

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 08:47:15
Data source version	GOMOS/6.01
Start time of products	13-04-2009 (13APR2009 00:00:00)
Stop time of products	14-04-2009 (14APR2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	164
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20090413_000046_00000522078_00088_37216_6864.N1	13-APR-2009 00:00:46	Dark	52.000	25	35Lam Sco	1.6200	28000.	104	37216	No
2	GOM_NL__2PRFIN20090413_000654_000000412078_00088_37216_6865.N1	13-APR-2009 00:06:54	Straylight	40.500	131	Gam Lup	2.8000	26000.	81	37216	No
3	GOM_NL__2PRFIN20090413_001941_000000362078_00088_37216_6866.N1	13-APR-2009 00:19:41	Bright	35.500	15	67Alp Vir	0.97600	28000.	71	37216	No
4	GOM_NL__2PRFIN20090413_002639_000000362078_00088_37216_6867.N1	13-APR-2009 00:26:39	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	37216	No
5	GOM_NL__2PRFIN20090413_003018_000000442078_00088_37216_6868.N1	13-APR-2009 00:30:18	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	37216	No
6	GOM_NL__2PRFIN20090413_003919_000000382078_00088_37216_6869.N1	13-APR-2009 00:39:19	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	37216	No
7	GOM_NL__2PRFIN20090413_004756_000000402078_00088_37216_6870.N1	13-APR-2009 00:47:56	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	37216	No
8	GOM_NL__2PRFIN20090413_010131_000000332078_00088_37216_6871.N1	13-APR-2009 01:01:31	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37216	No
9	GOM_NL__2PRFIN20090413_010317_000000362078_00088_37216_6872.N1	13-APR-2009 01:03:17	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	37216	No
10	GOM_NL__2PRFIN20090413_010542_000000342078_00088_37216_6873.N1	13-APR-2009 01:05:42	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	37216	No
11	GOM_NL__2PRFIN20090413_013343_000000532078_00089_37217_6878.N1	13-APR-2009 01:33:43	Dark	52.500	103	38Zet Sgr	2.6000	9700.0	105	37217	No
12	GOM_NL__2PRFIN20090413_013720_000000532078_00089_37217_6879.N1	13-APR-2009 01:37:20	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37217	No
13	GOM_NL__2PRFIN20090413_014123_000000522078_00089_37217_6880.N1	13-APR-2009 01:41:23	Dark	51.500	25	35Lam Sco	1.6200	28000.	103	37217	No
14	GOM_NL__2PRFIN20090413_014731_000000412078_00089_37217_6881.N1	13-APR-2009 01:47:31	Straylight	40.500	131	Gam Lup	2.8000	26000.	81	37217	No
15	GOM_NL__2PRFIN20090413_020017_000000362078_00089_37217_6882.N1	13-APR-2009 02:00:17	Bright	35.500	15	67Alp Vir	0.97600	28000.	71	37217	No
16	GOM_NL__2PRFIN20090413_020719_000000312078_00089_37217_6883.N1	13-APR-2009 02:07:19	Bright	31.000	138	47Eps Vir	2.8280	4700.0	62	37217	No
17	GOM_NL__2PRFIN20090413_021053_000000442078_00089_37217_6884.N1	13-APR-2009 02:10:53	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	37217	No
18	GOM_NL__2PRFIN20090413_021954_000000382078_00089_37217_6885.N1	13-APR-2009 02:19:54	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	37217	No
19	GOM_NL__2PRFIN20090413_022832_000000402078_00089_37217_6886.N1	13-APR-2009 02:28:32	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	37217	No
20	GOM_NL__2PRFIN20090413_024207_000000332078_00089_37217_6887.N1	13-APR-2009 02:42:07	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37217	No
21	GOM_NL__2PRFIN20090413_024352_000000362078_00089_37217_6888.N1	13-APR-2009 02:43:52	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	37217	No
22	GOM_NL__2PRFIN20090413_024618_000000352078_00089_37217_6889.N1	13-APR-2009 02:46:18	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	37217	No
23	GOM_NL__2PRFIN20090413_031420_000000532078_00090_37218_6896.N1	13-APR-2009 03:14:20	Dark	53.000	103	38Zet Sgr	2.6000	9700.0	106	37218	No
24	GOM_NL__2PRFIN20090413_031757_000000532078_00090_37218_6897.N1	13-APR-2009 03:17:57	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37218	No
25	GOM_NL__2PRFIN20090413_032200_000000522078_00090_37218_6898.N1	13-APR-2009 03:22:00	Dark	51.500	25	35Lam Sco	1.6200	28000.	103	37218	No
26	GOM_NL__2PRFIN20090413_032807_000000402078_00090_37218_6899.N1	13-APR-2009 03:28:07	Straylight	40.000	131	Gam Lup	2.8000	26000.	80	37218	No
27	GOM_NL__2PRFIN20090413_034053_000000362078_00090_37218_6900.N1	13-APR-2009 03:40:53	Bright	35.500	15	67Alp Vir	0.97600	28000.	71	37218	No
28	GOM_NL__2PRFIN20090413_035129_000000442078_00090_37218_6901.N1	13-APR-2009 03:51:29	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	37218	No
29	GOM_NL__2PRFIN20090413_040030_000000382078_00090_37218_6902.N1	13-APR-2009 04:00:30	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	37218	No
30	GOM_NL__2PRFIN20090413_040907_000000402078_00090_37218_6903.N1	13-APR-2009 04:09:07	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	37218	No
31	GOM_NL__2PRFIN20090413_042243_000000332078_00090_37218_6904.N1	13-APR-2009 04:22:43	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37218	No
32	GOM_NL__2PRFIN20090413_042428_000000362078_00090_37218_6905.N1	13-APR-2009 04:24:28	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	37218	No
33	GOM_NL__2PRFIN20090413_042655_000000342078_00090_37218_6906.N1	13-APR-2009 04:26:55	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	37218	No
34	GOM_NL__2PRFIN20090413_045458_000000542078_00091_37219_6913.N1	13-APR-2009 04:54:58	Dark	53.500	103	38Zet Sgr	2.6000	9700.0	107	37219	No
35	GOM_NL__2PRFIN20090413_045835_000000532078_00091_37219_6914.N1	13-APR-2009 04:58:35	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37219	No
36	GOM_NL__2PRFIN20090413_050237_000000522078_00091_37219_6915.N1	13-APR-2009 05:02:37	Dark	51.500	25	35Lam Sco	1.6200	28000.	103	37219	No
37	GOM_NL__2PRFIN20090413_050844_000000402078_00091_37219_6916.N1	13-APR-2009 05:08:44	Straylight	40.000	131	Gam Lup	2.8000	26000.	80	37219	No
38	GOM_NL__2PRFIN20090413_052129_000000352078_00091_37219_6917.N1	13-APR-2009 05:21:29	Bright	35.000	15	67Alp Vir	0.97600	28000.	70	37219	No
39	GOM_NL__2PRFIN20090413_053204_000000442078_00091_37219_6918.N1	13-APR-2009 05:32:04	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	37219	No
40	GOM_NL__2PRFIN20090413_054105_000000382078_00091_37219_6919.N1	13-APR-2009 05:41:05	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	37219	No
41	GOM_NL__2PRFIN20090413_054942_000000402078_00091_37219_6920.N1	13-APR-2009 05:49:42	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	37219	No
42	GOM_NL__2PRFIN20090413_060319_000000332078_00091_37219_6921.N1	13-APR-2009 06:03:19	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37219	No

43	GOM_NL__2PRFIN20090413_060504_000000362078_00091_37219_6922.N1	13-APR-2009 06:05:04	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	37219	No
44	GOM_NL__2PRFIN20090413_060731_000000352078_00091_37219_6923.N1	13-APR-2009 06:07:31	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	37219	No
45	GOM_NL__2PRFIN20090413_063535_000000542078_00092_37220_6927.N1	13-APR-2009 06:35:35	Dark	53.500	103	38Zet Sgr	2.6000	9700.0	107	37220	No
46	GOM_NL__2PRFIN20090413_063912_000000542078_00092_37220_6928.N1	13-APR-2009 06:39:12	Dark	53.500	38	20Eps Sgr	1.8360	11000.	107	37220	No
47	GOM_NL__2PRFIN20090413_064315_000000522078_00092_37220_6929.N1	13-APR-2009 06:43:15	Dark	51.500	25	35Lam Sco	1.6200	28000.	103	37220	No
48	GOM_NL__2PRFIN20090413_064921_000000412078_00092_37220_6930.N1	13-APR-2009 06:49:21	Straylight	40.500	131	Gam Lup	2.8000	26000.	81	37220	No
49	GOM_NL__2PRFIN20090413_070205_000000352078_00092_37220_6931.N1	13-APR-2009 07:02:05	Bright	35.000	15	67Alp Vir	0.97600	28000.	70	37220	No
50	GOM_NL__2PRFIN20090413_071240_000000442078_00092_37220_6932.N1	13-APR-2009 07:12:40	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	37220	No
51	GOM_NL__2PRFIN20090413_072141_000000382078_00092_37220_6933.N1	13-APR-2009 07:21:41	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	37220	No
52	GOM_NL__2PRFIN20090413_073017_000000402078_00092_37220_6934.N1	13-APR-2009 07:30:17	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	37220	No
53	GOM_NL__2PRFIN20090413_074354_000000342078_00092_37220_6935.N1	13-APR-2009 07:43:54	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	37220	No
54	GOM_NL__2PRFIN20090413_074540_000000362078_00092_37220_6936.N1	13-APR-2009 07:45:40	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	37220	No
55	GOM_NL__2PRFIN20090413_074807_000000352078_00092_37220_6937.N1	13-APR-2009 07:48:07	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	37220	No
56	GOM_NL__2PRFIN20090413_081613_000000542078_00093_37221_6927.N1	13-APR-2009 08:16:13	Dark	54.000	103	38Zet Sgr	2.6000	9700.0	108	37221	No
57	GOM_NL__2PRFIN20090413_081950_000000542078_00093_37221_6928.N1	13-APR-2009 08:19:50	Dark	53.500	38	20Eps Sgr	1.8360	11000.	107	37221	No
58	GOM_NL__2PRFIN20090413_082352_000000522078_00093_37221_6929.N1	13-APR-2009 08:23:52	Dark	52.000	25	35Lam Sco	1.6200	28000.	104	37221	No
59	GOM_NL__2PRFIN20090413_082957_000000402078_00093_37221_6930.N1	13-APR-2009 08:29:57	Straylight	40.000	131	Gam Lup	2.8000	26000.	80	37221	No
60	GOM_NL__2PRFIN20090413_084241_000000352078_00093_37221_6931.N1	13-APR-2009 08:42:41	Bright	35.000	15	67Alp Vir	0.97600	28000.	70	37221	No
61	GOM_NL__2PRFIN20090413_085315_000000442078_00093_37221_6932.N1	13-APR-2009 08:53:15	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	37221	No
62	GOM_NL__2PRFIN20090413_090216_000000392078_00093_37221_6933.N1	13-APR-2009 09:02:16	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	37221	No
63	GOM_NL__2PRFIN20090413_091052_000000402078_00093_37221_6934.N1	13-APR-2009 09:10:52	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	37221	No
64	GOM_NL__2PRFIN20090413_092430_000000332078_00093_37221_6935.N1	13-APR-2009 09:24:30	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37221	No
65	GOM_NL__2PRFIN20090413_092616_000000362078_00093_37221_6936.N1	13-APR-2009 09:26:16	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	37221	No
66	GOM_NL__2PRFIN20090413_092843_000000342078_00093_37221_6937.N1	13-APR-2009 09:28:43	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	37221	No
67	GOM_NL__2PRFIN20090413_095650_000000542078_00094_37222_6952.N1	13-APR-2009 09:56:50	Dark	53.500	103	38Zet Sgr	2.6000	9700.0	107	37222	No
68	GOM_NL__2PRFIN20090413_100027_000000532078_00094_37222_6953.N1	13-APR-2009 10:00:27	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37222	No
69	GOM_NL__2PRFIN20090413_100259_000000402078_00094_37222_6954.N1	13-APR-2009 10:02:59	Dark	40.000	147	Alp Ara	2.8770	26000.	80	37222	No
70	GOM_NL__2PRFIN20090413_100429_000000522078_00094_37222_6955.N1	13-APR-2009 10:04:29	Dark	51.500	25	35Lam Sco	1.6200	28000.	103	37222	No
71	GOM_NL__2PRFIN20090413_101034_000000402078_00094_37222_6956.N1	13-APR-2009 10:10:34	Straylight	40.000	131	Gam Lup	2.8000	26000.	80	37222	No
72	GOM_NL__2PRFIN20090413_102317_000000352078_00094_37222_6957.N1	13-APR-2009 10:23:17	Bright	34.500	15	67Alp Vir	0.97600	28000.	69	37222	No
73	GOM_NL__2PRFIN20090413_103350_000000442078_00094_37222_6958.N1	13-APR-2009 10:33:50	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	37222	No
74	GOM_NL__2PRFIN20090413_104251_000000382078_00094_37222_6959.N1	13-APR-2009 10:42:51	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	37222	No
75	GOM_NL__2PRFIN20090413_105128_000000402078_00094_37222_6960.N1	13-APR-2009 10:51:28	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	37222	No
76	GOM_NL__2PRFIN20090413_110506_000000332078_00094_37222_6961.N1	13-APR-2009 11:05:06	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37222	No
77	GOM_NL__2PRFIN20090413_110652_000000362078_00094_37222_6962.N1	13-APR-2009 11:06:52	Tw_i_and_stray	35.500	66	37Gam Cyg	2.2080	5900.0	71	37222	No
78	GOM_NL__2PRFIN20090413_110919_000000342078_00094_37222_6963.N1	13-APR-2009 11:09:19	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	37222	No
79	GOM_NL__2PRFIN20090413_113728_000000532078_00095_37223_6966.N1	13-APR-2009 11:37:28	Dark	53.000	103	38Zet Sgr	2.6000	9700.0	106	37223	No
80	GOM_NL__2PRFIN20090413_114104_000000532078_00095_37223_6967.N1	13-APR-2009 11:41:04	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37223	No
81	GOM_NL__2PRFIN20090413_114336_000000322078_00095_37223_6968.N1	13-APR-2009 11:43:36	Dark	32.000	147	Alp Ara	2.8770	26000.	64	37223	No
82	GOM_NL__2PRFIN20090413_114506_000000522078_00095_37223_6969.N1	13-APR-2009 11:45:06	Dark	51.500	25	35Lam Sco	1.6200	28000.	103	37223	No
83	GOM_NL__2PRFIN20090413_115111_000000392078_00095_37223_6970.N1	13-APR-2009 11:51:11	Straylight	39.000	131	Gam Lup	2.8000	26000.	78	37223	No
84	GOM_NL__2PRFIN20090413_120353_000000352078_00095_37223_6971.N1	13-APR-2009 12:03:53	Bright	34.500	15	67Alp Vir	0.97600	28000.	69	37223	No
85	GOM_NL__2PRFIN20090413_121426_000000432078_00095_37223_6972.N1	13-APR-2009 12:14:26	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	37223	No
86	GOM_NL__2PRFIN20090413_122327_000000382078_00095_37223_6973.N1	13-APR-2009 12:23:27	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	37223	No
87	GOM_NL__2PRFIN20090413_123203_000000392078_00095_37223_6974.N1	13-APR-2009 12:32:03	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	37223	No
88	GOM_NL__2PRFIN20090413_124542_000000332078_00095_37223_6975.N1	13-APR-2009 12:45:42	Bright	32.500	19	50Alp Cyg	1.2460	10500.	65	37223	No
89	GOM_NL__2PRFIN20090413_124728_000000362078_00095_37223_6976.N1	13-APR-2009 12:47:28	Tw_i_and_stray	35.500	66	37Gam Cyg	2.2080	5900.0	71	37223	No
90	GOM_NL__2PRFIN20090413_124955_000000342078_00095_37223_6977.N1	13-APR-2009 12:49:55	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	37223	No
91	GOM_NL__2PRFIN20090413_131805_000000532078_00096_37224_7016.N1	13-APR-2009 13:18:05	Dark	53.000	103	38Zet Sgr	2.6000	9700.0	106	37224	No
92	GOM_NL__2PRFIN20090413_132142_000000532078_00096_37224_7017.N1	13-APR-2009 13:21:42	Dark	52.500	38	20Eps Sgr	1.8360	11000.	105	37224	No
93	GOM_NL__2PRFIN20090413_132413_000000392078_00096_37224_7018.N1	13-APR-2009 13:24:13	Dark	39.000	147	Alp Ara	2.8770	26000.	78	37224	No
94	GOM_NL__2PRFIN20090413_132544_000000512078_00096_37224_7019.N1	13-APR-2009 13:25:44	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37224	No
95	GOM_NL__2PRFIN20090413_133147_000000392078_00096_37224_7020.N1	13-APR-2009 13:31:47	Straylight	38.500	131	Gam Lup	2.8000	26000.	77	37224	No
96	GOM_NL__2PRFIN20090413_134429_000000352078_00096_37224_7021.N1	13-APR-2009 13:44:29	Bright	34.500	15	67Alp Vir	0.97600	28000.	69	37224	No
97	GOM_NL__2PRFIN20090413_135501_000000432078_00096_37224_7022.N1	13-APR-2009 13:55:01	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	37224	No
98	GOM_NL__2PRFIN20090413_140402_000000382078_00096_37224_7023.N1	13-APR-2009 14:04:02	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	37224	No
99	GOM_NL__2PRFIN20090413_141238_000000392078_00096_37224_7024.N1	13-APR-2009 14:12:38	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	37224	No
100	GOM_NL__2PRFIN20090413_142618_000000332078_00096_37224_7025.N1	13-APR-2009 14:26:18	Bright	32.500	19	50Alp Cyg	1.2460	10500.	65	37224	No
101	GOM_NL__2PRFIN20090413_142803_000000362078_00096_37224_7026.N1	13-APR-2009 14:28:03	Tw_i_and_stray	35.500	66	37Gam Cyg	2.2080	5900.0	71	37224	No

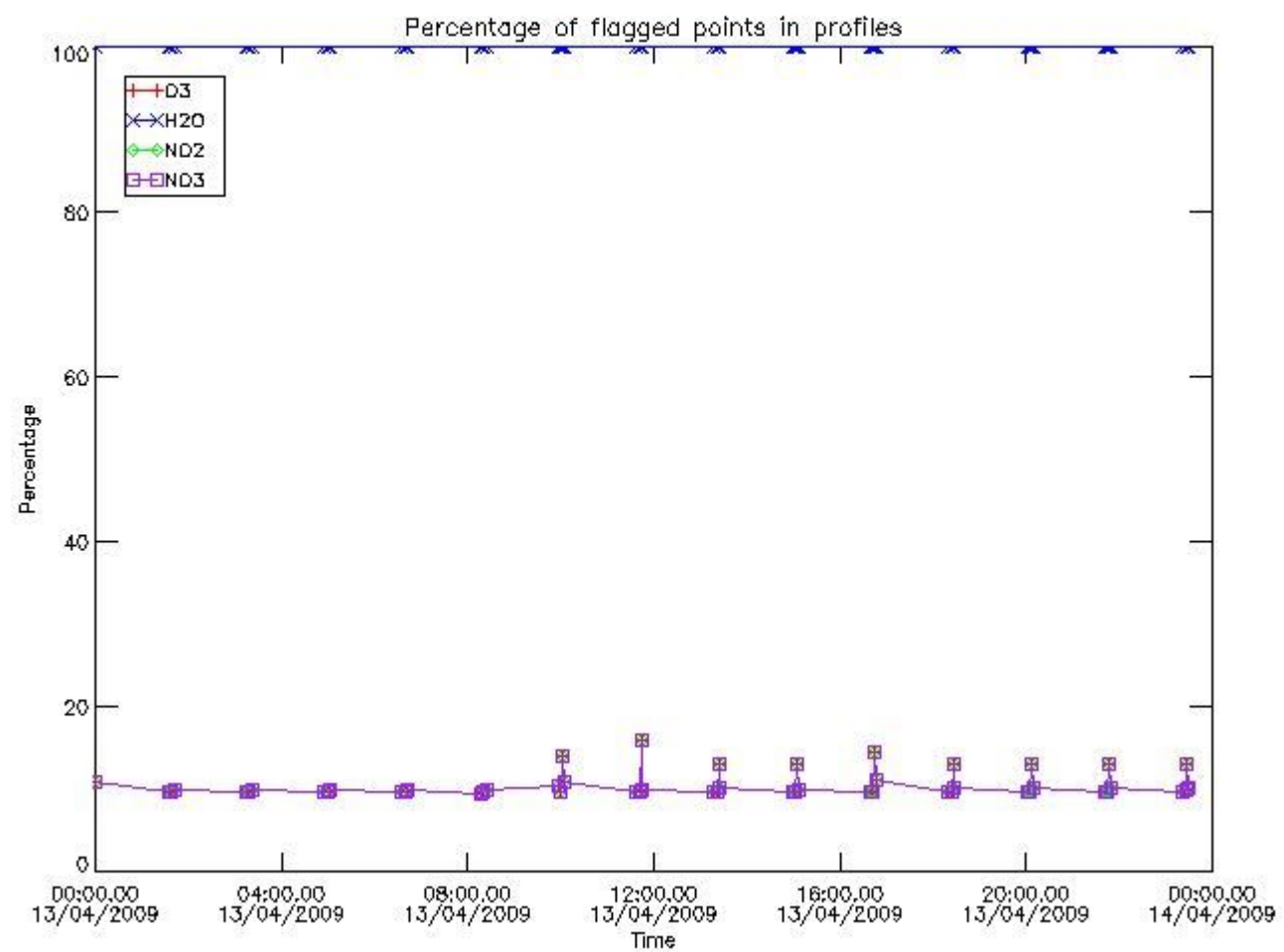
102	GOM_NL__2PRFIN20090413_143031_000000342078_00096_37224_7027.N1	13-APR-2009 14:30:31	Twilight	33.500	92	53Eps Cyg	2.5000	4500.0	67	37224	No
103	GOM_NL__2PRFIN20090413_145843_000000532078_00097_37225_7038.N1	13-APR-2009 14:58:43	Dark	52.500	103	38Zet Sgr	2.6000	9700.0	105	37225	No
104	GOM_NL__2PRFIN20090413_150219_000000532078_00097_37225_7039.N1	13-APR-2009 15:02:19	Dark	52.500	38	20Eps Sgr	1.8360	11000.	105	37225	No
105	GOM_NL__2PRFIN20090413_150450_000000402078_00097_37225_7040.N1	13-APR-2009 15:04:50	Dark	39.500	147	Alp Ara	2.8770	26000.	79	37225	No
106	GOM_NL__2PRFIN20090413_150621_000000512078_00097_37225_7041.N1	13-APR-2009 15:06:21	Dark	51.000	25	35Lam Sco	1.6200	28000.	102	37225	No
107	GOM_NL__2PRFIN20090413_151224_000000392078_00097_37225_7042.N1	13-APR-2009 15:12:24	Straylight	39.000	131	Gam Lup	2.8000	26000.	78	37225	No
108	GOM_NL__2PRFIN20090413_152509_000000302078_00097_37225_7043.N1	13-APR-2009 15:25:09	Bright	30.000	15	67Alp Vir	0.97600	28000.	60	37225	No
109	GOM_NL__2PRFIN20090413_153536_000000432078_00097_37225_7044.N1	13-APR-2009 15:35:36	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	37225	No
110	GOM_NL__2PRFIN20090413_154438_000000382078_00097_37225_7045.N1	13-APR-2009 15:44:38	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	37225	No
111	GOM_NL__2PRFIN20090413_155313_000000392078_00097_37225_7046.N1	13-APR-2009 15:53:13	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	37225	No
112	GOM_NL__2PRFIN20090413_160654_000000332078_00097_37225_7047.N1	13-APR-2009 16:06:54	Bright	32.500	19	50Alp Cyg	1.2460	10500.	65	37225	No
113	GOM_NL__2PRFIN20090413_160839_000000352078_00097_37225_7048.N1	13-APR-2009 16:08:39	Twilight	35.000	66	37Gam Cyg	2.2080	5900.0	70	37225	No
114	GOM_NL__2PRFIN20090413_161107_000000342078_00097_37225_7049.N1	13-APR-2009 16:11:07	Twilight	33.500	92	53Eps Cyg	2.5000	4500.0	67	37225	No
115	GOM_NL__2PRFIN20090413_163920_000000532078_00098_37226_7052.N1	13-APR-2009 16:39:20	Dark	52.500	103	38Zet Sgr	2.6000	9700.0	105	37226	No
116	GOM_NL__2PRFIN20090413_164257_000000532078_00098_37226_7053.N1	13-APR-2009 16:42:57	Dark	52.500	38	20Eps Sgr	1.8360	11000.	105	37226	No
117	GOM_NL__2PRFIN20090413_164527_000000392078_00098_37226_7054.N1	13-APR-2009 16:45:27	Dark	39.000	147	Alp Ara	2.8770	26000.	78	37226	No
118	GOM_NL__2PRFIN20090413_164658_000000512078_00098_37226_7055.N1	13-APR-2009 16:46:58	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37226	No
119	GOM_NL__2PRFIN20090413_165300_000000392078_00098_37226_7056.N1	13-APR-2009 16:53:00	Straylight	38.500	131	Gam Lup	2.8000	26000.	77	37226	No
120	GOM_NL__2PRFIN20090413_171612_000000432078_00098_37226_7057.N1	13-APR-2009 17:16:12	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	37226	No
121	GOM_NL__2PRFIN20090413_172513_000000372078_00098_37226_7058.N1	13-APR-2009 17:25:13	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	37226	No
122	GOM_NL__2PRFIN20090413_173349_000000392078_00098_37226_7059.N1	13-APR-2009 17:33:49	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	37226	No
123	GOM_NL__2PRFIN20090413_174729_000000332078_00098_37226_7060.N1	13-APR-2009 17:47:29	Bright	32.500	19	50Alp Cyg	1.2460	10500.	65	37226	No
124	GOM_NL__2PRFIN20090413_174915_000000352078_00098_37226_7061.N1	13-APR-2009 17:49:15	Twilight	35.000	66	37Gam Cyg	2.2080	5900.0	70	37226	No
125	GOM_NL__2PRFIN20090413_175143_000000342078_00098_37226_7062.N1	13-APR-2009 17:51:43	Twilight	33.500	92	53Eps Cyg	2.5000	4500.0	67	37226	No
126	GOM_NL__2PRFIN20090413_181958_000000532078_00099_37227_7071.N1	13-APR-2009 18:19:58	Dark	53.000	103	38Zet Sgr	2.6000	9700.0	106	37227	No
127	GOM_NL__2PRFIN20090413_182334_000000532078_00099_37227_7072.N1	13-APR-2009 18:23:34	Dark	52.500	38	20Eps Sgr	1.8360	11000.	105	37227	No
128	GOM_NL__2PRFIN20090413_182603_000000392078_00099_37227_7073.N1	13-APR-2009 18:26:03	Dark	39.000	147	Alp Ara	2.8770	26000.	78	37227	No
129	GOM_NL__2PRFIN20090413_182736_000000512078_00099_37227_7074.N1	13-APR-2009 18:27:36	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37227	No
130	GOM_NL__2PRFIN20090413_183337_000000392078_00099_37227_7075.N1	13-APR-2009 18:33:37	Straylight	39.000	131	Gam Lup	2.8000	26000.	78	37227	No
131	GOM_NL__2PRFIN20090413_185647_000000432078_00099_37227_7076.N1	13-APR-2009 18:56:47	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	37227	No
132	GOM_NL__2PRFIN20090413_190548_000000372078_00099_37227_7077.N1	13-APR-2009 19:05:48	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	37227	No
133	GOM_NL__2PRFIN20090413_191424_000000392078_00099_37227_7078.N1	13-APR-2009 19:14:24	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	37227	No
134	GOM_NL__2PRFIN20090413_192805_000000332078_00099_37227_7079.N1	13-APR-2009 19:28:05	Bright	32.500	19	50Alp Cyg	1.2460	10500.	65	37227	No
135	GOM_NL__2PRFIN20090413_192951_000000362078_00099_37227_7080.N1	13-APR-2009 19:29:51	Twilight	35.500	66	37Gam Cyg	2.2080	5900.0	71	37227	No
136	GOM_NL__2PRFIN20090413_193219_000000342078_00099_37227_7081.N1	13-APR-2009 19:32:19	Twilight	33.500	92	53Eps Cyg	2.5000	4500.0	67	37227	No
137	GOM_NL__2PRFIN20090413_200035_000000532078_00100_37228_7087.N1	13-APR-2009 20:00:35	Dark	53.000	103	38Zet Sgr	2.6000	9700.0	106	37228	No
138	GOM_NL__2PRFIN20090413_200412_000000532078_00100_37228_7088.N1	13-APR-2009 20:04:12	Dark	52.500	38	20Eps Sgr	1.8360	11000.	105	37228	No
139	GOM_NL__2PRFIN20090413_200640_000000402078_00100_37228_7089.N1	13-APR-2009 20:06:40	Dark	39.500	147	Alp Ara	2.8770	26000.	79	37228	No
140	GOM_NL__2PRFIN20090413_200813_000000502078_00100_37228_7090.N1	13-APR-2009 20:08:13	Dark	50.000	25	35Lam Sco	1.6200	28000.	100	37228	No
141	GOM_NL__2PRFIN20090413_201414_000000392078_00100_37228_7091.N1	13-APR-2009 20:14:14	Straylight	39.000	131	Gam Lup	2.8000	26000.	78	37228	No
142	GOM_NL__2PRFIN20090413_203722_000000432078_00100_37228_7092.N1	13-APR-2009 20:37:22	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	37228	No
143	GOM_NL__2PRFIN20090413_204624_000000382078_00100_37228_7093.N1	13-APR-2009 20:46:24	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	37228	No
144	GOM_NL__2PRFIN20090413_205459_000000392078_00100_37228_7094.N1	13-APR-2009 20:54:59	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	37228	No
145	GOM_NL__2PRFIN20090413_210841_000000332078_00100_37228_7095.N1	13-APR-2009 21:08:41	Bright	32.500	19	50Alp Cyg	1.2460	10500.	65	37228	No
146	GOM_NL__2PRFIN20090413_211027_000000362078_00100_37228_7096.N1	13-APR-2009 21:10:27	Twilight	35.500	66	37Gam Cyg	2.2080	5900.0	71	37228	No
147	GOM_NL__2PRFIN20090413_211255_000000342078_00100_37228_7097.N1	13-APR-2009 21:12:55	Twilight	33.500	92	53Eps Cyg	2.5000	4500.0	67	37228	No
148	GOM_NL__2PRFIN20090413_214113_000000532078_00101_37229_7107.N1	13-APR-2009 21:41:13	Dark	53.000	103	38Zet Sgr	2.6000	9700.0	106	37229	No
149	GOM_NL__2PRFIN20090413_214449_000000532078_00101_37229_7108.N1	13-APR-2009 21:44:49	Dark	52.500	38	20Eps Sgr	1.8360	11000.	105	37229	No
150	GOM_NL__2PRFIN20090413_214717_000000392078_00101_37229_7109.N1	13-APR-2009 21:47:17	Dark	39.000	147	Alp Ara	2.8770	26000.	78	37229	No
151	GOM_NL__2PRFIN20090413_214850_000000512078_00101_37229_7110.N1	13-APR-2009 21:48:50	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37229	No
152	GOM_NL__2PRFIN20090413_215450_000000392078_00101_37229_7111.N1	13-APR-2009 21:54:50	Straylight	39.000	131	Gam Lup	2.8000	26000.	78	37229	No
153	GOM_NL__2PRFIN20090413_221758_000000432078_00101_37229_7112.N1	13-APR-2009 22:17:58	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	37229	No
154	GOM_NL__2PRFIN20090413_222659_000000372078_00101_37229_7113.N1	13-APR-2009 22:26:59	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	37229	No
155	GOM_NL__2PRFIN20090413_223534_000000392078_00101_37229_7114.N1	13-APR-2009 22:35:34	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	37229	No
156	GOM_NL__2PRFIN20090413_224917_000000332078_00101_37229_7115.N1	13-APR-2009 22:49:17	Bright	32.500	19	50Alp Cyg	1.2460	10500.	65	37229	No
157	GOM_NL__2PRFIN20090413_225103_000000362078_00101_37229_7116.N1	13-APR-2009 22:51:03	Twilight	35.500	66	37Gam Cyg	2.2080	5900.0	71	37229	No
158	GOM_NL__2PRFIN20090413_225331_000000332078_00101_37229_7117.N1	13-APR-2009 22:53:31	Twilight	33.000	92	53Eps Cyg	2.5000	4500.0	66	37229	No
159	GOM_NL__2PRFIN20090413_232150_000000532078_00102_37230_7122.N1	13-APR-2009 23:21:50	Dark	52.500	103	38Zet Sgr	2.6000	9700.0	105	37230	No
160	GOM_NL__2PRFIN20090413_232526_000000522078_00102_37230_7123.N1	13-APR-2009 23:25:26	Dark	52.000	38	20Eps Sgr	1.8360	11000.	104	37230	No

161	GOM_NL__2PRFIN20090413_232754_000000392078_00102_37230_7124.N1	13-APR-2009 23:27:54	Dark	39.000	147	Alp Ara	2.8770	26000.	78	37230	No
162	GOM_NL__2PRFIN20090413_232927_000000512078_00102_37230_7125.N1	13-APR-2009 23:29:27	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37230	No
163	GOM_NL__2PRFIN20090413_233527_000000392078_00102_37230_7126.N1	13-APR-2009 23:35:27	Straylight	39.000	131	Gam Lup	2.8000	26000.	78	37230	No
164	GOM_NL__2PRFIN20090413_235833_000000422078_00102_37230_7127.N1	13-APR-2009 23:58:33	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	37230	No

3. Quality information per product

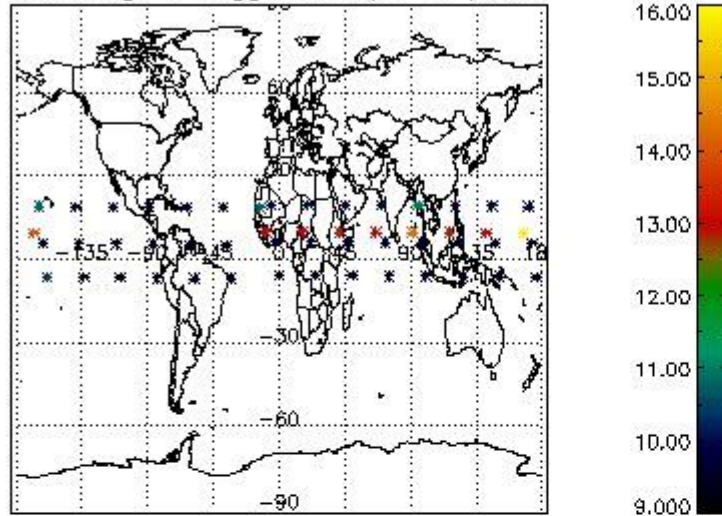
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

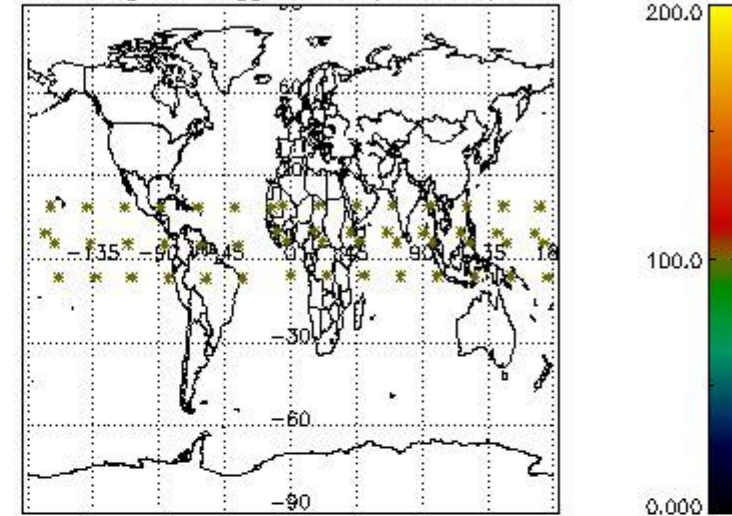


3.2 Plot quality information per product (world map)

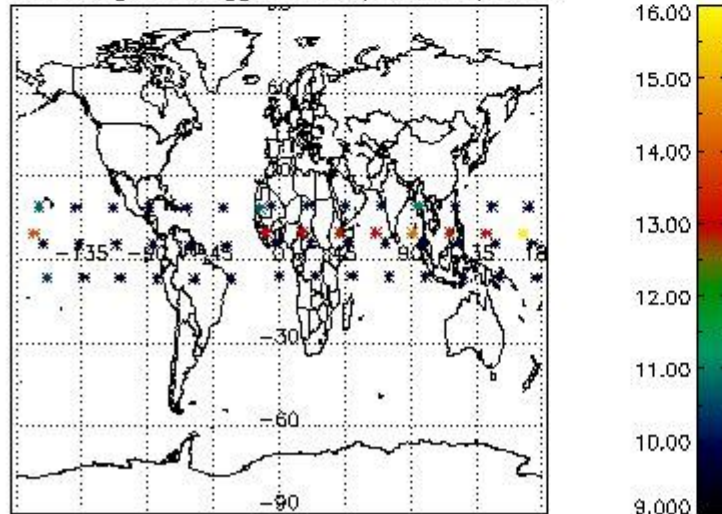
Percentage of flagged data per O3 profile



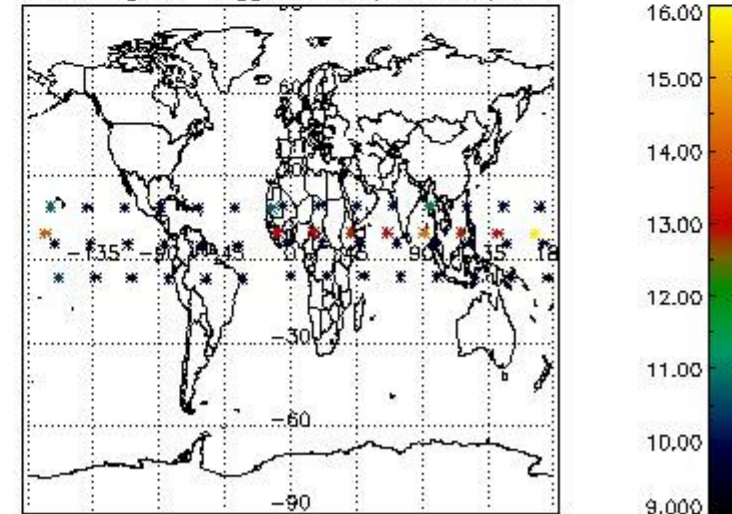
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

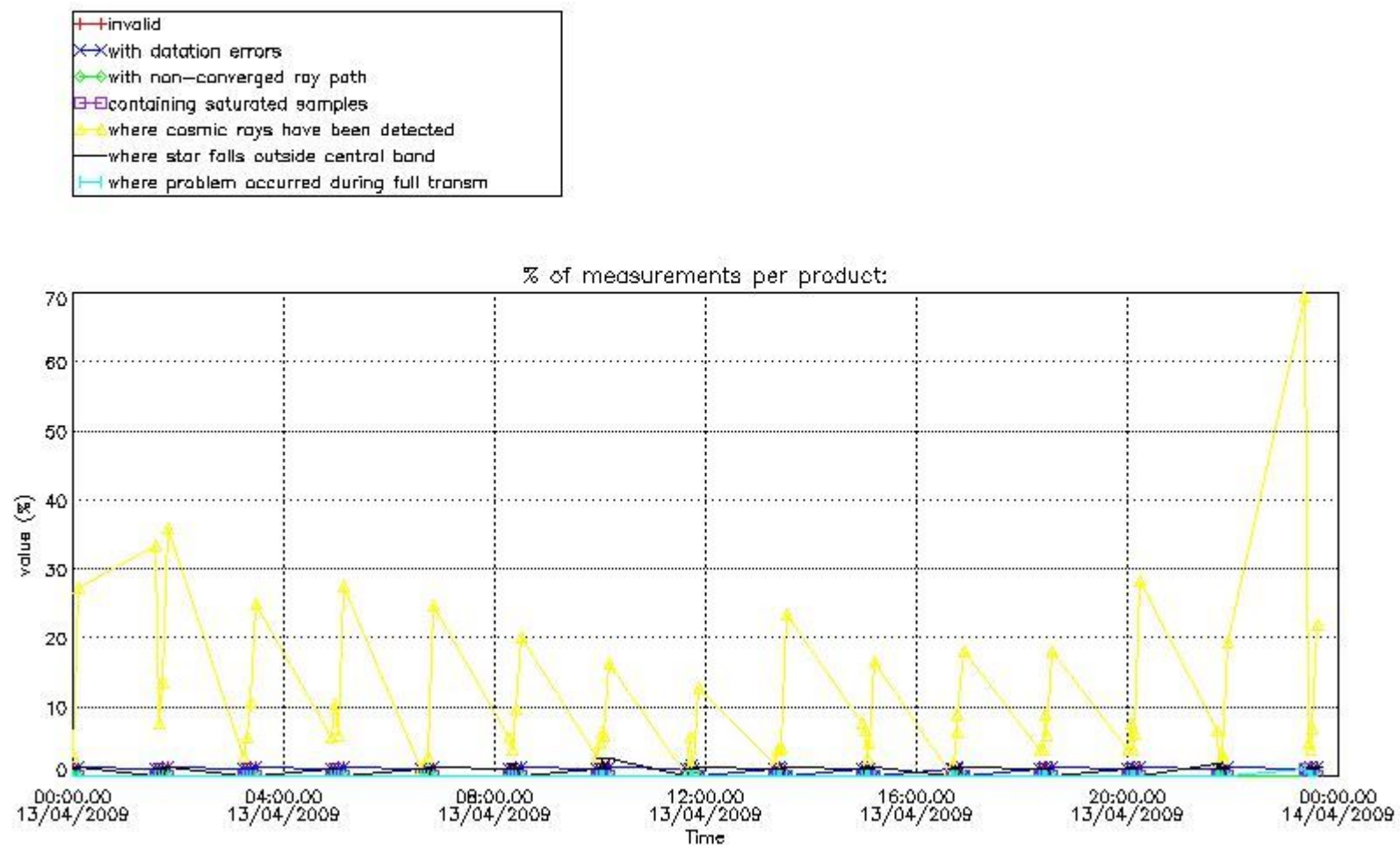


4. Level 1 quality information per product

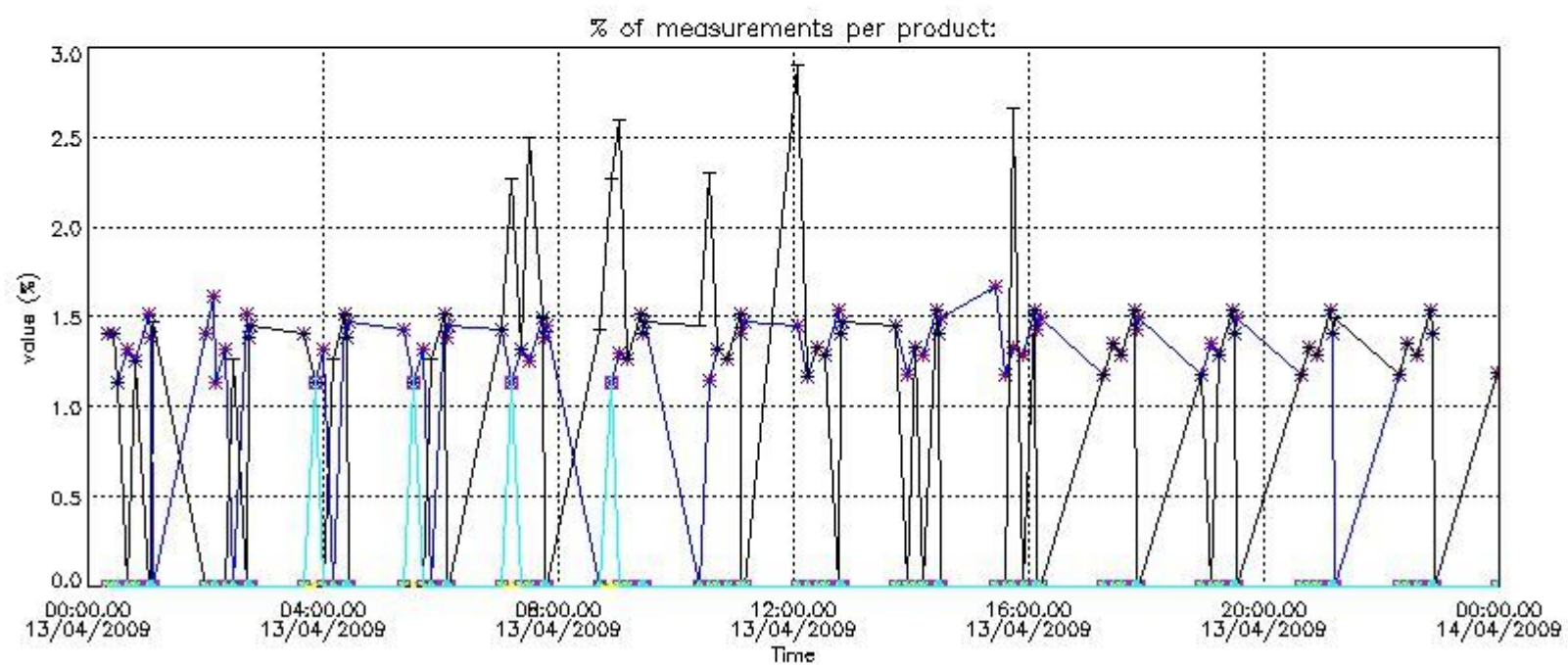
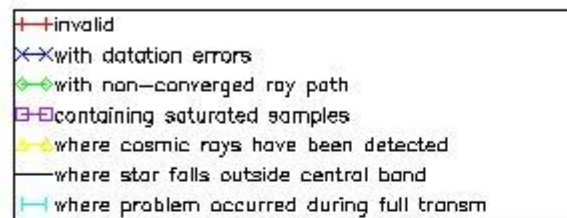
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



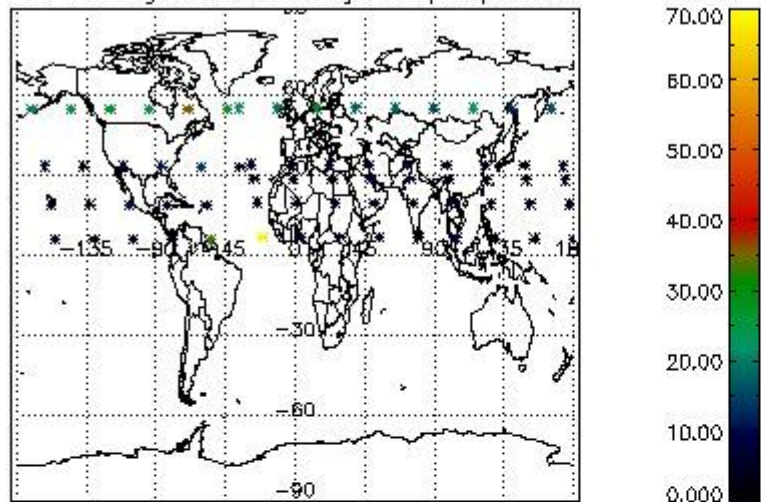
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



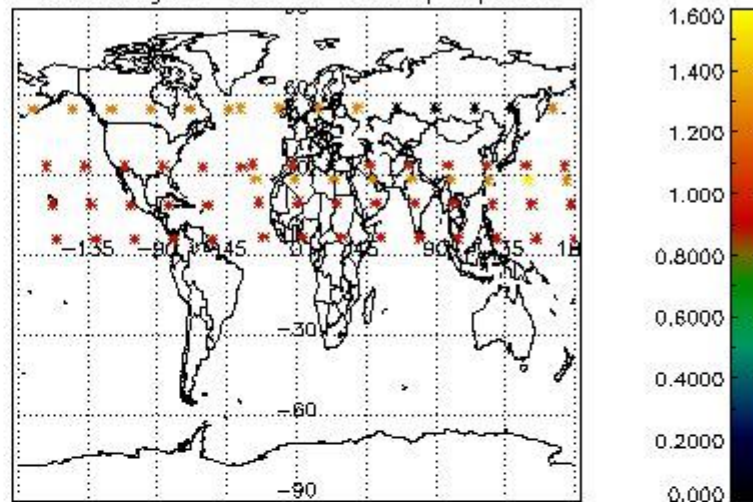
4.2 Plot quality information per product coming from level 1b processing (world map)

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

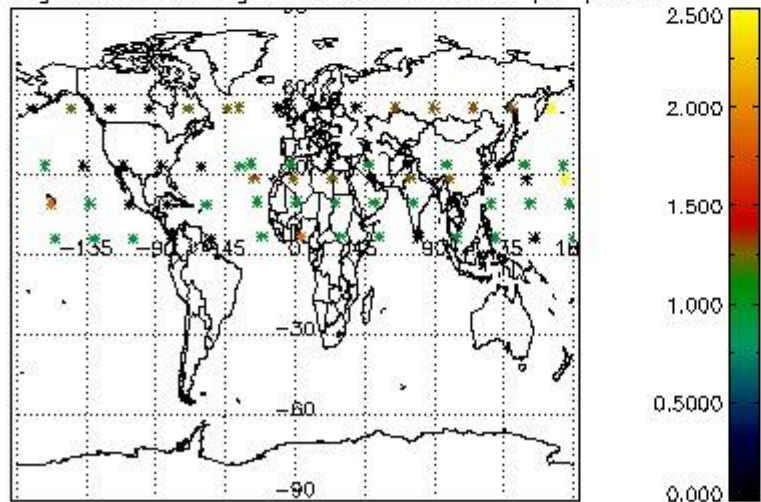
Percentage of cosmic ray hits per profile



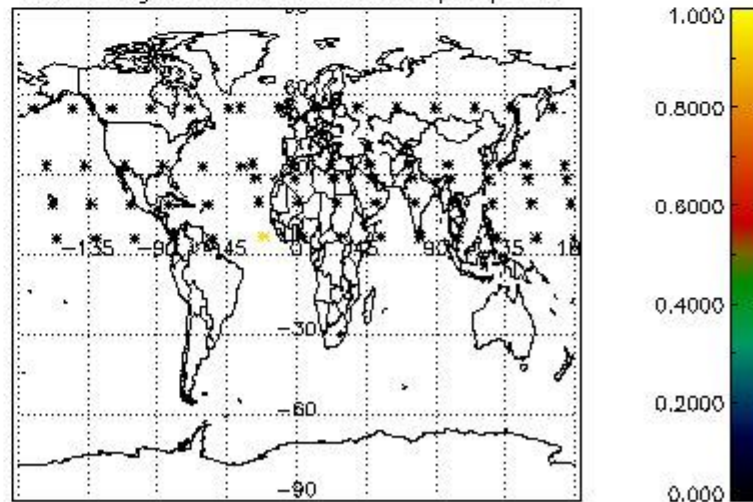
Percentage of datation errors per profile



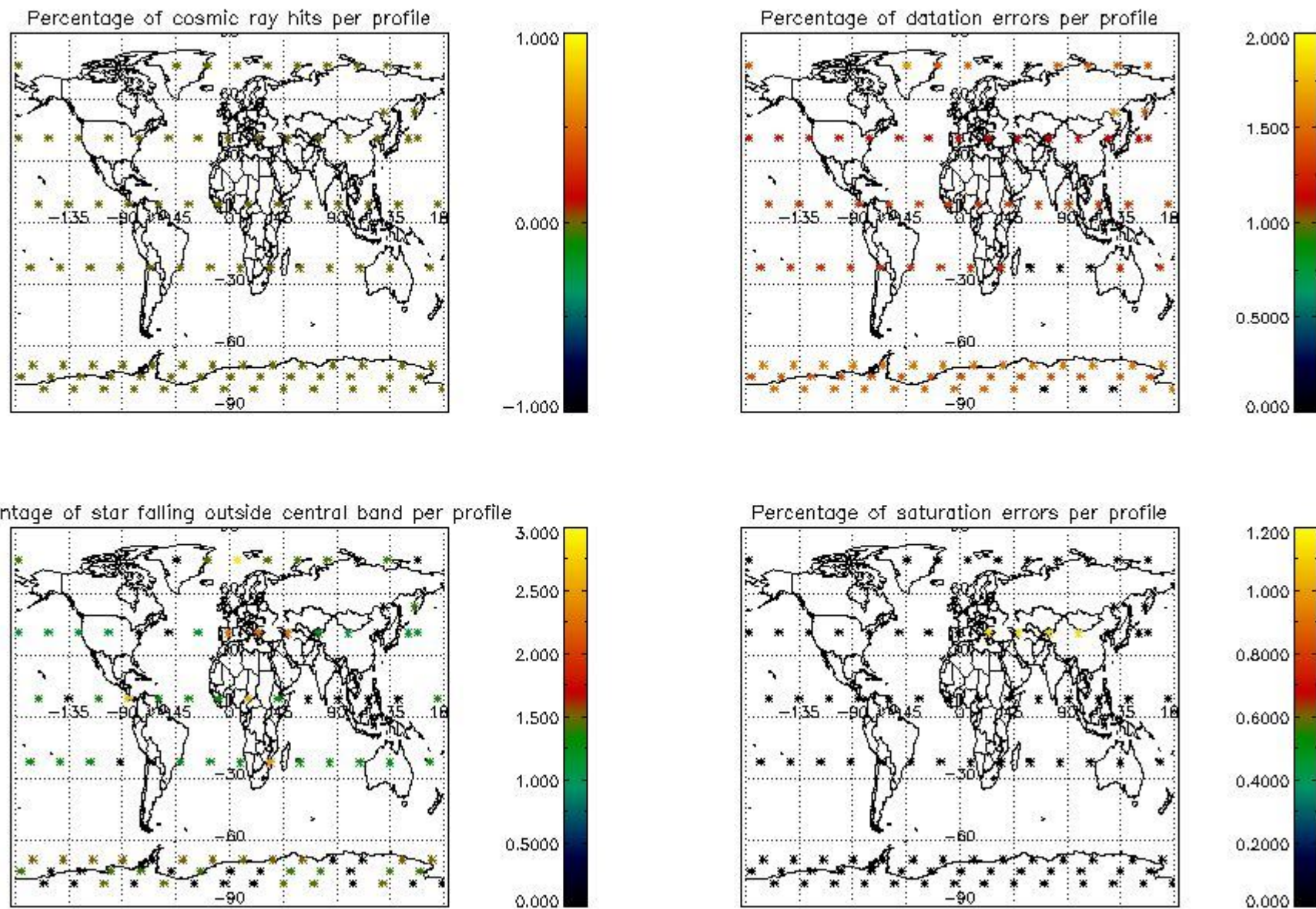
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

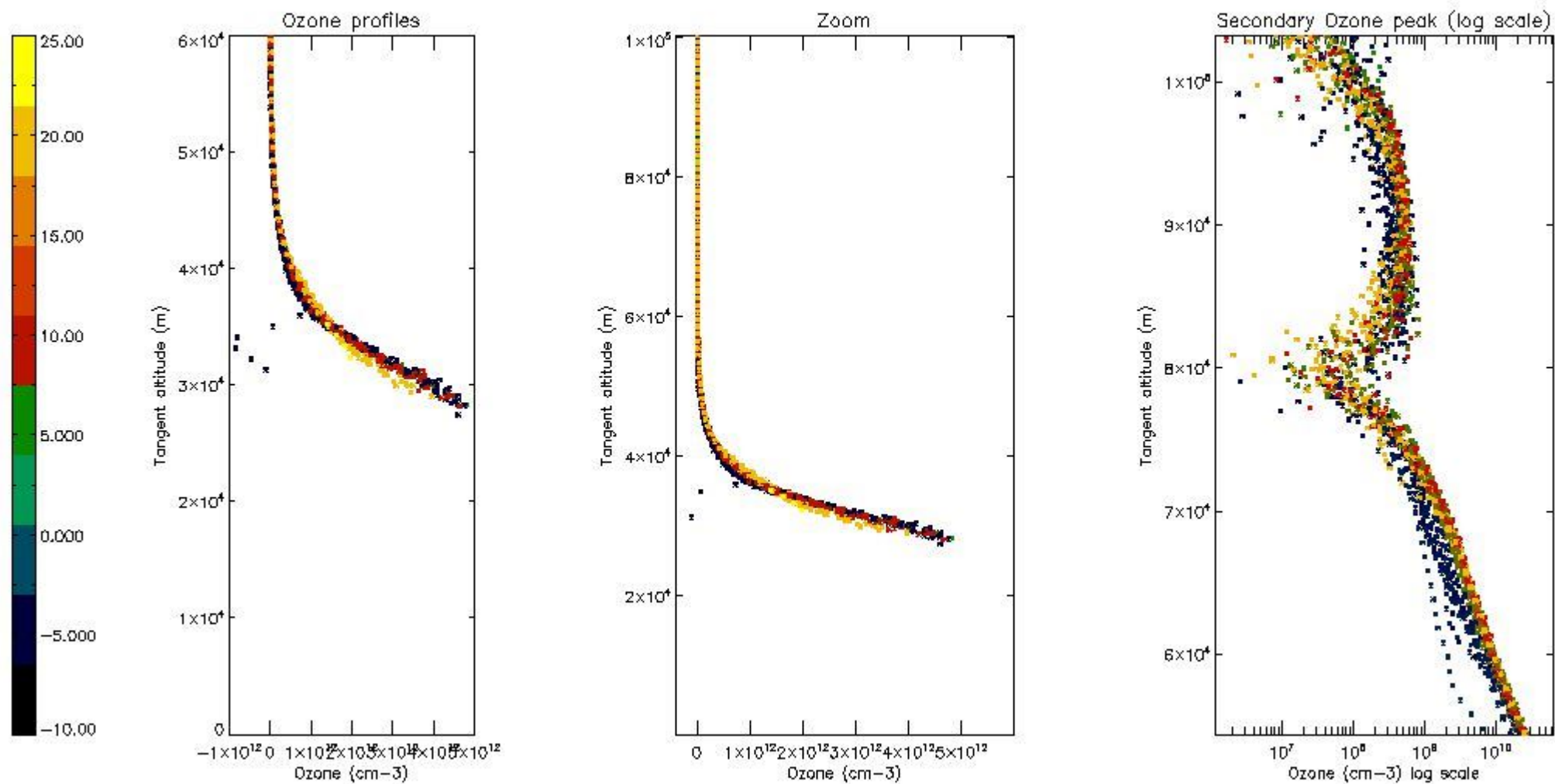
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	39
STD < 20	24

STD < 10	20
STD < 5	15

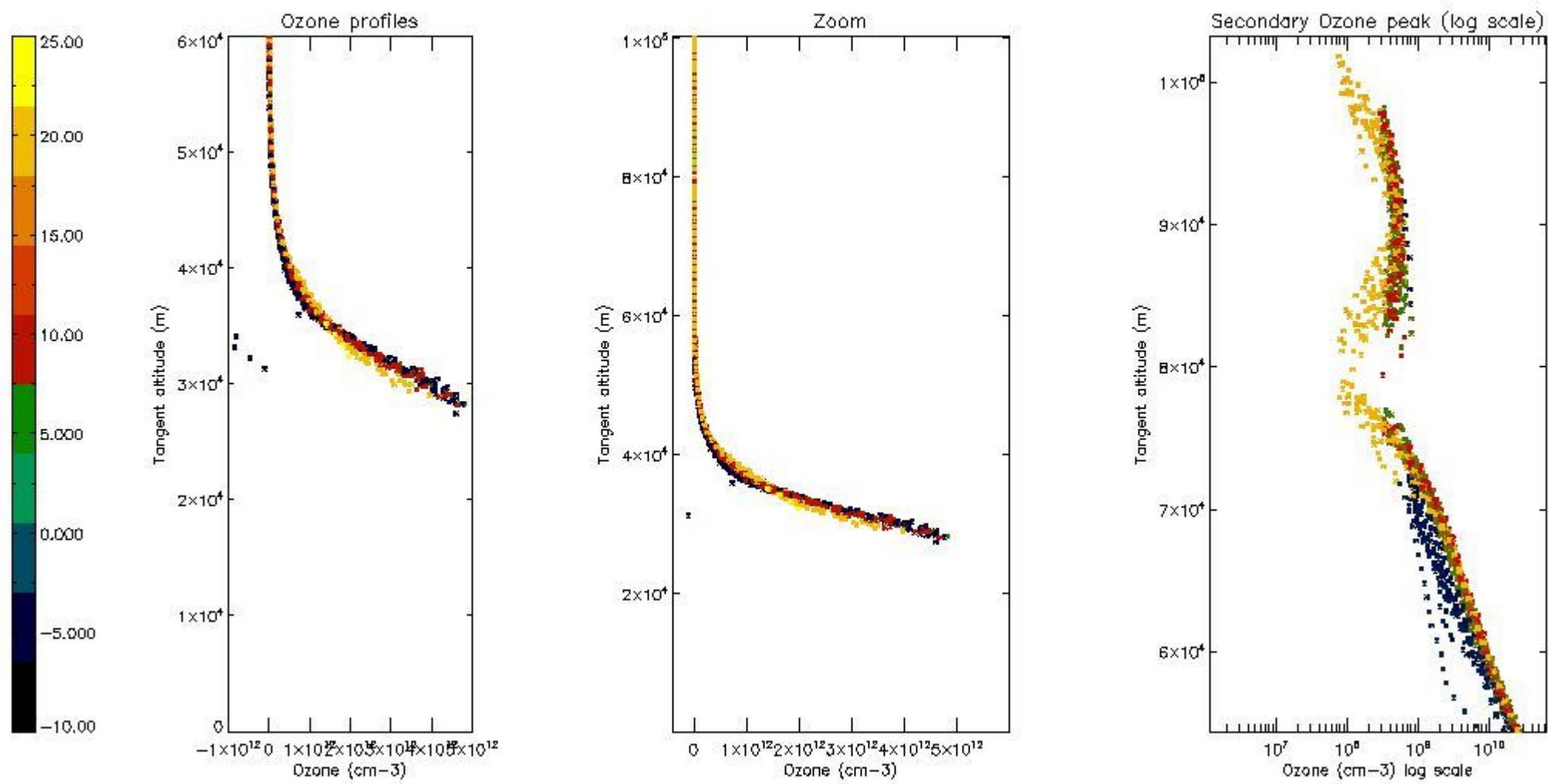
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



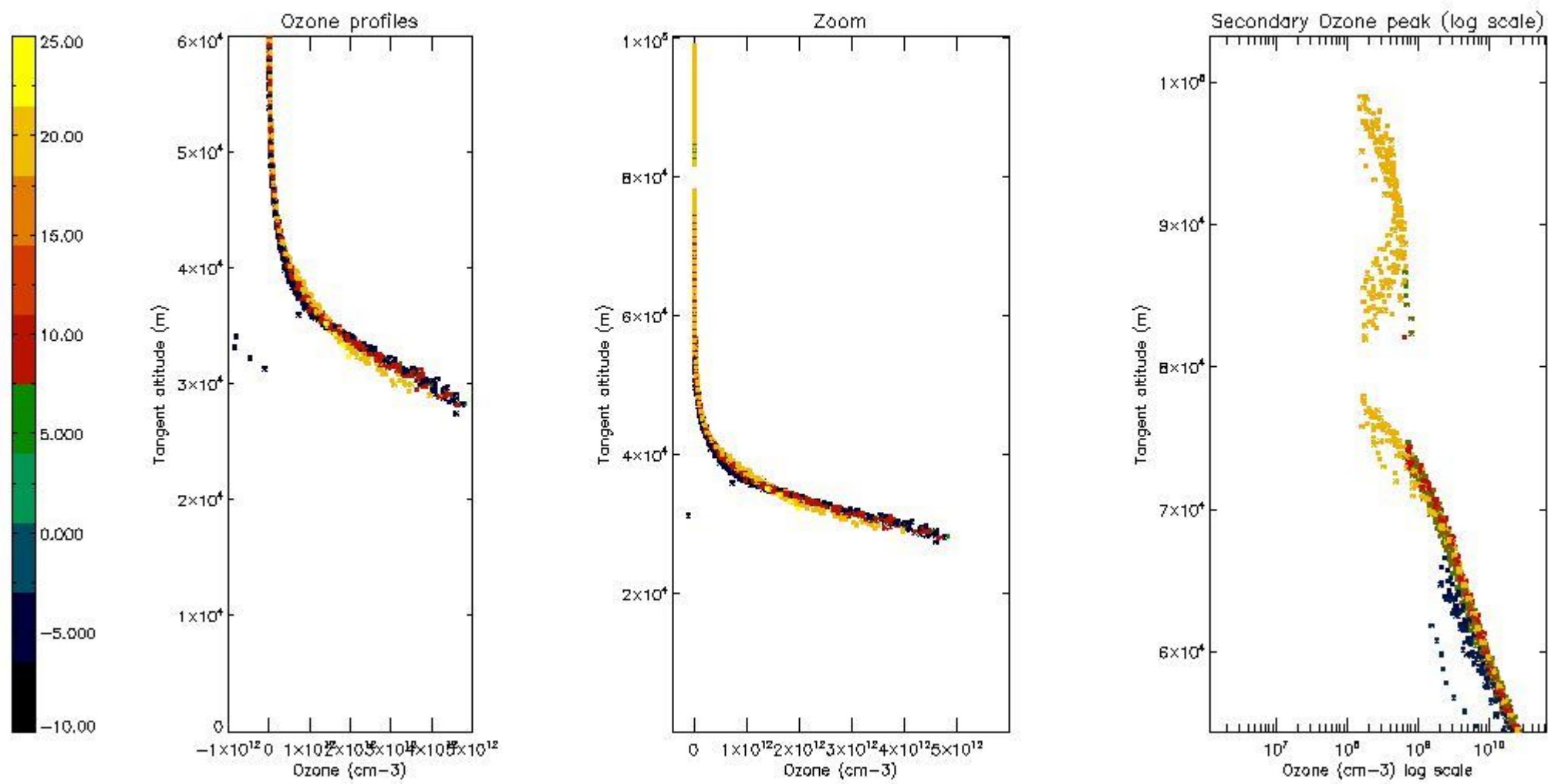
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



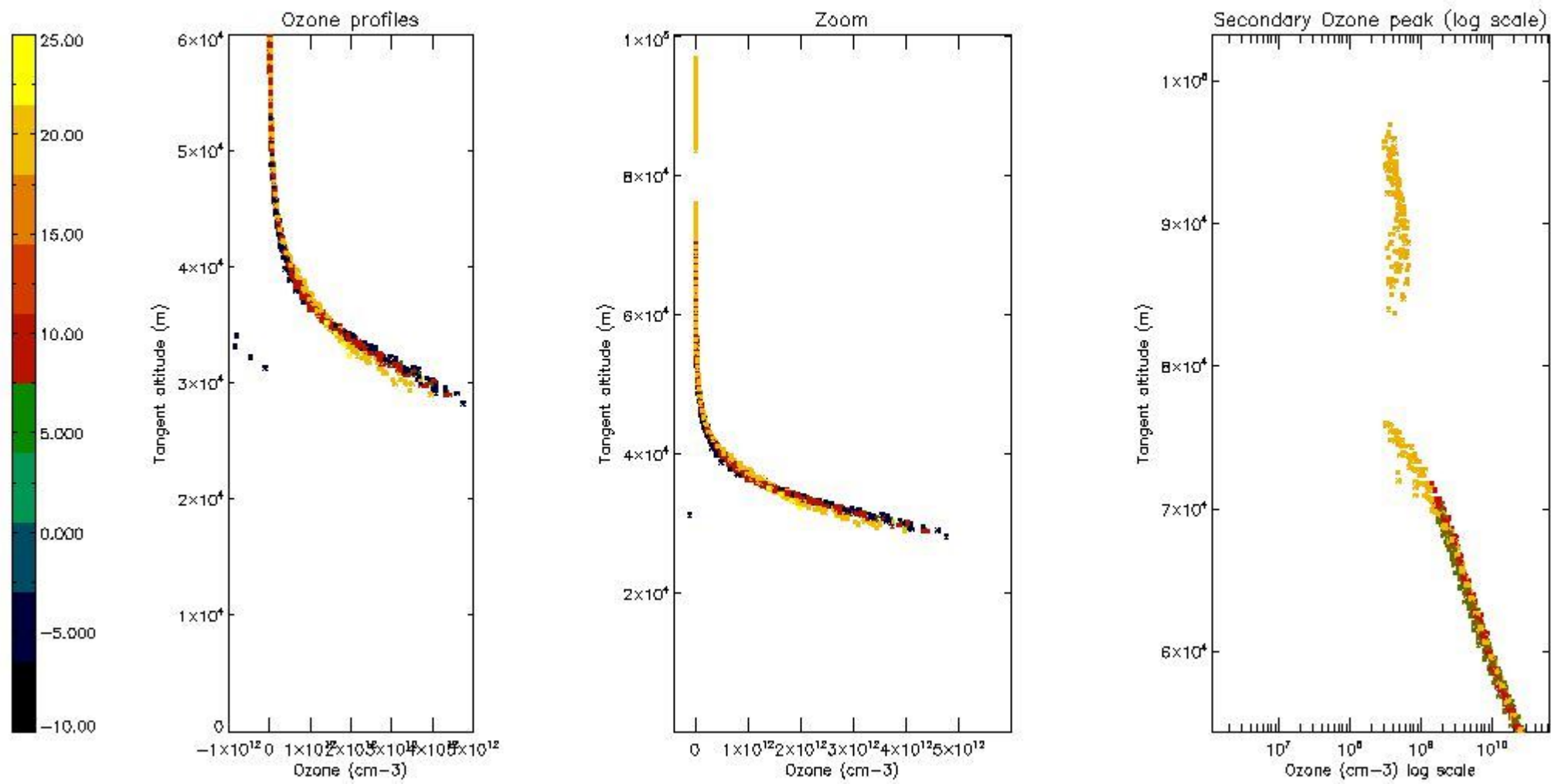
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



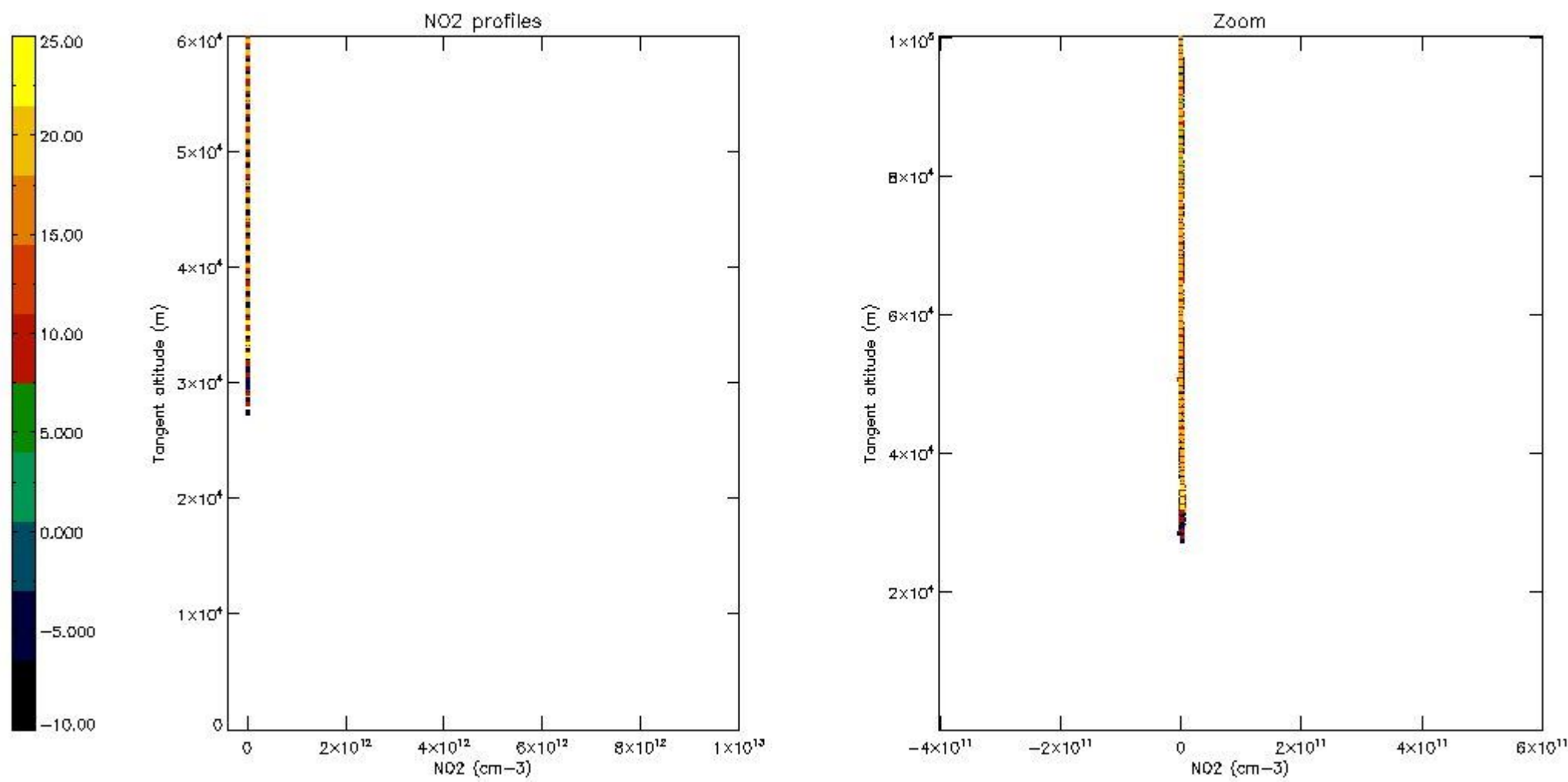
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



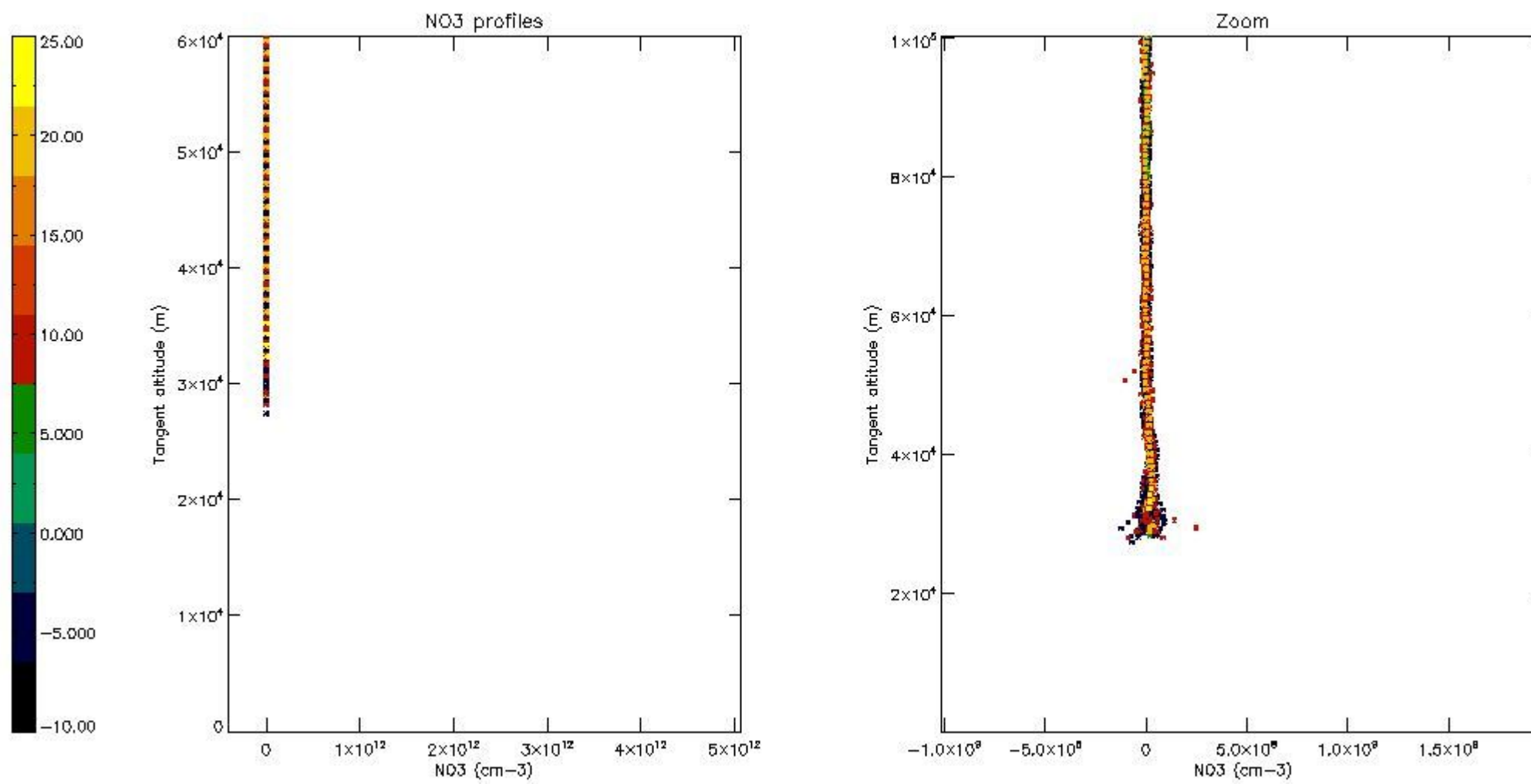
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	13-APR-2009 00:00:46
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	13-APR-2009 00:00:46
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	13-APR-2009 00:00:46

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 08:47:15
Data source version	GOMOS/6.01
Start time of products	13-04-2009 (13APR2009 00:00:00)
Stop time of products	14-04-2009 (14APR2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	164
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20090413_000046_00000522078_00088_37216_6864.N1	13-APR-2009 00:00:46	Dark	52.000	25	35Lam Sco	1.6200	28000.	104	37216	No
2	GOM_NL__2PRFIN20090413_000654_000000412078_00088_37216_6865.N1	13-APR-2009 00:06:54	Straylight	40.500	131	Gam Lup	2.8000	26000.	81	37216	No
3	GOM_NL__2PRFIN20090413_001941_000000362078_00088_37216_6866.N1	13-APR-2009 00:19:41	Bright	35.500	15	67Alp Vir	0.97600	28000.	71	37216	No
4	GOM_NL__2PRFIN20090413_002639_000000362078_00088_37216_6867.N1	13-APR-2009 00:26:39	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	37216	No
5	GOM_NL__2PRFIN20090413_003018_000000442078_00088_37216_6868.N1	13-APR-2009 00:30:18	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	37216	No
6	GOM_NL__2PRFIN20090413_003919_000000382078_00088_37216_6869.N1	13-APR-2009 00:39:19	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	37216	No
7	GOM_NL__2PRFIN20090413_004756_000000402078_00088_37216_6870.N1	13-APR-2009 00:47:56	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	37216	No
8	GOM_NL__2PRFIN20090413_010131_000000332078_00088_37216_6871.N1	13-APR-2009 01:01:31	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37216	No
9	GOM_NL__2PRFIN20090413_010317_000000362078_00088_37216_6872.N1	13-APR-2009 01:03:17	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	37216	No
10	GOM_NL__2PRFIN20090413_010542_000000342078_00088_37216_6873.N1	13-APR-2009 01:05:42	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	37216	No
11	GOM_NL__2PRFIN20090413_013343_000000532078_00089_37217_6878.N1	13-APR-2009 01:33:43	Dark	52.500	103	38Zet Sgr	2.6000	9700.0	105	37217	No
12	GOM_NL__2PRFIN20090413_013720_000000532078_00089_37217_6879.N1	13-APR-2009 01:37:20	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37217	No
13	GOM_NL__2PRFIN20090413_014123_000000522078_00089_37217_6880.N1	13-APR-2009 01:41:23	Dark	51.500	25	35Lam Sco	1.6200	28000.	103	37217	No
14	GOM_NL__2PRFIN20090413_014731_000000412078_00089_37217_6881.N1	13-APR-2009 01:47:31	Straylight	40.500	131	Gam Lup	2.8000	26000.	81	37217	No
15	GOM_NL__2PRFIN20090413_020017_000000362078_00089_37217_6882.N1	13-APR-2009 02:00:17	Bright	35.500	15	67Alp Vir	0.97600	28000.	71	37217	No
16	GOM_NL__2PRFIN20090413_020719_000000312078_00089_37217_6883.N1	13-APR-2009 02:07:19	Bright	31.000	138	47Eps Vir	2.8280	4700.0	62	37217	No
17	GOM_NL__2PRFIN20090413_021053_000000442078_00089_37217_6884.N1	13-APR-2009 02:10:53	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	37217	No
18	GOM_NL__2PRFIN20090413_021954_000000382078_00089_37217_6885.N1	13-APR-2009 02:19:54	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	37217	No
19	GOM_NL__2PRFIN20090413_022832_000000402078_00089_37217_6886.N1	13-APR-2009 02:28:32	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	37217	No
20	GOM_NL__2PRFIN20090413_024207_000000332078_00089_37217_6887.N1	13-APR-2009 02:42:07	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37217	No
21	GOM_NL__2PRFIN20090413_024352_000000362078_00089_37217_6888.N1	13-APR-2009 02:43:52	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	37217	No
22	GOM_NL__2PRFIN20090413_024618_000000352078_00089_37217_6889.N1	13-APR-2009 02:46:18	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	37217	No
23	GOM_NL__2PRFIN20090413_031420_000000532078_00090_37218_6896.N1	13-APR-2009 03:14:20	Dark	53.000	103	38Zet Sgr	2.6000	9700.0	106	37218	No
24	GOM_NL__2PRFIN20090413_031757_000000532078_00090_37218_6897.N1	13-APR-2009 03:17:57	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37218	No
25	GOM_NL__2PRFIN20090413_032200_000000522078_00090_37218_6898.N1	13-APR-2009 03:22:00	Dark	51.500	25	35Lam Sco	1.6200	28000.	103	37218	No
26	GOM_NL__2PRFIN20090413_032807_000000402078_00090_37218_6899.N1	13-APR-2009 03:28:07	Straylight	40.000	131	Gam Lup	2.8000	26000.	80	37218	No
27	GOM_NL__2PRFIN20090413_034053_000000362078_00090_37218_6900.N1	13-APR-2009 03:40:53	Bright	35.500	15	67Alp Vir	0.97600	28000.	71	37218	No
28	GOM_NL__2PRFIN20090413_035129_000000442078_00090_37218_6901.N1	13-APR-2009 03:51:29	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	37218	No
29	GOM_NL__2PRFIN20090413_040030_000000382078_00090_37218_6902.N1	13-APR-2009 04:00:30	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	37218	No
30	GOM_NL__2PRFIN20090413_040907_000000402078_00090_37218_6903.N1	13-APR-2009 04:09:07	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	37218	No
31	GOM_NL__2PRFIN20090413_042243_000000332078_00090_37218_6904.N1	13-APR-2009 04:22:43	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37218	No
32	GOM_NL__2PRFIN20090413_042428_000000362078_00090_37218_6905.N1	13-APR-2009 04:24:28	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	37218	No
33	GOM_NL__2PRFIN20090413_042655_000000342078_00090_37218_6906.N1	13-APR-2009 04:26:55	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	37218	No
34	GOM_NL__2PRFIN20090413_045458_000000542078_00091_37219_6913.N1	13-APR-2009 04:54:58	Dark	53.500	103	38Zet Sgr	2.6000	9700.0	107	37219	No
35	GOM_NL__2PRFIN20090413_045835_000000532078_00091_37219_6914.N1	13-APR-2009 04:58:35	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37219	No
36	GOM_NL__2PRFIN20090413_050237_000000522078_00091_37219_6915.N1	13-APR-2009 05:02:37	Dark	51.500	25	35Lam Sco	1.6200	28000.	103	37219	No
37	GOM_NL__2PRFIN20090413_050844_000000402078_00091_37219_6916.N1	13-APR-2009 05:08:44	Straylight	40.000	131	Gam Lup	2.8000	26000.	80	37219	No
38	GOM_NL__2PRFIN20090413_052129_000000352078_00091_37219_6917.N1	13-APR-2009 05:21:29	Bright	35.000	15	67Alp Vir	0.97600	28000.	70	37219	No
39	GOM_NL__2PRFIN20090413_053204_000000442078_00091_37219_6918.N1	13-APR-2009 05:32:04	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	37219	No
40	GOM_NL__2PRFIN20090413_054105_000000382078_00091_37219_6919.N1	13-APR-2009 05:41:05	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	37219	No
41	GOM_NL__2PRFIN20090413_054942_000000402078_00091_37219_6920.N1	13-APR-2009 05:49:42	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	37219	No
42	GOM_NL__2PRFIN20090413_060319_000000332078_00091_37219_6921.N1	13-APR-2009 06:03:19	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37219	No

43	GOM_NL__2PRFIN20090413_060504_000000362078_00091_37219_6922.N1	13-APR-2009 06:05:04	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	37219	No
44	GOM_NL__2PRFIN20090413_060731_000000352078_00091_37219_6923.N1	13-APR-2009 06:07:31	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	37219	No
45	GOM_NL__2PRFIN20090413_063535_000000542078_00092_37220_6927.N1	13-APR-2009 06:35:35	Dark	53.500	103	38Zet Sgr	2.6000	9700.0	107	37220	No
46	GOM_NL__2PRFIN20090413_063912_000000542078_00092_37220_6928.N1	13-APR-2009 06:39:12	Dark	53.500	38	20Eps Sgr	1.8360	11000.	107	37220	No
47	GOM_NL__2PRFIN20090413_064315_000000522078_00092_37220_6929.N1	13-APR-2009 06:43:15	Dark	51.500	25	35Lam Sco	1.6200	28000.	103	37220	No
48	GOM_NL__2PRFIN20090413_064921_000000412078_00092_37220_6930.N1	13-APR-2009 06:49:21	Straylight	40.500	131	Gam Lup	2.8000	26000.	81	37220	No
49	GOM_NL__2PRFIN20090413_070205_000000352078_00092_37220_6931.N1	13-APR-2009 07:02:05	Bright	35.000	15	67Alp Vir	0.97600	28000.	70	37220	No
50	GOM_NL__2PRFIN20090413_071240_000000442078_00092_37220_6932.N1	13-APR-2009 07:12:40	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	37220	No
51	GOM_NL__2PRFIN20090413_072141_000000382078_00092_37220_6933.N1	13-APR-2009 07:21:41	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	37220	No
52	GOM_NL__2PRFIN20090413_073017_000000402078_00092_37220_6934.N1	13-APR-2009 07:30:17	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	37220	No
53	GOM_NL__2PRFIN20090413_074354_000000342078_00092_37220_6935.N1	13-APR-2009 07:43:54	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	37220	No
54	GOM_NL__2PRFIN20090413_074540_000000362078_00092_37220_6936.N1	13-APR-2009 07:45:40	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	37220	No
55	GOM_NL__2PRFIN20090413_074807_000000352078_00092_37220_6937.N1	13-APR-2009 07:48:07	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	37220	No
56	GOM_NL__2PRFIN20090413_081613_000000542078_00093_37221_6927.N1	13-APR-2009 08:16:13	Dark	54.000	103	38Zet Sgr	2.6000	9700.0	108	37221	No
57	GOM_NL__2PRFIN20090413_081950_000000542078_00093_37221_6928.N1	13-APR-2009 08:19:50	Dark	53.500	38	20Eps Sgr	1.8360	11000.	107	37221	No
58	GOM_NL__2PRFIN20090413_082352_000000522078_00093_37221_6929.N1	13-APR-2009 08:23:52	Dark	52.000	25	35Lam Sco	1.6200	28000.	104	37221	No
59	GOM_NL__2PRFIN20090413_082957_000000402078_00093_37221_6930.N1	13-APR-2009 08:29:57	Straylight	40.000	131	Gam Lup	2.8000	26000.	80	37221	No
60	GOM_NL__2PRFIN20090413_084241_000000352078_00093_37221_6931.N1	13-APR-2009 08:42:41	Bright	35.000	15	67Alp Vir	0.97600	28000.	70	37221	No
61	GOM_NL__2PRFIN20090413_085315_000000442078_00093_37221_6932.N1	13-APR-2009 08:53:15	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	37221	No
62	GOM_NL__2PRFIN20090413_090216_000000392078_00093_37221_6933.N1	13-APR-2009 09:02:16	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	37221	No
63	GOM_NL__2PRFIN20090413_091052_000000402078_00093_37221_6934.N1	13-APR-2009 09:10:52	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	37221	No
64	GOM_NL__2PRFIN20090413_092430_000000332078_00093_37221_6935.N1	13-APR-2009 09:24:30	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37221	No
65	GOM_NL__2PRFIN20090413_092616_000000362078_00093_37221_6936.N1	13-APR-2009 09:26:16	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	37221	No
66	GOM_NL__2PRFIN20090413_092843_000000342078_00093_37221_6937.N1	13-APR-2009 09:28:43	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	37221	No
67	GOM_NL__2PRFIN20090413_095650_000000542078_00094_37222_6952.N1	13-APR-2009 09:56:50	Dark	53.500	103	38Zet Sgr	2.6000	9700.0	107	37222	No
68	GOM_NL__2PRFIN20090413_100027_000000532078_00094_37222_6953.N1	13-APR-2009 10:00:27	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37222	No
69	GOM_NL__2PRFIN20090413_100259_000000402078_00094_37222_6954.N1	13-APR-2009 10:02:59	Dark	40.000	147	Alp Ara	2.8770	26000.	80	37222	No
70	GOM_NL__2PRFIN20090413_100429_000000522078_00094_37222_6955.N1	13-APR-2009 10:04:29	Dark	51.500	25	35Lam Sco	1.6200	28000.	103	37222	No
71	GOM_NL__2PRFIN20090413_101034_000000402078_00094_37222_6956.N1	13-APR-2009 10:10:34	Straylight	40.000	131	Gam Lup	2.8000	26000.	80	37222	No
72	GOM_NL__2PRFIN20090413_102317_000000352078_00094_37222_6957.N1	13-APR-2009 10:23:17	Bright	34.500	15	67Alp Vir	0.97600	28000.	69	37222	No
73	GOM_NL__2PRFIN20090413_103350_000000442078_00094_37222_6958.N1	13-APR-2009 10:33:50	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	37222	No
74	GOM_NL__2PRFIN20090413_104251_000000382078_00094_37222_6959.N1	13-APR-2009 10:42:51	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	37222	No
75	GOM_NL__2PRFIN20090413_105128_000000402078_00094_37222_6960.N1	13-APR-2009 10:51:28	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	37222	No
76	GOM_NL__2PRFIN20090413_110506_000000332078_00094_37222_6961.N1	13-APR-2009 11:05:06	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37222	No
77	GOM_NL__2PRFIN20090413_110652_000000362078_00094_37222_6962.N1	13-APR-2009 11:06:52	Tw_i_and_stray	35.500	66	37Gam Cyg	2.2080	5900.0	71	37222	No
78	GOM_NL__2PRFIN20090413_110919_000000342078_00094_37222_6963.N1	13-APR-2009 11:09:19	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	37222	No
79	GOM_NL__2PRFIN20090413_113728_000000532078_00095_37223_6966.N1	13-APR-2009 11:37:28	Dark	53.000	103	38Zet Sgr	2.6000	9700.0	106	37223	No
80	GOM_NL__2PRFIN20090413_114104_000000532078_00095_37223_6967.N1	13-APR-2009 11:41:04	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37223	No
81	GOM_NL__2PRFIN20090413_114336_000000322078_00095_37223_6968.N1	13-APR-2009 11:43:36	Dark	32.000	147	Alp Ara	2.8770	26000.	64	37223	No
82	GOM_NL__2PRFIN20090413_114506_000000522078_00095_37223_6969.N1	13-APR-2009 11:45:06	Dark	51.500	25	35Lam Sco	1.6200	28000.	103	37223	No
83	GOM_NL__2PRFIN20090413_115111_000000392078_00095_37223_6970.N1	13-APR-2009 11:51:11	Straylight	39.000	131	Gam Lup	2.8000	26000.	78	37223	No
84	GOM_NL__2PRFIN20090413_120353_000000352078_00095_37223_6971.N1	13-APR-2009 12:03:53	Bright	34.500	15	67Alp Vir	0.97600	28000.	69	37223	No
85	GOM_NL__2PRFIN20090413_121426_000000432078_00095_37223_6972.N1	13-APR-2009 12:14:26	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	37223	No
86	GOM_NL__2PRFIN20090413_122327_000000382078_00095_37223_6973.N1	13-APR-2009 12:23:27	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	37223	No
87	GOM_NL__2PRFIN20090413_123203_000000392078_00095_37223_6974.N1	13-APR-2009 12:32:03	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	37223	No
88	GOM_NL__2PRFIN20090413_124542_000000332078_00095_37223_6975.N1	13-APR-2009 12:45:42	Bright	32.500	19	50Alp Cyg	1.2460	10500.	65	37223	No
89	GOM_NL__2PRFIN20090413_124728_000000362078_00095_37223_6976.N1	13-APR-2009 12:47:28	Tw_i_and_stray	35.500	66	37Gam Cyg	2.2080	5900.0	71	37223	No
90	GOM_NL__2PRFIN20090413_124955_000000342078_00095_37223_6977.N1	13-APR-2009 12:49:55	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	37223	No
91	GOM_NL__2PRFIN20090413_131805_000000532078_00096_37224_7016.N1	13-APR-2009 13:18:05	Dark	53.000	103	38Zet Sgr	2.6000	9700.0	106	37224	No
92	GOM_NL__2PRFIN20090413_132142_000000532078_00096_37224_7017.N1	13-APR-2009 13:21:42	Dark	52.500	38	20Eps Sgr	1.8360	11000.	105	37224	No
93	GOM_NL__2PRFIN20090413_132413_000000392078_00096_37224_7018.N1	13-APR-2009 13:24:13	Dark	39.000	147	Alp Ara	2.8770	26000.	78	37224	No
94	GOM_NL__2PRFIN20090413_132544_000000512078_00096_37224_7019.N1	13-APR-2009 13:25:44	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37224	No
95	GOM_NL__2PRFIN20090413_133147_000000392078_00096_37224_7020.N1	13-APR-2009 13:31:47	Straylight	38.500	131	Gam Lup	2.8000	26000.	77	37224	No
96	GOM_NL__2PRFIN20090413_134429_000000352078_00096_37224_7021.N1	13-APR-2009 13:44:29	Bright	34.500	15	67Alp Vir	0.97600	28000.	69	37224	No
97	GOM_NL__2PRFIN20090413_135501_000000432078_00096_37224_7022.N1	13-APR-2009 13:55:01	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	37224	No
98	GOM_NL__2PRFIN20090413_140402_000000382078_00096_37224_7023.N1	13-APR-2009 14:04:02	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	37224	No
99	GOM_NL__2PRFIN20090413_141238_000000392078_00096_37224_7024.N1	13-APR-2009 14:12:38	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	37224	No
100	GOM_NL__2PRFIN20090413_142618_000000332078_00096_37224_7025.N1	13-APR-2009 14:26:18	Bright	32.500	19	50Alp Cyg	1.2460	10500.	65	37224	No
101	GOM_NL__2PRFIN20090413_142803_000000362078_00096_37224_7026.N1	13-APR-2009 14:28:03	Tw_i_and_stray	35.500	66	37Gam Cyg	2.2080	5900.0	71	37224	No

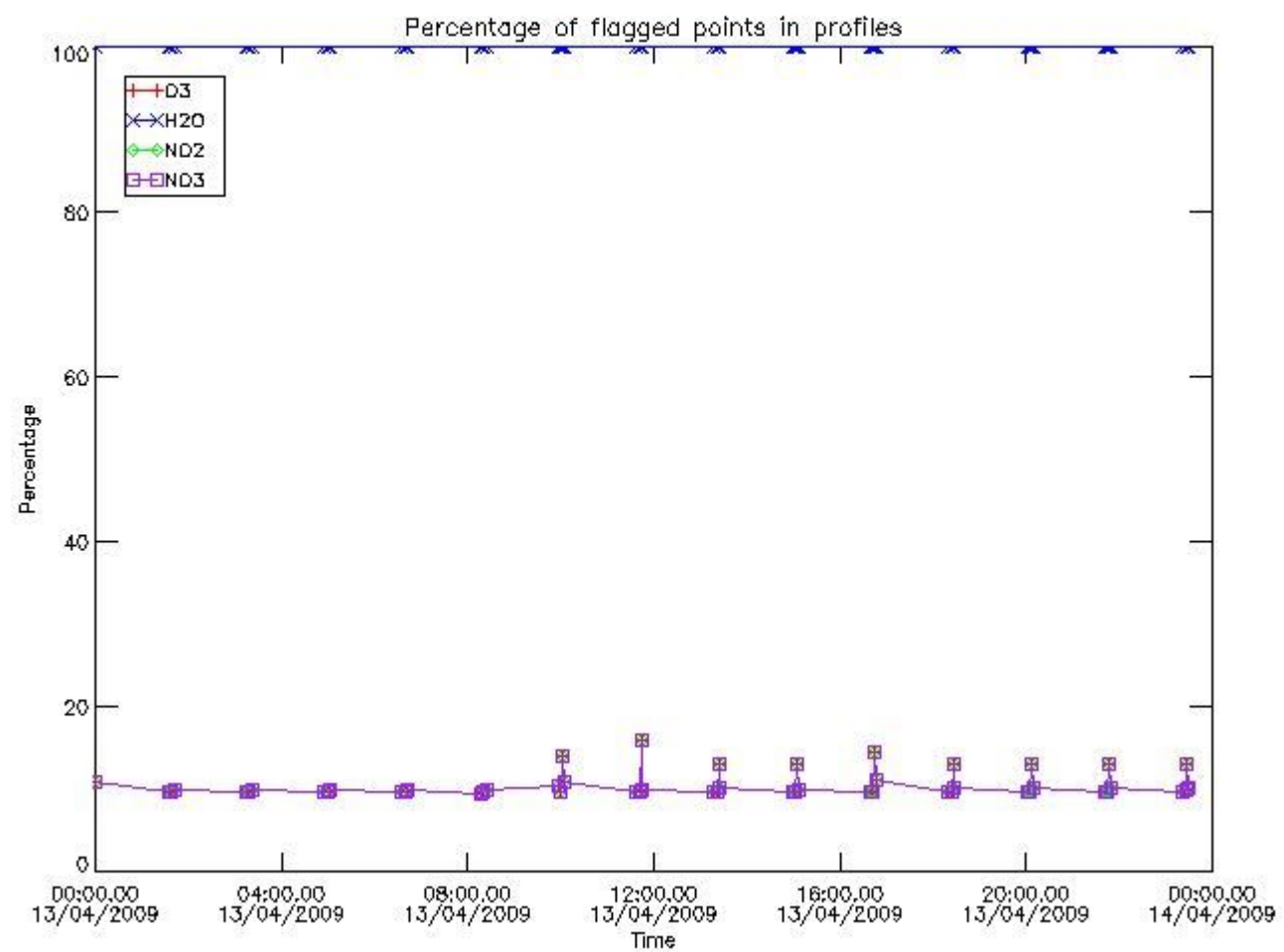
102	GOM_NL__2PRFIN20090413_143031_000000342078_00096_37224_7027.N1	13-APR-2009 14:30:31	Twilight	33.500	92	53Eps Cyg	2.5000	4500.0	67	37224	No
103	GOM_NL__2PRFIN20090413_145843_000000532078_00097_37225_7038.N1	13-APR-2009 14:58:43	Dark	52.500	103	38Zet Sgr	2.6000	9700.0	105	37225	No
104	GOM_NL__2PRFIN20090413_150219_000000532078_00097_37225_7039.N1	13-APR-2009 15:02:19	Dark	52.500	38	20Eps Sgr	1.8360	11000.	105	37225	No
105	GOM_NL__2PRFIN20090413_150450_000000402078_00097_37225_7040.N1	13-APR-2009 15:04:50	Dark	39.500	147	Alp Ara	2.8770	26000.	79	37225	No
106	GOM_NL__2PRFIN20090413_150621_000000512078_00097_37225_7041.N1	13-APR-2009 15:06:21	Dark	51.000	25	35Lam Sco	1.6200	28000.	102	37225	No
107	GOM_NL__2PRFIN20090413_151224_000000392078_00097_37225_7042.N1	13-APR-2009 15:12:24	Straylight	39.000	131	Gam Lup	2.8000	26000.	78	37225	No
108	GOM_NL__2PRFIN20090413_152509_000000302078_00097_37225_7043.N1	13-APR-2009 15:25:09	Bright	30.000	15	67Alp Vir	0.97600	28000.	60	37225	No
109	GOM_NL__2PRFIN20090413_153536_000000432078_00097_37225_7044.N1	13-APR-2009 15:35:36	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	37225	No
110	GOM_NL__2PRFIN20090413_154438_000000382078_00097_37225_7045.N1	13-APR-2009 15:44:38	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	37225	No
111	GOM_NL__2PRFIN20090413_155313_000000392078_00097_37225_7046.N1	13-APR-2009 15:53:13	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	37225	No
112	GOM_NL__2PRFIN20090413_160654_000000332078_00097_37225_7047.N1	13-APR-2009 16:06:54	Bright	32.500	19	50Alp Cyg	1.2460	10500.	65	37225	No
113	GOM_NL__2PRFIN20090413_160839_000000352078_00097_37225_7048.N1	13-APR-2009 16:08:39	Twilight	35.000	66	37Gam Cyg	2.2080	5900.0	70	37225	No
114	GOM_NL__2PRFIN20090413_161107_000000342078_00097_37225_7049.N1	13-APR-2009 16:11:07	Twilight	33.500	92	53Eps Cyg	2.5000	4500.0	67	37225	No
115	GOM_NL__2PRFIN20090413_163920_000000532078_00098_37226_7052.N1	13-APR-2009 16:39:20	Dark	52.500	103	38Zet Sgr	2.6000	9700.0	105	37226	No
116	GOM_NL__2PRFIN20090413_164257_000000532078_00098_37226_7053.N1	13-APR-2009 16:42:57	Dark	52.500	38	20Eps Sgr	1.8360	11000.	105	37226	No
117	GOM_NL__2PRFIN20090413_164527_000000392078_00098_37226_7054.N1	13-APR-2009 16:45:27	Dark	39.000	147	Alp Ara	2.8770	26000.	78	37226	No
118	GOM_NL__2PRFIN20090413_164658_000000512078_00098_37226_7055.N1	13-APR-2009 16:46:58	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37226	No
119	GOM_NL__2PRFIN20090413_165300_000000392078_00098_37226_7056.N1	13-APR-2009 16:53:00	Straylight	38.500	131	Gam Lup	2.8000	26000.	77	37226	No
120	GOM_NL__2PRFIN20090413_171612_000000432078_00098_37226_7057.N1	13-APR-2009 17:16:12	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	37226	No
121	GOM_NL__2PRFIN20090413_172513_000000372078_00098_37226_7058.N1	13-APR-2009 17:25:13	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	37226	No
122	GOM_NL__2PRFIN20090413_173349_000000392078_00098_37226_7059.N1	13-APR-2009 17:33:49	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	37226	No
123	GOM_NL__2PRFIN20090413_174729_000000332078_00098_37226_7060.N1	13-APR-2009 17:47:29	Bright	32.500	19	50Alp Cyg	1.2460	10500.	65	37226	No
124	GOM_NL__2PRFIN20090413_174915_000000352078_00098_37226_7061.N1	13-APR-2009 17:49:15	Twilight	35.000	66	37Gam Cyg	2.2080	5900.0	70	37226	No
125	GOM_NL__2PRFIN20090413_175143_000000342078_00098_37226_7062.N1	13-APR-2009 17:51:43	Twilight	33.500	92	53Eps Cyg	2.5000	4500.0	67	37226	No
126	GOM_NL__2PRFIN20090413_181958_000000532078_00099_37227_7071.N1	13-APR-2009 18:19:58	Dark	53.000	103	38Zet Sgr	2.6000	9700.0	106	37227	No
127	GOM_NL__2PRFIN20090413_182334_000000532078_00099_37227_7072.N1	13-APR-2009 18:23:34	Dark	52.500	38	20Eps Sgr	1.8360	11000.	105	37227	No
128	GOM_NL__2PRFIN20090413_182603_000000392078_00099_37227_7073.N1	13-APR-2009 18:26:03	Dark	39.000	147	Alp Ara	2.8770	26000.	78	37227	No
129	GOM_NL__2PRFIN20090413_182736_000000512078_00099_37227_7074.N1	13-APR-2009 18:27:36	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37227	No
130	GOM_NL__2PRFIN20090413_183337_000000392078_00099_37227_7075.N1	13-APR-2009 18:33:37	Straylight	39.000	131	Gam Lup	2.8000	26000.	78	37227	No
131	GOM_NL__2PRFIN20090413_185647_000000432078_00099_37227_7076.N1	13-APR-2009 18:56:47	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	37227	No
132	GOM_NL__2PRFIN20090413_190548_000000372078_00099_37227_7077.N1	13-APR-2009 19:05:48	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	37227	No
133	GOM_NL__2PRFIN20090413_191424_000000392078_00099_37227_7078.N1	13-APR-2009 19:14:24	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	37227	No
134	GOM_NL__2PRFIN20090413_192805_000000332078_00099_37227_7079.N1	13-APR-2009 19:28:05	Bright	32.500	19	50Alp Cyg	1.2460	10500.	65	37227	No
135	GOM_NL__2PRFIN20090413_192951_000000362078_00099_37227_7080.N1	13-APR-2009 19:29:51	Twilight	35.500	66	37Gam Cyg	2.2080	5900.0	71	37227	No
136	GOM_NL__2PRFIN20090413_193219_000000342078_00099_37227_7081.N1	13-APR-2009 19:32:19	Twilight	33.500	92	53Eps Cyg	2.5000	4500.0	67	37227	No
137	GOM_NL__2PRFIN20090413_200035_000000532078_00100_37228_7087.N1	13-APR-2009 20:00:35	Dark	53.000	103	38Zet Sgr	2.6000	9700.0	106	37228	No
138	GOM_NL__2PRFIN20090413_200412_000000532078_00100_37228_7088.N1	13-APR-2009 20:04:12	Dark	52.500	38	20Eps Sgr	1.8360	11000.	105	37228	No
139	GOM_NL__2PRFIN20090413_200640_000000402078_00100_37228_7089.N1	13-APR-2009 20:06:40	Dark	39.500	147	Alp Ara	2.8770	26000.	79	37228	No
140	GOM_NL__2PRFIN20090413_200813_000000502078_00100_37228_7090.N1	13-APR-2009 20:08:13	Dark	50.000	25	35Lam Sco	1.6200	28000.	100	37228	No
141	GOM_NL__2PRFIN20090413_201414_000000392078_00100_37228_7091.N1	13-APR-2009 20:14:14	Straylight	39.000	131	Gam Lup	2.8000	26000.	78	37228	No
142	GOM_NL__2PRFIN20090413_203722_000000432078_00100_37228_7092.N1	13-APR-2009 20:37:22	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	37228	No
143	GOM_NL__2PRFIN20090413_204624_000000382078_00100_37228_7093.N1	13-APR-2009 20:46:24	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	37228	No
144	GOM_NL__2PRFIN20090413_205459_000000392078_00100_37228_7094.N1	13-APR-2009 20:54:59	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	37228	No
145	GOM_NL__2PRFIN20090413_210841_000000332078_00100_37228_7095.N1	13-APR-2009 21:08:41	Bright	32.500	19	50Alp Cyg	1.2460	10500.	65	37228	No
146	GOM_NL__2PRFIN20090413_211027_000000362078_00100_37228_7096.N1	13-APR-2009 21:10:27	Twilight	35.500	66	37Gam Cyg	2.2080	5900.0	71	37228	No
147	GOM_NL__2PRFIN20090413_211255_000000342078_00100_37228_7097.N1	13-APR-2009 21:12:55	Twilight	33.500	92	53Eps Cyg	2.5000	4500.0	67	37228	No
148	GOM_NL__2PRFIN20090413_214113_000000532078_00101_37229_7107.N1	13-APR-2009 21:41:13	Dark	53.000	103	38Zet Sgr	2.6000	9700.0	106	37229	No
149	GOM_NL__2PRFIN20090413_214449_000000532078_00101_37229_7108.N1	13-APR-2009 21:44:49	Dark	52.500	38	20Eps Sgr	1.8360	11000.	105	37229	No
150	GOM_NL__2PRFIN20090413_214717_000000392078_00101_37229_7109.N1	13-APR-2009 21:47:17	Dark	39.000	147	Alp Ara	2.8770	26000.	78	37229	No
151	GOM_NL__2PRFIN20090413_214850_000000512078_00101_37229_7110.N1	13-APR-2009 21:48:50	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37229	No
152	GOM_NL__2PRFIN20090413_215450_000000392078_00101_37229_7111.N1	13-APR-2009 21:54:50	Straylight	39.000	131	Gam Lup	2.8000	26000.	78	37229	No
153	GOM_NL__2PRFIN20090413_221758_000000432078_00101_37229_7112.N1	13-APR-2009 22:17:58	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	37229	No
154	GOM_NL__2PRFIN20090413_222659_000000372078_00101_37229_7113.N1	13-APR-2009 22:26:59	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	37229	No
155	GOM_NL__2PRFIN20090413_223534_000000392078_00101_37229_7114.N1	13-APR-2009 22:35:34	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	37229	No
156	GOM_NL__2PRFIN20090413_224917_000000332078_00101_37229_7115.N1	13-APR-2009 22:49:17	Bright	32.500	19	50Alp Cyg	1.2460	10500.	65	37229	No
157	GOM_NL__2PRFIN20090413_225103_000000362078_00101_37229_7116.N1	13-APR-2009 22:51:03	Twilight	35.500	66	37Gam Cyg	2.2080	5900.0	71	37229	No
158	GOM_NL__2PRFIN20090413_225331_000000332078_00101_37229_7117.N1	13-APR-2009 22:53:31	Twilight	33.000	92	53Eps Cyg	2.5000	4500.0	66	37229	No
159	GOM_NL__2PRFIN20090413_232150_000000532078_00102_37230_7122.N1	13-APR-2009 23:21:50	Dark	52.500	103	38Zet Sgr	2.6000	9700.0	105	37230	No
160	GOM_NL__2PRFIN20090413_232526_000000522078_00102_37230_7123.N1	13-APR-2009 23:25:26	Dark	52.000	38	20Eps Sgr	1.8360	11000.	104	37230	No

161	GOM_NL__2PRFIN20090413_232754_000000392078_00102_37230_7124.N1	13-APR-2009 23:27:54	Dark	39.000	147	Alp Ara	2.8770	26000.	78	37230	No
162	GOM_NL__2PRFIN20090413_232927_000000512078_00102_37230_7125.N1	13-APR-2009 23:29:27	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37230	No
163	GOM_NL__2PRFIN20090413_233527_000000392078_00102_37230_7126.N1	13-APR-2009 23:35:27	Straylight	39.000	131	Gam Lup	2.8000	26000.	78	37230	No
164	GOM_NL__2PRFIN20090413_235833_000000422078_00102_37230_7127.N1	13-APR-2009 23:58:33	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	37230	No

3. Quality information per product

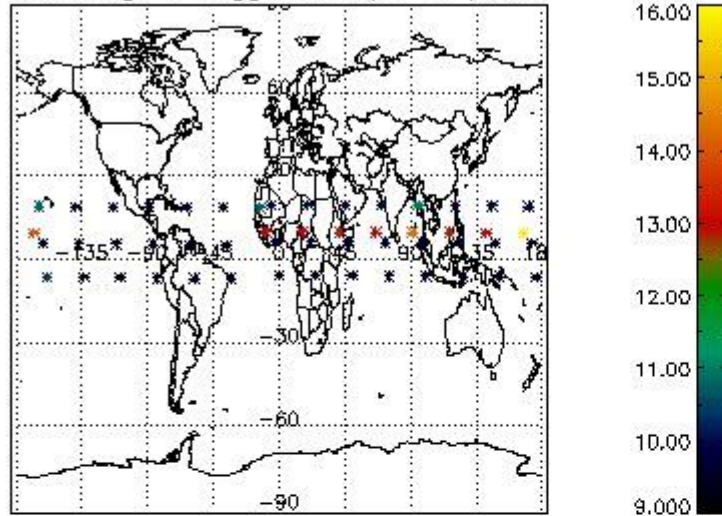
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

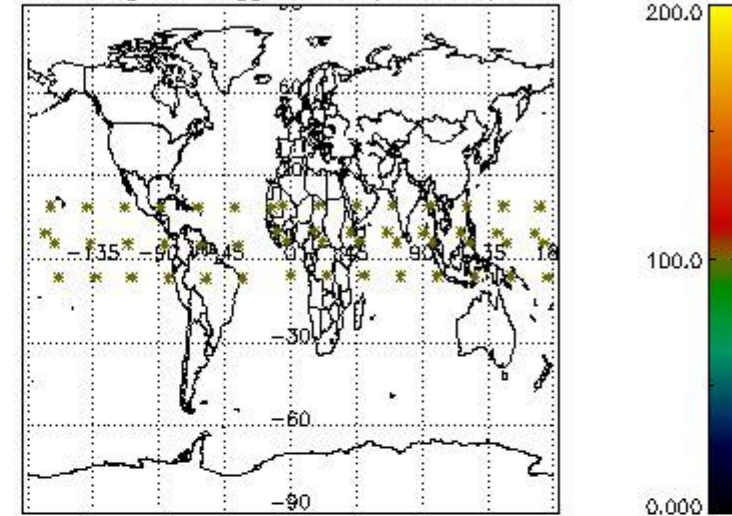


3.2 Plot quality information per product (world map)

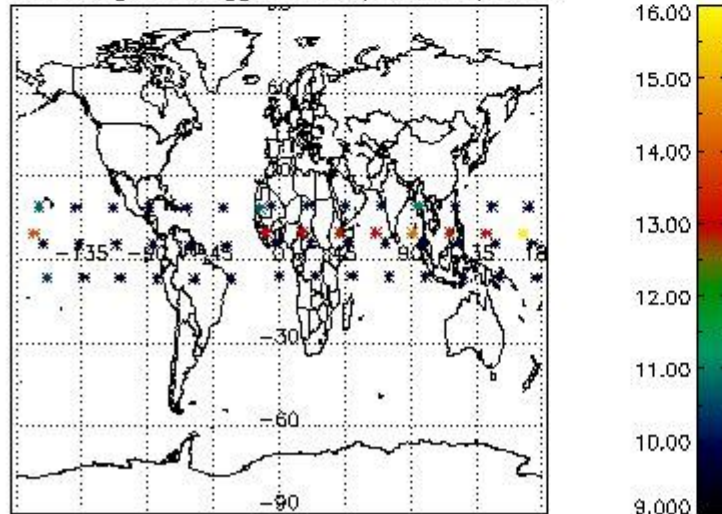
Percentage of flagged data per O3 profile



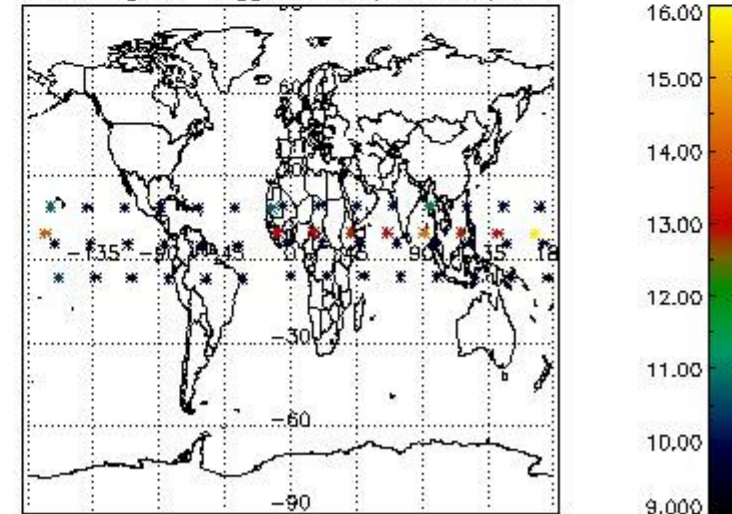
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

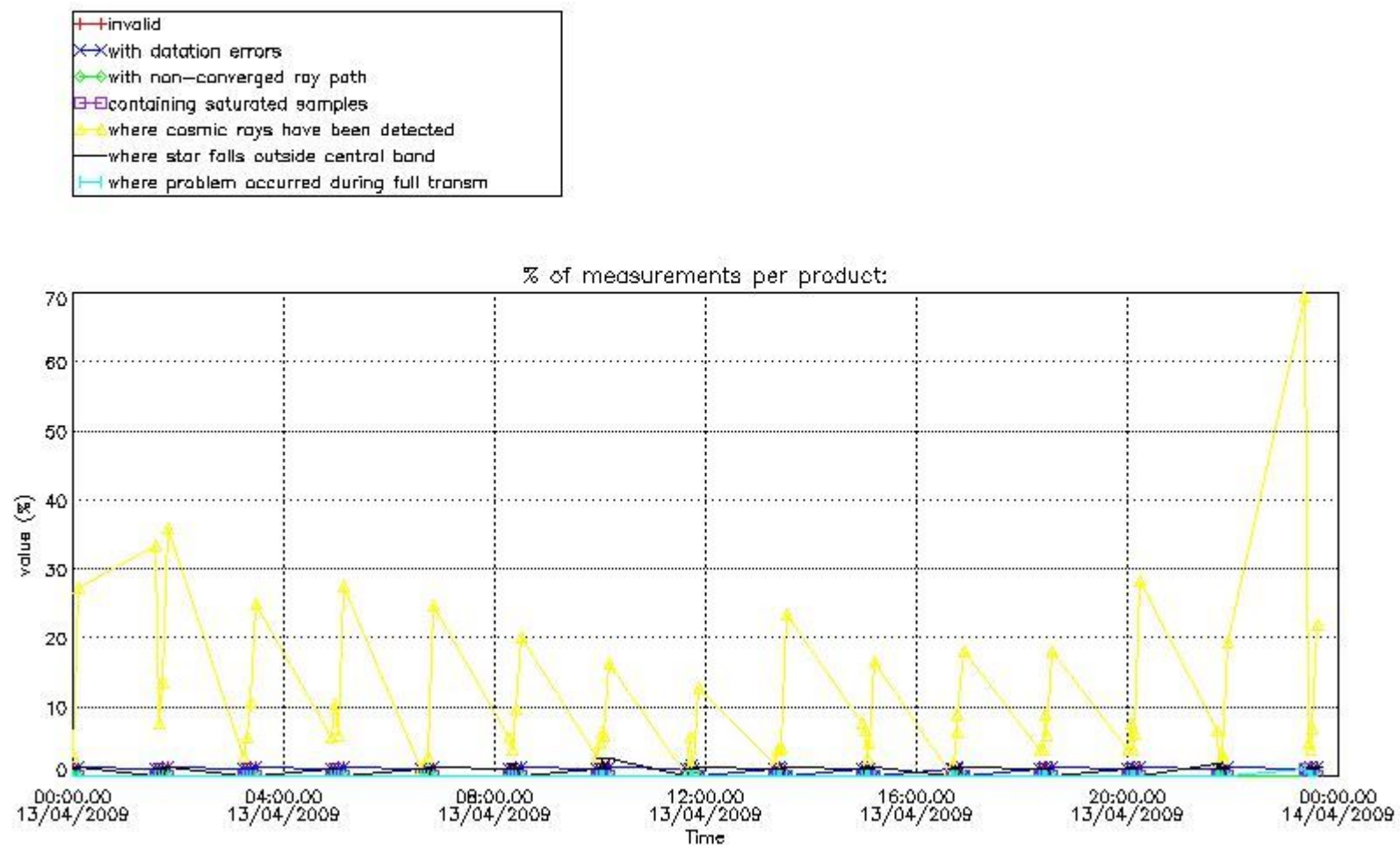


4. Level 1 quality information per product

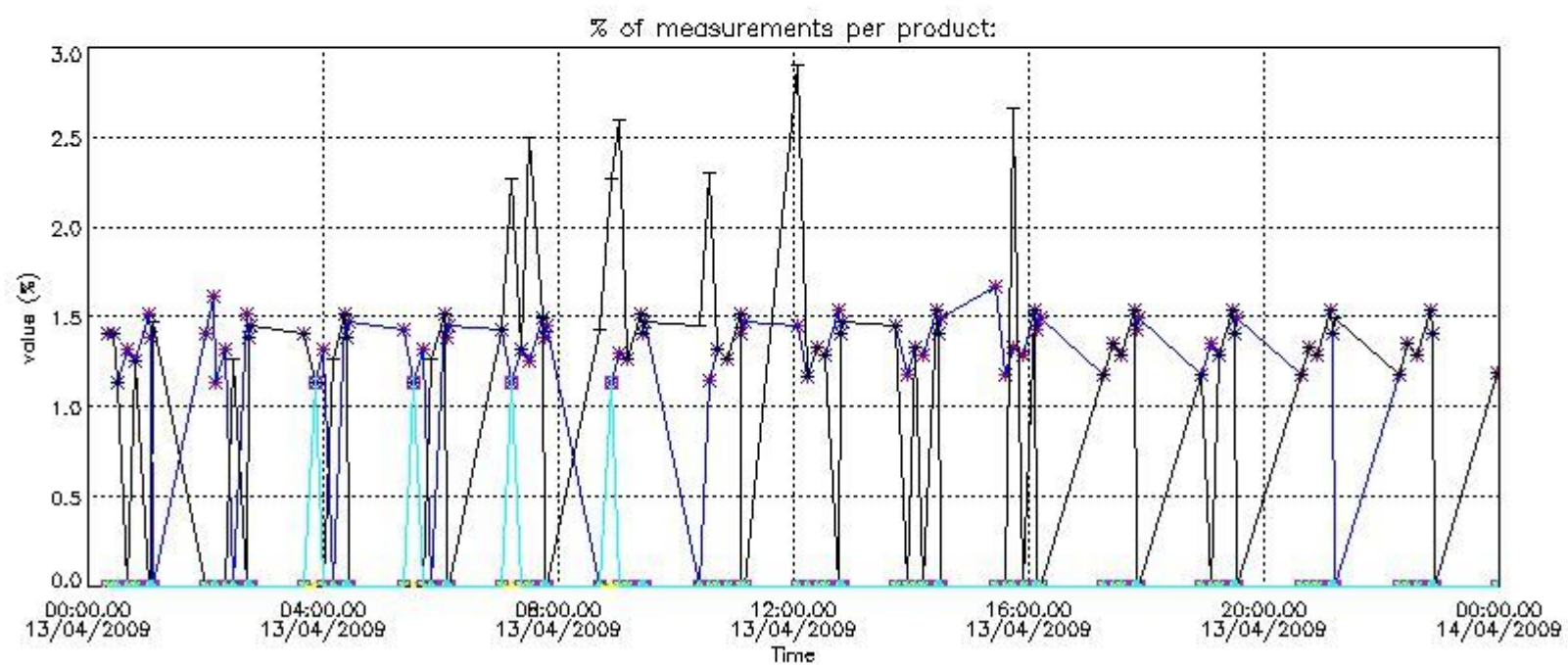
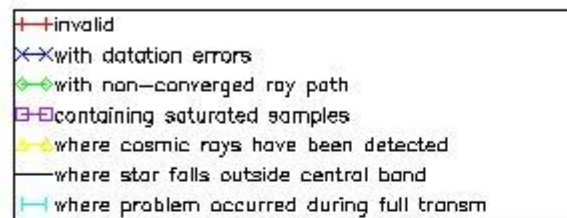
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



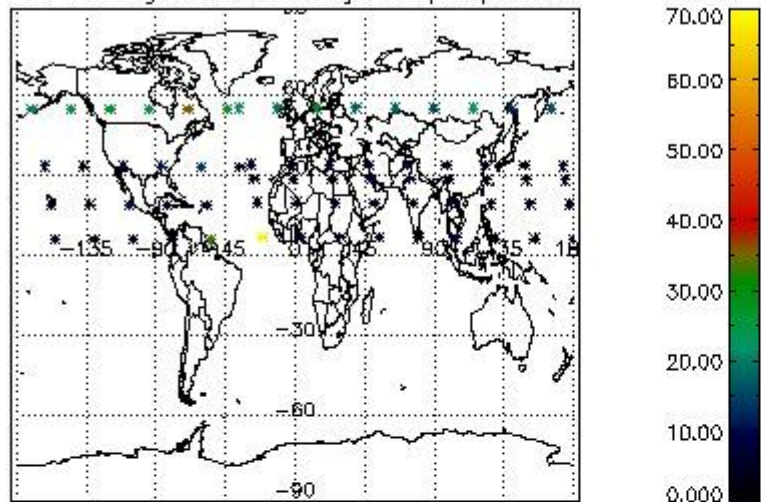
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



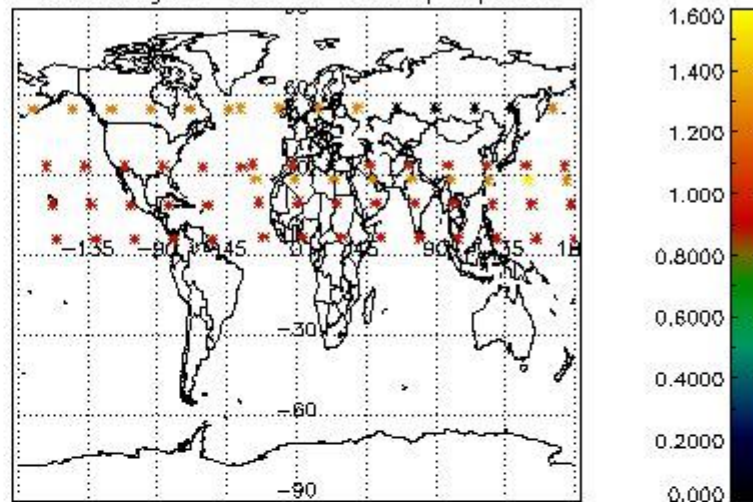
4.2 Plot quality information per product coming from level 1b processing (world map)

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

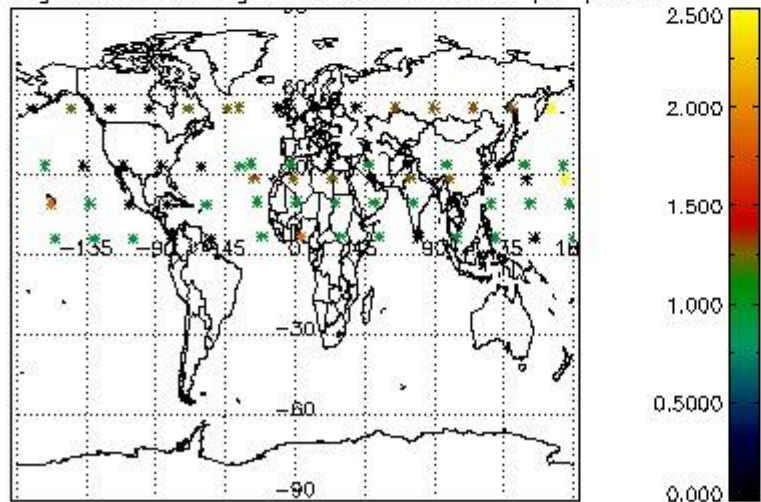
Percentage of cosmic ray hits per profile



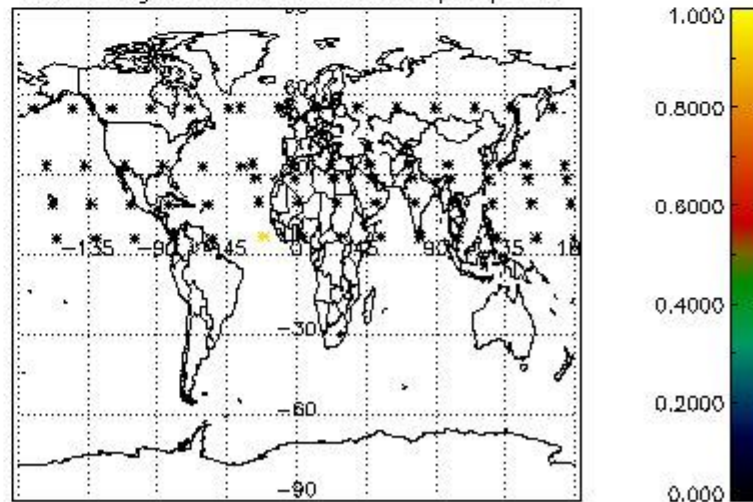
Percentage of datation errors per profile



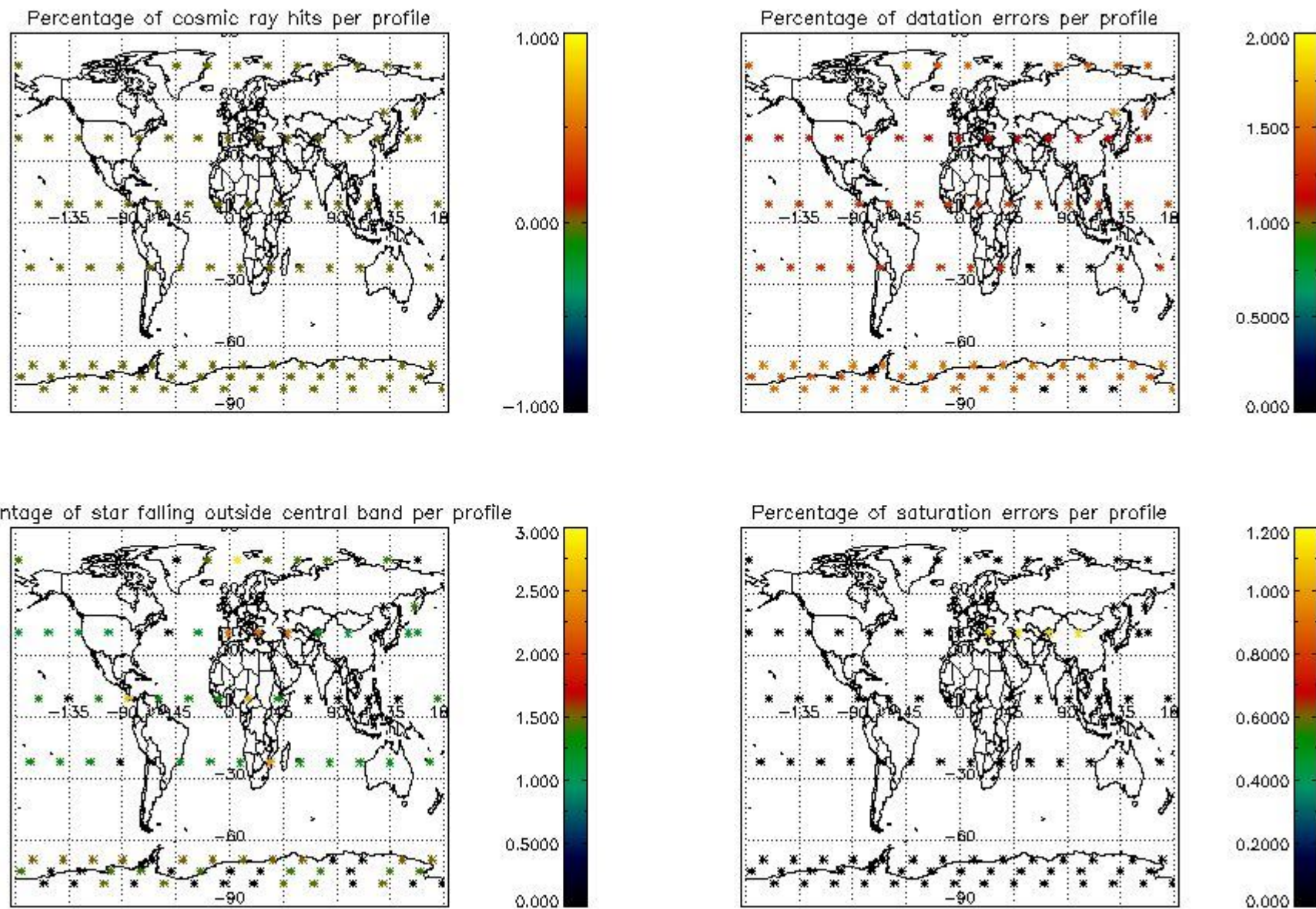
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

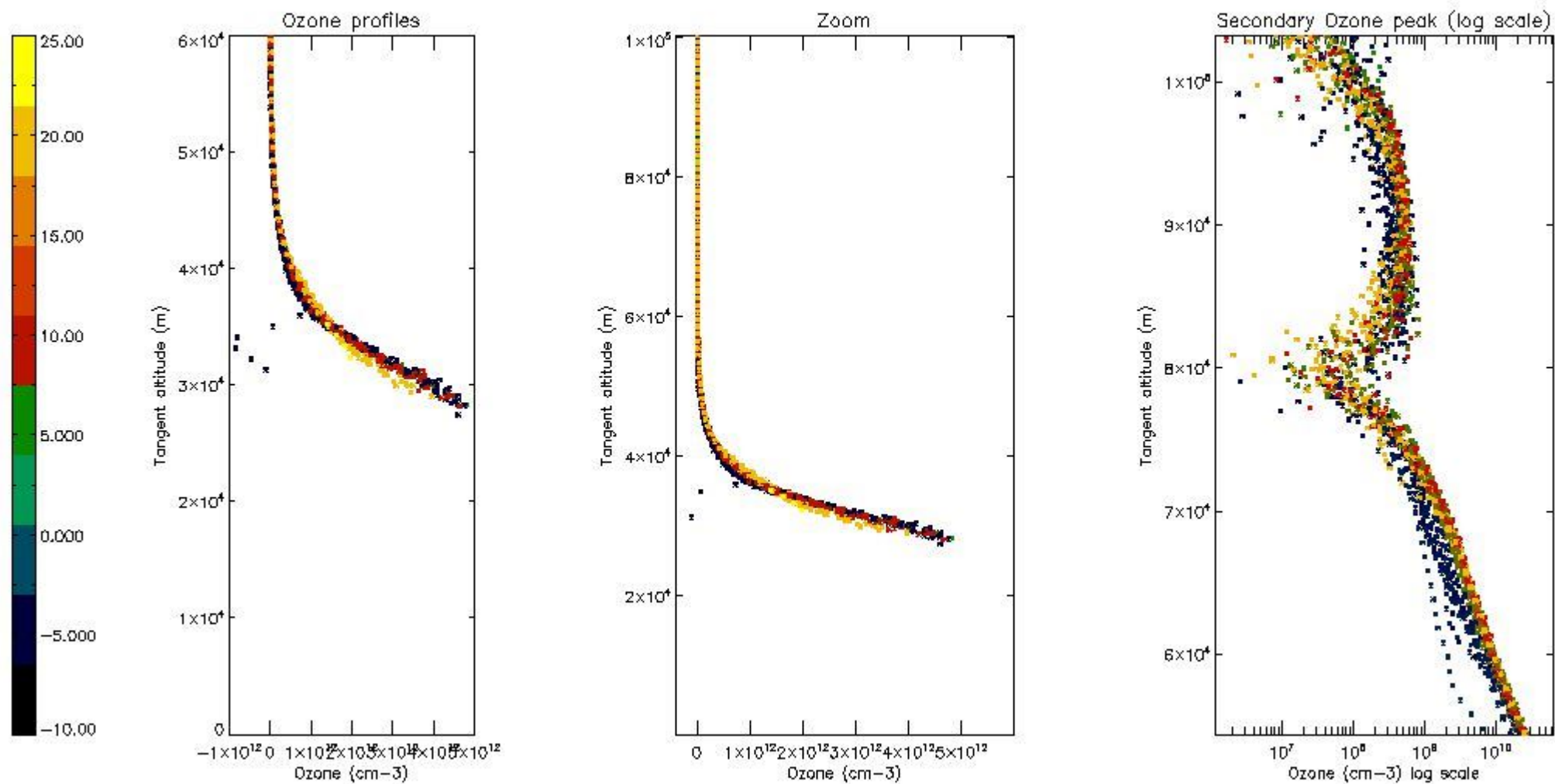
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	39
STD < 20	24

STD < 10	20
STD < 5	15

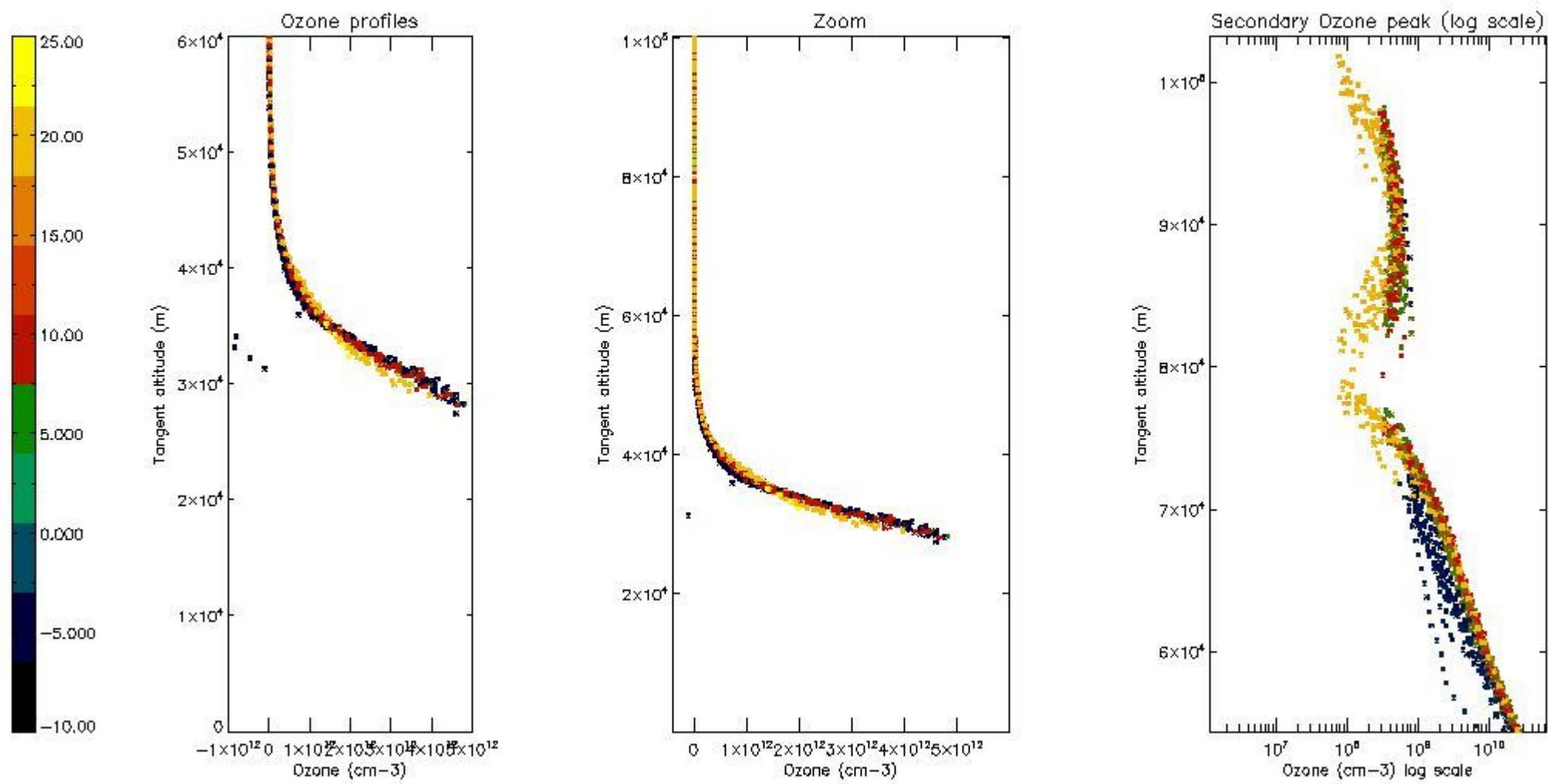
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



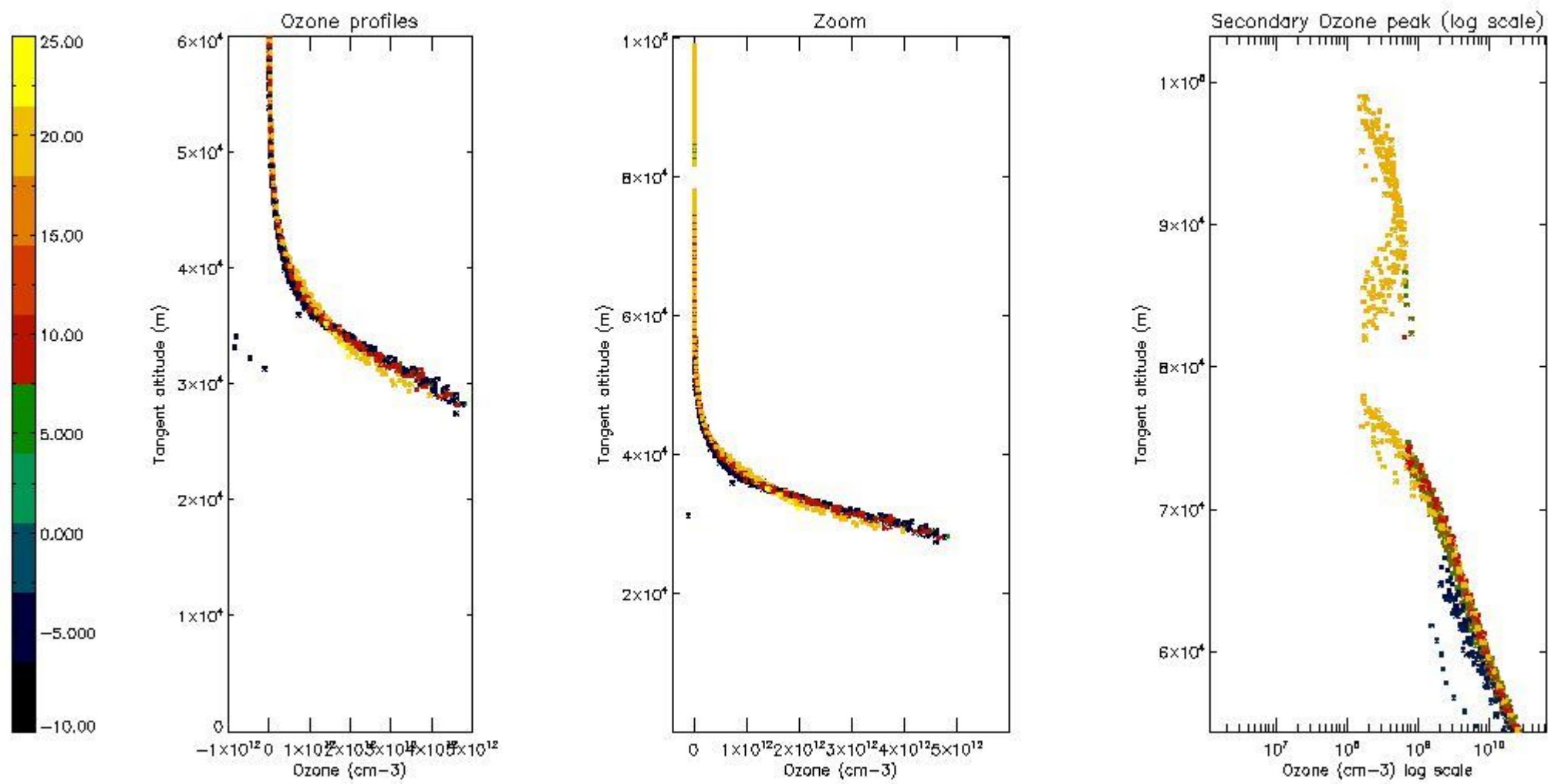
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



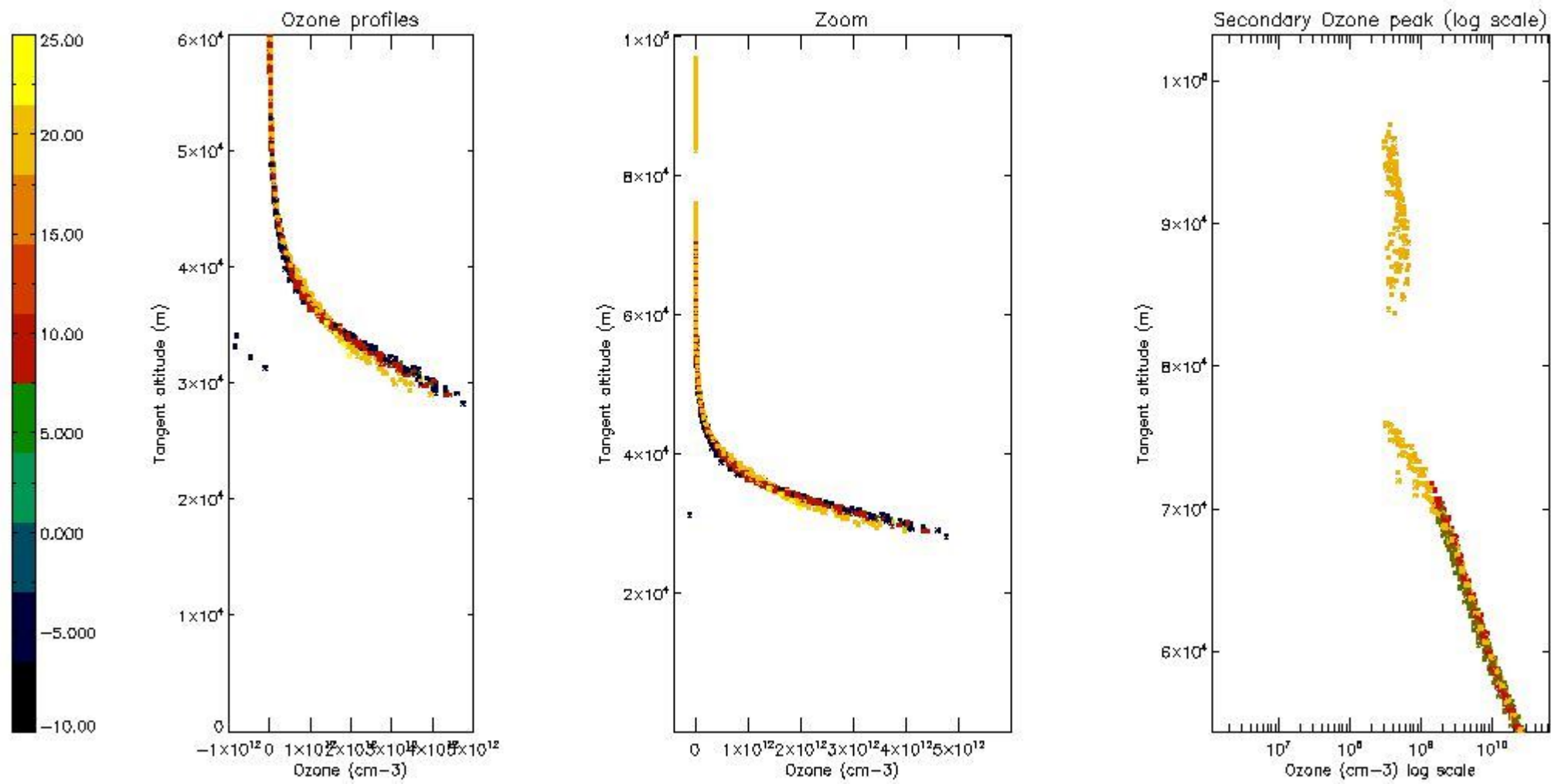
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



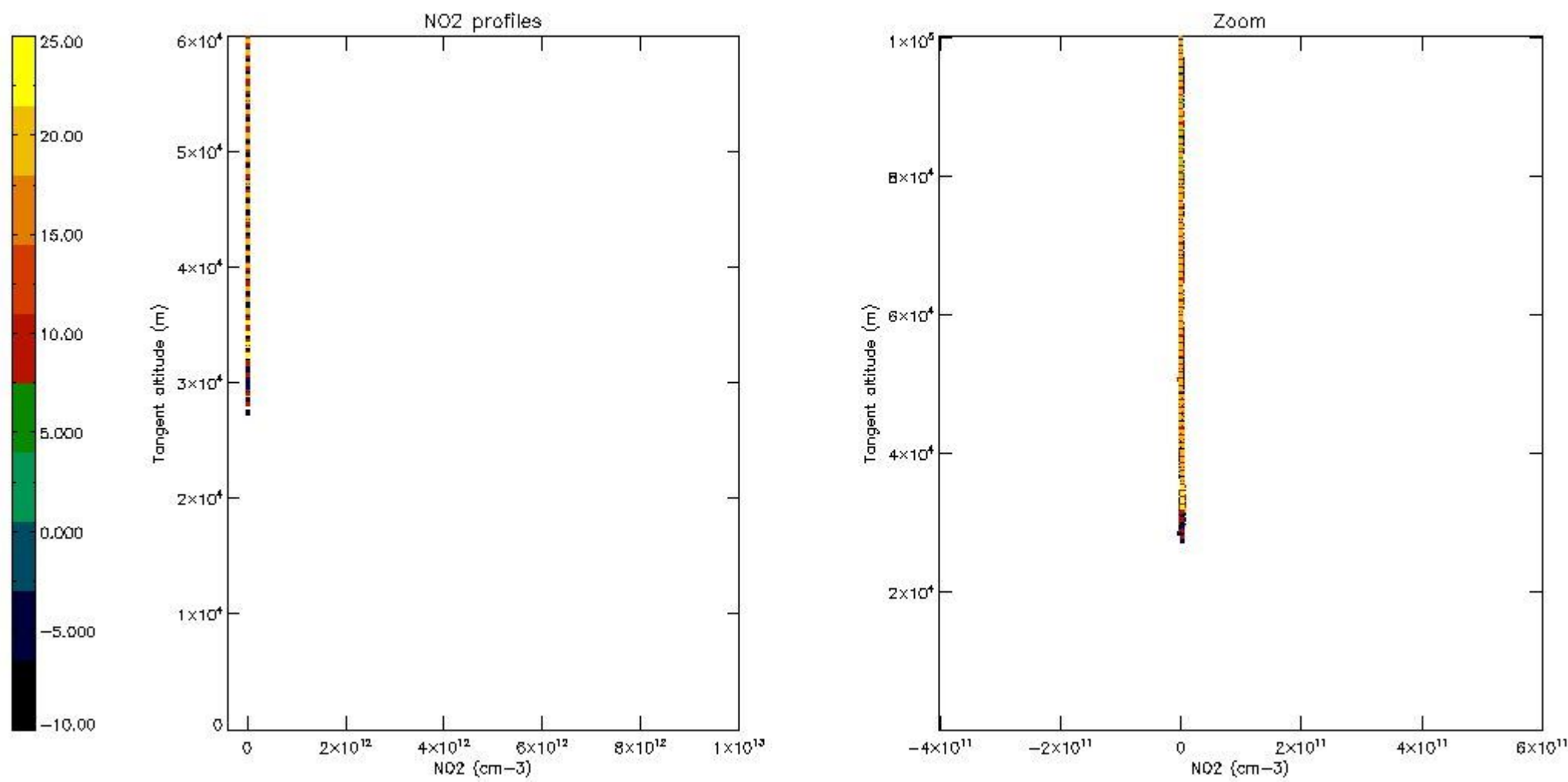
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



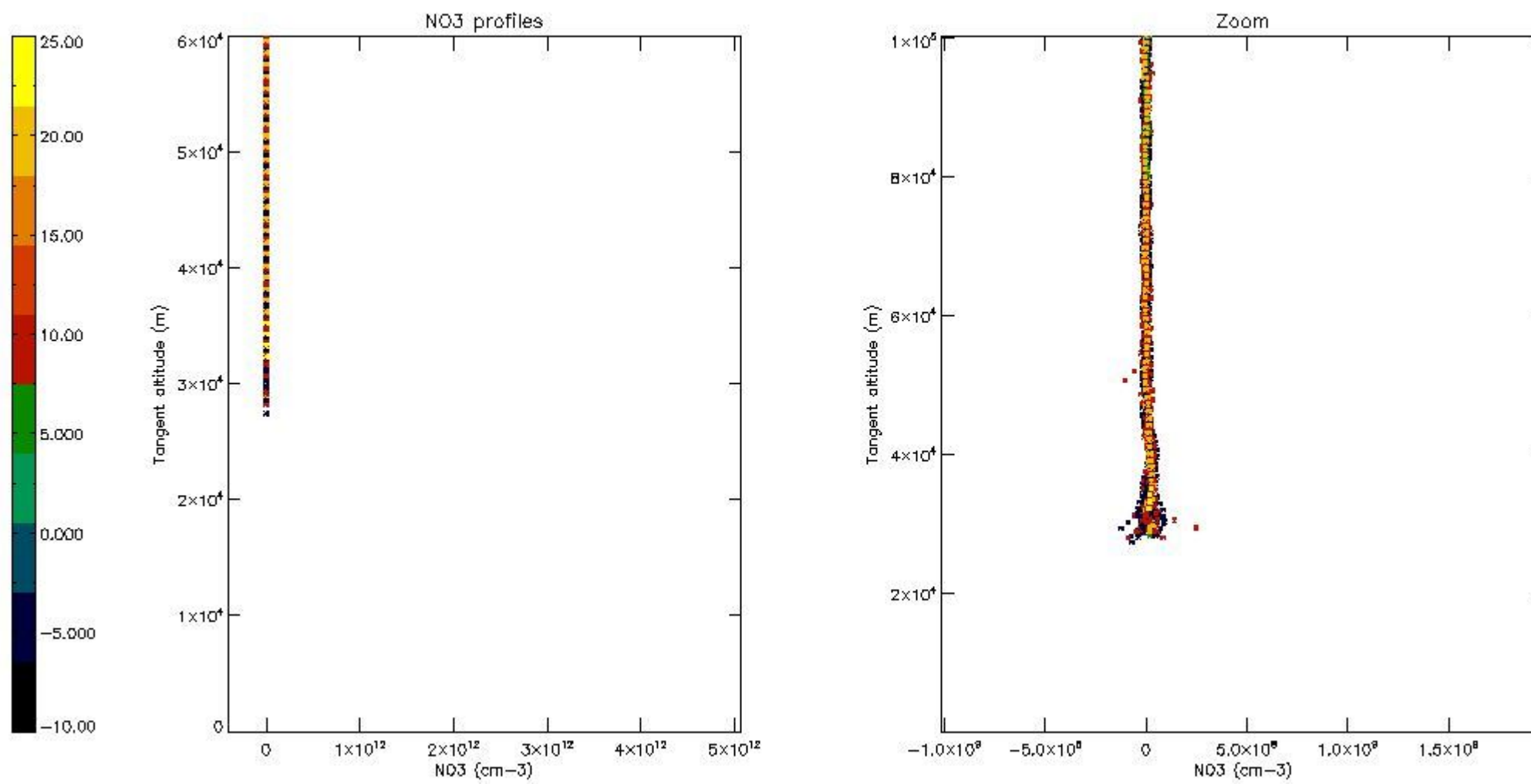
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

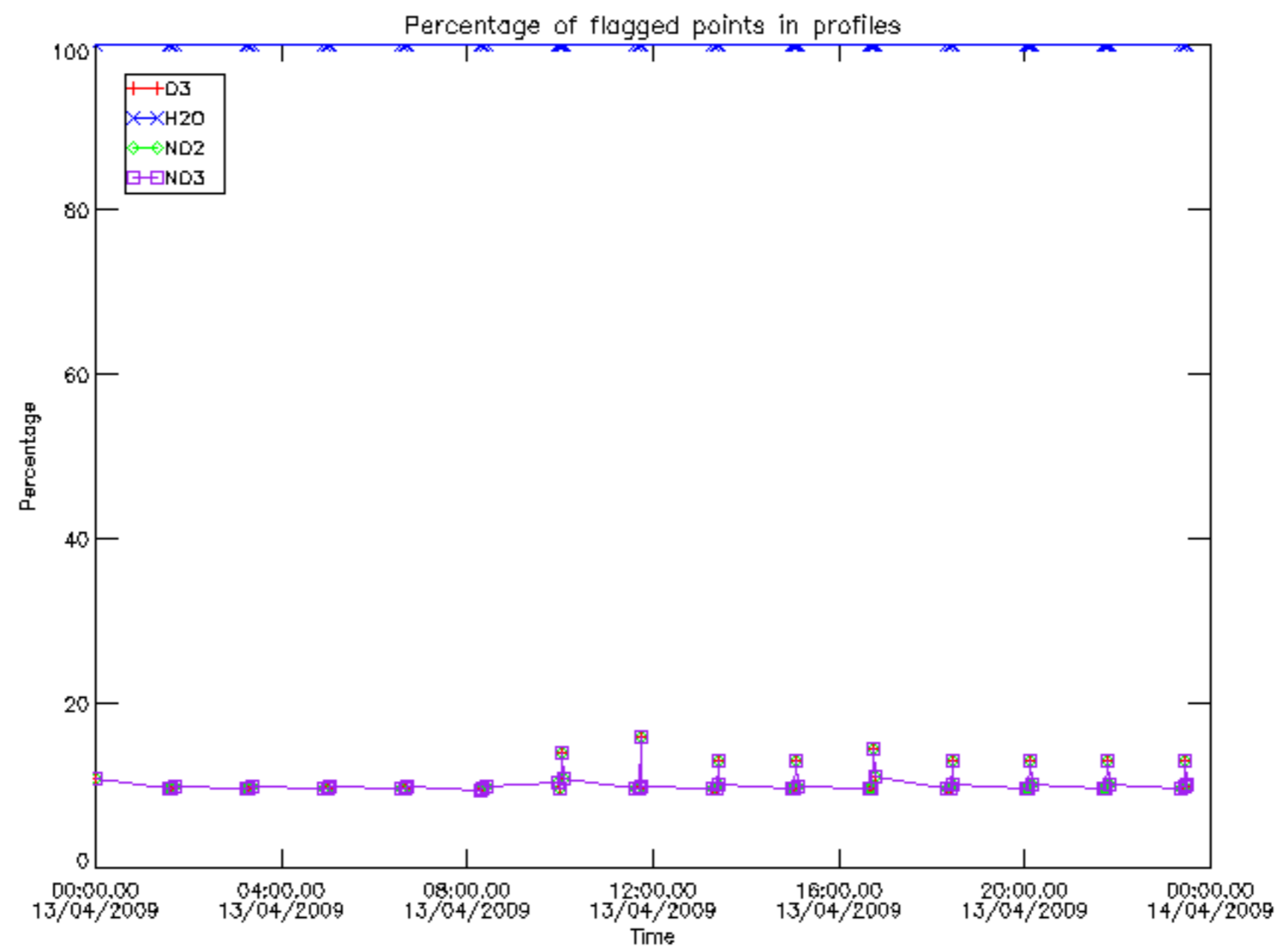
The colorbar represents the latitude.



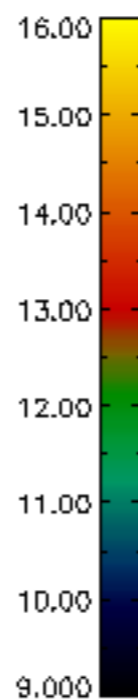
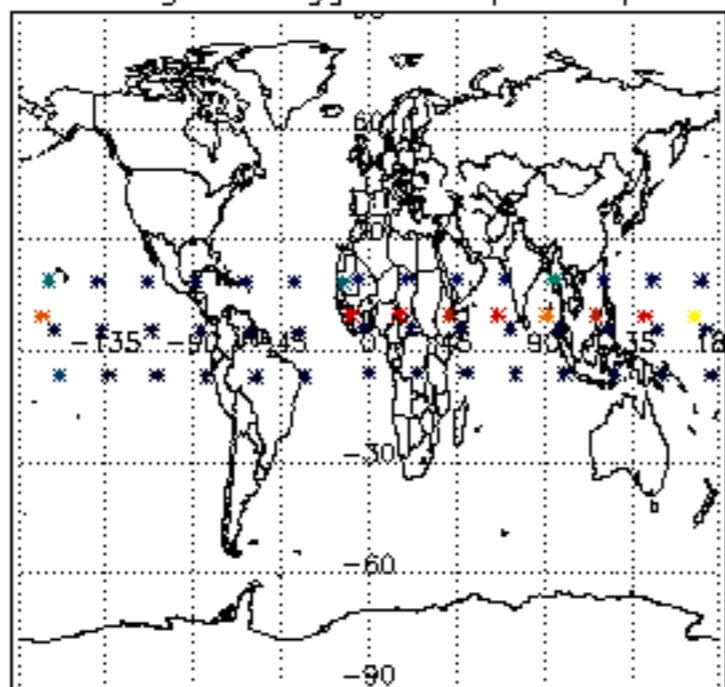
6. Auxiliary Data Files used for the production reported in section 2

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

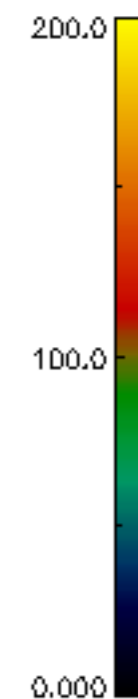
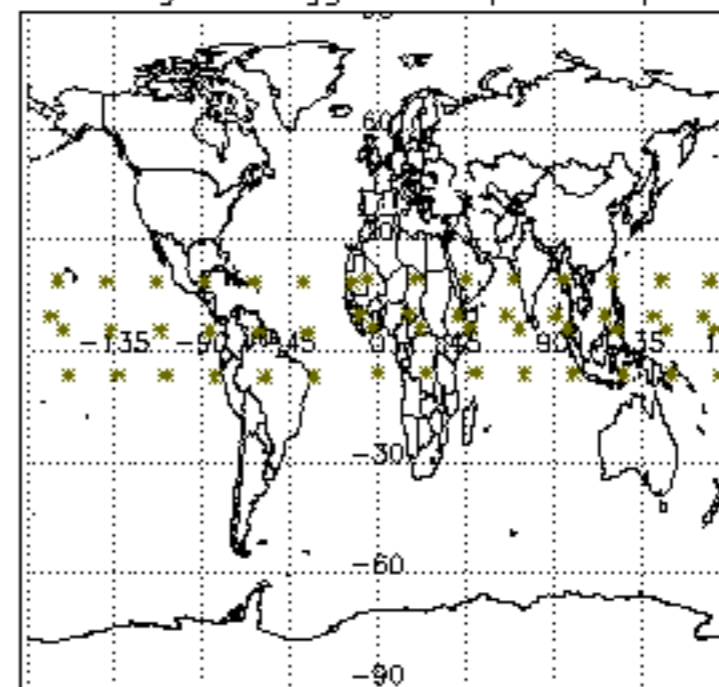
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	13-APR-2009 00:00:46
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	13-APR-2009 00:00:46
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	13-APR-2009 00:00:46



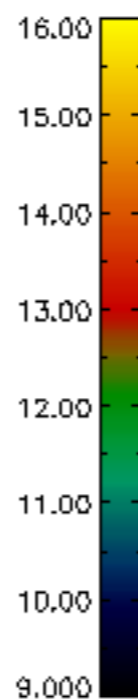
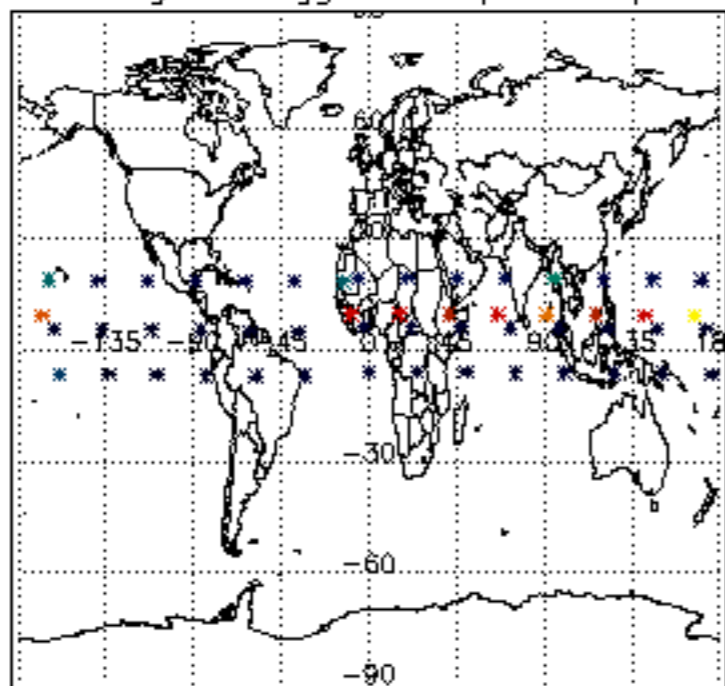
Percentage of flagged data per D3 profile



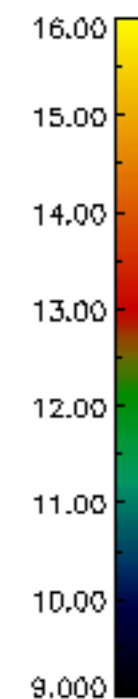
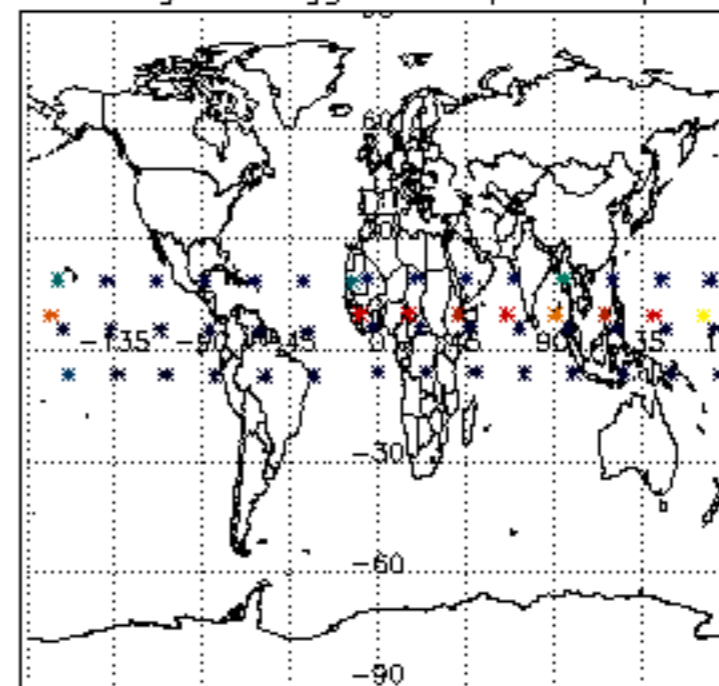
Percentage of flagged data per H2O profile

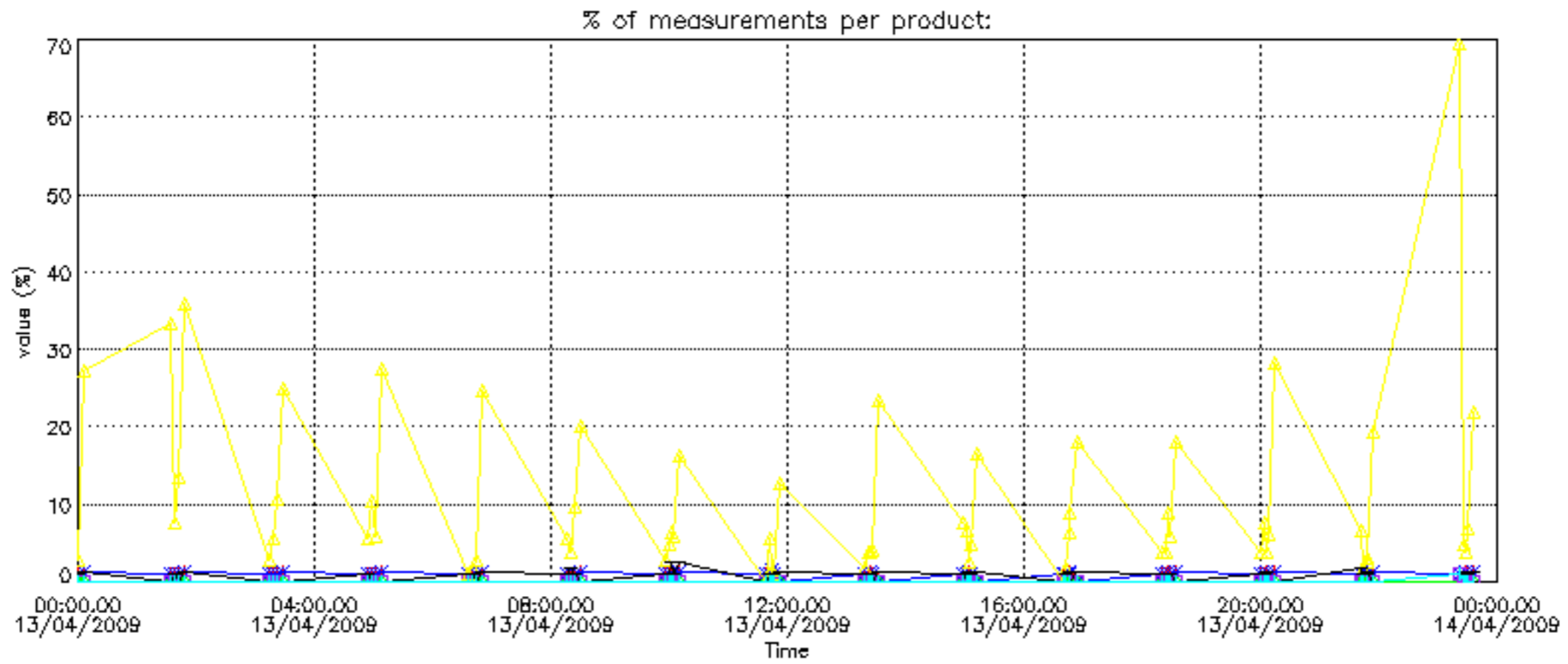
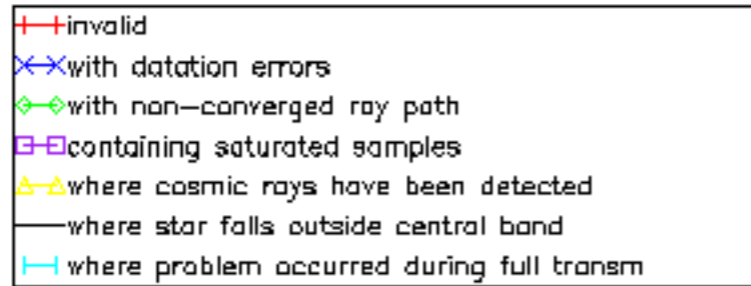


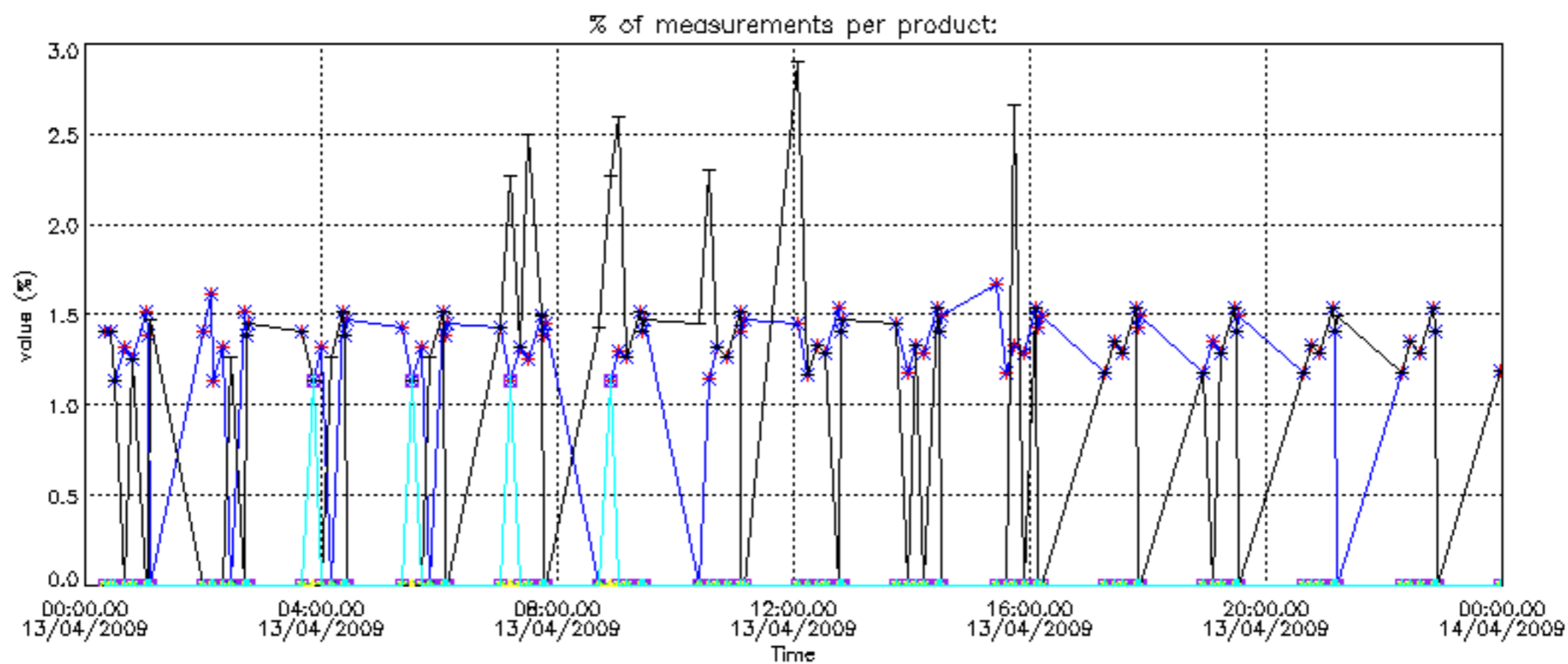
Percentage of flagged data per NO2 profile



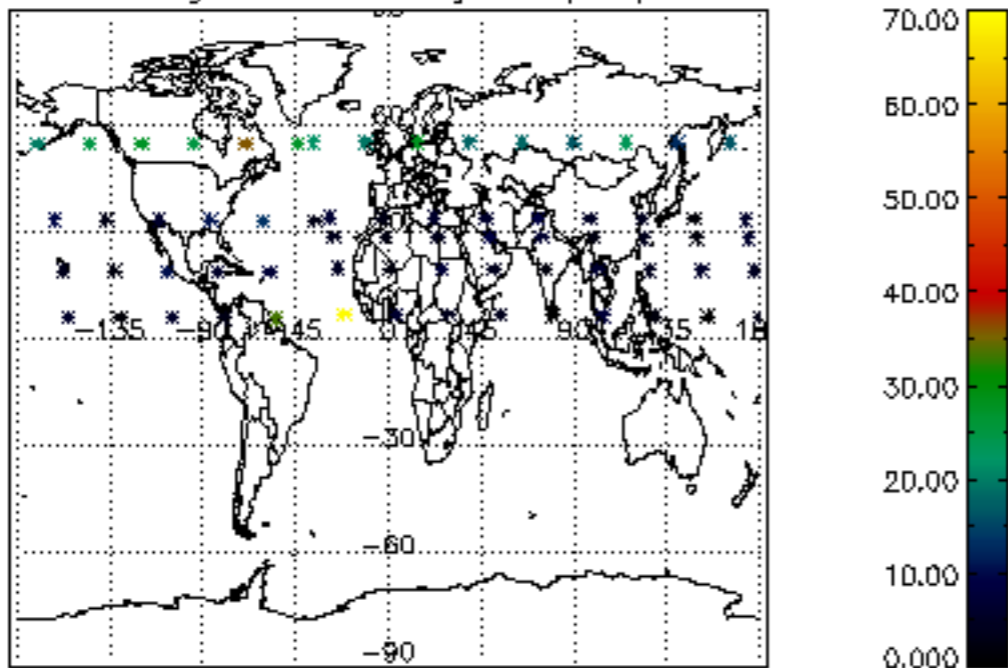
Percentage of flagged data per NO3 profile



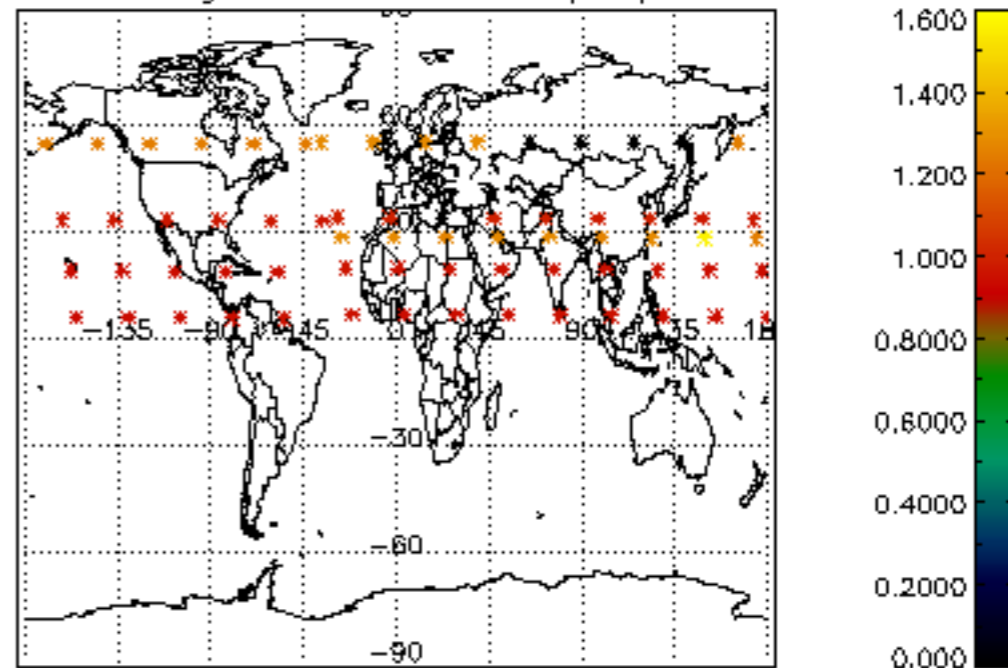




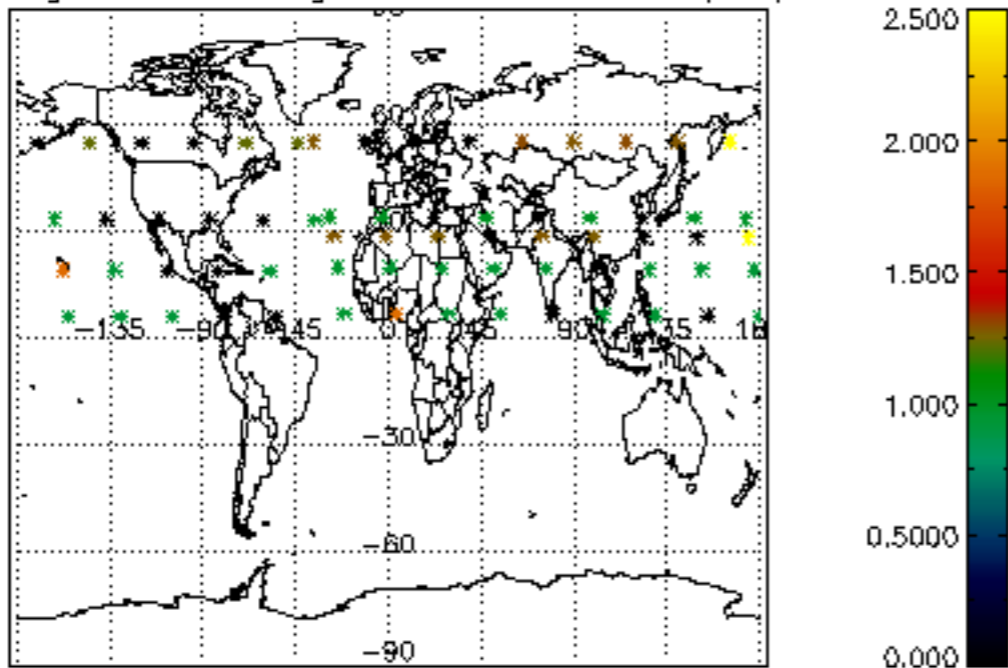
Percentage of cosmic ray hits per profile



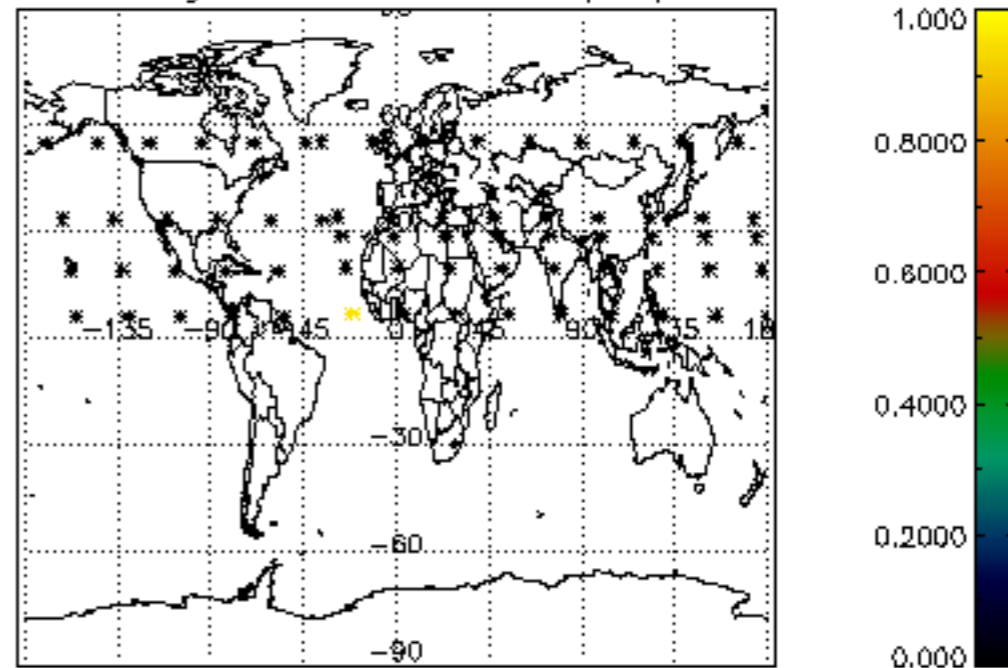
Percentage of datation errors per profile



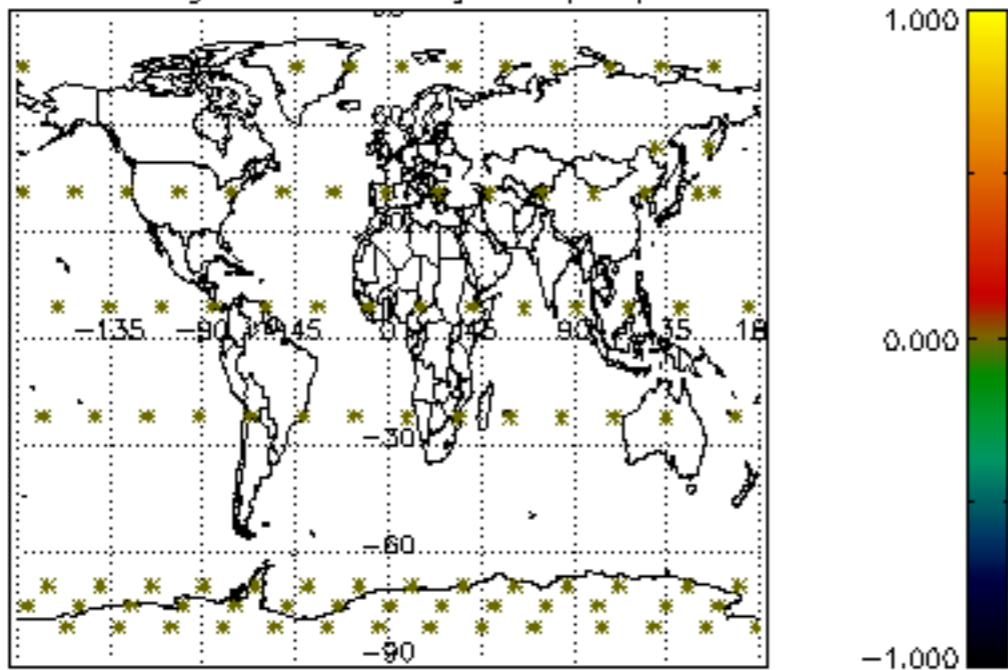
Percentage of star falling outside central band per profile



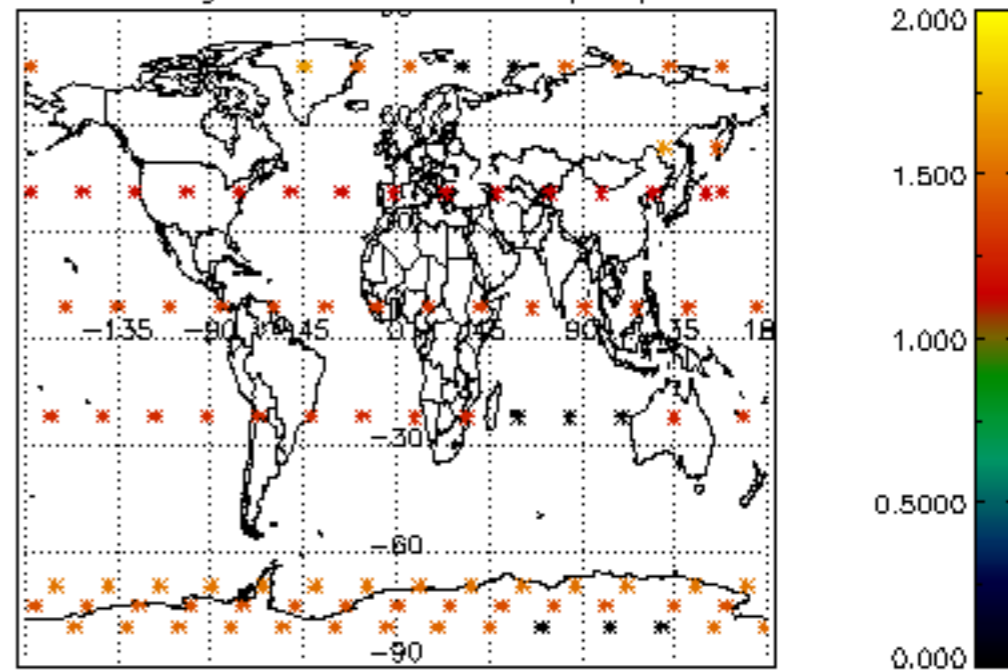
Percentage of saturation errors per profile



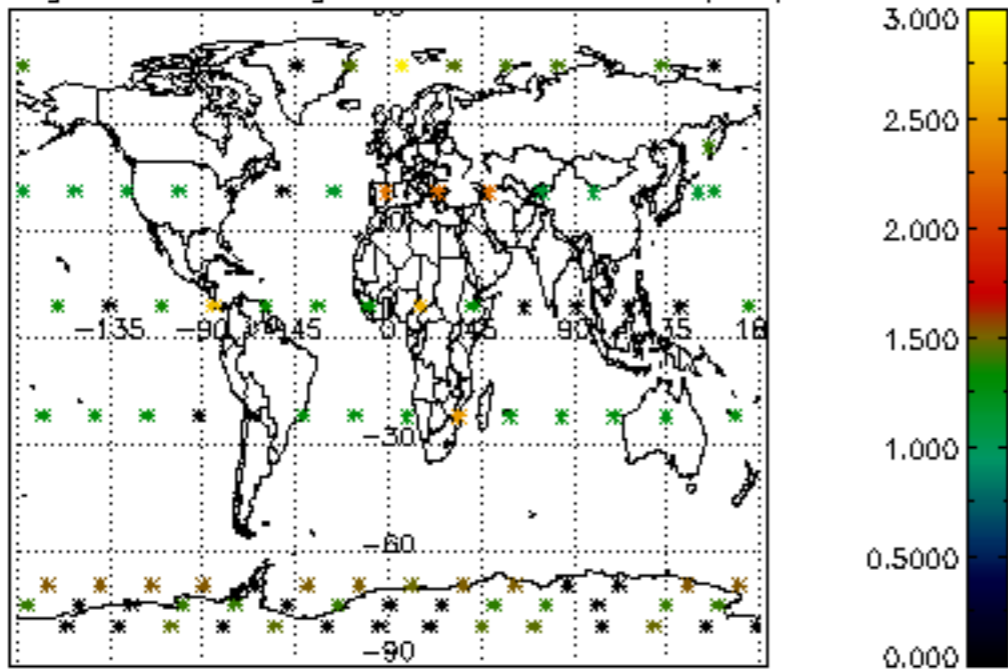
Percentage of cosmic ray hits per profile



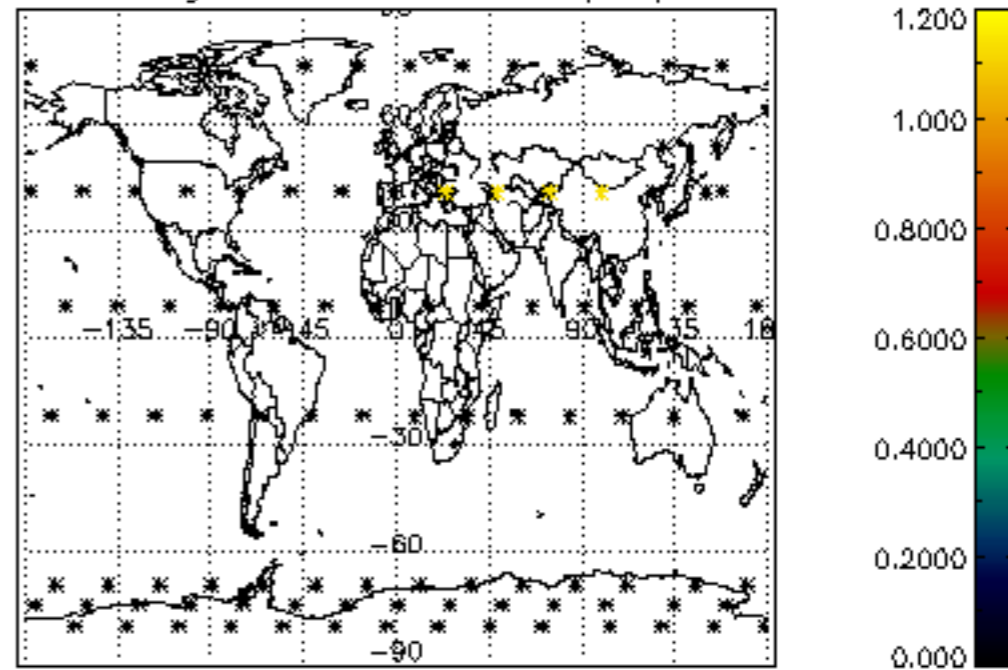
Percentage of datation errors per profile

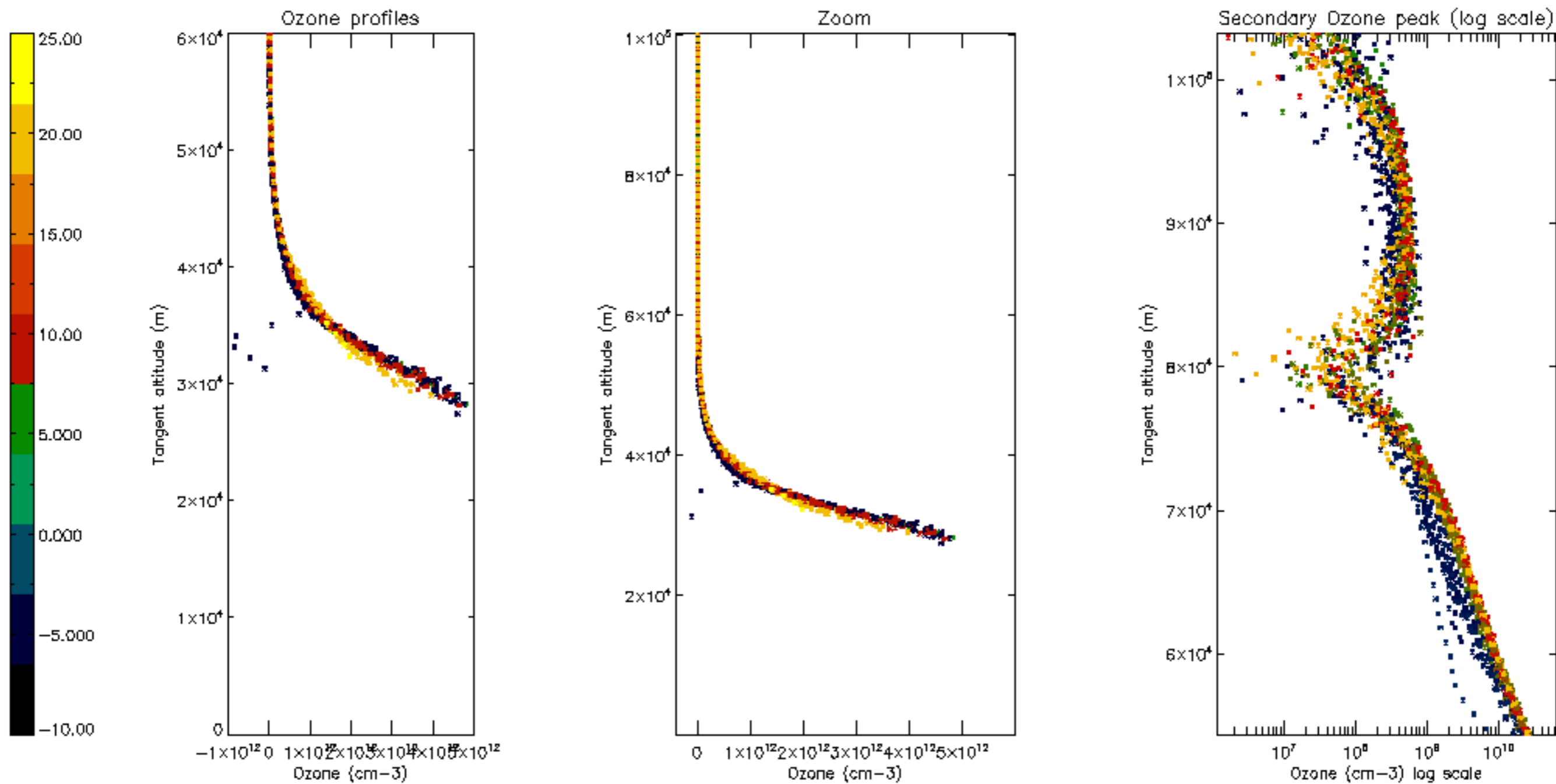


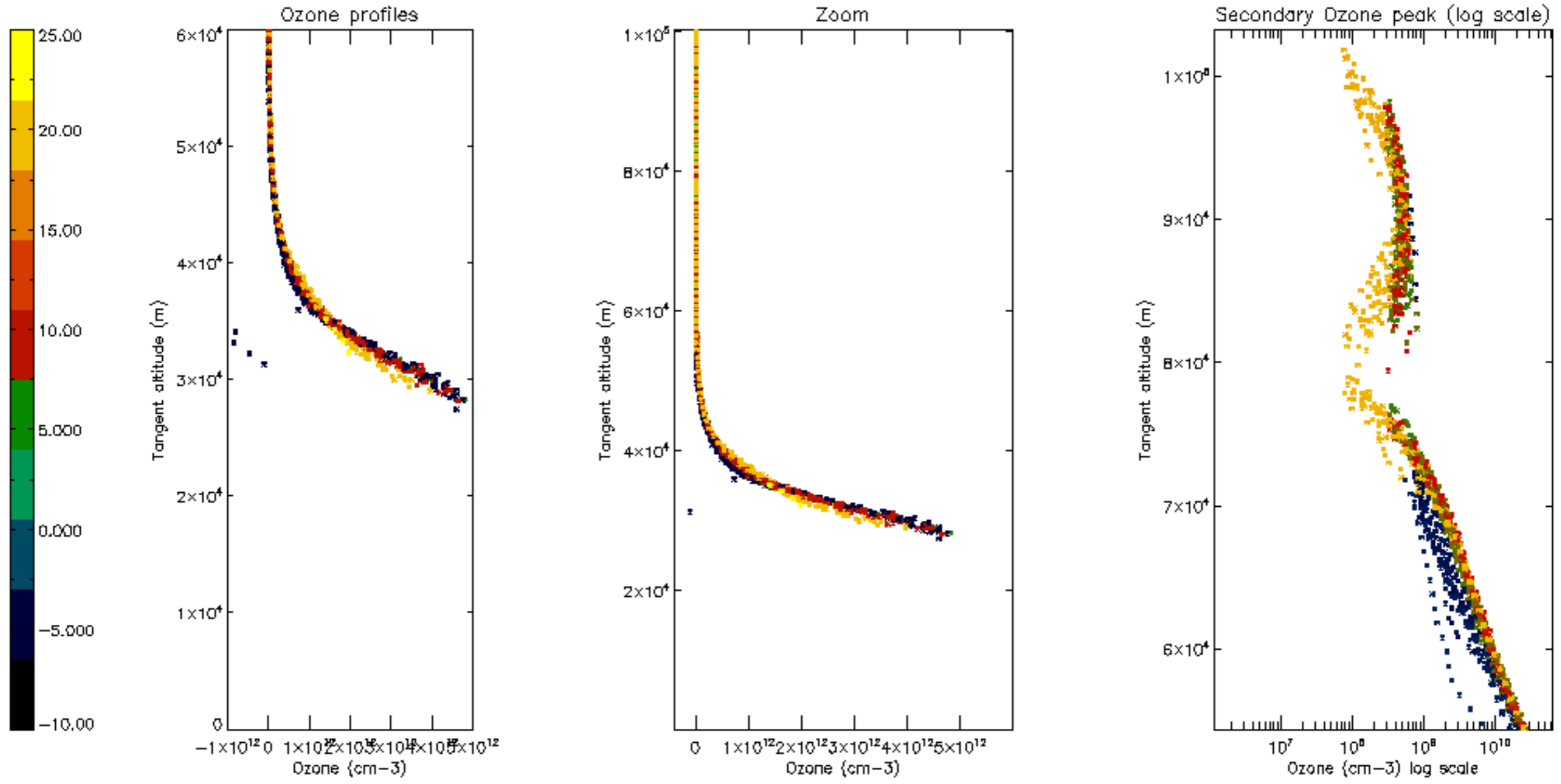
Percentage of star falling outside central band per profile

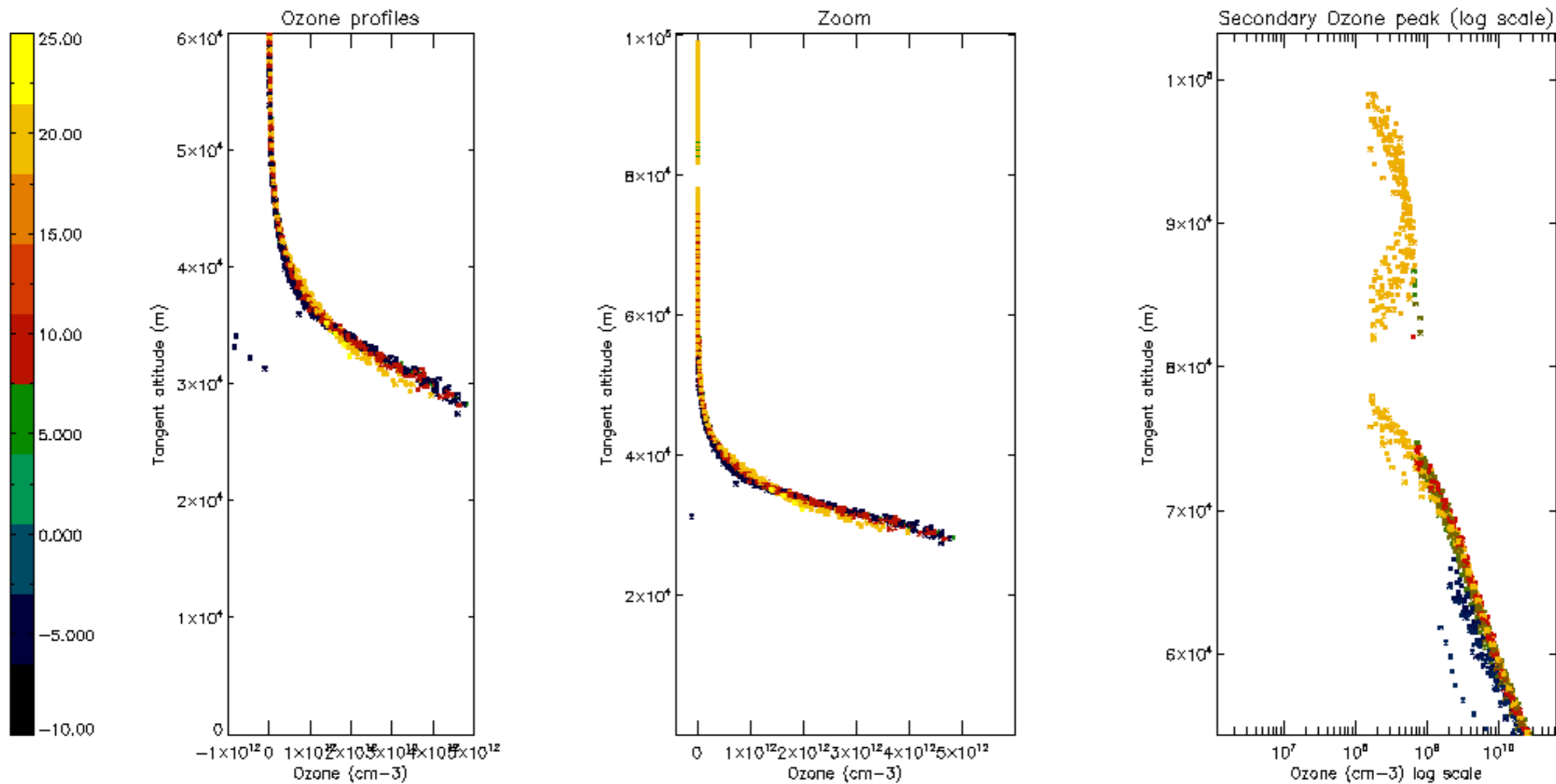


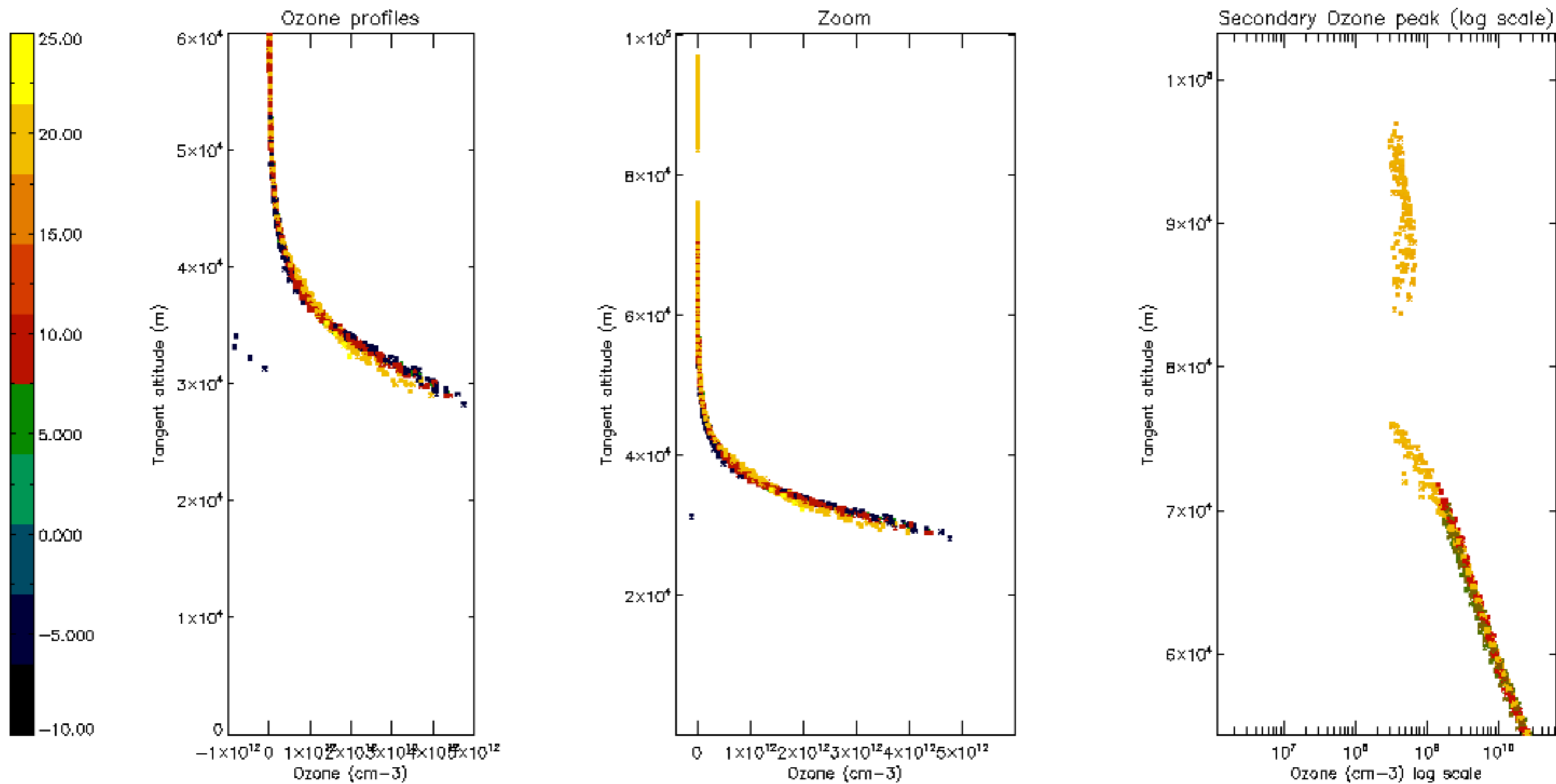
Percentage of saturation errors per profile

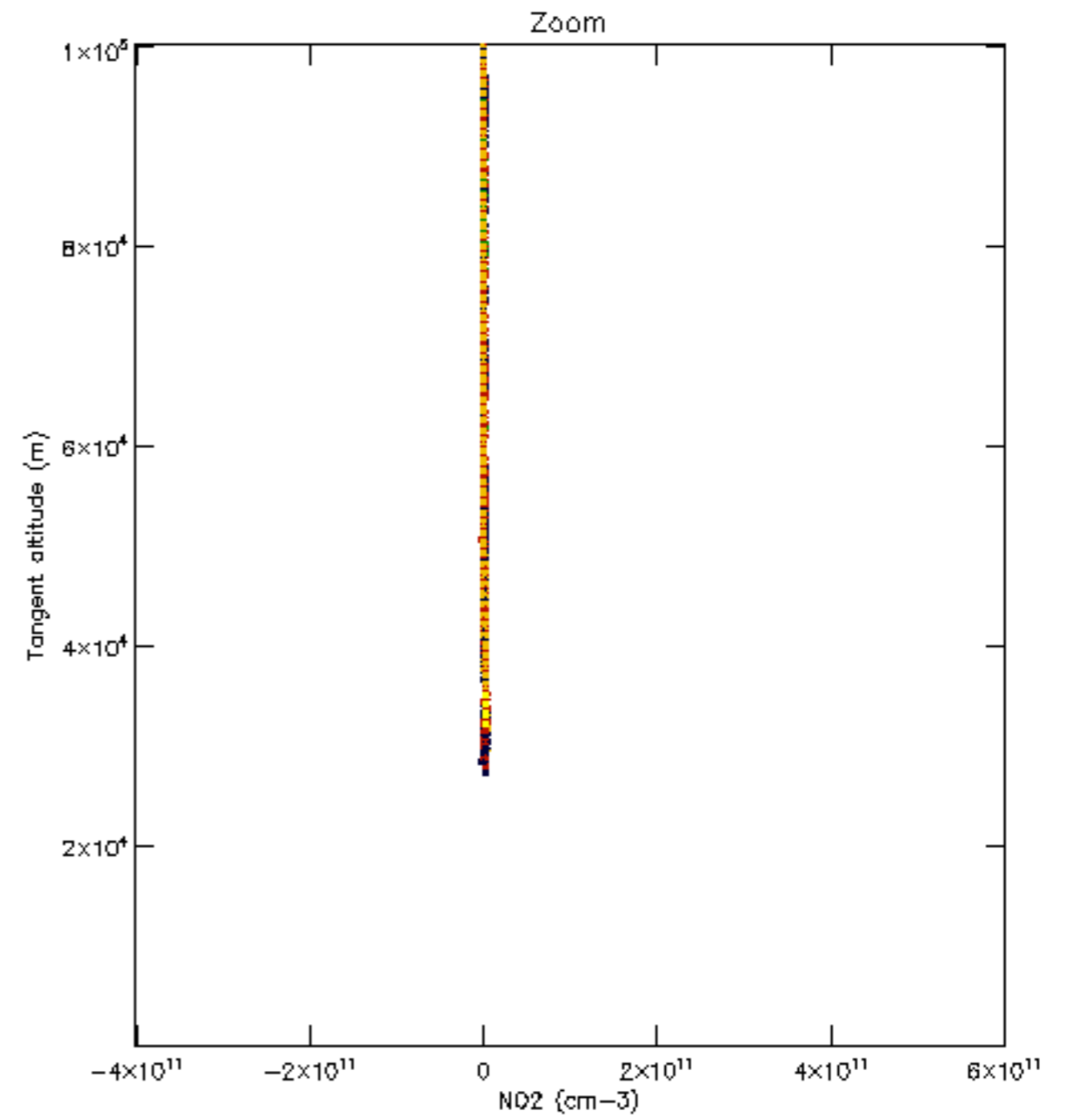
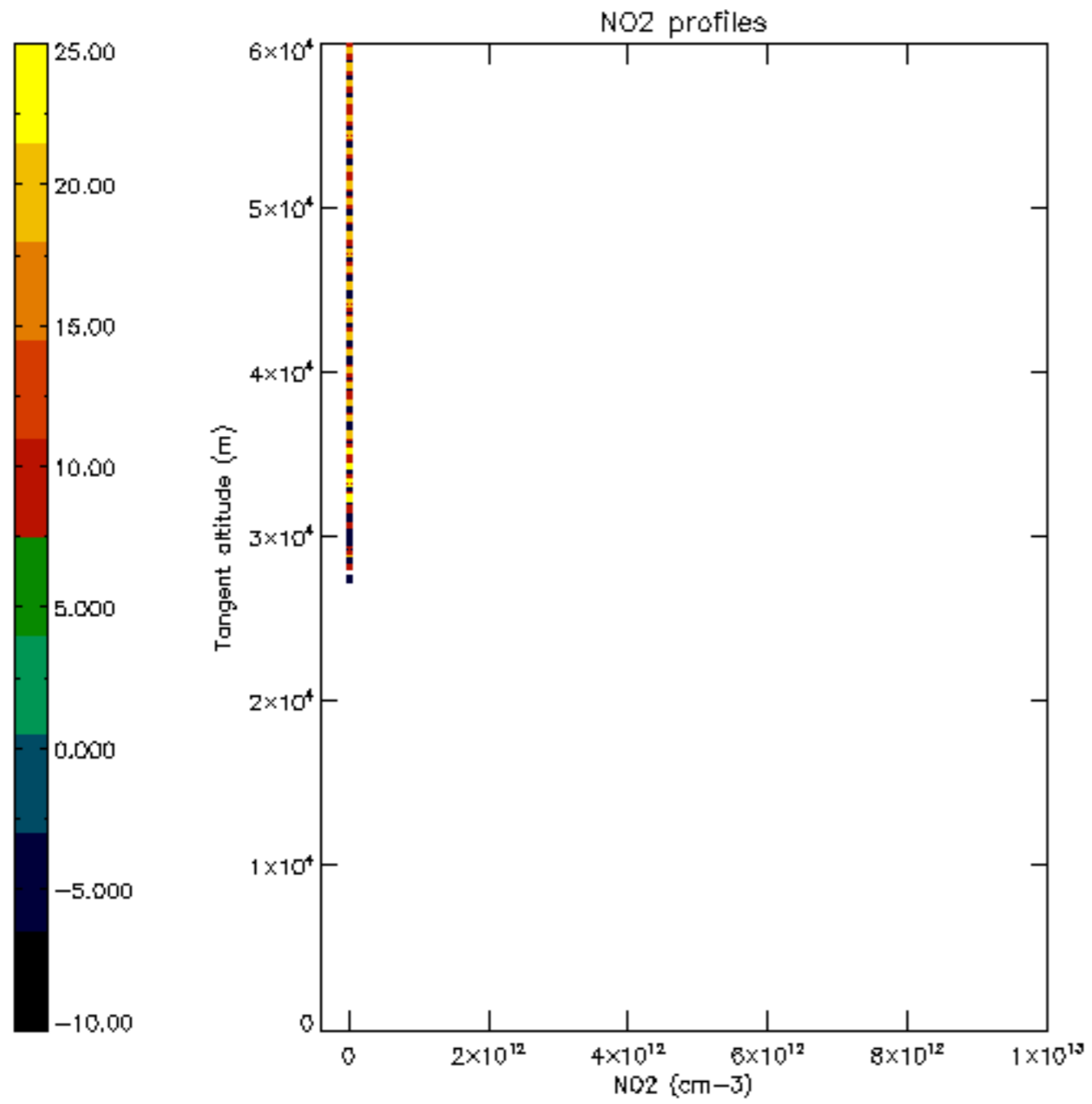


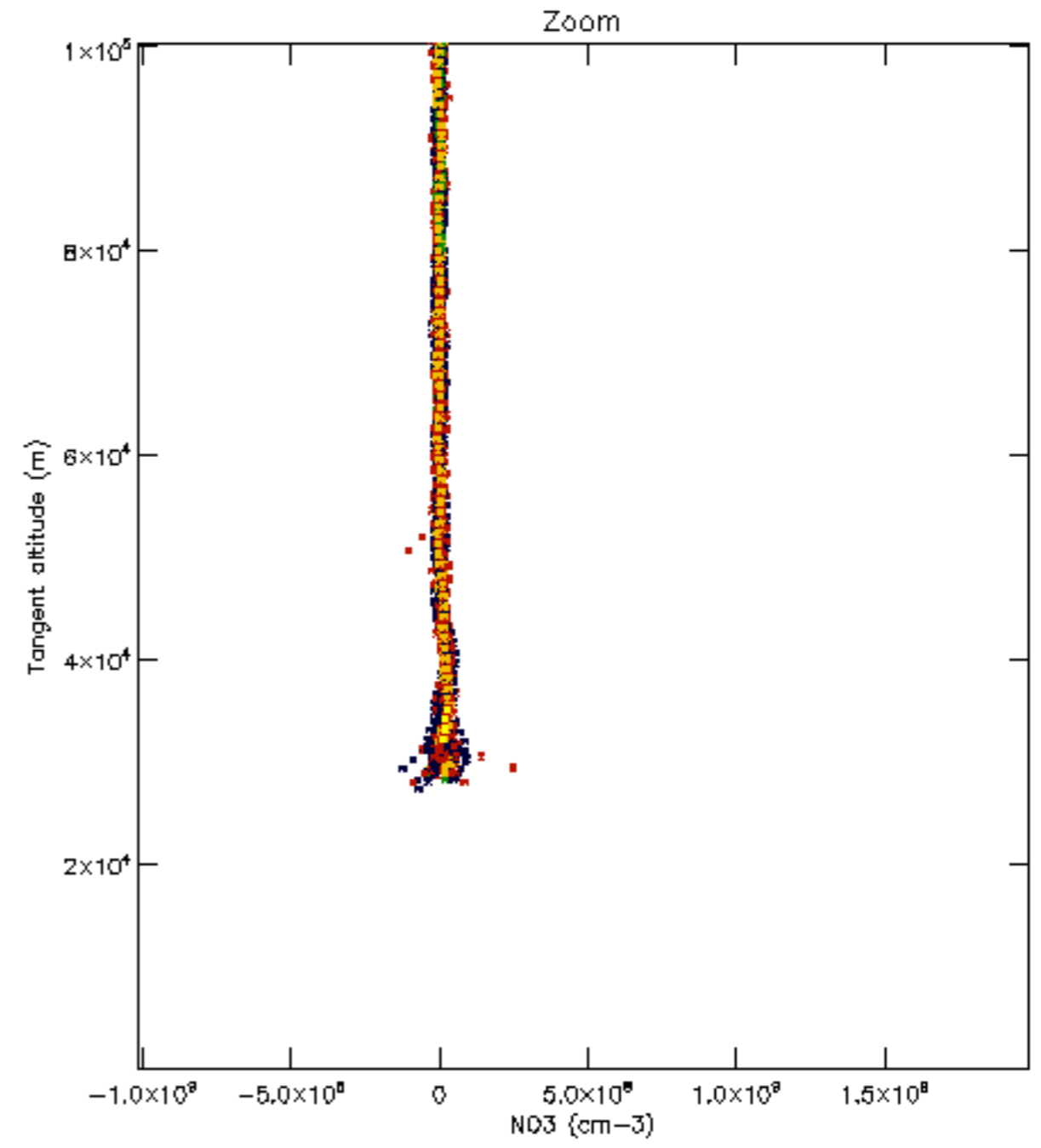
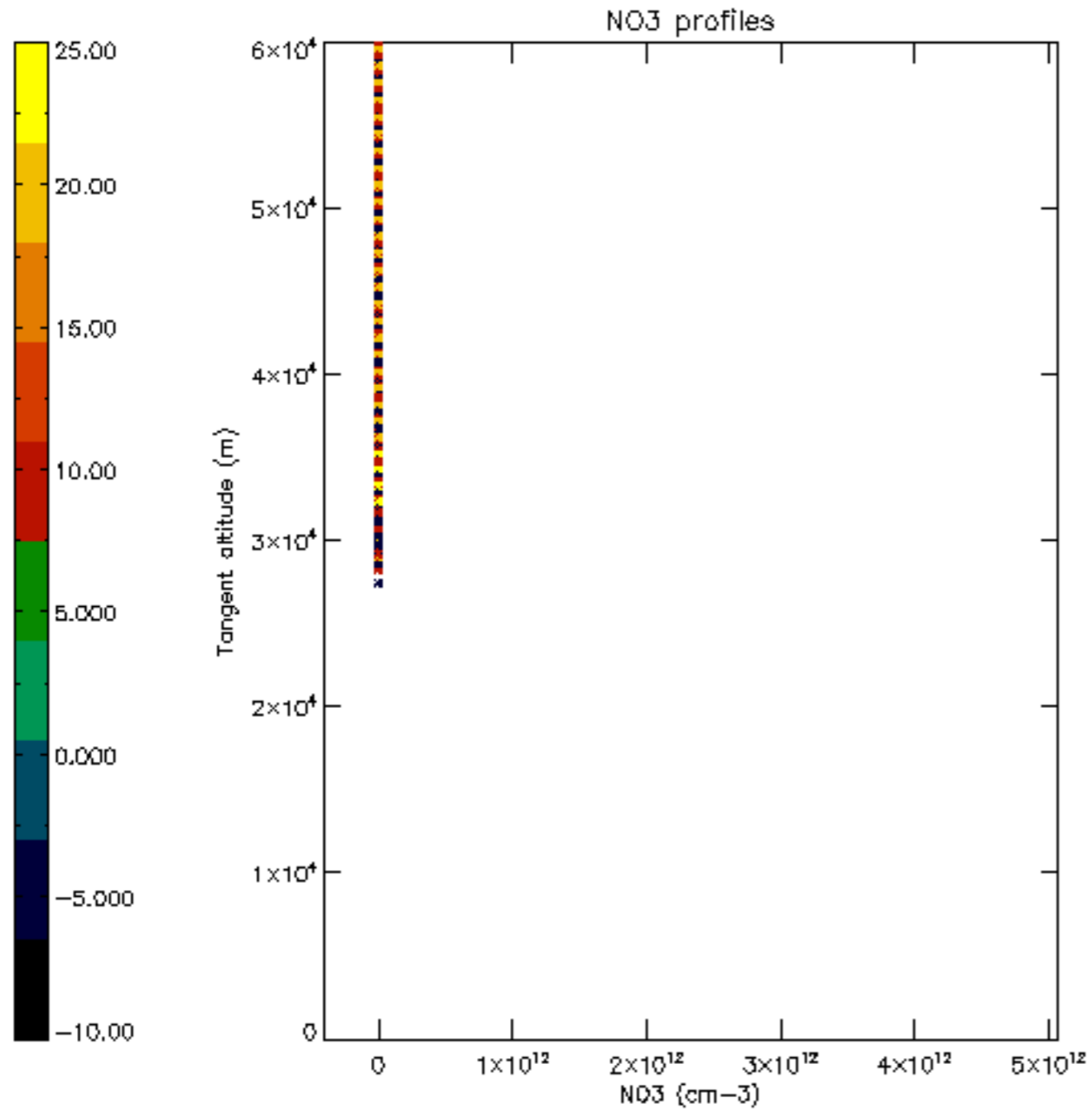


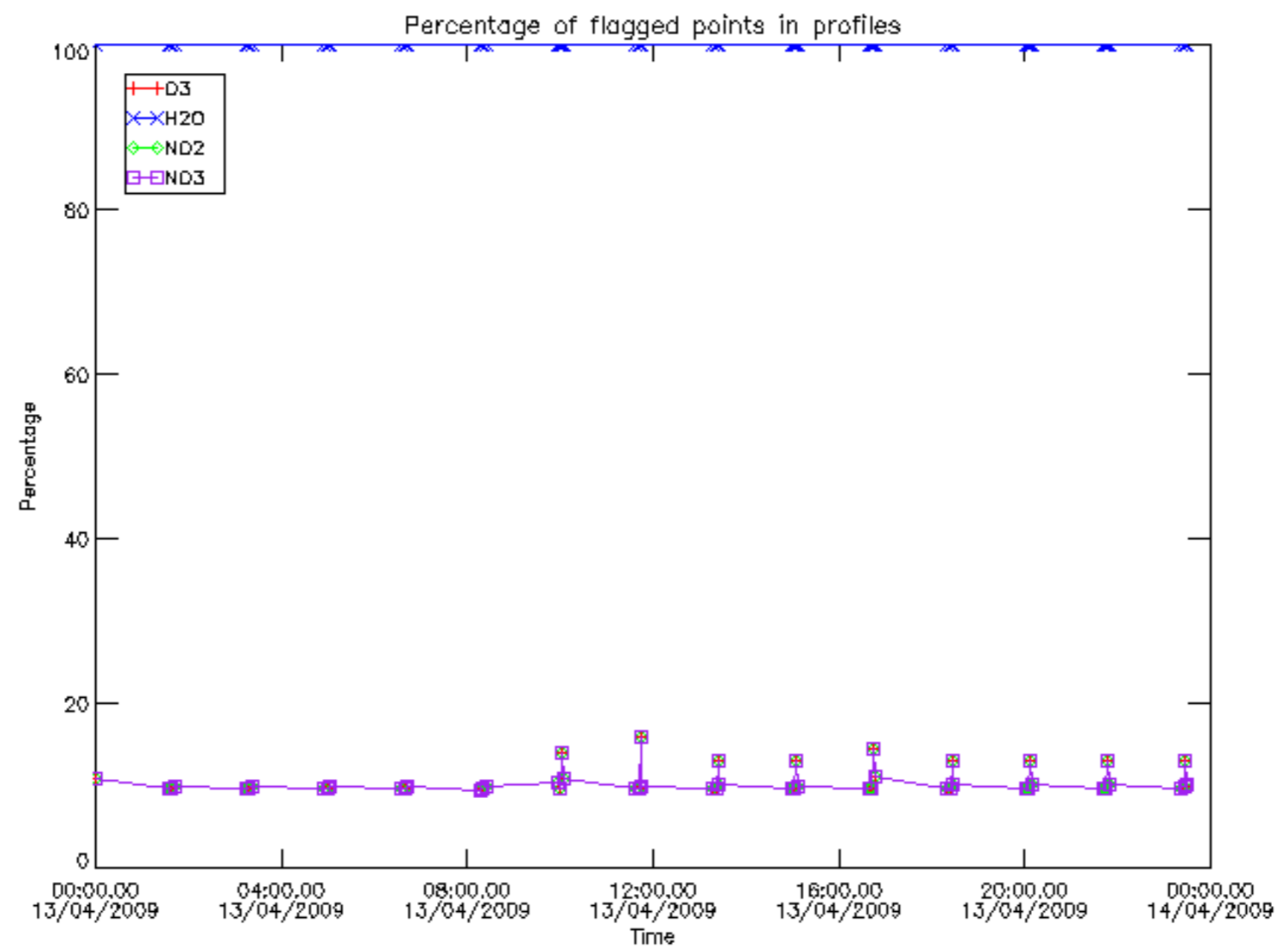




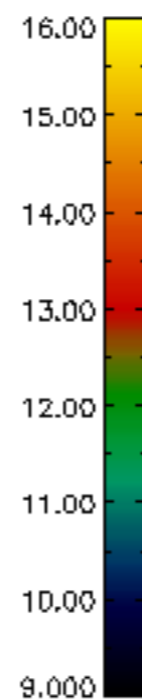
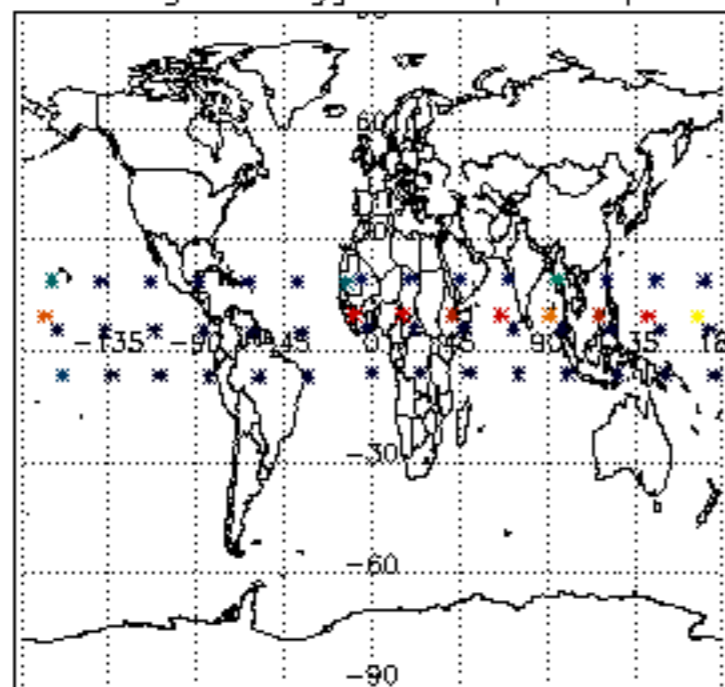




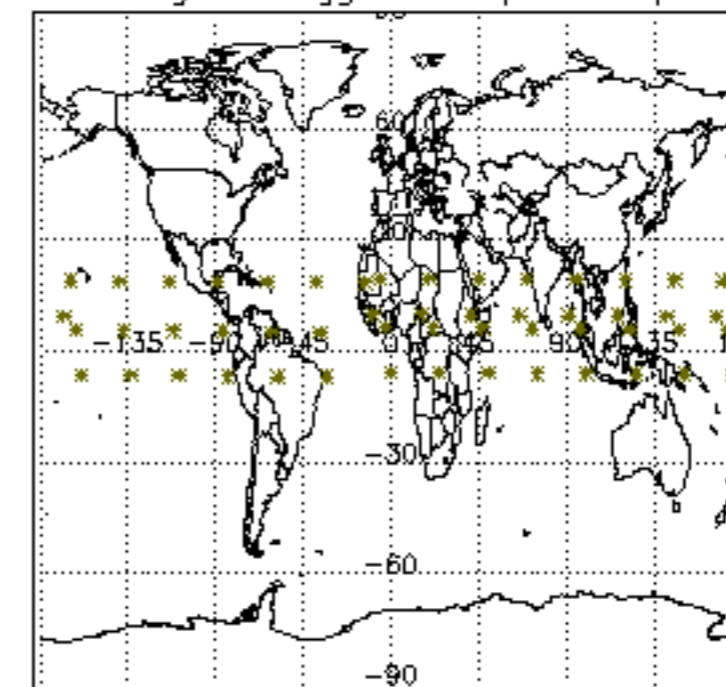




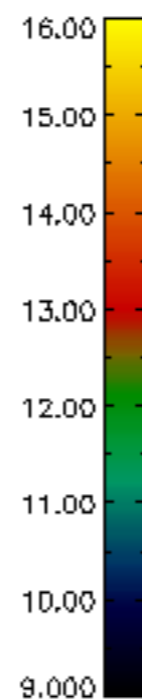
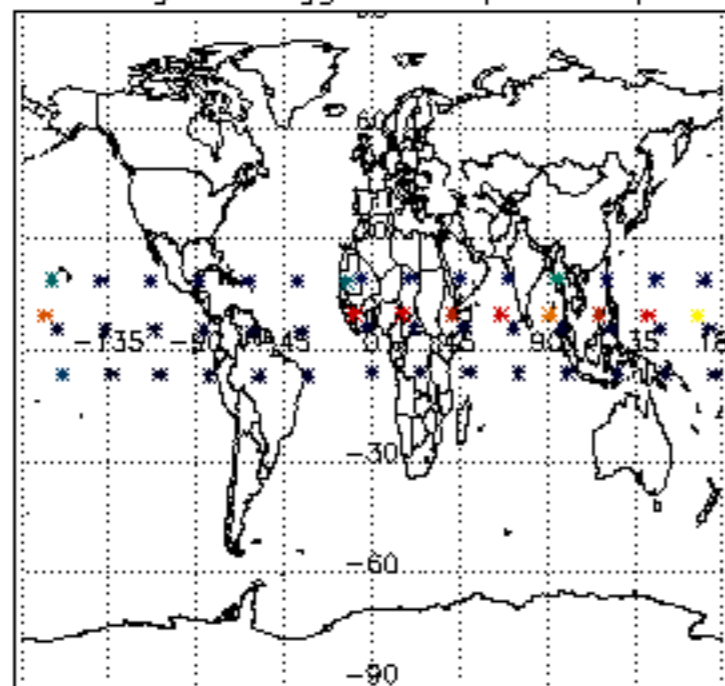
Percentage of flagged data per D3 profile



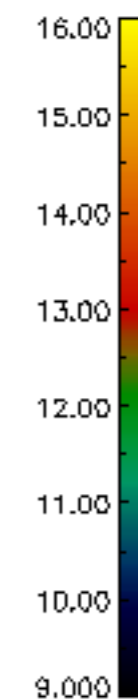
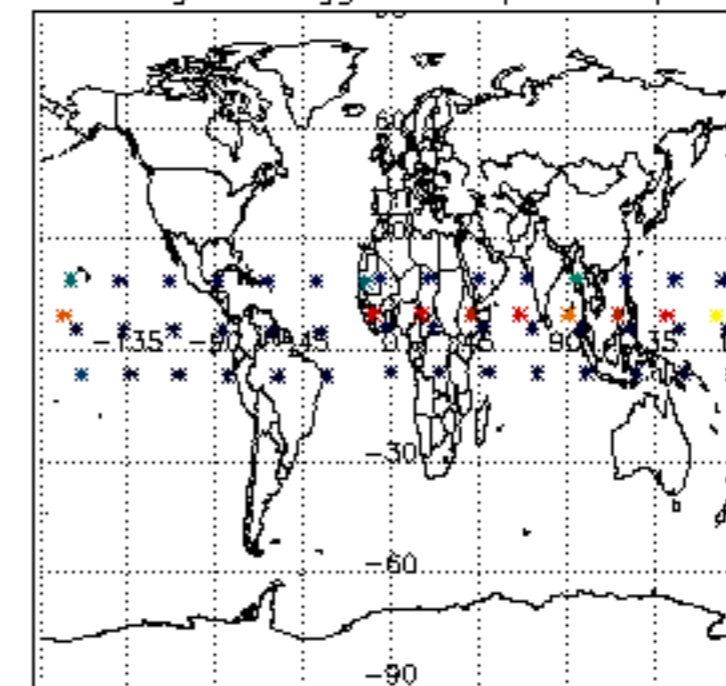
Percentage of flagged data per H2O profile

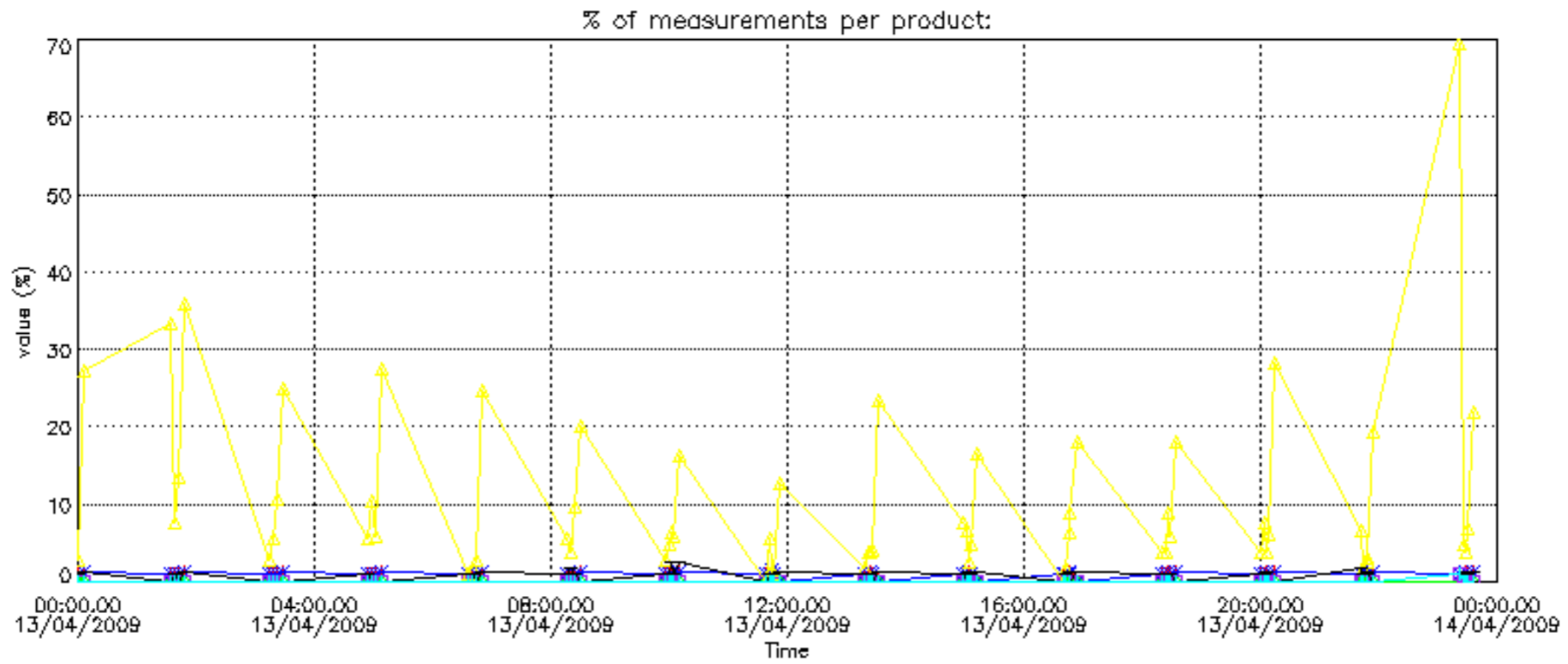
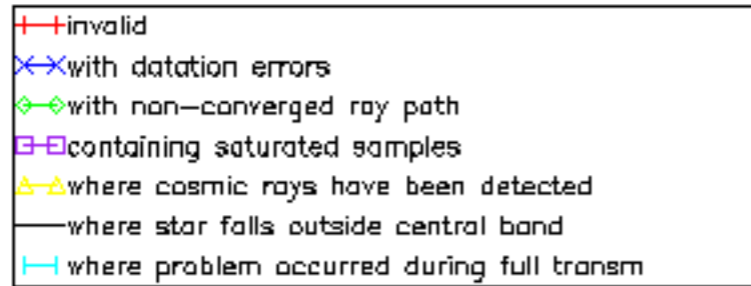


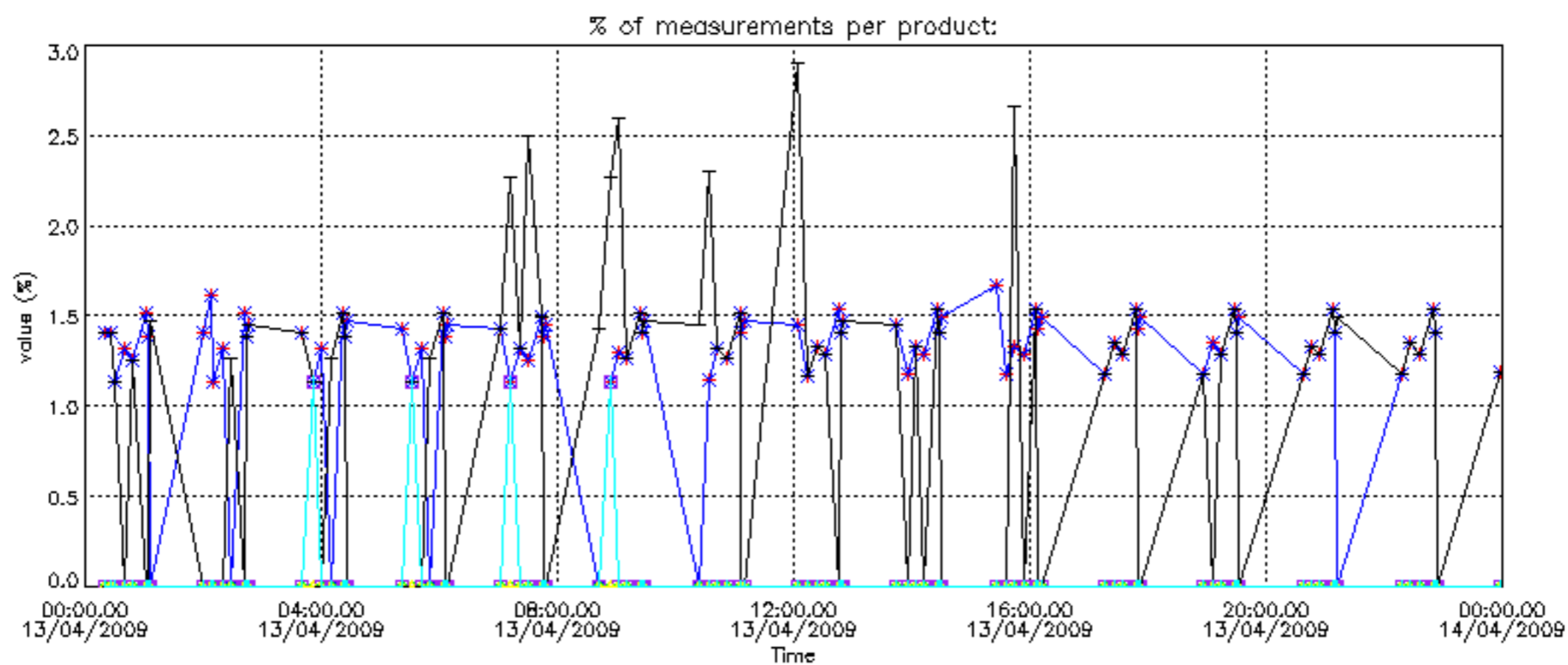
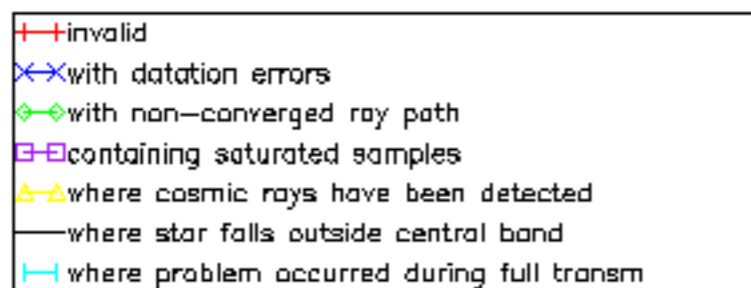
Percentage of flagged data per NO2 profile



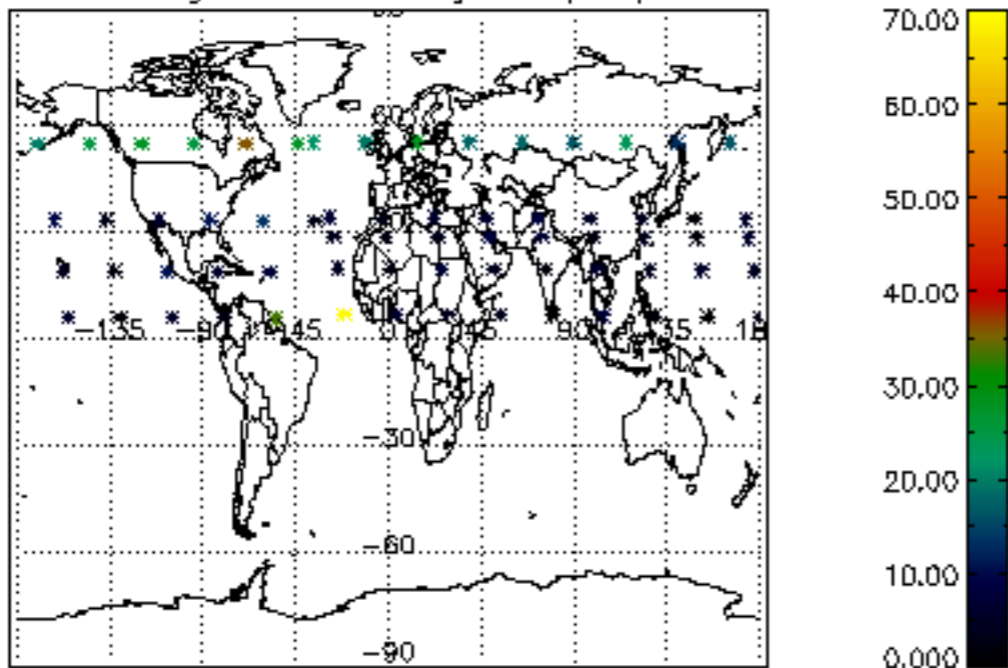
Percentage of flagged data per NO3 profile



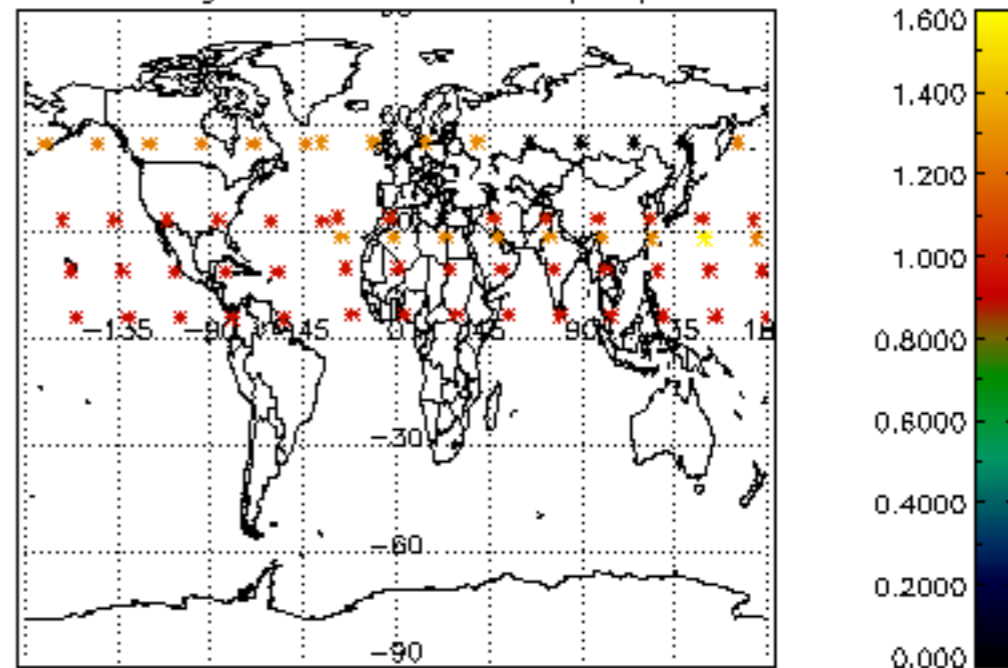




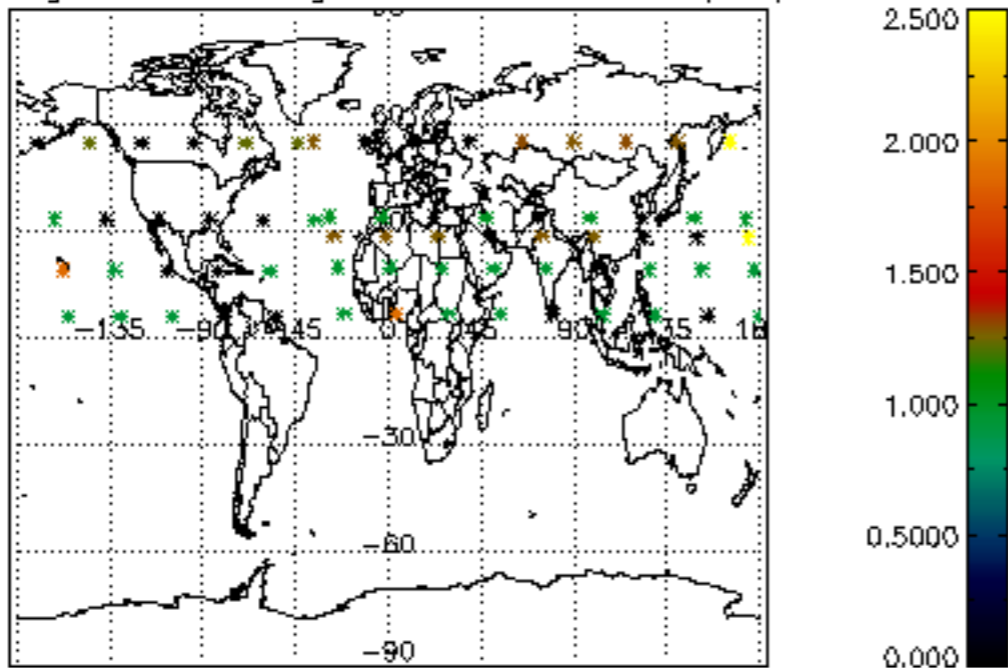
Percentage of cosmic ray hits per profile



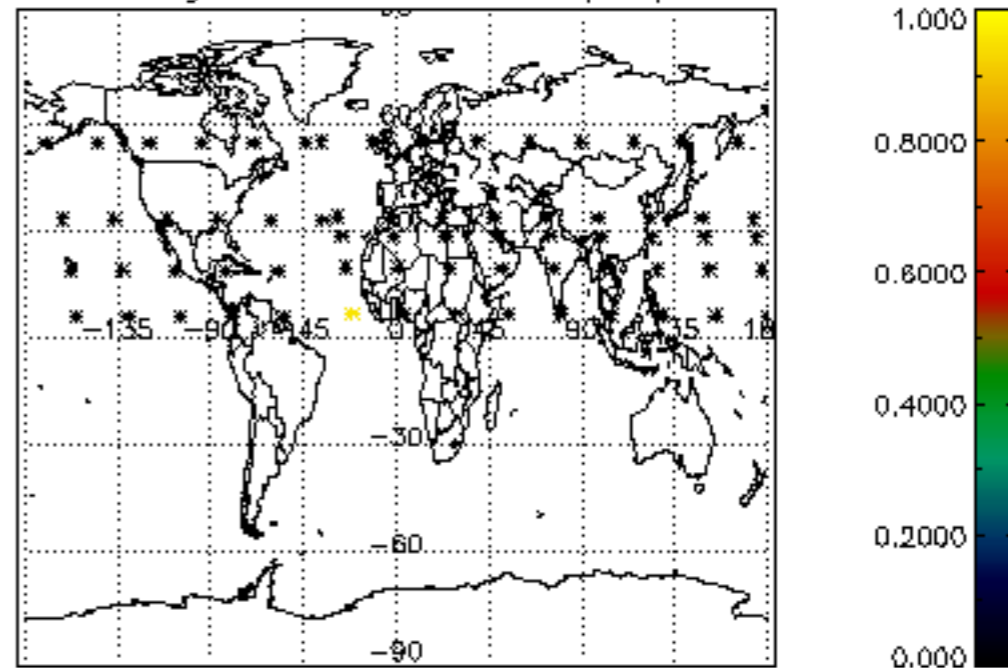
Percentage of datation errors per profile



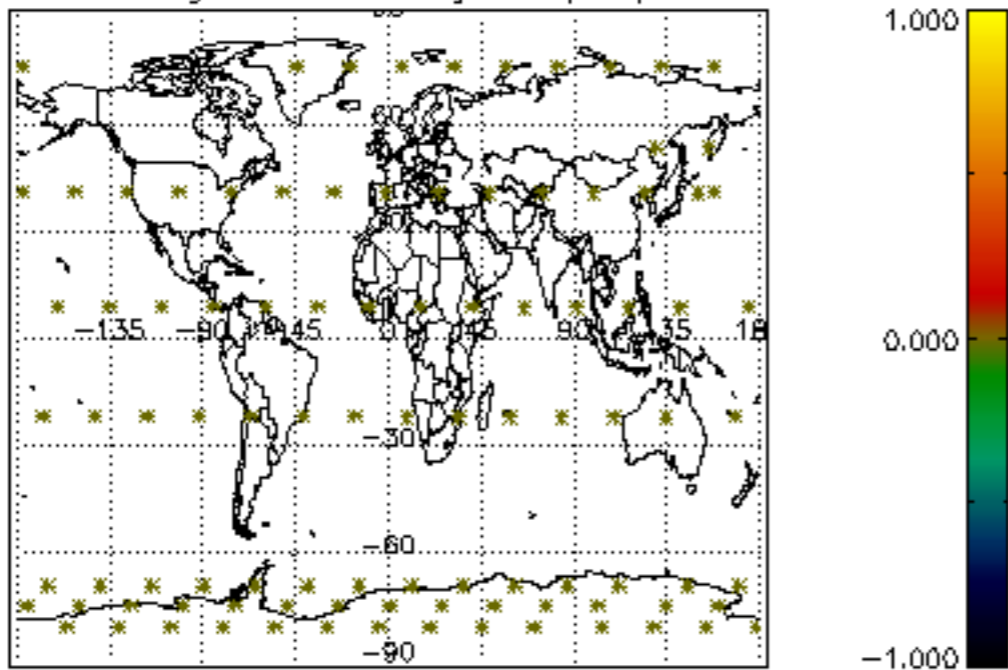
Percentage of star falling outside central band per profile



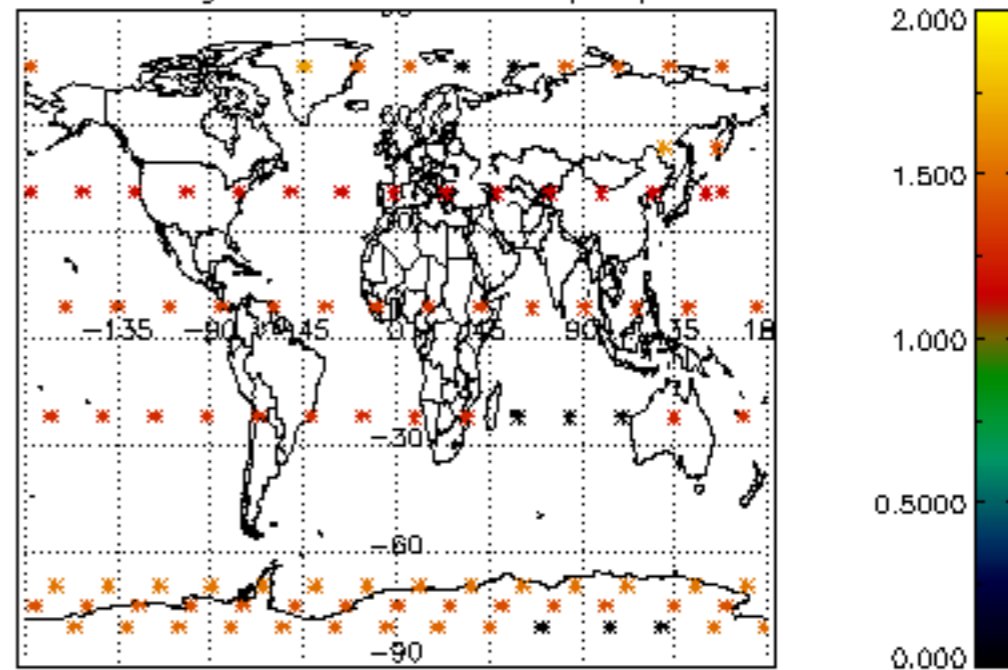
Percentage of saturation errors per profile



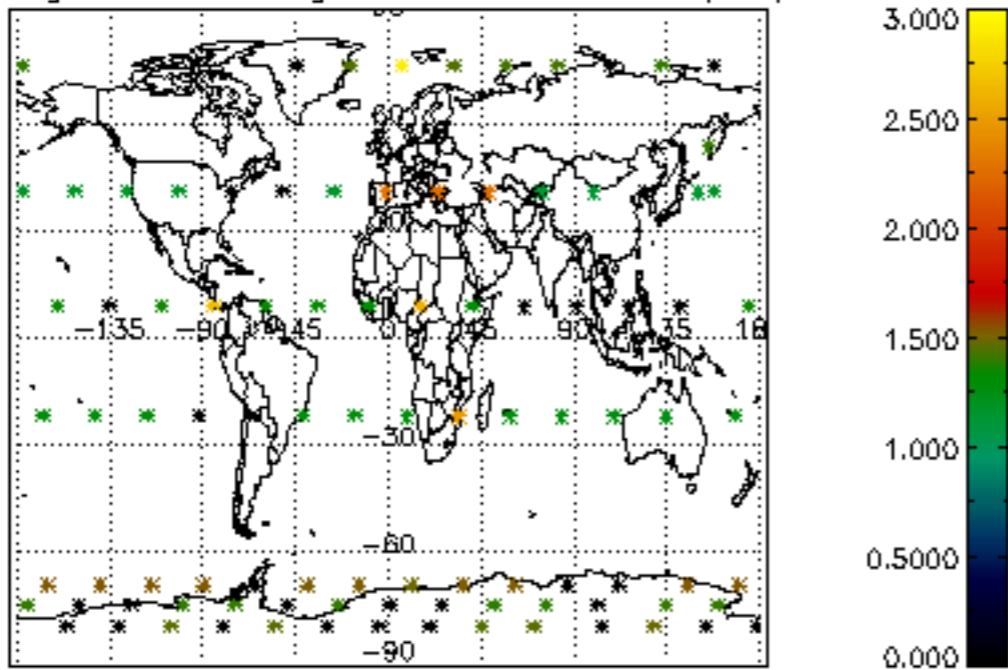
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

