

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 08:56:37
Data source version	GOMOS/6.01
Start time of products	21-04-2009 (21APR2009 00:00:00)
Stop time of products	22-04-2009 (22APR2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	163
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

!Warning: No products without errors in BRIGHT limb contitions found

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20090421_000929_000000222078_00202_37330_8932.N1	21-APR-2009 00:09:29	Twi_and_stray	22.000	19	50Alp Cyg	1.2460	10500.	44	37330	No
2	GOM_NL__2PRFIN20090421_002205_000000222078_00202_37330_8933.N1	21-APR-2009 00:22:05	Dark	21.500	61	8Eps Peg	2.1000	3900.0	43	37330	No
3	GOM_NL__2PRFIN20090421_002728_000000242078_00202_37330_8934.N1	21-APR-2009 00:27:28	Dark	23.500	154	22Bet Aqr	2.8990	5700.0	47	37330	No
4	GOM_NL__2PRFIN20090421_004950_000000272078_00203_37331_8939.N1	21-APR-2009 00:49:50	Dark	27.000	147	Alp Ara	2.8770	26000.	54	37331	No
5	GOM_NL__2PRFIN20090421_005203_000000352078_00203_37331_8940.N1	21-APR-2009 00:52:03	Straylight	34.500	25	35Lam Sco	1.6200	28000.	69	37331	No
6	GOM_NL__2PRFIN20090421_005545_000000342078_00203_37331_8941.N1	21-APR-2009 00:55:45	Straylight	33.500	75	26Eps Sco	2.2910	4250.0	67	37331	No
7	GOM_NL__2PRFIN20090421_010639_000000272078_00203_37331_8942.N1	21-APR-2009 01:06:39	Twi_and_stray	27.000	122	9Alp2Lib	2.7470	9700.0	54	37331	No
8	GOM_NL__2PRFIN20090421_011815_000000262078_00203_37331_8943.N1	21-APR-2009 01:18:15	Twi_and_stray	26.000	111	8Eta Boo	2.6800	6000.0	52	37331	No
9	GOM_NL__2PRFIN20090421_012543_000000292078_00203_37331_8944.N1	21-APR-2009 01:25:43	Twi_and_stray	28.500	180	27Gam Boo	3.0400	8000.0	57	37331	No
10	GOM_NL__2PRFIN20090421_012718_000000252078_00203_37331_8945.N1	21-APR-2009 01:27:18	Twi_and_stray	24.500	39	85Eta UMa	1.8540	24000.	49	37331	No
11	GOM_NL__2PRFIN20090421_013527_000000272078_00203_37331_8946.N1	21-APR-2009 01:35:27	Twi_and_stray	26.500	119	14Eta Dra	2.7270	4700.0	53	37331	No
12	GOM_NL__2PRFIN20090421_015004_000000222078_00203_37331_8947.N1	21-APR-2009 01:50:04	Twi_and_stray	22.000	19	50Alp Cyg	1.2460	10500.	44	37331	No
13	GOM_NL__2PRFIN20090421_020241_000000212078_00203_37331_8948.N1	21-APR-2009 02:02:41	Dark	20.500	61	8Eps Peg	2.1000	3900.0	41	37331	No
14	GOM_NL__2PRFIN20090421_020805_000000242078_00203_37331_8949.N1	21-APR-2009 02:08:05	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37331	No
15	GOM_NL__2PRFIN20090421_023027_000000272078_00204_37332_8953.N1	21-APR-2009 02:30:27	Dark	27.000	147	Alp Ara	2.8770	26000.	54	37332	No
16	GOM_NL__2PRFIN20090421_023240_000000352078_00204_37332_8954.N1	21-APR-2009 02:32:40	Straylight	34.500	25	35Lam Sco	1.6200	28000.	69	37332	No
17	GOM_NL__2PRFIN20090421_023622_000000342078_00204_37332_8955.N1	21-APR-2009 02:36:22	Straylight	33.500	75	26Eps Sco	2.2910	4250.0	67	37332	No
18	GOM_NL__2PRFIN20090421_024715_000000272078_00204_37332_8956.N1	21-APR-2009 02:47:15	Twi_and_stray	27.000	122	9Alp2Lib	2.7470	9700.0	54	37332	No
19	GOM_NL__2PRFIN20090421_025851_000000262078_00204_37332_8957.N1	21-APR-2009 02:58:51	Twi_and_stray	25.500	111	8Eta Boo	2.6800	6000.0	51	37332	No
20	GOM_NL__2PRFIN20090421_030618_000000292078_00204_37332_8958.N1	21-APR-2009 03:06:18	Twi_and_stray	28.500	180	27Gam Boo	3.0400	8000.0	57	37332	No
21	GOM_NL__2PRFIN20090421_030754_000000252078_00204_37332_8959.N1	21-APR-2009 03:07:54	Twi_and_stray	24.500	39	85Eta UMa	1.8540	24000.	49	37332	No
22	GOM_NL__2PRFIN20090421_031603_000000262078_00204_37332_8960.N1	21-APR-2009 03:16:03	Twi_and_stray	25.500	119	14Eta Dra	2.7270	4700.0	51	37332	No
23	GOM_NL__2PRFIN20090421_033040_000000222078_00204_37332_8961.N1	21-APR-2009 03:30:40	Twi_and_stray	22.000	19	50Alp Cyg	1.2460	10500.	44	37332	No
24	GOM_NL__2PRFIN20090421_034318_000000212078_00204_37332_8962.N1	21-APR-2009 03:43:18	Dark	21.000	61	8Eps Peg	2.1000	3900.0	42	37332	No
25	GOM_NL__2PRFIN20090421_034842_000000242078_00204_37332_8963.N1	21-APR-2009 03:48:42	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37332	No
26	GOM_NL__2PRFIN20090421_041104_000000272078_00205_37333_8965.N1	21-APR-2009 04:11:04	Dark	27.000	147	Alp Ara	2.8770	26000.	54	37333	No
27	GOM_NL__2PRFIN20090421_041318_000000352078_00205_37333_8966.N1	21-APR-2009 04:13:18	Straylight	34.500	25	35Lam Sco	1.6200	28000.	69	37333	No
28	GOM_NL__2PRFIN20090421_041659_000000342078_00205_37333_8967.N1	21-APR-2009 04:16:59	Straylight	33.500	75	26Eps Sco	2.2910	4250.0	67	37333	No
29	GOM_NL__2PRFIN20090421_042752_000000272078_00205_37333_8968.N1	21-APR-2009 04:27:52	Twi_and_stray	27.000	122	9Alp2Lib	2.7470	9700.0	54	37333	No
30	GOM_NL__2PRFIN20090421_043926_000000262078_00205_37333_8969.N1	21-APR-2009 04:39:26	Twi_and_stray	26.000	111	8Eta Boo	2.6800	6000.0	52	37333	No
31	GOM_NL__2PRFIN20090421_044653_000000292078_00205_37333_8970.N1	21-APR-2009 04:46:53	Twi_and_stray	28.500	180	27Gam Boo	3.0400	8000.0	57	37333	No
32	GOM_NL__2PRFIN20090421_044829_000000252078_00205_37333_8971.N1	21-APR-2009 04:48:29	Twi_and_stray	24.500	39	85Eta UMa	1.8540	24000.	49	37333	No
33	GOM_NL__2PRFIN20090421_045638_000000262078_00205_37333_8972.N1	21-APR-2009 04:56:38	Twi_and_stray	25.500	119	14Eta Dra	2.7270	4700.0	51	37333	No
34	GOM_NL__2PRFIN20090421_051116_000000222078_00205_37333_8973.N1	21-APR-2009 05:11:16	Twi_and_stray	22.000	19	50Alp Cyg	1.2460	10500.	44	37333	No
35	GOM_NL__2PRFIN20090421_052355_000000212078_00205_37333_8974.N1	21-APR-2009 05:23:55	Dark	21.000	61	8Eps Peg	2.1000	3900.0	42	37333	No
36	GOM_NL__2PRFIN20090421_052919_000000242078_00205_37333_8975.N1	21-APR-2009 05:29:19	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37333	No
37	GOM_NL__2PRFIN20090421_055140_000000282078_00206_37334_8984.N1	21-APR-2009 05:51:40	Dark	27.500	147	Alp Ara	2.8770	26000.	55	37334	No
38	GOM_NL__2PRFIN20090421_055355_000000352078_00206_37334_8985.N1	21-APR-2009 05:53:55	Straylight	34.500	25	35Lam Sco	1.6200	28000.	69	37334	No
39	GOM_NL__2PRFIN20090421_055736_000000342078_00206_37334_8986.N1	21-APR-2009 05:57:36	Straylight	33.500	75	26Eps Sco	2.2910	4250.0	67	37334	No
40	GOM_NL__2PRFIN20090421_060828_000000272078_00206_37334_8987.N1	21-APR-2009 06:08:28	Twi_and_stray	27.000	122	9Alp2Lib	2.7470	9700.0	54	37334	No
41	GOM_NL__2PRFIN20090421_062002_000000262078_00206_37334_8988.N1	21-APR-2009 06:20:02	Twi_and_stray	26.000	111	8Eta Boo	2.6800	6000.0	52	37334	No

42	GOM_NL__2PRFIN20090421_062728_000000292078_00206_37334_8989.N1	21-APR-2009 06:27:28	Twilight	28.500	180	27Gam Boo	3.0400	8000.0	57	37334	No
43	GOM_NL__2PRFIN20090421_062905_000000252078_00206_37334_8990.N1	21-APR-2009 06:29:05	Twilight	24.500	39	85Eta UMa	1.8540	24000.	49	37334	No
44	GOM_NL__2PRFIN20090421_063713_000000262078_00206_37334_8991.N1	21-APR-2009 06:37:13	Twilight	25.500	119	14Eta Dra	2.7270	4700.0	51	37334	No
45	GOM_NL__2PRFIN20090421_065152_000000222078_00206_37334_8992.N1	21-APR-2009 06:51:52	Twilight	22.000	19	50Alp Cyg	1.2460	10500.	44	37334	No
46	GOM_NL__2PRFIN20090421_070431_000000212078_00206_37334_8993.N1	21-APR-2009 07:04:31	Dark	21.000	61	8Eps Peg	2.1000	3900.0	42	37334	No
47	GOM_NL__2PRFIN20090421_070955_000000242078_00206_37334_8994.N1	21-APR-2009 07:09:55	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37334	No
48	GOM_NL__2PRFIN20090421_073218_000000272078_00207_37335_9018.N1	21-APR-2009 07:32:18	Dark	27.000	147	Alp Ara	2.8770	26000.	54	37335	No
49	GOM_NL__2PRFIN20090421_073432_000000352078_00207_37335_9019.N1	21-APR-2009 07:34:32	Straylight	34.500	25	35Lam Sco	1.6200	28000.	69	37335	No
50	GOM_NL__2PRFIN20090421_073813_000000342078_00207_37335_9020.N1	21-APR-2009 07:38:13	Straylight	33.500	75	26Eps Sco	2.2910	4250.0	67	37335	No
51	GOM_NL__2PRFIN20090421_074904_000000272078_00207_37335_9021.N1	21-APR-2009 07:49:04	Twilight	26.500	122	9Alp2Lib	2.7470	9700.0	53	37335	No
52	GOM_NL__2PRFIN20090421_080038_000000262078_00207_37335_9022.N1	21-APR-2009 08:00:38	Twilight	25.500	111	8Eta Boo	2.6800	6000.0	51	37335	No
53	GOM_NL__2PRFIN20090421_080803_000000292078_00207_37335_9023.N1	21-APR-2009 08:08:03	Twilight	29.000	180	27Gam Boo	3.0400	8000.0	58	37335	No
54	GOM_NL__2PRFIN20090421_080940_000000252078_00207_37335_9024.N1	21-APR-2009 08:09:40	Twilight	24.500	39	85Eta UMa	1.8540	24000.	49	37335	No
55	GOM_NL__2PRFIN20090421_081749_000000262078_00207_37335_9025.N1	21-APR-2009 08:17:49	Twilight	26.000	119	14Eta Dra	2.7270	4700.0	52	37335	No
56	GOM_NL__2PRFIN20090421_083227_000000222078_00207_37335_9026.N1	21-APR-2009 08:32:27	Twilight	22.000	19	50Alp Cyg	1.2460	10500.	44	37335	No
57	GOM_NL__2PRFIN20090421_084508_000000212078_00207_37335_9027.N1	21-APR-2009 08:45:08	Dark	21.000	61	8Eps Peg	2.1000	3900.0	42	37335	No
58	GOM_NL__2PRFIN20090421_085032_000000242078_00207_37335_9028.N1	21-APR-2009 08:50:32	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37335	No
59	GOM_NL__2PRFIN20090421_091254_000000282078_00208_37336_9036.N1	21-APR-2009 09:12:54	Dark	27.500	147	Alp Ara	2.8770	26000.	55	37336	No
60	GOM_NL__2PRFIN20090421_091509_000000352078_00208_37336_9037.N1	21-APR-2009 09:15:09	Straylight	34.500	25	35Lam Sco	1.6200	28000.	69	37336	No
61	GOM_NL__2PRFIN20090421_091849_000000342078_00208_37336_9038.N1	21-APR-2009 09:18:49	Straylight	33.500	75	26Eps Sco	2.2910	4250.0	67	37336	No
62	GOM_NL__2PRFIN20090421_092940_000000272078_00208_37336_9039.N1	21-APR-2009 09:29:40	Twilight	26.500	122	9Alp2Lib	2.7470	9700.0	53	37336	No
63	GOM_NL__2PRFIN20090421_094113_000000262078_00208_37336_9040.N1	21-APR-2009 09:41:13	Twilight	26.000	111	8Eta Boo	2.6800	6000.0	52	37336	No
64	GOM_NL__2PRFIN20090421_094839_000000292078_00208_37336_9041.N1	21-APR-2009 09:48:39	Twilight	28.500	180	27Gam Boo	3.0400	8000.0	57	37336	No
65	GOM_NL__2PRFIN20090421_095016_000000252078_00208_37336_9042.N1	21-APR-2009 09:50:16	Twilight	24.500	39	85Eta UMa	1.8540	24000.	49	37336	No
66	GOM_NL__2PRFIN20090421_100747_000000192078_00208_37336_9043.N1	21-APR-2009 10:07:47	Twilight	19.000	89	5Alp Cep	2.4510	8000.0	38	37336	No
67	GOM_NL__2PRFIN20090421_101303_000000222078_00208_37336_9044.N1	21-APR-2009 10:13:03	Twilight	22.000	19	50Alp Cyg	1.2460	10500.	44	37336	No
68	GOM_NL__2PRFIN20090421_102544_000000222078_00208_37336_9045.N1	21-APR-2009 10:25:44	Dark	21.500	61	8Eps Peg	2.1000	3900.0	43	37336	No
69	GOM_NL__2PRFIN20090421_103109_000000242078_00208_37336_9046.N1	21-APR-2009 10:31:09	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37336	No
70	GOM_NL__2PRFIN20090421_105331_000000282078_00209_37337_9075.N1	21-APR-2009 10:53:31	Dark	27.500	147	Alp Ara	2.8770	26000.	55	37337	No
71	GOM_NL__2PRFIN20090421_105546_000000352078_00209_37337_9076.N1	21-APR-2009 10:55:46	Straylight	34.500	25	35Lam Sco	1.6200	28000.	69	37337	No
72	GOM_NL__2PRFIN20090421_105926_000000342078_00209_37337_9077.N1	21-APR-2009 10:59:26	Straylight	33.500	75	26Eps Sco	2.2910	4250.0	67	37337	No
73	GOM_NL__2PRFIN20090421_111016_000000272078_00209_37337_9078.N1	21-APR-2009 11:10:16	Twilight	26.500	122	9Alp2Lib	2.7470	9700.0	53	37337	No
74	GOM_NL__2PRFIN20090421_112148_000000262078_00209_37337_9079.N1	21-APR-2009 11:21:48	Twilight	26.000	111	8Eta Boo	2.6800	6000.0	52	37337	No
75	GOM_NL__2PRFIN20090421_112914_000000292078_00209_37337_9080.N1	21-APR-2009 11:29:14	Twilight	28.500	180	27Gam Boo	3.0400	8000.0	57	37337	No
76	GOM_NL__2PRFIN20090421_113051_000000252078_00209_37337_9081.N1	21-APR-2009 11:30:51	Twilight	24.500	39	85Eta UMa	1.8540	24000.	49	37337	No
77	GOM_NL__2PRFIN20090421_113859_000000272078_00209_37337_9082.N1	21-APR-2009 11:38:59	Twilight	26.500	119	14Eta Dra	2.7270	4700.0	53	37337	No
78	GOM_NL__2PRFIN20090421_114822_000000202078_00209_37337_9083.N1	21-APR-2009 11:48:22	Twilight	19.500	89	5Alp Cep	2.4510	8000.0	39	37337	No
79	GOM_NL__2PRFIN20090421_115339_000000222078_00209_37337_9084.N1	21-APR-2009 11:53:39	Twilight	22.000	19	50Alp Cyg	1.2460	10500.	44	37337	No
80	GOM_NL__2PRFIN20090421_120620_000000222078_00209_37337_9085.N1	21-APR-2009 12:06:20	Dark	21.500	61	8Eps Peg	2.1000	3900.0	43	37337	No
81	GOM_NL__2PRFIN20090421_121146_000000242078_00209_37337_9086.N1	21-APR-2009 12:11:46	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37337	No
82	GOM_NL__2PRFIN20090421_123407_000000272078_00210_37338_9098.N1	21-APR-2009 12:34:07	Dark	27.000	147	Alp Ara	2.8770	26000.	54	37338	No
83	GOM_NL__2PRFIN20090421_123623_000000352078_00210_37338_9099.N1	21-APR-2009 12:36:23	Straylight	34.500	25	35Lam Sco	1.6200	28000.	69	37338	No
84	GOM_NL__2PRFIN20090421_124003_000000332078_00210_37338_9100.N1	21-APR-2009 12:40:03	Straylight	33.000	75	26Eps Sco	2.2910	4250.0	66	37338	No
85	GOM_NL__2PRFIN20090421_125052_000000272078_00210_37338_9101.N1	21-APR-2009 12:50:52	Twilight	27.000	122	9Alp2Lib	2.7470	9700.0	54	37338	No
86	GOM_NL__2PRFIN20090421_130224_000000262078_00210_37338_9102.N1	21-APR-2009 13:02:24	Twilight	25.500	111	8Eta Boo	2.6800	6000.0	51	37338	No
87	GOM_NL__2PRFIN20090421_130949_000000292078_00210_37338_9103.N1	21-APR-2009 13:09:49	Twilight	28.500	180	27Gam Boo	3.0400	8000.0	57	37338	No
88	GOM_NL__2PRFIN20090421_131127_000000242078_00210_37338_9104.N1	21-APR-2009 13:11:27	Twilight	24.000	39	85Eta UMa	1.8540	24000.	48	37338	No
89	GOM_NL__2PRFIN20090421_131934_000000262078_00210_37338_9105.N1	21-APR-2009 13:19:34	Twilight	26.000	119	14Eta Dra	2.7270	4700.0	52	37338	No
90	GOM_NL__2PRFIN20090421_132858_000000192078_00210_37338_9106.N1	21-APR-2009 13:28:58	Twilight	19.000	89	5Alp Cep	2.4510	8000.0	38	37338	No
91	GOM_NL__2PRFIN20090421_133414_000000222078_00210_37338_9107.N1	21-APR-2009 13:34:14	Twilight	22.000	19	50Alp Cyg	1.2460	10500.	44	37338	No
92	GOM_NL__2PRFIN20090421_134657_000000212078_00210_37338_9108.N1	21-APR-2009 13:46:57	Dark	21.000	61	8Eps Peg	2.1000	3900.0	42	37338	No
93	GOM_NL__2PRFIN20090421_135222_000000242078_00210_37338_9109.N1	21-APR-2009 13:52:22	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37338	No
94	GOM_NL__2PRFIN20090421_141444_000000272078_00211_37339_9112.N1	21-APR-2009 14:14:44	Dark	27.000	147	Alp Ara	2.8770	26000.	54	37339	No
95	GOM_NL__2PRFIN20090421_141701_000000342078_00211_37339_9113.N1	21-APR-2009 14:17:01	Straylight	34.000	25	35Lam Sco	1.6200	28000.	68	37339	No
96	GOM_NL__2PRFIN20090421_142040_000000332078_00211_37339_9114.N1	21-APR-2009 14:20:40	Straylight	33.000	75	26Eps Sco	2.2910	4250.0	66	37339	No
97	GOM_NL__2PRFIN20090421_143128_000000272078_00211_37339_9115.N1	21-APR-2009 14:31:28	Twilight	27.000	122	9Alp2Lib	2.7470	9700.0	54	37339	No
98	GOM_NL__2PRFIN20090421_144259_000000262078_00211_37339_9116.N1	21-APR-2009 14:42:59	Twilight	26.000	111	8Eta Boo	2.6800	6000.0	52	37339	No
99	GOM_NL__2PRFIN20090421_145024_000000292078_00211_37339_9117.N1	21-APR-2009 14:50:24	Twilight	29.000	180	27Gam Boo	3.0400	8000.0	58	37339	No
100	GOM_NL__2PRFIN20090421_145203_000000242078_00211_37339_9118.N1	21-APR-2009 14:52:03	Twilight	24.000	39	85Eta UMa	1.8540	24000.	48	37339	No

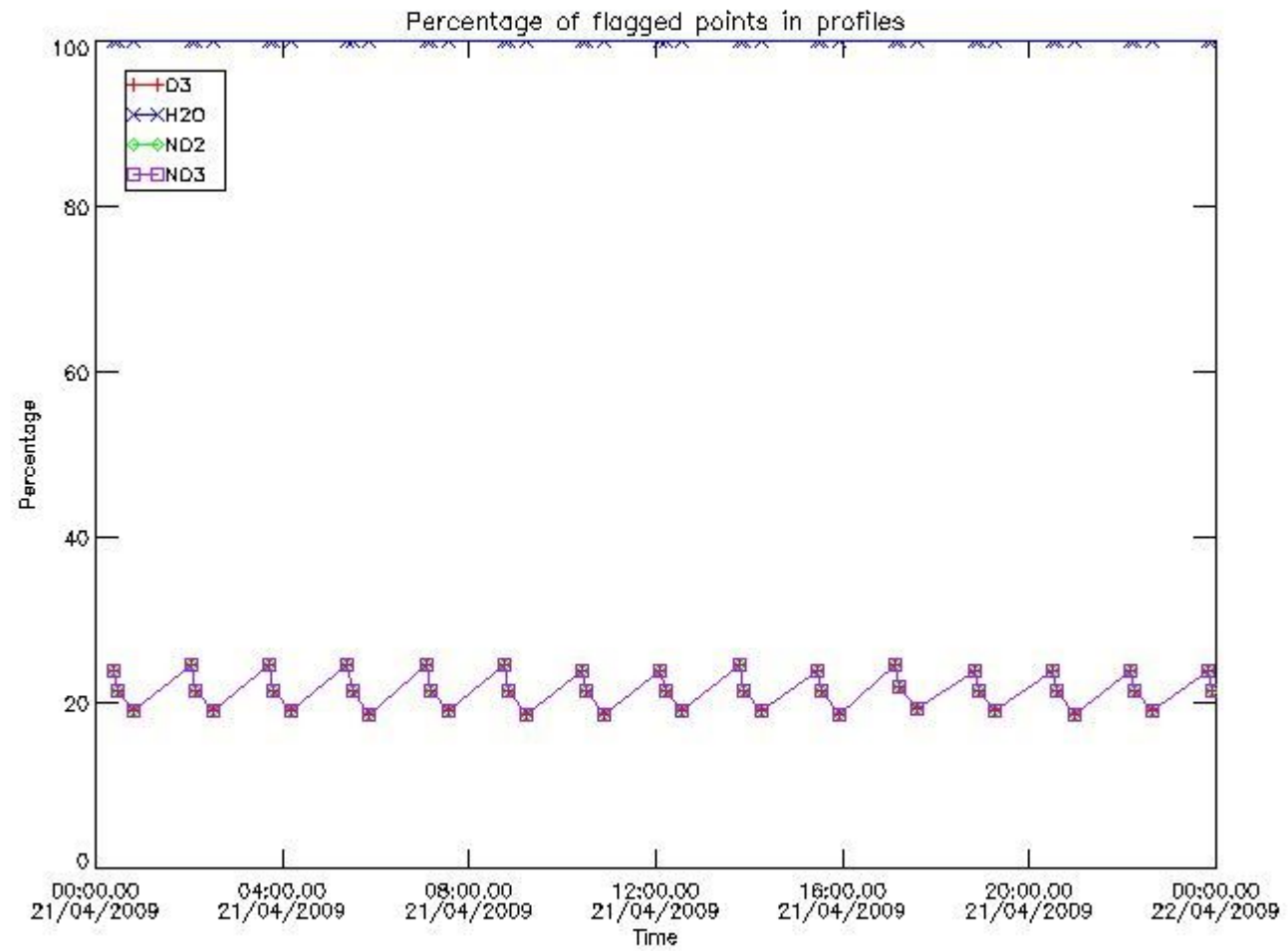
101	GOM_NL__2PRFIN20090421_150009_000000272078_00211_37339_9119.N1	21-APR-2009 15:00:09	Twilight	26.500	119	14Eta Dra	2.7270	4700.0	53	37339	No
102	GOM_NL__2PRFIN20090421_150933_000000202078_00211_37339_9120.N1	21-APR-2009 15:09:33	Twilight	19.500	89	5Alp Cep	2.4510	8000.0	39	37339	No
103	GOM_NL__2PRFIN20090421_151450_000000222078_00211_37339_9121.N1	21-APR-2009 15:14:50	Twilight	22.000	19	50Alp Cyg	1.2460	10500.	44	37339	No
104	GOM_NL__2PRFIN20090421_152733_000000222078_00211_37339_9122.N1	21-APR-2009 15:27:33	Dark	21.500	61	8Eps Peg	2.1000	3900.0	43	37339	No
105	GOM_NL__2PRFIN20090421_153259_000000242078_00211_37339_9123.N1	21-APR-2009 15:32:59	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37339	No
106	GOM_NL__2PRFIN20090421_155521_000000282078_00212_37340_9126.N1	21-APR-2009 15:55:21	Dark	27.500	147	Alp Ara	2.8770	26000.	55	37340	No
107	GOM_NL__2PRFIN20090421_155738_000000342078_00212_37340_9127.N1	21-APR-2009 15:57:38	Straylight	34.000	25	35Lam Sco	1.6200	28000.	68	37340	No
108	GOM_NL__2PRFIN20090421_160117_000000332078_00212_37340_9128.N1	21-APR-2009 16:01:17	Straylight	33.000	75	26Eps Sco	2.2910	4250.0	66	37340	No
109	GOM_NL__2PRFIN20090421_161204_000000272078_00212_37340_9129.N1	21-APR-2009 16:12:04	Twilight	27.000	122	9Alp2Lib	2.7470	9700.0	54	37340	No
110	GOM_NL__2PRFIN20090421_162335_000000262078_00212_37340_9130.N1	21-APR-2009 16:23:35	Twilight	26.000	111	8Eta Boo	2.6800	6000.0	52	37340	No
111	GOM_NL__2PRFIN20090421_163100_000000292078_00212_37340_9131.N1	21-APR-2009 16:31:00	Twilight	28.500	180	27Gam Boo	3.0400	8000.0	57	37340	No
112	GOM_NL__2PRFIN20090421_163238_000000242078_00212_37340_9132.N1	21-APR-2009 16:32:38	Twilight	24.000	39	85Eta UMa	1.8540	24000.	48	37340	No
113	GOM_NL__2PRFIN20090421_164045_000000262078_00212_37340_9133.N1	21-APR-2009 16:40:45	Twilight	26.000	119	14Eta Dra	2.7270	4700.0	52	37340	No
114	GOM_NL__2PRFIN20090421_165010_000000192078_00212_37340_9134.N1	21-APR-2009 16:50:10	Twilight	19.000	89	5Alp Cep	2.4510	8000.0	38	37340	No
115	GOM_NL__2PRFIN20090421_165526_000000222078_00212_37340_9135.N1	21-APR-2009 16:55:26	Twilight	21.500	19	50Alp Cyg	1.2460	10500.	43	37340	No
116	GOM_NL__2PRFIN20090421_170810_000000212078_00212_37340_9136.N1	21-APR-2009 17:08:10	Dark	21.000	61	8Eps Peg	2.1000	3900.0	42	37340	No
117	GOM_NL__2PRFIN20090421_171336_000000242078_00212_37340_9137.N1	21-APR-2009 17:13:36	Dark	23.500	154	22Bet Aqr	2.8990	5700.0	47	37340	No
118	GOM_NL__2PRFIN20090421_173558_000000272078_00213_37341_9140.N1	21-APR-2009 17:35:58	Dark	26.500	147	Alp Ara	2.8770	26000.	53	37341	No
119	GOM_NL__2PRFIN20090421_173815_000000342078_00213_37341_9141.N1	21-APR-2009 17:38:15	Straylight	34.000	25	35Lam Sco	1.6200	28000.	68	37341	No
120	GOM_NL__2PRFIN20090421_174154_000000332078_00213_37341_9142.N1	21-APR-2009 17:41:54	Straylight	32.500	75	26Eps Sco	2.2910	4250.0	65	37341	No
121	GOM_NL__2PRFIN20090421_175240_000000272078_00213_37341_9143.N1	21-APR-2009 17:52:40	Twilight	27.000	122	9Alp2Lib	2.7470	9700.0	54	37341	No
122	GOM_NL__2PRFIN20090421_180410_000000262078_00213_37341_9144.N1	21-APR-2009 18:04:10	Twilight	25.500	111	8Eta Boo	2.6800	6000.0	51	37341	No
123	GOM_NL__2PRFIN20090421_181135_000000292078_00213_37341_9145.N1	21-APR-2009 18:11:35	Twilight	28.500	180	27Gam Boo	3.0400	8000.0	57	37341	No
124	GOM_NL__2PRFIN20090421_181314_000000242078_00213_37341_9146.N1	21-APR-2009 18:13:14	Twilight	23.500	39	85Eta UMa	1.8540	24000.	47	37341	No
125	GOM_NL__2PRFIN20090421_182120_000000262078_00213_37341_9147.N1	21-APR-2009 18:21:20	Twilight	26.000	119	14Eta Dra	2.7270	4700.0	52	37341	No
126	GOM_NL__2PRFIN20090421_183045_000000192078_00213_37341_9148.N1	21-APR-2009 18:30:45	Twilight	19.000	89	5Alp Cep	2.4510	8000.0	38	37341	No
127	GOM_NL__2PRFIN20090421_183602_000000222078_00213_37341_9149.N1	21-APR-2009 18:36:02	Twilight	22.000	19	50Alp Cyg	1.2460	10500.	44	37341	No
128	GOM_NL__2PRFIN20090421_184846_000000222078_00213_37341_9150.N1	21-APR-2009 18:48:46	Dark	21.500	61	8Eps Peg	2.1000	3900.0	43	37341	No
129	GOM_NL__2PRFIN20090421_185413_000000242078_00213_37341_9151.N1	21-APR-2009 18:54:13	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37341	No
130	GOM_NL__2PRFIN20090421_191635_000000272078_00214_37342_9154.N1	21-APR-2009 19:16:35	Dark	27.000	147	Alp Ara	2.8770	26000.	54	37342	No
131	GOM_NL__2PRFIN20090421_191852_000000352078_00214_37342_9155.N1	21-APR-2009 19:18:52	Straylight	34.500	25	35Lam Sco	1.6200	28000.	69	37342	No
132	GOM_NL__2PRFIN20090421_192231_000000332078_00214_37342_9156.N1	21-APR-2009 19:22:31	Straylight	32.500	75	26Eps Sco	2.2910	4250.0	65	37342	No
133	GOM_NL__2PRFIN20090421_193316_000000272078_00214_37342_9157.N1	21-APR-2009 19:33:16	Twilight	27.000	122	9Alp2Lib	2.7470	9700.0	54	37342	No
134	GOM_NL__2PRFIN20090421_194446_000000262078_00214_37342_9158.N1	21-APR-2009 19:44:46	Twilight	26.000	111	8Eta Boo	2.6800	6000.0	52	37342	No
135	GOM_NL__2PRFIN20090421_195210_000000292078_00214_37342_9159.N1	21-APR-2009 19:52:10	Twilight	28.500	180	27Gam Boo	3.0400	8000.0	57	37342	No
136	GOM_NL__2PRFIN20090421_200155_000000262078_00214_37342_9160.N1	21-APR-2009 20:01:55	Twilight	26.000	119	14Eta Dra	2.7270	4700.0	52	37342	No
137	GOM_NL__2PRFIN20090421_201121_000000192078_00214_37342_9161.N1	21-APR-2009 20:11:21	Twilight	19.000	89	5Alp Cep	2.4510	8000.0	38	37342	No
138	GOM_NL__2PRFIN20090421_201637_000000222078_00214_37342_9162.N1	21-APR-2009 20:16:37	Twilight	22.000	19	50Alp Cyg	1.2460	10500.	44	37342	No
139	GOM_NL__2PRFIN20090421_202923_000000222078_00214_37342_9163.N1	21-APR-2009 20:29:23	Dark	21.500	61	8Eps Peg	2.1000	3900.0	43	37342	No
140	GOM_NL__2PRFIN20090421_203450_000000242078_00214_37342_9164.N1	21-APR-2009 20:34:50	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37342	No
141	GOM_NL__2PRFIN20090421_205711_000000282078_00215_37343_9168.N1	21-APR-2009 20:57:11	Dark	27.500	147	Alp Ara	2.8770	26000.	55	37343	No
142	GOM_NL__2PRFIN20090421_205929_000000342078_00215_37343_9169.N1	21-APR-2009 20:59:29	Straylight	34.000	25	35Lam Sco	1.6200	28000.	68	37343	No
143	GOM_NL__2PRFIN20090421_210307_000000342078_00215_37343_9170.N1	21-APR-2009 21:03:07	Straylight	33.500	75	26Eps Sco	2.2910	4250.0	67	37343	No
144	GOM_NL__2PRFIN20090421_211352_000000272078_00215_37343_9171.N1	21-APR-2009 21:13:52	Twilight	26.500	122	9Alp2Lib	2.7470	9700.0	53	37343	No
145	GOM_NL__2PRFIN20090421_212521_000000262078_00215_37343_9172.N1	21-APR-2009 21:25:21	Twilight	26.000	111	8Eta Boo	2.6800	6000.0	52	37343	No
146	GOM_NL__2PRFIN20090421_213245_000000292078_00215_37343_9173.N1	21-APR-2009 21:32:45	Twilight	28.500	180	27Gam Boo	3.0400	8000.0	57	37343	No
147	GOM_NL__2PRFIN20090421_214230_000000262078_00215_37343_9174.N1	21-APR-2009 21:42:30	Twilight	26.000	119	14Eta Dra	2.7270	4700.0	52	37343	No
148	GOM_NL__2PRFIN20090421_215157_000000192078_00215_37343_9175.N1	21-APR-2009 21:51:57	Twilight	19.000	89	5Alp Cep	2.4510	8000.0	38	37343	No
149	GOM_NL__2PRFIN20090421_215713_000000222078_00215_37343_9176.N1	21-APR-2009 21:57:13	Twilight	22.000	19	50Alp Cyg	1.2460	10500.	44	37343	No
150	GOM_NL__2PRFIN20090421_220959_000000222078_00215_37343_9177.N1	21-APR-2009 22:09:59	Dark	21.500	61	8Eps Peg	2.1000	3900.0	43	37343	No
151	GOM_NL__2PRFIN20090421_221526_000000242078_00215_37343_9178.N1	21-APR-2009 22:15:26	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37343	No
152	GOM_NL__2PRFIN20090421_223748_000000272078_00216_37344_9181.N1	21-APR-2009 22:37:48	Dark	27.000	147	Alp Ara	2.8770	26000.	54	37344	No
153	GOM_NL__2PRFIN20090421_224006_000000342078_00216_37344_9182.N1	21-APR-2009 22:40:06	Straylight	34.000	25	35Lam Sco	1.6200	28000.	68	37344	No
154	GOM_NL__2PRFIN20090421_224345_000000332078_00216_37344_9183.N1	21-APR-2009 22:43:45	Straylight	33.000	75	26Eps Sco	2.2910	4250.0	66	37344	No
155	GOM_NL__2PRFIN20090421_225428_000000272078_00216_37344_9184.N1	21-APR-2009 22:54:28	Twilight	26.500	122	9Alp2Lib	2.7470	9700.0	53	37344	No
156	GOM_NL__2PRFIN20090421_230557_000000252078_00216_37344_9185.N1	21-APR-2009 23:05:57	Twilight	25.000	111	8Eta Boo	2.6800	6000.0	50	37344	No
157	GOM_NL__2PRFIN20090421_231033_000000272078_00216_37344_9186.N1	21-APR-2009 23:10:33	Twilight	27.000	83		2.3780	11000.	54	37344	No
158	GOM_NL__2PRFIN20090421_231320_000000292078_00216_37344_9187.N1	21-APR-2009 23:13:20	Twilight	28.500	180	27Gam Boo	3.0400	8000.0	57	37344	No
159	GOM_NL__2PRFIN20090421_232306_000000262078_00216_37344_9188.N1	21-APR-2009 23:23:06	Twilight	26.000	119	14Eta Dra	2.7270	4700.0	52	37344	No

160	GOM_NL__2PRFIN20090421_233232_000000192078_00216_37344_9189.N1	21-APR-2009 23:32:32	Twilight_stray	19.000	89	5Alp Cep	2.4510	8000.0	38	37344	No
161	GOM_NL__2PRFIN20090421_233749_000000222078_00216_37344_9190.N1	21-APR-2009 23:37:49	Twilight_stray	22.000	19	50Alp Cyg	1.2460	10500.	44	37344	No
162	GOM_NL__2PRFIN20090421_235036_000000222078_00216_37344_9191.N1	21-APR-2009 23:50:36	Dark	21.500	61	8Eps Peg	2.1000	3900.0	43	37344	No
163	GOM_NL__2PRFIN20090421_235603_000000242078_00216_37344_9192.N1	21-APR-2009 23:56:03	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37344	No

3. Quality information per product

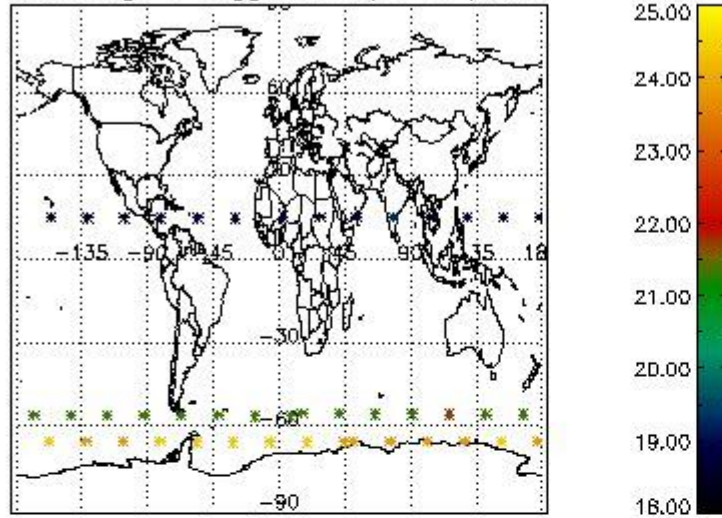
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

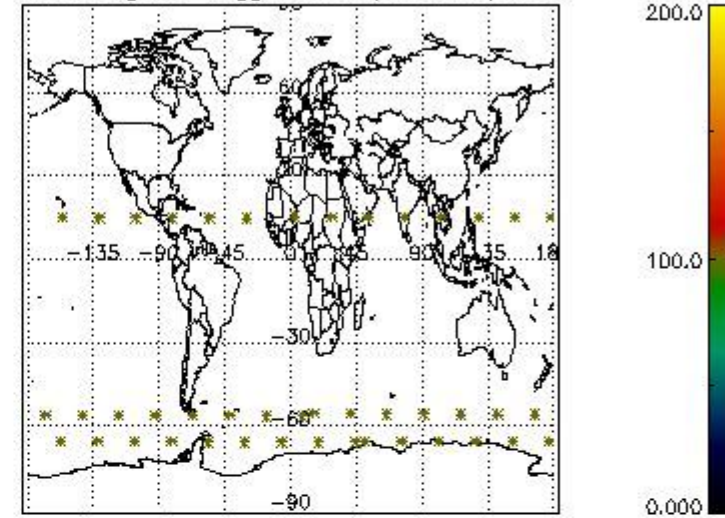


3.2 Plot quality information per product (world map)

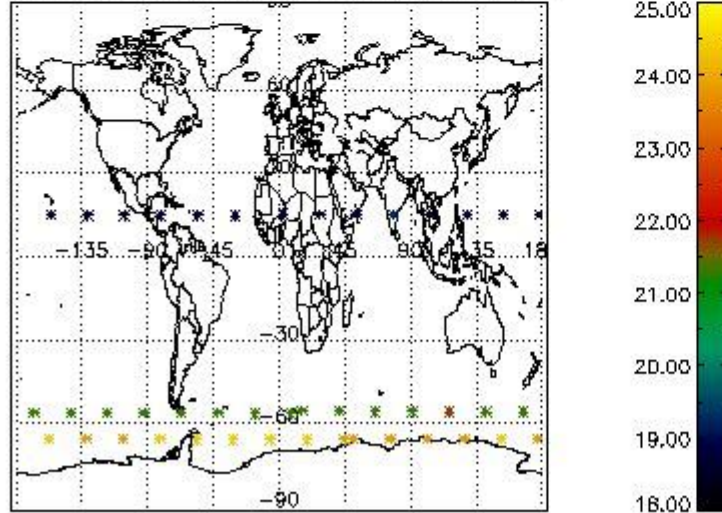
Percentage of flagged data per O3 profile



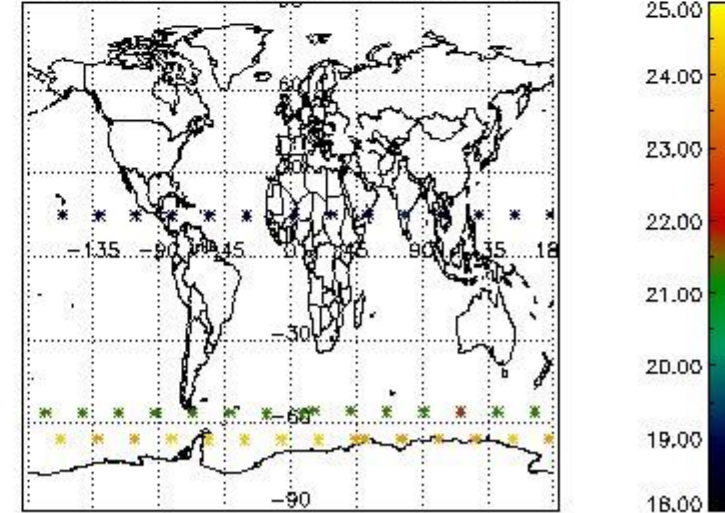
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

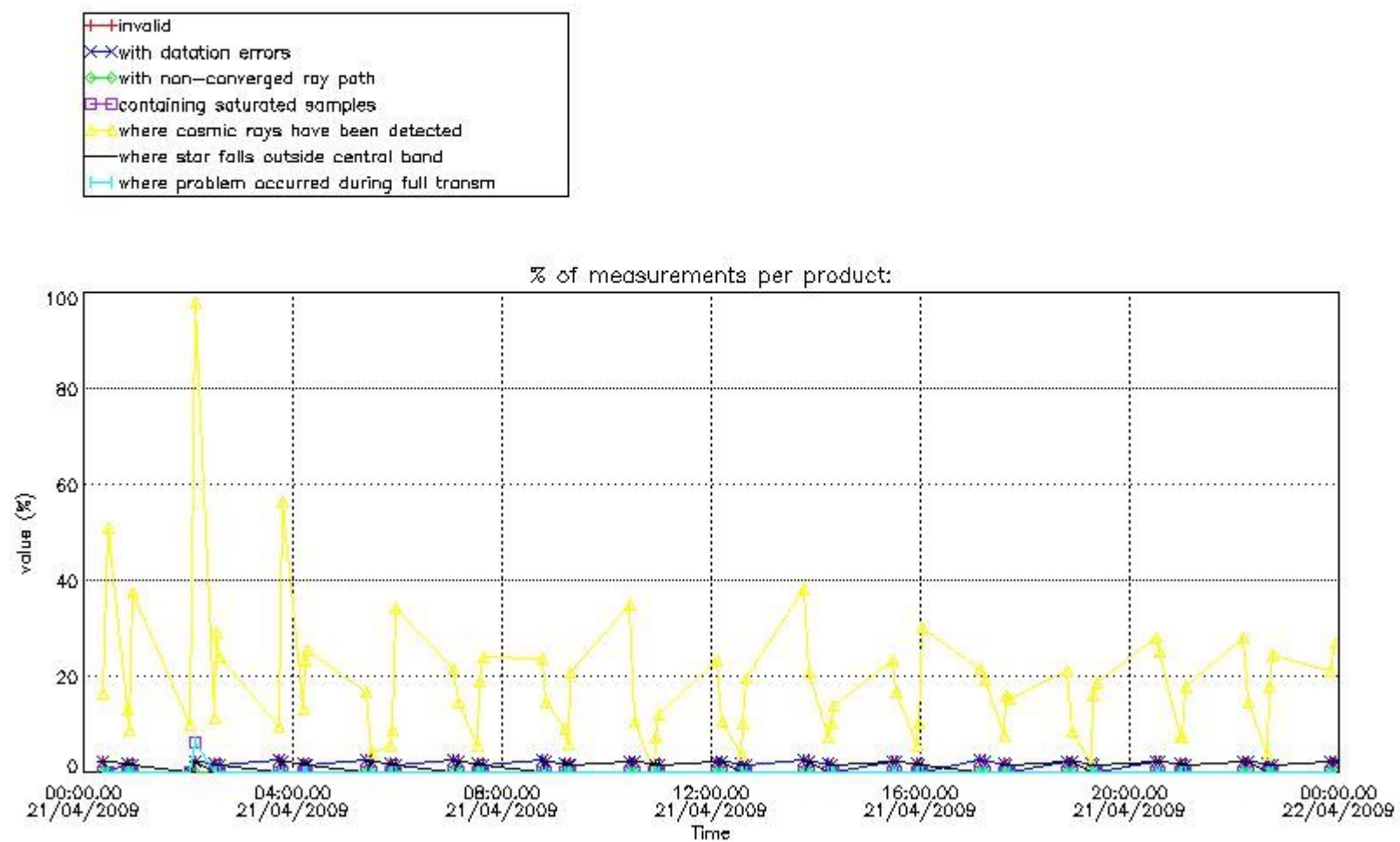


4. Level 1 quality information per product

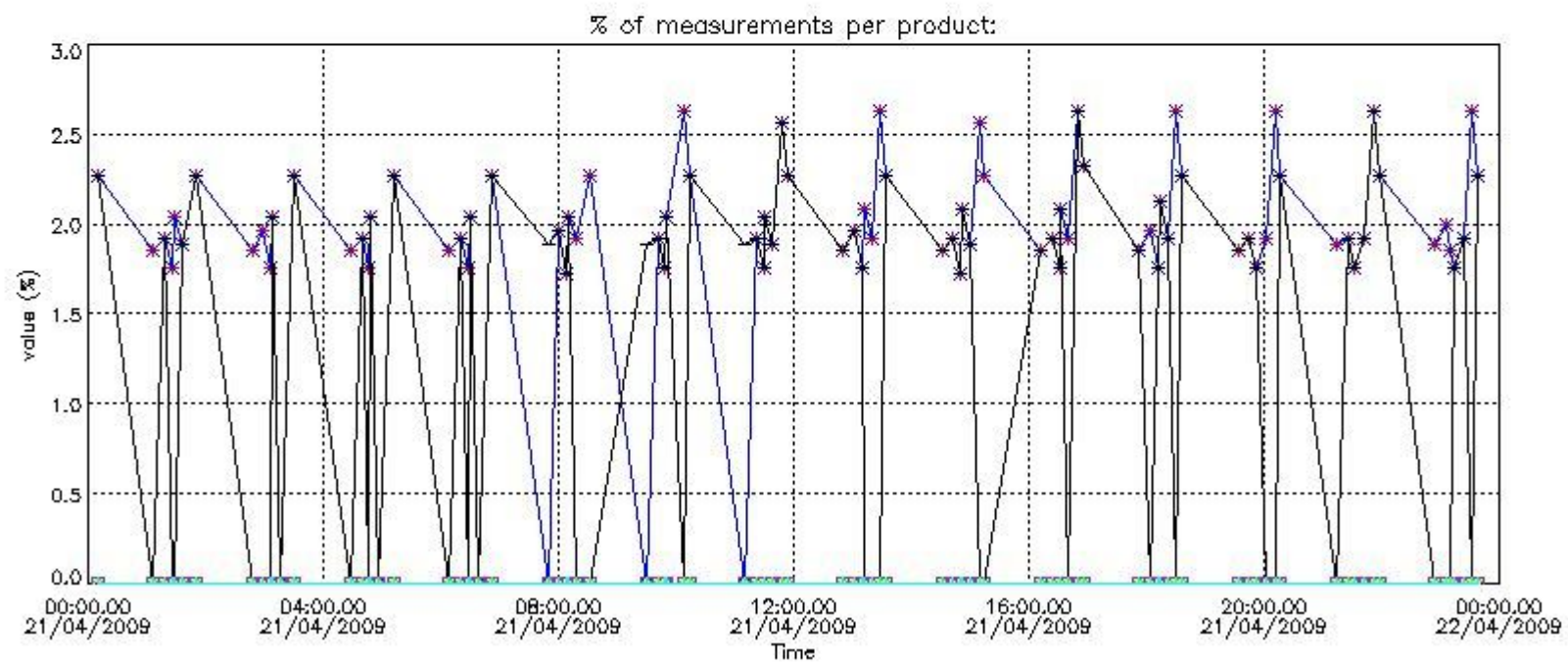
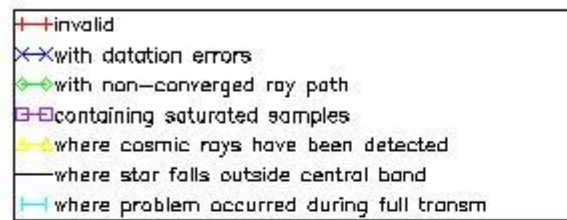
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



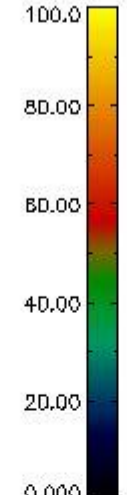
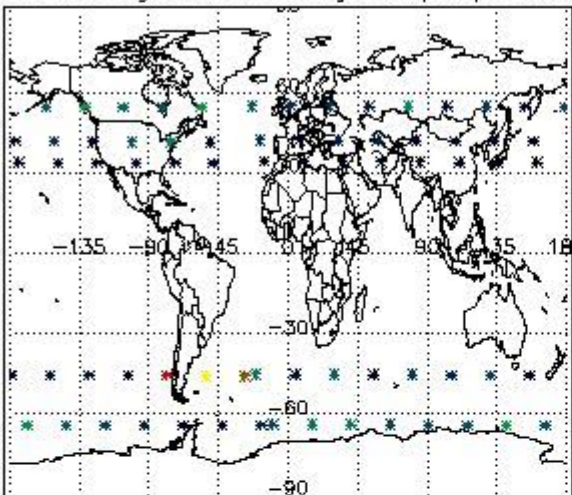
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



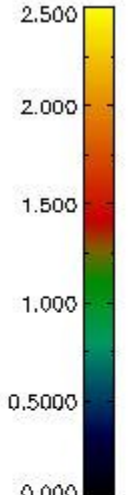
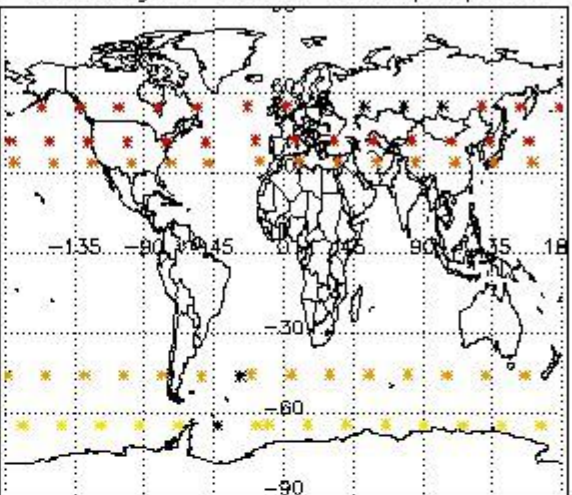
4.2 Plot quality information per product coming from level 1b processing (world map)

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

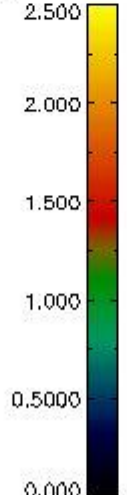
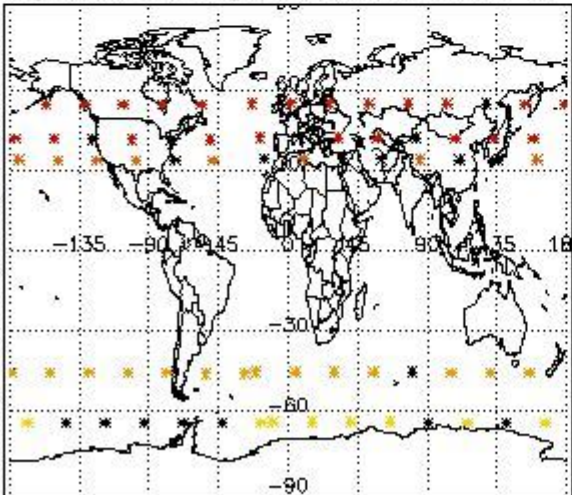
Percentage of cosmic ray hits per profile



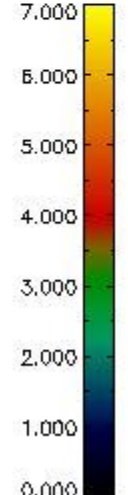
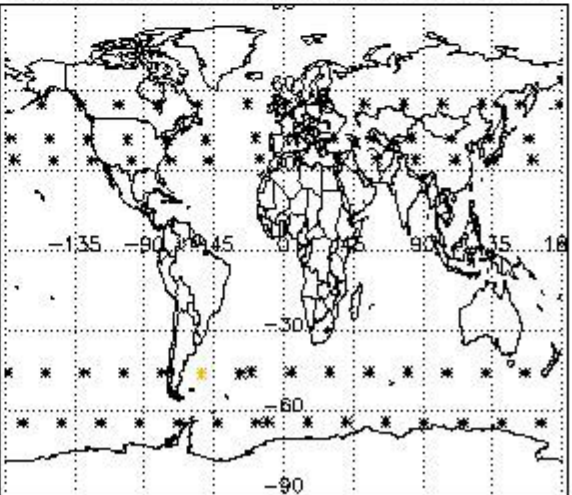
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

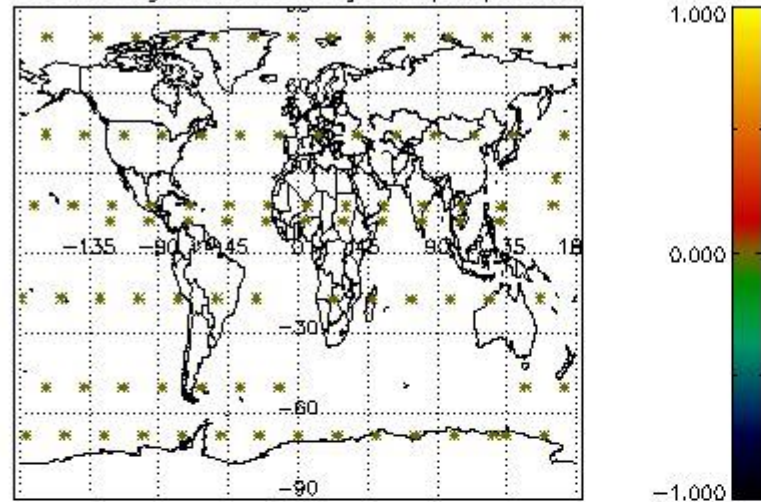


Percentage of saturation errors per profile

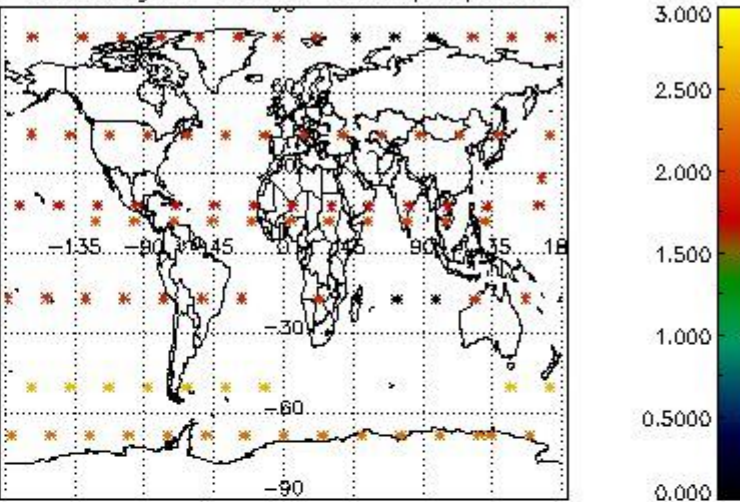


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

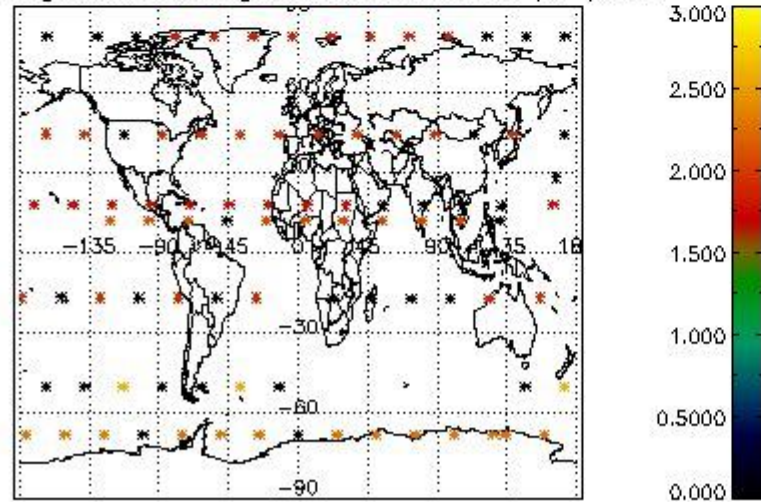
Percentage of cosmic ray hits per profile



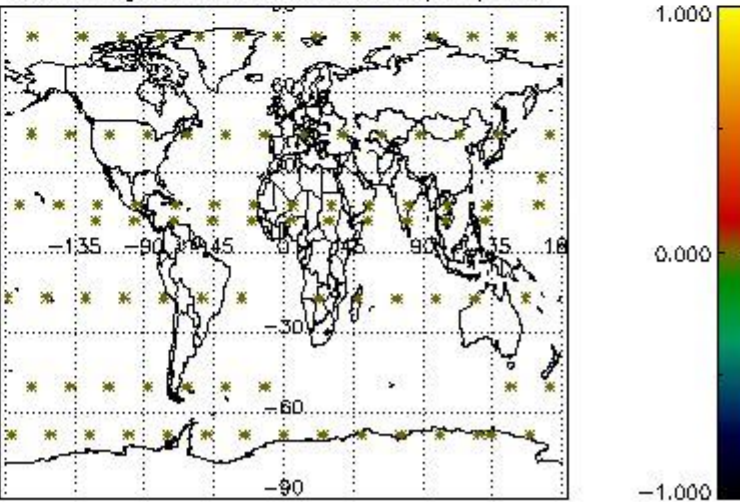
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

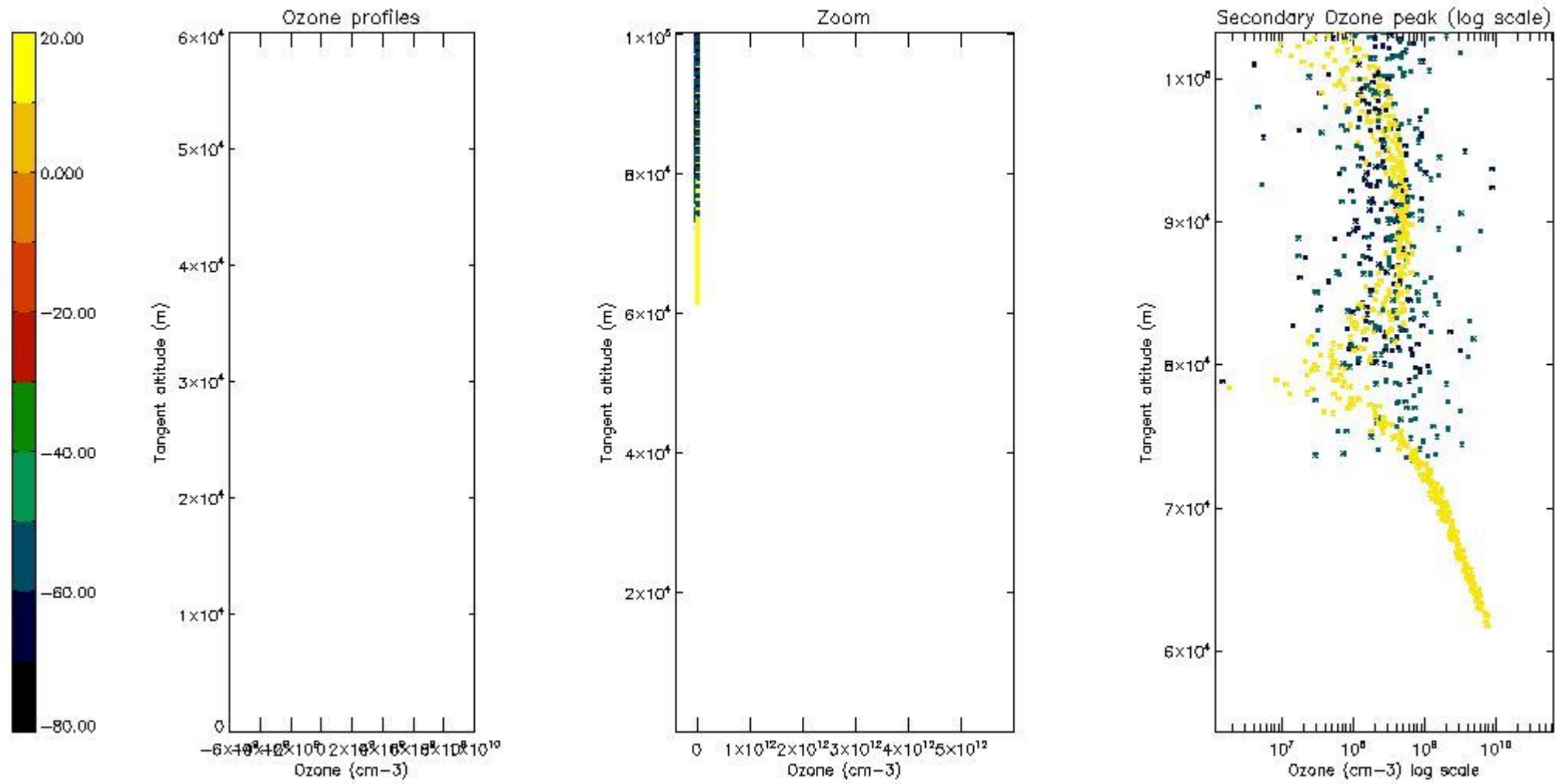
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	24
STD < 20	4

STD < 10	2
STD < 5	1

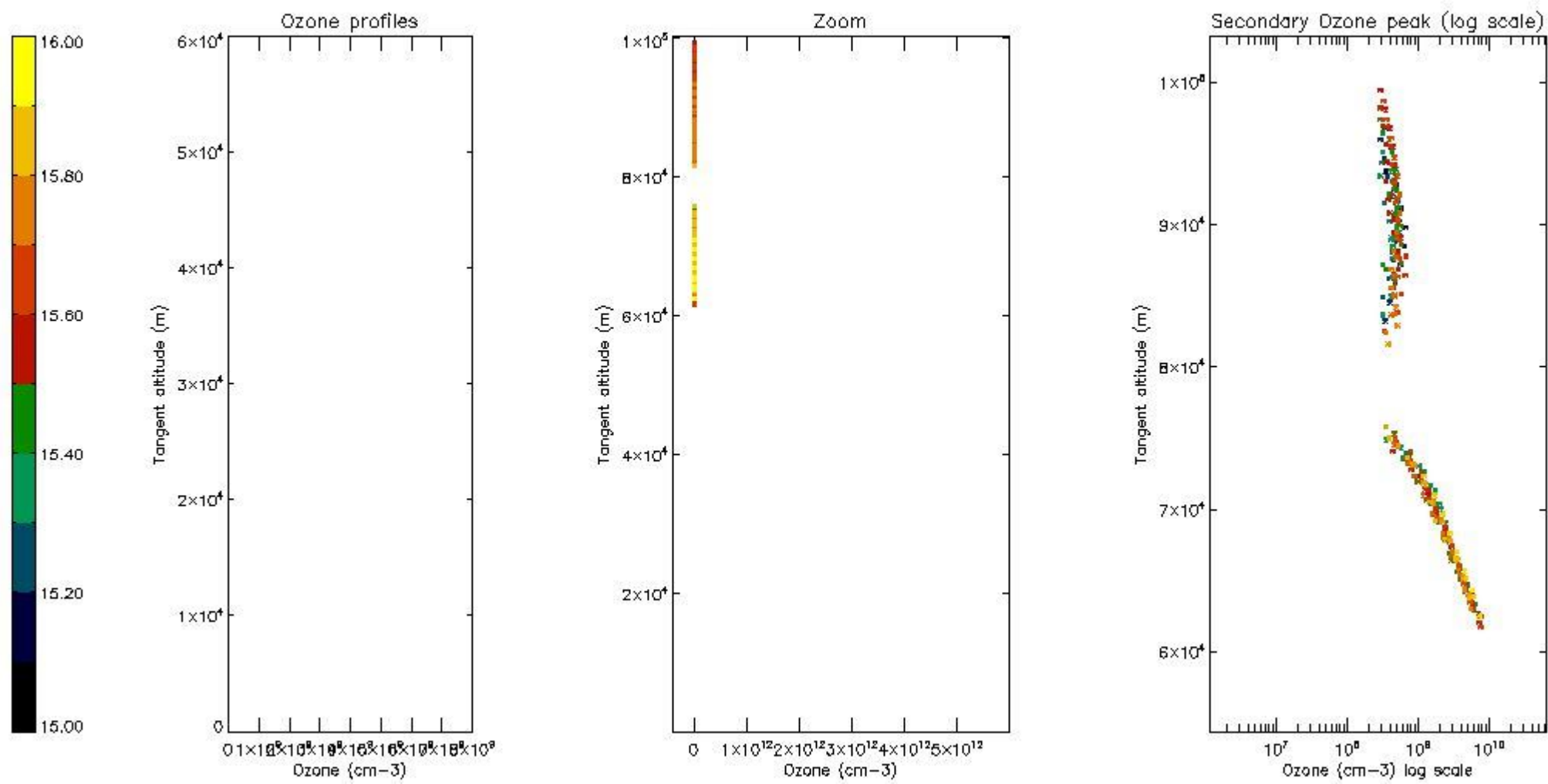
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



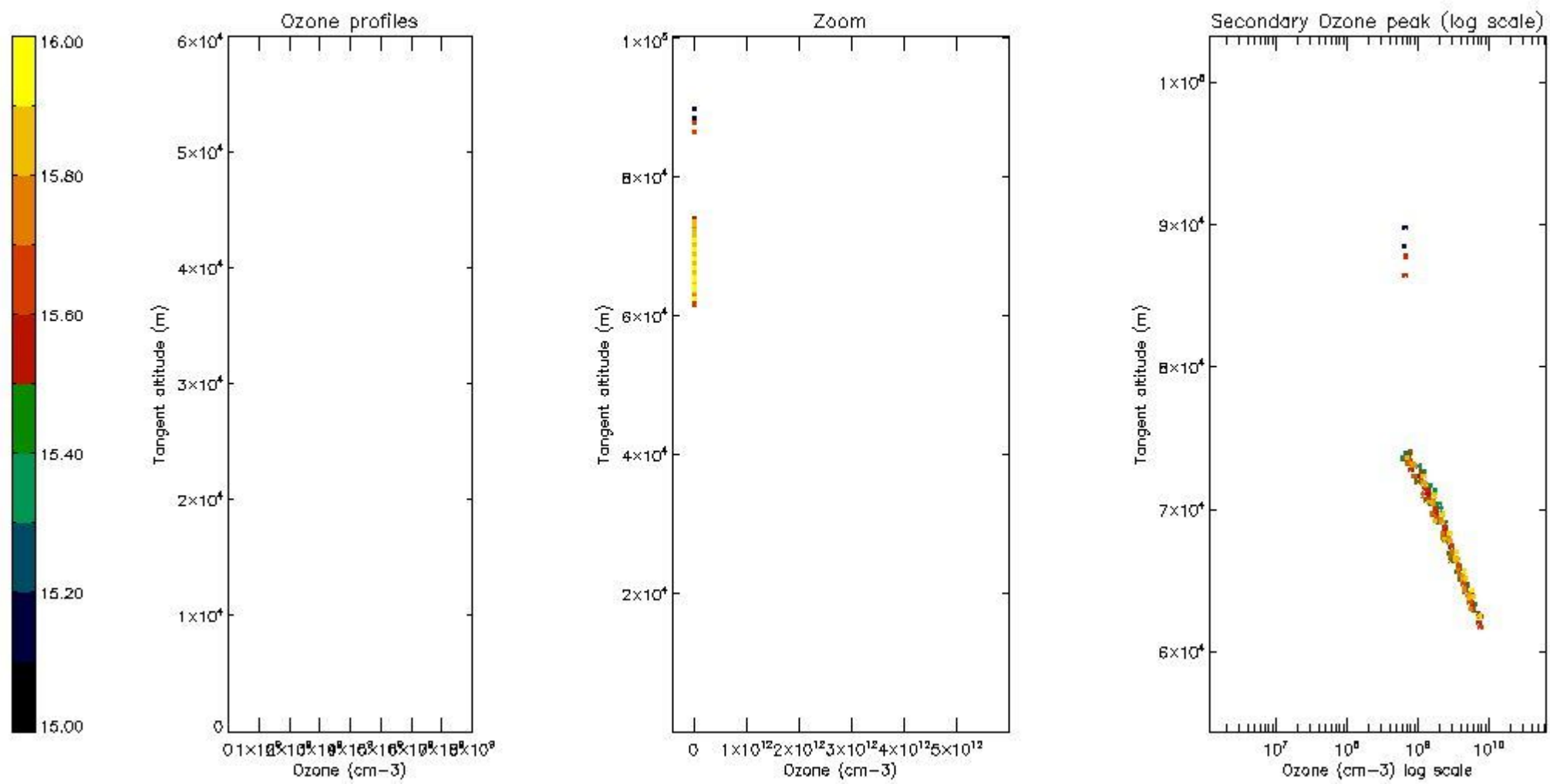
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



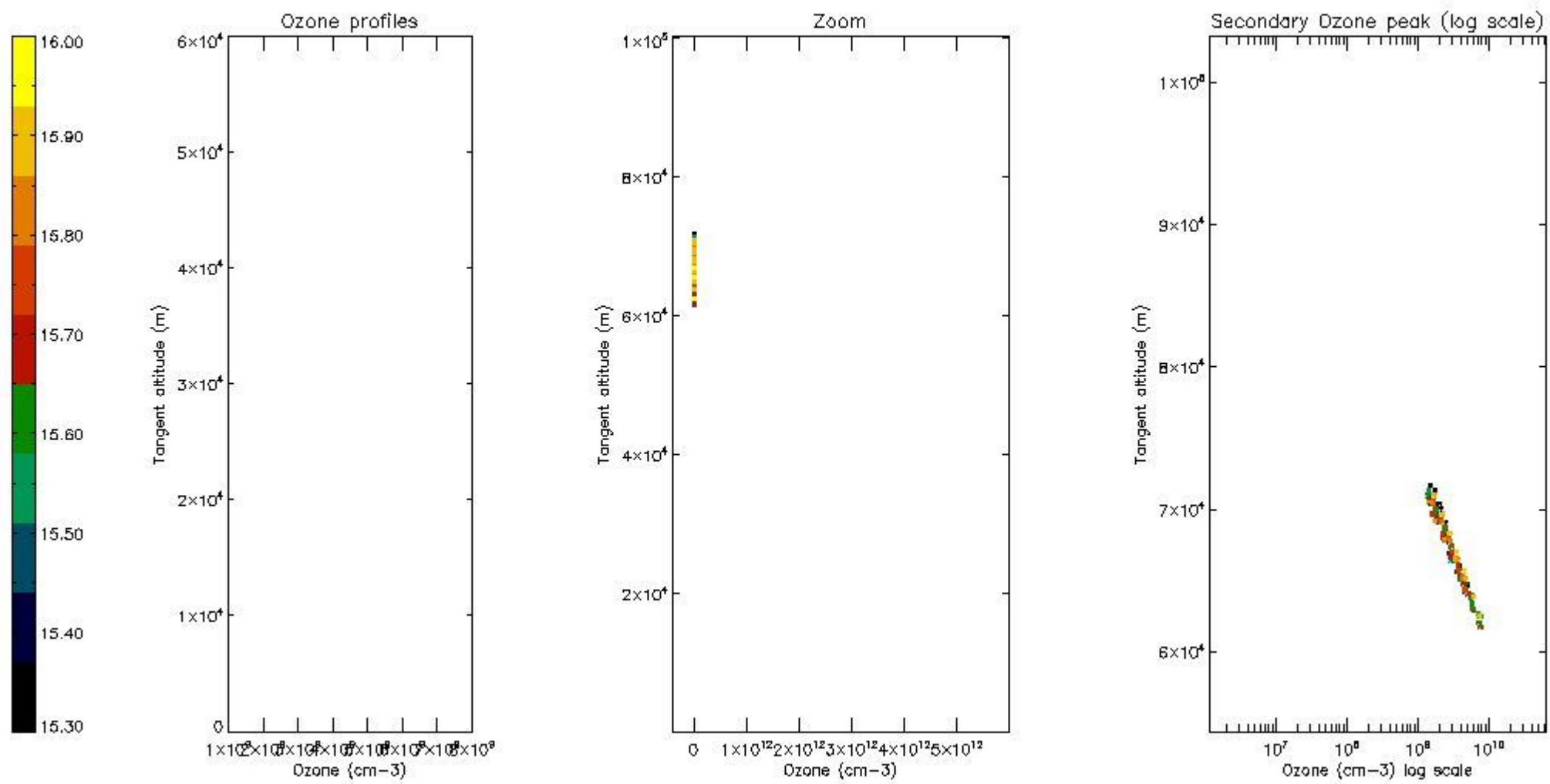
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



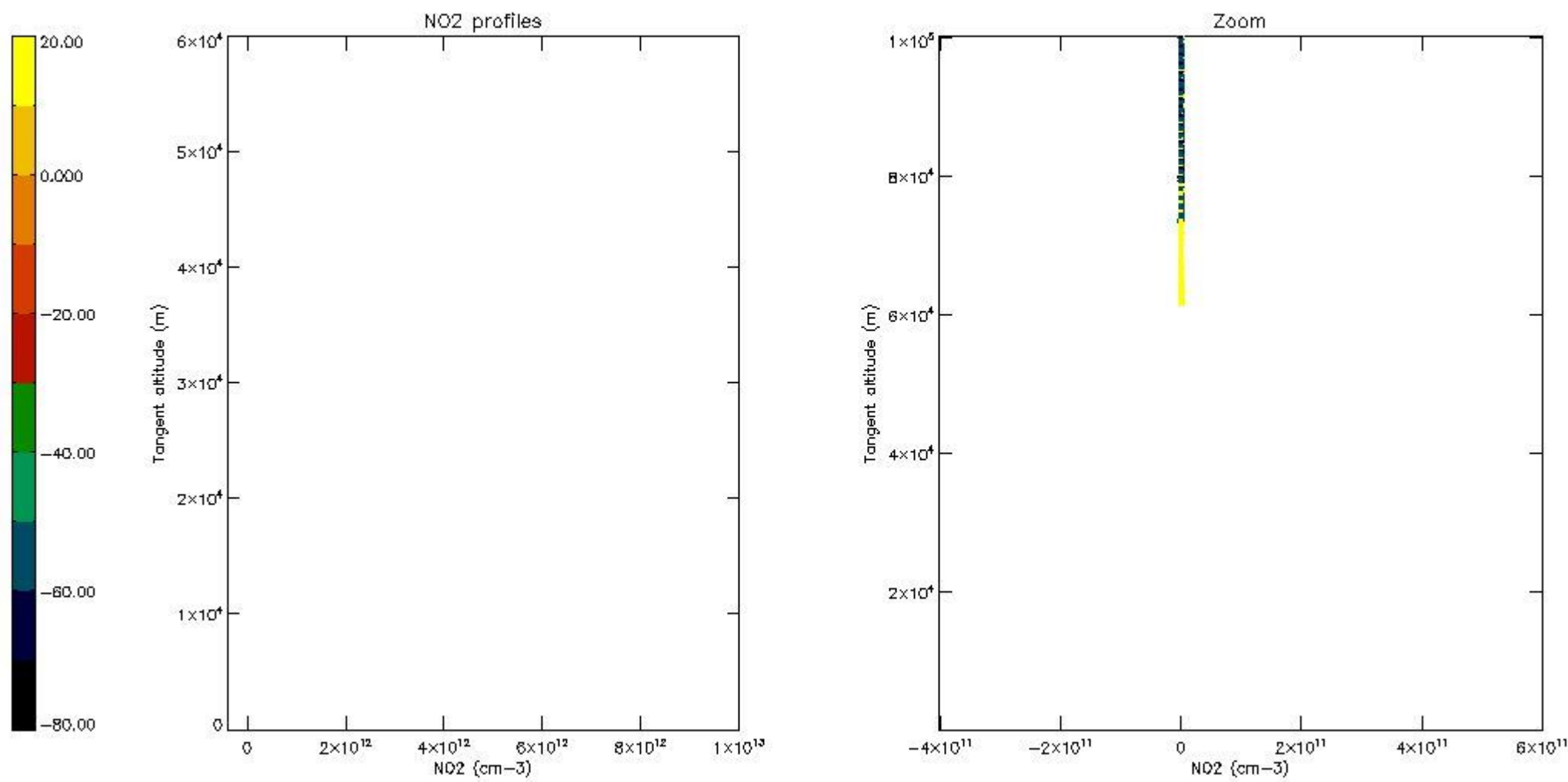
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



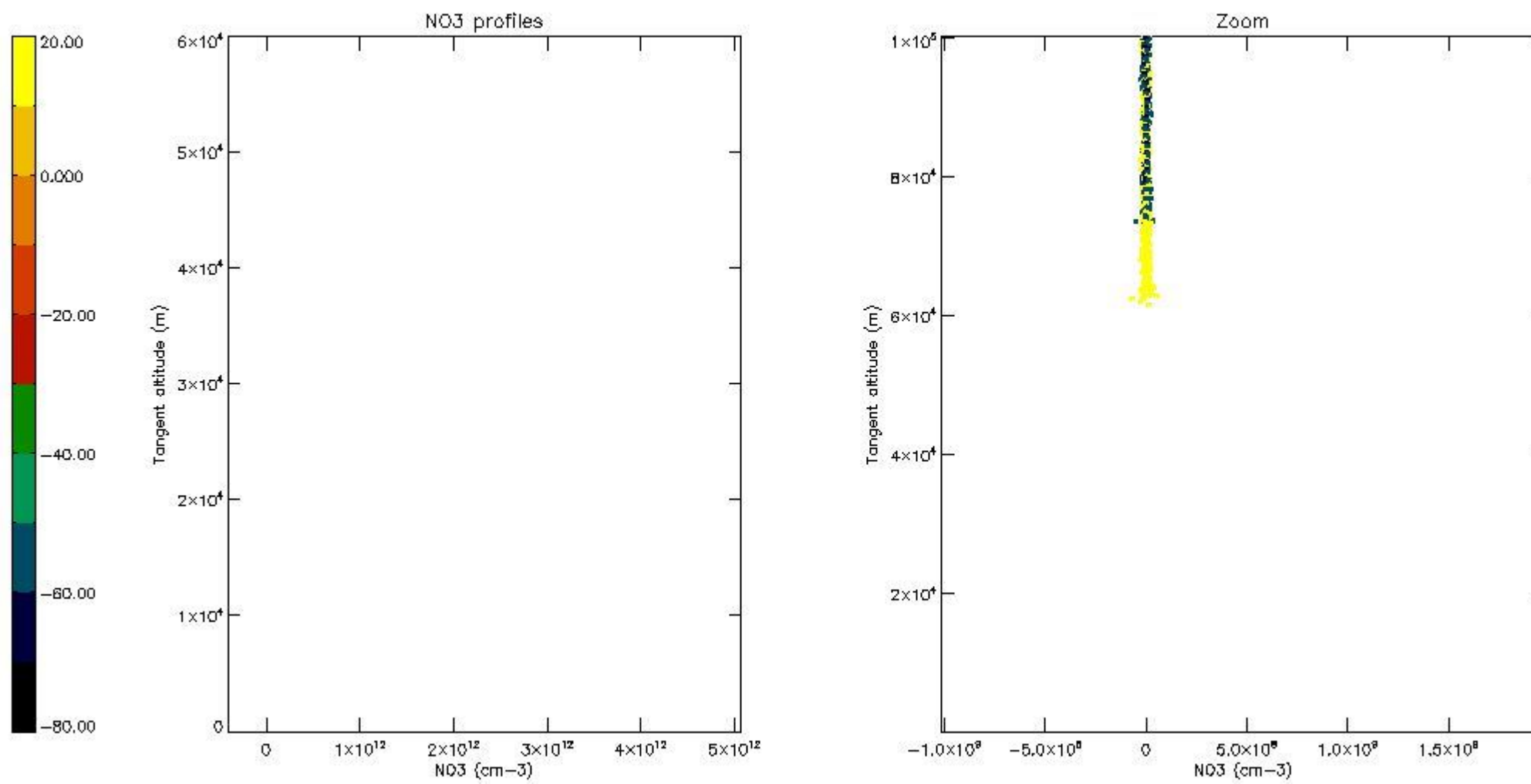
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	21-APR-2009 00:09:29
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	21-APR-2009 00:09:29
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	21-APR-2009 00:09:29

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	26APR2013 08:56:37
Data source version	GOMOS/6.01
Start time of products	21-04-2009 (21APR2009 00:00:00)
Stop time of products	22-04-2009 (22APR2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	163
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

!Warning: No products without errors in BRIGHT limb conditions found

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20090421_000929_00000222078_00202_37330_8932.N1	21-APR-2009 00:09:29	Twi_and_stray	22.000	19	50Alp Cyg	1.2460	10500.	44	37330	No
2	GOM_NL__2PRFIN20090421_002205_00000222078_00202_37330_8933.N1	21-APR-2009 00:22:05	Dark	21.500	61	8Eps Peg	2.1000	3900.0	43	37330	No
3	GOM_NL__2PRFIN20090421_002728_00000242078_00202_37330_8934.N1	21-APR-2009 00:27:28	Dark	23.500	154	22Bet Aqr	2.8990	5700.0	47	37330	No
4	GOM_NL__2PRFIN20090421_004950_00000272078_00203_37331_8939.N1	21-APR-2009 00:49:50	Dark	27.000	147	Alp Ara	2.8770	26000.	54	37331	No
5	GOM_NL__2PRFIN20090421_005203_00000352078_00203_37331_8940.N1	21-APR-2009 00:52:03	Straylight	34.500	25	35Lam Sco	1.6200	28000.	69	37331	No
6	GOM_NL__2PRFIN20090421_005545_00000342078_00203_37331_8941.N1	21-APR-2009 00:55:45	Straylight	33.500	75	26Eps Sco	2.2910	4250.0	67	37331	No
7	GOM_NL__2PRFIN20090421_010639_00000272078_00203_37331_8942.N1	21-APR-2009 01:06:39	Twi_and_stray	27.000	122	9Alp2Lib	2.7470	9700.0	54	37331	No
8	GOM_NL__2PRFIN20090421_011815_00000262078_00203_37331_8943.N1	21-APR-2009 01:18:15	Twi_and_stray	26.000	111	8Eta Boo	2.6800	6000.0	52	37331	No
9	GOM_NL__2PRFIN20090421_012543_00000292078_00203_37331_8944.N1	21-APR-2009 01:25:43	Twi_and_stray	28.500	180	27Gam Boo	3.0400	8000.0	57	37331	No
10	GOM_NL__2PRFIN20090421_012718_00000252078_00203_37331_8945.N1	21-APR-2009 01:27:18	Twi_and_stray	24.500	39	85Eta UMa	1.8540	24000.	49	37331	No
11	GOM_NL__2PRFIN20090421_013527_00000272078_00203_37331_8946.N1	21-APR-2009 01:35:27	Twi_and_stray	26.500	119	14Eta Dra	2.7270	4700.0	53	37331	No
12	GOM_NL__2PRFIN20090421_015004_00000222078_00203_37331_8947.N1	21-APR-2009 01:50:04	Twi_and_stray	22.000	19	50Alp Cyg	1.2460	10500.	44	37331	No
13	GOM_NL__2PRFIN20090421_020241_00000212078_00203_37331_8948.N1	21-APR-2009 02:02:41	Dark	20.500	61	8Eps Peg	2.1000	3900.0	41	37331	No
14	GOM_NL__2PRFIN20090421_020805_00000242078_00203_37331_8949.N1	21-APR-2009 02:08:05	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37331	No
15	GOM_NL__2PRFIN20090421_023027_00000272078_00204_37332_8953.N1	21-APR-2009 02:30:27	Dark	27.000	147	Alp Ara	2.8770	26000.	54	37332	No
16	GOM_NL__2PRFIN20090421_023240_00000352078_00204_37332_8954.N1	21-APR-2009 02:32:40	Straylight	34.500	25	35Lam Sco	1.6200	28000.	69	37332	No
17	GOM_NL__2PRFIN20090421_023622_00000342078_00204_37332_8955.N1	21-APR-2009 02:36:22	Straylight	33.500	75	26Eps Sco	2.2910	4250.0	67	37332	No
18	GOM_NL__2PRFIN20090421_024715_00000272078_00204_37332_8956.N1	21-APR-2009 02:47:15	Twi_and_stray	27.000	122	9Alp2Lib	2.7470	9700.0	54	37332	No
19	GOM_NL__2PRFIN20090421_025851_00000262078_00204_37332_8957.N1	21-APR-2009 02:58:51	Twi_and_stray	25.500	111	8Eta Boo	2.6800	6000.0	51	37332	No
20	GOM_NL__2PRFIN20090421_030618_00000292078_00204_37332_8958.N1	21-APR-2009 03:06:18	Twi_and_stray	28.500	180	27Gam Boo	3.0400	8000.0	57	37332	No
21	GOM_NL__2PRFIN20090421_030754_00000252078_00204_37332_8959.N1	21-APR-2009 03:07:54	Twi_and_stray	24.500	39	85Eta UMa	1.8540	24000.	49	37332	No
22	GOM_NL__2PRFIN20090421_031603_00000262078_00204_37332_8960.N1	21-APR-2009 03:16:03	Twi_and_stray	25.500	119	14Eta Dra	2.7270	4700.0	51	37332	No
23	GOM_NL__2PRFIN20090421_033040_00000222078_00204_37332_8961.N1	21-APR-2009 03:30:40	Twi_and_stray	22.000	19	50Alp Cyg	1.2460	10500.	44	37332	No
24	GOM_NL__2PRFIN20090421_034318_00000212078_00204_37332_8962.N1	21-APR-2009 03:43:18	Dark	21.000	61	8Eps Peg	2.1000	3900.0	42	37332	No
25	GOM_NL__2PRFIN20090421_034842_00000242078_00204_37332_8963.N1	21-APR-2009 03:48:42	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37332	No
26	GOM_NL__2PRFIN20090421_041104_00000272078_00205_37333_8965.N1	21-APR-2009 04:11:04	Dark	27.000	147	Alp Ara	2.8770	26000.	54	37333	No
27	GOM_NL__2PRFIN20090421_041318_00000352078_00205_37333_8966.N1	21-APR-2009 04:13:18	Straylight	34.500	25	35Lam Sco	1.6200	28000.	69	37333	No
28	GOM_NL__2PRFIN20090421_041659_00000342078_00205_37333_8967.N1	21-APR-2009 04:16:59	Straylight	33.500	75	26Eps Sco	2.2910	4250.0	67	37333	No
29	GOM_NL__2PRFIN20090421_042752_00000272078_00205_37333_8968.N1	21-APR-2009 04:27:52	Twi_and_stray	27.000	122	9Alp2Lib	2.7470	9700.0	54	37333	No
30	GOM_NL__2PRFIN20090421_043926_00000262078_00205_37333_8969.N1	21-APR-2009 04:39:26	Twi_and_stray	26.000	111	8Eta Boo	2.6800	6000.0	52	37333	No
31	GOM_NL__2PRFIN20090421_044653_00000292078_00205_37333_8970.N1	21-APR-2009 04:46:53	Twi_and_stray	28.500	180	27Gam Boo	3.0400	8000.0	57	37333	No
32	GOM_NL__2PRFIN20090421_044829_00000252078_00205_37333_8971.N1	21-APR-2009 04:48:29	Twi_and_stray	24.500	39	85Eta UMa	1.8540	24000.	49	37333	No
33	GOM_NL__2PRFIN20090421_045638_00000262078_00205_37333_8972.N1	21-APR-2009 04:56:38	Twi_and_stray	25.500	119	14Eta Dra	2.7270	4700.0	51	37333	No
34	GOM_NL__2PRFIN20090421_051116_00000222078_00205_37333_8973.N1	21-APR-2009 05:11:16	Twi_and_stray	22.000	19	50Alp Cyg	1.2460	10500.	44	37333	No
35	GOM_NL__2PRFIN20090421_052355_00000212078_00205_37333_8974.N1	21-APR-2009 05:23:55	Dark	21.000	61	8Eps Peg	2.1000	3900.0	42	37333	No
36	GOM_NL__2PRFIN20090421_052919_00000242078_00205_37333_8975.N1	21-APR-2009 05:29:19	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37333	No
37	GOM_NL__2PRFIN20090421_055140_00000282078_00206_37334_8984.N1	21-APR-2009 05:51:40	Dark	27.500	147	Alp Ara	2.8770	26000.	55	37334	No
38	GOM_NL__2PRFIN20090421_055355_00000352078_00206_37334_8985.N1	21-APR-2009 05:53:55	Straylight	34.500	25	35Lam Sco	1.6200	28000.	69	37334	No
39	GOM_NL__2PRFIN20090421_055736_00000342078_00206_37334_8986.N1	21-APR-2009 05:57:36	Straylight	33.500	75	26Eps Sco	2.2910	4250.0	67	37334	No
40	GOM_NL__2PRFIN20090421_060828_00000272078_00206_37334_8987.N1	21-APR-2009 06:08:28	Twi_and_stray	27.000	122	9Alp2Lib	2.7470	9700.0	54	37334	No
41	GOM_NL__2PRFIN20090421_062002_00000262078_00206_37334_8988.N1	21-APR-2009 06:20:02	Twi_and_stray	26.000	111	8Eta Boo	2.6800	6000.0	52	37334	No

42	GOM_NL__2PRFIN20090421_062728_000000292078_00206_37334_8989.N1	21-APR-2009 06:27:28	Tw_i_and_stray	28.500	180	27Gam Boo	3.0400	8000.0	57	37334	No
43	GOM_NL__2PRFIN20090421_062905_000000252078_00206_37334_8990.N1	21-APR-2009 06:29:05	Tw_i_and_stray	24.500	39	85Eta UMa	1.8540	24000.	49	37334	No
44	GOM_NL__2PRFIN20090421_063713_000000262078_00206_37334_8991.N1	21-APR-2009 06:37:13	Tw_i_and_stray	25.500	119	14Eta Dra	2.7270	4700.0	51	37334	No
45	GOM_NL__2PRFIN20090421_065152_000000222078_00206_37334_8992.N1	21-APR-2009 06:51:52	Tw_i_and_stray	22.000	19	50Alp Cyg	1.2460	10500.	44	37334	No
46	GOM_NL__2PRFIN20090421_070431_000000212078_00206_37334_8993.N1	21-APR-2009 07:04:31	Dark	21.000	61	8Eps Peg	2.1000	3900.0	42	37334	No
47	GOM_NL__2PRFIN20090421_070955_000000242078_00206_37334_8994.N1	21-APR-2009 07:09:55	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37334	No
48	GOM_NL__2PRFIN20090421_073218_000000272078_00207_37335_9018.N1	21-APR-2009 07:32:18	Dark	27.000	147	Alp Ara	2.8770	26000.	54	37335	No
49	GOM_NL__2PRFIN20090421_073432_000000352078_00207_37335_9019.N1	21-APR-2009 07:34:32	Straylight	34.500	25	35Lam Sco	1.6200	28000.	69	37335	No
50	GOM_NL__2PRFIN20090421_073813_000000342078_00207_37335_9020.N1	21-APR-2009 07:38:13	Straylight	33.500	75	26Eps Sco	2.2910	4250.0	67	37335	No
51	GOM_NL__2PRFIN20090421_074904_000000272078_00207_37335_9021.N1	21-APR-2009 07:49:04	Tw_i_and_stray	26.500	122	9Alp2Lib	2.7470	9700.0	53	37335	No
52	GOM_NL__2PRFIN20090421_080038_000000262078_00207_37335_9022.N1	21-APR-2009 08:00:38	Tw_i_and_stray	25.500	111	8Eta Boo	2.6800	6000.0	51	37335	No
53	GOM_NL__2PRFIN20090421_080803_000000292078_00207_37335_9023.N1	21-APR-2009 08:08:03	Tw_i_and_stray	29.000	180	27Gam Boo	3.0400	8000.0	58	37335	No
54	GOM_NL__2PRFIN20090421_080940_000000252078_00207_37335_9024.N1	21-APR-2009 08:09:40	Tw_i_and_stray	24.500	39	85Eta UMa	1.8540	24000.	49	37335	No
55	GOM_NL__2PRFIN20090421_081749_000000262078_00207_37335_9025.N1	21-APR-2009 08:17:49	Tw_i_and_stray	26.000	119	14Eta Dra	2.7270	4700.0	52	37335	No
56	GOM_NL__2PRFIN20090421_083227_000000222078_00207_37335_9026.N1	21-APR-2009 08:32:27	Tw_i_and_stray	22.000	19	50Alp Cyg	1.2460	10500.	44	37335	No
57	GOM_NL__2PRFIN20090421_084508_000000212078_00207_37335_9027.N1	21-APR-2009 08:45:08	Dark	21.000	61	8Eps Peg	2.1000	3900.0	42	37335	No
58	GOM_NL__2PRFIN20090421_085032_000000242078_00207_37335_9028.N1	21-APR-2009 08:50:32	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37335	No
59	GOM_NL__2PRFIN20090421_091254_000000282078_00208_37336_9036.N1	21-APR-2009 09:12:54	Dark	27.500	147	Alp Ara	2.8770	26000.	55	37336	No
60	GOM_NL__2PRFIN20090421_091509_000000352078_00208_37336_9037.N1	21-APR-2009 09:15:09	Straylight	34.500	25	35Lam Sco	1.6200	28000.	69	37336	No
61	GOM_NL__2PRFIN20090421_091849_000000342078_00208_37336_9038.N1	21-APR-2009 09:18:49	Straylight	33.500	75	26Eps Sco	2.2910	4250.0	67	37336	No
62	GOM_NL__2PRFIN20090421_092940_000000272078_00208_37336_9039.N1	21-APR-2009 09:29:40	Tw_i_and_stray	26.500	122	9Alp2Lib	2.7470	9700.0	53	37336	No
63	GOM_NL__2PRFIN20090421_094113_000000262078_00208_37336_9040.N1	21-APR-2009 09:41:13	Tw_i_and_stray	26.000	111	8Eta Boo	2.6800	6000.0	52	37336	No
64	GOM_NL__2PRFIN20090421_094839_000000292078_00208_37336_9041.N1	21-APR-2009 09:48:39	Tw_i_and_stray	28.500	180	27Gam Boo	3.0400	8000.0	57	37336	No
65	GOM_NL__2PRFIN20090421_095016_000000252078_00208_37336_9042.N1	21-APR-2009 09:50:16	Tw_i_and_stray	24.500	39	85Eta UMa	1.8540	24000.	49	37336	No
66	GOM_NL__2PRFIN20090421_100747_000000192078_00208_37336_9043.N1	21-APR-2009 10:07:47	Tw_i_and_stray	19.000	89	5Alp Cep	2.4510	8000.0	38	37336	No
67	GOM_NL__2PRFIN20090421_101303_000000222078_00208_37336_9044.N1	21-APR-2009 10:13:03	Tw_i_and_stray	22.000	19	50Alp Cyg	1.2460	10500.	44	37336	No
68	GOM_NL__2PRFIN20090421_102544_000000222078_00208_37336_9045.N1	21-APR-2009 10:25:44	Dark	21.500	61	8Eps Peg	2.1000	3900.0	43	37336	No
69	GOM_NL__2PRFIN20090421_103109_000000242078_00208_37336_9046.N1	21-APR-2009 10:31:09	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37336	No
70	GOM_NL__2PRFIN20090421_105331_000000282078_00209_37337_9075.N1	21-APR-2009 10:53:31	Dark	27.500	147	Alp Ara	2.8770	26000.	55	37337	No
71	GOM_NL__2PRFIN20090421_105546_000000352078_00209_37337_9076.N1	21-APR-2009 10:55:46	Straylight	34.500	25	35Lam Sco	1.6200	28000.	69	37337	No
72	GOM_NL__2PRFIN20090421_105926_000000342078_00209_37337_9077.N1	21-APR-2009 10:59:26	Straylight	33.500	75	26Eps Sco	2.2910	4250.0	67	37337	No
73	GOM_NL__2PRFIN20090421_111016_000000272078_00209_37337_9078.N1	21-APR-2009 11:10:16	Tw_i_and_stray	26.500	122	9Alp2Lib	2.7470	9700.0	53	37337	No
74	GOM_NL__2PRFIN20090421_112148_000000262078_00209_37337_9079.N1	21-APR-2009 11:21:48	Tw_i_and_stray	26.000	111	8Eta Boo	2.6800	6000.0	52	37337	No
75	GOM_NL__2PRFIN20090421_112914_000000292078_00209_37337_9080.N1	21-APR-2009 11:29:14	Tw_i_and_stray	28.500	180	27Gam Boo	3.0400	8000.0	57	37337	No
76	GOM_NL__2PRFIN20090421_113051_000000252078_00209_37337_9081.N1	21-APR-2009 11:30:51	Tw_i_and_stray	24.500	39	85Eta UMa	1.8540	24000.	49	37337	No
77	GOM_NL__2PRFIN20090421_113859_000000272078_00209_37337_9082.N1	21-APR-2009 11:38:59	Tw_i_and_stray	26.500	119	14Eta Dra	2.7270	4700.0	53	37337	No
78	GOM_NL__2PRFIN20090421_114822_000000202078_00209_37337_9083.N1	21-APR-2009 11:48:22	Tw_i_and_stray	19.500	89	5Alp Cep	2.4510	8000.0	39	37337	No
79	GOM_NL__2PRFIN20090421_115339_000000222078_00209_37337_9084.N1	21-APR-2009 11:53:39	Tw_i_and_stray	22.000	19	50Alp Cyg	1.2460	10500.	44	37337	No
80	GOM_NL__2PRFIN20090421_120620_000000222078_00209_37337_9085.N1	21-APR-2009 12:06:20	Dark	21.500	61	8Eps Peg	2.1000	3900.0	43	37337	No
81	GOM_NL__2PRFIN20090421_121146_000000242078_00209_37337_9086.N1	21-APR-2009 12:11:46	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37337	No
82	GOM_NL__2PRFIN20090421_123407_000000272078_00210_37338_9098.N1	21-APR-2009 12:34:07	Dark	27.000	147	Alp Ara	2.8770	26000.	54	37338	No
83	GOM_NL__2PRFIN20090421_123623_000000352078_00210_37338_9099.N1	21-APR-2009 12:36:23	Straylight	34.500	25	35Lam Sco	1.6200	28000.	69	37338	No
84	GOM_NL__2PRFIN20090421_124003_000000332078_00210_37338_9100.N1	21-APR-2009 12:40:03	Straylight	33.000	75	26Eps Sco	2.2910	4250.0	66	37338	No
85	GOM_NL__2PRFIN20090421_125052_000000272078_00210_37338_9101.N1	21-APR-2009 12:50:52	Tw_i_and_stray	27.000	122	9Alp2Lib	2.7470	9700.0	54	37338	No
86	GOM_NL__2PRFIN20090421_130224_000000262078_00210_37338_9102.N1	21-APR-2009 13:02:24	Tw_i_and_stray	25.500	111	8Eta Boo	2.6800	6000.0	51	37338	No
87	GOM_NL__2PRFIN20090421_130949_000000292078_00210_37338_9103.N1	21-APR-2009 13:09:49	Tw_i_and_stray	28.500	180	27Gam Boo	3.0400	8000.0	57	37338	No
88	GOM_NL__2PRFIN20090421_131127_000000242078_00210_37338_9104.N1	21-APR-2009 13:11:27	Tw_i_and_stray	24.000	39	85Eta UMa	1.8540	24000.	48	37338	No
89	GOM_NL__2PRFIN20090421_131934_000000262078_00210_37338_9105.N1	21-APR-2009 13:19:34	Tw_i_and_stray	26.000	119	14Eta Dra	2.7270	4700.0	52	37338	No
90	GOM_NL__2PRFIN20090421_132858_000000192078_00210_37338_9106.N1	21-APR-2009 13:28:58	Tw_i_and_stray	19.000	89	5Alp Cep	2.4510	8000.0	38	37338	No
91	GOM_NL__2PRFIN20090421_133414_000000222078_00210_37338_9107.N1	21-APR-2009 13:34:14	Tw_i_and_stray	22.000	19	50Alp Cyg	1.2460	10500.	44	37338	No
92	GOM_NL__2PRFIN20090421_134657_000000212078_00210_37338_9108.N1	21-APR-2009 13:46:57	Dark	21.000	61	8Eps Peg	2.1000	3900.0	42	37338	No
93	GOM_NL__2PRFIN20090421_135222_000000242078_00210_37338_9109.N1	21-APR-2009 13:52:22	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37338	No
94	GOM_NL__2PRFIN20090421_141444_000000272078_00211_37339_9112.N1	21-APR-2009 14:14:44	Dark	27.000	147	Alp Ara	2.8770	26000.	54	37339	No
95	GOM_NL__2PRFIN20090421_141701_000000342078_00211_37339_9113.N1	21-APR-2009 14:17:01	Straylight	34.000	25	35Lam Sco	1.6200	28000.	68	37339	No
96	GOM_NL__2PRFIN20090421_142040_000000332078_00211_37339_9114.N1	21-APR-2009 14:20:40	Straylight	33.000	75	26Eps Sco	2.2910	4250.0	66	37339	No
97	GOM_NL__2PRFIN20090421_143128_000000272078_00211_37339_9115.N1	21-APR-2009 14:31:28	Tw_i_and_stray	27.000	122	9Alp2Lib	2.7470	9700.0	54	37339	No
98	GOM_NL__2PRFIN20090421_144259_000000262078_00211_37339_9116.N1	21-APR-2009 14:42:59	Tw_i_and_stray	26.000	111	8Eta Boo	2.6800	6000.0	52	37339	No
99	GOM_NL__2PRFIN20090421_145024_000000292078_00211_37339_9117.N1	21-APR-2009 14:50:24	Tw_i_and_stray	29.000	180	27Gam Boo	3.0400	8000.0	58	37339	No
100	GOM_NL__2PRFIN20090421_145203_000000242078_00211_37339_9118.N1	21-APR-2009 14:52:03	Tw_i_and_stray	24.000	39	85Eta UMa	1.8540	24000.	48	37339	No

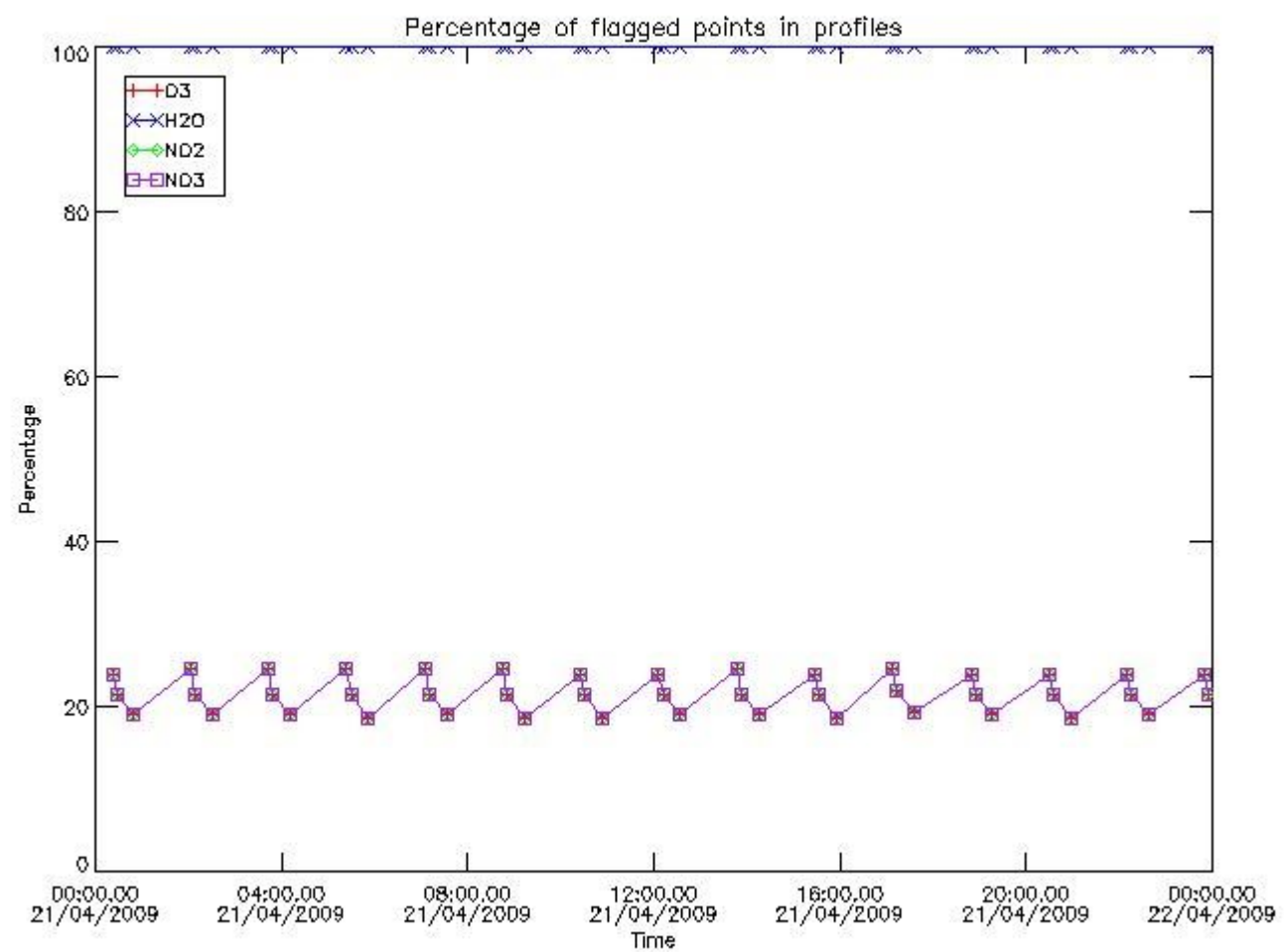
101	GOM_NL__2PRFIN20090421_150009_000000272078_00211_37339_9119.N1	21-APR-2009 15:00:09	TwI_and_stray	26.500	119	14Eta Dra	2.7270	4700.0	53	37339	No
102	GOM_NL__2PRFIN20090421_150933_000000202078_00211_37339_9120.N1	21-APR-2009 15:09:33	TwI_and_stray	19.500	89	5Alp Cep	2.4510	8000.0	39	37339	No
103	GOM_NL__2PRFIN20090421_151450_000000222078_00211_37339_9121.N1	21-APR-2009 15:14:50	TwI_and_stray	22.000	19	50Alp Cyg	1.2460	10500.	44	37339	No
104	GOM_NL__2PRFIN20090421_152733_000000222078_00211_37339_9122.N1	21-APR-2009 15:27:33	Dark	21.500	61	8Eps Peg	2.1000	3900.0	43	37339	No
105	GOM_NL__2PRFIN20090421_153259_000000242078_00211_37339_9123.N1	21-APR-2009 15:32:59	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37339	No
106	GOM_NL__2PRFIN20090421_155521_000000282078_00212_37340_9126.N1	21-APR-2009 15:55:21	Dark	27.500	147	Alp Ara	2.8770	26000.	55	37340	No
107	GOM_NL__2PRFIN20090421_155738_000000342078_00212_37340_9127.N1	21-APR-2009 15:57:38	Straylight	34.000	25	35Lam Sco	1.6200	28000.	68	37340	No
108	GOM_NL__2PRFIN20090421_160117_000000332078_00212_37340_9128.N1	21-APR-2009 16:01:17	Straylight	33.000	75	26Eps Sco	2.2910	4250.0	66	37340	No
109	GOM_NL__2PRFIN20090421_161204_000000272078_00212_37340_9129.N1	21-APR-2009 16:12:04	TwI_and_stray	27.000	122	9Alp2Lib	2.7470	9700.0	54	37340	No
110	GOM_NL__2PRFIN20090421_162335_000000262078_00212_37340_9130.N1	21-APR-2009 16:23:35	TwI_and_stray	26.000	111	8Eta Boo	2.6800	6000.0	52	37340	No
111	GOM_NL__2PRFIN20090421_163100_000000292078_00212_37340_9131.N1	21-APR-2009 16:31:00	TwI_and_stray	28.500	180	27Gam Boo	3.0400	8000.0	57	37340	No
112	GOM_NL__2PRFIN20090421_163238_000000242078_00212_37340_9132.N1	21-APR-2009 16:32:38	TwI_and_stray	24.000	39	85Eta UMa	1.8540	24000.	48	37340	No
113	GOM_NL__2PRFIN20090421_164045_000000262078_00212_37340_9133.N1	21-APR-2009 16:40:45	TwI_and_stray	26.000	119	14Eta Dra	2.7270	4700.0	52	37340	No
114	GOM_NL__2PRFIN20090421_165010_000000192078_00212_37340_9134.N1	21-APR-2009 16:50:10	TwI_and_stray	19.000	89	5Alp Cep	2.4510	8000.0	38	37340	No
115	GOM_NL__2PRFIN20090421_165526_000000222078_00212_37340_9135.N1	21-APR-2009 16:55:26	TwI_and_stray	21.500	19	50Alp Cyg	1.2460	10500.	43	37340	No
116	GOM_NL__2PRFIN20090421_170810_000000212078_00212_37340_9136.N1	21-APR-2009 17:08:10	Dark	21.000	61	8Eps Peg	2.1000	3900.0	42	37340	No
117	GOM_NL__2PRFIN20090421_171336_000000242078_00212_37340_9137.N1	21-APR-2009 17:13:36	Dark	23.500	154	22Bet Aqr	2.8990	5700.0	47	37340	No
118	GOM_NL__2PRFIN20090421_173558_000000272078_00213_37341_9140.N1	21-APR-2009 17:35:58	Dark	26.500	147	Alp Ara	2.8770	26000.	53	37341	No
119	GOM_NL__2PRFIN20090421_173815_000000342078_00213_37341_9141.N1	21-APR-2009 17:38:15	Straylight	34.000	25	35Lam Sco	1.6200	28000.	68	37341	No
120	GOM_NL__2PRFIN20090421_174154_000000332078_00213_37341_9142.N1	21-APR-2009 17:41:54	Straylight	32.500	75	26Eps Sco	2.2910	4250.0	65	37341	No
121	GOM_NL__2PRFIN20090421_175240_000000272078_00213_37341_9143.N1	21-APR-2009 17:52:40	TwI_and_stray	27.000	122	9Alp2Lib	2.7470	9700.0	54	37341	No
122	GOM_NL__2PRFIN20090421_180410_000000262078_00213_37341_9144.N1	21-APR-2009 18:04:10	TwI_and_stray	25.500	111	8Eta Boo	2.6800	6000.0	51	37341	No
123	GOM_NL__2PRFIN20090421_181135_000000292078_00213_37341_9145.N1	21-APR-2009 18:11:35	TwI_and_stray	28.500	180	27Gam Boo	3.0400	8000.0	57	37341	No
124	GOM_NL__2PRFIN20090421_181314_000000242078_00213_37341_9146.N1	21-APR-2009 18:13:14	TwI_and_stray	23.500	39	85Eta UMa	1.8540	24000.	47	37341	No
125	GOM_NL__2PRFIN20090421_182120_000000262078_00213_37341_9147.N1	21-APR-2009 18:21:20	TwI_and_stray	26.000	119	14Eta Dra	2.7270	4700.0	52	37341	No
126	GOM_NL__2PRFIN20090421_183045_000000192078_00213_37341_9148.N1	21-APR-2009 18:30:45	TwI_and_stray	19.000	89	5Alp Cep	2.4510	8000.0	38	37341	No
127	GOM_NL__2PRFIN20090421_183602_000000222078_00213_37341_9149.N1	21-APR-2009 18:36:02	TwI_and_stray	22.000	19	50Alp Cyg	1.2460	10500.	44	37341	No
128	GOM_NL__2PRFIN20090421_184846_000000222078_00213_37341_9150.N1	21-APR-2009 18:48:46	Dark	21.500	61	8Eps Peg	2.1000	3900.0	43	37341	No
129	GOM_NL__2PRFIN20090421_185413_000000242078_00213_37341_9151.N1	21-APR-2009 18:54:13	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37341	No
130	GOM_NL__2PRFIN20090421_191635_000000272078_00214_37342_9154.N1	21-APR-2009 19:16:35	Dark	27.000	147	Alp Ara	2.8770	26000.	54	37342	No
131	GOM_NL__2PRFIN20090421_191852_000000352078_00214_37342_9155.N1	21-APR-2009 19:18:52	Straylight	34.500	25	35Lam Sco	1.6200	28000.	69	37342	No
132	GOM_NL__2PRFIN20090421_192231_000000332078_00214_37342_9156.N1	21-APR-2009 19:22:31	Straylight	32.500	75	26Eps Sco	2.2910	4250.0	65	37342	No
133	GOM_NL__2PRFIN20090421_193316_000000272078_00214_37342_9157.N1	21-APR-2009 19:33:16	TwI_and_stray	27.000	122	9Alp2Lib	2.7470	9700.0	54	37342	No
134	GOM_NL__2PRFIN20090421_194446_000000262078_00214_37342_9158.N1	21-APR-2009 19:44:46	TwI_and_stray	26.000	111	8Eta Boo	2.6800	6000.0	52	37342	No
135	GOM_NL__2PRFIN20090421_195210_000000292078_00214_37342_9159.N1	21-APR-2009 19:52:10	TwI_and_stray	28.500	180	27Gam Boo	3.0400	8000.0	57	37342	No
136	GOM_NL__2PRFIN20090421_200155_000000262078_00214_37342_9160.N1	21-APR-2009 20:01:55	TwI_and_stray	26.000	119	14Eta Dra	2.7270	4700.0	52	37342	No
137	GOM_NL__2PRFIN20090421_201121_000000192078_00214_37342_9161.N1	21-APR-2009 20:11:21	TwI_and_stray	19.000	89	5Alp Cep	2.4510	8000.0	38	37342	No
138	GOM_NL__2PRFIN20090421_201637_000000222078_00214_37342_9162.N1	21-APR-2009 20:16:37	TwI_and_stray	22.000	19	50Alp Cyg	1.2460	10500.	44	37342	No
139	GOM_NL__2PRFIN20090421_202923_000000222078_00214_37342_9163.N1	21-APR-2009 20:29:23	Dark	21.500	61	8Eps Peg	2.1000	3900.0	43	37342	No
140	GOM_NL__2PRFIN20090421_203450_000000242078_00214_37342_9164.N1	21-APR-2009 20:34:50	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37342	No
141	GOM_NL__2PRFIN20090421_205711_000000282078_00215_37343_9168.N1	21-APR-2009 20:57:11	Dark	27.500	147	Alp Ara	2.8770	26000.	55	37343	No
142	GOM_NL__2PRFIN20090421_205929_000000342078_00215_37343_9169.N1	21-APR-2009 20:59:29	Straylight	34.000	25	35Lam Sco	1.6200	28000.	68	37343	No
143	GOM_NL__2PRFIN20090421_210307_000000342078_00215_37343_9170.N1	21-APR-2009 21:03:07	Straylight	33.500	75	26Eps Sco	2.2910	4250.0	67	37343	No
144	GOM_NL__2PRFIN20090421_211352_000000272078_00215_37343_9171.N1	21-APR-2009 21:13:52	TwI_and_stray	26.500	122	9Alp2Lib	2.7470	9700.0	53	37343	No
145	GOM_NL__2PRFIN20090421_212521_000000262078_00215_37343_9172.N1	21-APR-2009 21:25:21	TwI_and_stray	26.000	111	8Eta Boo	2.6800	6000.0	52	37343	No
146	GOM_NL__2PRFIN20090421_213245_000000292078_00215_37343_9173.N1	21-APR-2009 21:32:45	TwI_and_stray	28.500	180	27Gam Boo	3.0400	8000.0	57	37343	No
147	GOM_NL__2PRFIN20090421_214230_000000262078_00215_37343_9174.N1	21-APR-2009 21:42:30	TwI_and_stray	26.000	119	14Eta Dra	2.7270	4700.0	52	37343	No
148	GOM_NL__2PRFIN20090421_215157_000000192078_00215_37343_9175.N1	21-APR-2009 21:51:57	TwI_and_stray	19.000	89	5Alp Cep	2.4510	8000.0	38	37343	No
149	GOM_NL__2PRFIN20090421_215713_000000222078_00215_37343_9176.N1	21-APR-2009 21:57:13	TwI_and_stray	22.000	19	50Alp Cyg	1.2460	10500.	44	37343	No
150	GOM_NL__2PRFIN20090421_220959_000000222078_00215_37343_9177.N1	21-APR-2009 22:09:59	Dark	21.500	61	8Eps Peg	2.1000	3900.0	43	37343	No
151	GOM_NL__2PRFIN20090421_221526_000000242078_00215_37343_9178.N1	21-APR-2009 22:15:26	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37343	No
152	GOM_NL__2PRFIN20090421_223748_000000272078_00216_37344_9181.N1	21-APR-2009 22:37:48	Dark	27.000	147	Alp Ara	2.8770	26000.	54	37344	No
153	GOM_NL__2PRFIN20090421_224006_000000342078_00216_37344_9182.N1	21-APR-2009 22:40:06	Straylight	34.000	25	35Lam Sco	1.6200	28000.	68	37344	No
154	GOM_NL__2PRFIN20090421_224345_000000332078_00216_37344_9183.N1	21-APR-2009 22:43:45	Straylight	33.000	75	26Eps Sco	2.2910	4250.0	66	37344	No
155	GOM_NL__2PRFIN20090421_225428_000000272078_00216_37344_9184.N1	21-APR-2009 22:54:28	TwI_and_stray	26.500	122	9Alp2Lib	2.7470	9700.0	53	37344	No
156	GOM_NL__2PRFIN20090421_230557_000000252078_00216_37344_9185.N1	21-APR-2009 23:05:57	TwI_and_stray	25.000	111	8Eta Boo	2.6800	6000.0	50	37344	No
157	GOM_NL__2PRFIN20090421_231033_000000272078_00216_37344_9186.N1	21-APR-2009 23:10:33	TwI_and_stray	27.000	83		2.3780	11000.	54	37344	No
158	GOM_NL__2PRFIN20090421_231320_000000292078_00216_37344_9187.N1	21-APR-2009 23:13:20	TwI_and_stray	28.500	180	27Gam Boo	3.0400	8000.0	57	37344	No
159	GOM_NL__2PRFIN20090421_232306_000000262078_00216_37344_9188.N1	21-APR-2009 23:23:06	TwI_and_stray	26.000	119	14Eta Dra	2.7270	4700.0	52	37344	No

160	GOM_NL__2PRFIN20090421_233232_000000192078_00216_37344_9189.N1	21-APR-2009 23:32:32	Twilight_stray	19.000	89	5Alp Cep	2.4510	8000.0	38	37344	No
161	GOM_NL__2PRFIN20090421_233749_000000222078_00216_37344_9190.N1	21-APR-2009 23:37:49	Twilight_stray	22.000	19	50Alp Cyg	1.2460	10500.	44	37344	No
162	GOM_NL__2PRFIN20090421_235036_000000222078_00216_37344_9191.N1	21-APR-2009 23:50:36	Dark	21.500	61	8Eps Peg	2.1000	3900.0	43	37344	No
163	GOM_NL__2PRFIN20090421_235603_000000242078_00216_37344_9192.N1	21-APR-2009 23:56:03	Dark	24.000	154	22Bet Aqr	2.8990	5700.0	48	37344	No

3. Quality information per product

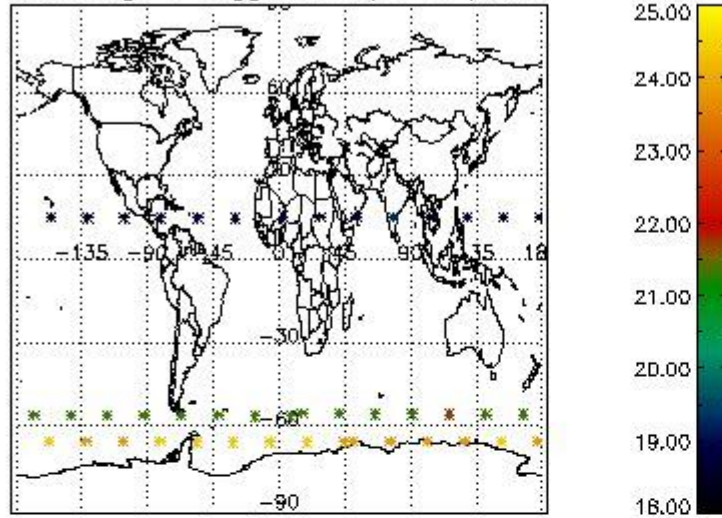
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

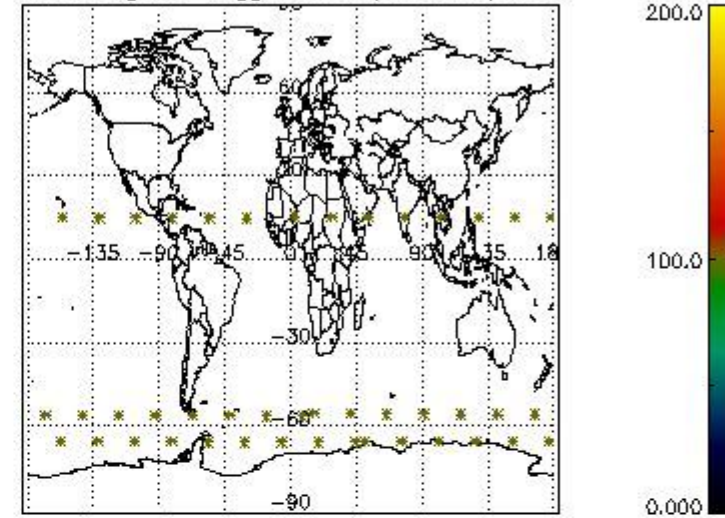


3.2 Plot quality information per product (world map)

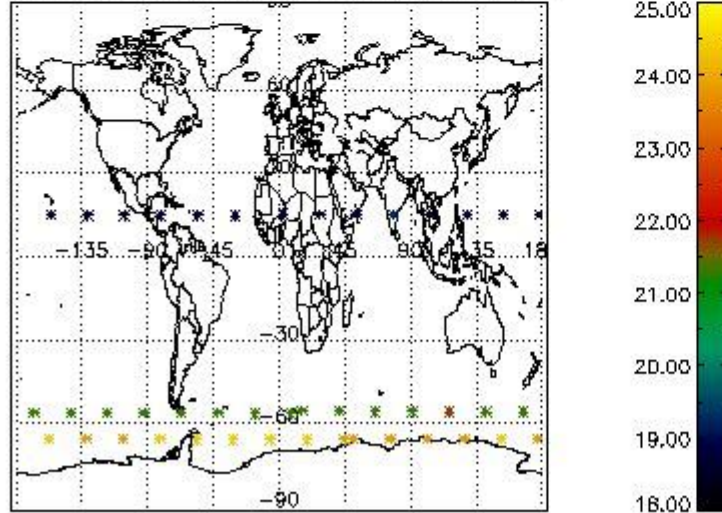
Percentage of flagged data per O3 profile



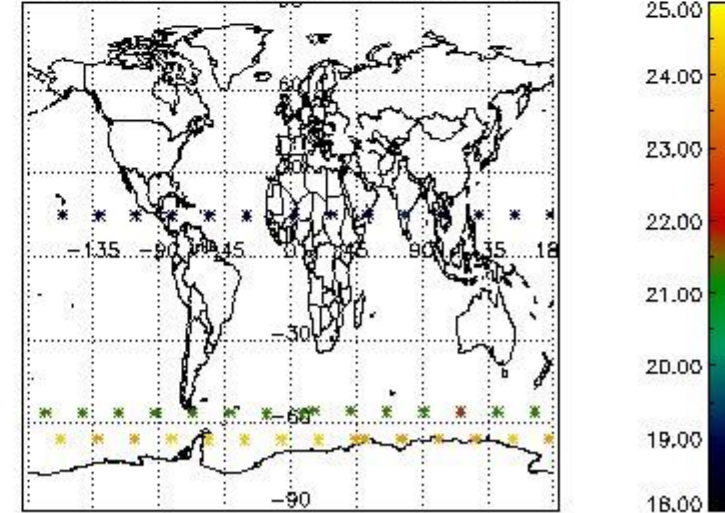
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

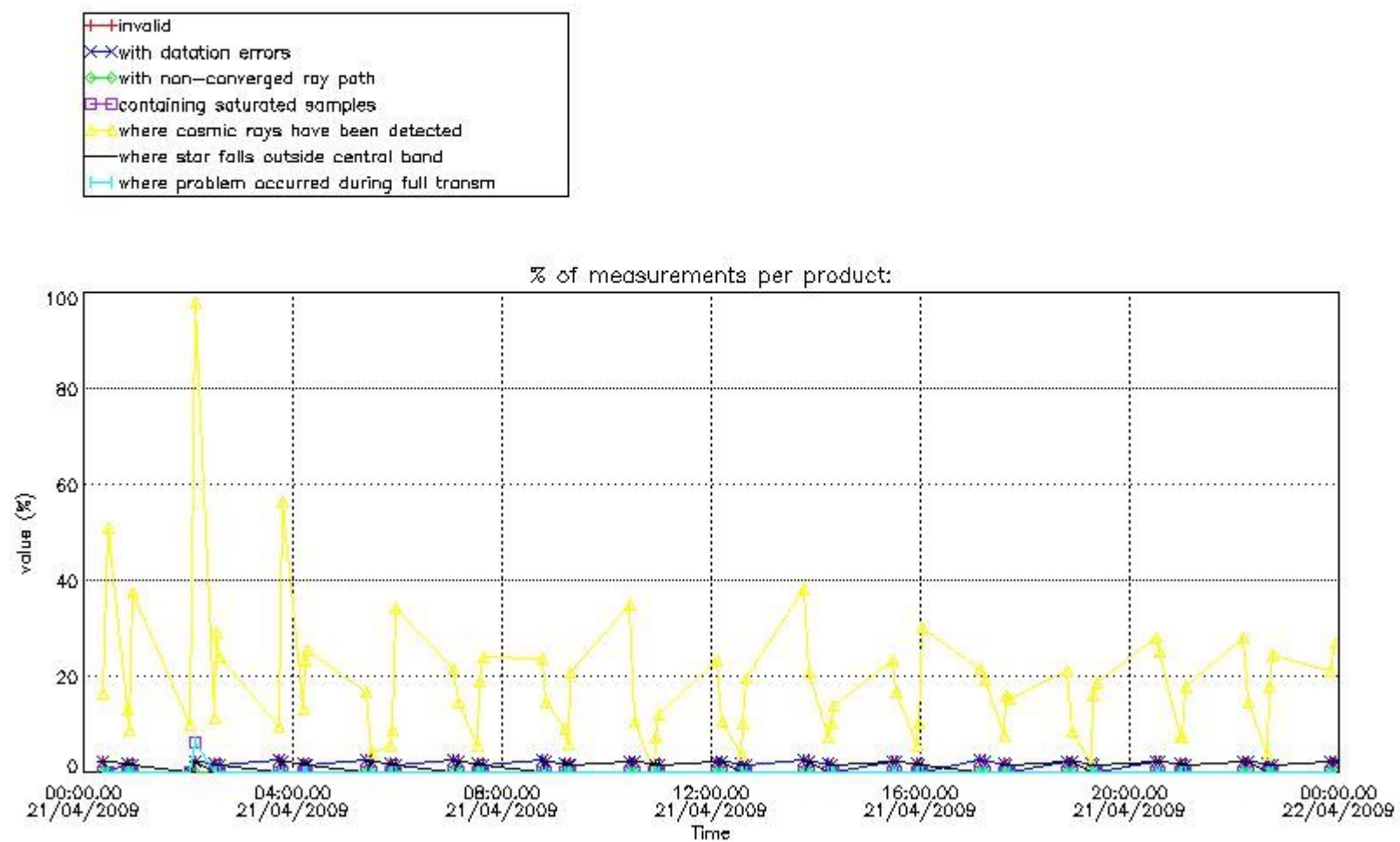


4. Level 1 quality information per product

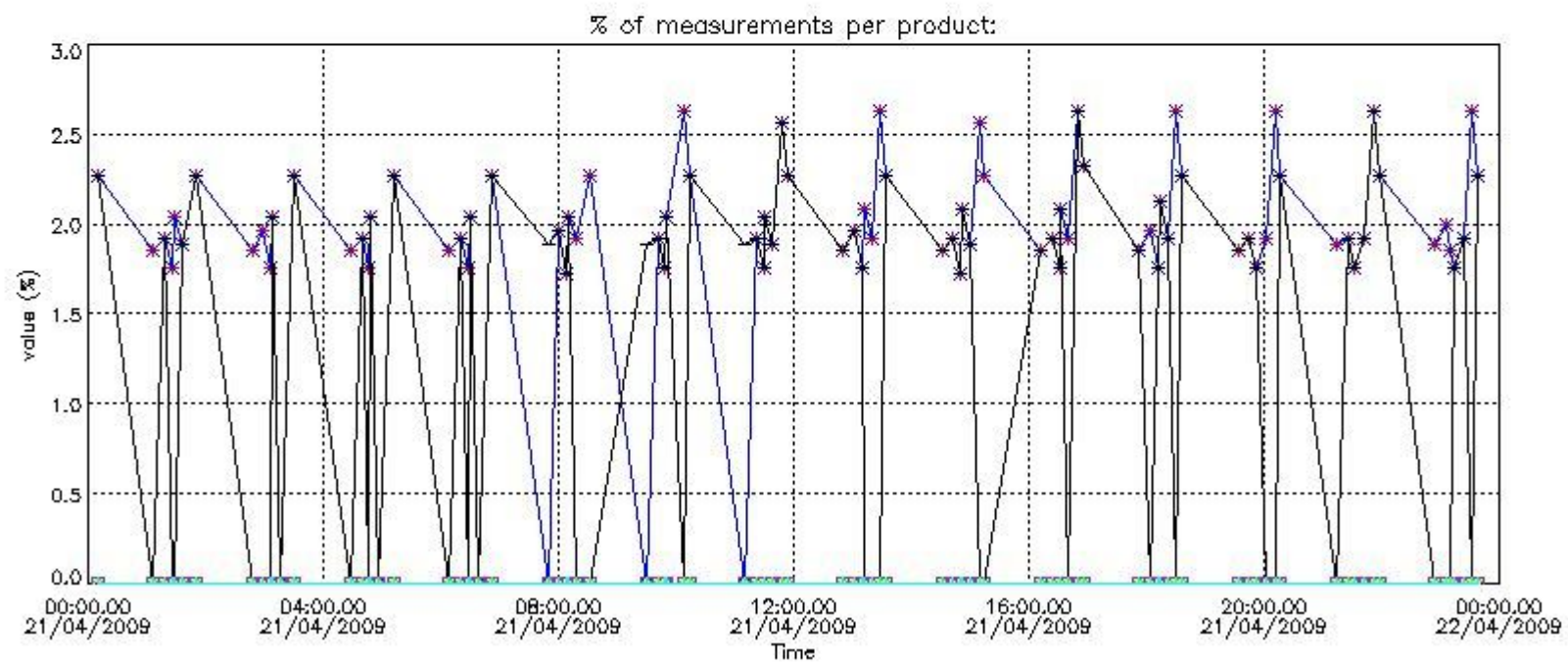
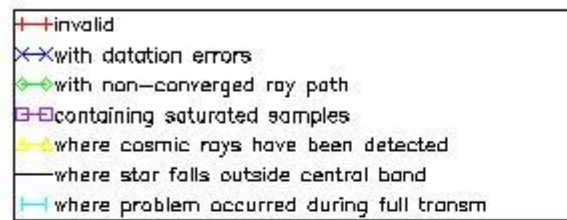
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



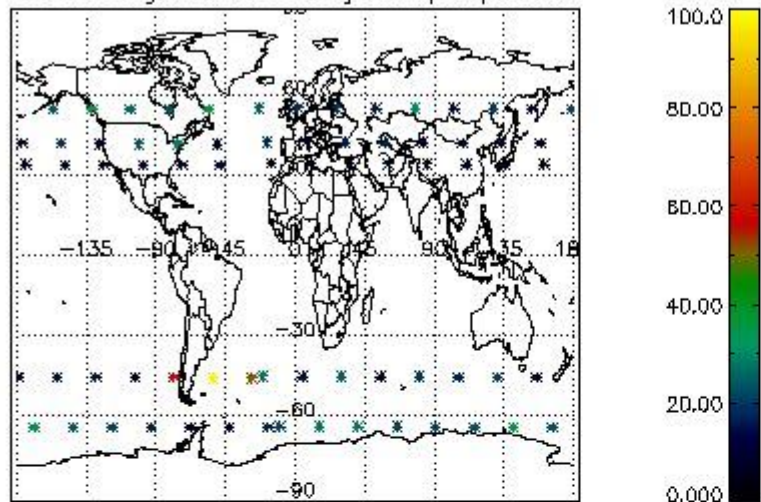
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



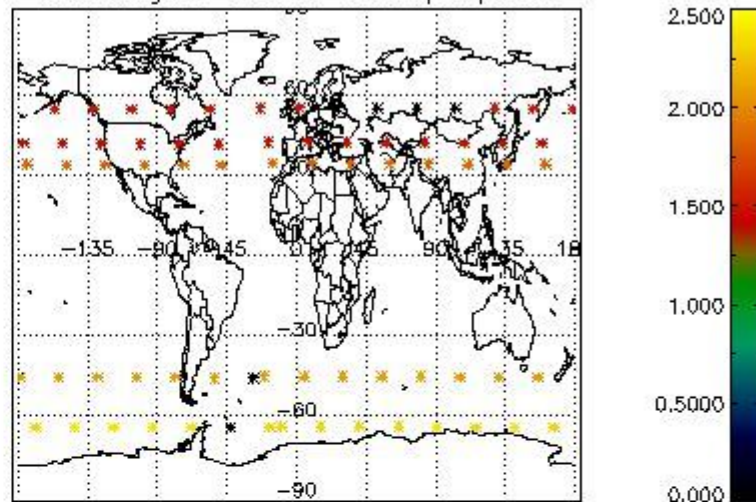
4.2 Plot quality information per product coming from level 1b processing (world map)

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

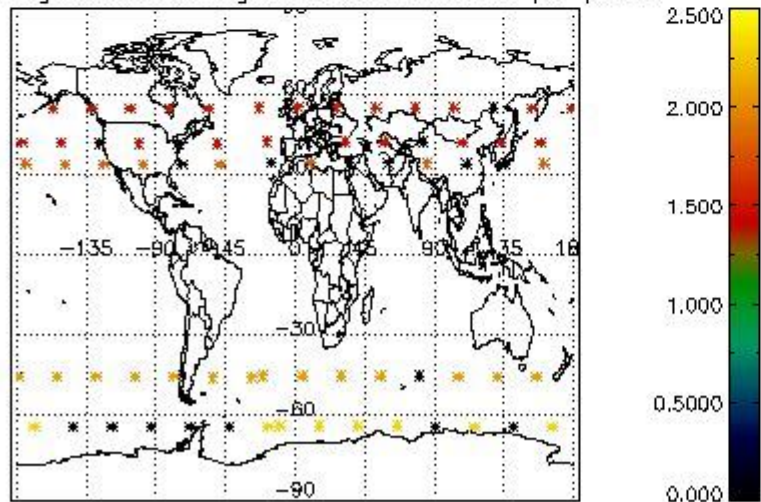
Percentage of cosmic ray hits per profile



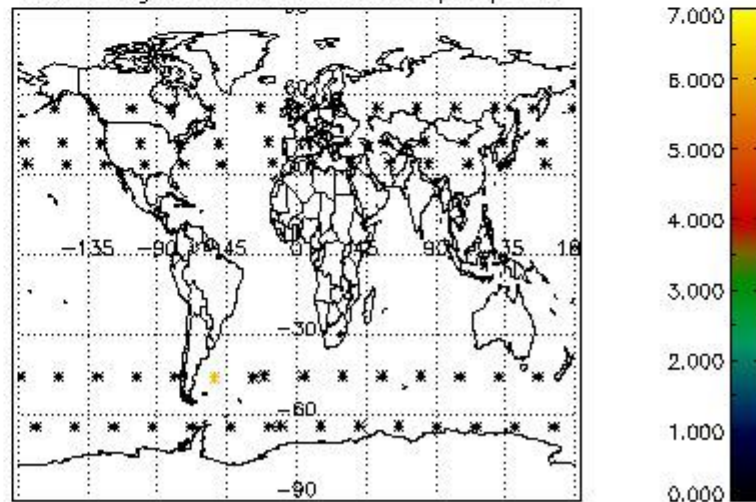
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

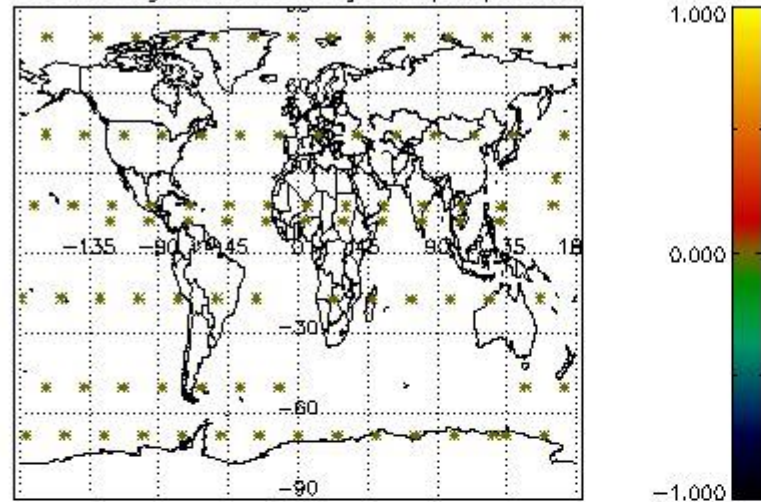


Percentage of saturation errors per profile

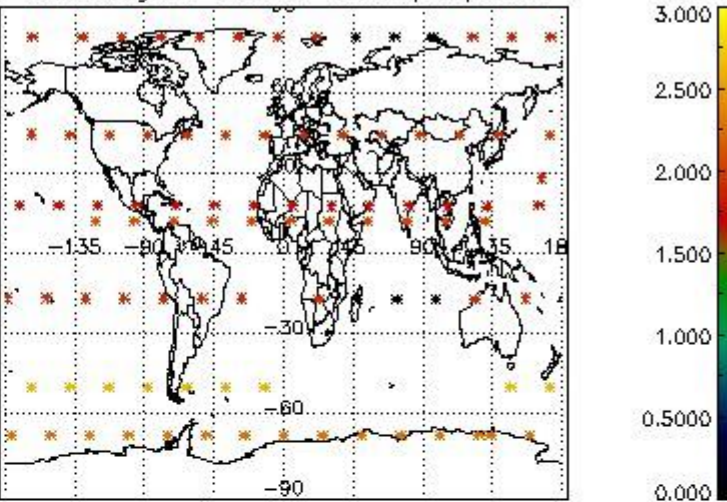


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

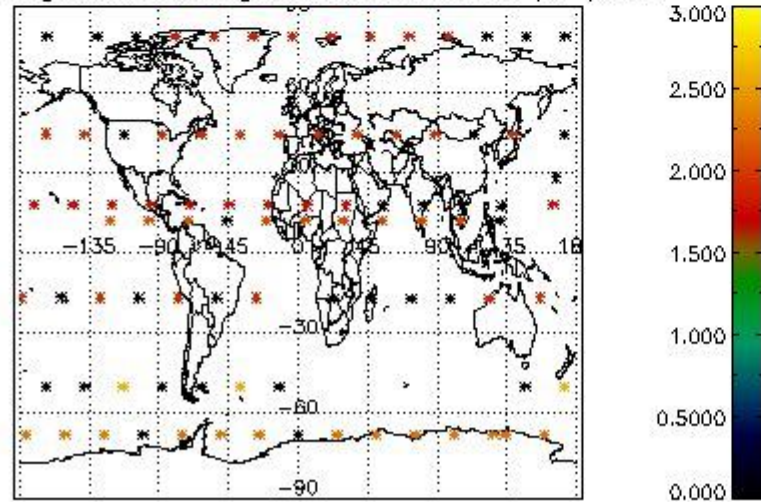
Percentage of cosmic ray hits per profile



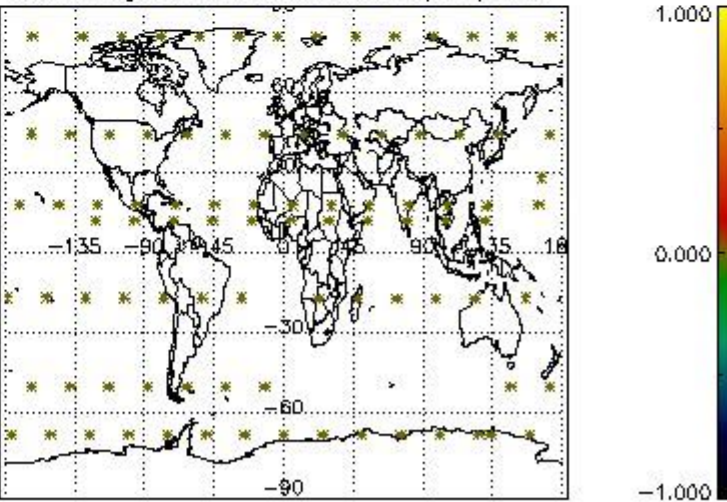
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

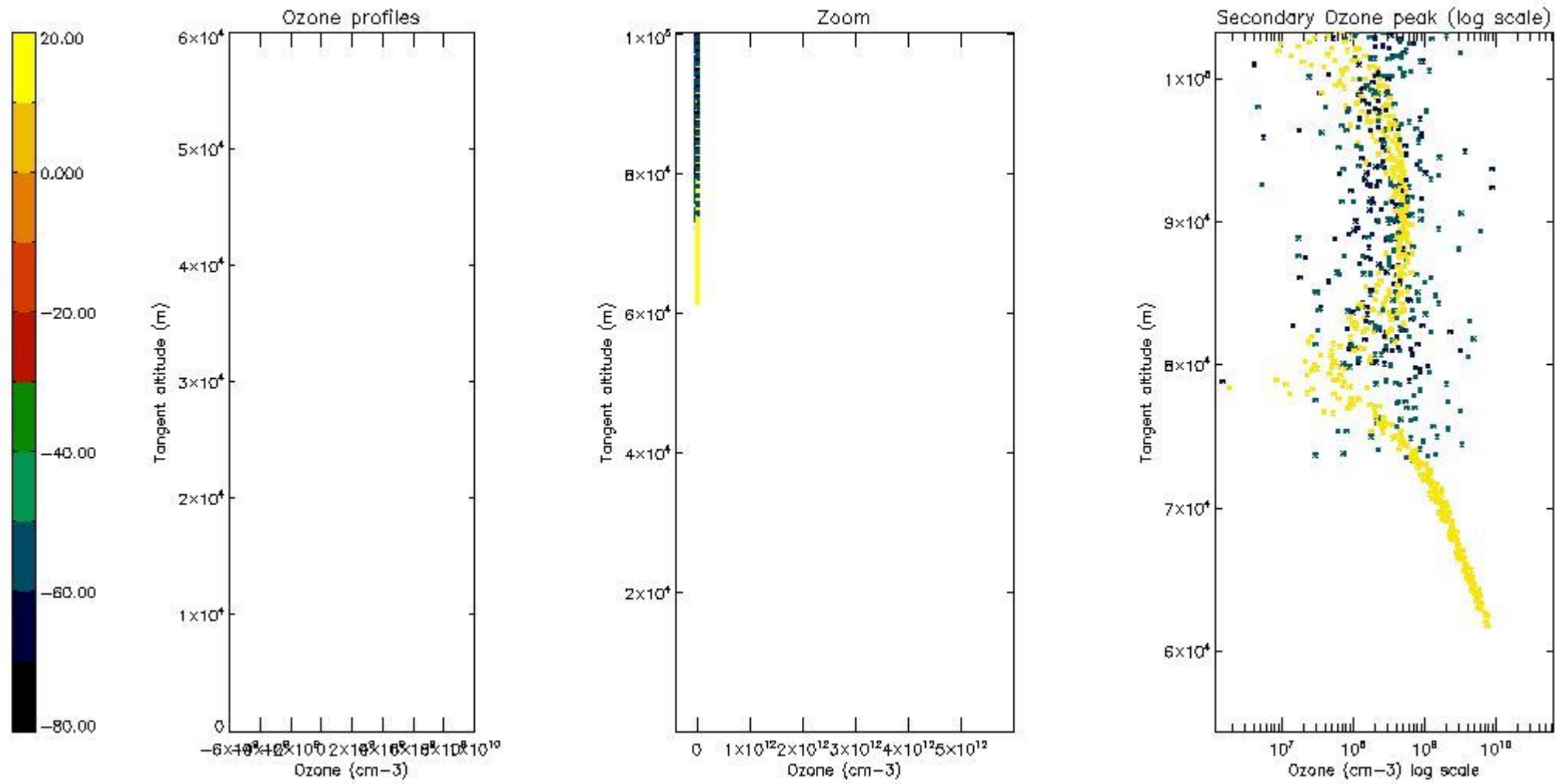
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	24
STD < 20	4

STD < 10	2
STD < 5	1

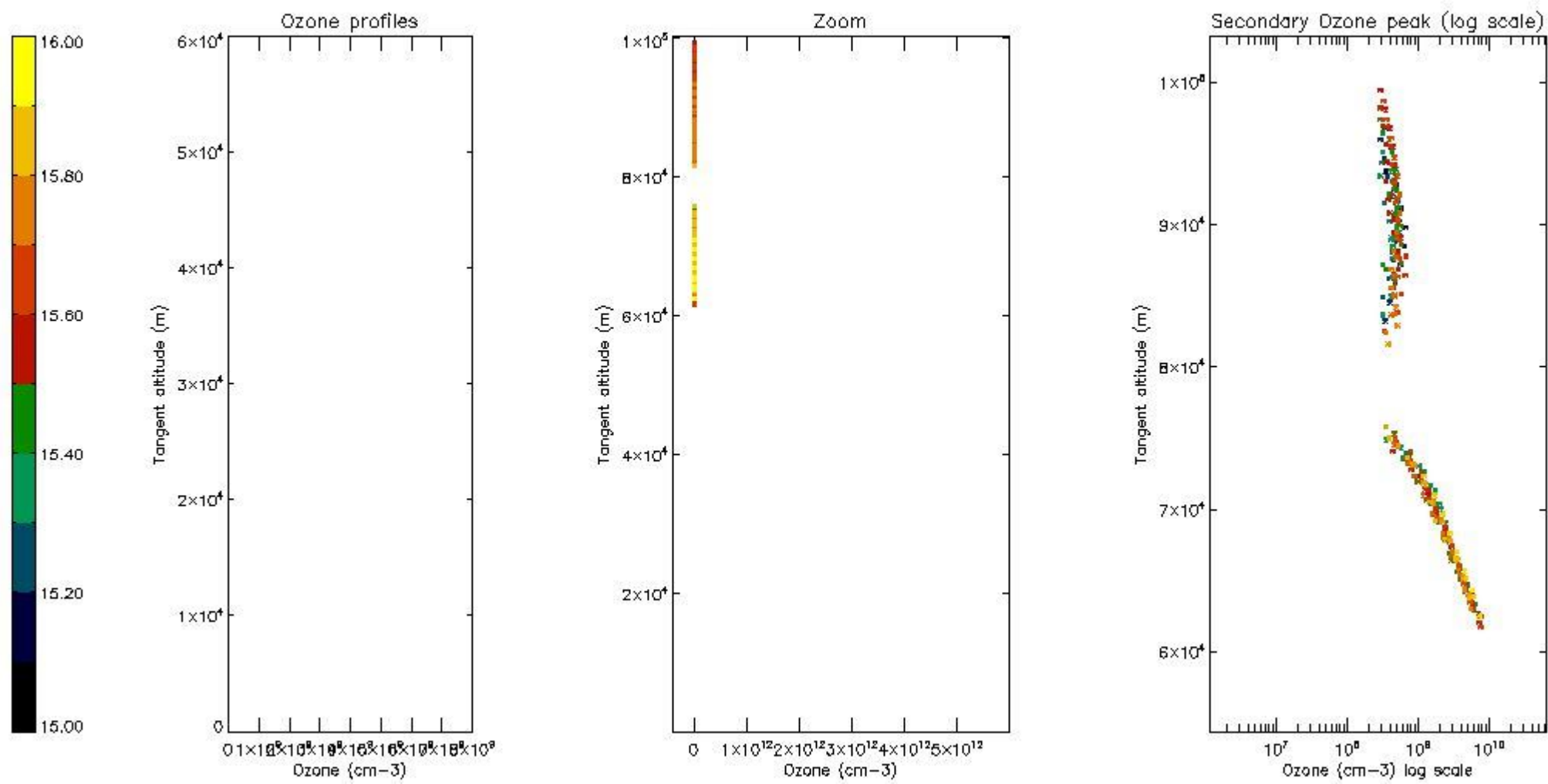
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



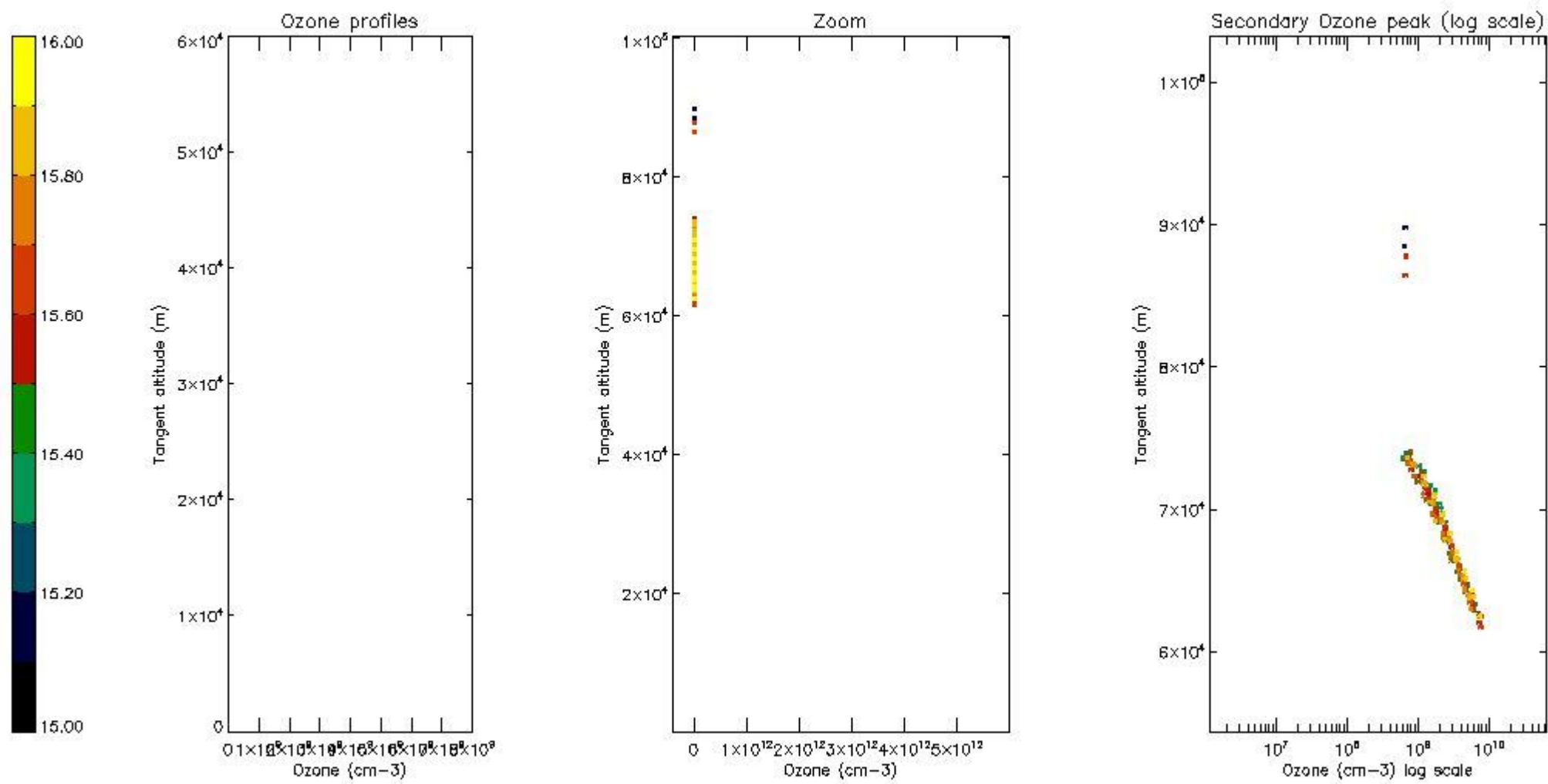
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



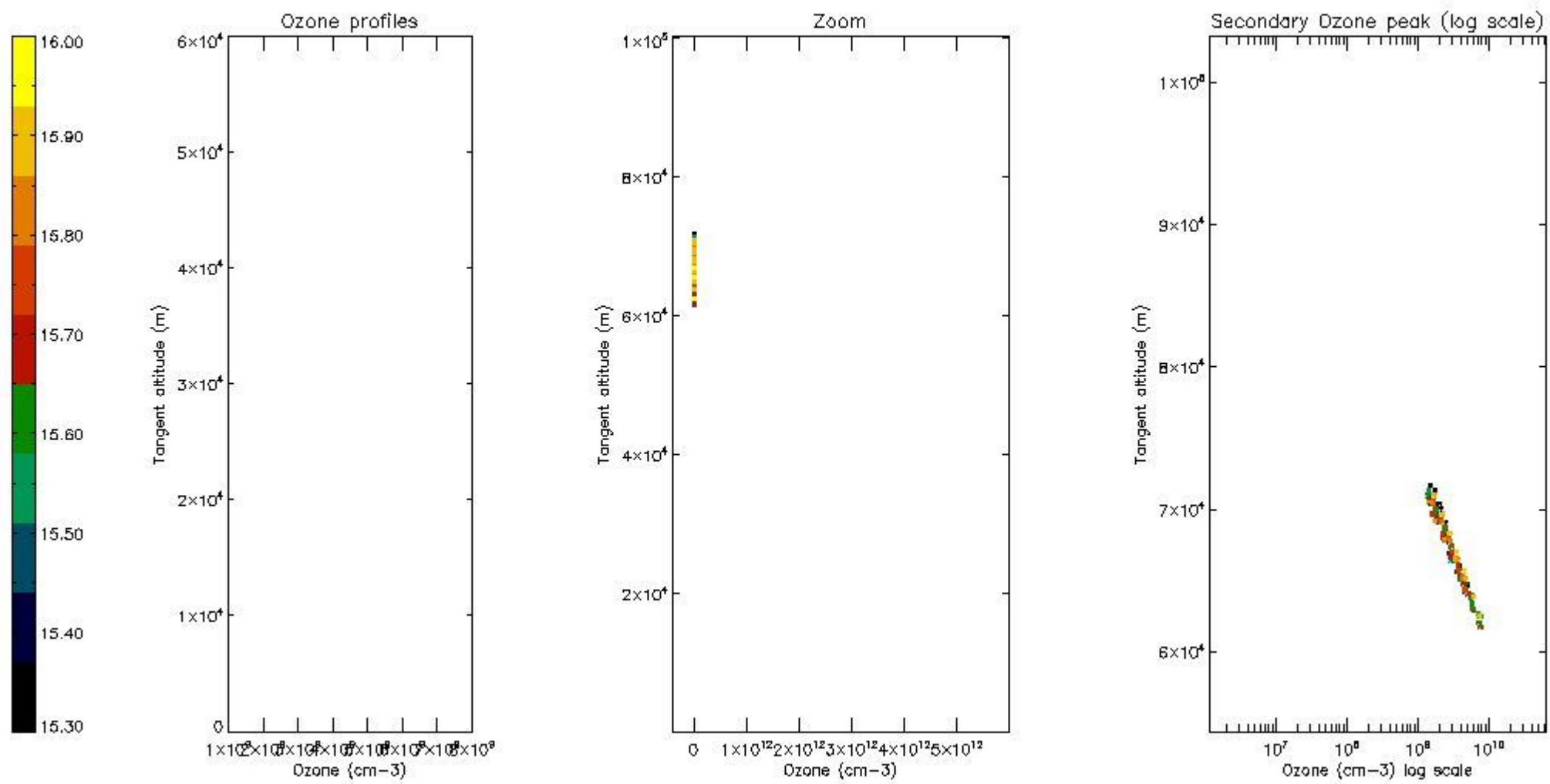
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



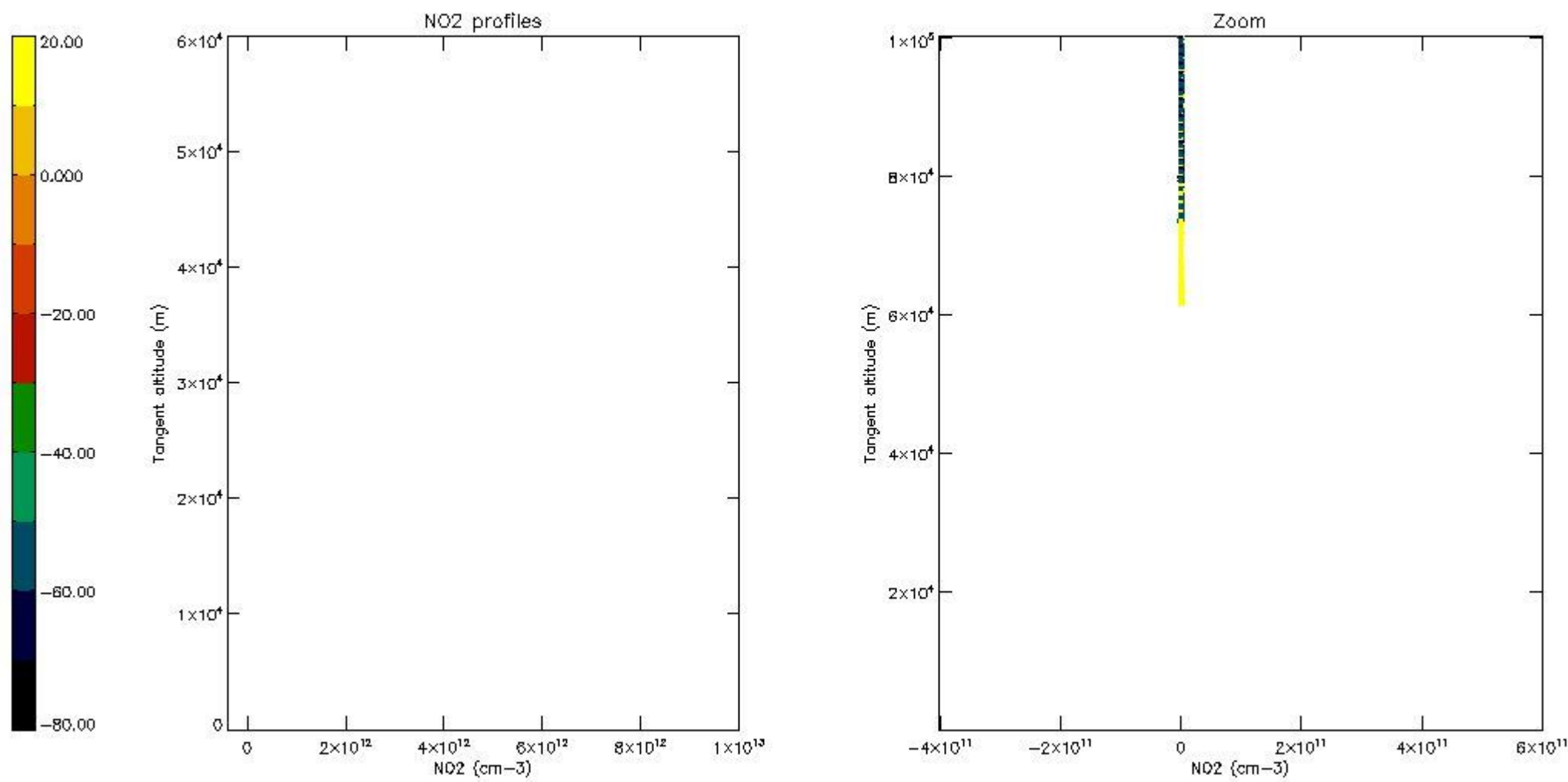
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



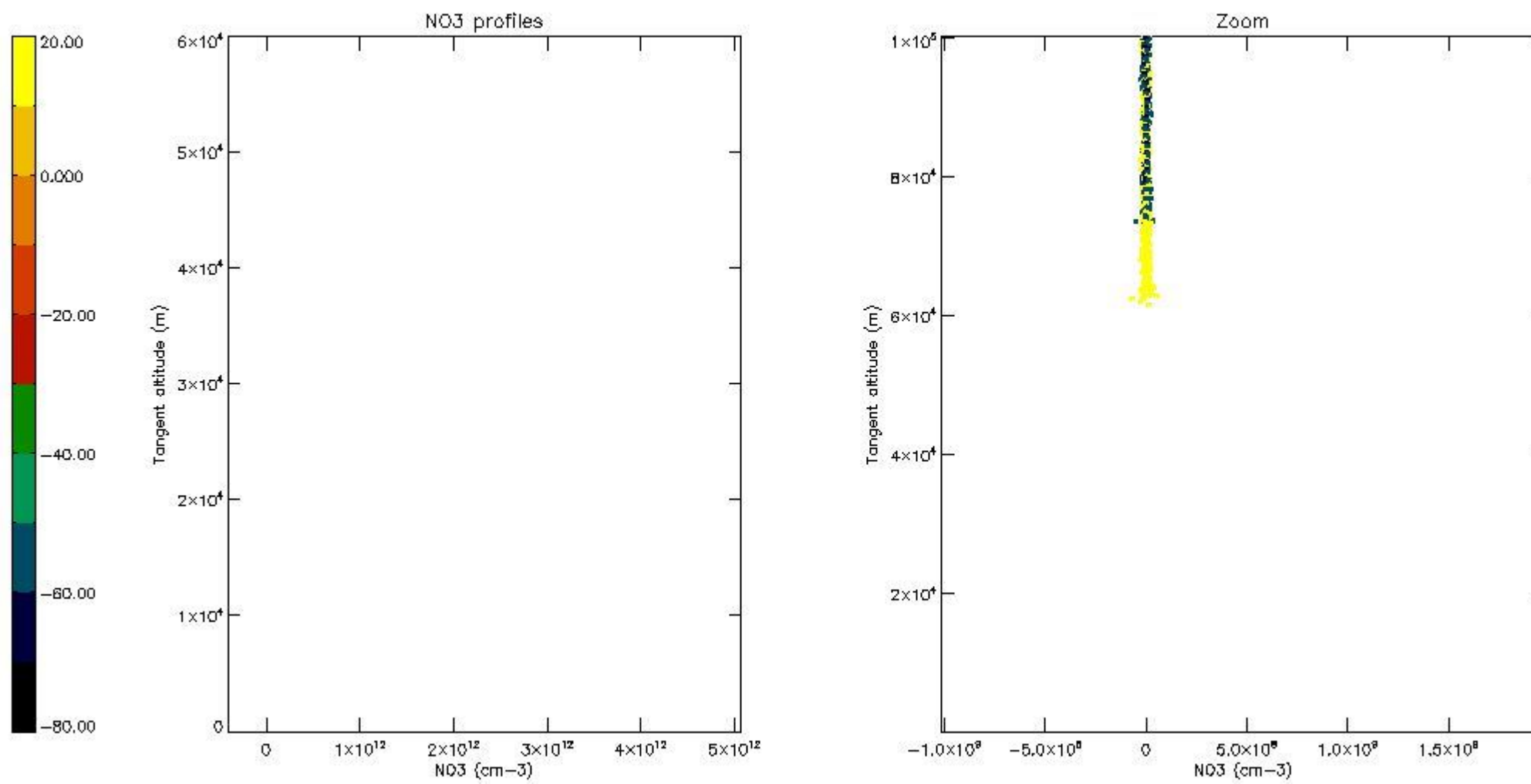
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

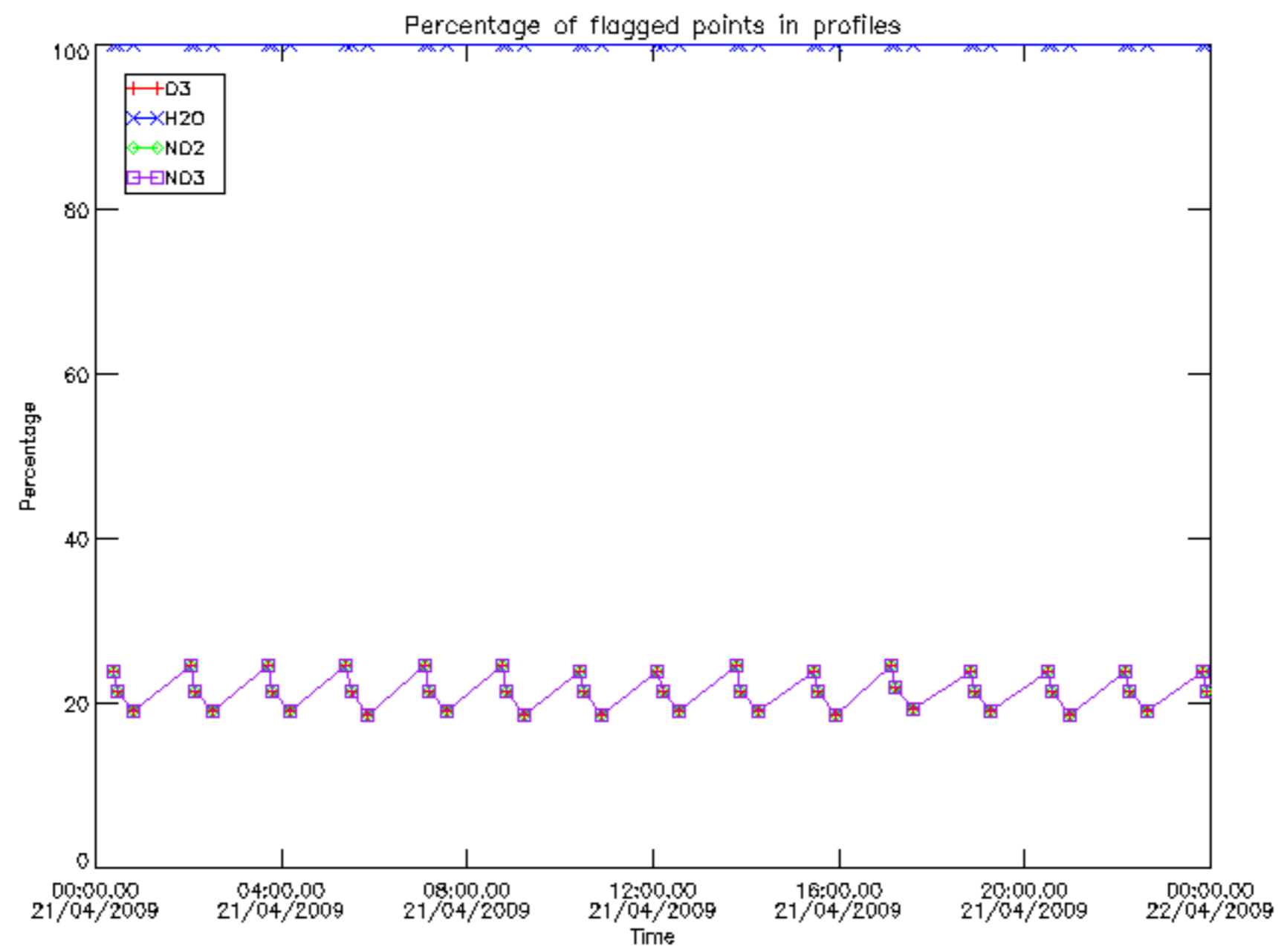
The colorbar represents the latitude.



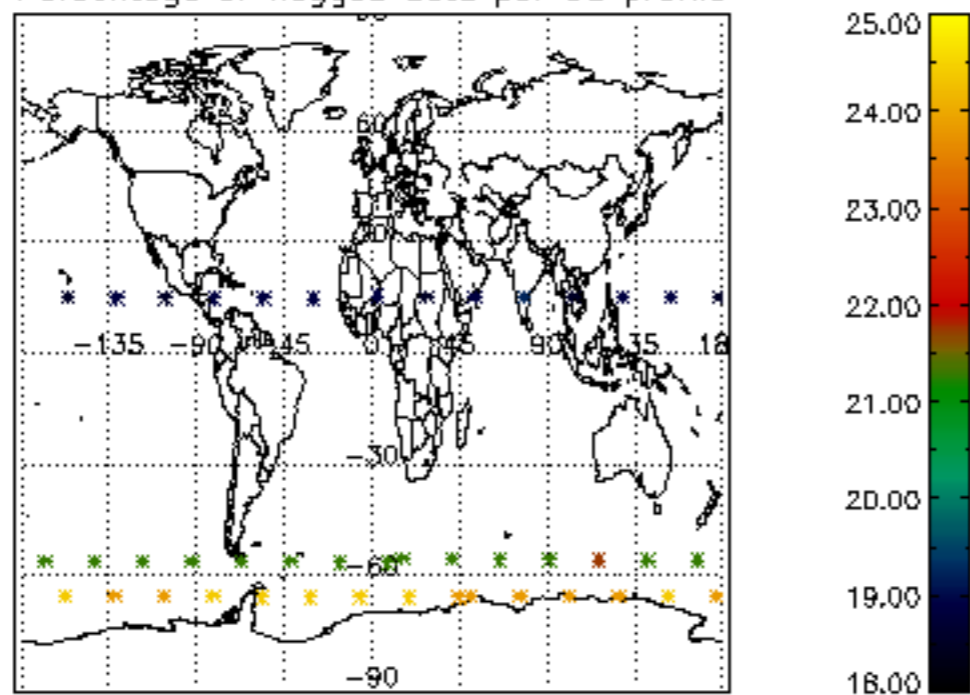
6. Auxiliary Data Files used for the production reported in section 2

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.

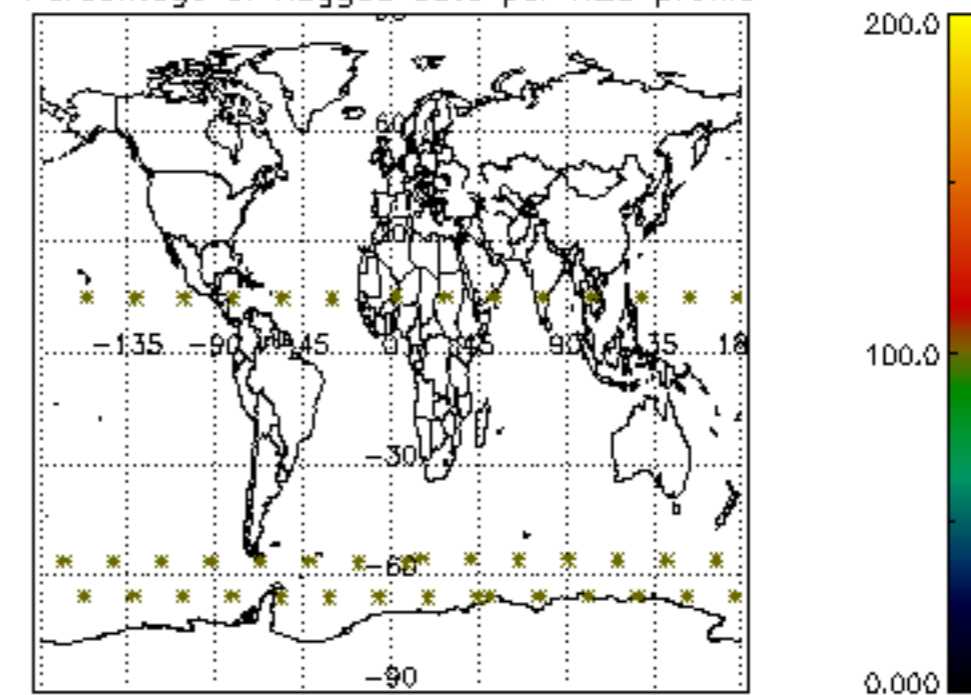
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	21-APR-2009 00:09:29
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	21-APR-2009 00:09:29
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	21-APR-2009 00:09:29



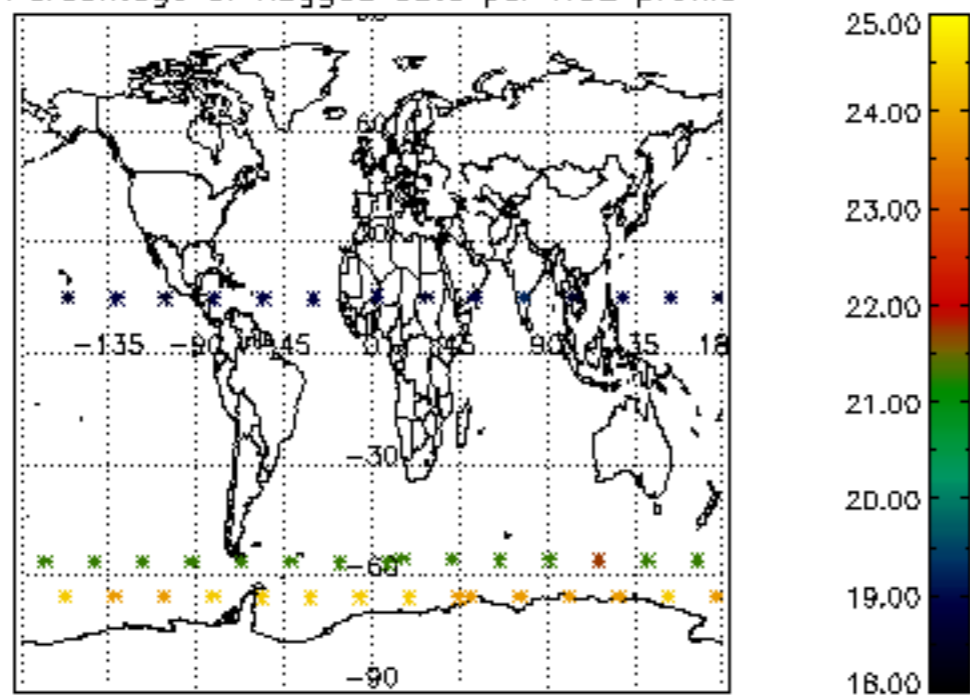
Percentage of flagged data per D3 profile



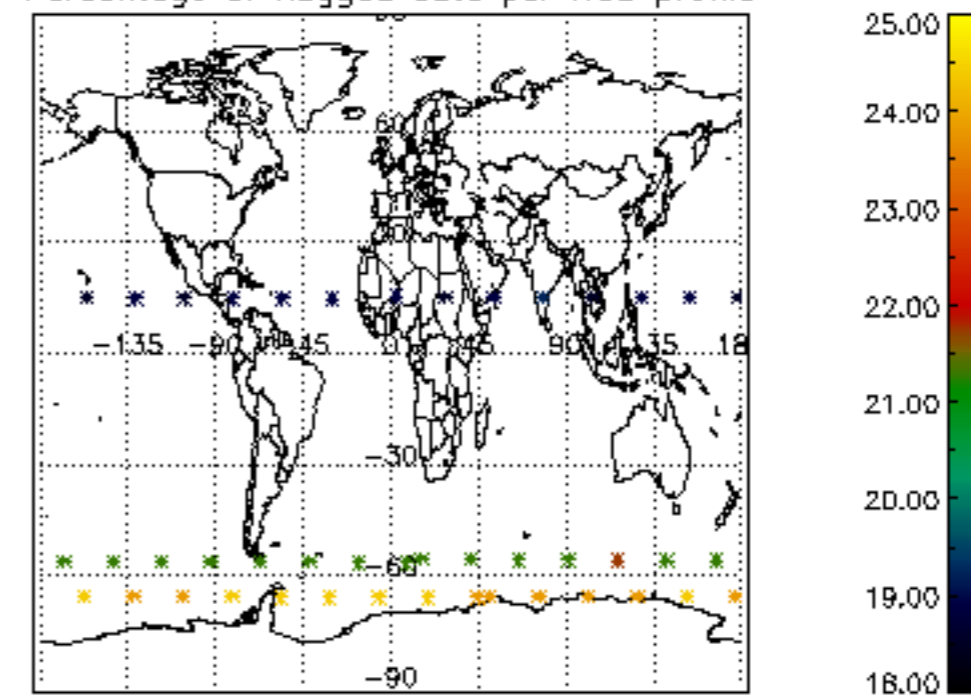
Percentage of flagged data per H2O profile

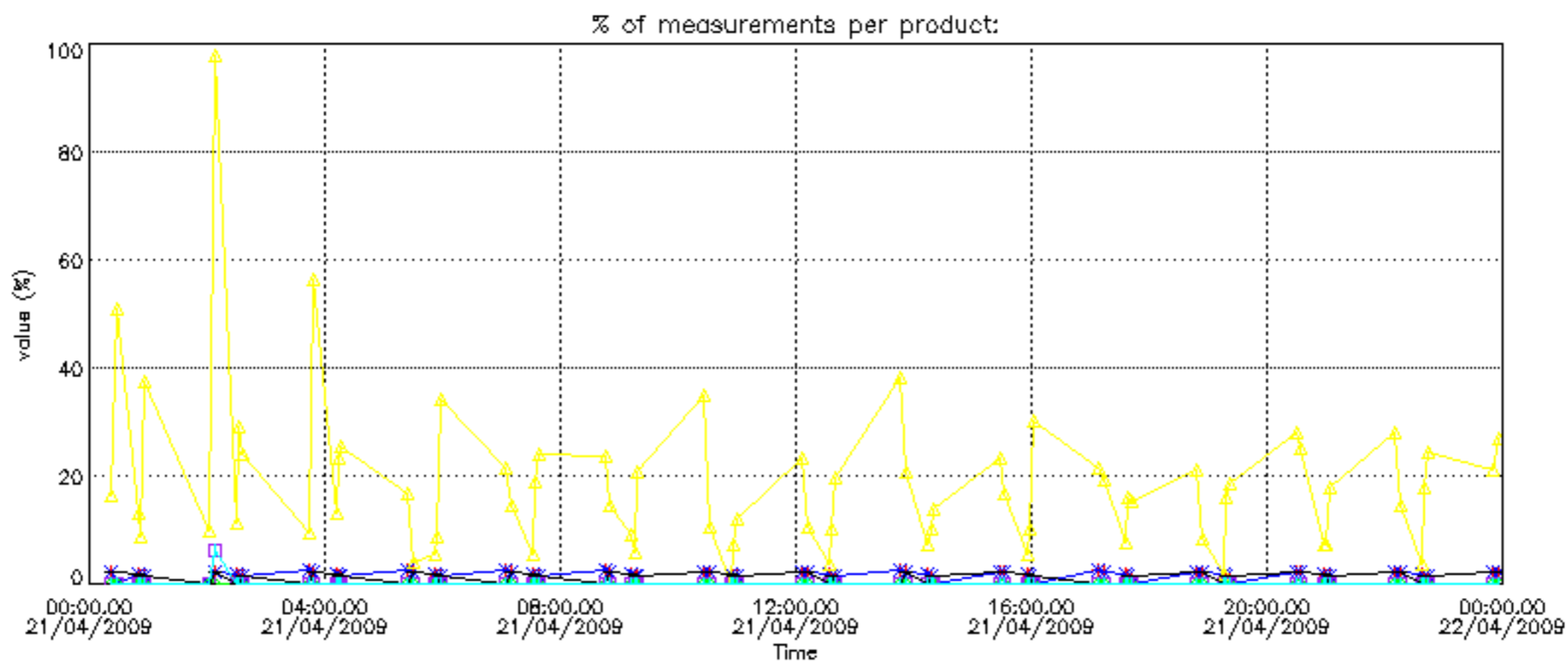


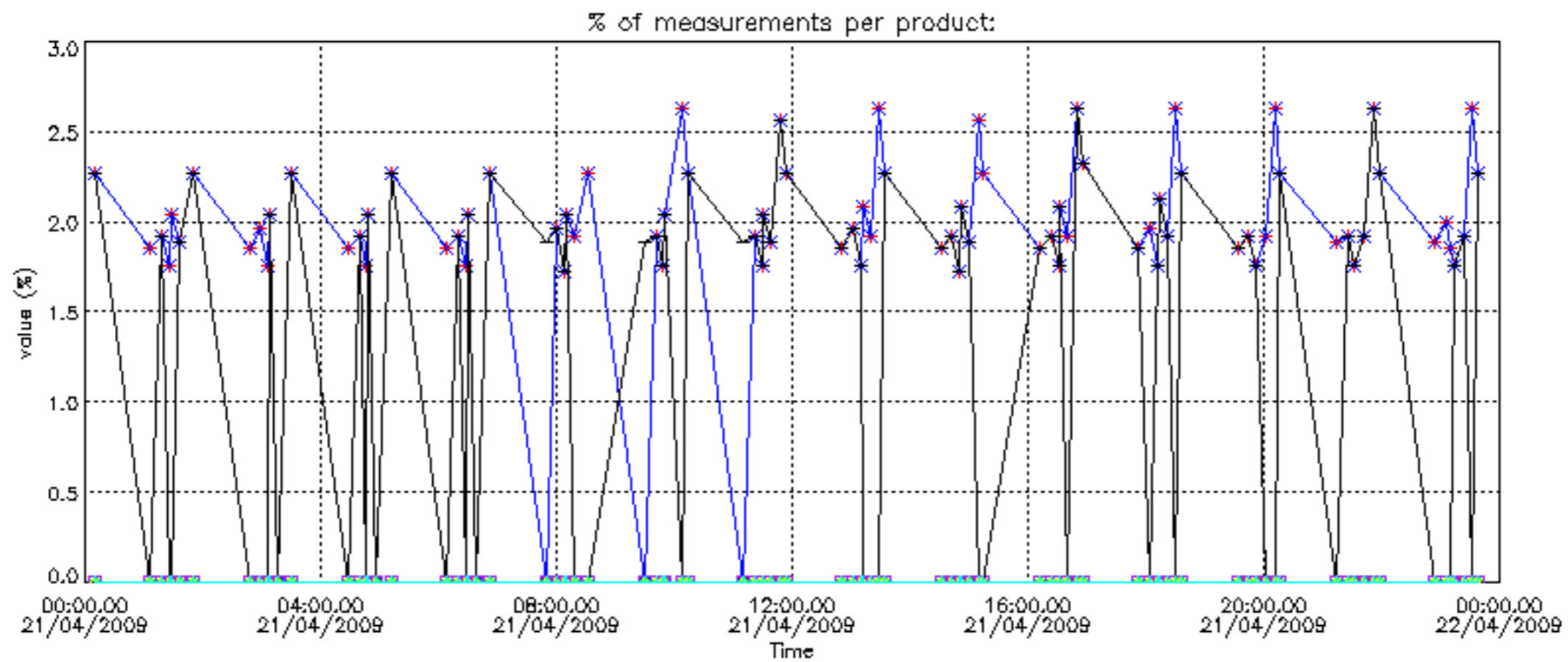
Percentage of flagged data per NO2 profile



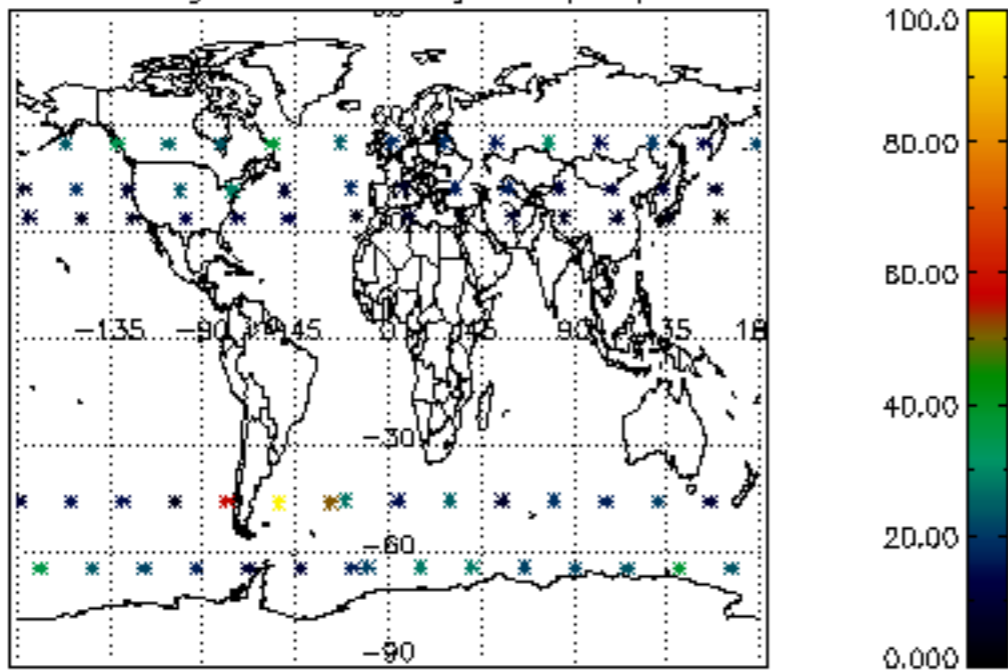
Percentage of flagged data per NO3 profile



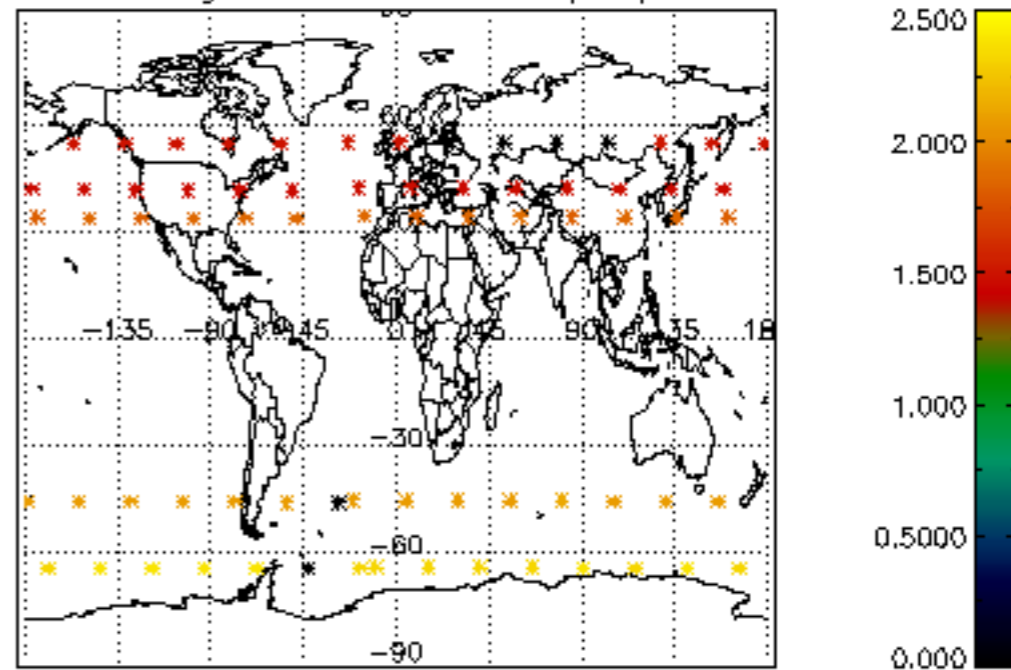




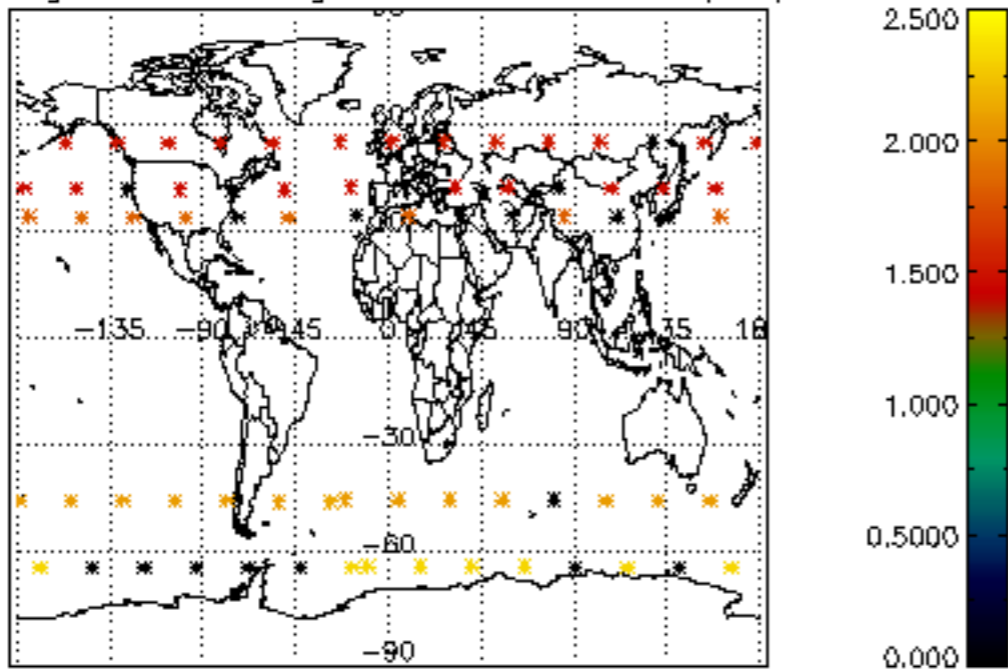
Percentage of cosmic ray hits per profile



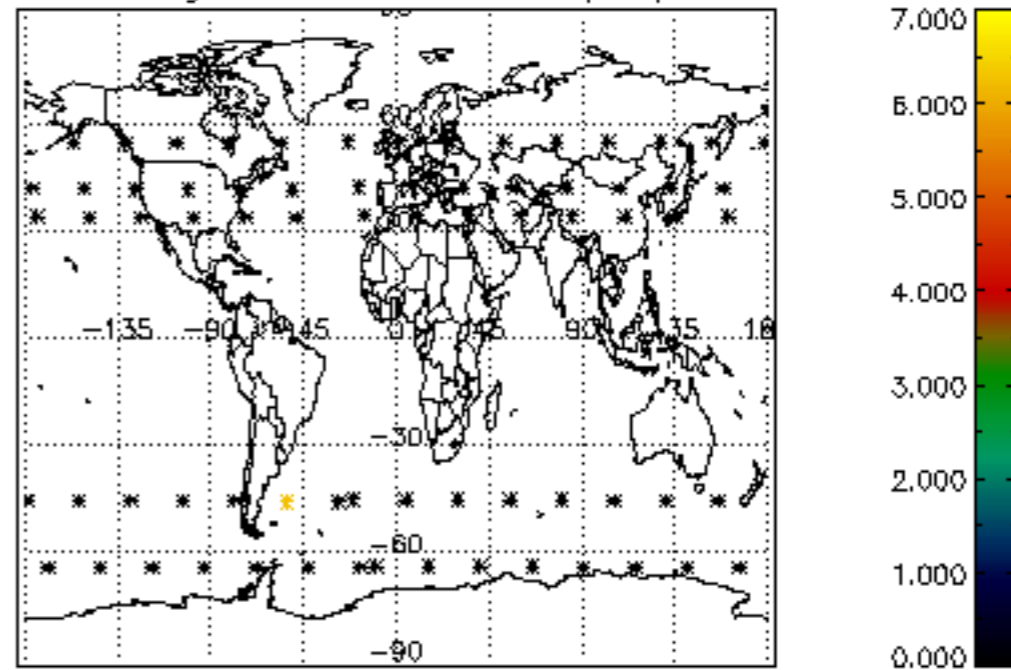
Percentage of datation errors per profile



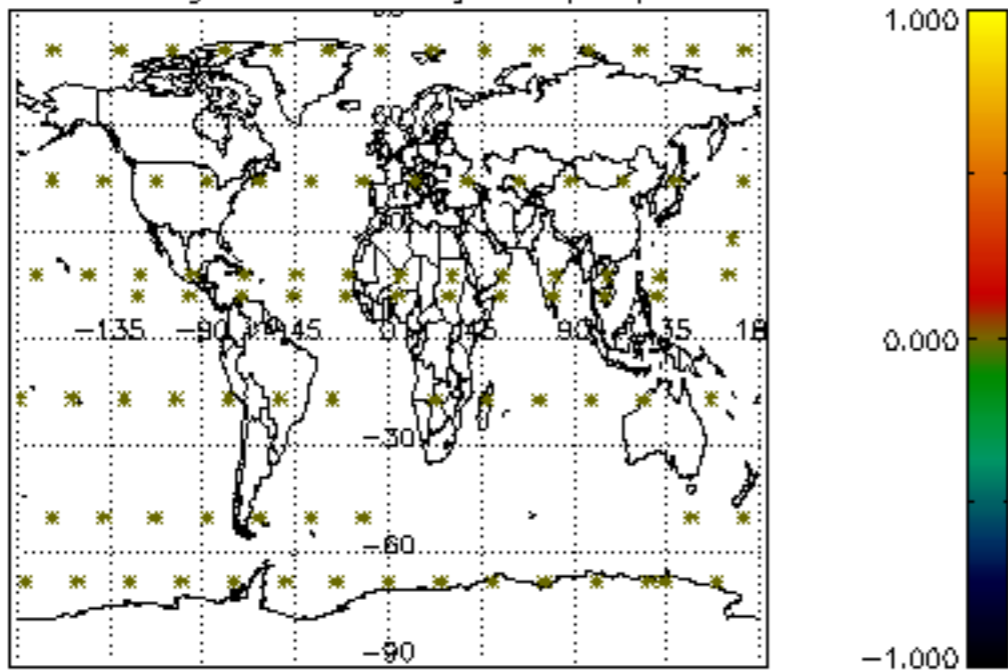
Percentage of star falling outside central band per profile



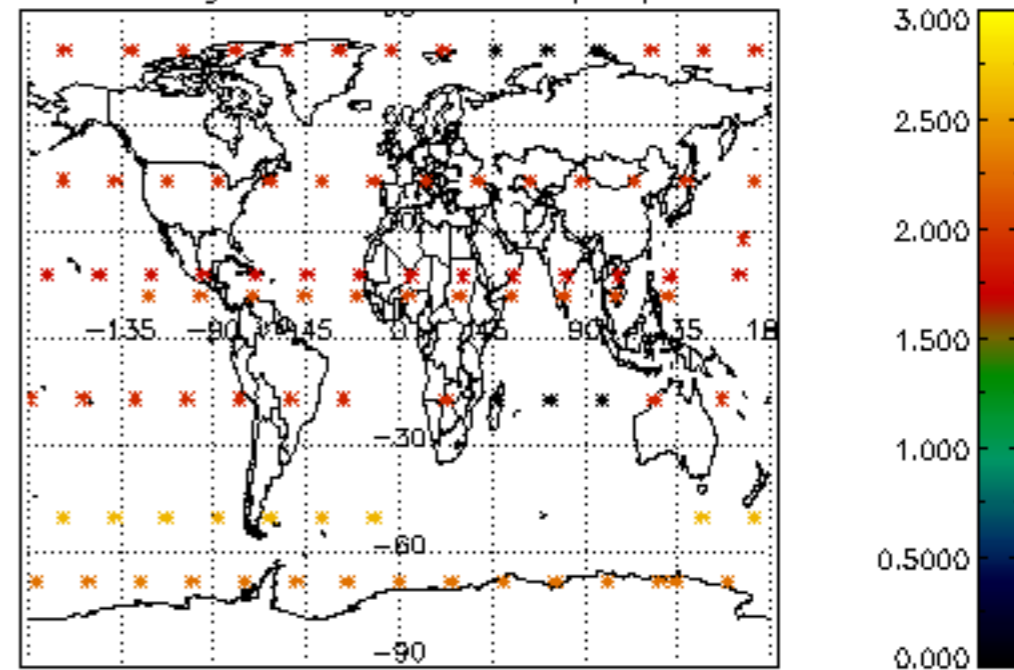
Percentage of saturation errors per profile



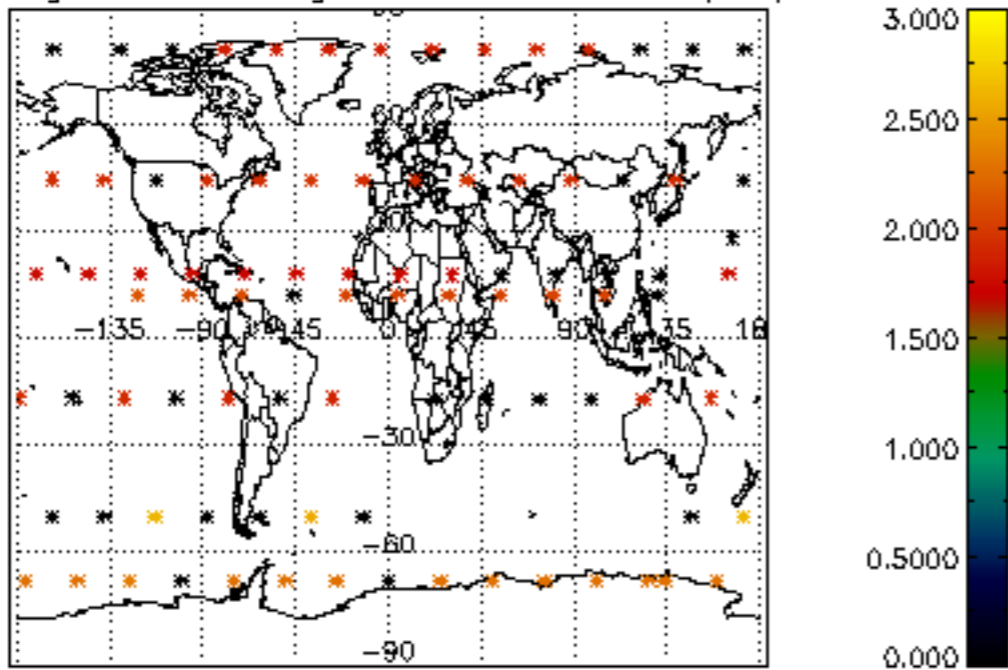
Percentage of cosmic ray hits per profile



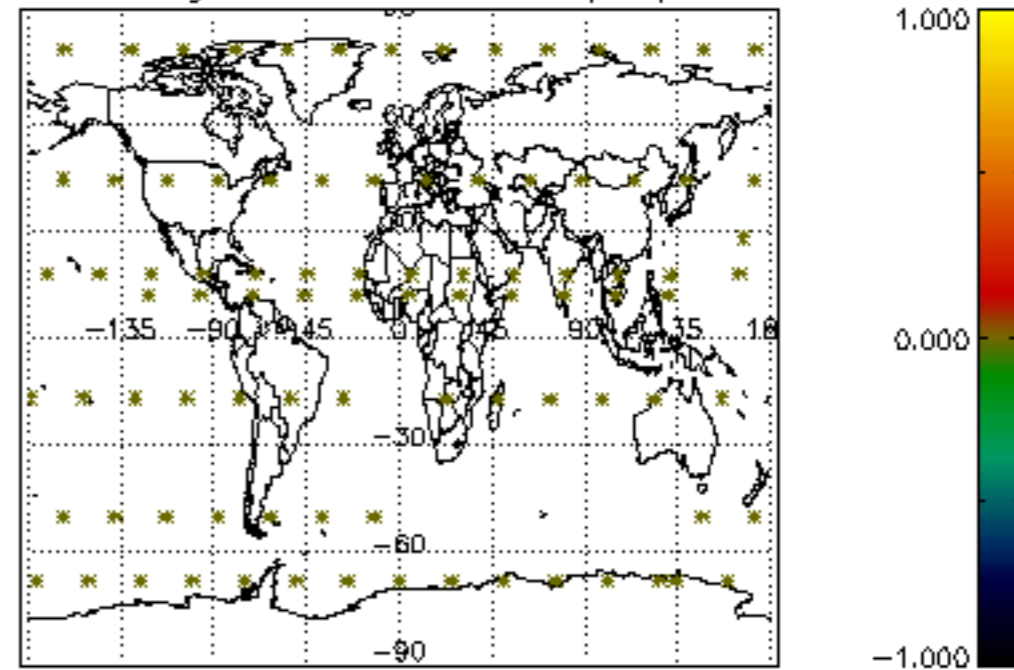
Percentage of datation errors per profile

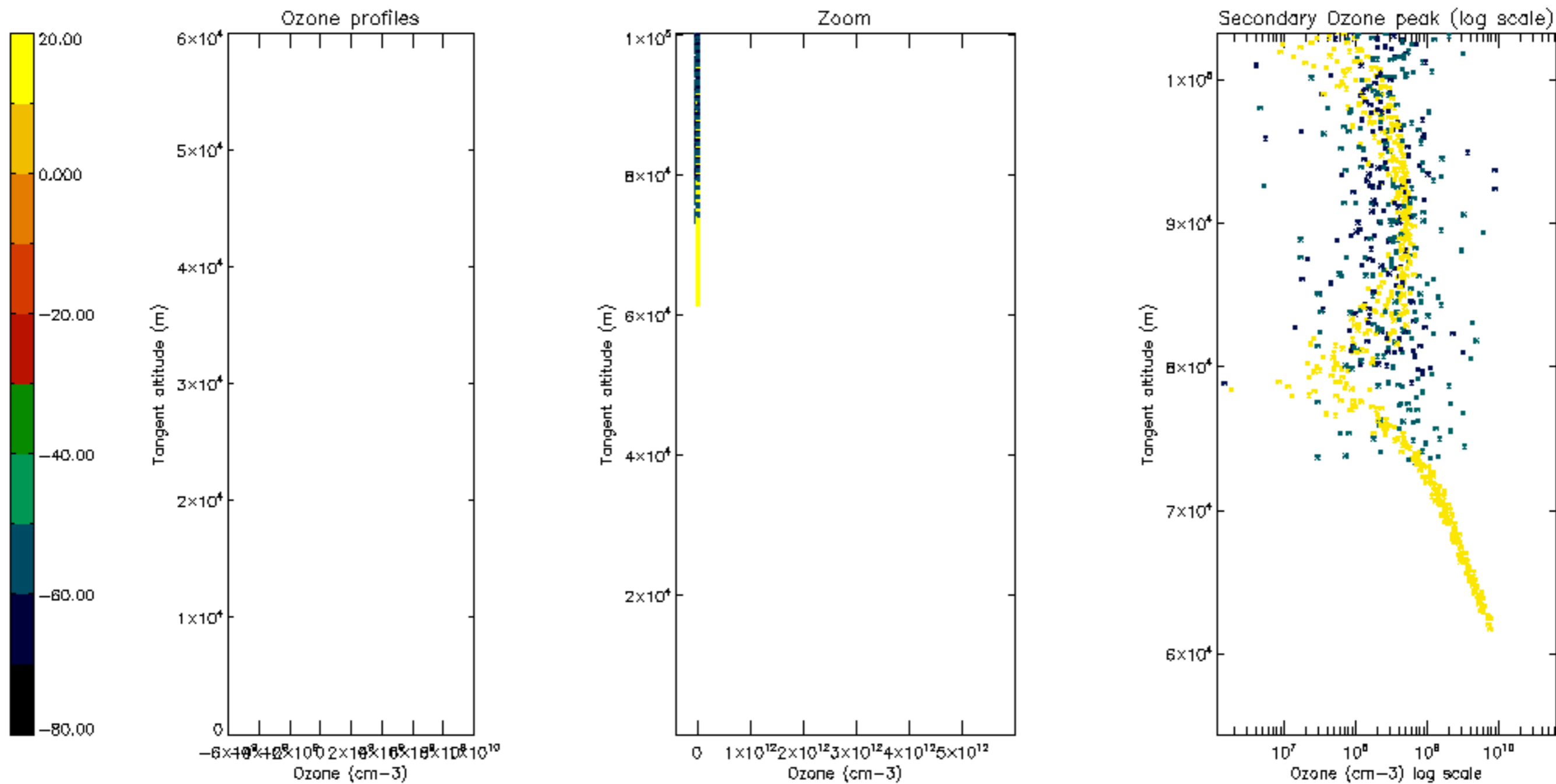


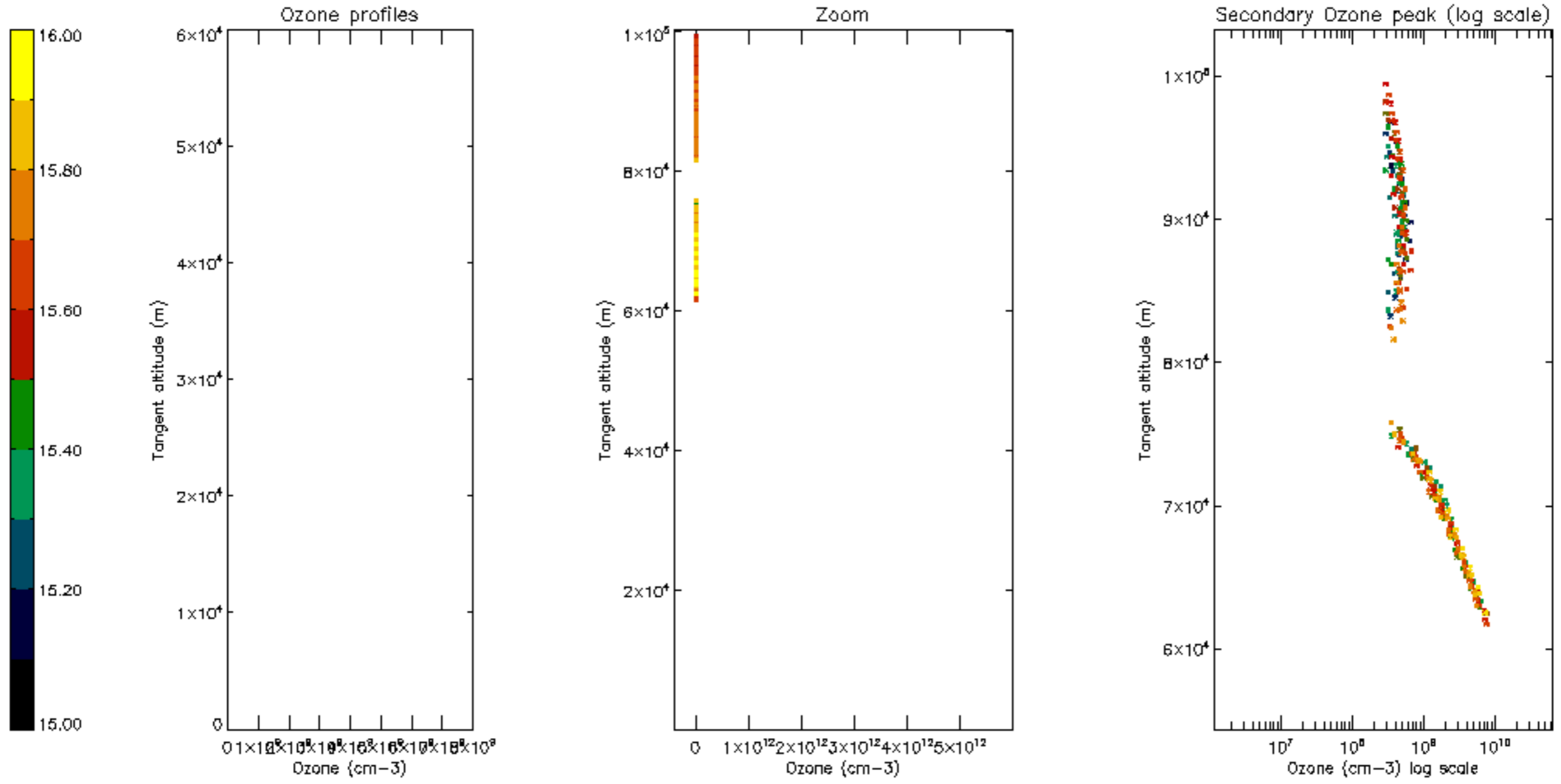
Percentage of star falling outside central band per profile

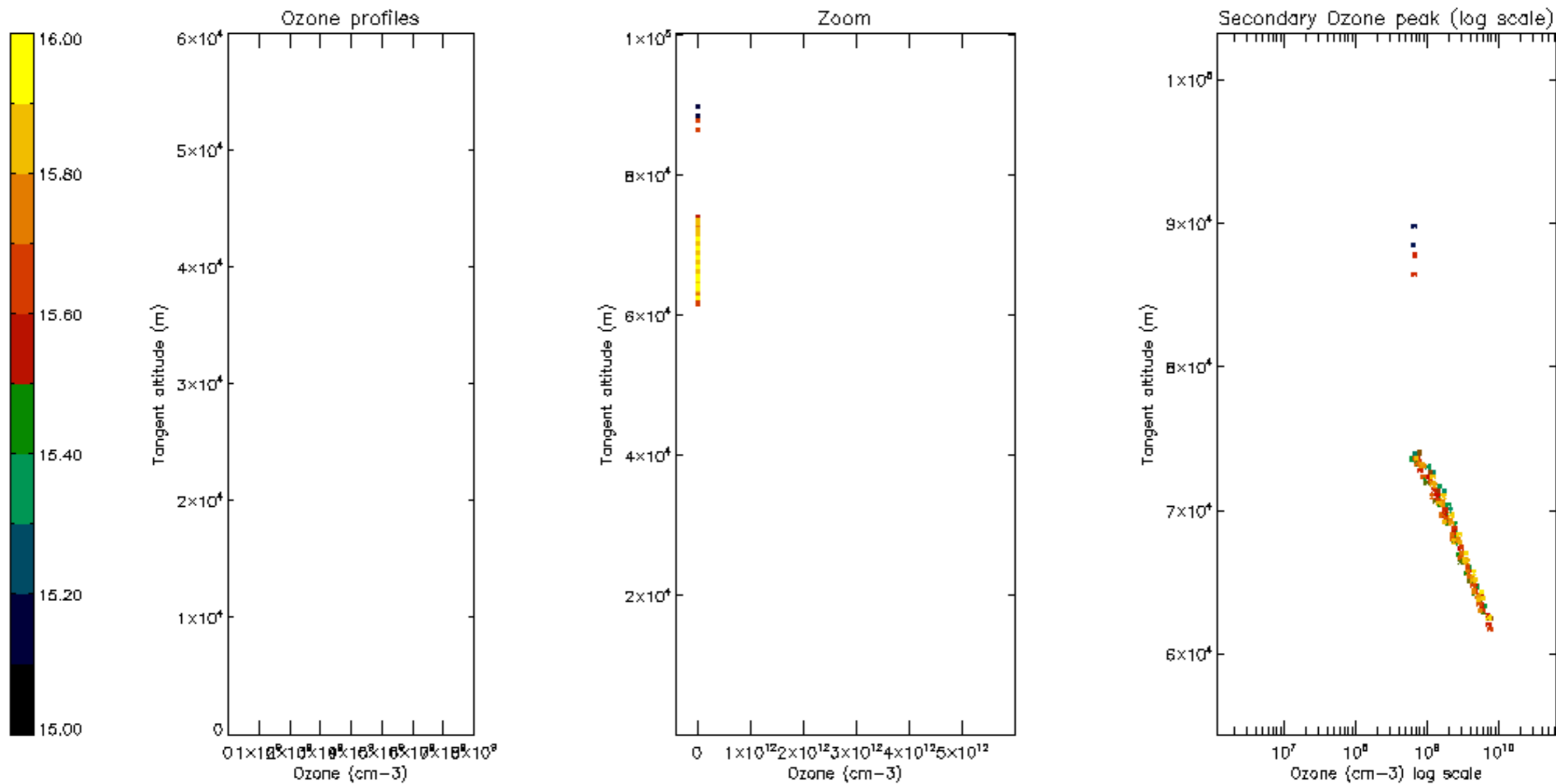


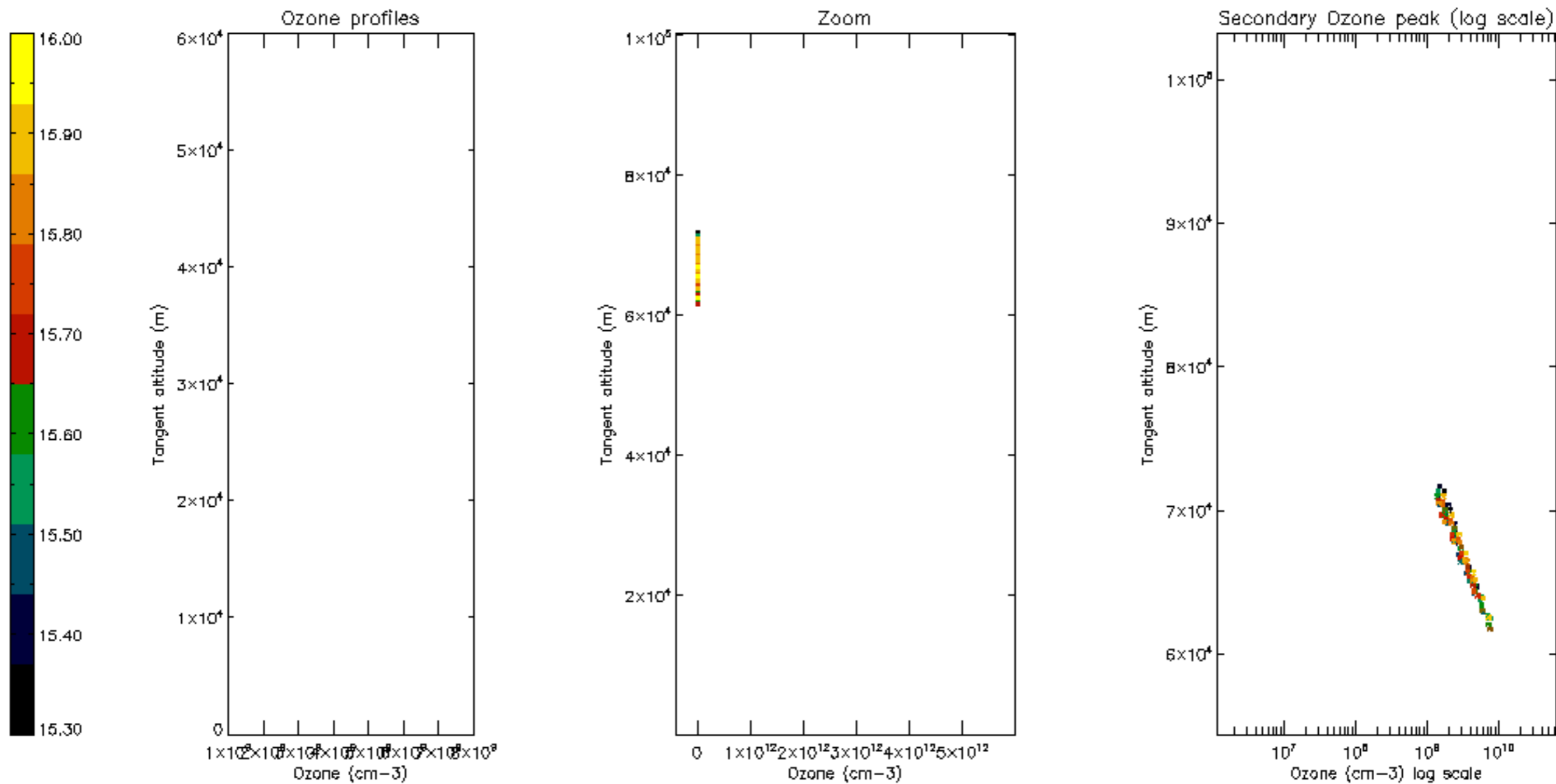
Percentage of saturation errors per profile

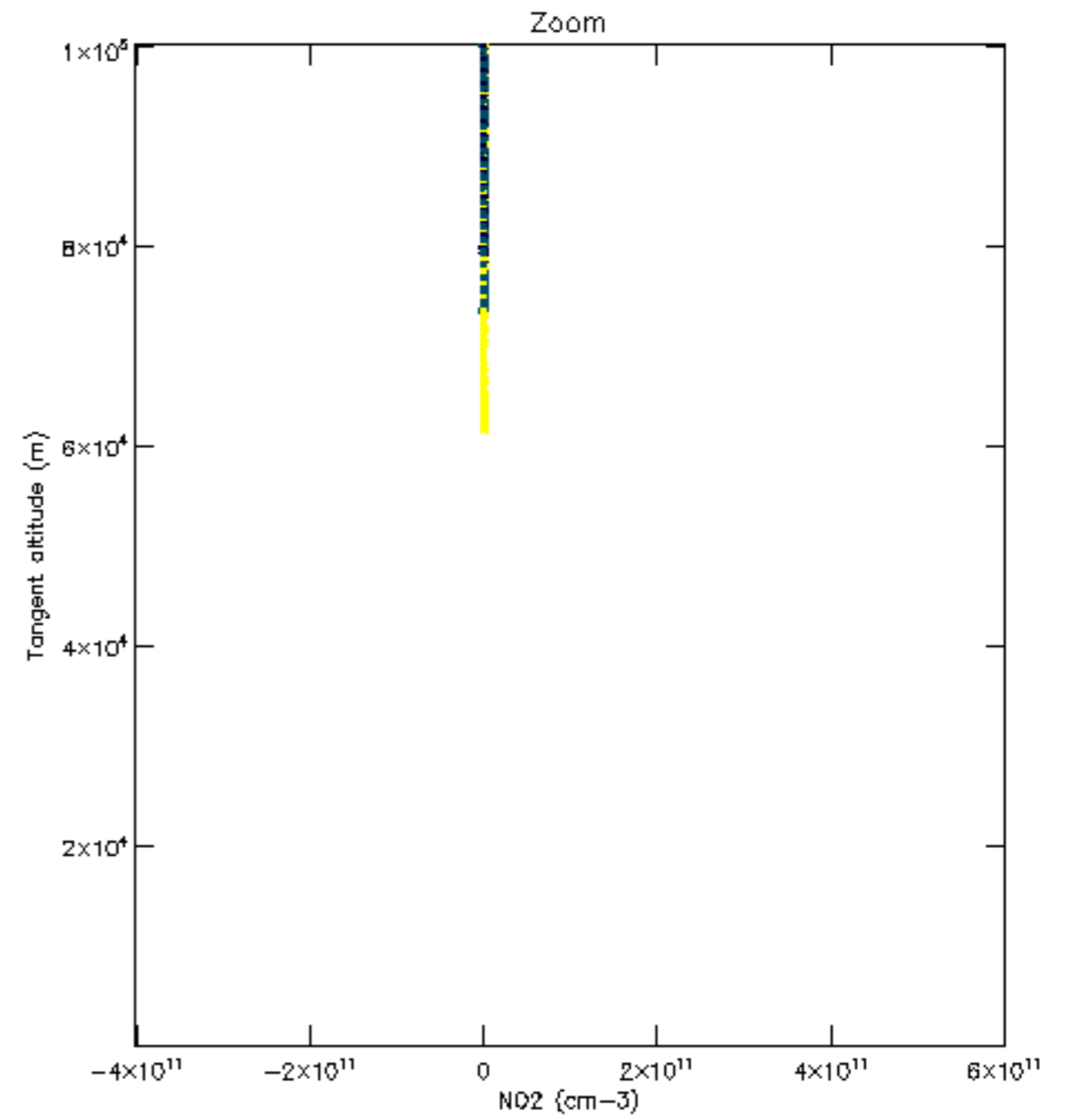
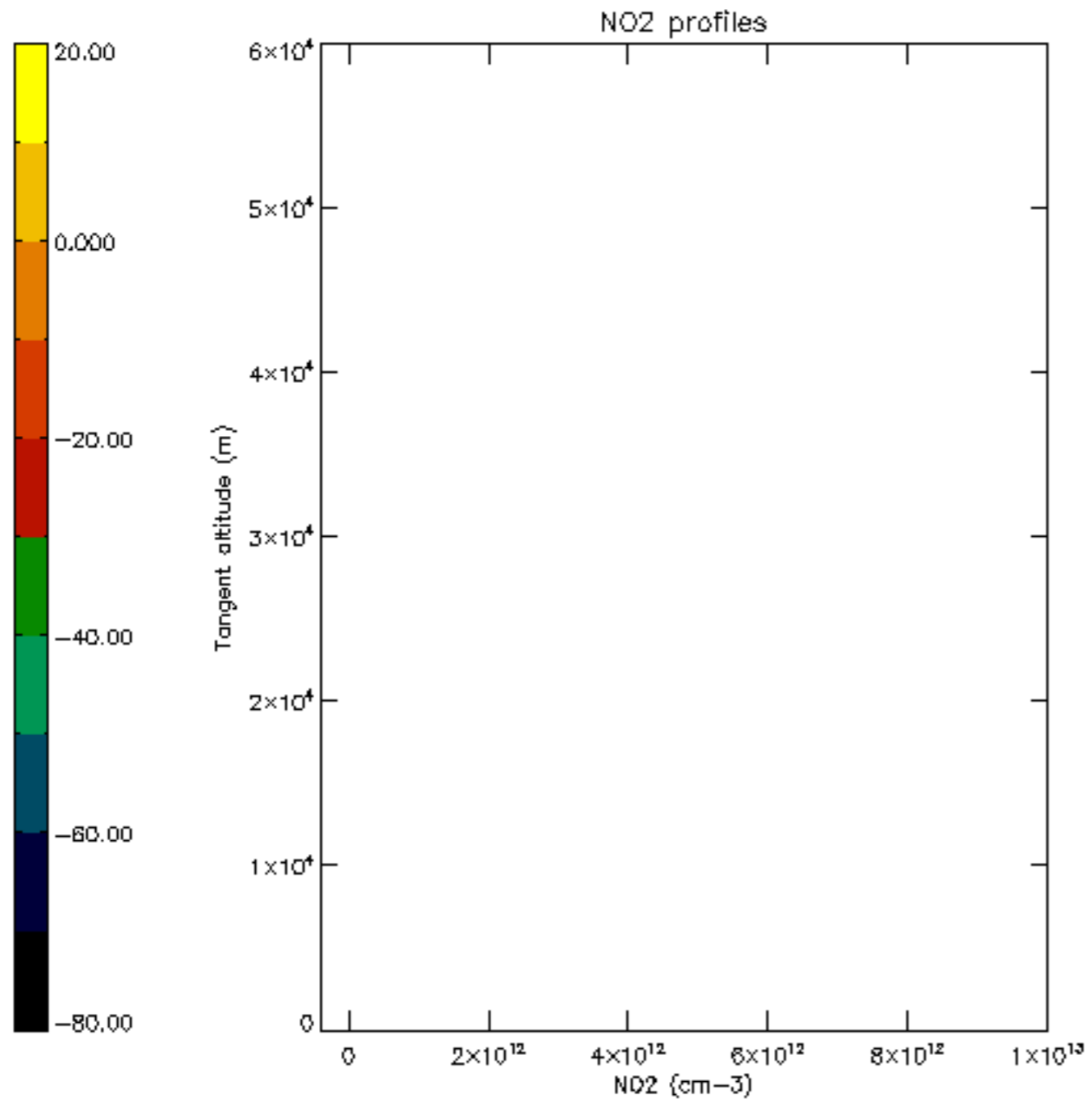


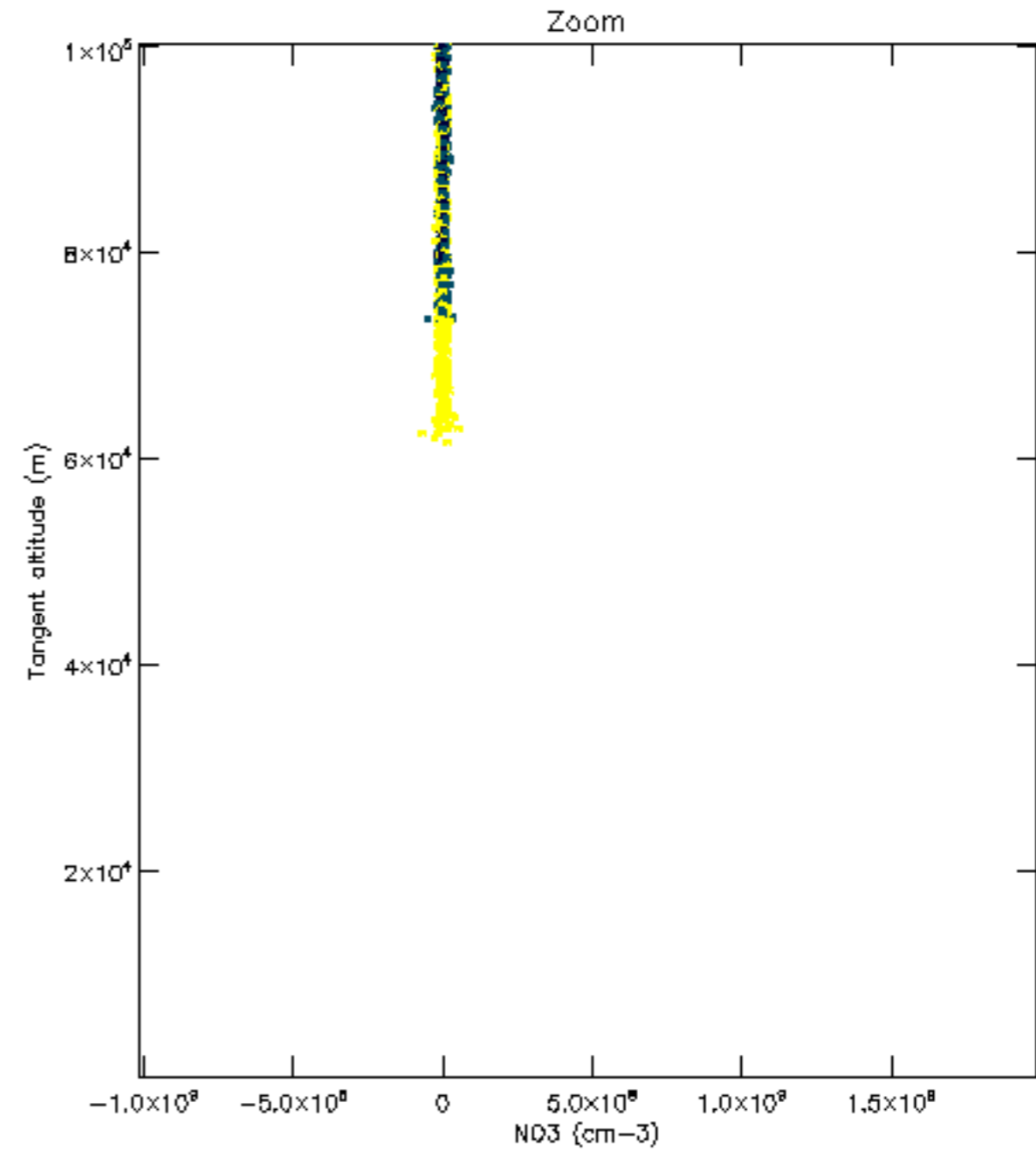
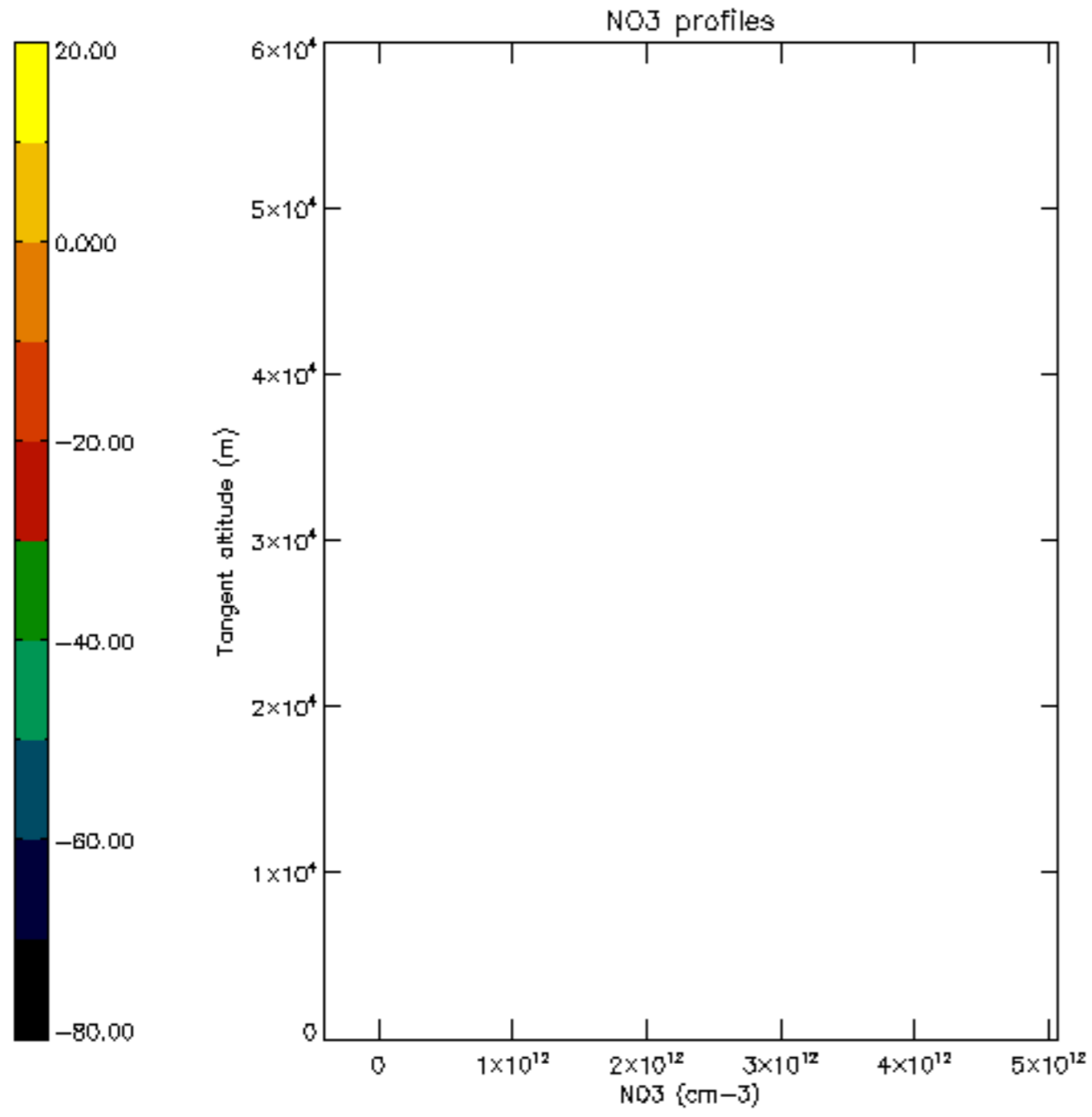


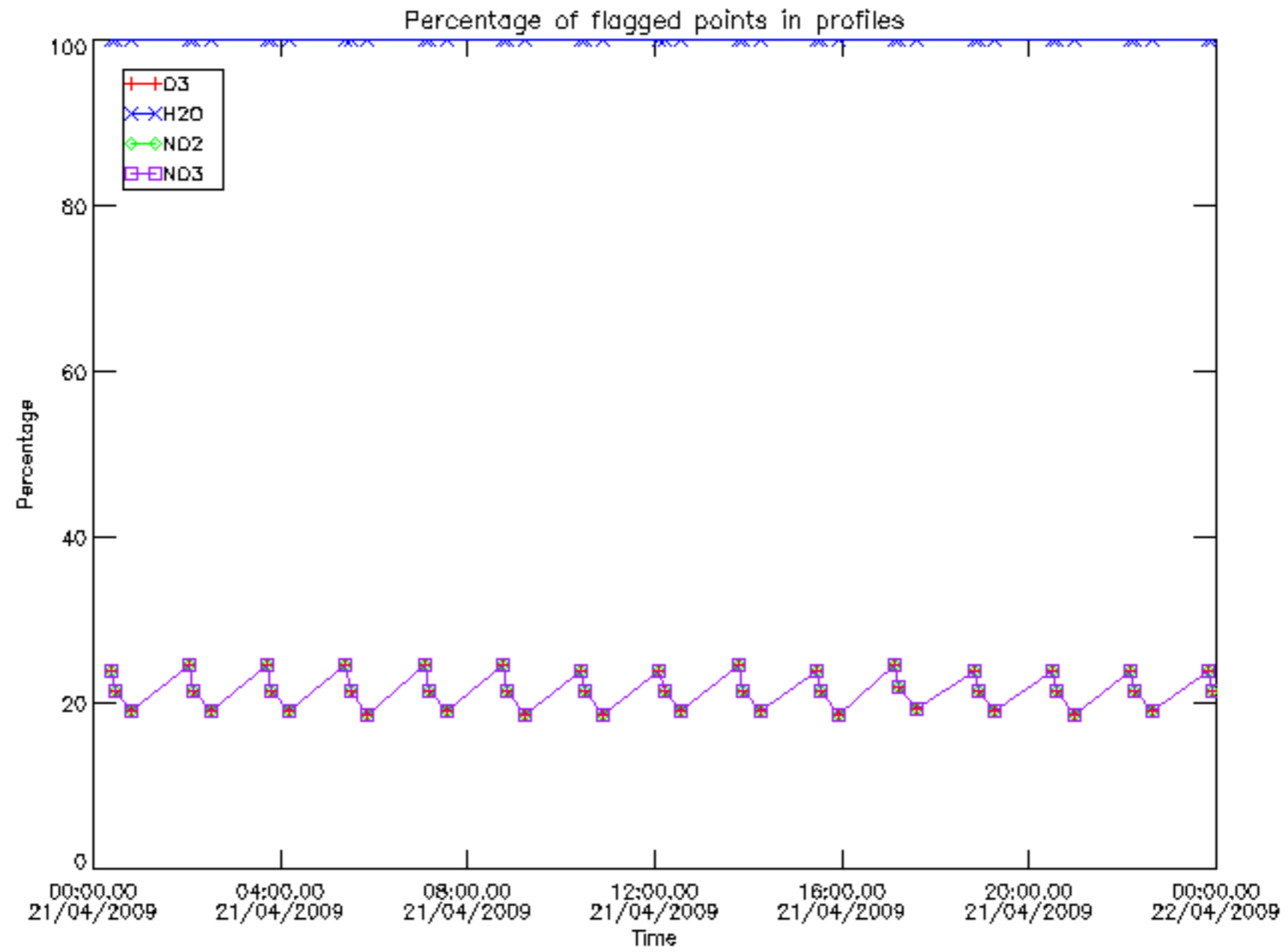




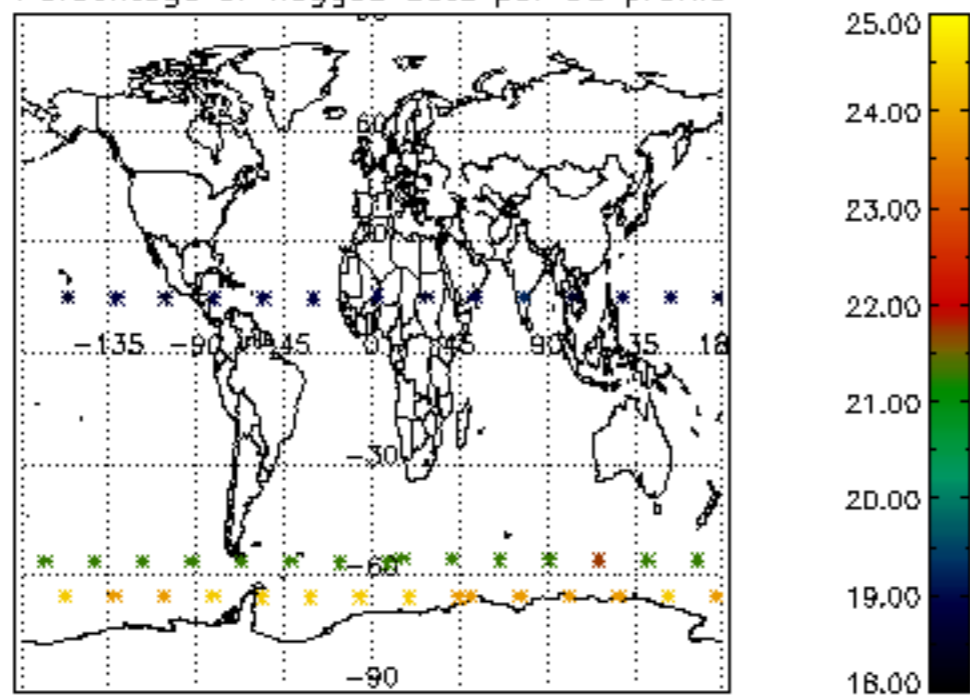




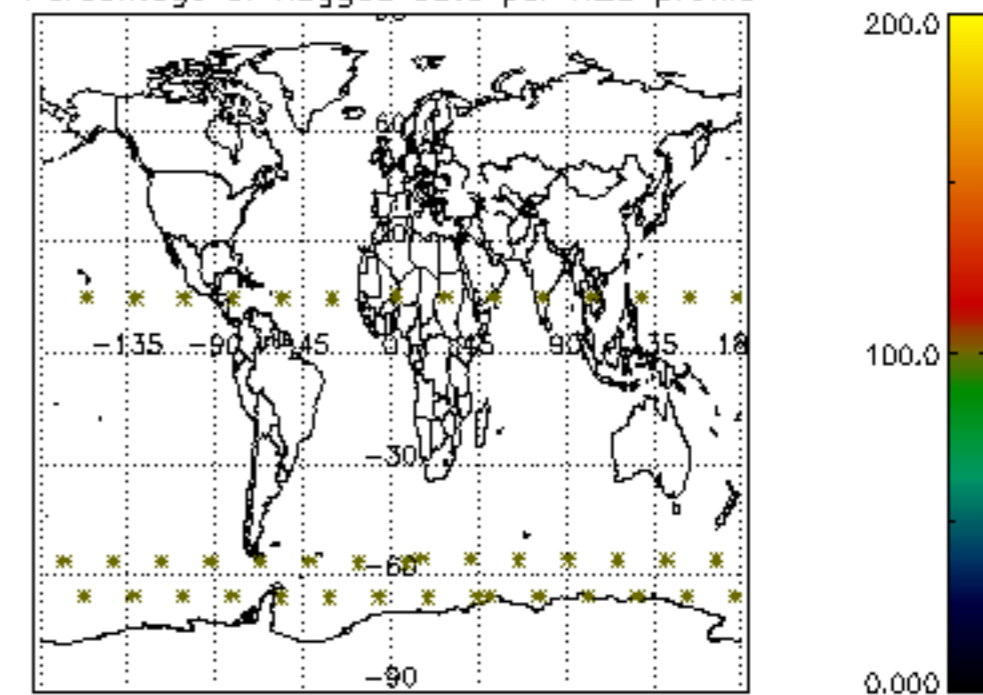




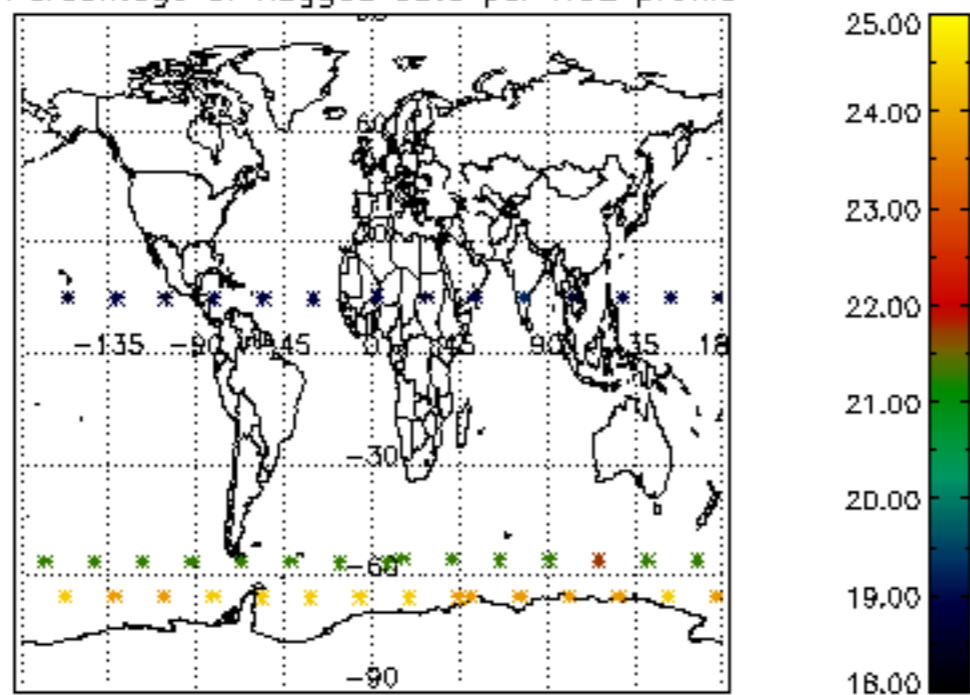
Percentage of flagged data per D3 profile



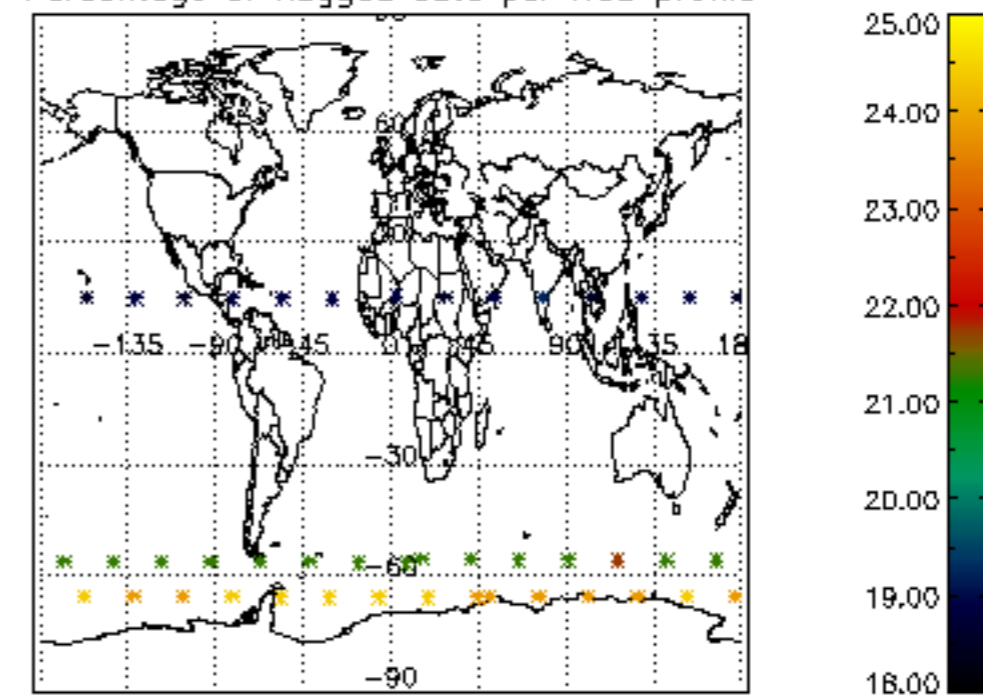
Percentage of flagged data per H2O profile

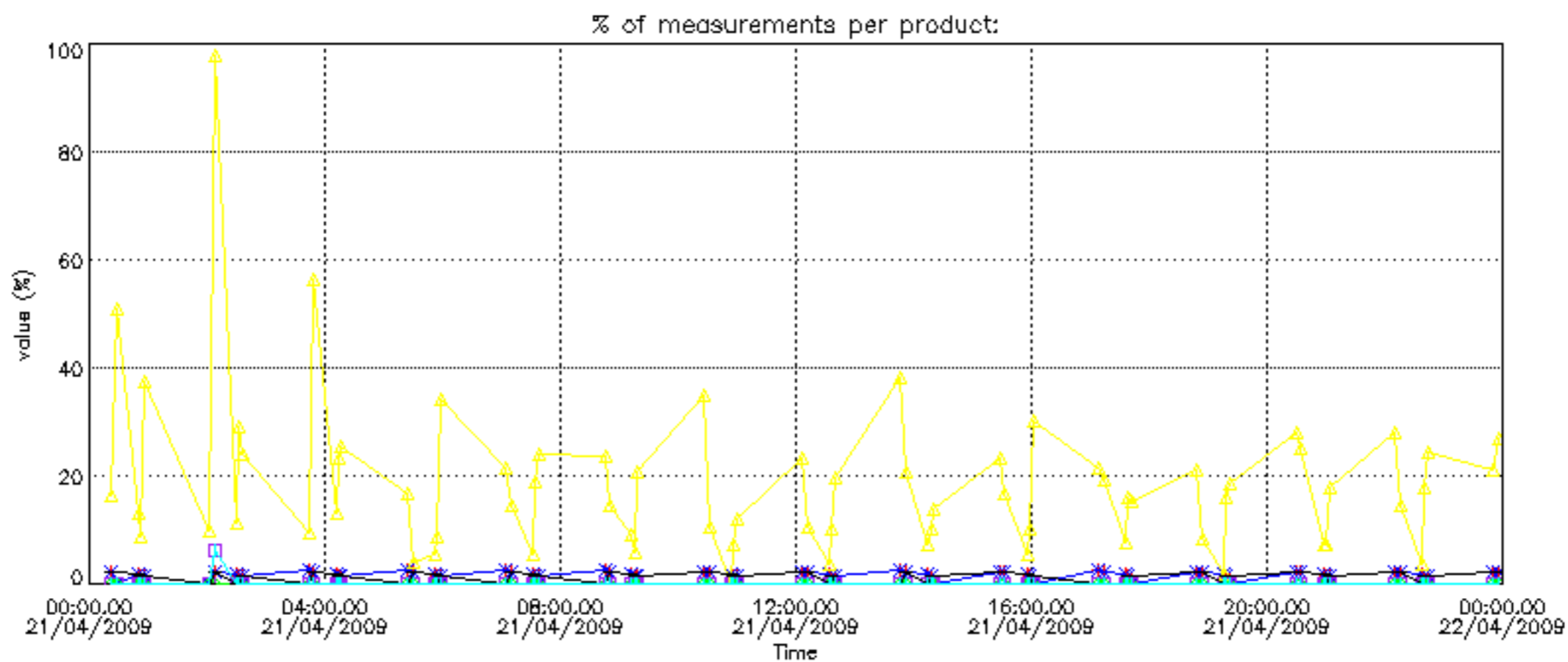


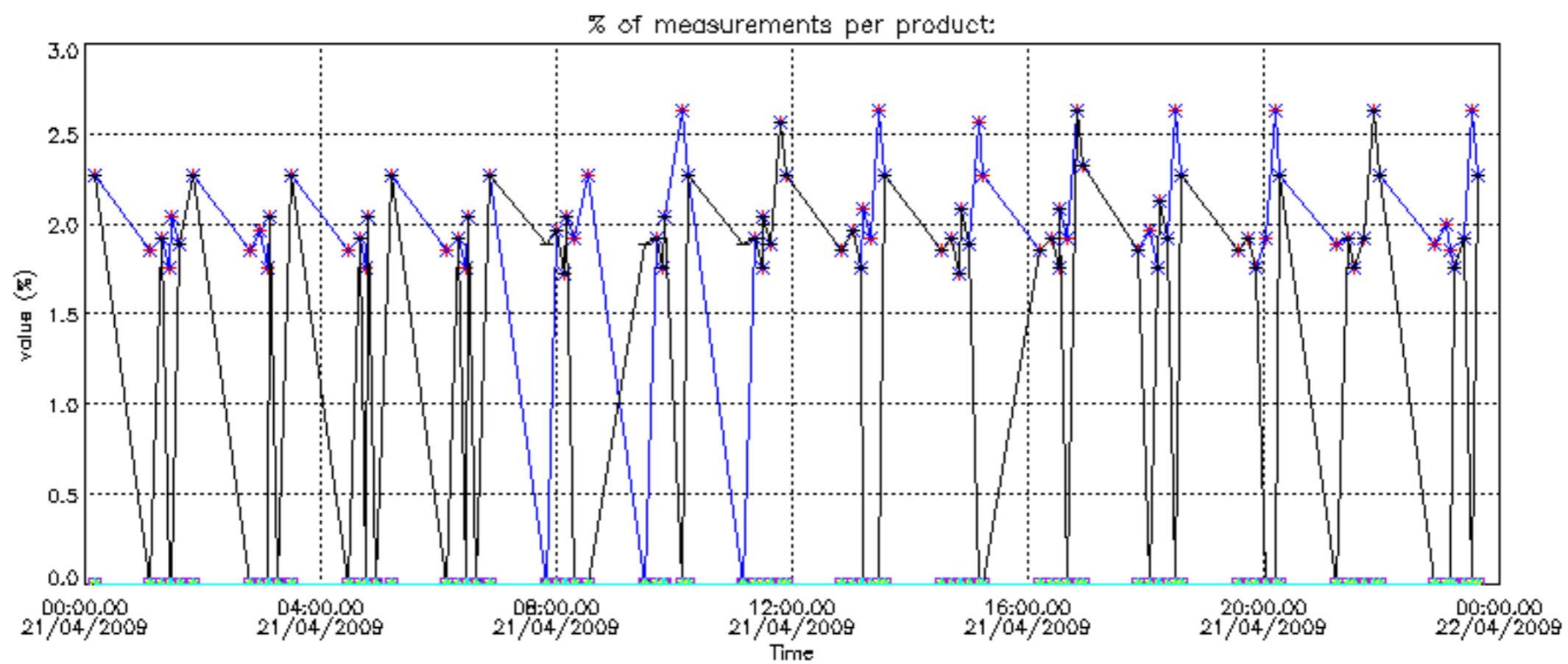
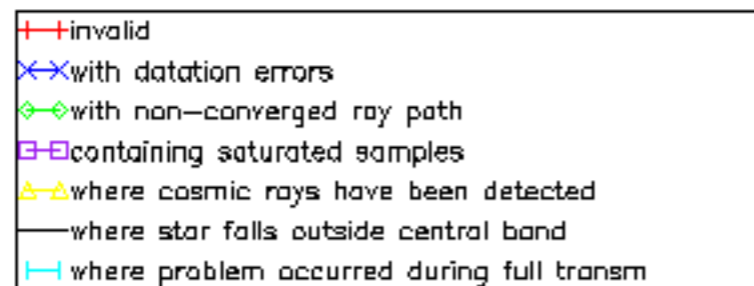
Percentage of flagged data per NO2 profile



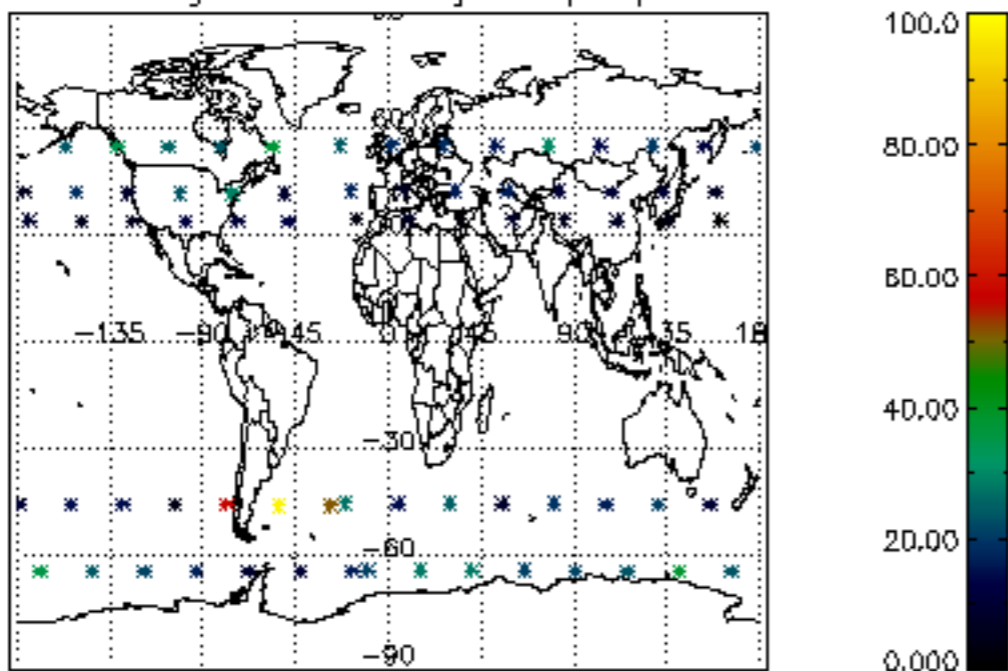
Percentage of flagged data per NO3 profile



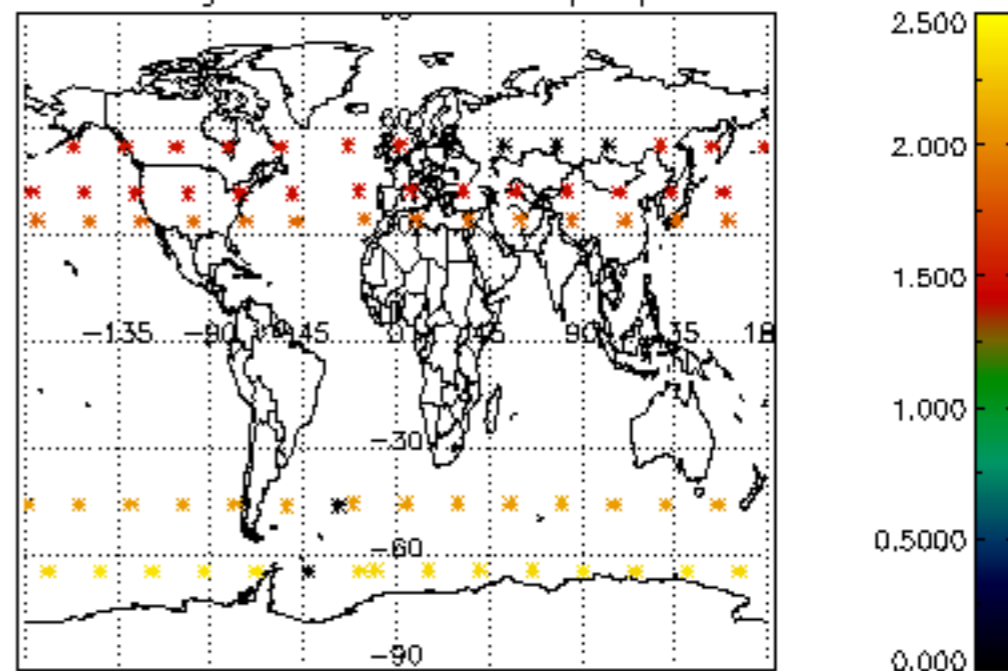




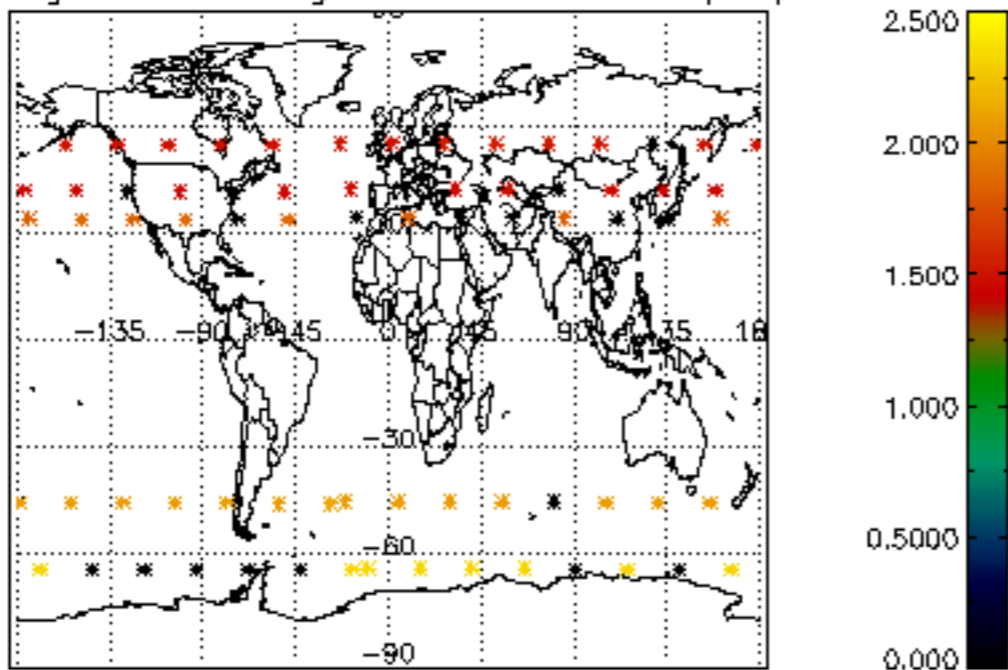
Percentage of cosmic ray hits per profile



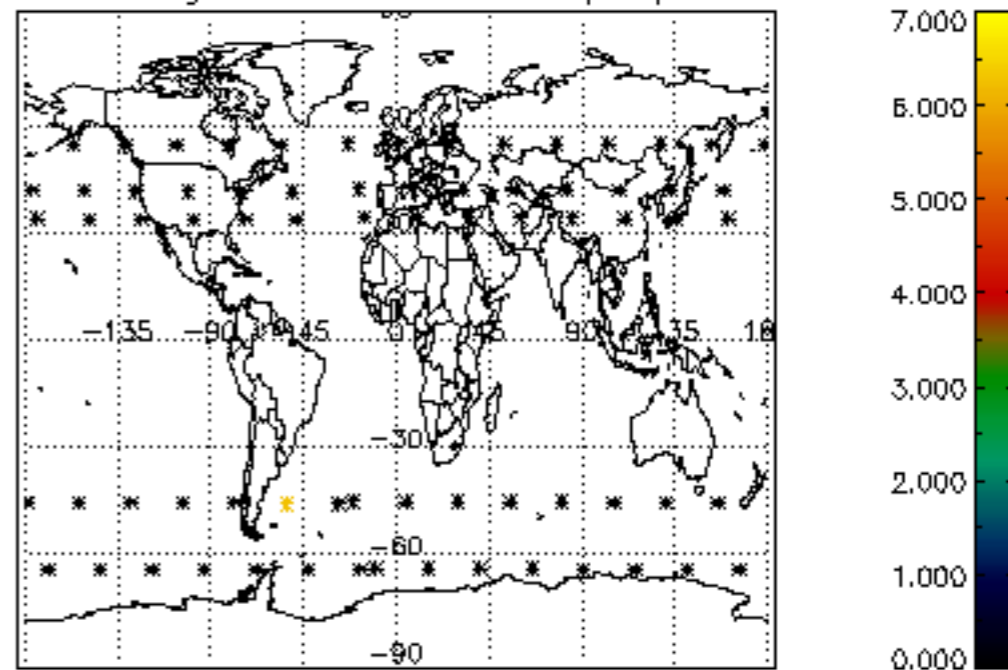
Percentage of datation errors per profile



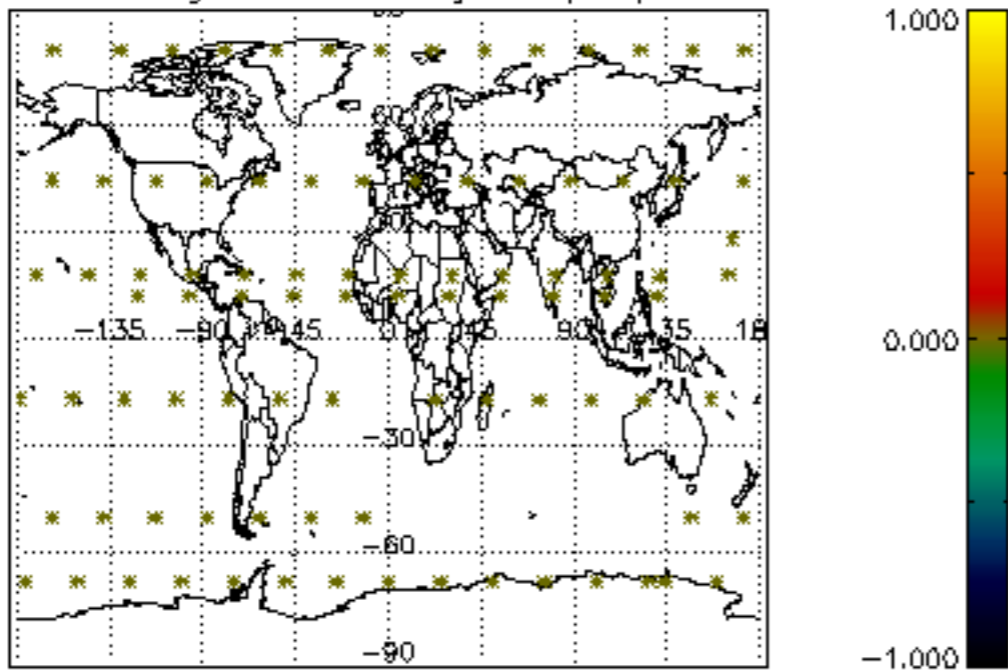
Percentage of star falling outside central band per profile



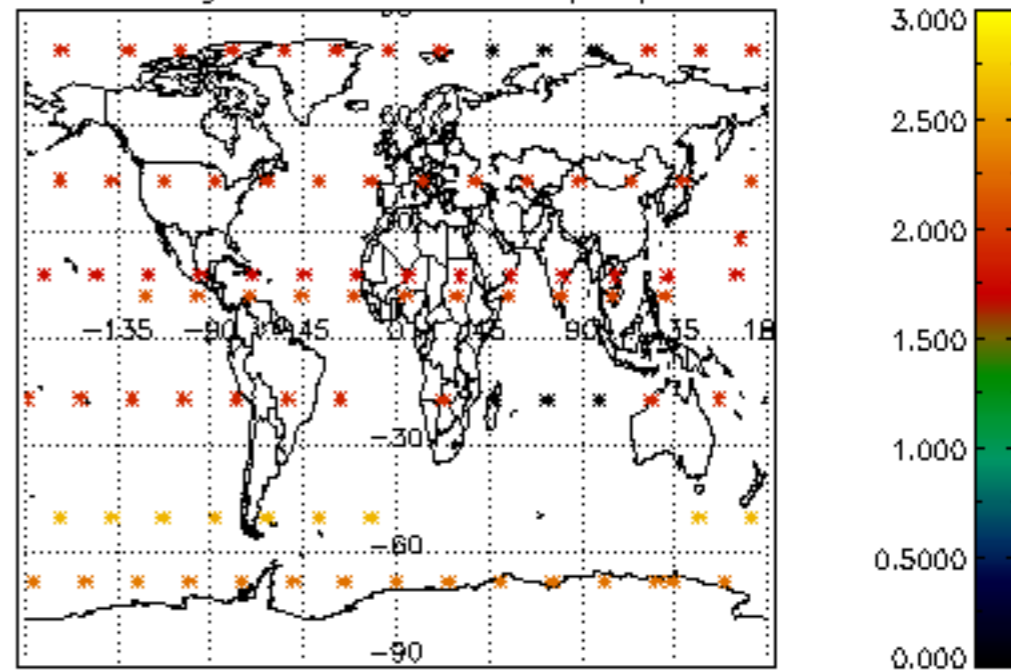
Percentage of saturation errors per profile



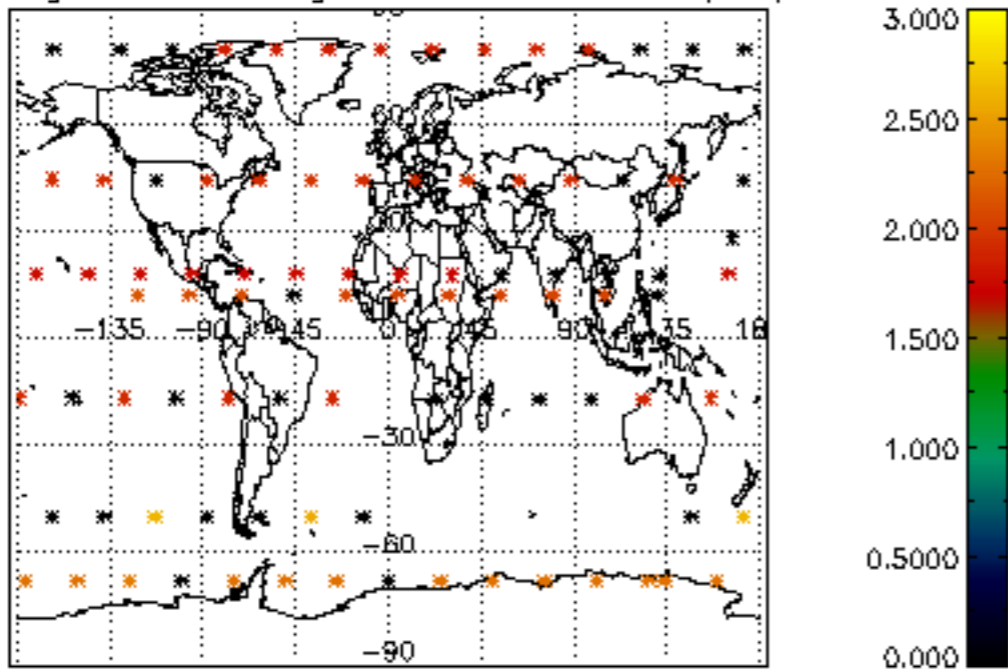
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

