

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 08:49:47
Data source version	GOMOS/6.01
Start time of products	15-04-2009 (15APR2009 00:00:00)
Stop time of products	16-04-2009 (16APR2009 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__2PRFIN20090415_000000_000000372078_00116_37244_7441.N1	15-APR-2009 00:00:00	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	37244	No
2	GOM_NL__2PRFIN20090415_000231_000000342078_00116_37244_7442.N1	15-APR-2009 00:02:31	Twilight	34.000	92	53Eps Cyg	2.5000	4500.0	68	37244	No
3	GOM_NL__2PRFIN20090415_003113_000000522078_00117_37245_7454.N1	15-APR-2009 00:31:13	Dark	52.000	103	38Zet Sgr	2.6000	9700.0	104	37245	No
4	GOM_NL__2PRFIN20090415_003448_000000532078_00117_37245_7455.N1	15-APR-2009 00:34:48	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37245	No
5	GOM_NL__2PRFIN20090415_003706_000000402078_00117_37245_7456.N1	15-APR-2009 00:37:06	Dark	39.500	147	Alp Ara	2.8770	26000.	79	37245	No
6	GOM_NL__2PRFIN20090415_003845_000000512078_00117_37245_7457.N1	15-APR-2009 00:38:45	Dark	51.000	25	35Lam Sco	1.6200	28000.	102	37245	No
7	GOM_NL__2PRFIN20090415_004436_000000392078_00117_37245_7458.N1	15-APR-2009 00:44:36	Straylight	39.000	131	Gam Lup	2.8000	26000.	78	37245	No
8	GOM_NL__2PRFIN20090415_010723_000000422078_00117_37245_7459.N1	15-APR-2009 01:07:23	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	37245	No
9	GOM_NL__2PRFIN20090415_011522_000000462078_00117_37245_7460.N1	15-APR-2009 01:15:22	Bright	45.500	180	27Gam Boo	3.0400	8000.0	91	37245	No
10	GOM_NL__2PRFIN20090415_012457_000000342078_00117_37245_7461.N1	15-APR-2009 01:24:57	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	37245	No
11	GOM_NL__2PRFIN20090415_013849_000000332078_00117_37245_7462.N1	15-APR-2009 01:38:49	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37245	No
12	GOM_NL__2PRFIN20090415_014036_000000372078_00117_37245_7463.N1	15-APR-2009 01:40:36	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	37245	No
13	GOM_NL__2PRFIN20090415_014307_000000342078_00117_37245_7464.N1	15-APR-2009 01:43:07	Twilight	34.000	92	53Eps Cyg	2.5000	4500.0	68	37245	No
14	GOM_NL__2PRFIN20090415_021151_000000492078_00118_37246_7469.N1	15-APR-2009 02:11:51	Dark	49.000	103	38Zet Sgr	2.6000	9700.0	98	37246	No
15	GOM_NL__2PRFIN20090415_021525_000000532078_00118_37246_7470.N1	15-APR-2009 02:15:25	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37246	No
16	GOM_NL__2PRFIN20090415_021743_000000392078_00118_37246_7471.N1	15-APR-2009 02:17:43	Dark	39.000	147	Alp Ara	2.8770	26000.	78	37246	No
17	GOM_NL__2PRFIN20090415_021923_000000512078_00118_37246_7472.N1	15-APR-2009 02:19:23	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37246	No
18	GOM_NL__2PRFIN20090415_022512_000000392078_00118_37246_7473.N1	15-APR-2009 02:25:12	Straylight	39.000	131	Gam Lup	2.8000	26000.	78	37246	No
19	GOM_NL__2PRFIN20090415_024758_000000422078_00118_37246_7474.N1	15-APR-2009 02:47:58	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	37246	No
20	GOM_NL__2PRFIN20090415_025557_000000462078_00118_37246_7475.N1	15-APR-2009 02:55:57	Bright	45.500	180	27Gam Boo	3.0400	8000.0	91	37246	No
21	GOM_NL__2PRFIN20090415_030533_000000382078_00118_37246_7476.N1	15-APR-2009 03:05:33	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37246	No
22	GOM_NL__2PRFIN20090415_031925_000000332078_00118_37246_7477.N1	15-APR-2009 03:19:25	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37246	No
23	GOM_NL__2PRFIN20090415_032112_000000362078_00118_37246_7478.N1	15-APR-2009 03:21:12	Twilight	36.000	66	37Gam Cyg	2.2080	5900.0	72	37246	No
24	GOM_NL__2PRFIN20090415_032343_000000352078_00118_37246_7479.N1	15-APR-2009 03:23:43	Twilight	34.500	92	53Eps Cyg	2.5000	4500.0	69	37246	No
25	GOM_NL__2PRFIN20090415_035228_000000492078_00119_37247_7479.N1	15-APR-2009 03:52:28	Dark	49.000	103	38Zet Sgr	2.6000	9700.0	98	37247	No
26	GOM_NL__2PRFIN20090415_035603_000000532078_00119_37247_7480.N1	15-APR-2009 03:56:03	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37247	No
27	GOM_NL__2PRFIN20090415_035819_000000402078_00119_37247_7481.N1	15-APR-2009 03:58:19	Dark	39.500	147	Alp Ara	2.8770	26000.	79	37247	No
28	GOM_NL__2PRFIN20090415_040000_000000512078_00119_37247_7482.N1	15-APR-2009 04:00:00	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37247	No
29	GOM_NL__2PRFIN20090415_040549_000000392078_00119_37247_7483.N1	15-APR-2009 04:05:49	Straylight	38.500	131	Gam Lup	2.8000	26000.	77	37247	No
30	GOM_NL__2PRFIN20090415_042834_000000422078_00119_37247_7484.N1	15-APR-2009 04:28:34	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	37247	No
31	GOM_NL__2PRFIN20090415_043632_000000452078_00119_37247_7485.N1	15-APR-2009 04:36:32	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	37247	No
32	GOM_NL__2PRFIN20090415_044608_000000392078_00119_37247_7486.N1	15-APR-2009 04:46:08	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	37247	No
33	GOM_NL__2PRFIN20090415_050001_000000332078_00119_37247_7487.N1	15-APR-2009 05:00:01	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37247	No
34	GOM_NL__2PRFIN20090415_050148_000000362078_00119_37247_7488.N1	15-APR-2009 05:01:48	Twilight	36.000	66	37Gam Cyg	2.2080	5900.0	72	37247	No
35	GOM_NL__2PRFIN20090415_050419_000000352078_00119_37247_7489.N1	15-APR-2009 05:04:19	Twilight	34.500	92	53Eps Cyg	2.5000	4500.0	69	37247	No
36	GOM_NL__2PRFIN20090415_053306_000000462078_00120_37248_7511.N1	15-APR-2009 05:33:06	Dark	46.000	103	38Zet Sgr	2.6000	9700.0	92	37248	No
37	GOM_NL__2PRFIN20090415_053640_000000532078_00120_37248_7512.N1	15-APR-2009 05:36:40	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37248	No
38	GOM_NL__2PRFIN20090415_053856_000000402078_00120_37248_7513.N1	15-APR-2009 05:38:56	Dark	39.500	147	Alp Ara	2.8770	26000.	79	37248	No
39	GOM_NL__2PRFIN20090415_054037_000000512078_00120_37248_7514.N1	15-APR-2009 05:40:37	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37248	No
40	GOM_NL__2PRFIN20090415_054625_000000392078_00120_37248_7515.N1	15-APR-2009 05:46:25	Straylight	38.500	131	Gam Lup	2.8000	26000.	77	37248	No
41	GOM_NL__2PRFIN20090415_055649_000000302078_00120_37248_7516.N1	15-APR-2009 05:56:49	Twilight	30.000	122	9Alp2Lib	2.7470	9700.0	60	37248	No
42	GOM_NL__2PRFIN20090415_060910_000000422078_00120_37248_7517.N1	15-APR-2009 06:09:10	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	37248	No

43	GOM_NL__2PRFIN20090415_061707_000000452078_00120_37248_7518.N1	15-APR-2009 06:17:07	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	37248	No
44	GOM_NL__2PRFIN20090415_062643_000000392078_00120_37248_7519.N1	15-APR-2009 06:26:43	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	37248	No
45	GOM_NL__2PRFIN20090415_064037_000000332078_00120_37248_7520.N1	15-APR-2009 06:40:37	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37248	No
46	GOM_NL__2PRFIN20090415_064224_000000362078_00120_37248_7521.N1	15-APR-2009 06:42:24	Twi_and_stray	36.000	66	37Gam Cyg	2.2080	5900.0	72	37248	No
47	GOM_NL__2PRFIN20090415_064455_000000352078_00120_37248_7522.N1	15-APR-2009 06:44:55	Twi_and_stray	34.500	92	53Eps Cyg	2.5000	4500.0	69	37248	No
48	GOM_NL__2PRFIN20090415_071343_000000462078_00121_37249_7525.N1	15-APR-2009 07:13:43	Dark	46.000	103	38Zet Sgr	2.6000	9700.0	92	37249	No
49	GOM_NL__2PRFIN20090415_071718_000000532078_00121_37249_7526.N1	15-APR-2009 07:17:18	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37249	No
50	GOM_NL__2PRFIN20090415_071933_000000402078_00121_37249_7527.N1	15-APR-2009 07:19:33	Dark	39.500	147	Alp Ara	2.8770	26000.	79	37249	No
51	GOM_NL__2PRFIN20090415_072114_000000512078_00121_37249_7528.N1	15-APR-2009 07:21:14	Dark	51.000	25	35Lam Sco	1.6200	28000.	102	37249	No
52	GOM_NL__2PRFIN20090415_072702_000000392078_00121_37249_7529.N1	15-APR-2009 07:27:02	Straylight	38.500	131	Gam Lup	2.8000	26000.	77	37249	No
53	GOM_NL__2PRFIN20090415_073725_000000302078_00121_37249_7530.N1	15-APR-2009 07:37:25	Twi_and_stray	29.500	122	9Alp2Lib	2.7470	9700.0	59	37249	No
54	GOM_NL__2PRFIN20090415_074945_000000422078_00121_37249_7531.N1	15-APR-2009 07:49:45	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	37249	No
55	GOM_NL__2PRFIN20090415_075742_000000452078_00121_37249_7532.N1	15-APR-2009 07:57:42	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	37249	No
56	GOM_NL__2PRFIN20090415_080718_000000392078_00121_37249_7533.N1	15-APR-2009 08:07:18	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	37249	No
57	GOM_NL__2PRFIN20090415_082112_000000332078_00121_37249_7534.N1	15-APR-2009 08:21:12	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37249	No
58	GOM_NL__2PRFIN20090415_082259_000000372078_00121_37249_7535.N1	15-APR-2009 08:22:59	Twi_and_stray	36.500	66	37Gam Cyg	2.2080	5900.0	73	37249	No
59	GOM_NL__2PRFIN20090415_082531_000000352078_00121_37249_7536.N1	15-APR-2009 08:25:31	Twi_and_stray	34.500	92	53Eps Cyg	2.5000	4500.0	69	37249	No
60	GOM_NL__2PRFIN20090415_085421_000000422078_00122_37250_7538.N1	15-APR-2009 08:54:21	Dark	42.000	103	38Zet Sgr	2.6000	9700.0	84	37250	No
61	GOM_NL__2PRFIN20090415_085755_000000542078_00122_37250_7539.N1	15-APR-2009 08:57:55	Dark	53.500	38	20Eps Sgr	1.8360	11000.	107	37250	No
62	GOM_NL__2PRFIN20090415_090010_000000392078_00122_37250_7540.N1	15-APR-2009 09:00:10	Dark	38.500	147	Alp Ara	2.8770	26000.	77	37250	No
63	GOM_NL__2PRFIN20090415_090152_000000502078_00122_37250_7541.N1	15-APR-2009 09:01:52	Dark	50.000	25	35Lam Sco	1.6200	28000.	100	37250	No
64	GOM_NL__2PRFIN20090415_090739_000000382078_00122_37250_7542.N1	15-APR-2009 09:07:39	Straylight	38.000	131	Gam Lup	2.8000	26000.	76	37250	No
65	GOM_NL__2PRFIN20090415_091801_000000352078_00122_37250_7543.N1	15-APR-2009 09:18:01	Twi_and_stray	34.500	122	9Alp2Lib	2.7470	9700.0	69	37250	No
66	GOM_NL__2PRFIN20090415_093020_000000412078_00122_37250_7544.N1	15-APR-2009 09:30:20	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	37250	No
67	GOM_NL__2PRFIN20090415_093817_000000452078_00122_37250_7545.N1	15-APR-2009 09:38:17	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	37250	No
68	GOM_NL__2PRFIN20090415_094754_000000382078_00122_37250_7546.N1	15-APR-2009 09:47:54	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37250	No
69	GOM_NL__2PRFIN20090415_100148_000000332078_00122_37250_7547.N1	15-APR-2009 10:01:48	Twi_and_stray	32.500	19	50Alp Cyg	1.2460	10500.	65	37250	No
70	GOM_NL__2PRFIN20090415_100335_000000362078_00122_37250_7548.N1	15-APR-2009 10:03:35	Twi_and_stray	35.500	66	37Gam Cyg	2.2080	5900.0	71	37250	No
71	GOM_NL__2PRFIN20090415_103458_000000422078_00123_37251_7548.N1	15-APR-2009 10:34:58	Dark	42.000	103	38Zet Sgr	2.6000	9700.0	84	37251	No
72	GOM_NL__2PRFIN20090415_103833_000000532078_00123_37251_7549.N1	15-APR-2009 10:38:33	Dark	52.500	38	20Eps Sgr	1.8360	11000.	105	37251	No
73	GOM_NL__2PRFIN20090415_104047_000000382078_00123_37251_7550.N1	15-APR-2009 10:40:47	Dark	38.000	147	Alp Ara	2.8770	26000.	76	37251	No
74	GOM_NL__2PRFIN20090415_104229_000000502078_00123_37251_7551.N1	15-APR-2009 10:42:29	Dark	50.000	25	35Lam Sco	1.6200	28000.	100	37251	No
75	GOM_NL__2PRFIN20090415_104815_000000382078_00123_37251_7552.N1	15-APR-2009 10:48:15	Straylight	38.000	131	Gam Lup	2.8000	26000.	76	37251	No
76	GOM_NL__2PRFIN20090415_105837_000000352078_00123_37251_7553.N1	15-APR-2009 10:58:37	Twi_and_stray	34.500	122	9Alp2Lib	2.7470	9700.0	69	37251	No
77	GOM_NL__2PRFIN20090415_111056_000000412078_00123_37251_7554.N1	15-APR-2009 11:10:56	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	37251	No
78	GOM_NL__2PRFIN20090415_111852_000000442078_00123_37251_7555.N1	15-APR-2009 11:18:52	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	37251	No
79	GOM_NL__2PRFIN20090415_112829_000000392078_00123_37251_7556.N1	15-APR-2009 11:28:29	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	37251	No
80	GOM_NL__2PRFIN20090415_114224_000000332078_00123_37251_7557.N1	15-APR-2009 11:42:24	Twi_and_stray	32.500	19	50Alp Cyg	1.2460	10500.	65	37251	No
81	GOM_NL__2PRFIN20090415_114411_000000362078_00123_37251_7558.N1	15-APR-2009 11:44:11	Twi_and_stray	35.500	66	37Gam Cyg	2.2080	5900.0	71	37251	No
82	GOM_NL__2PRFIN20090415_121537_000000392078_00124_37252_7575.N1	15-APR-2009 12:15:37	Dark	39.000	103	38Zet Sgr	2.6000	9700.0	78	37252	No
83	GOM_NL__2PRFIN20090415_121910_000000522078_00124_37252_7576.N1	15-APR-2009 12:19:10	Dark	52.000	38	20Eps Sgr	1.8360	11000.	104	37252	No
84	GOM_NL__2PRFIN20090415_122124_000000382078_00124_37252_7577.N1	15-APR-2009 12:21:24	Dark	38.000	147	Alp Ara	2.8770	26000.	76	37252	No
85	GOM_NL__2PRFIN20090415_122306_000000502078_00124_37252_7578.N1	15-APR-2009 12:23:06	Dark	49.500	25	35Lam Sco	1.6200	28000.	99	37252	No
86	GOM_NL__2PRFIN20090415_122852_000000382078_00124_37252_7579.N1	15-APR-2009 12:28:52	Straylight	38.000	131	Gam Lup	2.8000	26000.	76	37252	No
87	GOM_NL__2PRFIN20090415_123913_000000412078_00124_37252_7580.N1	15-APR-2009 12:39:13	Bright	41.000	122	9Alp2Lib	2.7470	9700.0	82	37252	No
88	GOM_NL__2PRFIN20090415_125131_000000402078_00124_37252_7581.N1	15-APR-2009 12:51:31	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	37252	No
89	GOM_NL__2PRFIN20090415_125927_000000442078_00124_37252_7582.N1	15-APR-2009 12:59:27	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	37252	No
90	GOM_NL__2PRFIN20090415_132300_000000322078_00124_37252_7583.N1	15-APR-2009 13:23:00	Twi_and_stray	32.000	19	50Alp Cyg	1.2460	10500.	64	37252	No
91	GOM_NL__2PRFIN20090415_132447_000000362078_00124_37252_7584.N1	15-APR-2009 13:24:47	Twi_and_stray	35.500	66	37Gam Cyg	2.2080	5900.0	71	37252	No
92	GOM_NL__2PRFIN20090415_135614_000000392078_00125_37253_7589.N1	15-APR-2009 13:56:14	Dark	39.000	103	38Zet Sgr	2.6000	9700.0	78	37253	No
93	GOM_NL__2PRFIN20090415_135948_000000532078_00125_37253_7590.N1	15-APR-2009 13:59:48	Dark	52.500	38	20Eps Sgr	1.8360	11000.	105	37253	No
94	GOM_NL__2PRFIN20090415_140200_000000392078_00125_37253_7591.N1	15-APR-2009 14:02:00	Dark	38.500	147	Alp Ara	2.8770	26000.	77	37253	No
95	GOM_NL__2PRFIN20090415_140343_000000512078_00125_37253_7592.N1	15-APR-2009 14:03:43	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37253	No
96	GOM_NL__2PRFIN20090415_140928_000000382078_00125_37253_7593.N1	15-APR-2009 14:09:28	Straylight	38.000	131	Gam Lup	2.8000	26000.	76	37253	No
97	GOM_NL__2PRFIN20090415_141949_000000412078_00125_37253_7594.N1	15-APR-2009 14:19:49	Bright	41.000	122	9Alp2Lib	2.7470	9700.0	82	37253	No
98	GOM_NL__2PRFIN20090415_143206_000000412078_00125_37253_7595.N1	15-APR-2009 14:32:06	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	37253	No
99	GOM_NL__2PRFIN20090415_144002_000000452078_00125_37253_7596.N1	15-APR-2009 14:40:02	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	37253	No
100	GOM_NL__2PRFIN20090415_144939_000000392078_00125_37253_7597.N1	15-APR-2009 14:49:39	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	37253	No
101	GOM_NL__2PRFIN20090415_150336_000000332078_00125_37253_7598.N1	15-APR-2009 15:03:36	Twi_and_stray	32.500	19	50Alp Cyg	1.2460	10500.	65	37253	No

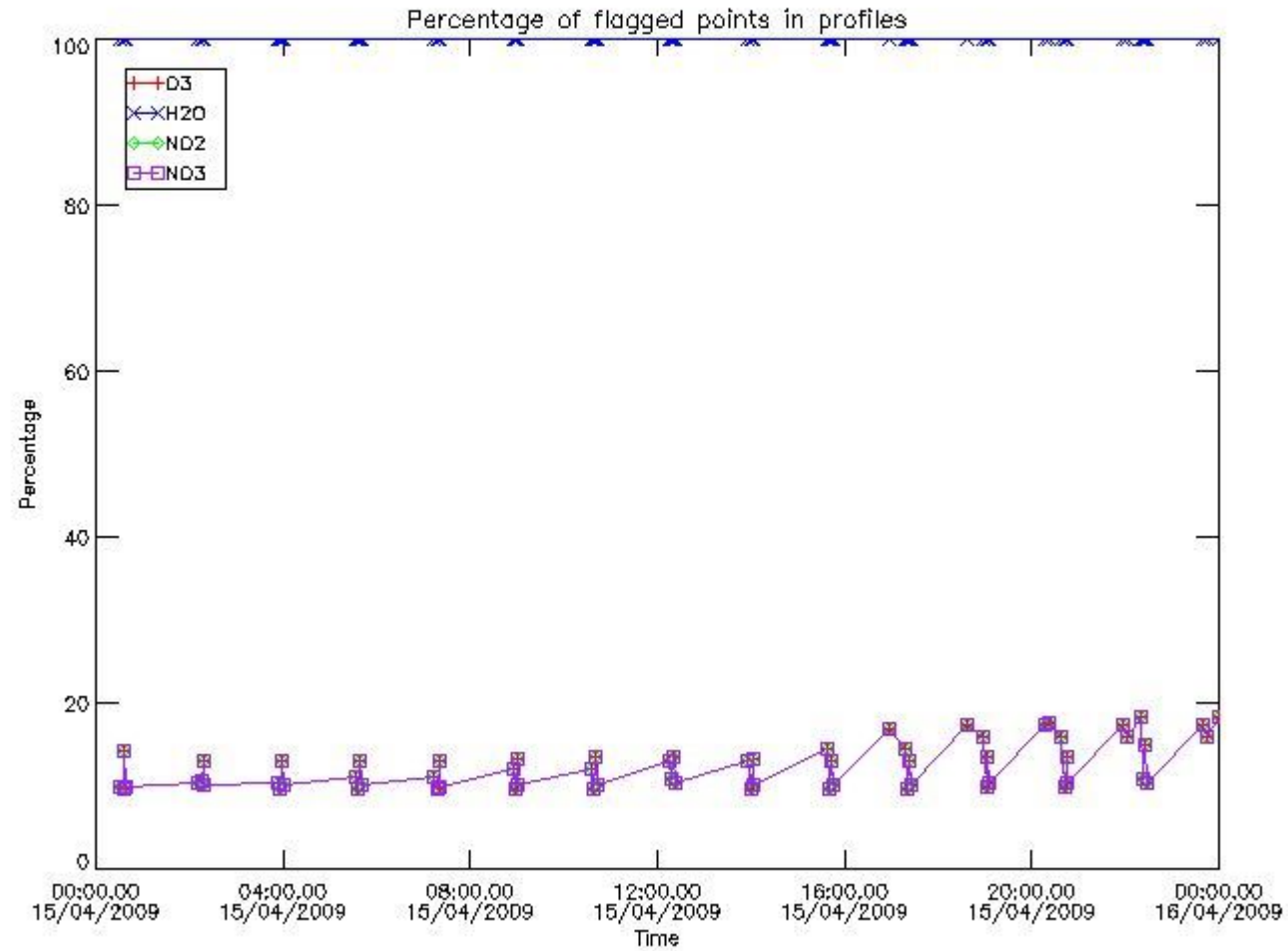
102	GOM_NL__2PRFIN20090415_150523_000000362078_00125_37253_7599.N1	15-APR-2009 15:05:23	TwI_and_stray	36.000	66	37Gam Cyg	2.2080	5900.0	72	37253	No
103	GOM_NL__2PRFIN20090415_153651_000000352078_00126_37254_7623.N1	15-APR-2009 15:36:51	Dark	35.000	103	38Zet Sgr	2.6000	9700.0	70	37254	No
104	GOM_NL__2PRFIN20090415_154025_000000532078_00126_37254_7624.N1	15-APR-2009 15:40:25	Dark	52.500	38	20Eps Sgr	1.8360	11000.	105	37254	No
105	GOM_NL__2PRFIN20090415_154237_000000392078_00126_37254_7625.N1	15-APR-2009 15:42:37	Dark	39.000	147	Alp Ara	2.8770	26000.	78	37254	No
106	GOM_NL__2PRFIN20090415_154420_000000502078_00126_37254_7626.N1	15-APR-2009 15:44:20	Dark	50.000	25	35Lam Sco	1.6200	28000.	100	37254	No
107	GOM_NL__2PRFIN20090415_155005_000000382078_00126_37254_7627.N1	15-APR-2009 15:50:05	Straylight	38.000	131	Gam Lup	2.8000	26000.	76	37254	No
108	GOM_NL__2PRFIN20090415_160025_000000442078_00126_37254_7628.N1	15-APR-2009 16:00:25	Bright	44.000	122	9Alp2Lib	2.7470	9700.0	88	37254	No
109	GOM_NL__2PRFIN20090415_161242_000000412078_00126_37254_7629.N1	15-APR-2009 16:12:42	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	37254	No
110	GOM_NL__2PRFIN20090415_162037_000000452078_00126_37254_7630.N1	15-APR-2009 16:20:37	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	37254	No
111	GOM_NL__2PRFIN20090415_163014_000000392078_00126_37254_7631.N1	15-APR-2009 16:30:14	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	37254	No
112	GOM_NL__2PRFIN20090415_164411_000000332078_00126_37254_7632.N1	15-APR-2009 16:44:11	TwI_and_stray	32.500	19	50Alp Cyg	1.2460	10500.	65	37254	No
113	GOM_NL__2PRFIN20090415_164558_000000362078_00126_37254_7633.N1	15-APR-2009 16:45:58	TwI_and_stray	36.000	66	37Gam Cyg	2.2080	5900.0	72	37254	No
114	GOM_NL__2PRFIN20090415_165556_000000312078_00126_37254_7634.N1	15-APR-2009 16:55:56	Dark	30.500	61	8Eps Peg	2.1000	3900.0	61	37254	No
115	GOM_NL__2PRFIN20090415_171729_000000352078_00127_37255_7641.N1	15-APR-2009 17:17:29	Dark	35.000	103	38Zet Sgr	2.6000	9700.0	70	37255	No
116	GOM_NL__2PRFIN20090415_172102_000000532078_00127_37255_7642.N1	15-APR-2009 17:21:02	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37255	No
117	GOM_NL__2PRFIN20090415_172314_000000392078_00127_37255_7643.N1	15-APR-2009 17:23:14	Dark	39.000	147	Alp Ara	2.8770	26000.	78	37255	No
118	GOM_NL__2PRFIN20090415_172458_000000502078_00127_37255_7644.N1	15-APR-2009 17:24:58	Dark	50.000	25	35Lam Sco	1.6200	28000.	100	37255	No
119	GOM_NL__2PRFIN20090415_173041_000000392078_00127_37255_7645.N1	15-APR-2009 17:30:41	Straylight	38.500	131	Gam Lup	2.8000	26000.	77	37255	No
120	GOM_NL__2PRFIN20090415_174101_000000442078_00127_37255_7646.N1	15-APR-2009 17:41:01	Bright	44.000	122	9Alp2Lib	2.7470	9700.0	88	37255	No
121	GOM_NL__2PRFIN20090415_175317_000000412078_00127_37255_7647.N1	15-APR-2009 17:53:17	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	37255	No
122	GOM_NL__2PRFIN20090415_180112_000000442078_00127_37255_7648.N1	15-APR-2009 18:01:12	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	37255	No
123	GOM_NL__2PRFIN20090415_181050_000000392078_00127_37255_7649.N1	15-APR-2009 18:10:50	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	37255	No
124	GOM_NL__2PRFIN20090415_182447_000000322078_00127_37255_7650.N1	15-APR-2009 18:24:47	TwI_and_stray	31.500	19	50Alp Cyg	1.2460	10500.	63	37255	No
125	GOM_NL__2PRFIN20090415_182634_000000352078_00127_37255_7651.N1	15-APR-2009 18:26:34	TwI_and_stray	35.000	66	37Gam Cyg	2.2080	5900.0	70	37255	No
126	GOM_NL__2PRFIN20090415_183633_000000302078_00127_37255_7652.N1	15-APR-2009 18:36:33	Dark	29.500	61	8Eps Peg	2.1000	3900.0	59	37255	No
127	GOM_NL__2PRFIN20090415_185807_000000322078_00128_37256_7656.N1	15-APR-2009 18:58:07	Dark	32.000	103	38Zet Sgr	2.6000	9700.0	64	37256	No
128	GOM_NL__2PRFIN20090415_190140_000000512078_00128_37256_7657.N1	15-APR-2009 19:01:40	Dark	51.000	38	20Eps Sgr	1.8360	11000.	102	37256	No
129	GOM_NL__2PRFIN20090415_190351_000000382078_00128_37256_7658.N1	15-APR-2009 19:03:51	Dark	37.500	147	Alp Ara	2.8770	26000.	75	37256	No
130	GOM_NL__2PRFIN20090415_190535_000000492078_00128_37256_7659.N1	15-APR-2009 19:05:35	Dark	49.000	25	35Lam Sco	1.6200	28000.	98	37256	No
131	GOM_NL__2PRFIN20090415_191118_000000372078_00128_37256_7660.N1	15-APR-2009 19:11:18	Straylight	37.000	131	Gam Lup	2.8000	26000.	74	37256	No
132	GOM_NL__2PRFIN20090415_192137_000000432078_00128_37256_7661.N1	15-APR-2009 19:21:37	Bright	42.500	122	9Alp2Lib	2.7470	9700.0	85	37256	No
133	GOM_NL__2PRFIN20090415_193353_000000402078_00128_37256_7662.N1	15-APR-2009 19:33:53	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	37256	No
134	GOM_NL__2PRFIN20090415_194147_000000432078_00128_37256_7663.N1	15-APR-2009 19:41:47	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	37256	No
135	GOM_NL__2PRFIN20090415_195125_000000382078_00128_37256_7664.N1	15-APR-2009 19:51:25	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	37256	No
136	GOM_NL__2PRFIN20090415_200523_000000322078_00128_37256_7665.N1	15-APR-2009 20:05:23	TwI_and_stray	32.000	19	50Alp Cyg	1.2460	10500.	64	37256	No
137	GOM_NL__2PRFIN20090415_200710_000000352078_00128_37256_7666.N1	15-APR-2009 20:07:10	TwI_and_stray	35.000	66	37Gam Cyg	2.2080	5900.0	70	37256	No
138	GOM_NL__2PRFIN20090415_200944_000000342078_00128_37256_7667.N1	15-APR-2009 20:09:44	TwI_and_stray	33.500	92	53Eps Cyg	2.5000	4500.0	67	37256	No
139	GOM_NL__2PRFIN20090415_201709_000000302078_00128_37256_7668.N1	15-APR-2009 20:17:09	Dark	29.500	61	8Eps Peg	2.1000	3900.0	59	37256	No
140	GOM_NL__2PRFIN20090415_202216_000000322078_00128_37256_7669.N1	15-APR-2009 20:22:16	Dark	32.000	154	22Bet Aqr	2.8990	5700.0	64	37256	No
141	GOM_NL__2PRFIN20090415_203844_000000322078_00129_37257_7670.N1	15-APR-2009 20:38:44	Dark	32.000	103	38Zet Sgr	2.6000	9700.0	64	37257	No
142	GOM_NL__2PRFIN20090415_204217_000000522078_00129_37257_7671.N1	15-APR-2009 20:42:17	Dark	51.500	38	20Eps Sgr	1.8360	11000.	103	37257	No
143	GOM_NL__2PRFIN20090415_204428_000000382078_00129_37257_7672.N1	15-APR-2009 20:44:28	Dark	38.000	147	Alp Ara	2.8770	26000.	76	37257	No
144	GOM_NL__2PRFIN20090415_204612_000000492078_00129_37257_7673.N1	15-APR-2009 20:46:12	Dark	49.000	25	35Lam Sco	1.6200	28000.	98	37257	No
145	GOM_NL__2PRFIN20090415_205155_000000372078_00129_37257_7674.N1	15-APR-2009 20:51:55	Straylight	37.000	131	Gam Lup	2.8000	26000.	74	37257	No
146	GOM_NL__2PRFIN20090415_210213_000000432078_00129_37257_7675.N1	15-APR-2009 21:02:13	Bright	42.500	122	9Alp2Lib	2.7470	9700.0	85	37257	No
147	GOM_NL__2PRFIN20090415_211428_000000402078_00129_37257_7676.N1	15-APR-2009 21:14:28	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	37257	No
148	GOM_NL__2PRFIN20090415_212222_000000432078_00129_37257_7677.N1	15-APR-2009 21:22:22	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	37257	No
149	GOM_NL__2PRFIN20090415_213200_000000382078_00129_37257_7678.N1	15-APR-2009 21:32:00	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	37257	No
150	GOM_NL__2PRFIN20090415_214559_000000322078_00129_37257_7679.N1	15-APR-2009 21:45:59	TwI_and_stray	32.000	19	50Alp Cyg	1.2460	10500.	64	37257	No
151	GOM_NL__2PRFIN20090415_214746_000000352078_00129_37257_7680.N1	15-APR-2009 21:47:46	TwI_and_stray	35.000	66	37Gam Cyg	2.2080	5900.0	70	37257	No
152	GOM_NL__2PRFIN20090415_215019_000000342078_00129_37257_7681.N1	15-APR-2009 21:50:19	TwI_and_stray	33.500	92	53Eps Cyg	2.5000	4500.0	67	37257	No
153	GOM_NL__2PRFIN20090415_215746_000000302078_00129_37257_7682.N1	15-APR-2009 21:57:46	Dark	29.500	61	8Eps Peg	2.1000	3900.0	59	37257	No
154	GOM_NL__2PRFIN20090415_220252_000000322078_00129_37257_7683.N1	15-APR-2009 22:02:52	Dark	31.500	154	22Bet Aqr	2.8990	5700.0	63	37257	No
155	GOM_NL__2PRFIN20090415_221921_000000282078_00130_37258_7690.N1	15-APR-2009 22:19:21	Dark	28.000	103	38Zet Sgr	2.6000	9700.0	56	37258	No
156	GOM_NL__2PRFIN20090415_222255_000000522078_00130_37258_7691.N1	15-APR-2009 22:22:55	Dark	51.500	38	20Eps Sgr	1.8360	11000.	103	37258	No
157	GOM_NL__2PRFIN20090415_222504_000000382078_00130_37258_7692.N1	15-APR-2009 22:25:04	Dark	37.500	147	Alp Ara	2.8770	26000.	75	37258	No
158	GOM_NL__2PRFIN20090415_222649_000000492078_00130_37258_7693.N1	15-APR-2009 22:26:49	Dark	49.000	25	35Lam Sco	1.6200	28000.	98	37258	No
159	GOM_NL__2PRFIN20090415_223231_000000372078_00130_37258_7694.N1	15-APR-2009 22:32:31	Straylight	37.000	131	Gam Lup	2.8000	26000.	74	37258	No
160	GOM_NL__2PRFIN20090415_224249_000000432078_00130_37258_7695.N1	15-APR-2009 22:42:49	Bright	42.500	122	9Alp2Lib	2.7470	9700.0	85	37258	No

161	GOM_NL__2PRFIN20090415_225504_000000402078_00130_37258_7696.N1	15-APR-2009 22:55:04	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	37258	No
162	GOM_NL__2PRFIN20090415_230257_000000432078_00130_37258_7697.N1	15-APR-2009 23:02:57	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	37258	No
163	GOM_NL__2PRFIN20090415_231236_000000372078_00130_37258_7698.N1	15-APR-2009 23:12:36	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	37258	No
164	GOM_NL__2PRFIN20090415_232634_000000322078_00130_37258_7699.N1	15-APR-2009 23:26:34	Twi_and_stray	31.500	19	50Alp Cyg	1.2460	10500.	63	37258	No
165	GOM_NL__2PRFIN20090415_232822_000000352078_00130_37258_7700.N1	15-APR-2009 23:28:22	Twi_and_stray	35.000	66	37Gam Cyg	2.2080	5900.0	70	37258	No
166	GOM_NL__2PRFIN20090415_233056_000000342078_00130_37258_7701.N1	15-APR-2009 23:30:56	Twi_and_stray	33.500	92	53Eps Cyg	2.5000	4500.0	67	37258	No
167	GOM_NL__2PRFIN20090415_233822_000000302078_00130_37258_7702.N1	15-APR-2009 23:38:22	Dark	29.500	61	8Eps Peg	2.1000	3900.0	59	37258	No
168	GOM_NL__2PRFIN20090415_234329_000000322078_00130_37258_7703.N1	15-APR-2009 23:43:29	Dark	31.500	154	22Bet Aqr	2.8990	5700.0	63	37258	No
169	GOM_NL__2PRFIN20090415_235959_000000282078_00131_37259_7707.N1	15-APR-2009 23:59:59	Dark	28.000	103	38Zet Sgr	2.6000	9700.0	56	37259	No

3. Quality information per product

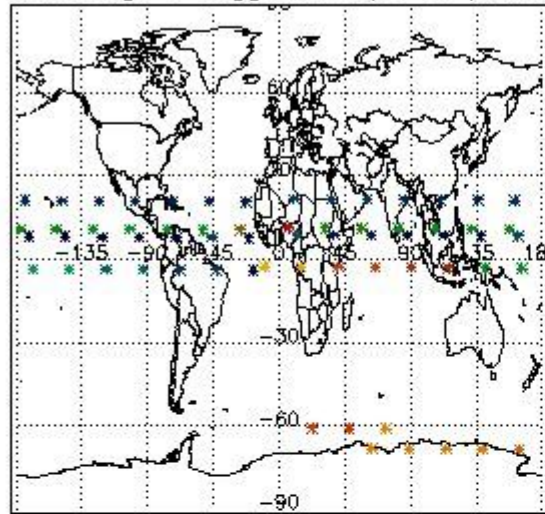
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

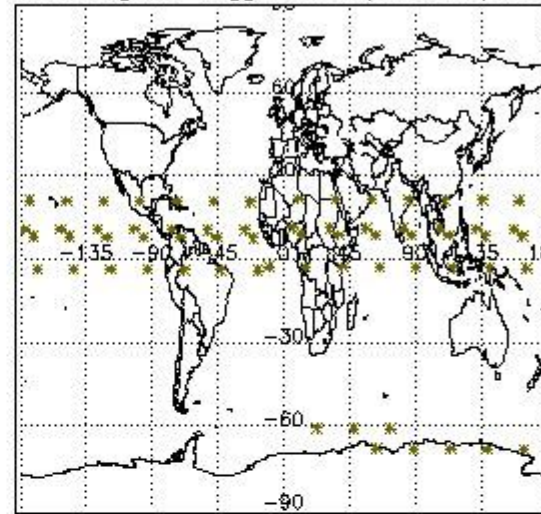


3.2 Plot quality information per product (world map)

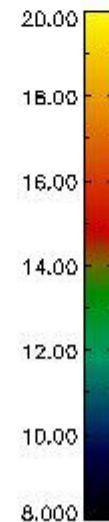
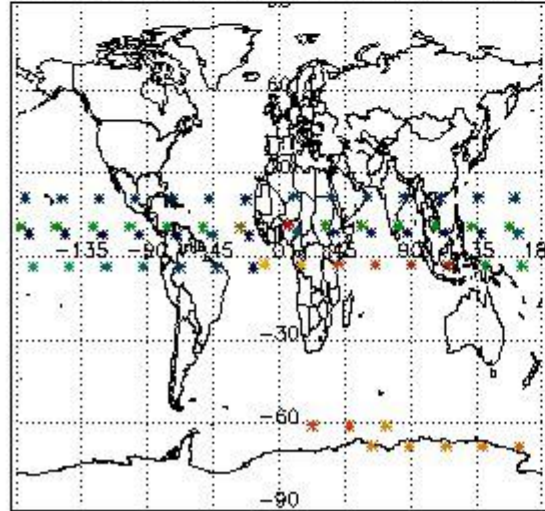
Percentage of flagged data per O3 profile



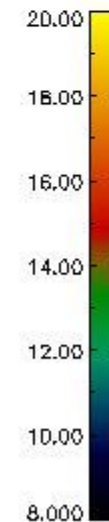
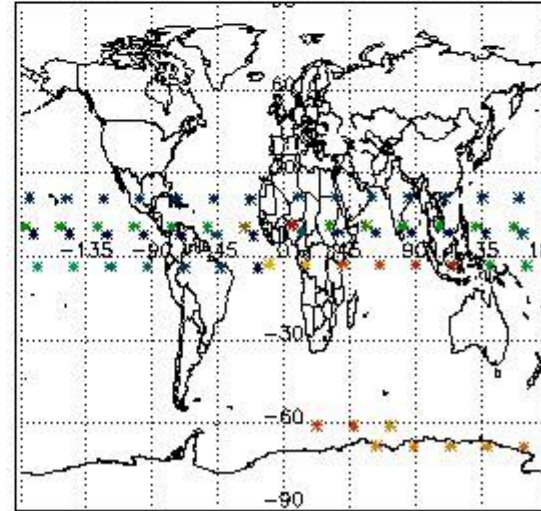
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

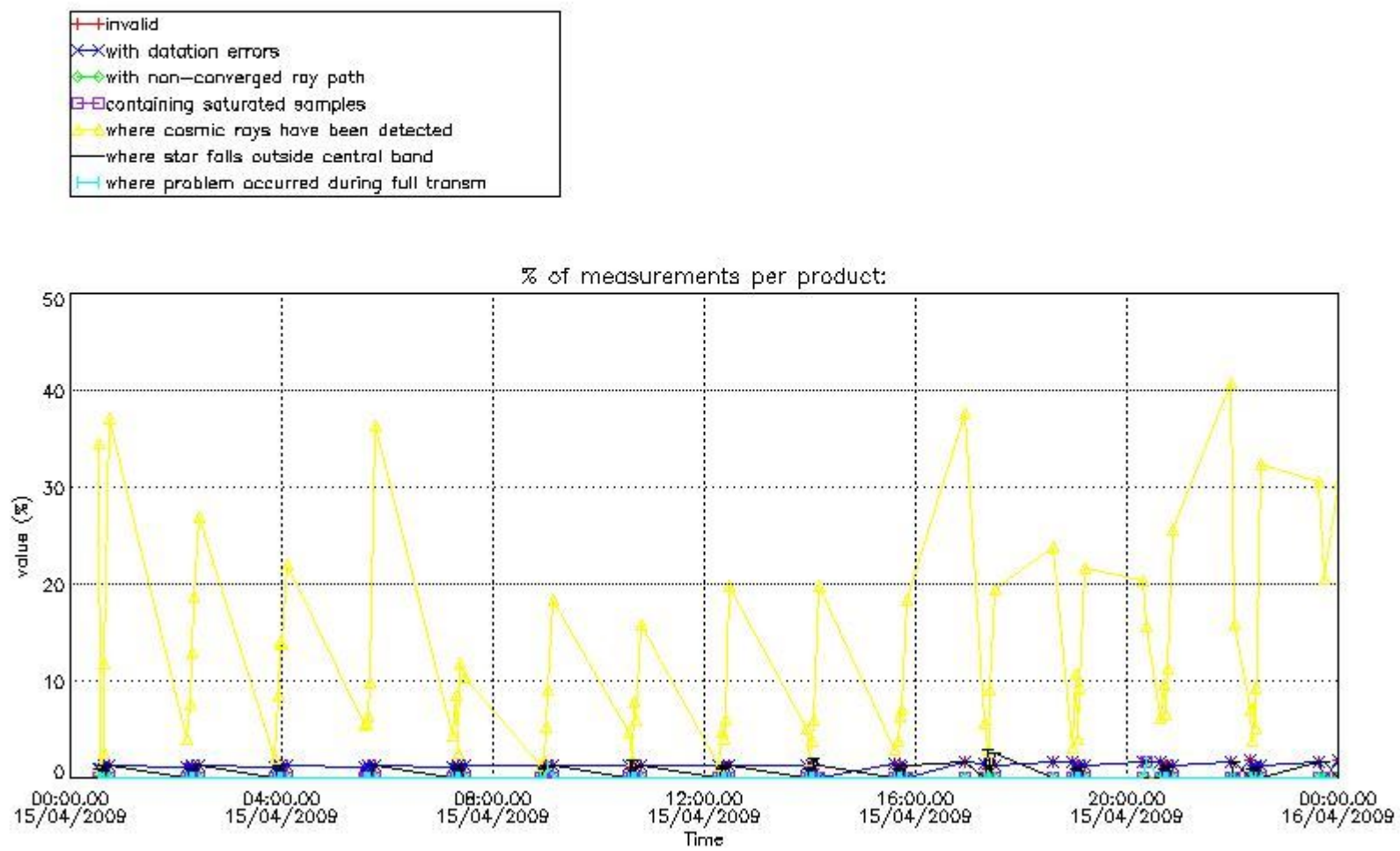


4. Level 1 quality information per product

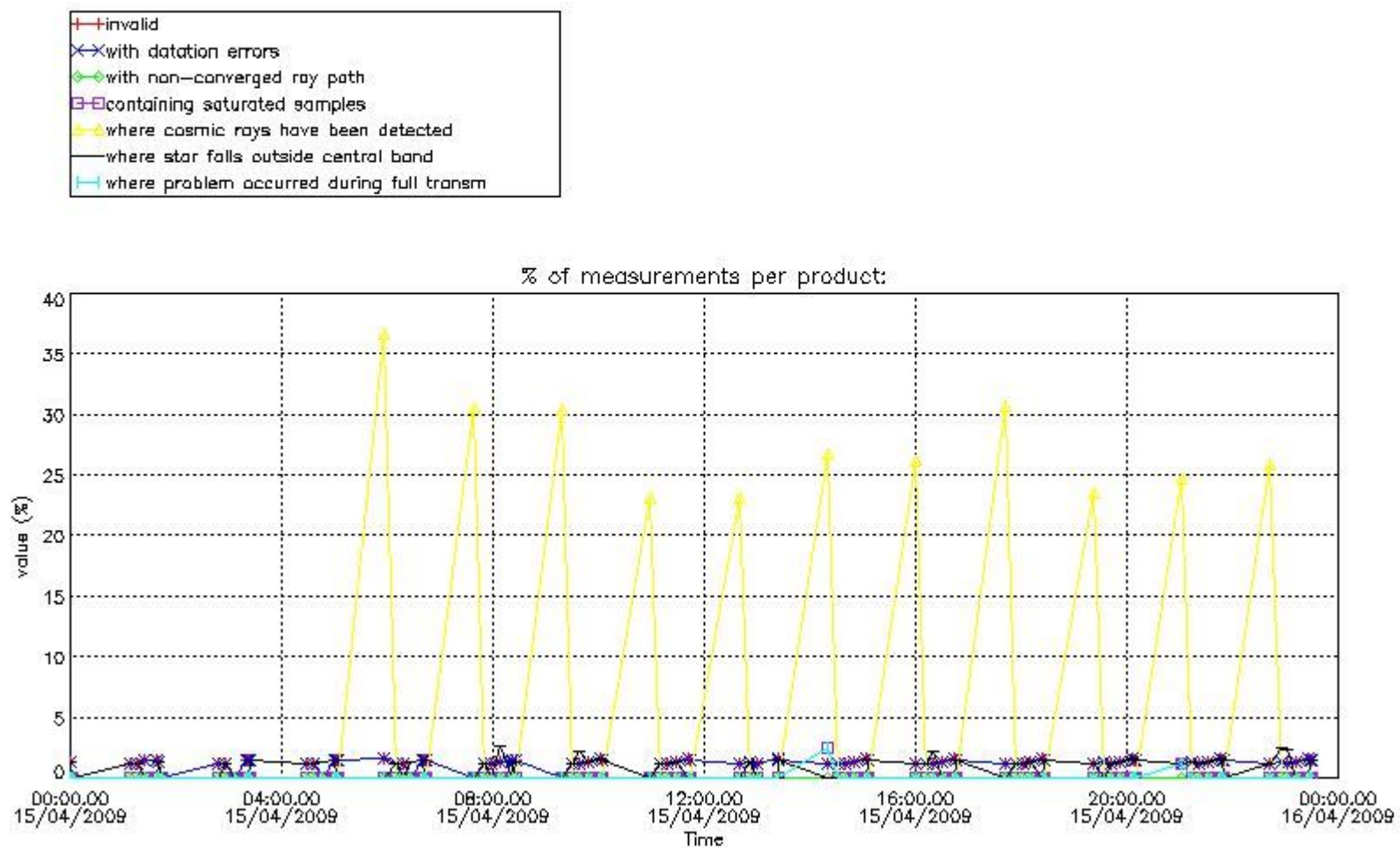
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



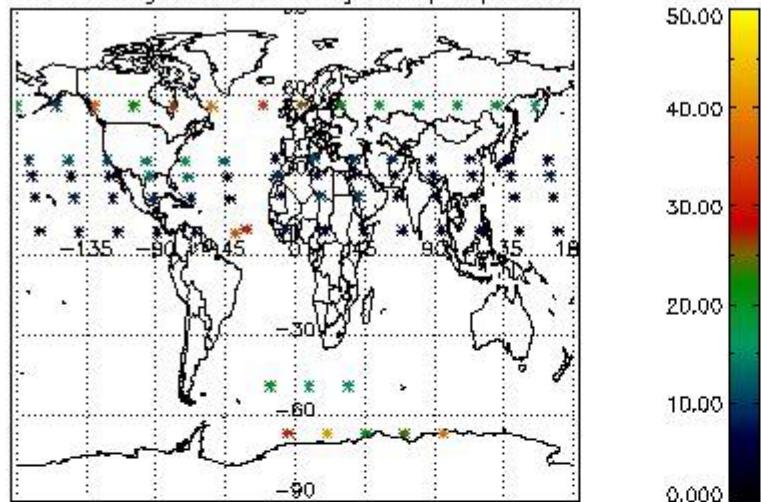
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



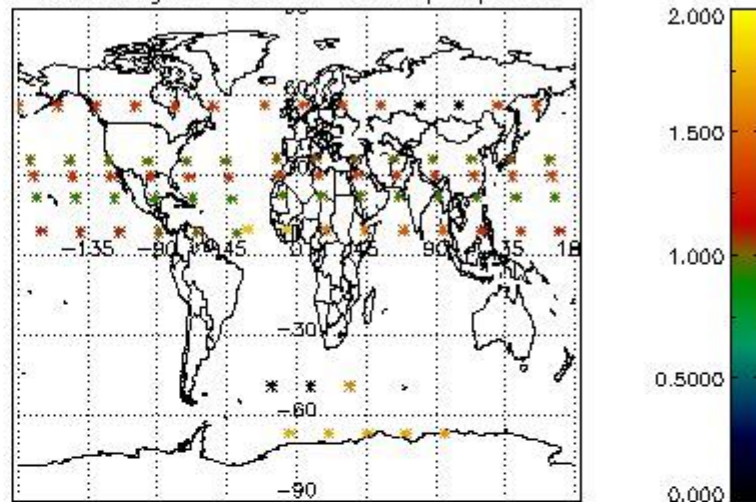
4.2 Plot quality information per product coming from level 1b processing (world map)

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

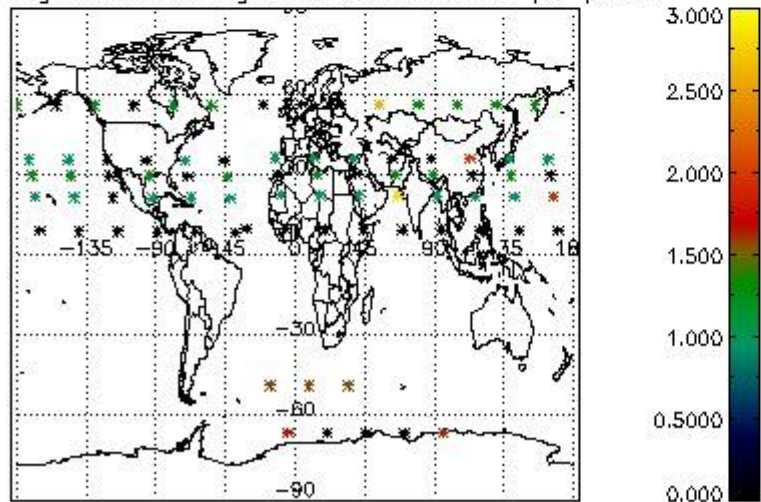
Percentage of cosmic ray hits per profile



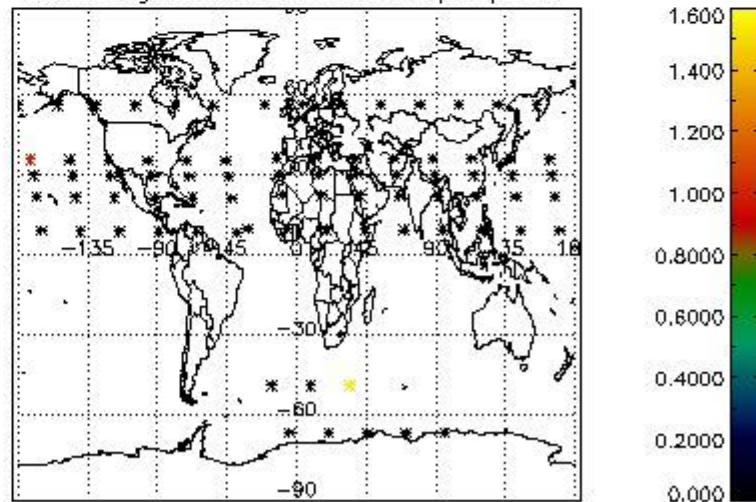
Percentage of datation errors per profile



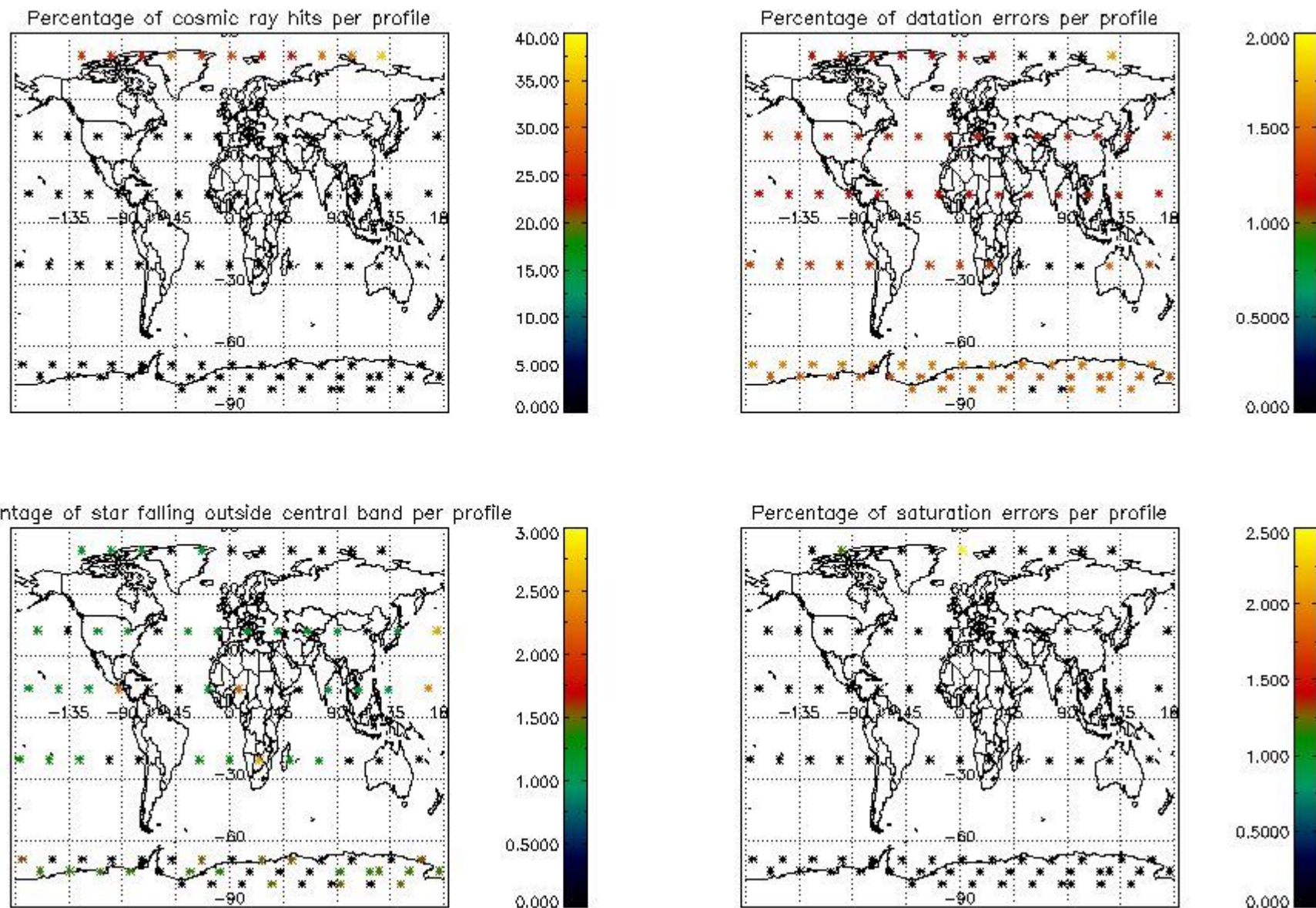
Percentage of star falling outside central band per profile



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

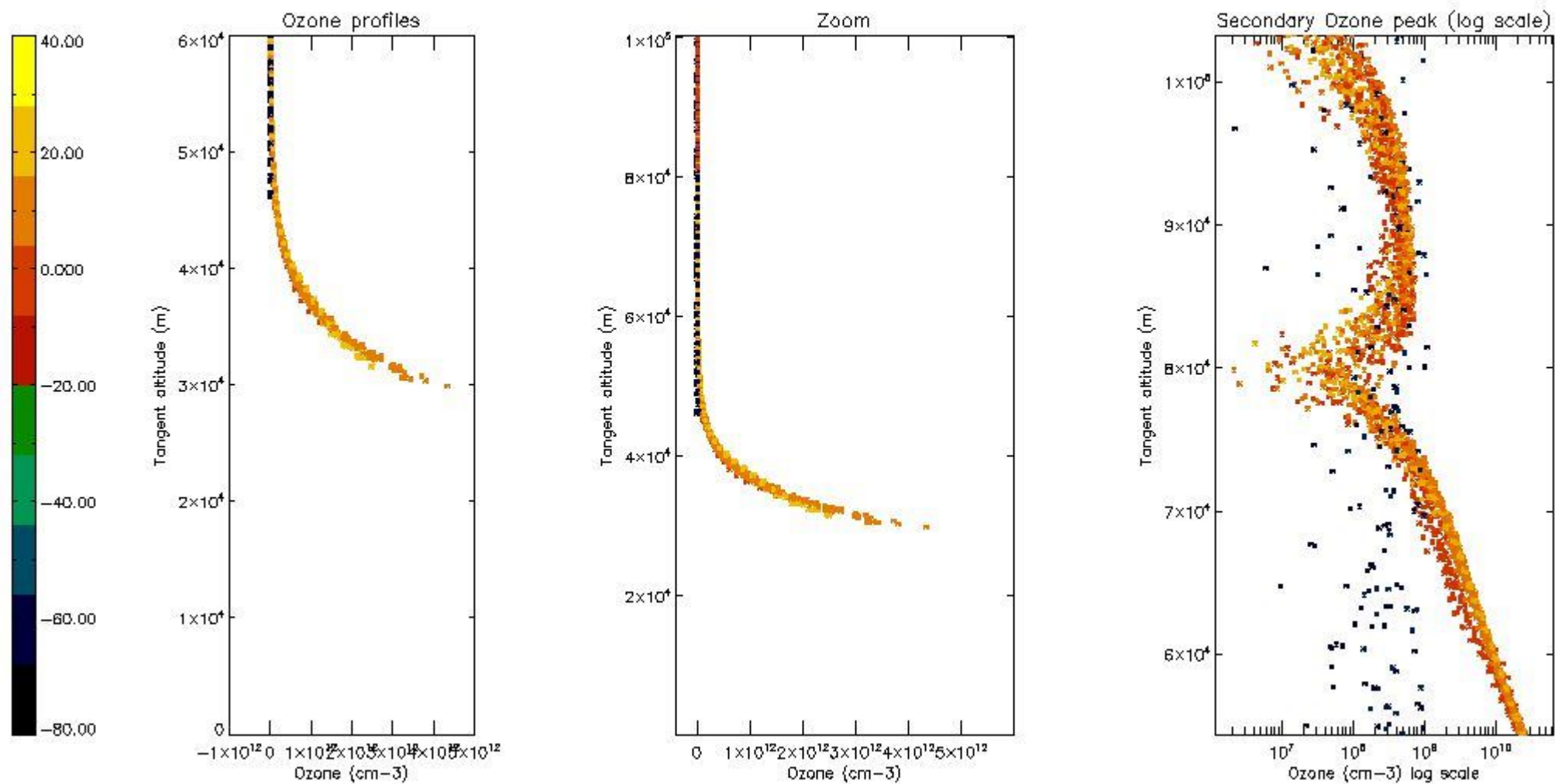
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	42
STD < 20	22

STD < 10	18
STD < 5	15

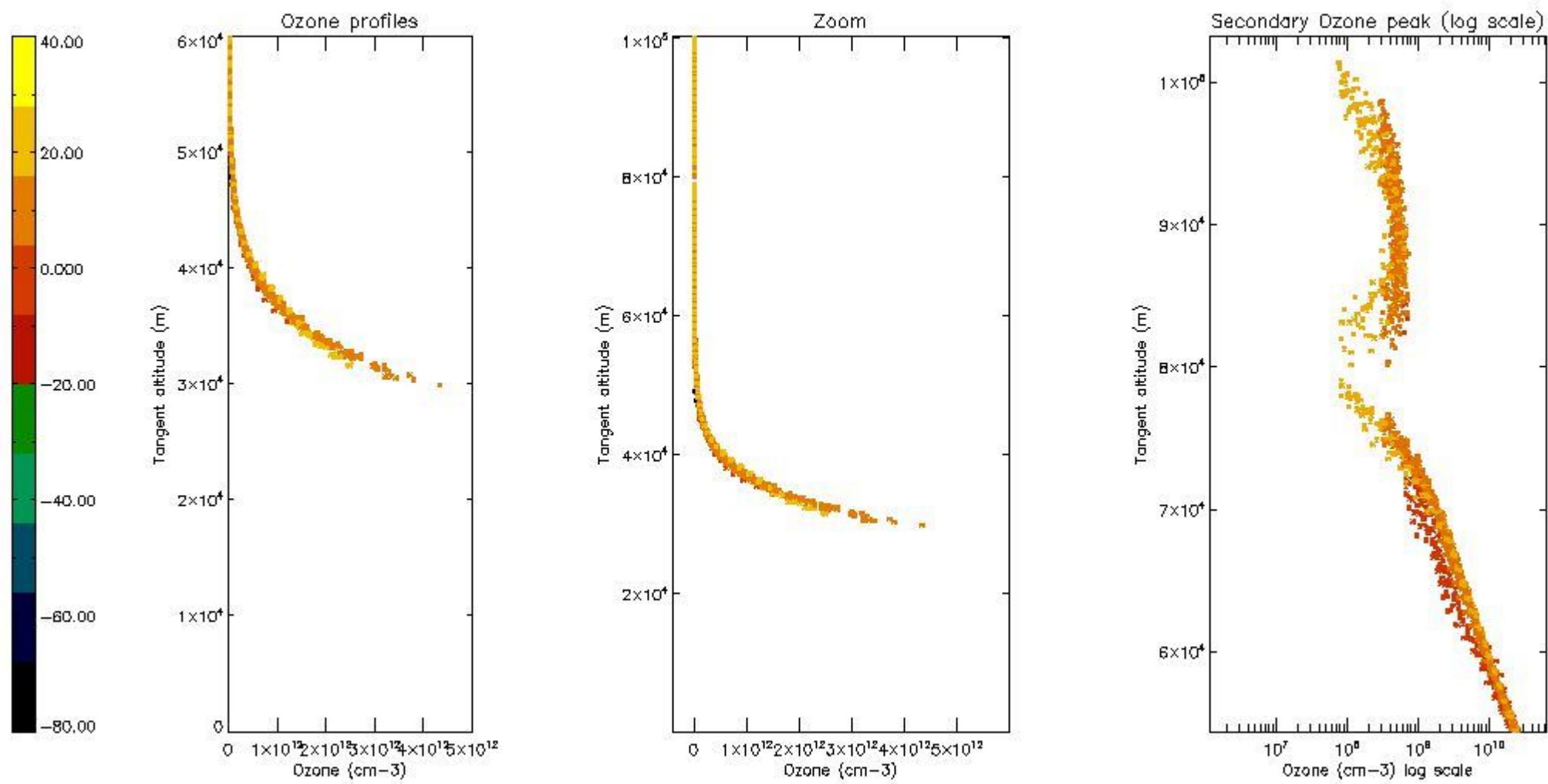
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



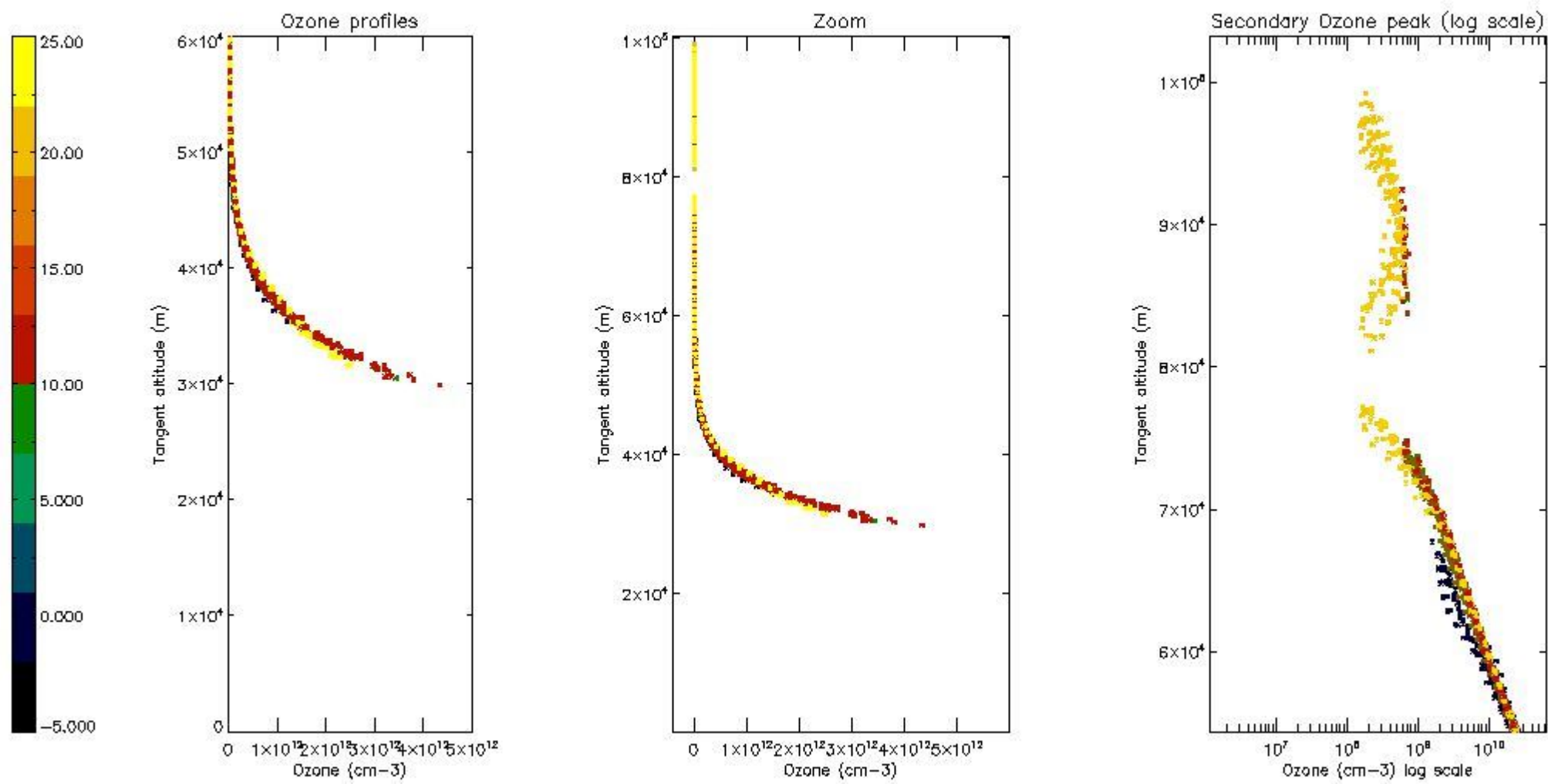
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



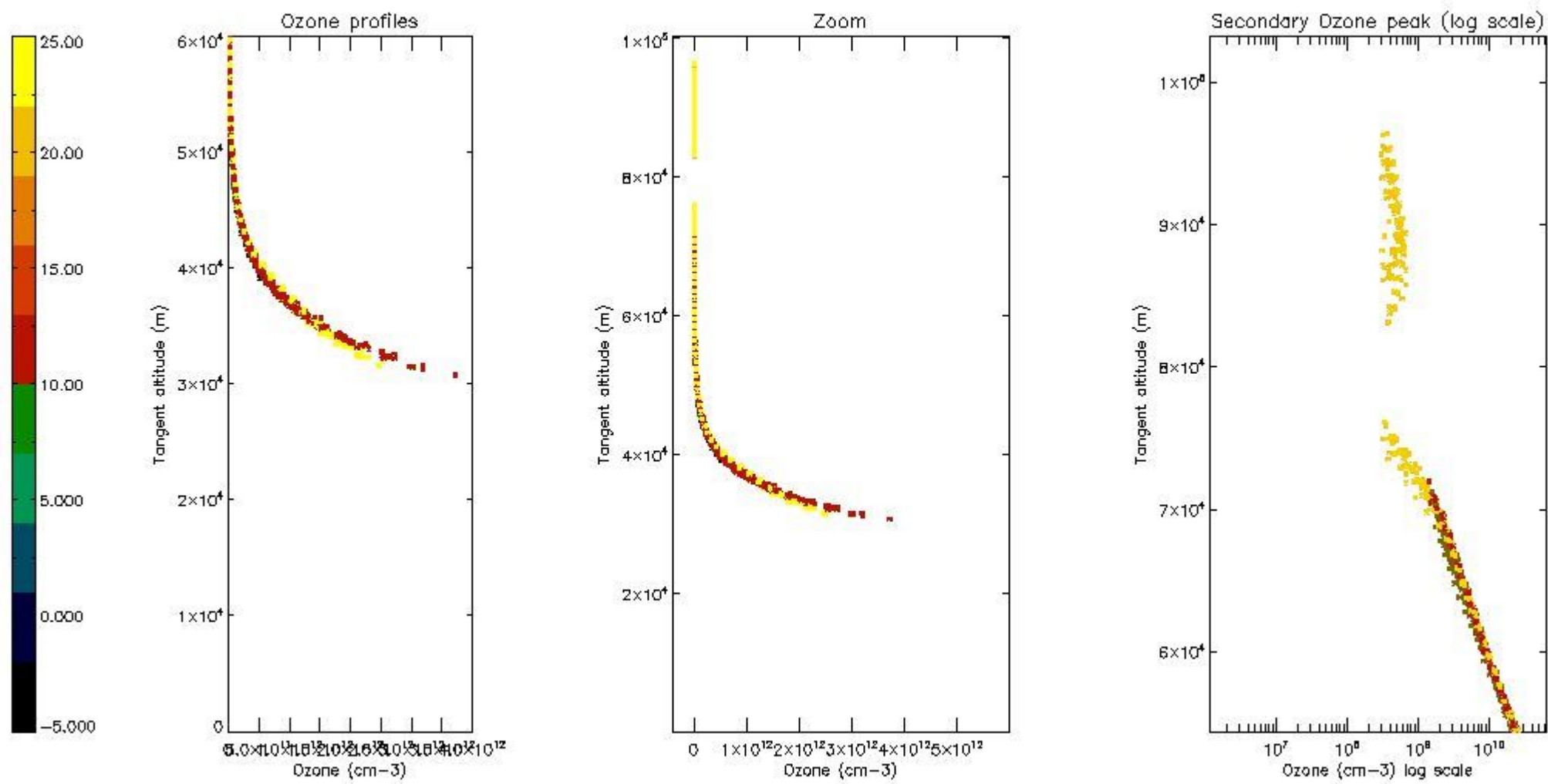
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



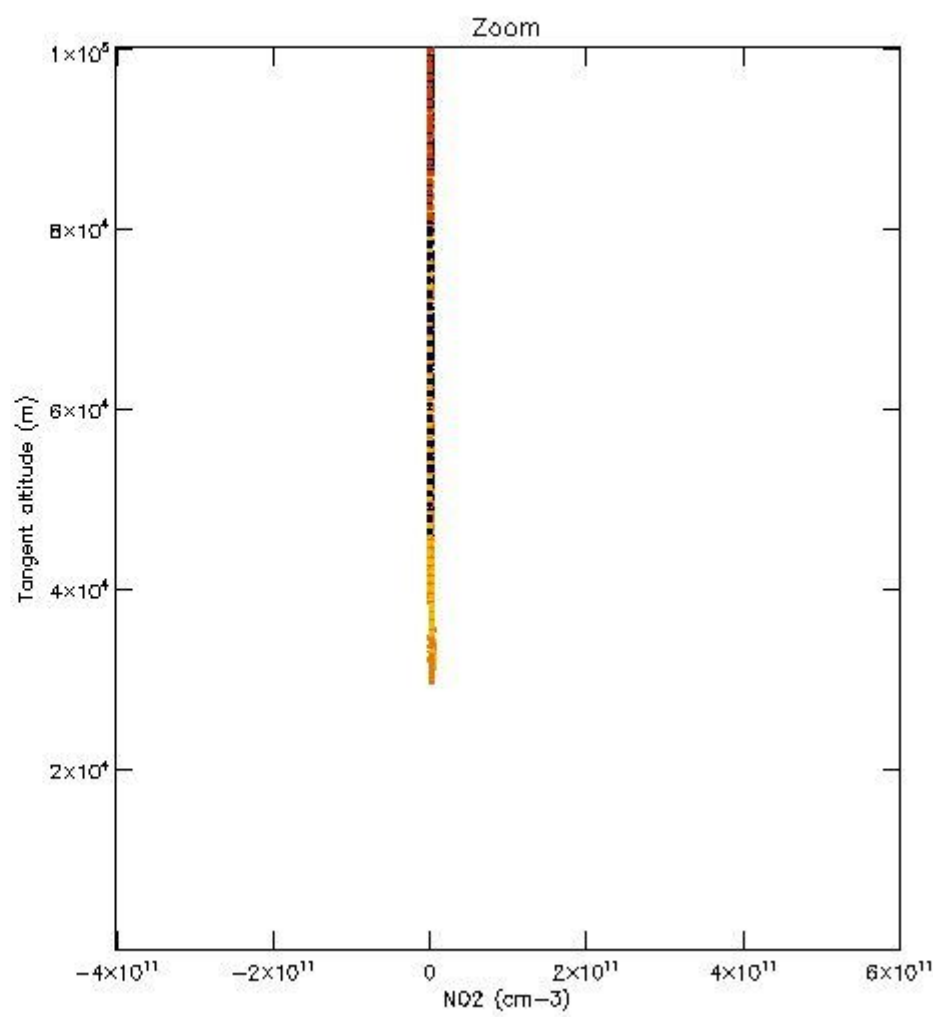
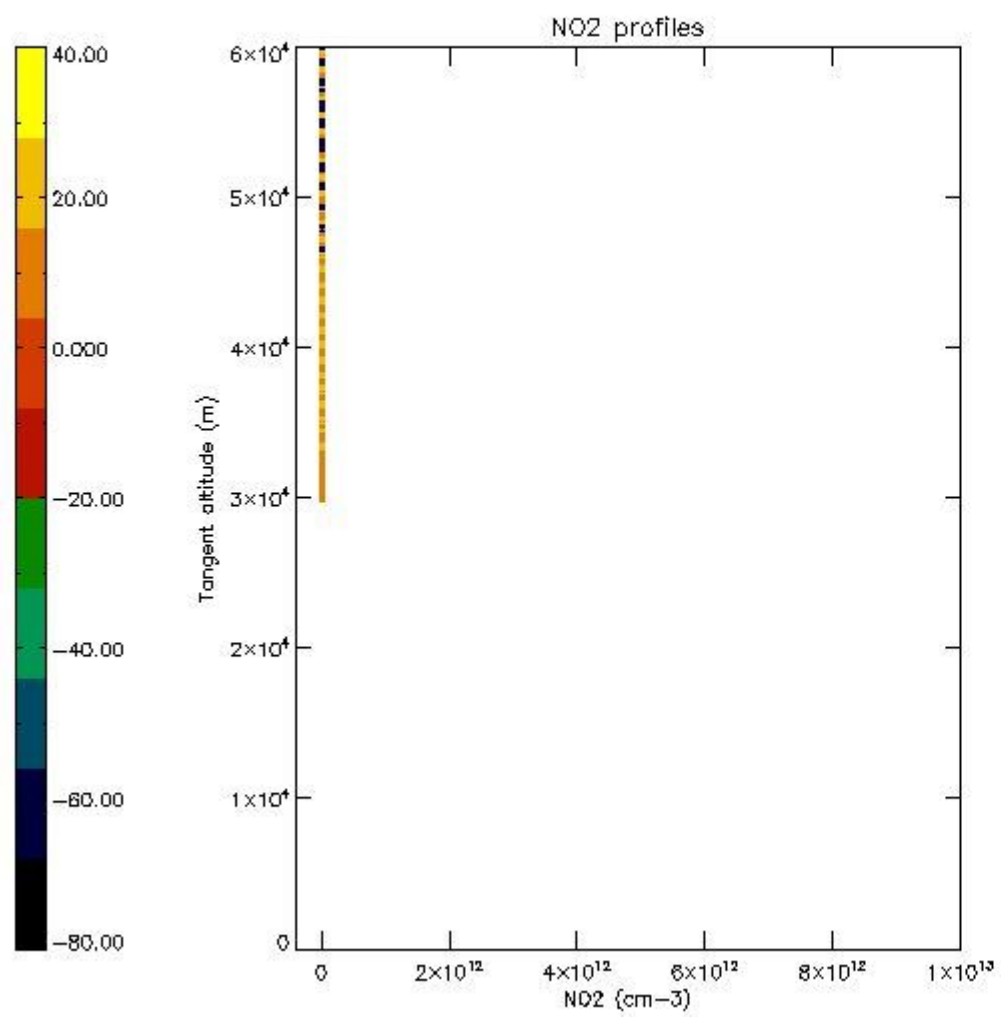
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



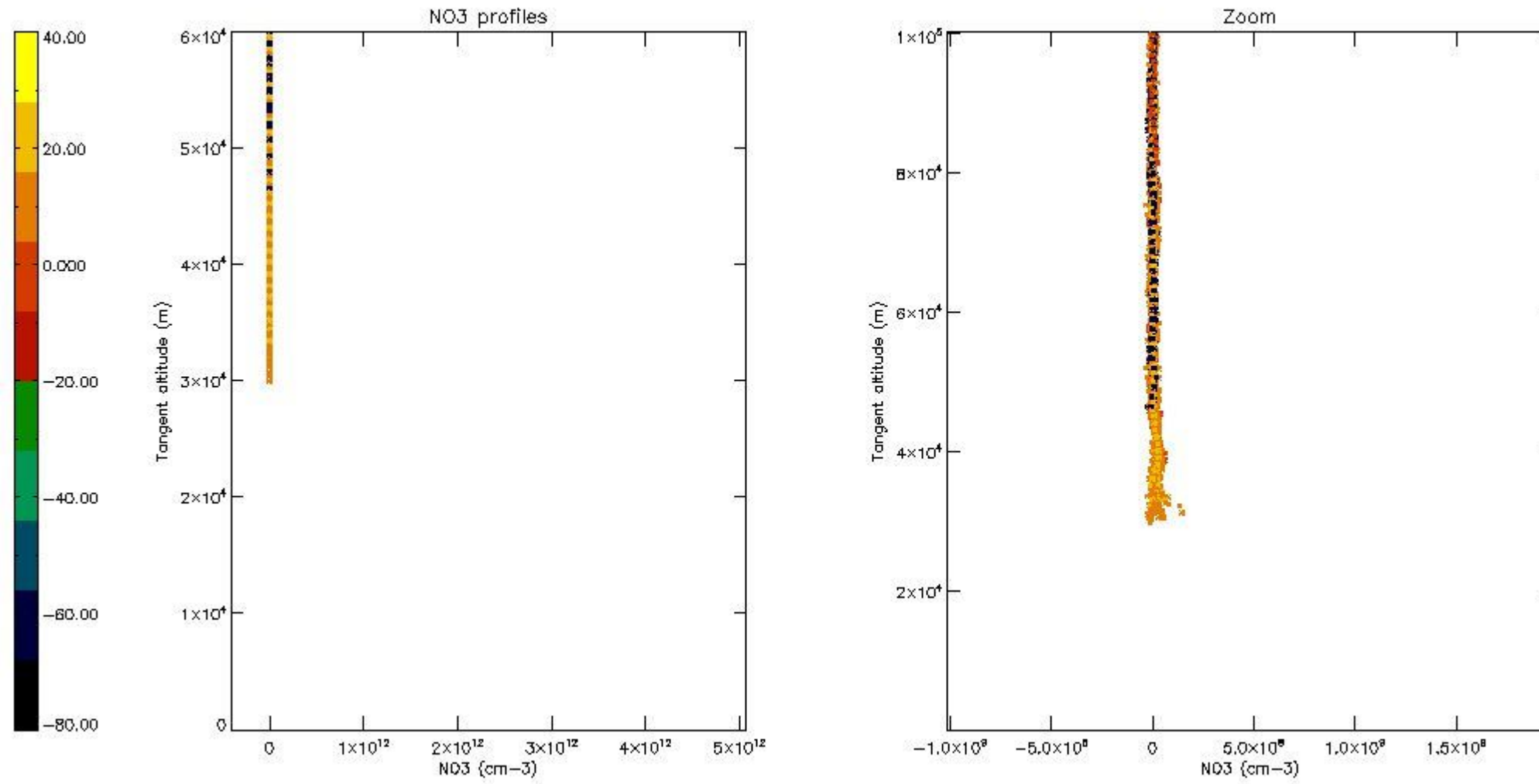
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	15-APR-2009 00:00:00
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	15-APR-2009 00:00:00
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	15-APR-2009 00:00:00

GOMOS Level 2 Daily Report

SUMMARY

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

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[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 08:49:47
Data source version	GOMOS/6.01
Start time of products	15-04-2009 (15APR2009 00:00:00)
Stop time of products	16-04-2009 (16APR2009 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__2PRFIN20090415_000000_000000372078_00116_37244_7441.N1	15-APR-2009 00:00:00	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	37244	No
2	GOM_NL__2PRFIN20090415_000231_000000342078_00116_37244_7442.N1	15-APR-2009 00:02:31	Twilight	34.000	92	53Eps Cyg	2.5000	4500.0	68	37244	No
3	GOM_NL__2PRFIN20090415_003113_000000522078_00117_37245_7454.N1	15-APR-2009 00:31:13	Dark	52.000	103	38Zet Sgr	2.6000	9700.0	104	37245	No
4	GOM_NL__2PRFIN20090415_003448_000000532078_00117_37245_7455.N1	15-APR-2009 00:34:48	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37245	No
5	GOM_NL__2PRFIN20090415_003706_000000402078_00117_37245_7456.N1	15-APR-2009 00:37:06	Dark	39.500	147	Alp Ara	2.8770	26000.	79	37245	No
6	GOM_NL__2PRFIN20090415_003845_000000512078_00117_37245_7457.N1	15-APR-2009 00:38:45	Dark	51.000	25	35Lam Sco	1.6200	28000.	102	37245	No
7	GOM_NL__2PRFIN20090415_004436_000000392078_00117_37245_7458.N1	15-APR-2009 00:44:36	Straylight	39.000	131	Gam Lup	2.8000	26000.	78	37245	No
8	GOM_NL__2PRFIN20090415_010723_000000422078_00117_37245_7459.N1	15-APR-2009 01:07:23	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	37245	No
9	GOM_NL__2PRFIN20090415_011522_000000462078_00117_37245_7460.N1	15-APR-2009 01:15:22	Bright	45.500	180	27Gam Boo	3.0400	8000.0	91	37245	No
10	GOM_NL__2PRFIN20090415_012457_000000342078_00117_37245_7461.N1	15-APR-2009 01:24:57	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	37245	No
11	GOM_NL__2PRFIN20090415_013849_000000332078_00117_37245_7462.N1	15-APR-2009 01:38:49	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37245	No
12	GOM_NL__2PRFIN20090415_014036_000000372078_00117_37245_7463.N1	15-APR-2009 01:40:36	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	37245	No
13	GOM_NL__2PRFIN20090415_014307_000000342078_00117_37245_7464.N1	15-APR-2009 01:43:07	Twilight	34.000	92	53Eps Cyg	2.5000	4500.0	68	37245	No
14	GOM_NL__2PRFIN20090415_021151_000000492078_00118_37246_7469.N1	15-APR-2009 02:11:51	Dark	49.000	103	38Zet Sgr	2.6000	9700.0	98	37246	No
15	GOM_NL__2PRFIN20090415_021525_000000532078_00118_37246_7470.N1	15-APR-2009 02:15:25	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37246	No
16	GOM_NL__2PRFIN20090415_021743_000000392078_00118_37246_7471.N1	15-APR-2009 02:17:43	Dark	39.000	147	Alp Ara	2.8770	26000.	78	37246	No
17	GOM_NL__2PRFIN20090415_021923_000000512078_00118_37246_7472.N1	15-APR-2009 02:19:23	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37246	No
18	GOM_NL__2PRFIN20090415_022512_000000392078_00118_37246_7473.N1	15-APR-2009 02:25:12	Straylight	39.000	131	Gam Lup	2.8000	26000.	78	37246	No
19	GOM_NL__2PRFIN20090415_024758_000000422078_00118_37246_7474.N1	15-APR-2009 02:47:58	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	37246	No
20	GOM_NL__2PRFIN20090415_025557_000000462078_00118_37246_7475.N1	15-APR-2009 02:55:57	Bright	45.500	180	27Gam Boo	3.0400	8000.0	91	37246	No
21	GOM_NL__2PRFIN20090415_030533_000000382078_00118_37246_7476.N1	15-APR-2009 03:05:33	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37246	No
22	GOM_NL__2PRFIN20090415_031925_000000332078_00118_37246_7477.N1	15-APR-2009 03:19:25	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37246	No
23	GOM_NL__2PRFIN20090415_032112_000000362078_00118_37246_7478.N1	15-APR-2009 03:21:12	Twilight	36.000	66	37Gam Cyg	2.2080	5900.0	72	37246	No
24	GOM_NL__2PRFIN20090415_032343_000000352078_00118_37246_7479.N1	15-APR-2009 03:23:43	Twilight	34.500	92	53Eps Cyg	2.5000	4500.0	69	37246	No
25	GOM_NL__2PRFIN20090415_035228_000000492078_00119_37247_7479.N1	15-APR-2009 03:52:28	Dark	49.000	103	38Zet Sgr	2.6000	9700.0	98	37247	No
26	GOM_NL__2PRFIN20090415_035603_000000532078_00119_37247_7480.N1	15-APR-2009 03:56:03	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37247	No
27	GOM_NL__2PRFIN20090415_035819_000000402078_00119_37247_7481.N1	15-APR-2009 03:58:19	Dark	39.500	147	Alp Ara	2.8770	26000.	79	37247	No
28	GOM_NL__2PRFIN20090415_040000_000000512078_00119_37247_7482.N1	15-APR-2009 04:00:00	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37247	No
29	GOM_NL__2PRFIN20090415_040549_000000392078_00119_37247_7483.N1	15-APR-2009 04:05:49	Straylight	38.500	131	Gam Lup	2.8000	26000.	77	37247	No
30	GOM_NL__2PRFIN20090415_042834_000000422078_00119_37247_7484.N1	15-APR-2009 04:28:34	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	37247	No
31	GOM_NL__2PRFIN20090415_043632_000000452078_00119_37247_7485.N1	15-APR-2009 04:36:32	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	37247	No
32	GOM_NL__2PRFIN20090415_044608_000000392078_00119_37247_7486.N1	15-APR-2009 04:46:08	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	37247	No
33	GOM_NL__2PRFIN20090415_050001_000000332078_00119_37247_7487.N1	15-APR-2009 05:00:01	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37247	No
34	GOM_NL__2PRFIN20090415_050148_000000362078_00119_37247_7488.N1	15-APR-2009 05:01:48	Twilight	36.000	66	37Gam Cyg	2.2080	5900.0	72	37247	No
35	GOM_NL__2PRFIN20090415_050419_000000352078_00119_37247_7489.N1	15-APR-2009 05:04:19	Twilight	34.500	92	53Eps Cyg	2.5000	4500.0	69	37247	No
36	GOM_NL__2PRFIN20090415_053306_000000462078_00120_37248_7511.N1	15-APR-2009 05:33:06	Dark	46.000	103	38Zet Sgr	2.6000	9700.0	92	37248	No
37	GOM_NL__2PRFIN20090415_053640_000000532078_00120_37248_7512.N1	15-APR-2009 05:36:40	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37248	No
38	GOM_NL__2PRFIN20090415_053856_000000402078_00120_37248_7513.N1	15-APR-2009 05:38:56	Dark	39.500	147	Alp Ara	2.8770	26000.	79	37248	No
39	GOM_NL__2PRFIN20090415_054037_000000512078_00120_37248_7514.N1	15-APR-2009 05:40:37	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37248	No
40	GOM_NL__2PRFIN20090415_054625_000000392078_00120_37248_7515.N1	15-APR-2009 05:46:25	Straylight	38.500	131	Gam Lup	2.8000	26000.	77	37248	No
41	GOM_NL__2PRFIN20090415_055649_000000302078_00120_37248_7516.N1	15-APR-2009 05:56:49	Twilight	30.000	122	9Alp2Lib	2.7470	9700.0	60	37248	No
42	GOM_NL__2PRFIN20090415_060910_000000422078_00120_37248_7517.N1	15-APR-2009 06:09:10	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	37248	No

43	GOM_NL__2PRFIN20090415_061707_000000452078_00120_37248_7518.N1	15-APR-2009 06:17:07	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	37248	No
44	GOM_NL__2PRFIN20090415_062643_000000392078_00120_37248_7519.N1	15-APR-2009 06:26:43	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	37248	No
45	GOM_NL__2PRFIN20090415_064037_000000332078_00120_37248_7520.N1	15-APR-2009 06:40:37	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37248	No
46	GOM_NL__2PRFIN20090415_064224_000000362078_00120_37248_7521.N1	15-APR-2009 06:42:24	TwI_and_stray	36.000	66	37Gam Cyg	2.2080	5900.0	72	37248	No
47	GOM_NL__2PRFIN20090415_064455_000000352078_00120_37248_7522.N1	15-APR-2009 06:44:55	TwI_and_stray	34.500	92	53Eps Cyg	2.5000	4500.0	69	37248	No
48	GOM_NL__2PRFIN20090415_071343_000000462078_00121_37249_7525.N1	15-APR-2009 07:13:43	Dark	46.000	103	38Zet Sgr	2.6000	9700.0	92	37249	No
49	GOM_NL__2PRFIN20090415_071718_000000532078_00121_37249_7526.N1	15-APR-2009 07:17:18	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37249	No
50	GOM_NL__2PRFIN20090415_071933_000000402078_00121_37249_7527.N1	15-APR-2009 07:19:33	Dark	39.500	147	Alp Ara	2.8770	26000.	79	37249	No
51	GOM_NL__2PRFIN20090415_072114_000000512078_00121_37249_7528.N1	15-APR-2009 07:21:14	Dark	51.000	25	35Lam Sco	1.6200	28000.	102	37249	No
52	GOM_NL__2PRFIN20090415_072702_000000392078_00121_37249_7529.N1	15-APR-2009 07:27:02	Straylight	38.500	131	Gam Lup	2.8000	26000.	77	37249	No
53	GOM_NL__2PRFIN20090415_073725_000000302078_00121_37249_7530.N1	15-APR-2009 07:37:25	TwI_and_stray	29.500	122	9Alp2Lib	2.7470	9700.0	59	37249	No
54	GOM_NL__2PRFIN20090415_074945_000000422078_00121_37249_7531.N1	15-APR-2009 07:49:45	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	37249	No
55	GOM_NL__2PRFIN20090415_075742_000000452078_00121_37249_7532.N1	15-APR-2009 07:57:42	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	37249	No
56	GOM_NL__2PRFIN20090415_080718_000000392078_00121_37249_7533.N1	15-APR-2009 08:07:18	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	37249	No
57	GOM_NL__2PRFIN20090415_082112_000000332078_00121_37249_7534.N1	15-APR-2009 08:21:12	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37249	No
58	GOM_NL__2PRFIN20090415_082259_000000372078_00121_37249_7535.N1	15-APR-2009 08:22:59	TwI_and_stray	36.500	66	37Gam Cyg	2.2080	5900.0	73	37249	No
59	GOM_NL__2PRFIN20090415_082531_000000352078_00121_37249_7536.N1	15-APR-2009 08:25:31	TwI_and_stray	34.500	92	53Eps Cyg	2.5000	4500.0	69	37249	No
60	GOM_NL__2PRFIN20090415_085421_000000422078_00122_37250_7538.N1	15-APR-2009 08:54:21	Dark	42.000	103	38Zet Sgr	2.6000	9700.0	84	37250	No
61	GOM_NL__2PRFIN20090415_085755_000000542078_00122_37250_7539.N1	15-APR-2009 08:57:55	Dark	53.500	38	20Eps Sgr	1.8360	11000.	107	37250	No
62	GOM_NL__2PRFIN20090415_090010_000000392078_00122_37250_7540.N1	15-APR-2009 09:00:10	Dark	38.500	147	Alp Ara	2.8770	26000.	77	37250	No
63	GOM_NL__2PRFIN20090415_090152_000000502078_00122_37250_7541.N1	15-APR-2009 09:01:52	Dark	50.000	25	35Lam Sco	1.6200	28000.	100	37250	No
64	GOM_NL__2PRFIN20090415_090739_000000382078_00122_37250_7542.N1	15-APR-2009 09:07:39	Straylight	38.000	131	Gam Lup	2.8000	26000.	76	37250	No
65	GOM_NL__2PRFIN20090415_091801_000000352078_00122_37250_7543.N1	15-APR-2009 09:18:01	TwI_and_stray	34.500	122	9Alp2Lib	2.7470	9700.0	69	37250	No
66	GOM_NL__2PRFIN20090415_093020_000000412078_00122_37250_7544.N1	15-APR-2009 09:30:20	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	37250	No
67	GOM_NL__2PRFIN20090415_093817_000000452078_00122_37250_7545.N1	15-APR-2009 09:38:17	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	37250	No
68	GOM_NL__2PRFIN20090415_094754_000000382078_00122_37250_7546.N1	15-APR-2009 09:47:54	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37250	No
69	GOM_NL__2PRFIN20090415_100148_000000332078_00122_37250_7547.N1	15-APR-2009 10:01:48	TwI_and_stray	32.500	19	50Alp Cyg	1.2460	10500.	65	37250	No
70	GOM_NL__2PRFIN20090415_100335_000000362078_00122_37250_7548.N1	15-APR-2009 10:03:35	TwI_and_stray	35.500	66	37Gam Cyg	2.2080	5900.0	71	37250	No
71	GOM_NL__2PRFIN20090415_103458_000000422078_00123_37251_7548.N1	15-APR-2009 10:34:58	Dark	42.000	103	38Zet Sgr	2.6000	9700.0	84	37251	No
72	GOM_NL__2PRFIN20090415_103833_000000532078_00123_37251_7549.N1	15-APR-2009 10:38:33	Dark	52.500	38	20Eps Sgr	1.8360	11000.	105	37251	No
73	GOM_NL__2PRFIN20090415_104047_000000382078_00123_37251_7550.N1	15-APR-2009 10:40:47	Dark	38.000	147	Alp Ara	2.8770	26000.	76	37251	No
74	GOM_NL__2PRFIN20090415_104229_000000502078_00123_37251_7551.N1	15-APR-2009 10:42:29	Dark	50.000	25	35Lam Sco	1.6200	28000.	100	37251	No
75	GOM_NL__2PRFIN20090415_104815_000000382078_00123_37251_7552.N1	15-APR-2009 10:48:15	Straylight	38.000	131	Gam Lup	2.8000	26000.	76	37251	No
76	GOM_NL__2PRFIN20090415_105837_000000352078_00123_37251_7553.N1	15-APR-2009 10:58:37	TwI_and_stray	34.500	122	9Alp2Lib	2.7470	9700.0	69	37251	No
77	GOM_NL__2PRFIN20090415_111056_000000412078_00123_37251_7554.N1	15-APR-2009 11:10:56	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	37251	No
78	GOM_NL__2PRFIN20090415_111852_000000442078_00123_37251_7555.N1	15-APR-2009 11:18:52	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	37251	No
79	GOM_NL__2PRFIN20090415_112829_000000392078_00123_37251_7556.N1	15-APR-2009 11:28:29	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	37251	No
80	GOM_NL__2PRFIN20090415_114224_000000332078_00123_37251_7557.N1	15-APR-2009 11:42:24	TwI_and_stray	32.500	19	50Alp Cyg	1.2460	10500.	65	37251	No
81	GOM_NL__2PRFIN20090415_114411_000000362078_00123_37251_7558.N1	15-APR-2009 11:44:11	TwI_and_stray	35.500	66	37Gam Cyg	2.2080	5900.0	71	37251	No
82	GOM_NL__2PRFIN20090415_121537_000000392078_00124_37252_7575.N1	15-APR-2009 12:15:37	Dark	39.000	103	38Zet Sgr	2.6000	9700.0	78	37252	No
83	GOM_NL__2PRFIN20090415_121910_000000522078_00124_37252_7576.N1	15-APR-2009 12:19:10	Dark	52.000	38	20Eps Sgr	1.8360	11000.	104	37252	No
84	GOM_NL__2PRFIN20090415_122124_000000382078_00124_37252_7577.N1	15-APR-2009 12:21:24	Dark	38.000	147	Alp Ara	2.8770	26000.	76	37252	No
85	GOM_NL__2PRFIN20090415_122306_000000502078_00124_37252_7578.N1	15-APR-2009 12:23:06	Dark	49.500	25	35Lam Sco	1.6200	28000.	99	37252	No
86	GOM_NL__2PRFIN20090415_122852_000000382078_00124_37252_7579.N1	15-APR-2009 12:28:52	Straylight	38.000	131	Gam Lup	2.8000	26000.	76	37252	No
87	GOM_NL__2PRFIN20090415_123913_000000412078_00124_37252_7580.N1	15-APR-2009 12:39:13	Bright	41.000	122	9Alp2Lib	2.7470	9700.0	82	37252	No
88	GOM_NL__2PRFIN20090415_125131_000000402078_00124_37252_7581.N1	15-APR-2009 12:51:31	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	37252	No
89	GOM_NL__2PRFIN20090415_125927_000000442078_00124_37252_7582.N1	15-APR-2009 12:59:27	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	37252	No
90	GOM_NL__2PRFIN20090415_132300_000000322078_00124_37252_7583.N1	15-APR-2009 13:23:00	TwI_and_stray	32.000	19	50Alp Cyg	1.2460	10500.	64	37252	No
91	GOM_NL__2PRFIN20090415_132447_000000362078_00124_37252_7584.N1	15-APR-2009 13:24:47	TwI_and_stray	35.500	66	37Gam Cyg	2.2080	5900.0	71	37252	No
92	GOM_NL__2PRFIN20090415_135614_000000392078_00125_37253_7589.N1	15-APR-2009 13:56:14	Dark	39.000	103	38Zet Sgr	2.6000	9700.0	78	37253	No
93	GOM_NL__2PRFIN20090415_135948_000000532078_00125_37253_7590.N1	15-APR-2009 13:59:48	Dark	52.500	38	20Eps Sgr	1.8360	11000.	105	37253	No
94	GOM_NL__2PRFIN20090415_140200_000000392078_00125_37253_7591.N1	15-APR-2009 14:02:00	Dark	38.500	147	Alp Ara	2.8770	26000.	77	37253	No
95	GOM_NL__2PRFIN20090415_140343_000000512078_00125_37253_7592.N1	15-APR-2009 14:03:43	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37253	No
96	GOM_NL__2PRFIN20090415_140928_000000382078_00125_37253_7593.N1	15-APR-2009 14:09:28	Straylight	38.000	131	Gam Lup	2.8000	26000.	76	37253	No
97	GOM_NL__2PRFIN20090415_141949_000000412078_00125_37253_7594.N1	15-APR-2009 14:19:49	Bright	41.000	122	9Alp2Lib	2.7470	9700.0	82	37253	No
98	GOM_NL__2PRFIN20090415_143206_000000412078_00125_37253_7595.N1	15-APR-2009 14:32:06	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	37253	No
99	GOM_NL__2PRFIN20090415_144002_000000452078_00125_37253_7596.N1	15-APR-2009 14:40:02	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	37253	No
100	GOM_NL__2PRFIN20090415_144939_000000392078_00125_37253_7597.N1	15-APR-2009 14:49:39	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	37253	No
101	GOM_NL__2PRFIN20090415_150336_000000332078_00125_37253_7598.N1	15-APR-2009 15:03:36	TwI_and_stray	32.500	19	50Alp Cyg	1.2460	10500.	65	37253	No

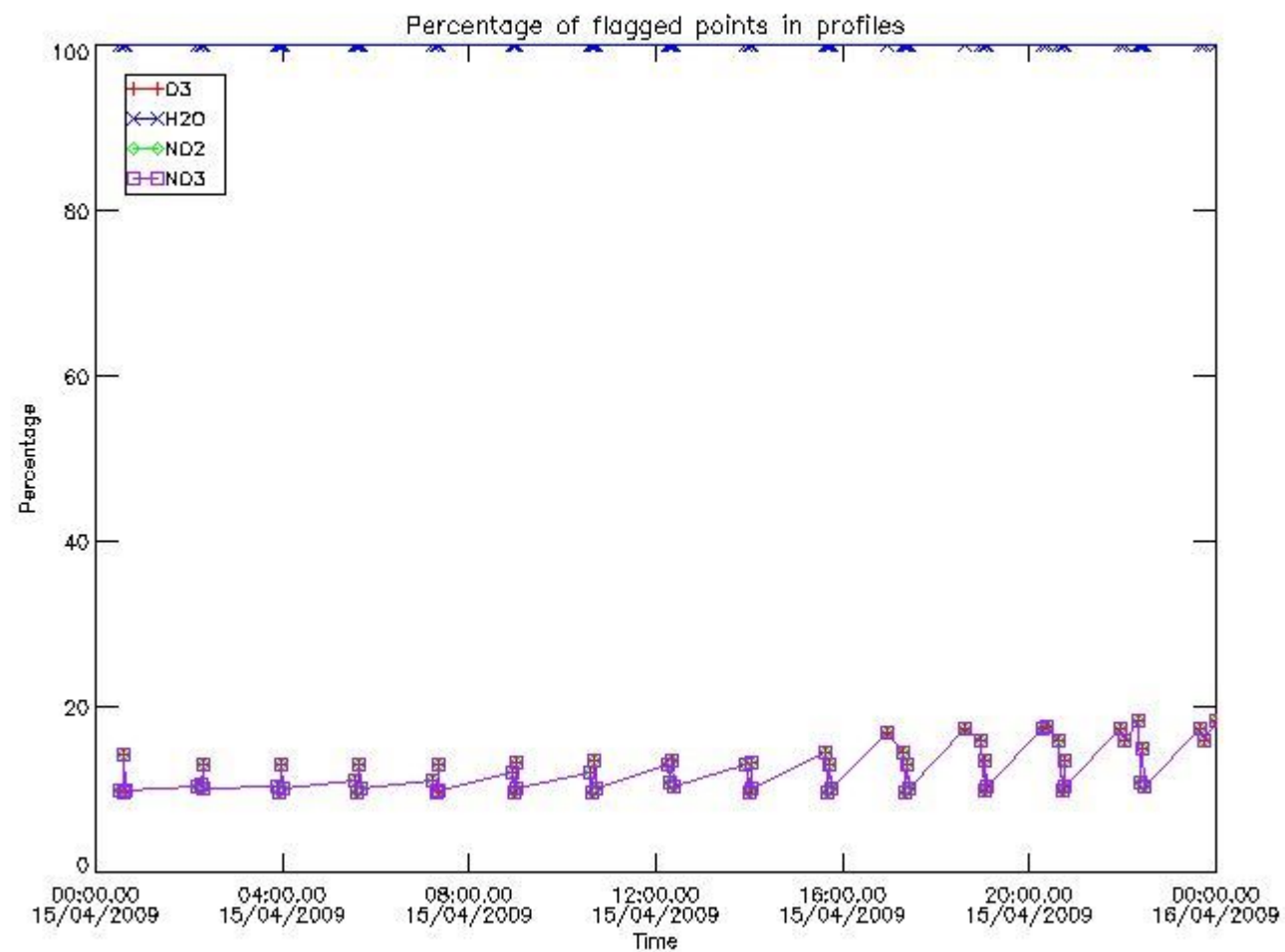
102	GOM_NL_2PRFIN20090415_150523_000000362078_00125_37253_7599.N1	15-APR-2009 15:05:23	Twilight	36.000	66	37Gam Cyg	2.2080	5900.0	72	37253	No
103	GOM_NL_2PRFIN20090415_153651_000000352078_00126_37254_7623.N1	15-APR-2009 15:36:51	Dark	35.000	103	38Zet Sgr	2.6000	9700.0	70	37254	No
104	GOM_NL_2PRFIN20090415_154025_000000532078_00126_37254_7624.N1	15-APR-2009 15:40:25	Dark	52.500	38	20Eps Sgr	1.8360	11000.	105	37254	No
105	GOM_NL_2PRFIN20090415_154237_000000392078_00126_37254_7625.N1	15-APR-2009 15:42:37	Dark	39.000	147	Alp Ara	2.8770	26000.	78	37254	No
106	GOM_NL_2PRFIN20090415_154420_000000502078_00126_37254_7626.N1	15-APR-2009 15:44:20	Dark	50.000	25	35Lam Sco	1.6200	28000.	100	37254	No
107	GOM_NL_2PRFIN20090415_155005_000000382078_00126_37254_7627.N1	15-APR-2009 15:50:05	Straylight	38.000	131	Gam Lup	2.8000	26000.	76	37254	No
108	GOM_NL_2PRFIN20090415_160025_000000442078_00126_37254_7628.N1	15-APR-2009 16:00:25	Bright	44.000	122	9Alp2Lib	2.7470	9700.0	88	37254	No
109	GOM_NL_2PRFIN20090415_161242_000000412078_00126_37254_7629.N1	15-APR-2009 16:12:42	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	37254	No
110	GOM_NL_2PRFIN20090415_162037_000000452078_00126_37254_7630.N1	15-APR-2009 16:20:37	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	37254	No
111	GOM_NL_2PRFIN20090415_163014_000000392078_00126_37254_7631.N1	15-APR-2009 16:30:14	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	37254	No
112	GOM_NL_2PRFIN20090415_164411_000000332078_00126_37254_7632.N1	15-APR-2009 16:44:11	Twilight	32.500	19	50Alp Cyg	1.2460	10500.	65	37254	No
113	GOM_NL_2PRFIN20090415_164558_000000362078_00126_37254_7633.N1	15-APR-2009 16:45:58	Twilight	36.000	66	37Gam Cyg	2.2080	5900.0	72	37254	No
114	GOM_NL_2PRFIN20090415_165556_000000312078_00126_37254_7634.N1	15-APR-2009 16:55:56	Dark	30.500	61	8Eps Peg	2.1000	3900.0	61	37254	No
115	GOM_NL_2PRFIN20090415_171729_000000352078_00127_37255_7641.N1	15-APR-2009 17:17:29	Dark	35.000	103	38Zet Sgr	2.6000	9700.0	70	37255	No
116	GOM_NL_2PRFIN20090415_172102_000000532078_00127_37255_7642.N1	15-APR-2009 17:21:02	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37255	No
117	GOM_NL_2PRFIN20090415_172314_000000392078_00127_37255_7643.N1	15-APR-2009 17:23:14	Dark	39.000	147	Alp Ara	2.8770	26000.	78	37255	No
118	GOM_NL_2PRFIN20090415_172458_000000502078_00127_37255_7644.N1	15-APR-2009 17:24:58	Dark	50.000	25	35Lam Sco	1.6200	28000.	100	37255	No
119	GOM_NL_2PRFIN20090415_173041_000000392078_00127_37255_7645.N1	15-APR-2009 17:30:41	Straylight	38.500	131	Gam Lup	2.8000	26000.	77	37255	No
120	GOM_NL_2PRFIN20090415_174101_000000442078_00127_37255_7646.N1	15-APR-2009 17:41:01	Bright	44.000	122	9Alp2Lib	2.7470	9700.0	88	37255	No
121	GOM_NL_2PRFIN20090415_175317_000000412078_00127_37255_7647.N1	15-APR-2009 17:53:17	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	37255	No
122	GOM_NL_2PRFIN20090415_180112_000000442078_00127_37255_7648.N1	15-APR-2009 18:01:12	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	37255	No
123	GOM_NL_2PRFIN20090415_181050_000000392078_00127_37255_7649.N1	15-APR-2009 18:10:50	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	37255	No
124	GOM_NL_2PRFIN20090415_182447_000000322078_00127_37255_7650.N1	15-APR-2009 18:24:47	Twilight	31.500	19	50Alp Cyg	1.2460	10500.	63	37255	No
125	GOM_NL_2PRFIN20090415_182634_000000352078_00127_37255_7651.N1	15-APR-2009 18:26:34	Twilight	35.000	66	37Gam Cyg	2.2080	5900.0	70	37255	No
126	GOM_NL_2PRFIN20090415_183633_000000302078_00127_37255_7652.N1	15-APR-2009 18:36:33	Dark	29.500	61	8Eps Peg	2.1000	3900.0	59	37255	No
127	GOM_NL_2PRFIN20090415_185807_000000322078_00128_37256_7656.N1	15-APR-2009 18:58:07	Dark	32.000	103	38Zet Sgr	2.6000	9700.0	64	37256	No
128	GOM_NL_2PRFIN20090415_190140_000000512078_00128_37256_7657.N1	15-APR-2009 19:01:40	Dark	51.000	38	20Eps Sgr	1.8360	11000.	102	37256	No
129	GOM_NL_2PRFIN20090415_190351_000000382078_00128_37256_7658.N1	15-APR-2009 19:03:51	Dark	37.500	147	Alp Ara	2.8770	26000.	75	37256	No
130	GOM_NL_2PRFIN20090415_190535_000000492078_00128_37256_7659.N1	15-APR-2009 19:05:35	Dark	49.000	25	35Lam Sco	1.6200	28000.	98	37256	No
131	GOM_NL_2PRFIN20090415_191118_000000372078_00128_37256_7660.N1	15-APR-2009 19:11:18	Straylight	37.000	131	Gam Lup	2.8000	26000.	74	37256	No
132	GOM_NL_2PRFIN20090415_192137_000000432078_00128_37256_7661.N1	15-APR-2009 19:21:37	Bright	42.500	122	9Alp2Lib	2.7470	9700.0	85	37256	No
133	GOM_NL_2PRFIN20090415_193353_000000402078_00128_37256_7662.N1	15-APR-2009 19:33:53	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	37256	No
134	GOM_NL_2PRFIN20090415_194147_000000432078_00128_37256_7663.N1	15-APR-2009 19:41:47	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	37256	No
135	GOM_NL_2PRFIN20090415_195125_000000382078_00128_37256_7664.N1	15-APR-2009 19:51:25	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	37256	No
136	GOM_NL_2PRFIN20090415_200523_000000322078_00128_37256_7665.N1	15-APR-2009 20:05:23	Twilight	32.000	19	50Alp Cyg	1.2460	10500.	64	37256	No
137	GOM_NL_2PRFIN20090415_200710_000000352078_00128_37256_7666.N1	15-APR-2009 20:07:10	Twilight	35.000	66	37Gam Cyg	2.2080	5900.0	70	37256	No
138	GOM_NL_2PRFIN20090415_200944_000000342078_00128_37256_7667.N1	15-APR-2009 20:09:44	Twilight	33.500	92	53Eps Cyg	2.5000	4500.0	67	37256	No
139	GOM_NL_2PRFIN20090415_201709_000000302078_00128_37256_7668.N1	15-APR-2009 20:17:09	Dark	29.500	61	8Eps Peg	2.1000	3900.0	59	37256	No
140	GOM_NL_2PRFIN20090415_202216_000000322078_00128_37256_7669.N1	15-APR-2009 20:22:16	Dark	32.000	154	22Bet Aqr	2.8990	5700.0	64	37256	No
141	GOM_NL_2PRFIN20090415_203844_000000322078_00129_37257_7670.N1	15-APR-2009 20:38:44	Dark	32.000	103	38Zet Sgr	2.6000	9700.0	64	37257	No
142	GOM_NL_2PRFIN20090415_204217_000000522078_00129_37257_7671.N1	15-APR-2009 20:42:17	Dark	51.500	38	20Eps Sgr	1.8360	11000.	103	37257	No
143	GOM_NL_2PRFIN20090415_204428_000000382078_00129_37257_7672.N1	15-APR-2009 20:44:28	Dark	38.000	147	Alp Ara	2.8770	26000.	76	37257	No
144	GOM_NL_2PRFIN20090415_204612_000000492078_00129_37257_7673.N1	15-APR-2009 20:46:12	Dark	49.000	25	35Lam Sco	1.6200	28000.	98	37257	No
145	GOM_NL_2PRFIN20090415_205155_000000372078_00129_37257_7674.N1	15-APR-2009 20:51:55	Straylight	37.000	131	Gam Lup	2.8000	26000.	74	37257	No
146	GOM_NL_2PRFIN20090415_210213_000000432078_00129_37257_7675.N1	15-APR-2009 21:02:13	Bright	42.500	122	9Alp2Lib	2.7470	9700.0	85	37257	No
147	GOM_NL_2PRFIN20090415_211428_000000402078_00129_37257_7676.N1	15-APR-2009 21:14:28	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	37257	No
148	GOM_NL_2PRFIN20090415_212222_000000432078_00129_37257_7677.N1	15-APR-2009 21:22:22	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	37257	No
149	GOM_NL_2PRFIN20090415_213200_000000382078_00129_37257_7678.N1	15-APR-2009 21:32:00	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	37257	No
150	GOM_NL_2PRFIN20090415_214559_000000322078_00129_37257_7679.N1	15-APR-2009 21:45:59	Twilight	32.000	19	50Alp Cyg	1.2460	10500.	64	37257	No
151	GOM_NL_2PRFIN20090415_214746_000000352078_00129_37257_7680.N1	15-APR-2009 21:47:46	Twilight	35.000	66	37Gam Cyg	2.2080	5900.0	70	37257	No
152	GOM_NL_2PRFIN20090415_215019_000000342078_00129_37257_7681.N1	15-APR-2009 21:50:19	Twilight	33.500	92	53Eps Cyg	2.5000	4500.0	67	37257	No
153	GOM_NL_2PRFIN20090415_215746_000000302078_00129_37257_7682.N1	15-APR-2009 21:57:46	Dark	29.500	61	8Eps Peg	2.1000	3900.0	59	37257	No
154	GOM_NL_2PRFIN20090415_220252_000000322078_00129_37257_7683.N1	15-APR-2009 22:02:52	Dark	31.500	154	22Bet Aqr	2.8990	5700.0	63	37257	No
155	GOM_NL_2PRFIN20090415_221921_000000282078_00130_37258_7690.N1	15-APR-2009 22:19:21	Dark	28.000	103	38Zet Sgr	2.6000	9700.0	56	37258	No
156	GOM_NL_2PRFIN20090415_222255_000000522078_00130_37258_7691.N1	15-APR-2009 22:22:55	Dark	51.500	38	20Eps Sgr	1.8360	11000.	103	37258	No
157	GOM_NL_2PRFIN20090415_222504_000000382078_00130_37258_7692.N1	15-APR-2009 22:25:04	Dark	37.500	147	Alp Ara	2.8770	26000.	75	37258	No
158	GOM_NL_2PRFIN20090415_222649_000000492078_00130_37258_7693.N1	15-APR-2009 22:26:49	Dark	49.000	25	35Lam Sco	1.6200	28000.	98	37258	No
159	GOM_NL_2PRFIN20090415_223231_000000372078_00130_37258_7694.N1	15-APR-2009 22:32:31	Straylight	37.000	131	Gam Lup	2.8000	26000.	74	37258	No
160	GOM_NL_2PRFIN20090415_224249_000000432078_00130_37258_7695.N1	15-APR-2009 22:42:49	Bright	42.500	122	9Alp2Lib	2.7470	9700.0	85	37258	No

161	GOM_NL__2PRFIN20090415_225504_000000402078_00130_37258_7696.N1	15-APR-2009 22:55:04	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	37258	No
162	GOM_NL__2PRFIN20090415_230257_000000432078_00130_37258_7697.N1	15-APR-2009 23:02:57	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	37258	No
163	GOM_NL__2PRFIN20090415_231236_000000372078_00130_37258_7698.N1	15-APR-2009 23:12:36	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	37258	No
164	GOM_NL__2PRFIN20090415_232634_000000322078_00130_37258_7699.N1	15-APR-2009 23:26:34	Twi_and_stray	31.500	19	50Alp Cyg	1.2460	10500.	63	37258	No
165	GOM_NL__2PRFIN20090415_232822_000000352078_00130_37258_7700.N1	15-APR-2009 23:28:22	Twi_and_stray	35.000	66	37Gam Cyg	2.2080	5900.0	70	37258	No
166	GOM_NL__2PRFIN20090415_233056_000000342078_00130_37258_7701.N1	15-APR-2009 23:30:56	Twi_and_stray	33.500	92	53Eps Cyg	2.5000	4500.0	67	37258	No
167	GOM_NL__2PRFIN20090415_233822_000000302078_00130_37258_7702.N1	15-APR-2009 23:38:22	Dark	29.500	61	8Eps Peg	2.1000	3900.0	59	37258	No
168	GOM_NL__2PRFIN20090415_234329_000000322078_00130_37258_7703.N1	15-APR-2009 23:43:29	Dark	31.500	154	22Bet Aqr	2.8990	5700.0	63	37258	No
169	GOM_NL__2PRFIN20090415_235959_000000282078_00131_37259_7707.N1	15-APR-2009 23:59:59	Dark	28.000	103	38Zet Sgr	2.6000	9700.0	56	37259	No

3. Quality information per product

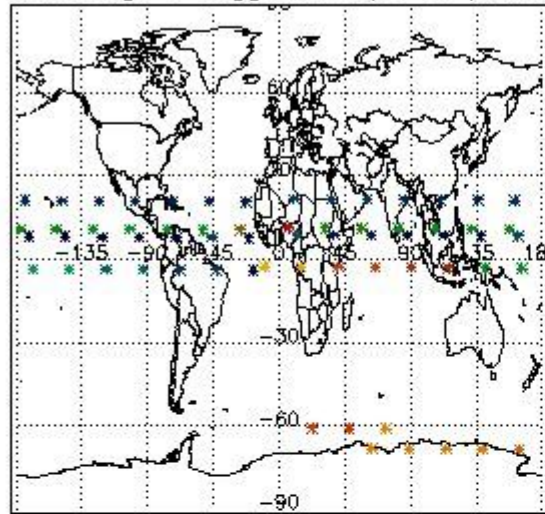
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

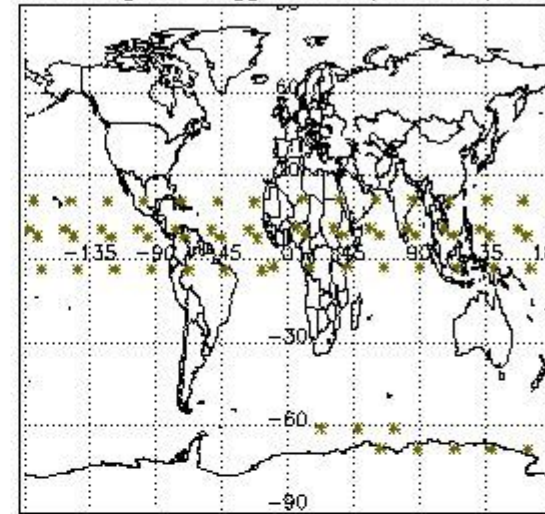


3.2 Plot quality information per product (world map)

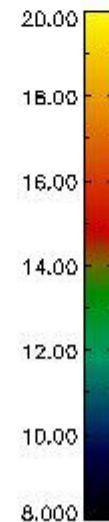
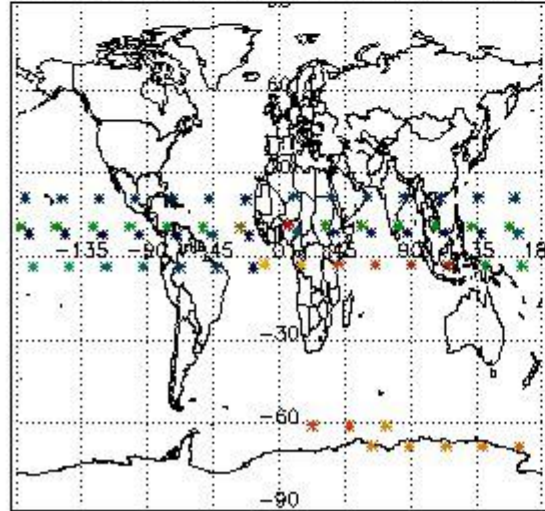
Percentage of flagged data per O3 profile



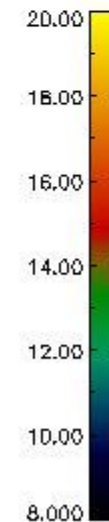
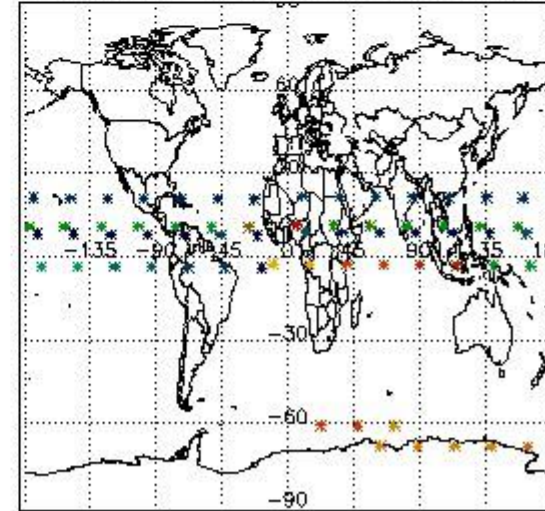
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

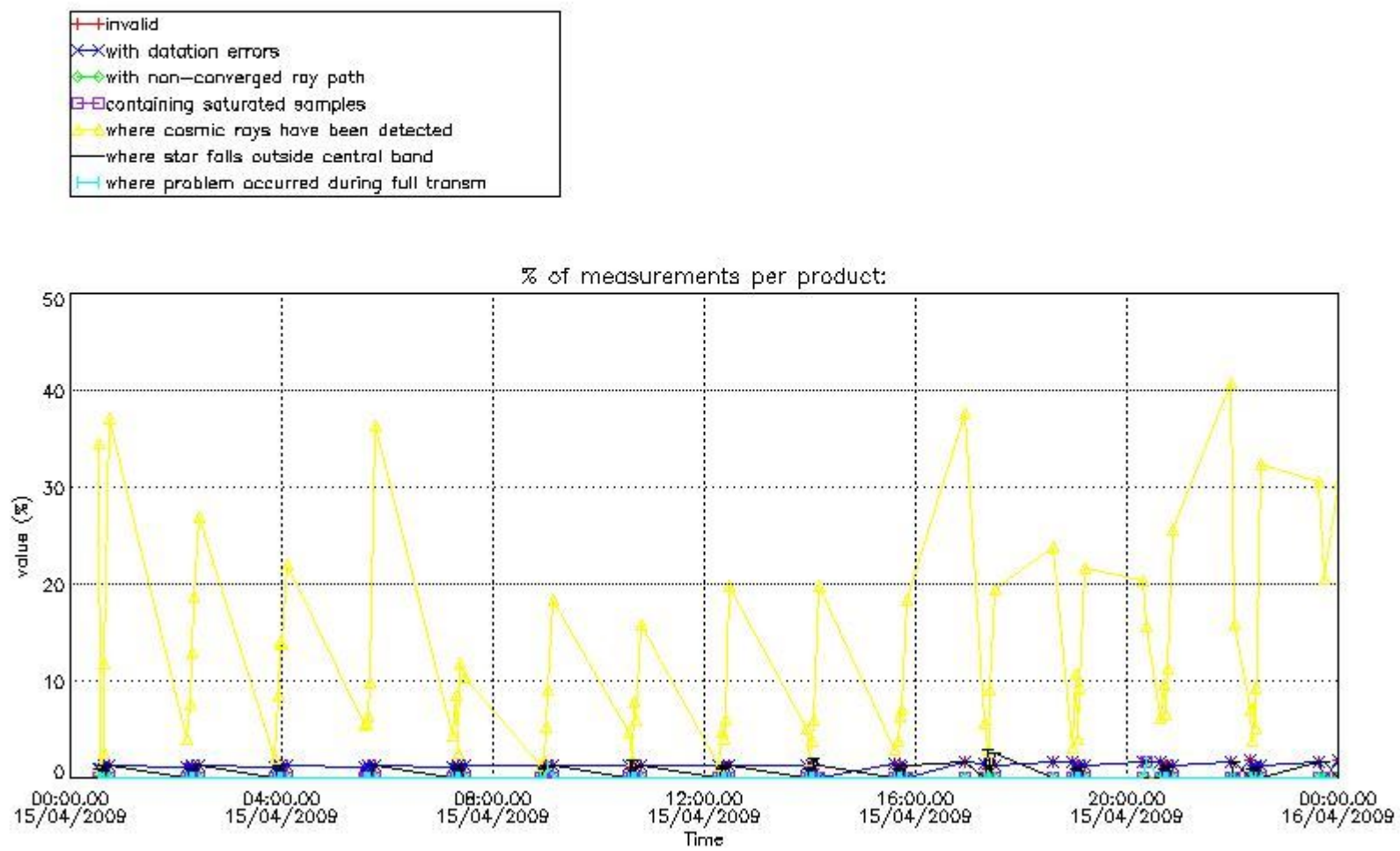


4. Level 1 quality information per product

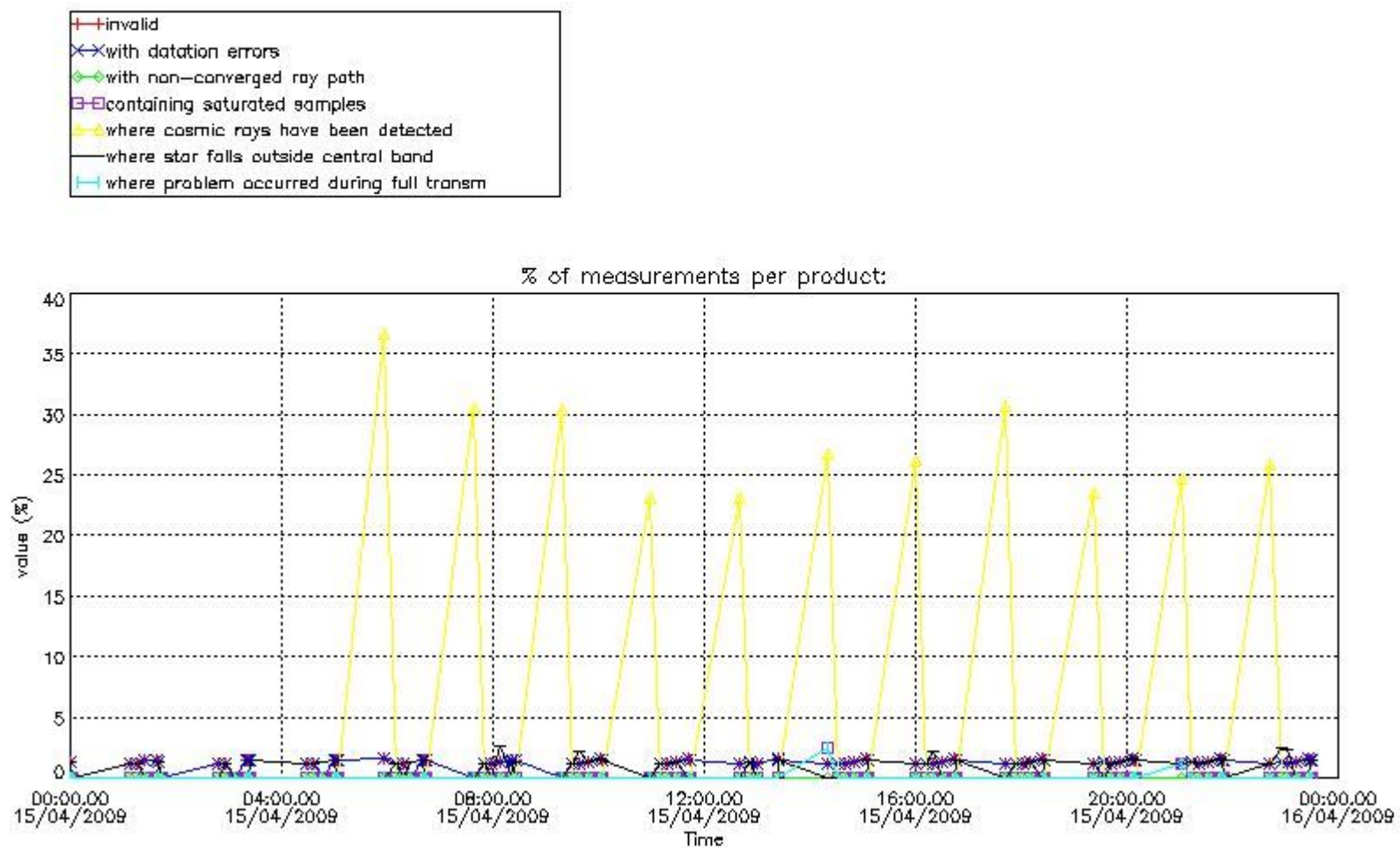
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



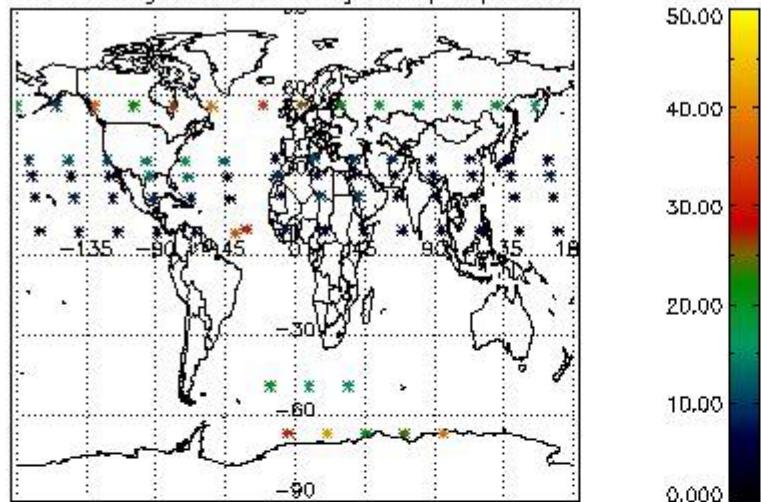
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



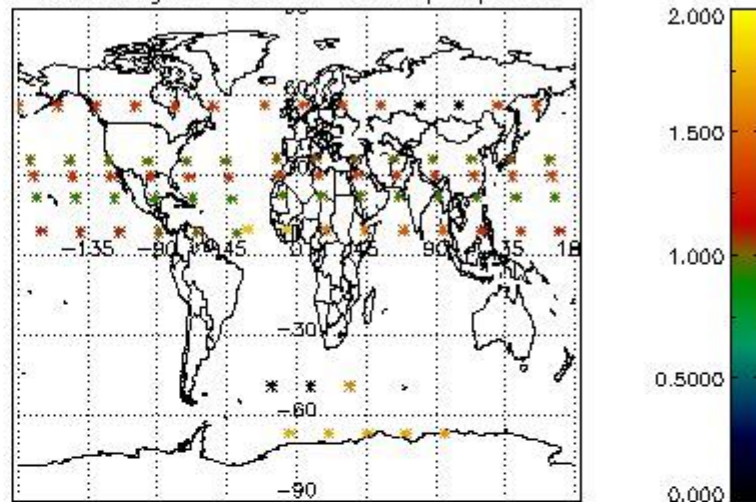
4.2 Plot quality information per product coming from level 1b processing (world map)

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

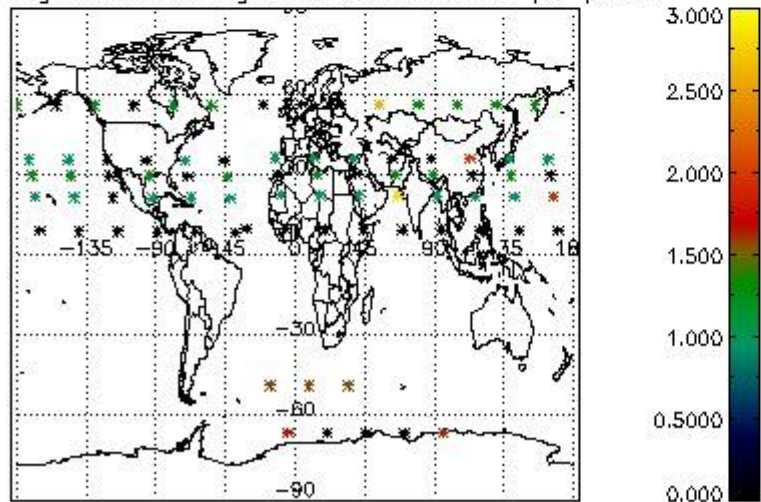
Percentage of cosmic ray hits per profile



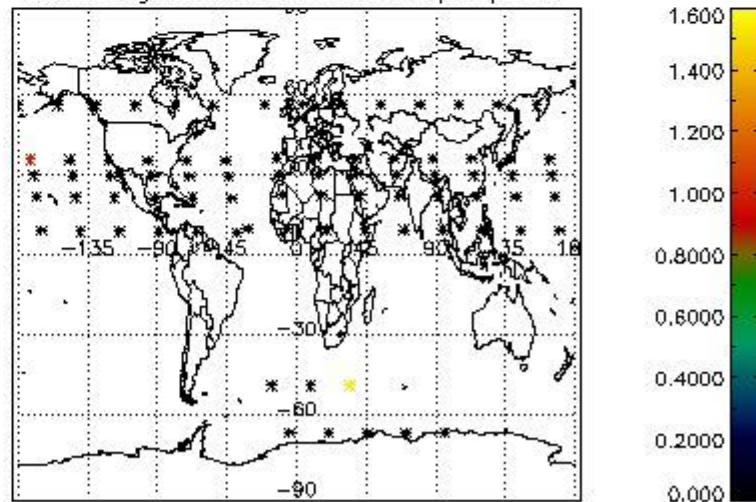
Percentage of datation errors per profile



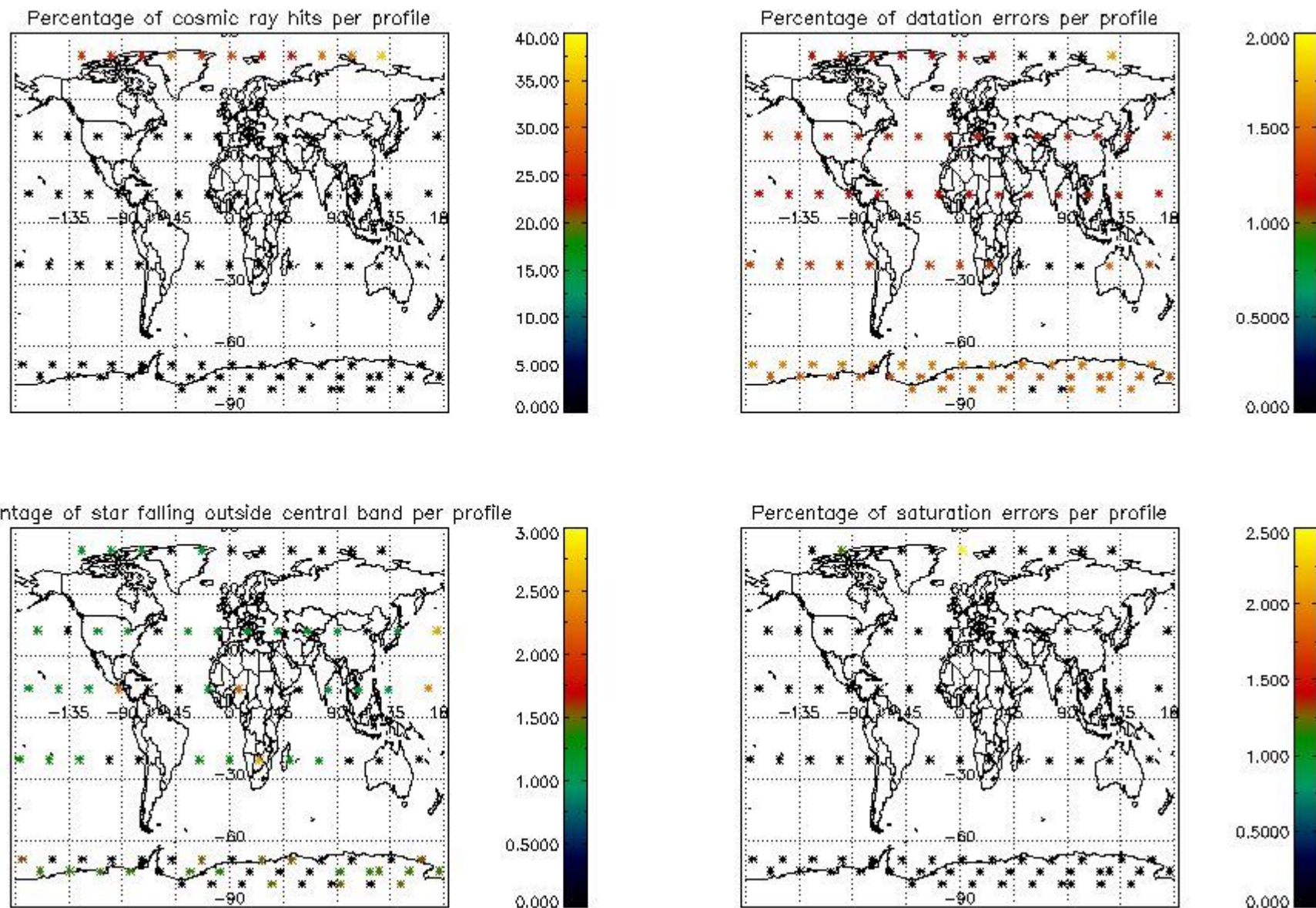
Percentage of star falling outside central band per profile



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

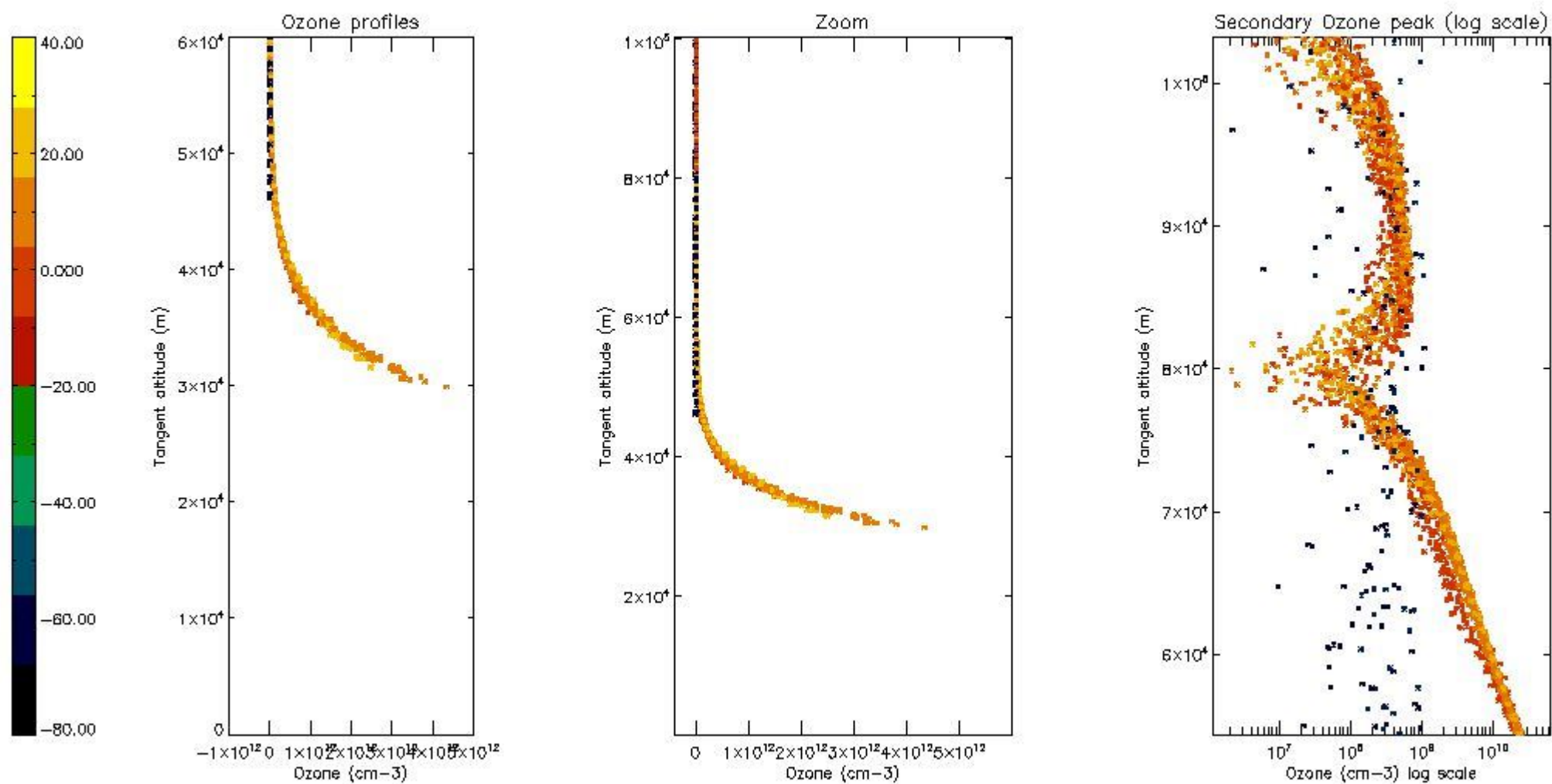
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	42
STD < 20	22

STD < 10	18
STD < 5	15

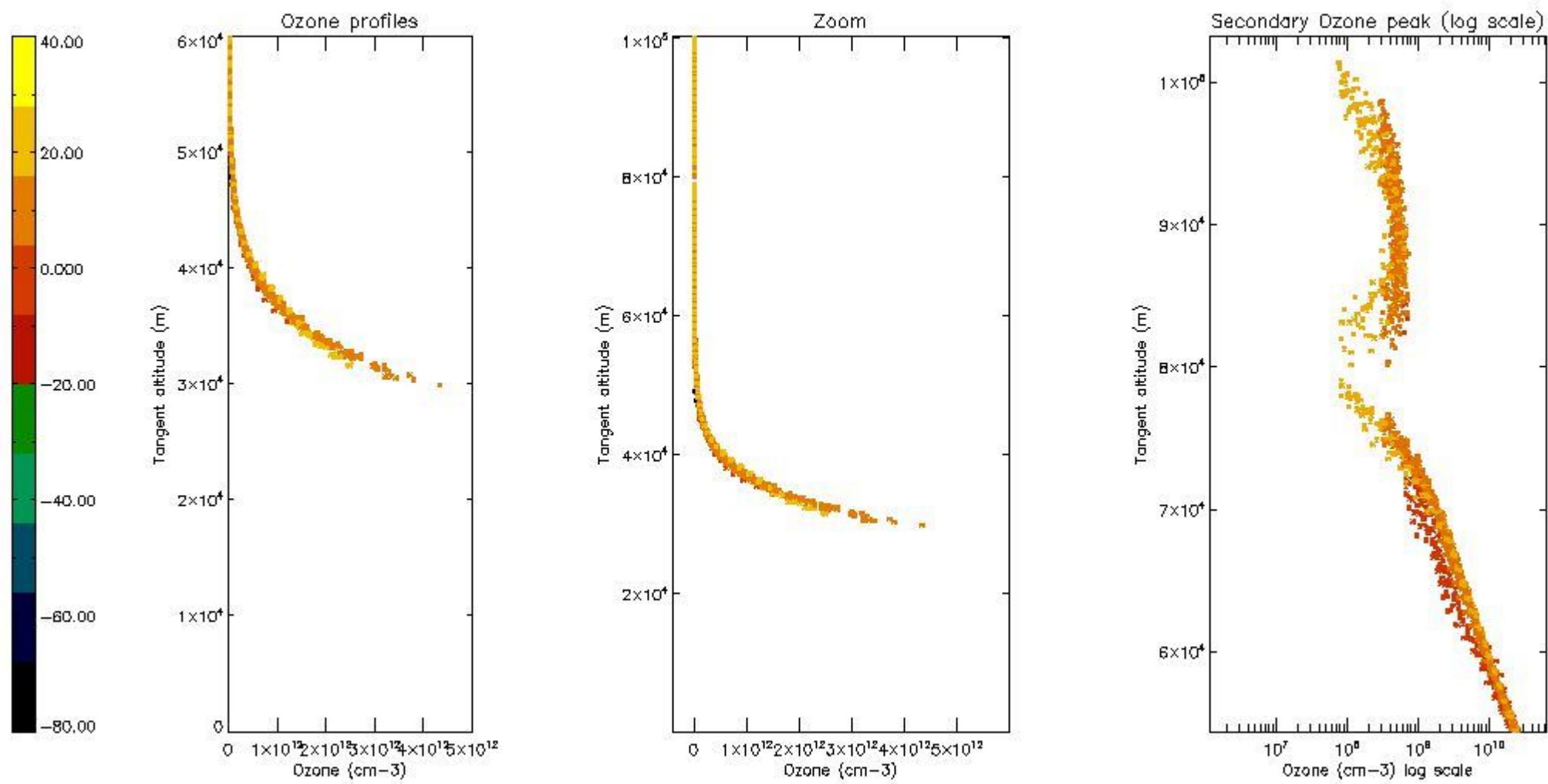
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



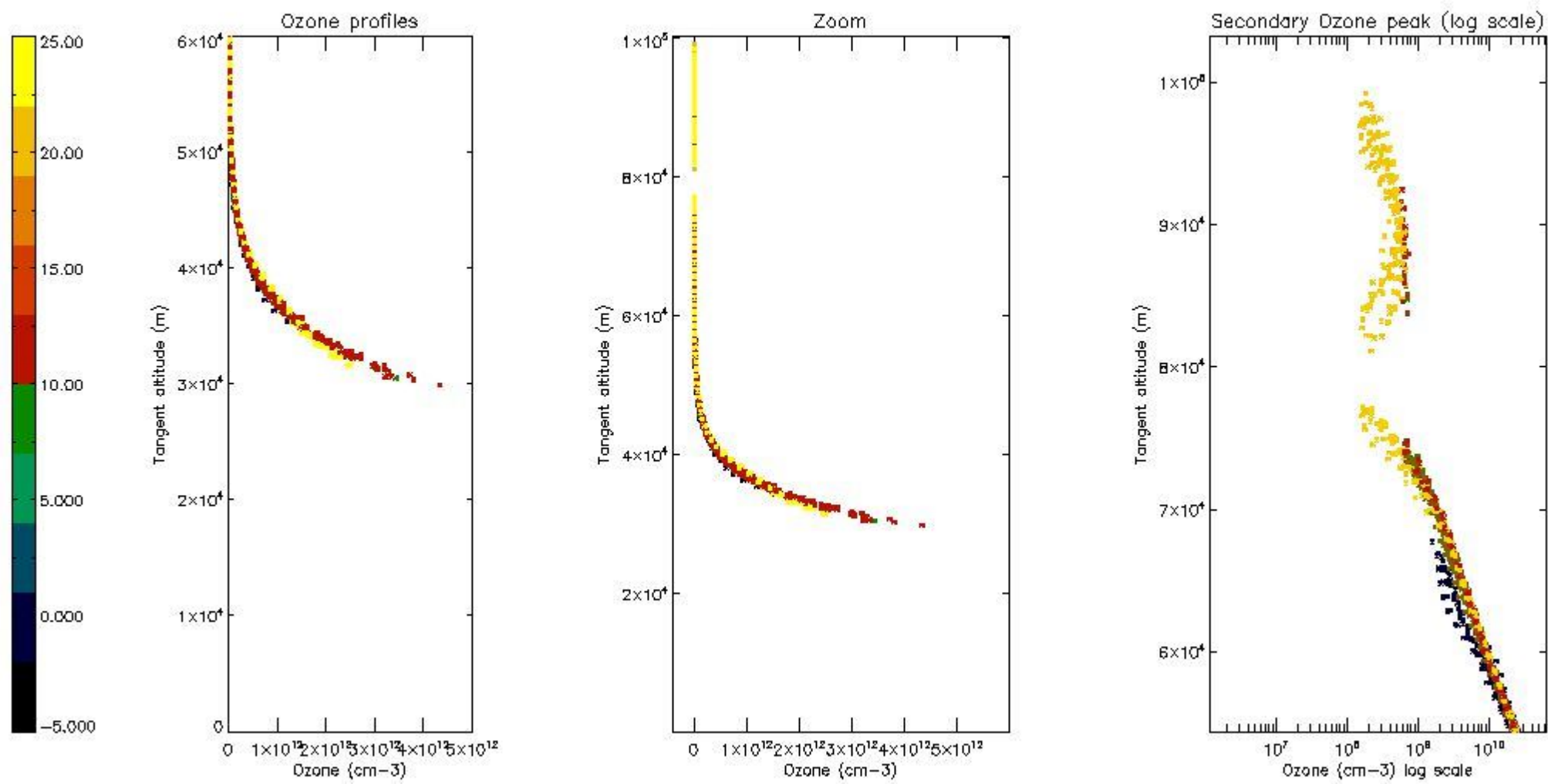
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



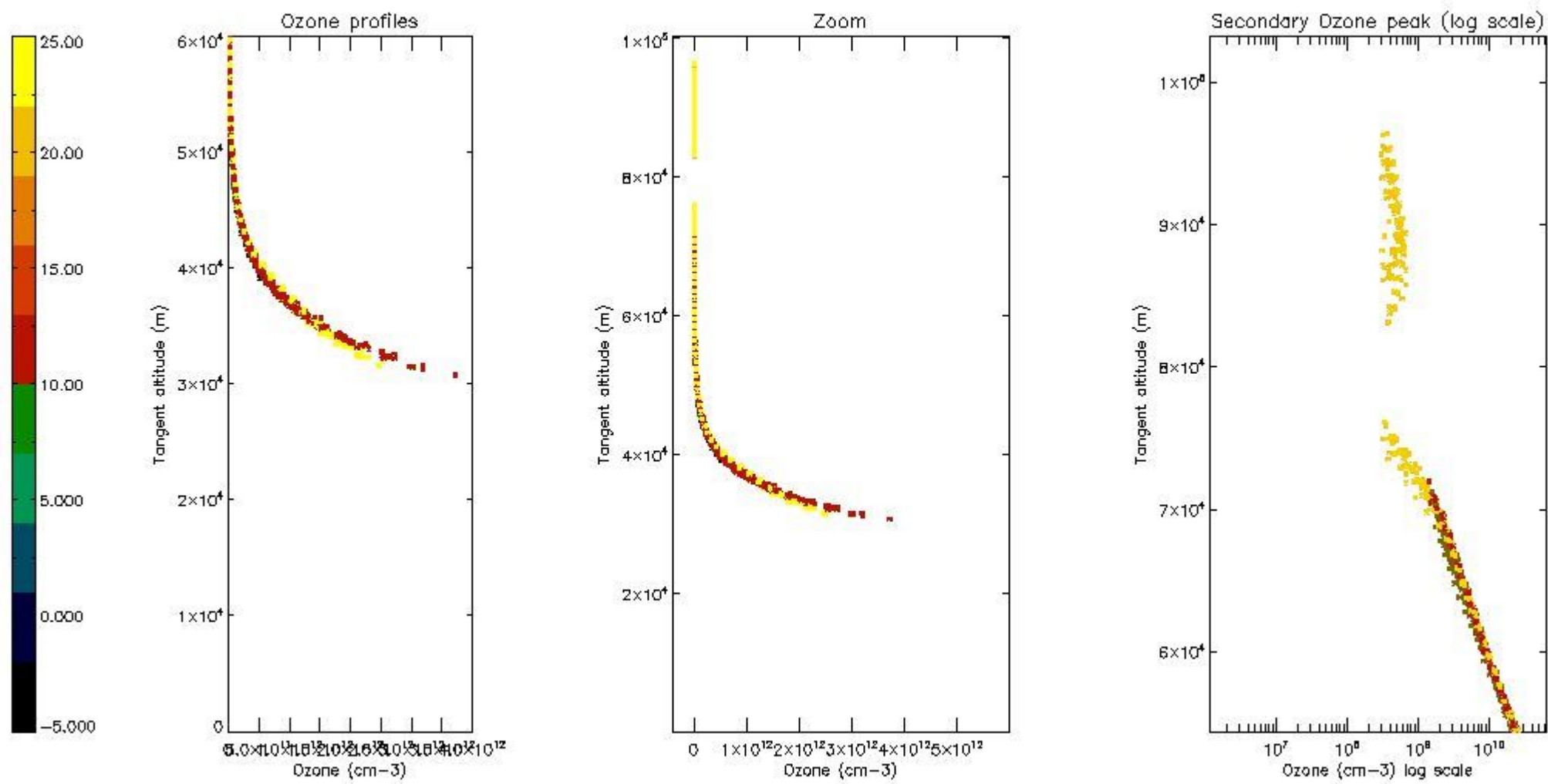
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



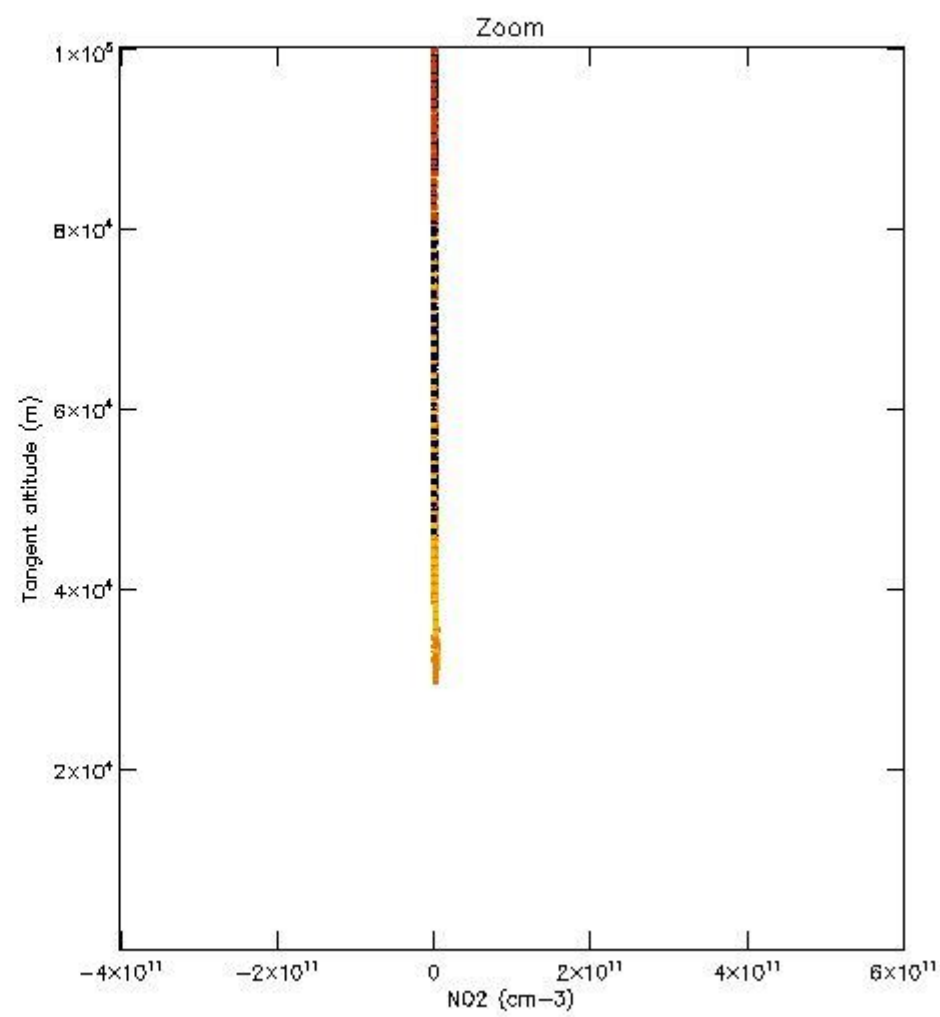
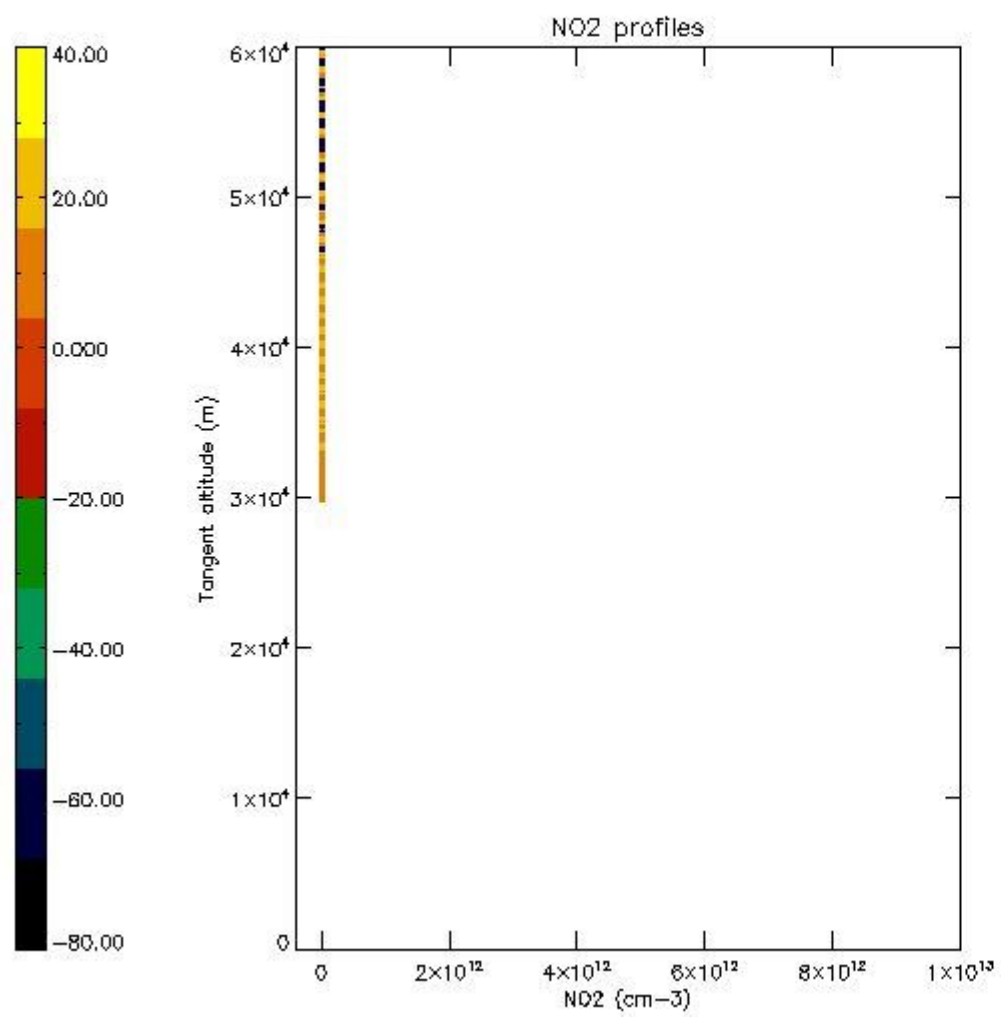
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



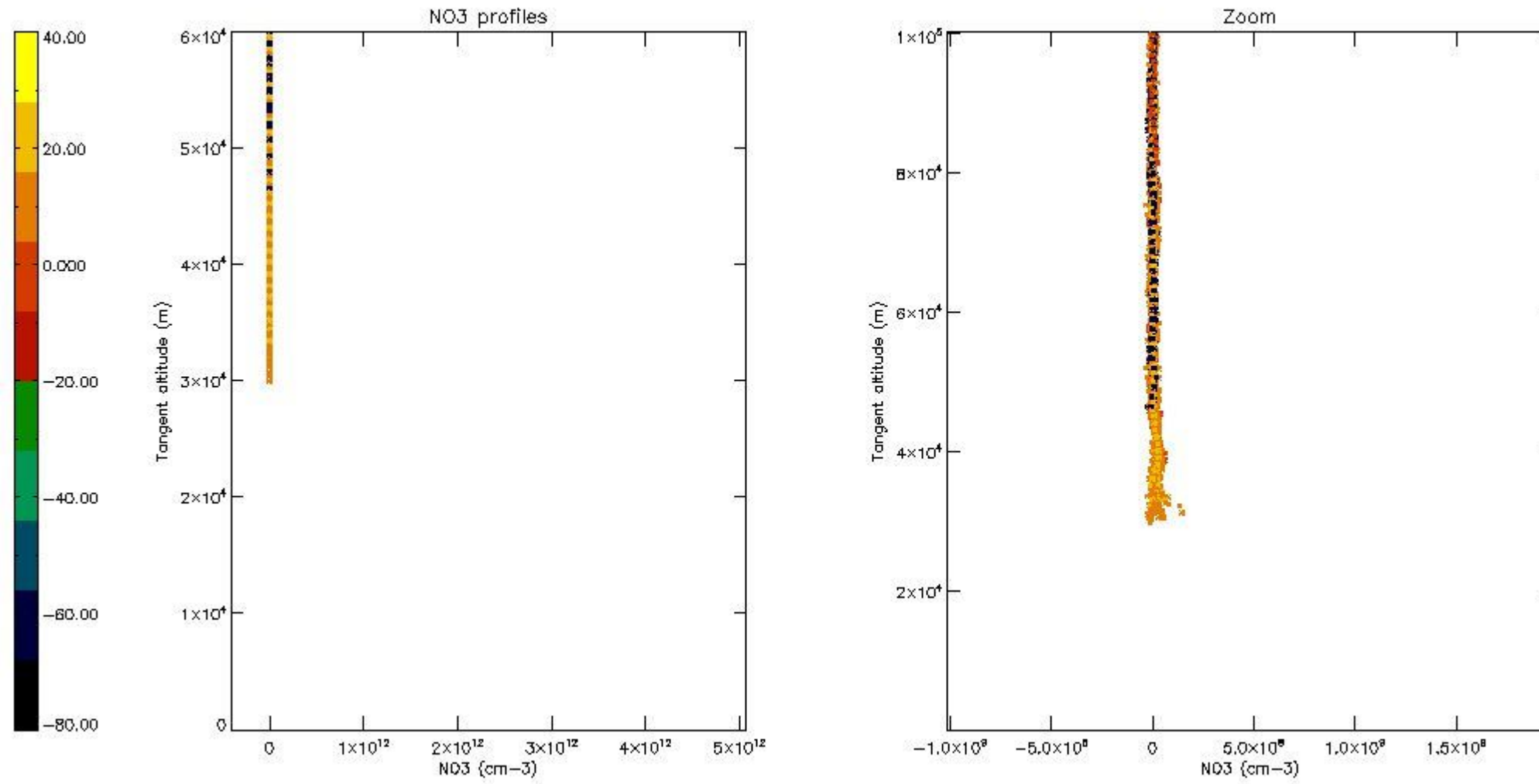
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

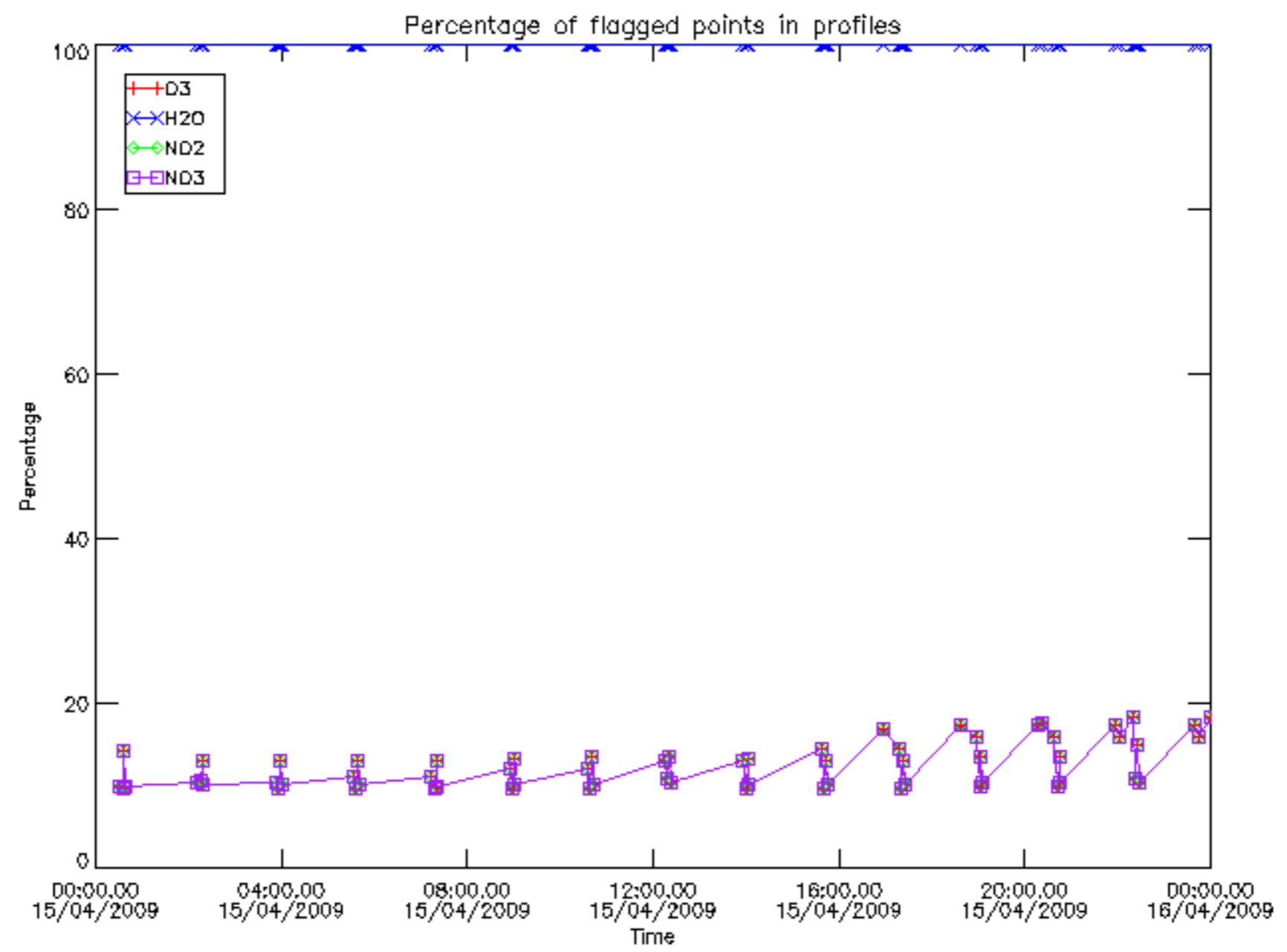
The colorbar represents the latitude.



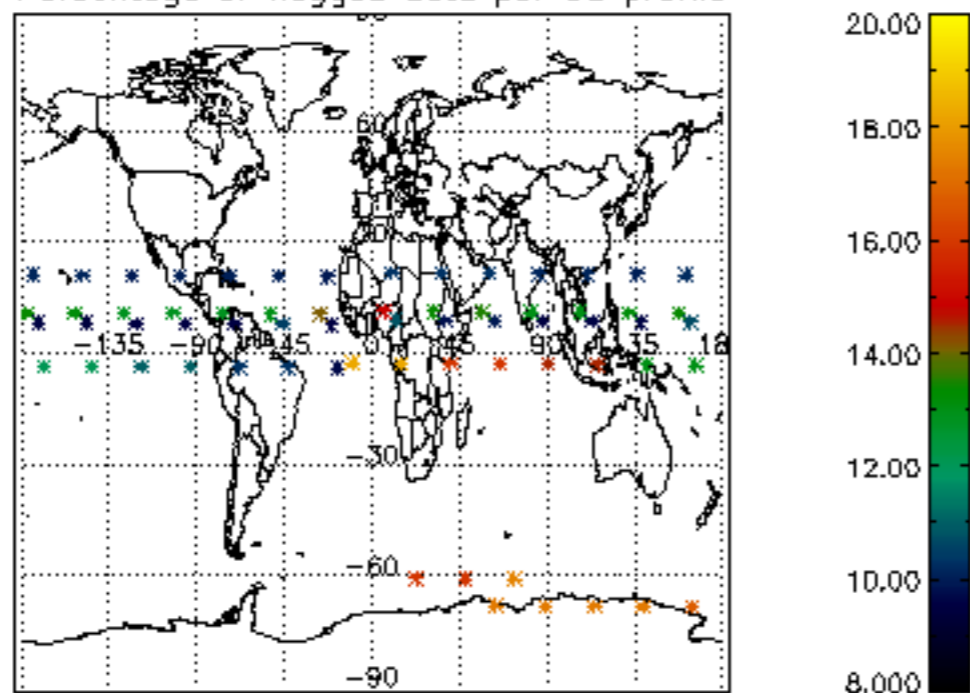
6. Auxiliary Data Files used for the production reported in section 2

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.

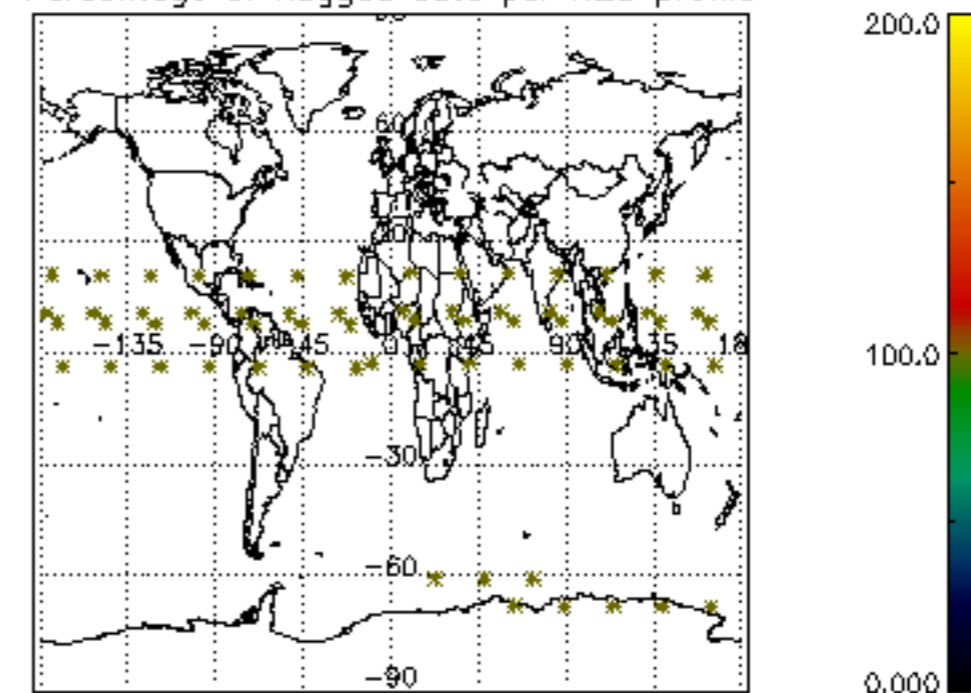
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	15-APR-2009 00:00:00
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	15-APR-2009 00:00:00
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	15-APR-2009 00:00:00



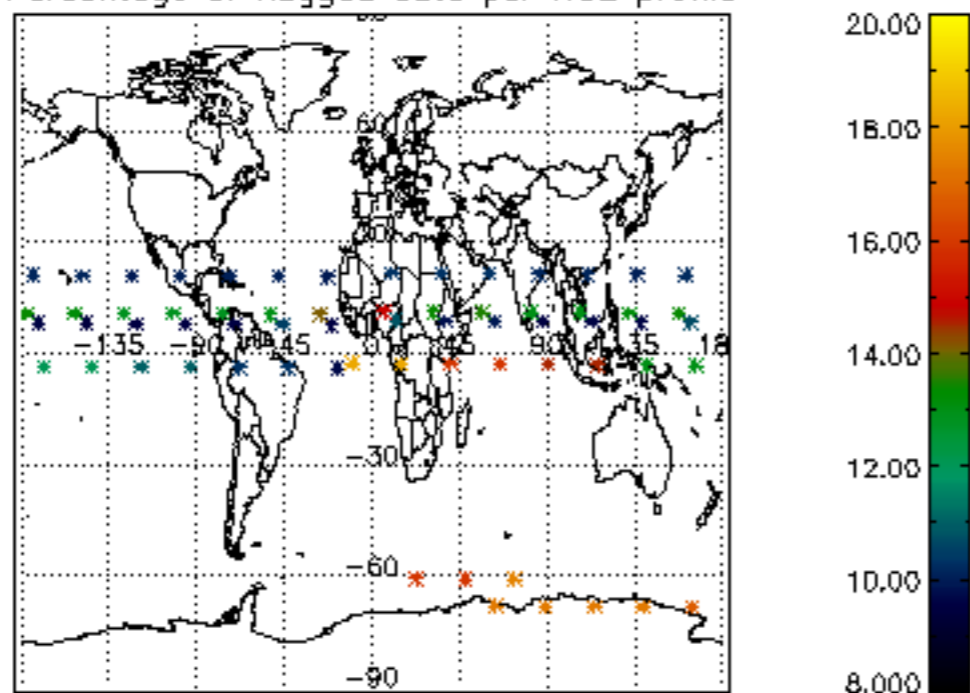
Percentage of flagged data per D3 profile



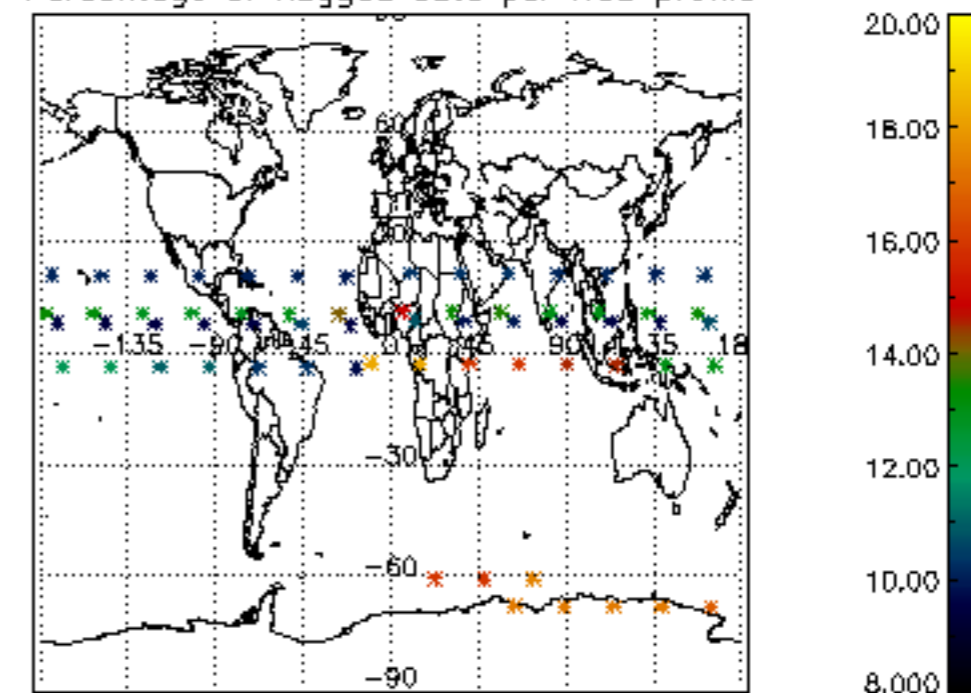
Percentage of flagged data per H2O profile

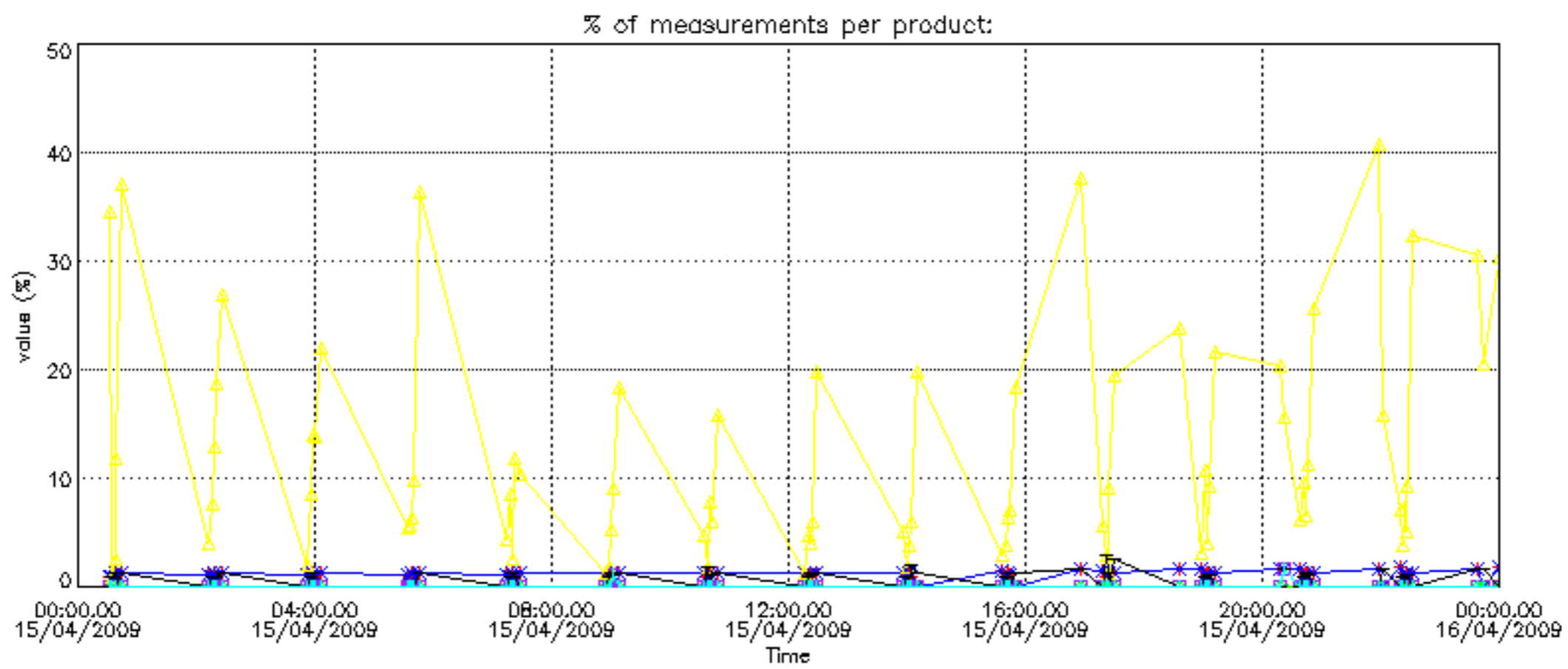


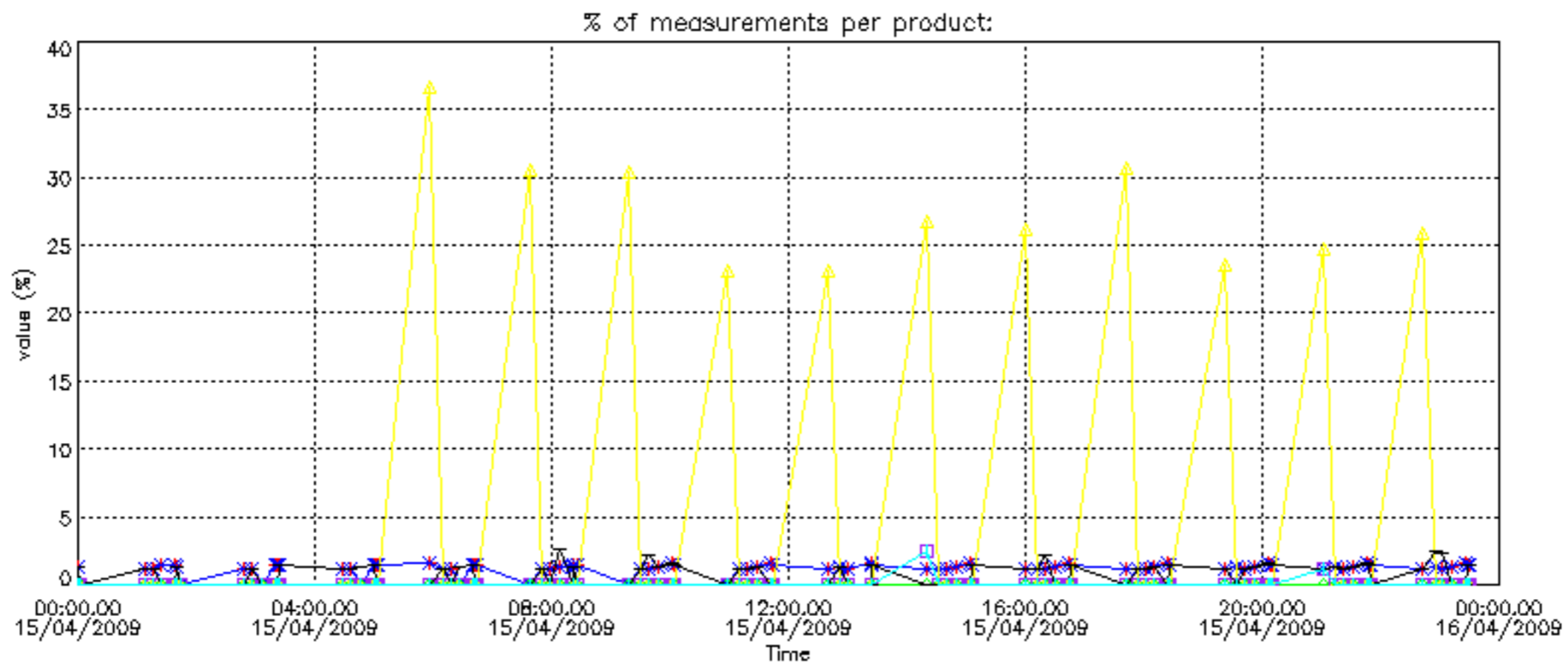
Percentage of flagged data per NO2 profile



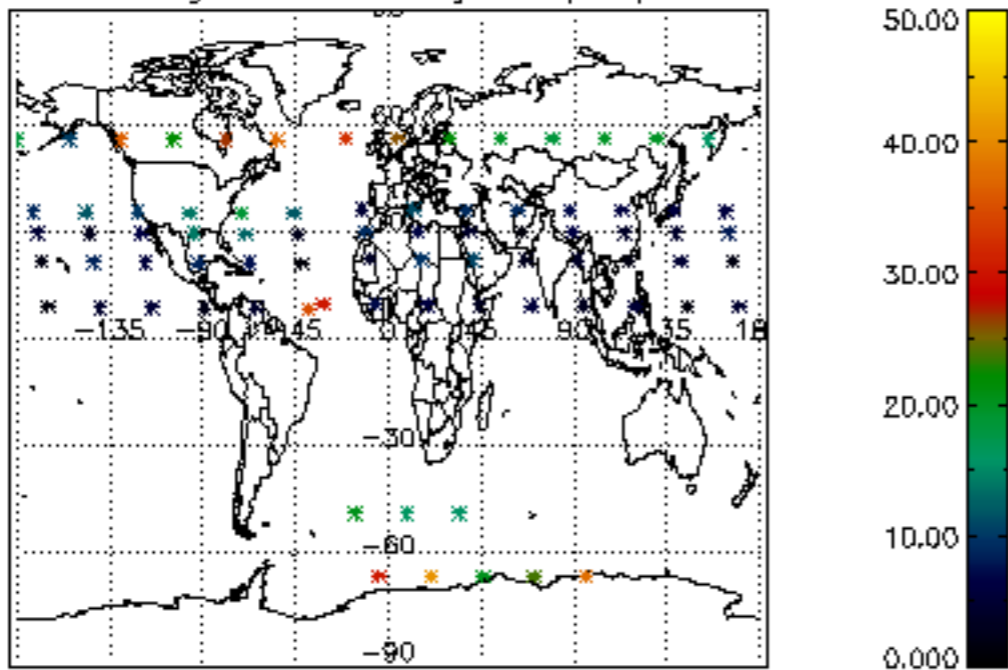
Percentage of flagged data per NO3 profile



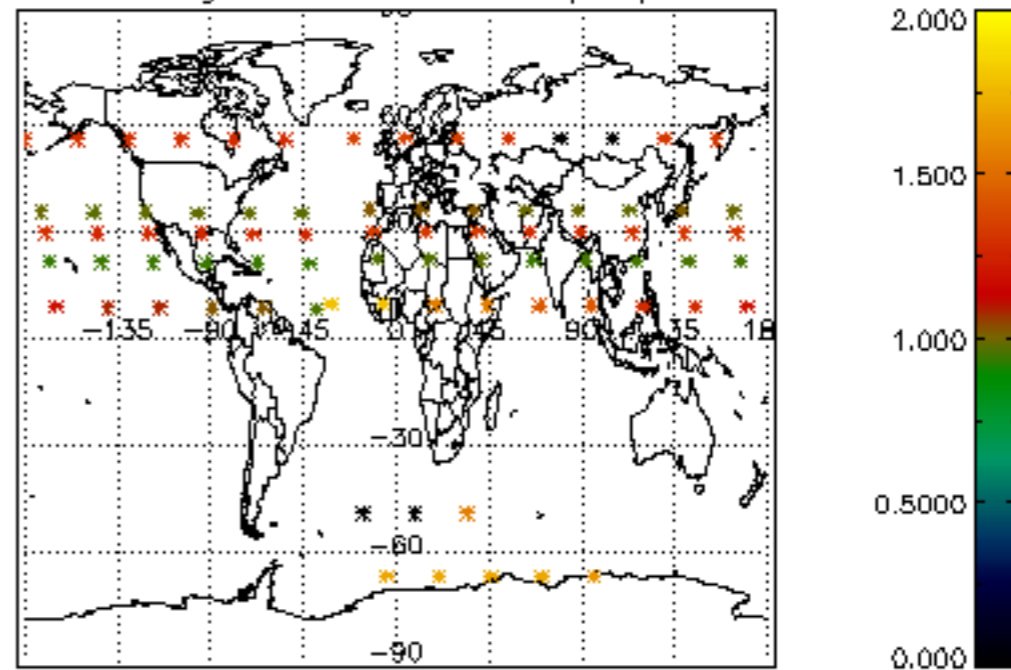




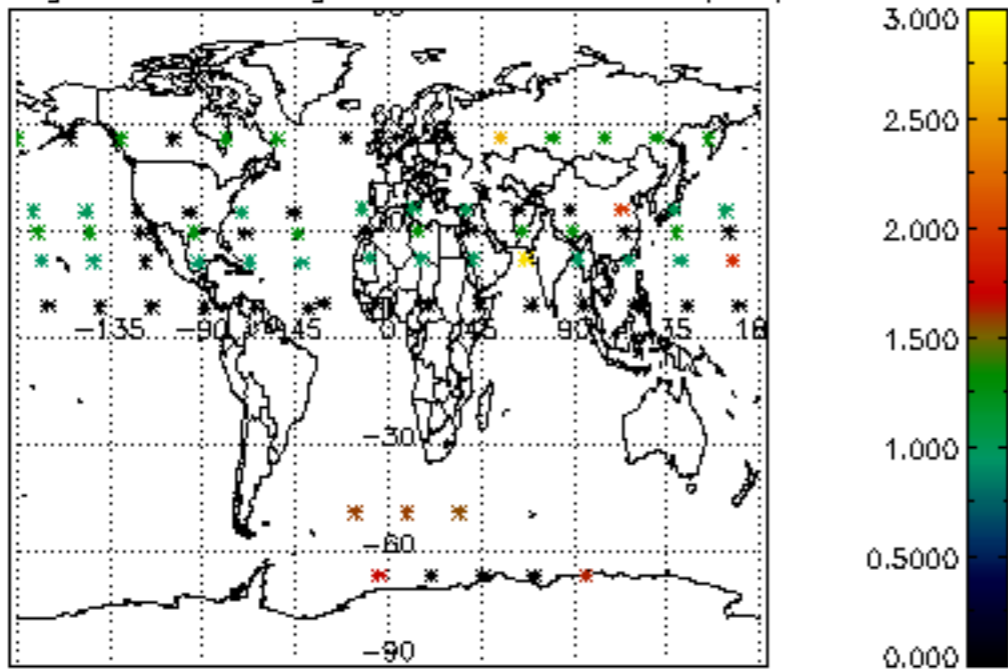
Percentage of cosmic ray hits per profile



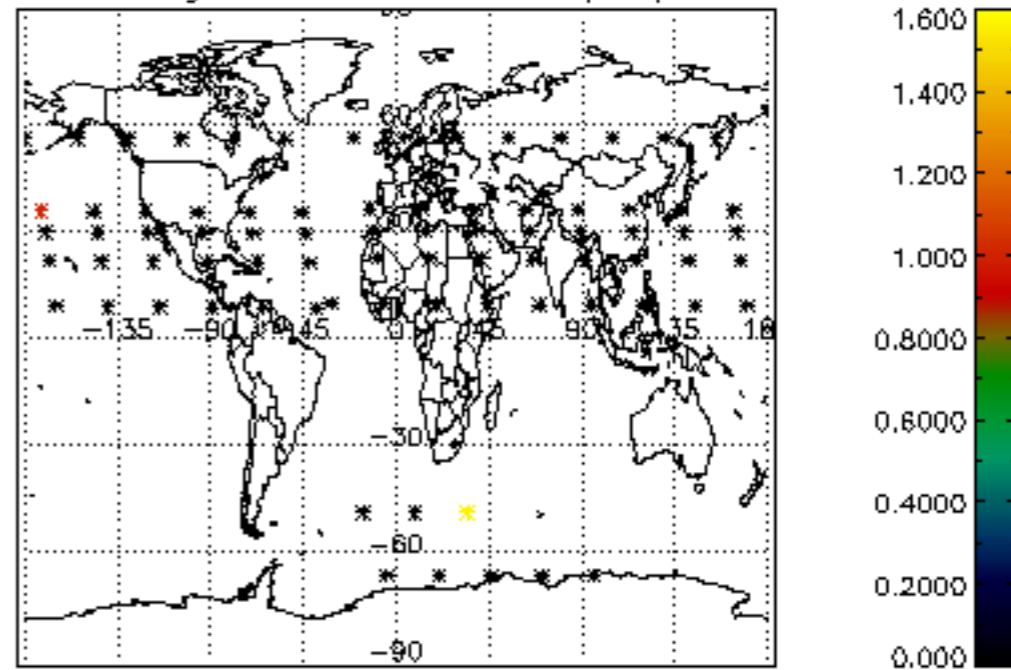
Percentage of datation errors per profile



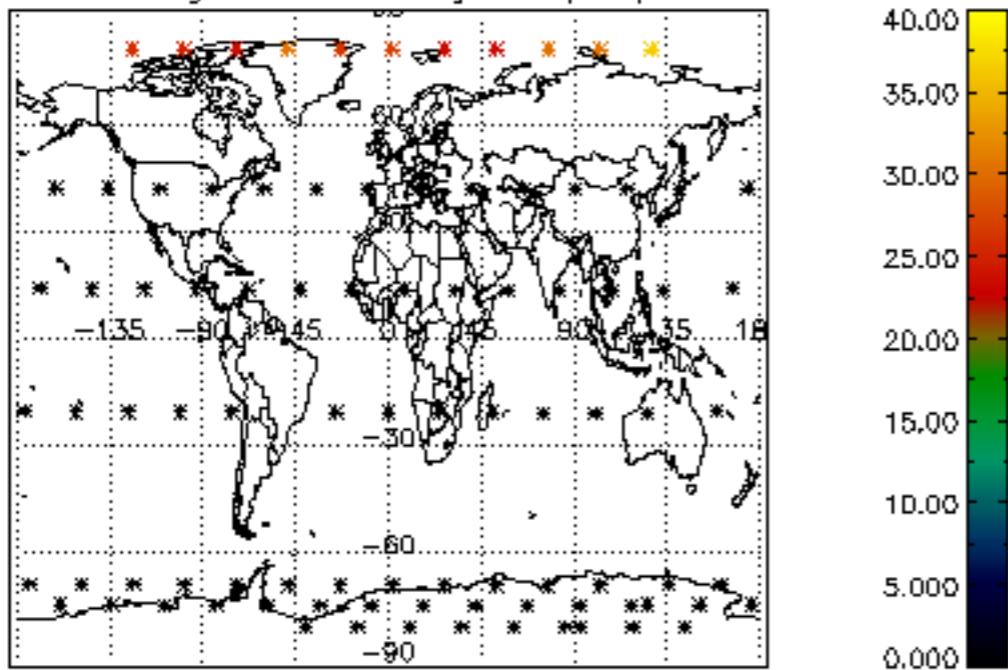
Percentage of star falling outside central band per profile



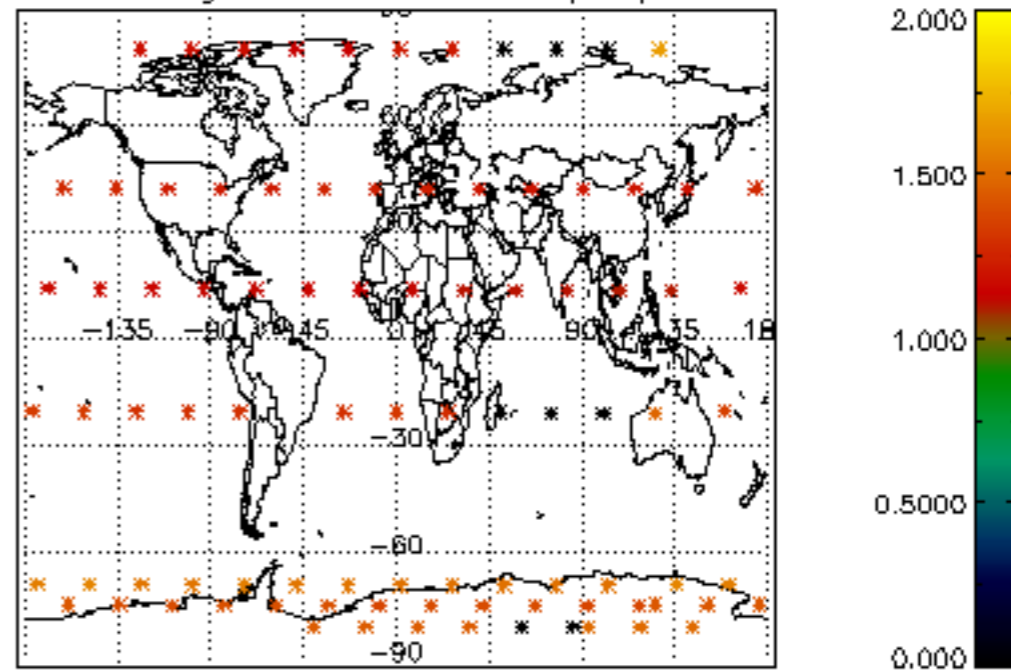
Percentage of saturation errors per profile



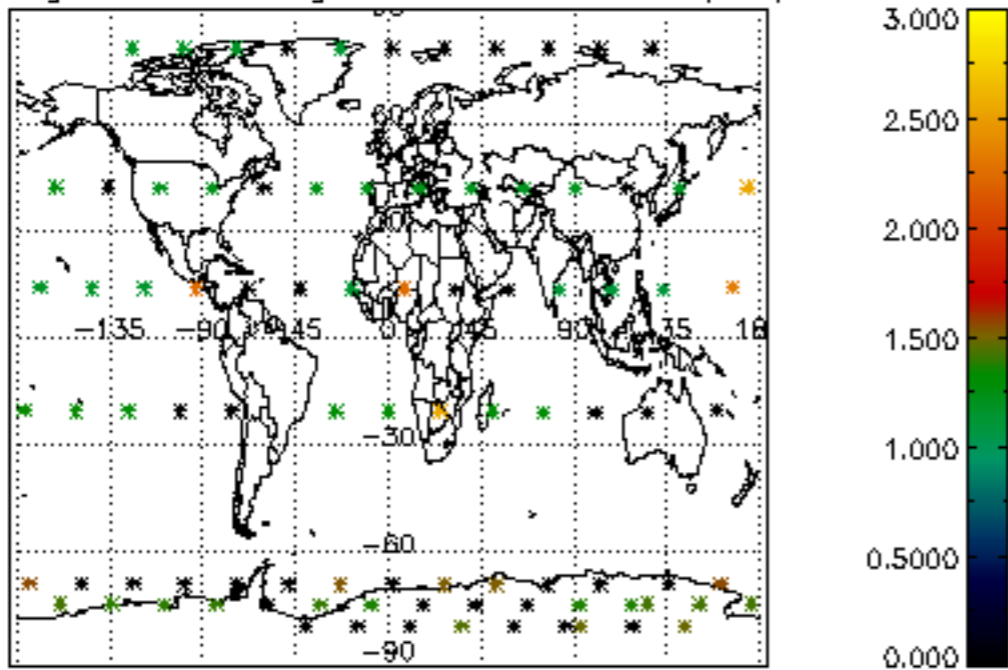
Percentage of cosmic ray hits per profile



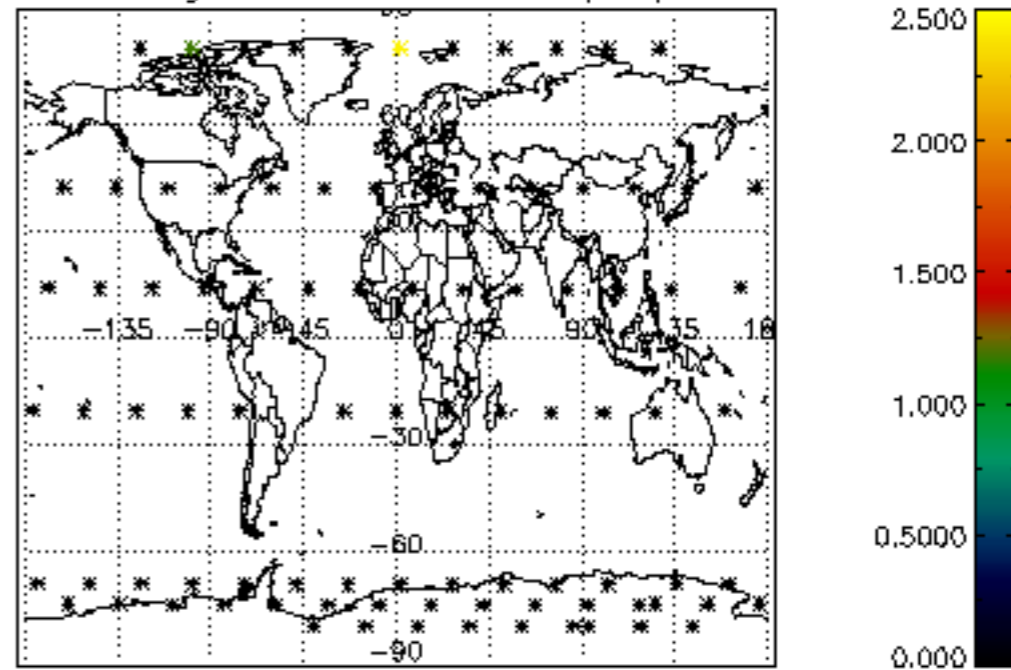
Percentage of datation errors per profile

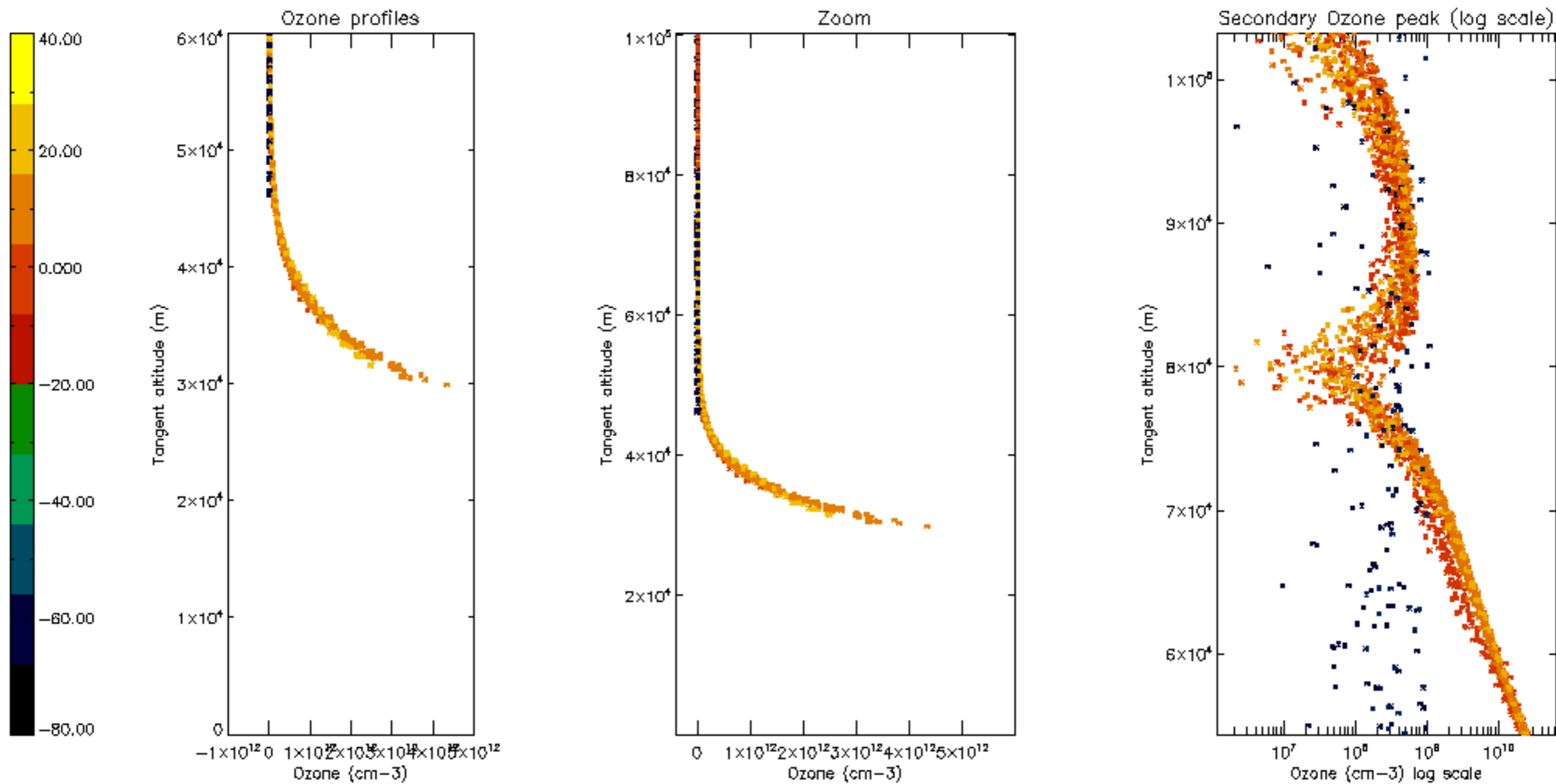


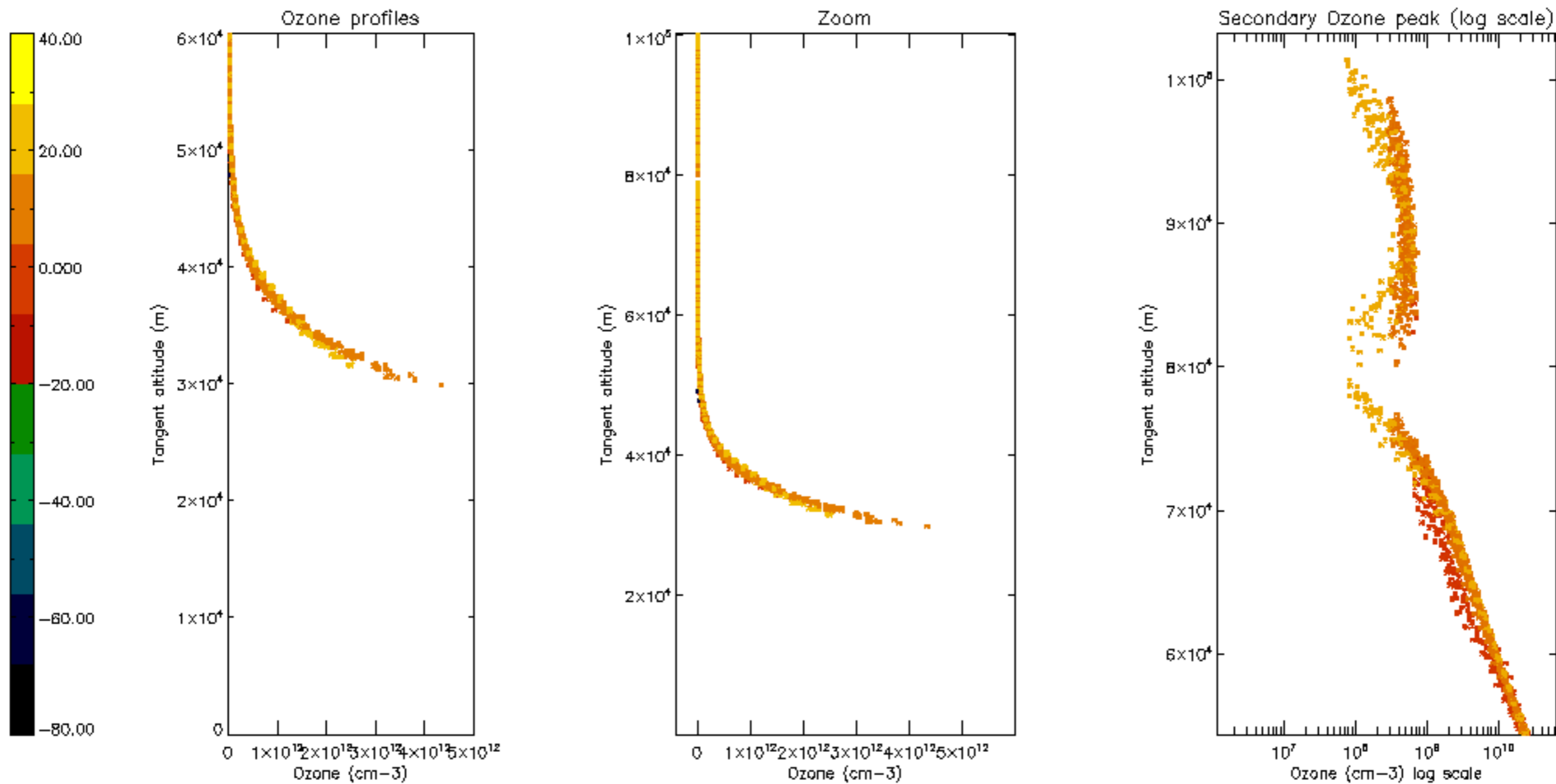
Percentage of star falling outside central band per profile

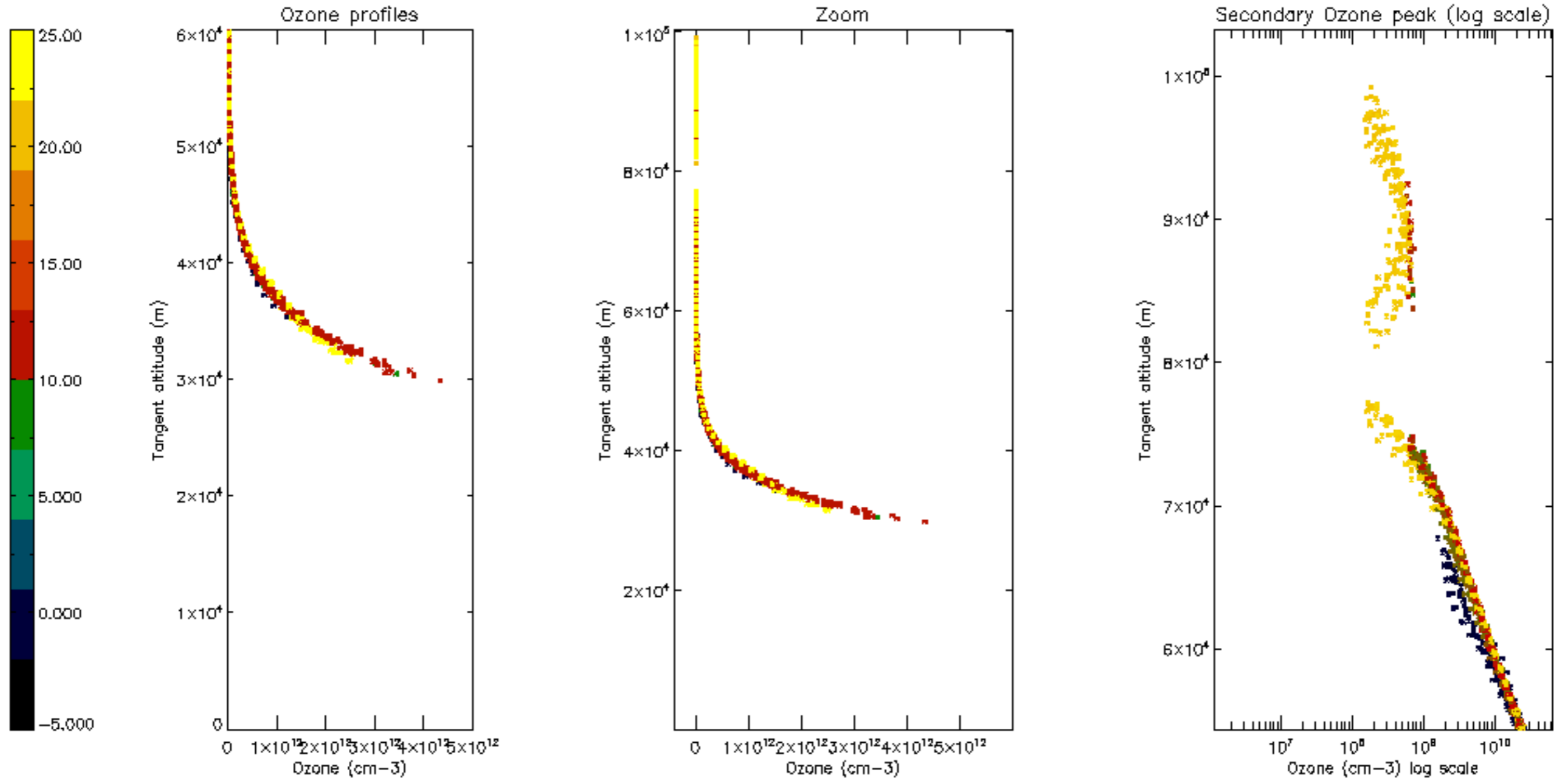


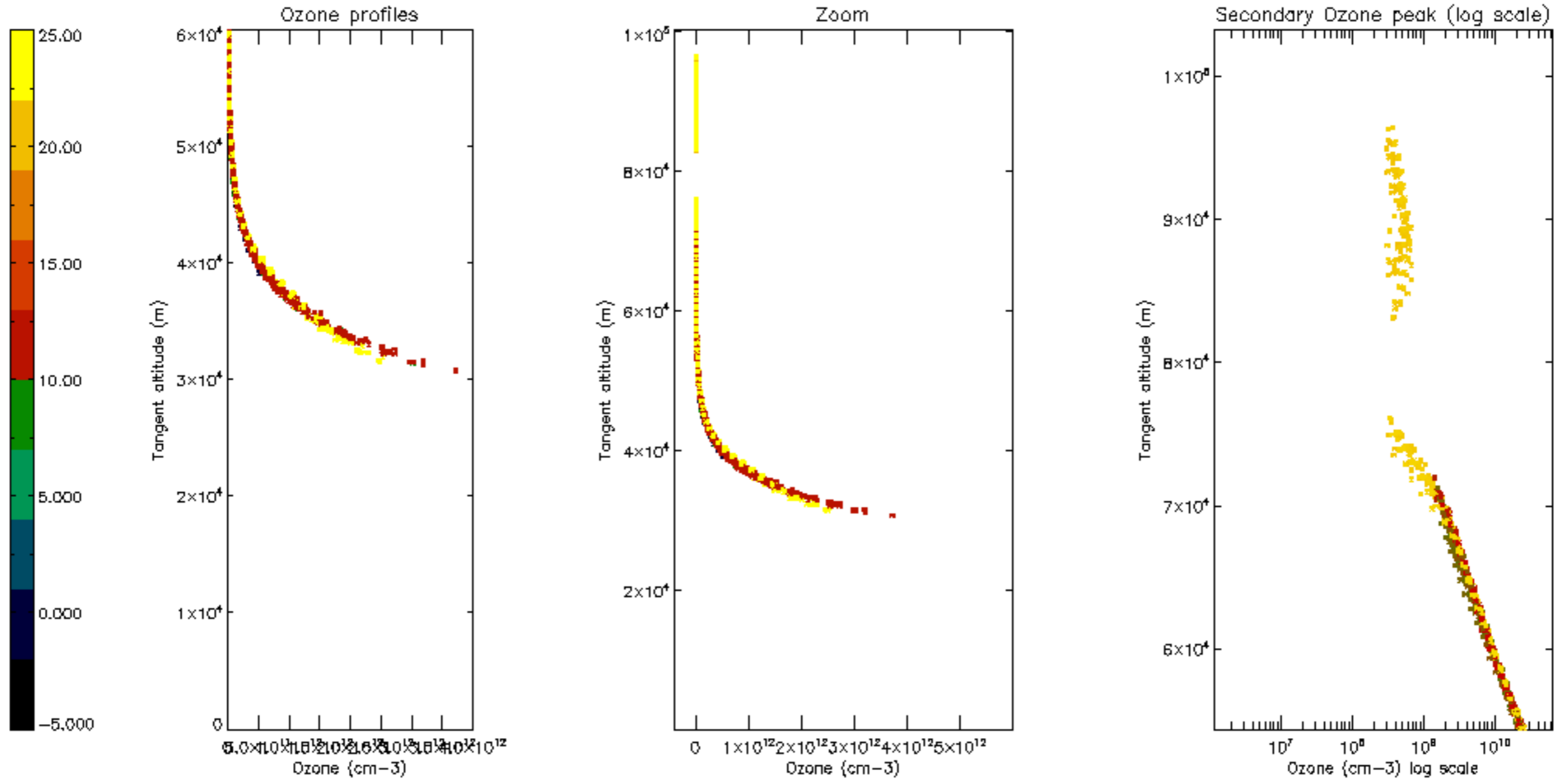
Percentage of saturation errors per profile

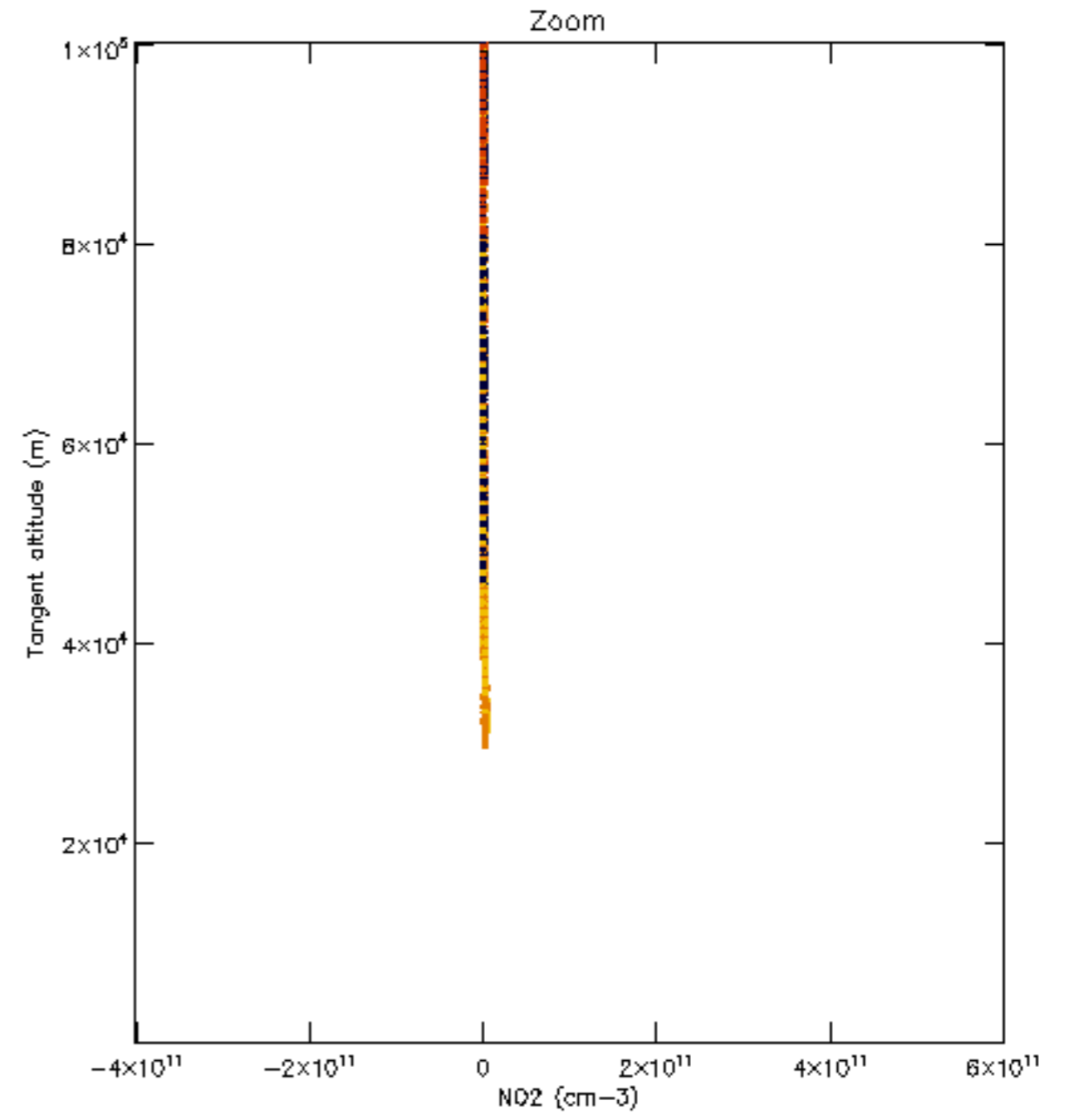
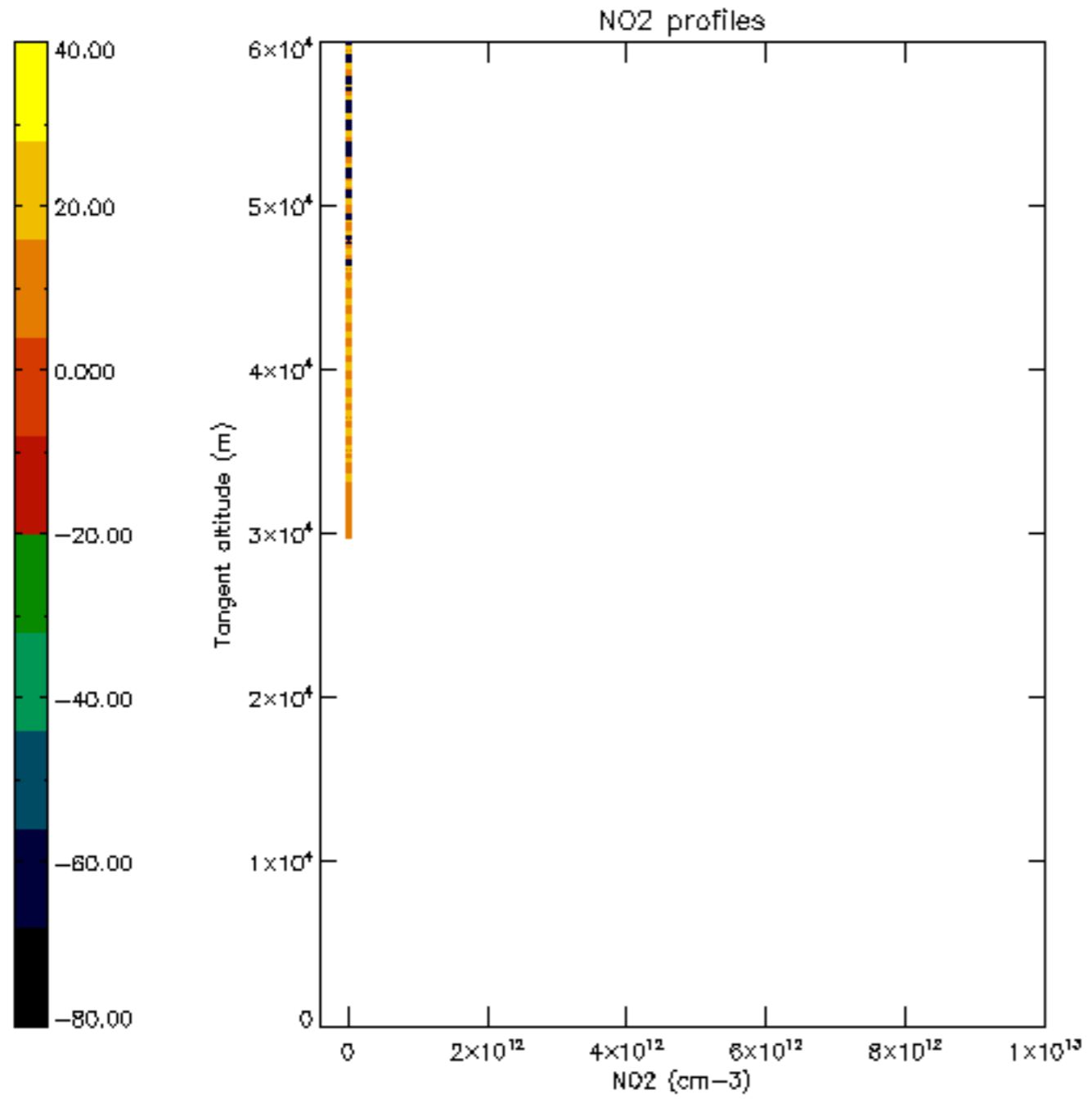


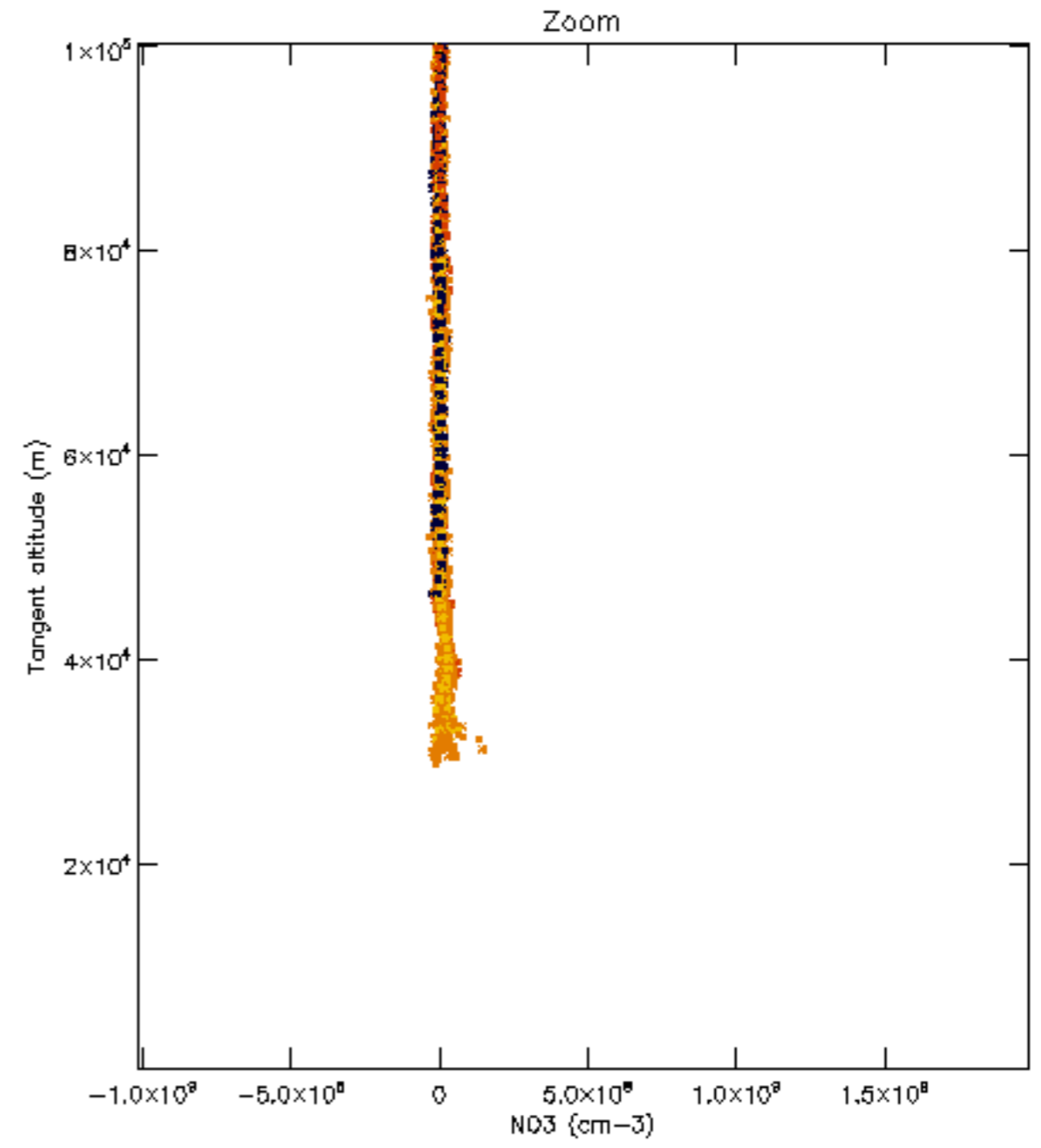
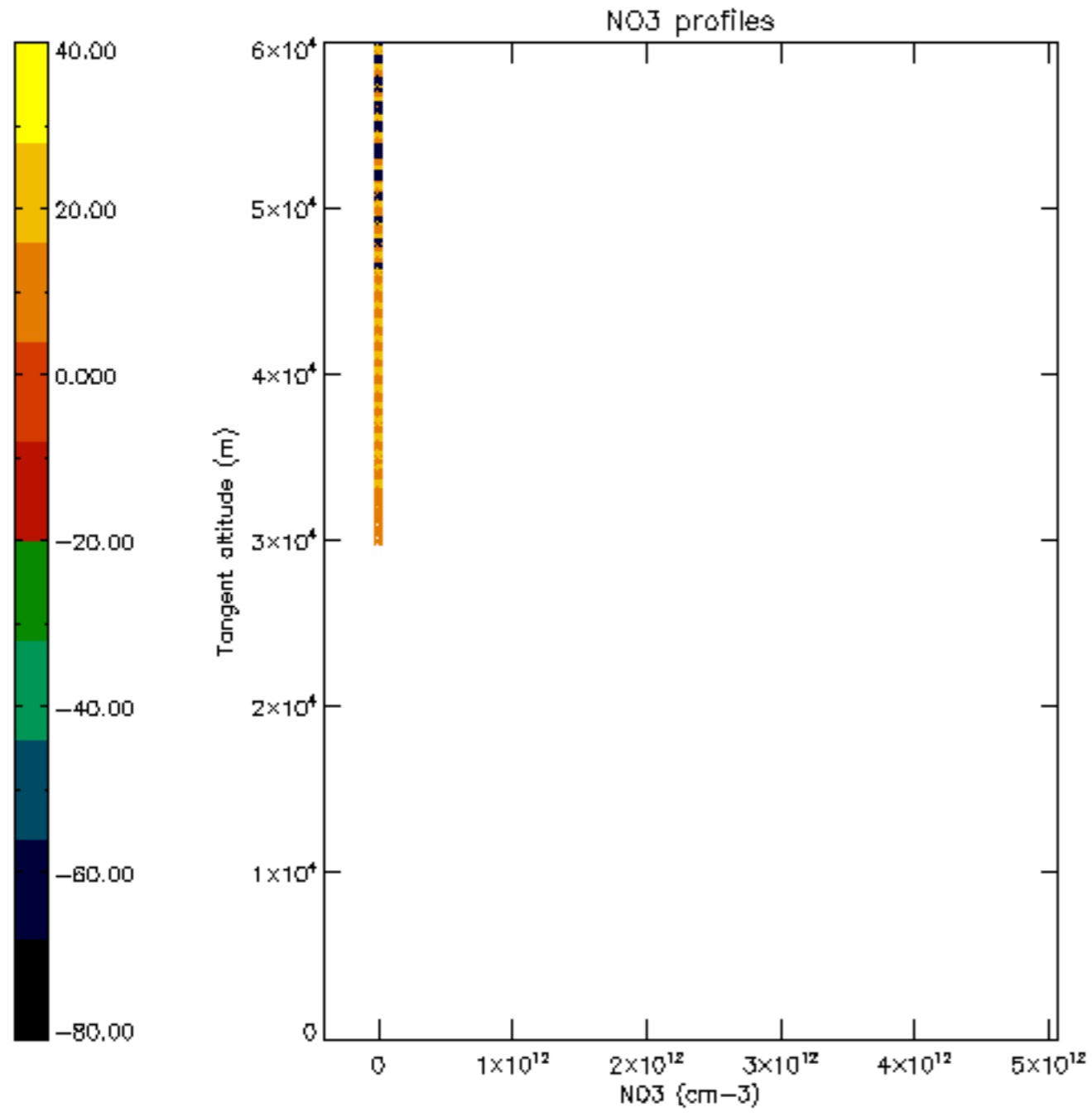


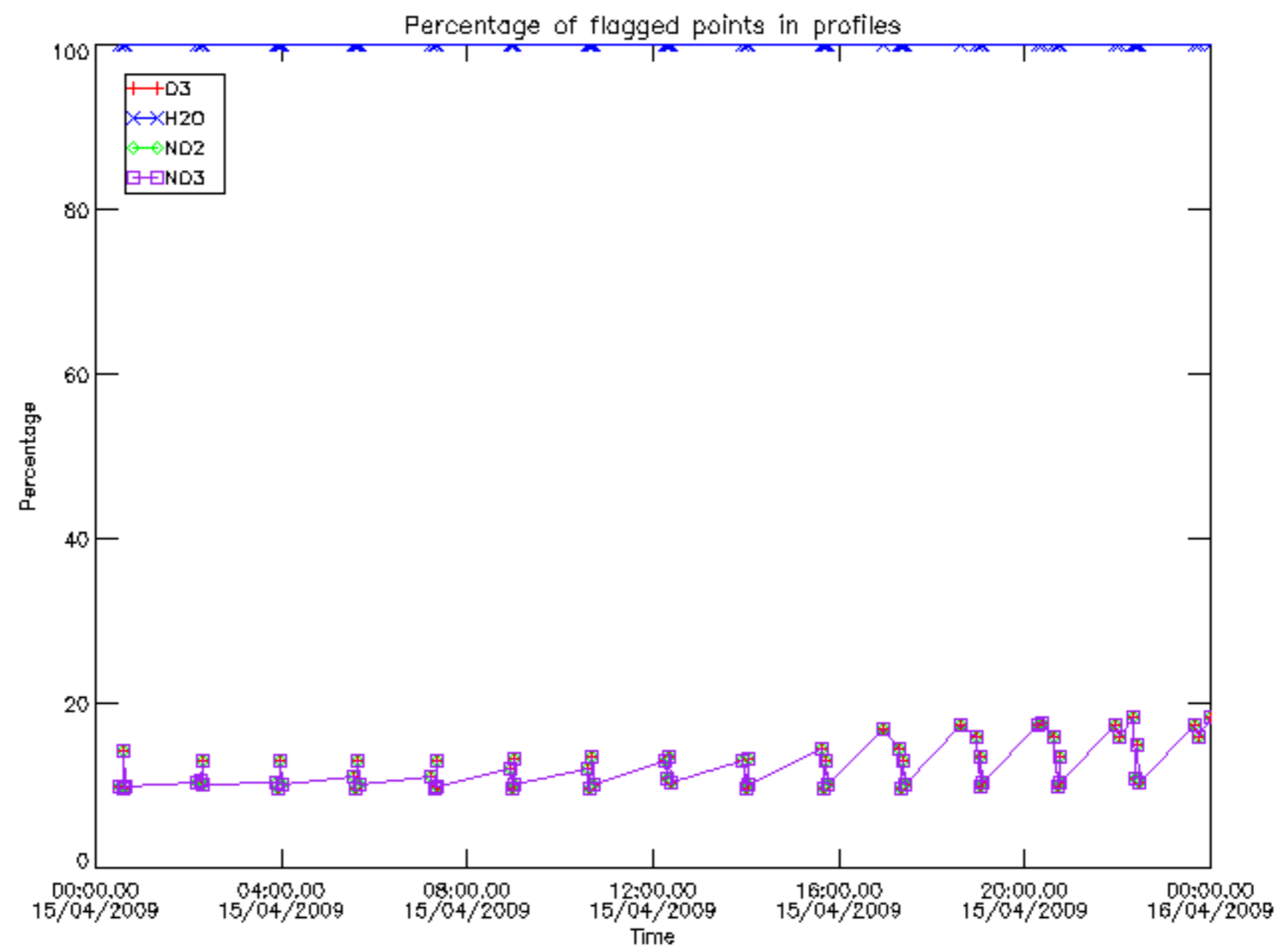




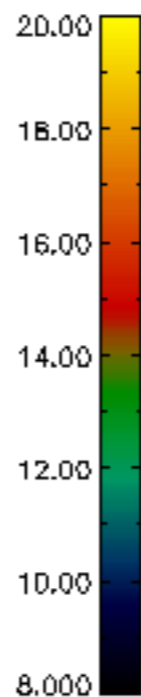
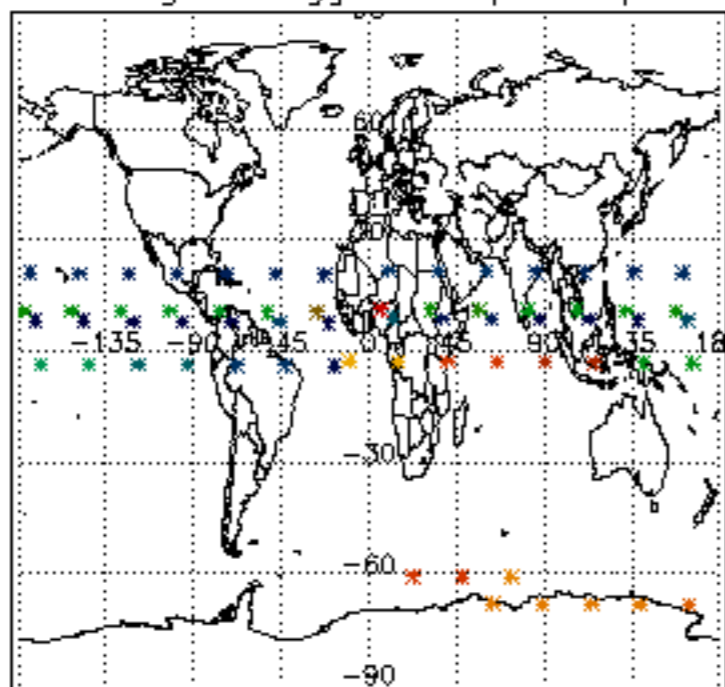




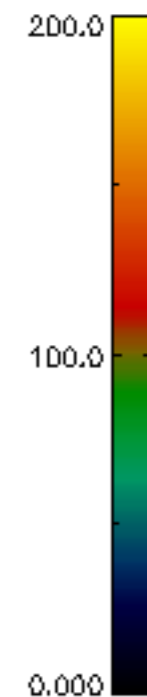
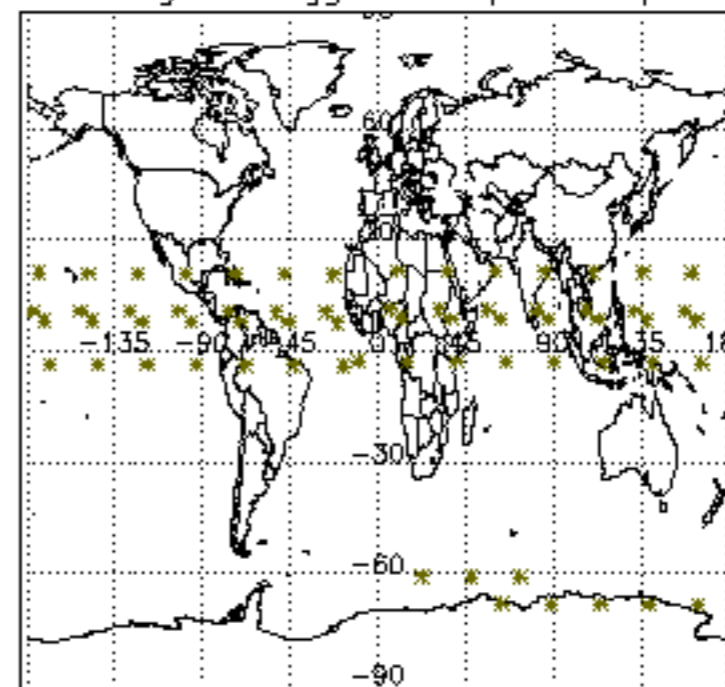




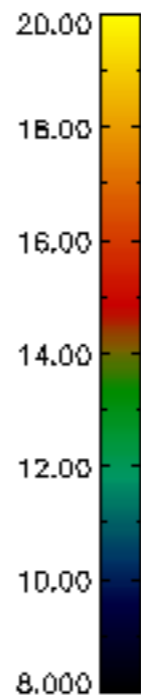
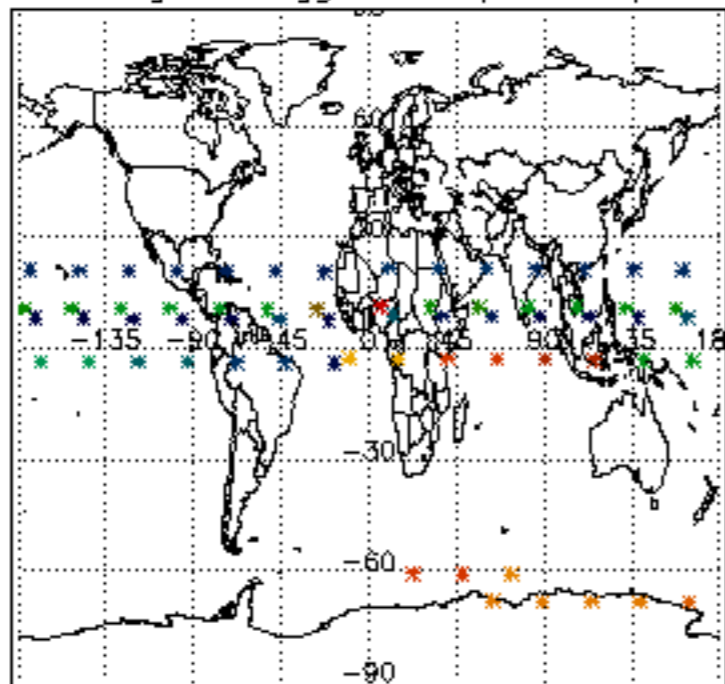
Percentage of flagged data per D3 profile



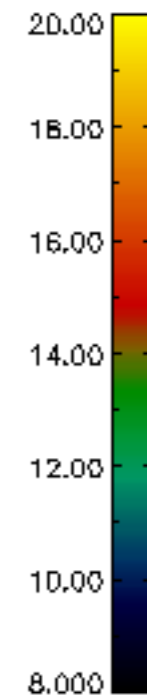
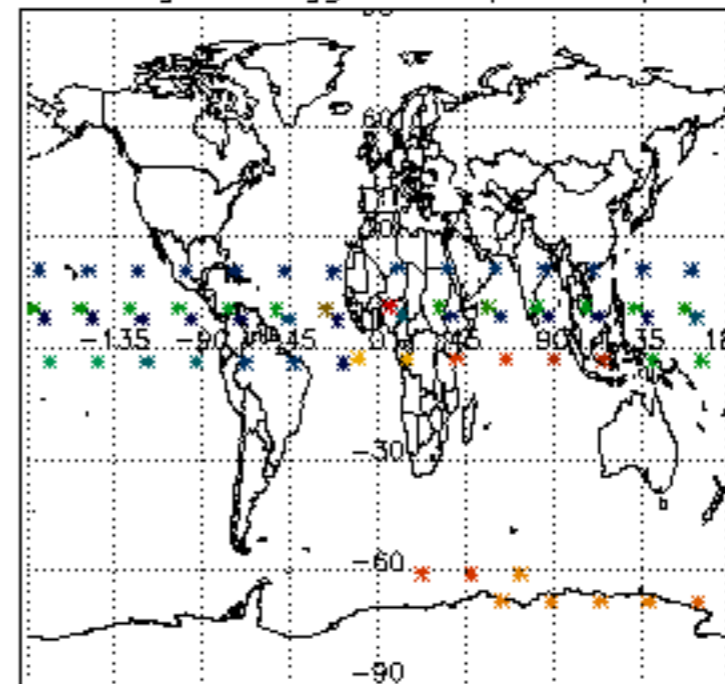
Percentage of flagged data per H2O profile

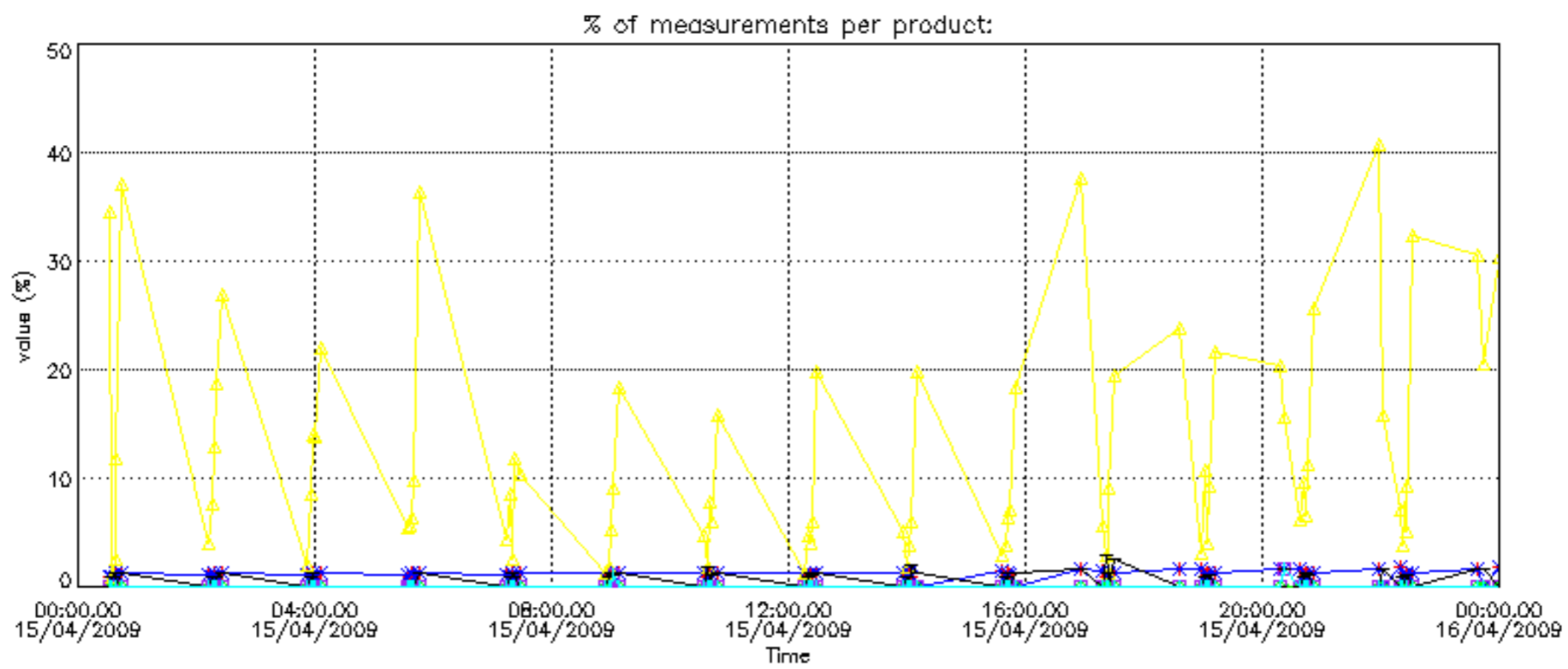


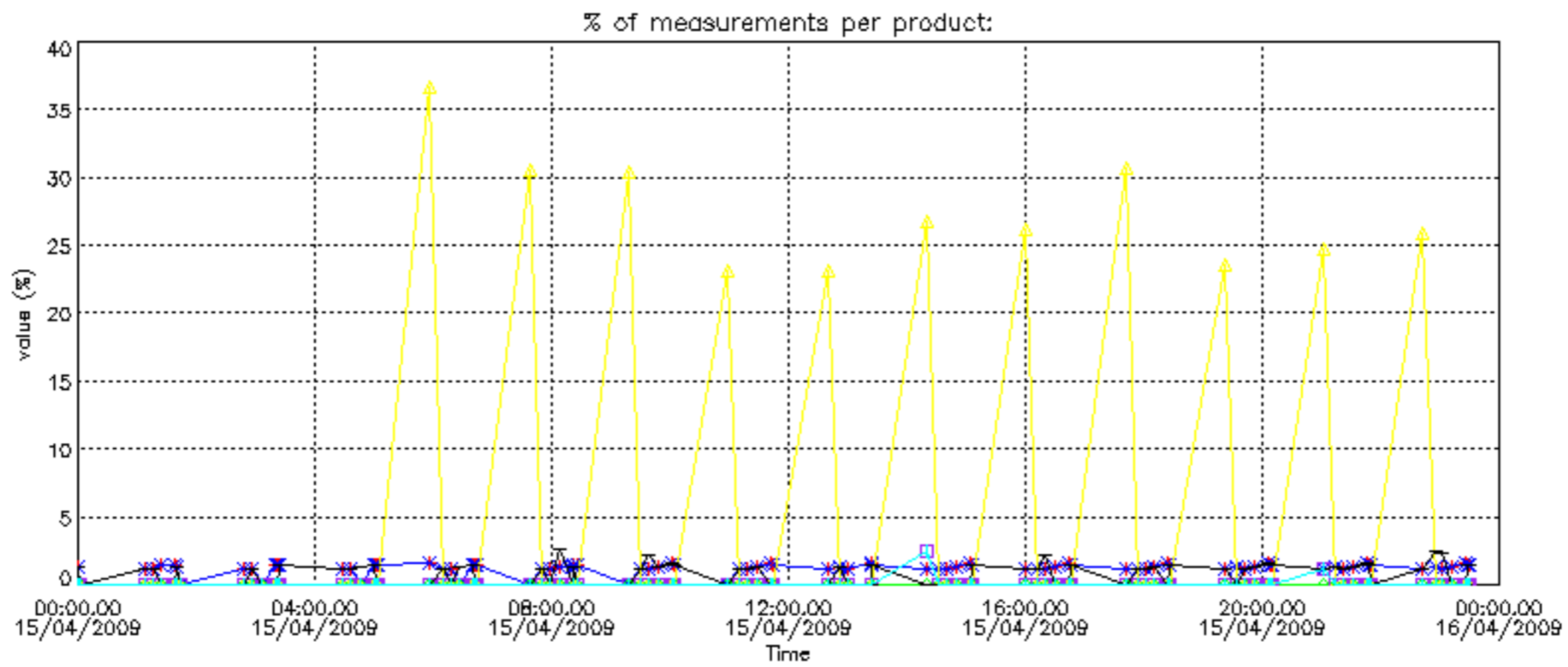
Percentage of flagged data per NO2 profile



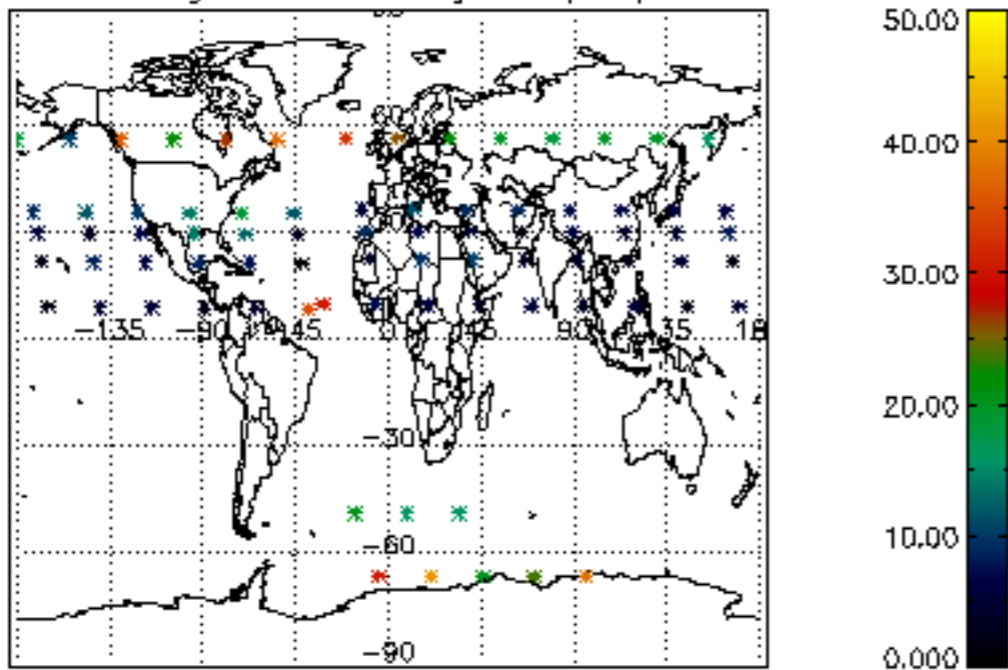
Percentage of flagged data per NO3 profile



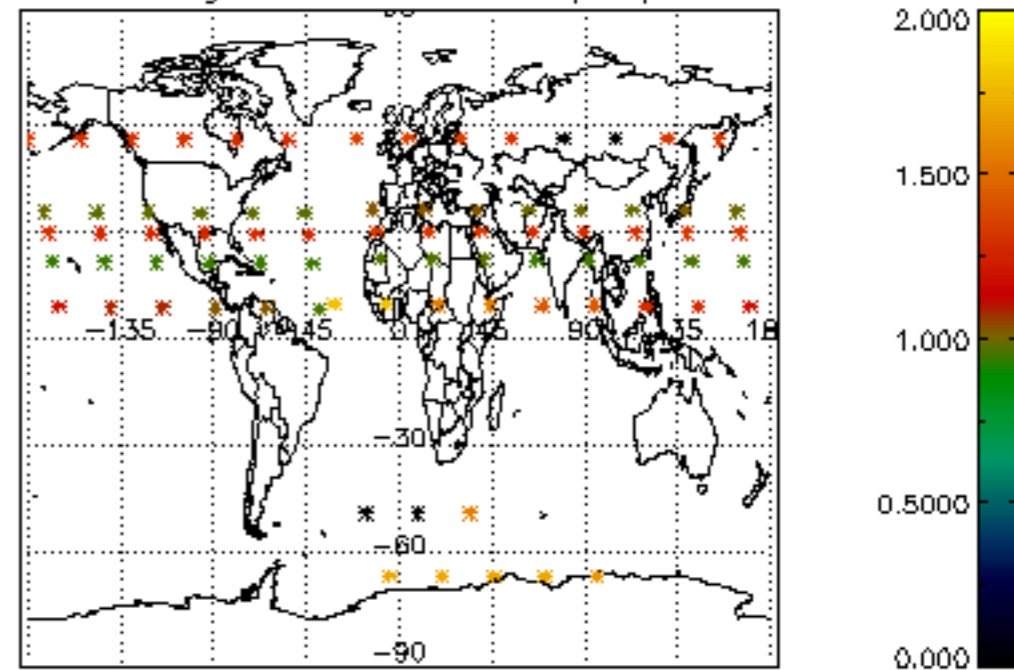




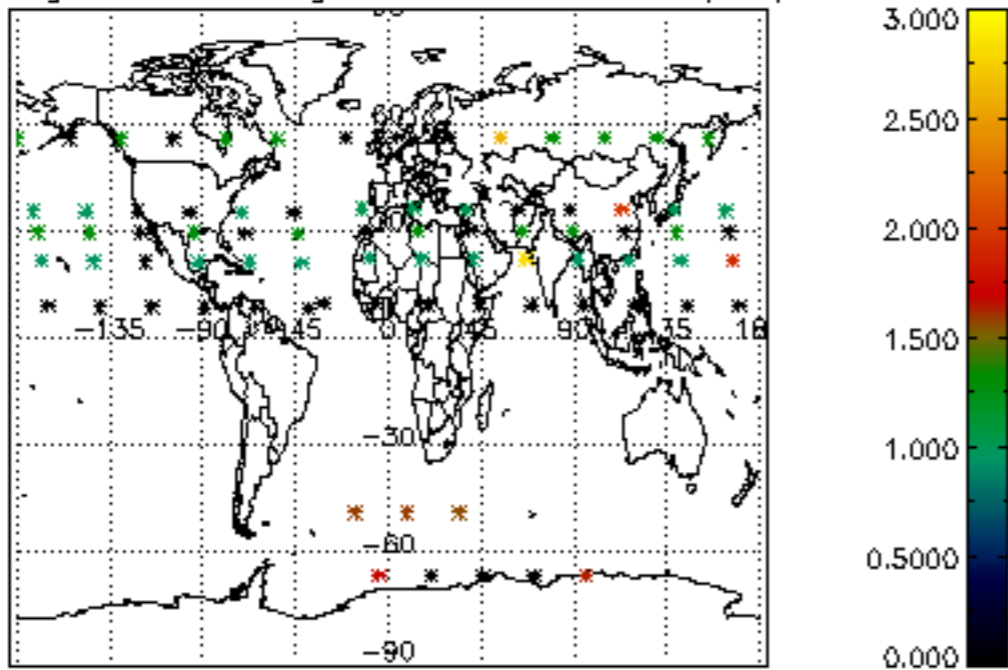
Percentage of cosmic ray hits per profile



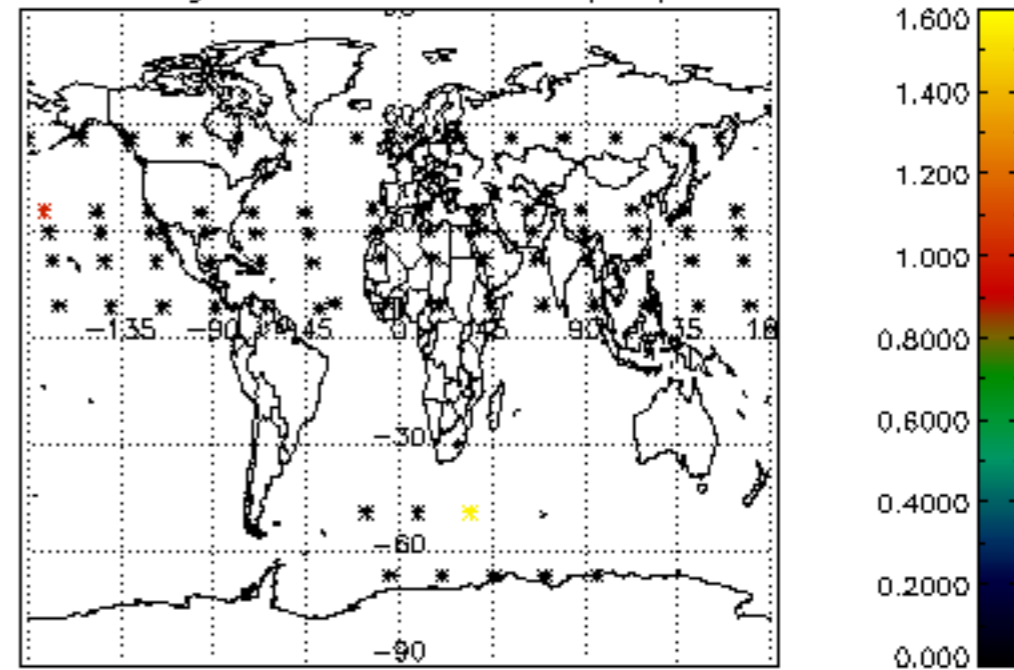
Percentage of datation errors per profile



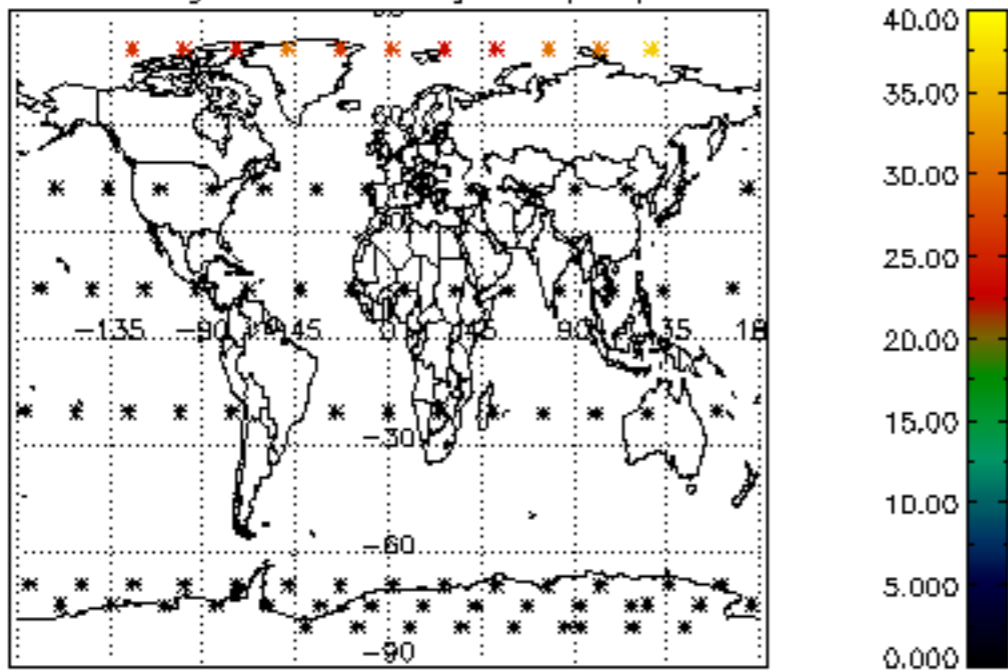
Percentage of star falling outside central band per profile



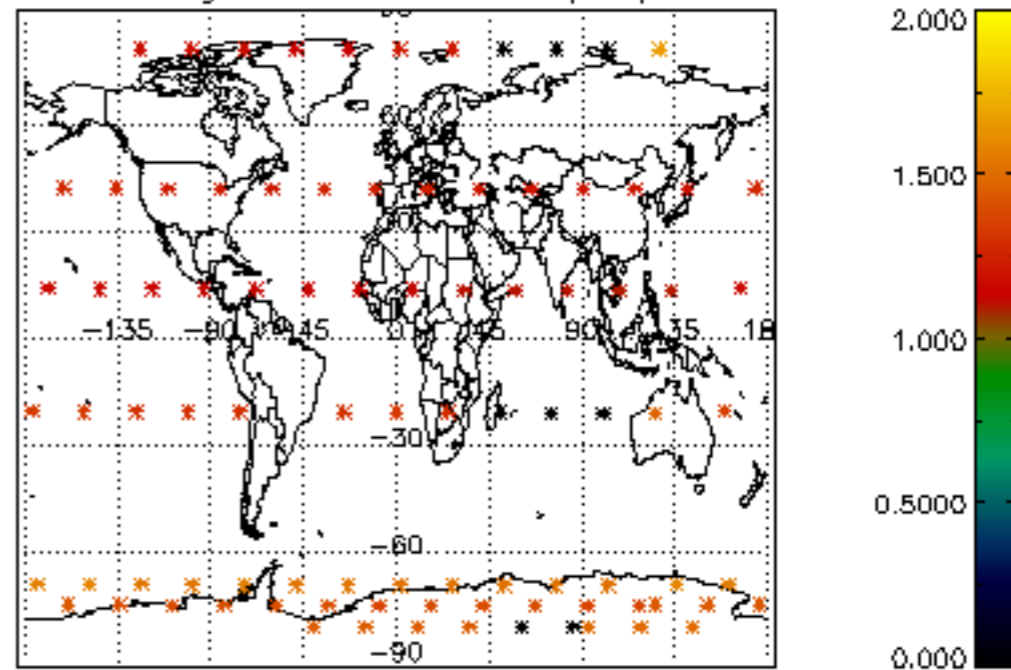
Percentage of saturation errors per profile



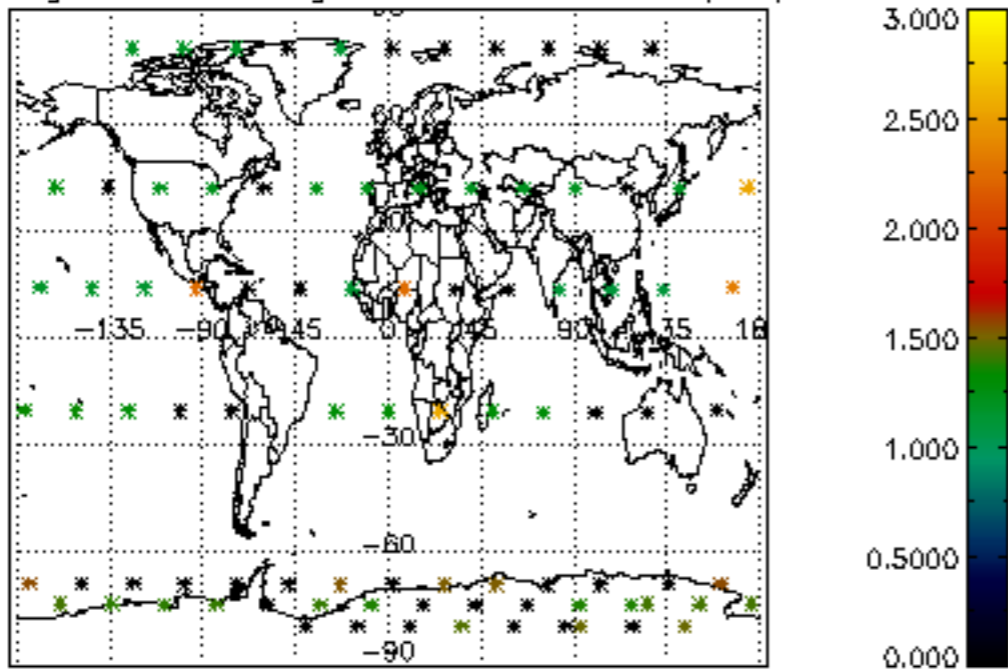
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

