

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 08:52:16
Data source version	GOMOS/6.01
Start time of products	17-04-2009 (17APR2009 00:00:00)
Stop time of products	18-04-2009 (18APR2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	165
Nb of prods with errors	1

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__2PRFIN20090417_000355_000000362078_00145_37273_7950.N1	17-APR-2009 00:03:55	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	37273	No
2	GOM_NL__2PRFIN20090417_001143_000000402078_00145_37273_7951.N1	17-APR-2009 00:11:43	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	37273	No
3	GOM_NL__2PRFIN20090417_002123_000000352078_00145_37273_7952.N1	17-APR-2009 00:21:23	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	37273	No
4	GOM_NL__2PRFIN20090417_003531_000000292078_00145_37273_7953.N1	17-APR-2009 00:35:31	Twilight	29.000	19	50Alp Cyg	1.2460	10500.0	58	37273	No
5	GOM_NL__2PRFIN20090417_003719_000000322078_00145_37273_7954.N1	17-APR-2009 00:37:19	Twilight	32.000	66	37Gam Cyg	2.2080	5900.0	64	37273	No
6	GOM_NL__2PRFIN20090417_003956_000000312078_00145_37273_7955.N1	17-APR-2009 00:39:56	Twilight	30.500	92	53Eps Cyg	2.5000	4500.0	61	37273	No
7	GOM_NL__2PRFIN20090417_004728_000000272078_00145_37273_7956.N1	17-APR-2009 00:47:28	Dark	27.000	61	8Eps Peg	2.1000	3900.0	54	37273	No
8	GOM_NL__2PRFIN20090417_005238_000000292078_00145_37273_7957.N1	17-APR-2009 00:52:38	Dark	28.500	154	22Bet Aqr	2.8990	5700.0	57	37273	No
9	GOM_NL__2PRFIN20090417_011254_000000402078_00146_37274_7982.N1	17-APR-2009 01:12:54	Dark	40.000	38	20Eps Sgr	1.8360	11000.0	80	37274	No
10	GOM_NL__2PRFIN20090417_011453_000000352078_00146_37274_7983.N1	17-APR-2009 01:14:53	Dark	35.000	147	Alp Ara	2.8770	26000.0	70	37274	No
11	GOM_NL__2PRFIN20090417_011645_000000452078_00146_37274_7984.N1	17-APR-2009 01:16:45	Straylight	45.000	25	35Lam Sco	1.6200	28000.0	90	37274	No
12	GOM_NL__2PRFIN20090417_012216_000000342078_00146_37274_7985.N1	17-APR-2009 01:22:16	Straylight	34.000	131	Gam Lup	2.8000	26000.0	68	37274	No
13	GOM_NL__2PRFIN20090417_013225_000000382078_00146_37274_7986.N1	17-APR-2009 01:32:25	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	37274	No
14	GOM_NL__2PRFIN20090417_014430_000000362078_00146_37274_7987.N1	17-APR-2009 01:44:30	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	37274	No
15	GOM_NL__2PRFIN20090417_015218_000000402078_00146_37274_7988.N1	17-APR-2009 01:52:18	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	37274	No
16	GOM_NL__2PRFIN20090417_020159_000000352078_00146_37274_7989.N1	17-APR-2009 02:01:59	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	37274	No
17	GOM_NL__2PRFIN20090417_021607_000000302078_00146_37274_7990.N1	17-APR-2009 02:16:07	Twilight	29.500	19	50Alp Cyg	1.2460	10500.0	59	37274	No
18	GOM_NL__2PRFIN20090417_021755_000000332078_00146_37274_7991.N1	17-APR-2009 02:17:55	Twilight	32.500	66	37Gam Cyg	2.2080	5900.0	65	37274	No
19	GOM_NL__2PRFIN20090417_022032_000000312078_00146_37274_7992.N1	17-APR-2009 02:20:32	Twilight	31.000	92	53Eps Cyg	2.5000	4500.0	62	37274	No
20	GOM_NL__2PRFIN20090417_022804_000000282078_00146_37274_7993.N1	17-APR-2009 02:28:04	Dark	27.500	61	8Eps Peg	2.1000	3900.0	55	37274	No
21	GOM_NL__2PRFIN20090417_023314_000000302078_00146_37274_7994.N1	17-APR-2009 02:33:14	Dark	30.000	154	22Bet Aqr	2.8990	5700.0	60	37274	No
22	GOM_NL__2PRFIN20090417_025331_000000402078_00147_37275_7998.N1	17-APR-2009 02:53:31	Dark	40.000	38	20Eps Sgr	1.8360	11000.0	80	37275	No
23	GOM_NL__2PRFIN20090417_025530_000000352078_00147_37275_7999.N1	17-APR-2009 02:55:30	Dark	35.000	147	Alp Ara	2.8770	26000.0	70	37275	No
24	GOM_NL__2PRFIN20090417_025722_000000452078_00147_37275_8000.N1	17-APR-2009 02:57:22	Straylight	45.000	25	35Lam Sco	1.6200	28000.0	90	37275	No
25	GOM_NL__2PRFIN20090417_030253_000000342078_00147_37275_8001.N1	17-APR-2009 03:02:53	Straylight	34.000	131	Gam Lup	2.8000	26000.0	68	37275	No
26	GOM_NL__2PRFIN20090417_031301_000000382078_00147_37275_8002.N1	17-APR-2009 03:13:01	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	37275	No
27	GOM_NL__2PRFIN20090417_032506_000000362078_00147_37275_8003.N1	17-APR-2009 03:25:06	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	37275	No
28	GOM_NL__2PRFIN20090417_033253_000000392078_00147_37275_8004.N1	17-APR-2009 03:32:53	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	37275	No
29	GOM_NL__2PRFIN20090417_034234_000000342078_00147_37275_8005.N1	17-APR-2009 03:42:34	Twilight	33.500	119	14Eta Dra	2.7270	4700.0	67	37275	No
30	GOM_NL__2PRFIN20090417_035643_000000292078_00147_37275_8006.N1	17-APR-2009 03:56:43	Twilight	28.500	19	50Alp Cyg	1.2460	10500.0	57	37275	No
31	GOM_NL__2PRFIN20090417_035831_000000322078_00147_37275_8007.N1	17-APR-2009 03:58:31	Twilight	32.000	66	37Gam Cyg	2.2080	5900.0	64	37275	No
32	GOM_NL__2PRFIN20090417_040108_000000302078_00147_37275_8008.N1	17-APR-2009 04:01:08	Twilight	30.000	92	53Eps Cyg	2.5000	4500.0	60	37275	No
33	GOM_NL__2PRFIN20090417_040841_000000272078_00147_37275_8009.N1	17-APR-2009 04:08:41	Dark	26.500	61	8Eps Peg	2.1000	3900.0	53	37275	No
34	GOM_NL__2PRFIN20090417_041351_000000292078_00147_37275_8010.N1	17-APR-2009 04:13:51	Dark	29.000	154	22Bet Aqr	2.8990	5700.0	58	37275	No
35	GOM_NL__2PRFIN20090417_043409_000000382078_00148_37276_8009.N1	17-APR-2009 04:34:09	Dark	38.000	38	20Eps Sgr	1.8360	11000.0	76	37276	No
36	GOM_NL__2PRFIN20090417_043607_000000352078_00148_37276_8010.N1	17-APR-2009 04:36:07	Dark	35.000	147	Alp Ara	2.8770	26000.0	70	37276	No
37	GOM_NL__2PRFIN20090417_043759_000000452078_00148_37276_8011.N1	17-APR-2009 04:37:59	Straylight	45.000	25	35Lam Sco	1.6200	28000.0	90	37276	No
38	GOM_NL__2PRFIN20090417_044329_000000342078_00148_37276_8012.N1	17-APR-2009 04:43:29	Straylight	34.000	131	Gam Lup	2.8000	26000.0	68	37276	No
39	GOM_NL__2PRFIN20090417_045337_000000392078_00148_37276_8013.N1	17-APR-2009 04:53:37	Bright	38.500	122	9Alp2Lib	2.7470	9700.0	77	37276	No
40	GOM_NL__2PRFIN20090417_050542_000000362078_00148_37276_8014.N1	17-APR-2009 05:05:42	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	37276	No
41	GOM_NL__2PRFIN20090417_051329_000000392078_00148_37276_8015.N1	17-APR-2009 05:13:29	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	37276	No
42	GOM_NL__2PRFIN20090417_052309_000000342078_00148_37276_8016.N1	17-APR-2009 05:23:09	Twilight	33.500	119	14Eta Dra	2.7270	4700.0	67	37276	No

43	GOM_NL__2PRFIN20090417_053718_000000292078_00148_37276_8017.N1	17-APR-2009 05:37:18	Tw_i_and_stray	29.000	19	50Alp Cyg	1.2460	10500.	58	37276	No
44	GOM_NL__2PRFIN20090417_053907_000000332078_00148_37276_8018.N1	17-APR-2009 05:39:07	Tw_i_and_stray	32.500	66	37Gam Cyg	2.2080	5900.0	65	37276	No
45	GOM_NL__2PRFIN20090417_054144_000000312078_00148_37276_8019.N1	17-APR-2009 05:41:44	Tw_i_and_stray	30.500	92	53Eps Cyg	2.5000	4500.0	61	37276	No
46	GOM_NL__2PRFIN20090417_054917_000000272078_00148_37276_8020.N1	17-APR-2009 05:49:17	Dark	27.000	61	8Eps Peg	2.1000	3900.0	54	37276	No
47	GOM_NL__2PRFIN20090417_055428_000000302078_00148_37276_8021.N1	17-APR-2009 05:54:28	Dark	29.500	154	22Bet Aqr	2.8990	5700.0	59	37276	No
48	GOM_NL__2PRFIN20090417_061446_000000382078_00149_37277_8023.N1	17-APR-2009 06:14:46	Dark	38.000	38	20Eps Sgr	1.8360	11000.	76	37277	No
49	GOM_NL__2PRFIN20090417_061644_000000352078_00149_37277_8024.N1	17-APR-2009 06:16:44	Dark	35.000	147	Alp Ara	2.8770	26000.	70	37277	No
50	GOM_NL__2PRFIN20090417_061837_000000452078_00149_37277_8025.N1	17-APR-2009 06:18:37	Straylight	45.000	25	35Lam Sco	1.6200	28000.	90	37277	No
51	GOM_NL__2PRFIN20090417_062406_000000342078_00149_37277_8026.N1	17-APR-2009 06:24:06	Straylight	34.000	131	Gam Lup	2.8000	26000.	68	37277	No
52	GOM_NL__2PRFIN20090417_063414_000000392078_00149_37277_8027.N1	17-APR-2009 06:34:14	Bright	38.500	122	9Alp2Lib	2.7470	9700.0	77	37277	No
53	GOM_NL__2PRFIN20090417_064617_000000362078_00149_37277_8028.N1	17-APR-2009 06:46:17	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	37277	No
54	GOM_NL__2PRFIN20090417_065404_000000392078_00149_37277_8029.N1	17-APR-2009 06:54:04	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	37277	No
55	GOM_NL__2PRFIN20090417_070345_000000342078_00149_37277_8030.N1	17-APR-2009 07:03:45	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	37277	No
56	GOM_NL__2PRFIN20090417_071754_000000302078_00149_37277_8031.N1	17-APR-2009 07:17:54	Tw_i_and_stray	29.500	19	50Alp Cyg	1.2460	10500.	59	37277	No
57	GOM_NL__2PRFIN20090417_071942_000000332078_00149_37277_8032.N1	17-APR-2009 07:19:42	Tw_i_and_stray	32.500	66	37Gam Cyg	2.2080	5900.0	65	37277	No
58	GOM_NL__2PRFIN20090417_072220_000000312078_00149_37277_8033.N1	17-APR-2009 07:22:20	Tw_i_and_stray	31.000	92	53Eps Cyg	2.5000	4500.0	62	37277	No
59	GOM_NL__2PRFIN20090417_072954_000000282078_00149_37277_8034.N1	17-APR-2009 07:29:54	Dark	27.500	61	8Eps Peg	2.1000	3900.0	55	37277	No
60	GOM_NL__2PRFIN20090417_073504_000000302078_00149_37277_8035.N1	17-APR-2009 07:35:04	Dark	30.000	154	22Bet Aqr	2.8990	5700.0	60	37277	No
61	GOM_NL__2PRFIN20090417_075524_000000372078_00150_37278_8039.N1	17-APR-2009 07:55:24	Dark	37.000	38	20Eps Sgr	1.8360	11000.	74	37278	No
62	GOM_NL__2PRFIN20090417_075720_000000352078_00150_37278_8040.N1	17-APR-2009 07:57:20	Dark	35.000	147	Alp Ara	2.8770	26000.	70	37278	No
63	GOM_NL__2PRFIN20090417_075914_000000452078_00150_37278_8041.N1	17-APR-2009 07:59:14	Straylight	45.000	25	35Lam Sco	1.6200	28000.	90	37278	No
64	GOM_NL__2PRFIN20090417_080443_000000342078_00150_37278_8042.N1	17-APR-2009 08:04:43	Straylight	34.000	131	Gam Lup	2.8000	26000.	68	37278	No
65	GOM_NL__2PRFIN20090417_081450_000000382078_00150_37278_8043.N1	17-APR-2009 08:14:50	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	37278	No
66	GOM_NL__2PRFIN20090417_082653_000000362078_00150_37278_8044.N1	17-APR-2009 08:26:53	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	37278	No
67	GOM_NL__2PRFIN20090417_083439_000000392078_00150_37278_8045.N1	17-APR-2009 08:34:39	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	37278	No
68	GOM_NL__2PRFIN20090417_084420_000000352078_00150_37278_8046.N1	17-APR-2009 08:44:20	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	37278	No
69	GOM_NL__2PRFIN20090417_085830_000000302078_00150_37278_8047.N1	17-APR-2009 08:58:30	Tw_i_and_stray	29.500	19	50Alp Cyg	1.2460	10500.	59	37278	No
70	GOM_NL__2PRFIN20090417_090018_000000322078_00150_37278_8048.N1	17-APR-2009 09:00:18	Tw_i_and_stray	32.000	66	37Gam Cyg	2.2080	5900.0	64	37278	No
71	GOM_NL__2PRFIN20090417_090256_000000312078_00150_37278_8049.N1	17-APR-2009 09:02:56	Tw_i_and_stray	31.000	92	53Eps Cyg	2.5000	4500.0	62	37278	No
72	GOM_NL__2PRFIN20090417_091030_000000282078_00150_37278_8050.N1	17-APR-2009 09:10:30	Dark	27.500	61	8Eps Peg	2.1000	3900.0	55	37278	No
73	GOM_NL__2PRFIN20090417_091541_000000302078_00150_37278_8051.N1	17-APR-2009 09:15:41	Dark	30.000	154	22Bet Aqr	2.8990	5700.0	60	37278	No
74	GOM_NL__2PRFIN20090417_111639_000000352078_00152_37280_8066.N1	17-APR-2009 11:16:39	Dark	35.000	38	20Eps Sgr	1.8360	11000.	70	37280	No
75	GOM_NL__2PRFIN20090417_111834_000000352078_00152_37280_8067.N1	17-APR-2009 11:18:34	Dark	35.000	147	Alp Ara	2.8770	26000.	70	37280	No
76	GOM_NL__2PRFIN20090417_112028_000000452078_00152_37280_8068.N1	17-APR-2009 11:20:28	Straylight	45.000	25	35Lam Sco	1.6200	28000.	90	37280	No
77	GOM_NL__2PRFIN20090417_112556_000000342078_00152_37280_8069.N1	17-APR-2009 11:25:56	Straylight	34.000	131	Gam Lup	2.8000	26000.	68	37280	No
78	GOM_NL__2PRFIN20090417_113602_000000382078_00152_37280_8070.N1	17-APR-2009 11:36:02	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	37280	No
79	GOM_NL__2PRFIN20090417_114803_000000362078_00152_37280_8071.N1	17-APR-2009 11:48:03	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	37280	No
80	GOM_NL__2PRFIN20090417_115549_000000392078_00152_37280_8072.N1	17-APR-2009 11:55:49	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	37280	No
81	GOM_NL__2PRFIN20090417_120530_000000352078_00152_37280_8073.N1	17-APR-2009 12:05:30	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	37280	No
82	GOM_NL__2PRFIN20090417_121941_000000302078_00152_37280_8074.N1	17-APR-2009 12:19:41	Tw_i_and_stray	29.500	19	50Alp Cyg	1.2460	10500.	59	37280	No
83	GOM_NL__2PRFIN20090417_122408_000000322078_00152_37280_8075.N1	17-APR-2009 12:24:08	Tw_i_and_stray	31.500	92	53Eps Cyg	2.5000	4500.0	63	37280	No
84	GOM_NL__2PRFIN20090417_123143_000000282078_00152_37280_8076.N1	17-APR-2009 12:31:43	Dark	27.500	61	8Eps Peg	2.1000	3900.0	55	37280	No
85	GOM_NL__2PRFIN20090417_123654_000000302078_00152_37280_8077.N1	17-APR-2009 12:36:54	Dark	30.000	154	22Bet Aqr	2.8990	5700.0	60	37280	No
86	GOM_NL__2PRFIN20090417_125716_000000352078_00153_37281_8080.N1	17-APR-2009 12:57:16	Dark	35.000	38	20Eps Sgr	1.8360	11000.	70	37281	No
87	GOM_NL__2PRFIN20090417_125911_000000352078_00153_37281_8081.N1	17-APR-2009 12:59:11	Dark	35.000	147	Alp Ara	2.8770	26000.	70	37281	No
88	GOM_NL__2PRFIN20090417_130105_000000452078_00153_37281_8082.N1	17-APR-2009 13:01:05	Straylight	45.000	25	35Lam Sco	1.6200	28000.	90	37281	No
89	GOM_NL__2PRFIN20090417_130632_000000342078_00153_37281_8083.N1	17-APR-2009 13:06:32	Straylight	34.000	131	Gam Lup	2.8000	26000.	68	37281	No
90	GOM_NL__2PRFIN20090417_131638_000000382078_00153_37281_8084.N1	17-APR-2009 13:16:38	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	37281	No
91	GOM_NL__2PRFIN20090417_132839_000000362078_00153_37281_8085.N1	17-APR-2009 13:28:39	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	37281	No
92	GOM_NL__2PRFIN20090417_133624_000000392078_00153_37281_8086.N1	17-APR-2009 13:36:24	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	37281	No
93	GOM_NL__2PRFIN20090417_134605_000000352078_00153_37281_8087.N1	17-APR-2009 13:46:05	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	37281	No
94	GOM_NL__2PRFIN20090417_140017_000000292078_00153_37281_8088.N1	17-APR-2009 14:00:17	Tw_i_and_stray	29.000	19	50Alp Cyg	1.2460	10500.	58	37281	No
95	GOM_NL__2PRFIN20090417_140444_000000312078_00153_37281_8089.N1	17-APR-2009 14:04:44	Tw_i_and_stray	31.000	92	53Eps Cyg	2.5000	4500.0	62	37281	No
96	GOM_NL__2PRFIN20090417_141219_000000282078_00153_37281_8090.N1	17-APR-2009 14:12:19	Dark	27.500	61	8Eps Peg	2.1000	3900.0	55	37281	No
97	GOM_NL__2PRFIN20090417_141731_000000302078_00153_37281_8091.N1	17-APR-2009 14:17:31	Dark	30.000	154	22Bet Aqr	2.8990	5700.0	60	37281	No
98	GOM_NL__2PRFIN20090417_143754_000000332078_00154_37282_8094.N1	17-APR-2009 14:37:54	Dark	33.000	38	20Eps Sgr	1.8360	11000.	66	37282	No
99	GOM_NL__2PRFIN20090417_143948_000000352078_00154_37282_8095.N1	17-APR-2009 14:39:48	Dark	34.500	147	Alp Ara	2.8770	26000.	69	37282	No
100	GOM_NL__2PRFIN20090417_144142_000000452078_00154_37282_8096.N1	17-APR-2009 14:41:42	Straylight	44.500	25	35Lam Sco	1.6200	28000.	89	37282	No
101	GOM_NL__2PRFIN20090417_144709_000000342078_00154_37282_8097.N1	17-APR-2009 14:47:09	Straylight	33.500	131	Gam Lup	2.8000	26000.	67	37282	No

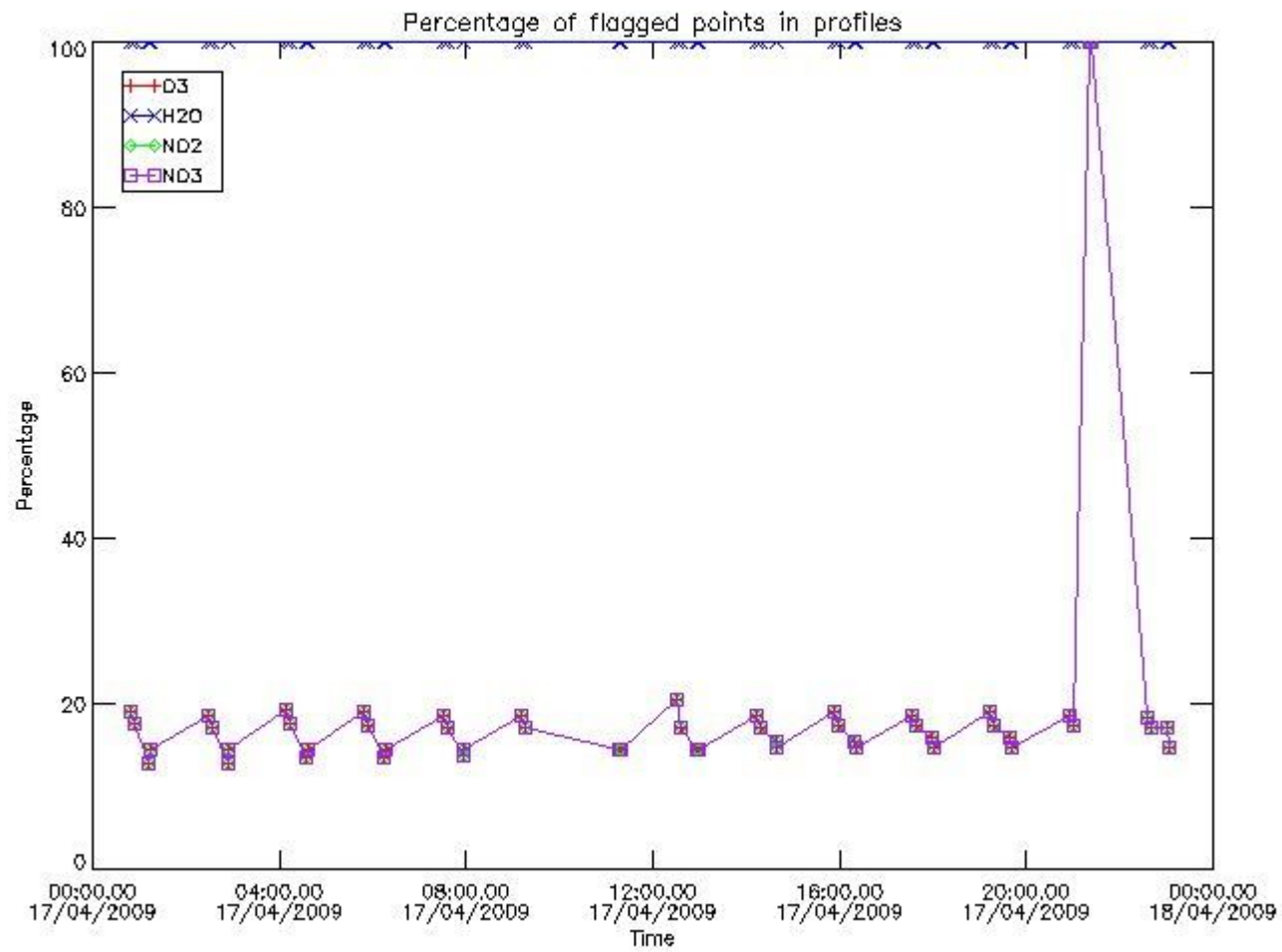
102	GOM_NL__2PRFIN20090417_145714_000000382078_00154_37282_8098.N1	17-APR-2009 14:57:14	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	37282	No
103	GOM_NL__2PRFIN20090417_150914_000000352078_00154_37282_8099.N1	17-APR-2009 15:09:14	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	37282	No
104	GOM_NL__2PRFIN20090417_151659_000000382078_00154_37282_8100.N1	17-APR-2009 15:16:59	Bright	38.000	180	27Gam Boo	3.0400	8000.0	76	37282	No
105	GOM_NL__2PRFIN20090417_152641_000000342078_00154_37282_8101.N1	17-APR-2009 15:26:41	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	37282	No
106	GOM_NL__2PRFIN20090417_154053_000000292078_00154_37282_8102.N1	17-APR-2009 15:40:53	Twi_and_stray	29.000	19	50Alp Cyg	1.2460	10500.	58	37282	No
107	GOM_NL__2PRFIN20090417_154520_000000312078_00154_37282_8103.N1	17-APR-2009 15:45:20	Twi_and_stray	30.500	92	53Eps Cyg	2.5000	4500.0	61	37282	No
108	GOM_NL__2PRFIN20090417_155256_000000272078_00154_37282_8104.N1	17-APR-2009 15:52:56	Dark	27.000	61	8Eps Peg	2.1000	3900.0	54	37282	No
109	GOM_NL__2PRFIN20090417_155807_000000302078_00154_37282_8105.N1	17-APR-2009 15:58:07	Dark	29.500	154	22Bet Aqr	2.8990	5700.0	59	37282	No
110	GOM_NL__2PRFIN20090417_161831_000000332078_00155_37283_8108.N1	17-APR-2009 16:18:31	Dark	33.000	38	20Eps Sgr	1.8360	11000.	66	37283	No
111	GOM_NL__2PRFIN20090417_162024_000000352078_00155_37283_8109.N1	17-APR-2009 16:20:24	Dark	34.500	147	Alp Ara	2.8770	26000.	69	37283	No
112	GOM_NL__2PRFIN20090417_162220_000000452078_00155_37283_8110.N1	17-APR-2009 16:22:20	Straylight	45.000	25	35Lam Sco	1.6200	28000.	90	37283	No
113	GOM_NL__2PRFIN20090417_162746_000000332078_00155_37283_8111.N1	17-APR-2009 16:27:46	Straylight	33.000	131	Gam Lup	2.8000	26000.	66	37283	No
114	GOM_NL__2PRFIN20090417_163750_000000382078_00155_37283_8112.N1	17-APR-2009 16:37:50	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	37283	No
115	GOM_NL__2PRFIN20090417_164950_000000352078_00155_37283_8113.N1	17-APR-2009 16:49:50	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	37283	No
116	GOM_NL__2PRFIN20090417_165735_000000392078_00155_37283_8114.N1	17-APR-2009 16:57:35	Bright	38.500	180	27Gam Boo	3.0400	8000.0	77	37283	No
117	GOM_NL__2PRFIN20090417_170716_000000342078_00155_37283_8115.N1	17-APR-2009 17:07:16	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	37283	No
118	GOM_NL__2PRFIN20090417_172129_000000292078_00155_37283_8116.N1	17-APR-2009 17:21:29	Twi_and_stray	29.000	19	50Alp Cyg	1.2460	10500.	58	37283	No
119	GOM_NL__2PRFIN20090417_172556_000000312078_00155_37283_8117.N1	17-APR-2009 17:25:56	Twi_and_stray	31.000	92	53Eps Cyg	2.5000	4500.0	62	37283	No
120	GOM_NL__2PRFIN20090417_173332_000000282078_00155_37283_8118.N1	17-APR-2009 17:33:32	Dark	27.500	61	8Eps Peg	2.1000	3900.0	55	37283	No
121	GOM_NL__2PRFIN20090417_173844_000000302078_00155_37283_8119.N1	17-APR-2009 17:38:44	Dark	29.500	154	22Bet Aqr	2.8990	5700.0	59	37283	No
122	GOM_NL__2PRFIN20090417_175909_000000322078_00156_37284_8124.N1	17-APR-2009 17:59:09	Dark	32.000	38	20Eps Sgr	1.8360	11000.	64	37284	No
123	GOM_NL__2PRFIN20090417_180101_000000352078_00156_37284_8125.N1	17-APR-2009 18:01:01	Dark	34.500	147	Alp Ara	2.8770	26000.	69	37284	No
124	GOM_NL__2PRFIN20090417_180257_000000442078_00156_37284_8126.N1	17-APR-2009 18:02:57	Straylight	44.000	25	35Lam Sco	1.6200	28000.	88	37284	No
125	GOM_NL__2PRFIN20090417_180822_000000332078_00156_37284_8127.N1	17-APR-2009 18:08:22	Straylight	33.000	131	Gam Lup	2.8000	26000.	66	37284	No
126	GOM_NL__2PRFIN20090417_181826_000000372078_00156_37284_8128.N1	17-APR-2009 18:18:26	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	37284	No
127	GOM_NL__2PRFIN20090417_183025_000000352078_00156_37284_8129.N1	17-APR-2009 18:30:25	Bright	34.500	111	8Eta Boo	2.6800	6000.0	69	37284	No
128	GOM_NL__2PRFIN20090417_183810_000000382078_00156_37284_8130.N1	17-APR-2009 18:38:10	Bright	38.000	180	27Gam Boo	3.0400	8000.0	76	37284	No
129	GOM_NL__2PRFIN20090417_184751_000000342078_00156_37284_8131.N1	17-APR-2009 18:47:51	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	37284	No
130	GOM_NL__2PRFIN20090417_190205_000000292078_00156_37284_8132.N1	17-APR-2009 19:02:05	Twi_and_stray	28.500	19	50Alp Cyg	1.2460	10500.	57	37284	No
131	GOM_NL__2PRFIN20090417_190632_000000312078_00156_37284_8133.N1	17-APR-2009 19:06:32	Twi_and_stray	30.500	92	53Eps Cyg	2.5000	4500.0	61	37284	No
132	GOM_NL__2PRFIN20090417_191409_000000272078_00156_37284_8134.N1	17-APR-2009 19:14:09	Dark	27.000	61	8Eps Peg	2.1000	3900.0	54	37284	No
133	GOM_NL__2PRFIN20090417_191921_000000302078_00156_37284_8135.N1	17-APR-2009 19:19:21	Dark	29.500	154	22Bet Aqr	2.8990	5700.0	59	37284	No
134	GOM_NL__2PRFIN20090417_193946_000000322078_00157_37285_8161.N1	17-APR-2009 19:39:46	Dark	32.000	38	20Eps Sgr	1.8360	11000.	64	37285	No
135	GOM_NL__2PRFIN20090417_194138_000000352078_00157_37285_8162.N1	17-APR-2009 19:41:38	Dark	34.500	147	Alp Ara	2.8770	26000.	69	37285	No
136	GOM_NL__2PRFIN20090417_194334_000000452078_00157_37285_8163.N1	17-APR-2009 19:43:34	Straylight	44.500	25	35Lam Sco	1.6200	28000.	89	37285	No
137	GOM_NL__2PRFIN20090417_194858_000000342078_00157_37285_8164.N1	17-APR-2009 19:48:58	Straylight	33.500	131	Gam Lup	2.8000	26000.	67	37285	No
138	GOM_NL__2PRFIN20090417_195902_000000372078_00157_37285_8165.N1	17-APR-2009 19:59:02	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	37285	No
139	GOM_NL__2PRFIN20090417_201101_000000342078_00157_37285_8166.N1	17-APR-2009 20:11:01	Bright	34.000	111	8Eta Boo	2.6800	6000.0	68	37285	No
140	GOM_NL__2PRFIN20090417_201844_000000382078_00157_37285_8167.N1	17-APR-2009 20:18:44	Bright	38.000	180	27Gam Boo	3.0400	8000.0	76	37285	No
141	GOM_NL__2PRFIN20090417_202827_000000342078_00157_37285_8168.N1	17-APR-2009 20:28:27	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	37285	No
142	GOM_NL__2PRFIN20090417_204240_000000292078_00157_37285_8169.N1	17-APR-2009 20:42:40	Twi_and_stray	28.500	19	50Alp Cyg	1.2460	10500.	57	37285	No
143	GOM_NL__2PRFIN20090417_204708_000000322078_00157_37285_8170.N1	17-APR-2009 20:47:08	Twi_and_stray	31.500	92	53Eps Cyg	2.5000	4500.0	63	37285	No
144	GOM_NL__2PRFIN20090417_205445_000000282078_00157_37285_8171.N1	17-APR-2009 20:54:45	Dark	27.500	61	8Eps Peg	2.1000	3900.0	55	37285	No
145	GOM_NL__2PRFIN20090417_205958_000000302078_00157_37285_8172.N1	17-APR-2009 20:59:58	Dark	29.500	154	22Bet Aqr	2.8990	5700.0	59	37285	No
146	GOM_NL__2PRFIN20090417_212023_000000072078_00158_37286_8177.N1	17-APR-2009 21:20:23	Dark	6.5000	38	20Eps Sgr	1.8360	11000.	13	37286	No
147	GOM_NL__2PRFIN20090417_212215_000000042078_00158_37286_8178.N1	17-APR-2009 21:22:15	Dark	4.0000	147	Alp Ara	2.8770	26000.	8	37286	No
148	GOM_NL__2PRFIN20090417_212411_000000052078_00158_37286_8179.N1	17-APR-2009 21:24:11	Dark	5.0000	25	35Lam Sco	1.6200	28000.	10	37286	No
149	GOM_NL__2PRFIN20090417_212935_000000032078_00158_37286_8180.N1	17-APR-2009 21:29:35	Straylight	2.5000	131	Gam Lup	2.8000	26000.	5	37286	No
150	GOM_NL__2PRFIN20090417_213937_000000022078_00158_37286_8181.N1	17-APR-2009 21:39:37	Dark	1.5000	122	9Alp2Lib	2.7470	9700.0	3	37286	Yes
151	GOM_NL__2PRFIN20090417_215136_000000042078_00158_37286_8182.N1	17-APR-2009 21:51:36	Straylight	3.5000	111	8Eta Boo	2.6800	6000.0	7	37286	No
152	GOM_NL__2PRFIN20090417_215920_000000052078_00158_37286_8183.N1	17-APR-2009 21:59:20	Straylight	4.5000	180	27Gam Boo	3.0400	8000.0	9	37286	No
153	GOM_NL__2PRFIN20090417_220902_000000022078_00158_37286_8184.N1	17-APR-2009 22:09:02	Straylight	2.0000	119	14Eta Dra	2.7270	4700.0	4	37286	No
154	GOM_NL__2PRFIN20090417_222316_000000302078_00158_37286_8185.N1	17-APR-2009 22:23:16	Twi_and_stray	29.500	19	50Alp Cyg	1.2460	10500.	59	37286	No
155	GOM_NL__2PRFIN20090417_222744_000000322078_00158_37286_8186.N1	17-APR-2009 22:27:44	Twi_and_stray	31.500	92	53Eps Cyg	2.5000	4500.0	63	37286	No
156	GOM_NL__2PRFIN20090417_223521_000000282078_00158_37286_8187.N1	17-APR-2009 22:35:21	Dark	28.000	61	8Eps Peg	2.1000	3900.0	56	37286	No
157	GOM_NL__2PRFIN20090417_224034_000000302078_00158_37286_8188.N1	17-APR-2009 22:40:34	Dark	30.000	154	22Bet Aqr	2.8990	5700.0	60	37286	No
158	GOM_NL__2PRFIN20090417_230101_000000302078_00159_37287_8196.N1	17-APR-2009 23:01:01	Dark	30.000	38	20Eps Sgr	1.8360	11000.	60	37287	No
159	GOM_NL__2PRFIN20090417_230252_000000352078_00159_37287_8197.N1	17-APR-2009 23:02:52	Dark	34.500	147	Alp Ara	2.8770	26000.	69	37287	No
160	GOM_NL__2PRFIN20090417_230448_000000442078_00159_37287_8198.N1	17-APR-2009 23:04:48	Straylight	44.000	25	35Lam Sco	1.6200	28000.	88	37287	No

161	GOM_NL__2PRFIN20090417_231012_000000332078_00159_37287_8199.N1	17-APR-2009 23:10:12	Straylight	33.000	131	Gam Lup	2.8000	26000.	66	37287	No
162	GOM_NL__2PRFIN20090417_232014_000000372078_00159_37287_8200.N1	17-APR-2009 23:20:14	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	37287	No
163	GOM_NL__2PRFIN20090417_233212_000000352078_00159_37287_8201.N1	17-APR-2009 23:32:12	Bright	34.500	111	8Eta Boo	2.6800	6000.0	69	37287	No
164	GOM_NL__2PRFIN20090417_233955_000000382078_00159_37287_8202.N1	17-APR-2009 23:39:55	Bright	38.000	180	27Gam Boo	3.0400	8000.0	76	37287	No
165	GOM_NL__2PRFIN20090417_234937_000000342078_00159_37287_8203.N1	17-APR-2009 23:49:37	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	37287	No

3. Quality information per product

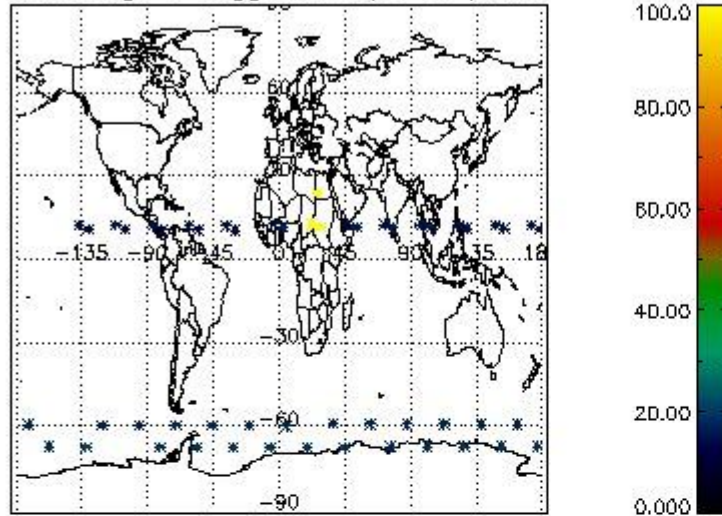
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

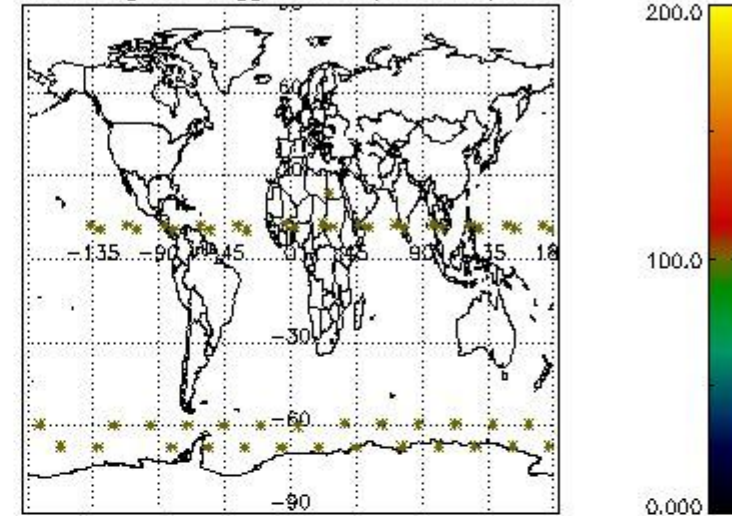


3.2 Plot quality information per product (world map)

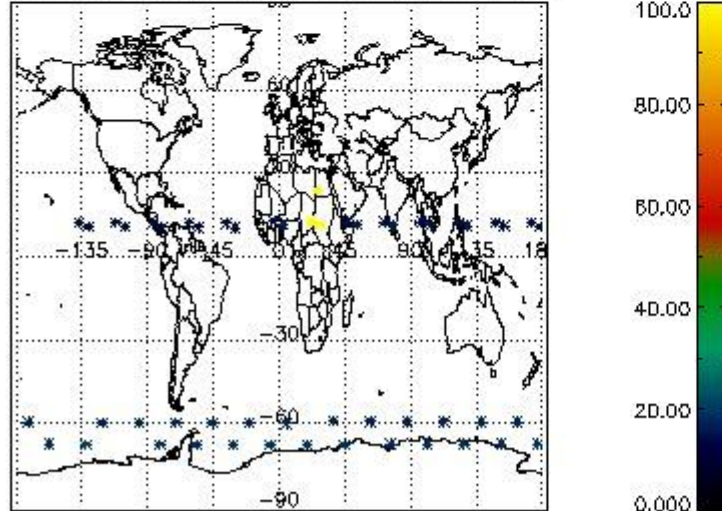
Percentage of flagged data per O3 profile



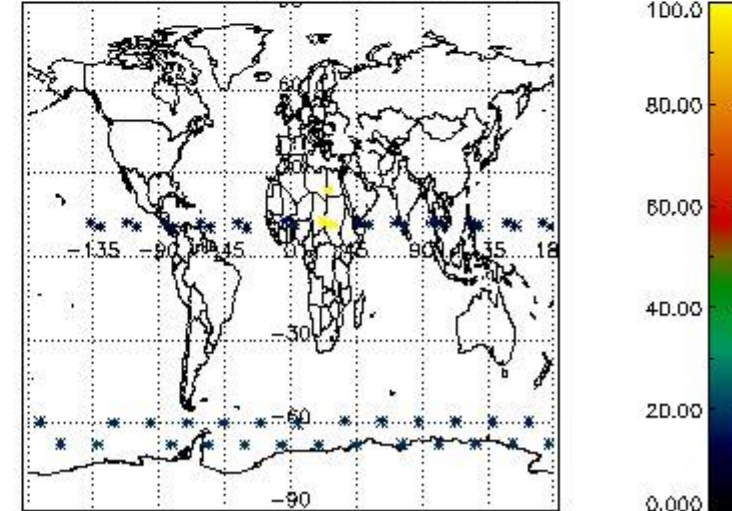
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

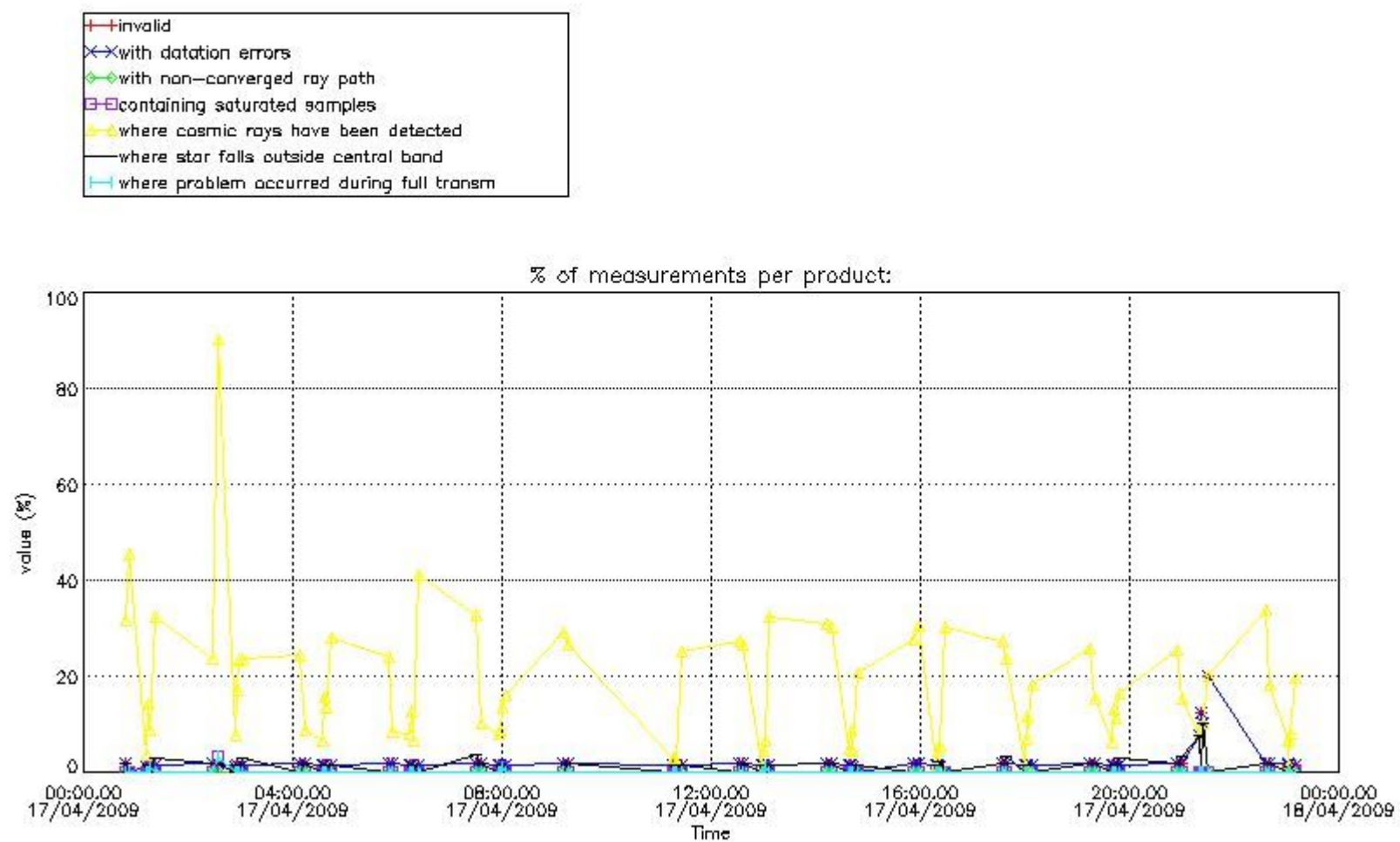


4. Level 1 quality information per product

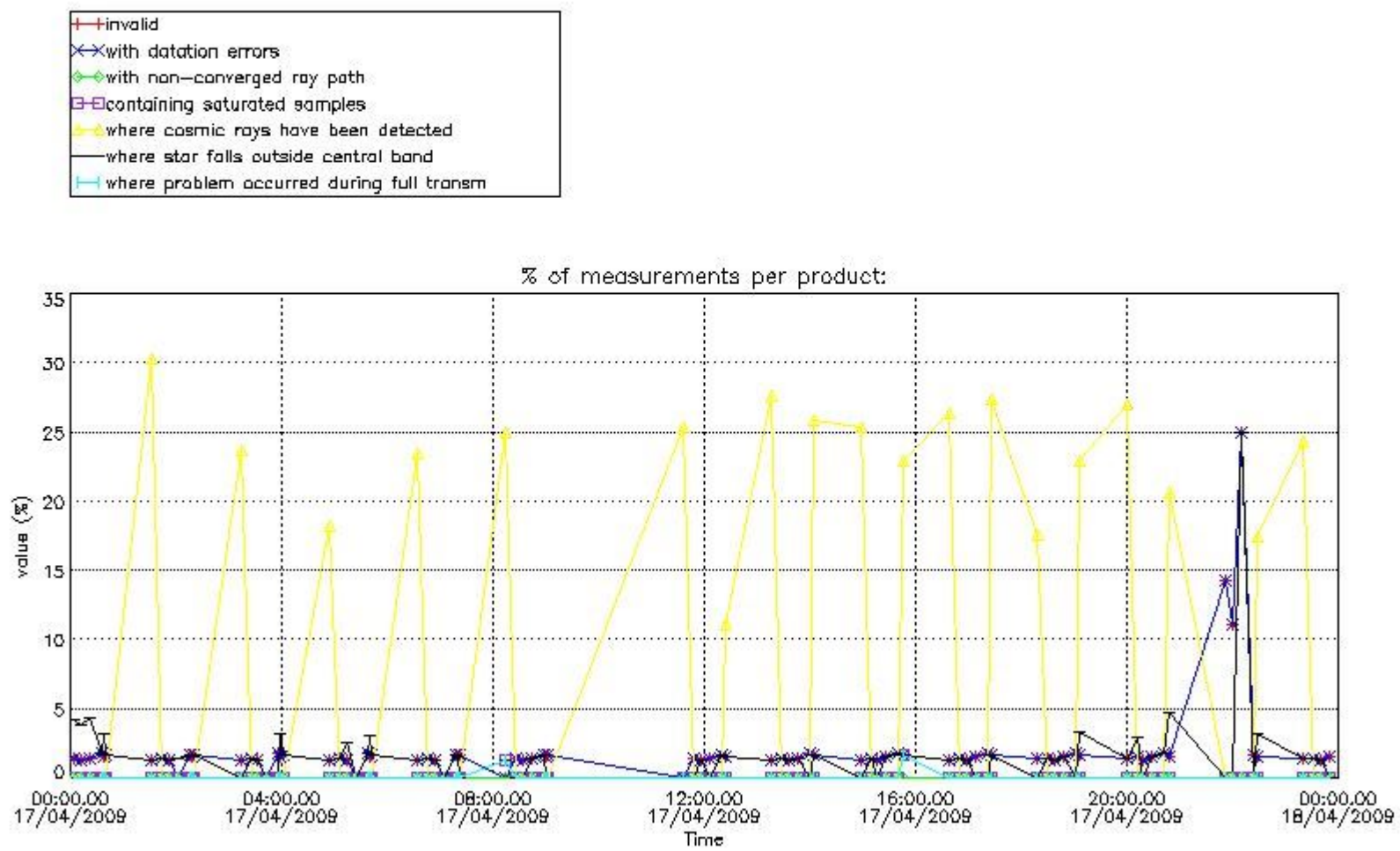
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



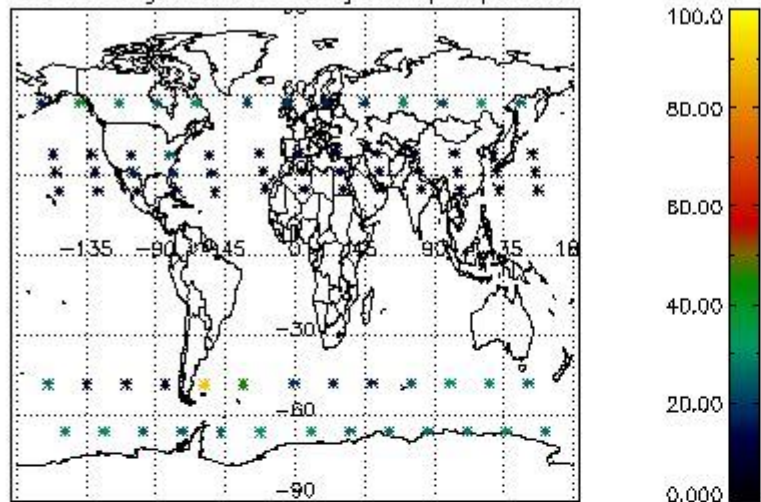
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



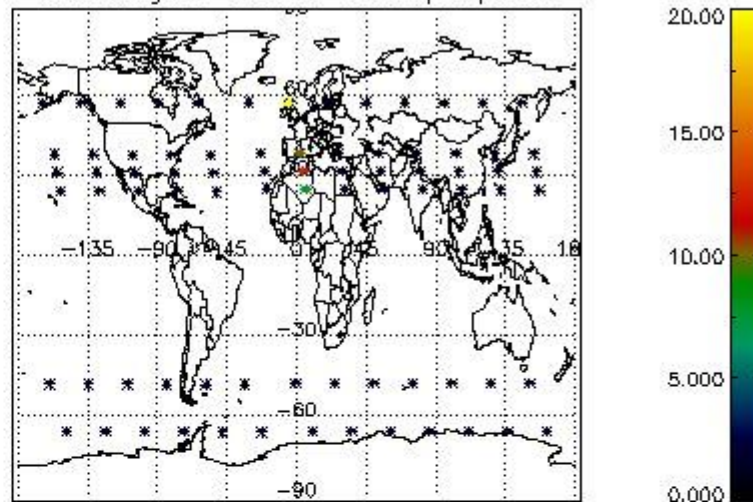
4.2 Plot quality information per product coming from level 1b processing (world map)

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

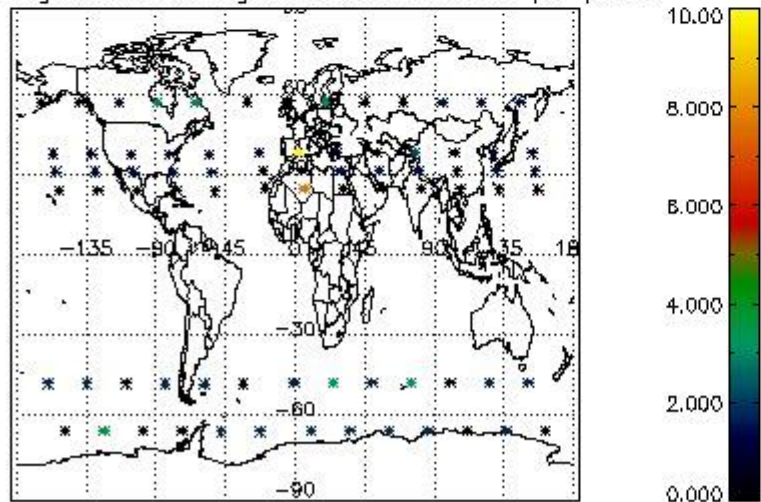
Percentage of cosmic ray hits per profile



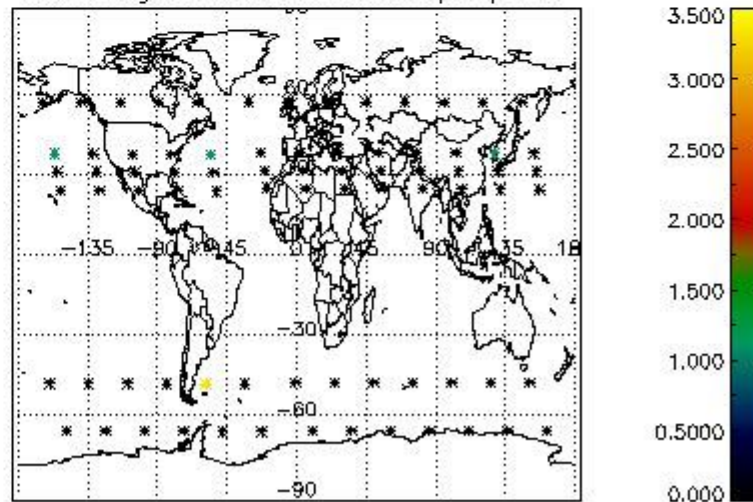
Percentage of datation errors per profile



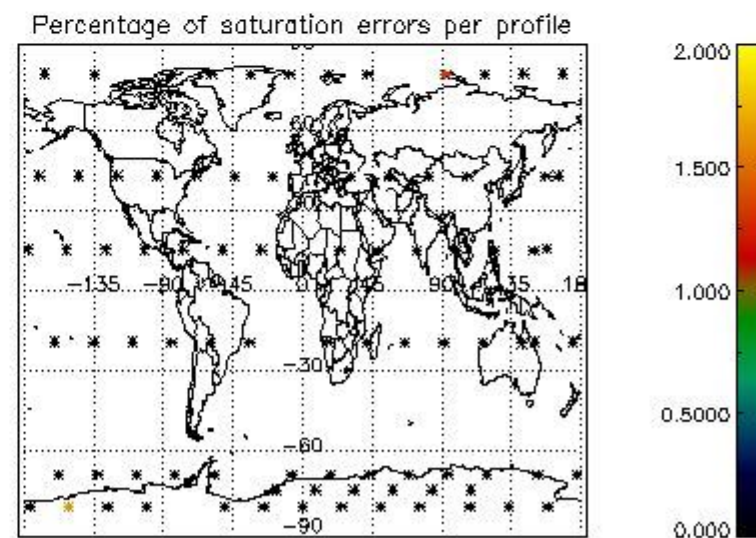
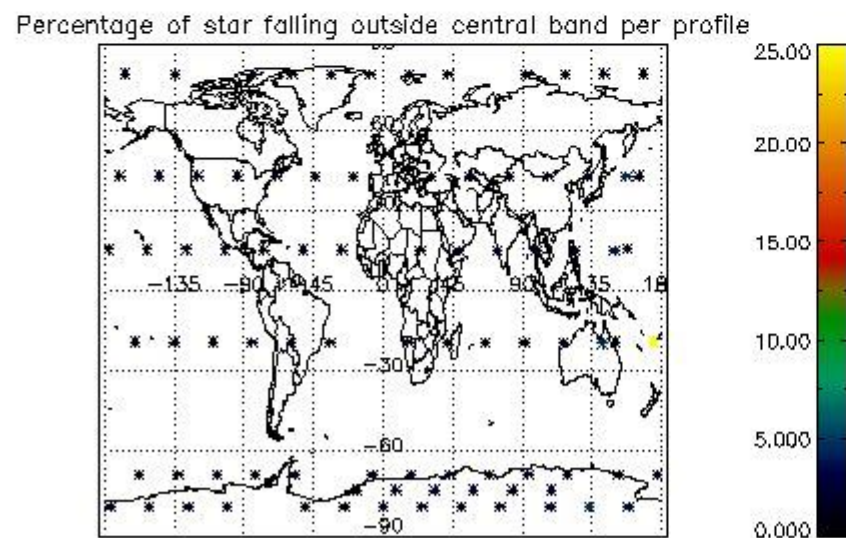
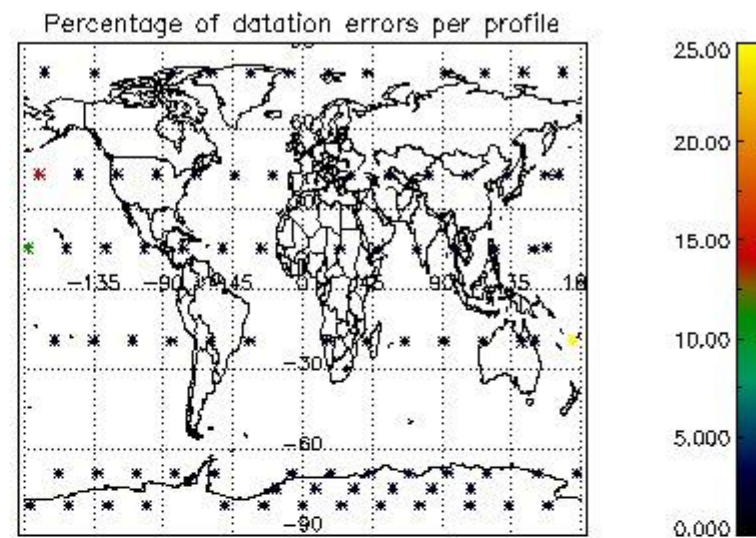
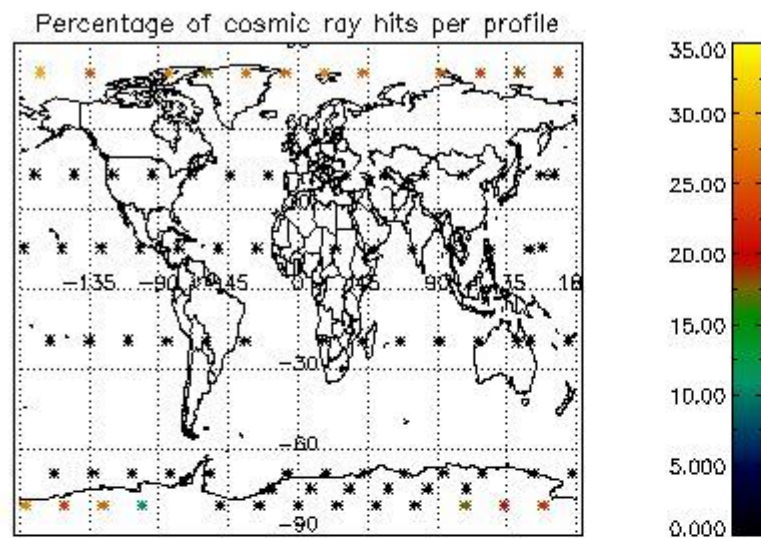
Percentage of star falling outside central band per profile



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

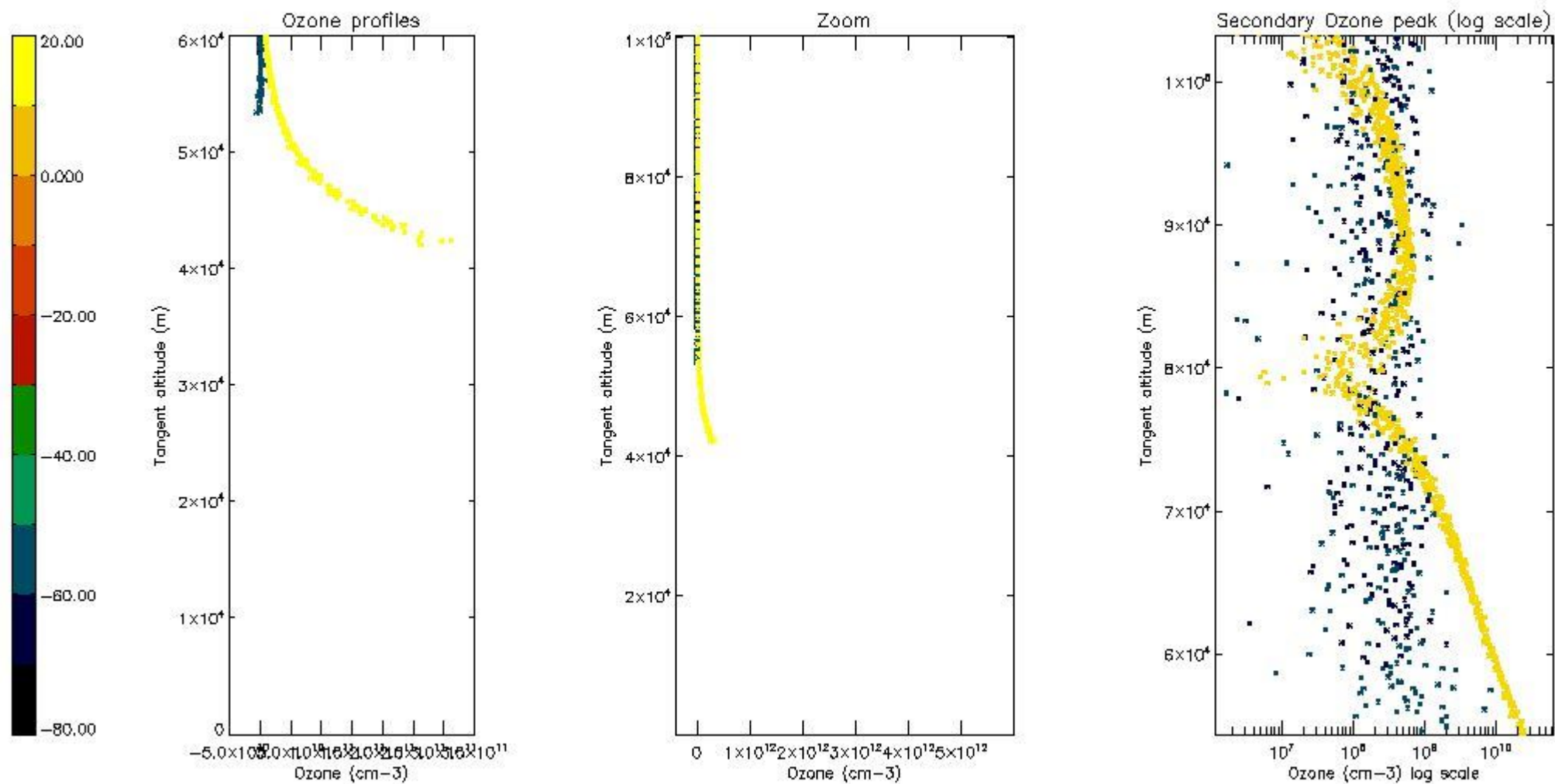
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	29
STD < 20	8

STD < 10	4
STD < 5	3

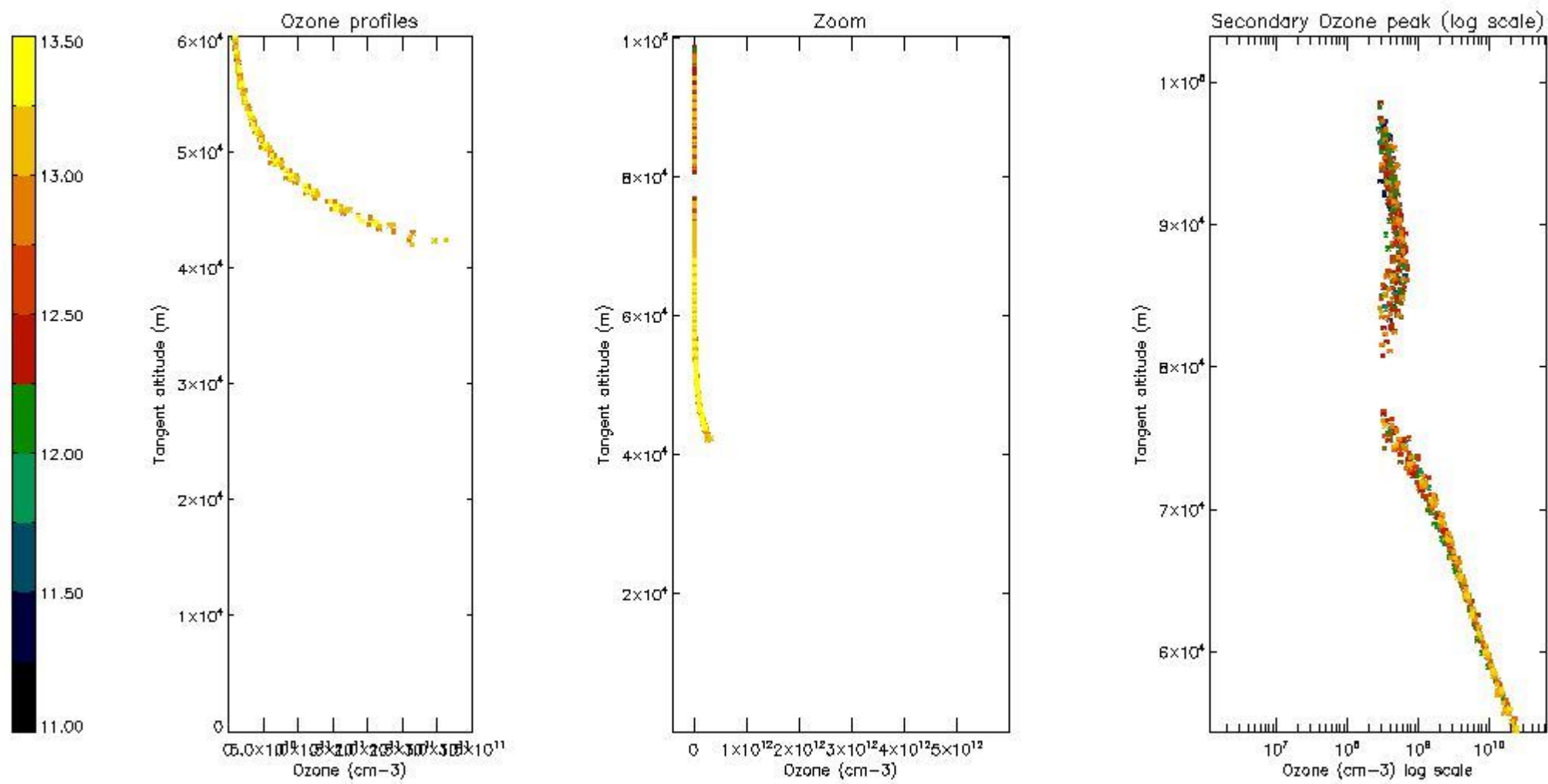
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



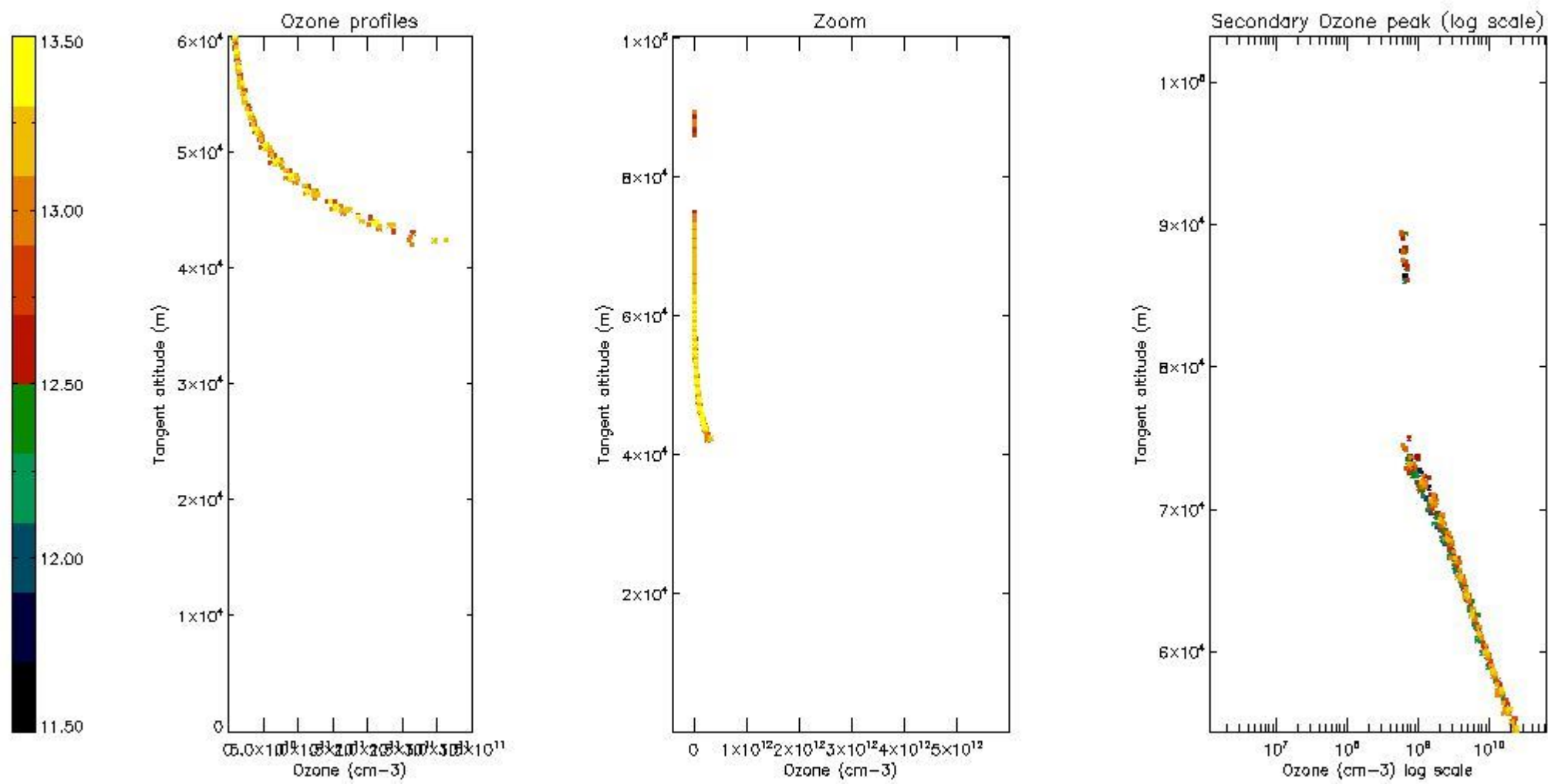
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



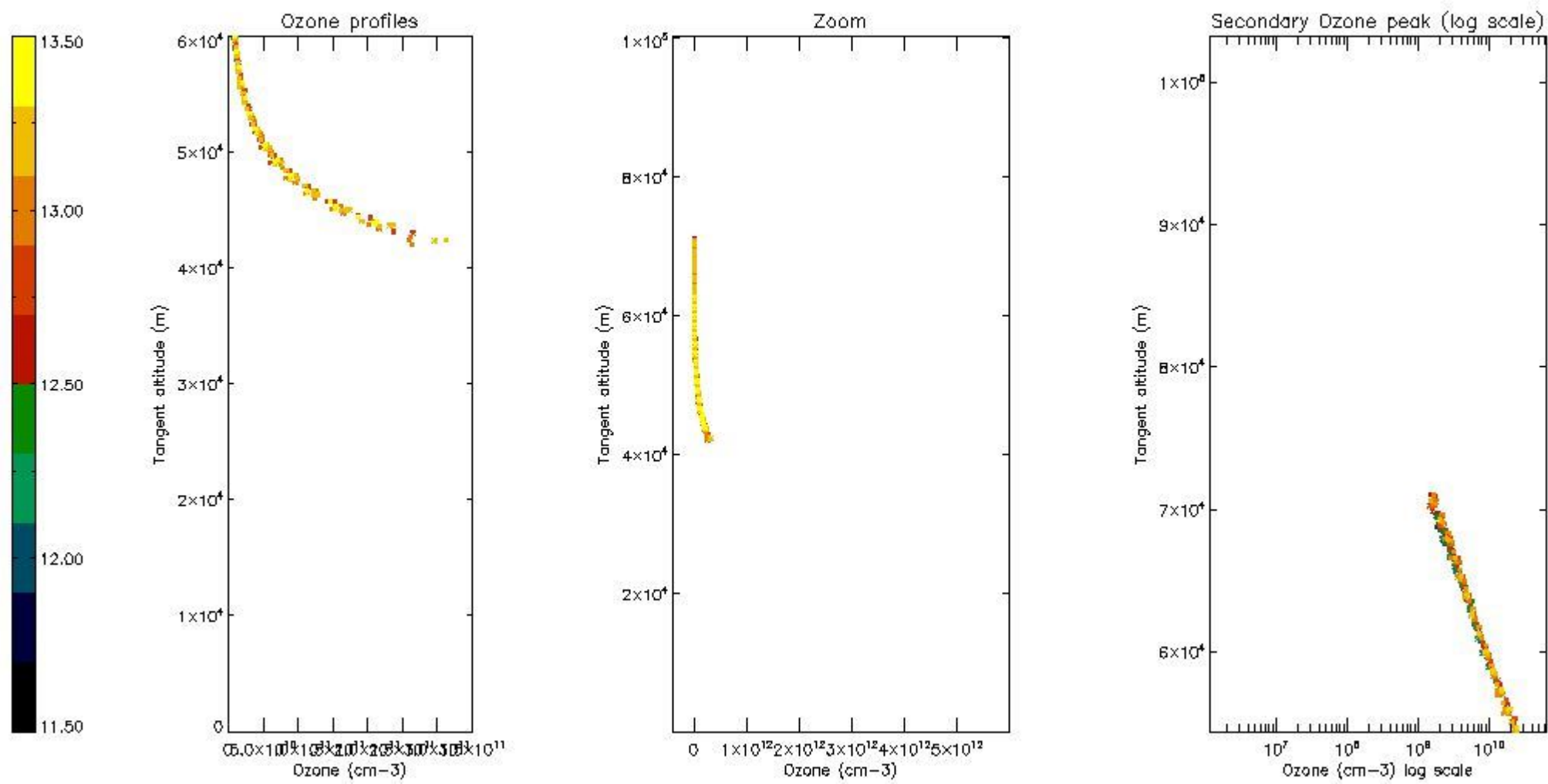
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



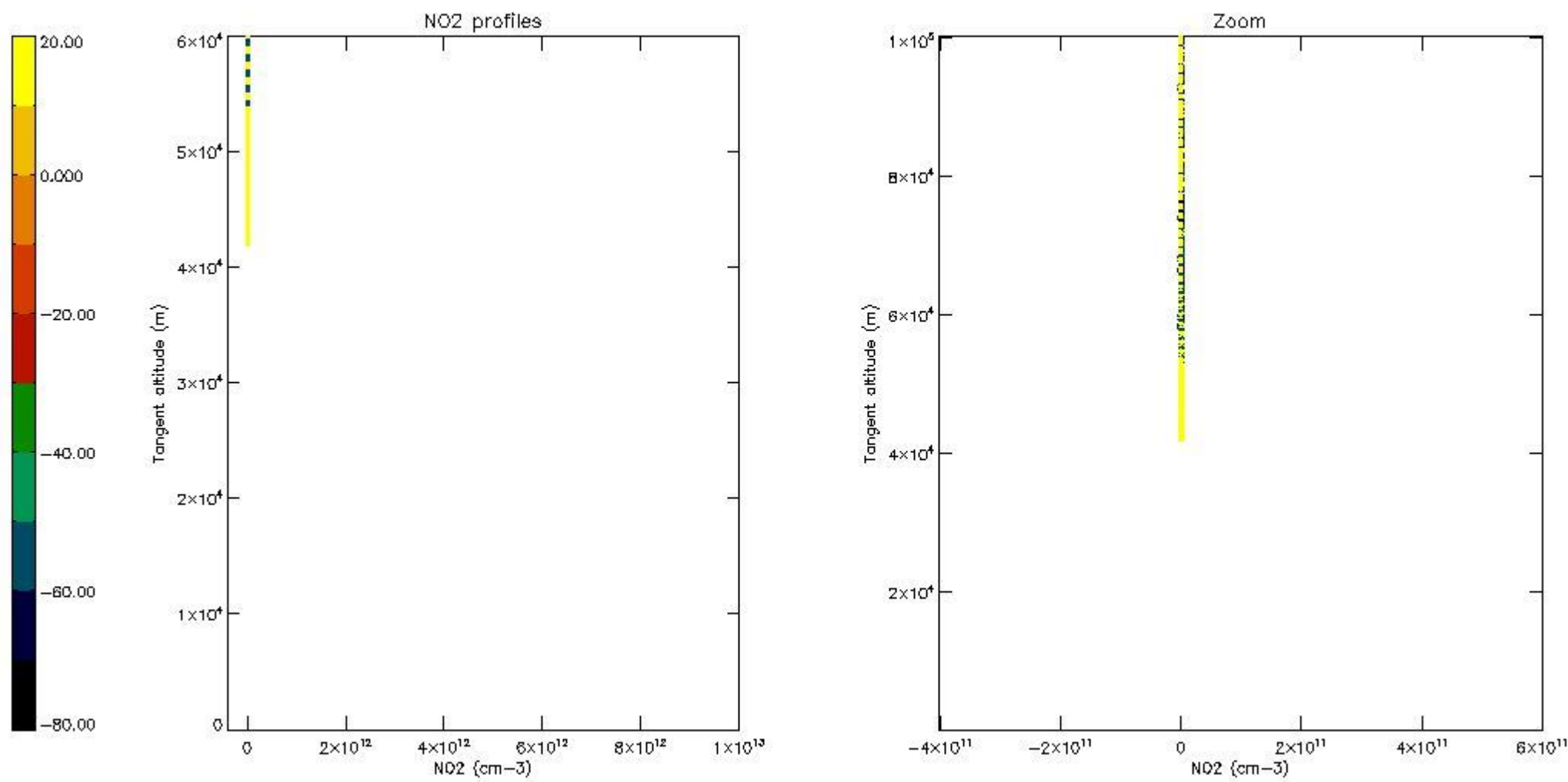
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



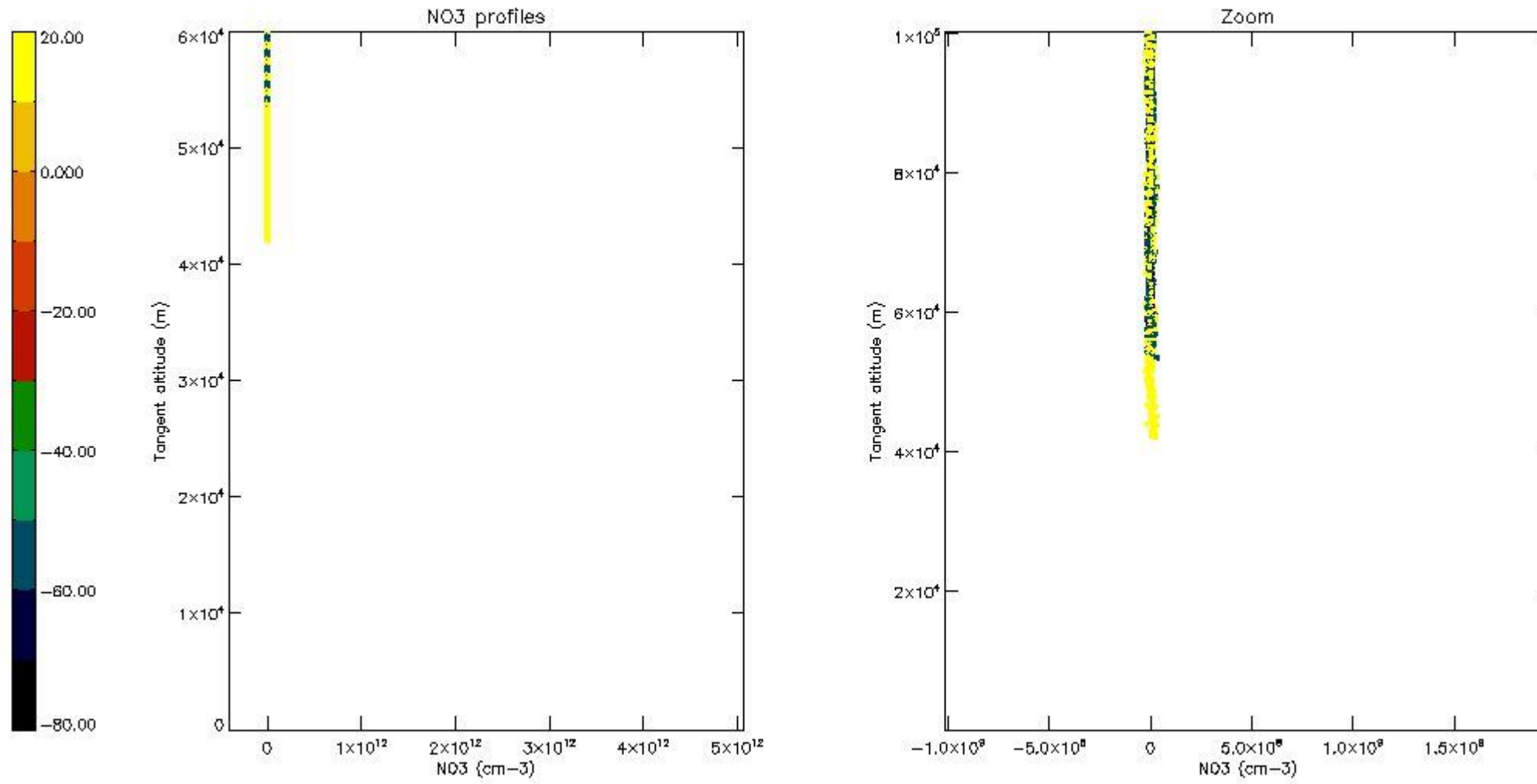
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	17-APR-2009 00:03:55
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	17-APR-2009 00:03:55
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	17-APR-2009 00:03:55

GOMOS Level 2 Daily Report

SUMMARY

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[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 08:52:16
Data source version	GOMOS/6.01
Start time of products	17-04-2009 (17APR2009 00:00:00)
Stop time of products	18-04-2009 (18APR2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	165
Nb of prods with errors	1

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__2PRFIN20090417_000355_000000362078_00145_37273_7950.N1	17-APR-2009 00:03:55	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	37273	No
2	GOM_NL__2PRFIN20090417_001143_000000402078_00145_37273_7951.N1	17-APR-2009 00:11:43	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	37273	No
3	GOM_NL__2PRFIN20090417_002123_000000352078_00145_37273_7952.N1	17-APR-2009 00:21:23	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	37273	No
4	GOM_NL__2PRFIN20090417_003531_000000292078_00145_37273_7953.N1	17-APR-2009 00:35:31	Twilight	29.000	19	50Alp Cyg	1.2460	10500.0	58	37273	No
5	GOM_NL__2PRFIN20090417_003719_000000322078_00145_37273_7954.N1	17-APR-2009 00:37:19	Twilight	32.000	66	37Gam Cyg	2.2080	5900.0	64	37273	No
6	GOM_NL__2PRFIN20090417_003956_000000312078_00145_37273_7955.N1	17-APR-2009 00:39:56	Twilight	30.500	92	53Eps Cyg	2.5000	4500.0	61	37273	No
7	GOM_NL__2PRFIN20090417_004728_000000272078_00145_37273_7956.N1	17-APR-2009 00:47:28	Dark	27.000	61	8Eps Peg	2.1000	3900.0	54	37273	No
8	GOM_NL__2PRFIN20090417_005238_000000292078_00145_37273_7957.N1	17-APR-2009 00:52:38	Dark	28.500	154	22Bet Aqr	2.8990	5700.0	57	37273	No
9	GOM_NL__2PRFIN20090417_011254_000000402078_00146_37274_7982.N1	17-APR-2009 01:12:54	Dark	40.000	38	20Eps Sgr	1.8360	11000.0	80	37274	No
10	GOM_NL__2PRFIN20090417_011453_000000352078_00146_37274_7983.N1	17-APR-2009 01:14:53	Dark	35.000	147	Alp Ara	2.8770	26000.0	70	37274	No
11	GOM_NL__2PRFIN20090417_011645_000000452078_00146_37274_7984.N1	17-APR-2009 01:16:45	Straylight	45.000	25	35Lam Sco	1.6200	28000.0	90	37274	No
12	GOM_NL__2PRFIN20090417_012216_000000342078_00146_37274_7985.N1	17-APR-2009 01:22:16	Straylight	34.000	131	Gam Lup	2.8000	26000.0	68	37274	No
13	GOM_NL__2PRFIN20090417_013225_000000382078_00146_37274_7986.N1	17-APR-2009 01:32:25	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	37274	No
14	GOM_NL__2PRFIN20090417_014430_000000362078_00146_37274_7987.N1	17-APR-2009 01:44:30	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	37274	No
15	GOM_NL__2PRFIN20090417_015218_000000402078_00146_37274_7988.N1	17-APR-2009 01:52:18	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	37274	No
16	GOM_NL__2PRFIN20090417_020159_000000352078_00146_37274_7989.N1	17-APR-2009 02:01:59	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	37274	No
17	GOM_NL__2PRFIN20090417_021607_000000302078_00146_37274_7990.N1	17-APR-2009 02:16:07	Twilight	29.500	19	50Alp Cyg	1.2460	10500.0	59	37274	No
18	GOM_NL__2PRFIN20090417_021755_000000332078_00146_37274_7991.N1	17-APR-2009 02:17:55	Twilight	32.500	66	37Gam Cyg	2.2080	5900.0	65	37274	No
19	GOM_NL__2PRFIN20090417_022032_000000312078_00146_37274_7992.N1	17-APR-2009 02:20:32	Twilight	31.000	92	53Eps Cyg	2.5000	4500.0	62	37274	No
20	GOM_NL__2PRFIN20090417_022804_000000282078_00146_37274_7993.N1	17-APR-2009 02:28:04	Dark	27.500	61	8Eps Peg	2.1000	3900.0	55	37274	No
21	GOM_NL__2PRFIN20090417_023314_000000302078_00146_37274_7994.N1	17-APR-2009 02:33:14	Dark	30.000	154	22Bet Aqr	2.8990	5700.0	60	37274	No
22	GOM_NL__2PRFIN20090417_025331_000000402078_00147_37275_7998.N1	17-APR-2009 02:53:31	Dark	40.000	38	20Eps Sgr	1.8360	11000.0	80	37275	No
23	GOM_NL__2PRFIN20090417_025530_000000352078_00147_37275_7999.N1	17-APR-2009 02:55:30	Dark	35.000	147	Alp Ara	2.8770	26000.0	70	37275	No
24	GOM_NL__2PRFIN20090417_025722_000000452078_00147_37275_8000.N1	17-APR-2009 02:57:22	Straylight	45.000	25	35Lam Sco	1.6200	28000.0	90	37275	No
25	GOM_NL__2PRFIN20090417_030253_000000342078_00147_37275_8001.N1	17-APR-2009 03:02:53	Straylight	34.000	131	Gam Lup	2.8000	26000.0	68	37275	No
26	GOM_NL__2PRFIN20090417_031301_000000382078_00147_37275_8002.N1	17-APR-2009 03:13:01	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	37275	No
27	GOM_NL__2PRFIN20090417_032506_000000362078_00147_37275_8003.N1	17-APR-2009 03:25:06	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	37275	No
28	GOM_NL__2PRFIN20090417_033253_000000392078_00147_37275_8004.N1	17-APR-2009 03:32:53	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	37275	No
29	GOM_NL__2PRFIN20090417_034234_000000342078_00147_37275_8005.N1	17-APR-2009 03:42:34	Twilight	33.500	119	14Eta Dra	2.7270	4700.0	67	37275	No
30	GOM_NL__2PRFIN20090417_035643_000000292078_00147_37275_8006.N1	17-APR-2009 03:56:43	Twilight	28.500	19	50Alp Cyg	1.2460	10500.0	57	37275	No
31	GOM_NL__2PRFIN20090417_035831_000000322078_00147_37275_8007.N1	17-APR-2009 03:58:31	Twilight	32.000	66	37Gam Cyg	2.2080	5900.0	64	37275	No
32	GOM_NL__2PRFIN20090417_040108_000000302078_00147_37275_8008.N1	17-APR-2009 04:01:08	Twilight	30.000	92	53Eps Cyg	2.5000	4500.0	60	37275	No
33	GOM_NL__2PRFIN20090417_040841_000000272078_00147_37275_8009.N1	17-APR-2009 04:08:41	Dark	26.500	61	8Eps Peg	2.1000	3900.0	53	37275	No
34	GOM_NL__2PRFIN20090417_041351_000000292078_00147_37275_8010.N1	17-APR-2009 04:13:51	Dark	29.000	154	22Bet Aqr	2.8990	5700.0	58	37275	No
35	GOM_NL__2PRFIN20090417_043409_000000382078_00148_37276_8009.N1	17-APR-2009 04:34:09	Dark	38.000	38	20Eps Sgr	1.8360	11000.0	76	37276	No
36	GOM_NL__2PRFIN20090417_043607_000000352078_00148_37276_8010.N1	17-APR-2009 04:36:07	Dark	35.000	147	Alp Ara	2.8770	26000.0	70	37276	No
37	GOM_NL__2PRFIN20090417_043759_000000452078_00148_37276_8011.N1	17-APR-2009 04:37:59	Straylight	45.000	25	35Lam Sco	1.6200	28000.0	90	37276	No
38	GOM_NL__2PRFIN20090417_044329_000000342078_00148_37276_8012.N1	17-APR-2009 04:43:29	Straylight	34.000	131	Gam Lup	2.8000	26000.0	68	37276	No
39	GOM_NL__2PRFIN20090417_045337_000000392078_00148_37276_8013.N1	17-APR-2009 04:53:37	Bright	38.500	122	9Alp2Lib	2.7470	9700.0	77	37276	No
40	GOM_NL__2PRFIN20090417_050542_000000362078_00148_37276_8014.N1	17-APR-2009 05:05:42	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	37276	No
41	GOM_NL__2PRFIN20090417_051329_000000392078_00148_37276_8015.N1	17-APR-2009 05:13:29	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	37276	No
42	GOM_NL__2PRFIN20090417_052309_000000342078_00148_37276_8016.N1	17-APR-2009 05:23:09	Twilight	33.500	119	14Eta Dra	2.7270	4700.0	67	37276	No

43	GOM_NL__2PRFIN20090417_053718_000000292078_00148_37276_8017.N1	17-APR-2009 05:37:18	Tw_i_and_stray	29.000	19	50Alp Cyg	1.2460	10500.	58	37276	No
44	GOM_NL__2PRFIN20090417_053907_000000332078_00148_37276_8018.N1	17-APR-2009 05:39:07	Tw_i_and_stray	32.500	66	37Gam Cyg	2.2080	5900.0	65	37276	No
45	GOM_NL__2PRFIN20090417_054144_000000312078_00148_37276_8019.N1	17-APR-2009 05:41:44	Tw_i_and_stray	30.500	92	53Eps Cyg	2.5000	4500.0	61	37276	No
46	GOM_NL__2PRFIN20090417_054917_000000272078_00148_37276_8020.N1	17-APR-2009 05:49:17	Dark	27.000	61	8Eps Peg	2.1000	3900.0	54	37276	No
47	GOM_NL__2PRFIN20090417_055428_000000302078_00148_37276_8021.N1	17-APR-2009 05:54:28	Dark	29.500	154	22Bet Aqr	2.8990	5700.0	59	37276	No
48	GOM_NL__2PRFIN20090417_061446_000000382078_00149_37277_8023.N1	17-APR-2009 06:14:46	Dark	38.000	38	20Eps Sgr	1.8360	11000.	76	37277	No
49	GOM_NL__2PRFIN20090417_061644_000000352078_00149_37277_8024.N1	17-APR-2009 06:16:44	Dark	35.000	147	Alp Ara	2.8770	26000.	70	37277	No
50	GOM_NL__2PRFIN20090417_061837_000000452078_00149_37277_8025.N1	17-APR-2009 06:18:37	Straylight	45.000	25	35Lam Sco	1.6200	28000.	90	37277	No
51	GOM_NL__2PRFIN20090417_062406_000000342078_00149_37277_8026.N1	17-APR-2009 06:24:06	Straylight	34.000	131	Gam Lup	2.8000	26000.	68	37277	No
52	GOM_NL__2PRFIN20090417_063414_000000392078_00149_37277_8027.N1	17-APR-2009 06:34:14	Bright	38.500	122	9Alp2Lib	2.7470	9700.0	77	37277	No
53	GOM_NL__2PRFIN20090417_064617_000000362078_00149_37277_8028.N1	17-APR-2009 06:46:17	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	37277	No
54	GOM_NL__2PRFIN20090417_065404_000000392078_00149_37277_8029.N1	17-APR-2009 06:54:04	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	37277	No
55	GOM_NL__2PRFIN20090417_070345_000000342078_00149_37277_8030.N1	17-APR-2009 07:03:45	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	37277	No
56	GOM_NL__2PRFIN20090417_071754_000000302078_00149_37277_8031.N1	17-APR-2009 07:17:54	Tw_i_and_stray	29.500	19	50Alp Cyg	1.2460	10500.	59	37277	No
57	GOM_NL__2PRFIN20090417_071942_000000332078_00149_37277_8032.N1	17-APR-2009 07:19:42	Tw_i_and_stray	32.500	66	37Gam Cyg	2.2080	5900.0	65	37277	No
58	GOM_NL__2PRFIN20090417_072220_000000312078_00149_37277_8033.N1	17-APR-2009 07:22:20	Tw_i_and_stray	31.000	92	53Eps Cyg	2.5000	4500.0	62	37277	No
59	GOM_NL__2PRFIN20090417_072954_000000282078_00149_37277_8034.N1	17-APR-2009 07:29:54	Dark	27.500	61	8Eps Peg	2.1000	3900.0	55	37277	No
60	GOM_NL__2PRFIN20090417_073504_000000302078_00149_37277_8035.N1	17-APR-2009 07:35:04	Dark	30.000	154	22Bet Aqr	2.8990	5700.0	60	37277	No
61	GOM_NL__2PRFIN20090417_075524_000000372078_00150_37278_8039.N1	17-APR-2009 07:55:24	Dark	37.000	38	20Eps Sgr	1.8360	11000.	74	37278	No
62	GOM_NL__2PRFIN20090417_075720_000000352078_00150_37278_8040.N1	17-APR-2009 07:57:20	Dark	35.000	147	Alp Ara	2.8770	26000.	70	37278	No
63	GOM_NL__2PRFIN20090417_075914_000000452078_00150_37278_8041.N1	17-APR-2009 07:59:14	Straylight	45.000	25	35Lam Sco	1.6200	28000.	90	37278	No
64	GOM_NL__2PRFIN20090417_080443_000000342078_00150_37278_8042.N1	17-APR-2009 08:04:43	Straylight	34.000	131	Gam Lup	2.8000	26000.	68	37278	No
65	GOM_NL__2PRFIN20090417_081450_000000382078_00150_37278_8043.N1	17-APR-2009 08:14:50	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	37278	No
66	GOM_NL__2PRFIN20090417_082653_000000362078_00150_37278_8044.N1	17-APR-2009 08:26:53	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	37278	No
67	GOM_NL__2PRFIN20090417_083439_000000392078_00150_37278_8045.N1	17-APR-2009 08:34:39	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	37278	No
68	GOM_NL__2PRFIN20090417_084420_000000352078_00150_37278_8046.N1	17-APR-2009 08:44:20	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	37278	No
69	GOM_NL__2PRFIN20090417_085830_000000302078_00150_37278_8047.N1	17-APR-2009 08:58:30	Tw_i_and_stray	29.500	19	50Alp Cyg	1.2460	10500.	59	37278	No
70	GOM_NL__2PRFIN20090417_090018_000000322078_00150_37278_8048.N1	17-APR-2009 09:00:18	Tw_i_and_stray	32.000	66	37Gam Cyg	2.2080	5900.0	64	37278	No
71	GOM_NL__2PRFIN20090417_090256_000000312078_00150_37278_8049.N1	17-APR-2009 09:02:56	Tw_i_and_stray	31.000	92	53Eps Cyg	2.5000	4500.0	62	37278	No
72	GOM_NL__2PRFIN20090417_091030_000000282078_00150_37278_8050.N1	17-APR-2009 09:10:30	Dark	27.500	61	8Eps Peg	2.1000	3900.0	55	37278	No
73	GOM_NL__2PRFIN20090417_091541_000000302078_00150_37278_8051.N1	17-APR-2009 09:15:41	Dark	30.000	154	22Bet Aqr	2.8990	5700.0	60	37278	No
74	GOM_NL__2PRFIN20090417_111639_000000352078_00152_37280_8066.N1	17-APR-2009 11:16:39	Dark	35.000	38	20Eps Sgr	1.8360	11000.	70	37280	No
75	GOM_NL__2PRFIN20090417_111834_000000352078_00152_37280_8067.N1	17-APR-2009 11:18:34	Dark	35.000	147	Alp Ara	2.8770	26000.	70	37280	No
76	GOM_NL__2PRFIN20090417_112028_000000452078_00152_37280_8068.N1	17-APR-2009 11:20:28	Straylight	45.000	25	35Lam Sco	1.6200	28000.	90	37280	No
77	GOM_NL__2PRFIN20090417_112556_000000342078_00152_37280_8069.N1	17-APR-2009 11:25:56	Straylight	34.000	131	Gam Lup	2.8000	26000.	68	37280	No
78	GOM_NL__2PRFIN20090417_113602_000000382078_00152_37280_8070.N1	17-APR-2009 11:36:02	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	37280	No
79	GOM_NL__2PRFIN20090417_114803_000000362078_00152_37280_8071.N1	17-APR-2009 11:48:03	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	37280	No
80	GOM_NL__2PRFIN20090417_115549_000000392078_00152_37280_8072.N1	17-APR-2009 11:55:49	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	37280	No
81	GOM_NL__2PRFIN20090417_120530_000000352078_00152_37280_8073.N1	17-APR-2009 12:05:30	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	37280	No
82	GOM_NL__2PRFIN20090417_121941_000000302078_00152_37280_8074.N1	17-APR-2009 12:19:41	Tw_i_and_stray	29.500	19	50Alp Cyg	1.2460	10500.	59	37280	No
83	GOM_NL__2PRFIN20090417_122408_000000322078_00152_37280_8075.N1	17-APR-2009 12:24:08	Tw_i_and_stray	31.500	92	53Eps Cyg	2.5000	4500.0	63	37280	No
84	GOM_NL__2PRFIN20090417_123143_000000282078_00152_37280_8076.N1	17-APR-2009 12:31:43	Dark	27.500	61	8Eps Peg	2.1000	3900.0	55	37280	No
85	GOM_NL__2PRFIN20090417_123654_000000302078_00152_37280_8077.N1	17-APR-2009 12:36:54	Dark	30.000	154	22Bet Aqr	2.8990	5700.0	60	37280	No
86	GOM_NL__2PRFIN20090417_125716_000000352078_00153_37281_8080.N1	17-APR-2009 12:57:16	Dark	35.000	38	20Eps Sgr	1.8360	11000.	70	37281	No
87	GOM_NL__2PRFIN20090417_125911_000000352078_00153_37281_8081.N1	17-APR-2009 12:59:11	Dark	35.000	147	Alp Ara	2.8770	26000.	70	37281	No
88	GOM_NL__2PRFIN20090417_130105_000000452078_00153_37281_8082.N1	17-APR-2009 13:01:05	Straylight	45.000	25	35Lam Sco	1.6200	28000.	90	37281	No
89	GOM_NL__2PRFIN20090417_130632_000000342078_00153_37281_8083.N1	17-APR-2009 13:06:32	Straylight	34.000	131	Gam Lup	2.8000	26000.	68	37281	No
90	GOM_NL__2PRFIN20090417_131638_000000382078_00153_37281_8084.N1	17-APR-2009 13:16:38	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	37281	No
91	GOM_NL__2PRFIN20090417_132839_000000362078_00153_37281_8085.N1	17-APR-2009 13:28:39	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	37281	No
92	GOM_NL__2PRFIN20090417_133624_000000392078_00153_37281_8086.N1	17-APR-2009 13:36:24	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	37281	No
93	GOM_NL__2PRFIN20090417_134605_000000352078_00153_37281_8087.N1	17-APR-2009 13:46:05	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	37281	No
94	GOM_NL__2PRFIN20090417_140017_000000292078_00153_37281_8088.N1	17-APR-2009 14:00:17	Tw_i_and_stray	29.000	19	50Alp Cyg	1.2460	10500.	58	37281	No
95	GOM_NL__2PRFIN20090417_140444_000000312078_00153_37281_8089.N1	17-APR-2009 14:04:44	Tw_i_and_stray	31.000	92	53Eps Cyg	2.5000	4500.0	62	37281	No
96	GOM_NL__2PRFIN20090417_141219_000000282078_00153_37281_8090.N1	17-APR-2009 14:12:19	Dark	27.500	61	8Eps Peg	2.1000	3900.0	55	37281	No
97	GOM_NL__2PRFIN20090417_141731_000000302078_00153_37281_8091.N1	17-APR-2009 14:17:31	Dark	30.000	154	22Bet Aqr	2.8990	5700.0	60	37281	No
98	GOM_NL__2PRFIN20090417_143754_000000332078_00154_37282_8094.N1	17-APR-2009 14:37:54	Dark	33.000	38	20Eps Sgr	1.8360	11000.	66	37282	No
99	GOM_NL__2PRFIN20090417_143948_000000352078_00154_37282_8095.N1	17-APR-2009 14:39:48	Dark	34.500	147	Alp Ara	2.8770	26000.	69	37282	No
100	GOM_NL__2PRFIN20090417_144142_000000452078_00154_37282_8096.N1	17-APR-2009 14:41:42	Straylight	44.500	25	35Lam Sco	1.6200	28000.	89	37282	No
101	GOM_NL__2PRFIN20090417_144709_000000342078_00154_37282_8097.N1	17-APR-2009 14:47:09	Straylight	33.500	131	Gam Lup	2.8000	26000.	67	37282	No

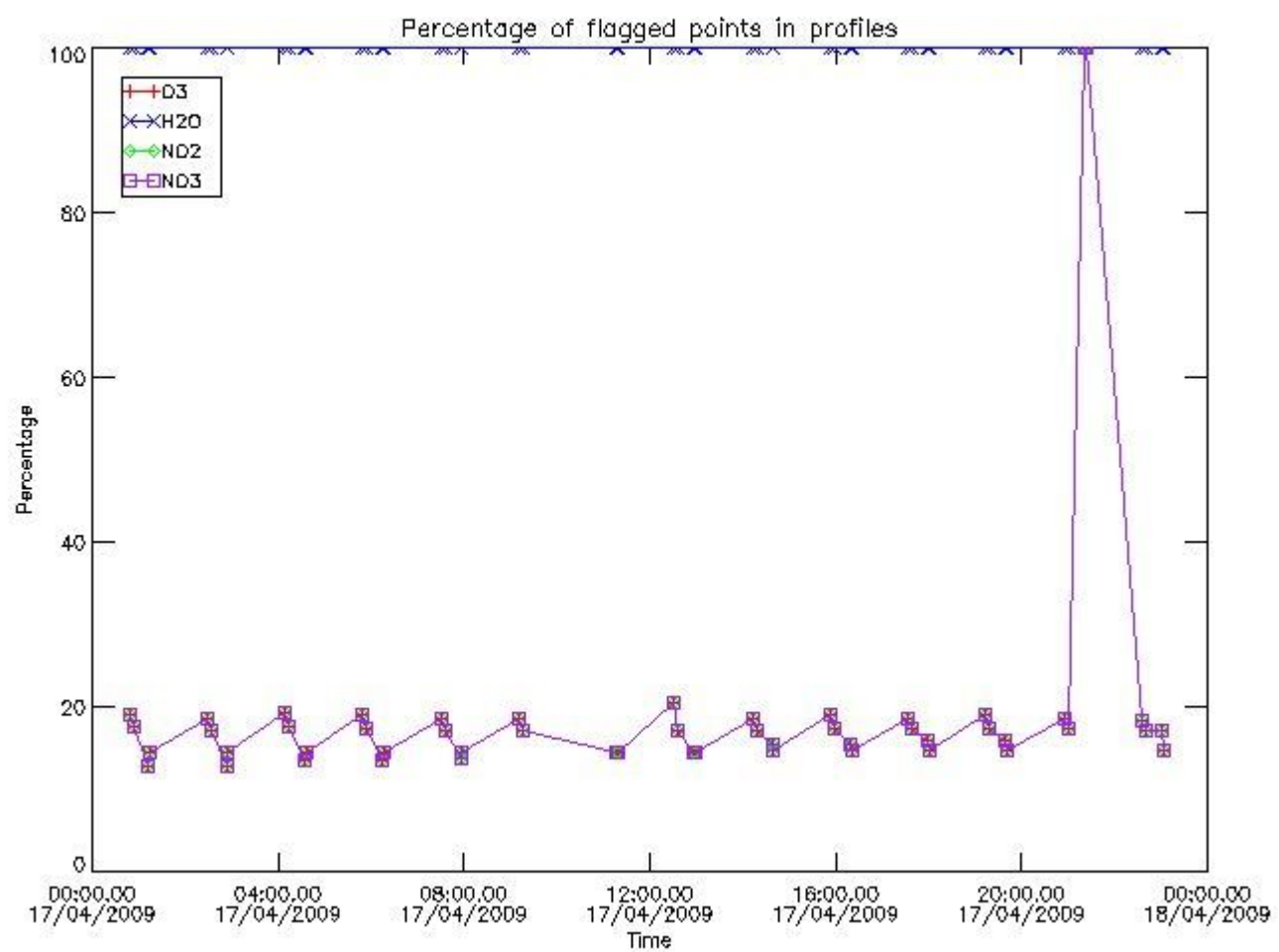
102	GOM_NL__2PRFIN20090417_145714_000000382078_00154_37282_8098.N1	17-APR-2009 14:57:14	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	37282	No
103	GOM_NL__2PRFIN20090417_150914_000000352078_00154_37282_8099.N1	17-APR-2009 15:09:14	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	37282	No
104	GOM_NL__2PRFIN20090417_151659_000000382078_00154_37282_8100.N1	17-APR-2009 15:16:59	Bright	38.000	180	27Gam Boo	3.0400	8000.0	76	37282	No
105	GOM_NL__2PRFIN20090417_152641_000000342078_00154_37282_8101.N1	17-APR-2009 15:26:41	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	37282	No
106	GOM_NL__2PRFIN20090417_154053_000000292078_00154_37282_8102.N1	17-APR-2009 15:40:53	Twi_and_stray	29.000	19	50Alp Cyg	1.2460	10500.	58	37282	No
107	GOM_NL__2PRFIN20090417_154520_000000312078_00154_37282_8103.N1	17-APR-2009 15:45:20	Twi_and_stray	30.500	92	53Eps Cyg	2.5000	4500.0	61	37282	No
108	GOM_NL__2PRFIN20090417_155256_000000272078_00154_37282_8104.N1	17-APR-2009 15:52:56	Dark	27.000	61	8Eps Peg	2.1000	3900.0	54	37282	No
109	GOM_NL__2PRFIN20090417_155807_000000302078_00154_37282_8105.N1	17-APR-2009 15:58:07	Dark	29.500	154	22Bet Aqr	2.8990	5700.0	59	37282	No
110	GOM_NL__2PRFIN20090417_161831_000000332078_00155_37283_8108.N1	17-APR-2009 16:18:31	Dark	33.000	38	20Eps Sgr	1.8360	11000.	66	37283	No
111	GOM_NL__2PRFIN20090417_162024_000000352078_00155_37283_8109.N1	17-APR-2009 16:20:24	Dark	34.500	147	Alp Ara	2.8770	26000.	69	37283	No
112	GOM_NL__2PRFIN20090417_162220_000000452078_00155_37283_8110.N1	17-APR-2009 16:22:20	Straylight	45.000	25	35Lam Sco	1.6200	28000.	90	37283	No
113	GOM_NL__2PRFIN20090417_162746_000000332078_00155_37283_8111.N1	17-APR-2009 16:27:46	Straylight	33.000	131	Gam Lup	2.8000	26000.	66	37283	No
114	GOM_NL__2PRFIN20090417_163750_000000382078_00155_37283_8112.N1	17-APR-2009 16:37:50	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	37283	No
115	GOM_NL__2PRFIN20090417_164950_000000352078_00155_37283_8113.N1	17-APR-2009 16:49:50	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	37283	No
116	GOM_NL__2PRFIN20090417_165735_000000392078_00155_37283_8114.N1	17-APR-2009 16:57:35	Bright	38.500	180	27Gam Boo	3.0400	8000.0	77	37283	No
117	GOM_NL__2PRFIN20090417_170716_000000342078_00155_37283_8115.N1	17-APR-2009 17:07:16	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	37283	No
118	GOM_NL__2PRFIN20090417_172129_000000292078_00155_37283_8116.N1	17-APR-2009 17:21:29	Twi_and_stray	29.000	19	50Alp Cyg	1.2460	10500.	58	37283	No
119	GOM_NL__2PRFIN20090417_172556_000000312078_00155_37283_8117.N1	17-APR-2009 17:25:56	Twi_and_stray	31.000	92	53Eps Cyg	2.5000	4500.0	62	37283	No
120	GOM_NL__2PRFIN20090417_173332_000000282078_00155_37283_8118.N1	17-APR-2009 17:33:32	Dark	27.500	61	8Eps Peg	2.1000	3900.0	55	37283	No
121	GOM_NL__2PRFIN20090417_173844_000000302078_00155_37283_8119.N1	17-APR-2009 17:38:44	Dark	29.500	154	22Bet Aqr	2.8990	5700.0	59	37283	No
122	GOM_NL__2PRFIN20090417_175909_000000322078_00156_37284_8124.N1	17-APR-2009 17:59:09	Dark	32.000	38	20Eps Sgr	1.8360	11000.	64	37284	No
123	GOM_NL__2PRFIN20090417_180101_000000352078_00156_37284_8125.N1	17-APR-2009 18:01:01	Dark	34.500	147	Alp Ara	2.8770	26000.	69	37284	No
124	GOM_NL__2PRFIN20090417_180257_000000442078_00156_37284_8126.N1	17-APR-2009 18:02:57	Straylight	44.000	25	35Lam Sco	1.6200	28000.	88	37284	No
125	GOM_NL__2PRFIN20090417_180822_000000332078_00156_37284_8127.N1	17-APR-2009 18:08:22	Straylight	33.000	131	Gam Lup	2.8000	26000.	66	37284	No
126	GOM_NL__2PRFIN20090417_181826_000000372078_00156_37284_8128.N1	17-APR-2009 18:18:26	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	37284	No
127	GOM_NL__2PRFIN20090417_183025_000000352078_00156_37284_8129.N1	17-APR-2009 18:30:25	Bright	34.500	111	8Eta Boo	2.6800	6000.0	69	37284	No
128	GOM_NL__2PRFIN20090417_183810_000000382078_00156_37284_8130.N1	17-APR-2009 18:38:10	Bright	38.000	180	27Gam Boo	3.0400	8000.0	76	37284	No
129	GOM_NL__2PRFIN20090417_184751_000000342078_00156_37284_8131.N1	17-APR-2009 18:47:51	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	37284	No
130	GOM_NL__2PRFIN20090417_190205_000000292078_00156_37284_8132.N1	17-APR-2009 19:02:05	Twi_and_stray	28.500	19	50Alp Cyg	1.2460	10500.	57	37284	No
131	GOM_NL__2PRFIN20090417_190632_000000312078_00156_37284_8133.N1	17-APR-2009 19:06:32	Twi_and_stray	30.500	92	53Eps Cyg	2.5000	4500.0	61	37284	No
132	GOM_NL__2PRFIN20090417_191409_000000272078_00156_37284_8134.N1	17-APR-2009 19:14:09	Dark	27.000	61	8Eps Peg	2.1000	3900.0	54	37284	No
133	GOM_NL__2PRFIN20090417_191921_000000302078_00156_37284_8135.N1	17-APR-2009 19:19:21	Dark	29.500	154	22Bet Aqr	2.8990	5700.0	59	37284	No
134	GOM_NL__2PRFIN20090417_193946_000000322078_00157_37285_8161.N1	17-APR-2009 19:39:46	Dark	32.000	38	20Eps Sgr	1.8360	11000.	64	37285	No
135	GOM_NL__2PRFIN20090417_194138_000000352078_00157_37285_8162.N1	17-APR-2009 19:41:38	Dark	34.500	147	Alp Ara	2.8770	26000.	69	37285	No
136	GOM_NL__2PRFIN20090417_194334_000000452078_00157_37285_8163.N1	17-APR-2009 19:43:34	Straylight	44.500	25	35Lam Sco	1.6200	28000.	89	37285	No
137	GOM_NL__2PRFIN20090417_194858_000000342078_00157_37285_8164.N1	17-APR-2009 19:48:58	Straylight	33.500	131	Gam Lup	2.8000	26000.	67	37285	No
138	GOM_NL__2PRFIN20090417_195902_000000372078_00157_37285_8165.N1	17-APR-2009 19:59:02	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	37285	No
139	GOM_NL__2PRFIN20090417_201101_000000342078_00157_37285_8166.N1	17-APR-2009 20:11:01	Bright	34.000	111	8Eta Boo	2.6800	6000.0	68	37285	No
140	GOM_NL__2PRFIN20090417_201844_000000382078_00157_37285_8167.N1	17-APR-2009 20:18:44	Bright	38.000	180	27Gam Boo	3.0400	8000.0	76	37285	No
141	GOM_NL__2PRFIN20090417_202827_000000342078_00157_37285_8168.N1	17-APR-2009 20:28:27	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	37285	No
142	GOM_NL__2PRFIN20090417_204240_000000292078_00157_37285_8169.N1	17-APR-2009 20:42:40	Twi_and_stray	28.500	19	50Alp Cyg	1.2460	10500.	57	37285	No
143	GOM_NL__2PRFIN20090417_204708_000000322078_00157_37285_8170.N1	17-APR-2009 20:47:08	Twi_and_stray	31.500	92	53Eps Cyg	2.5000	4500.0	63	37285	No
144	GOM_NL__2PRFIN20090417_205445_000000282078_00157_37285_8171.N1	17-APR-2009 20:54:45	Dark	27.500	61	8Eps Peg	2.1000	3900.0	55	37285	No
145	GOM_NL__2PRFIN20090417_205958_000000302078_00157_37285_8172.N1	17-APR-2009 20:59:58	Dark	29.500	154	22Bet Aqr	2.8990	5700.0	59	37285	No
146	GOM_NL__2PRFIN20090417_212023_000000072078_00158_37286_8177.N1	17-APR-2009 21:20:23	Dark	6.5000	38	20Eps Sgr	1.8360	11000.	13	37286	No
147	GOM_NL__2PRFIN20090417_212215_000000042078_00158_37286_8178.N1	17-APR-2009 21:22:15	Dark	4.0000	147	Alp Ara	2.8770	26000.	8	37286	No
148	GOM_NL__2PRFIN20090417_212411_000000052078_00158_37286_8179.N1	17-APR-2009 21:24:11	Dark	5.0000	25	35Lam Sco	1.6200	28000.	10	37286	No
149	GOM_NL__2PRFIN20090417_212935_000000032078_00158_37286_8180.N1	17-APR-2009 21:29:35	Straylight	2.5000	131	Gam Lup	2.8000	26000.	5	37286	No
150	GOM_NL__2PRFIN20090417_213937_000000022078_00158_37286_8181.N1	17-APR-2009 21:39:37	Dark	1.5000	122	9Alp2Lib	2.7470	9700.0	3	37286	Yes
151	GOM_NL__2PRFIN20090417_215136_000000042078_00158_37286_8182.N1	17-APR-2009 21:51:36	Straylight	3.5000	111	8Eta Boo	2.6800	6000.0	7	37286	No
152	GOM_NL__2PRFIN20090417_215920_000000052078_00158_37286_8183.N1	17-APR-2009 21:59:20	Straylight	4.5000	180	27Gam Boo	3.0400	8000.0	9	37286	No
153	GOM_NL__2PRFIN20090417_220902_000000022078_00158_37286_8184.N1	17-APR-2009 22:09:02	Straylight	2.0000	119	14Eta Dra	2.7270	4700.0	4	37286	No
154	GOM_NL__2PRFIN20090417_222316_000000302078_00158_37286_8185.N1	17-APR-2009 22:23:16	Twi_and_stray	29.500	19	50Alp Cyg	1.2460	10500.	59	37286	No
155	GOM_NL__2PRFIN20090417_222744_000000322078_00158_37286_8186.N1	17-APR-2009 22:27:44	Twi_and_stray	31.500	92	53Eps Cyg	2.5000	4500.0	63	37286	No
156	GOM_NL__2PRFIN20090417_223521_000000282078_00158_37286_8187.N1	17-APR-2009 22:35:21	Dark	28.000	61	8Eps Peg	2.1000	3900.0	56	37286	No
157	GOM_NL__2PRFIN20090417_224034_000000302078_00158_37286_8188.N1	17-APR-2009 22:40:34	Dark	30.000	154	22Bet Aqr	2.8990	5700.0	60	37286	No
158	GOM_NL__2PRFIN20090417_230101_000000302078_00159_37287_8196.N1	17-APR-2009 23:01:01	Dark	30.000	38	20Eps Sgr	1.8360	11000.	60	37287	No
159	GOM_NL__2PRFIN20090417_230252_000000352078_00159_37287_8197.N1	17-APR-2009 23:02:52	Dark	34.500	147	Alp Ara	2.8770	26000.	69	37287	No
160	GOM_NL__2PRFIN20090417_230448_000000442078_00159_37287_8198.N1	17-APR-2009 23:04:48	Straylight	44.000	25	35Lam Sco	1.6200	28000.	88	37287	No

161	GOM_NL__2PRFIN20090417_231012_000000332078_00159_37287_8199.N1	17-APR-2009 23:10:12	Straylight	33.000	131	Gam Lup	2.8000	26000.	66	37287	No
162	GOM_NL__2PRFIN20090417_232014_000000372078_00159_37287_8200.N1	17-APR-2009 23:20:14	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	37287	No
163	GOM_NL__2PRFIN20090417_233212_000000352078_00159_37287_8201.N1	17-APR-2009 23:32:12	Bright	34.500	111	8Eta Boo	2.6800	6000.0	69	37287	No
164	GOM_NL__2PRFIN20090417_233955_000000382078_00159_37287_8202.N1	17-APR-2009 23:39:55	Bright	38.000	180	27Gam Boo	3.0400	8000.0	76	37287	No
165	GOM_NL__2PRFIN20090417_234937_000000342078_00159_37287_8203.N1	17-APR-2009 23:49:37	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	37287	No

3. Quality information per product

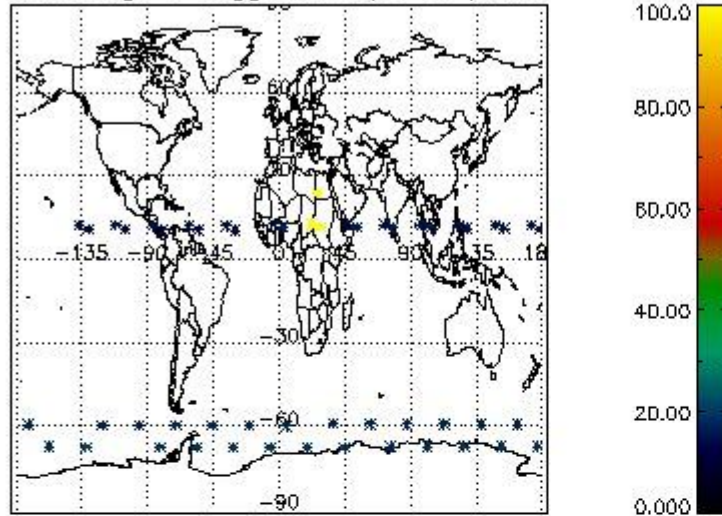
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

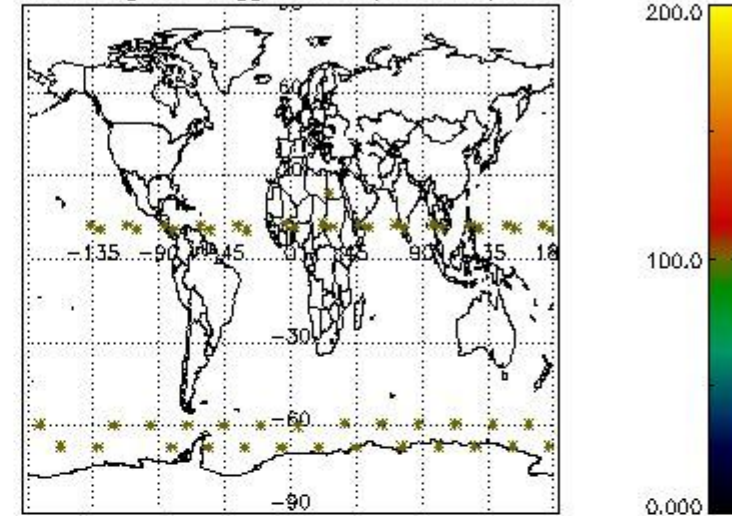


3.2 Plot quality information per product (world map)

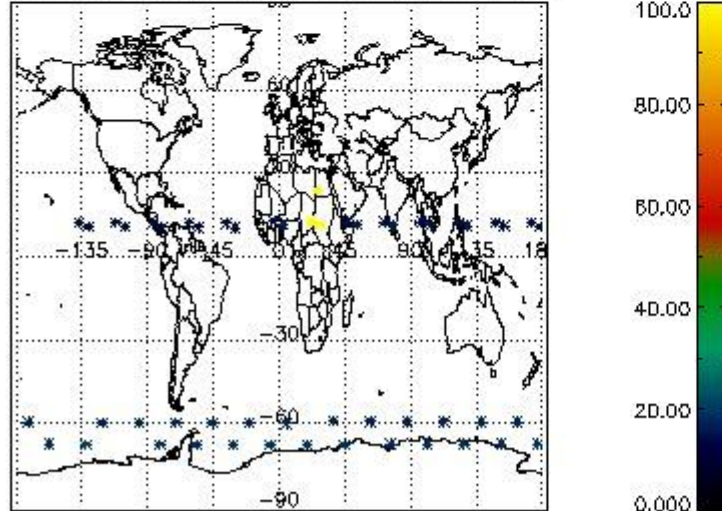
Percentage of flagged data per O3 profile



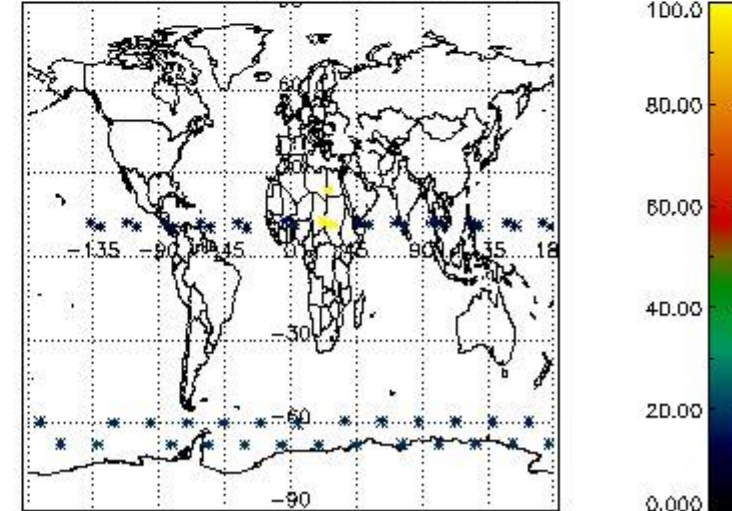
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

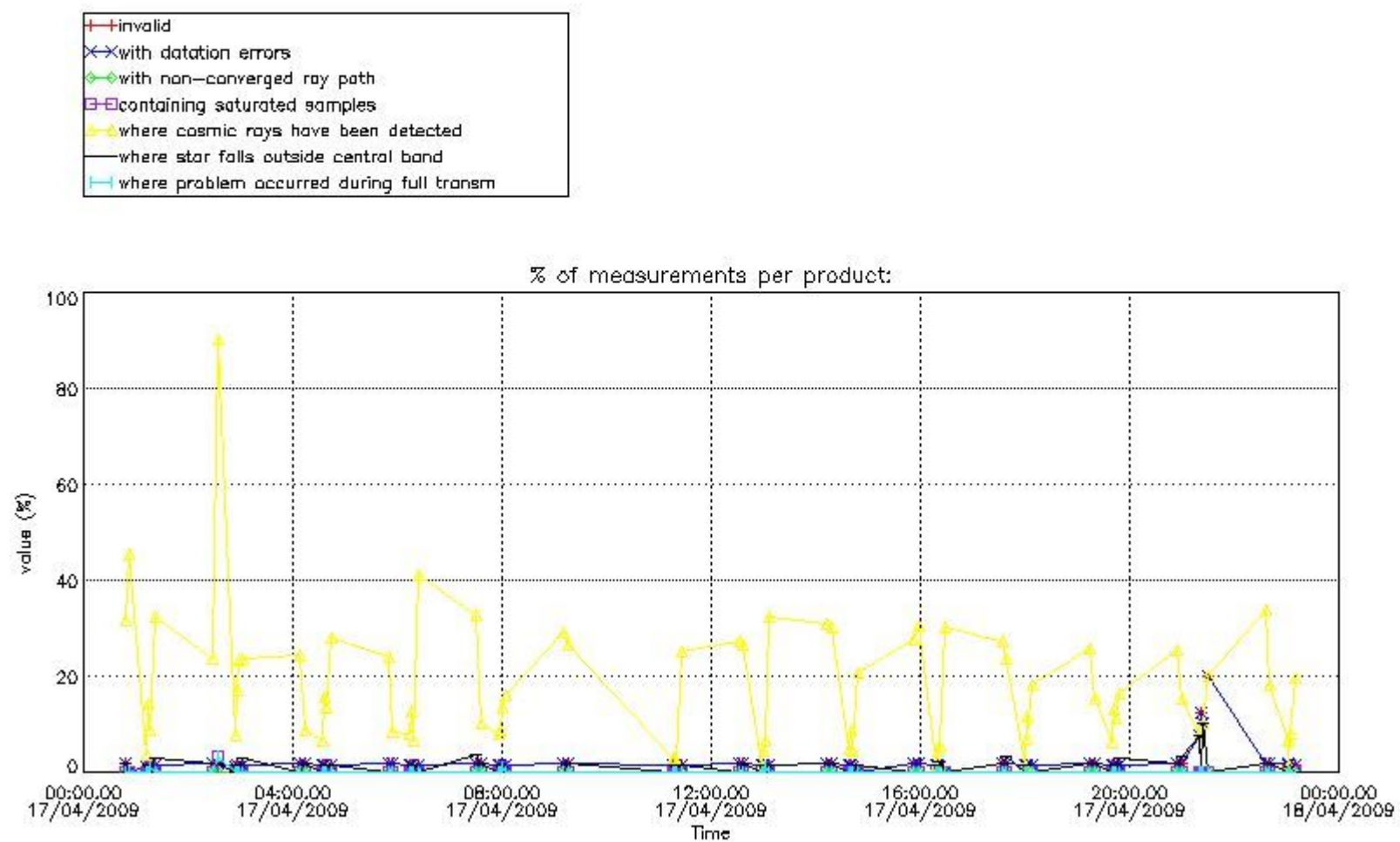


4. Level 1 quality information per product

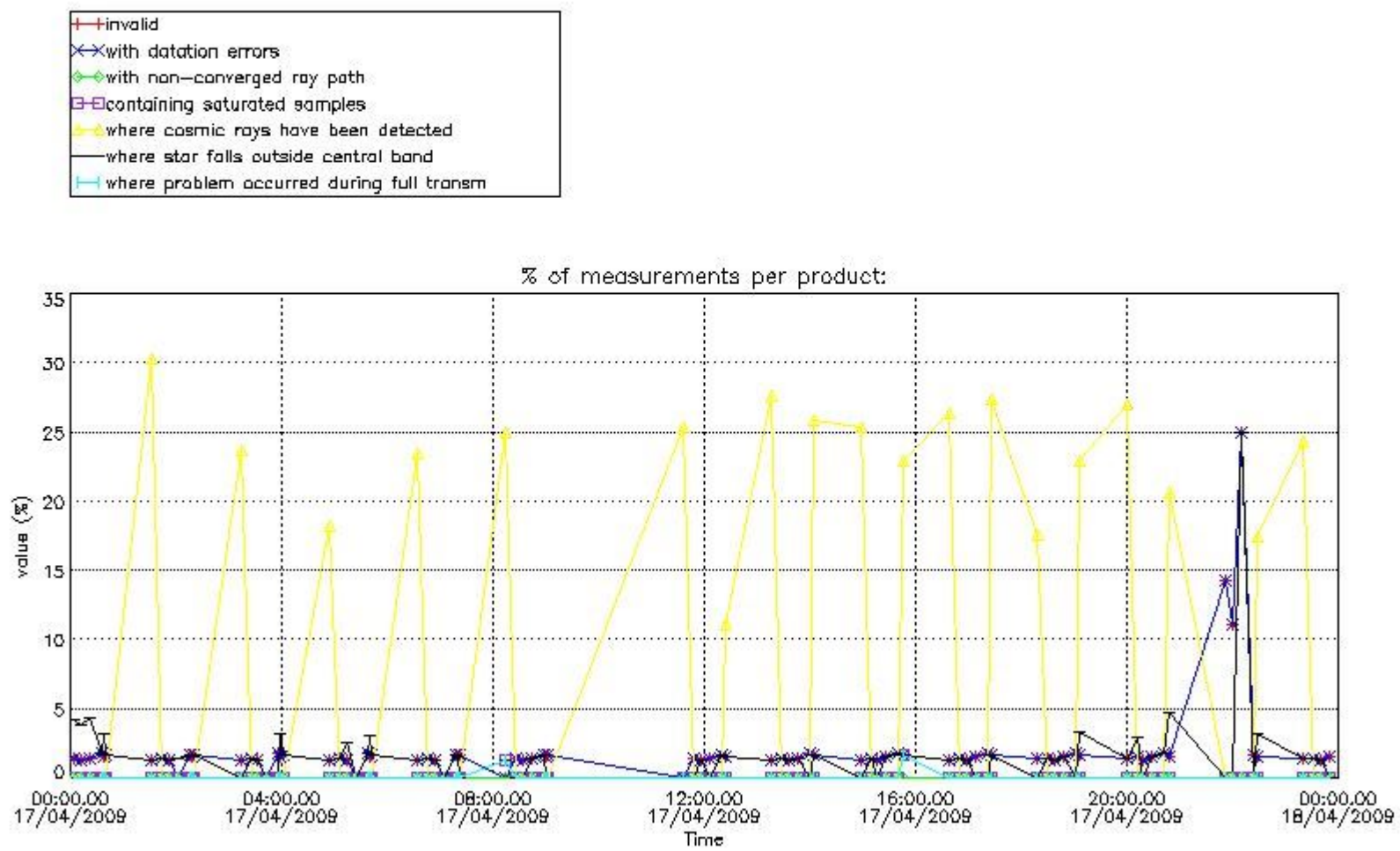
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



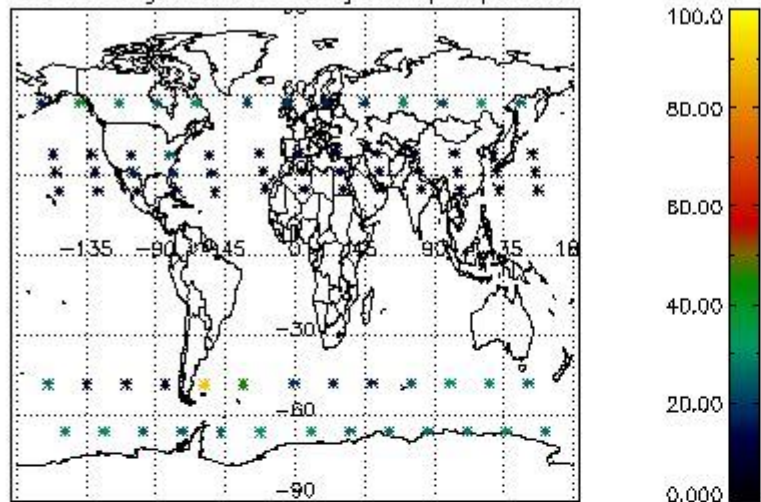
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



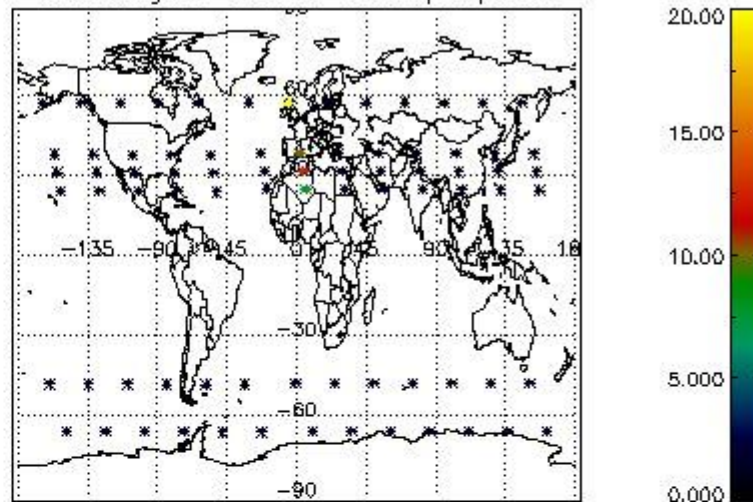
4.2 Plot quality information per product coming from level 1b processing (world map)

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

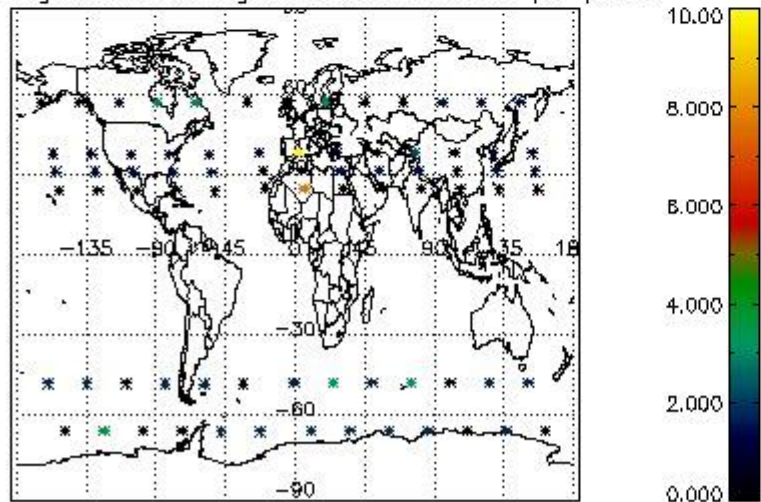
Percentage of cosmic ray hits per profile



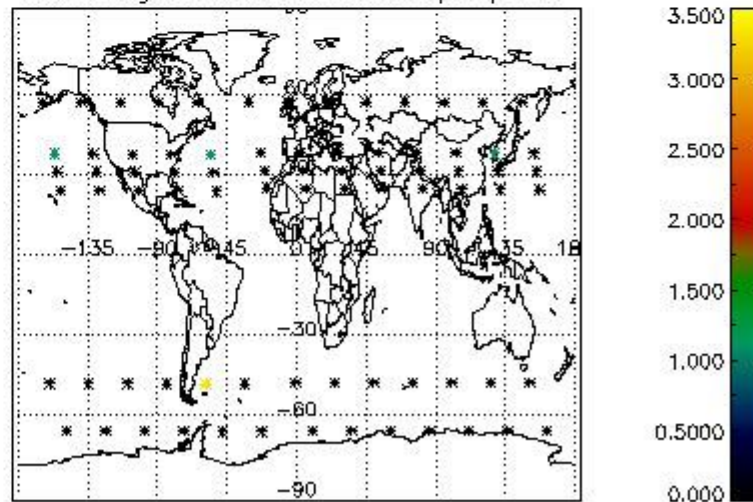
Percentage of datation errors per profile



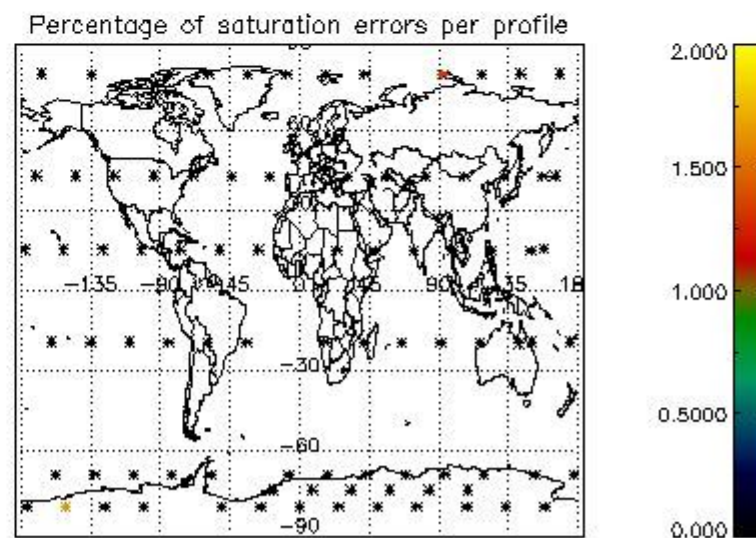
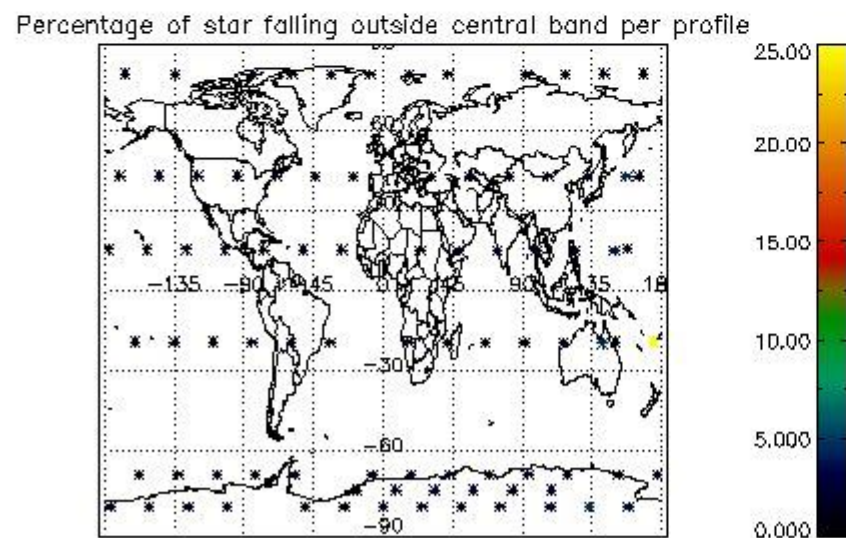
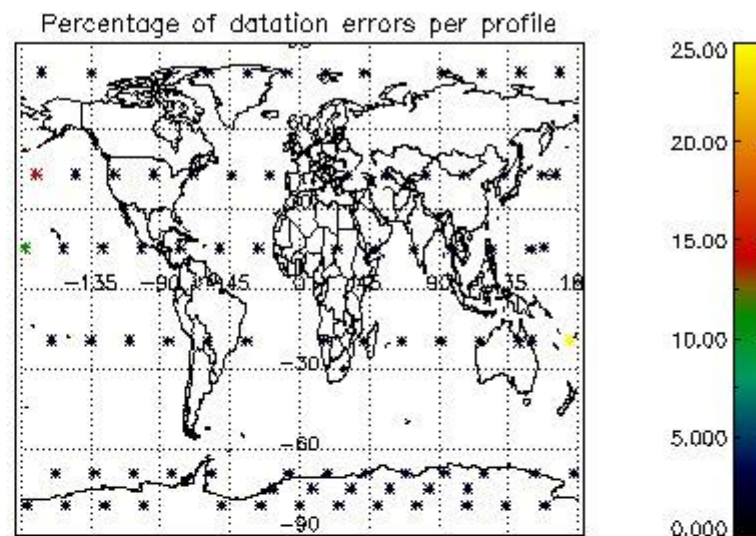
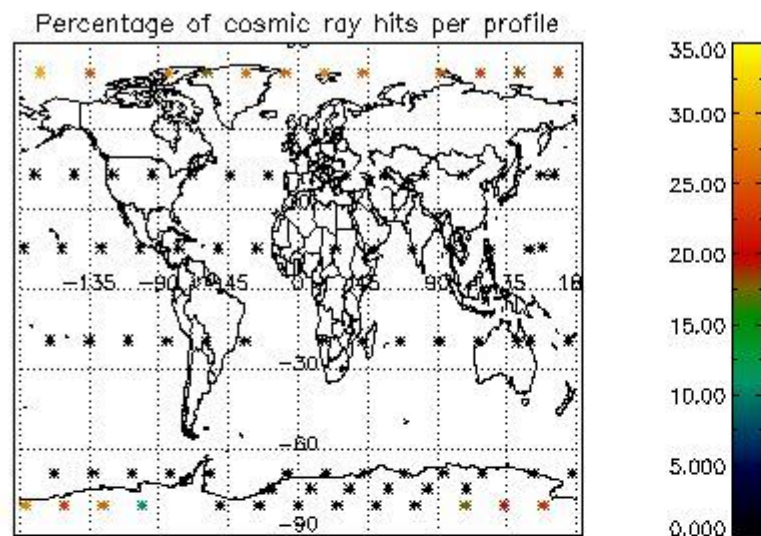
Percentage of star falling outside central band per profile



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

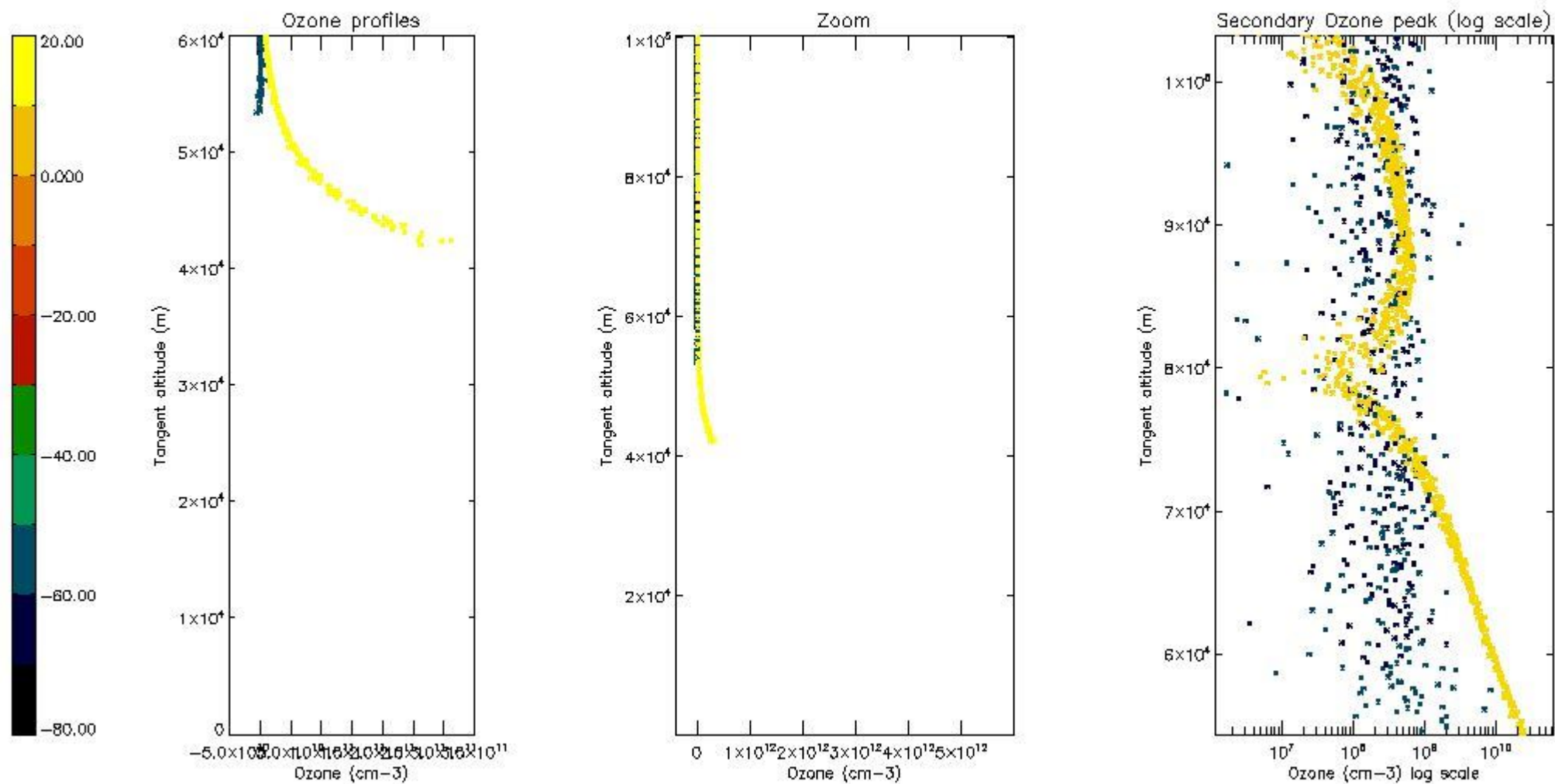
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	29
STD < 20	8

STD < 10	4
STD < 5	3

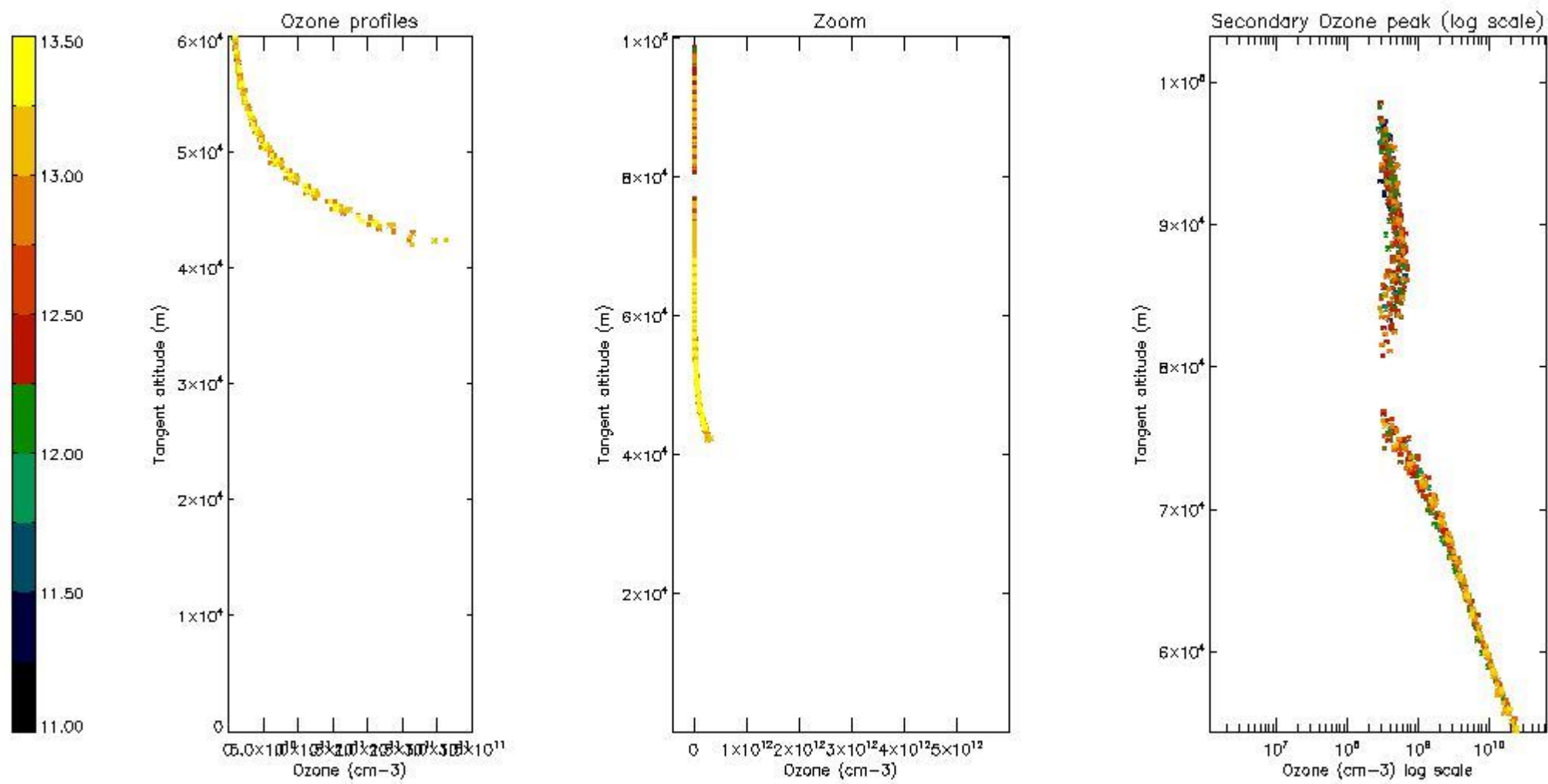
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



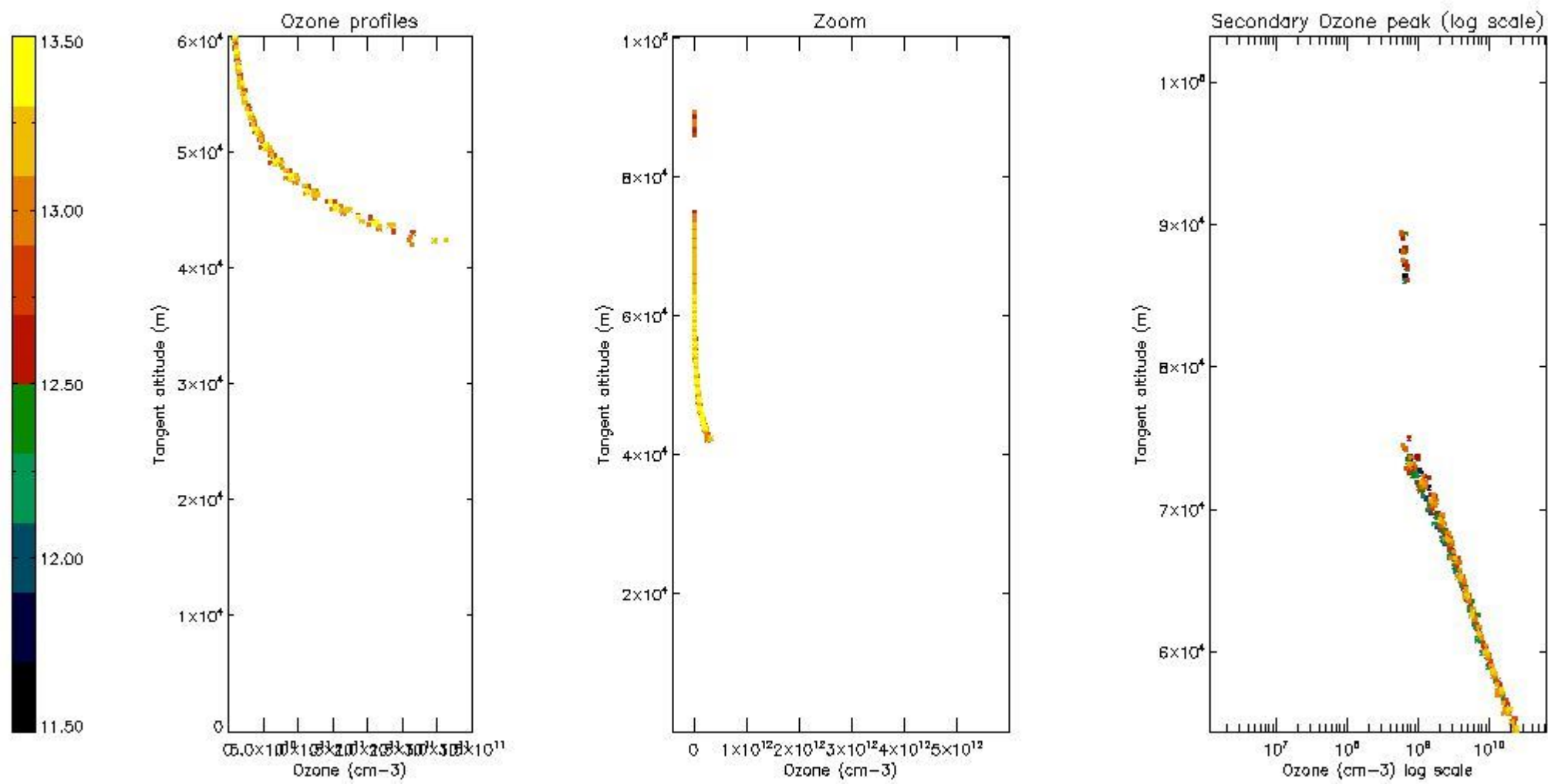
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



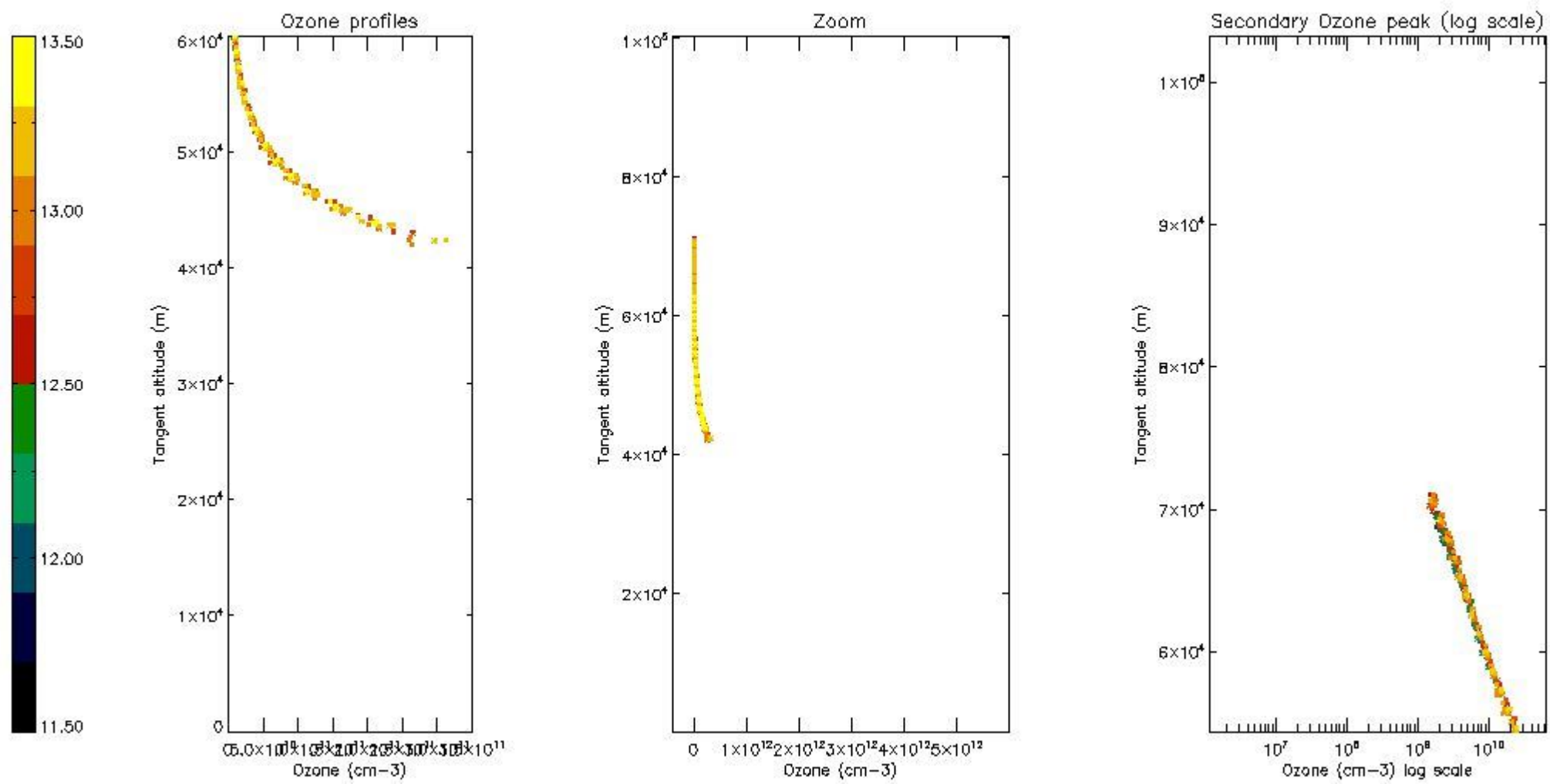
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



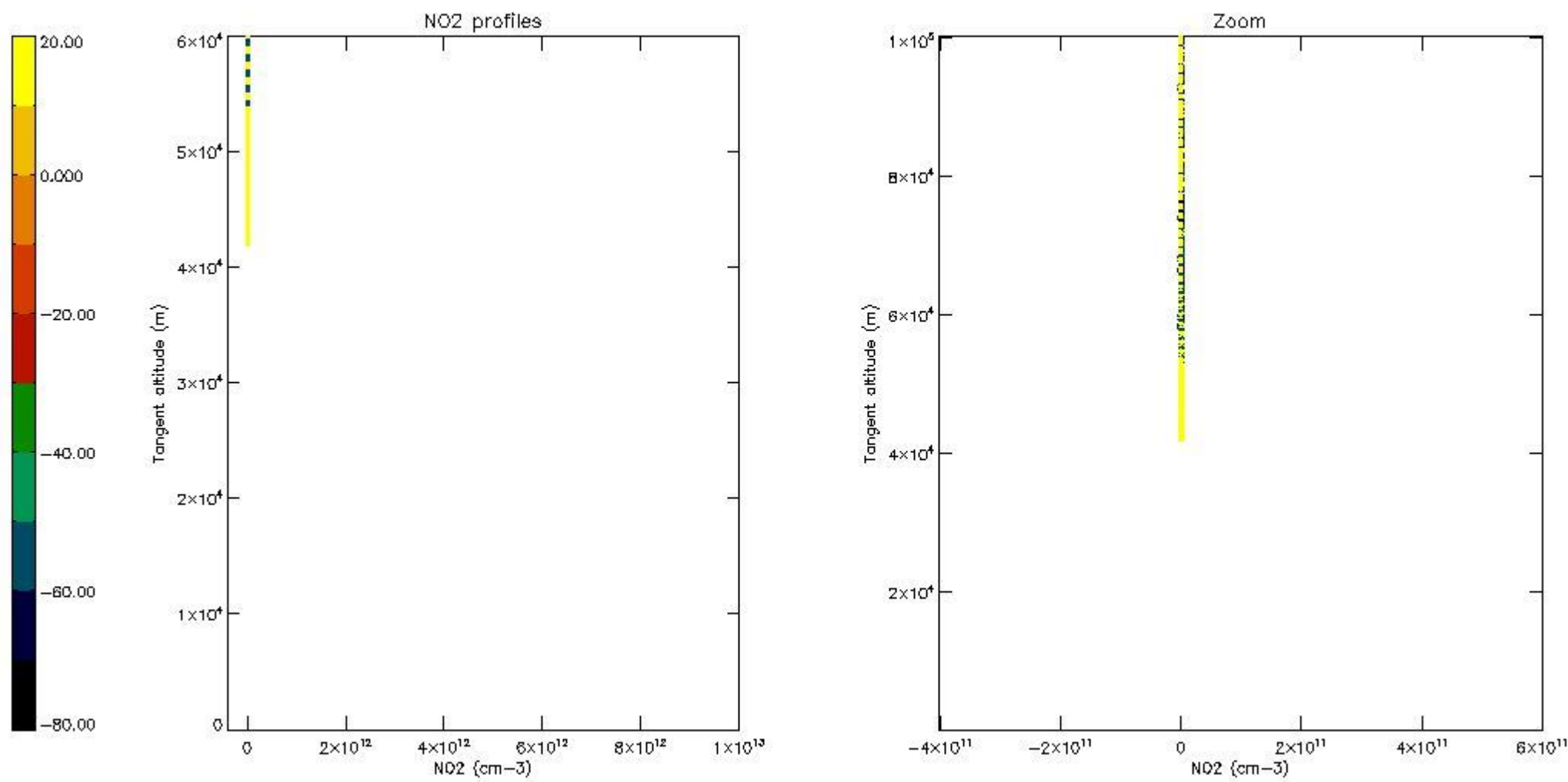
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



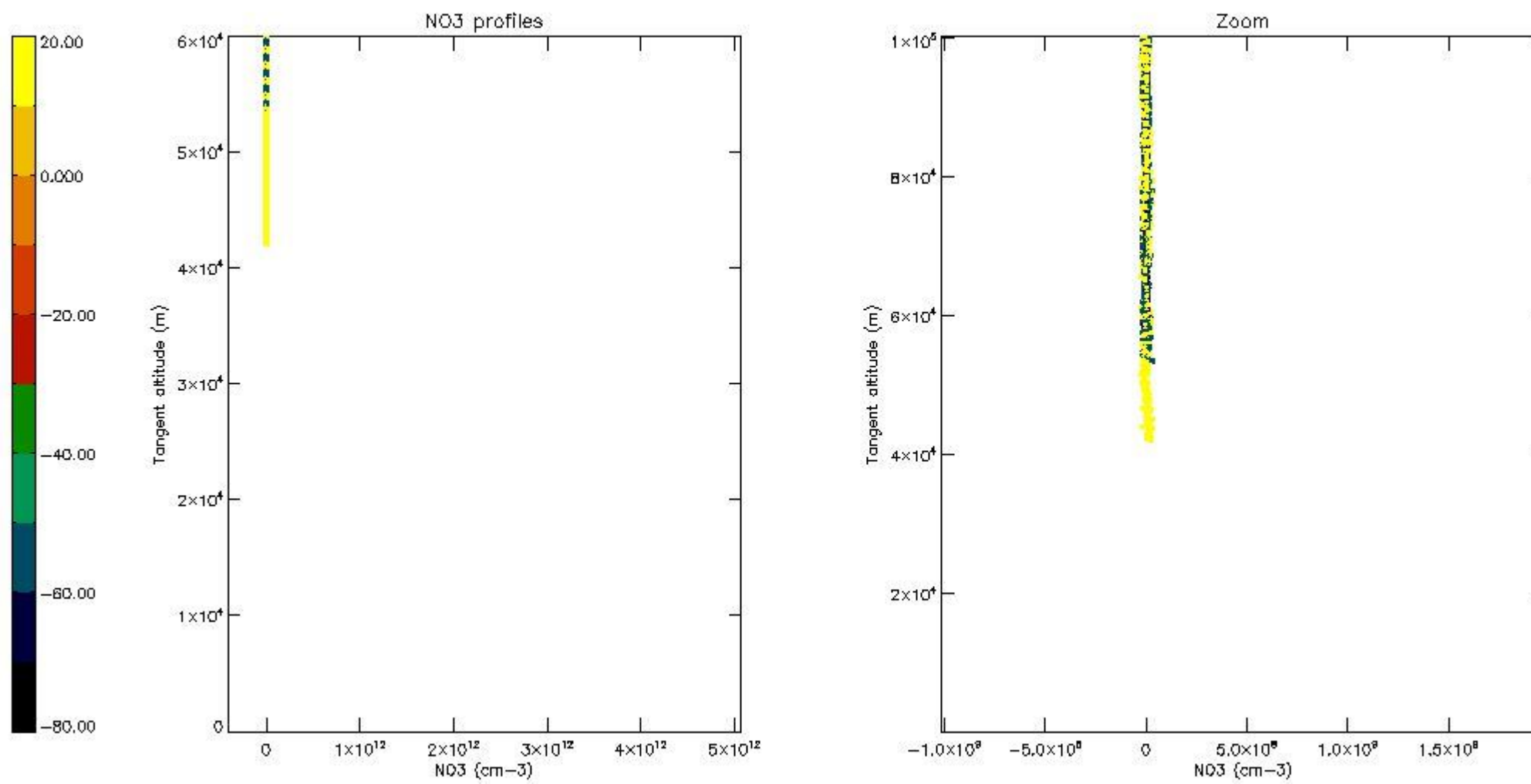
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

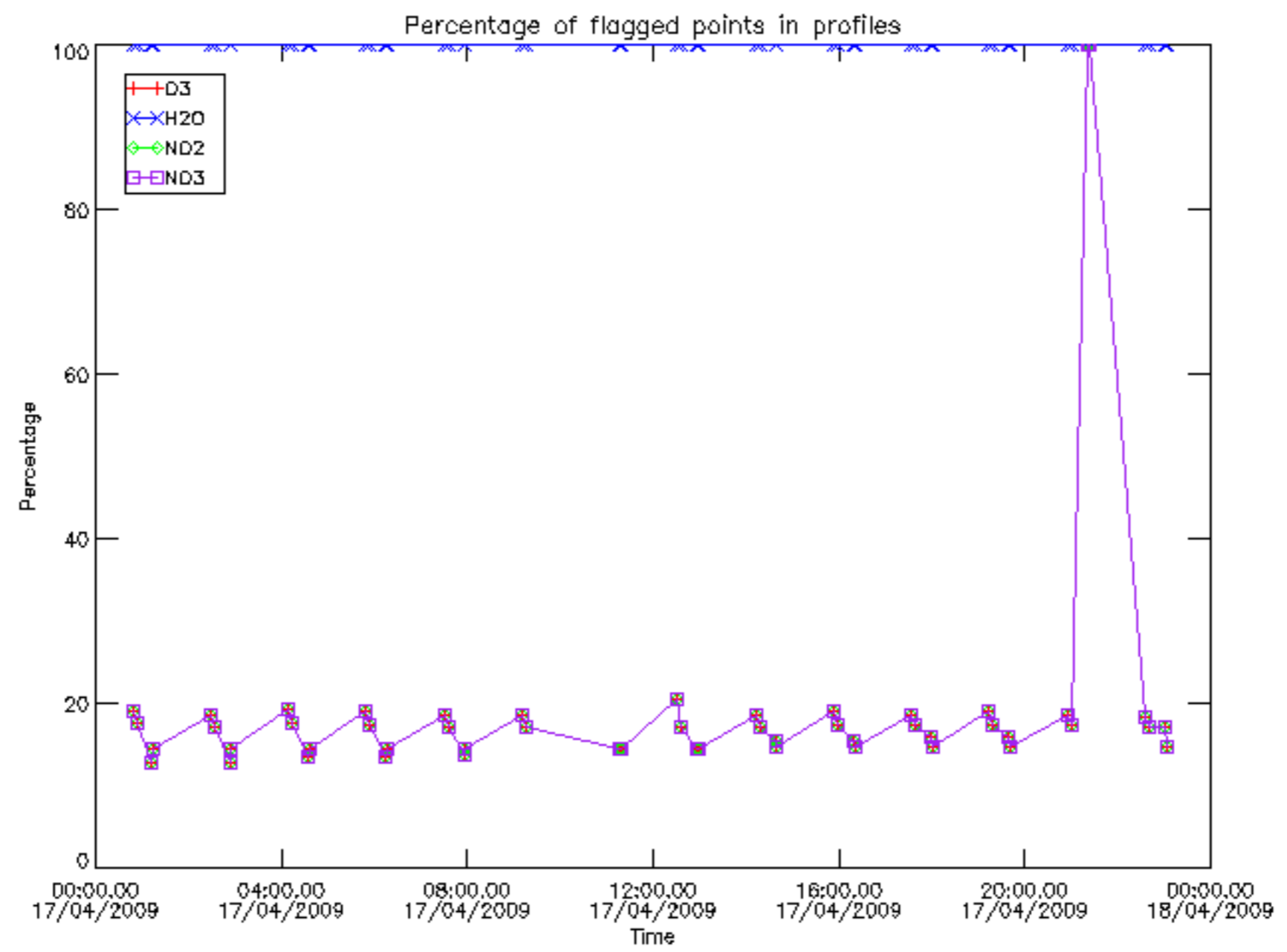
The colorbar represents the latitude.



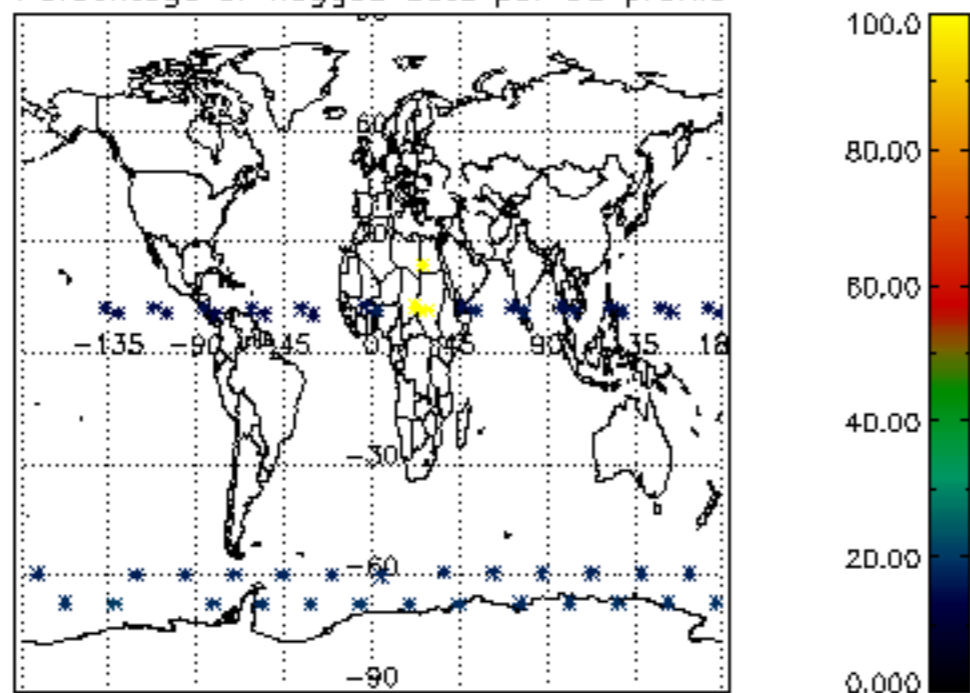
6. Auxiliary Data Files used for the production reported in section 2

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

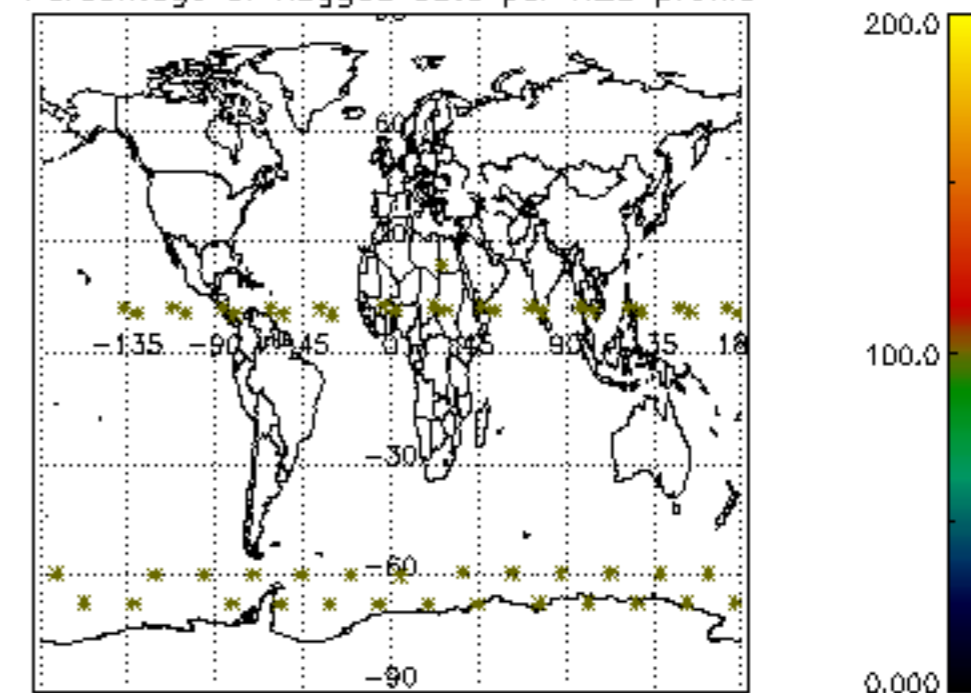
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	17-APR-2009 00:03:55
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	17-APR-2009 00:03:55
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	17-APR-2009 00:03:55



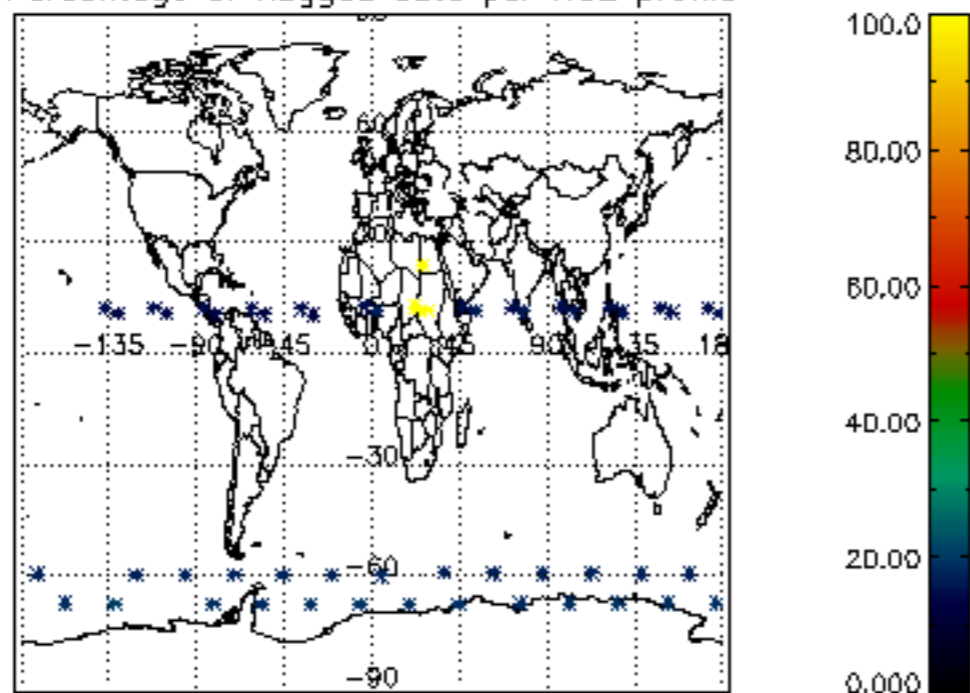
Percentage of flagged data per D3 profile



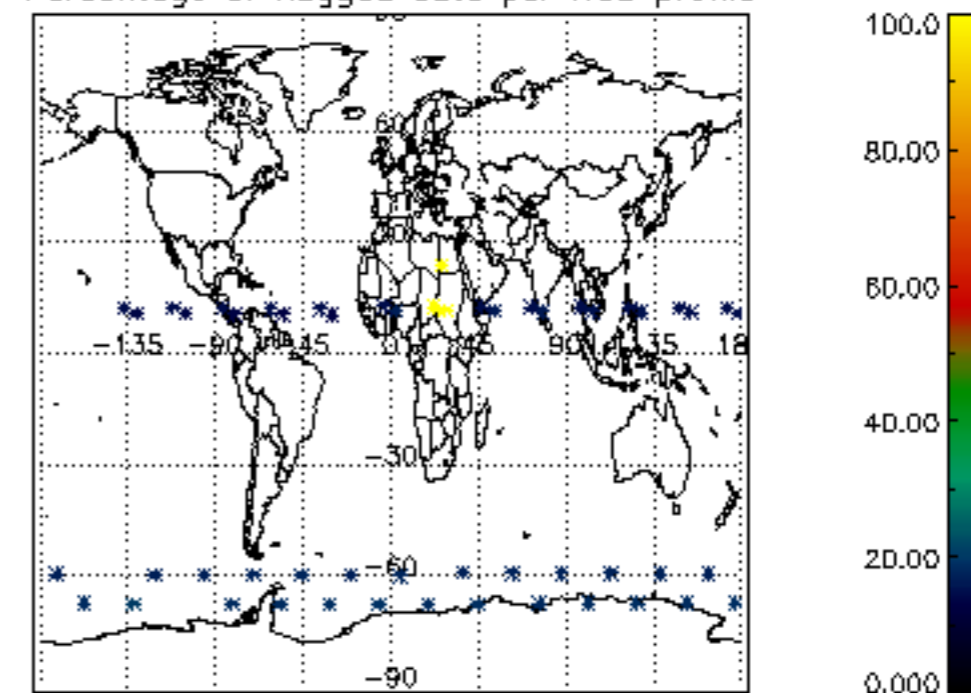
Percentage of flagged data per H2O profile

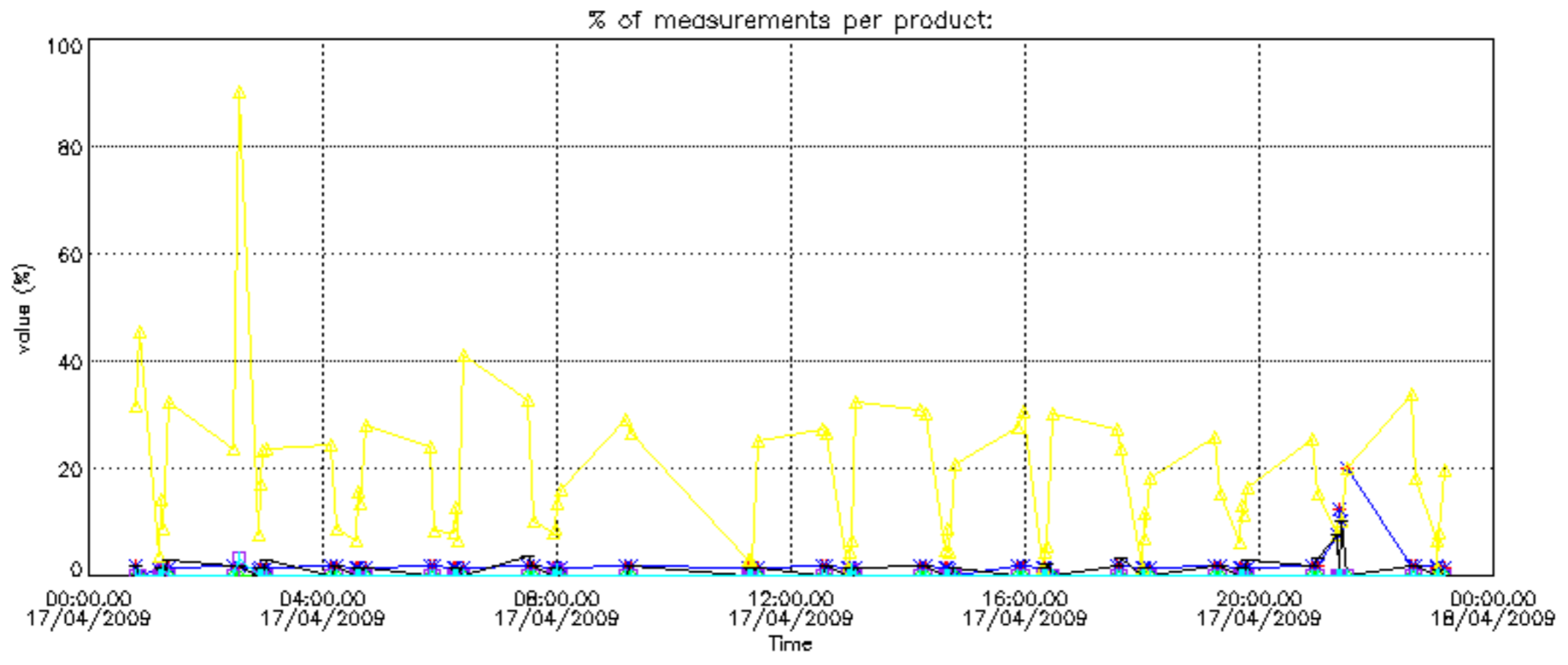


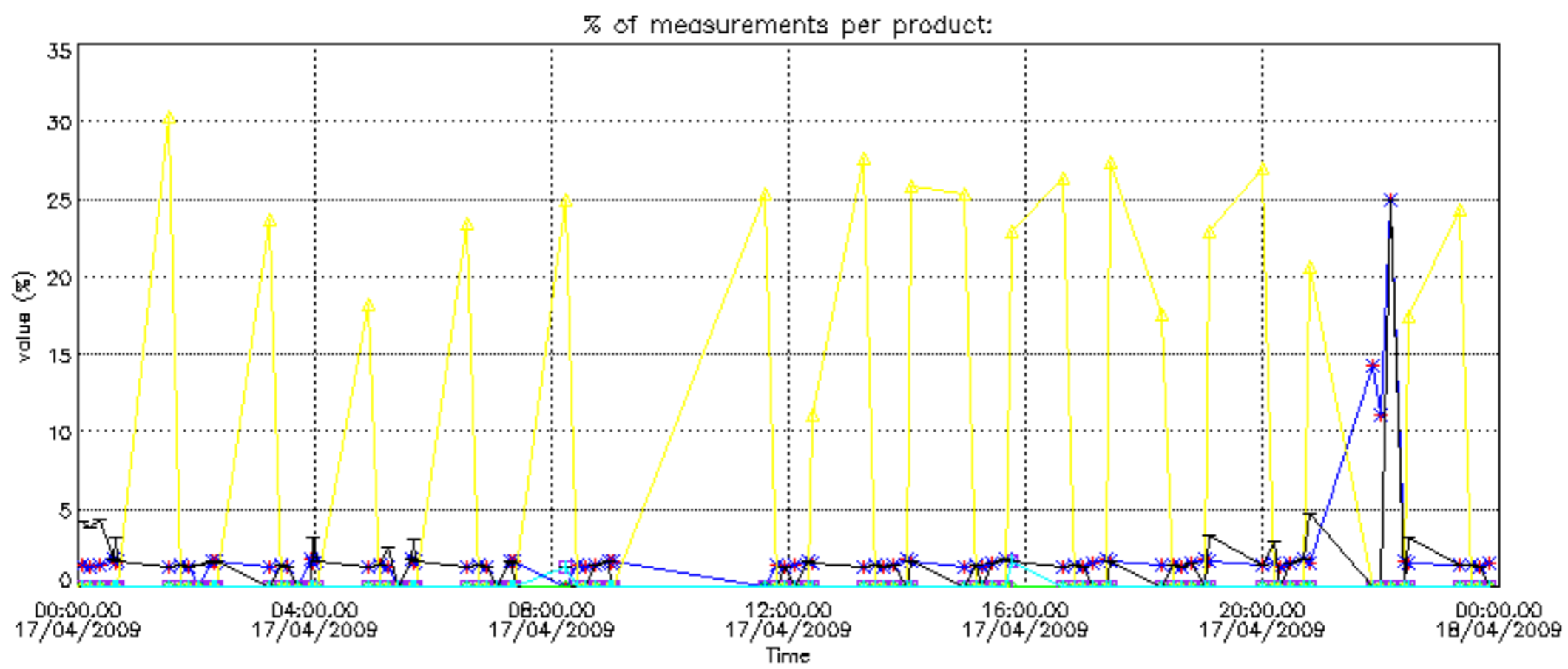
Percentage of flagged data per NO2 profile



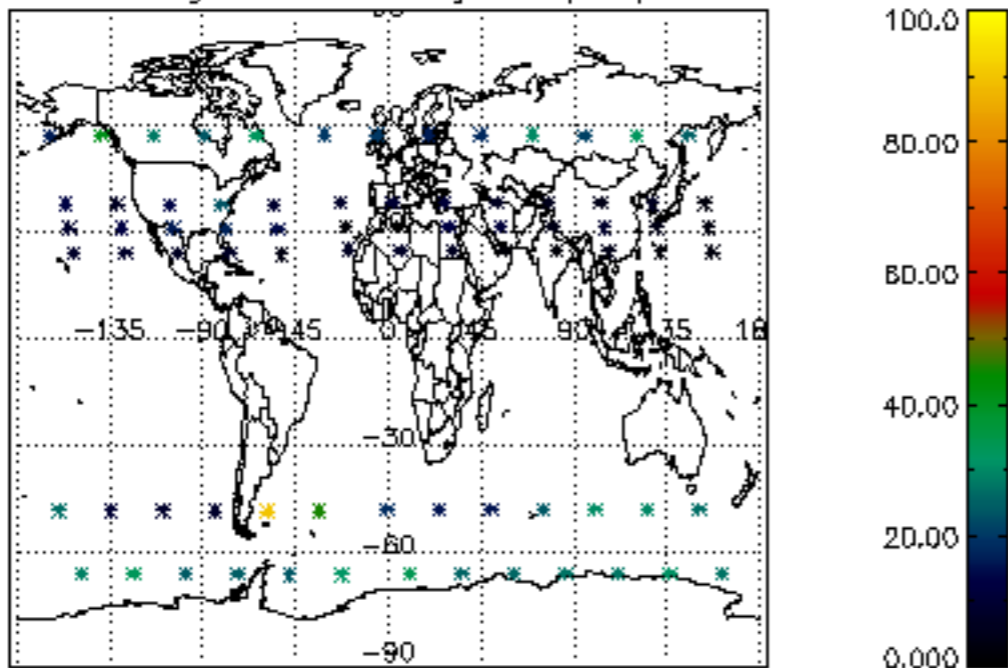
Percentage of flagged data per NO3 profile



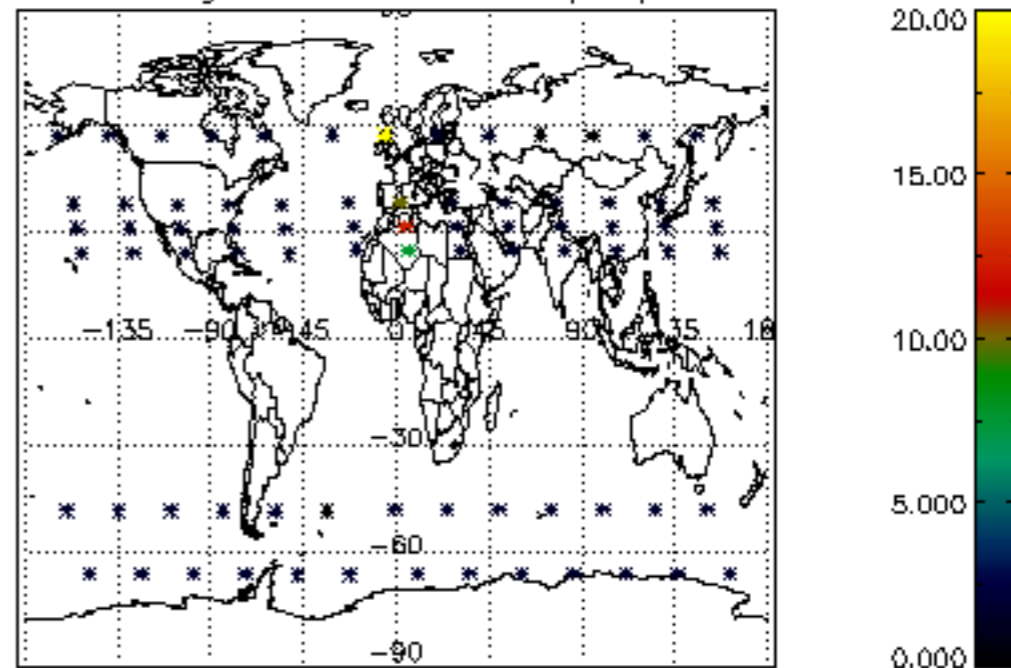




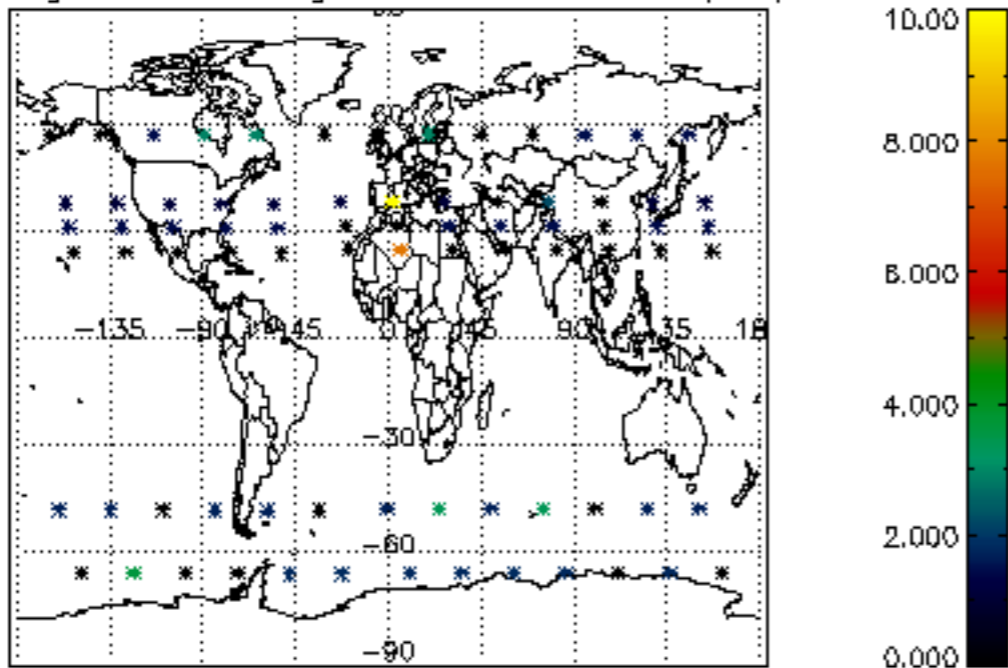
Percentage of cosmic ray hits per profile



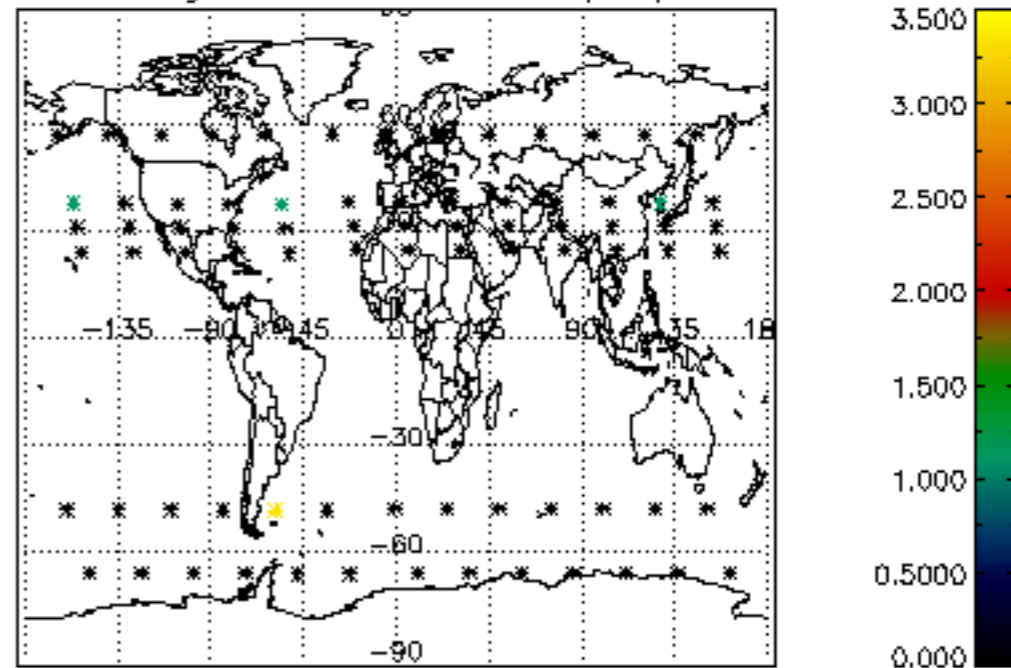
Percentage of datation errors per profile



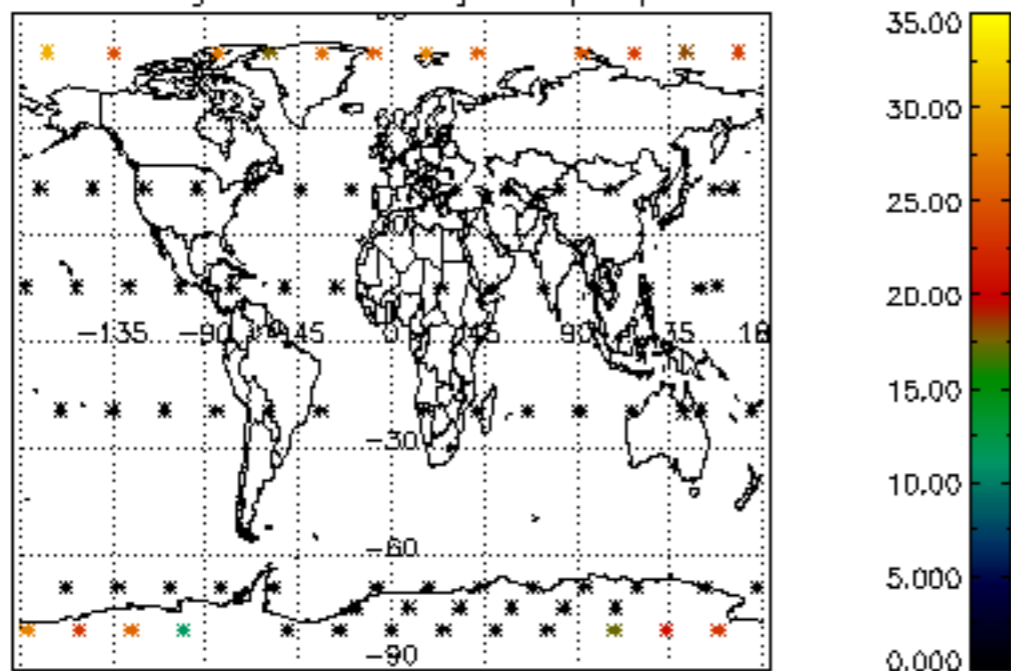
Percentage of star falling outside central band per profile



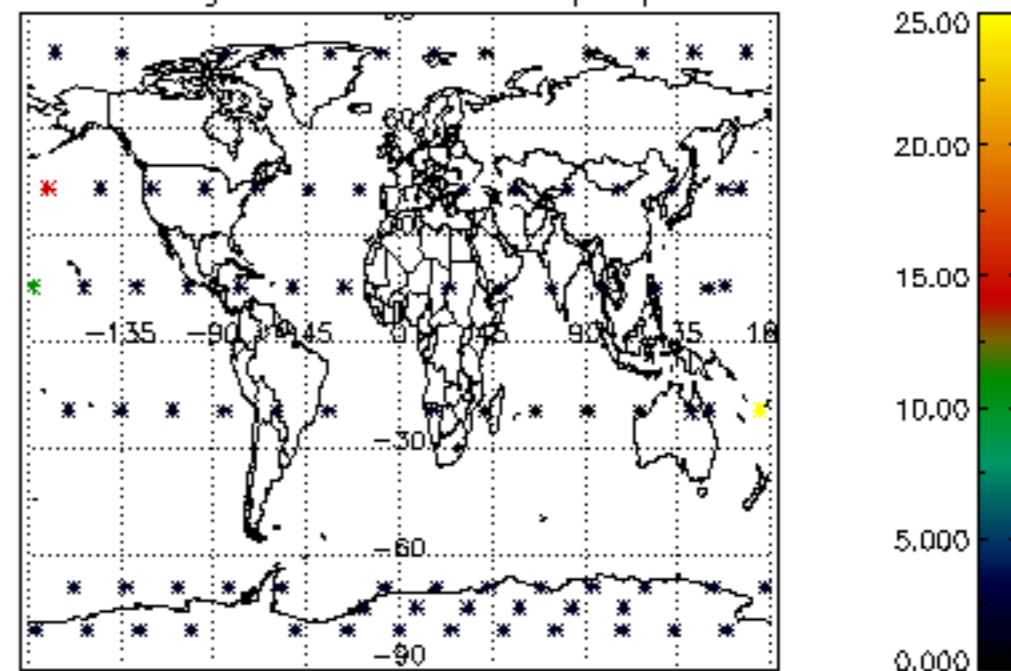
Percentage of saturation errors per profile



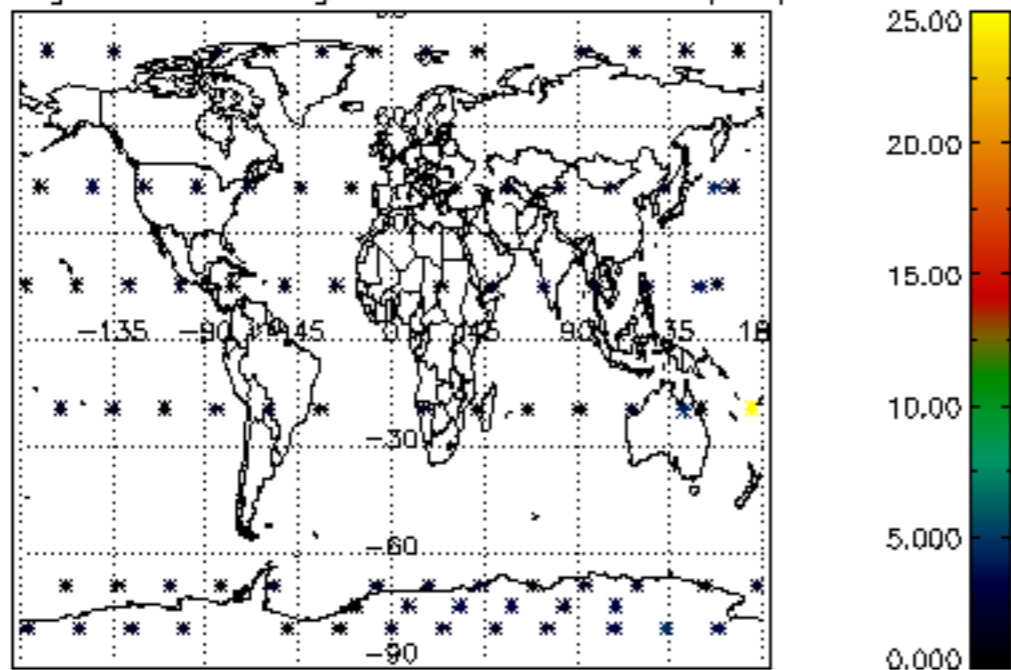
Percentage of cosmic ray hits per profile



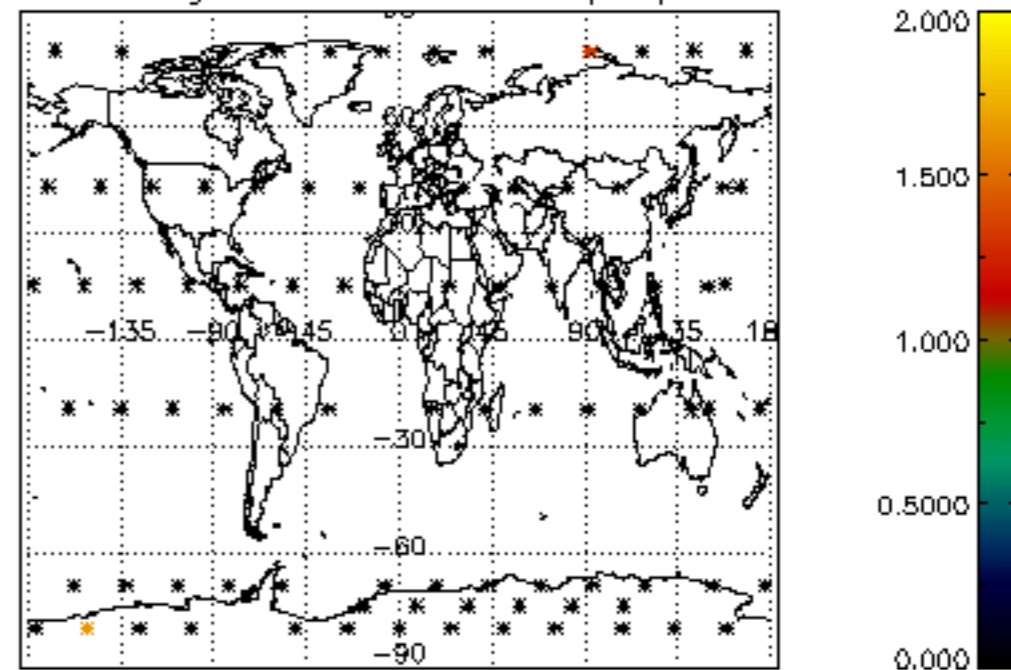
Percentage of datation errors per profile

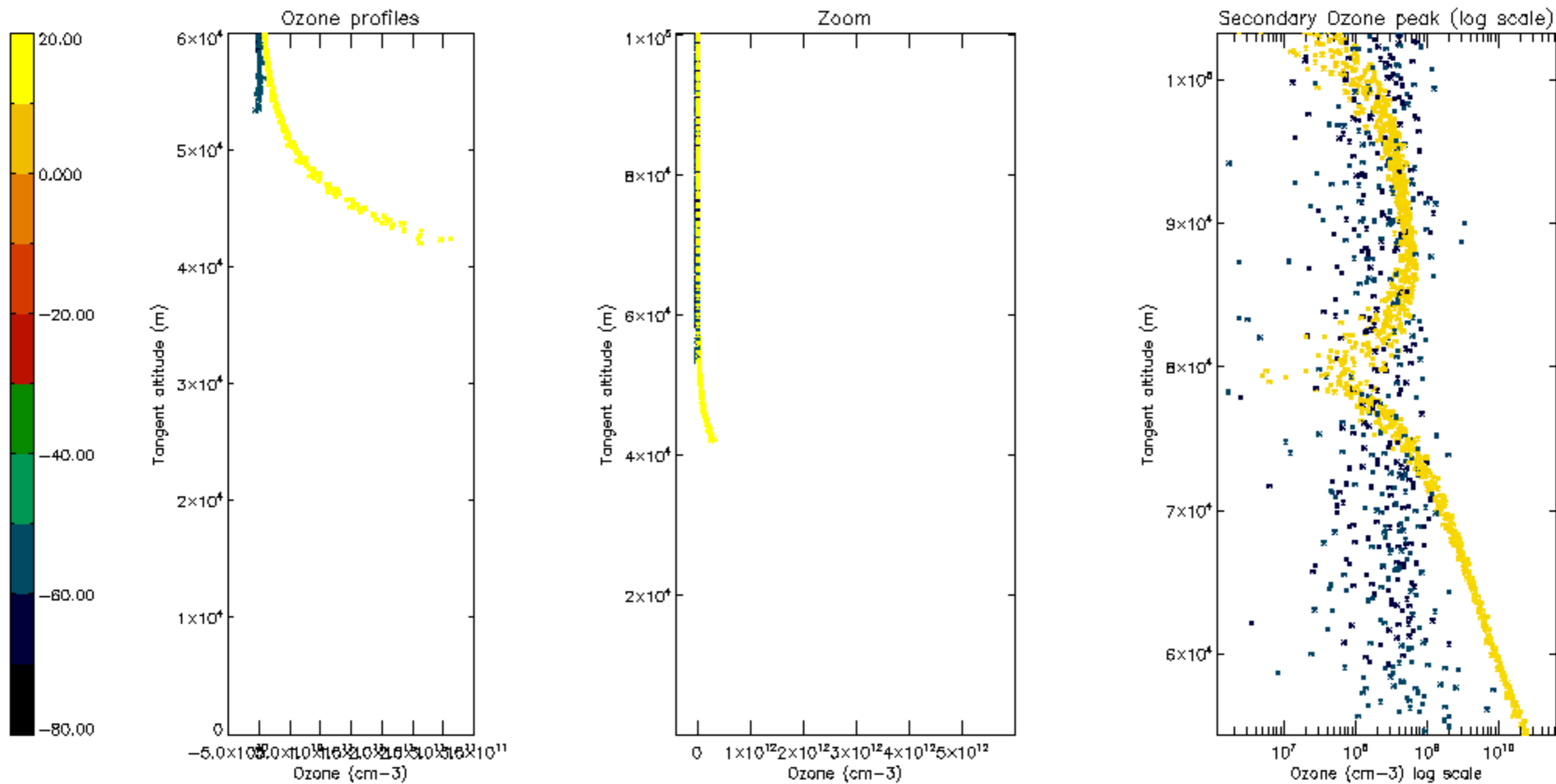


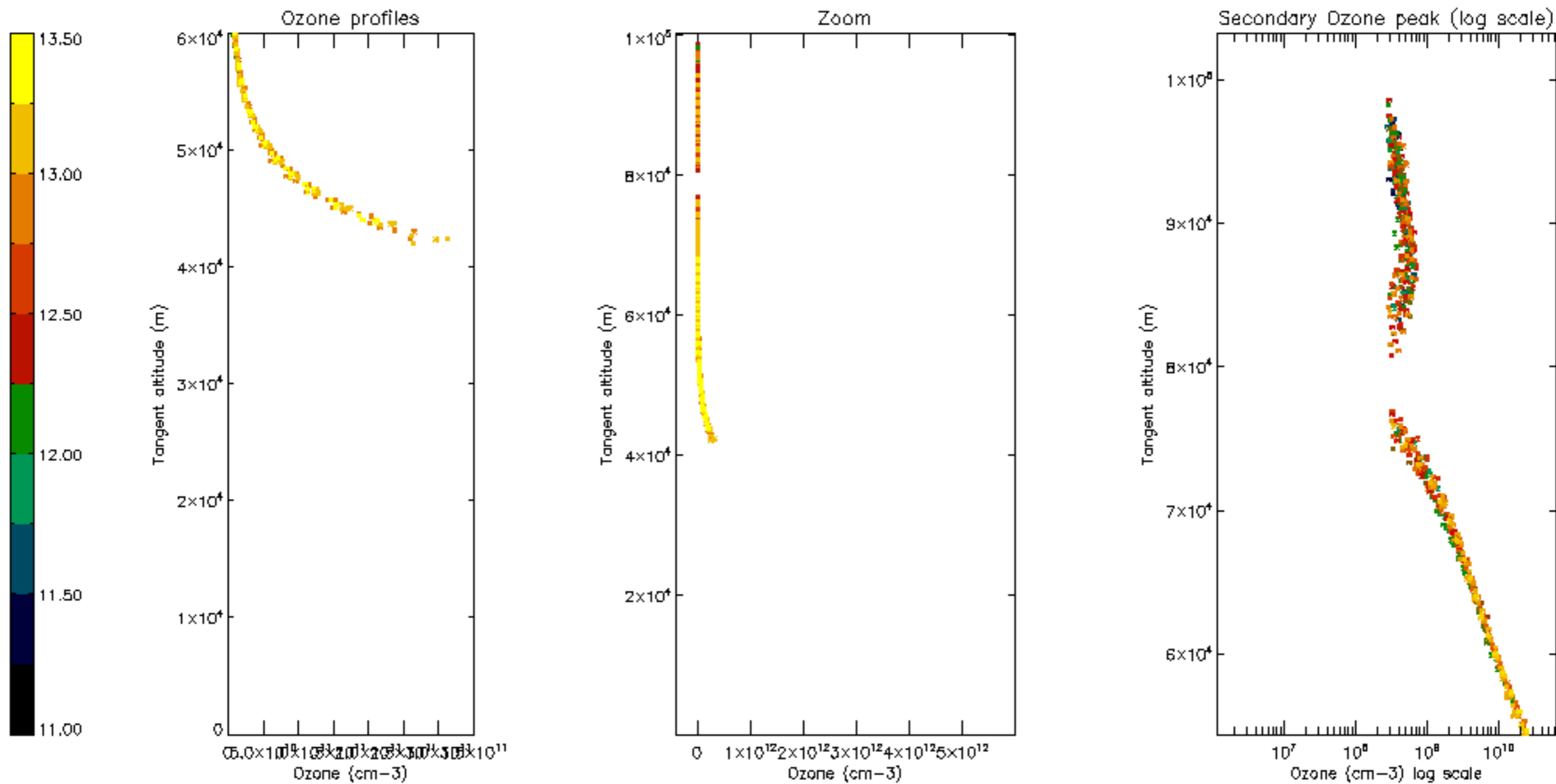
Percentage of star falling outside central band per profile

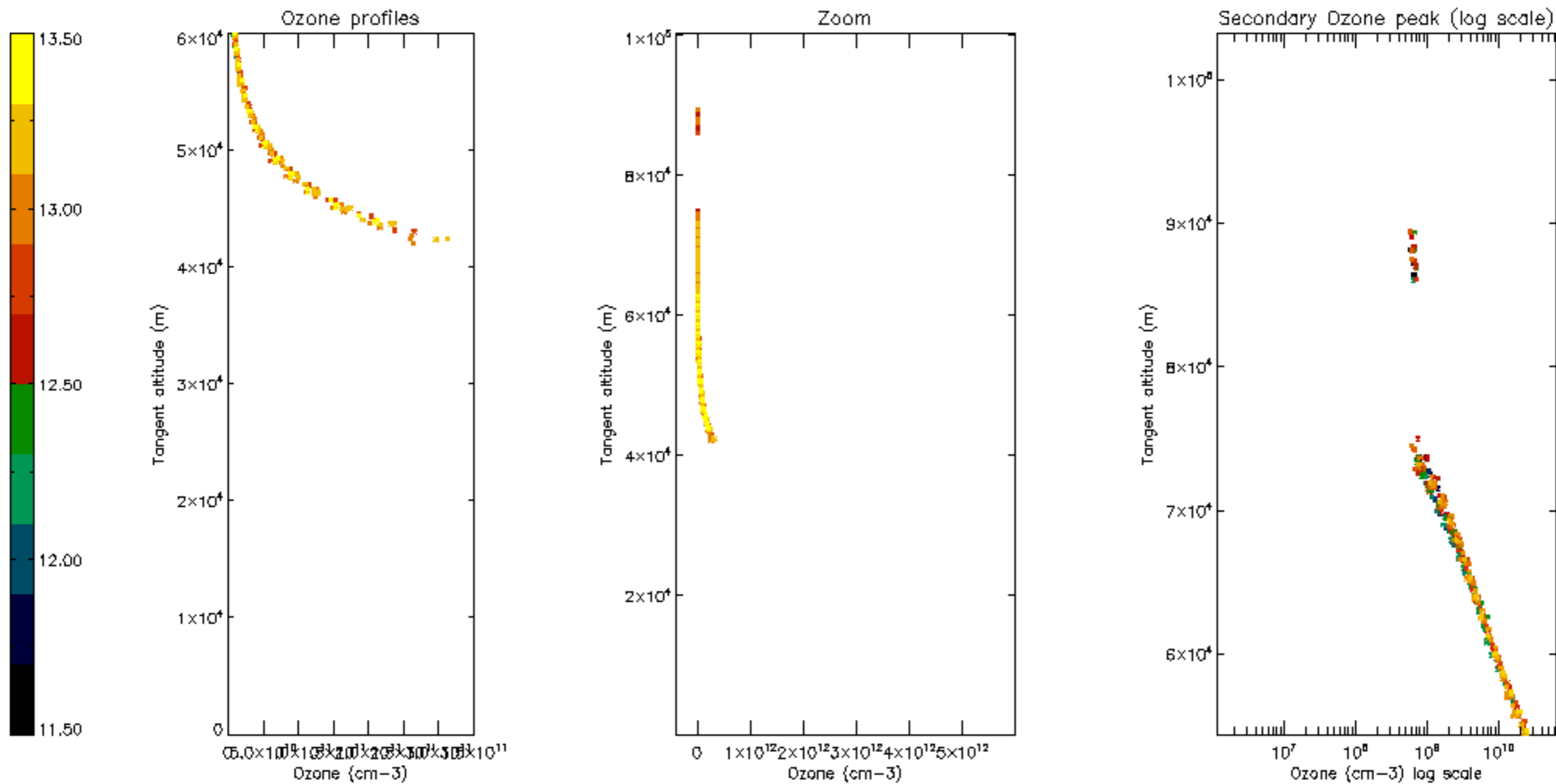


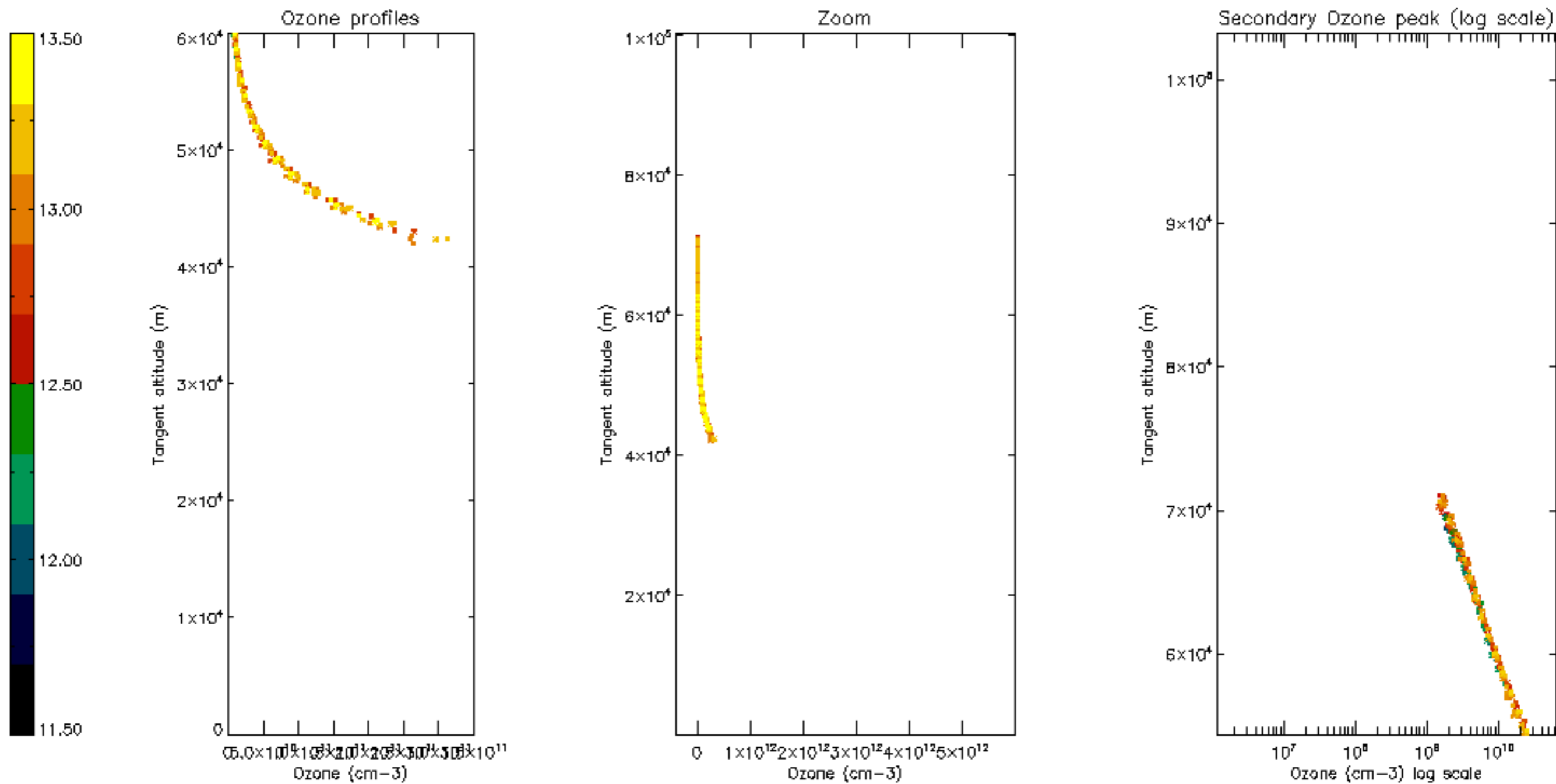
Percentage of saturation errors per profile

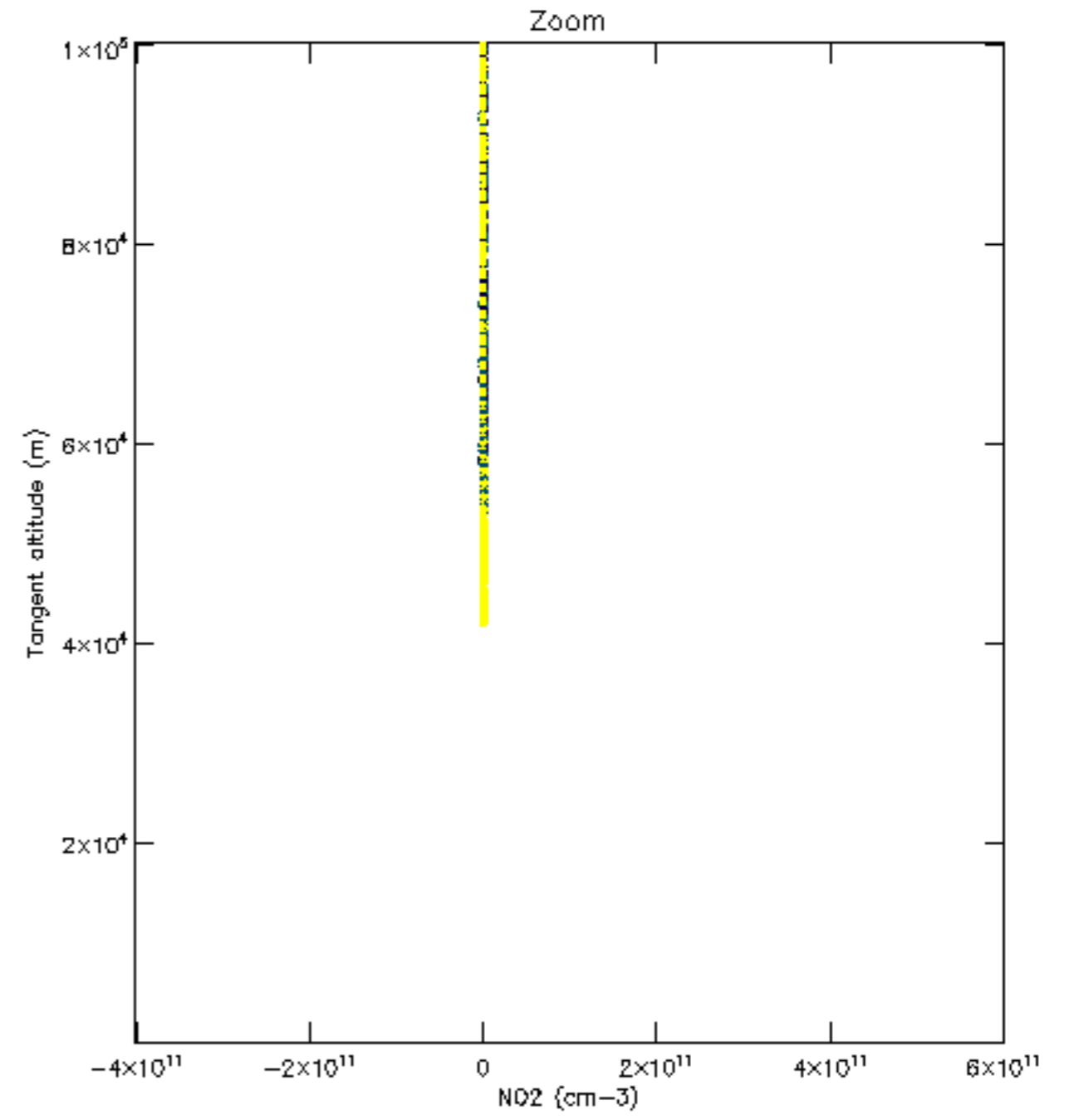
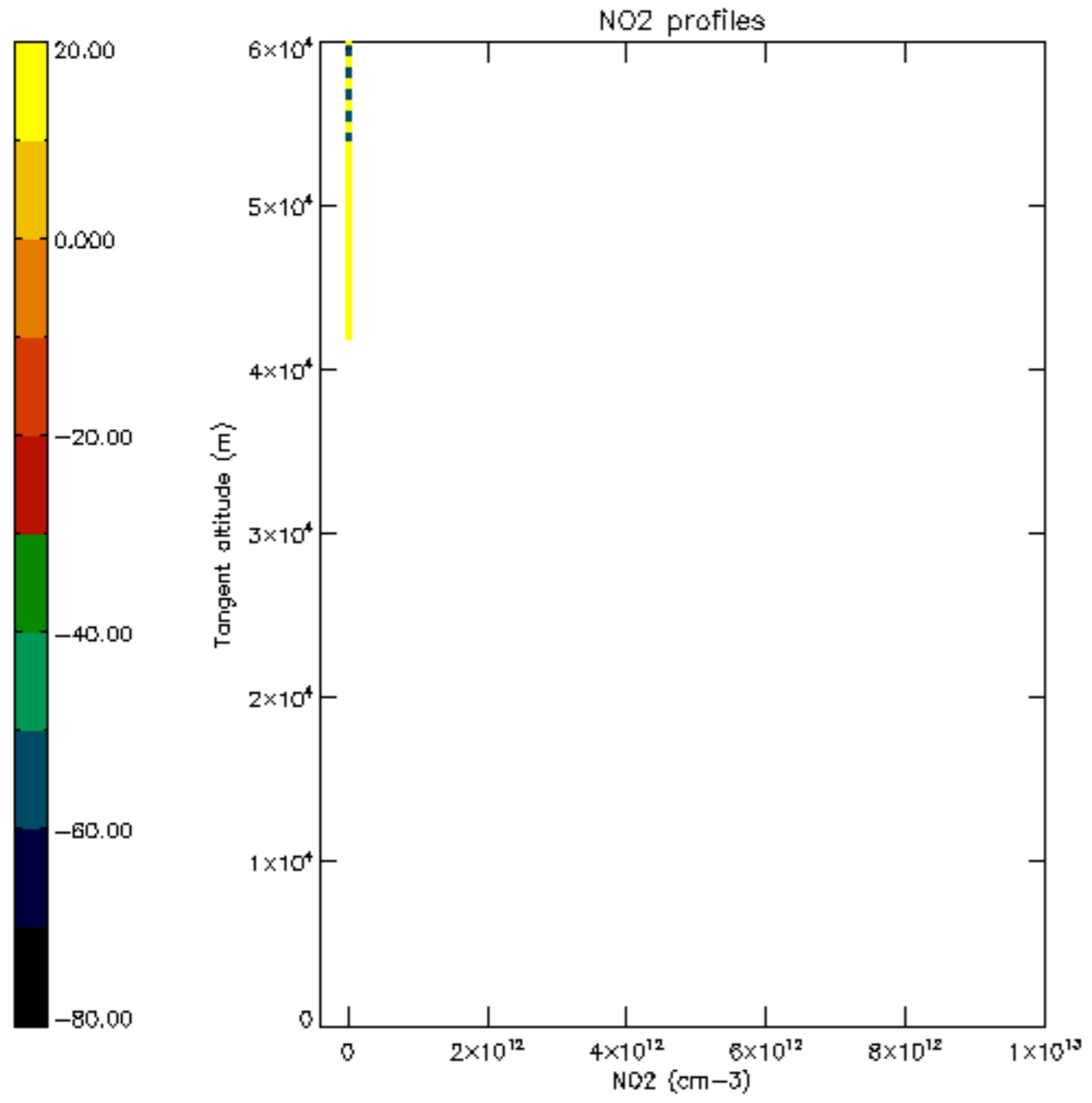


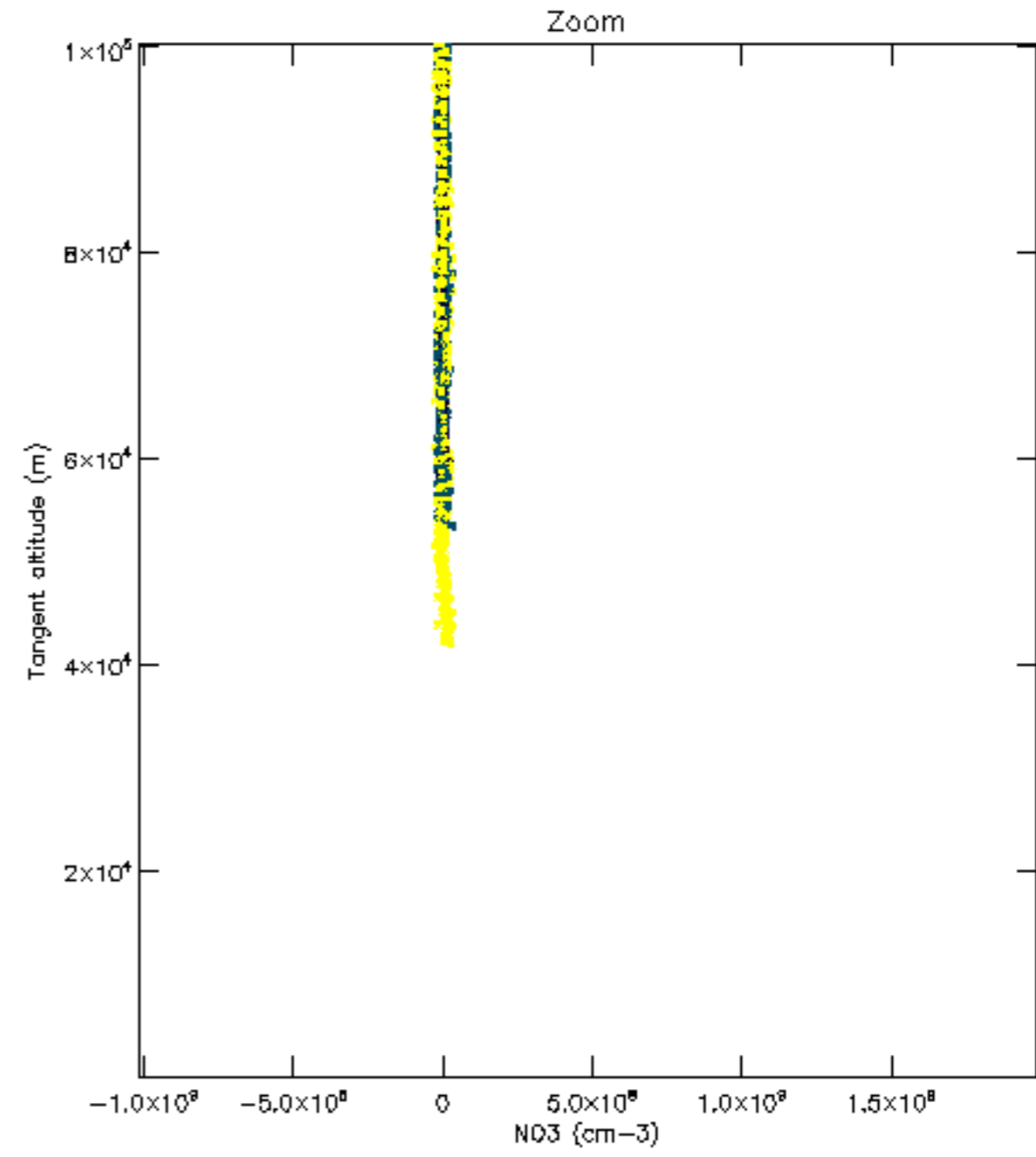
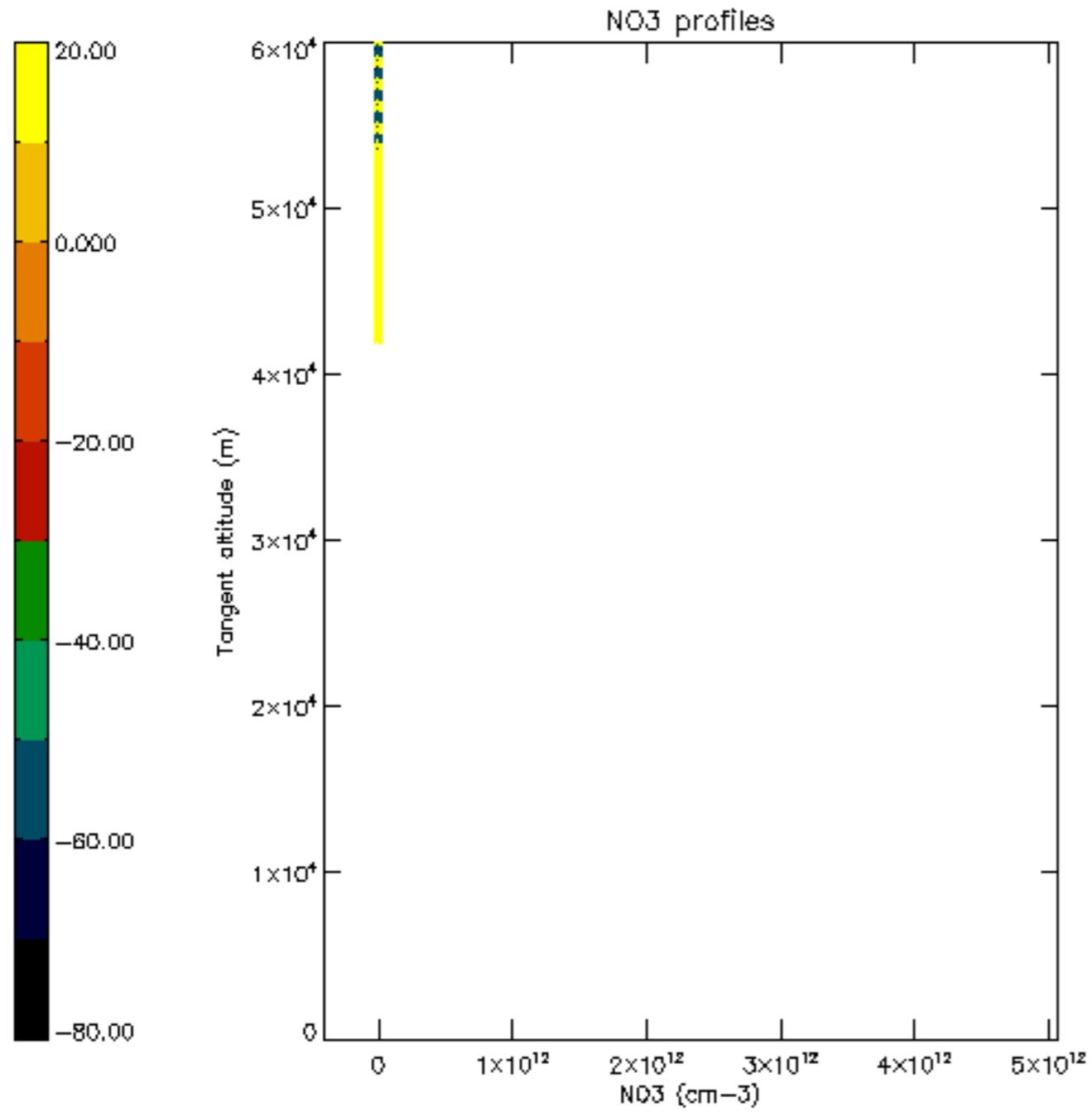


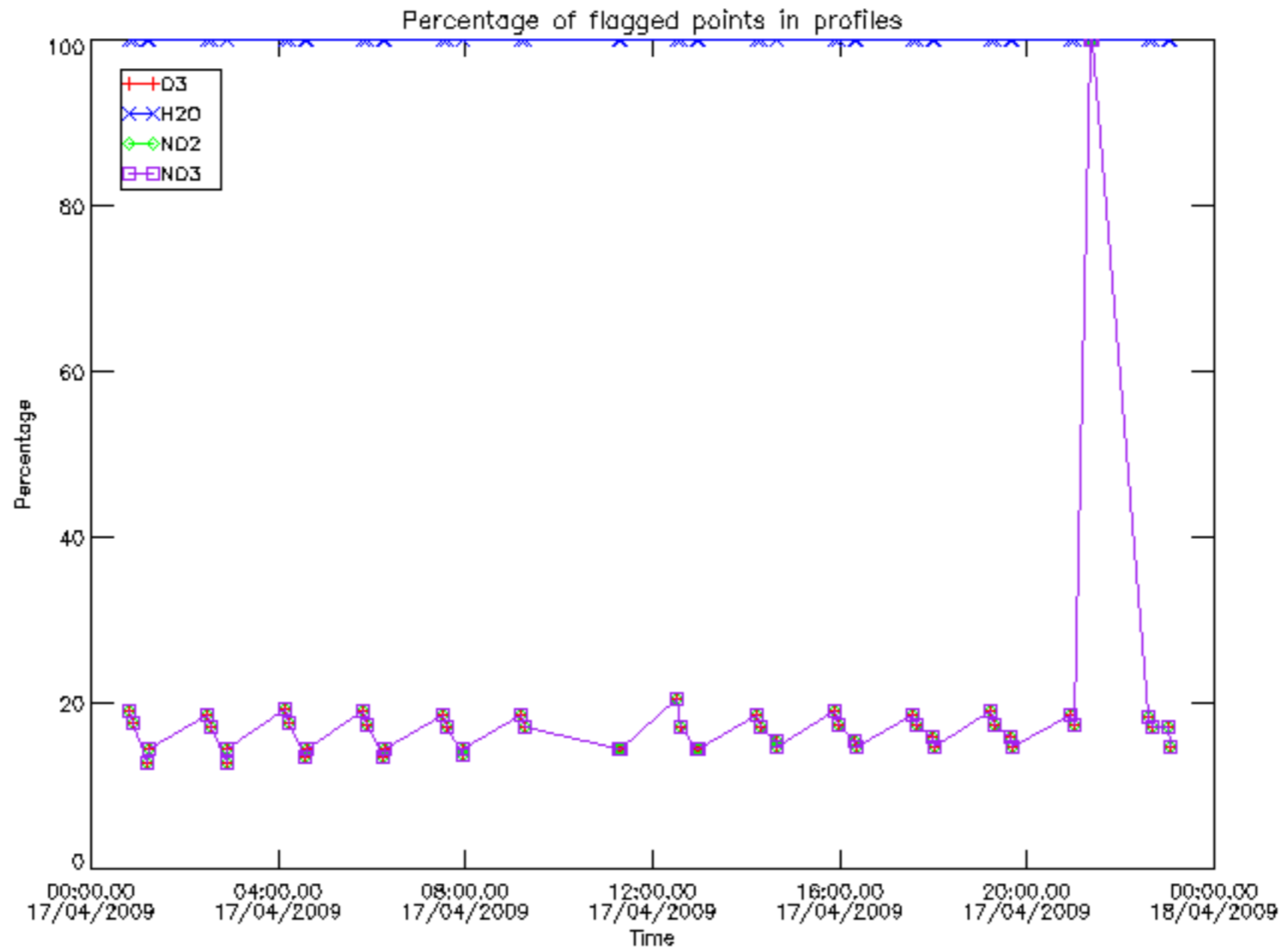




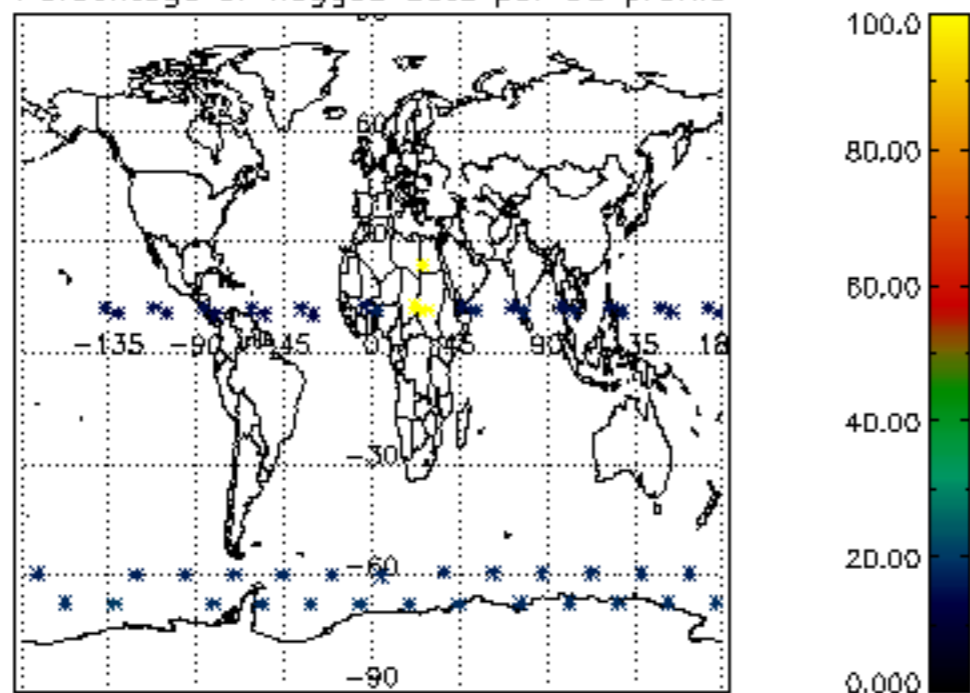




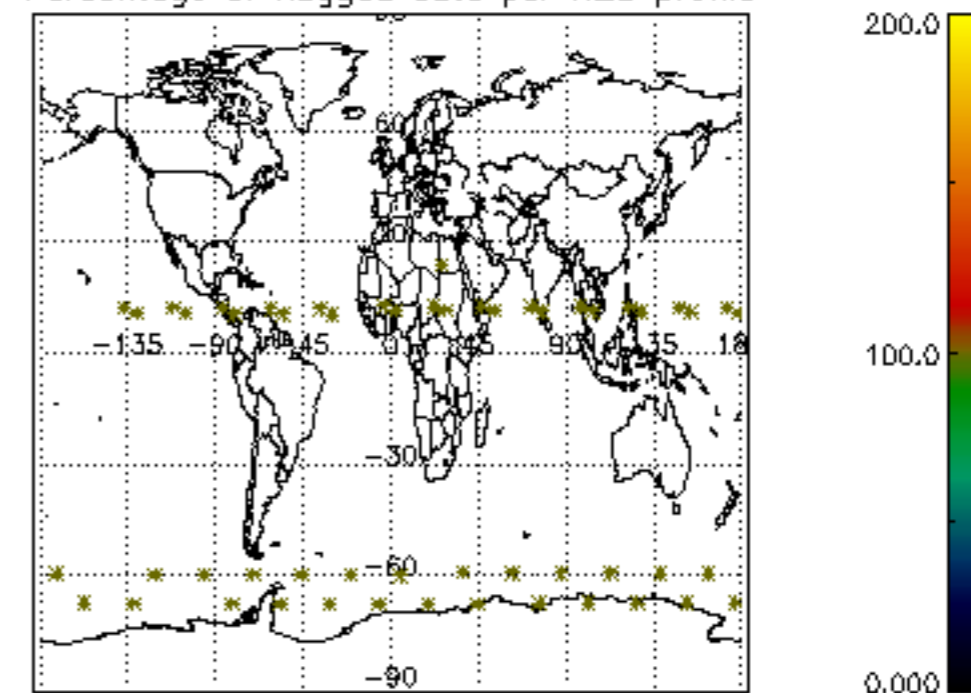




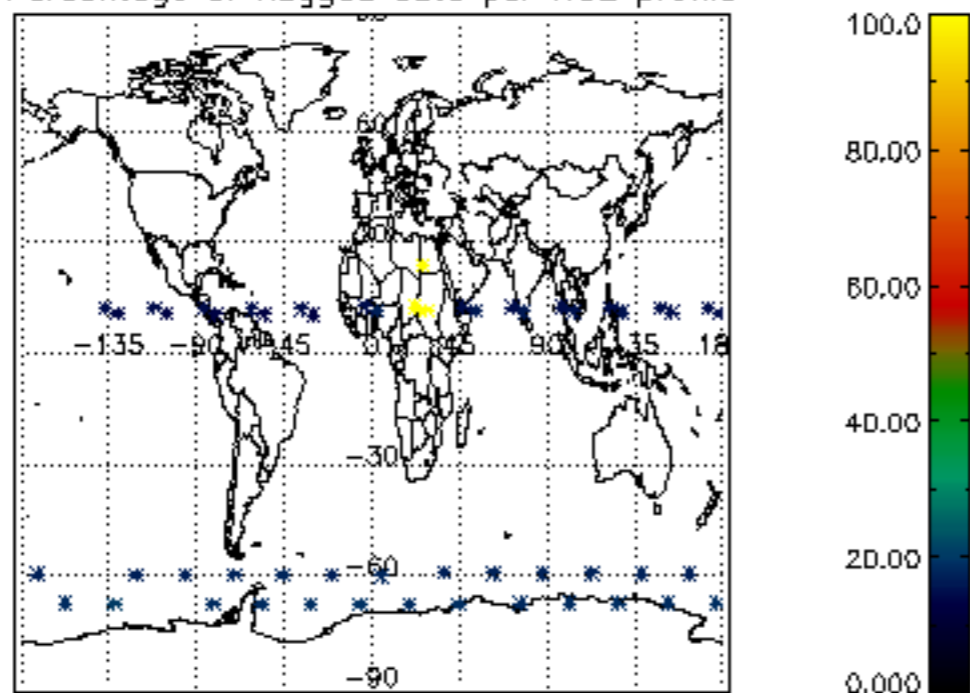
Percentage of flagged data per D3 profile



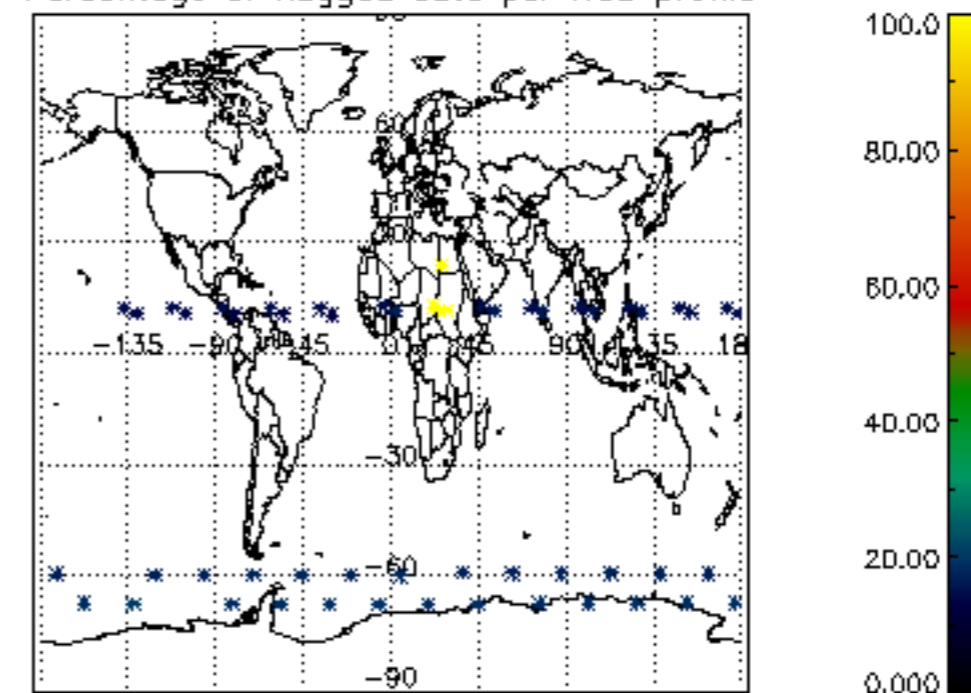
Percentage of flagged data per H2O profile

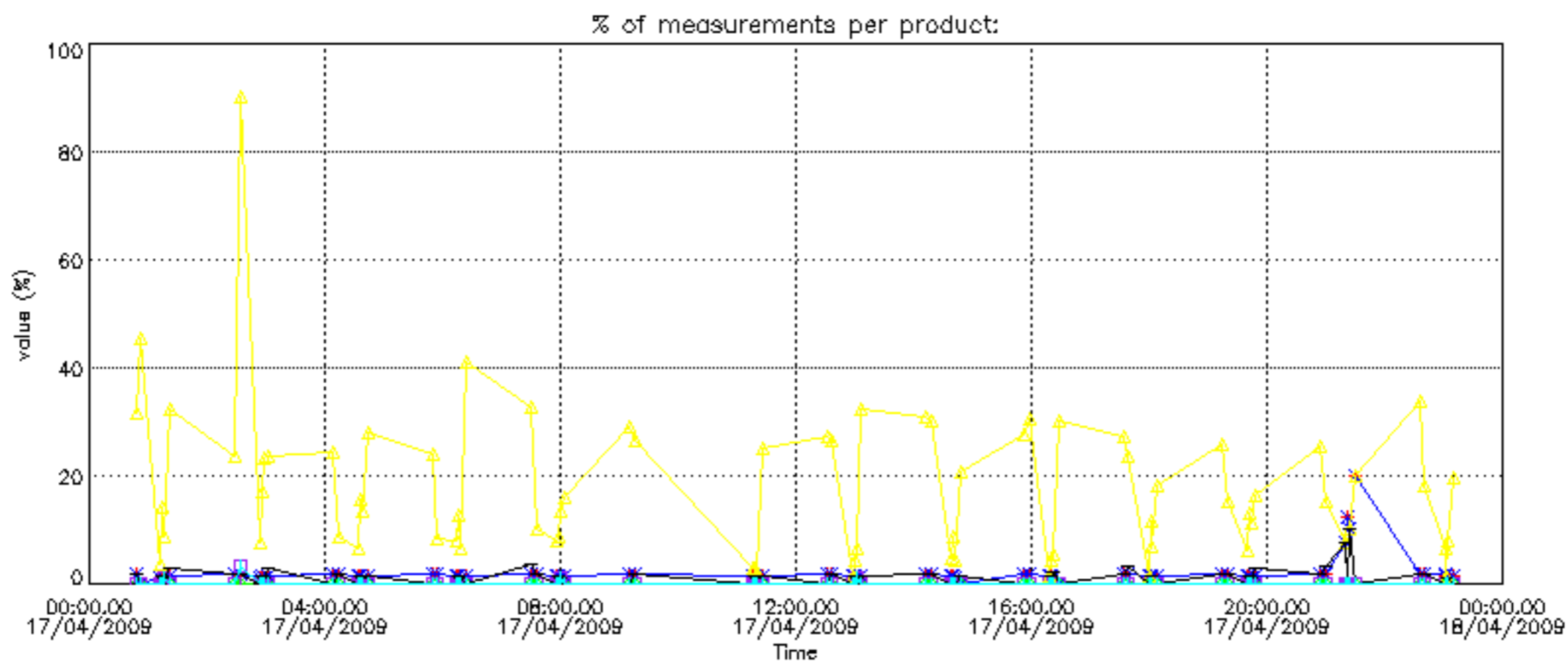


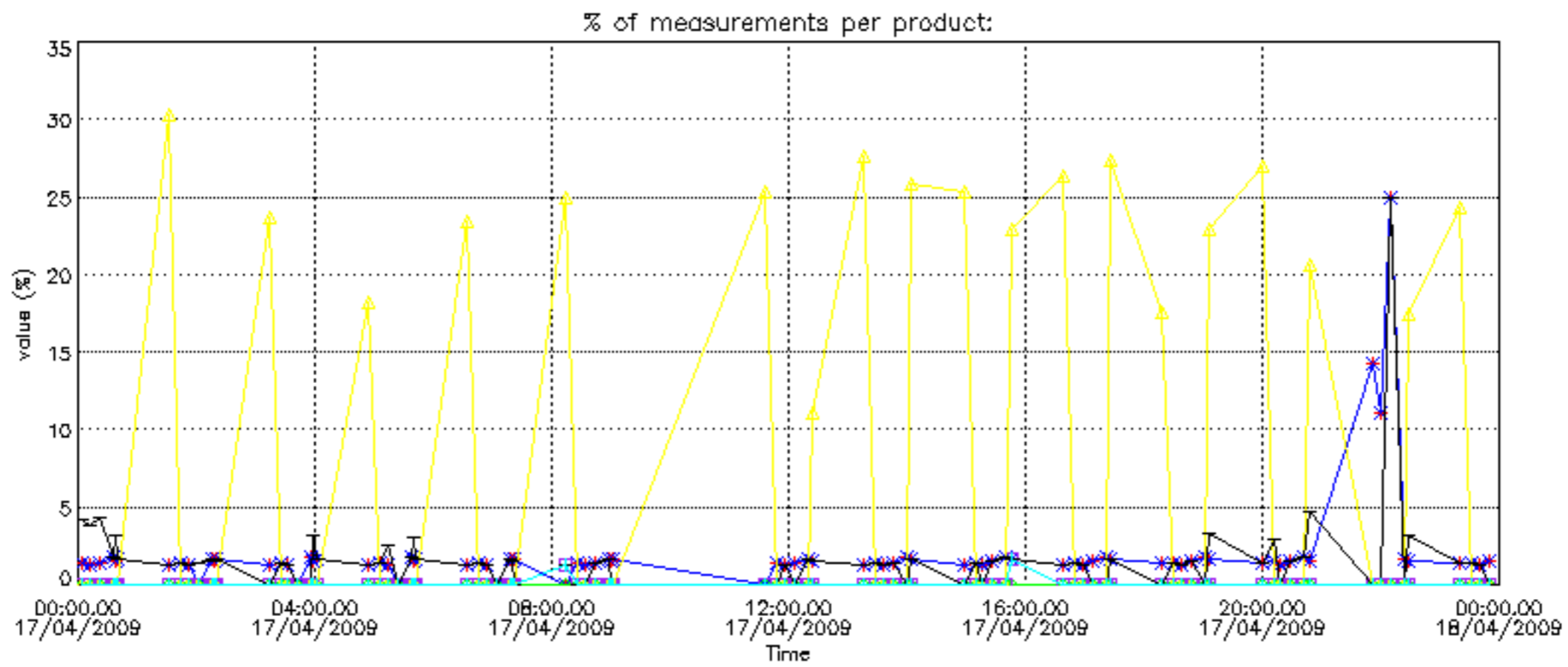
Percentage of flagged data per NO2 profile



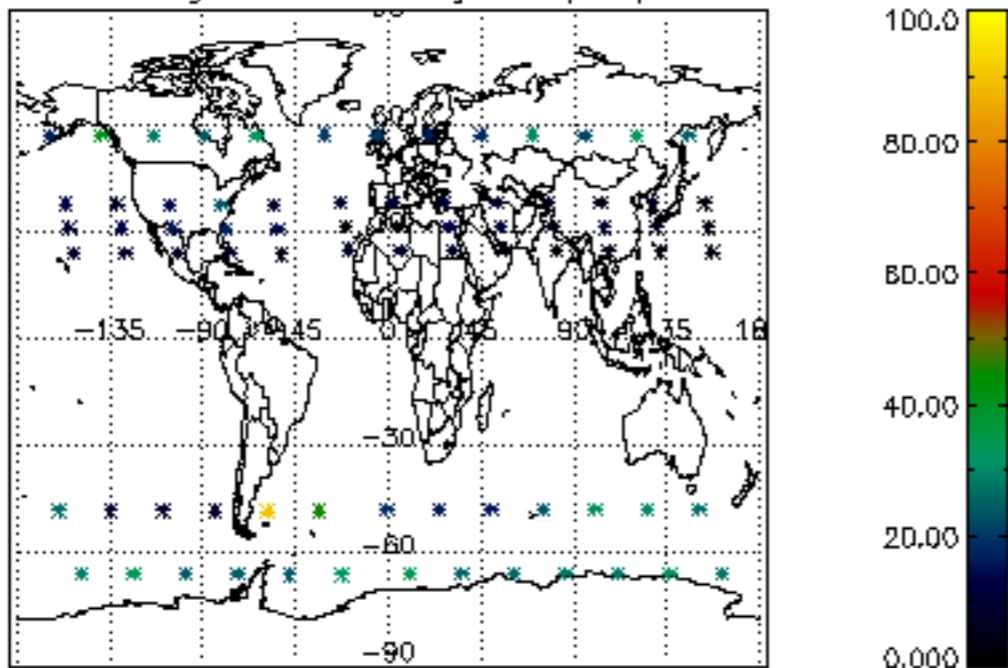
Percentage of flagged data per NO3 profile



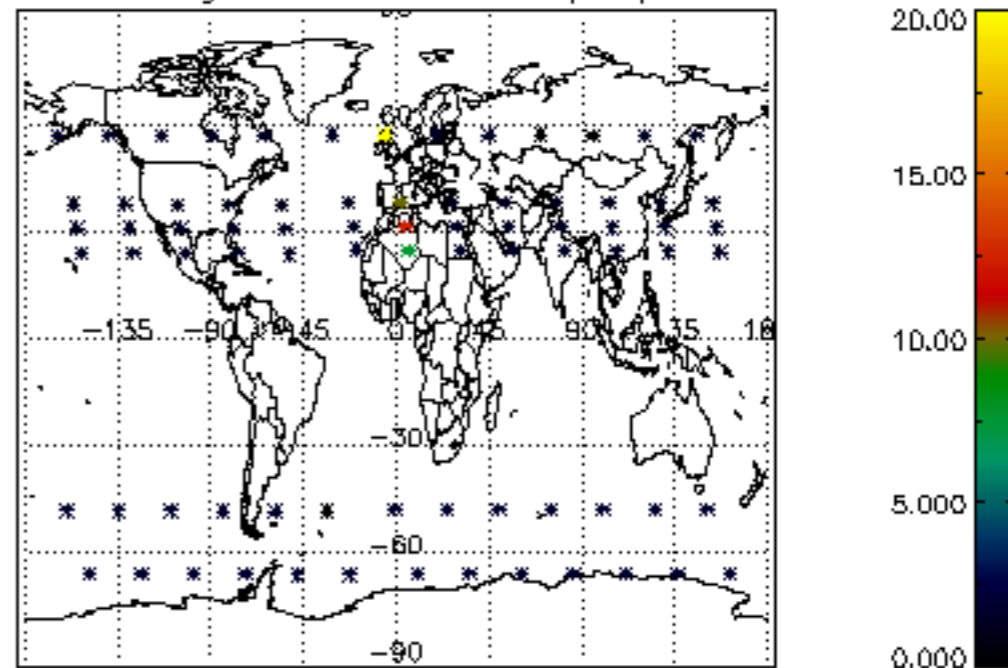




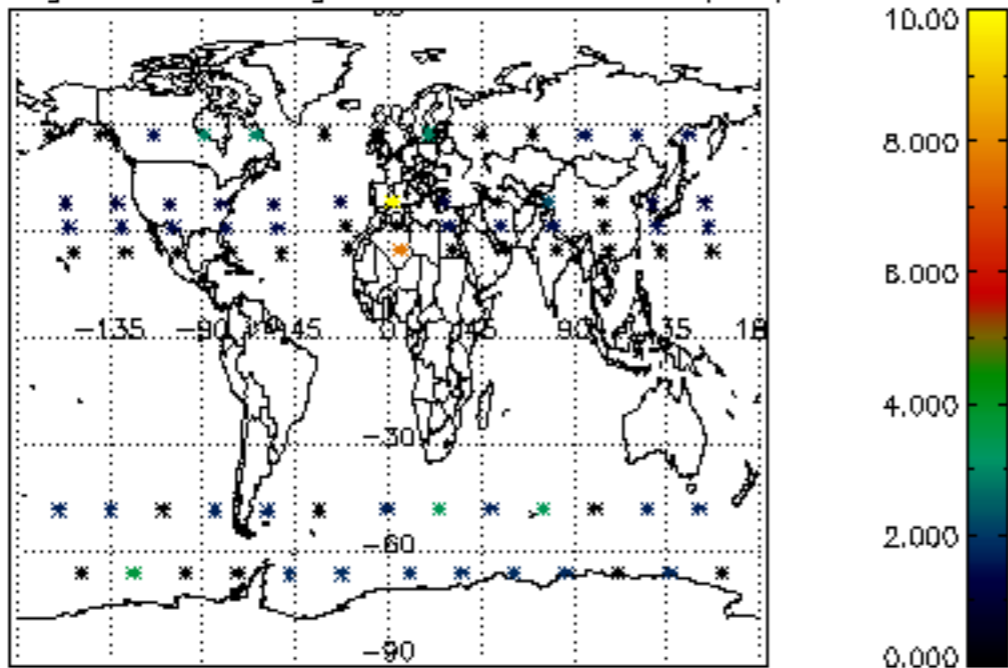
Percentage of cosmic ray hits per profile



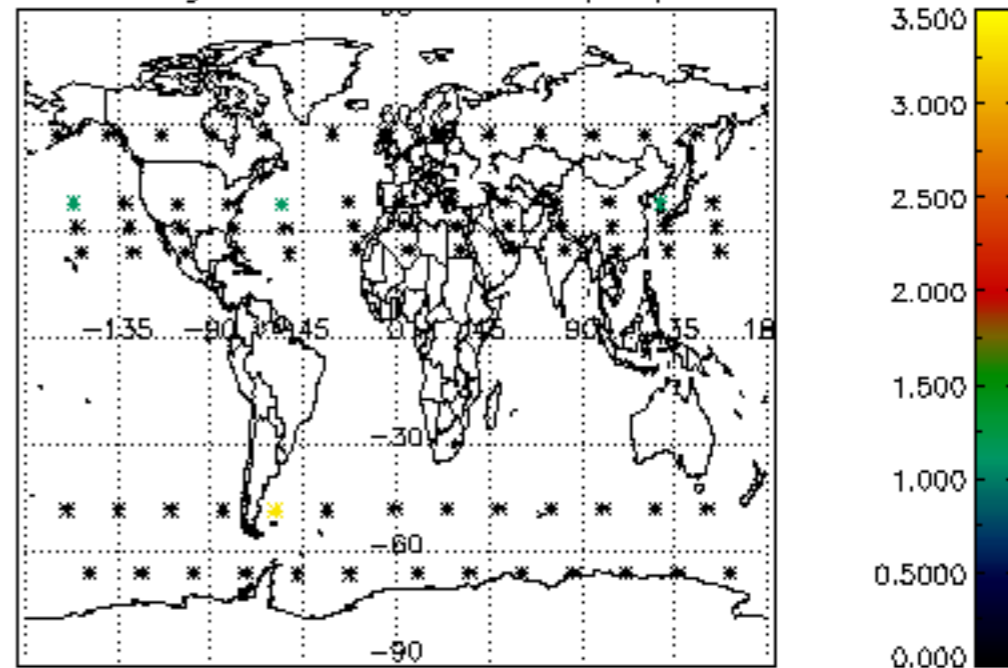
Percentage of datation errors per profile



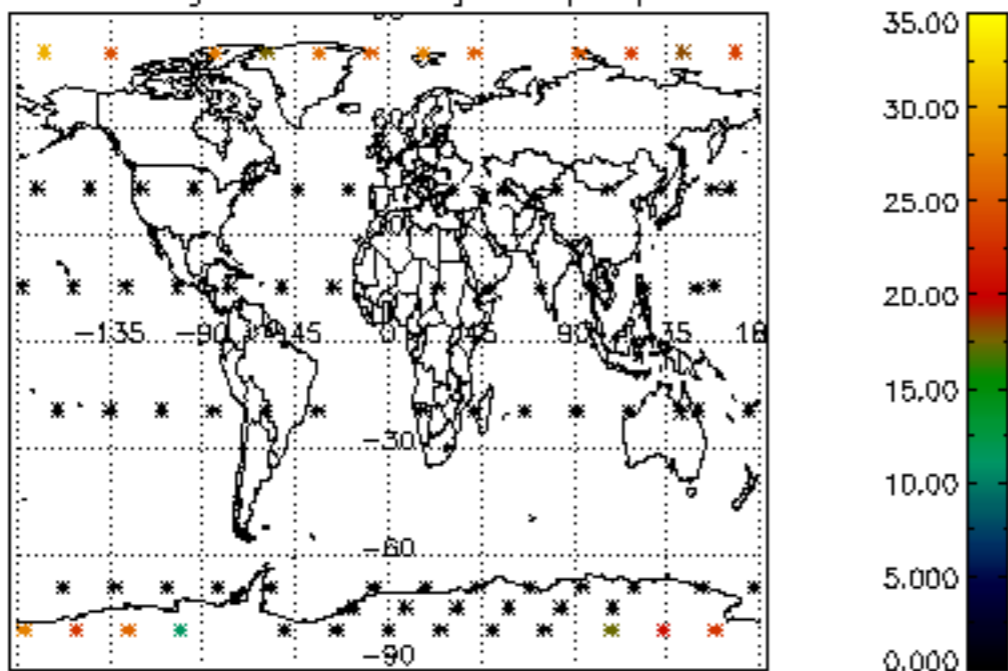
Percentage of star falling outside central band per profile



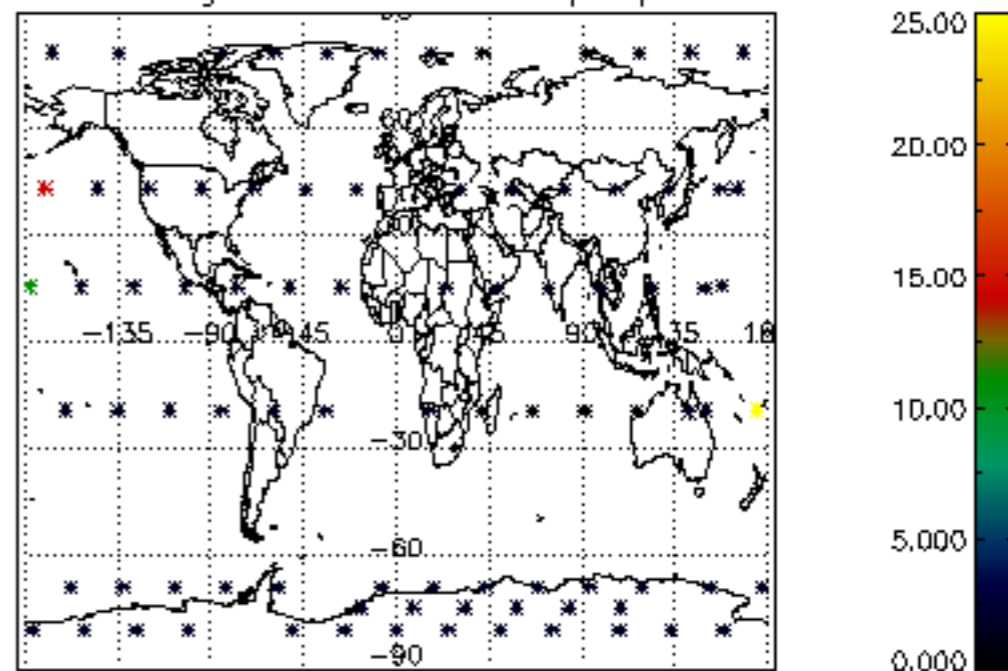
Percentage of saturation errors per profile



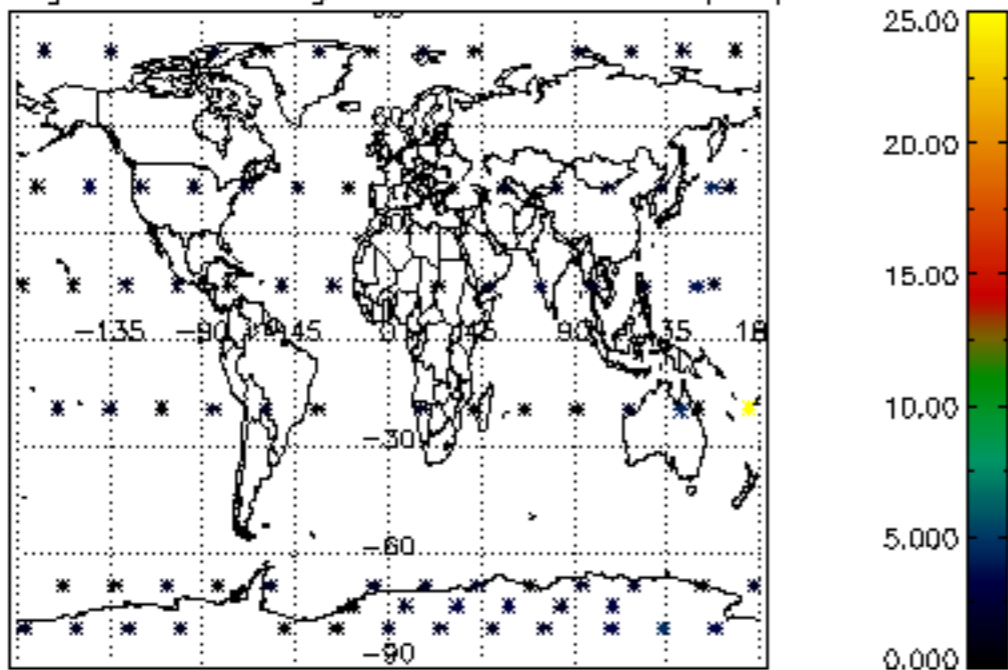
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

