

GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	26APR2013 17:34:46
Data source version	GOMOS/6.01
Start time of products	23-02-2010 (23FEB2010 00:00:00)
Stop time of products	24-02-2010 (24FEB2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	169
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__2PRFIN20100223_001131_000000442087_00102_41739_6334.N1	23-FEB-2010 00:11:31	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	41739	No
2	GOM_NL__2PRFIN20100223_001831_000000372087_00102_41739_6335.N1	23-FEB-2010 00:18:31	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	41739	No
3	GOM_NL__2PRFIN20100223_002757_000000602087_00102_41739_6336.N1	23-FEB-2010 00:27:57	Bright	60.000	69	33Gam Dra	2.2310	3800.0	120	41739	No
4	GOM_NL__2PRFIN20100223_003206_000000422087_00102_41739_6337.N1	23-FEB-2010 00:32:06	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	41739	No
5	GOM_NL__2PRFIN20100223_003920_000000372087_00102_41739_6338.N1	23-FEB-2010 00:39:20	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	41739	No
6	GOM_NL__2PRFIN20100223_005611_000000412087_00102_41739_6339.N1	23-FEB-2010 00:56:11	Dark	41.000	25	35Lam Sco	1.6200	28000.	82	41739	No
7	GOM_NL__2PRFIN20100223_005752_000000592087_00102_41739_6340.N1	23-FEB-2010 00:57:52	Dark	58.500	75	26Eps Sco	2.2910	4250.0	117	41739	No
8	GOM_NL__2PRFIN20100223_010805_000000452087_00103_41740_6337.N1	23-FEB-2010 01:08:05	Dark	45.000	10	Bet Cen	0.61000	28000.	90	41740	No
9	GOM_NL__2PRFIN20100223_011301_000000472087_00103_41740_6338.N1	23-FEB-2010 01:13:01	Dark	46.500	64	Gam Cen	2.2000	10600.	93	41740	No
10	GOM_NL__2PRFIN20100223_011633_000000412087_00103_41740_6339.N1	23-FEB-2010 01:16:33	Straylight	40.500	113	Mu Vel	2.6920	5000.0	81	41740	No
11	GOM_NL__2PRFIN20100223_012930_000000482087_00103_41740_6340.N1	23-FEB-2010 01:29:30	Twilight_and_stray	48.000	48	30Alp Hya	1.9770	4100.0	96	41740	No
12	GOM_NL__2PRFIN20100223_013929_000000432087_00103_41740_6341.N1	23-FEB-2010 01:39:29	Bright	43.000	166	17Eps Leo	2.9800	6000.0	86	41740	No
13	GOM_NL__2PRFIN20100223_015206_000000562087_00103_41740_6342.N1	23-FEB-2010 01:52:06	Bright	55.500	36	50Alp UMa	1.8000	6300.0	111	41740	No
14	GOM_NL__2PRFIN20100223_015907_000000432087_00103_41740_6343.N1	23-FEB-2010 01:59:07	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	41740	No
15	GOM_NL__2PRFIN20100223_020833_000000542087_00103_41740_6344.N1	23-FEB-2010 02:08:33	Bright	53.500	69	33Gam Dra	2.2310	3800.0	107	41740	No
16	GOM_NL__2PRFIN20100223_021242_000000442087_00103_41740_6345.N1	23-FEB-2010 02:12:42	Bright	44.000	5	3Alp Lyr	0.033000	11000.	88	41740	No
17	GOM_NL__2PRFIN20100223_023648_000000422087_00103_41740_6346.N1	23-FEB-2010 02:36:48	Dark	41.500	25	35Lam Sco	1.6200	28000.	83	41740	No
18	GOM_NL__2PRFIN20100223_023829_000000492087_00103_41740_6347.N1	23-FEB-2010 02:38:29	Dark	49.000	75	26Eps Sco	2.2910	4250.0	98	41740	No
19	GOM_NL__2PRFIN20100223_024841_000000432087_00104_41741_6345.N1	23-FEB-2010 02:48:41	Dark	42.500	10	Bet Cen	0.61000	28000.	85	41741	No
20	GOM_NL__2PRFIN20100223_025337_000000452087_00104_41741_6346.N1	23-FEB-2010 02:53:37	Dark	44.500	64	Gam Cen	2.2000	10600.	89	41741	No
21	GOM_NL__2PRFIN20100223_025709_000000442087_00104_41741_6347.N1	23-FEB-2010 02:57:09	Straylight	43.500	113	Mu Vel	2.6920	5000.0	87	41741	No
22	GOM_NL__2PRFIN20100223_031007_000000472087_00104_41741_6348.N1	23-FEB-2010 03:10:07	Twilight_and_stray	47.000	48	30Alp Hya	1.9770	4100.0	94	41741	No
23	GOM_NL__2PRFIN20100223_032005_000000432087_00104_41741_6349.N1	23-FEB-2010 03:20:05	Bright	43.000	166	17Eps Leo	2.9800	6000.0	86	41741	No
24	GOM_NL__2PRFIN20100223_033242_000000432087_00104_41741_6350.N1	23-FEB-2010 03:32:42	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	41741	No
25	GOM_NL__2PRFIN20100223_033943_000000392087_00104_41741_6351.N1	23-FEB-2010 03:39:43	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	41741	No
26	GOM_NL__2PRFIN20100223_034909_000000452087_00104_41741_6352.N1	23-FEB-2010 03:49:09	Bright	45.000	69	33Gam Dra	2.2310	3800.0	90	41741	No
27	GOM_NL__2PRFIN20100223_035318_000000442087_00104_41741_6353.N1	23-FEB-2010 03:53:18	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	41741	No
28	GOM_NL__2PRFIN20100223_041724_000000482087_00104_41741_6354.N1	23-FEB-2010 04:17:24	Dark	47.500	25	35Lam Sco	1.6200	28000.	95	41741	No
29	GOM_NL__2PRFIN20100223_041906_000000482087_00104_41741_6355.N1	23-FEB-2010 04:19:06	Dark	47.500	75	26Eps Sco	2.2910	4250.0	95	41741	No
30	GOM_NL__2PRFIN20100223_042917_000000442087_00105_41742_6353.N1	23-FEB-2010 04:29:17	Dark	43.500	10	Bet Cen	0.61000	28000.	87	41742	No
31	GOM_NL__2PRFIN20100223_043414_000000452087_00105_41742_6354.N1	23-FEB-2010 04:34:14	Dark	44.500	64	Gam Cen	2.2000	10600.	89	41742	No
32	GOM_NL__2PRFIN20100223_043745_000000442087_00105_41742_6355.N1	23-FEB-2010 04:37:45	Straylight	43.500	113	Mu Vel	2.6920	5000.0	87	41742	No
33	GOM_NL__2PRFIN20100223_045043_000000462087_00105_41742_6356.N1	23-FEB-2010 04:50:43	Twilight_and_stray	46.000	48	30Alp Hya	1.9770	4100.0	92	41742	No
34	GOM_NL__2PRFIN20100223_050040_000000432087_00105_41742_6357.N1	23-FEB-2010 05:00:40	Bright	42.500	166	17Eps Leo	2.9800	6000.0	85	41742	No
35	GOM_NL__2PRFIN20100223_051317_000000432087_00105_41742_6358.N1	23-FEB-2010 05:13:17	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	41742	No
36	GOM_NL__2PRFIN20100223_052018_000000422087_00105_41742_6359.N1	23-FEB-2010 05:20:18	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	41742	No
37	GOM_NL__2PRFIN20100223_052945_000000442087_00105_41742_6360.N1	23-FEB-2010 05:29:45	Bright	43.500	69	33Gam Dra	2.2310	3800.0	87	41742	No
38	GOM_NL__2PRFIN20100223_053354_000000402087_00105_41742_6361.N1	23-FEB-2010 05:33:54	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	41742	No
39	GOM_NL__2PRFIN20100223_055801_000000432087_00105_41742_6362.N1	23-FEB-2010 05:58:01	Dark	43.000	25	35Lam Sco	1.6200	28000.	86	41742	No
40	GOM_NL__2PRFIN20100223_055942_000000562087_00105_41742_6363.N1	23-FEB-2010 05:59:42	Dark	56.000	75	26Eps Sco	2.2910	4250.0	112	41742	No
41	GOM_NL__2PRFIN20100223_060954_000000442087_00106_41743_6361.N1	23-FEB-2010 06:09:54	Dark	43.500	10	Bet Cen	0.61000	28000.	87	41743	No
42	GOM_NL__2PRFIN20100223_061451_000000482087_00106_41743_6362.N1	23-FEB-2010 06:14:51	Dark	48.000	64	Gam Cen	2.2000	10600.	96	41743	No

43	GOM_NL__2PRFIN20100223_061821_000000422087_00106_41743_6363.N1	23-FEB-2010 06:18:21	Straylight	42.000	113	Mu Vel	2.6920	5000.0	84	41743	No
44	GOM_NL__2PRFIN20100223_063119_000000452087_00106_41743_6364.N1	23-FEB-2010 06:31:19	Twl_and_stray	44.500	48	30Alp Hya	1.9770	4100.0	89	41743	No
45	GOM_NL__2PRFIN20100223_064116_000000422087_00106_41743_6365.N1	23-FEB-2010 06:41:16	Bright	42.000	166	17Eps Leo	2.9800	6000.0	84	41743	No
46	GOM_NL__2PRFIN20100223_065353_000000432087_00106_41743_6366.N1	23-FEB-2010 06:53:53	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	41743	No
47	GOM_NL__2PRFIN20100223_070054_000000372087_00106_41743_6367.N1	23-FEB-2010 07:00:54	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	41743	No
48	GOM_NL__2PRFIN20100223_071021_000000462087_00106_41743_6368.N1	23-FEB-2010 07:10:21	Bright	46.000	69	33Gam Dra	2.2310	3800.0	92	41743	No
49	GOM_NL__2PRFIN20100223_071430_000000382087_00106_41743_6369.N1	23-FEB-2010 07:14:30	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	41743	No
50	GOM_NL__2PRFIN20100223_073838_000000462087_00106_41743_6370.N1	23-FEB-2010 07:38:38	Dark	46.000	25	35Lam Sco	1.6200	28000.	92	41743	No
51	GOM_NL__2PRFIN20100223_074019_000000612087_00106_41743_6371.N1	23-FEB-2010 07:40:19	Dark	60.500	75	26Eps Sco	2.2910	4250.0	121	41743	No
52	GOM_NL__2PRFIN20100223_075031_000000522087_00107_41744_6371.N1	23-FEB-2010 07:50:31	Dark	52.000	10	Bet Cen	0.61000	28000.	104	41744	No
53	GOM_NL__2PRFIN20100223_075527_000000462087_00107_41744_6372.N1	23-FEB-2010 07:55:27	Dark	46.000	64	Gam Cen	2.2000	10600.	92	41744	No
54	GOM_NL__2PRFIN20100223_075858_000000442087_00107_41744_6373.N1	23-FEB-2010 07:58:58	Straylight	43.500	113	Mu Vel	2.6920	5000.0	87	41744	No
55	GOM_NL__2PRFIN20100223_081155_000000462087_00107_41744_6374.N1	23-FEB-2010 08:11:55	Twl_and_stray	46.000	48	30Alp Hya	1.9770	4100.0	92	41744	No
56	GOM_NL__2PRFIN20100223_082152_000000422087_00107_41744_6375.N1	23-FEB-2010 08:21:52	Bright	42.000	166	17Eps Leo	2.9800	6000.0	84	41744	No
57	GOM_NL__2PRFIN20100223_083428_000000422087_00107_41744_6376.N1	23-FEB-2010 08:34:28	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	41744	No
58	GOM_NL__2PRFIN20100223_084130_000000432087_00107_41744_6377.N1	23-FEB-2010 08:41:30	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41744	No
59	GOM_NL__2PRFIN20100223_085057_000000392087_00107_41744_6378.N1	23-FEB-2010 08:50:57	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	41744	No
60	GOM_NL__2PRFIN20100223_085506_000000402087_00107_41744_6379.N1	23-FEB-2010 08:55:06	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	41744	No
61	GOM_NL__2PRFIN20100223_091914_000000472087_00107_41744_6380.N1	23-FEB-2010 09:19:14	Dark	47.000	25	35Lam Sco	1.6200	28000.	94	41744	No
62	GOM_NL__2PRFIN20100223_092057_000000492087_00107_41744_6381.N1	23-FEB-2010 09:20:57	Dark	48.500	75	26Eps Sco	2.2910	4250.0	97	41744	No
63	GOM_NL__2PRFIN20100223_093107_000000492087_00108_41745_6380.N1	23-FEB-2010 09:31:07	Dark	49.000	10	Bet Cen	0.61000	28000.	98	41745	No
64	GOM_NL__2PRFIN20100223_093604_000000462087_00108_41745_6381.N1	23-FEB-2010 09:36:04	Dark	45.500	64	Gam Cen	2.2000	10600.	91	41745	No
65	GOM_NL__2PRFIN20100223_093934_000000412087_00108_41745_6382.N1	23-FEB-2010 09:39:34	Straylight	41.000	113	Mu Vel	2.6920	5000.0	82	41745	No
66	GOM_NL__2PRFIN20100223_095231_000000472087_00108_41745_6383.N1	23-FEB-2010 09:52:31	Twl_and_stray	47.000	48	30Alp Hya	1.9770	4100.0	94	41745	No
67	GOM_NL__2PRFIN20100223_100227_000000412087_00108_41745_6384.N1	23-FEB-2010 10:02:27	Bright	41.000	166	17Eps Leo	2.9800	6000.0	82	41745	No
68	GOM_NL__2PRFIN20100223_101504_000000432087_00108_41745_6385.N1	23-FEB-2010 10:15:04	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	41745	No
69	GOM_NL__2PRFIN20100223_102205_000000432087_00108_41745_6386.N1	23-FEB-2010 10:22:05	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41745	No
70	GOM_NL__2PRFIN20100223_103132_000000432087_00108_41745_6387.N1	23-FEB-2010 10:31:32	Bright	43.000	69	33Gam Dra	2.2310	3800.0	86	41745	No
71	GOM_NL__2PRFIN20100223_103542_000000392087_00108_41745_6388.N1	23-FEB-2010 10:35:42	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	41745	No
72	GOM_NL__2PRFIN20100223_105951_000000482087_00108_41745_6389.N1	23-FEB-2010 10:59:51	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	41745	No
73	GOM_NL__2PRFIN20100223_110133_000000572087_00108_41745_6390.N1	23-FEB-2010 11:01:33	Dark	57.000	75	26Eps Sco	2.2910	4250.0	114	41745	No
74	GOM_NL__2PRFIN20100223_111144_000000422087_00109_41746_6410.N1	23-FEB-2010 11:11:44	Dark	41.500	10	Bet Cen	0.61000	28000.	83	41746	No
75	GOM_NL__2PRFIN20100223_111641_000000512087_00109_41746_6411.N1	23-FEB-2010 11:16:41	Dark	51.000	64	Gam Cen	2.2000	10600.	102	41746	No
76	GOM_NL__2PRFIN20100223_112010_000000452087_00109_41746_6412.N1	23-FEB-2010 11:20:10	Straylight	44.500	113	Mu Vel	2.6920	5000.0	89	41746	No
77	GOM_NL__2PRFIN20100223_113307_000000472087_00109_41746_6413.N1	23-FEB-2010 11:33:07	Twl_and_stray	46.500	48	30Alp Hya	1.9770	4100.0	93	41746	No
78	GOM_NL__2PRFIN20100223_114303_000000422087_00109_41746_6414.N1	23-FEB-2010 11:43:03	Bright	42.000	166	17Eps Leo	2.9800	6000.0	84	41746	No
79	GOM_NL__2PRFIN20100223_115539_000000432087_00109_41746_6415.N1	23-FEB-2010 11:55:39	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	41746	No
80	GOM_NL__2PRFIN20100223_120241_000000382087_00109_41746_6416.N1	23-FEB-2010 12:02:41	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	41746	No
81	GOM_NL__2PRFIN20100223_121208_000000452087_00109_41746_6417.N1	23-FEB-2010 12:12:08	Bright	44.500	69	33Gam Dra	2.2310	3800.0	89	41746	No
82	GOM_NL__2PRFIN20100223_121618_000000402087_00109_41746_6418.N1	23-FEB-2010 12:16:18	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	41746	No
83	GOM_NL__2PRFIN20100223_124028_000000472087_00109_41746_6419.N1	23-FEB-2010 12:40:28	Dark	47.000	25	35Lam Sco	1.6200	28000.	94	41746	No
84	GOM_NL__2PRFIN20100223_124210_000000562087_00109_41746_6420.N1	23-FEB-2010 12:42:10	Dark	56.000	75	26Eps Sco	2.2910	4250.0	112	41746	No
85	GOM_NL__2PRFIN20100223_125220_000000452087_00110_41747_6418.N1	23-FEB-2010 12:52:20	Dark	44.500	10	Bet Cen	0.61000	28000.	89	41747	No
86	GOM_NL__2PRFIN20100223_125717_000000452087_00110_41747_6419.N1	23-FEB-2010 12:57:17	Dark	45.000	64	Gam Cen	2.2000	10600.	90	41747	No
87	GOM_NL__2PRFIN20100223_130047_000000392087_00110_41747_6420.N1	23-FEB-2010 13:00:47	Straylight	38.500	113	Mu Vel	2.6920	5000.0	77	41747	No
88	GOM_NL__2PRFIN20100223_131343_000000462087_00110_41747_6421.N1	23-FEB-2010 13:13:43	Twl_and_stray	46.000	48	30Alp Hya	1.9770	4100.0	92	41747	No
89	GOM_NL__2PRFIN20100223_132338_000000412087_00110_41747_6422.N1	23-FEB-2010 13:23:38	Bright	41.000	166	17Eps Leo	2.9800	6000.0	82	41747	No
90	GOM_NL__2PRFIN20100223_133615_000000422087_00110_41747_6423.N1	23-FEB-2010 13:36:15	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	41747	No
91	GOM_NL__2PRFIN20100223_134316_000000382087_00110_41747_6424.N1	23-FEB-2010 13:43:16	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	41747	No
92	GOM_NL__2PRFIN20100223_135244_000000432087_00110_41747_6425.N1	23-FEB-2010 13:52:44	Bright	42.500	69	33Gam Dra	2.2310	3800.0	85	41747	No
93	GOM_NL__2PRFIN20100223_135654_000000422087_00110_41747_6426.N1	23-FEB-2010 13:56:54	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	41747	No
94	GOM_NL__2PRFIN20100223_140410_000000552087_00110_41747_6427.N1	23-FEB-2010 14:04:10	Bright	55.000	168	17Zet Aql	2.9860	11000.	110	41747	No
95	GOM_NL__2PRFIN20100223_142104_000000442087_00110_41747_6428.N1	23-FEB-2010 14:21:04	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	41747	No
96	GOM_NL__2PRFIN20100223_142247_000000502087_00110_41747_6429.N1	23-FEB-2010 14:22:47	Dark	49.500	75	26Eps Sco	2.2910	4250.0	99	41747	No
97	GOM_NL__2PRFIN20100223_143257_000000472087_00111_41748_6426.N1	23-FEB-2010 14:32:57	Dark	47.000	10	Bet Cen	0.61000	28000.	94	41748	No
98	GOM_NL__2PRFIN20100223_143754_000000502087_00111_41748_6427.N1	23-FEB-2010 14:37:54	Dark	50.000	64	Gam Cen	2.2000	10600.	100	41748	No
99	GOM_NL__2PRFIN20100223_144123_000000422087_00111_41748_6428.N1	23-FEB-2010 14:41:23	Straylight	42.000	113	Mu Vel	2.6920	5000.0	84	41748	No
100	GOM_NL__2PRFIN20100223_145419_000000472087_00111_41748_6429.N1	23-FEB-2010 14:54:19	Twl_and_stray	46.500	48	30Alp Hya	1.9770	4100.0	93	41748	No
101	GOM_NL__2PRFIN20100223_150414_000000422087_00111_41748_6430.N1	23-FEB-2010 15:04:14	Bright	41.500	166	17Eps Leo	2.9800	6000.0	83	41748	No

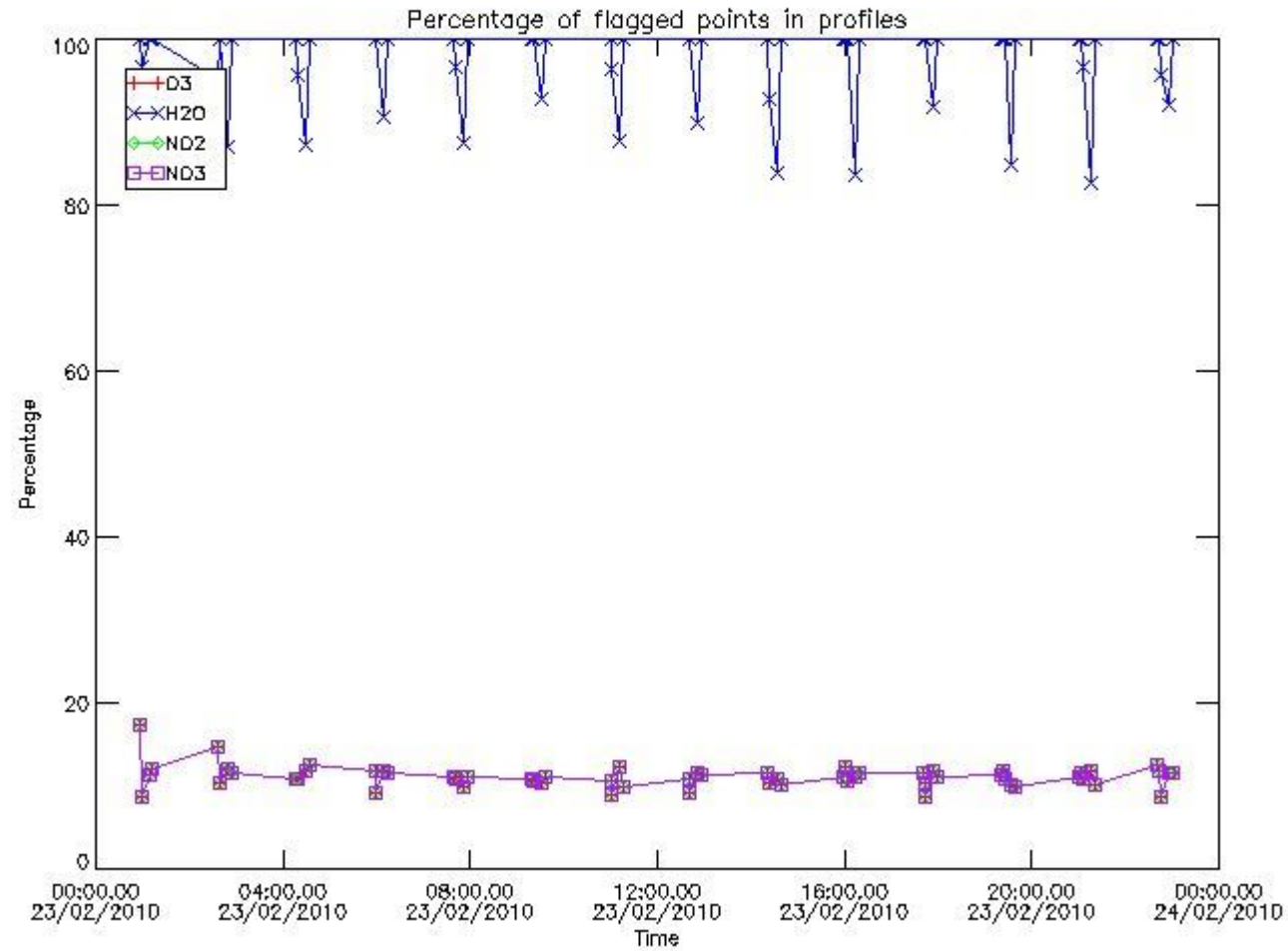
102	GOM_NL__2PRFIN20100223_151650_000000432087_00111_41748_6431.N1	23-FEB-2010 15:16:50	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	41748	No
103	GOM_NL__2PRFIN20100223_152352_000000432087_00111_41748_6432.N1	23-FEB-2010 15:23:52	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	41748	No
104	GOM_NL__2PRFIN20100223_153320_000000392087_00111_41748_6433.N1	23-FEB-2010 15:33:20	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	41748	No
105	GOM_NL__2PRFIN20100223_153730_000000402087_00111_41748_6434.N1	23-FEB-2010 15:37:30	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	41748	No
106	GOM_NL__2PRFIN20100223_154446_000000552087_00111_41748_6435.N1	23-FEB-2010 15:44:46	Bright	55.000	168	17Zet Aql	2.9860	11000.	110	41748	No
107	GOM_NL__2PRFIN20100223_155908_000000462087_00111_41748_6436.N1	23-FEB-2010 15:59:08	Dark	45.500	38	20Eps Sgr	1.8360	11000.	91	41748	No
108	GOM_NL__2PRFIN20100223_160141_000000422087_00111_41748_6437.N1	23-FEB-2010 16:01:41	Dark	41.500	25	35Lam Sco	1.6200	28000.	83	41748	No
109	GOM_NL__2PRFIN20100223_160324_000000582087_00111_41748_6438.N1	23-FEB-2010 16:03:24	Dark	57.500	75	26Eps Sco	2.2910	4250.0	115	41748	No
110	GOM_NL__2PRFIN20100223_161333_000000462087_00112_41749_6434.N1	23-FEB-2010 16:13:33	Dark	46.000	10	Bet Cen	0.61000	28000.	92	41749	No
111	GOM_NL__2PRFIN20100223_161830_000000452087_00112_41749_6435.N1	23-FEB-2010 16:18:30	Dark	44.500	64	Gam Cen	2.2000	10600.	89	41749	No
112	GOM_NL__2PRFIN20100223_162159_000000412087_00112_41749_6436.N1	23-FEB-2010 16:21:59	Straylight	41.000	113	Mu Vel	2.6920	5000.0	82	41749	No
113	GOM_NL__2PRFIN20100223_163455_000000442087_00112_41749_6437.N1	23-FEB-2010 16:34:55	Tw_i_and_stray	43.500	48	30Alp Hya	1.9770	4100.0	87	41749	No
114	GOM_NL__2PRFIN20100223_164450_000000422087_00112_41749_6438.N1	23-FEB-2010 16:44:50	Bright	41.500	166	17Eps Leo	2.9800	6000.0	83	41749	No
115	GOM_NL__2PRFIN20100223_165726_000000422087_00112_41749_6439.N1	23-FEB-2010 16:57:26	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	41749	No
116	GOM_NL__2PRFIN20100223_170427_000000592087_00112_41749_6440.N1	23-FEB-2010 17:04:27	Bright	59.000	60	7Bet UMi	2.0810	3950.0	118	41749	No
117	GOM_NL__2PRFIN20100223_171356_000000442087_00112_41749_6441.N1	23-FEB-2010 17:13:56	Bright	44.000	69	33Gam Dra	2.2310	3800.0	88	41749	No
118	GOM_NL__2PRFIN20100223_171806_000000402087_00112_41749_6442.N1	23-FEB-2010 17:18:06	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	41749	No
119	GOM_NL__2PRFIN20100223_172522_000000362087_00112_41749_6443.N1	23-FEB-2010 17:25:22	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	41749	No
120	GOM_NL__2PRFIN20100223_173945_000000442087_00112_41749_6444.N1	23-FEB-2010 17:39:45	Dark	44.000	38	20Eps Sgr	1.8360	11000.	88	41749	No
121	GOM_NL__2PRFIN20100223_174218_000000502087_00112_41749_6445.N1	23-FEB-2010 17:42:18	Dark	49.500	25	35Lam Sco	1.6200	28000.	99	41749	No
122	GOM_NL__2PRFIN20100223_174401_000000582087_00112_41749_6446.N1	23-FEB-2010 17:44:01	Dark	58.000	75	26Eps Sco	2.2910	4250.0	116	41749	No
123	GOM_NL__2PRFIN20100223_175410_000000432087_00113_41750_6442.N1	23-FEB-2010 17:54:10	Dark	43.000	10	Bet Cen	0.61000	28000.	86	41750	No
124	GOM_NL__2PRFIN20100223_175907_000000462087_00113_41750_6443.N1	23-FEB-2010 17:59:07	Dark	45.500	64	Gam Cen	2.2000	10600.	91	41750	No
125	GOM_NL__2PRFIN20100223_180236_000000442087_00113_41750_6444.N1	23-FEB-2010 18:02:36	Straylight	43.500	113	Mu Vel	2.6920	5000.0	87	41750	No
126	GOM_NL__2PRFIN20100223_181531_000000482087_00113_41750_6445.N1	23-FEB-2010 18:15:31	Tw_i_and_stray	48.000	48	30Alp Hya	1.9770	4100.0	96	41750	No
127	GOM_NL__2PRFIN20100223_182526_000000422087_00113_41750_6446.N1	23-FEB-2010 18:25:26	Bright	42.000	166	17Eps Leo	2.9800	6000.0	84	41750	No
128	GOM_NL__2PRFIN20100223_183801_000000432087_00113_41750_6447.N1	23-FEB-2010 18:38:01	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	41750	No
129	GOM_NL__2PRFIN20100223_184503_000000432087_00113_41750_6448.N1	23-FEB-2010 18:45:03	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	41750	No
130	GOM_NL__2PRFIN20100223_185431_000000442087_00113_41750_6449.N1	23-FEB-2010 18:54:31	Bright	43.500	69	33Gam Dra	2.2310	3800.0	87	41750	No
131	GOM_NL__2PRFIN20100223_185842_000000392087_00113_41750_6450.N1	23-FEB-2010 18:58:42	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	41750	No
132	GOM_NL__2PRFIN20100223_190558_000000382087_00113_41750_6451.N1	23-FEB-2010 19:05:58	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	41750	No
133	GOM_NL__2PRFIN20100223_192021_000000452087_00113_41750_6452.N1	23-FEB-2010 19:20:21	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	41750	No
134	GOM_NL__2PRFIN20100223_192254_000000482087_00113_41750_6453.N1	23-FEB-2010 19:22:54	Dark	47.500	25	35Lam Sco	1.6200	28000.	95	41750	No
135	GOM_NL__2PRFIN20100223_192438_000000472087_00113_41750_6454.N1	23-FEB-2010 19:24:38	Dark	47.000	75	26Eps Sco	2.2910	4250.0	94	41750	No
136	GOM_NL__2PRFIN20100223_193447_000000502087_00114_41751_6450.N1	23-FEB-2010 19:34:47	Dark	50.000	10	Bet Cen	0.61000	28000.	100	41751	No
137	GOM_NL__2PRFIN20100223_193943_000000522087_00114_41751_6451.N1	23-FEB-2010 19:39:43	Dark	51.500	64	Gam Cen	2.2000	10600.	103	41751	No
138	GOM_NL__2PRFIN20100223_194312_000000452087_00114_41751_6452.N1	23-FEB-2010 19:43:12	Straylight	44.500	113	Mu Vel	2.6920	5000.0	89	41751	No
139	GOM_NL__2PRFIN20100223_195607_000000472087_00114_41751_6453.N1	23-FEB-2010 19:56:07	Tw_i_and_stray	46.500	48	30Alp Hya	1.9770	4100.0	93	41751	No
140	GOM_NL__2PRFIN20100223_200602_000000412087_00114_41751_6454.N1	23-FEB-2010 20:06:02	Bright	40.500	166	17Eps Leo	2.9800	6000.0	81	41751	No
141	GOM_NL__2PRFIN20100223_201836_000000442087_00114_41751_6455.N1	23-FEB-2010 20:18:36	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	41751	No
142	GOM_NL__2PRFIN20100223_202539_000000432087_00114_41751_6456.N1	23-FEB-2010 20:25:39	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41751	No
143	GOM_NL__2PRFIN20100223_203507_000000462087_00114_41751_6457.N1	23-FEB-2010 20:35:07	Bright	45.500	69	33Gam Dra	2.2310	3800.0	91	41751	No
144	GOM_NL__2PRFIN20100223_203918_000000412087_00114_41751_6458.N1	23-FEB-2010 20:39:18	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	41751	No
145	GOM_NL__2PRFIN20100223_204635_000000382087_00114_41751_6459.N1	23-FEB-2010 20:46:35	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	41751	No
146	GOM_NL__2PRFIN20100223_210057_000000462087_00114_41751_6460.N1	23-FEB-2010 21:00:57	Dark	45.500	38	20Eps Sgr	1.8360	11000.	91	41751	No
147	GOM_NL__2PRFIN20100223_210331_000000442087_00114_41751_6461.N1	23-FEB-2010 21:03:31	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	41751	No
148	GOM_NL__2PRFIN20100223_210515_000000612087_00114_41751_6462.N1	23-FEB-2010 21:05:15	Dark	61.000	75	26Eps Sco	2.2910	4250.0	122	41751	No
149	GOM_NL__2PRFIN20100223_211523_000000442087_00115_41752_6458.N1	23-FEB-2010 21:15:23	Dark	43.500	10	Bet Cen	0.61000	28000.	87	41752	No
150	GOM_NL__2PRFIN20100223_212020_000000502087_00115_41752_6459.N1	23-FEB-2010 21:20:20	Dark	50.000	64	Gam Cen	2.2000	10600.	100	41752	No
151	GOM_NL__2PRFIN20100223_212348_000000462087_00115_41752_6460.N1	23-FEB-2010 21:23:48	Straylight	45.500	113	Mu Vel	2.6920	5000.0	91	41752	No
152	GOM_NL__2PRFIN20100223_213643_000000482087_00115_41752_6461.N1	23-FEB-2010 21:36:43	Tw_i_and_stray	48.000	48	30Alp Hya	1.9770	4100.0	96	41752	No
153	GOM_NL__2PRFIN20100223_214637_000000412087_00115_41752_6462.N1	23-FEB-2010 21:46:37	Bright	41.000	166	17Eps Leo	2.9800	6000.0	82	41752	No
154	GOM_NL__2PRFIN20100223_215912_000000452087_00115_41752_6463.N1	23-FEB-2010 21:59:12	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	41752	No
155	GOM_NL__2PRFIN20100223_220614_000000402087_00115_41752_6464.N1	23-FEB-2010 22:06:14	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	41752	No
156	GOM_NL__2PRFIN20100223_221543_000000442087_00115_41752_6465.N1	23-FEB-2010 22:15:43	Bright	43.500	69	33Gam Dra	2.2310	3800.0	87	41752	No
157	GOM_NL__2PRFIN20100223_221954_000000412087_00115_41752_6466.N1	23-FEB-2010 22:19:54	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	41752	No
158	GOM_NL__2PRFIN20100223_222711_000000552087_00115_41752_6467.N1	23-FEB-2010 22:27:11	Bright	54.500	168	17Zet Aql	2.9860	11000.	109	41752	No
159	GOM_NL__2PRFIN20100223_224134_000000412087_00115_41752_6468.N1	23-FEB-2010 22:41:34	Dark	40.500	38	20Eps Sgr	1.8360	11000.	81	41752	No
160	GOM_NL__2PRFIN20100223_224407_000000482087_00115_41752_6469.N1	23-FEB-2010 22:44:07	Dark	47.500	25	35Lam Sco	1.6200	28000.	95	41752	No

161	GOM_NL__2PRFIN20100223_224552_000000592087_00115_41752_6470.N1	23-FEB-2010 22:45:52	Dark	58.500	75	26Eps Sco	2.2910	4250.0	117	41752	No
162	GOM_NL__2PRFIN20100223_225559_000000452087_00116_41753_6466.N1	23-FEB-2010 22:55:59	Dark	44.500	10	Bet Cen	0.61000	28000.	89	41753	No
163	GOM_NL__2PRFIN20100223_230057_000000492087_00116_41753_6467.N1	23-FEB-2010 23:00:57	Dark	48.500	64	Gam Cen	2.2000	10600.	97	41753	No
164	GOM_NL__2PRFIN20100223_230424_000000432087_00116_41753_6468.N1	23-FEB-2010 23:04:24	Straylight	43.000	113	Mu Vel	2.6920	5000.0	86	41753	No
165	GOM_NL__2PRFIN20100223_231719_000000432087_00116_41753_6469.N1	23-FEB-2010 23:17:19	Twilight	42.500	48	30Alp Hya	1.9770	4100.0	85	41753	No
166	GOM_NL__2PRFIN20100223_232712_000000422087_00116_41753_6470.N1	23-FEB-2010 23:27:12	Bright	41.500	166	17Eps Leo	2.9800	6000.0	83	41753	No
167	GOM_NL__2PRFIN20100223_233947_000000442087_00116_41753_6471.N1	23-FEB-2010 23:39:47	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	41753	No
168	GOM_NL__2PRFIN20100223_234650_000000392087_00116_41753_6472.N1	23-FEB-2010 23:46:50	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	41753	No
169	GOM_NL__2PRFIN20100223_235619_000000452087_00116_41753_6473.N1	23-FEB-2010 23:56:19	Bright	44.500	69	33Gam Dra	2.2310	3800.0	89	41753	No

3. Quality information per product

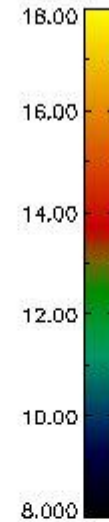
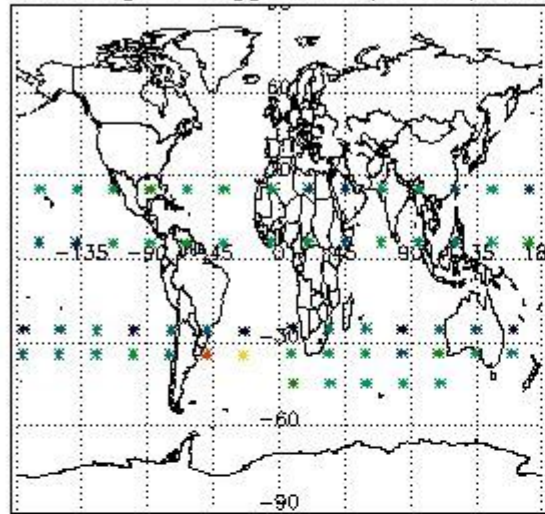
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

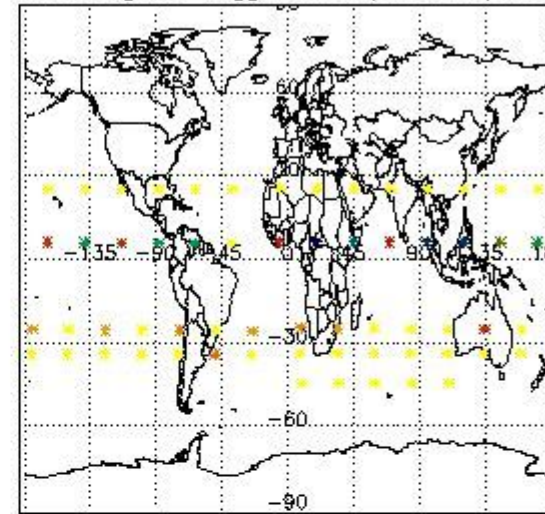


3.2 Plot quality information per product (world map)

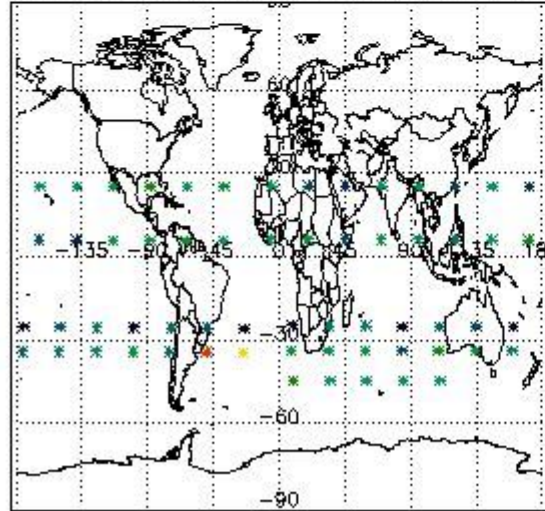
Percentage of flagged data per O3 profile



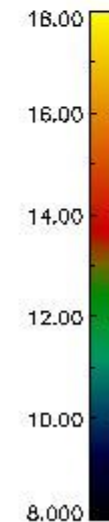
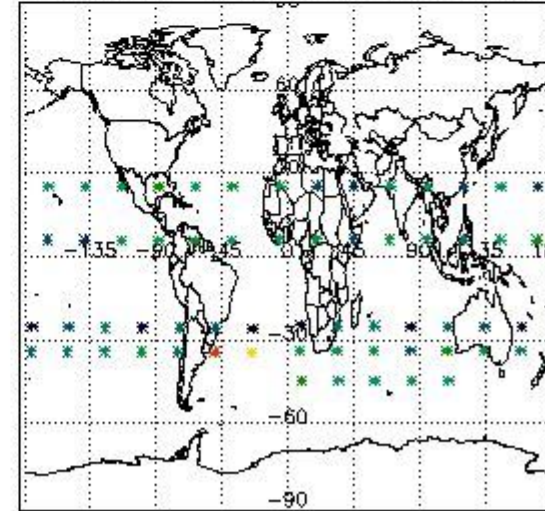
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

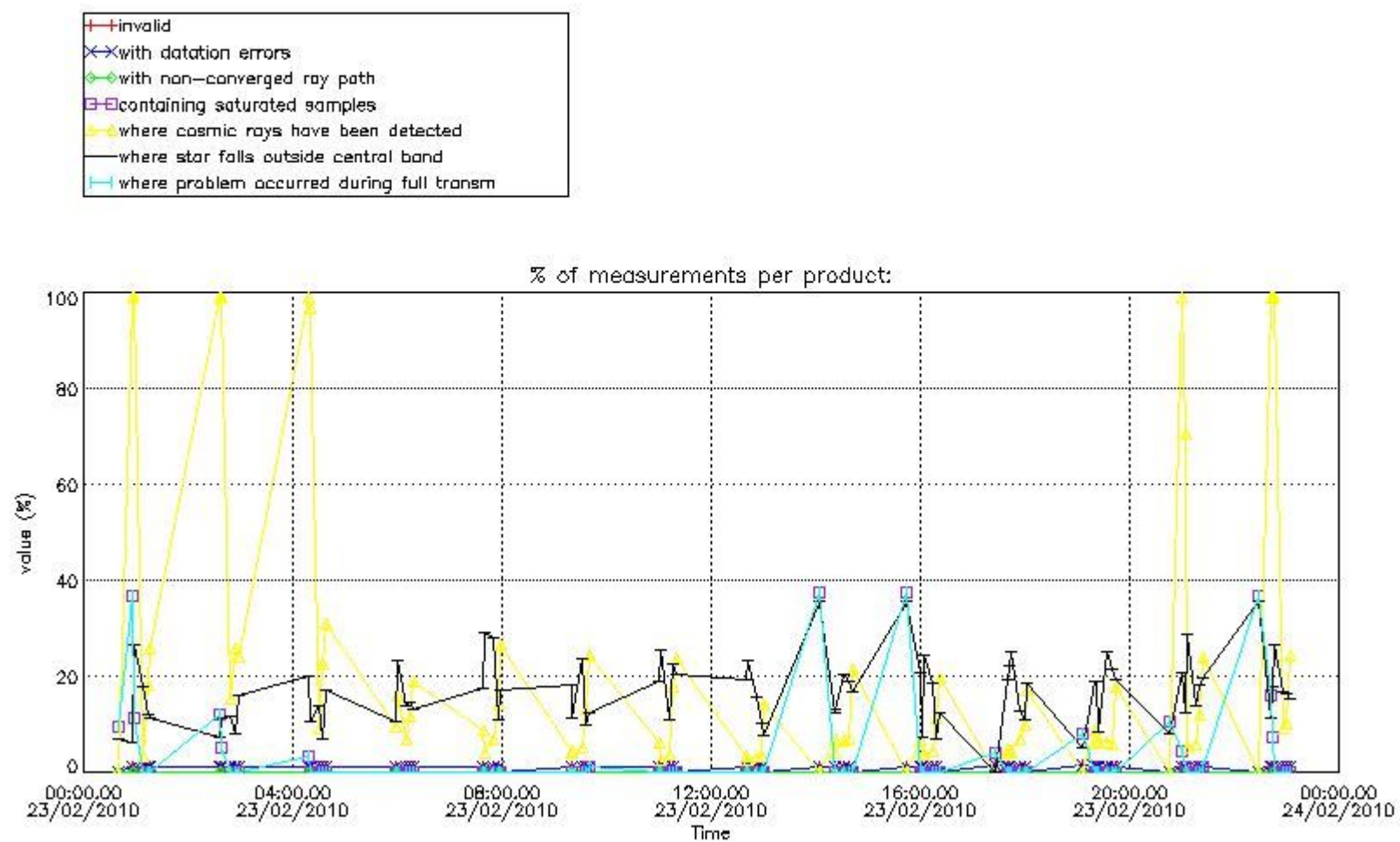


4. Level 1 quality information per product

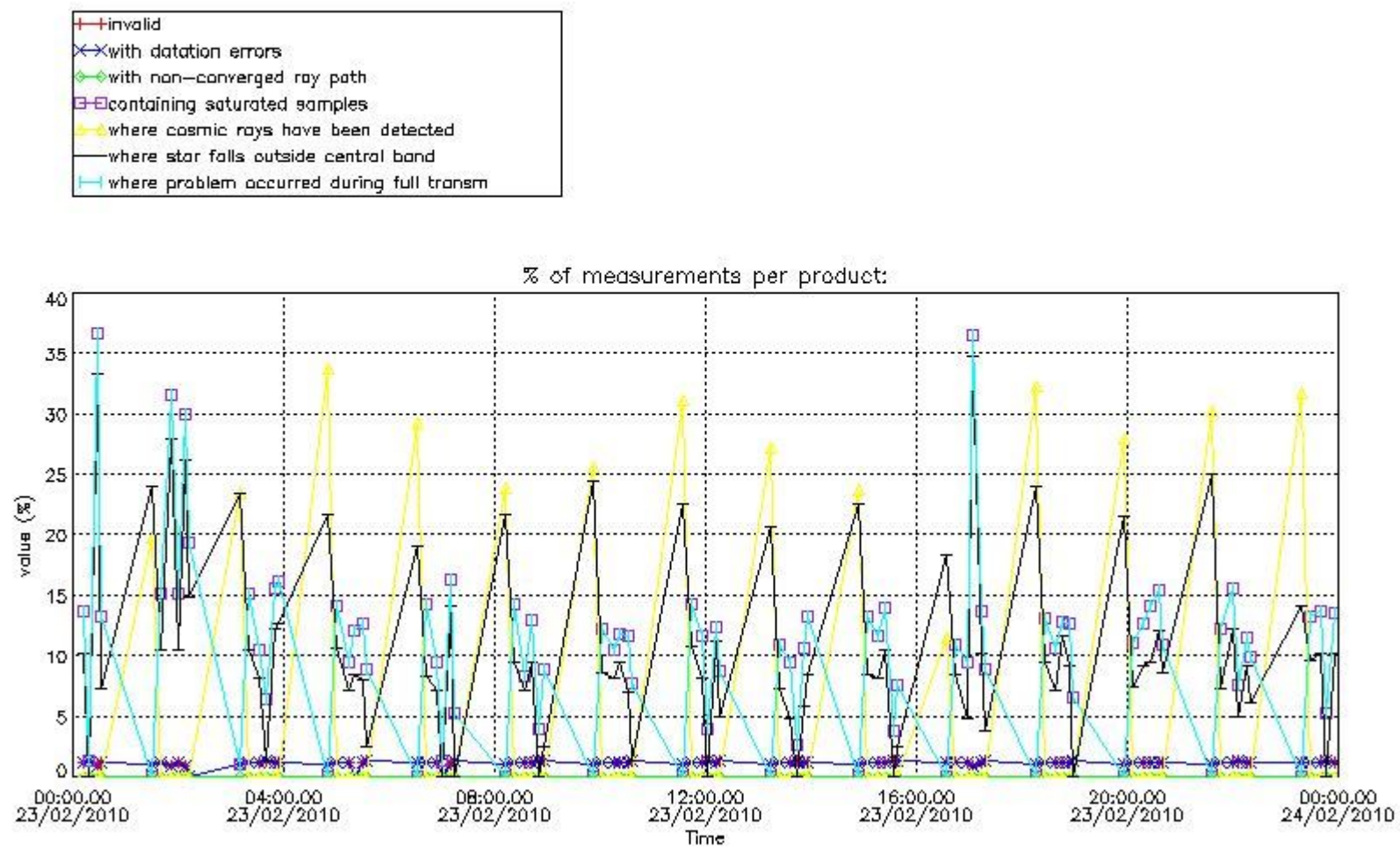
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



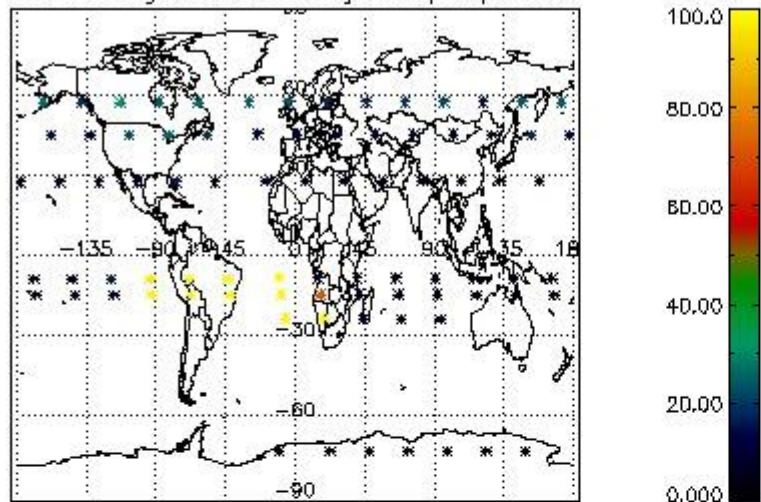
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



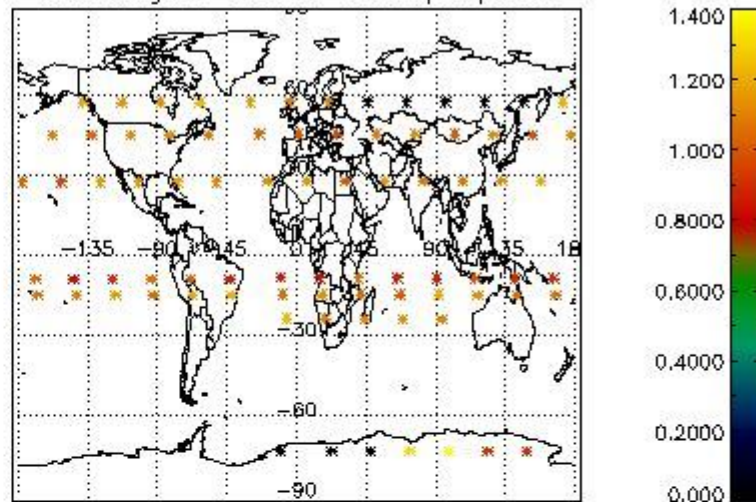
4.2 Plot quality information per product coming from level 1b processing (world map)

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

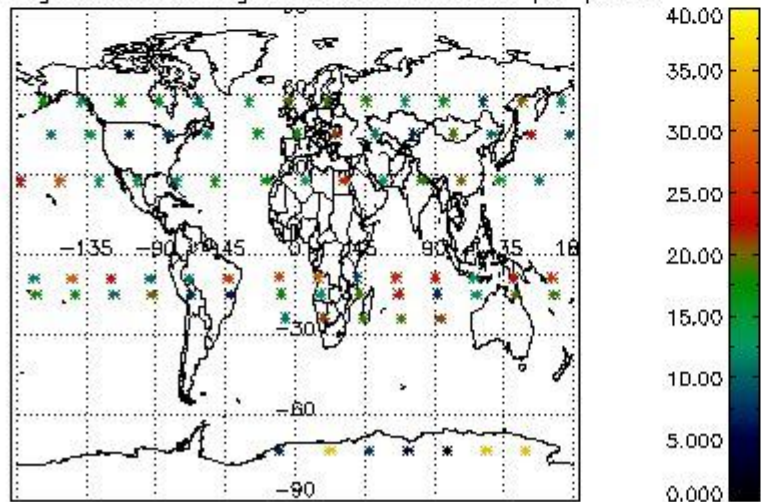
Percentage of cosmic ray hits per profile



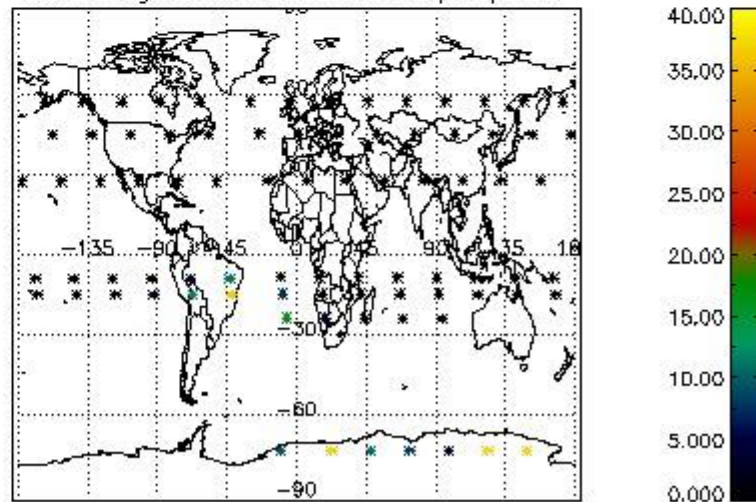
Percentage of datation errors per profile



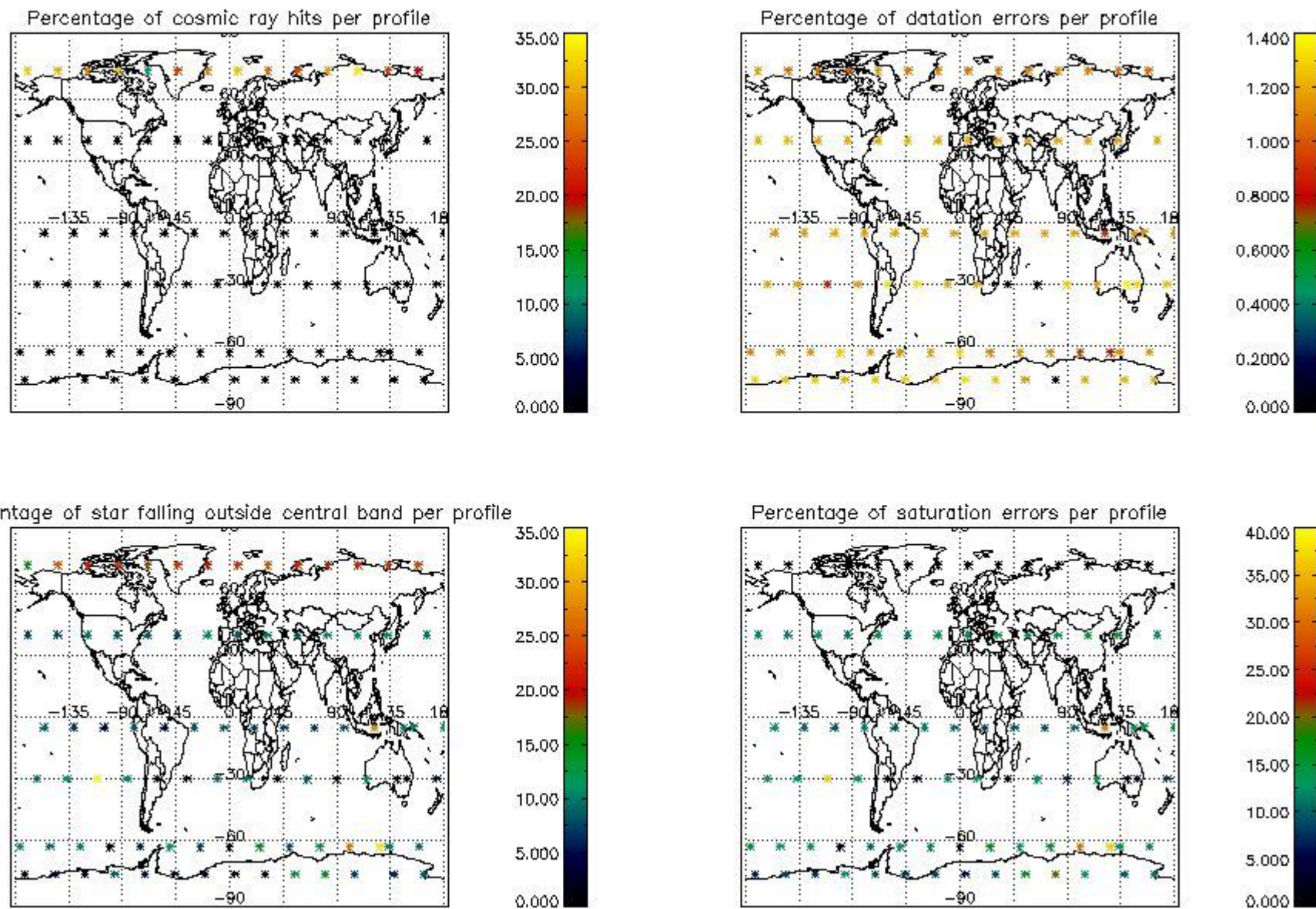
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

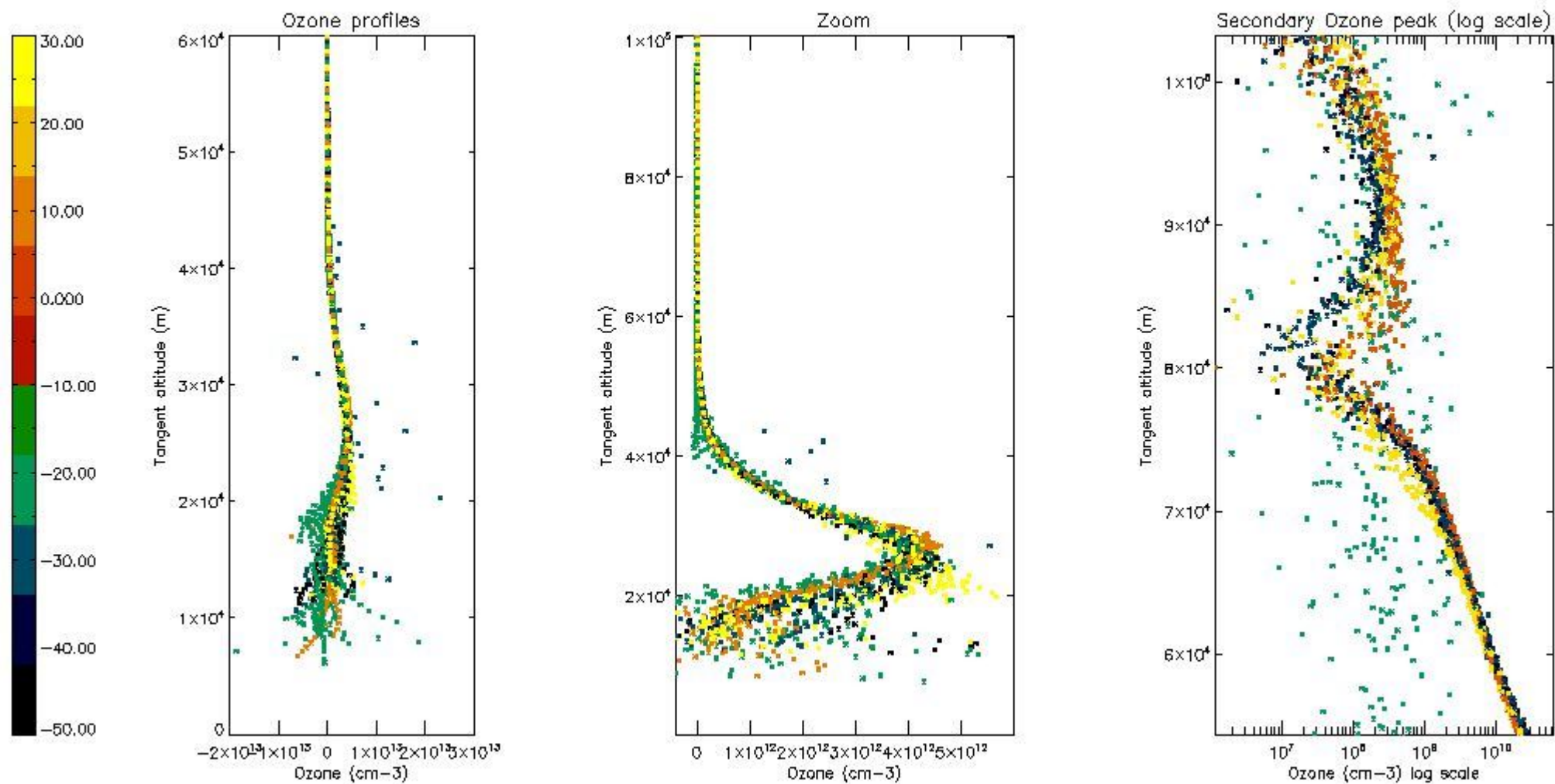
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	39
STD < 20	20

STD < 10	17
STD < 5	11

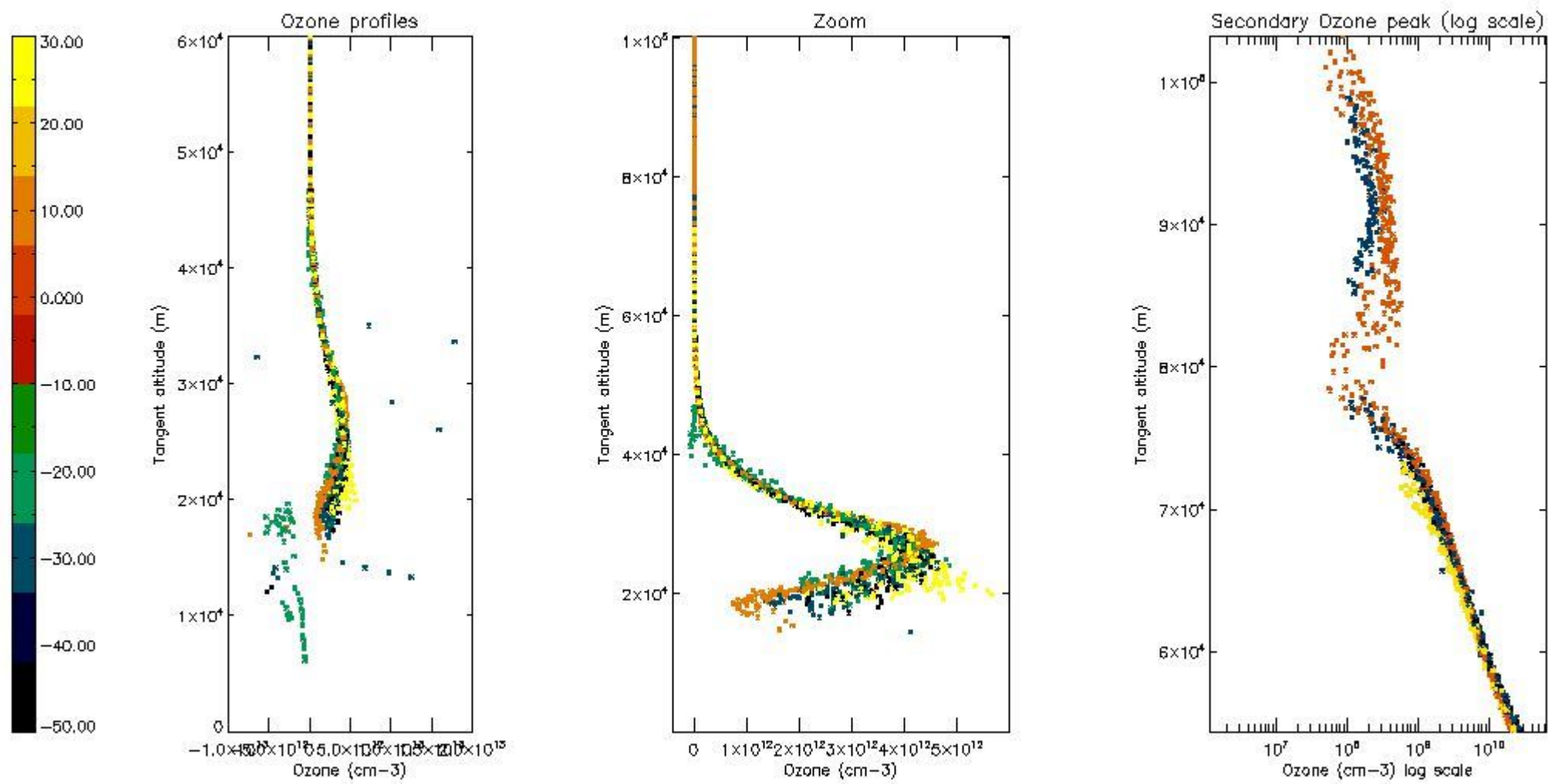
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



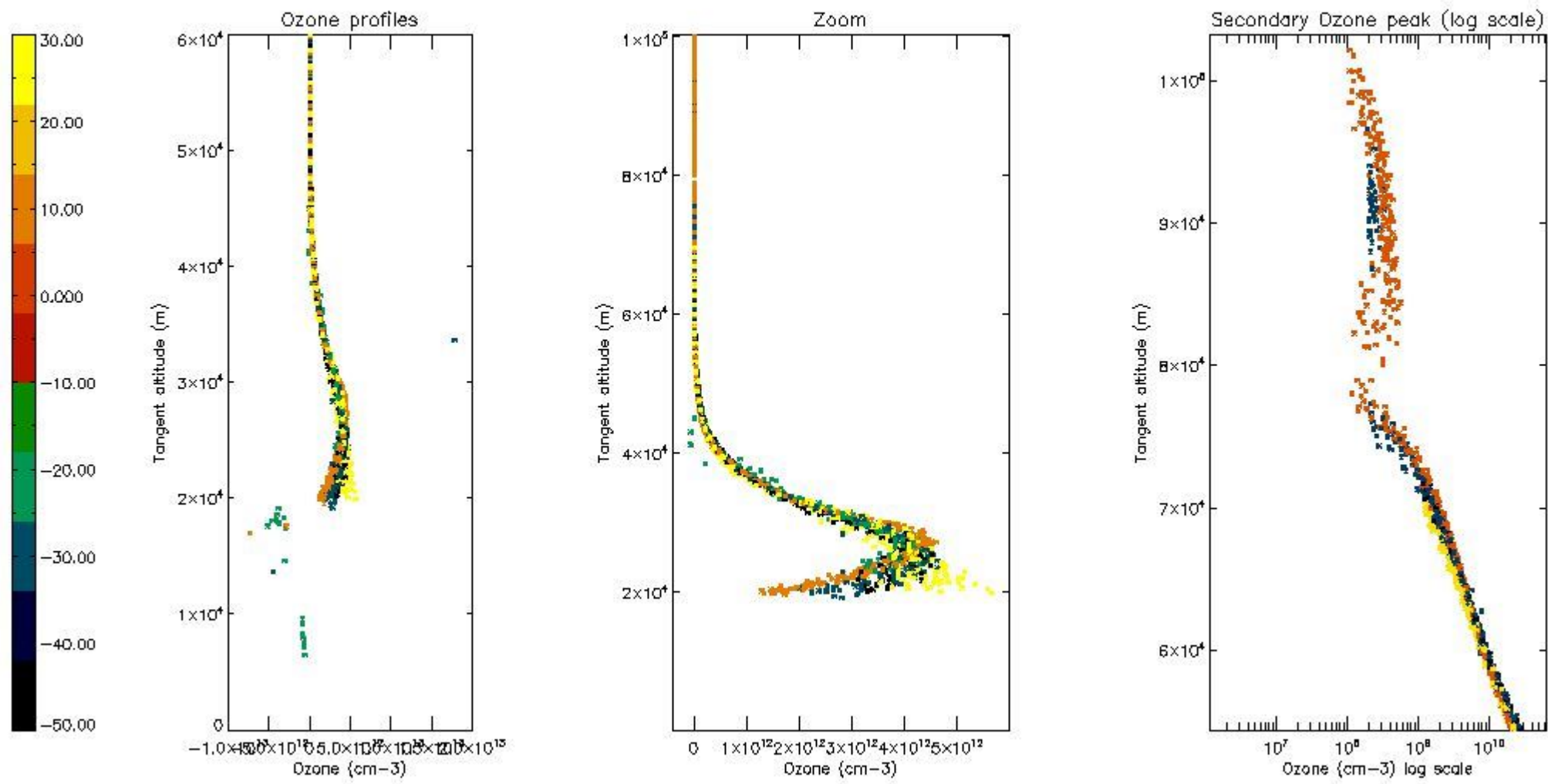
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



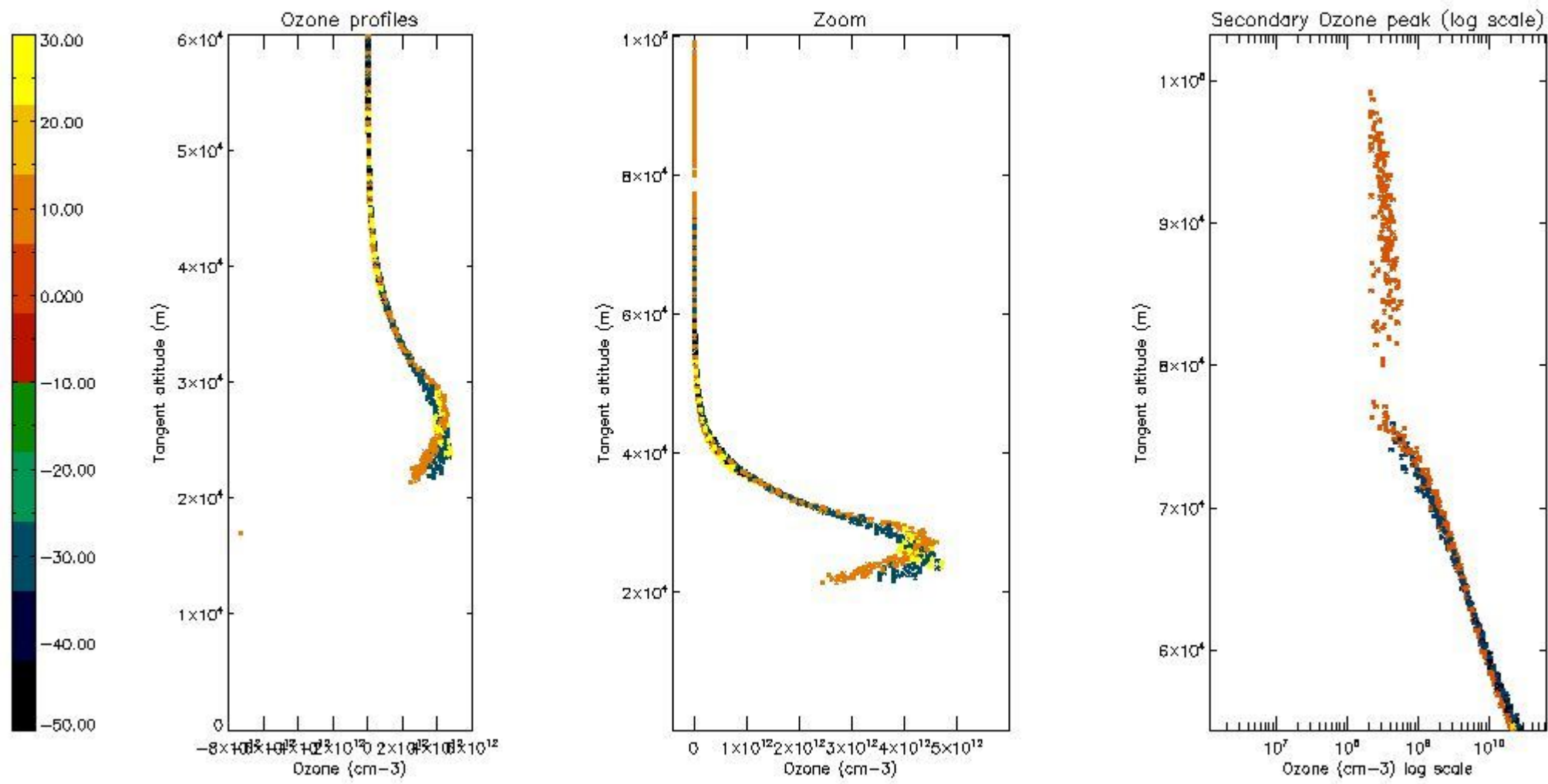
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



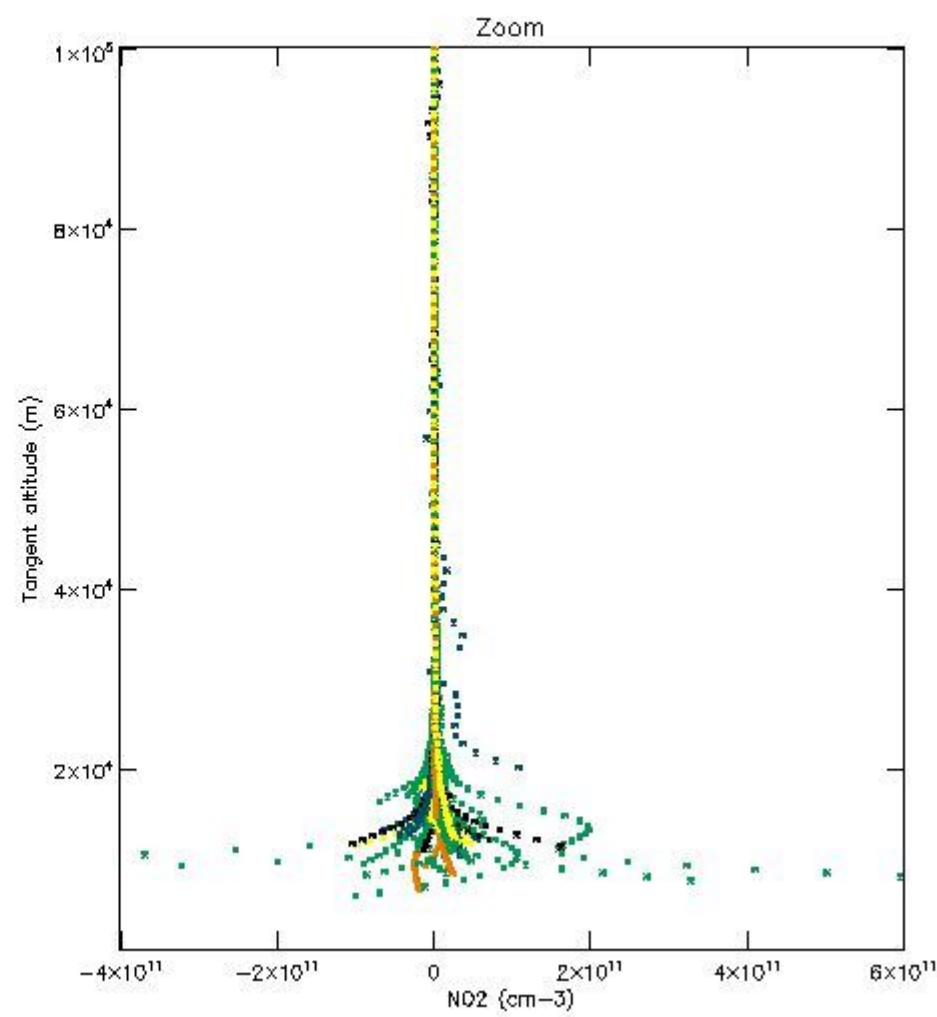
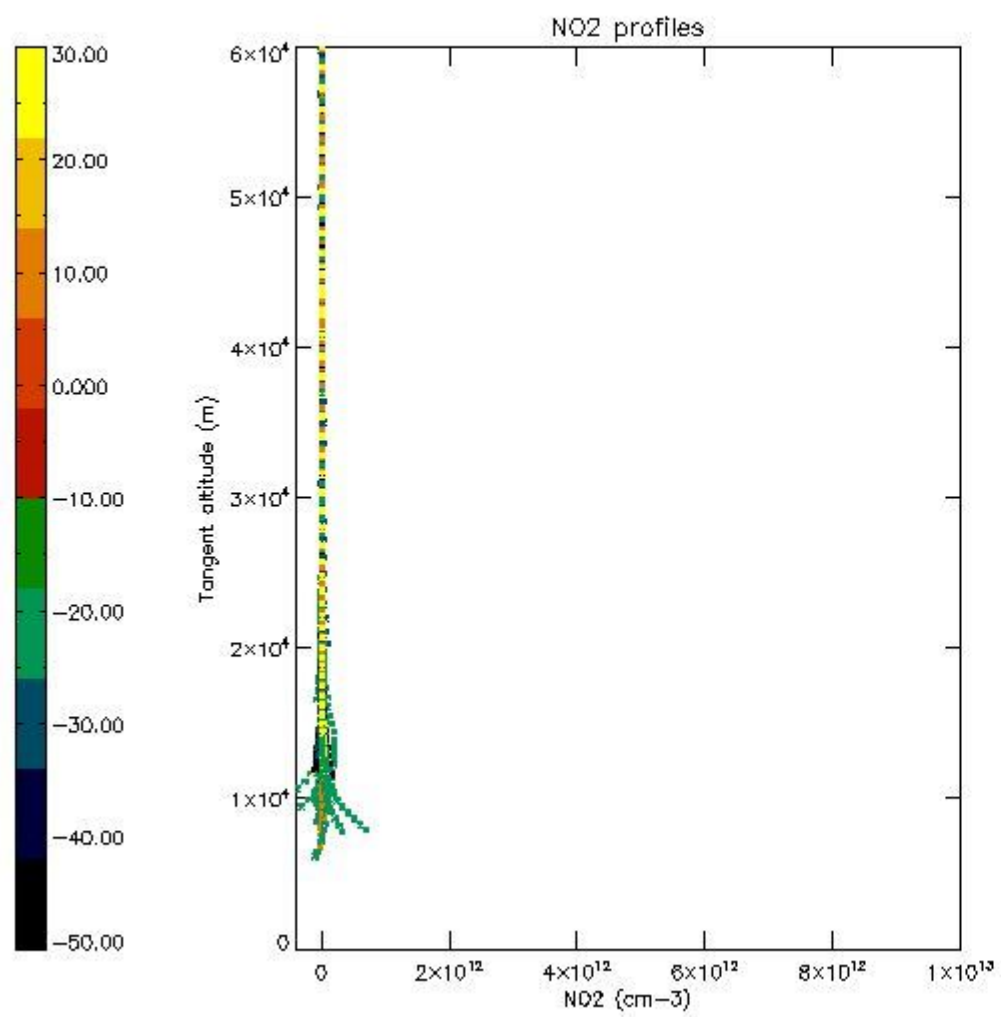
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



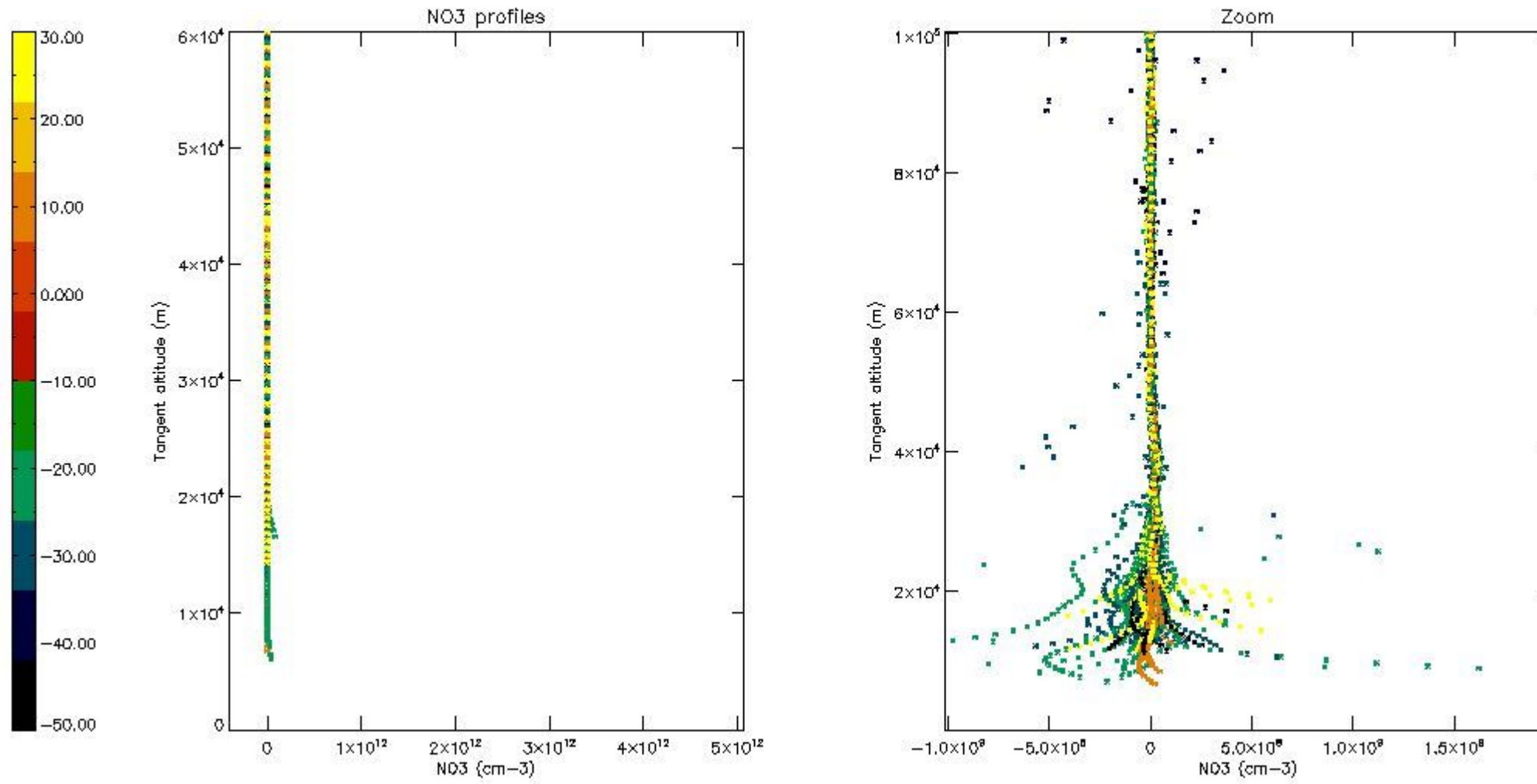
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	23-FEB-2010 00:11:31
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-FEB-2010 00:11:31
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-FEB-2010 00:11:31

GOMOS Level 2 Daily Report

SUMMARY

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[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 \(time dependant\)](#)

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[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](#)

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[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](#)

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	26APR2013 17:34:46
Data source version	GOMOS/6.01
Start time of products	23-02-2010 (23FEB2010 00:00:00)
Stop time of products	24-02-2010 (24FEB2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	169
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__2PRFIN20100223_001131_000000442087_00102_41739_6334.N1	23-FEB-2010 00:11:31	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	41739	No
2	GOM_NL__2PRFIN20100223_001831_000000372087_00102_41739_6335.N1	23-FEB-2010 00:18:31	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	41739	No
3	GOM_NL__2PRFIN20100223_002757_000000602087_00102_41739_6336.N1	23-FEB-2010 00:27:57	Bright	60.000	69	33Gam Dra	2.2310	3800.0	120	41739	No
4	GOM_NL__2PRFIN20100223_003206_000000422087_00102_41739_6337.N1	23-FEB-2010 00:32:06	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	41739	No
5	GOM_NL__2PRFIN20100223_003920_000000372087_00102_41739_6338.N1	23-FEB-2010 00:39:20	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	41739	No
6	GOM_NL__2PRFIN20100223_005611_000000412087_00102_41739_6339.N1	23-FEB-2010 00:56:11	Dark	41.000	25	35Lam Sco	1.6200	28000.	82	41739	No
7	GOM_NL__2PRFIN20100223_005752_000000592087_00102_41739_6340.N1	23-FEB-2010 00:57:52	Dark	58.500	75	26Eps Sco	2.2910	4250.0	117	41739	No
8	GOM_NL__2PRFIN20100223_010805_000000452087_00103_41740_6337.N1	23-FEB-2010 01:08:05	Dark	45.000	10	Bet Cen	0.61000	28000.	90	41740	No
9	GOM_NL__2PRFIN20100223_011301_000000472087_00103_41740_6338.N1	23-FEB-2010 01:13:01	Dark	46.500	64	Gam Cen	2.2000	10600.	93	41740	No
10	GOM_NL__2PRFIN20100223_011633_000000412087_00103_41740_6339.N1	23-FEB-2010 01:16:33	Straylight	40.500	113	Mu Vel	2.6920	5000.0	81	41740	No
11	GOM_NL__2PRFIN20100223_012930_000000482087_00103_41740_6340.N1	23-FEB-2010 01:29:30	Twilight_and_stray	48.000	48	30Alp Hya	1.9770	4100.0	96	41740	No
12	GOM_NL__2PRFIN20100223_013929_000000432087_00103_41740_6341.N1	23-FEB-2010 01:39:29	Bright	43.000	166	17Eps Leo	2.9800	6000.0	86	41740	No
13	GOM_NL__2PRFIN20100223_015206_000000562087_00103_41740_6342.N1	23-FEB-2010 01:52:06	Bright	55.500	36	50Alp UMa	1.8000	6300.0	111	41740	No
14	GOM_NL__2PRFIN20100223_015907_000000432087_00103_41740_6343.N1	23-FEB-2010 01:59:07	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	41740	No
15	GOM_NL__2PRFIN20100223_020833_000000542087_00103_41740_6344.N1	23-FEB-2010 02:08:33	Bright	53.500	69	33Gam Dra	2.2310	3800.0	107	41740	No
16	GOM_NL__2PRFIN20100223_021242_000000442087_00103_41740_6345.N1	23-FEB-2010 02:12:42	Bright	44.000	5	3Alp Lyr	0.033000	11000.	88	41740	No
17	GOM_NL__2PRFIN20100223_023648_000000422087_00103_41740_6346.N1	23-FEB-2010 02:36:48	Dark	41.500	25	35Lam Sco	1.6200	28000.	83	41740	No
18	GOM_NL__2PRFIN20100223_023829_000000492087_00103_41740_6347.N1	23-FEB-2010 02:38:29	Dark	49.000	75	26Eps Sco	2.2910	4250.0	98	41740	No
19	GOM_NL__2PRFIN20100223_024841_000000432087_00104_41741_6345.N1	23-FEB-2010 02:48:41	Dark	42.500	10	Bet Cen	0.61000	28000.	85	41741	No
20	GOM_NL__2PRFIN20100223_025337_000000452087_00104_41741_6346.N1	23-FEB-2010 02:53:37	Dark	44.500	64	Gam Cen	2.2000	10600.	89	41741	No
21	GOM_NL__2PRFIN20100223_025709_000000442087_00104_41741_6347.N1	23-FEB-2010 02:57:09	Straylight	43.500	113	Mu Vel	2.6920	5000.0	87	41741	No
22	GOM_NL__2PRFIN20100223_031007_000000472087_00104_41741_6348.N1	23-FEB-2010 03:10:07	Twilight_and_stray	47.000	48	30Alp Hya	1.9770	4100.0	94	41741	No
23	GOM_NL__2PRFIN20100223_032005_000000432087_00104_41741_6349.N1	23-FEB-2010 03:20:05	Bright	43.000	166	17Eps Leo	2.9800	6000.0	86	41741	No
24	GOM_NL__2PRFIN20100223_033242_000000432087_00104_41741_6350.N1	23-FEB-2010 03:32:42	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	41741	No
25	GOM_NL__2PRFIN20100223_033943_000000392087_00104_41741_6351.N1	23-FEB-2010 03:39:43	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	41741	No
26	GOM_NL__2PRFIN20100223_034909_000000452087_00104_41741_6352.N1	23-FEB-2010 03:49:09	Bright	45.000	69	33Gam Dra	2.2310	3800.0	90	41741	No
27	GOM_NL__2PRFIN20100223_035318_000000442087_00104_41741_6353.N1	23-FEB-2010 03:53:18	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	41741	No
28	GOM_NL__2PRFIN20100223_041724_000000482087_00104_41741_6354.N1	23-FEB-2010 04:17:24	Dark	47.500	25	35Lam Sco	1.6200	28000.	95	41741	No
29	GOM_NL__2PRFIN20100223_041906_000000482087_00104_41741_6355.N1	23-FEB-2010 04:19:06	Dark	47.500	75	26Eps Sco	2.2910	4250.0	95	41741	No
30	GOM_NL__2PRFIN20100223_042917_000000442087_00105_41742_6353.N1	23-FEB-2010 04:29:17	Dark	43.500	10	Bet Cen	0.61000	28000.	87	41742	No
31	GOM_NL__2PRFIN20100223_043414_000000452087_00105_41742_6354.N1	23-FEB-2010 04:34:14	Dark	44.500	64	Gam Cen	2.2000	10600.	89	41742	No
32	GOM_NL__2PRFIN20100223_043745_000000442087_00105_41742_6355.N1	23-FEB-2010 04:37:45	Straylight	43.500	113	Mu Vel	2.6920	5000.0	87	41742	No
33	GOM_NL__2PRFIN20100223_045043_000000462087_00105_41742_6356.N1	23-FEB-2010 04:50:43	Twilight_and_stray	46.000	48	30Alp Hya	1.9770	4100.0	92	41742	No
34	GOM_NL__2PRFIN20100223_050040_000000432087_00105_41742_6357.N1	23-FEB-2010 05:00:40	Bright	42.500	166	17Eps Leo	2.9800	6000.0	85	41742	No
35	GOM_NL__2PRFIN20100223_051317_000000432087_00105_41742_6358.N1	23-FEB-2010 05:13:17	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	41742	No
36	GOM_NL__2PRFIN20100223_052018_000000422087_00105_41742_6359.N1	23-FEB-2010 05:20:18	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	41742	No
37	GOM_NL__2PRFIN20100223_052945_000000442087_00105_41742_6360.N1	23-FEB-2010 05:29:45	Bright	43.500	69	33Gam Dra	2.2310	3800.0	87	41742	No
38	GOM_NL__2PRFIN20100223_053354_000000402087_00105_41742_6361.N1	23-FEB-2010 05:33:54	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	41742	No
39	GOM_NL__2PRFIN20100223_055801_000000432087_00105_41742_6362.N1	23-FEB-2010 05:58:01	Dark	43.000	25	35Lam Sco	1.6200	28000.	86	41742	No
40	GOM_NL__2PRFIN20100223_055942_000000562087_00105_41742_6363.N1	23-FEB-2010 05:59:42	Dark	56.000	75	26Eps Sco	2.2910	4250.0	112	41742	No
41	GOM_NL__2PRFIN20100223_060954_000000442087_00106_41743_6361.N1	23-FEB-2010 06:09:54	Dark	43.500	10	Bet Cen	0.61000	28000.	87	41743	No
42	GOM_NL__2PRFIN20100223_061451_000000482087_00106_41743_6362.N1	23-FEB-2010 06:14:51	Dark	48.000	64	Gam Cen	2.2000	10600.	96	41743	No

43	GOM_NL__2PRFIN20100223_061821_000000422087_00106_41743_6363.N1	23-FEB-2010 06:18:21	Straylight	42.000	113	Mu Vel	2.6920	5000.0	84	41743	No
44	GOM_NL__2PRFIN20100223_063119_000000452087_00106_41743_6364.N1	23-FEB-2010 06:31:19	Twl_and_stray	44.500	48	30Alp Hya	1.9770	4100.0	89	41743	No
45	GOM_NL__2PRFIN20100223_064116_000000422087_00106_41743_6365.N1	23-FEB-2010 06:41:16	Bright	42.000	166	17Eps Leo	2.9800	6000.0	84	41743	No
46	GOM_NL__2PRFIN20100223_065353_000000432087_00106_41743_6366.N1	23-FEB-2010 06:53:53	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	41743	No
47	GOM_NL__2PRFIN20100223_070054_000000372087_00106_41743_6367.N1	23-FEB-2010 07:00:54	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	41743	No
48	GOM_NL__2PRFIN20100223_071021_000000462087_00106_41743_6368.N1	23-FEB-2010 07:10:21	Bright	46.000	69	33Gam Dra	2.2310	3800.0	92	41743	No
49	GOM_NL__2PRFIN20100223_071430_000000382087_00106_41743_6369.N1	23-FEB-2010 07:14:30	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	41743	No
50	GOM_NL__2PRFIN20100223_073838_000000462087_00106_41743_6370.N1	23-FEB-2010 07:38:38	Dark	46.000	25	35Lam Sco	1.6200	28000.	92	41743	No
51	GOM_NL__2PRFIN20100223_074019_000000612087_00106_41743_6371.N1	23-FEB-2010 07:40:19	Dark	60.500	75	26Eps Sco	2.2910	4250.0	121	41743	No
52	GOM_NL__2PRFIN20100223_075031_000000522087_00107_41744_6371.N1	23-FEB-2010 07:50:31	Dark	52.000	10	Bet Cen	0.61000	28000.	104	41744	No
53	GOM_NL__2PRFIN20100223_075527_000000462087_00107_41744_6372.N1	23-FEB-2010 07:55:27	Dark	46.000	64	Gam Cen	2.2000	10600.	92	41744	No
54	GOM_NL__2PRFIN20100223_075858_000000442087_00107_41744_6373.N1	23-FEB-2010 07:58:58	Straylight	43.500	113	Mu Vel	2.6920	5000.0	87	41744	No
55	GOM_NL__2PRFIN20100223_081155_000000462087_00107_41744_6374.N1	23-FEB-2010 08:11:55	Twl_and_stray	46.000	48	30Alp Hya	1.9770	4100.0	92	41744	No
56	GOM_NL__2PRFIN20100223_082152_000000422087_00107_41744_6375.N1	23-FEB-2010 08:21:52	Bright	42.000	166	17Eps Leo	2.9800	6000.0	84	41744	No
57	GOM_NL__2PRFIN20100223_083428_000000422087_00107_41744_6376.N1	23-FEB-2010 08:34:28	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	41744	No
58	GOM_NL__2PRFIN20100223_084130_000000432087_00107_41744_6377.N1	23-FEB-2010 08:41:30	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41744	No
59	GOM_NL__2PRFIN20100223_085057_000000392087_00107_41744_6378.N1	23-FEB-2010 08:50:57	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	41744	No
60	GOM_NL__2PRFIN20100223_085506_000000402087_00107_41744_6379.N1	23-FEB-2010 08:55:06	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	41744	No
61	GOM_NL__2PRFIN20100223_091914_000000472087_00107_41744_6380.N1	23-FEB-2010 09:19:14	Dark	47.000	25	35Lam Sco	1.6200	28000.	94	41744	No
62	GOM_NL__2PRFIN20100223_092057_000000492087_00107_41744_6381.N1	23-FEB-2010 09:20:57	Dark	48.500	75	26Eps Sco	2.2910	4250.0	97	41744	No
63	GOM_NL__2PRFIN20100223_093107_000000492087_00108_41745_6380.N1	23-FEB-2010 09:31:07	Dark	49.000	10	Bet Cen	0.61000	28000.	98	41745	No
64	GOM_NL__2PRFIN20100223_093604_000000462087_00108_41745_6381.N1	23-FEB-2010 09:36:04	Dark	45.500	64	Gam Cen	2.2000	10600.	91	41745	No
65	GOM_NL__2PRFIN20100223_093934_000000412087_00108_41745_6382.N1	23-FEB-2010 09:39:34	Straylight	41.000	113	Mu Vel	2.6920	5000.0	82	41745	No
66	GOM_NL__2PRFIN20100223_095231_000000472087_00108_41745_6383.N1	23-FEB-2010 09:52:31	Twl_and_stray	47.000	48	30Alp Hya	1.9770	4100.0	94	41745	No
67	GOM_NL__2PRFIN20100223_100227_000000412087_00108_41745_6384.N1	23-FEB-2010 10:02:27	Bright	41.000	166	17Eps Leo	2.9800	6000.0	82	41745	No
68	GOM_NL__2PRFIN20100223_101504_000000432087_00108_41745_6385.N1	23-FEB-2010 10:15:04	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	41745	No
69	GOM_NL__2PRFIN20100223_102205_000000432087_00108_41745_6386.N1	23-FEB-2010 10:22:05	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41745	No
70	GOM_NL__2PRFIN20100223_103132_000000432087_00108_41745_6387.N1	23-FEB-2010 10:31:32	Bright	43.000	69	33Gam Dra	2.2310	3800.0	86	41745	No
71	GOM_NL__2PRFIN20100223_103542_000000392087_00108_41745_6388.N1	23-FEB-2010 10:35:42	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	41745	No
72	GOM_NL__2PRFIN20100223_105951_000000482087_00108_41745_6389.N1	23-FEB-2010 10:59:51	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	41745	No
73	GOM_NL__2PRFIN20100223_110133_000000572087_00108_41745_6390.N1	23-FEB-2010 11:01:33	Dark	57.000	75	26Eps Sco	2.2910	4250.0	114	41745	No
74	GOM_NL__2PRFIN20100223_111144_000000422087_00109_41746_6410.N1	23-FEB-2010 11:11:44	Dark	41.500	10	Bet Cen	0.61000	28000.	83	41746	No
75	GOM_NL__2PRFIN20100223_111641_000000512087_00109_41746_6411.N1	23-FEB-2010 11:16:41	Dark	51.000	64	Gam Cen	2.2000	10600.	102	41746	No
76	GOM_NL__2PRFIN20100223_112010_000000452087_00109_41746_6412.N1	23-FEB-2010 11:20:10	Straylight	44.500	113	Mu Vel	2.6920	5000.0	89	41746	No
77	GOM_NL__2PRFIN20100223_113307_000000472087_00109_41746_6413.N1	23-FEB-2010 11:33:07	Twl_and_stray	46.500	48	30Alp Hya	1.9770	4100.0	93	41746	No
78	GOM_NL__2PRFIN20100223_114303_000000422087_00109_41746_6414.N1	23-FEB-2010 11:43:03	Bright	42.000	166	17Eps Leo	2.9800	6000.0	84	41746	No
79	GOM_NL__2PRFIN20100223_115539_000000432087_00109_41746_6415.N1	23-FEB-2010 11:55:39	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	41746	No
80	GOM_NL__2PRFIN20100223_120241_000000382087_00109_41746_6416.N1	23-FEB-2010 12:02:41	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	41746	No
81	GOM_NL__2PRFIN20100223_121208_000000452087_00109_41746_6417.N1	23-FEB-2010 12:12:08	Bright	44.500	69	33Gam Dra	2.2310	3800.0	89	41746	No
82	GOM_NL__2PRFIN20100223_121618_000000402087_00109_41746_6418.N1	23-FEB-2010 12:16:18	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	41746	No
83	GOM_NL__2PRFIN20100223_124028_000000472087_00109_41746_6419.N1	23-FEB-2010 12:40:28	Dark	47.000	25	35Lam Sco	1.6200	28000.	94	41746	No
84	GOM_NL__2PRFIN20100223_124210_000000562087_00109_41746_6420.N1	23-FEB-2010 12:42:10	Dark	56.000	75	26Eps Sco	2.2910	4250.0	112	41746	No
85	GOM_NL__2PRFIN20100223_125220_000000452087_00110_41747_6418.N1	23-FEB-2010 12:52:20	Dark	44.500	10	Bet Cen	0.61000	28000.	89	41747	No
86	GOM_NL__2PRFIN20100223_125717_000000452087_00110_41747_6419.N1	23-FEB-2010 12:57:17	Dark	45.000	64	Gam Cen	2.2000	10600.	90	41747	No
87	GOM_NL__2PRFIN20100223_130047_000000392087_00110_41747_6420.N1	23-FEB-2010 13:00:47	Straylight	38.500	113	Mu Vel	2.6920	5000.0	77	41747	No
88	GOM_NL__2PRFIN20100223_131343_000000462087_00110_41747_6421.N1	23-FEB-2010 13:13:43	Twl_and_stray	46.000	48	30Alp Hya	1.9770	4100.0	92	41747	No
89	GOM_NL__2PRFIN20100223_132338_000000412087_00110_41747_6422.N1	23-FEB-2010 13:23:38	Bright	41.000	166	17Eps Leo	2.9800	6000.0	82	41747	No
90	GOM_NL__2PRFIN20100223_133615_000000422087_00110_41747_6423.N1	23-FEB-2010 13:36:15	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	41747	No
91	GOM_NL__2PRFIN20100223_134316_000000382087_00110_41747_6424.N1	23-FEB-2010 13:43:16	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	41747	No
92	GOM_NL__2PRFIN20100223_135244_000000432087_00110_41747_6425.N1	23-FEB-2010 13:52:44	Bright	42.500	69	33Gam Dra	2.2310	3800.0	85	41747	No
93	GOM_NL__2PRFIN20100223_135654_000000422087_00110_41747_6426.N1	23-FEB-2010 13:56:54	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	41747	No
94	GOM_NL__2PRFIN20100223_140410_000000552087_00110_41747_6427.N1	23-FEB-2010 14:04:10	Bright	55.000	168	17Zet Aql	2.9860	11000.	110	41747	No
95	GOM_NL__2PRFIN20100223_142104_000000442087_00110_41747_6428.N1	23-FEB-2010 14:21:04	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	41747	No
96	GOM_NL__2PRFIN20100223_142247_000000502087_00110_41747_6429.N1	23-FEB-2010 14:22:47	Dark	49.500	75	26Eps Sco	2.2910	4250.0	99	41747	No
97	GOM_NL__2PRFIN20100223_143257_000000472087_00111_41748_6426.N1	23-FEB-2010 14:32:57	Dark	47.000	10	Bet Cen	0.61000	28000.	94	41748	No
98	GOM_NL__2PRFIN20100223_143754_000000502087_00111_41748_6427.N1	23-FEB-2010 14:37:54	Dark	50.000	64	Gam Cen	2.2000	10600.	100	41748	No
99	GOM_NL__2PRFIN20100223_144123_000000422087_00111_41748_6428.N1	23-FEB-2010 14:41:23	Straylight	42.000	113	Mu Vel	2.6920	5000.0	84	41748	No
100	GOM_NL__2PRFIN20100223_145419_000000472087_00111_41748_6429.N1	23-FEB-2010 14:54:19	Twl_and_stray	46.500	48	30Alp Hya	1.9770	4100.0	93	41748	No
101	GOM_NL__2PRFIN20100223_150414_000000422087_00111_41748_6430.N1	23-FEB-2010 15:04:14	Bright	41.500	166	17Eps Leo	2.9800	6000.0	83	41748	No

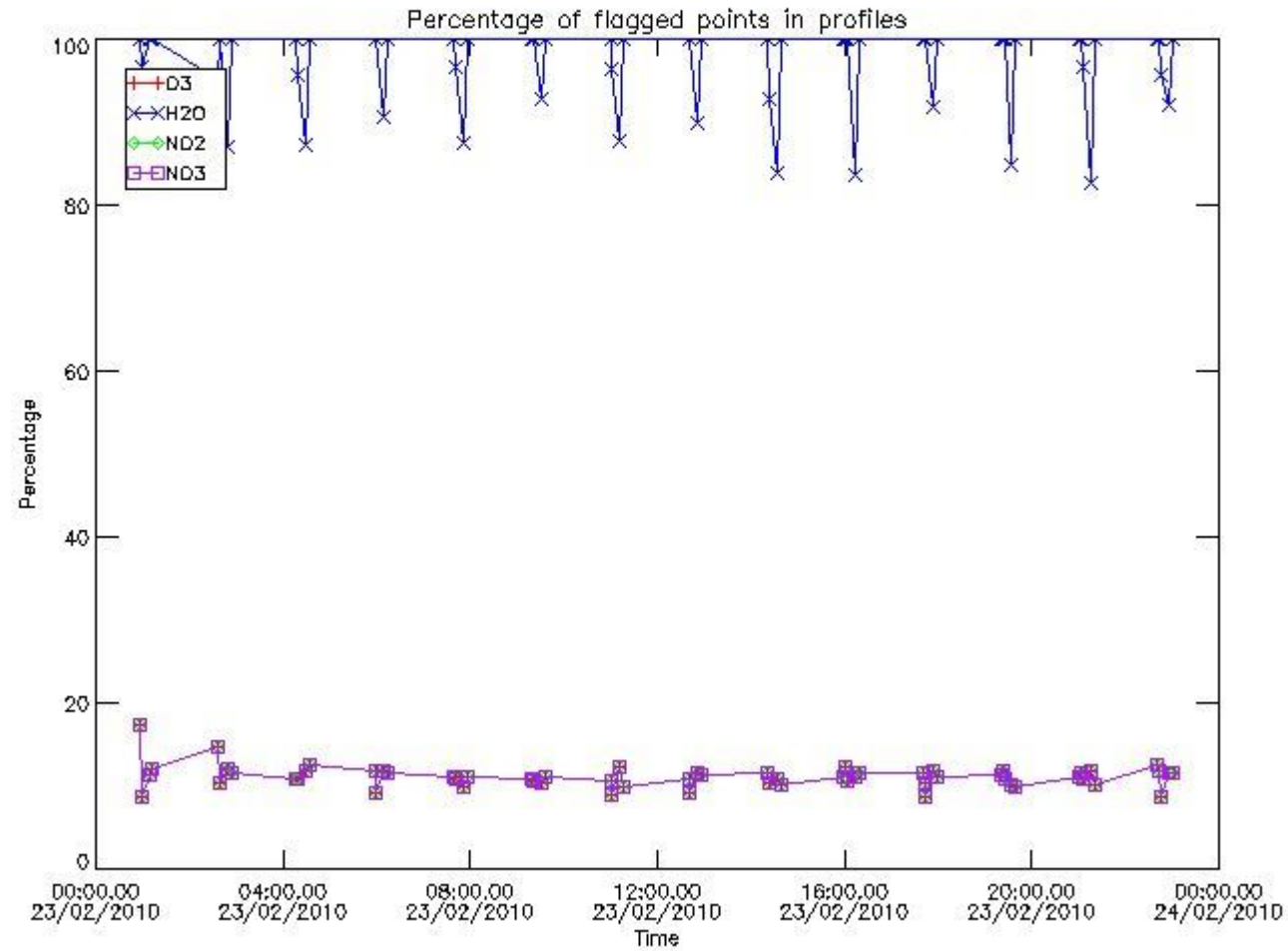
102	GOM_NL__2PRFIN20100223_151650_000000432087_00111_41748_6431.N1	23-FEB-2010 15:16:50	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	41748	No
103	GOM_NL__2PRFIN20100223_152352_000000432087_00111_41748_6432.N1	23-FEB-2010 15:23:52	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	41748	No
104	GOM_NL__2PRFIN20100223_153320_000000392087_00111_41748_6433.N1	23-FEB-2010 15:33:20	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	41748	No
105	GOM_NL__2PRFIN20100223_153730_000000402087_00111_41748_6434.N1	23-FEB-2010 15:37:30	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	41748	No
106	GOM_NL__2PRFIN20100223_154446_000000552087_00111_41748_6435.N1	23-FEB-2010 15:44:46	Bright	55.000	168	17Zet Aql	2.9860	11000.	110	41748	No
107	GOM_NL__2PRFIN20100223_155908_000000462087_00111_41748_6436.N1	23-FEB-2010 15:59:08	Dark	45.500	38	20Eps Sgr	1.8360	11000.	91	41748	No
108	GOM_NL__2PRFIN20100223_160141_000000422087_00111_41748_6437.N1	23-FEB-2010 16:01:41	Dark	41.500	25	35Lam Sco	1.6200	28000.	83	41748	No
109	GOM_NL__2PRFIN20100223_160324_000000582087_00111_41748_6438.N1	23-FEB-2010 16:03:24	Dark	57.500	75	26Eps Sco	2.2910	4250.0	115	41748	No
110	GOM_NL__2PRFIN20100223_161333_000000462087_00112_41749_6434.N1	23-FEB-2010 16:13:33	Dark	46.000	10	Bet Cen	0.61000	28000.	92	41749	No
111	GOM_NL__2PRFIN20100223_161830_000000452087_00112_41749_6435.N1	23-FEB-2010 16:18:30	Dark	44.500	64	Gam Cen	2.2000	10600.	89	41749	No
112	GOM_NL__2PRFIN20100223_162159_000000412087_00112_41749_6436.N1	23-FEB-2010 16:21:59	Straylight	41.000	113	Mu Vel	2.6920	5000.0	82	41749	No
113	GOM_NL__2PRFIN20100223_163455_000000442087_00112_41749_6437.N1	23-FEB-2010 16:34:55	Tw_i_and_stray	43.500	48	30Alp Hya	1.9770	4100.0	87	41749	No
114	GOM_NL__2PRFIN20100223_164450_000000422087_00112_41749_6438.N1	23-FEB-2010 16:44:50	Bright	41.500	166	17Eps Leo	2.9800	6000.0	83	41749	No
115	GOM_NL__2PRFIN20100223_165726_000000422087_00112_41749_6439.N1	23-FEB-2010 16:57:26	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	41749	No
116	GOM_NL__2PRFIN20100223_170427_000000592087_00112_41749_6440.N1	23-FEB-2010 17:04:27	Bright	59.000	60	7Bet UMi	2.0810	3950.0	118	41749	No
117	GOM_NL__2PRFIN20100223_171356_000000442087_00112_41749_6441.N1	23-FEB-2010 17:13:56	Bright	44.000	69	33Gam Dra	2.2310	3800.0	88	41749	No
118	GOM_NL__2PRFIN20100223_171806_000000402087_00112_41749_6442.N1	23-FEB-2010 17:18:06	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	41749	No
119	GOM_NL__2PRFIN20100223_172522_000000362087_00112_41749_6443.N1	23-FEB-2010 17:25:22	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	41749	No
120	GOM_NL__2PRFIN20100223_173945_000000442087_00112_41749_6444.N1	23-FEB-2010 17:39:45	Dark	44.000	38	20Eps Sgr	1.8360	11000.	88	41749	No
121	GOM_NL__2PRFIN20100223_174218_000000502087_00112_41749_6445.N1	23-FEB-2010 17:42:18	Dark	49.500	25	35Lam Sco	1.6200	28000.	99	41749	No
122	GOM_NL__2PRFIN20100223_174401_000000582087_00112_41749_6446.N1	23-FEB-2010 17:44:01	Dark	58.000	75	26Eps Sco	2.2910	4250.0	116	41749	No
123	GOM_NL__2PRFIN20100223_175410_000000432087_00113_41750_6442.N1	23-FEB-2010 17:54:10	Dark	43.000	10	Bet Cen	0.61000	28000.	86	41750	No
124	GOM_NL__2PRFIN20100223_175907_000000462087_00113_41750_6443.N1	23-FEB-2010 17:59:07	Dark	45.500	64	Gam Cen	2.2000	10600.	91	41750	No
125	GOM_NL__2PRFIN20100223_180236_000000442087_00113_41750_6444.N1	23-FEB-2010 18:02:36	Straylight	43.500	113	Mu Vel	2.6920	5000.0	87	41750	No
126	GOM_NL__2PRFIN20100223_181531_000000482087_00113_41750_6445.N1	23-FEB-2010 18:15:31	Tw_i_and_stray	48.000	48	30Alp Hya	1.9770	4100.0	96	41750	No
127	GOM_NL__2PRFIN20100223_182526_000000422087_00113_41750_6446.N1	23-FEB-2010 18:25:26	Bright	42.000	166	17Eps Leo	2.9800	6000.0	84	41750	No
128	GOM_NL__2PRFIN20100223_183801_000000432087_00113_41750_6447.N1	23-FEB-2010 18:38:01	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	41750	No
129	GOM_NL__2PRFIN20100223_184503_000000432087_00113_41750_6448.N1	23-FEB-2010 18:45:03	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	41750	No
130	GOM_NL__2PRFIN20100223_185431_000000442087_00113_41750_6449.N1	23-FEB-2010 18:54:31	Bright	43.500	69	33Gam Dra	2.2310	3800.0	87	41750	No
131	GOM_NL__2PRFIN20100223_185842_000000392087_00113_41750_6450.N1	23-FEB-2010 18:58:42	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	41750	No
132	GOM_NL__2PRFIN20100223_190558_000000382087_00113_41750_6451.N1	23-FEB-2010 19:05:58	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	41750	No
133	GOM_NL__2PRFIN20100223_192021_000000452087_00113_41750_6452.N1	23-FEB-2010 19:20:21	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	41750	No
134	GOM_NL__2PRFIN20100223_192254_000000482087_00113_41750_6453.N1	23-FEB-2010 19:22:54	Dark	47.500	25	35Lam Sco	1.6200	28000.	95	41750	No
135	GOM_NL__2PRFIN20100223_192438_000000472087_00113_41750_6454.N1	23-FEB-2010 19:24:38	Dark	47.000	75	26Eps Sco	2.2910	4250.0	94	41750	No
136	GOM_NL__2PRFIN20100223_193447_000000502087_00114_41751_6450.N1	23-FEB-2010 19:34:47	Dark	50.000	10	Bet Cen	0.61000	28000.	100	41751	No
137	GOM_NL__2PRFIN20100223_193943_000000522087_00114_41751_6451.N1	23-FEB-2010 19:39:43	Dark	51.500	64	Gam Cen	2.2000	10600.	103	41751	No
138	GOM_NL__2PRFIN20100223_194312_000000452087_00114_41751_6452.N1	23-FEB-2010 19:43:12	Straylight	44.500	113	Mu Vel	2.6920	5000.0	89	41751	No
139	GOM_NL__2PRFIN20100223_195607_000000472087_00114_41751_6453.N1	23-FEB-2010 19:56:07	Tw_i_and_stray	46.500	48	30Alp Hya	1.9770	4100.0	93	41751	No
140	GOM_NL__2PRFIN20100223_200602_000000412087_00114_41751_6454.N1	23-FEB-2010 20:06:02	Bright	40.500	166	17Eps Leo	2.9800	6000.0	81	41751	No
141	GOM_NL__2PRFIN20100223_201836_000000442087_00114_41751_6455.N1	23-FEB-2010 20:18:36	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	41751	No
142	GOM_NL__2PRFIN20100223_202539_000000432087_00114_41751_6456.N1	23-FEB-2010 20:25:39	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41751	No
143	GOM_NL__2PRFIN20100223_203507_000000462087_00114_41751_6457.N1	23-FEB-2010 20:35:07	Bright	45.500	69	33Gam Dra	2.2310	3800.0	91	41751	No
144	GOM_NL__2PRFIN20100223_203918_000000412087_00114_41751_6458.N1	23-FEB-2010 20:39:18	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	41751	No
145	GOM_NL__2PRFIN20100223_204635_000000382087_00114_41751_6459.N1	23-FEB-2010 20:46:35	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	41751	No
146	GOM_NL__2PRFIN20100223_210057_000000462087_00114_41751_6460.N1	23-FEB-2010 21:00:57	Dark	45.500	38	20Eps Sgr	1.8360	11000.	91	41751	No
147	GOM_NL__2PRFIN20100223_210331_000000442087_00114_41751_6461.N1	23-FEB-2010 21:03:31	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	41751	No
148	GOM_NL__2PRFIN20100223_210515_000000612087_00114_41751_6462.N1	23-FEB-2010 21:05:15	Dark	61.000	75	26Eps Sco	2.2910	4250.0	122	41751	No
149	GOM_NL__2PRFIN20100223_211523_000000442087_00115_41752_6458.N1	23-FEB-2010 21:15:23	Dark	43.500	10	Bet Cen	0.61000	28000.	87	41752	No
150	GOM_NL__2PRFIN20100223_212020_000000502087_00115_41752_6459.N1	23-FEB-2010 21:20:20	Dark	50.000	64	Gam Cen	2.2000	10600.	100	41752	No
151	GOM_NL__2PRFIN20100223_212348_000000462087_00115_41752_6460.N1	23-FEB-2010 21:23:48	Straylight	45.500	113	Mu Vel	2.6920	5000.0	91	41752	No
152	GOM_NL__2PRFIN20100223_213643_000000482087_00115_41752_6461.N1	23-FEB-2010 21:36:43	Tw_i_and_stray	48.000	48	30Alp Hya	1.9770	4100.0	96	41752	No
153	GOM_NL__2PRFIN20100223_214637_000000412087_00115_41752_6462.N1	23-FEB-2010 21:46:37	Bright	41.000	166	17Eps Leo	2.9800	6000.0	82	41752	No
154	GOM_NL__2PRFIN20100223_215912_000000452087_00115_41752_6463.N1	23-FEB-2010 21:59:12	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	41752	No
155	GOM_NL__2PRFIN20100223_220614_000000402087_00115_41752_6464.N1	23-FEB-2010 22:06:14	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	41752	No
156	GOM_NL__2PRFIN20100223_221543_000000442087_00115_41752_6465.N1	23-FEB-2010 22:15:43	Bright	43.500	69	33Gam Dra	2.2310	3800.0	87	41752	No
157	GOM_NL__2PRFIN20100223_221954_000000412087_00115_41752_6466.N1	23-FEB-2010 22:19:54	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	41752	No
158	GOM_NL__2PRFIN20100223_222711_000000552087_00115_41752_6467.N1	23-FEB-2010 22:27:11	Bright	54.500	168	17Zet Aql	2.9860	11000.	109	41752	No
159	GOM_NL__2PRFIN20100223_224134_000000412087_00115_41752_6468.N1	23-FEB-2010 22:41:34	Dark	40.500	38	20Eps Sgr	1.8360	11000.	81	41752	No
160	GOM_NL__2PRFIN20100223_224407_000000482087_00115_41752_6469.N1	23-FEB-2010 22:44:07	Dark	47.500	25	35Lam Sco	1.6200	28000.	95	41752	No

161	GOM_NL__2PRFIN20100223_224552_000000592087_00115_41752_6470.N1	23-FEB-2010 22:45:52	Dark	58.500	75	26Eps Sco	2.2910	4250.0	117	41752	No
162	GOM_NL__2PRFIN20100223_225559_000000452087_00116_41753_6466.N1	23-FEB-2010 22:55:59	Dark	44.500	10	Bet Cen	0.61000	28000.	89	41753	No
163	GOM_NL__2PRFIN20100223_230057_000000492087_00116_41753_6467.N1	23-FEB-2010 23:00:57	Dark	48.500	64	Gam Cen	2.2000	10600.	97	41753	No
164	GOM_NL__2PRFIN20100223_230424_000000432087_00116_41753_6468.N1	23-FEB-2010 23:04:24	Straylight	43.000	113	Mu Vel	2.6920	5000.0	86	41753	No
165	GOM_NL__2PRFIN20100223_231719_000000432087_00116_41753_6469.N1	23-FEB-2010 23:17:19	Twilight	42.500	48	30Alp Hya	1.9770	4100.0	85	41753	No
166	GOM_NL__2PRFIN20100223_232712_000000422087_00116_41753_6470.N1	23-FEB-2010 23:27:12	Bright	41.500	166	17Eps Leo	2.9800	6000.0	83	41753	No
167	GOM_NL__2PRFIN20100223_233947_000000442087_00116_41753_6471.N1	23-FEB-2010 23:39:47	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	41753	No
168	GOM_NL__2PRFIN20100223_234650_000000392087_00116_41753_6472.N1	23-FEB-2010 23:46:50	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	41753	No
169	GOM_NL__2PRFIN20100223_235619_000000452087_00116_41753_6473.N1	23-FEB-2010 23:56:19	Bright	44.500	69	33Gam Dra	2.2310	3800.0	89	41753	No

3. Quality information per product

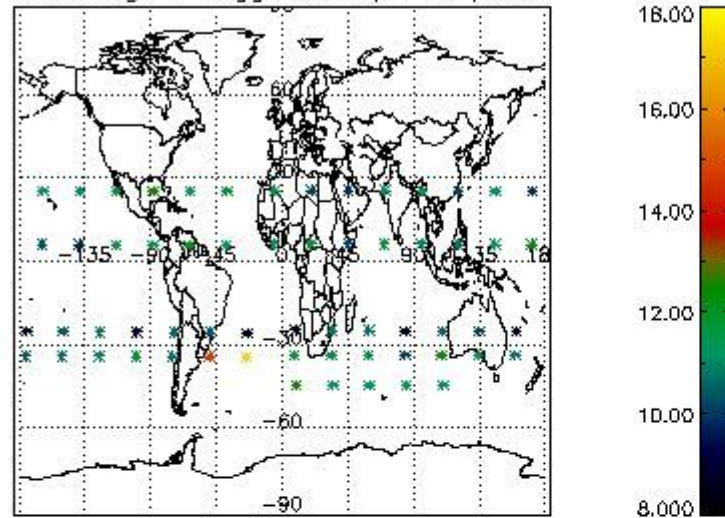
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

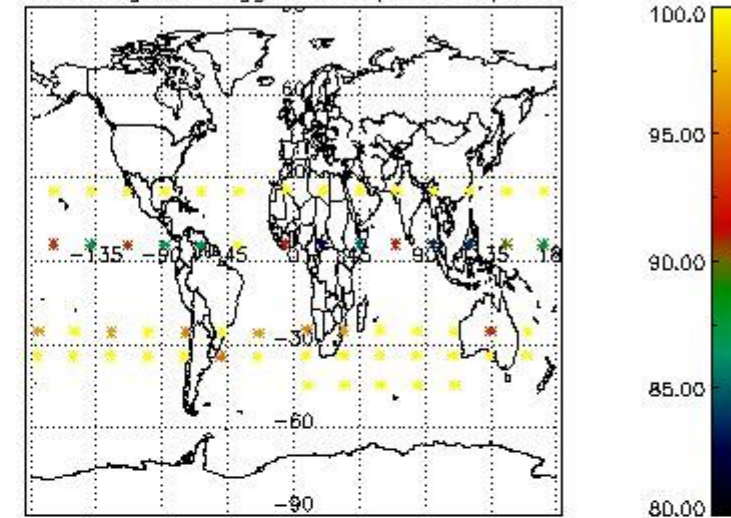


3.2 Plot quality information per product (world map)

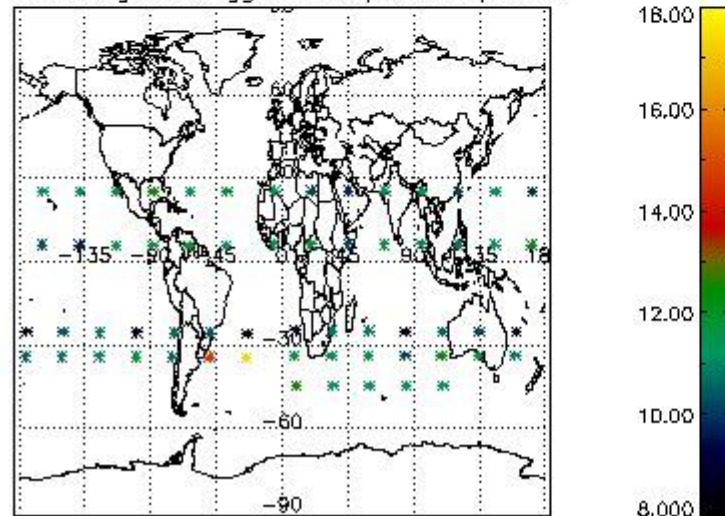
Percentage of flagged data per O3 profile



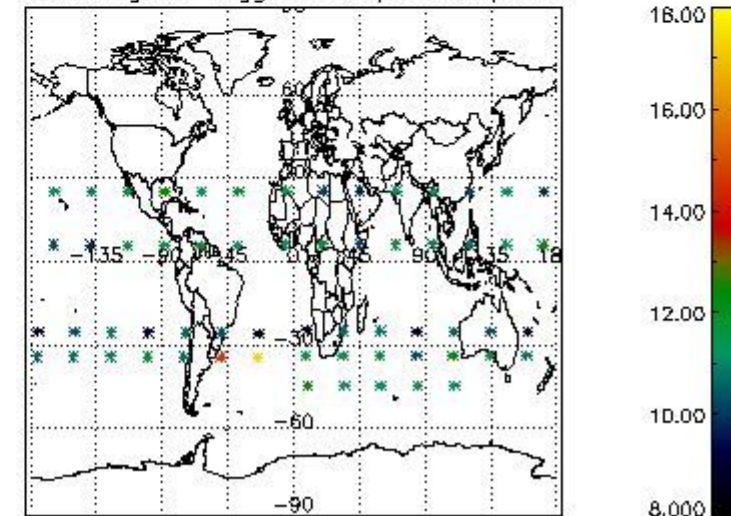
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

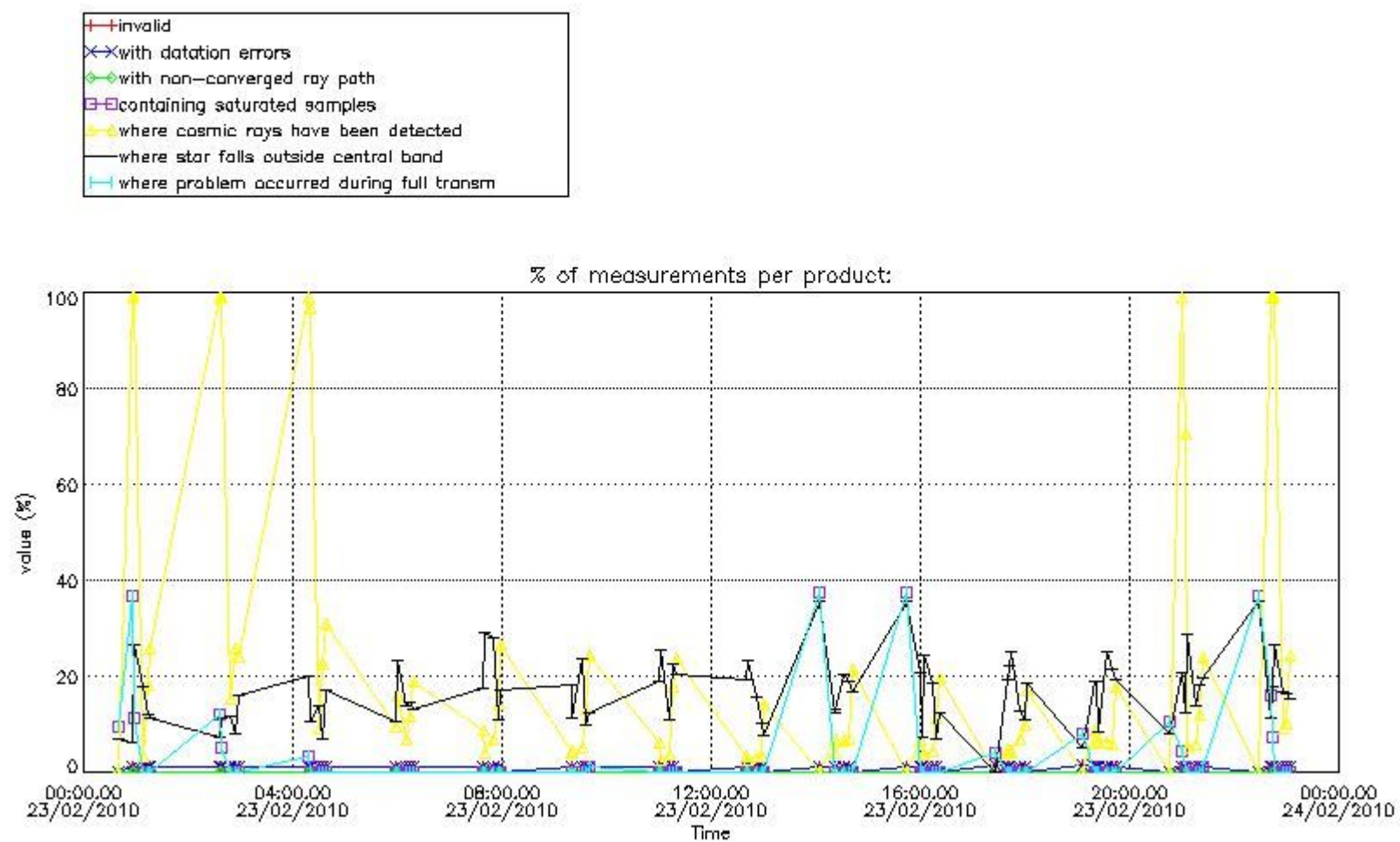


4. Level 1 quality information per product

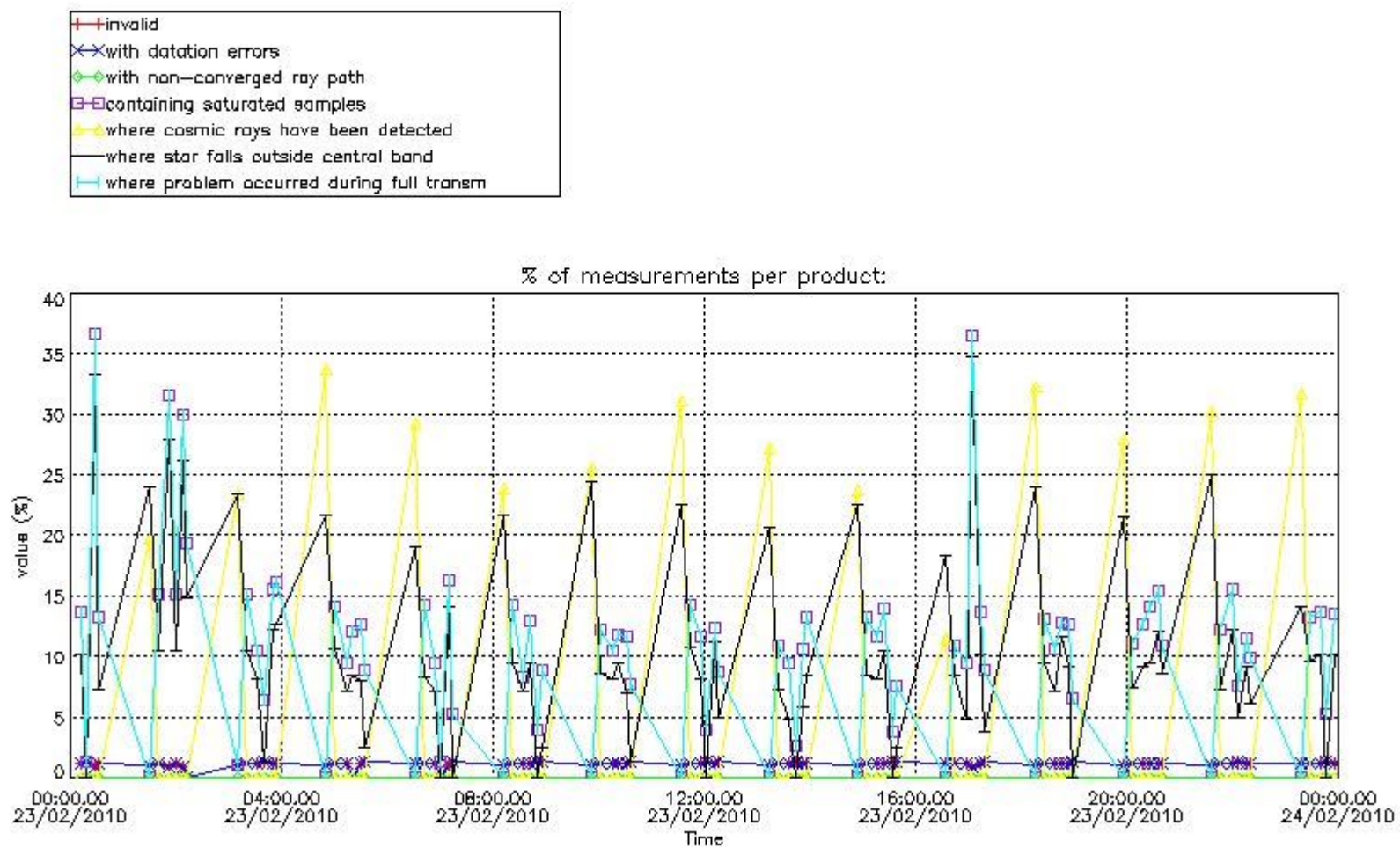
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



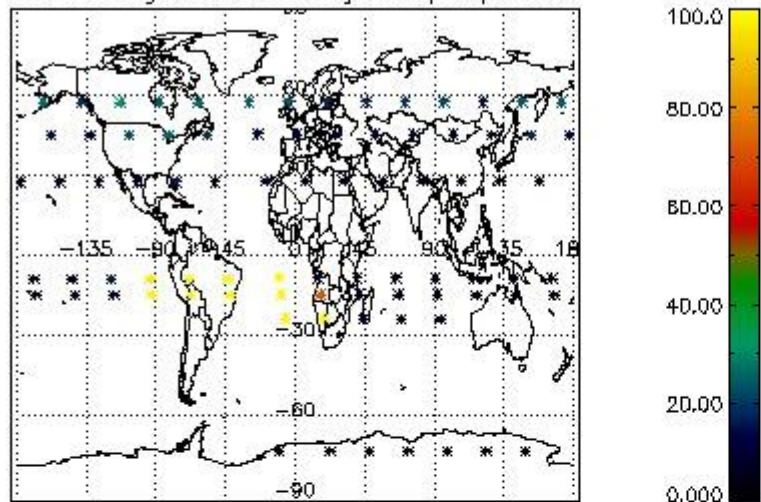
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



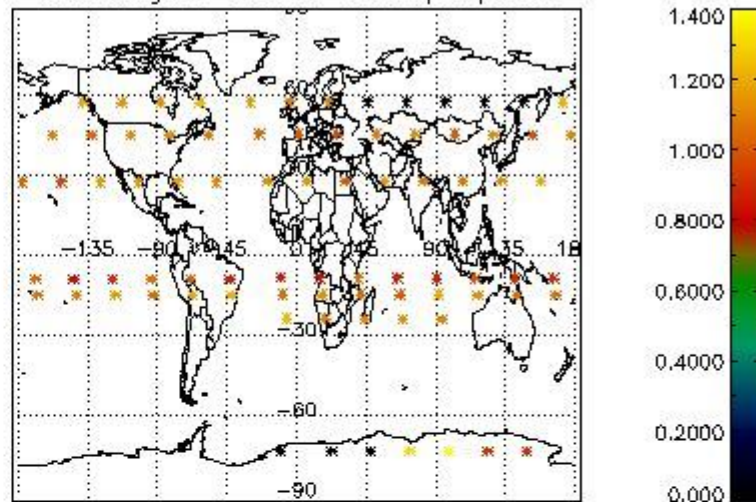
4.2 Plot quality information per product coming from level 1b processing (world map)

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

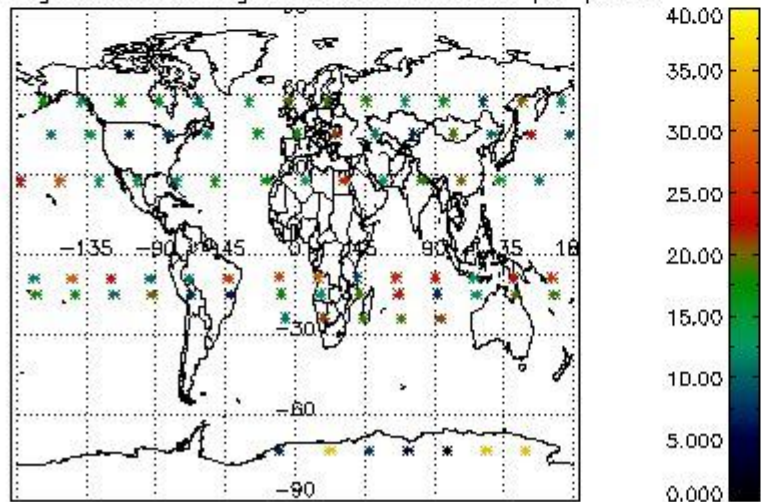
Percentage of cosmic ray hits per profile



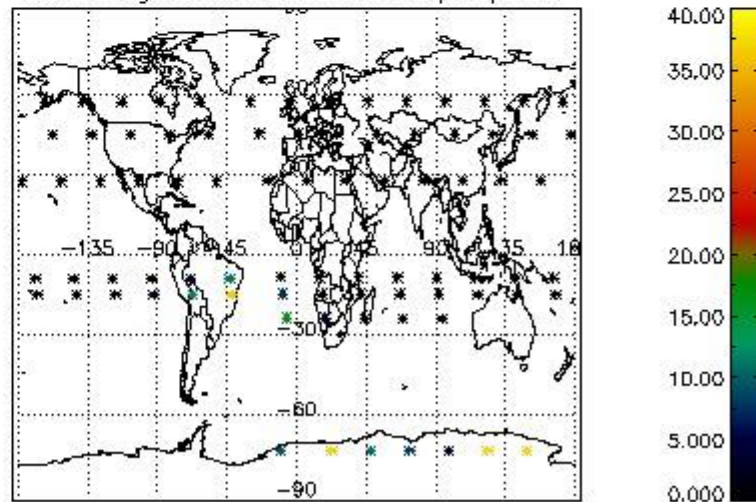
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

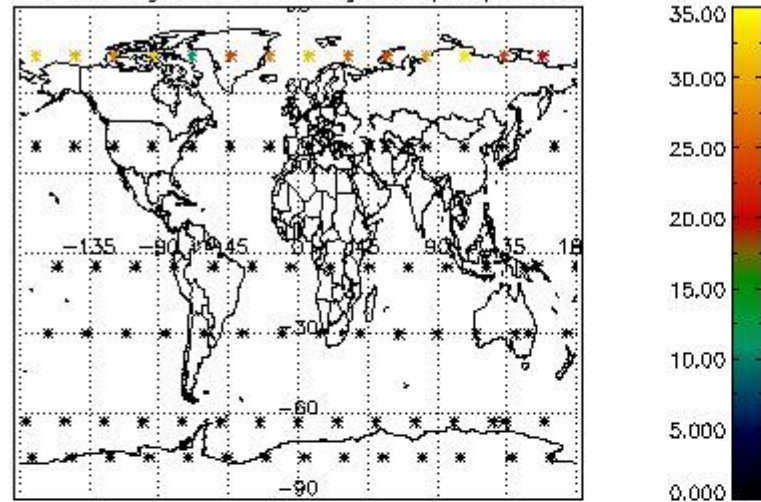


Percentage of saturation errors per profile

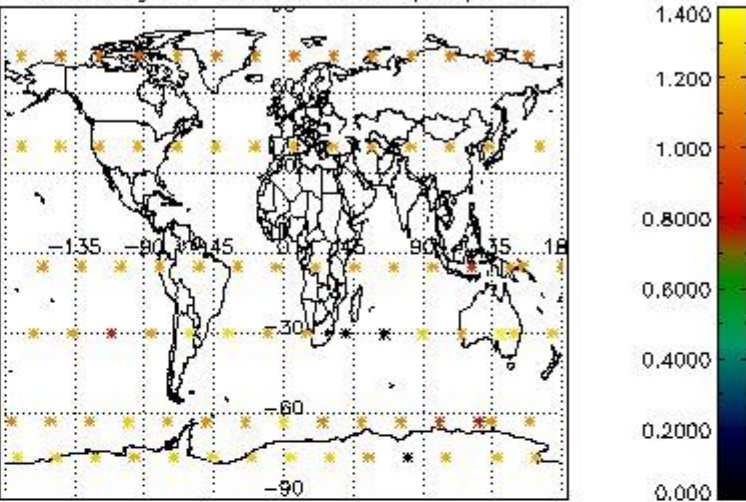


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

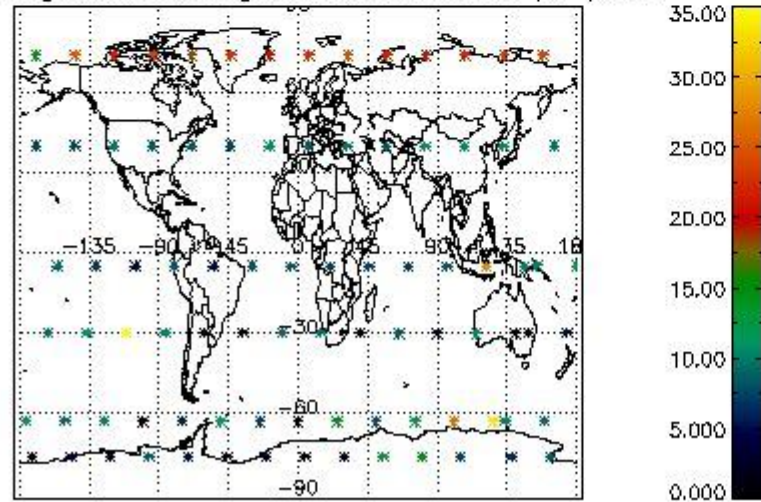
Percentage of cosmic ray hits per profile



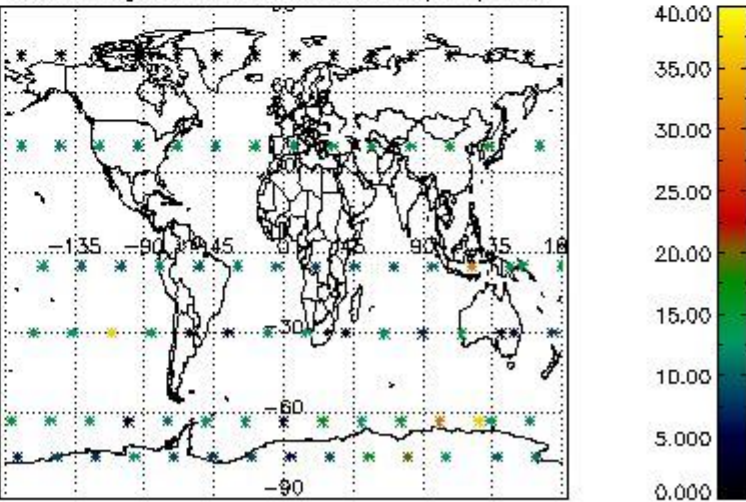
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

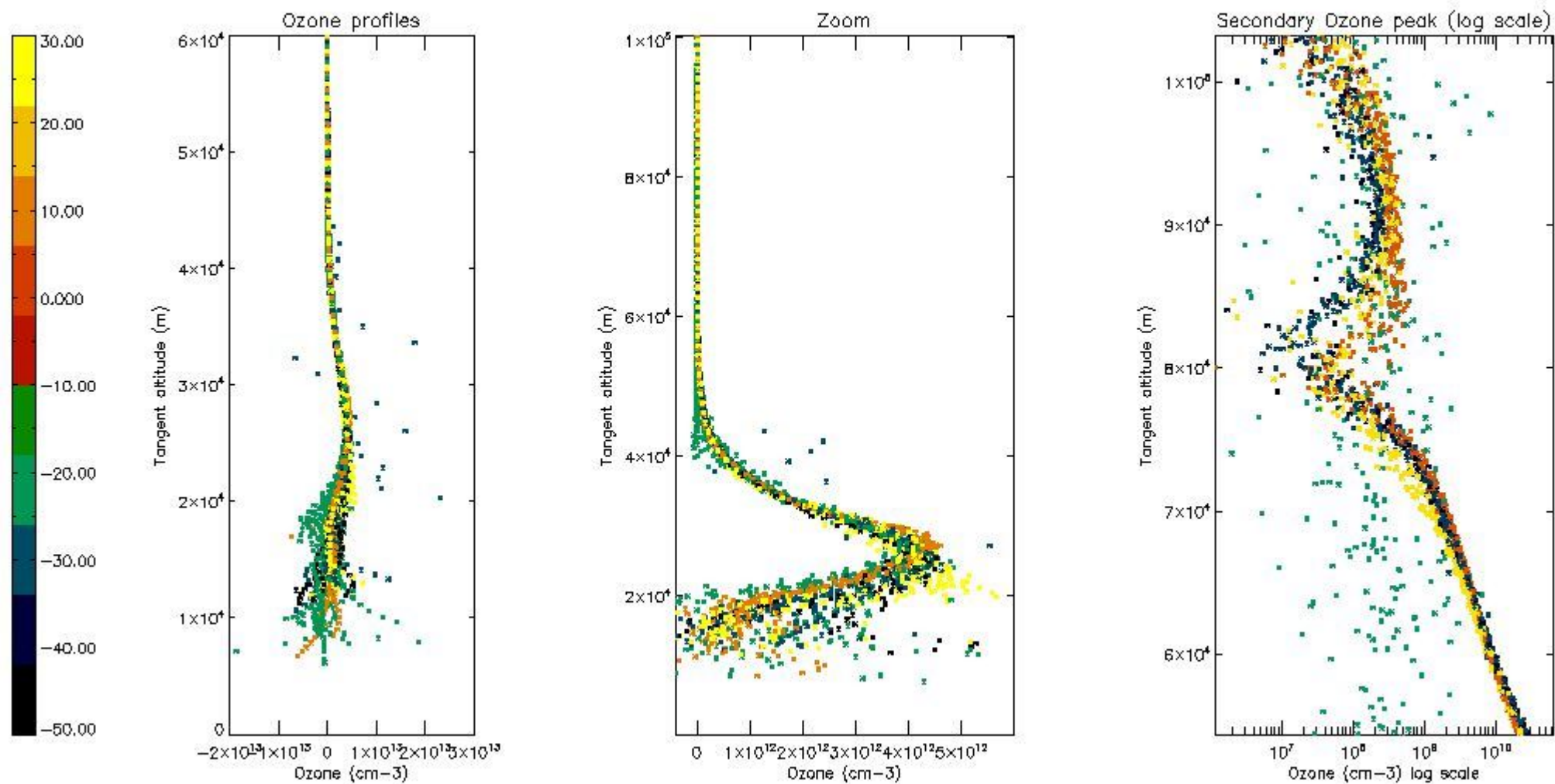
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	39
STD < 20	20

STD < 10	17
STD < 5	11

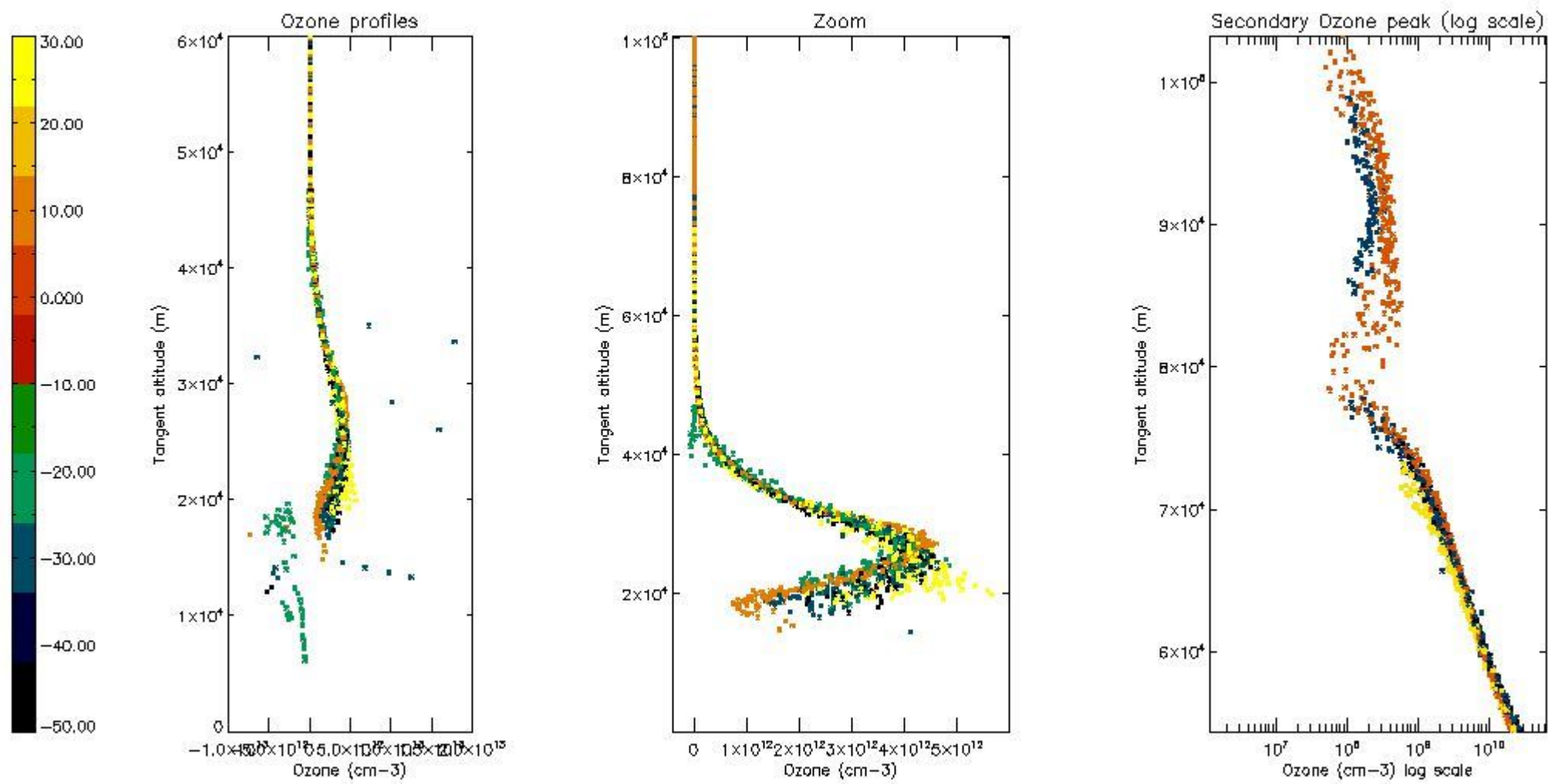
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



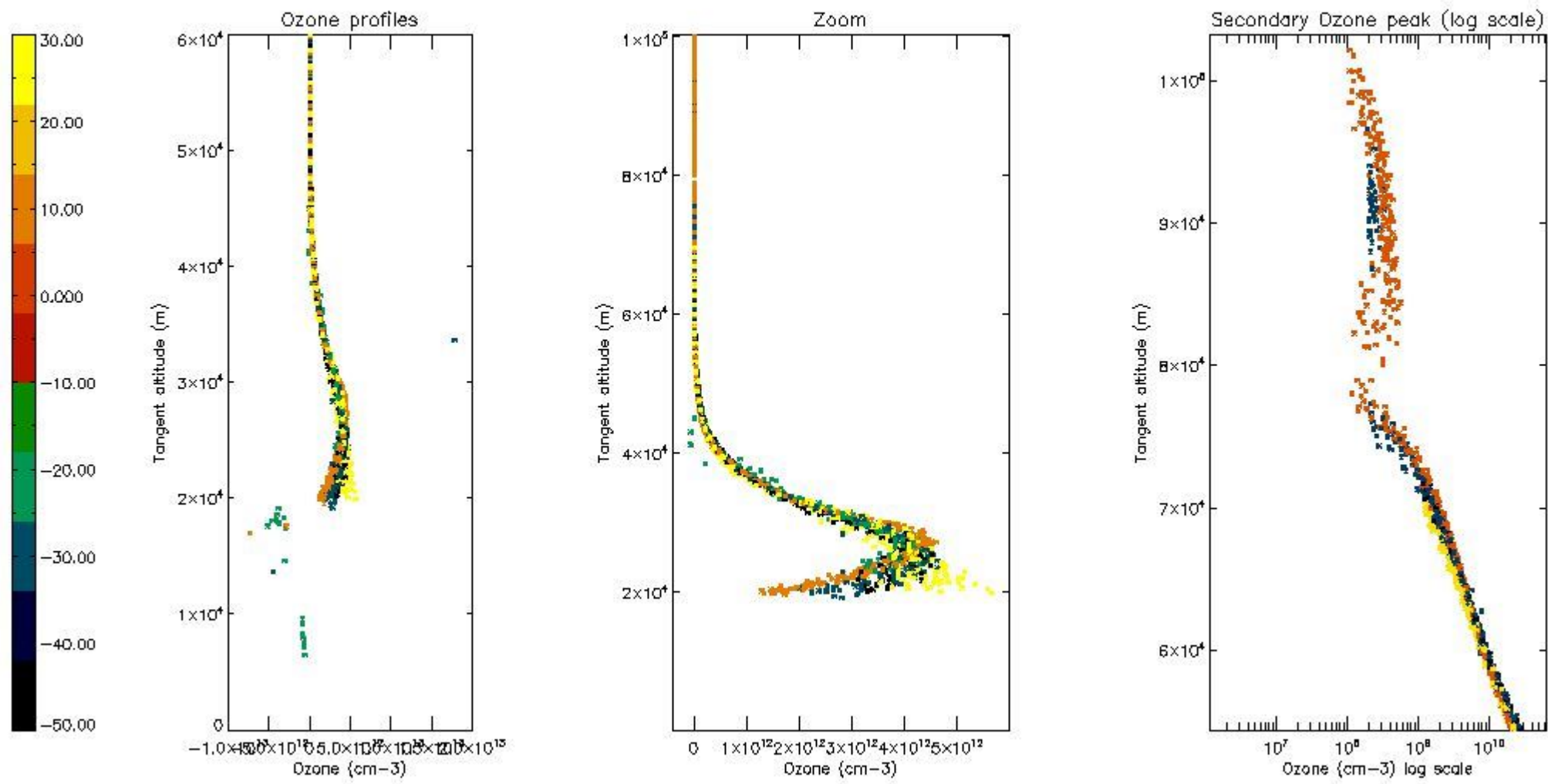
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



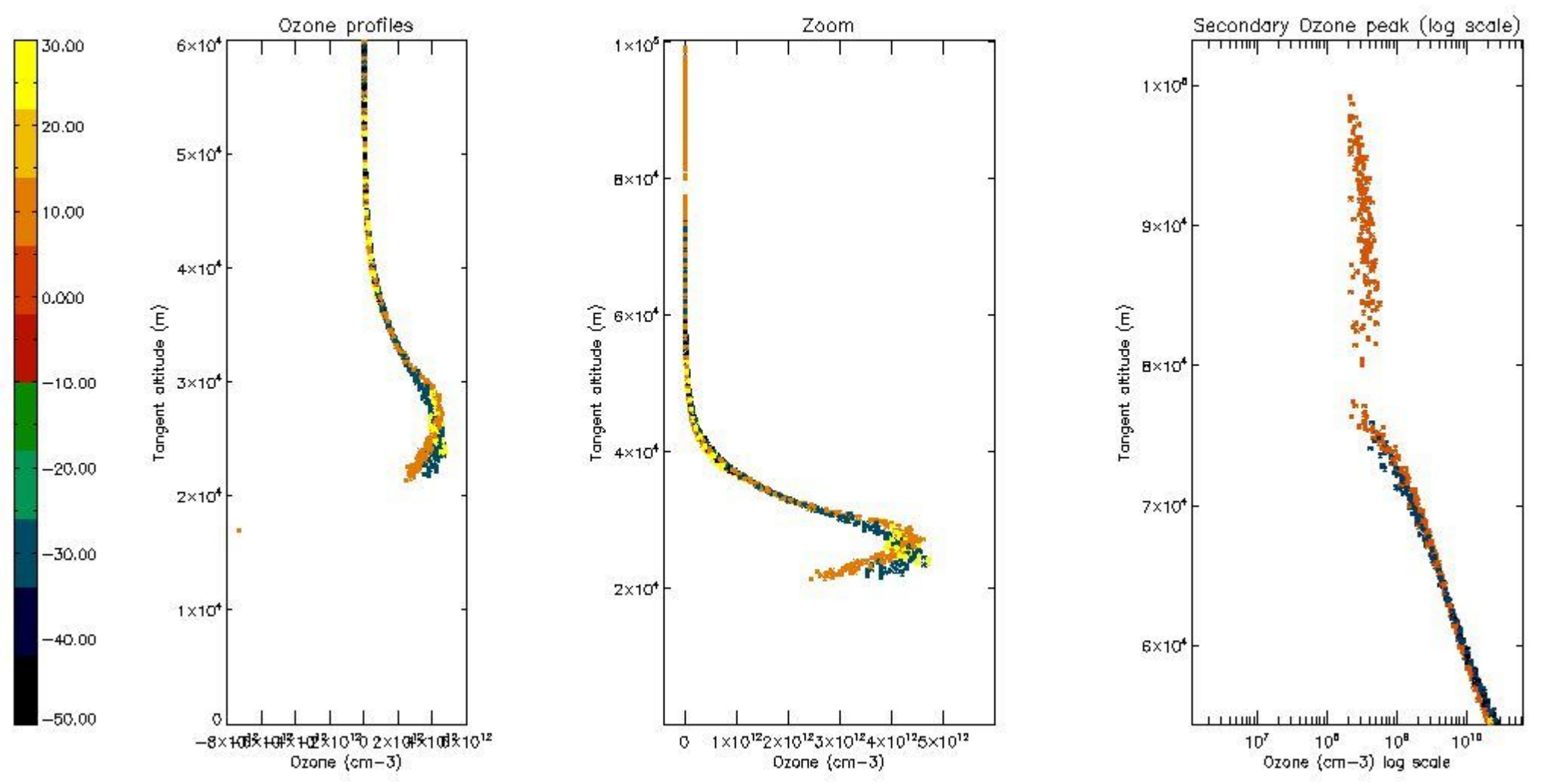
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



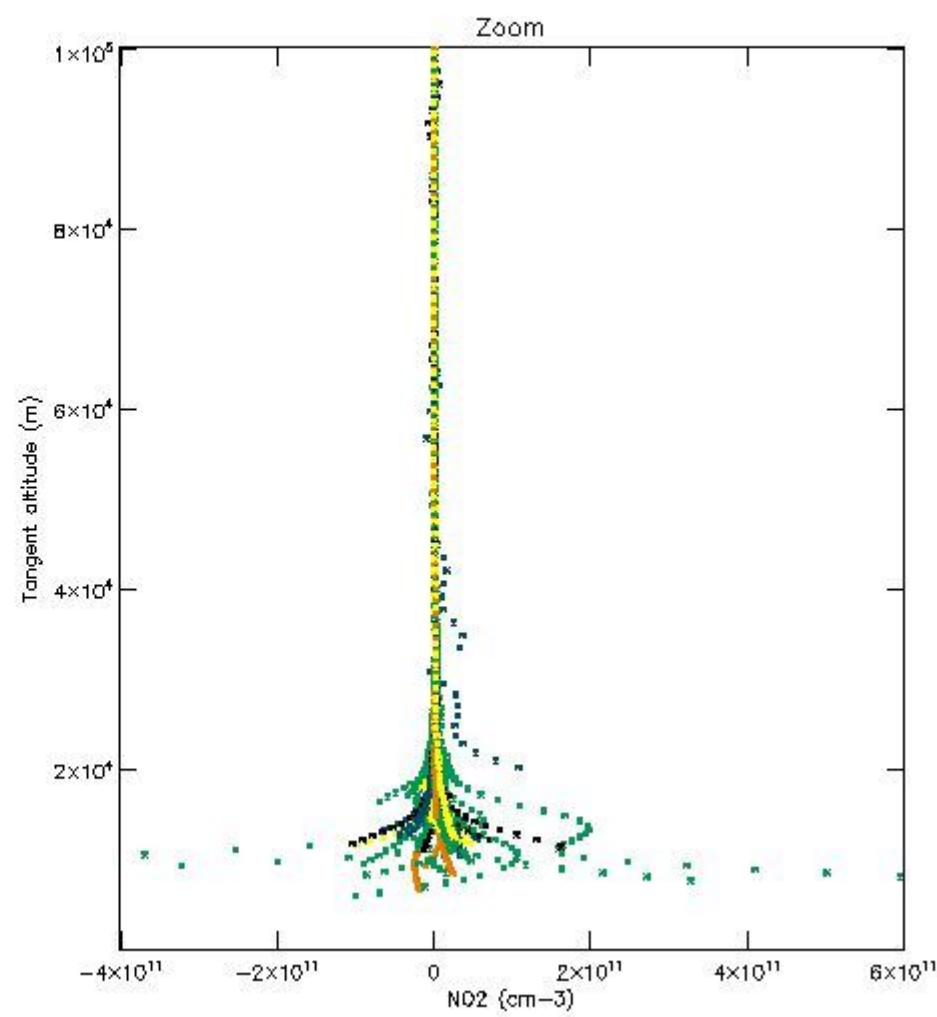
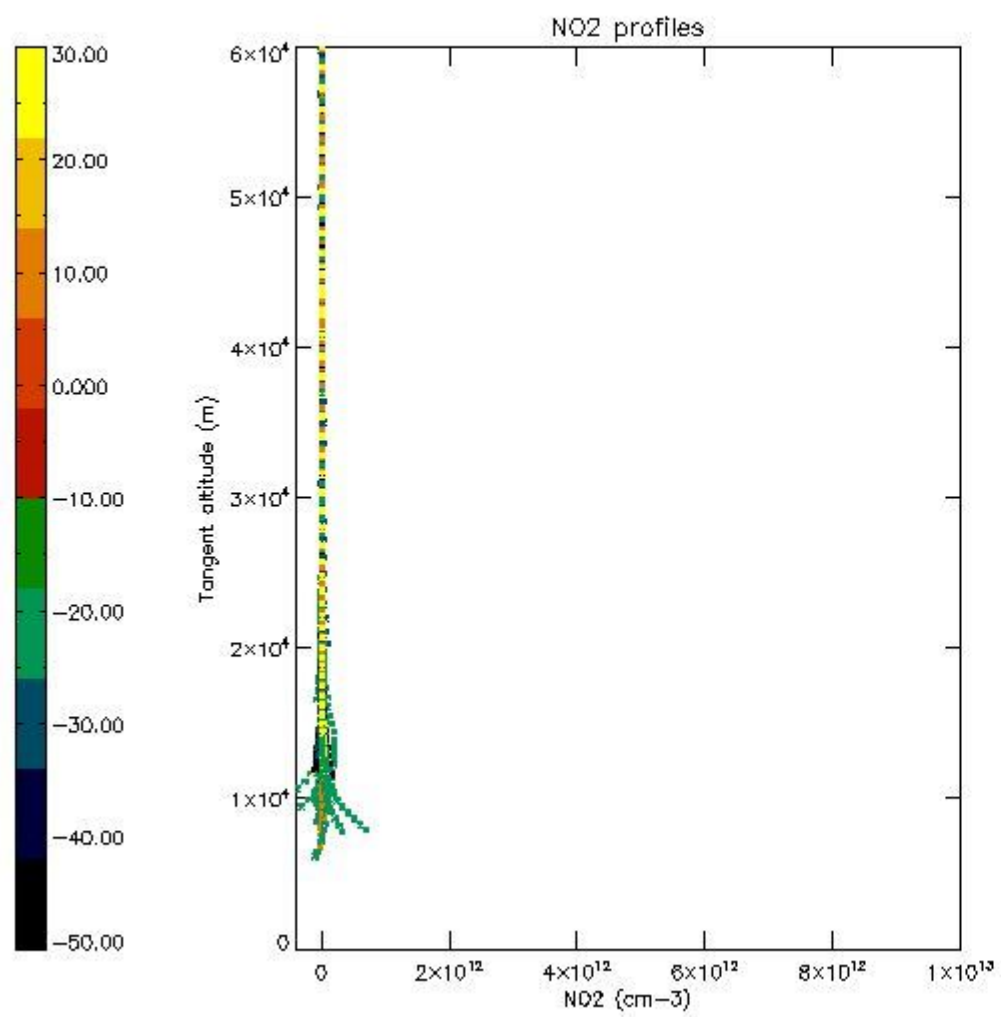
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



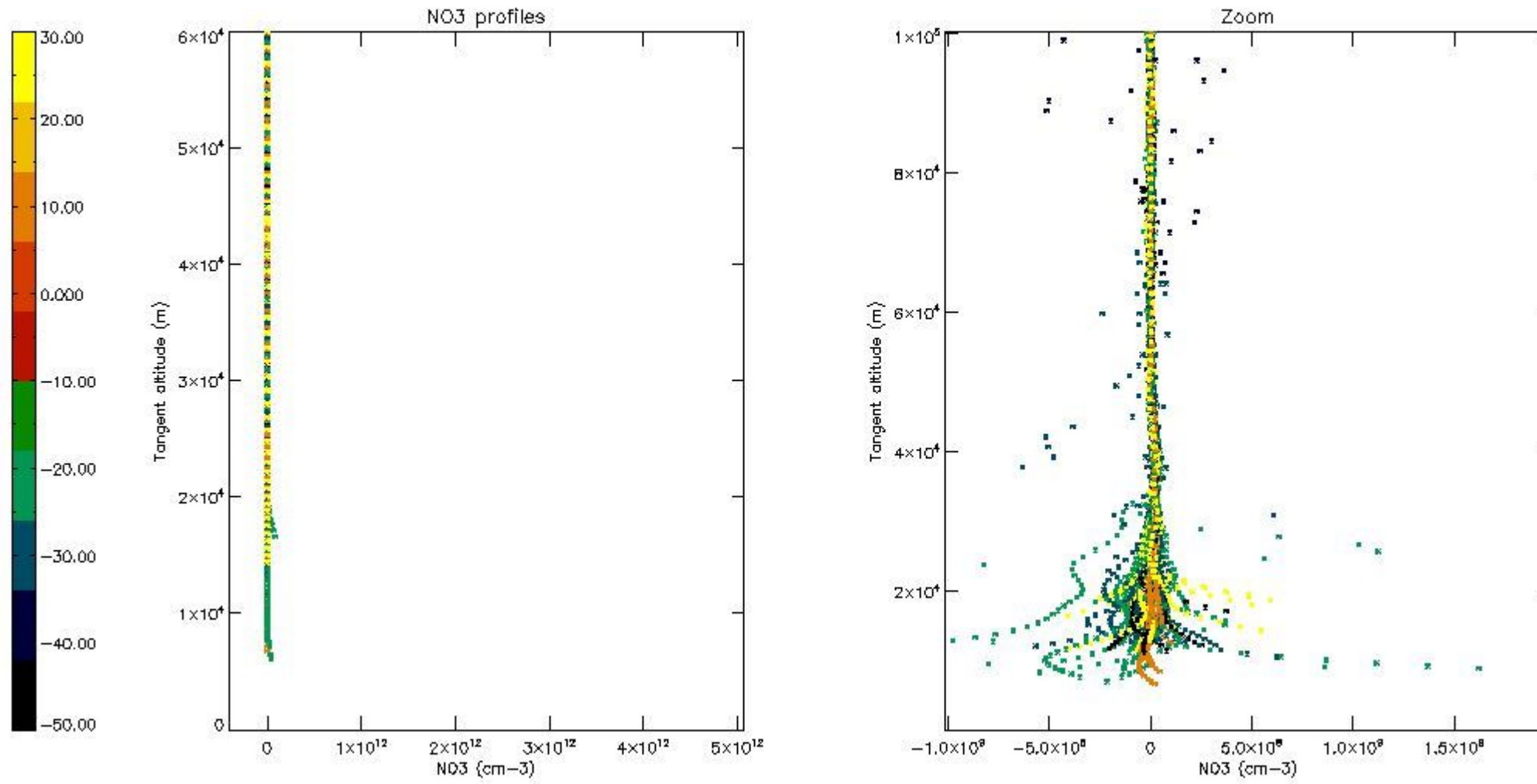
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

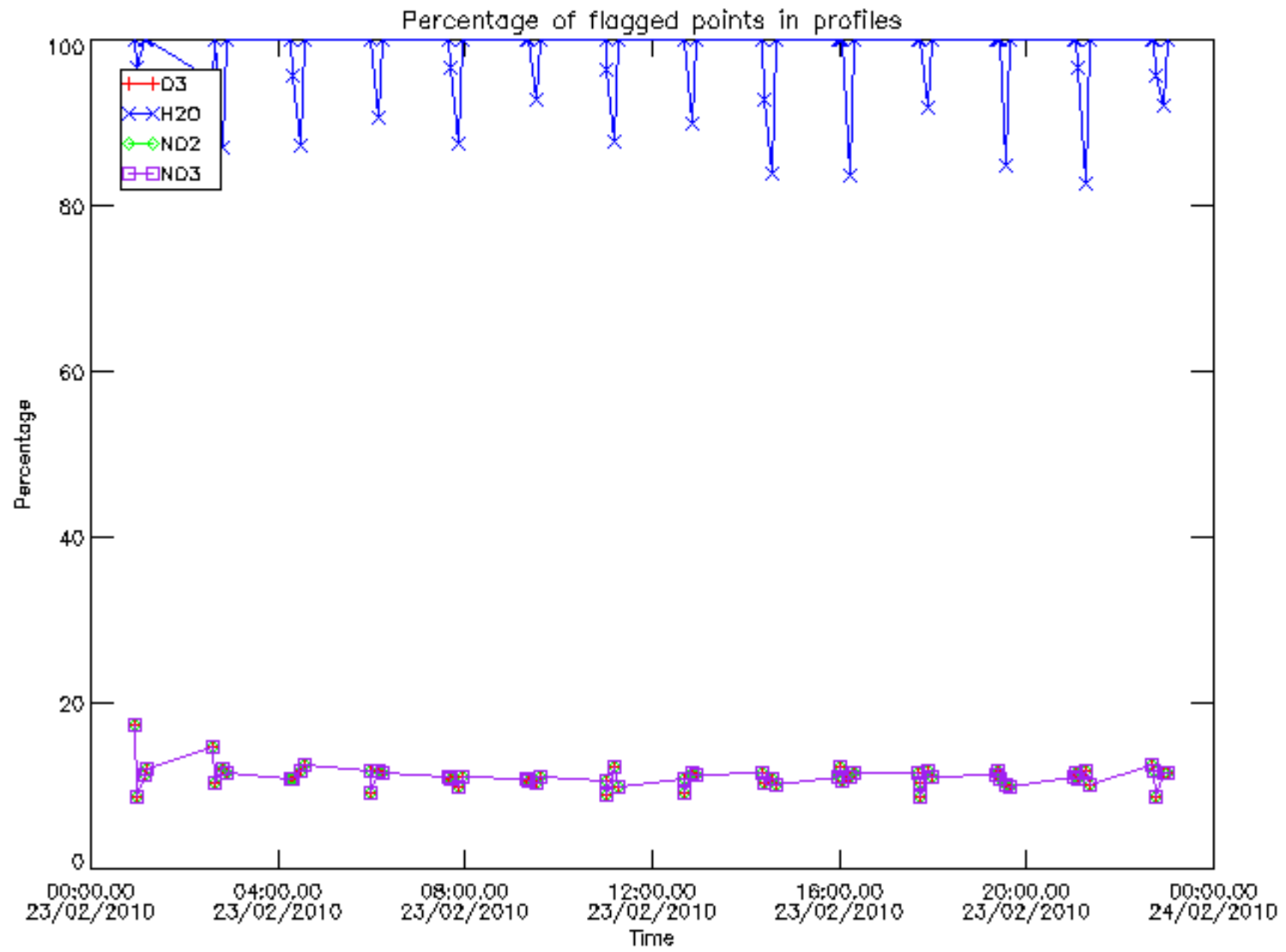
The colorbar represents the latitude.



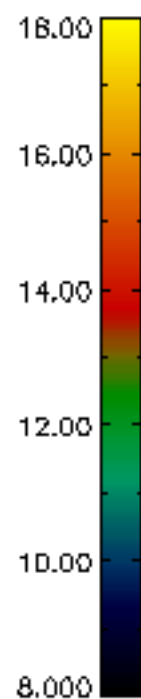
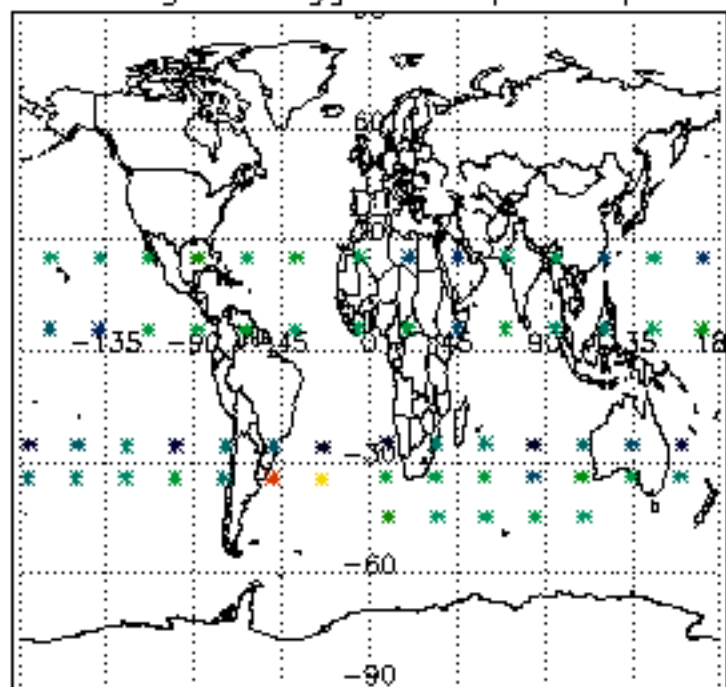
6. Auxiliary Data Files used for the production reported in section 2

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

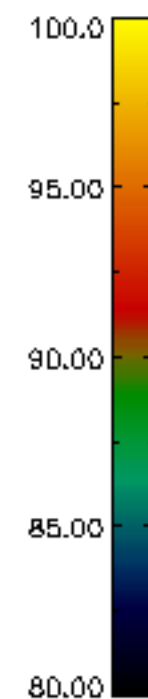
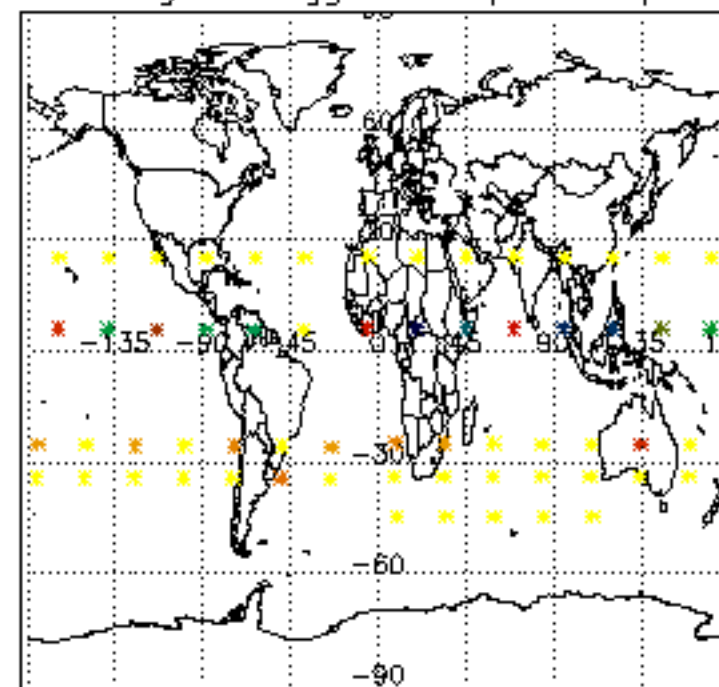
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	23-FEB-2010 00:11:31
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-FEB-2010 00:11:31
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-FEB-2010 00:11:31



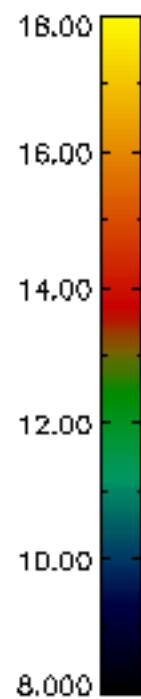
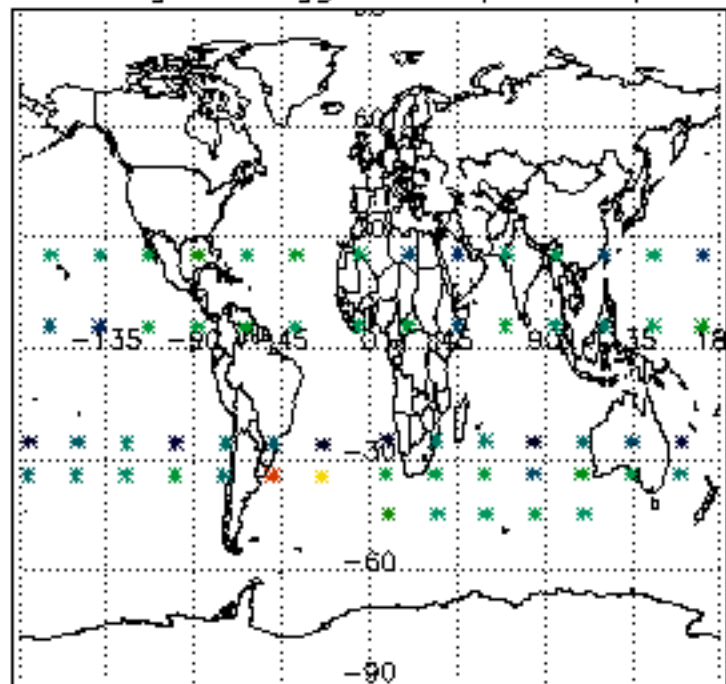
Percentage of flagged data per D3 profile



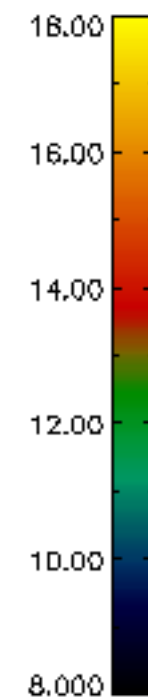
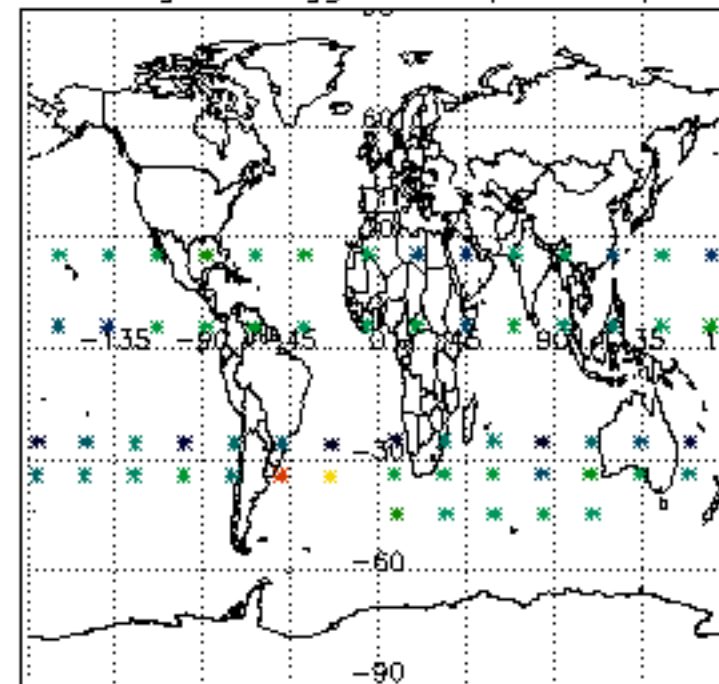
Percentage of flagged data per H2O profile

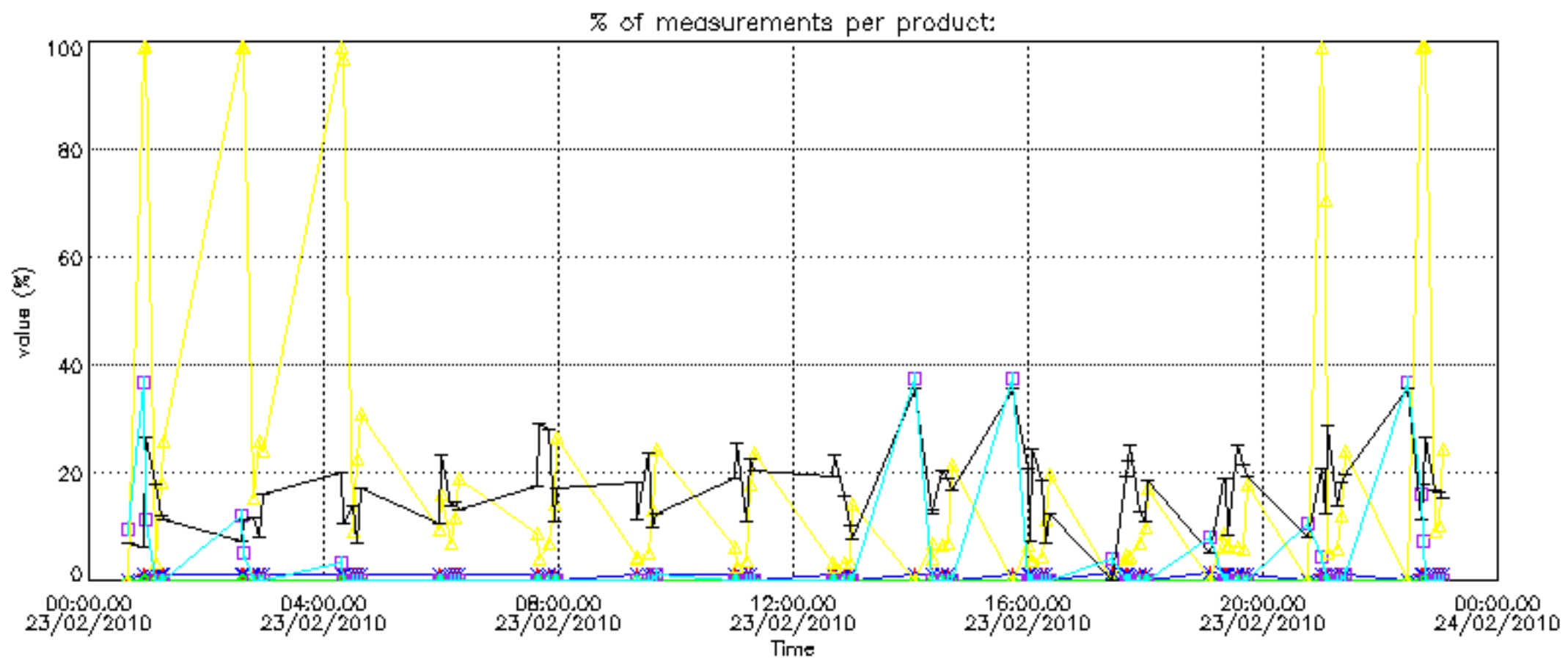
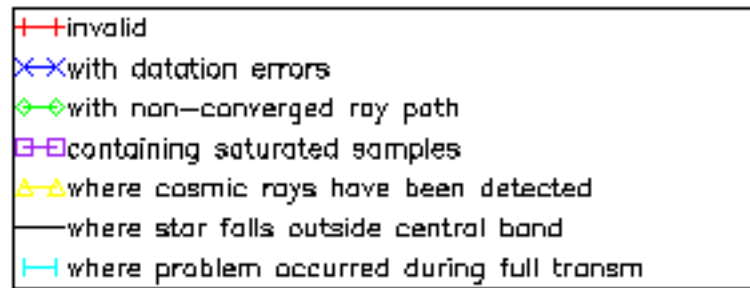


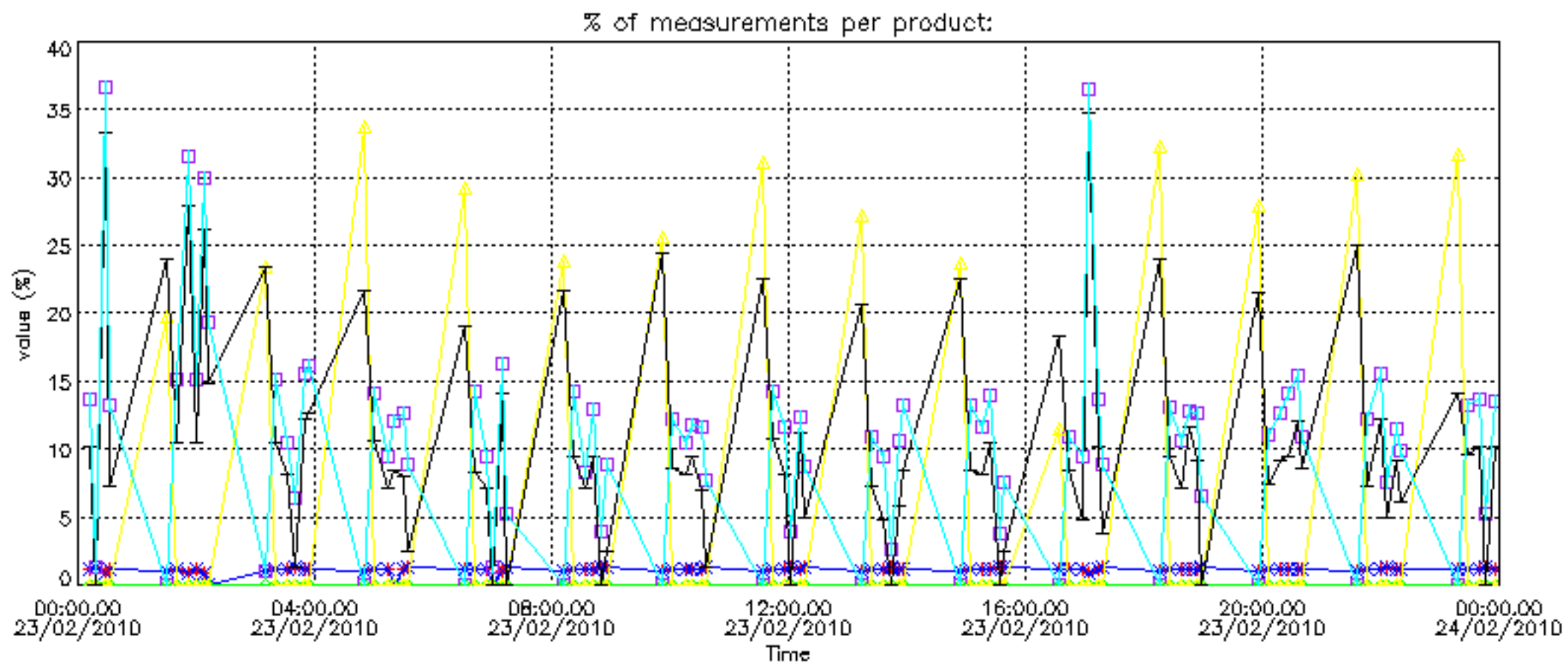
Percentage of flagged data per NO2 profile



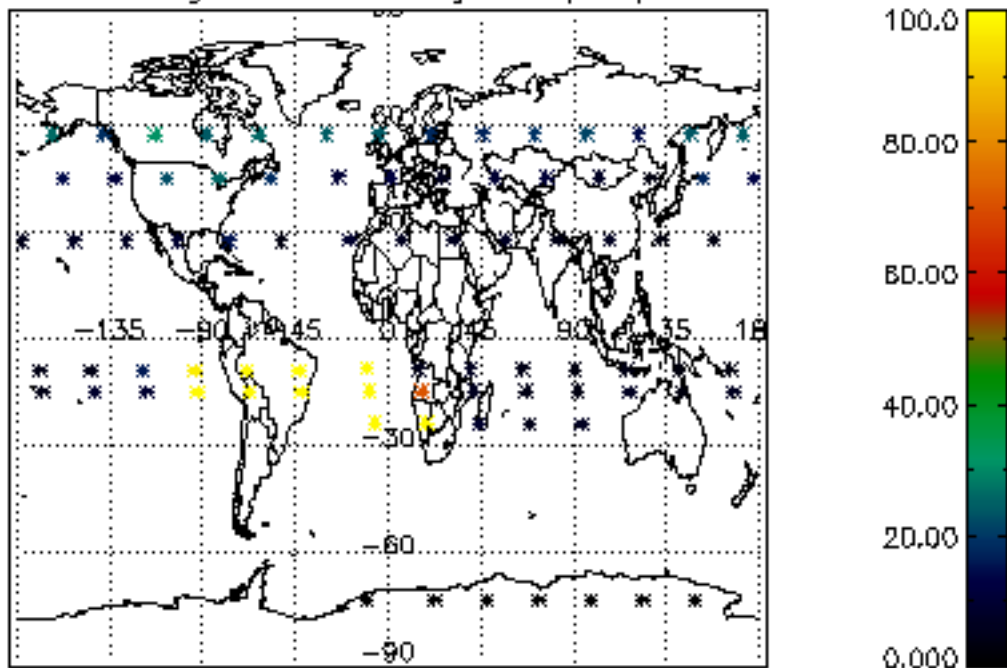
Percentage of flagged data per NO3 profile



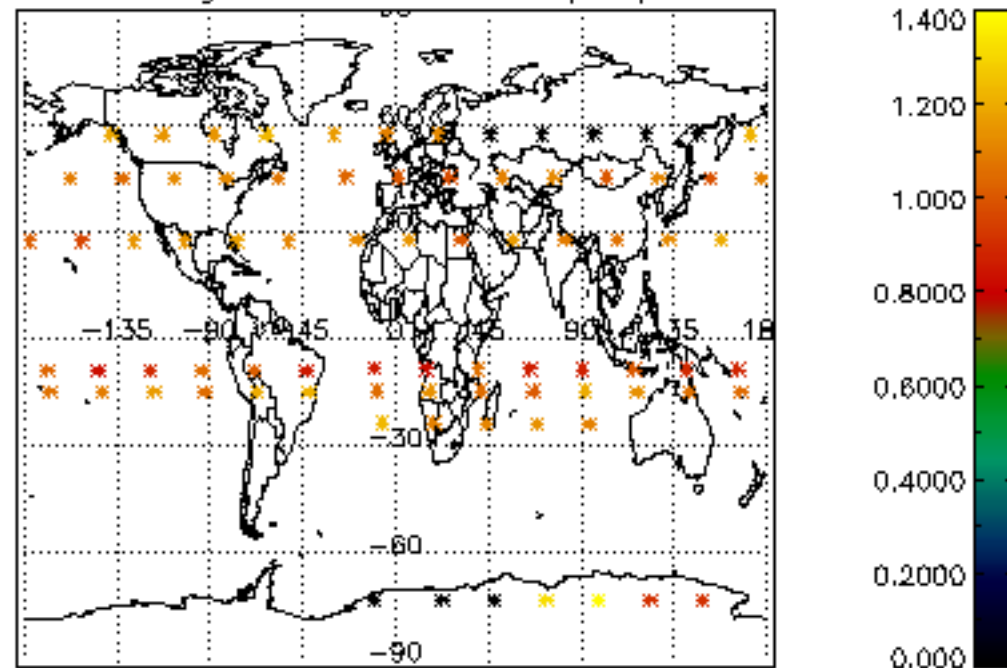




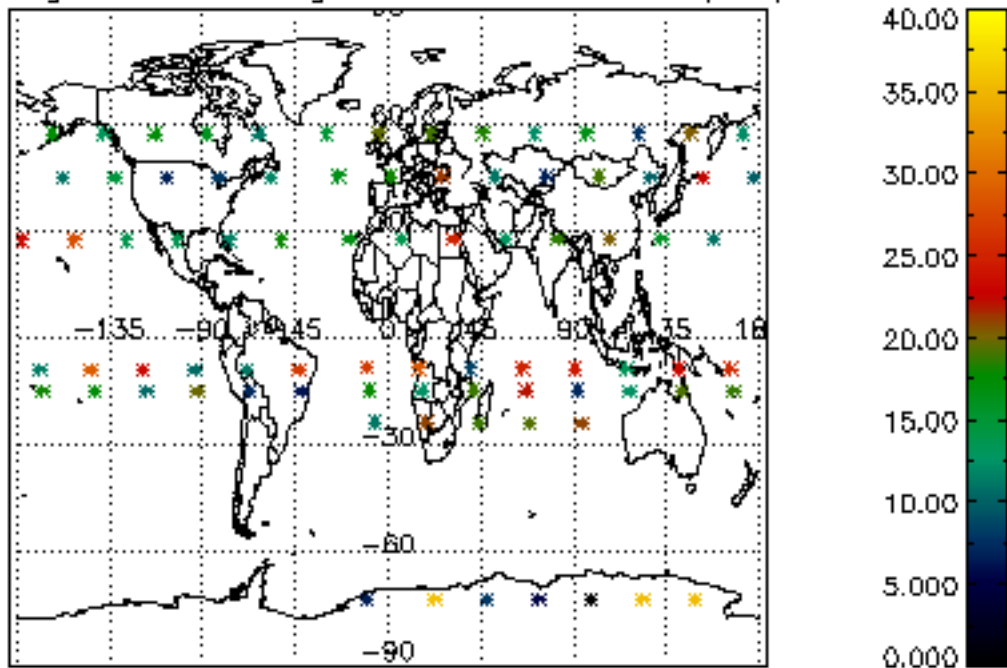
Percentage of cosmic ray hits per profile



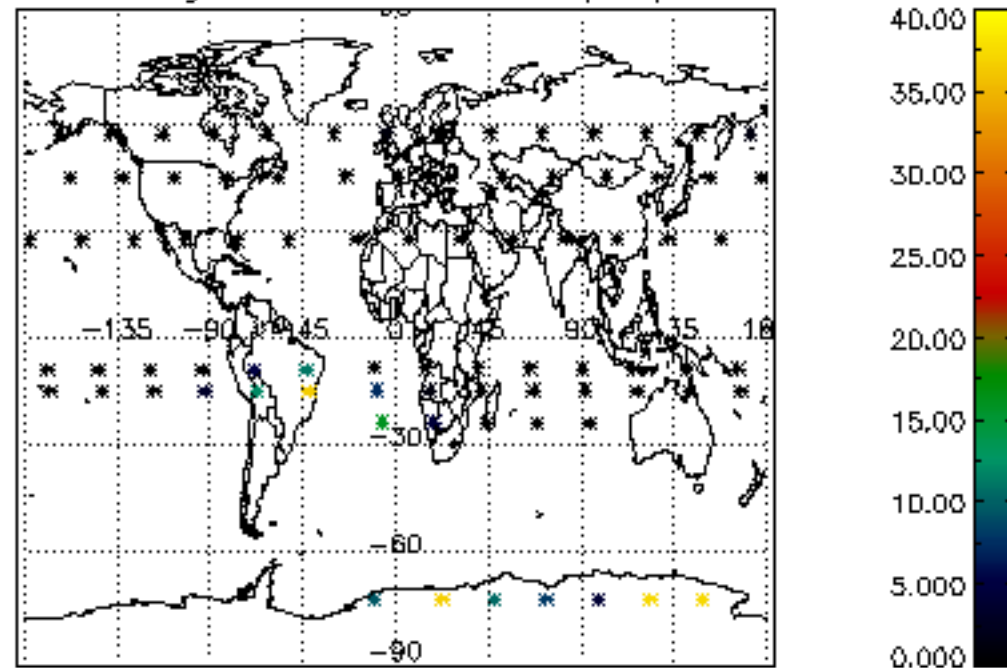
Percentage of datation errors per profile



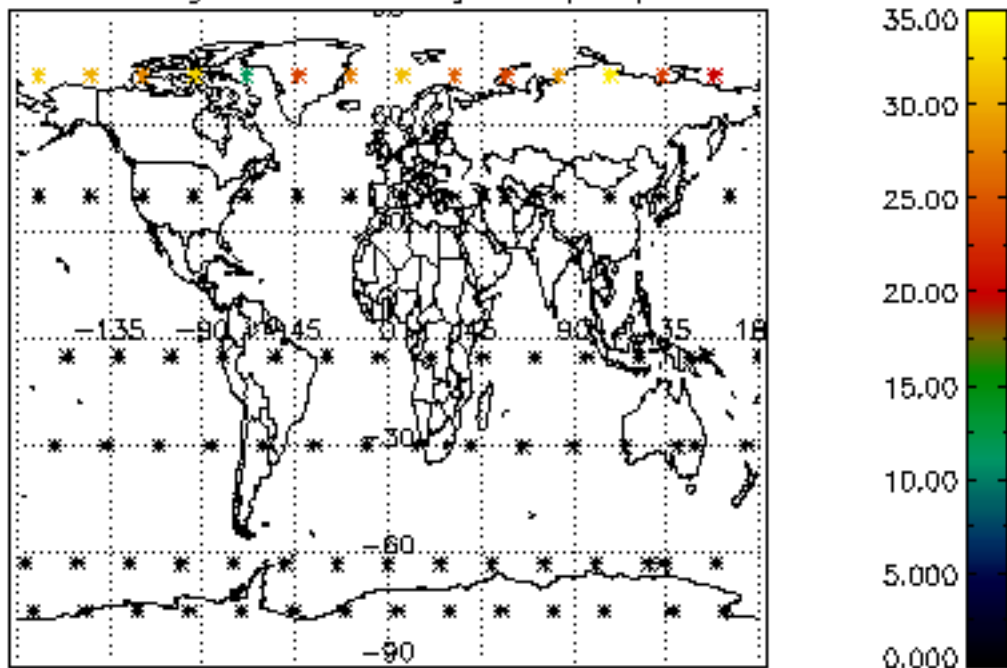
Percentage of star falling outside central band per profile



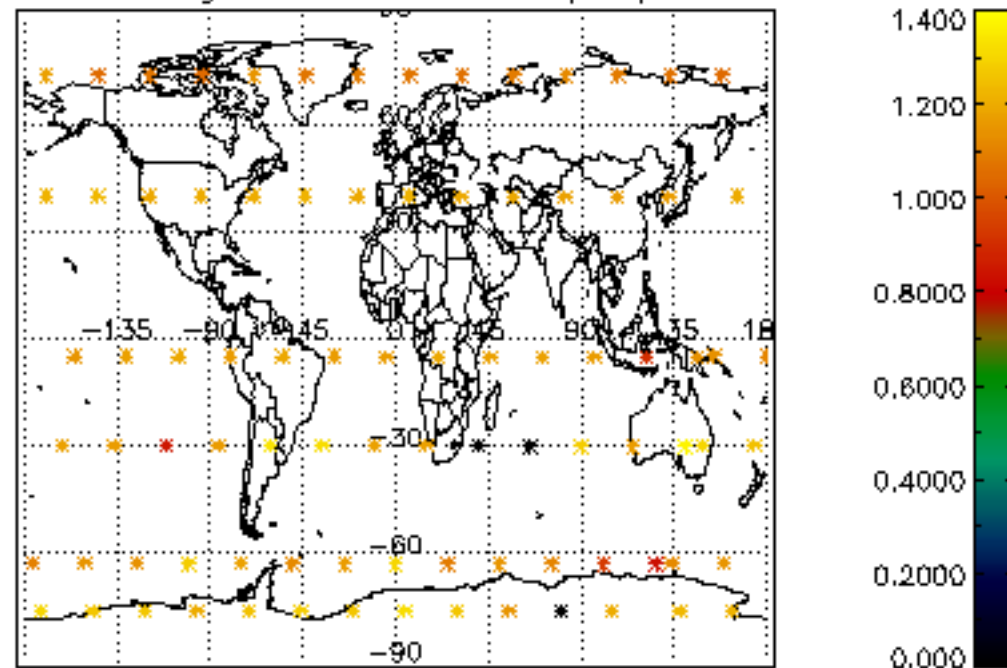
Percentage of saturation errors per profile



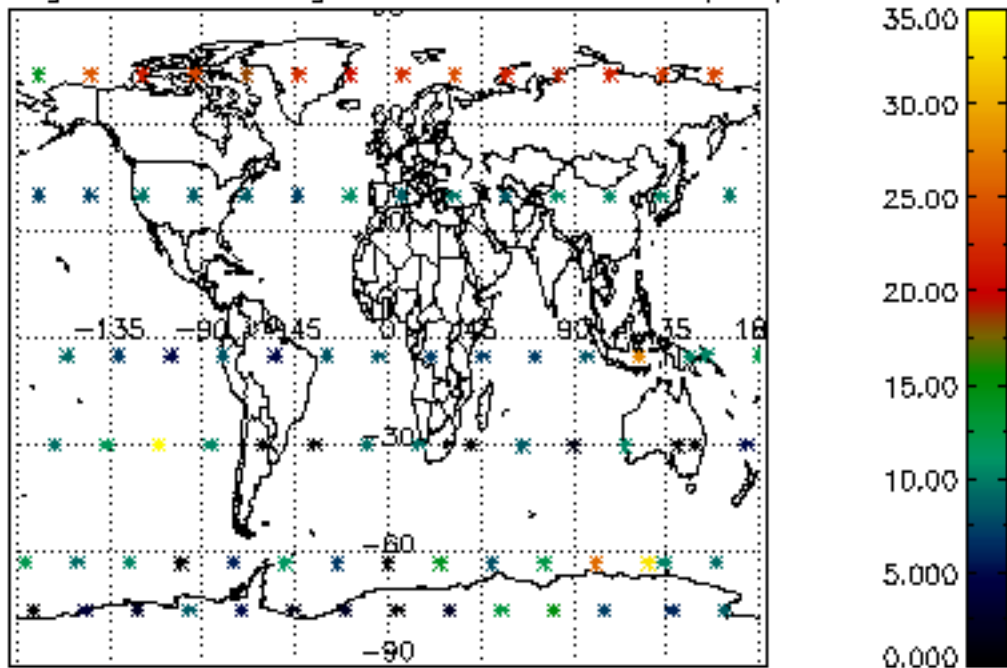
Percentage of cosmic ray hits per profile



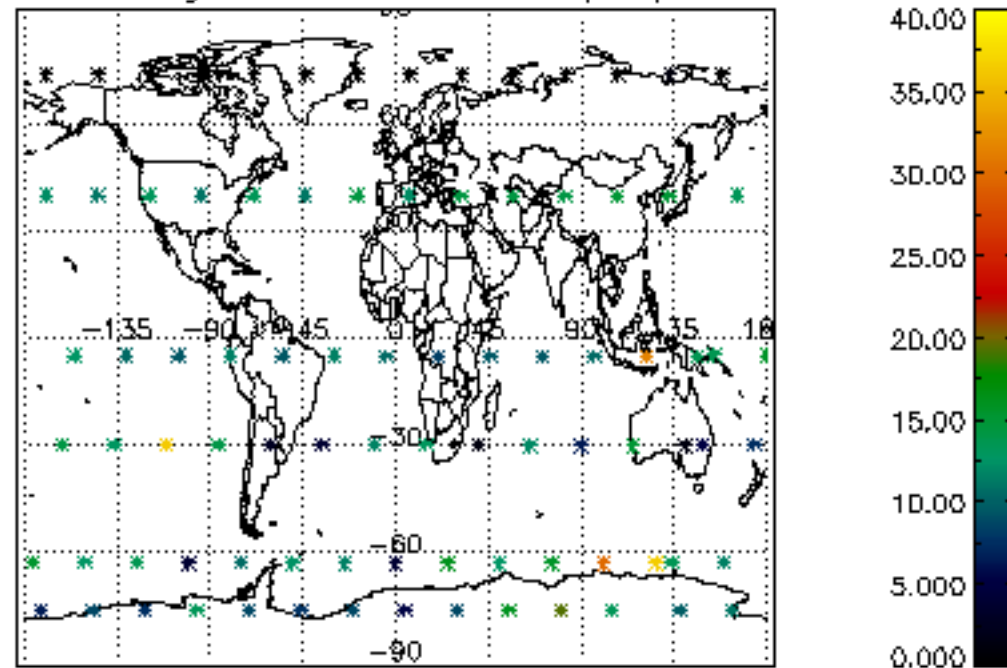
Percentage of datation errors per profile

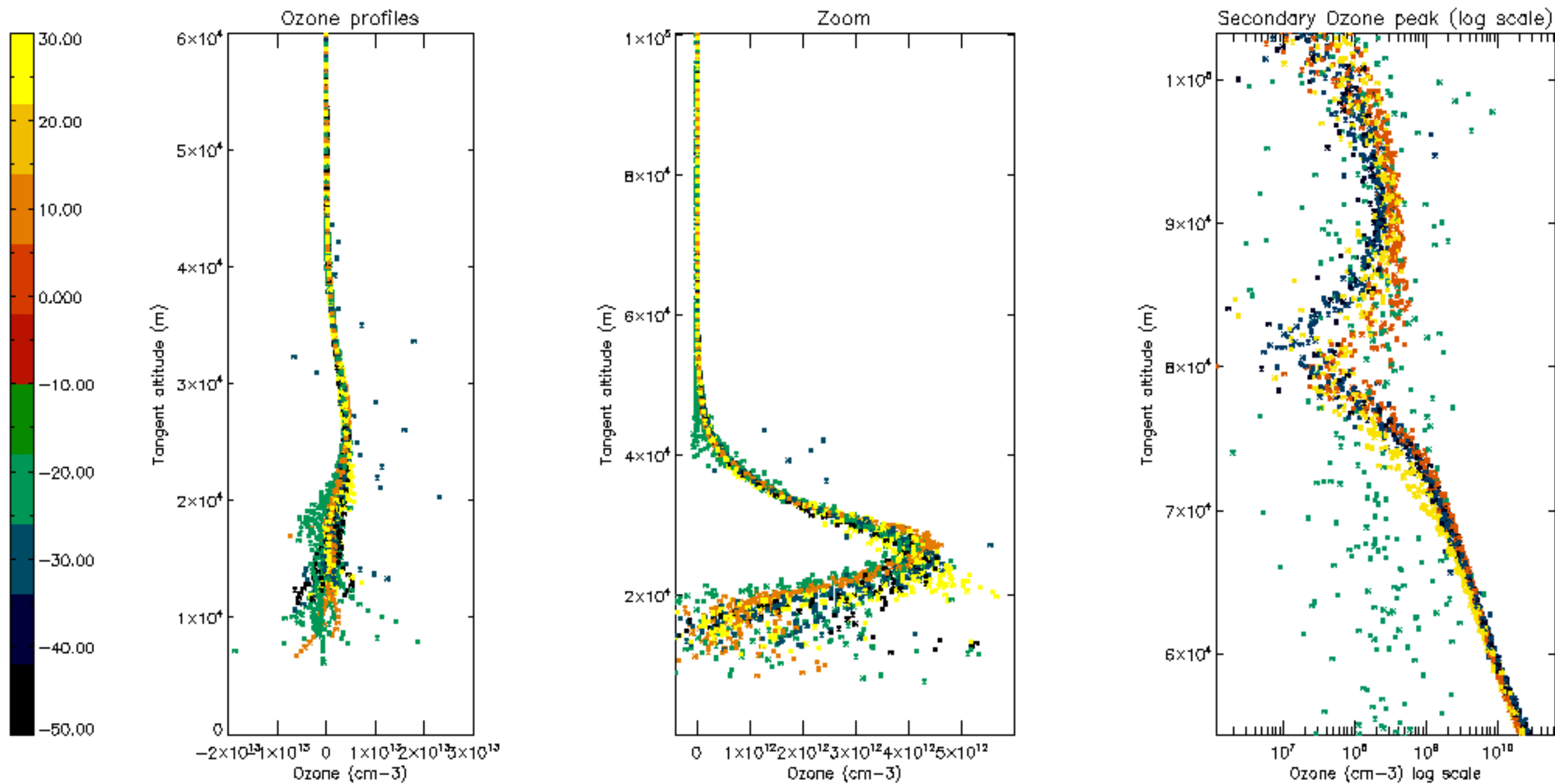


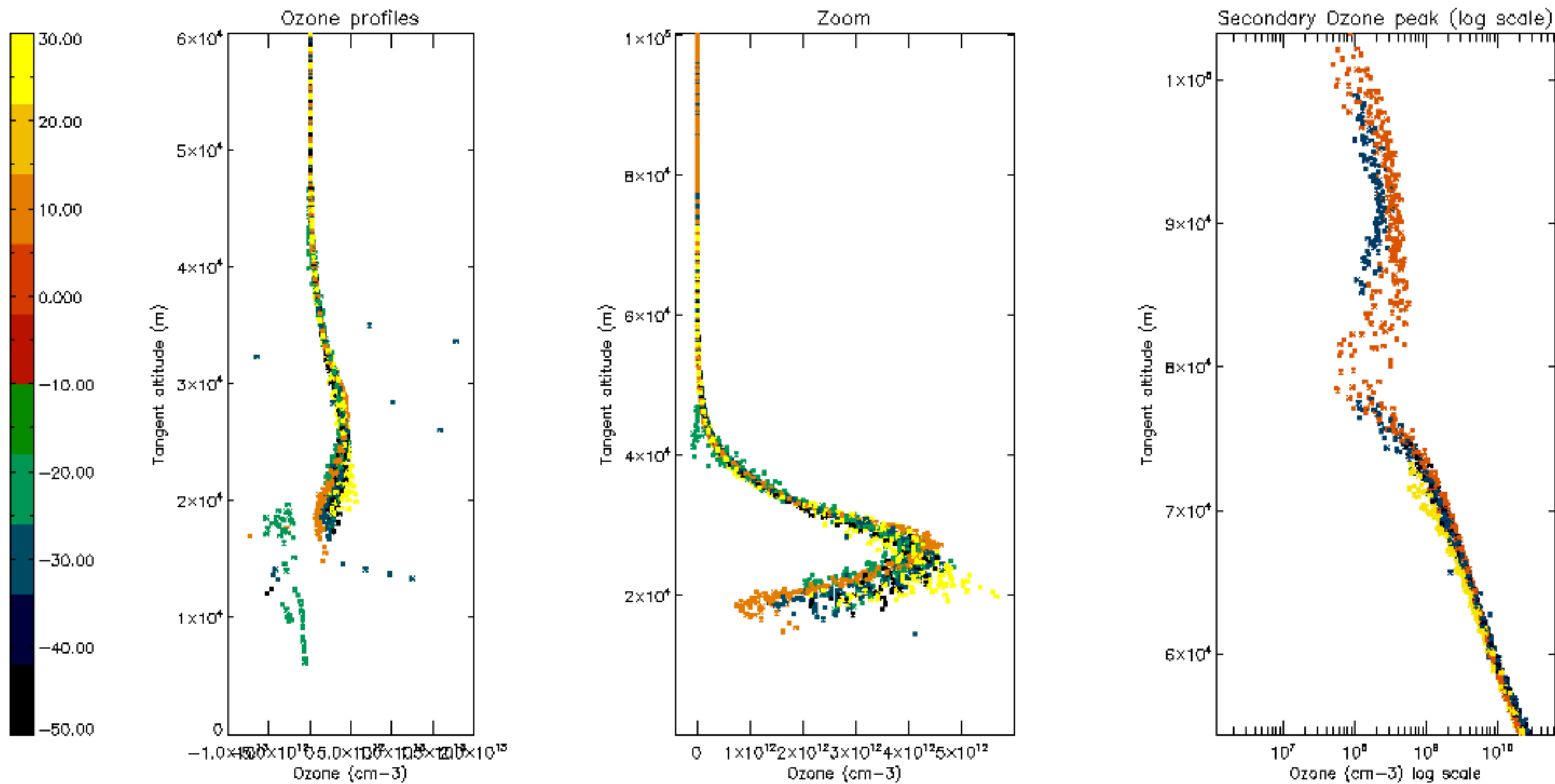
Percentage of star falling outside central band per profile

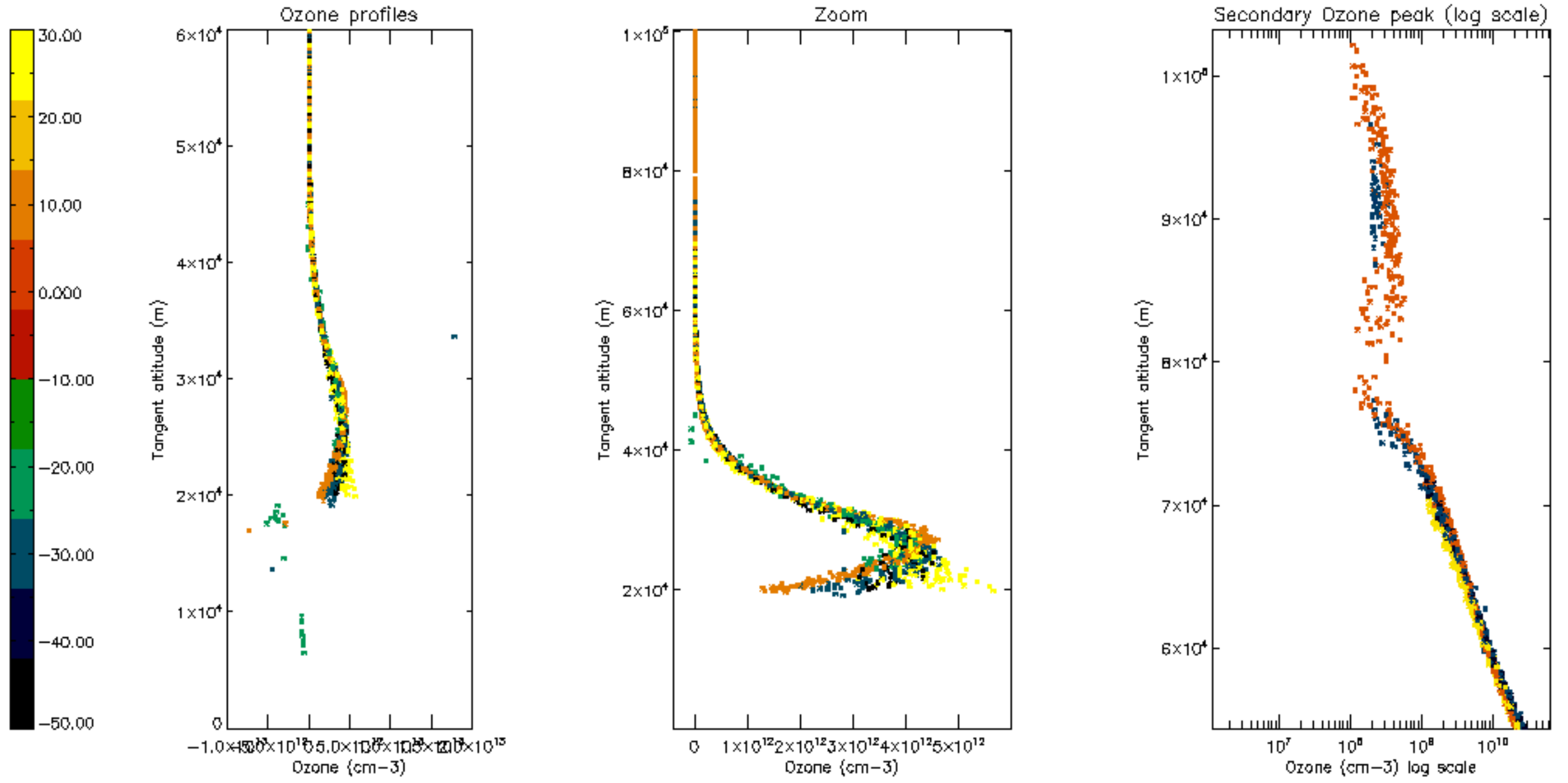


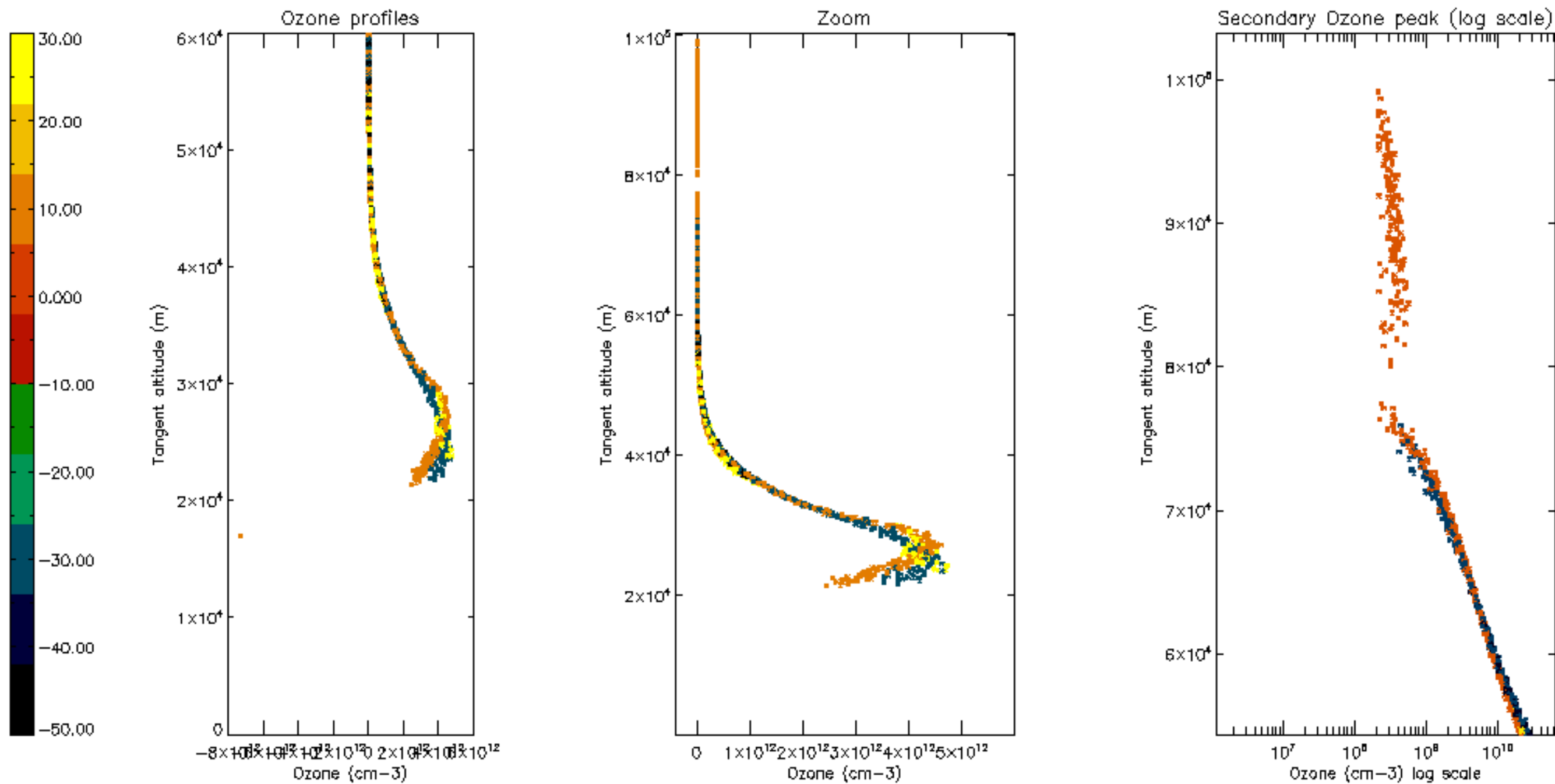
Percentage of saturation errors per profile

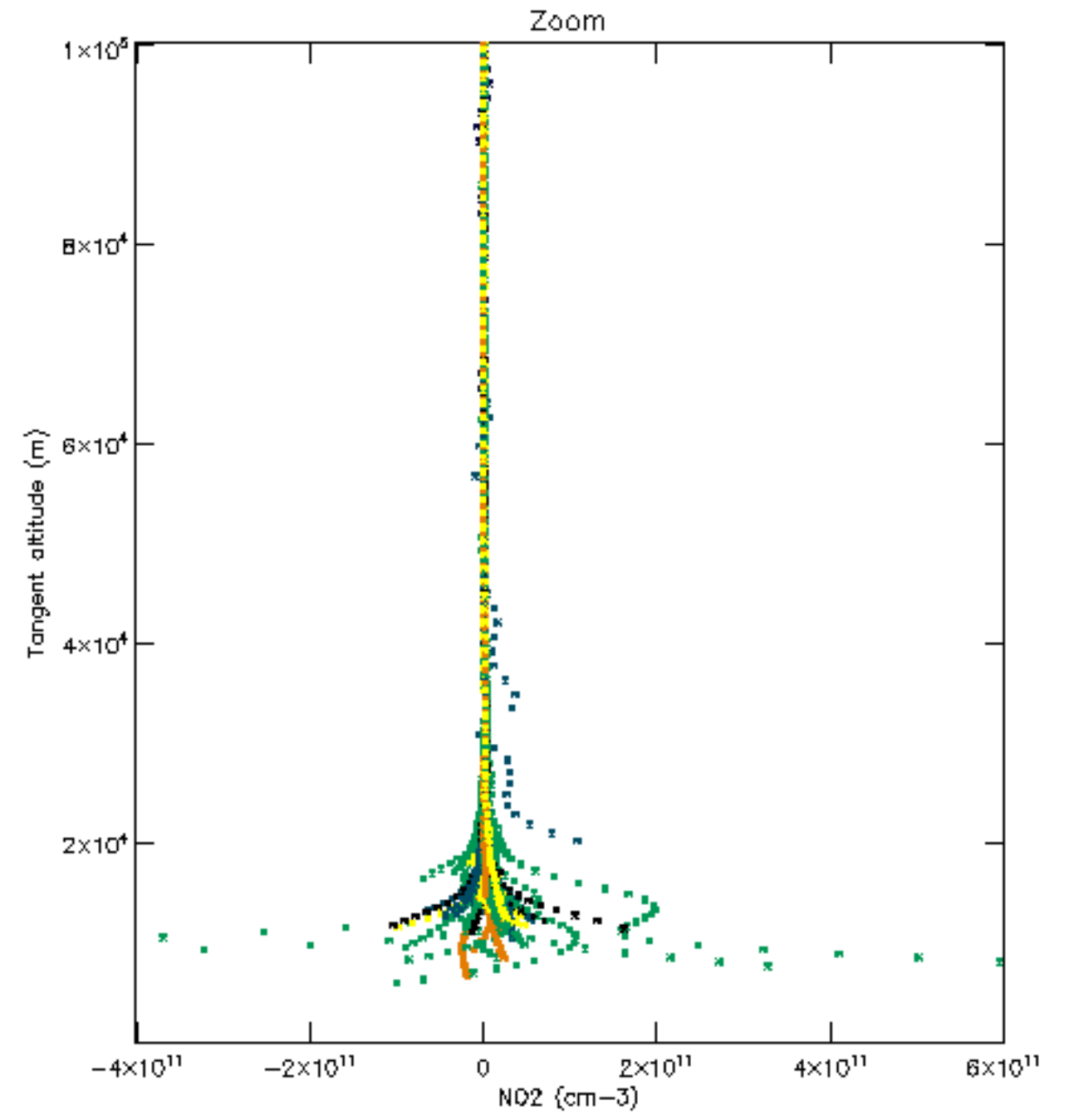
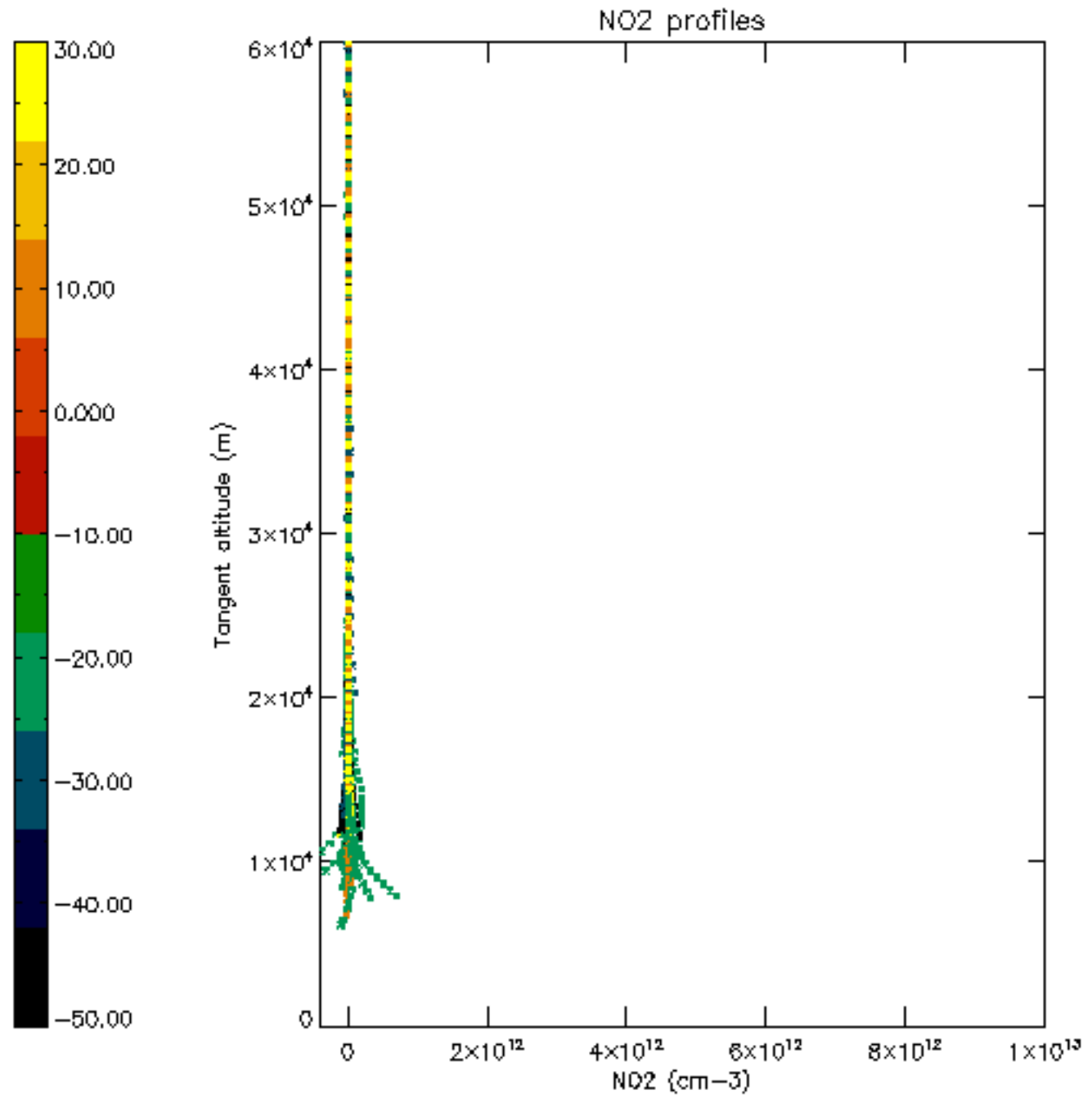


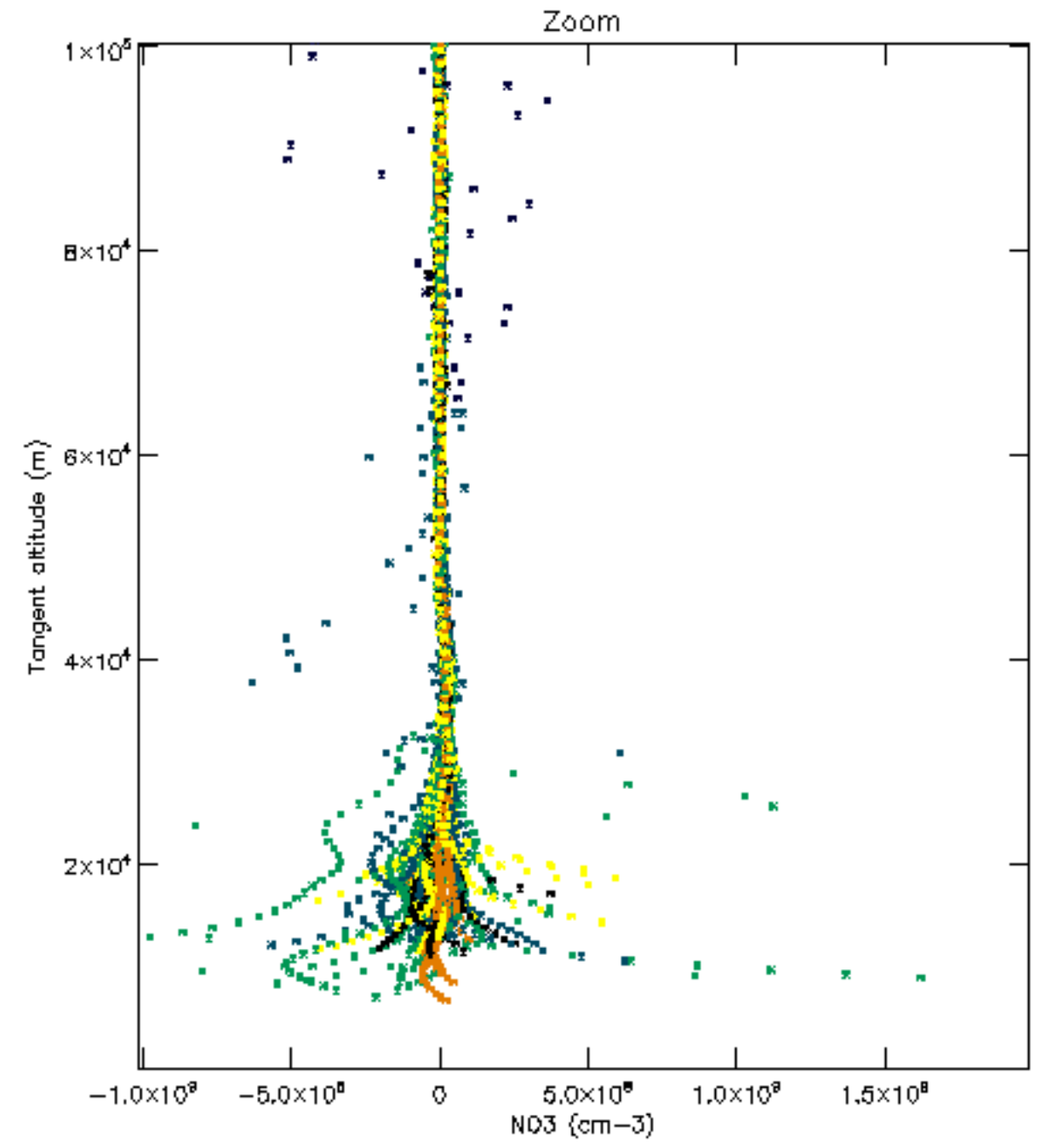
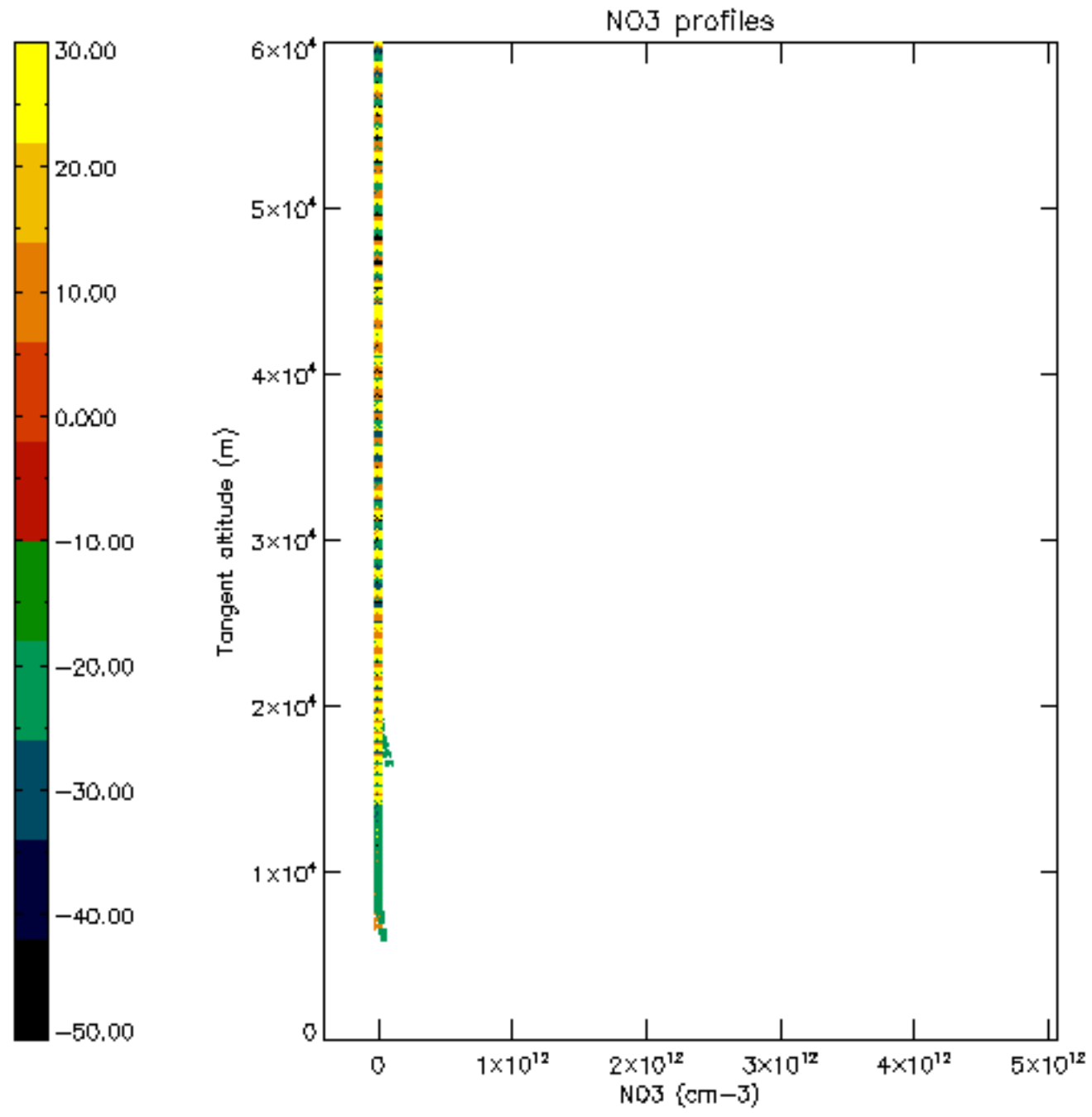


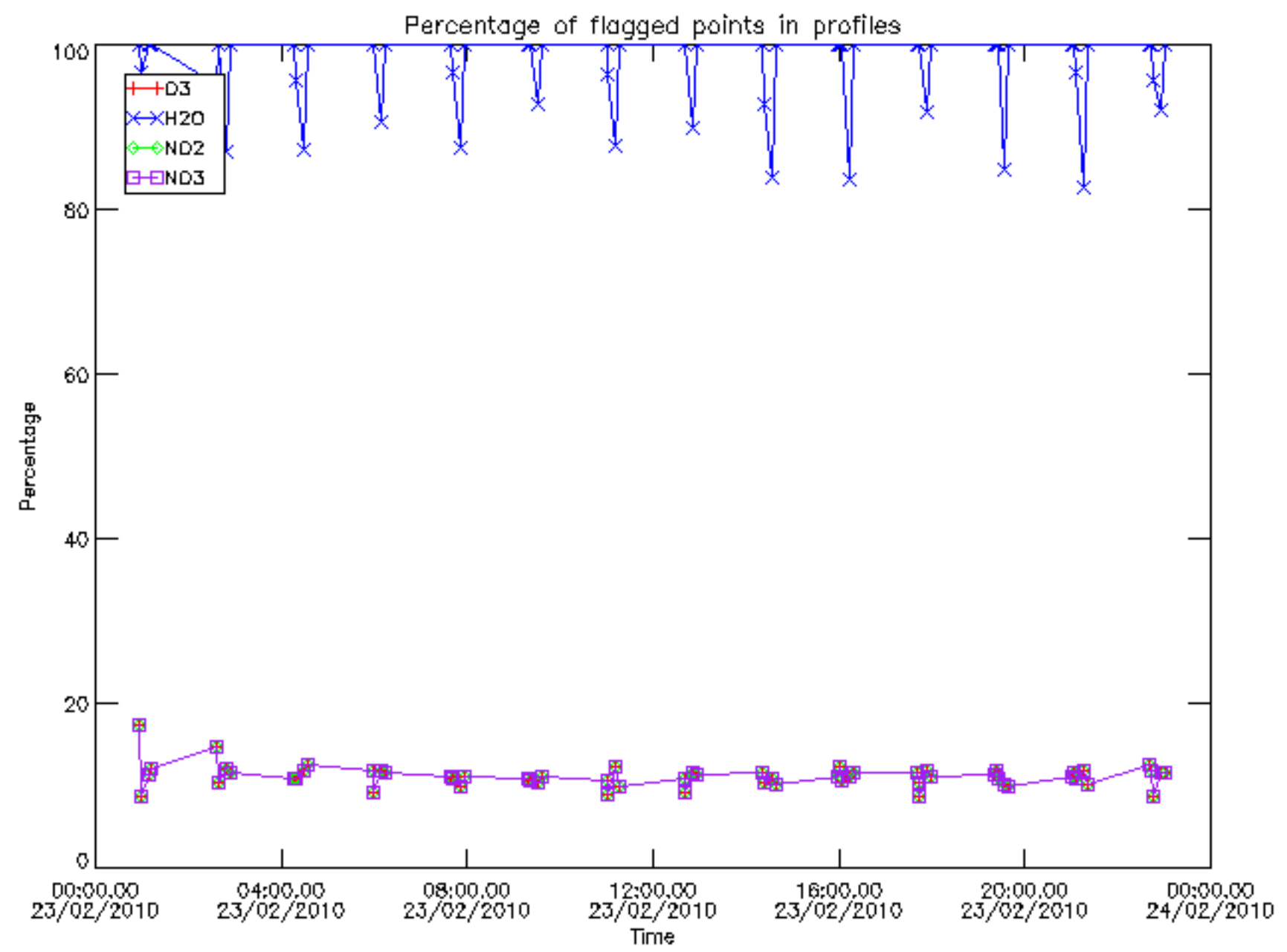




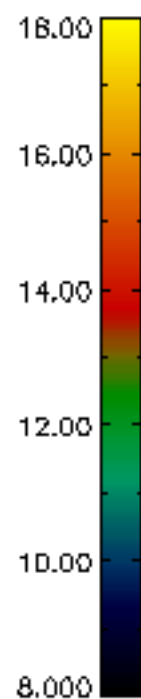
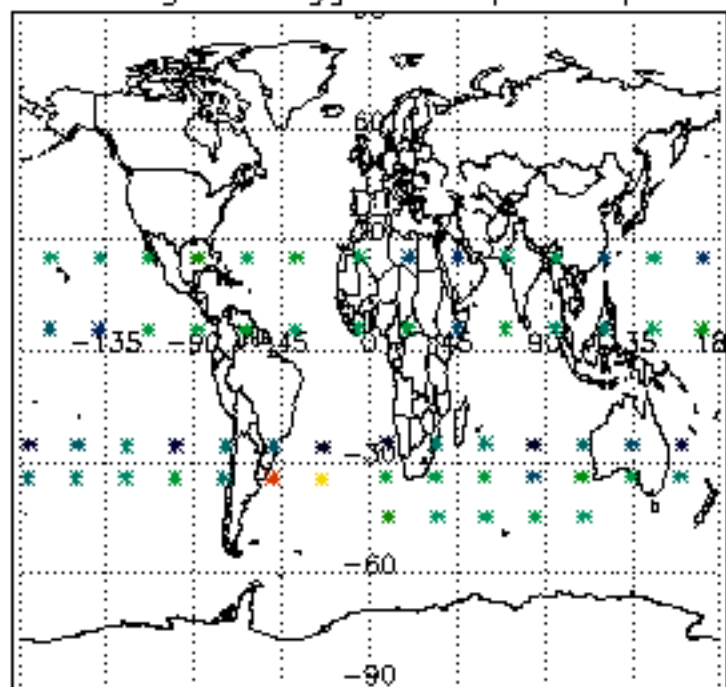




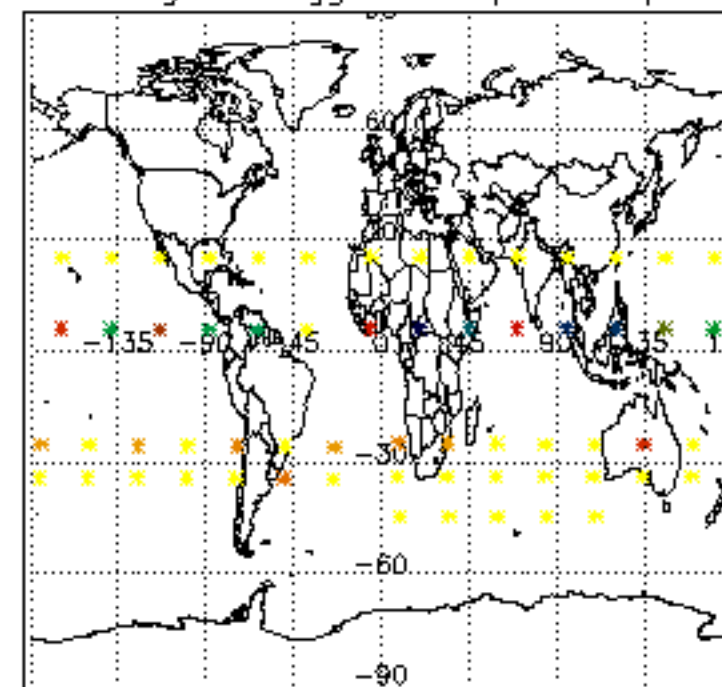




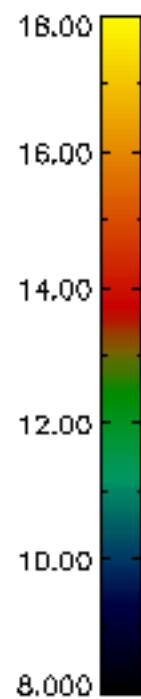
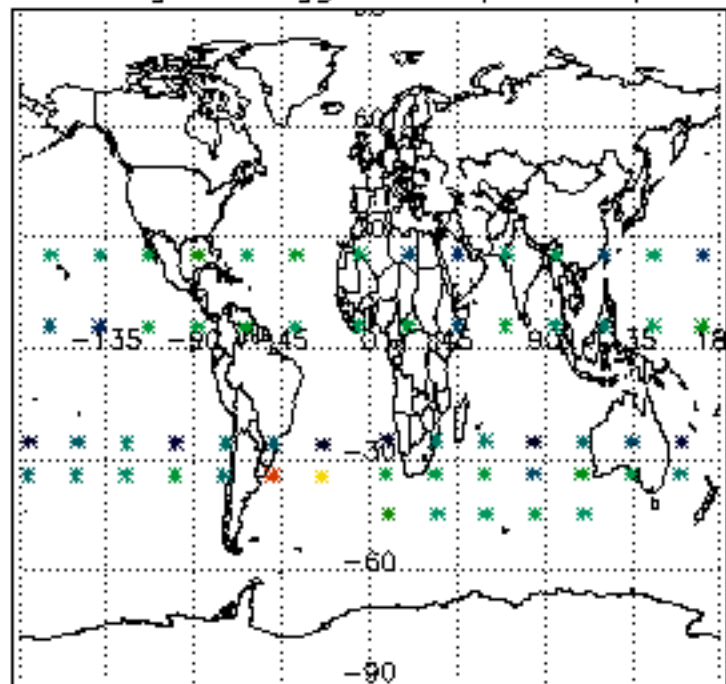
Percentage of flagged data per D3 profile



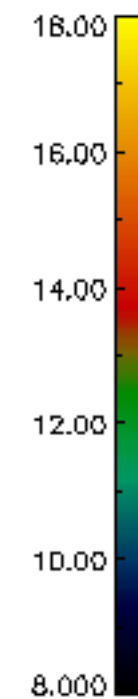
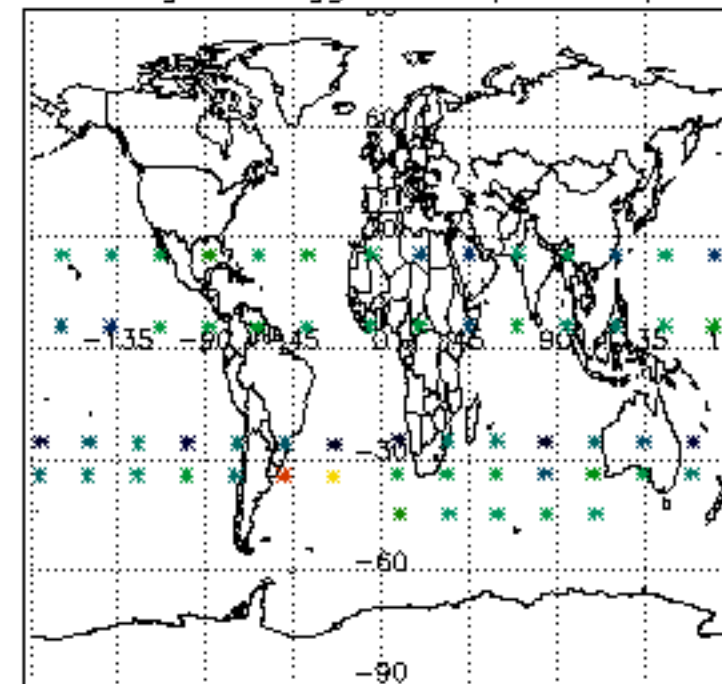
Percentage of flagged data per H2O profile

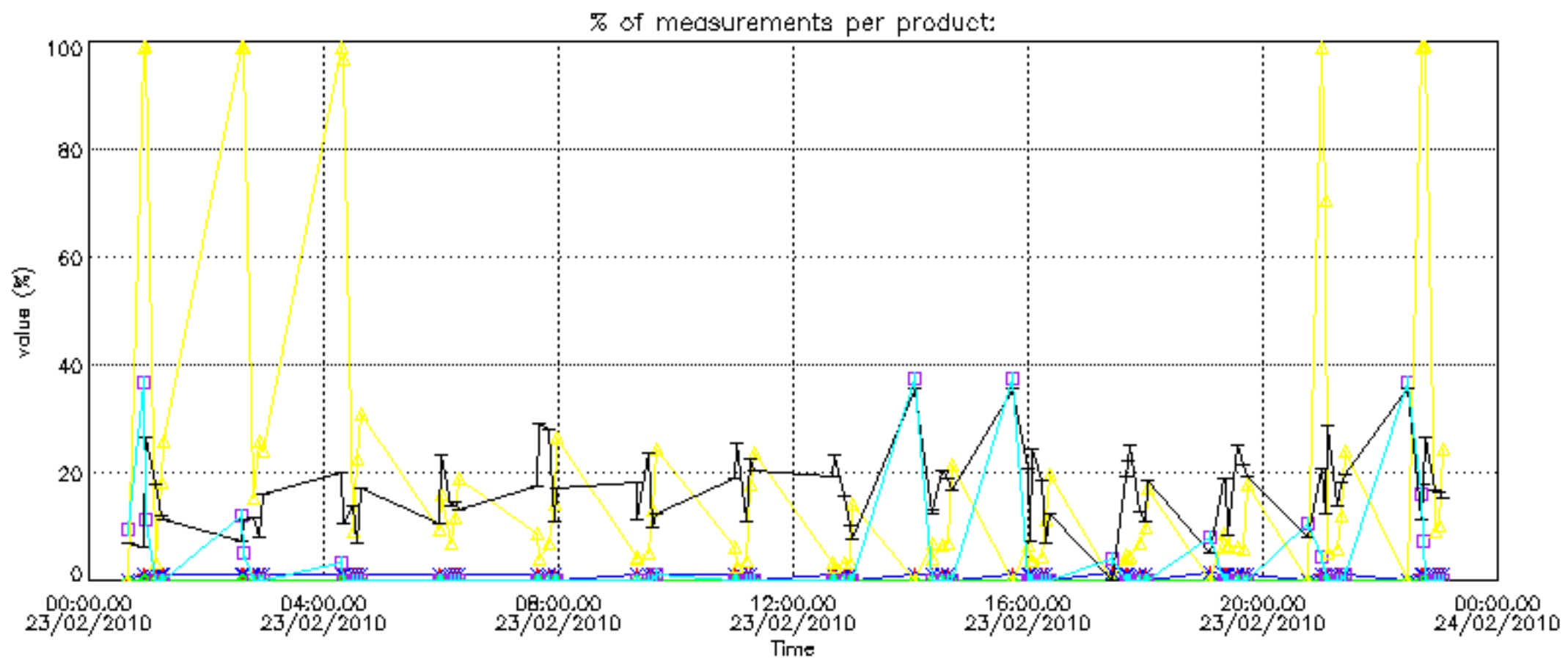
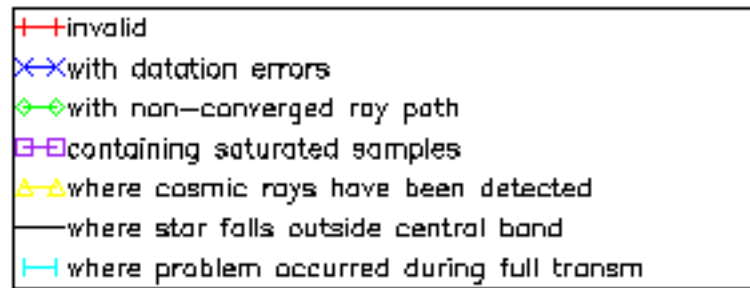


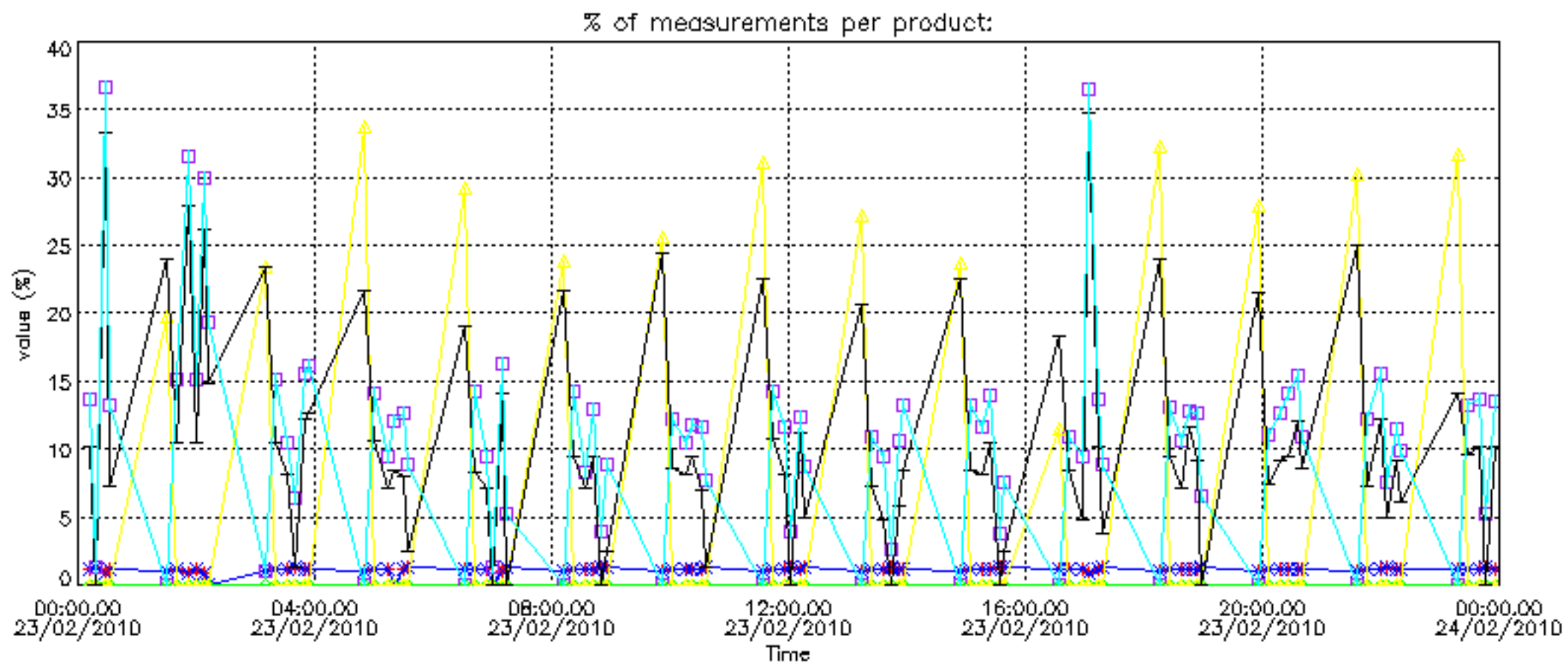
Percentage of flagged data per NO2 profile



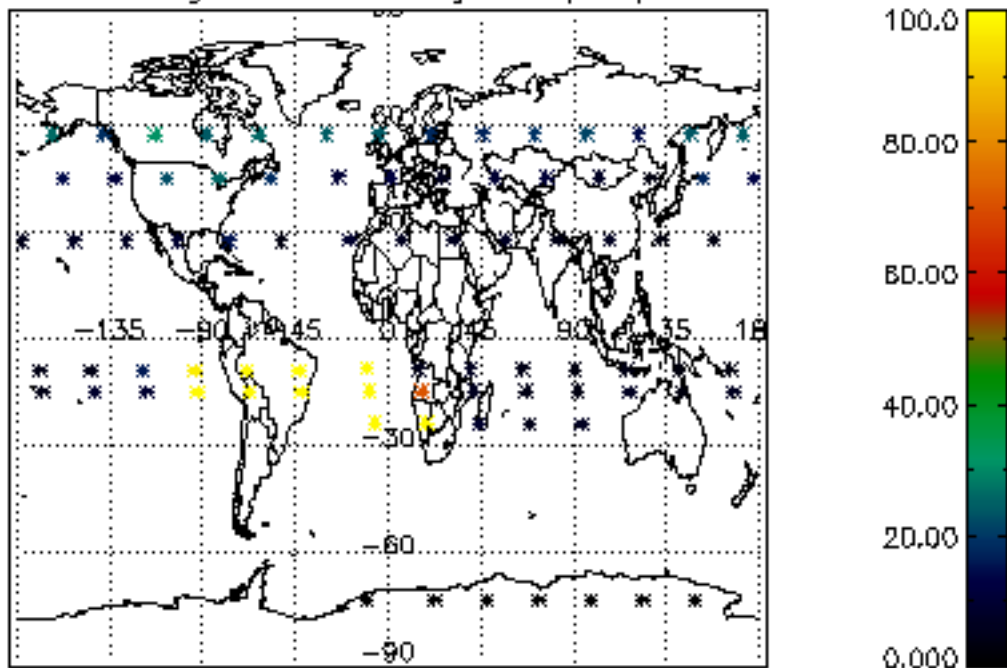
Percentage of flagged data per NO3 profile



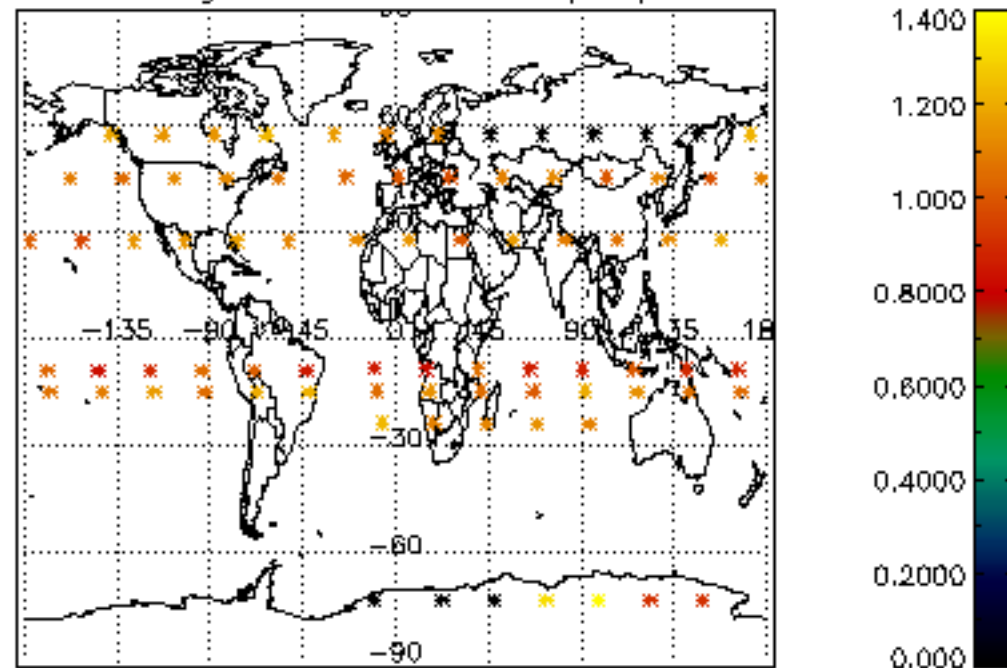




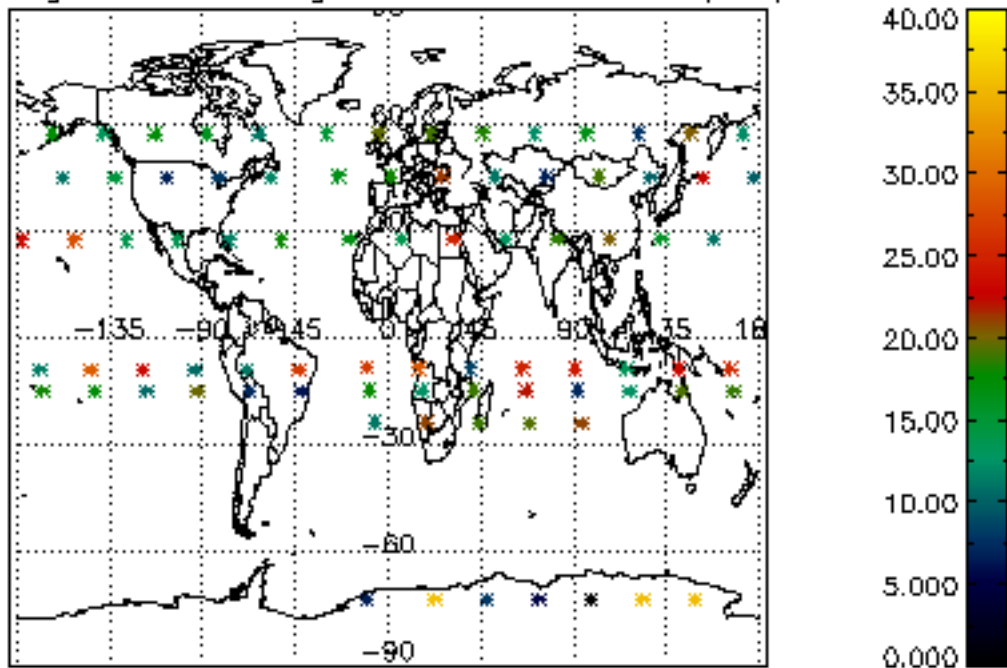
Percentage of cosmic ray hits per profile



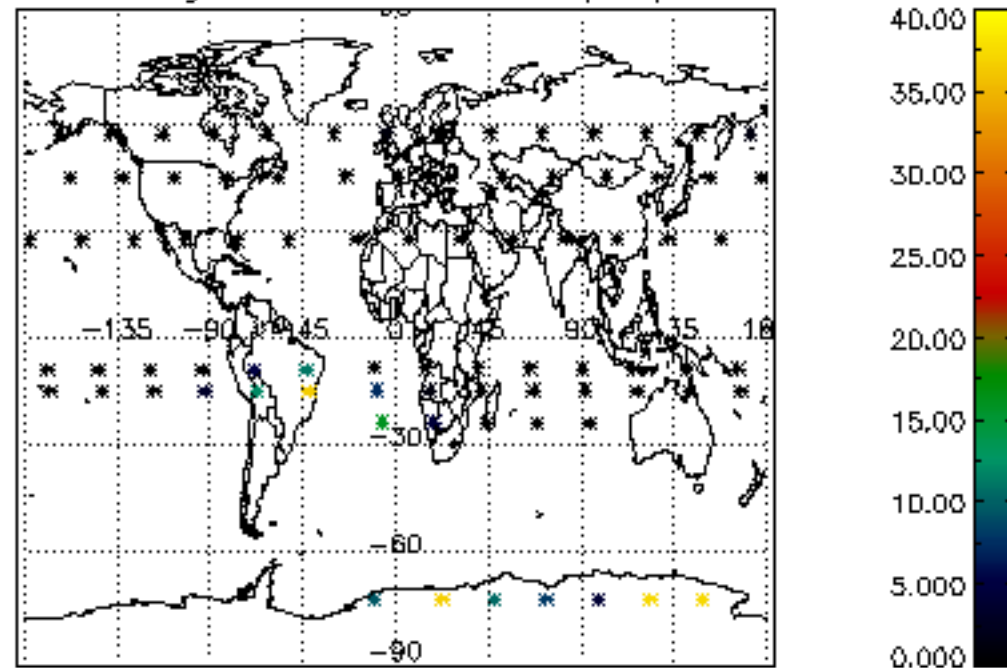
Percentage of datation errors per profile



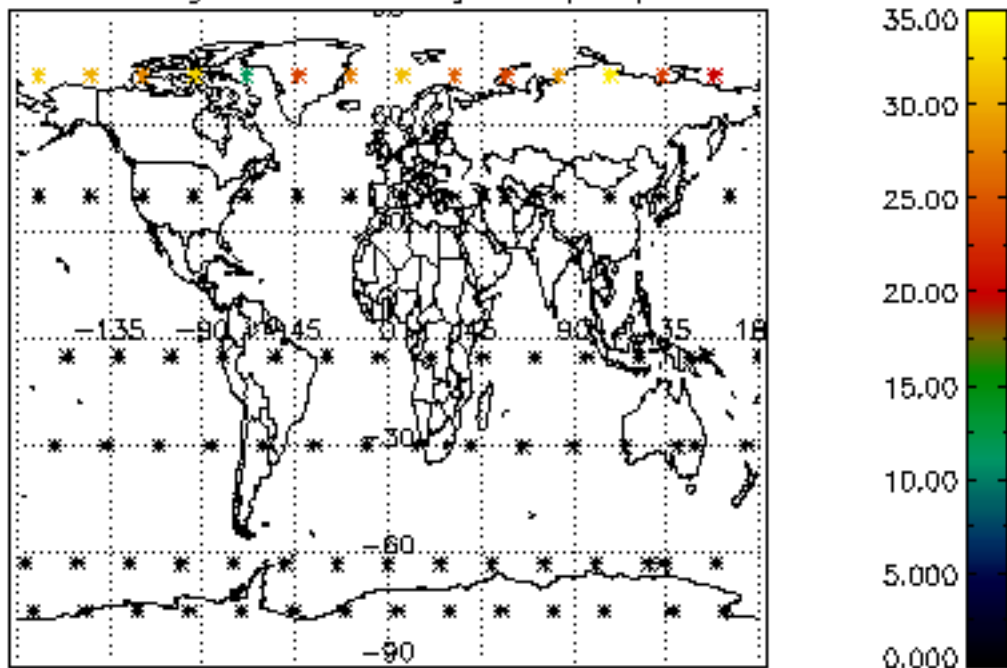
Percentage of star falling outside central band per profile



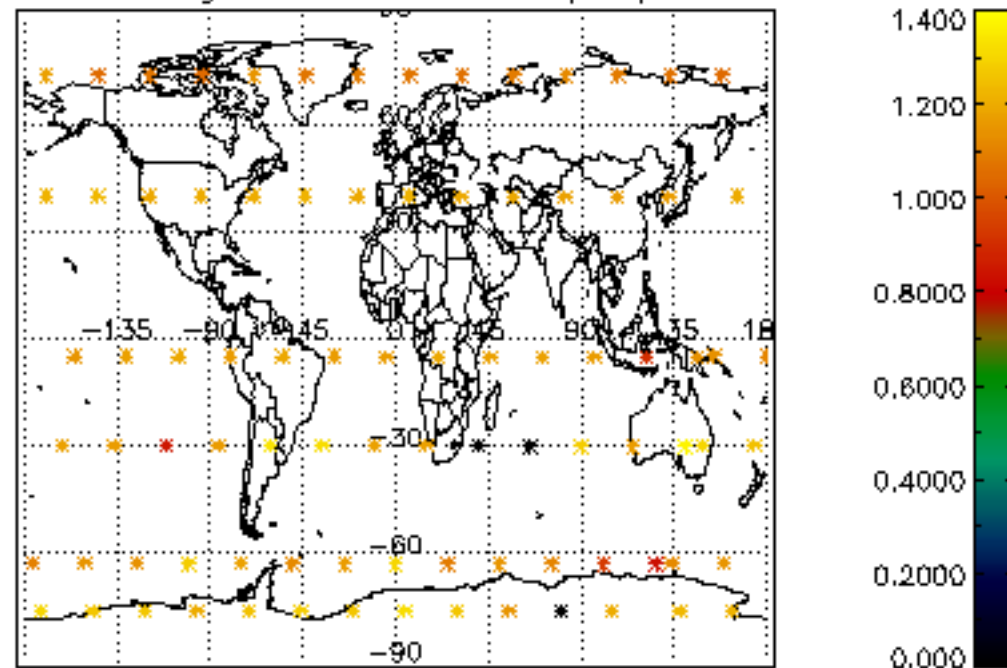
Percentage of saturation errors per profile



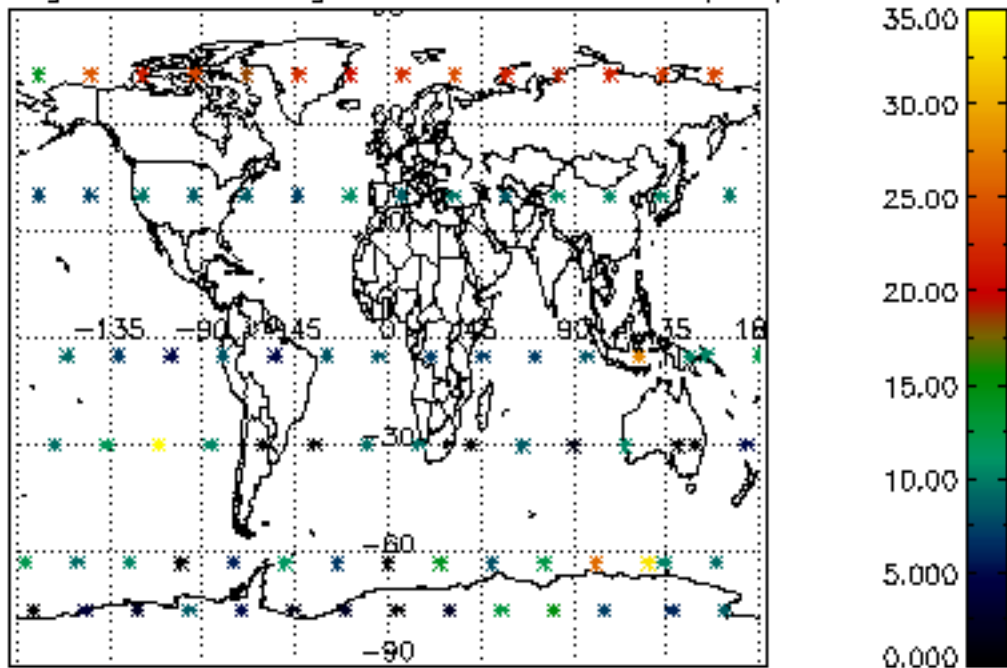
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

