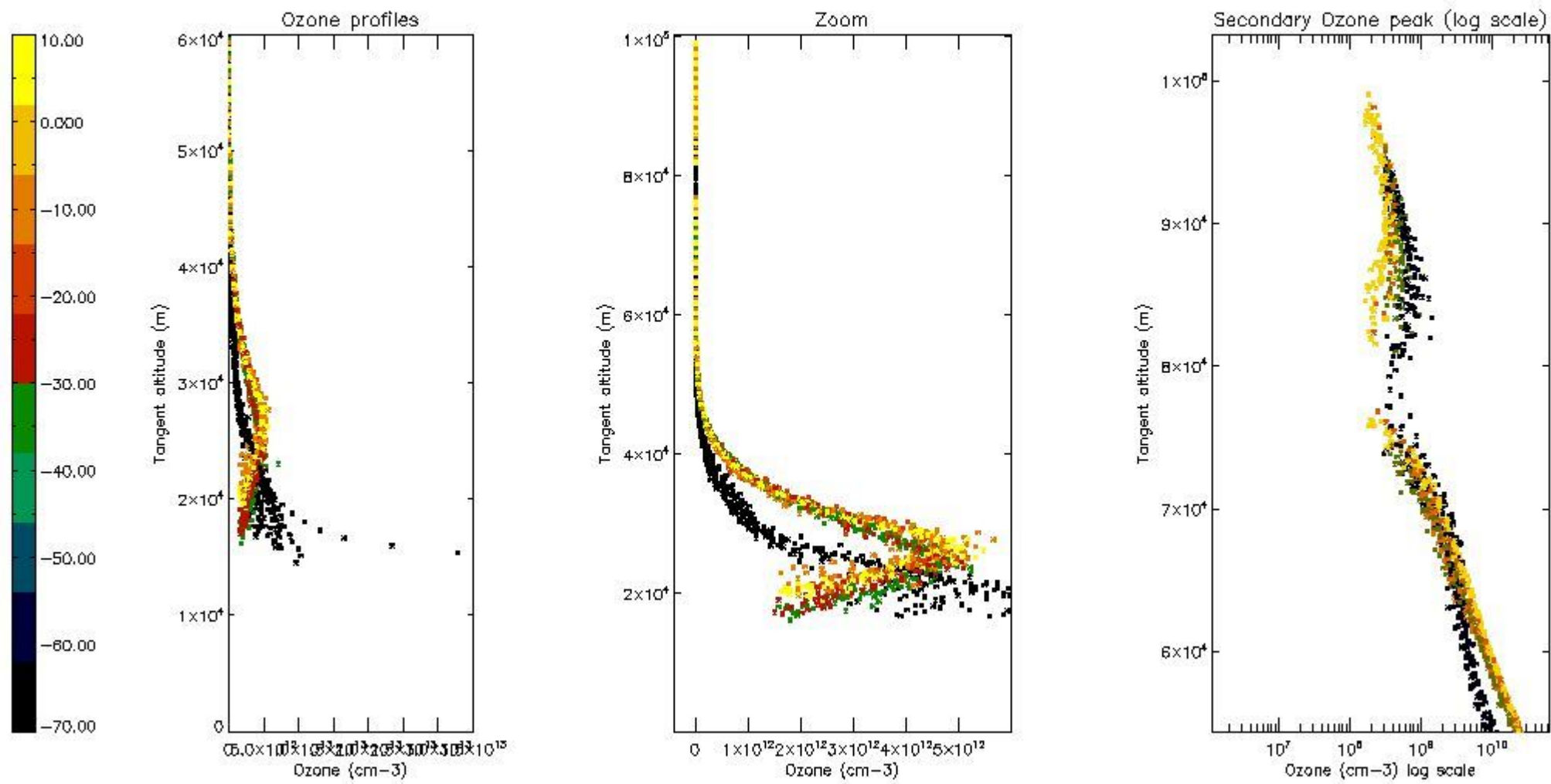
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



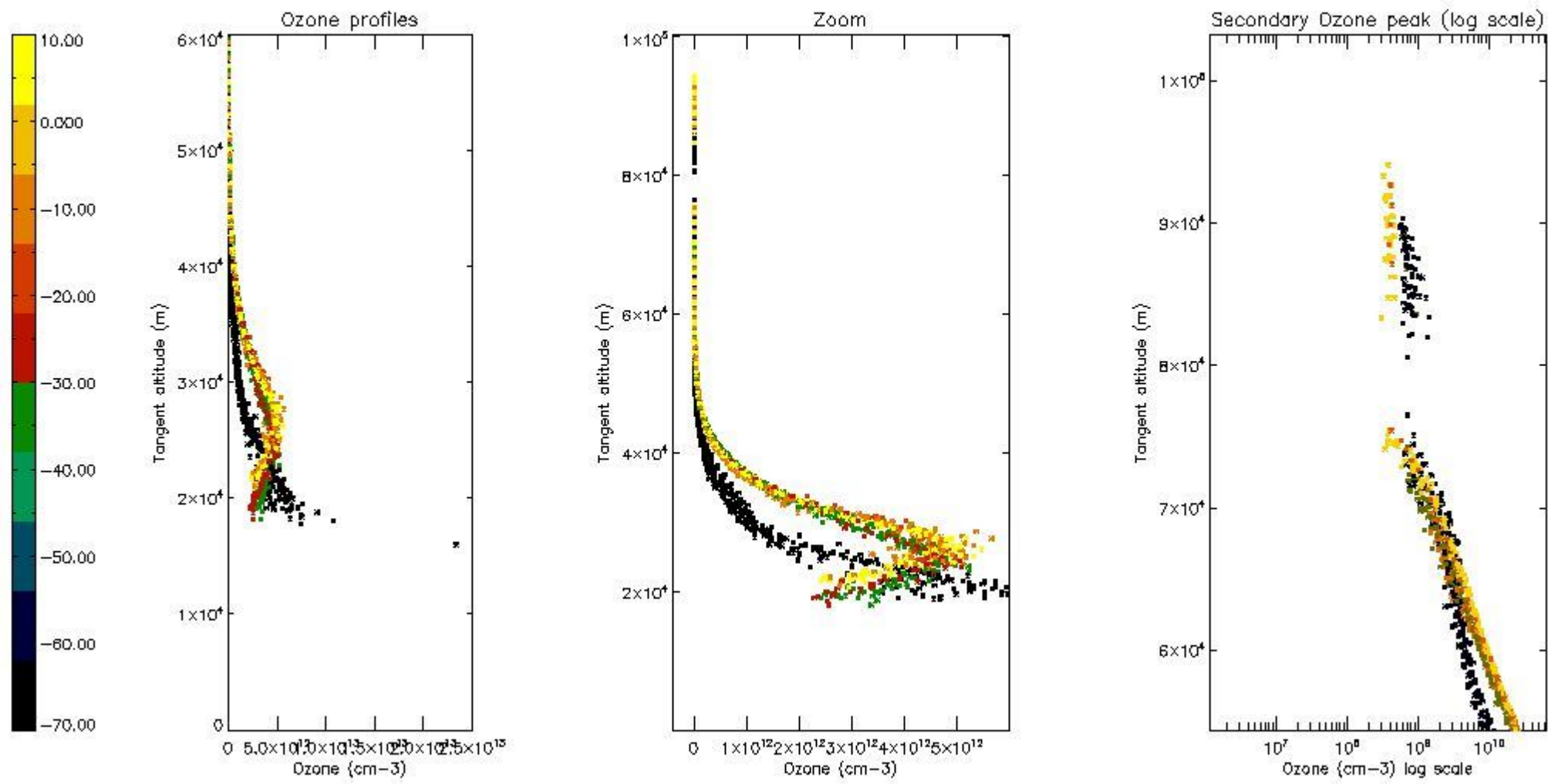
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



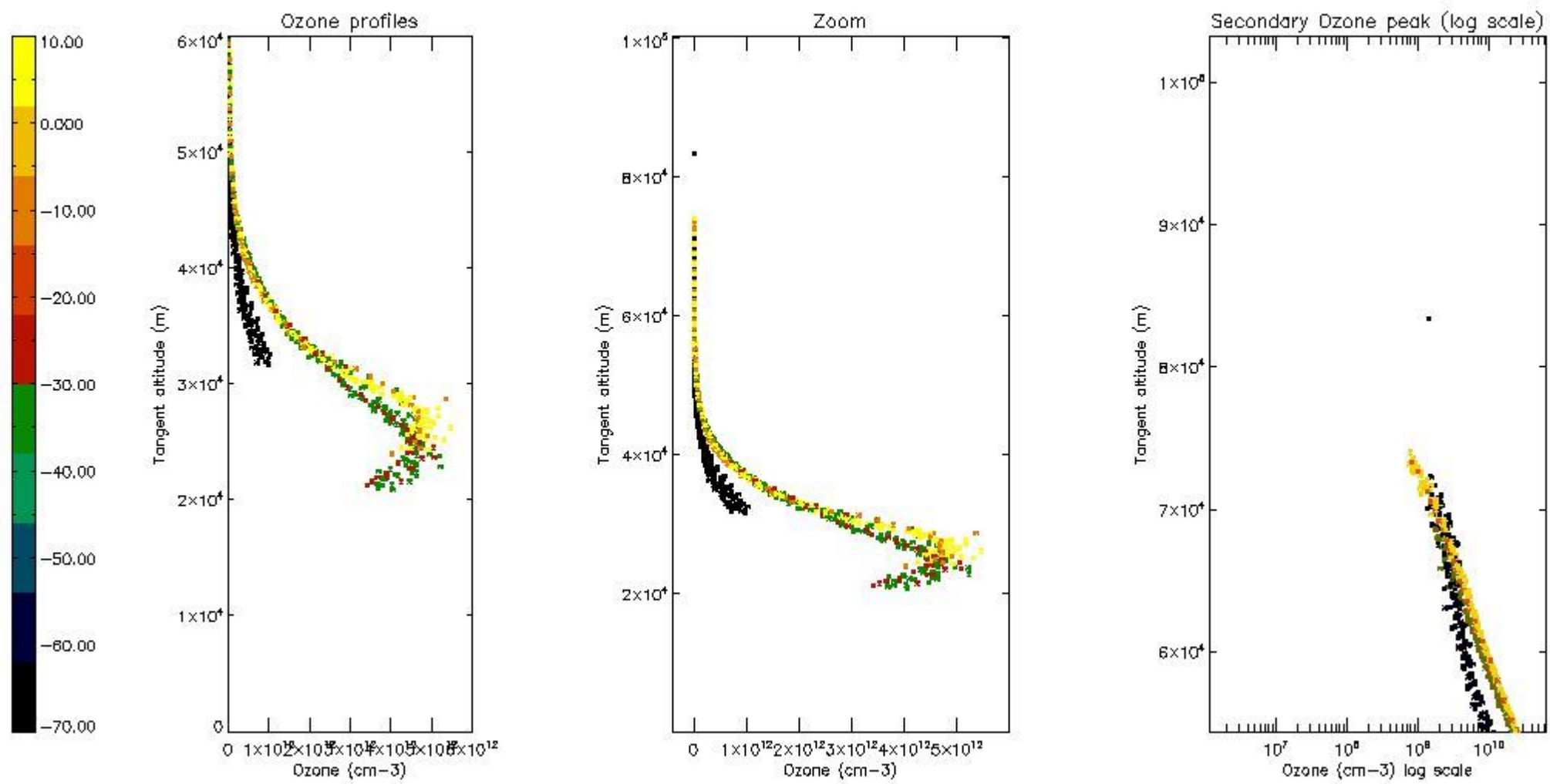
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



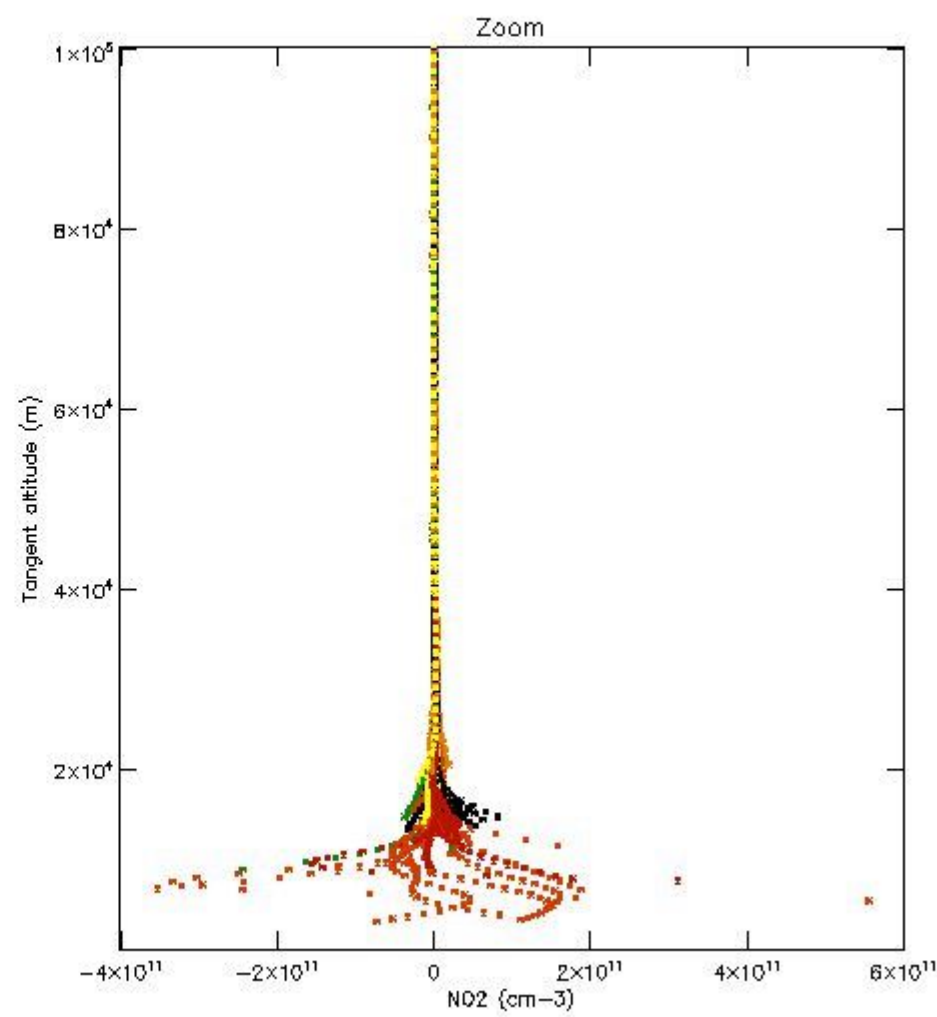
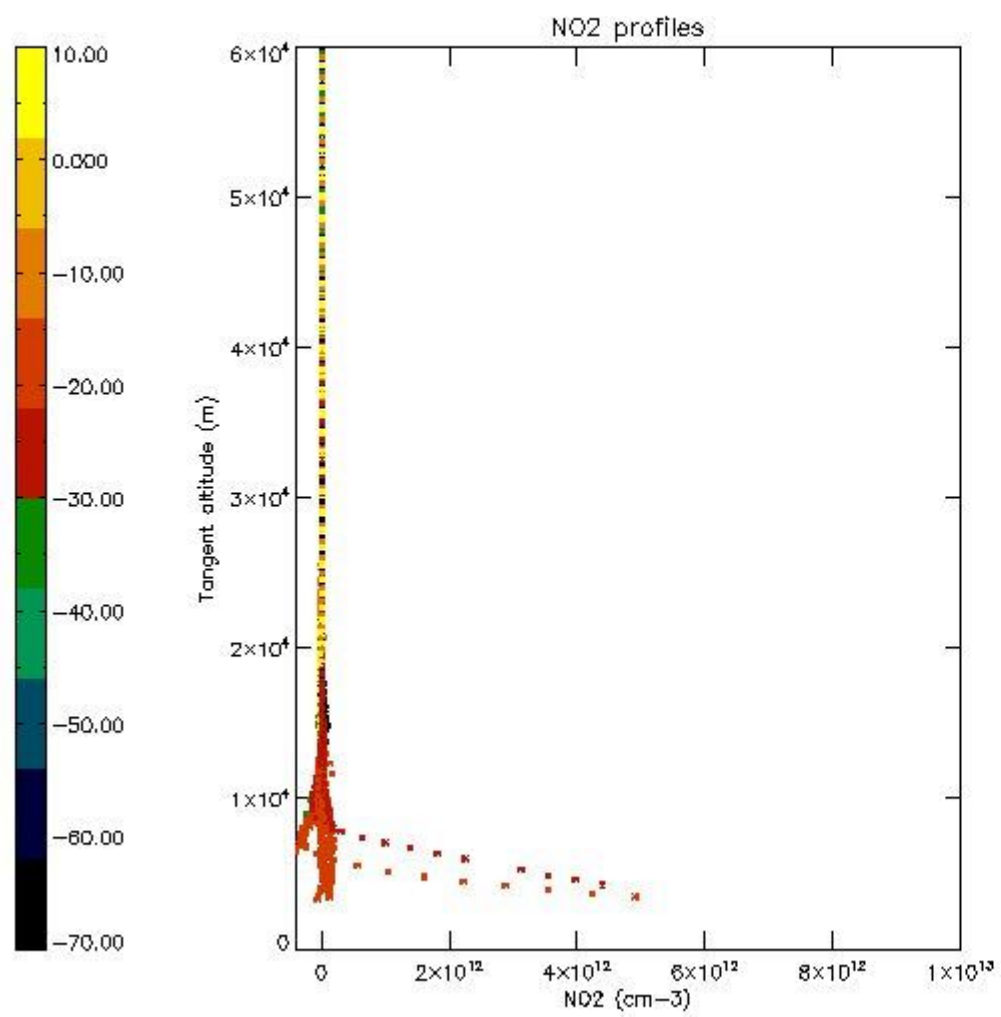
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



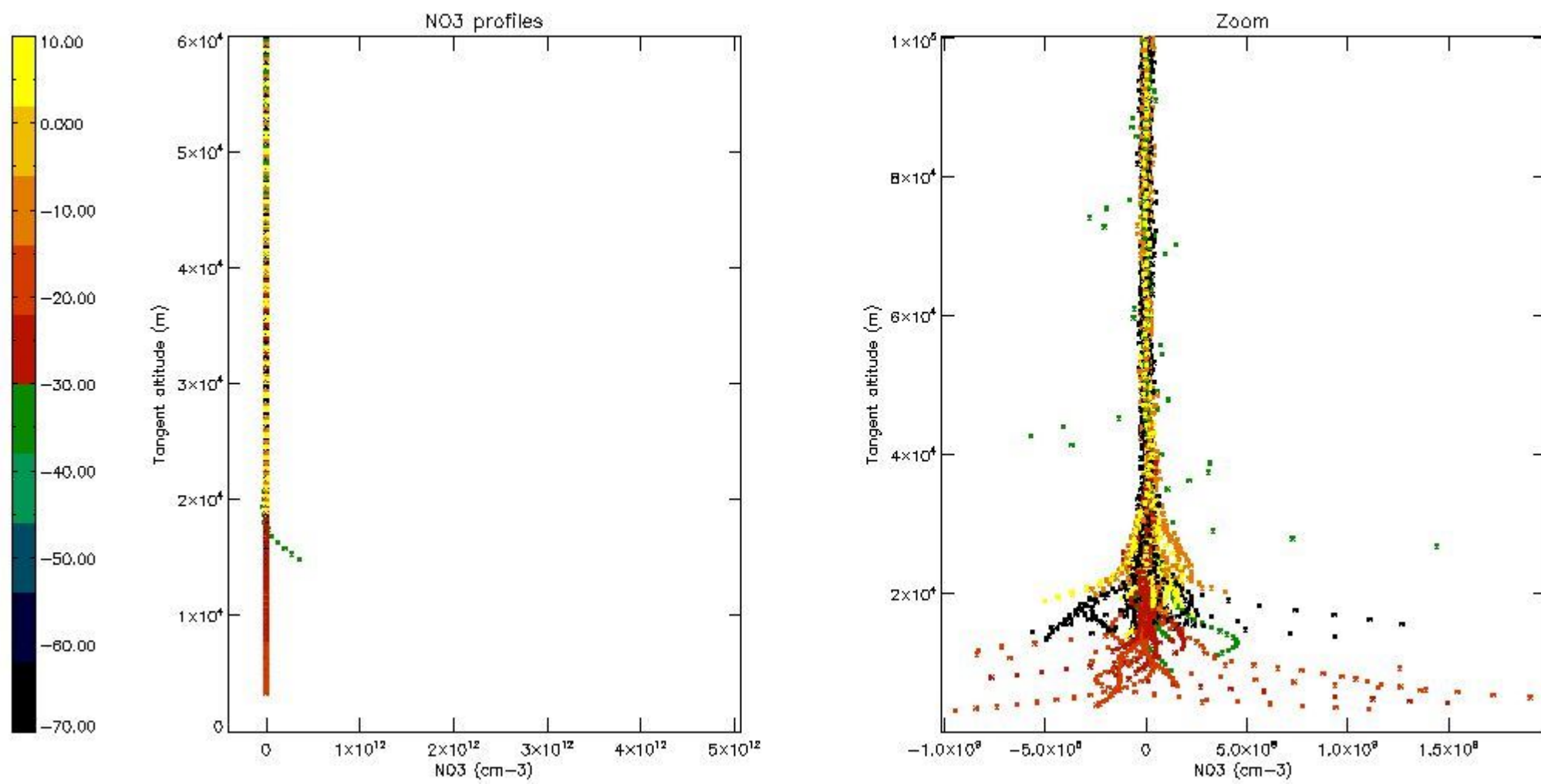
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



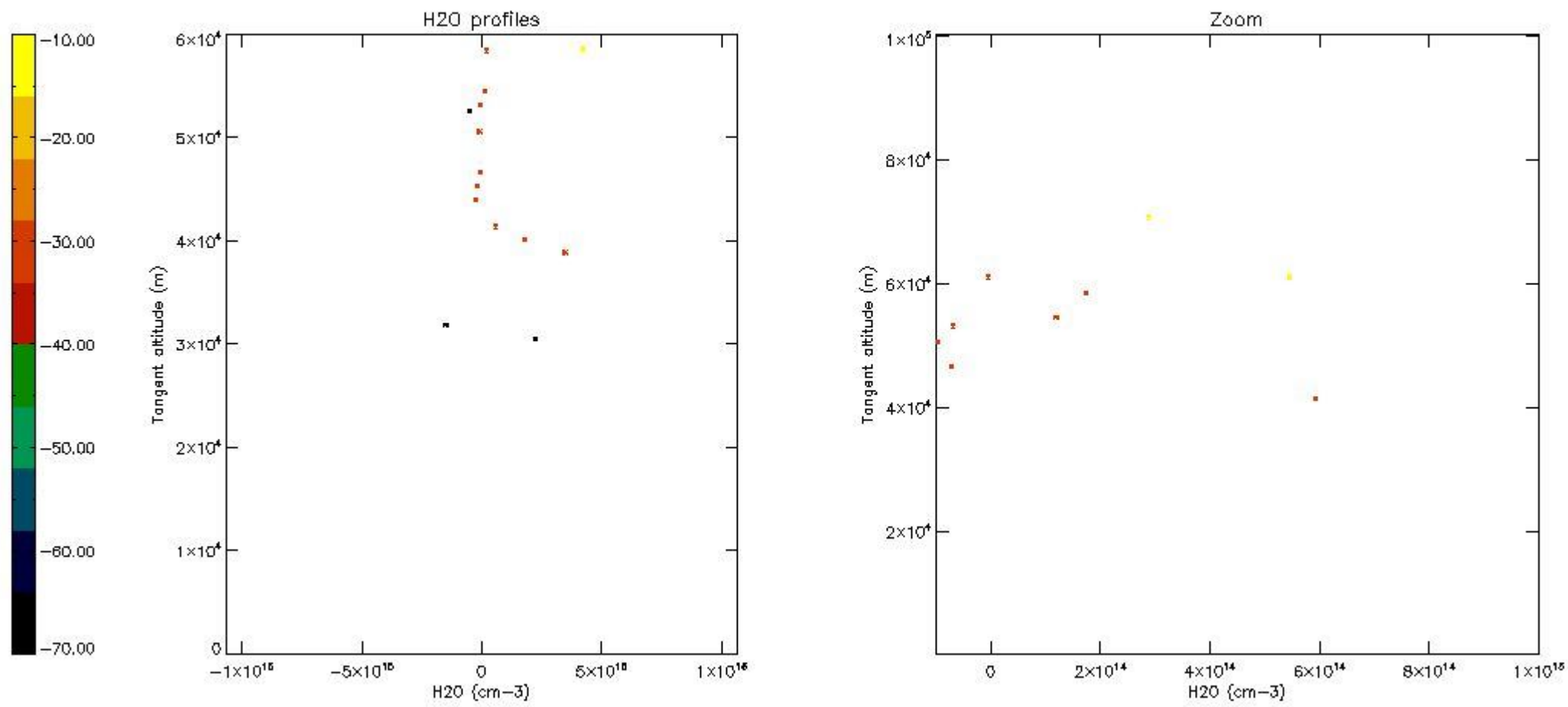
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	23-MAY-2010 00:02:11
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-MAY-2010 00:02:11
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-MAY-2010 00:02:11

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	29APR2013 11:05:10
Data source version	GOMOS/6.01
Start time of products	23-05-2010 (23MAY2010 00:00:00)
Stop time of products	24-05-2010 (24MAY2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	291
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__2PRFIN20100523_000211_000000372089_00374_43013_1064.N1	23-MAY-2010 00:02:11	Bright	37.000	83		2.3780	11000.	74	43013	No
2	GOM_NL__2PRFIN20100523_000521_000000372089_00374_43013_1065.N1	23-MAY-2010 00:05:21	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	43013	No
3	GOM_NL__2PRFIN20100523_001330_000000432089_00374_43013_1066.N1	23-MAY-2010 00:13:30	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	43013	No
4	GOM_NL__2PRFIN20100523_001534_000000392089_00374_43013_1067.N1	23-MAY-2010 00:15:34	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	43013	No
5	GOM_NL__2PRFIN20100523_002818_000000382089_00374_43013_1068.N1	23-MAY-2010 00:28:18	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	43013	No
6	GOM_NL__2PRFIN20100523_002930_000000552089_00374_43013_1069.N1	23-MAY-2010 00:29:30	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43013	No
7	GOM_NL__2PRFIN20100523_003811_000000512089_00374_43013_1070.N1	23-MAY-2010 00:38:11	Twilight	51.000	58	21Alp And	2.0730	11000.	102	43013	No
8	GOM_NL__2PRFIN20100523_004236_000000472089_00374_43013_1071.N1	23-MAY-2010 00:42:36	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	43013	No
9	GOM_NL__2PRFIN20100523_005848_000000512089_00374_43013_1072.N1	23-MAY-2010 00:58:48	Dark	51.000	18	24Alp PsA	1.1660	9700.0	102	43013	No
10	GOM_NL__2PRFIN20100523_010249_000000492089_00374_43013_1073.N1	23-MAY-2010 01:02:49	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	43013	No
11	GOM_NL__2PRFIN20100523_010417_000000492089_00375_43014_1061.N1	23-MAY-2010 01:04:17	Dark	48.500	172	Gam Gru	3.0030	13100.	97	43014	No
12	GOM_NL__2PRFIN20100523_010952_000000452089_00375_43014_1062.N1	23-MAY-2010 01:09:52	Dark	44.500	45	Alp Pav	1.9400	26000.	89	43014	No
13	GOM_NL__2PRFIN20100523_011642_000000432089_00375_43014_1063.N1	23-MAY-2010 01:16:42	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	43014	No
14	GOM_NL__2PRFIN20100523_011927_000000472089_00375_43014_1064.N1	23-MAY-2010 01:19:27	Straylight	46.500	40	The Sco	1.8590	7100.0	93	43014	No
15	GOM_NL__2PRFIN20100523_012118_000000492089_00375_43014_1065.N1	23-MAY-2010 01:21:18	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	43014	No
16	GOM_NL__2PRFIN20100523_012322_000000502089_00375_43014_1066.N1	23-MAY-2010 01:23:22	Twilight	49.500	75	26Eps Sco	2.2910	4250.0	99	43014	No
17	GOM_NL__2PRFIN20100523_012615_000000532089_00375_43014_1067.N1	23-MAY-2010 01:26:15	Bright	52.500	16	21Alp Sco	1.0200	3000.0	105	43014	No
18	GOM_NL__2PRFIN20100523_012839_000000442089_00375_43014_1068.N1	23-MAY-2010 01:28:39	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	43014	No
19	GOM_NL__2PRFIN20100523_013358_000000452089_00375_43014_1069.N1	23-MAY-2010 01:33:58	Bright	44.500	120	1Del Oph	2.7340	3200.0	89	43014	No
20	GOM_NL__2PRFIN20100523_013703_000000402089_00375_43014_1070.N1	23-MAY-2010 01:37:03	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	43014	No
21	GOM_NL__2PRFIN20100523_014247_000000382089_00375_43014_1071.N1	23-MAY-2010 01:42:47	Bright	38.000	83		2.3780	11000.	76	43014	No
22	GOM_NL__2PRFIN20100523_014557_000000382089_00375_43014_1072.N1	23-MAY-2010 01:45:57	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	43014	No
23	GOM_NL__2PRFIN20100523_015406_000000412089_00375_43014_1073.N1	23-MAY-2010 01:54:06	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	43014	No
24	GOM_NL__2PRFIN20100523_015609_000000402089_00375_43014_1074.N1	23-MAY-2010 01:56:09	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	43014	No
25	GOM_NL__2PRFIN20100523_020854_000000542089_00375_43014_1075.N1	23-MAY-2010 02:08:54	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43014	No
26	GOM_NL__2PRFIN20100523_021006_000000552089_00375_43014_1076.N1	23-MAY-2010 02:10:06	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43014	No
27	GOM_NL__2PRFIN20100523_021848_000000502089_00375_43014_1077.N1	23-MAY-2010 02:18:48	Twilight	50.000	58	21Alp And	2.0730	11000.	100	43014	No
28	GOM_NL__2PRFIN20100523_022313_000000472089_00375_43014_1078.N1	23-MAY-2010 02:23:13	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	43014	No
29	GOM_NL__2PRFIN20100523_023924_000000582089_00375_43014_1079.N1	23-MAY-2010 02:39:24	Dark	57.500	18	24Alp PsA	1.1660	9700.0	115	43014	No
30	GOM_NL__2PRFIN20100523_024325_000000452089_00375_43014_1080.N1	23-MAY-2010 02:43:25	Dark	45.000	63	Bet Gru	2.1500	2800.0	90	43014	No
31	GOM_NL__2PRFIN20100523_024454_000000492089_00376_43015_1069.N1	23-MAY-2010 02:44:54	Dark	49.000	172	Gam Gru	3.0030	13100.	98	43015	No
32	GOM_NL__2PRFIN20100523_025029_000000432089_00376_43015_1070.N1	23-MAY-2010 02:50:29	Dark	42.500	45	Alp Pav	1.9400	26000.	85	43015	No
33	GOM_NL__2PRFIN20100523_025718_000000452089_00376_43015_1071.N1	23-MAY-2010 02:57:18	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	43015	No
34	GOM_NL__2PRFIN20100523_030004_000000492089_00376_43015_1072.N1	23-MAY-2010 03:00:04	Straylight	49.000	40	The Sco	1.8590	7100.0	98	43015	No
35	GOM_NL__2PRFIN20100523_030155_000000502089_00376_43015_1073.N1	23-MAY-2010 03:01:55	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	43015	No
36	GOM_NL__2PRFIN20100523_030358_000000492089_00376_43015_1074.N1	23-MAY-2010 03:03:58	Twilight	49.000	75	26Eps Sco	2.2910	4250.0	98	43015	No
37	GOM_NL__2PRFIN20100523_030651_000000612089_00376_43015_1075.N1	23-MAY-2010 03:06:51	Bright	61.000	16	21Alp Sco	1.0200	3000.0	122	43015	No
38	GOM_NL__2PRFIN20100523_030916_000000422089_00376_43015_1076.N1	23-MAY-2010 03:09:16	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	43015	No
39	GOM_NL__2PRFIN20100523_031434_000000452089_00376_43015_1077.N1	23-MAY-2010 03:14:34	Bright	44.500	120	1Del Oph	2.7340	3200.0	89	43015	No
40	GOM_NL__2PRFIN20100523_031739_000000402089_00376_43015_1078.N1	23-MAY-2010 03:17:39	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	43015	No
41	GOM_NL__2PRFIN20100523_032323_000000392089_00376_43015_1079.N1	23-MAY-2010 03:23:23	Bright	38.500	83		2.3780	11000.	77	43015	No
42	GOM_NL__2PRFIN20100523_032633_000000262089_00376_43015_1080.N1	23-MAY-2010 03:26:33	Bright	26.000	180	27Gam Boo	3.0400	8000.0	52	43015	No

43	GOM_NL__2PRFIN20100523_033441_000000392089_00376_43015_1081.N1	23-MAY-2010 03:34:41	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	43015	No
44	GOM_NL__2PRFIN20100523_033645_000000362089_00376_43015_1082.N1	23-MAY-2010 03:36:45	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	43015	No
45	GOM_NL__2PRFIN20100523_034929_000000362089_00376_43015_1083.N1	23-MAY-2010 03:49:29	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	43015	No
46	GOM_NL__2PRFIN20100523_035041_000000372089_00376_43015_1084.N1	23-MAY-2010 03:50:41	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	43015	No
47	GOM_NL__2PRFIN20100523_035924_000000492089_00376_43015_1085.N1	23-MAY-2010 03:59:24	Tw_i_and_stray	48.500	58	21Alp And	2.0730	11000.	97	43015	No
48	GOM_NL__2PRFIN20100523_040349_000000452089_00376_43015_1086.N1	23-MAY-2010 04:03:49	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	43015	No
49	GOM_NL__2PRFIN20100523_042001_000000552089_00376_43015_1087.N1	23-MAY-2010 04:20:01	Dark	55.000	18	24Alp PsA	1.1660	9700.0	110	43015	No
50	GOM_NL__2PRFIN20100523_042402_000000482089_00376_43015_1088.N1	23-MAY-2010 04:24:02	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	43015	No
51	GOM_NL__2PRFIN20100523_042531_000000492089_00377_43016_1127.N1	23-MAY-2010 04:25:31	Dark	49.000	172	Gam Gru	3.0030	13100.	98	43016	No
52	GOM_NL__2PRFIN20100523_043106_000000422089_00377_43016_1128.N1	23-MAY-2010 04:31:06	Dark	42.000	45	Alp Pav	1.9400	26000.	84	43016	No
53	GOM_NL__2PRFIN20100523_043755_000000482089_00377_43016_1129.N1	23-MAY-2010 04:37:55	Straylight	48.000	141	Bet Ara	2.8400	4600.0	96	43016	No
54	GOM_NL__2PRFIN20100523_044041_000000482089_00377_43016_1130.N1	23-MAY-2010 04:40:41	Straylight	47.500	40	The Sco	1.8590	7100.0	95	43016	No
55	GOM_NL__2PRFIN20100523_044231_000000502089_00377_43016_1131.N1	23-MAY-2010 04:42:31	Straylight	49.500	25	35Lam Sco	1.6200	28000.	99	43016	No
56	GOM_NL__2PRFIN20100523_044435_000000492089_00377_43016_1132.N1	23-MAY-2010 04:44:35	Tw_i_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	43016	No
57	GOM_NL__2PRFIN20100523_044728_000000602089_00377_43016_1133.N1	23-MAY-2010 04:47:28	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43016	No
58	GOM_NL__2PRFIN20100523_044952_000000472089_00377_43016_1134.N1	23-MAY-2010 04:49:52	Bright	46.500	97	8Bet1Sco	2.5610	30000.	93	43016	No
59	GOM_NL__2PRFIN20100523_045509_000000452089_00377_43016_1135.N1	23-MAY-2010 04:55:09	Bright	44.500	120	1Del Oph	2.7340	3200.0	89	43016	No
60	GOM_NL__2PRFIN20100523_045814_000000412089_00377_43016_1136.N1	23-MAY-2010 04:58:14	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	43016	No
61	GOM_NL__2PRFIN20100523_050359_000000392089_00377_43016_1137.N1	23-MAY-2010 05:03:59	Bright	39.000	83		2.3780	11000.	78	43016	No
62	GOM_NL__2PRFIN20100523_050709_000000502089_00377_43016_1138.N1	23-MAY-2010 05:07:09	Bright	49.500	180	27Gam Boo	3.0400	8000.0	99	43016	No
63	GOM_NL__2PRFIN20100523_051517_000000432089_00377_43016_1139.N1	23-MAY-2010 05:15:17	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	43016	No
64	GOM_NL__2PRFIN20100523_051721_000000382089_00377_43016_1140.N1	23-MAY-2010 05:17:21	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	43016	No
65	GOM_NL__2PRFIN20100523_053005_000000412089_00377_43016_1141.N1	23-MAY-2010 05:30:05	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	43016	No
66	GOM_NL__2PRFIN20100523_053118_000000392089_00377_43016_1142.N1	23-MAY-2010 05:31:18	Bright	39.000	68	18Alp Cas	2.2250	4500.0	78	43016	No
67	GOM_NL__2PRFIN20100523_054000_000000462089_00377_43016_1143.N1	23-MAY-2010 05:40:00	Tw_i_and_stray	45.500	58	21Alp And	2.0730	11000.	91	43016	No
68	GOM_NL__2PRFIN20100523_054425_000000462089_00377_43016_1144.N1	23-MAY-2010 05:44:25	Dark	46.000	140	88Gam Peg	2.8340	26000.	92	43016	No
69	GOM_NL__2PRFIN20100523_060038_000000522089_00377_43016_1145.N1	23-MAY-2010 06:00:38	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	43016	No
70	GOM_NL__2PRFIN20100523_060439_000000592089_00377_43016_1146.N1	23-MAY-2010 06:04:39	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	43016	No
71	GOM_NL__2PRFIN20100523_060608_000000502089_00378_43017_1137.N1	23-MAY-2010 06:06:08	Dark	49.500	172	Gam Gru	3.0030	13100.	99	43017	No
72	GOM_NL__2PRFIN20100523_061143_000000412089_00378_43017_1138.N1	23-MAY-2010 06:11:43	Dark	40.500	45	Alp Pav	1.9400	26000.	81	43017	No
73	GOM_NL__2PRFIN20100523_061831_000000492089_00378_43017_1139.N1	23-MAY-2010 06:18:31	Straylight	48.500	141	Bet Ara	2.8400	4600.0	97	43017	No
74	GOM_NL__2PRFIN20100523_062117_000000502089_00378_43017_1140.N1	23-MAY-2010 06:21:17	Straylight	50.000	40	The Sco	1.8590	7100.0	100	43017	No
75	GOM_NL__2PRFIN20100523_062308_000000502089_00378_43017_1141.N1	23-MAY-2010 06:23:08	Straylight	49.500	25	35Lam Sco	1.6200	28000.	99	43017	No
76	GOM_NL__2PRFIN20100523_062511_000000512089_00378_43017_1142.N1	23-MAY-2010 06:25:11	Tw_i_and_stray	51.000	75	26Eps Sco	2.2910	4250.0	102	43017	No
77	GOM_NL__2PRFIN20100523_062804_000000602089_00378_43017_1143.N1	23-MAY-2010 06:28:04	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43017	No
78	GOM_NL__2PRFIN20100523_063028_000000422089_00378_43017_1144.N1	23-MAY-2010 06:30:28	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	43017	No
79	GOM_NL__2PRFIN20100523_063358_000000382089_00378_43017_1145.N1	23-MAY-2010 06:33:58	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	43017	No
80	GOM_NL__2PRFIN20100523_063545_000000442089_00378_43017_1146.N1	23-MAY-2010 06:35:45	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43017	No
81	GOM_NL__2PRFIN20100523_063850_000000402089_00378_43017_1147.N1	23-MAY-2010 06:38:50	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	43017	No
82	GOM_NL__2PRFIN20100523_064435_000000392089_00378_43017_1148.N1	23-MAY-2010 06:44:35	Bright	39.000	83		2.3780	11000.	78	43017	No
83	GOM_NL__2PRFIN20100523_064745_000000362089_00378_43017_1149.N1	23-MAY-2010 06:47:45	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	43017	No
84	GOM_NL__2PRFIN20100523_065553_000000422089_00378_43017_1150.N1	23-MAY-2010 06:55:53	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	43017	No
85	GOM_NL__2PRFIN20100523_065757_000000382089_00378_43017_1151.N1	23-MAY-2010 06:57:57	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	43017	No
86	GOM_NL__2PRFIN20100523_071041_000000542089_00378_43017_1152.N1	23-MAY-2010 07:10:41	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43017	No
87	GOM_NL__2PRFIN20100523_071154_000000362089_00378_43017_1153.N1	23-MAY-2010 07:11:54	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	43017	No
88	GOM_NL__2PRFIN20100523_072036_000000482089_00378_43017_1154.N1	23-MAY-2010 07:20:36	Tw_i_and_stray	48.000	58	21Alp And	2.0730	11000.	96	43017	No
89	GOM_NL__2PRFIN20100523_072502_000000462089_00378_43017_1155.N1	23-MAY-2010 07:25:02	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	43017	No
90	GOM_NL__2PRFIN20100523_074115_000000512089_00378_43017_1156.N1	23-MAY-2010 07:41:15	Dark	51.000	18	24Alp PsA	1.1660	9700.0	102	43017	No
91	GOM_NL__2PRFIN20100523_074515_000000592089_00378_43017_1157.N1	23-MAY-2010 07:45:15	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	43017	No
92	GOM_NL__2PRFIN20100523_074646_000000492089_00379_43018_1145.N1	23-MAY-2010 07:46:46	Dark	48.500	172	Gam Gru	3.0030	13100.	97	43018	No
93	GOM_NL__2PRFIN20100523_075219_000000432089_00379_43018_1146.N1	23-MAY-2010 07:52:19	Dark	43.000	45	Alp Pav	1.9400	26000.	86	43018	No
94	GOM_NL__2PRFIN20100523_075908_000000492089_00379_43018_1147.N1	23-MAY-2010 07:59:08	Straylight	48.500	141	Bet Ara	2.8400	4600.0	97	43018	No
95	GOM_NL__2PRFIN20100523_080154_000000482089_00379_43018_1148.N1	23-MAY-2010 08:01:54	Straylight	47.500	40	The Sco	1.8590	7100.0	95	43018	No
96	GOM_NL__2PRFIN20100523_080344_000000502089_00379_43018_1149.N1	23-MAY-2010 08:03:44	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	43018	No
97	GOM_NL__2PRFIN20100523_080548_000000472089_00379_43018_1150.N1	23-MAY-2010 08:05:48	Tw_i_and_stray	46.500	75	26Eps Sco	2.2910	4250.0	93	43018	No
98	GOM_NL__2PRFIN20100523_080840_000000542089_00379_43018_1151.N1	23-MAY-2010 08:08:40	Bright	54.000	16	21Alp Sco	1.0200	3000.0	108	43018	No
99	GOM_NL__2PRFIN20100523_081104_000000422089_00379_43018_1152.N1	23-MAY-2010 08:11:04	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	43018	No
100	GOM_NL__2PRFIN20100523_081434_000000392089_00379_43018_1153.N1	23-MAY-2010 08:14:34	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	43018	No
101	GOM_NL__2PRFIN20100523_081622_000000432089_00379_43018_1154.N1	23-MAY-2010 08:16:22	Bright	43.000	120	1Del Oph	2.7340	3200.0	86	43018	No

102	GOM_NL__2PRFIN20100523_081926_000000412089_00379_43018_1155.N1	23-MAY-2010 08:19:26	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	43018	No
103	GOM_NL__2PRFIN20100523_082511_000000362089_00379_43018_1156.N1	23-MAY-2010 08:25:11	Bright	36.000	83		2.3780	11000.	72	43018	No
104	GOM_NL__2PRFIN20100523_082820_000000512089_00379_43018_1157.N1	23-MAY-2010 08:28:20	Bright	51.000	180	27Gam Boo	3.0400	8000.0	102	43018	No
105	GOM_NL__2PRFIN20100523_083628_000000402089_00379_43018_1158.N1	23-MAY-2010 08:36:28	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	43018	No
106	GOM_NL__2PRFIN20100523_083833_000000362089_00379_43018_1159.N1	23-MAY-2010 08:38:33	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	43018	No
107	GOM_NL__2PRFIN20100523_085117_000000382089_00379_43018_1160.N1	23-MAY-2010 08:51:17	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	43018	No
108	GOM_NL__2PRFIN20100523_085229_000000402089_00379_43018_1161.N1	23-MAY-2010 08:52:29	Bright	39.500	68	18Alp Cas	2.2250	4500.0	79	43018	No
109	GOM_NL__2PRFIN20100523_090112_000000502089_00379_43018_1162.N1	23-MAY-2010 09:01:12	Twilight	50.000	58	21Alp And	2.0730	11000.	100	43018	No
110	GOM_NL__2PRFIN20100523_090538_000000472089_00379_43018_1163.N1	23-MAY-2010 09:05:38	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	43018	No
111	GOM_NL__2PRFIN20100523_092152_000000532089_00379_43018_1164.N1	23-MAY-2010 09:21:52	Dark	52.500	18	24Alp PsA	1.1660	9700.0	105	43018	No
112	GOM_NL__2PRFIN20100523_092552_000000552089_00379_43018_1165.N1	23-MAY-2010 09:25:52	Dark	54.500	63	Bet Gru	2.1500	2800.0	109	43018	No
113	GOM_NL__2PRFIN20100523_092722_000000482089_00380_43019_1153.N1	23-MAY-2010 09:27:22	Dark	48.000	172	Gam Gru	3.0030	13100.	96	43019	No
114	GOM_NL__2PRFIN20100523_093256_000000452089_00380_43019_1154.N1	23-MAY-2010 09:32:56	Dark	44.500	45	Alp Pav	1.9400	26000.	89	43019	No
115	GOM_NL__2PRFIN20100523_093944_000000492089_00380_43019_1155.N1	23-MAY-2010 09:39:44	Straylight	49.000	141	Bet Ara	2.8400	4600.0	98	43019	No
116	GOM_NL__2PRFIN20100523_094230_000000492089_00380_43019_1156.N1	23-MAY-2010 09:42:30	Straylight	49.000	40	The Sco	1.8590	7100.0	98	43019	No
117	GOM_NL__2PRFIN20100523_094421_000000532089_00380_43019_1157.N1	23-MAY-2010 09:44:21	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	43019	No
118	GOM_NL__2PRFIN20100523_094624_000000502089_00380_43019_1158.N1	23-MAY-2010 09:46:24	Twilight	49.500	75	26Eps Sco	2.2910	4250.0	99	43019	No
119	GOM_NL__2PRFIN20100523_094916_000000602089_00380_43019_1159.N1	23-MAY-2010 09:49:16	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43019	No
120	GOM_NL__2PRFIN20100523_095140_000000412089_00380_43019_1160.N1	23-MAY-2010 09:51:40	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	43019	No
121	GOM_NL__2PRFIN20100523_095510_000000382089_00380_43019_1161.N1	23-MAY-2010 09:55:10	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	43019	No
122	GOM_NL__2PRFIN20100523_095657_000000442089_00380_43019_1162.N1	23-MAY-2010 09:56:57	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43019	No
123	GOM_NL__2PRFIN20100523_100002_000000412089_00380_43019_1163.N1	23-MAY-2010 10:00:02	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	43019	No
124	GOM_NL__2PRFIN20100523_100546_000000372089_00380_43019_1164.N1	23-MAY-2010 10:05:46	Bright	37.000	83		2.3780	11000.	74	43019	No
125	GOM_NL__2PRFIN20100523_100856_000000362089_00380_43019_1165.N1	23-MAY-2010 10:08:56	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	43019	No
126	GOM_NL__2PRFIN20100523_101704_000000392089_00380_43019_1166.N1	23-MAY-2010 10:17:04	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	43019	No
127	GOM_NL__2PRFIN20100523_101909_000000342089_00380_43019_1167.N1	23-MAY-2010 10:19:09	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	43019	No
128	GOM_NL__2PRFIN20100523_103153_000000512089_00380_43019_1168.N1	23-MAY-2010 10:31:53	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	43019	No
129	GOM_NL__2PRFIN20100523_103305_000000382089_00380_43019_1169.N1	23-MAY-2010 10:33:05	Bright	38.000	68	18Alp Cas	2.2250	4500.0	76	43019	No
130	GOM_NL__2PRFIN20100523_104148_000000492089_00380_43019_1170.N1	23-MAY-2010 10:41:48	Twilight	49.000	58	21Alp And	2.0730	11000.	98	43019	No
131	GOM_NL__2PRFIN20100523_104614_000000452089_00380_43019_1171.N1	23-MAY-2010 10:46:14	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	43019	No
132	GOM_NL__2PRFIN20100523_110229_000000522089_00380_43019_1172.N1	23-MAY-2010 11:02:29	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	43019	No
133	GOM_NL__2PRFIN20100523_110629_000000462089_00380_43019_1173.N1	23-MAY-2010 11:06:29	Dark	45.500	63	Bet Gru	2.1500	2800.0	91	43019	No
134	GOM_NL__2PRFIN20100523_110800_000000492089_00381_43020_1161.N1	23-MAY-2010 11:08:00	Dark	48.500	172	Gam Gru	3.0030	13100.	97	43020	No
135	GOM_NL__2PRFIN20100523_111333_000000412089_00381_43020_1162.N1	23-MAY-2010 11:13:33	Dark	41.000	45	Alp Pav	1.9400	26000.	82	43020	No
136	GOM_NL__2PRFIN20100523_112020_000000452089_00381_43020_1163.N1	23-MAY-2010 11:20:20	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	43020	No
137	GOM_NL__2PRFIN20100523_112306_000000502089_00381_43020_1164.N1	23-MAY-2010 11:23:06	Straylight	50.000	40	The Sco	1.8590	7100.0	100	43020	No
138	GOM_NL__2PRFIN20100523_112457_000000532089_00381_43020_1165.N1	23-MAY-2010 11:24:57	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	43020	No
139	GOM_NL__2PRFIN20100523_112700_000000522089_00381_43020_1166.N1	23-MAY-2010 11:27:00	Twilight	51.500	75	26Eps Sco	2.2910	4250.0	103	43020	No
140	GOM_NL__2PRFIN20100523_112952_000000522089_00381_43020_1167.N1	23-MAY-2010 11:29:52	Bright	52.000	16	21Alp Sco	1.0200	3000.0	104	43020	No
141	GOM_NL__2PRFIN20100523_113216_000000442089_00381_43020_1168.N1	23-MAY-2010 11:32:16	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	43020	No
142	GOM_NL__2PRFIN20100523_113546_000000392089_00381_43020_1169.N1	23-MAY-2010 11:35:46	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	43020	No
143	GOM_NL__2PRFIN20100523_113733_000000442089_00381_43020_1170.N1	23-MAY-2010 11:37:33	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43020	No
144	GOM_NL__2PRFIN20100523_114037_000000392089_00381_43020_1171.N1	23-MAY-2010 11:40:37	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	43020	No
145	GOM_NL__2PRFIN20100523_114622_000000392089_00381_43020_1172.N1	23-MAY-2010 11:46:22	Bright	39.000	83		2.3780	11000.	78	43020	No
146	GOM_NL__2PRFIN20100523_114932_000000382089_00381_43020_1173.N1	23-MAY-2010 11:49:32	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	43020	No
147	GOM_NL__2PRFIN20100523_115739_000000422089_00381_43020_1174.N1	23-MAY-2010 11:57:39	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	43020	No
148	GOM_NL__2PRFIN20100523_115945_000000372089_00381_43020_1175.N1	23-MAY-2010 11:59:45	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	43020	No
149	GOM_NL__2PRFIN20100523_121229_000000542089_00381_43020_1176.N1	23-MAY-2010 12:12:29	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43020	No
150	GOM_NL__2PRFIN20100523_121341_000000552089_00381_43020_1177.N1	23-MAY-2010 12:13:41	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43020	No
151	GOM_NL__2PRFIN20100523_122224_000000512089_00381_43020_1178.N1	23-MAY-2010 12:22:24	Twilight	50.500	58	21Alp And	2.0730	11000.	101	43020	No
152	GOM_NL__2PRFIN20100523_122650_000000462089_00381_43020_1179.N1	23-MAY-2010 12:26:50	Dark	46.000	140	88Gam Peg	2.8340	26000.	92	43020	No
153	GOM_NL__2PRFIN20100523_124306_000000542089_00381_43020_1180.N1	23-MAY-2010 12:43:06	Dark	54.000	18	24Alp PsA	1.1660	9700.0	108	43020	No
154	GOM_NL__2PRFIN20100523_124705_000000582089_00381_43020_1181.N1	23-MAY-2010 12:47:05	Dark	57.500	63	Bet Gru	2.1500	2800.0	115	43020	No
155	GOM_NL__2PRFIN20100523_124837_000000482089_00382_43021_1169.N1	23-MAY-2010 12:48:37	Dark	47.500	172	Gam Gru	3.0030	13100.	95	43021	No
156	GOM_NL__2PRFIN20100523_125409_000000472089_00382_43021_1170.N1	23-MAY-2010 12:54:09	Dark	46.500	45	Alp Pav	1.9400	26000.	93	43021	No
157	GOM_NL__2PRFIN20100523_130057_000000442089_00382_43021_1171.N1	23-MAY-2010 13:00:57	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	43021	No
158	GOM_NL__2PRFIN20100523_130343_000000502089_00382_43021_1172.N1	23-MAY-2010 13:03:43	Straylight	49.500	40	The Sco	1.8590	7100.0	99	43021	No
159	GOM_NL__2PRFIN20100523_130533_000000492089_00382_43021_1173.N1	23-MAY-2010 13:05:33	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	43021	No
160	GOM_NL__2PRFIN20100523_130736_000000502089_00382_43021_1174.N1	23-MAY-2010 13:07:36	Twilight	50.000	75	26Eps Sco	2.2910	4250.0	100	43021	No

161	GOM_NL__2PRFIN20100523_131028_000000602089_00382_43021_1175.N1	23-MAY-2010 13:10:28	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43021	No
162	GOM_NL__2PRFIN20100523_131253_000000452089_00382_43021_1176.N1	23-MAY-2010 13:12:53	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	43021	No
163	GOM_NL__2PRFIN20100523_131622_000000372089_00382_43021_1177.N1	23-MAY-2010 13:16:22	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	43021	No
164	GOM_NL__2PRFIN20100523_131809_000000442089_00382_43021_1178.N1	23-MAY-2010 13:18:09	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43021	No
165	GOM_NL__2PRFIN20100523_132113_000000392089_00382_43021_1179.N1	23-MAY-2010 13:21:13	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	43021	No
166	GOM_NL__2PRFIN20100523_132658_000000362089_00382_43021_1180.N1	23-MAY-2010 13:26:58	Bright	35.500	83		2.3780	11000.	71	43021	No
167	GOM_NL__2PRFIN20100523_133008_000000392089_00382_43021_1181.N1	23-MAY-2010 13:30:08	Bright	38.500	180	27Gam Boo	3.0400	8000.0	77	43021	No
168	GOM_NL__2PRFIN20100523_133815_000000412089_00382_43021_1182.N1	23-MAY-2010 13:38:15	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	43021	No
169	GOM_NL__2PRFIN20100523_134020_000000392089_00382_43021_1183.N1	23-MAY-2010 13:40:20	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	43021	No
170	GOM_NL__2PRFIN20100523_135305_000000522089_00382_43021_1184.N1	23-MAY-2010 13:53:05	Bright	52.000	76	27Gam Cas	2.3000	30000.	104	43021	No
171	GOM_NL__2PRFIN20100523_135417_000000552089_00382_43021_1185.N1	23-MAY-2010 13:54:17	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43021	No
172	GOM_NL__2PRFIN20100523_140300_000000492089_00382_43021_1186.N1	23-MAY-2010 14:03:00	Tw_i_and_stray	48.500	58	21Alp And	2.0730	11000.	97	43021	No
173	GOM_NL__2PRFIN20100523_140727_000000462089_00382_43021_1187.N1	23-MAY-2010 14:07:27	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	43021	No
174	GOM_NL__2PRFIN20100523_142343_000000582089_00382_43021_1188.N1	23-MAY-2010 14:23:43	Dark	58.000	18	24Alp PsA	1.1660	9700.0	116	43021	No
175	GOM_NL__2PRFIN20100523_142742_000000572089_00382_43021_1189.N1	23-MAY-2010 14:27:42	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	43021	No
176	GOM_NL__2PRFIN20100523_142914_000000492089_00383_43022_1177.N1	23-MAY-2010 14:29:14	Dark	48.500	172	Gam Gru	3.0030	13100.	97	43022	No
177	GOM_NL__2PRFIN20100523_143446_000000422089_00383_43022_1178.N1	23-MAY-2010 14:34:46	Dark	42.000	45	Alp Pav	1.9400	26000.	84	43022	No
178	GOM_NL__2PRFIN20100523_144133_000000472089_00383_43022_1179.N1	23-MAY-2010 14:41:33	Straylight	47.000	141	Bet Ara	2.8400	4600.0	94	43022	No
179	GOM_NL__2PRFIN20100523_144420_000000502089_00383_43022_1180.N1	23-MAY-2010 14:44:20	Straylight	50.000	40	The Sco	1.8590	7100.0	100	43022	No
180	GOM_NL__2PRFIN20100523_144610_000000512089_00383_43022_1181.N1	23-MAY-2010 14:46:10	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	43022	No
181	GOM_NL__2PRFIN20100523_144813_000000492089_00383_43022_1182.N1	23-MAY-2010 14:48:13	Tw_i_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	43022	No
182	GOM_NL__2PRFIN20100523_145104_000000602089_00383_43022_1183.N1	23-MAY-2010 14:51:04	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43022	No
183	GOM_NL__2PRFIN20100523_145329_000000412089_00383_43022_1184.N1	23-MAY-2010 14:53:29	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	43022	No
184	GOM_NL__2PRFIN20100523_145658_000000362089_00383_43022_1185.N1	23-MAY-2010 14:56:58	Bright	36.000	104	27Bet Lib	2.6140	13100.	72	43022	No
185	GOM_NL__2PRFIN20100523_145844_000000442089_00383_43022_1186.N1	23-MAY-2010 14:58:44	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43022	No
186	GOM_NL__2PRFIN20100523_150149_000000402089_00383_43022_1187.N1	23-MAY-2010 15:01:49	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	43022	No
187	GOM_NL__2PRFIN20100523_150734_000000372089_00383_43022_1188.N1	23-MAY-2010 15:07:34	Bright	36.500	83		2.3780	11000.	73	43022	No
188	GOM_NL__2PRFIN20100523_151850_000000432089_00383_43022_1189.N1	23-MAY-2010 15:18:50	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	43022	No
189	GOM_NL__2PRFIN20100523_152056_000000352089_00383_43022_1190.N1	23-MAY-2010 15:20:56	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	43022	No
190	GOM_NL__2PRFIN20100523_153341_000000542089_00383_43022_1191.N1	23-MAY-2010 15:33:41	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43022	No
191	GOM_NL__2PRFIN20100523_153453_000000552089_00383_43022_1192.N1	23-MAY-2010 15:34:53	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43022	No
192	GOM_NL__2PRFIN20100523_154104_000000392089_00383_43022_1193.N1	23-MAY-2010 15:41:04	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43022	No
193	GOM_NL__2PRFIN20100523_154336_000000482089_00383_43022_1194.N1	23-MAY-2010 15:43:36	Tw_i_and_stray	47.500	58	21Alp And	2.0730	11000.	95	43022	No
194	GOM_NL__2PRFIN20100523_154803_000000462089_00383_43022_1195.N1	23-MAY-2010 15:48:03	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	43022	No
195	GOM_NL__2PRFIN20100523_160420_000000642089_00383_43022_1196.N1	23-MAY-2010 16:04:20	Dark	64.000	18	24Alp PsA	1.1660	9700.0	128	43022	No
196	GOM_NL__2PRFIN20100523_160819_000000592089_00383_43022_1197.N1	23-MAY-2010 16:08:19	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	43022	No
197	GOM_NL__2PRFIN20100523_160951_000000502089_00384_43023_1185.N1	23-MAY-2010 16:09:51	Dark	49.500	172	Gam Gru	3.0030	13100.	99	43023	No
198	GOM_NL__2PRFIN20100523_161522_000000422089_00384_43023_1186.N1	23-MAY-2010 16:15:22	Dark	41.500	45	Alp Pav	1.9400	26000.	83	43023	No
199	GOM_NL__2PRFIN20100523_162209_000000402089_00384_43023_1187.N1	23-MAY-2010 16:22:09	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	43023	No
200	GOM_NL__2PRFIN20100523_162456_000000492089_00384_43023_1188.N1	23-MAY-2010 16:24:56	Straylight	49.000	40	The Sco	1.8590	7100.0	98	43023	No
201	GOM_NL__2PRFIN20100523_162646_000000502089_00384_43023_1189.N1	23-MAY-2010 16:26:46	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	43023	No
202	GOM_NL__2PRFIN20100523_162849_000000492089_00384_43023_1190.N1	23-MAY-2010 16:28:49	Tw_i_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	43023	No
203	GOM_NL__2PRFIN20100523_163141_000000552089_00384_43023_1191.N1	23-MAY-2010 16:31:41	Bright	54.500	16	21Alp Sco	1.0200	3000.0	109	43023	No
204	GOM_NL__2PRFIN20100523_163405_000000432089_00384_43023_1192.N1	23-MAY-2010 16:34:05	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	43023	No
205	GOM_NL__2PRFIN20100523_163734_000000382089_00384_43023_1193.N1	23-MAY-2010 16:37:34	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	43023	No
206	GOM_NL__2PRFIN20100523_163920_000000452089_00384_43023_1194.N1	23-MAY-2010 16:39:20	Bright	44.500	120	1Del Oph	2.7340	3200.0	89	43023	No
207	GOM_NL__2PRFIN20100523_164225_000000402089_00384_43023_1195.N1	23-MAY-2010 16:42:25	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	43023	No
208	GOM_NL__2PRFIN20100523_164810_000000352089_00384_43023_1196.N1	23-MAY-2010 16:48:10	Bright	35.000	83		2.3780	11000.	70	43023	No
209	GOM_NL__2PRFIN20100523_165926_000000412089_00384_43023_1197.N1	23-MAY-2010 16:59:26	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	43023	No
210	GOM_NL__2PRFIN20100523_170132_000000382089_00384_43023_1198.N1	23-MAY-2010 17:01:32	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	43023	No
211	GOM_NL__2PRFIN20100523_171417_000000352089_00384_43023_1199.N1	23-MAY-2010 17:14:17	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	43023	No
212	GOM_NL__2PRFIN20100523_171529_000000372089_00384_43023_1200.N1	23-MAY-2010 17:15:29	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	43023	No
213	GOM_NL__2PRFIN20100523_172140_000000392089_00384_43023_1201.N1	23-MAY-2010 17:21:40	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43023	No
214	GOM_NL__2PRFIN20100523_172413_000000492089_00384_43023_1202.N1	23-MAY-2010 17:24:13	Tw_i_and_stray	49.000	58	21Alp And	2.0730	11000.	98	43023	No
215	GOM_NL__2PRFIN20100523_172839_000000472089_00384_43023_1203.N1	23-MAY-2010 17:28:39	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	43023	No
216	GOM_NL__2PRFIN20100523_174457_000000542089_00384_43023_1204.N1	23-MAY-2010 17:44:57	Dark	53.500	18	24Alp PsA	1.1660	9700.0	107	43023	No
217	GOM_NL__2PRFIN20100523_174856_000000552089_00384_43023_1205.N1	23-MAY-2010 17:48:56	Dark	55.000	63	Bet Gru	2.1500	2800.0	110	43023	No
218	GOM_NL__2PRFIN20100523_175028_000000492089_00385_43024_1193.N1	23-MAY-2010 17:50:28	Dark	48.500	172	Gam Gru	3.0030	13100.	97	43024	No
219	GOM_NL__2PRFIN20100523_175559_000000422089_00385_43024_1194.N1	23-MAY-2010 17:55:59	Dark	42.000	45	Alp Pav	1.9400	26000.	84	43024	No

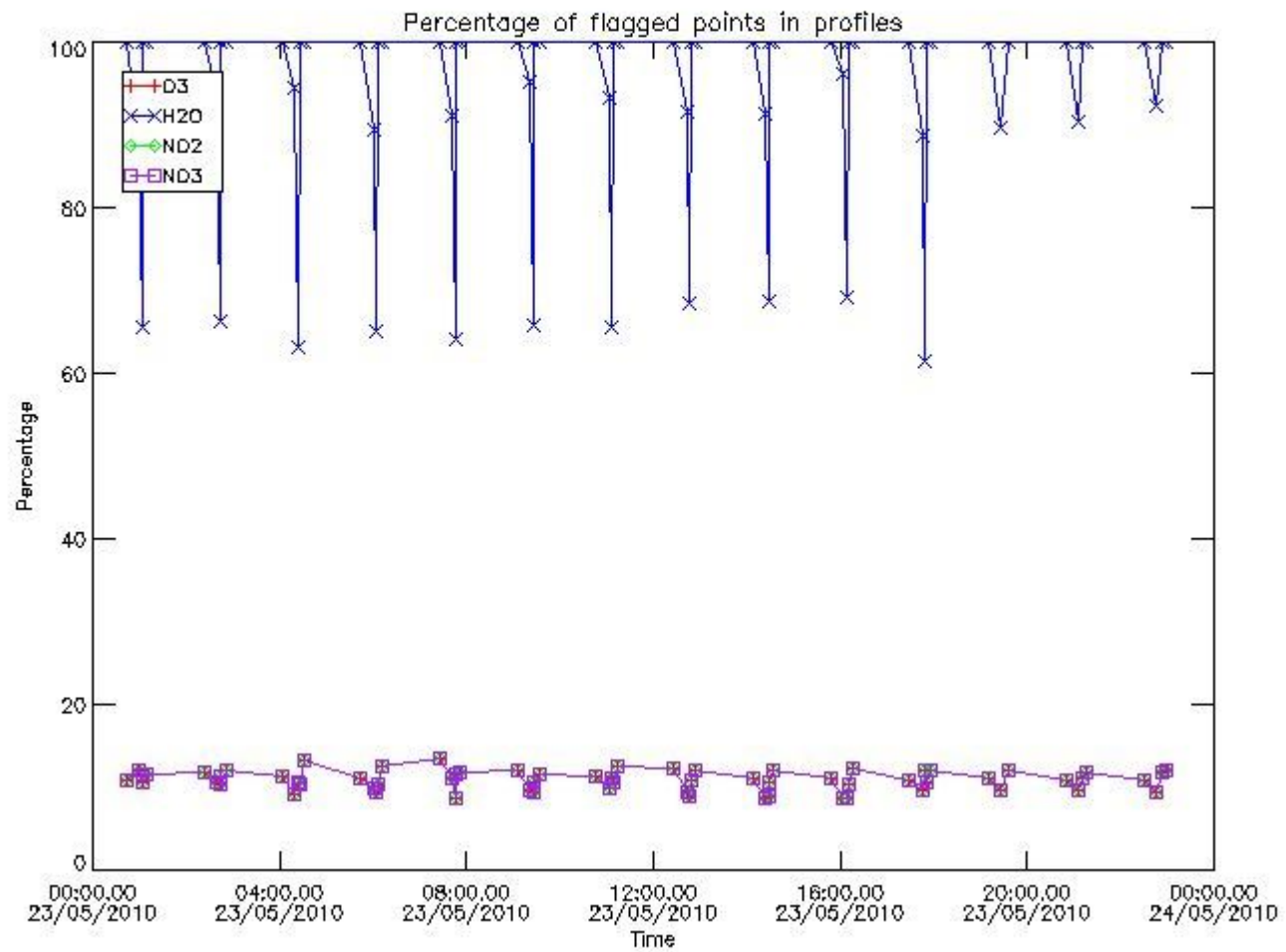
220	GOM_NL__2PRFIN20100523_180246_000000402089_00385_43024_1195.N1	23-MAY-2010 18:02:46	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	43024	No
221	GOM_NL__2PRFIN20100523_180532_000000542089_00385_43024_1196.N1	23-MAY-2010 18:05:32	Straylight	54.000	40	The Sco	1.8590	7100.0	108	43024	No
222	GOM_NL__2PRFIN20100523_180723_000000532089_00385_43024_1197.N1	23-MAY-2010 18:07:23	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	43024	No
223	GOM_NL__2PRFIN20100523_180925_000000492089_00385_43024_1198.N1	23-MAY-2010 18:09:25	Tw_i_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	43024	No
224	GOM_NL__2PRFIN20100523_181217_000000602089_00385_43024_1199.N1	23-MAY-2010 18:12:17	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43024	No
225	GOM_NL__2PRFIN20100523_181441_000000422089_00385_43024_1200.N1	23-MAY-2010 18:14:41	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	43024	No
226	GOM_NL__2PRFIN20100523_181810_000000452089_00385_43024_1201.N1	23-MAY-2010 18:18:10	Bright	44.500	104	27Bet Lib	2.6140	13100.	89	43024	No
227	GOM_NL__2PRFIN20100523_181956_000000442089_00385_43024_1202.N1	23-MAY-2010 18:19:56	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43024	No
228	GOM_NL__2PRFIN20100523_182301_000000402089_00385_43024_1203.N1	23-MAY-2010 18:23:01	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	43024	No
229	GOM_NL__2PRFIN20100523_182846_000000392089_00385_43024_1204.N1	23-MAY-2010 18:28:46	Bright	38.500	83		2.3780	11000.	77	43024	No
230	GOM_NL__2PRFIN20100523_184001_000000402089_00385_43024_1205.N1	23-MAY-2010 18:40:01	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	43024	No
231	GOM_NL__2PRFIN20100523_184208_000000352089_00385_43024_1206.N1	23-MAY-2010 18:42:08	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	43024	No
232	GOM_NL__2PRFIN20100523_185452_000000542089_00385_43024_1207.N1	23-MAY-2010 18:54:52	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43024	No
233	GOM_NL__2PRFIN20100523_185604_000000552089_00385_43024_1208.N1	23-MAY-2010 18:56:04	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43024	No
234	GOM_NL__2PRFIN20100523_190217_000000392089_00385_43024_1209.N1	23-MAY-2010 19:02:17	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43024	No
235	GOM_NL__2PRFIN20100523_190448_000000482089_00385_43024_1210.N1	23-MAY-2010 19:04:48	Tw_i_and_stray	47.500	58	21Alp And	2.0730	11000.	95	43024	No
236	GOM_NL__2PRFIN20100523_190916_000000462089_00385_43024_1211.N1	23-MAY-2010 19:09:16	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	43024	No
237	GOM_NL__2PRFIN20100523_192534_000000532089_00385_43024_1212.N1	23-MAY-2010 19:25:34	Dark	53.000	18	24Alp PsA	1.1660	9700.0	106	43024	No
238	GOM_NL__2PRFIN20100523_193636_000000432089_00386_43025_1201.N1	23-MAY-2010 19:36:36	Dark	42.500	45	Alp Pav	1.9400	26000.	85	43025	No
239	GOM_NL__2PRFIN20100523_194322_000000472089_00386_43025_1202.N1	23-MAY-2010 19:43:22	Straylight	46.500	141	Bet Ara	2.8400	4600.0	93	43025	No
240	GOM_NL__2PRFIN20100523_194609_000000532089_00386_43025_1203.N1	23-MAY-2010 19:46:09	Straylight	52.500	40	The Sco	1.8590	7100.0	105	43025	No
241	GOM_NL__2PRFIN20100523_194800_000000542089_00386_43025_1204.N1	23-MAY-2010 19:48:00	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	43025	No
242	GOM_NL__2PRFIN20100523_195001_000000502089_00386_43025_1205.N1	23-MAY-2010 19:50:01	Tw_i_and_stray	49.500	75	26Eps Sco	2.2910	4250.0	99	43025	No
243	GOM_NL__2PRFIN20100523_195253_000000602089_00386_43025_1206.N1	23-MAY-2010 19:52:53	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43025	No
244	GOM_NL__2PRFIN20100523_195517_000000452089_00386_43025_1207.N1	23-MAY-2010 19:55:17	Bright	45.000	97	8Bet1Sco	2.5610	30000.	90	43025	No
245	GOM_NL__2PRFIN20100523_195846_000000392089_00386_43025_1208.N1	23-MAY-2010 19:58:46	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	43025	No
246	GOM_NL__2PRFIN20100523_200032_000000442089_00386_43025_1209.N1	23-MAY-2010 20:00:32	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43025	No
247	GOM_NL__2PRFIN20100523_200336_000000402089_00386_43025_1210.N1	23-MAY-2010 20:03:36	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	43025	No
248	GOM_NL__2PRFIN20100523_200922_000000412089_00386_43025_1211.N1	23-MAY-2010 20:09:22	Bright	40.500	83		2.3780	11000.	81	43025	No
249	GOM_NL__2PRFIN20100523_202037_000000432089_00386_43025_1212.N1	23-MAY-2010 20:20:37	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	43025	No
250	GOM_NL__2PRFIN20100523_202244_000000372089_00386_43025_1213.N1	23-MAY-2010 20:22:44	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	43025	No
251	GOM_NL__2PRFIN20100523_203528_000000412089_00386_43025_1214.N1	23-MAY-2010 20:35:28	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	43025	No
252	GOM_NL__2PRFIN20100523_203641_000000372089_00386_43025_1215.N1	23-MAY-2010 20:36:41	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	43025	No
253	GOM_NL__2PRFIN20100523_204252_000000392089_00386_43025_1216.N1	23-MAY-2010 20:42:52	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43025	No
254	GOM_NL__2PRFIN20100523_204525_000000492089_00386_43025_1217.N1	23-MAY-2010 20:45:25	Tw_i_and_stray	48.500	58	21Alp And	2.0730	11000.	97	43025	No
255	GOM_NL__2PRFIN20100523_204952_000000462089_00386_43025_1218.N1	23-MAY-2010 20:49:52	Dark	46.000	140	88Gam Peg	2.8340	26000.	92	43025	No
256	GOM_NL__2PRFIN20100523_210611_000000532089_00386_43025_1219.N1	23-MAY-2010 21:06:11	Dark	52.500	18	24Alp PsA	1.1660	9700.0	105	43025	No
257	GOM_NL__2PRFIN20100523_211150_000000462089_00387_43026_1229.N1	23-MAY-2010 21:11:50	Dark	46.000	31	Alp Gru	1.7340	15200.	92	43026	No
258	GOM_NL__2PRFIN20100523_211713_000000432089_00387_43026_1230.N1	23-MAY-2010 21:17:13	Dark	43.000	45	Alp Pav	1.9400	26000.	86	43026	No
259	GOM_NL__2PRFIN20100523_212358_000000472089_00387_43026_1231.N1	23-MAY-2010 21:23:58	Straylight	46.500	141	Bet Ara	2.8400	4600.0	93	43026	No
260	GOM_NL__2PRFIN20100523_212645_000000492089_00387_43026_1232.N1	23-MAY-2010 21:26:45	Straylight	49.000	40	The Sco	1.8590	7100.0	98	43026	No
261	GOM_NL__2PRFIN20100523_212836_000000532089_00387_43026_1233.N1	23-MAY-2010 21:28:36	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	43026	No
262	GOM_NL__2PRFIN20100523_213038_000000482089_00387_43026_1234.N1	23-MAY-2010 21:30:38	Tw_i_and_stray	48.000	75	26Eps Sco	2.2910	4250.0	96	43026	No
263	GOM_NL__2PRFIN20100523_213329_000000552089_00387_43026_1235.N1	23-MAY-2010 21:33:29	Bright	55.000	16	21Alp Sco	1.0200	3000.0	110	43026	No
264	GOM_NL__2PRFIN20100523_213553_000000412089_00387_43026_1236.N1	23-MAY-2010 21:35:53	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	43026	No
265	GOM_NL__2PRFIN20100523_214108_000000442089_00387_43026_1237.N1	23-MAY-2010 21:41:08	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43026	No
266	GOM_NL__2PRFIN20100523_214412_000000402089_00387_43026_1238.N1	23-MAY-2010 21:44:12	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	43026	No
267	GOM_NL__2PRFIN20100523_214958_000000412089_00387_43026_1239.N1	23-MAY-2010 21:49:58	Bright	41.000	83		2.3780	11000.	82	43026	No
268	GOM_NL__2PRFIN20100523_220112_000000392089_00387_43026_1240.N1	23-MAY-2010 22:01:12	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	43026	No
269	GOM_NL__2PRFIN20100523_220320_000000392089_00387_43026_1241.N1	23-MAY-2010 22:03:20	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	43026	No
270	GOM_NL__2PRFIN20100523_221604_000000382089_00387_43026_1242.N1	23-MAY-2010 22:16:04	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	43026	No
271	GOM_NL__2PRFIN20100523_221716_000000552089_00387_43026_1243.N1	23-MAY-2010 22:17:16	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43026	No
272	GOM_NL__2PRFIN20100523_222329_000000392089_00387_43026_1244.N1	23-MAY-2010 22:23:29	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43026	No
273	GOM_NL__2PRFIN20100523_222601_000000522089_00387_43026_1245.N1	23-MAY-2010 22:26:01	Tw_i_and_stray	51.500	58	21Alp And	2.0730	11000.	103	43026	No
274	GOM_NL__2PRFIN20100523_223028_000000472089_00387_43026_1246.N1	23-MAY-2010 22:30:28	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	43026	No
275	GOM_NL__2PRFIN20100523_224648_000000592089_00387_43026_1247.N1	23-MAY-2010 22:46:48	Dark	59.000	18	24Alp PsA	1.1660	9700.0	118	43026	No
276	GOM_NL__2PRFIN20100523_225227_000000442089_00388_43027_1237.N1	23-MAY-2010 22:52:27	Dark	43.500	31	Alp Gru	1.7340	15200.	87	43027	No
277	GOM_NL__2PRFIN20100523_225749_000000432089_00388_43027_1238.N1	23-MAY-2010 22:57:49	Dark	42.500	45	Alp Pav	1.9400	26000.	85	43027	No
278	GOM_NL__2PRFIN20100523_230435_000000432089_00388_43027_1239.N1	23-MAY-2010 23:04:35	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	43027	No

279	GOM_NL__2PRFIN20100523_230721_000000482089_00388_43027_1240.N1	23-MAY-2010 23:07:21	Straylight	48.000	40	The Sco	1.8590	7100.0	96	43027	No
280	GOM_NL__2PRFIN20100523_230912_000000502089_00388_43027_1241.N1	23-MAY-2010 23:09:12	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	43027	No
281	GOM_NL__2PRFIN20100523_231114_000000542089_00388_43027_1242.N1	23-MAY-2010 23:11:14	Twilight_stray	54.000	75	26Eps Sco	2.2910	4250.0	108	43027	No
282	GOM_NL__2PRFIN20100523_231405_000000562089_00388_43027_1243.N1	23-MAY-2010 23:14:05	Bright	56.000	16	21Alp Sco	1.0200	3000.0	112	43027	No
283	GOM_NL__2PRFIN20100523_231629_000000412089_00388_43027_1244.N1	23-MAY-2010 23:16:29	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	43027	No
284	GOM_NL__2PRFIN20100523_231958_000000192089_00388_43027_1245.N1	23-MAY-2010 23:19:58	Twilight_stray	19.000	104	27Bet Lib	2.6140	13100.	38	43027	No
285	GOM_NL__2PRFIN20100523_232144_000000442089_00388_43027_1246.N1	23-MAY-2010 23:21:44	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43027	No
286	GOM_NL__2PRFIN20100523_232448_000000412089_00388_43027_1247.N1	23-MAY-2010 23:24:48	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	43027	No
287	GOM_NL__2PRFIN20100523_233034_000000362089_00388_43027_1248.N1	23-MAY-2010 23:30:34	Bright	36.000	83		2.3780	11000.	72	43027	No
288	GOM_NL__2PRFIN20100523_234148_000000412089_00388_43027_1249.N1	23-MAY-2010 23:41:48	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	43027	No
289	GOM_NL__2PRFIN20100523_234356_000000382089_00388_43027_1250.N1	23-MAY-2010 23:43:56	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	43027	No
290	GOM_NL__2PRFIN20100523_235640_000000542089_00388_43027_1251.N1	23-MAY-2010 23:56:40	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43027	No
291	GOM_NL__2PRFIN20100523_235752_000000552089_00388_43027_1252.N1	23-MAY-2010 23:57:52	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43027	No

3. Quality information per product

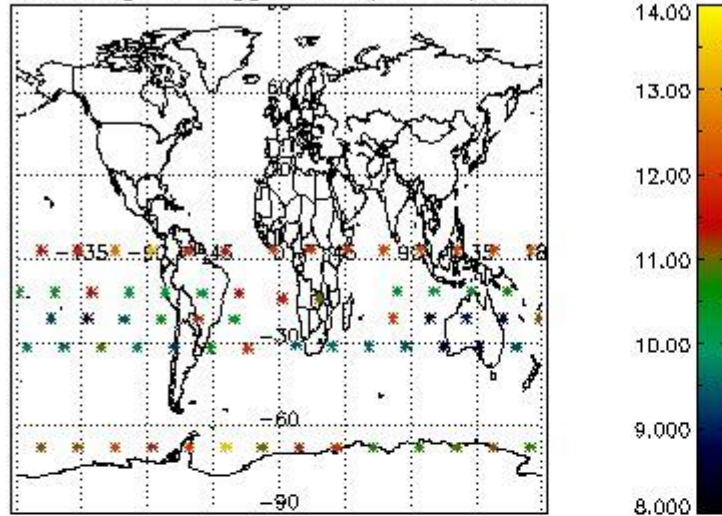
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

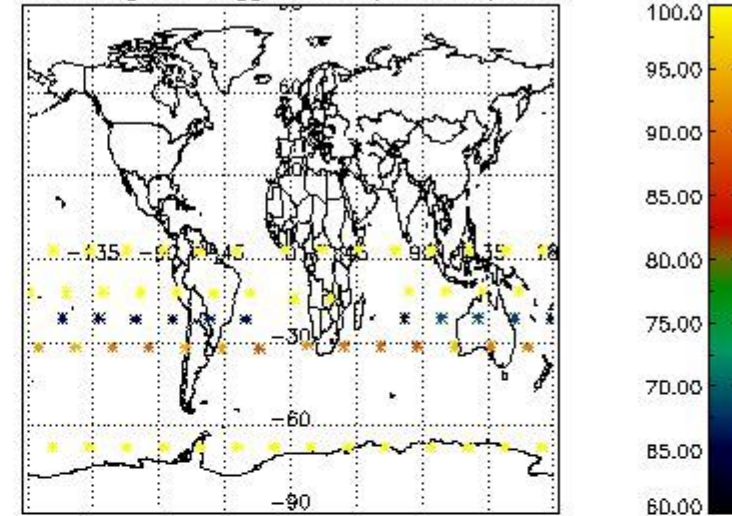


3.2 Plot quality information per product (world map)

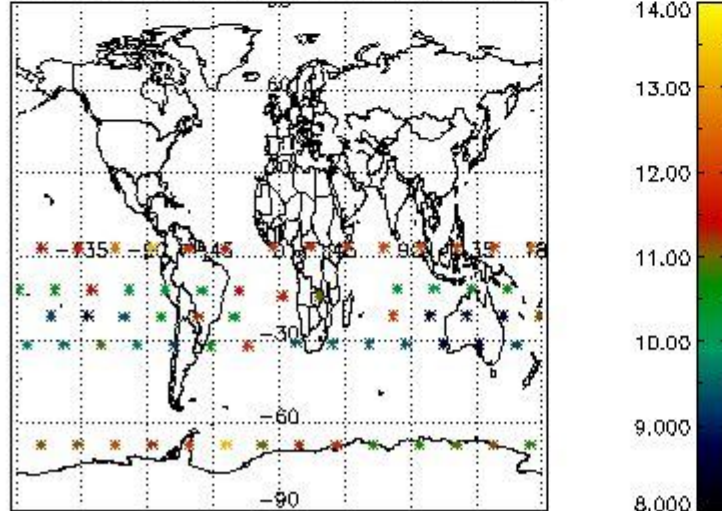
Percentage of flagged data per O3 profile



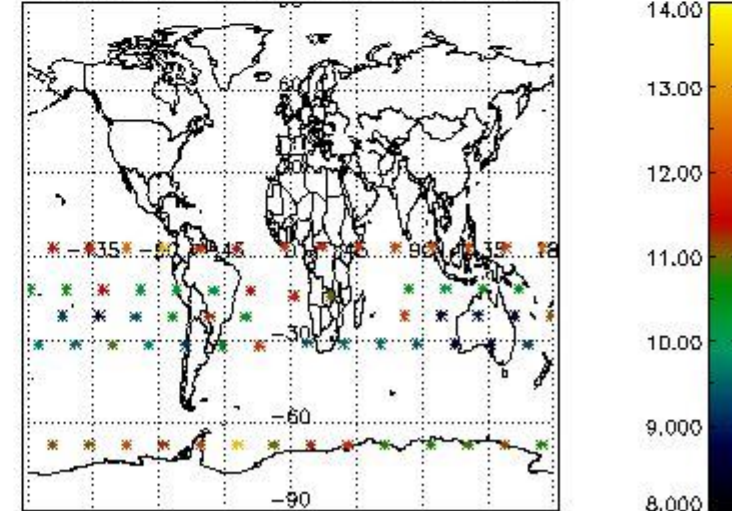
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

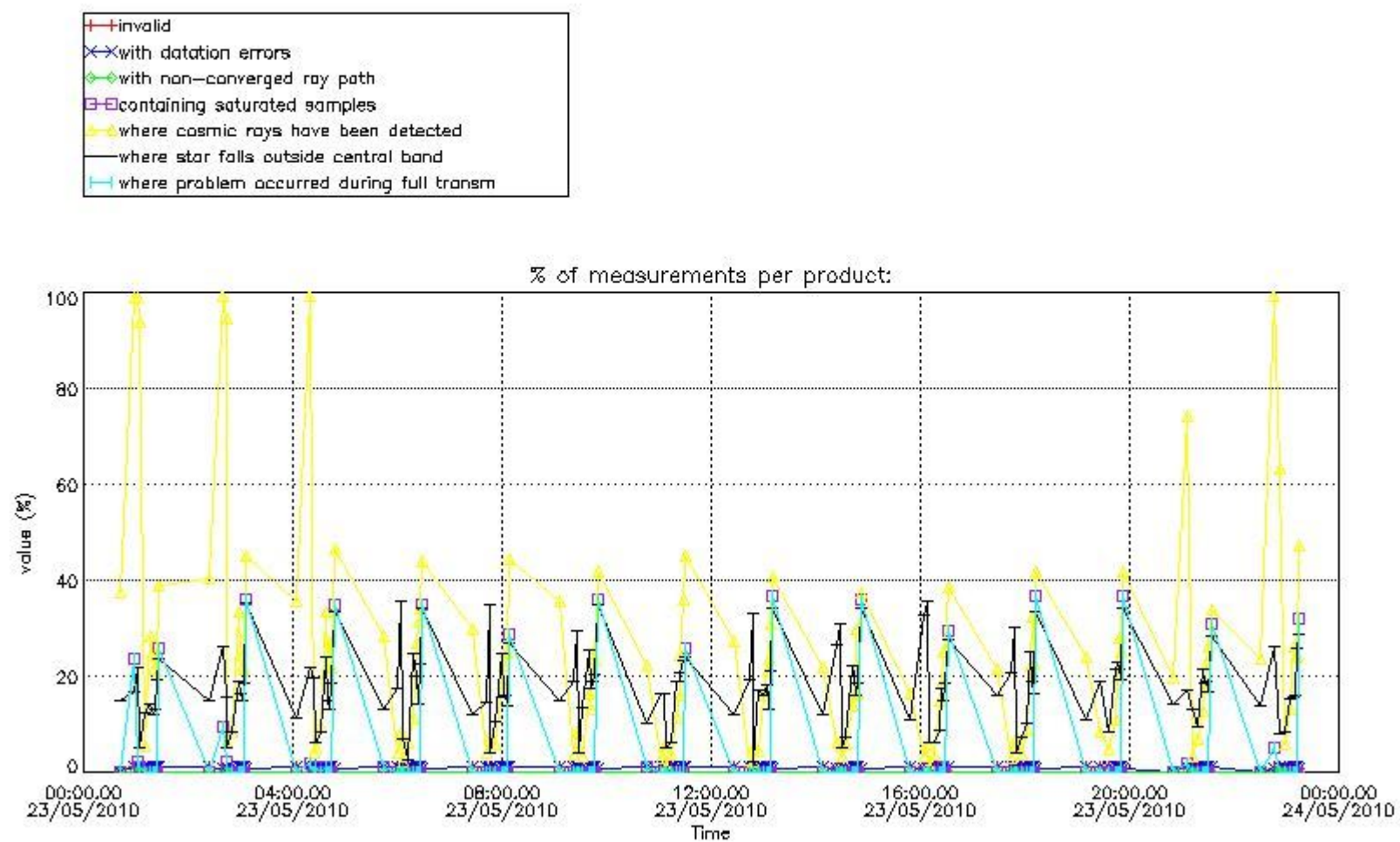


4. Level 1 quality information per product

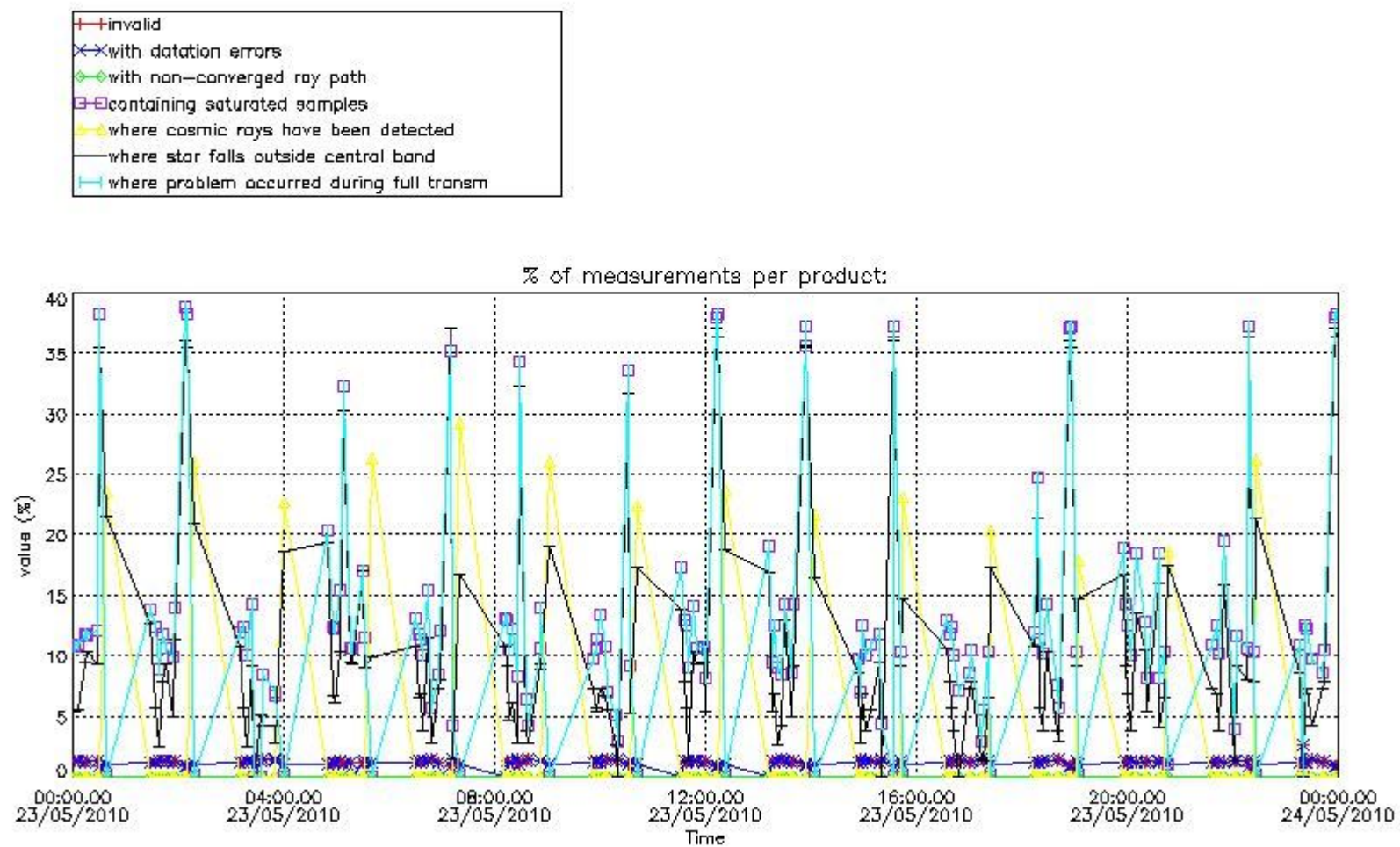
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

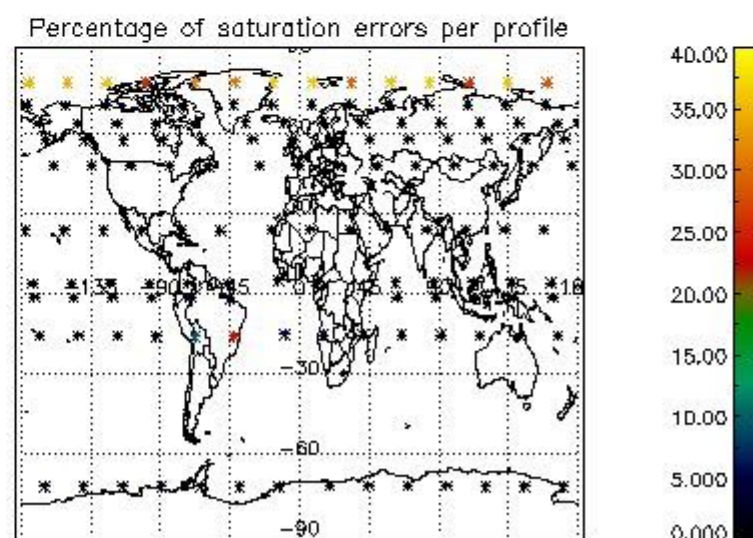
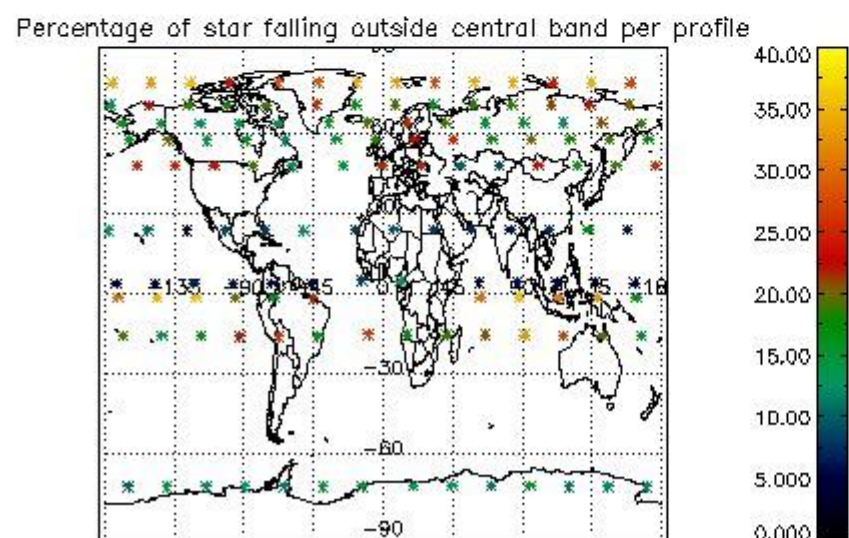
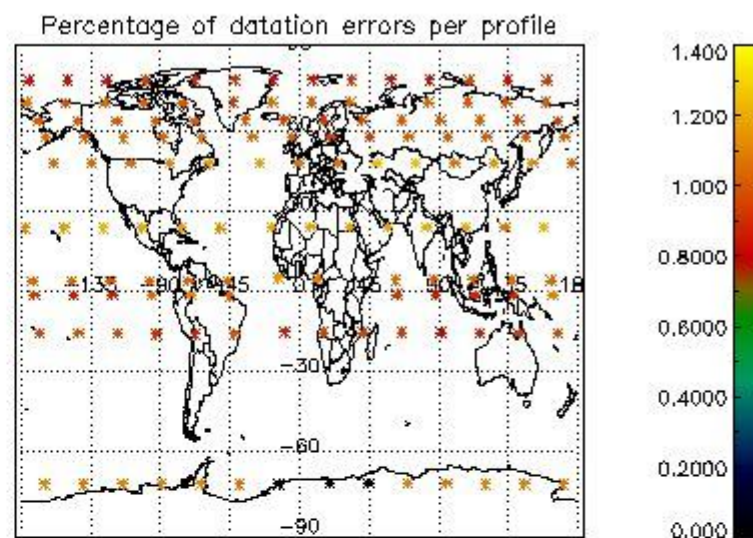
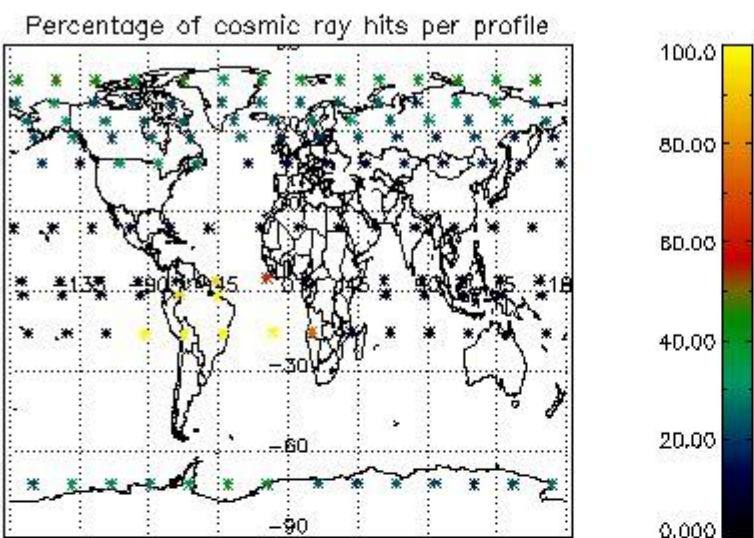


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

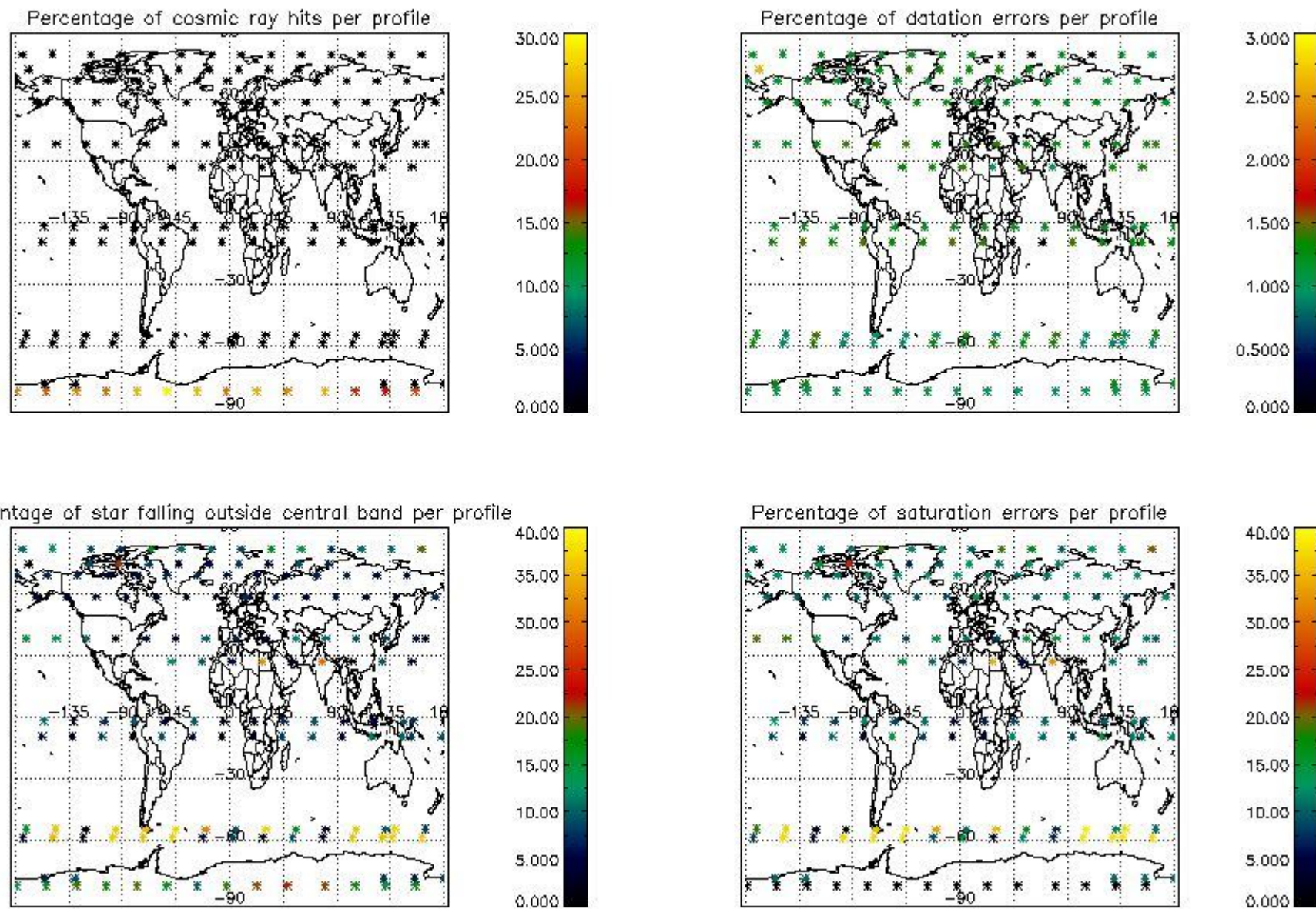


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

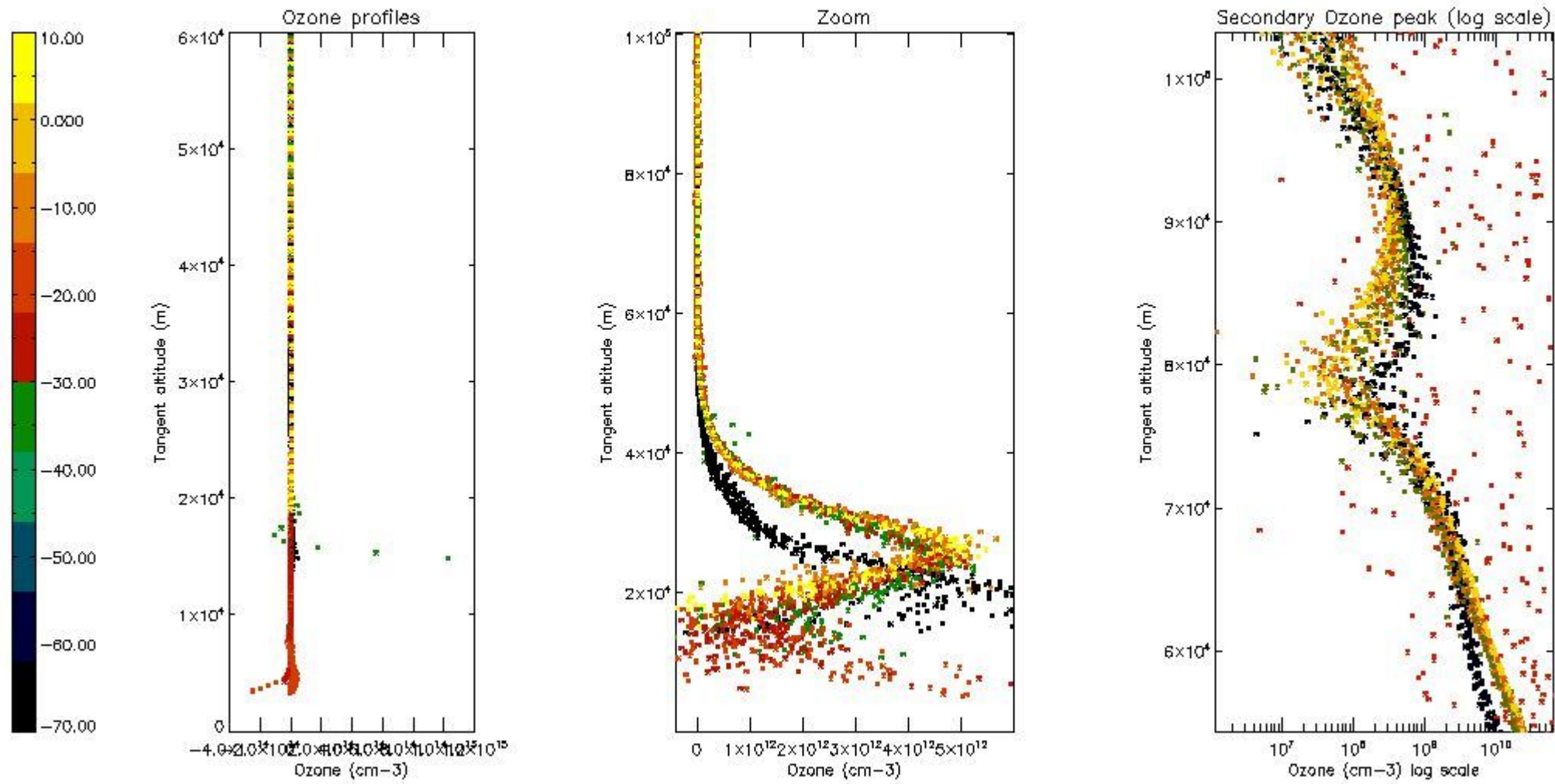
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	13

STD < 10	11
STD < 5	7

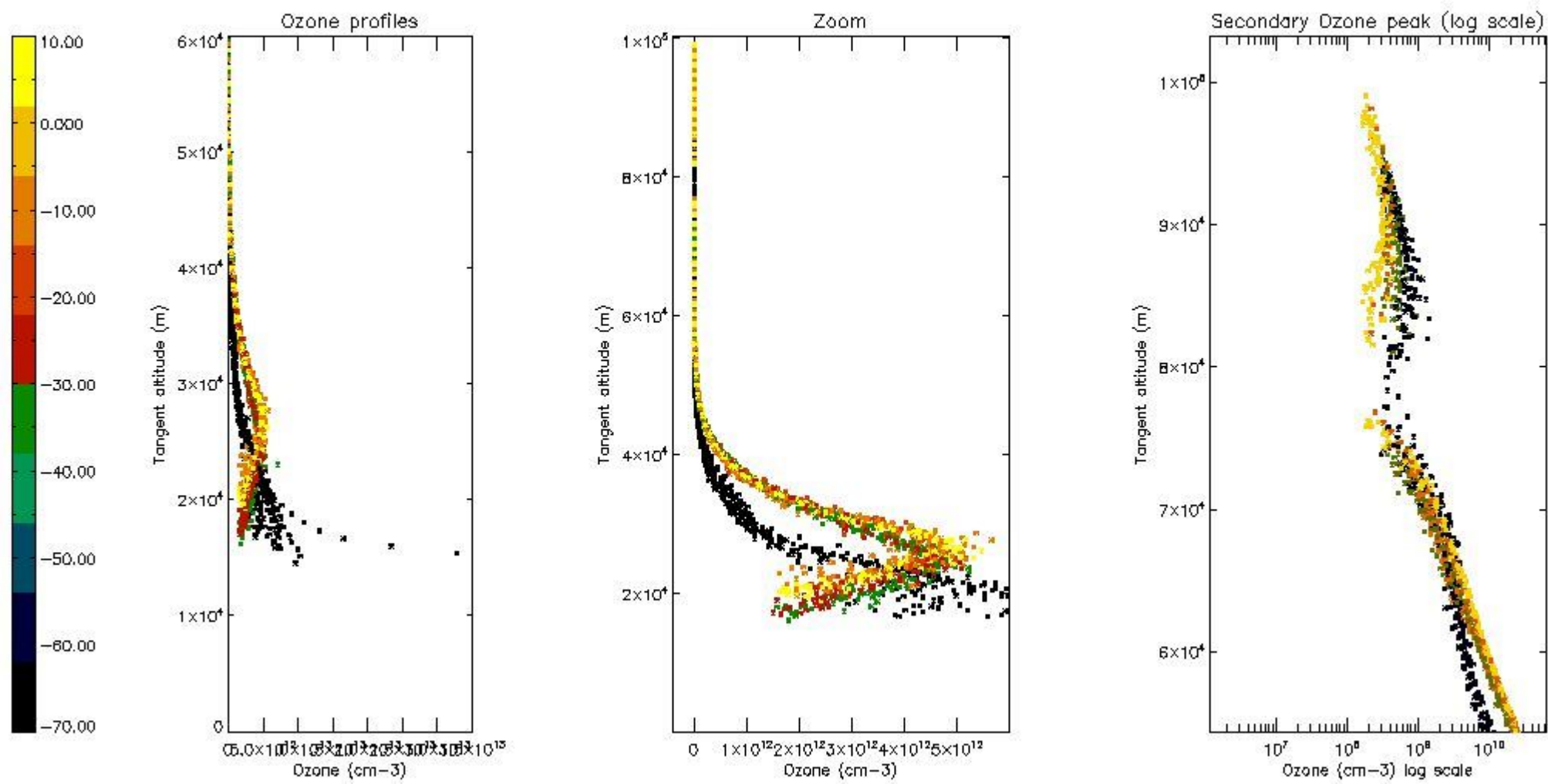
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



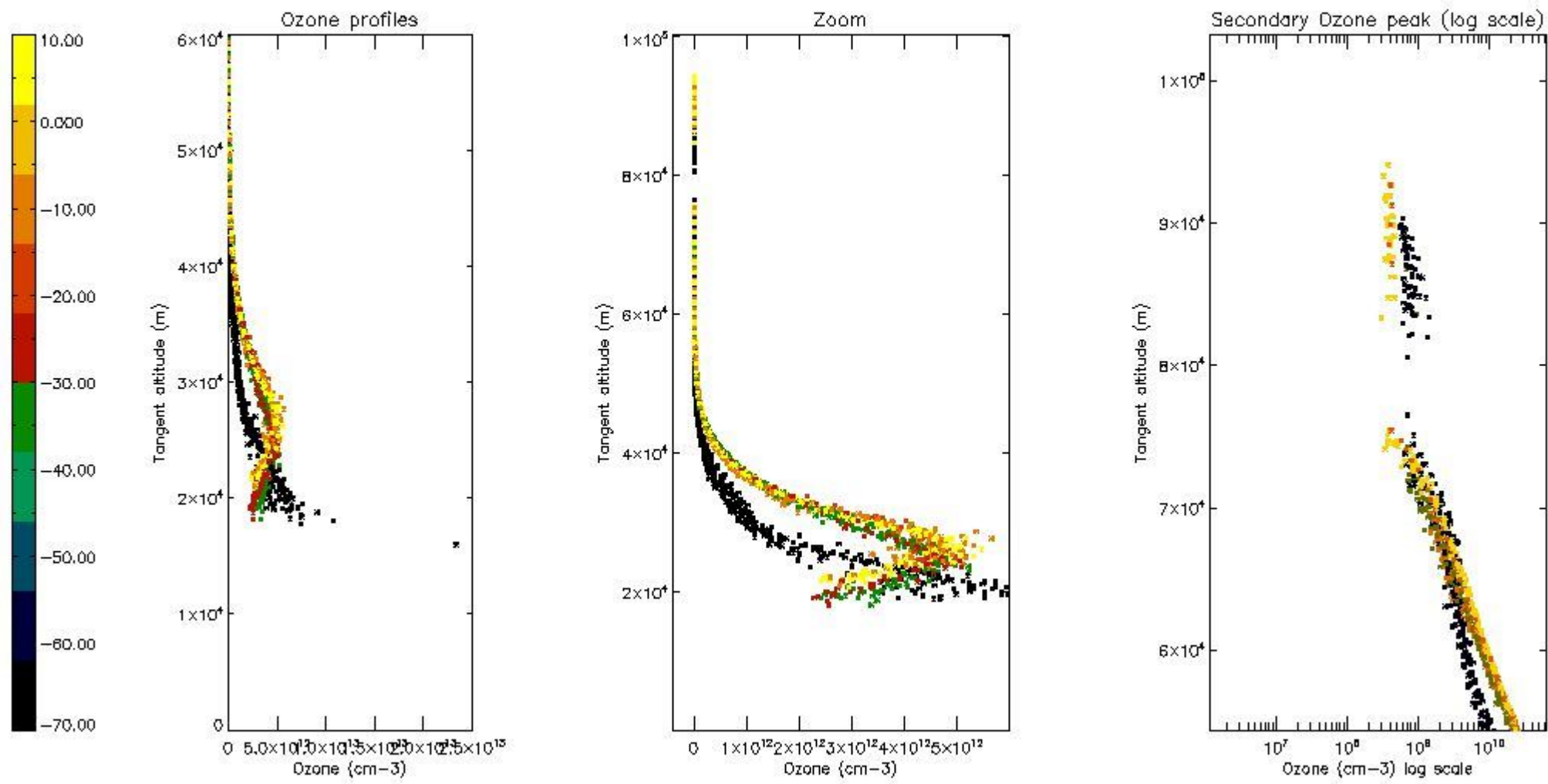
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



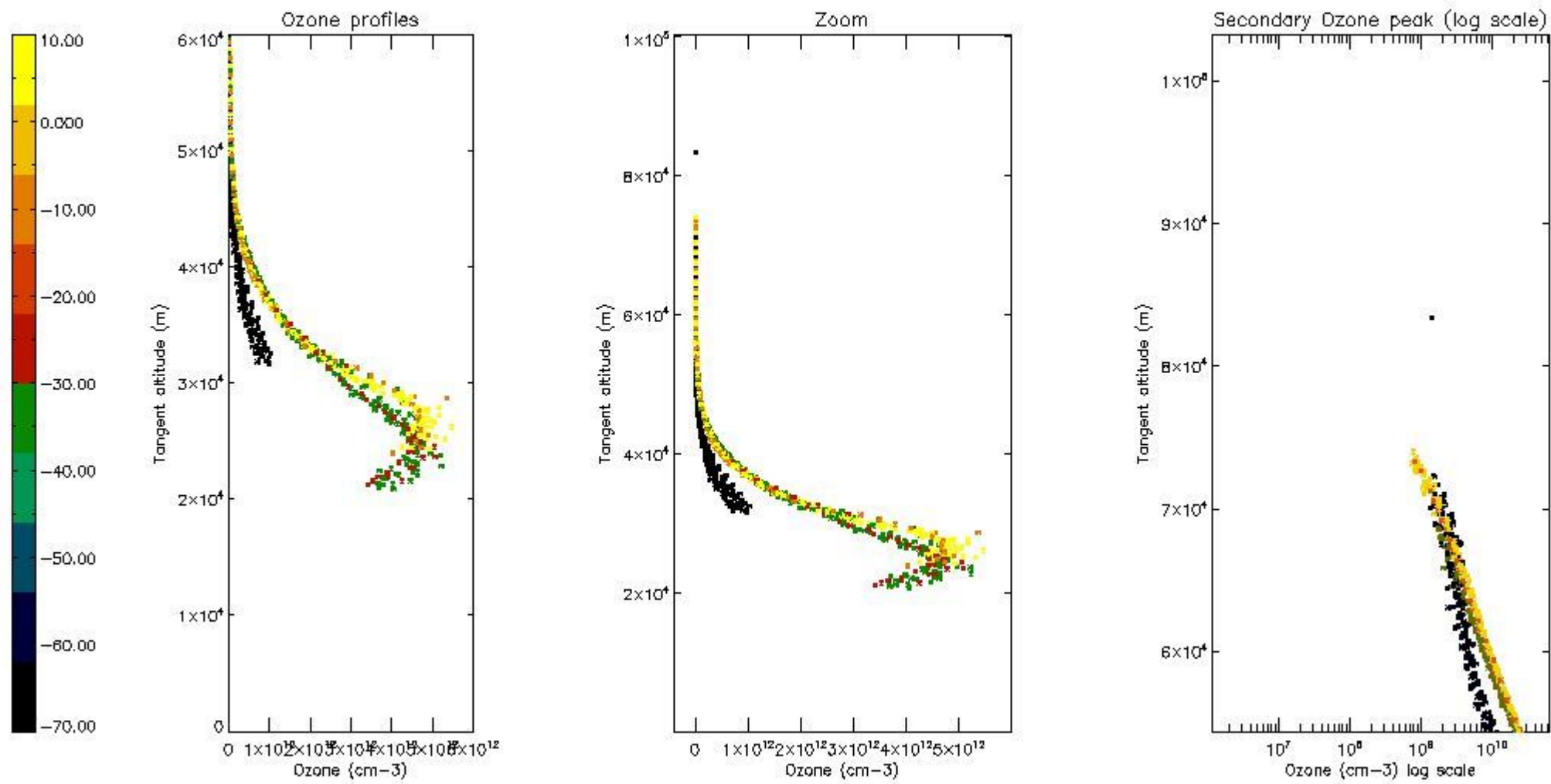
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



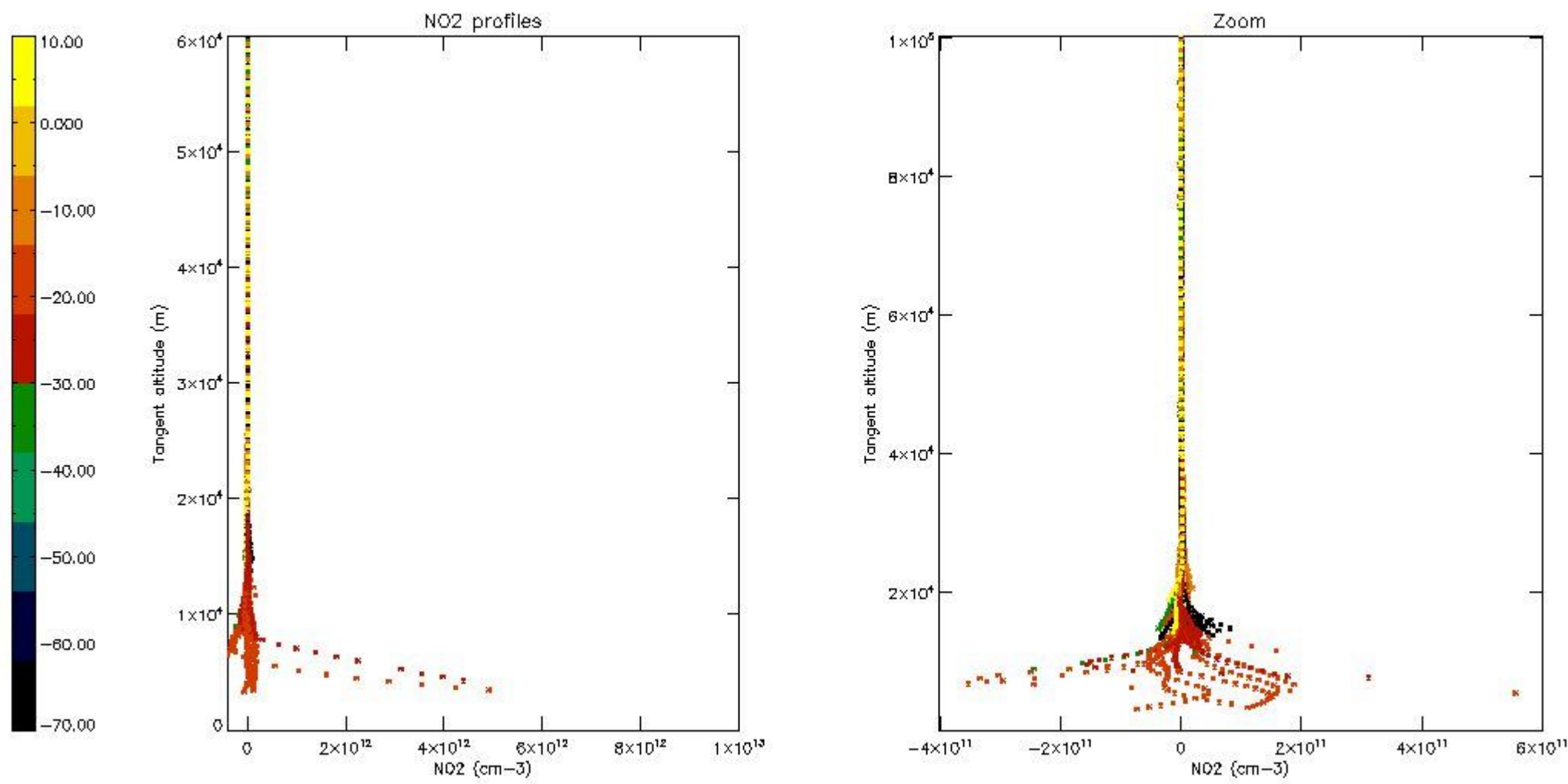
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



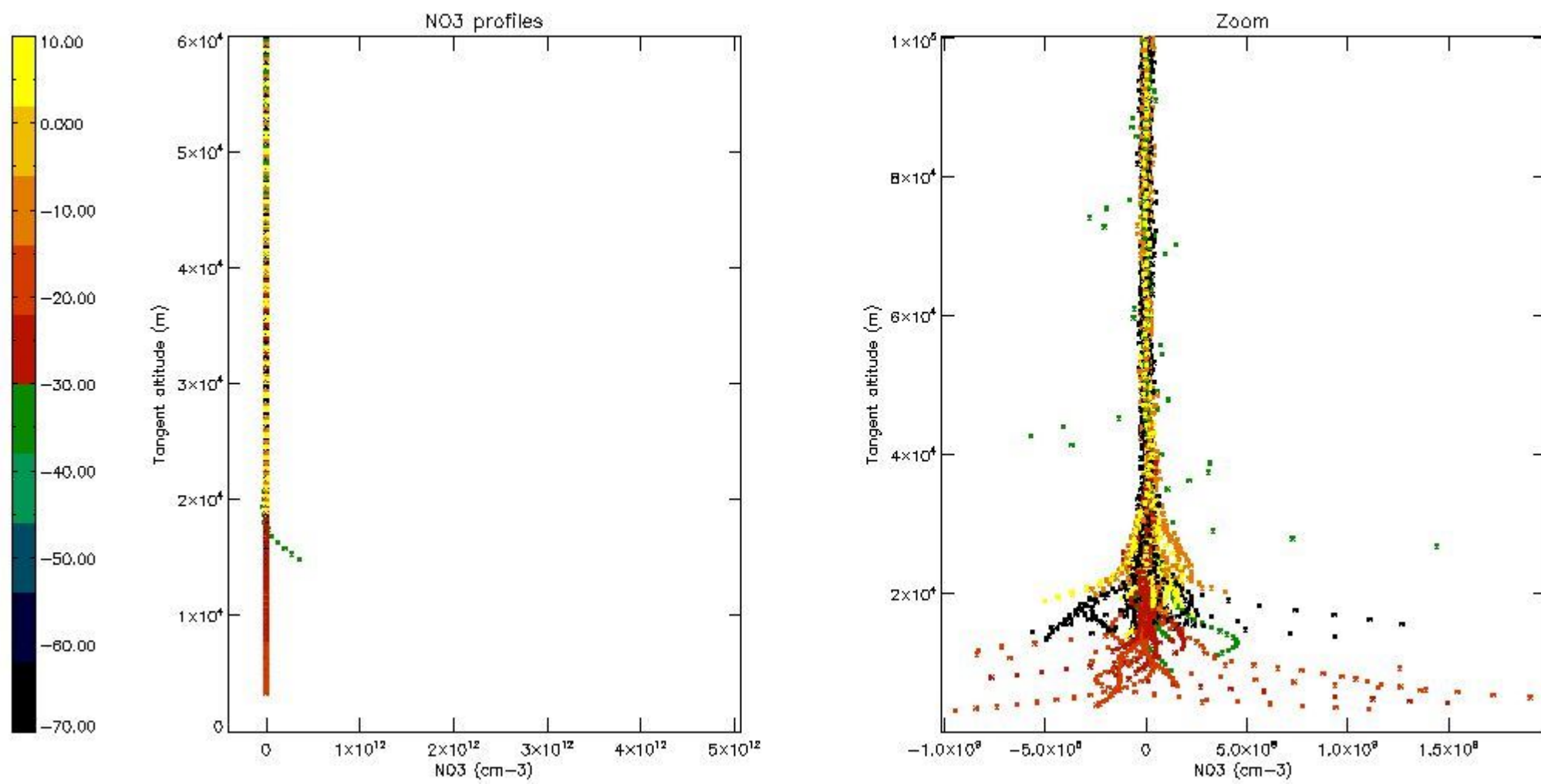
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



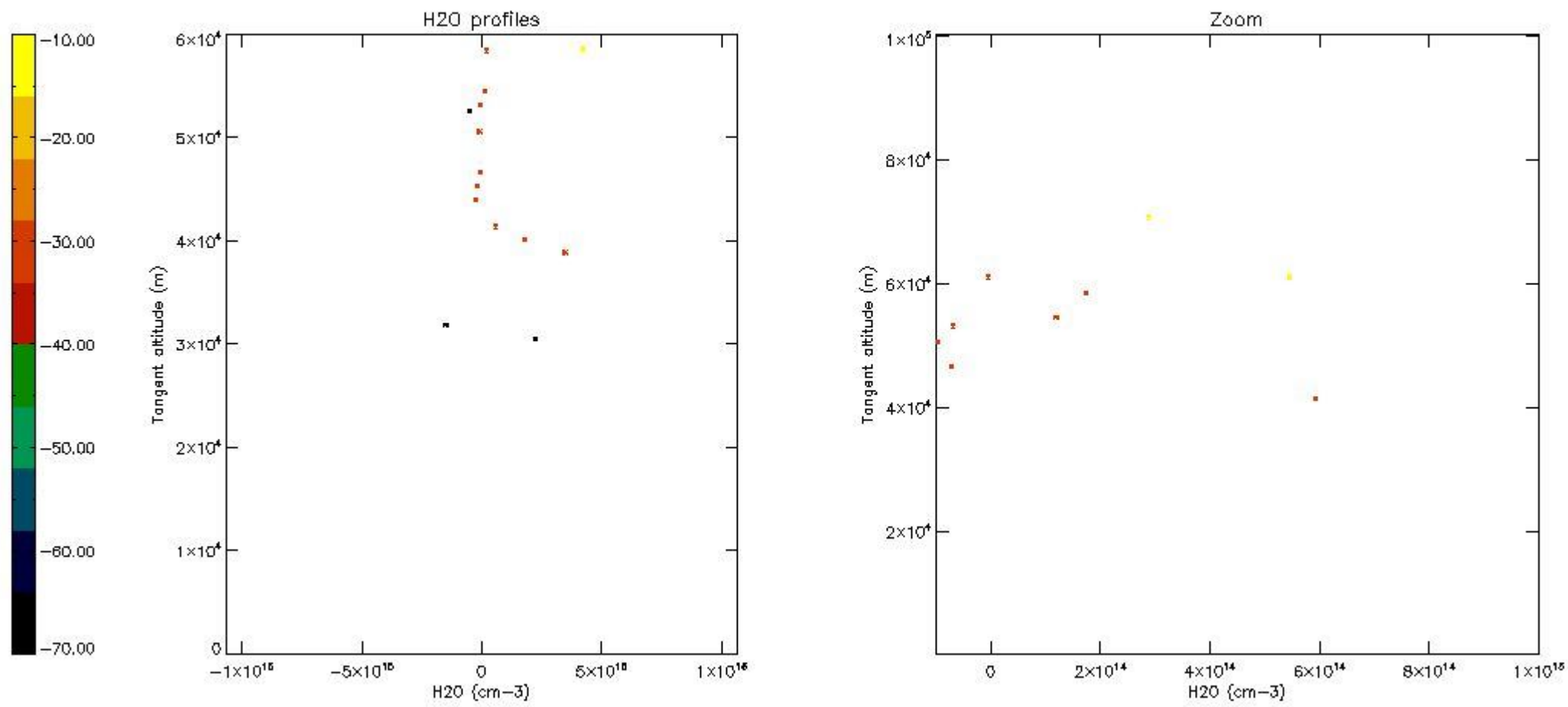
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

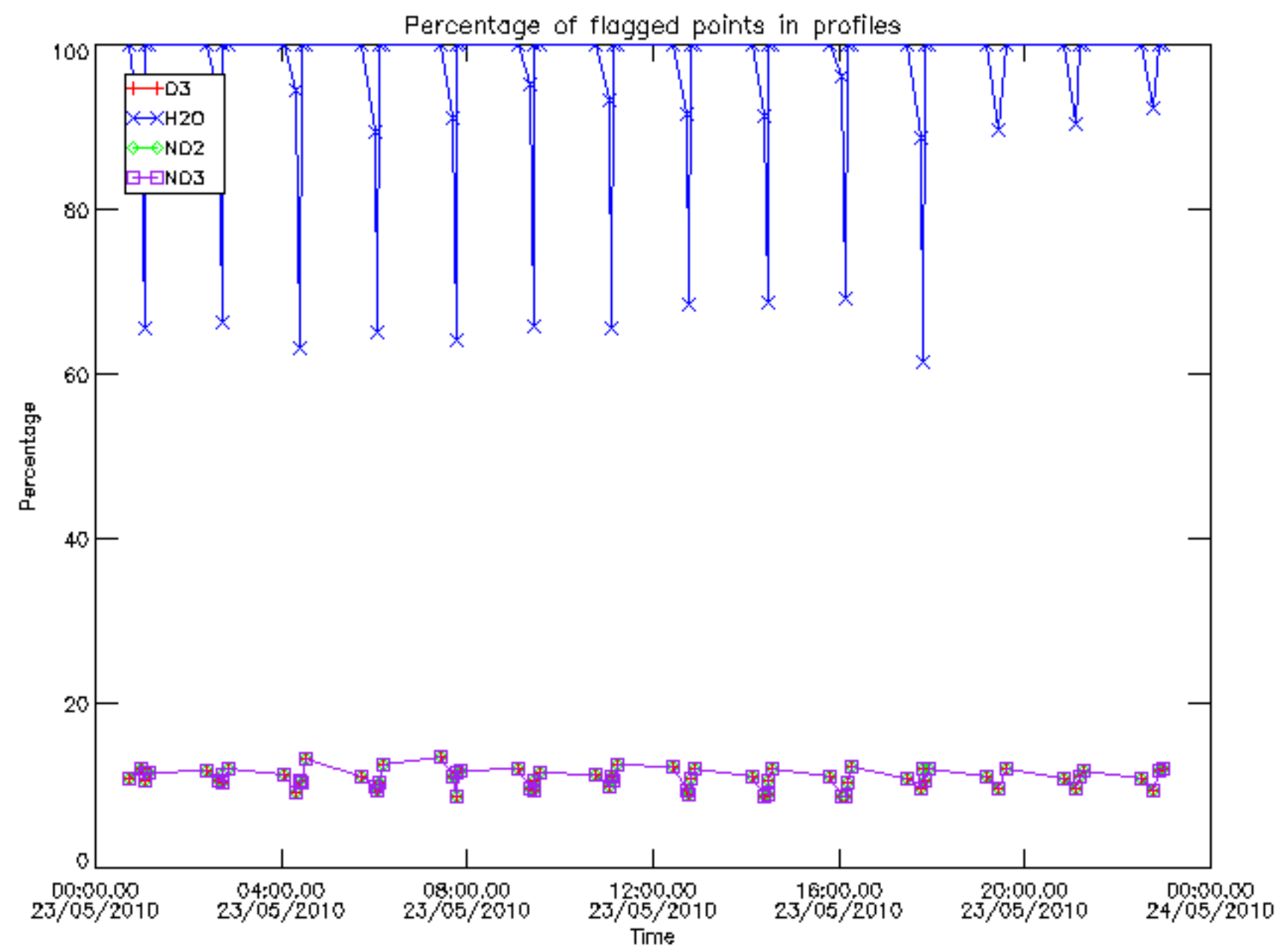
The colorbar represents the latitude.



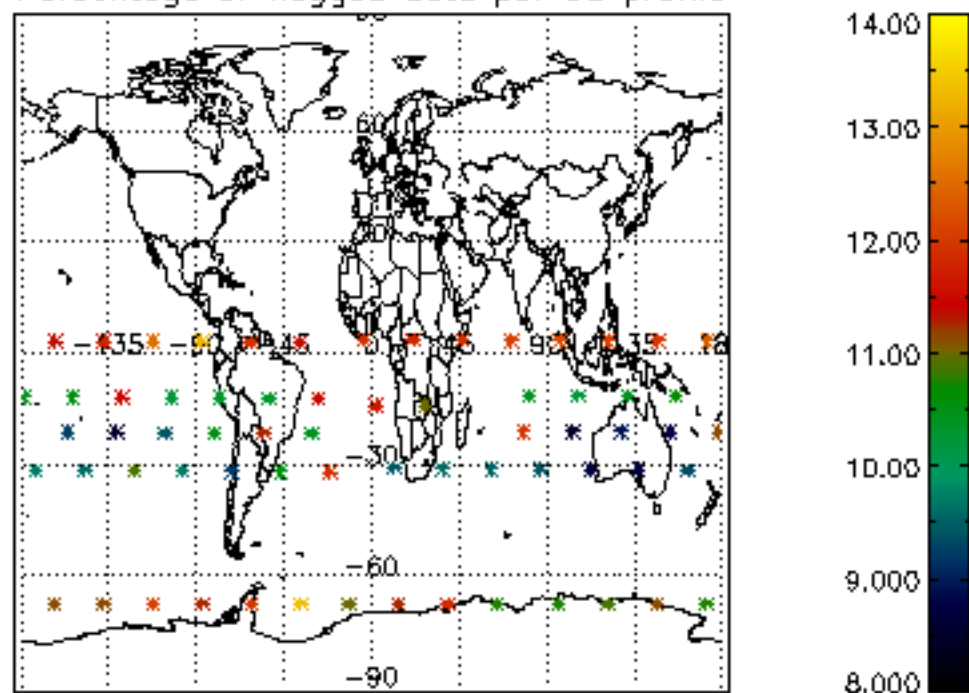
6. Auxiliary Data Files used for the production reported in section 2

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

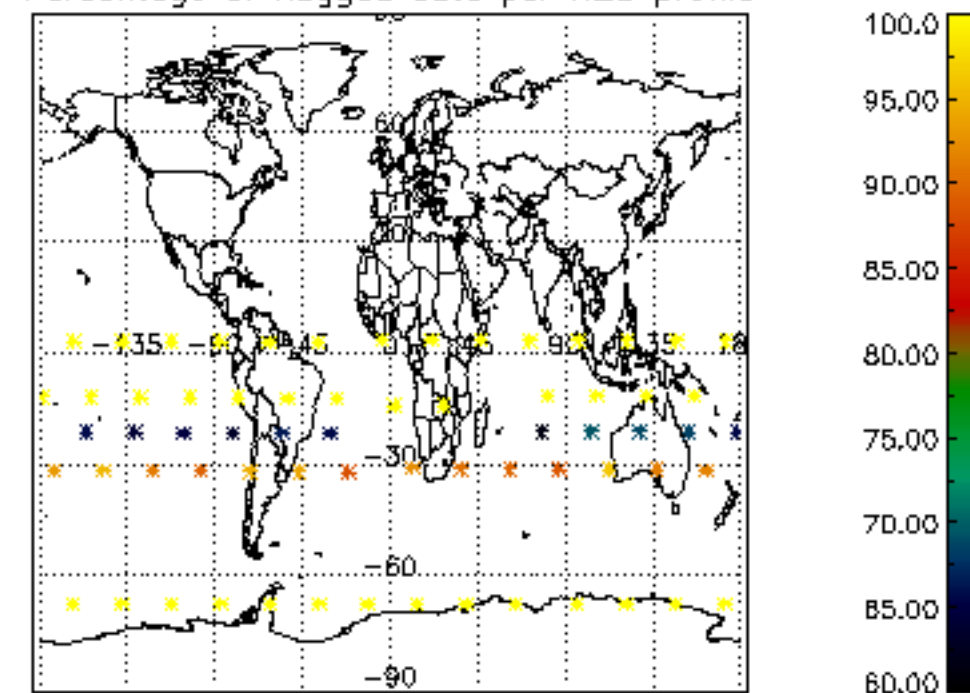
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	23-MAY-2010 00:02:11
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-MAY-2010 00:02:11
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-MAY-2010 00:02:11



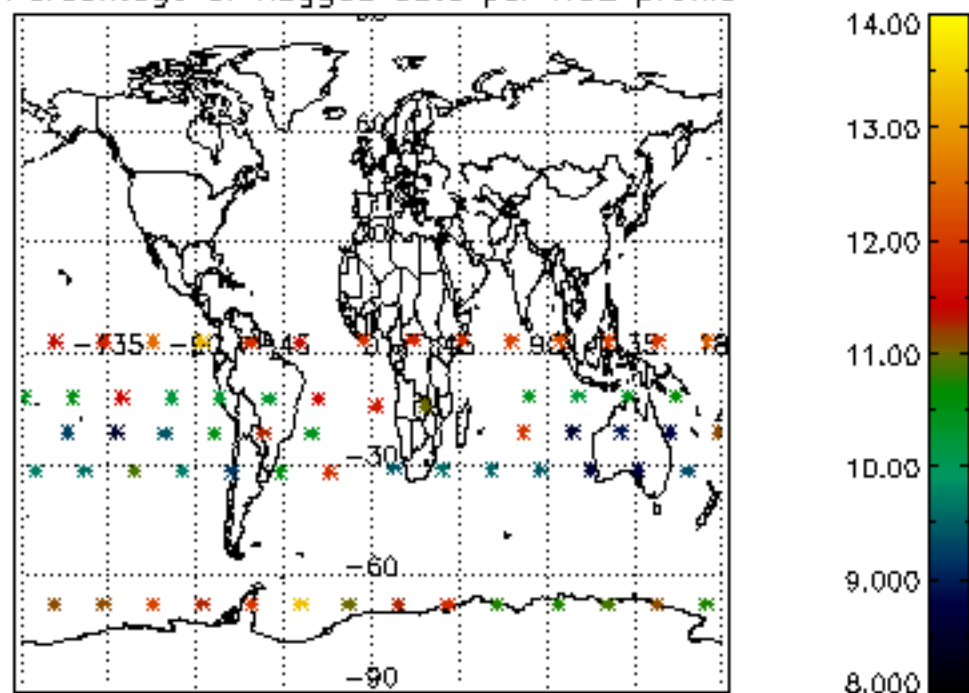
Percentage of flagged data per D3 profile



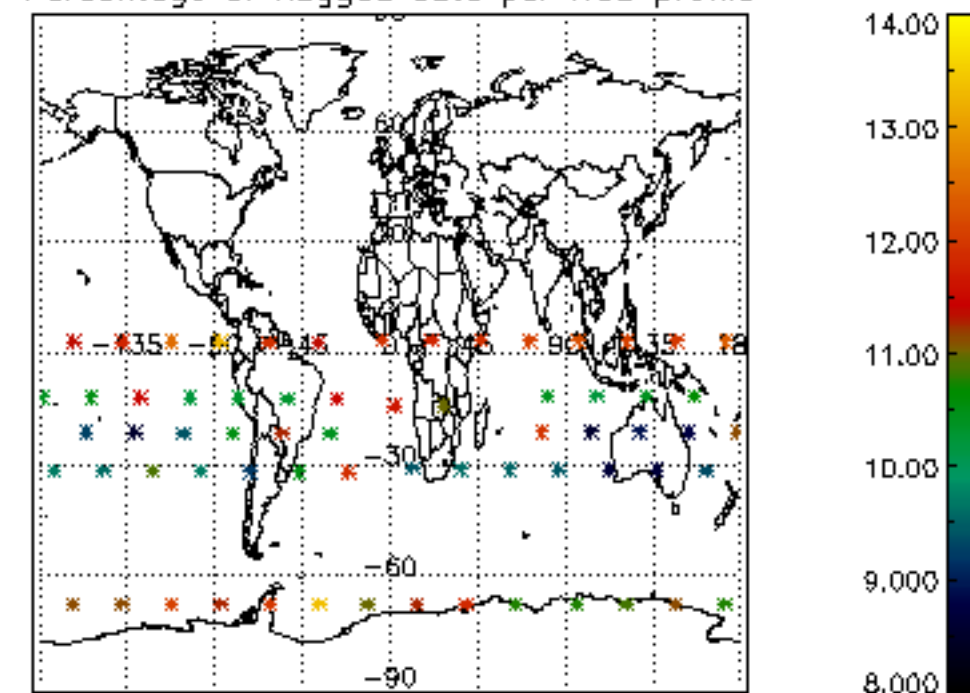
Percentage of flagged data per H2O profile

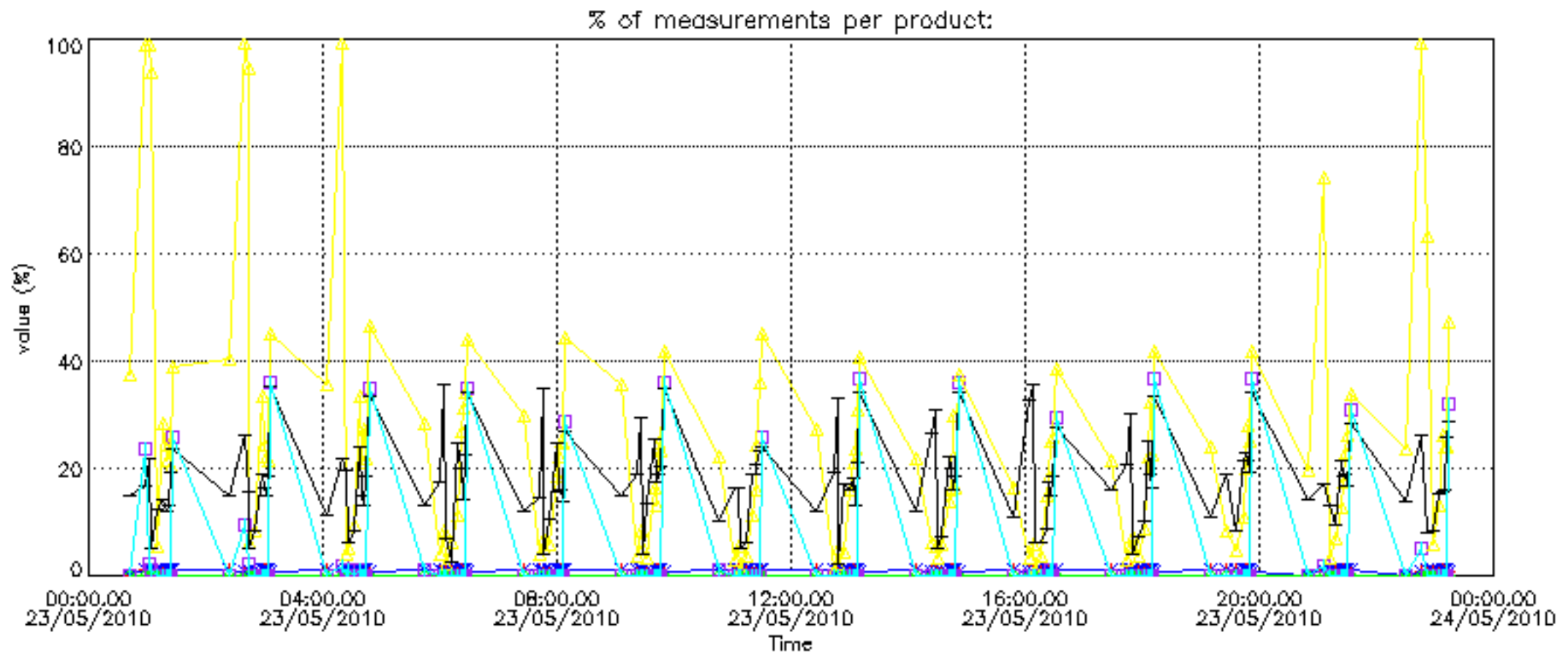


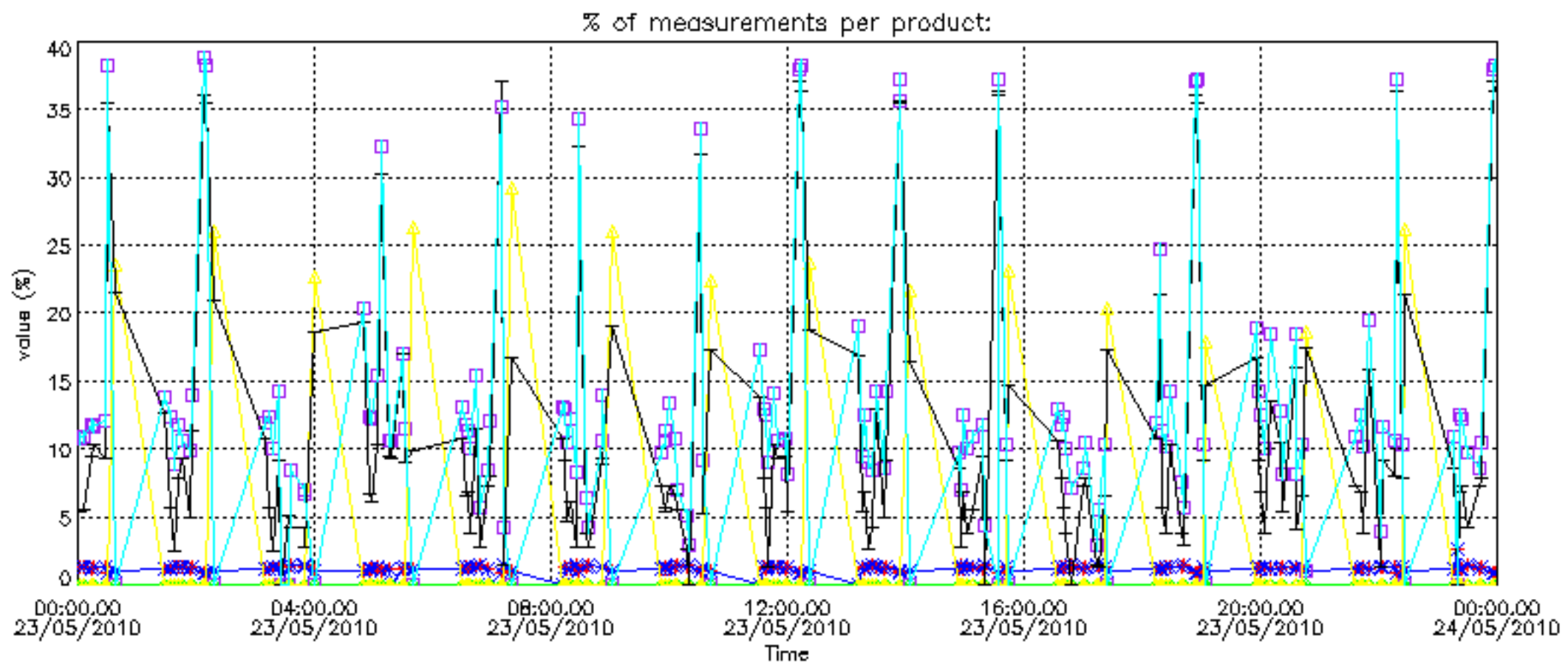
Percentage of flagged data per NO2 profile



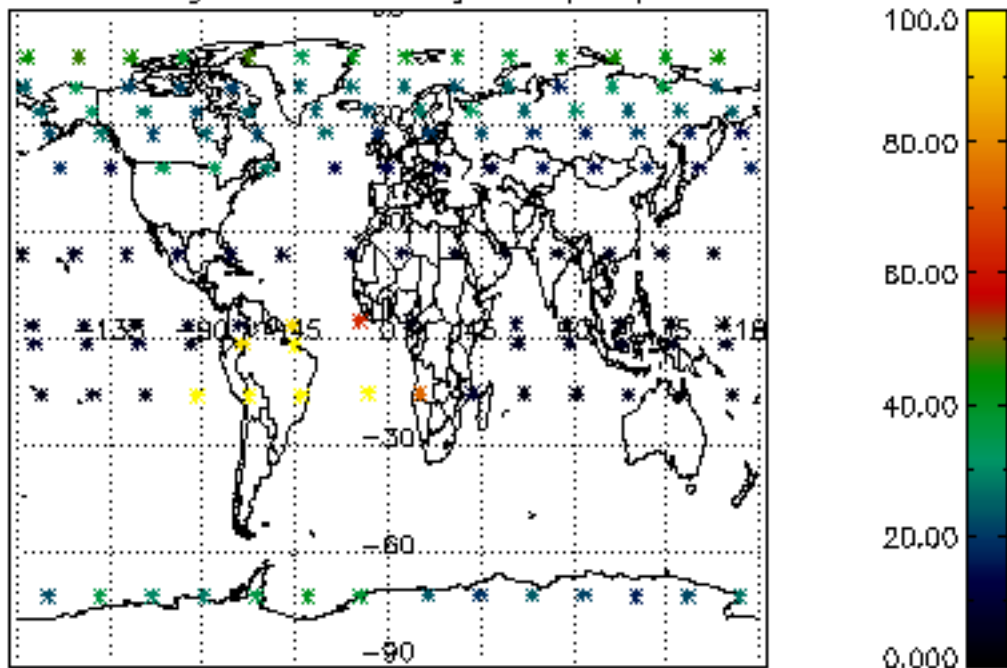
Percentage of flagged data per NO3 profile



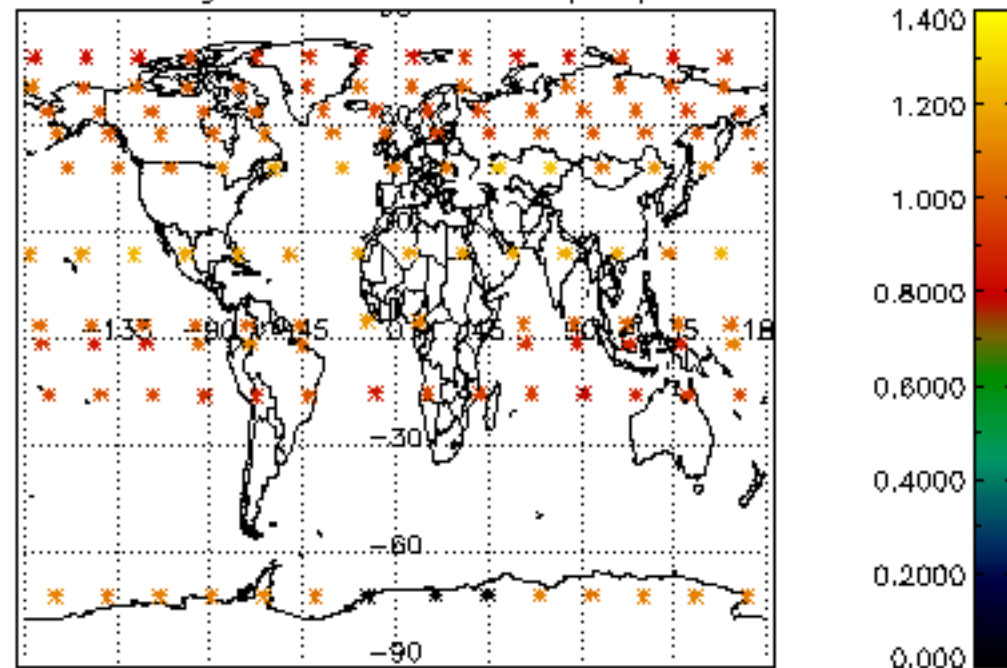




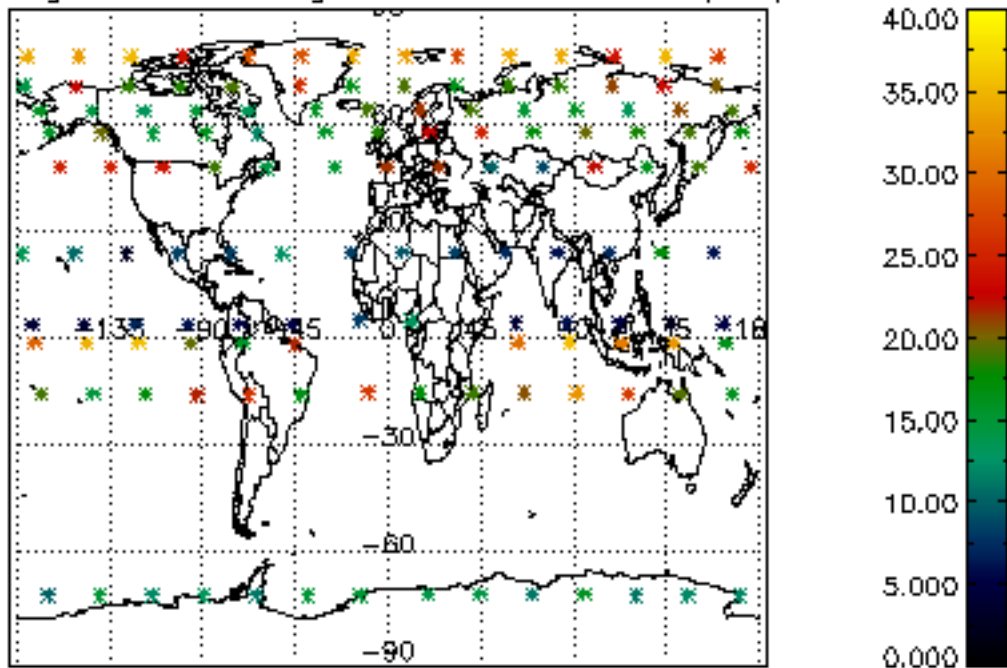
Percentage of cosmic ray hits per profile



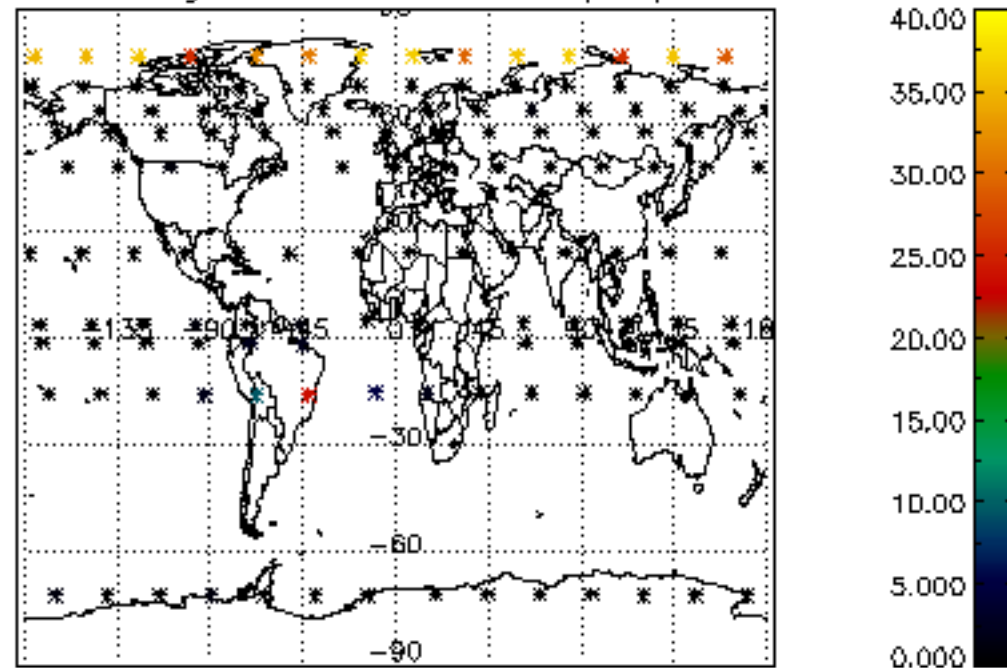
Percentage of datation errors per profile



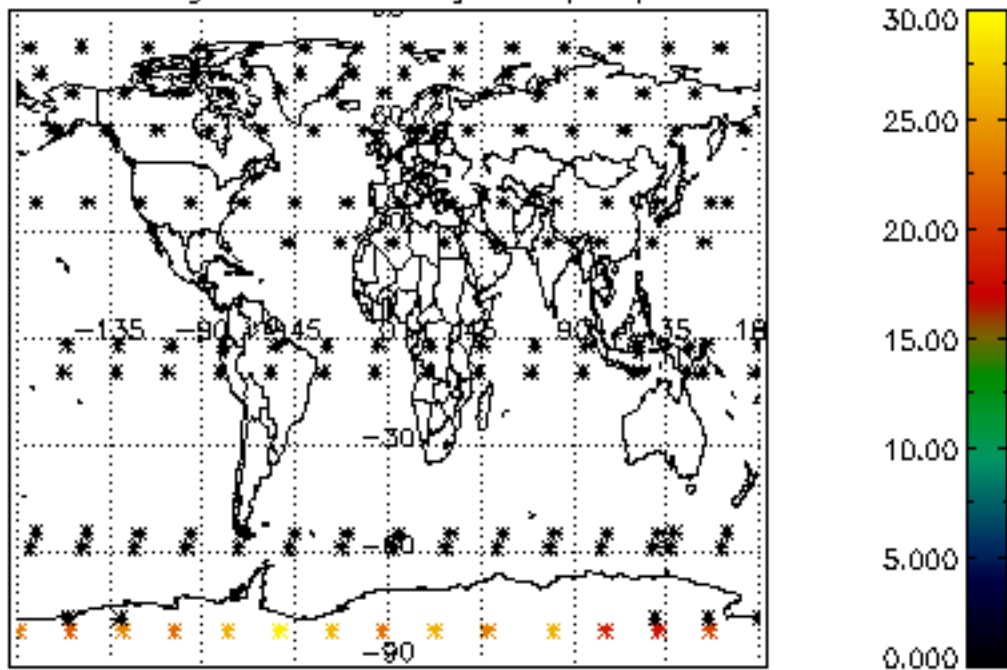
Percentage of star falling outside central band per profile



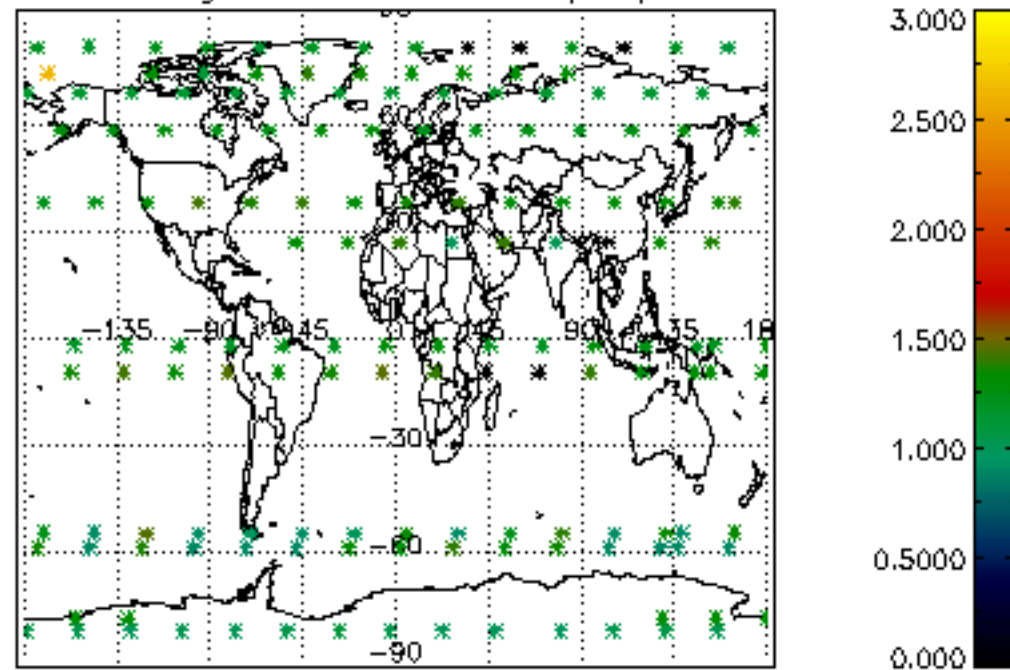
Percentage of saturation errors per profile



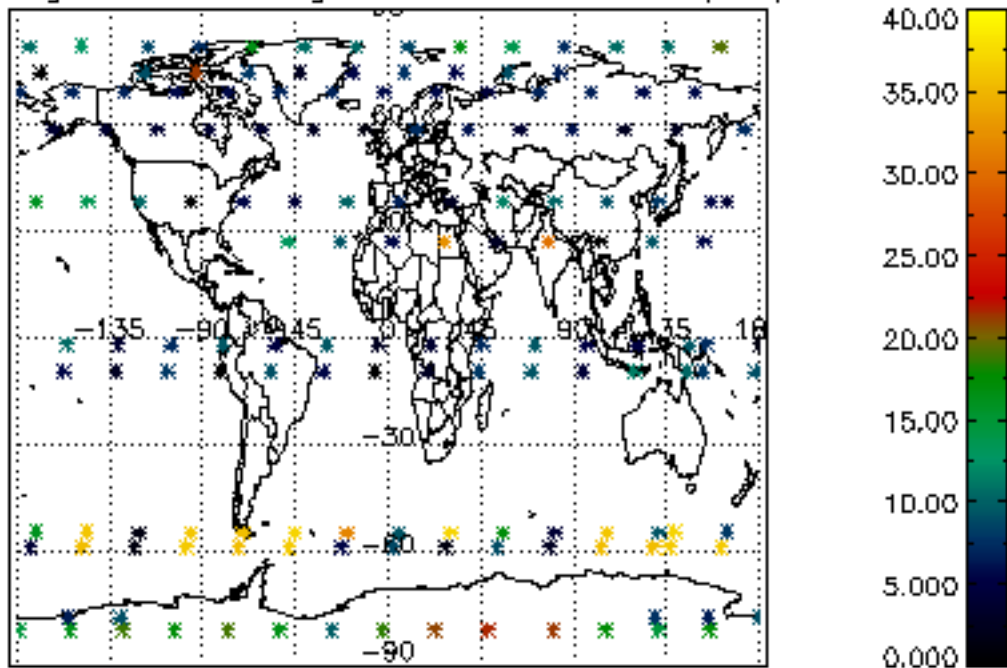
Percentage of cosmic ray hits per profile



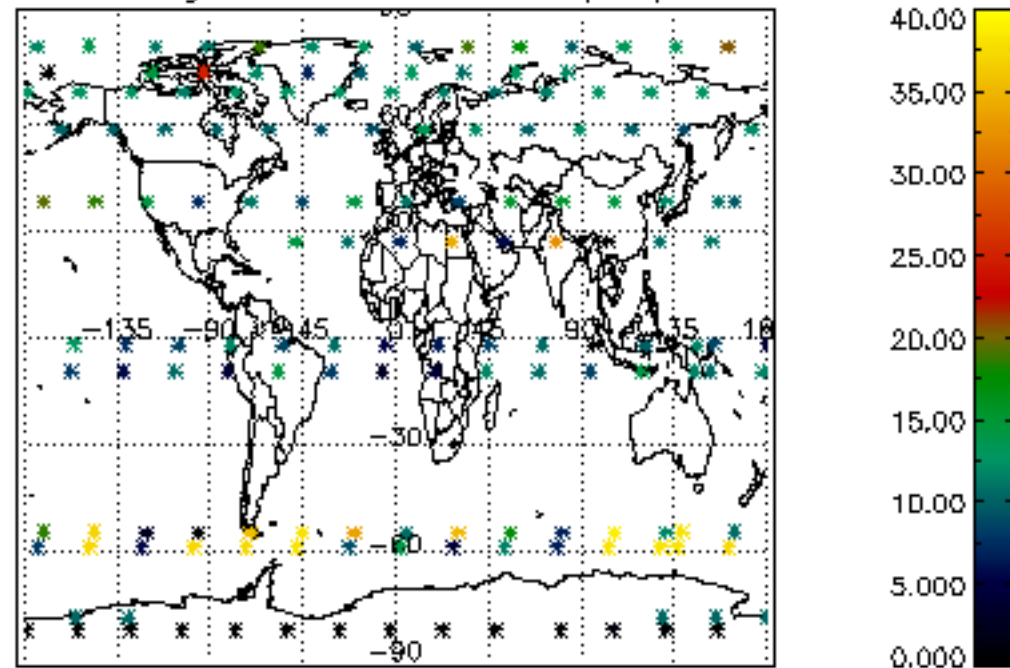
Percentage of datation errors per profile

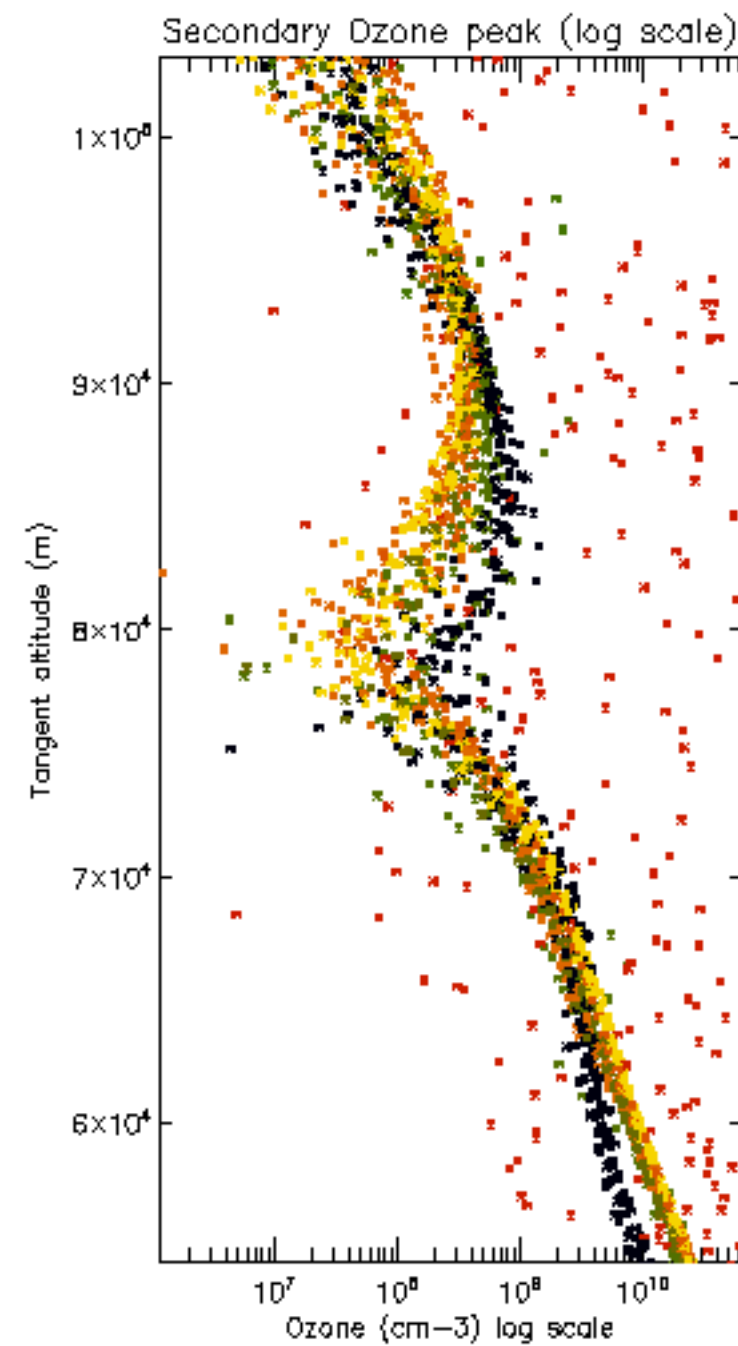
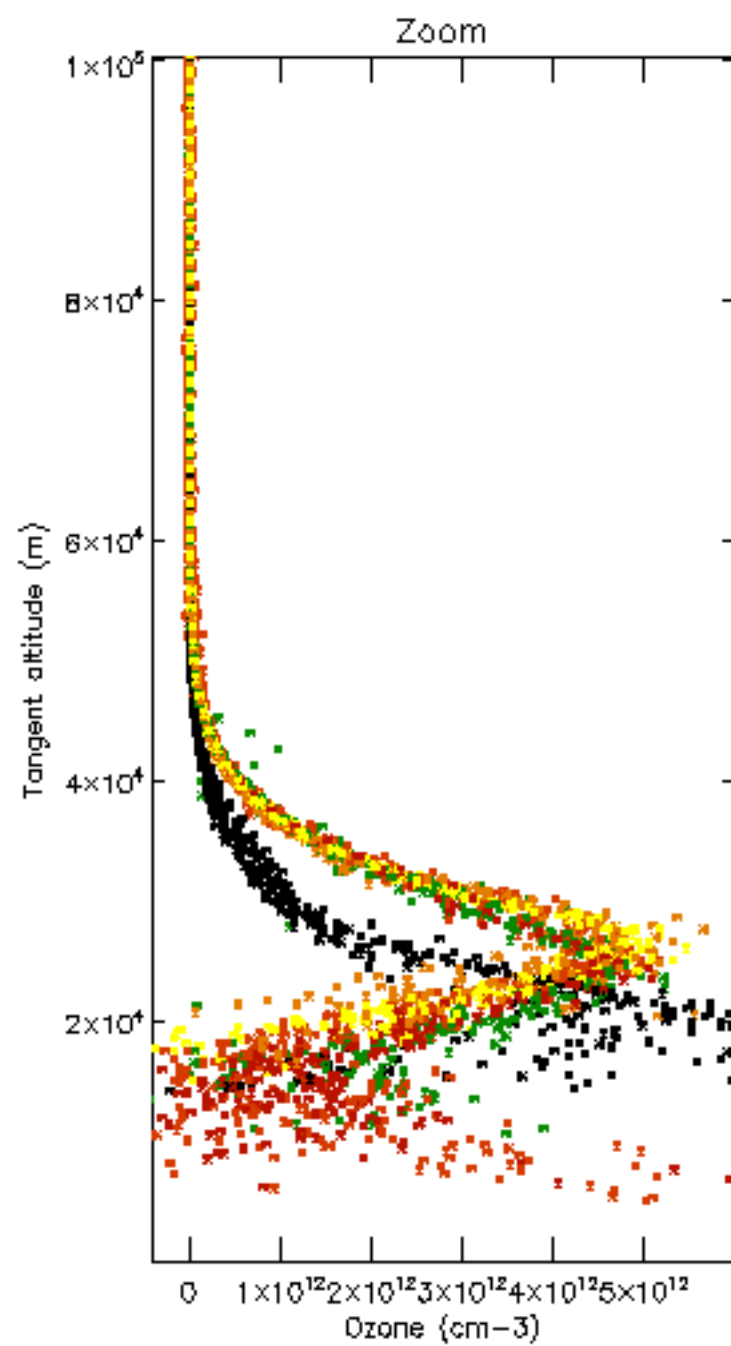
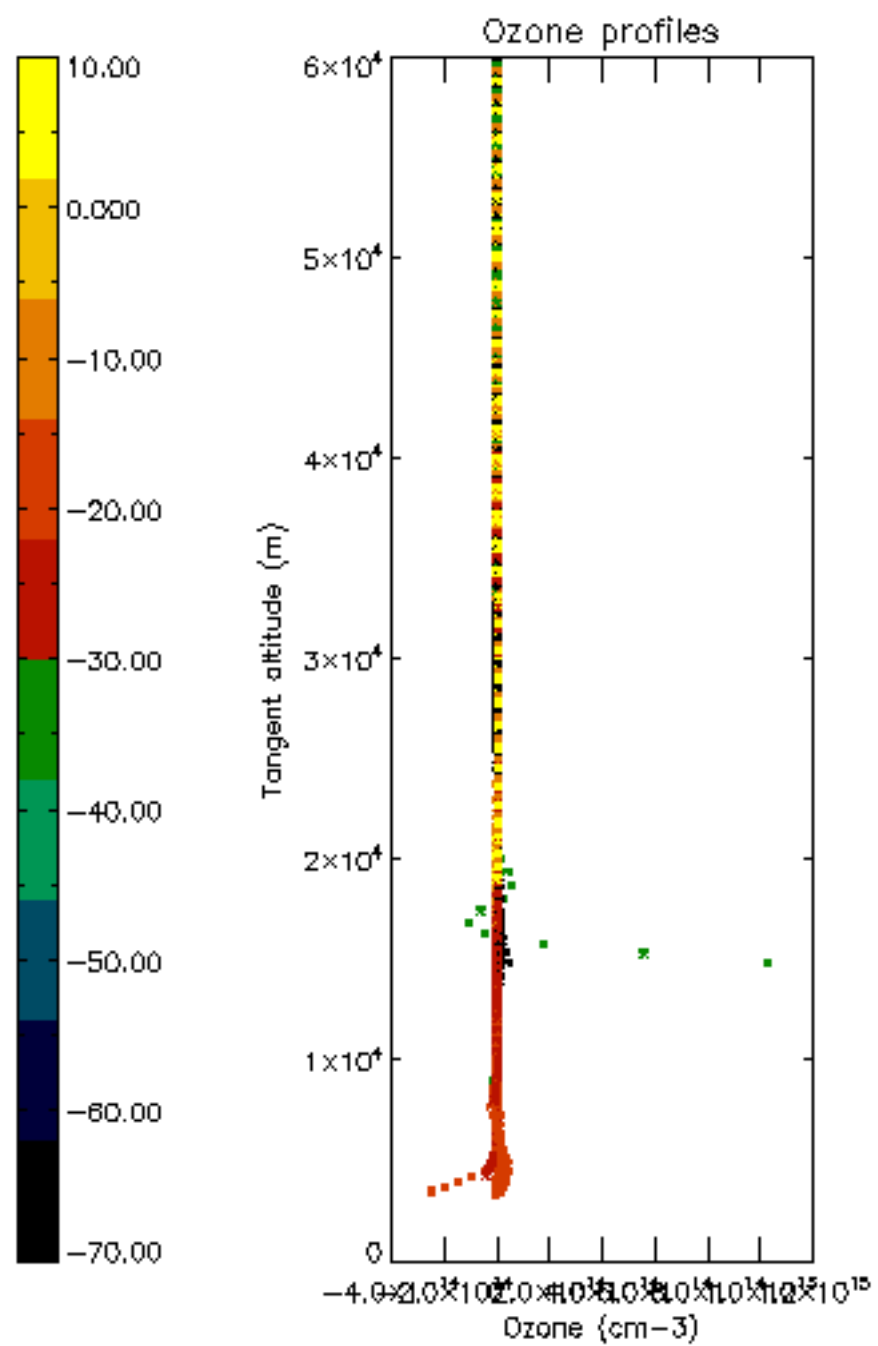


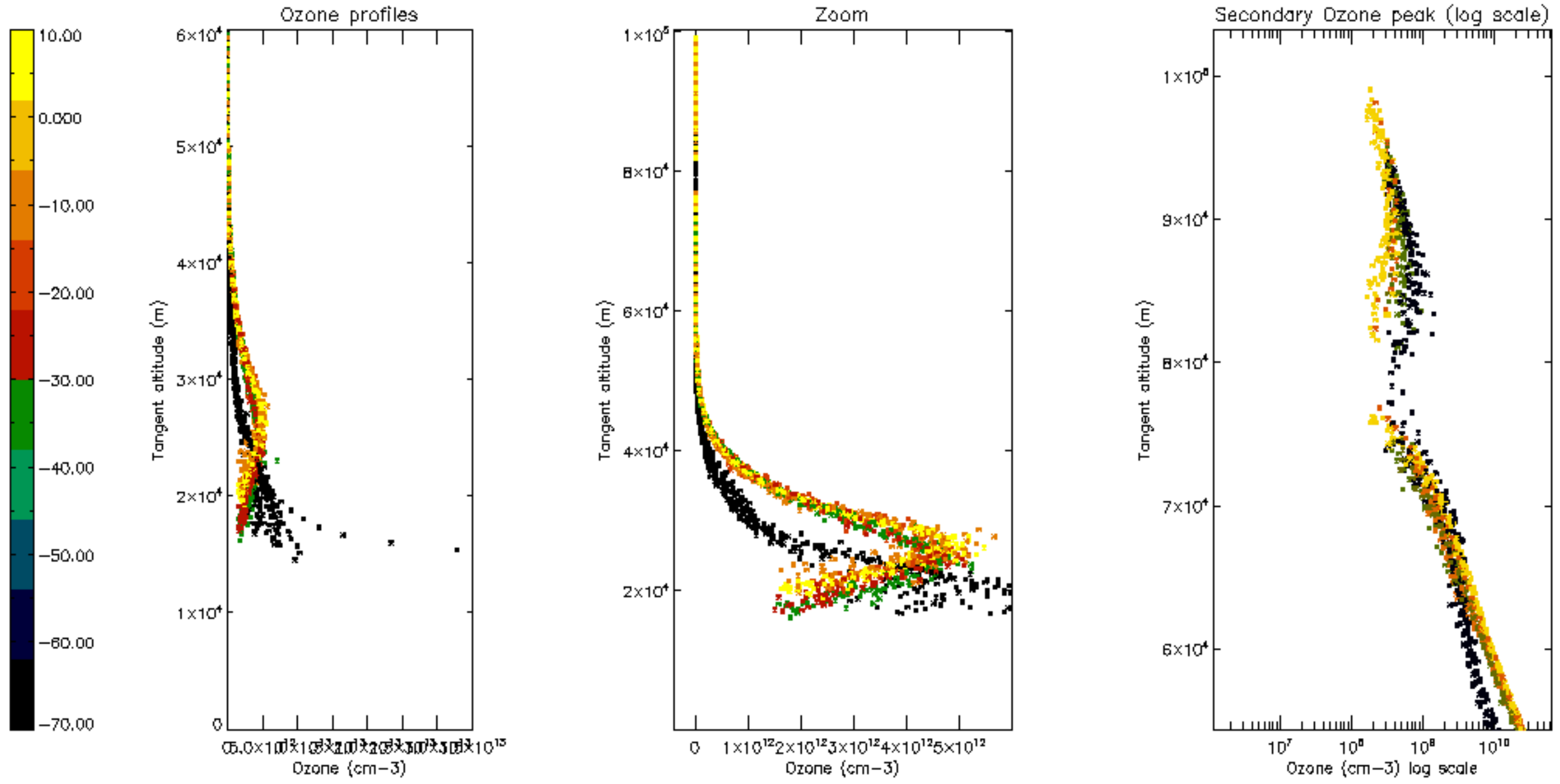
Percentage of star falling outside central band per profile

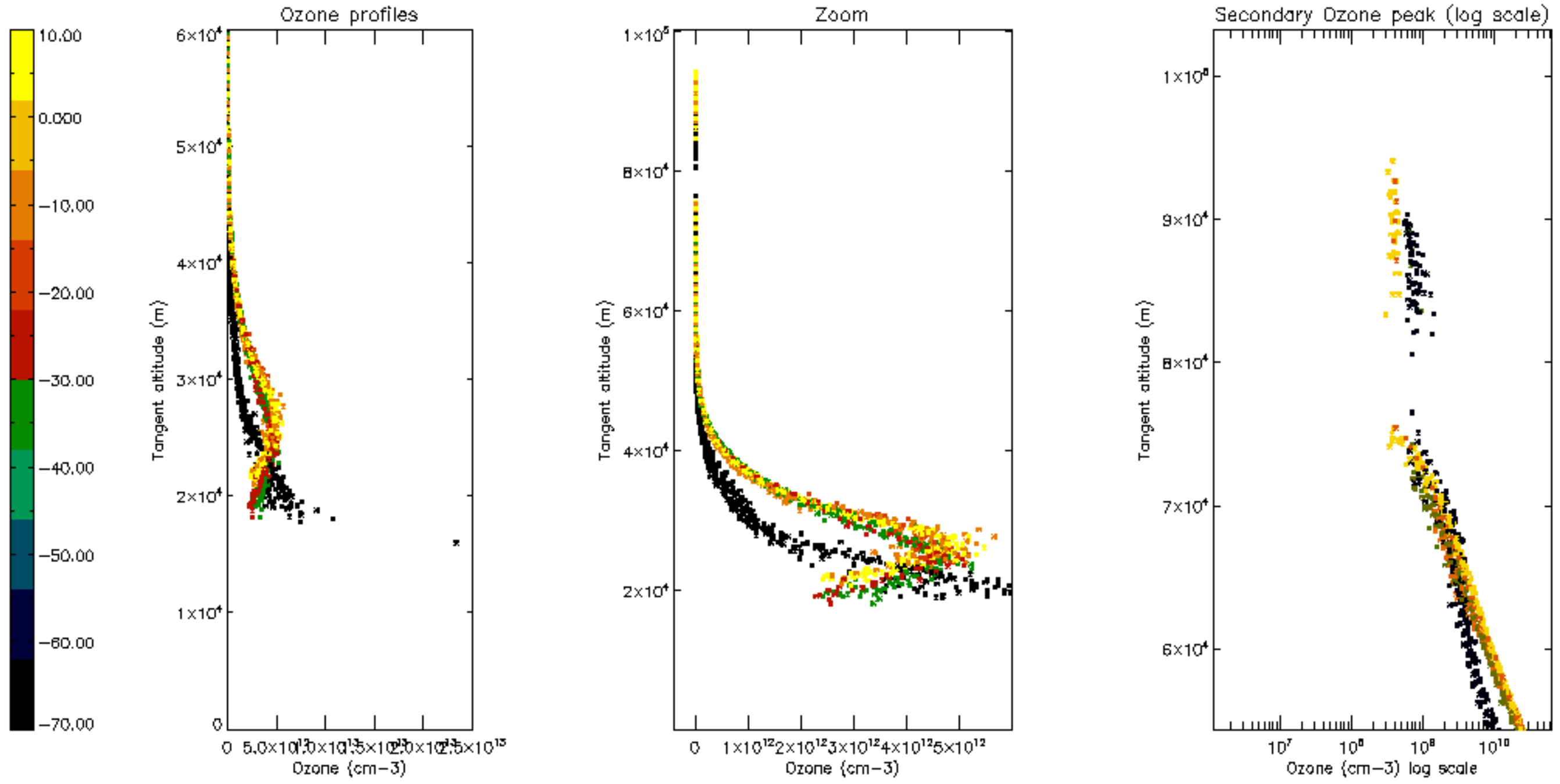


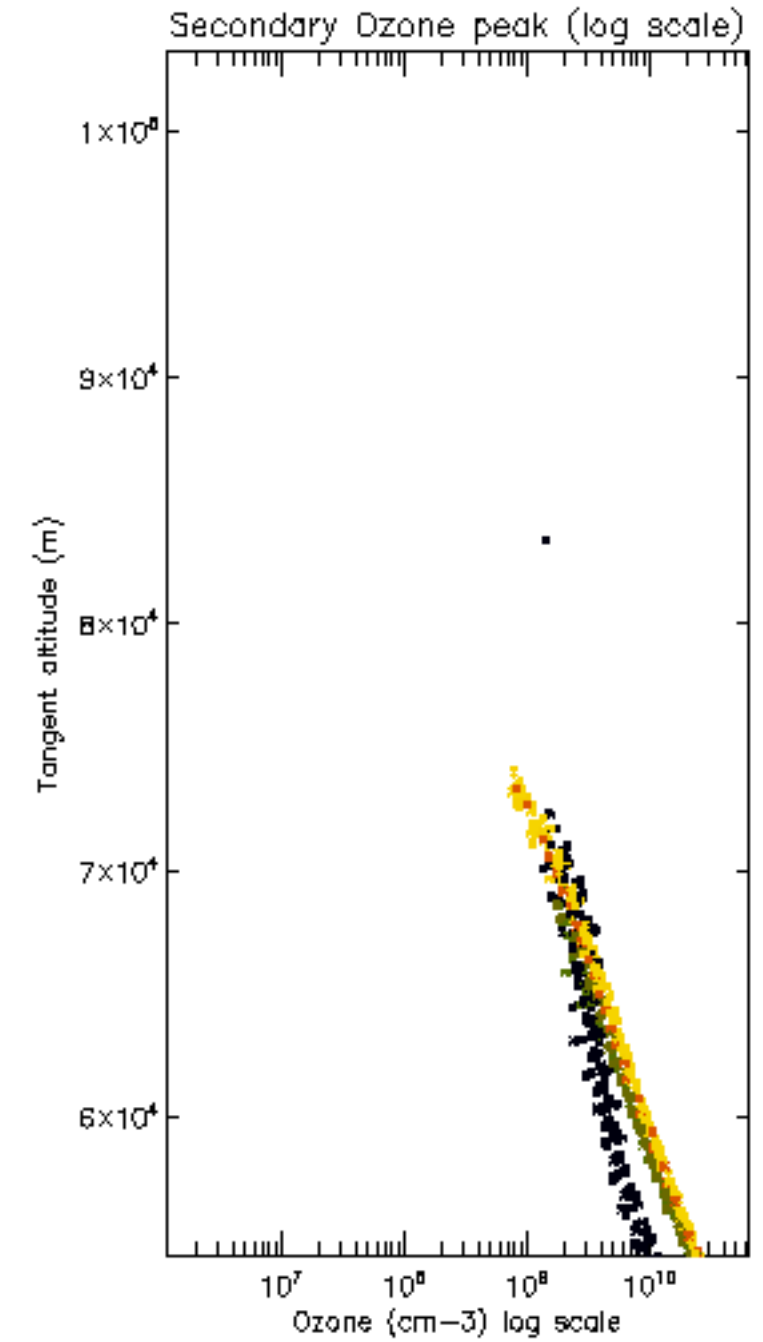
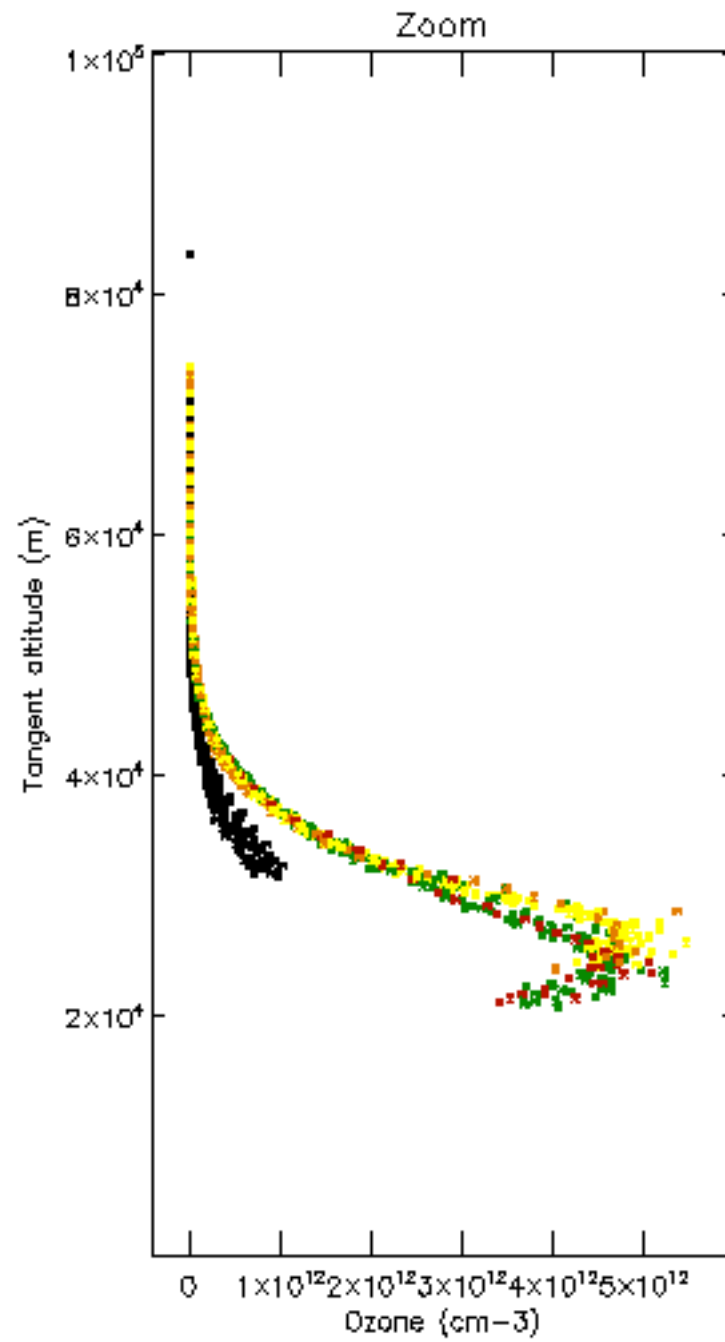
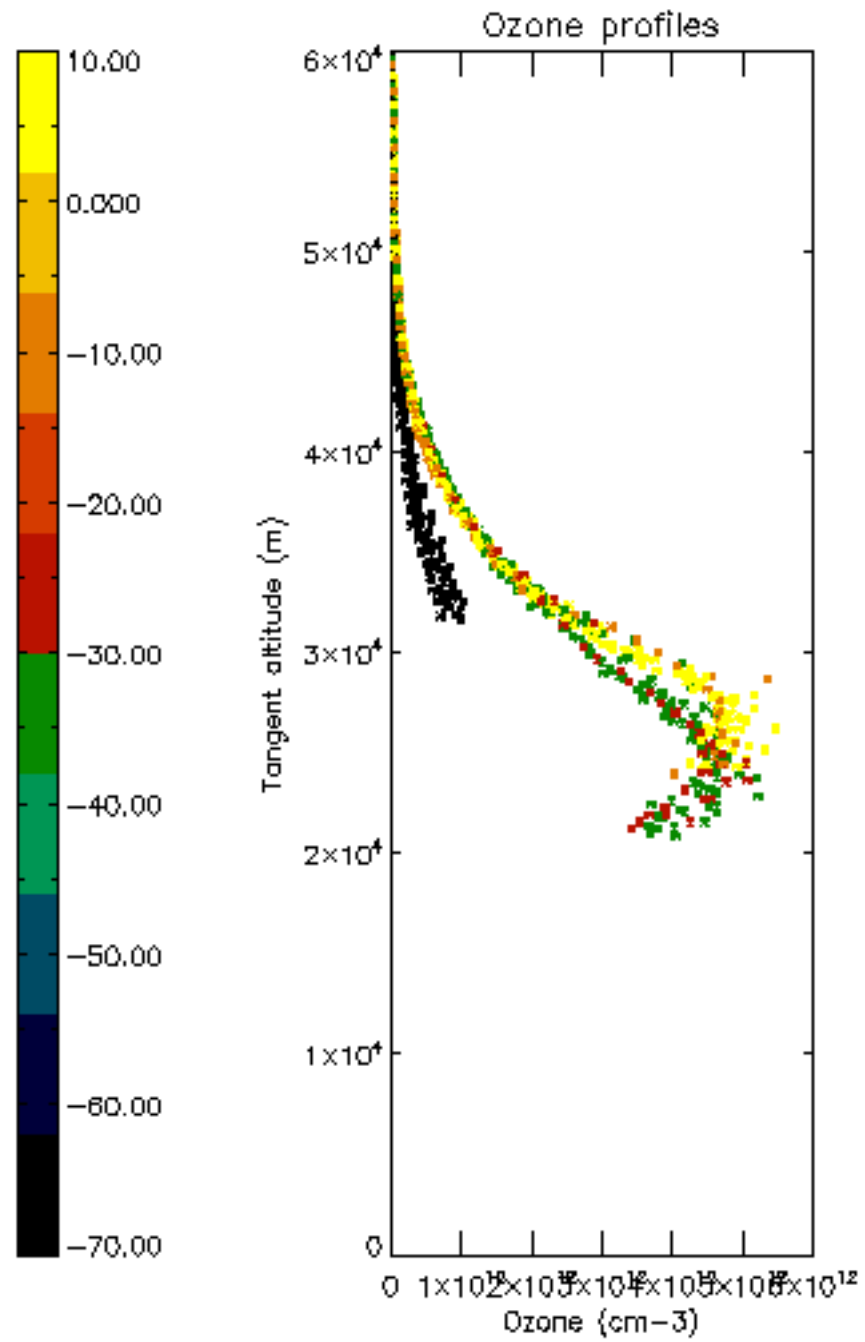
Percentage of saturation errors per profile

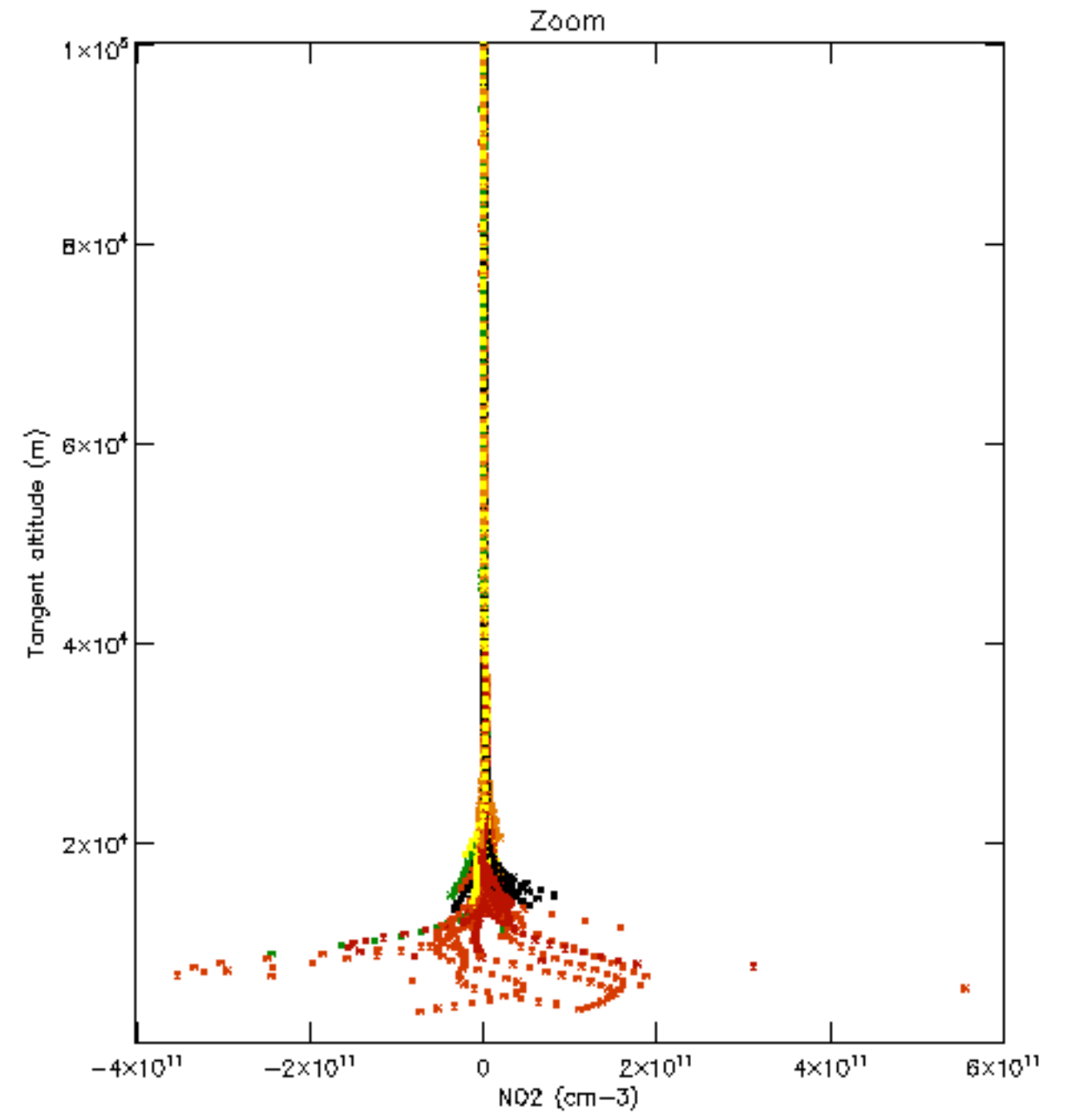
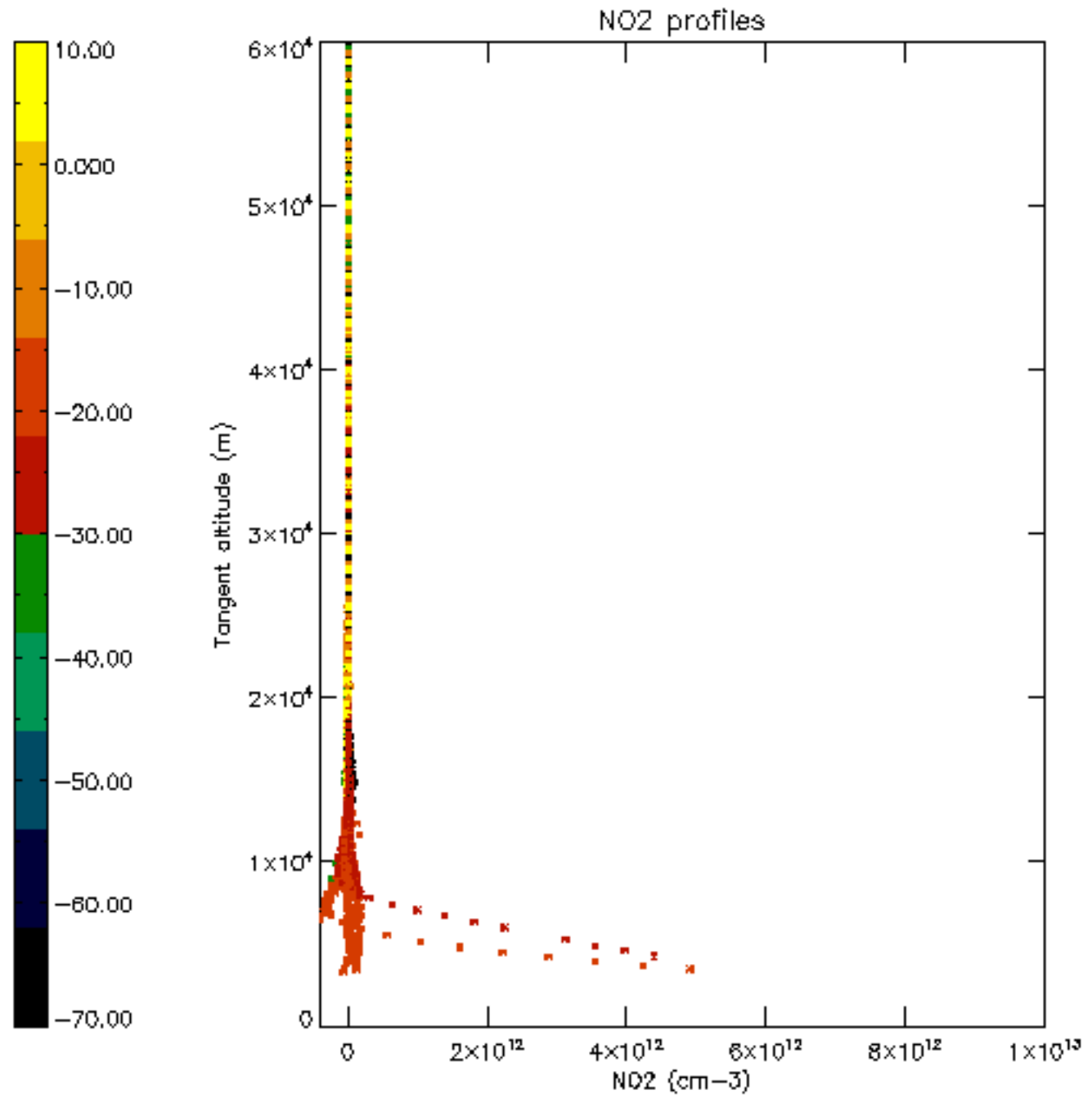


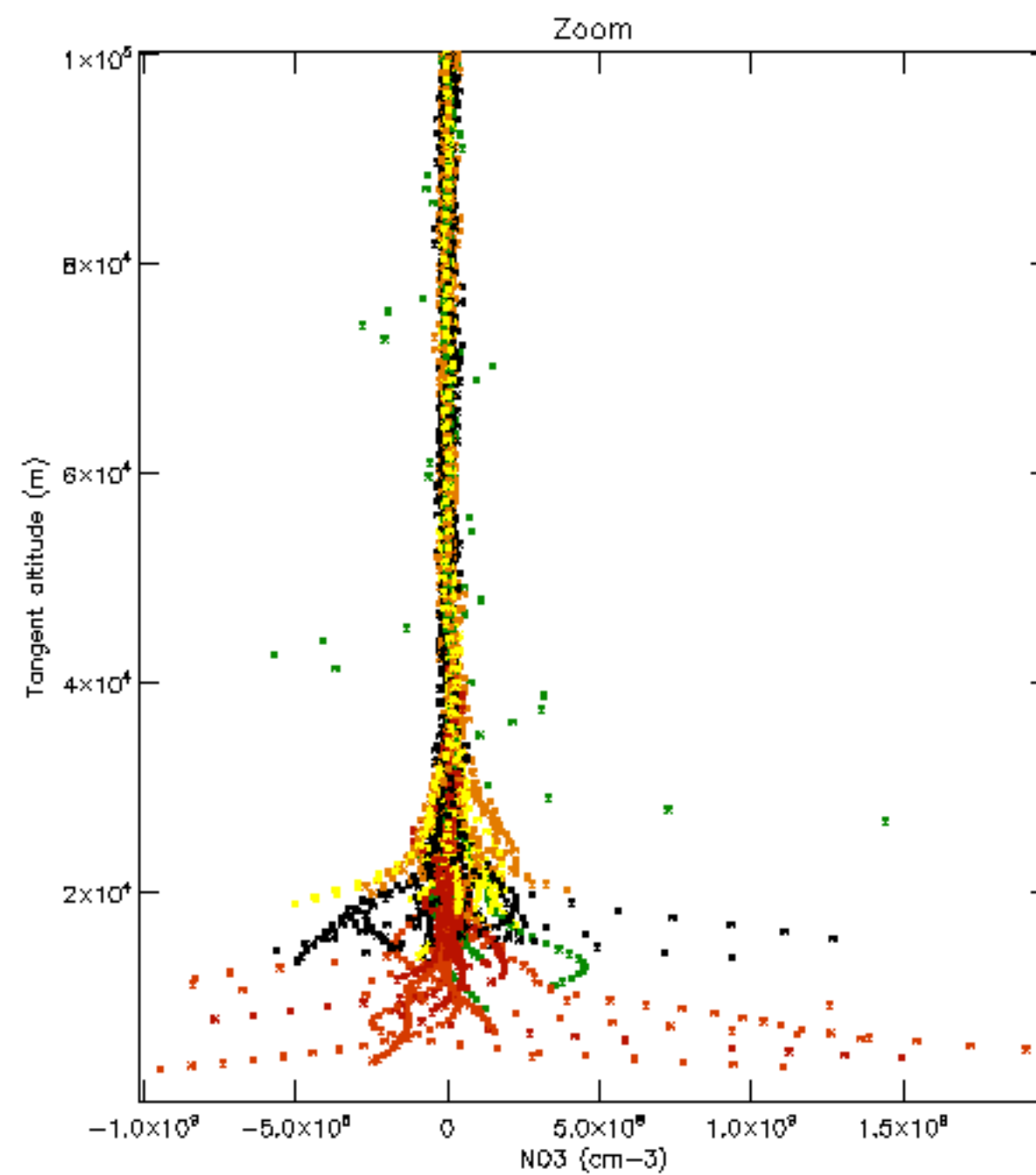
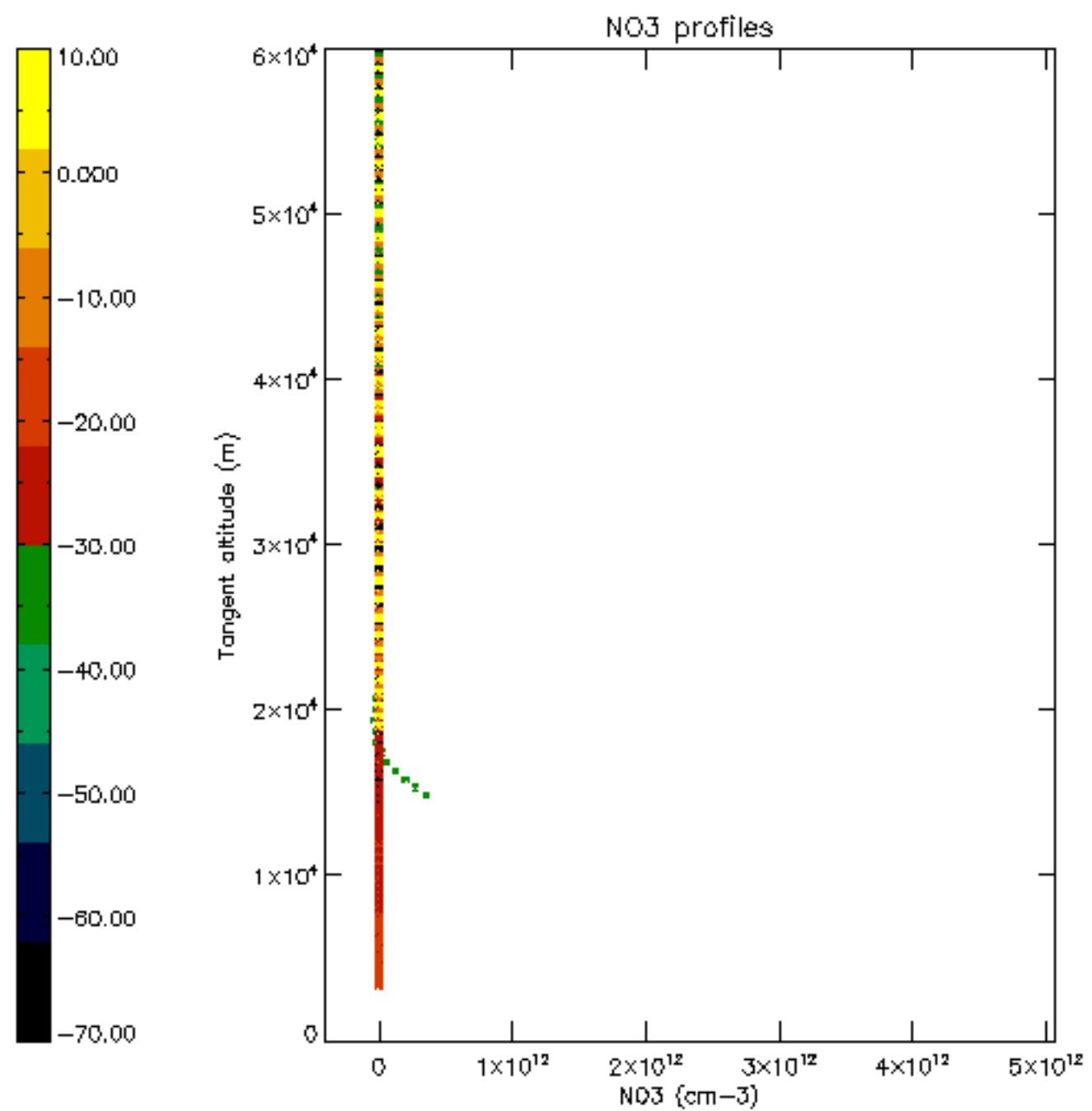


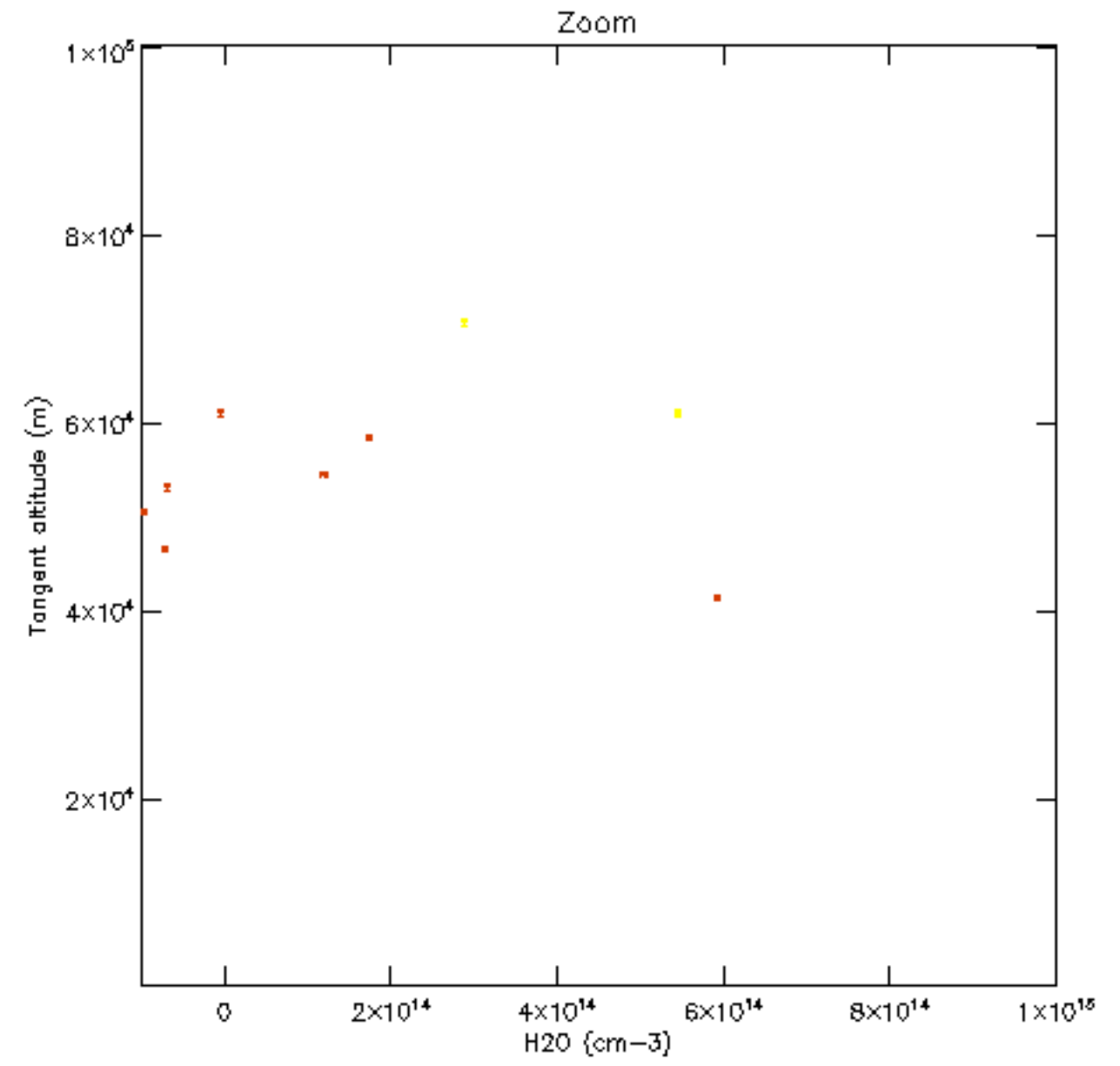
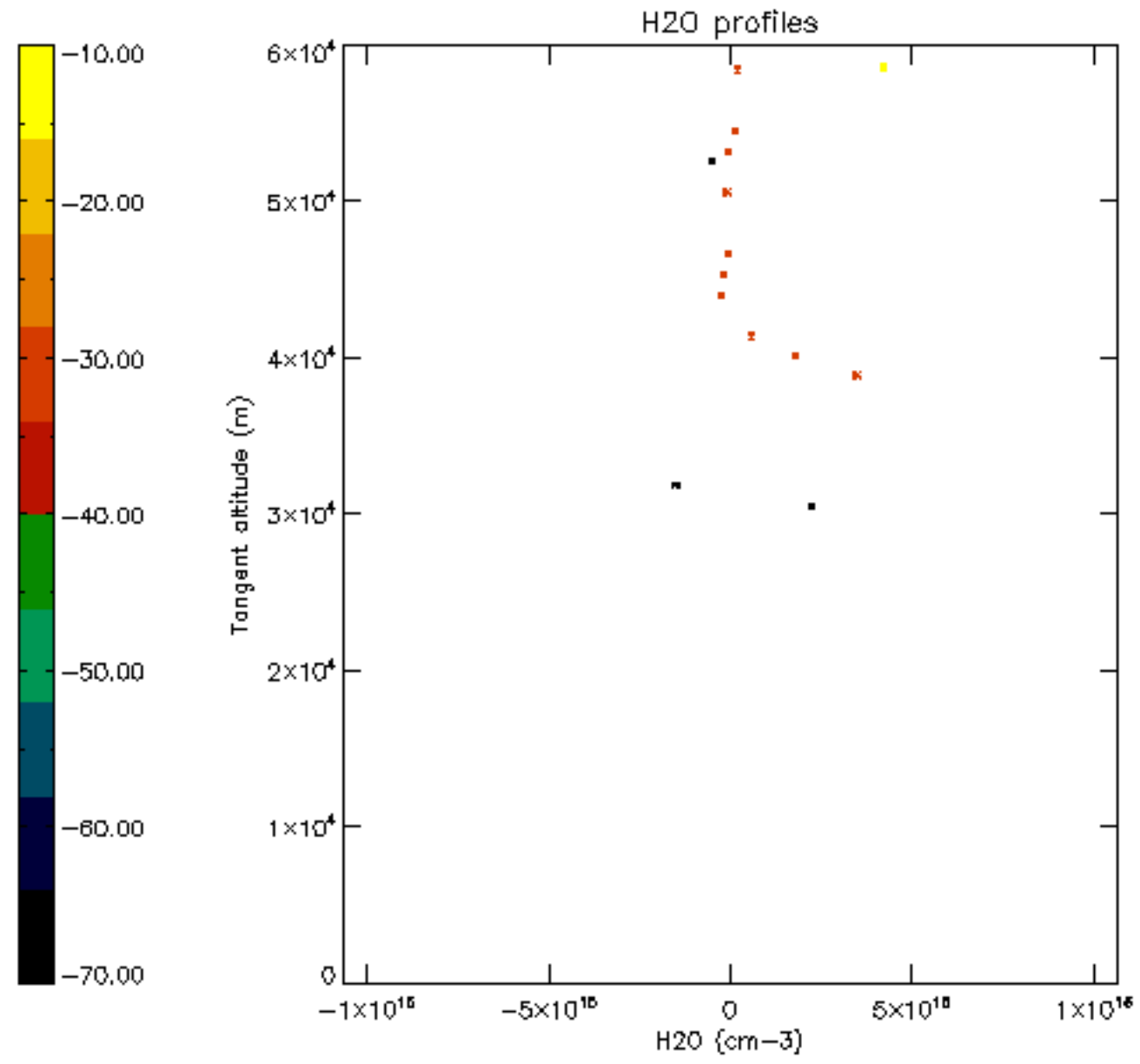


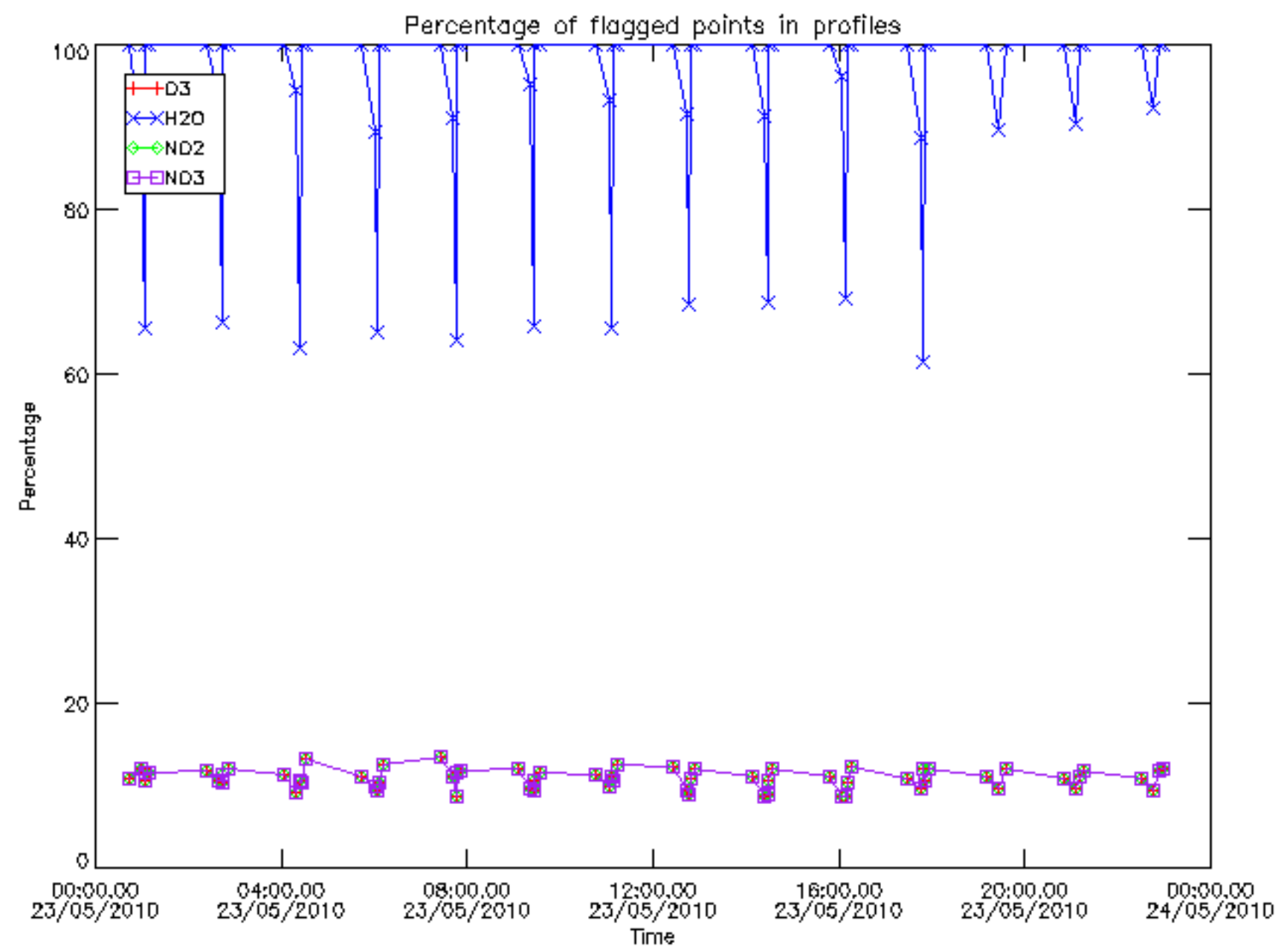




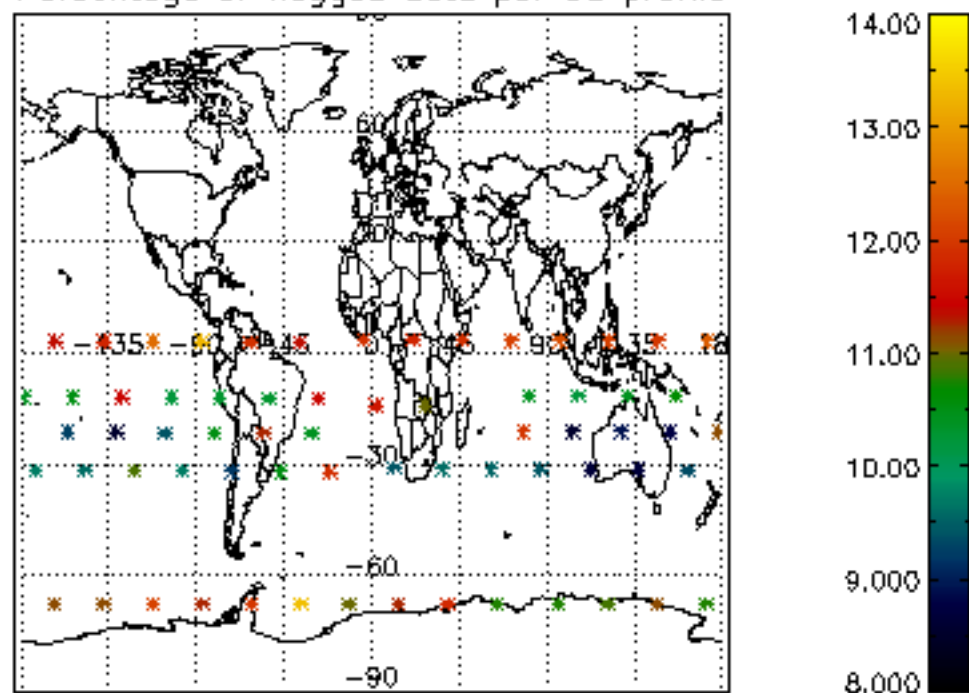




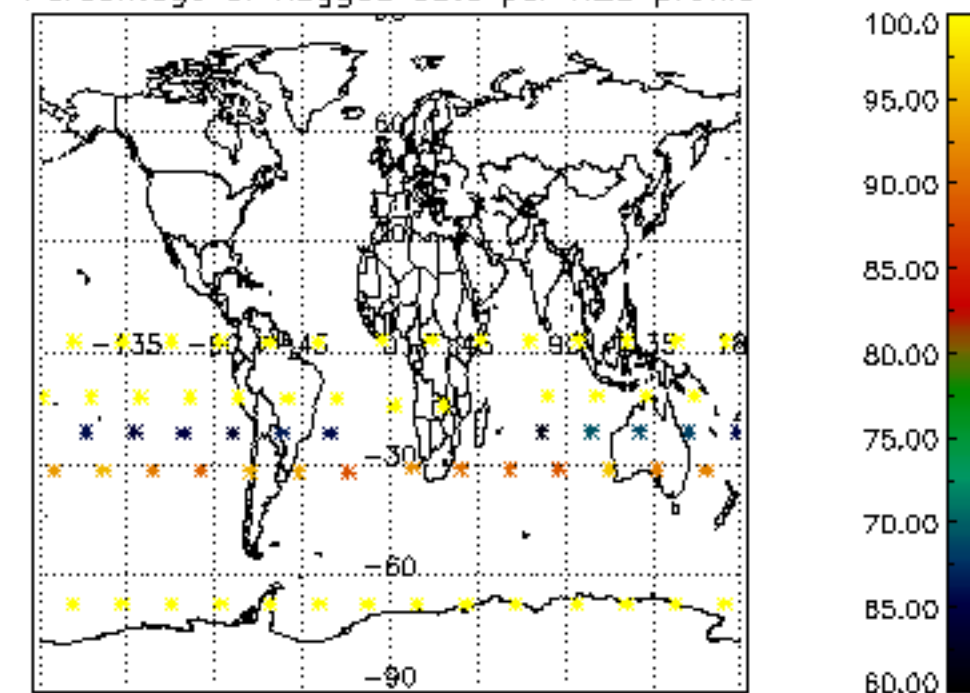




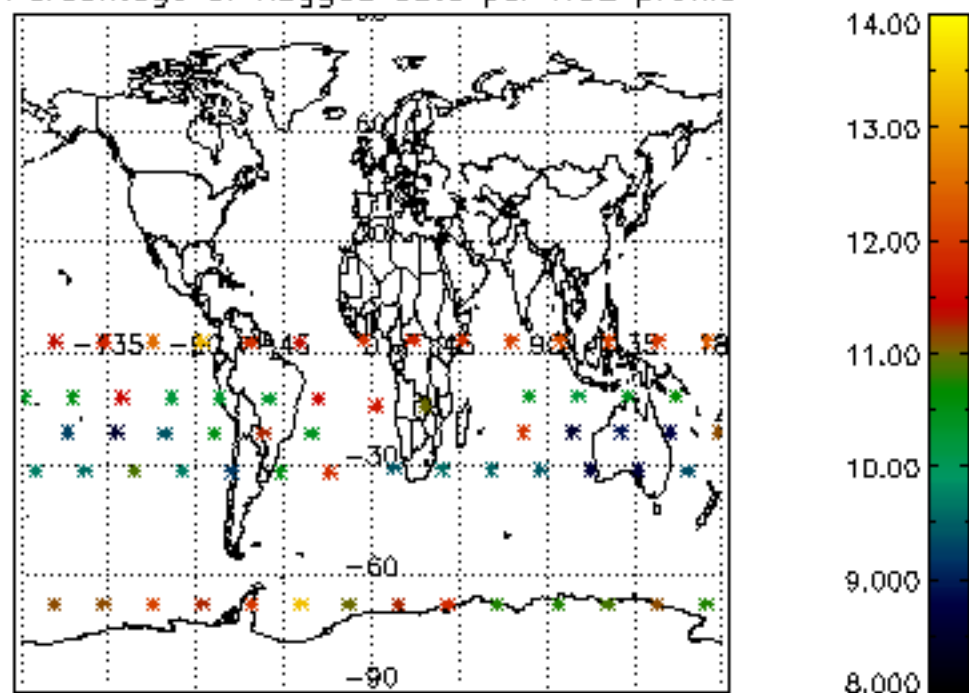
Percentage of flagged data per D3 profile



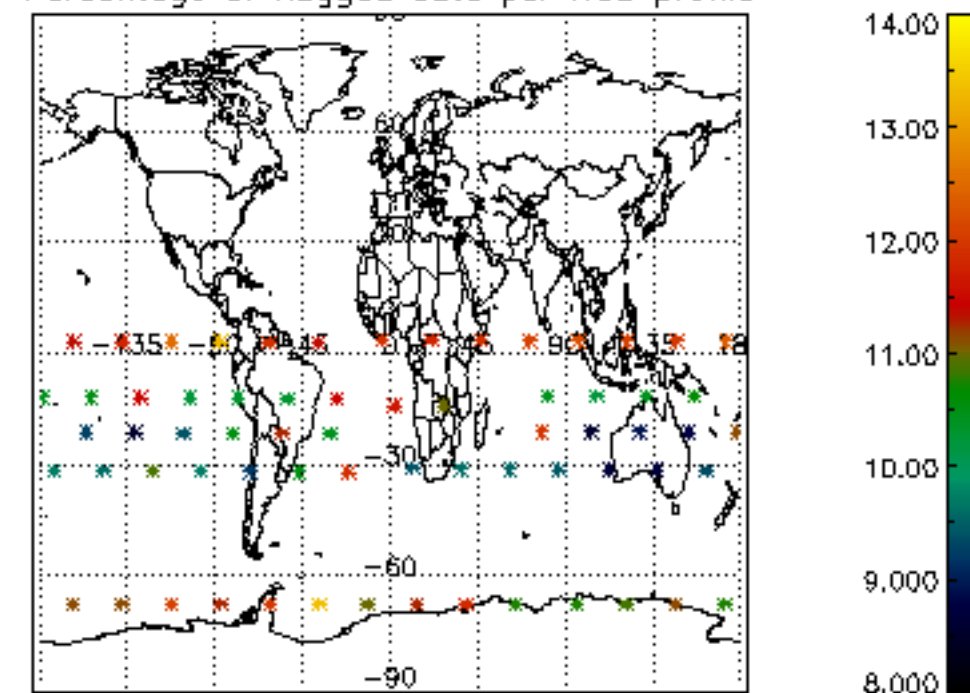
Percentage of flagged data per H2O profile

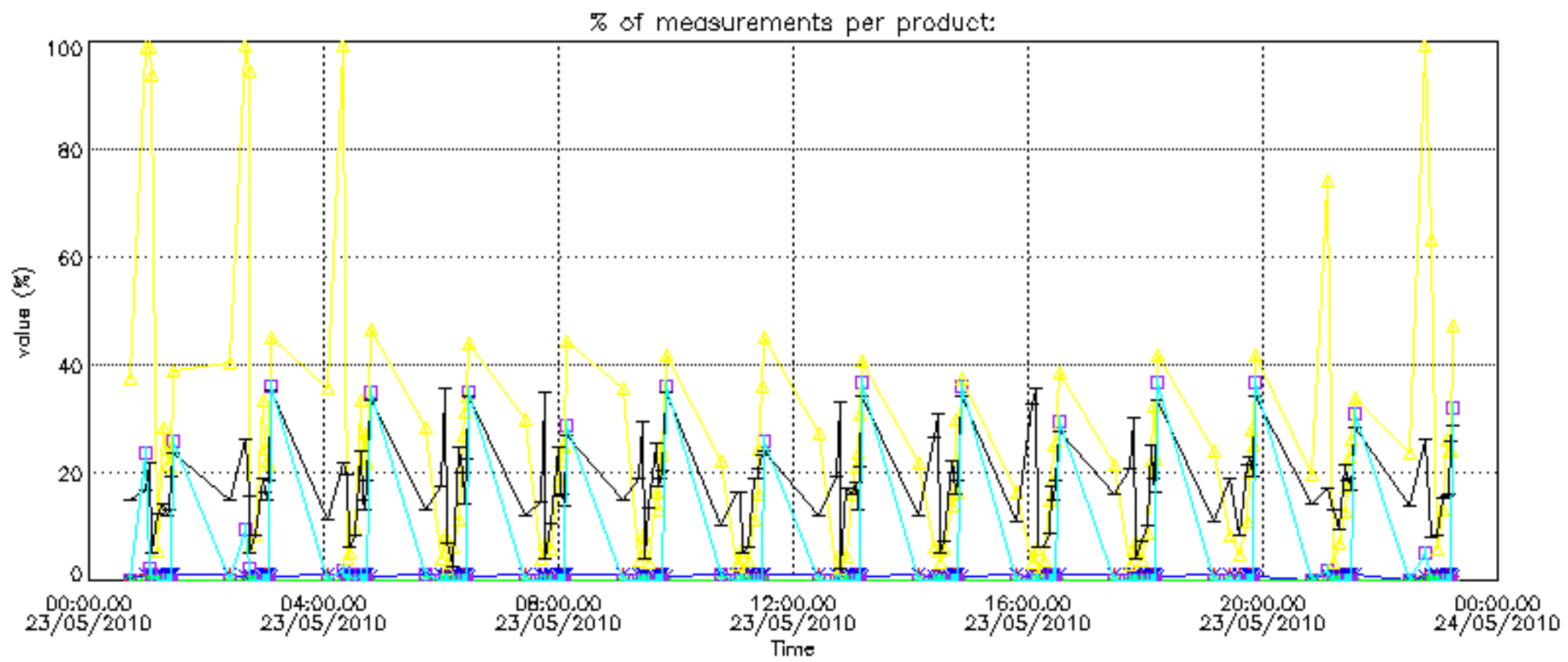


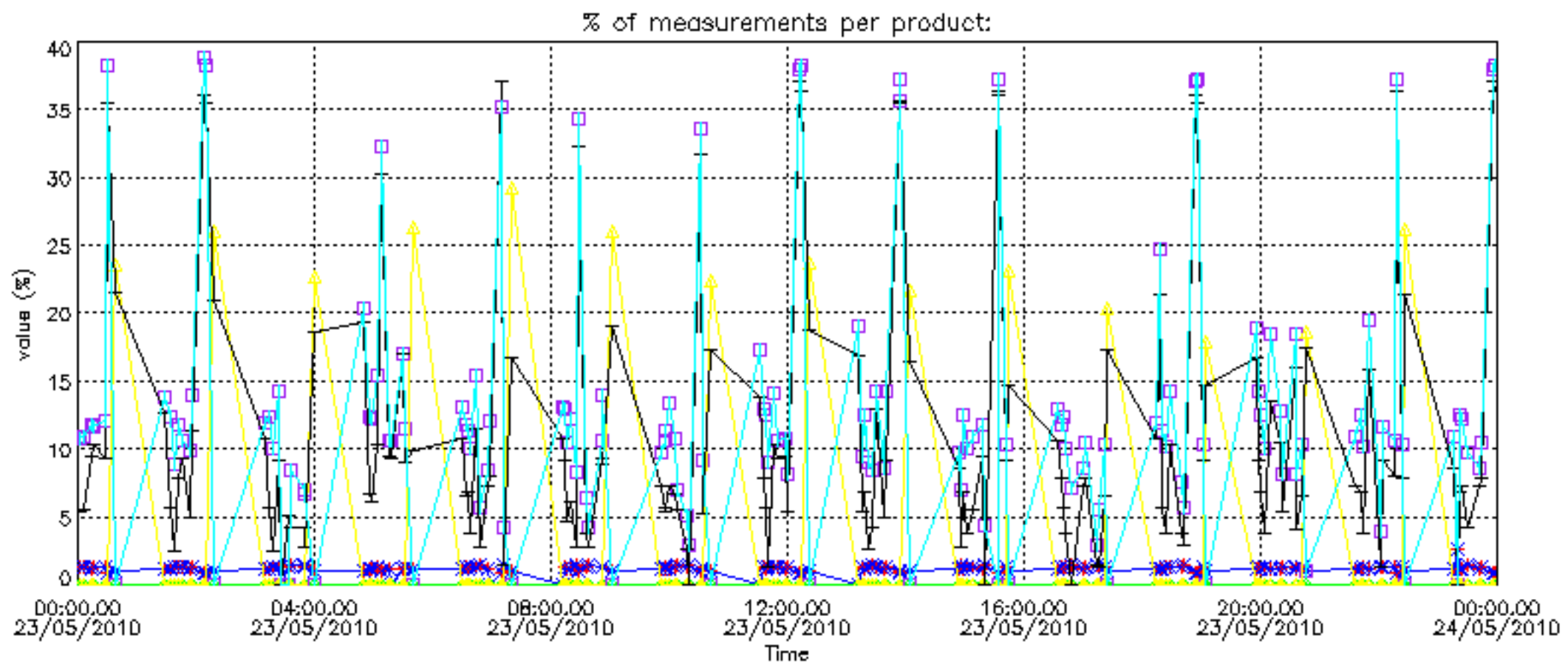
Percentage of flagged data per NO2 profile



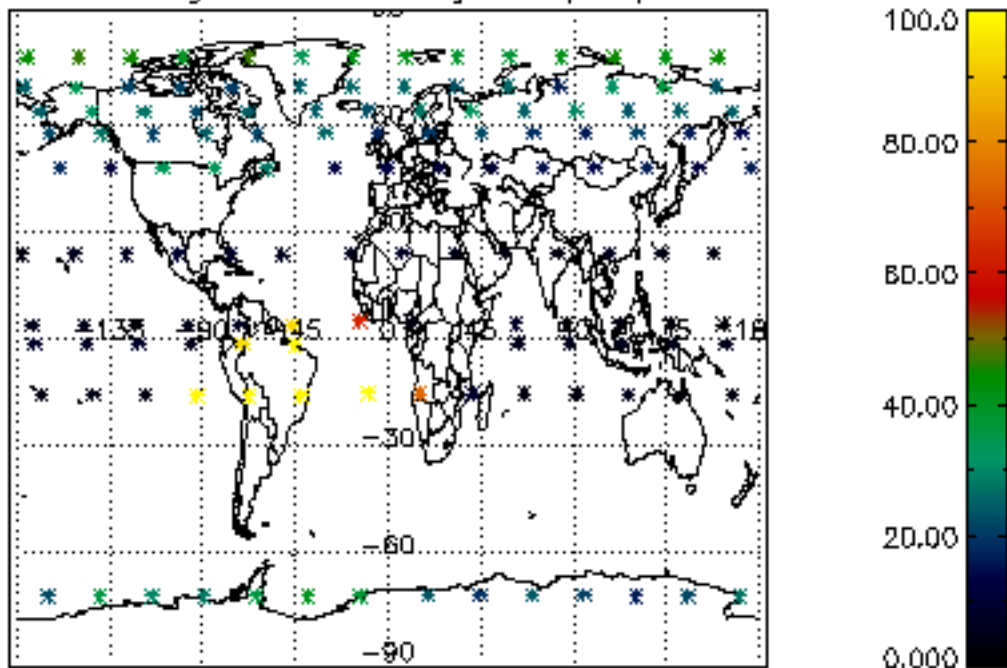
Percentage of flagged data per NO3 profile



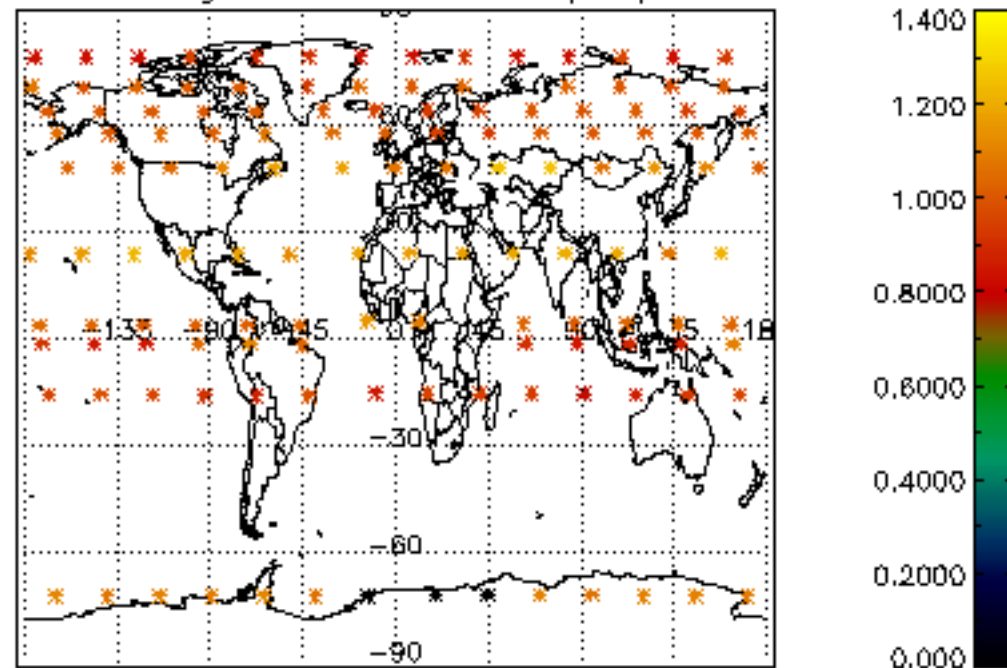




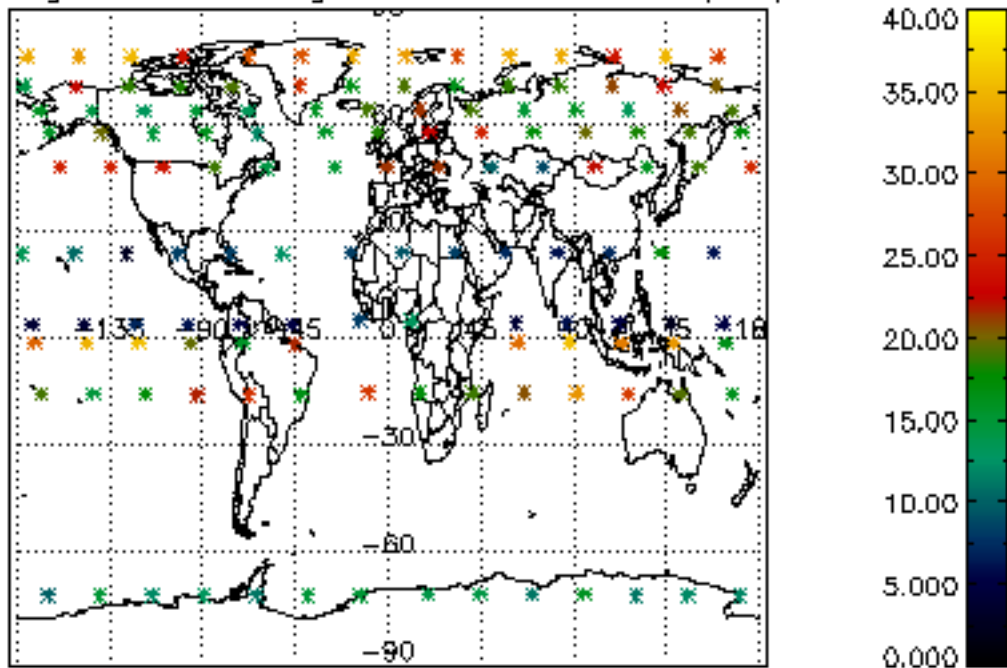
Percentage of cosmic ray hits per profile



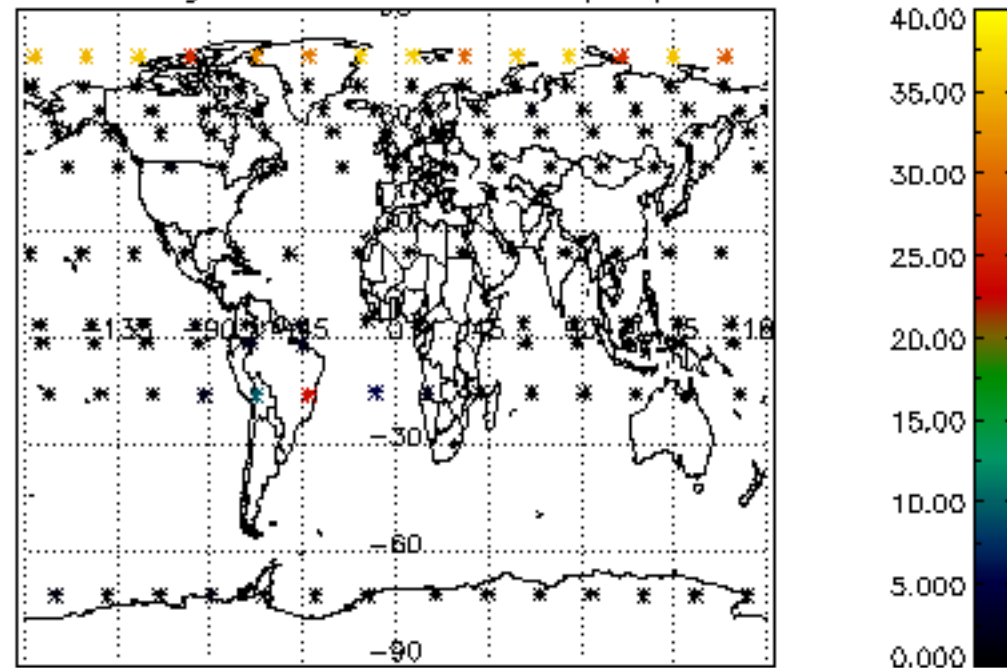
Percentage of datation errors per profile



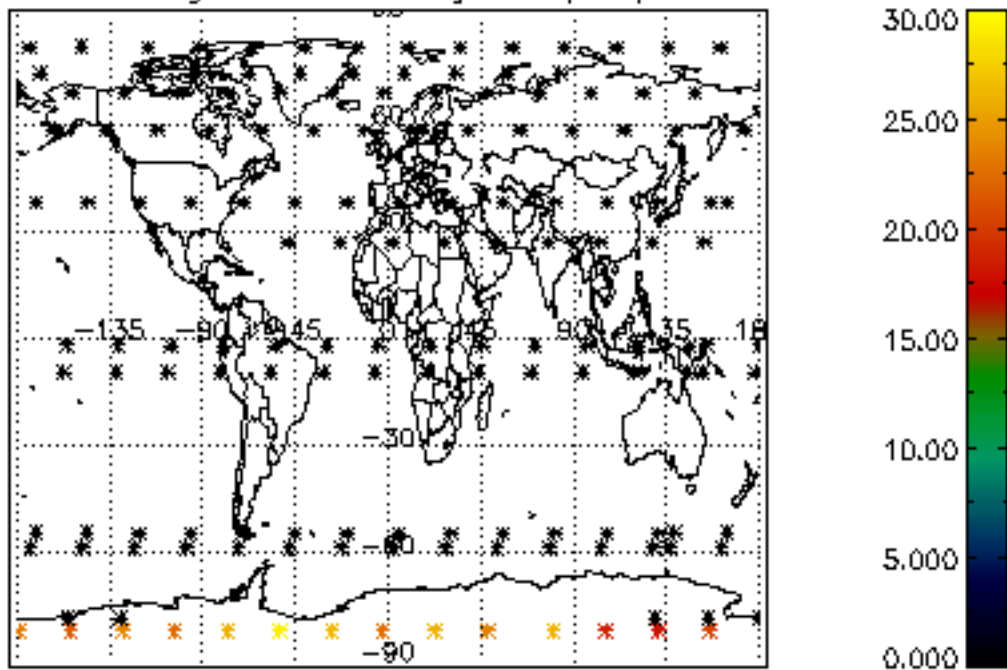
Percentage of star falling outside central band per profile



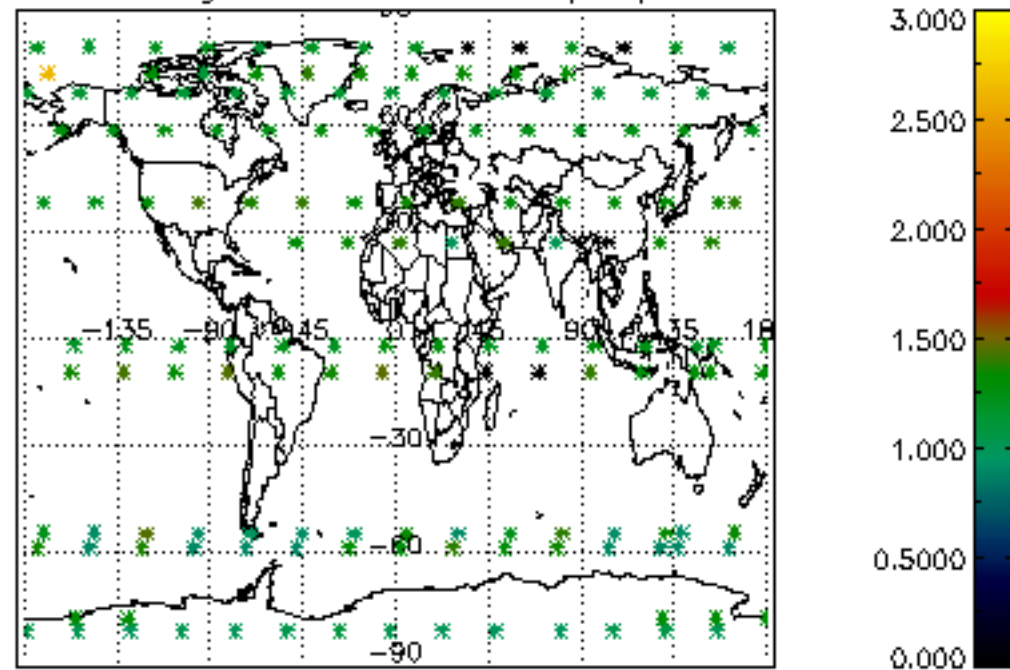
Percentage of saturation errors per profile



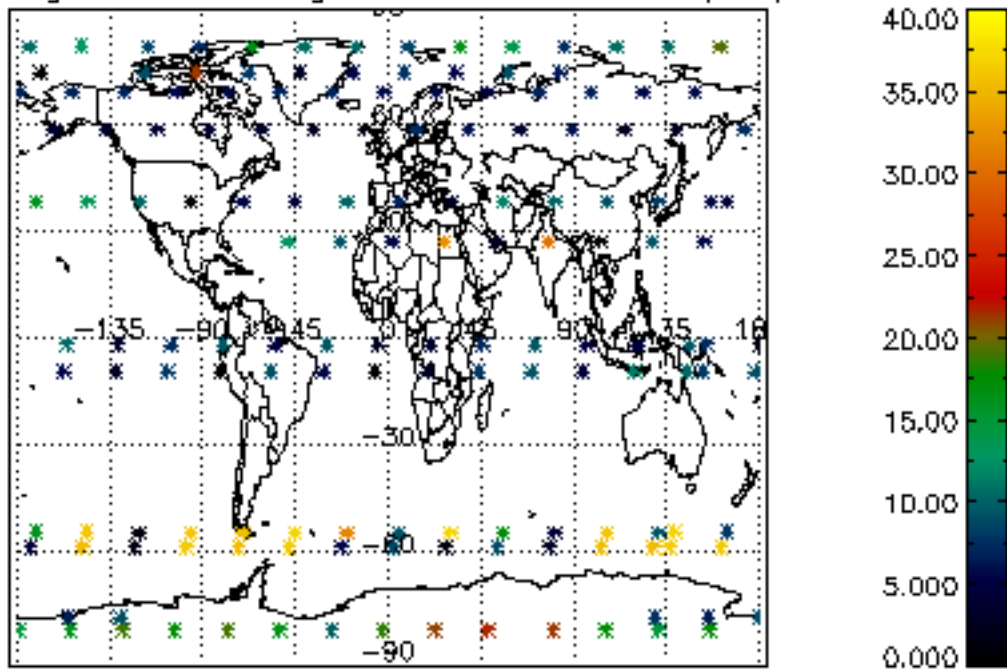
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

