

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 08:48:30
Data source version	GOMOS/6.01
Start time of products	14-04-2009 (14APR2009 00:00:00)
Stop time of products	15-04-2009 (15APR2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	162
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__2PRFIN20090414_000735_000000372078_00102_37230_7128.N1	14-APR-2009 00:07:35	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	37230	No
2	GOM_NL__2PRFIN20090414_001609_000000392078_00102_37230_7129.N1	14-APR-2009 00:16:09	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	37230	No
3	GOM_NL__2PRFIN20090414_002952_000000322078_00102_37230_7130.N1	14-APR-2009 00:29:52	Twilight	32.000	19	50Alp Cyg	1.2460	10500.	64	37230	No
4	GOM_NL__2PRFIN20090414_003139_000000352078_00102_37230_7131.N1	14-APR-2009 00:31:39	Twilight	35.000	66	37Gam Cyg	2.2080	5900.0	70	37230	No
5	GOM_NL__2PRFIN20090414_003407_000000332078_00102_37230_7132.N1	14-APR-2009 00:34:07	Twilight	33.000	92	53Eps Cyg	2.5000	4500.0	66	37230	No
6	GOM_NL__2PRFIN20090414_010228_000000532078_00103_37231_7138.N1	14-APR-2009 01:02:28	Dark	52.500	103	38Zet Sgr	2.6000	9700.0	105	37231	No
7	GOM_NL__2PRFIN20090414_010604_000000522078_00103_37231_7139.N1	14-APR-2009 01:06:04	Dark	52.000	38	20Eps Sgr	1.8360	11000.	104	37231	No
8	GOM_NL__2PRFIN20090414_010831_000000392078_00103_37231_7140.N1	14-APR-2009 01:08:31	Dark	39.000	147	Alp Ara	2.8770	26000.	78	37231	No
9	GOM_NL__2PRFIN20090414_011004_000000512078_00103_37231_7141.N1	14-APR-2009 01:10:04	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37231	No
10	GOM_NL__2PRFIN20090414_011603_000000392078_00103_37231_7142.N1	14-APR-2009 01:16:03	Straylight	38.500	131	Gam Lup	2.8000	26000.	77	37231	No
11	GOM_NL__2PRFIN20090414_013908_000000422078_00103_37231_7143.N1	14-APR-2009 01:39:08	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	37231	No
12	GOM_NL__2PRFIN20090414_014810_000000372078_00103_37231_7144.N1	14-APR-2009 01:48:10	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	37231	No
13	GOM_NL__2PRFIN20090414_015644_000000392078_00103_37231_7145.N1	14-APR-2009 01:56:44	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	37231	No
14	GOM_NL__2PRFIN20090414_021028_000000332078_00103_37231_7146.N1	14-APR-2009 02:10:28	Bright	32.500	19	50Alp Cyg	1.2460	10500.	65	37231	No
15	GOM_NL__2PRFIN20090414_021214_000000362078_00103_37231_7147.N1	14-APR-2009 02:12:14	Twilight	35.500	66	37Gam Cyg	2.2080	5900.0	71	37231	No
16	GOM_NL__2PRFIN20090414_021443_000000332078_00103_37231_7148.N1	14-APR-2009 02:14:43	Twilight	33.000	92	53Eps Cyg	2.5000	4500.0	66	37231	No
17	GOM_NL__2PRFIN20090414_024305_000000532078_00104_37232_7153.N1	14-APR-2009 02:43:05	Dark	52.500	103	38Zet Sgr	2.6000	9700.0	105	37232	No
18	GOM_NL__2PRFIN20090414_024641_000000522078_00104_37232_7154.N1	14-APR-2009 02:46:41	Dark	52.000	38	20Eps Sgr	1.8360	11000.	104	37232	No
19	GOM_NL__2PRFIN20090414_024907_000000392078_00104_37232_7155.N1	14-APR-2009 02:49:07	Dark	38.500	147	Alp Ara	2.8770	26000.	77	37232	No
20	GOM_NL__2PRFIN20090414_025042_000000402078_00104_37232_7156.N1	14-APR-2009 02:50:42	Dark	39.500	25	35Lam Sco	1.6200	28000.	79	37232	No
21	GOM_NL__2PRFIN20090414_025640_000000392078_00104_37232_7157.N1	14-APR-2009 02:56:40	Straylight	39.000	131	Gam Lup	2.8000	26000.	78	37232	No
22	GOM_NL__2PRFIN20090414_031943_000000422078_00104_37232_7158.N1	14-APR-2009 03:19:43	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	37232	No
23	GOM_NL__2PRFIN20090414_032845_000000372078_00104_37232_7159.N1	14-APR-2009 03:28:45	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	37232	No
24	GOM_NL__2PRFIN20090414_033720_000000382078_00104_37232_7160.N1	14-APR-2009 03:37:20	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37232	No
25	GOM_NL__2PRFIN20090414_035104_000000322078_00104_37232_7161.N1	14-APR-2009 03:51:04	Twilight	32.000	19	50Alp Cyg	1.2460	10500.	64	37232	No
26	GOM_NL__2PRFIN20090414_035250_000000352078_00104_37232_7162.N1	14-APR-2009 03:52:50	Twilight	35.000	66	37Gam Cyg	2.2080	5900.0	70	37232	No
27	GOM_NL__2PRFIN20090414_035519_000000342078_00104_37232_7163.N1	14-APR-2009 03:55:19	Twilight	33.500	92	53Eps Cyg	2.5000	4500.0	67	37232	No
28	GOM_NL__2PRFIN20090414_042342_000000532078_00105_37233_7163.N1	14-APR-2009 04:23:42	Dark	53.000	103	38Zet Sgr	2.6000	9700.0	106	37233	No
29	GOM_NL__2PRFIN20090414_042719_000000522078_00105_37233_7164.N1	14-APR-2009 04:27:19	Dark	52.000	38	20Eps Sgr	1.8360	11000.	104	37233	No
30	GOM_NL__2PRFIN20090414_042944_000000392078_00105_37233_7165.N1	14-APR-2009 04:29:44	Dark	38.500	147	Alp Ara	2.8770	26000.	77	37233	No
31	GOM_NL__2PRFIN20090414_043119_000000502078_00105_37233_7166.N1	14-APR-2009 04:31:19	Dark	50.000	25	35Lam Sco	1.6200	28000.	100	37233	No
32	GOM_NL__2PRFIN20090414_043716_000000392078_00105_37233_7167.N1	14-APR-2009 04:37:16	Straylight	38.500	131	Gam Lup	2.8000	26000.	77	37233	No
33	GOM_NL__2PRFIN20090414_050019_000000422078_00105_37233_7168.N1	14-APR-2009 05:00:19	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	37233	No
34	GOM_NL__2PRFIN20090414_050921_000000372078_00105_37233_7169.N1	14-APR-2009 05:09:21	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	37233	No
35	GOM_NL__2PRFIN20090414_051755_000000382078_00105_37233_7170.N1	14-APR-2009 05:17:55	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37233	No
36	GOM_NL__2PRFIN20090414_053140_000000322078_00105_37233_7171.N1	14-APR-2009 05:31:40	Twilight	32.000	19	50Alp Cyg	1.2460	10500.	64	37233	No
37	GOM_NL__2PRFIN20090414_053326_000000352078_00105_37233_7172.N1	14-APR-2009 05:33:26	Twilight	35.000	66	37Gam Cyg	2.2080	5900.0	70	37233	No
38	GOM_NL__2PRFIN20090414_053555_000000342078_00105_37233_7173.N1	14-APR-2009 05:35:55	Twilight	33.500	92	53Eps Cyg	2.5000	4500.0	67	37233	No
39	GOM_NL__2PRFIN20090414_060420_000000532078_00106_37234_7199.N1	14-APR-2009 06:04:20	Dark	52.500	103	38Zet Sgr	2.6000	9700.0	105	37234	No
40	GOM_NL__2PRFIN20090414_060756_000000522078_00106_37234_7200.N1	14-APR-2009 06:07:56	Dark	52.000	38	20Eps Sgr	1.8360	11000.	104	37234	No
41	GOM_NL__2PRFIN20090414_061021_000000392078_00106_37234_7201.N1	14-APR-2009 06:10:21	Dark	38.500	147	Alp Ara	2.8770	26000.	77	37234	No
42	GOM_NL__2PRFIN20090414_061156_000000502078_00106_37234_7202.N1	14-APR-2009 06:11:56	Dark	50.000	25	35Lam Sco	1.6200	28000.	100	37234	No

43	GOM_NL__2PRFIN20090414_061753_000000392078_00106_37234_7203.N1	14-APR-2009 06:17:53	Straylight	38.500	131	Gam Lup	2.8000	26000.	77	37234	No
44	GOM_NL__2PRFIN20090414_064054_000000422078_00106_37234_7204.N1	14-APR-2009 06:40:54	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	37234	No
45	GOM_NL__2PRFIN20090414_064956_000000372078_00106_37234_7205.N1	14-APR-2009 06:49:56	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	37234	No
46	GOM_NL__2PRFIN20090414_065830_000000382078_00106_37234_7206.N1	14-APR-2009 06:58:30	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37234	No
47	GOM_NL__2PRFIN20090414_071216_000000322078_00106_37234_7207.N1	14-APR-2009 07:12:16	Twi_and_stray	32.000	19	50Alp Cyg	1.2460	10500.	64	37234	No
48	GOM_NL__2PRFIN20090414_071402_000000352078_00106_37234_7208.N1	14-APR-2009 07:14:02	Twi_and_stray	35.000	66	37Gam Cyg	2.2080	5900.0	70	37234	No
49	GOM_NL__2PRFIN20090414_071631_000000342078_00106_37234_7209.N1	14-APR-2009 07:16:31	Twi_and_stray	33.500	92	53Eps Cyg	2.5000	4500.0	67	37234	No
50	GOM_NL__2PRFIN20090414_074458_000000552078_00107_37235_7224.N1	14-APR-2009 07:44:58	Dark	54.500	103	38Zet Sgr	2.6000	9700.0	109	37235	No
51	GOM_NL__2PRFIN20090414_074834_000000532078_00107_37235_7225.N1	14-APR-2009 07:48:34	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37235	No
52	GOM_NL__2PRFIN20090414_075058_000000402078_00107_37235_7226.N1	14-APR-2009 07:50:58	Dark	39.500	147	Alp Ara	2.8770	26000.	79	37235	No
53	GOM_NL__2PRFIN20090414_075233_000000512078_00107_37235_7227.N1	14-APR-2009 07:52:33	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37235	No
54	GOM_NL__2PRFIN20090414_075830_000000392078_00107_37235_7228.N1	14-APR-2009 07:58:30	Straylight	38.500	131	Gam Lup	2.8000	26000.	77	37235	No
55	GOM_NL__2PRFIN20090414_082130_000000432078_00107_37235_7229.N1	14-APR-2009 08:21:30	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	37235	No
56	GOM_NL__2PRFIN20090414_083032_000000382078_00107_37235_7230.N1	14-APR-2009 08:30:32	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	37235	No
57	GOM_NL__2PRFIN20090414_083905_000000392078_00107_37235_7231.N1	14-APR-2009 08:39:05	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	37235	No
58	GOM_NL__2PRFIN20090414_085251_000000332078_00107_37235_7232.N1	14-APR-2009 08:52:51	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37235	No
59	GOM_NL__2PRFIN20090414_085438_000000362078_00107_37235_7233.N1	14-APR-2009 08:54:38	Twi_and_stray	36.000	66	37Gam Cyg	2.2080	5900.0	72	37235	No
60	GOM_NL__2PRFIN20090414_085707_000000342078_00107_37235_7234.N1	14-APR-2009 08:57:07	Twi_and_stray	34.000	92	53Eps Cyg	2.5000	4500.0	68	37235	No
61	GOM_NL__2PRFIN20090414_092535_000000542078_00108_37236_7249.N1	14-APR-2009 09:25:35	Dark	53.500	103	38Zet Sgr	2.6000	9700.0	107	37236	No
62	GOM_NL__2PRFIN20090414_092911_000000532078_00108_37236_7250.N1	14-APR-2009 09:29:11	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37236	No
63	GOM_NL__2PRFIN20090414_093135_000000402078_00108_37236_7251.N1	14-APR-2009 09:31:35	Dark	39.500	147	Alp Ara	2.8770	26000.	79	37236	No
64	GOM_NL__2PRFIN20090414_093310_000000522078_00108_37236_7252.N1	14-APR-2009 09:33:10	Dark	51.500	25	35Lam Sco	1.6200	28000.	103	37236	No
65	GOM_NL__2PRFIN20090414_093906_000000392078_00108_37236_7253.N1	14-APR-2009 09:39:06	Straylight	38.500	131	Gam Lup	2.8000	26000.	77	37236	No
66	GOM_NL__2PRFIN20090414_100205_000000432078_00108_37236_7254.N1	14-APR-2009 10:02:05	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	37236	No
67	GOM_NL__2PRFIN20090414_101007_000000252078_00108_37236_7255.N1	14-APR-2009 10:10:07	Twi_and_stray	25.000	180	27Gam Boo	3.0400	8000.0	50	37236	No
68	GOM_NL__2PRFIN20090414_101107_000000382078_00108_37236_7256.N1	14-APR-2009 10:11:07	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	37236	No
69	GOM_NL__2PRFIN20090414_101940_000000402078_00108_37236_7257.N1	14-APR-2009 10:19:40	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	37236	No
70	GOM_NL__2PRFIN20090414_103327_000000332078_00108_37236_7258.N1	14-APR-2009 10:33:27	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37236	No
71	GOM_NL__2PRFIN20090414_103514_000000362078_00108_37236_7259.N1	14-APR-2009 10:35:14	Twi_and_stray	36.000	66	37Gam Cyg	2.2080	5900.0	72	37236	No
72	GOM_NL__2PRFIN20090414_103743_000000352078_00108_37236_7260.N1	14-APR-2009 10:37:43	Twi_and_stray	34.500	92	53Eps Cyg	2.5000	4500.0	69	37236	No
73	GOM_NL__2PRFIN20090414_110613_000000552078_00109_37237_7265.N1	14-APR-2009 11:06:13	Dark	54.500	103	38Zet Sgr	2.6000	9700.0	109	37237	No
74	GOM_NL__2PRFIN20090414_110949_000000542078_00109_37237_7266.N1	14-APR-2009 11:09:49	Dark	53.500	38	20Eps Sgr	1.8360	11000.	107	37237	No
75	GOM_NL__2PRFIN20090414_111211_000000402078_00109_37237_7267.N1	14-APR-2009 11:12:11	Dark	39.500	147	Alp Ara	2.8770	26000.	79	37237	No
76	GOM_NL__2PRFIN20090414_111348_000000512078_00109_37237_7268.N1	14-APR-2009 11:13:48	Dark	51.000	25	35Lam Sco	1.6200	28000.	102	37237	No
77	GOM_NL__2PRFIN20090414_111943_000000392078_00109_37237_7269.N1	14-APR-2009 11:19:43	Straylight	39.000	131	Gam Lup	2.8000	26000.	78	37237	No
78	GOM_NL__2PRFIN20090414_114240_000000432078_00109_37237_7270.N1	14-APR-2009 11:42:40	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	37237	No
79	GOM_NL__2PRFIN20090414_115042_000000252078_00109_37237_7271.N1	14-APR-2009 11:50:42	Twi_and_stray	25.000	180	27Gam Boo	3.0400	8000.0	50	37237	No
80	GOM_NL__2PRFIN20090414_115142_000000382078_00109_37237_7272.N1	14-APR-2009 11:51:42	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	37237	No
81	GOM_NL__2PRFIN20090414_120016_000000392078_00109_37237_7273.N1	14-APR-2009 12:00:16	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	37237	No
82	GOM_NL__2PRFIN20090414_121403_000000332078_00109_37237_7274.N1	14-APR-2009 12:14:03	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37237	No
83	GOM_NL__2PRFIN20090414_121549_000000362078_00109_37237_7275.N1	14-APR-2009 12:15:49	Twi_and_stray	36.000	66	37Gam Cyg	2.2080	5900.0	72	37237	No
84	GOM_NL__2PRFIN20090414_121819_000000352078_00109_37237_7276.N1	14-APR-2009 12:18:19	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	37237	No
85	GOM_NL__2PRFIN20090414_124650_000000542078_00110_37238_7303.N1	14-APR-2009 12:46:50	Dark	53.500	103	38Zet Sgr	2.6000	9700.0	107	37238	No
86	GOM_NL__2PRFIN20090414_125026_000000532078_00110_37238_7304.N1	14-APR-2009 12:50:26	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37238	No
87	GOM_NL__2PRFIN20090414_125248_000000402078_00110_37238_7305.N1	14-APR-2009 12:52:48	Dark	39.500	147	Alp Ara	2.8770	26000.	79	37238	No
88	GOM_NL__2PRFIN20090414_125425_000000512078_00110_37238_7306.N1	14-APR-2009 12:54:25	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37238	No
89	GOM_NL__2PRFIN20090414_130020_000000392078_00110_37238_7307.N1	14-APR-2009 13:00:20	Straylight	38.500	131	Gam Lup	2.8000	26000.	77	37238	No
90	GOM_NL__2PRFIN20090414_132316_000000422078_00110_37238_7308.N1	14-APR-2009 13:23:16	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	37238	No
91	GOM_NL__2PRFIN20090414_133117_000000312078_00110_37238_7309.N1	14-APR-2009 13:31:17	Twi_and_stray	31.000	180	27Gam Boo	3.0400	8000.0	62	37238	No
92	GOM_NL__2PRFIN20090414_133217_000000342078_00110_37238_7310.N1	14-APR-2009 13:32:17	Bright	33.500	39	85Eta UMa	1.8540	24000.	67	37238	No
93	GOM_NL__2PRFIN20090414_135438_000000322078_00110_37238_7311.N1	14-APR-2009 13:54:38	Twi_and_stray	31.500	19	50Alp Cyg	1.2460	10500.	63	37238	No
94	GOM_NL__2PRFIN20090414_135625_000000342078_00110_37238_7312.N1	14-APR-2009 13:56:25	Twi_and_stray	34.000	66	37Gam Cyg	2.2080	5900.0	68	37238	No
95	GOM_NL__2PRFIN20090414_135855_000000332078_00110_37238_7313.N1	14-APR-2009 13:58:55	Twi_and_stray	32.500	92	53Eps Cyg	2.5000	4500.0	65	37238	No
96	GOM_NL__2PRFIN20090414_142728_000000512078_00111_37239_7333.N1	14-APR-2009 14:27:28	Dark	51.000	103	38Zet Sgr	2.6000	9700.0	102	37239	No
97	GOM_NL__2PRFIN20090414_143103_000000502078_00111_37239_7334.N1	14-APR-2009 14:31:03	Dark	50.000	38	20Eps Sgr	1.8360	11000.	100	37239	No
98	GOM_NL__2PRFIN20090414_143325_000000382078_00111_37239_7335.N1	14-APR-2009 14:33:25	Dark	37.500	147	Alp Ara	2.8770	26000.	75	37239	No
99	GOM_NL__2PRFIN20090414_143502_000000482078_00111_37239_7336.N1	14-APR-2009 14:35:02	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	37239	No
100	GOM_NL__2PRFIN20090414_144056_000000372078_00111_37239_7337.N1	14-APR-2009 14:40:56	Straylight	37.000	131	Gam Lup	2.8000	26000.	74	37239	No
101	GOM_NL__2PRFIN20090414_150351_000000402078_00111_37239_7338.N1	14-APR-2009 15:03:51	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	37239	No

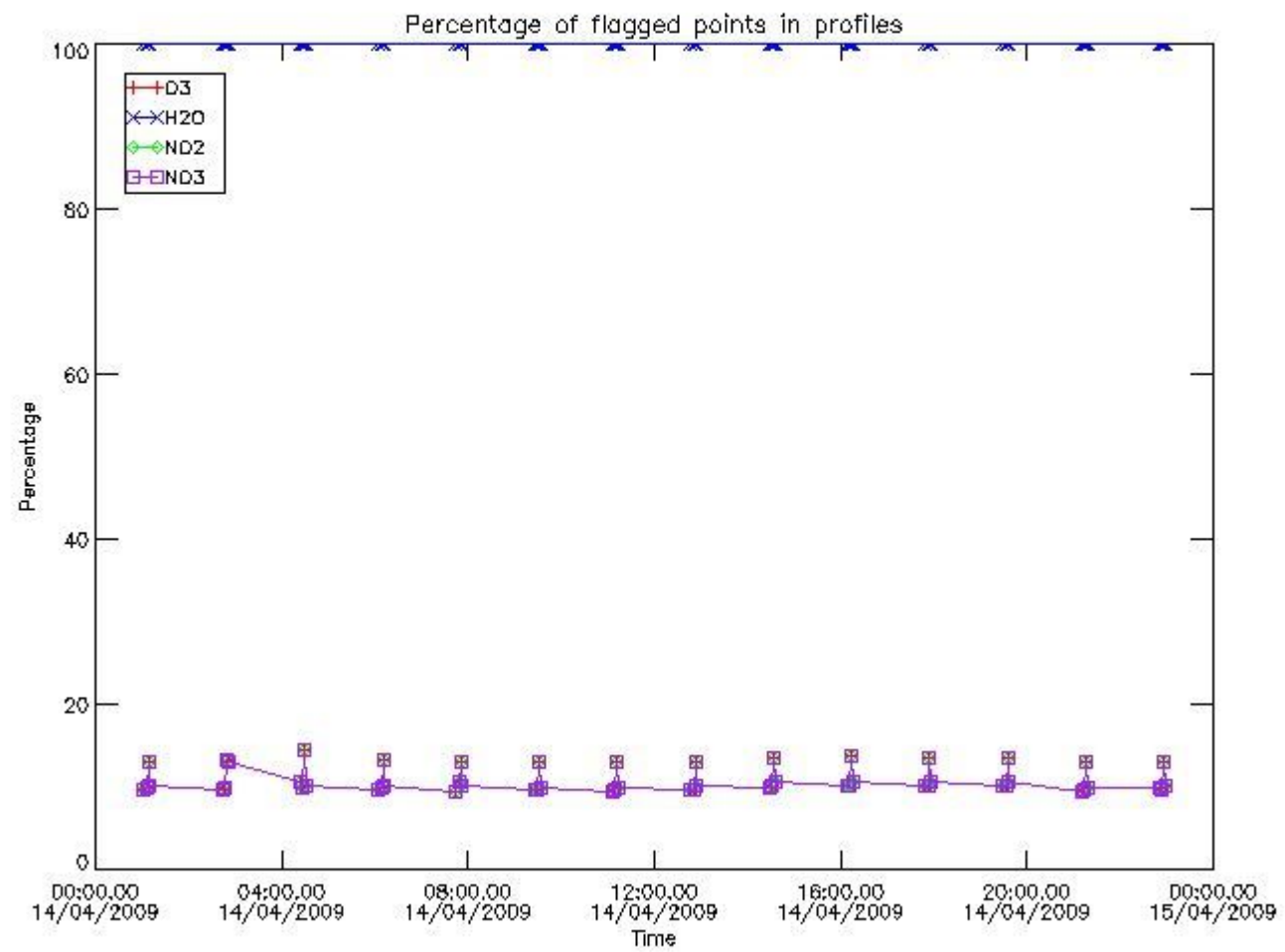
102	GOM_NL__2PRFIN20090414_151152_000000312078_00111_37239_7339.N1	14-APR-2009 15:11:52	Twilight	31.000	180	27Gam Boo	3.0400	8000.0	62	37239	No
103	GOM_NL__2PRFIN20090414_151253_000000362078_00111_37239_7340.N1	14-APR-2009 15:12:53	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	37239	No
104	GOM_NL__2PRFIN20090414_152126_000000372078_00111_37239_7341.N1	14-APR-2009 15:21:26	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	37239	No
105	GOM_NL__2PRFIN20090414_153514_000000312078_00111_37239_7342.N1	14-APR-2009 15:35:14	Twilight	31.000	19	50Alp Cyg	1.2460	10500.	62	37239	No
106	GOM_NL__2PRFIN20090414_153701_000000342078_00111_37239_7343.N1	14-APR-2009 15:37:01	Twilight	34.000	66	37Gam Cyg	2.2080	5900.0	68	37239	No
107	GOM_NL__2PRFIN20090414_153931_000000322078_00111_37239_7344.N1	14-APR-2009 15:39:31	Twilight	32.000	92	53Eps Cyg	2.5000	4500.0	64	37239	No
108	GOM_NL__2PRFIN20090414_160806_000000512078_00112_37240_7338.N1	14-APR-2009 16:08:06	Dark	50.500	103	38Zet Sgr	2.6000	9700.0	101	37240	No
109	GOM_NL__2PRFIN20090414_161141_000000502078_00112_37240_7339.N1	14-APR-2009 16:11:41	Dark	50.000	38	20Eps Sgr	1.8360	11000.	100	37240	No
110	GOM_NL__2PRFIN20090414_161402_000000372078_00112_37240_7340.N1	14-APR-2009 16:14:02	Dark	37.000	147	Alp Ara	2.8770	26000.	74	37240	No
111	GOM_NL__2PRFIN20090414_161539_000000482078_00112_37240_7341.N1	14-APR-2009 16:15:39	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	37240	No
112	GOM_NL__2PRFIN20090414_162133_000000372078_00112_37240_7342.N1	14-APR-2009 16:21:33	Straylight	36.500	131	Gam Lup	2.8000	26000.	73	37240	No
113	GOM_NL__2PRFIN20090414_164426_000000402078_00112_37240_7343.N1	14-APR-2009 16:44:26	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	37240	No
114	GOM_NL__2PRFIN20090414_165227_000000362078_00112_37240_7344.N1	14-APR-2009 16:52:27	Twilight	36.000	180	27Gam Boo	3.0400	8000.0	72	37240	No
115	GOM_NL__2PRFIN20090414_165328_000000352078_00112_37240_7345.N1	14-APR-2009 16:53:28	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	37240	No
116	GOM_NL__2PRFIN20090414_170201_000000372078_00112_37240_7346.N1	14-APR-2009 17:02:01	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	37240	No
117	GOM_NL__2PRFIN20090414_171550_000000312078_00112_37240_7347.N1	14-APR-2009 17:15:50	Twilight	31.000	19	50Alp Cyg	1.2460	10500.	62	37240	No
118	GOM_NL__2PRFIN20090414_171737_000000342078_00112_37240_7348.N1	14-APR-2009 17:17:37	Twilight	33.500	66	37Gam Cyg	2.2080	5900.0	67	37240	No
119	GOM_NL__2PRFIN20090414_172007_000000322078_00112_37240_7349.N1	14-APR-2009 17:20:07	Twilight	32.000	92	53Eps Cyg	2.5000	4500.0	64	37240	No
120	GOM_NL__2PRFIN20090414_174843_000000512078_00113_37241_7357.N1	14-APR-2009 17:48:43	Dark	50.500	103	38Zet Sgr	2.6000	9700.0	101	37241	No
121	GOM_NL__2PRFIN20090414_175218_000000502078_00113_37241_7358.N1	14-APR-2009 17:52:18	Dark	50.000	38	20Eps Sgr	1.8360	11000.	100	37241	No
122	GOM_NL__2PRFIN20090414_175439_000000382078_00113_37241_7359.N1	14-APR-2009 17:54:39	Dark	37.500	147	Alp Ara	2.8770	26000.	75	37241	No
123	GOM_NL__2PRFIN20090414_175617_000000482078_00113_37241_7360.N1	14-APR-2009 17:56:17	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	37241	No
124	GOM_NL__2PRFIN20090414_180209_000000372078_00113_37241_7361.N1	14-APR-2009 18:02:09	Straylight	37.000	131	Gam Lup	2.8000	26000.	74	37241	No
125	GOM_NL__2PRFIN20090414_182502_000000402078_00113_37241_7362.N1	14-APR-2009 18:25:02	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	37241	No
126	GOM_NL__2PRFIN20090414_183302_000000362078_00113_37241_7363.N1	14-APR-2009 18:33:02	Twilight	36.000	180	27Gam Boo	3.0400	8000.0	72	37241	No
127	GOM_NL__2PRFIN20090414_183404_000000352078_00113_37241_7364.N1	14-APR-2009 18:34:04	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	37241	No
128	GOM_NL__2PRFIN20090414_184237_000000372078_00113_37241_7365.N1	14-APR-2009 18:42:37	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	37241	No
129	GOM_NL__2PRFIN20090414_185626_000000312078_00113_37241_7366.N1	14-APR-2009 18:56:26	Twilight	31.000	19	50Alp Cyg	1.2460	10500.	62	37241	No
130	GOM_NL__2PRFIN20090414_185813_000000342078_00113_37241_7367.N1	14-APR-2009 18:58:13	Twilight	33.500	66	37Gam Cyg	2.2080	5900.0	67	37241	No
131	GOM_NL__2PRFIN20090414_190043_000000322078_00113_37241_7368.N1	14-APR-2009 19:00:43	Twilight	32.000	92	53Eps Cyg	2.5000	4500.0	64	37241	No
132	GOM_NL__2PRFIN20090414_192921_000000512078_00114_37242_7373.N1	14-APR-2009 19:29:21	Dark	50.500	103	38Zet Sgr	2.6000	9700.0	101	37242	No
133	GOM_NL__2PRFIN20090414_193256_000000502078_00114_37242_7374.N1	14-APR-2009 19:32:56	Dark	50.000	38	20Eps Sgr	1.8360	11000.	100	37242	No
134	GOM_NL__2PRFIN20090414_193516_000000382078_00114_37242_7375.N1	14-APR-2009 19:35:16	Dark	37.500	147	Alp Ara	2.8770	26000.	75	37242	No
135	GOM_NL__2PRFIN20090414_193654_000000482078_00114_37242_7376.N1	14-APR-2009 19:36:54	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	37242	No
136	GOM_NL__2PRFIN20090414_194246_000000372078_00114_37242_7377.N1	14-APR-2009 19:42:46	Straylight	37.000	131	Gam Lup	2.8000	26000.	74	37242	No
137	GOM_NL__2PRFIN20090414_200537_000000402078_00114_37242_7378.N1	14-APR-2009 20:05:37	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	37242	No
138	GOM_NL__2PRFIN20090414_201337_000000422078_00114_37242_7379.N1	14-APR-2009 20:13:37	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	37242	No
139	GOM_NL__2PRFIN20090414_202312_000000372078_00114_37242_7380.N1	14-APR-2009 20:23:12	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	37242	No
140	GOM_NL__2PRFIN20090414_203702_000000312078_00114_37242_7381.N1	14-APR-2009 20:37:02	Twilight	31.000	19	50Alp Cyg	1.2460	10500.	62	37242	No
141	GOM_NL__2PRFIN20090414_203849_000000342078_00114_37242_7382.N1	14-APR-2009 20:38:49	Twilight	34.000	66	37Gam Cyg	2.2080	5900.0	68	37242	No
142	GOM_NL__2PRFIN20090414_204119_000000322078_00114_37242_7383.N1	14-APR-2009 20:41:19	Twilight	32.000	92	53Eps Cyg	2.5000	4500.0	64	37242	No
143	GOM_NL__2PRFIN20090414_210958_000000552078_00115_37243_7389.N1	14-APR-2009 21:09:58	Dark	54.500	103	38Zet Sgr	2.6000	9700.0	109	37243	No
144	GOM_NL__2PRFIN20090414_211333_000000542078_00115_37243_7390.N1	14-APR-2009 21:13:33	Dark	53.500	38	20Eps Sgr	1.8360	11000.	107	37243	No
145	GOM_NL__2PRFIN20090414_211553_000000392078_00115_37243_7391.N1	14-APR-2009 21:15:53	Dark	39.000	147	Alp Ara	2.8770	26000.	78	37243	No
146	GOM_NL__2PRFIN20090414_211731_000000512078_00115_37243_7392.N1	14-APR-2009 21:17:31	Dark	51.000	25	35Lam Sco	1.6200	28000.	102	37243	No
147	GOM_NL__2PRFIN20090414_212322_000000402078_00115_37243_7393.N1	14-APR-2009 21:23:22	Straylight	39.500	131	Gam Lup	2.8000	26000.	79	37243	No
148	GOM_NL__2PRFIN20090414_214613_000000422078_00115_37243_7394.N1	14-APR-2009 21:46:13	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	37243	No
149	GOM_NL__2PRFIN20090414_215412_000000422078_00115_37243_7395.N1	14-APR-2009 21:54:12	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	37243	No
150	GOM_NL__2PRFIN20090414_220347_000000402078_00115_37243_7396.N1	14-APR-2009 22:03:47	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	37243	No
151	GOM_NL__2PRFIN20090414_221738_000000342078_00115_37243_7397.N1	14-APR-2009 22:17:38	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	37243	No
152	GOM_NL__2PRFIN20090414_221924_000000372078_00115_37243_7398.N1	14-APR-2009 22:19:24	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	37243	No
153	GOM_NL__2PRFIN20090414_222155_000000342078_00115_37243_7399.N1	14-APR-2009 22:21:55	Twilight	34.000	92	53Eps Cyg	2.5000	4500.0	68	37243	No
154	GOM_NL__2PRFIN20090414_225036_000000522078_00116_37244_7432.N1	14-APR-2009 22:50:36	Dark	52.000	103	38Zet Sgr	2.6000	9700.0	104	37244	No
155	GOM_NL__2PRFIN20090414_225411_000000542078_00116_37244_7433.N1	14-APR-2009 22:54:11	Dark	53.500	38	20Eps Sgr	1.8360	11000.	107	37244	No
156	GOM_NL__2PRFIN20090414_225629_000000392078_00116_37244_7434.N1	14-APR-2009 22:56:29	Dark	39.000	147	Alp Ara	2.8770	26000.	78	37244	No
157	GOM_NL__2PRFIN20090414_225808_000000512078_00116_37244_7435.N1	14-APR-2009 22:58:08	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37244	No
158	GOM_NL__2PRFIN20090414_230359_000000392078_00116_37244_7436.N1	14-APR-2009 23:03:59	Straylight	39.000	131	Gam Lup	2.8000	26000.	78	37244	No
159	GOM_NL__2PRFIN20090414_232648_000000422078_00116_37244_7437.N1	14-APR-2009 23:26:48	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	37244	No
160	GOM_NL__2PRFIN20090414_233447_000000462078_00116_37244_7438.N1	14-APR-2009 23:34:47	Bright	45.500	180	27Gam Boo	3.0400	8000.0	91	37244	No

161	GOM_NL__2PRFIN20090414_234422_000000392078_00116_37244_7439.N1	14-APR-2009 23:44:22	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	37244	No
162	GOM_NL__2PRFIN20090414_235813_000000332078_00116_37244_7440.N1	14-APR-2009 23:58:13	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37244	No

3. Quality information per product

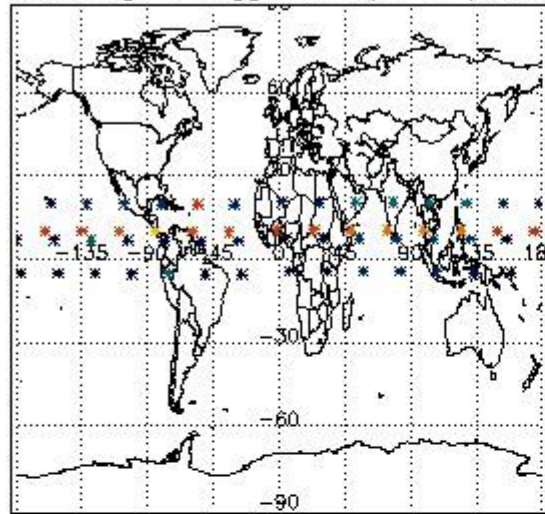
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

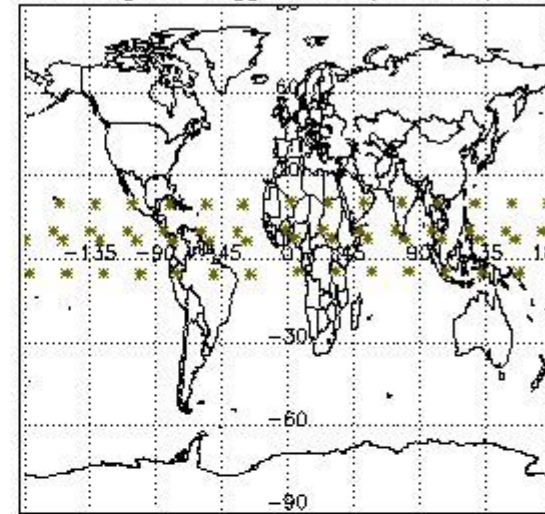


3.2 Plot quality information per product (world map)

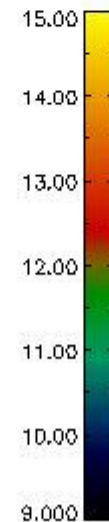
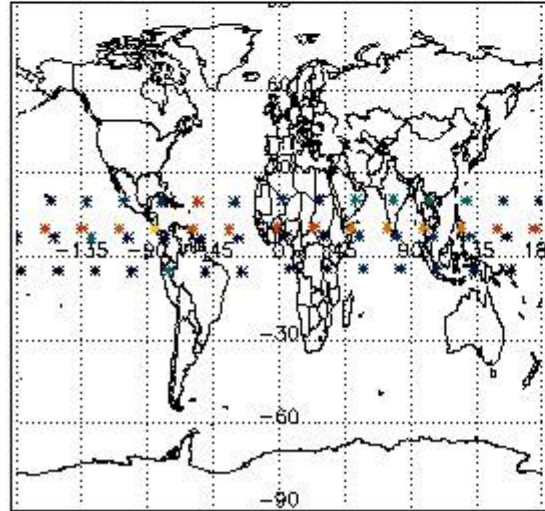
Percentage of flagged data per O3 profile



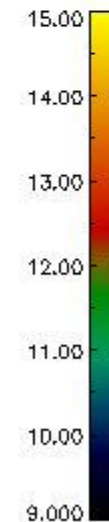
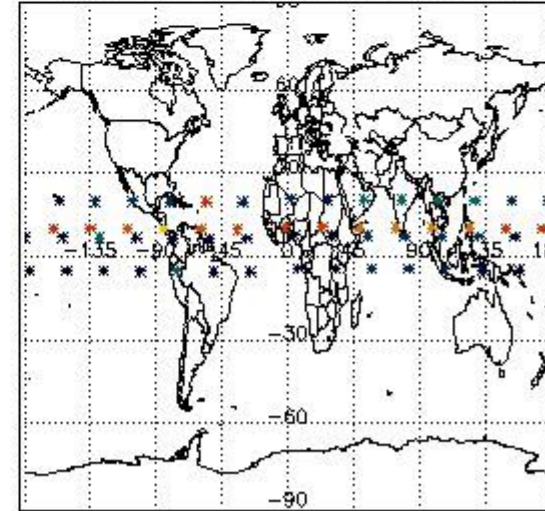
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

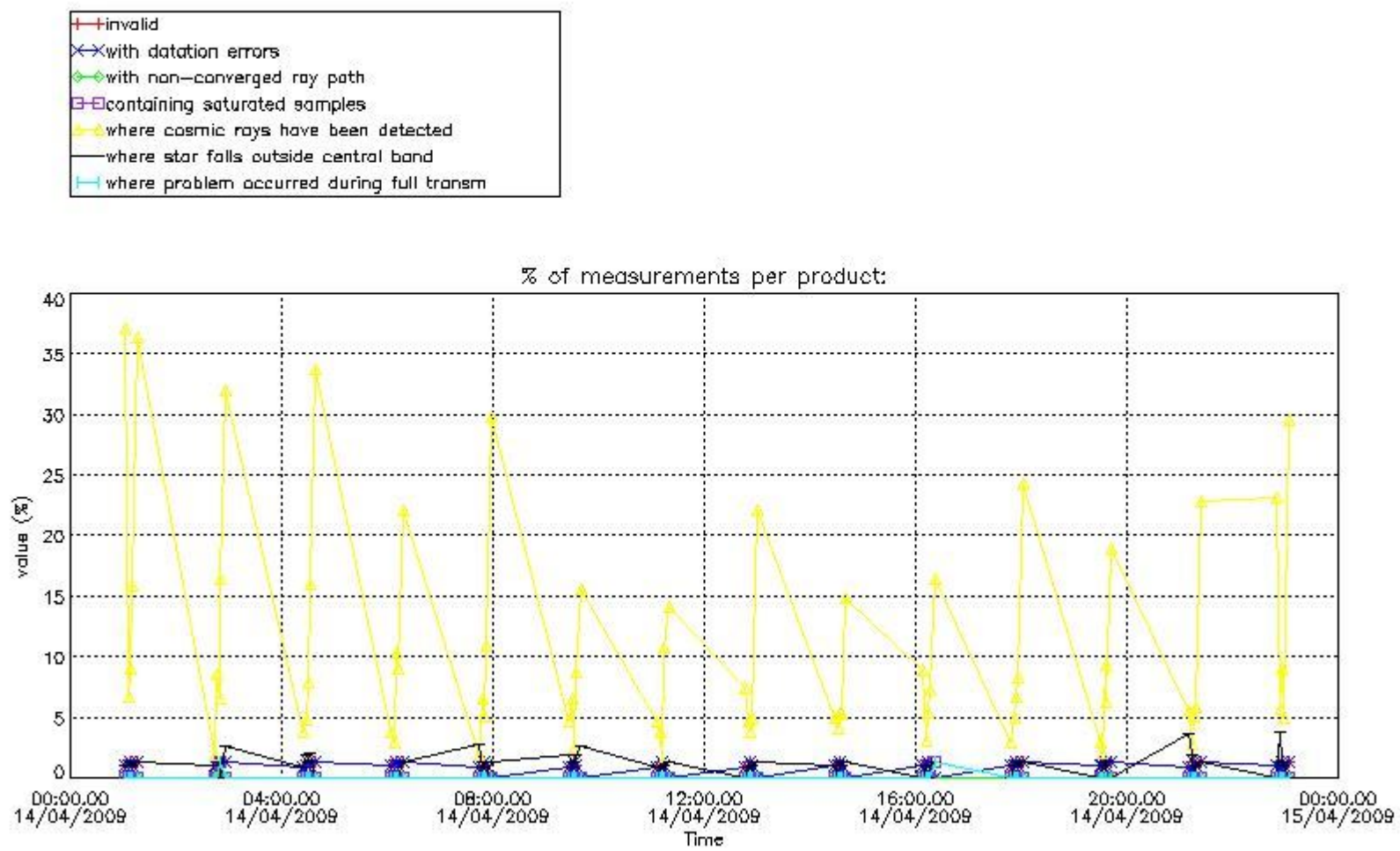


4. Level 1 quality information per product

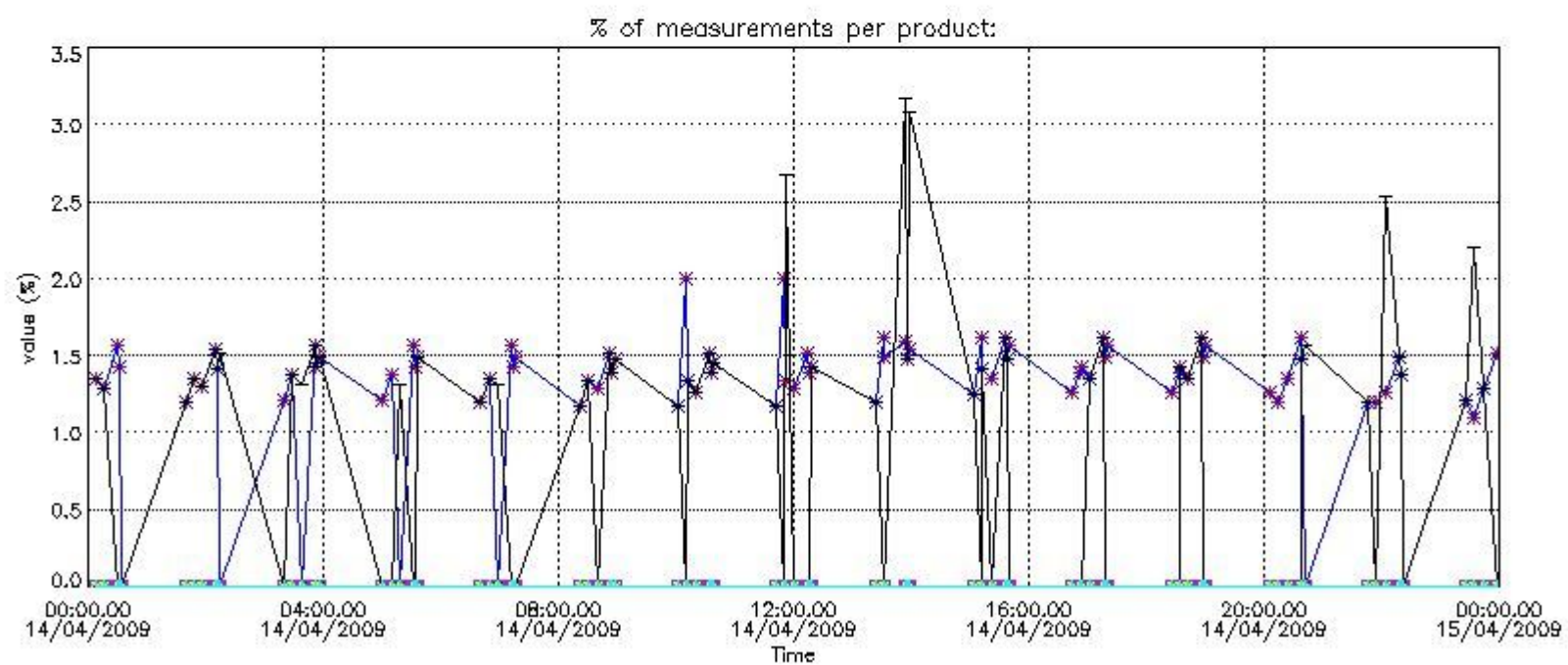
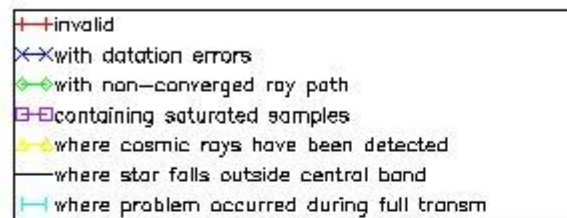
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



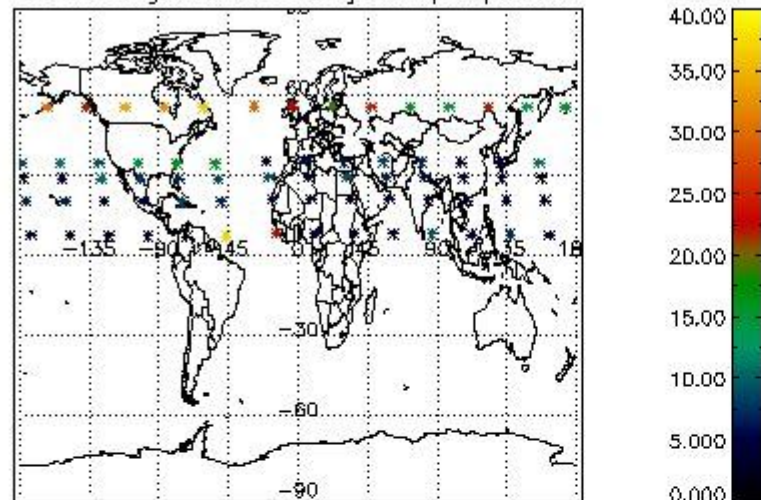
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



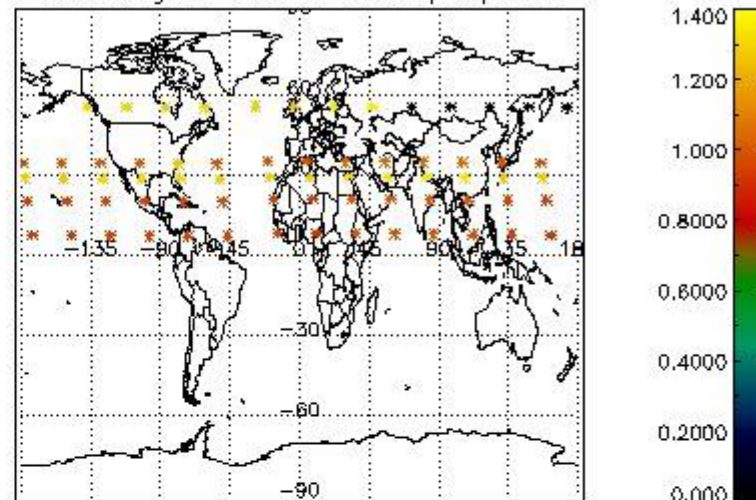
4.2 Plot quality information per product coming from level 1b processing (world map)

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

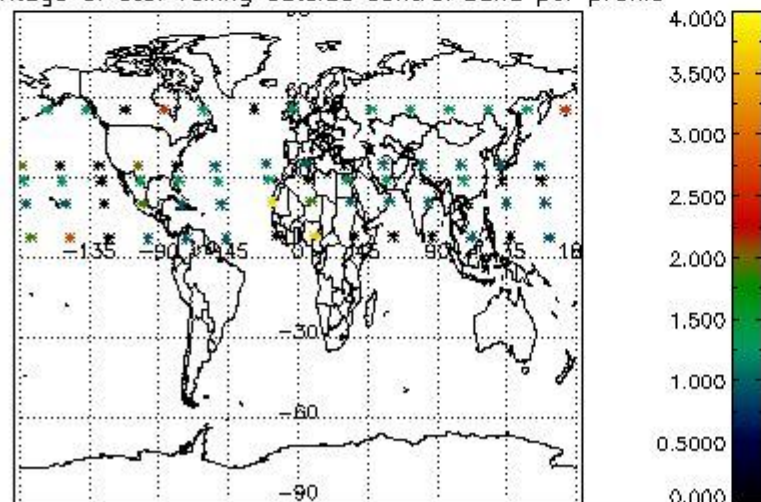
Percentage of cosmic ray hits per profile



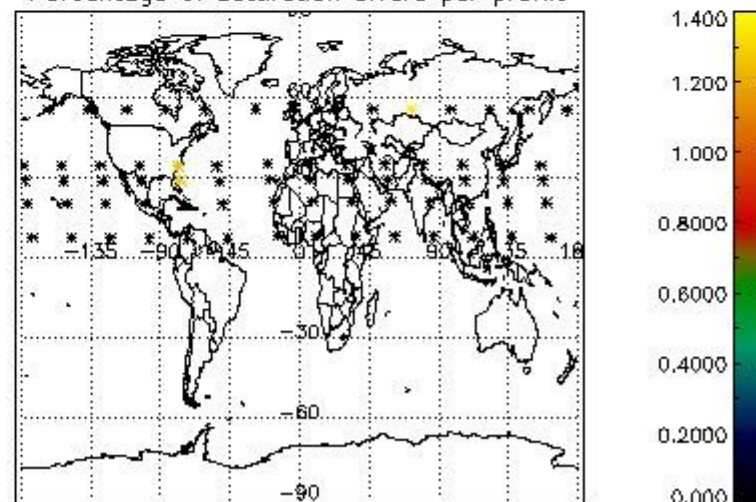
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

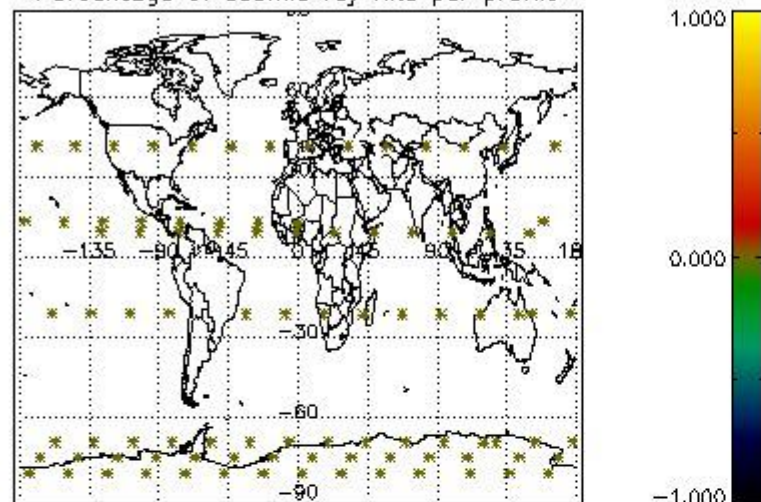


Percentage of saturation errors per profile

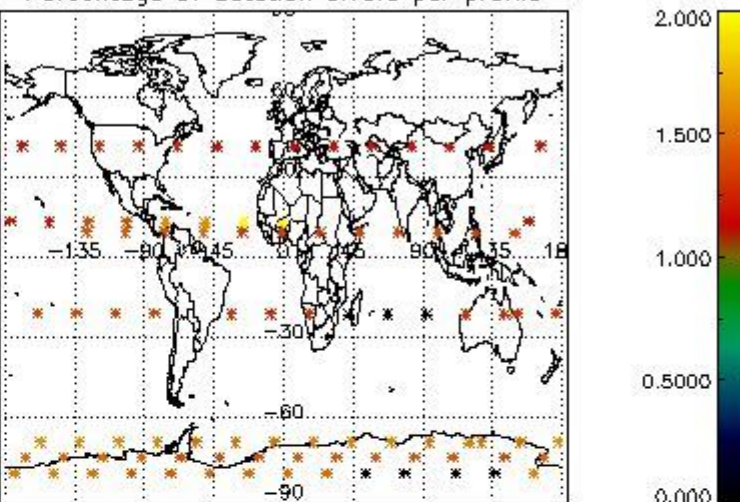


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

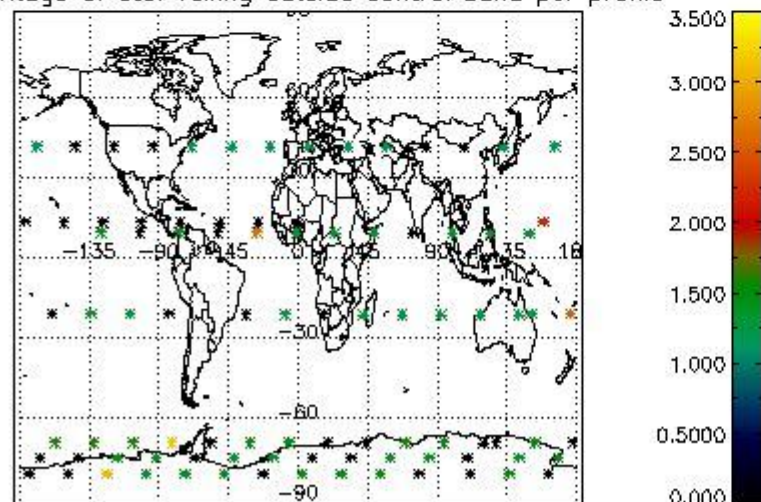
Percentage of cosmic ray hits per profile



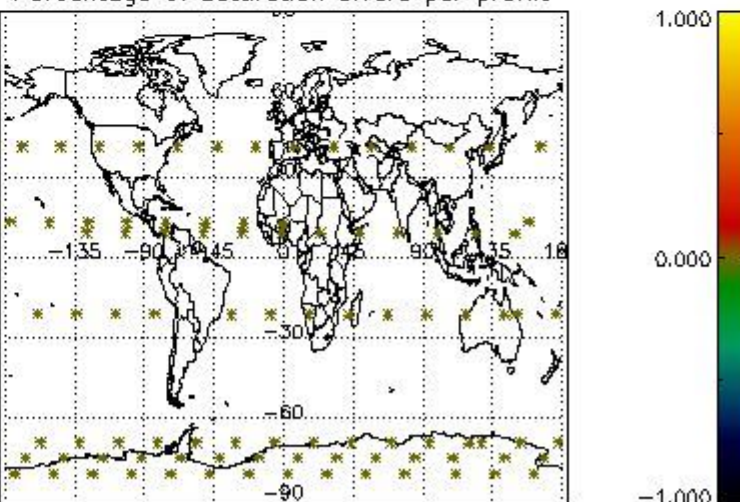
Percentage of datation errors per profile



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

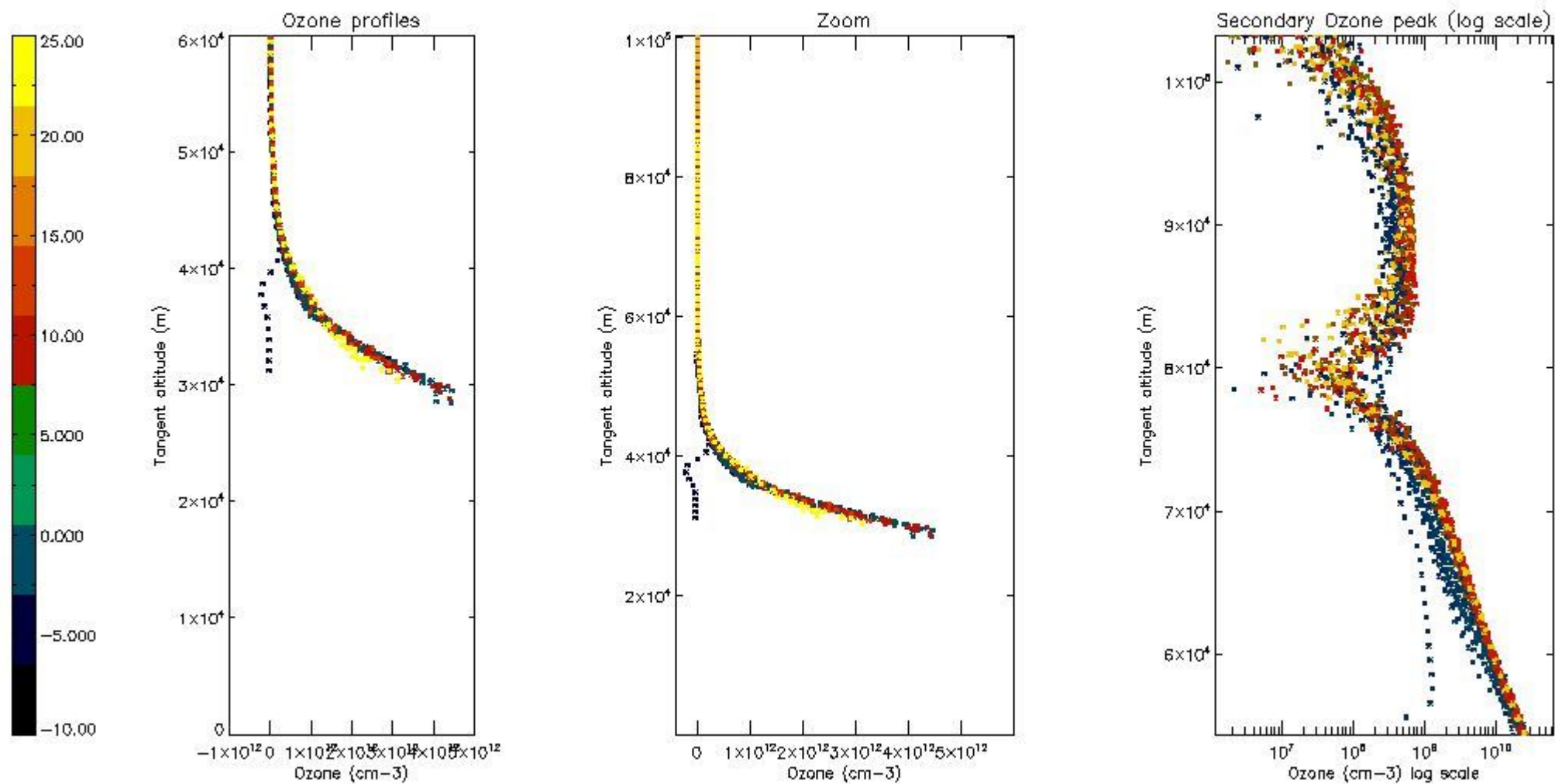
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	42
STD < 20	25

STD < 10	21
STD < 5	16

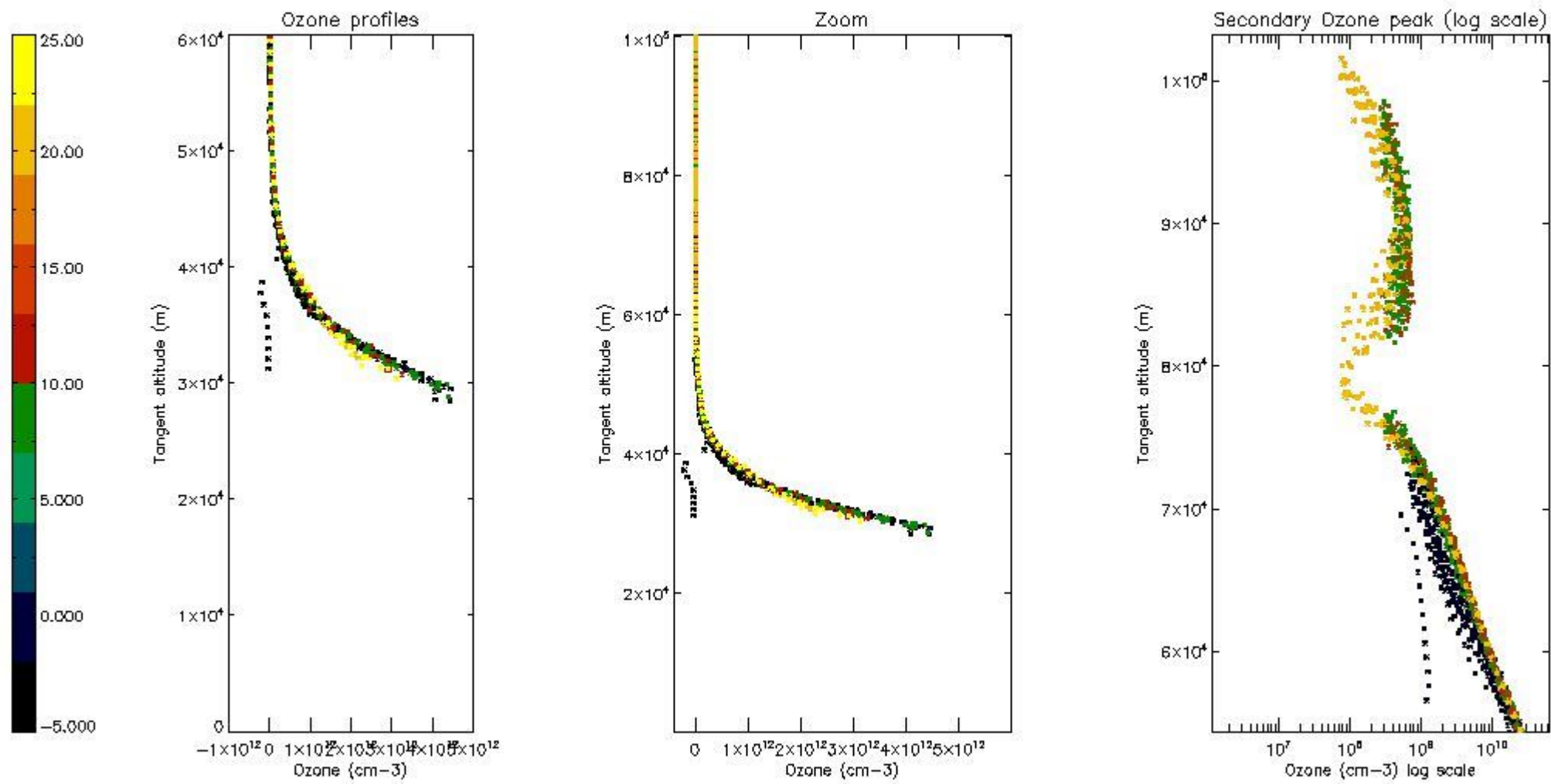
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



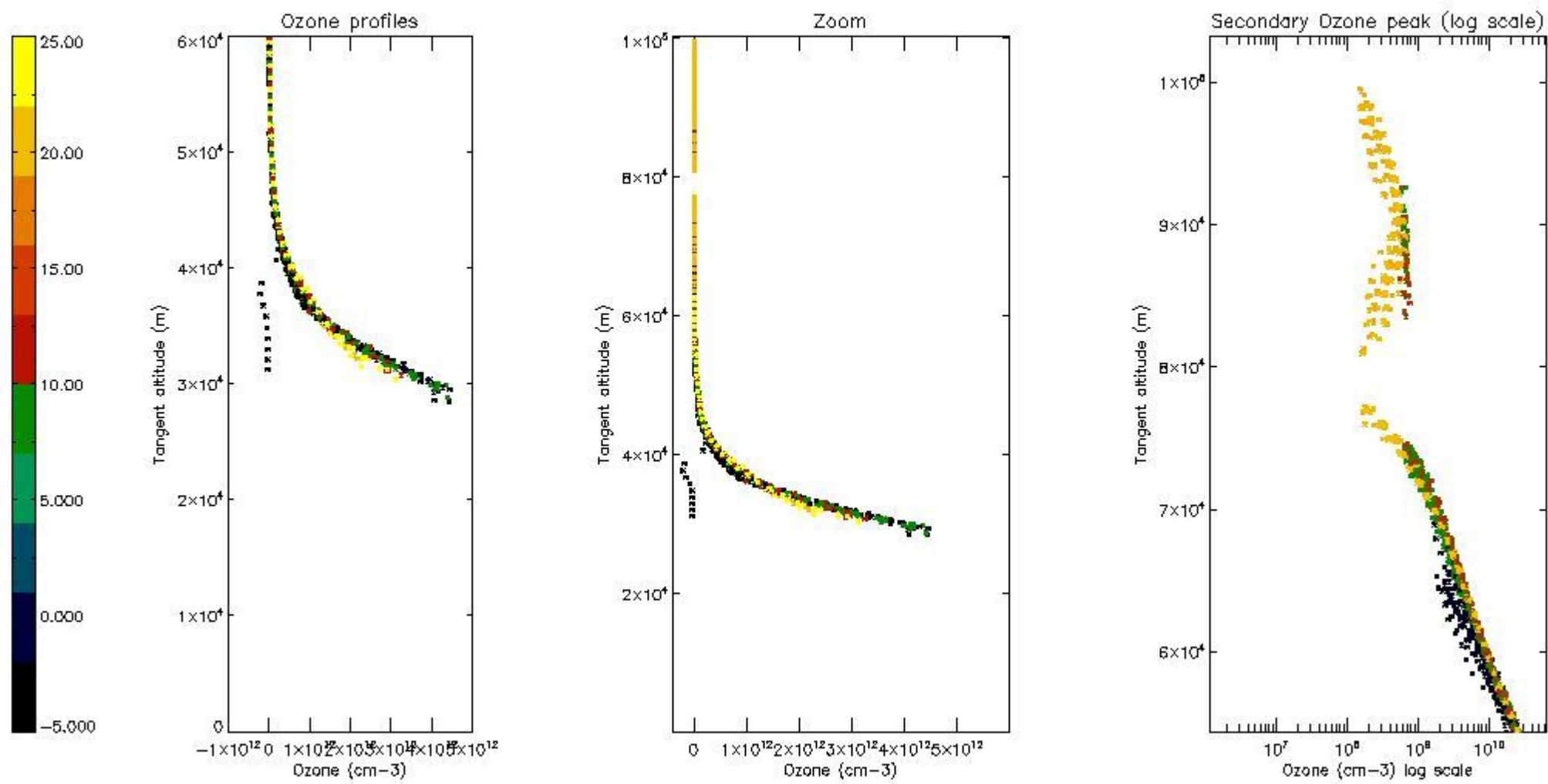
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



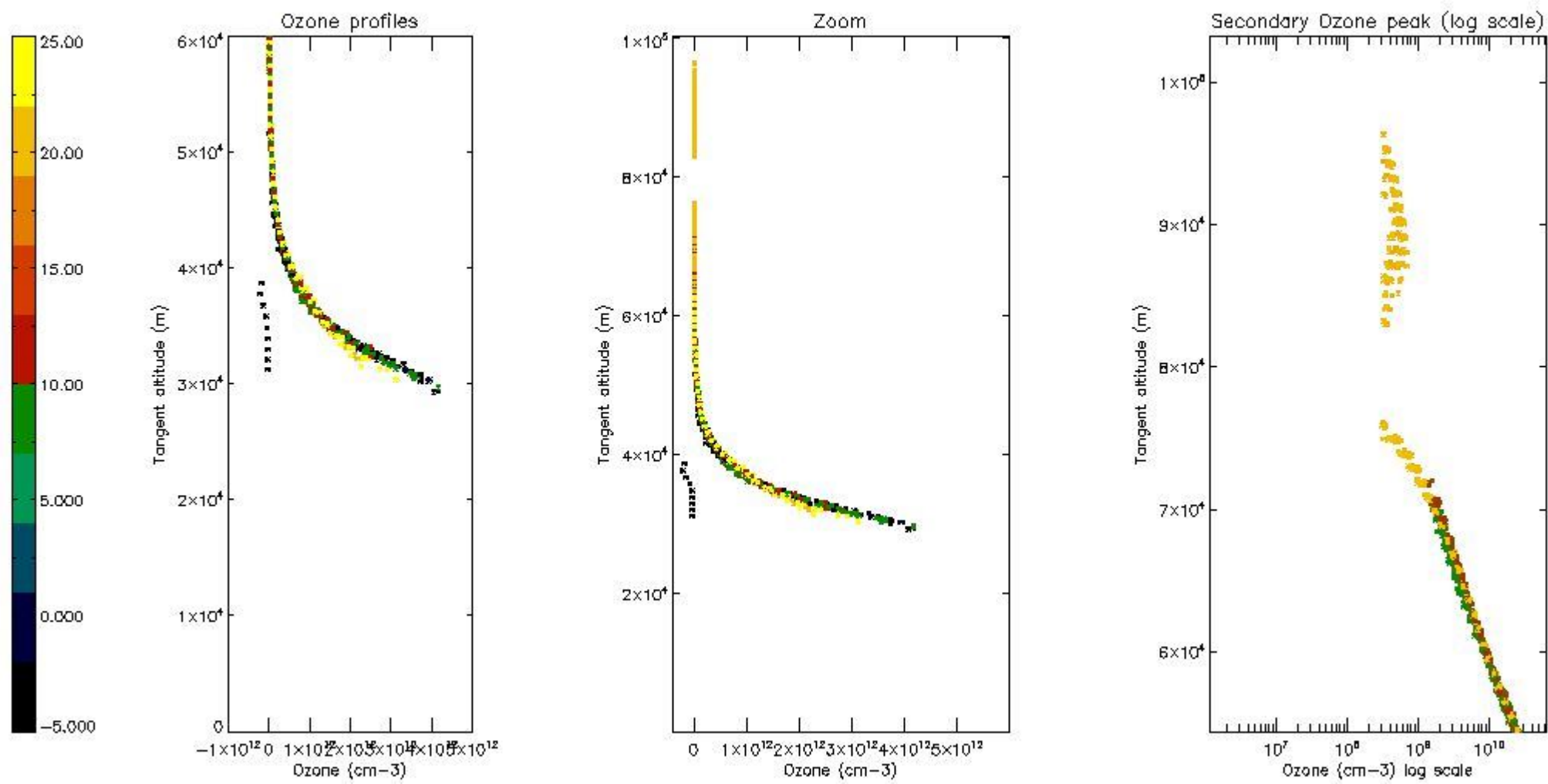
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



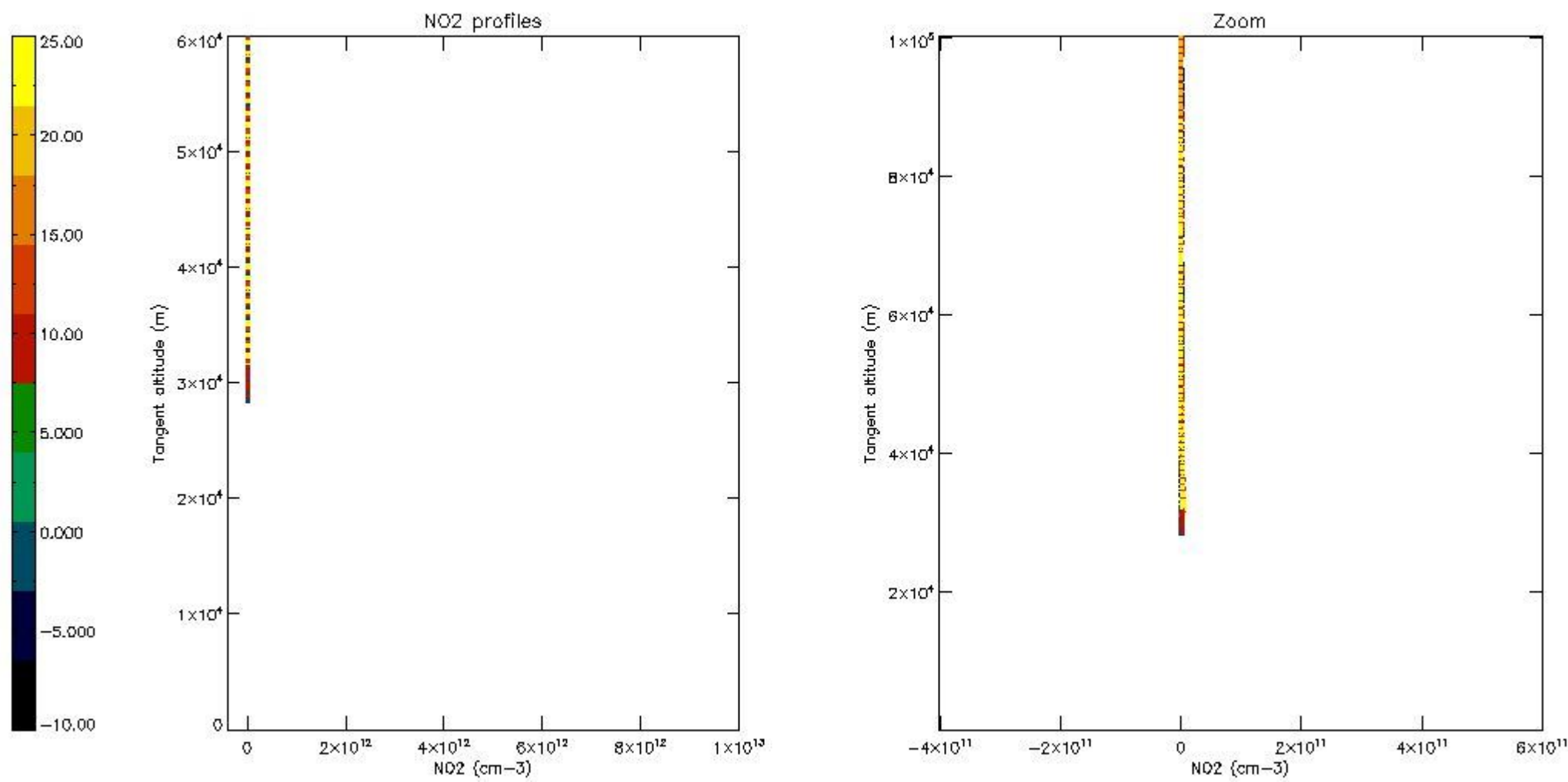
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



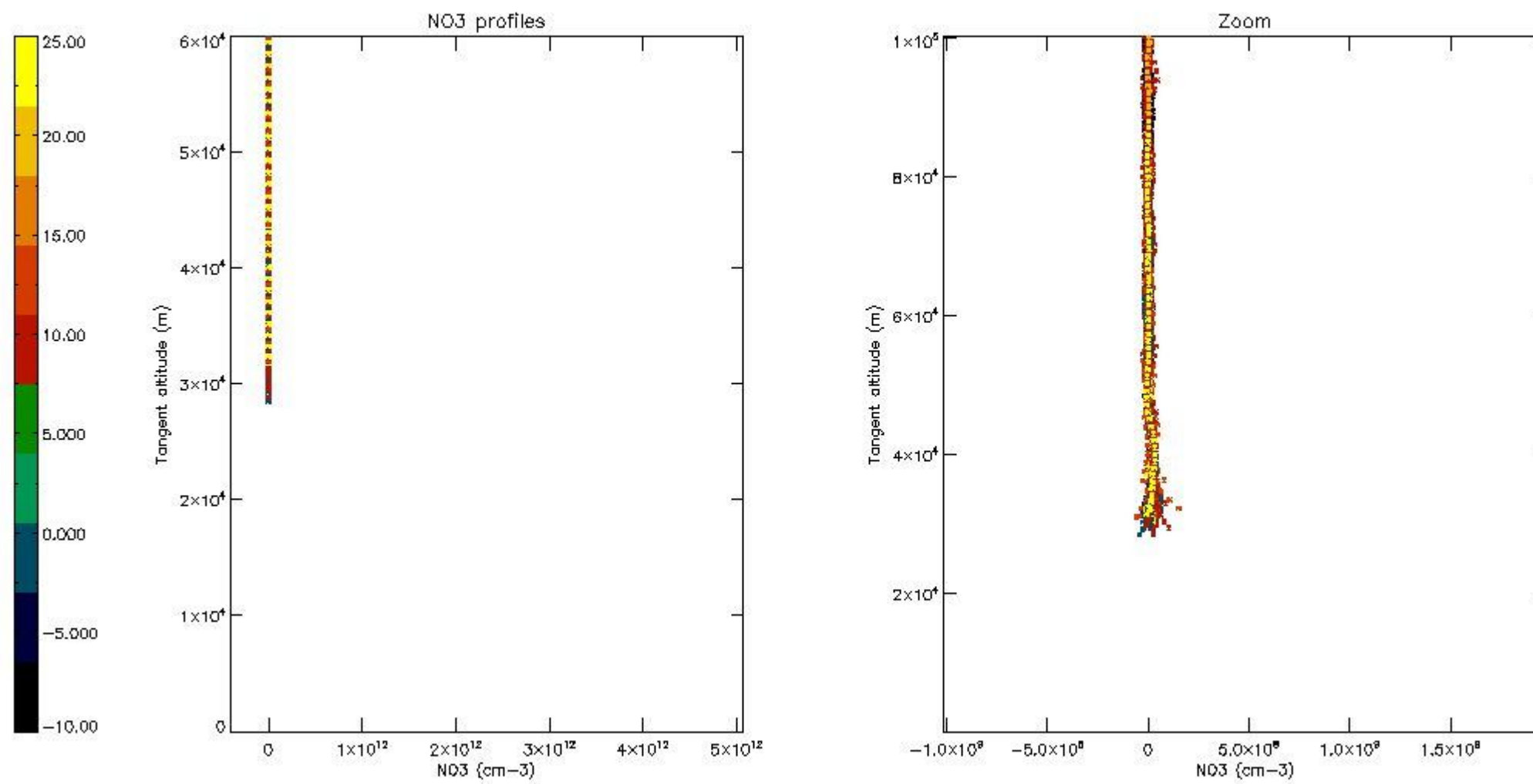
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	14-APR-2009 00:07:35
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-APR-2009 00:07:35
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-APR-2009 00:07:35

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	26APR2013 08:48:30
Data source version	GOMOS/6.01
Start time of products	14-04-2009 (14APR2009 00:00:00)
Stop time of products	15-04-2009 (15APR2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	162
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__2PRFIN20090414_000735_000000372078_00102_37230_7128.N1	14-APR-2009 00:07:35	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	37230	No
2	GOM_NL__2PRFIN20090414_001609_000000392078_00102_37230_7129.N1	14-APR-2009 00:16:09	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	37230	No
3	GOM_NL__2PRFIN20090414_002952_000000322078_00102_37230_7130.N1	14-APR-2009 00:29:52	Twilight	32.000	19	50Alp Cyg	1.2460	10500.	64	37230	No
4	GOM_NL__2PRFIN20090414_003139_000000352078_00102_37230_7131.N1	14-APR-2009 00:31:39	Twilight	35.000	66	37Gam Cyg	2.2080	5900.0	70	37230	No
5	GOM_NL__2PRFIN20090414_003407_000000332078_00102_37230_7132.N1	14-APR-2009 00:34:07	Twilight	33.000	92	53Eps Cyg	2.5000	4500.0	66	37230	No
6	GOM_NL__2PRFIN20090414_010228_000000532078_00103_37231_7138.N1	14-APR-2009 01:02:28	Dark	52.500	103	38Zet Sgr	2.6000	9700.0	105	37231	No
7	GOM_NL__2PRFIN20090414_010604_000000522078_00103_37231_7139.N1	14-APR-2009 01:06:04	Dark	52.000	38	20Eps Sgr	1.8360	11000.	104	37231	No
8	GOM_NL__2PRFIN20090414_010831_000000392078_00103_37231_7140.N1	14-APR-2009 01:08:31	Dark	39.000	147	Alp Ara	2.8770	26000.	78	37231	No
9	GOM_NL__2PRFIN20090414_011004_000000512078_00103_37231_7141.N1	14-APR-2009 01:10:04	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37231	No
10	GOM_NL__2PRFIN20090414_011603_000000392078_00103_37231_7142.N1	14-APR-2009 01:16:03	Straylight	38.500	131	Gam Lup	2.8000	26000.	77	37231	No
11	GOM_NL__2PRFIN20090414_013908_000000422078_00103_37231_7143.N1	14-APR-2009 01:39:08	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	37231	No
12	GOM_NL__2PRFIN20090414_014810_000000372078_00103_37231_7144.N1	14-APR-2009 01:48:10	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	37231	No
13	GOM_NL__2PRFIN20090414_015644_000000392078_00103_37231_7145.N1	14-APR-2009 01:56:44	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	37231	No
14	GOM_NL__2PRFIN20090414_021028_000000332078_00103_37231_7146.N1	14-APR-2009 02:10:28	Bright	32.500	19	50Alp Cyg	1.2460	10500.	65	37231	No
15	GOM_NL__2PRFIN20090414_021214_000000362078_00103_37231_7147.N1	14-APR-2009 02:12:14	Twilight	35.500	66	37Gam Cyg	2.2080	5900.0	71	37231	No
16	GOM_NL__2PRFIN20090414_021443_000000332078_00103_37231_7148.N1	14-APR-2009 02:14:43	Twilight	33.000	92	53Eps Cyg	2.5000	4500.0	66	37231	No
17	GOM_NL__2PRFIN20090414_024305_000000532078_00104_37232_7153.N1	14-APR-2009 02:43:05	Dark	52.500	103	38Zet Sgr	2.6000	9700.0	105	37232	No
18	GOM_NL__2PRFIN20090414_024641_000000522078_00104_37232_7154.N1	14-APR-2009 02:46:41	Dark	52.000	38	20Eps Sgr	1.8360	11000.	104	37232	No
19	GOM_NL__2PRFIN20090414_024907_000000392078_00104_37232_7155.N1	14-APR-2009 02:49:07	Dark	38.500	147	Alp Ara	2.8770	26000.	77	37232	No
20	GOM_NL__2PRFIN20090414_025042_000000402078_00104_37232_7156.N1	14-APR-2009 02:50:42	Dark	39.500	25	35Lam Sco	1.6200	28000.	79	37232	No
21	GOM_NL__2PRFIN20090414_025640_000000392078_00104_37232_7157.N1	14-APR-2009 02:56:40	Straylight	39.000	131	Gam Lup	2.8000	26000.	78	37232	No
22	GOM_NL__2PRFIN20090414_031943_000000422078_00104_37232_7158.N1	14-APR-2009 03:19:43	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	37232	No
23	GOM_NL__2PRFIN20090414_032845_000000372078_00104_37232_7159.N1	14-APR-2009 03:28:45	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	37232	No
24	GOM_NL__2PRFIN20090414_033720_000000382078_00104_37232_7160.N1	14-APR-2009 03:37:20	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37232	No
25	GOM_NL__2PRFIN20090414_035104_000000322078_00104_37232_7161.N1	14-APR-2009 03:51:04	Twilight	32.000	19	50Alp Cyg	1.2460	10500.	64	37232	No
26	GOM_NL__2PRFIN20090414_035250_000000352078_00104_37232_7162.N1	14-APR-2009 03:52:50	Twilight	35.000	66	37Gam Cyg	2.2080	5900.0	70	37232	No
27	GOM_NL__2PRFIN20090414_035519_000000342078_00104_37232_7163.N1	14-APR-2009 03:55:19	Twilight	33.500	92	53Eps Cyg	2.5000	4500.0	67	37232	No
28	GOM_NL__2PRFIN20090414_042342_000000532078_00105_37233_7163.N1	14-APR-2009 04:23:42	Dark	53.000	103	38Zet Sgr	2.6000	9700.0	106	37233	No
29	GOM_NL__2PRFIN20090414_042719_000000522078_00105_37233_7164.N1	14-APR-2009 04:27:19	Dark	52.000	38	20Eps Sgr	1.8360	11000.	104	37233	No
30	GOM_NL__2PRFIN20090414_042944_000000392078_00105_37233_7165.N1	14-APR-2009 04:29:44	Dark	38.500	147	Alp Ara	2.8770	26000.	77	37233	No
31	GOM_NL__2PRFIN20090414_043119_000000502078_00105_37233_7166.N1	14-APR-2009 04:31:19	Dark	50.000	25	35Lam Sco	1.6200	28000.	100	37233	No
32	GOM_NL__2PRFIN20090414_043716_000000392078_00105_37233_7167.N1	14-APR-2009 04:37:16	Straylight	38.500	131	Gam Lup	2.8000	26000.	77	37233	No
33	GOM_NL__2PRFIN20090414_050019_000000422078_00105_37233_7168.N1	14-APR-2009 05:00:19	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	37233	No
34	GOM_NL__2PRFIN20090414_050921_000000372078_00105_37233_7169.N1	14-APR-2009 05:09:21	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	37233	No
35	GOM_NL__2PRFIN20090414_051755_000000382078_00105_37233_7170.N1	14-APR-2009 05:17:55	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37233	No
36	GOM_NL__2PRFIN20090414_053140_000000322078_00105_37233_7171.N1	14-APR-2009 05:31:40	Twilight	32.000	19	50Alp Cyg	1.2460	10500.	64	37233	No
37	GOM_NL__2PRFIN20090414_053326_000000352078_00105_37233_7172.N1	14-APR-2009 05:33:26	Twilight	35.000	66	37Gam Cyg	2.2080	5900.0	70	37233	No
38	GOM_NL__2PRFIN20090414_053555_000000342078_00105_37233_7173.N1	14-APR-2009 05:35:55	Twilight	33.500	92	53Eps Cyg	2.5000	4500.0	67	37233	No
39	GOM_NL__2PRFIN20090414_060420_000000532078_00106_37234_7199.N1	14-APR-2009 06:04:20	Dark	52.500	103	38Zet Sgr	2.6000	9700.0	105	37234	No
40	GOM_NL__2PRFIN20090414_060756_000000522078_00106_37234_7200.N1	14-APR-2009 06:07:56	Dark	52.000	38	20Eps Sgr	1.8360	11000.	104	37234	No
41	GOM_NL__2PRFIN20090414_061021_000000392078_00106_37234_7201.N1	14-APR-2009 06:10:21	Dark	38.500	147	Alp Ara	2.8770	26000.	77	37234	No
42	GOM_NL__2PRFIN20090414_061156_000000502078_00106_37234_7202.N1	14-APR-2009 06:11:56	Dark	50.000	25	35Lam Sco	1.6200	28000.	100	37234	No

43	GOM_NL__2PRFIN20090414_061753_000000392078_00106_37234_7203.N1	14-APR-2009 06:17:53	Straylight	38.500	131	Gam Lup	2.8000	26000.	77	37234	No
44	GOM_NL__2PRFIN20090414_064054_000000422078_00106_37234_7204.N1	14-APR-2009 06:40:54	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	37234	No
45	GOM_NL__2PRFIN20090414_064956_000000372078_00106_37234_7205.N1	14-APR-2009 06:49:56	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	37234	No
46	GOM_NL__2PRFIN20090414_065830_000000382078_00106_37234_7206.N1	14-APR-2009 06:58:30	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37234	No
47	GOM_NL__2PRFIN20090414_071216_000000322078_00106_37234_7207.N1	14-APR-2009 07:12:16	Twi_and_stray	32.000	19	50Alp Cyg	1.2460	10500.	64	37234	No
48	GOM_NL__2PRFIN20090414_071402_000000352078_00106_37234_7208.N1	14-APR-2009 07:14:02	Twi_and_stray	35.000	66	37Gam Cyg	2.2080	5900.0	70	37234	No
49	GOM_NL__2PRFIN20090414_071631_000000342078_00106_37234_7209.N1	14-APR-2009 07:16:31	Twi_and_stray	33.500	92	53Eps Cyg	2.5000	4500.0	67	37234	No
50	GOM_NL__2PRFIN20090414_074458_000000552078_00107_37235_7224.N1	14-APR-2009 07:44:58	Dark	54.500	103	38Zet Sgr	2.6000	9700.0	109	37235	No
51	GOM_NL__2PRFIN20090414_074834_000000532078_00107_37235_7225.N1	14-APR-2009 07:48:34	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37235	No
52	GOM_NL__2PRFIN20090414_075058_000000402078_00107_37235_7226.N1	14-APR-2009 07:50:58	Dark	39.500	147	Alp Ara	2.8770	26000.	79	37235	No
53	GOM_NL__2PRFIN20090414_075233_000000512078_00107_37235_7227.N1	14-APR-2009 07:52:33	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37235	No
54	GOM_NL__2PRFIN20090414_075830_000000392078_00107_37235_7228.N1	14-APR-2009 07:58:30	Straylight	38.500	131	Gam Lup	2.8000	26000.	77	37235	No
55	GOM_NL__2PRFIN20090414_082130_000000432078_00107_37235_7229.N1	14-APR-2009 08:21:30	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	37235	No
56	GOM_NL__2PRFIN20090414_083032_000000382078_00107_37235_7230.N1	14-APR-2009 08:30:32	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	37235	No
57	GOM_NL__2PRFIN20090414_083905_000000392078_00107_37235_7231.N1	14-APR-2009 08:39:05	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	37235	No
58	GOM_NL__2PRFIN20090414_085251_000000332078_00107_37235_7232.N1	14-APR-2009 08:52:51	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37235	No
59	GOM_NL__2PRFIN20090414_085438_000000362078_00107_37235_7233.N1	14-APR-2009 08:54:38	Twi_and_stray	36.000	66	37Gam Cyg	2.2080	5900.0	72	37235	No
60	GOM_NL__2PRFIN20090414_085707_000000342078_00107_37235_7234.N1	14-APR-2009 08:57:07	Twi_and_stray	34.000	92	53Eps Cyg	2.5000	4500.0	68	37235	No
61	GOM_NL__2PRFIN20090414_092535_000000542078_00108_37236_7249.N1	14-APR-2009 09:25:35	Dark	53.500	103	38Zet Sgr	2.6000	9700.0	107	37236	No
62	GOM_NL__2PRFIN20090414_092911_000000532078_00108_37236_7250.N1	14-APR-2009 09:29:11	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37236	No
63	GOM_NL__2PRFIN20090414_093135_000000402078_00108_37236_7251.N1	14-APR-2009 09:31:35	Dark	39.500	147	Alp Ara	2.8770	26000.	79	37236	No
64	GOM_NL__2PRFIN20090414_093310_000000522078_00108_37236_7252.N1	14-APR-2009 09:33:10	Dark	51.500	25	35Lam Sco	1.6200	28000.	103	37236	No
65	GOM_NL__2PRFIN20090414_093906_000000392078_00108_37236_7253.N1	14-APR-2009 09:39:06	Straylight	38.500	131	Gam Lup	2.8000	26000.	77	37236	No
66	GOM_NL__2PRFIN20090414_100205_000000432078_00108_37236_7254.N1	14-APR-2009 10:02:05	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	37236	No
67	GOM_NL__2PRFIN20090414_101007_000000252078_00108_37236_7255.N1	14-APR-2009 10:10:07	Twi_and_stray	25.000	180	27Gam Boo	3.0400	8000.0	50	37236	No
68	GOM_NL__2PRFIN20090414_101107_000000382078_00108_37236_7256.N1	14-APR-2009 10:11:07	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	37236	No
69	GOM_NL__2PRFIN20090414_101940_000000402078_00108_37236_7257.N1	14-APR-2009 10:19:40	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	37236	No
70	GOM_NL__2PRFIN20090414_103327_000000332078_00108_37236_7258.N1	14-APR-2009 10:33:27	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37236	No
71	GOM_NL__2PRFIN20090414_103514_000000362078_00108_37236_7259.N1	14-APR-2009 10:35:14	Twi_and_stray	36.000	66	37Gam Cyg	2.2080	5900.0	72	37236	No
72	GOM_NL__2PRFIN20090414_103743_000000352078_00108_37236_7260.N1	14-APR-2009 10:37:43	Twi_and_stray	34.500	92	53Eps Cyg	2.5000	4500.0	69	37236	No
73	GOM_NL__2PRFIN20090414_110613_000000552078_00109_37237_7265.N1	14-APR-2009 11:06:13	Dark	54.500	103	38Zet Sgr	2.6000	9700.0	109	37237	No
74	GOM_NL__2PRFIN20090414_110949_000000542078_00109_37237_7266.N1	14-APR-2009 11:09:49	Dark	53.500	38	20Eps Sgr	1.8360	11000.	107	37237	No
75	GOM_NL__2PRFIN20090414_111211_000000402078_00109_37237_7267.N1	14-APR-2009 11:12:11	Dark	39.500	147	Alp Ara	2.8770	26000.	79	37237	No
76	GOM_NL__2PRFIN20090414_111348_000000512078_00109_37237_7268.N1	14-APR-2009 11:13:48	Dark	51.000	25	35Lam Sco	1.6200	28000.	102	37237	No
77	GOM_NL__2PRFIN20090414_111943_000000392078_00109_37237_7269.N1	14-APR-2009 11:19:43	Straylight	39.000	131	Gam Lup	2.8000	26000.	78	37237	No
78	GOM_NL__2PRFIN20090414_114240_000000432078_00109_37237_7270.N1	14-APR-2009 11:42:40	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	37237	No
79	GOM_NL__2PRFIN20090414_115042_000000252078_00109_37237_7271.N1	14-APR-2009 11:50:42	Twi_and_stray	25.000	180	27Gam Boo	3.0400	8000.0	50	37237	No
80	GOM_NL__2PRFIN20090414_115142_000000382078_00109_37237_7272.N1	14-APR-2009 11:51:42	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	37237	No
81	GOM_NL__2PRFIN20090414_120016_000000392078_00109_37237_7273.N1	14-APR-2009 12:00:16	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	37237	No
82	GOM_NL__2PRFIN20090414_121403_000000332078_00109_37237_7274.N1	14-APR-2009 12:14:03	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37237	No
83	GOM_NL__2PRFIN20090414_121549_000000362078_00109_37237_7275.N1	14-APR-2009 12:15:49	Twi_and_stray	36.000	66	37Gam Cyg	2.2080	5900.0	72	37237	No
84	GOM_NL__2PRFIN20090414_121819_000000352078_00109_37237_7276.N1	14-APR-2009 12:18:19	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	37237	No
85	GOM_NL__2PRFIN20090414_124650_000000542078_00110_37238_7303.N1	14-APR-2009 12:46:50	Dark	53.500	103	38Zet Sgr	2.6000	9700.0	107	37238	No
86	GOM_NL__2PRFIN20090414_125026_000000532078_00110_37238_7304.N1	14-APR-2009 12:50:26	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37238	No
87	GOM_NL__2PRFIN20090414_125248_000000402078_00110_37238_7305.N1	14-APR-2009 12:52:48	Dark	39.500	147	Alp Ara	2.8770	26000.	79	37238	No
88	GOM_NL__2PRFIN20090414_125425_000000512078_00110_37238_7306.N1	14-APR-2009 12:54:25	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37238	No
89	GOM_NL__2PRFIN20090414_130020_000000392078_00110_37238_7307.N1	14-APR-2009 13:00:20	Straylight	38.500	131	Gam Lup	2.8000	26000.	77	37238	No
90	GOM_NL__2PRFIN20090414_132316_000000422078_00110_37238_7308.N1	14-APR-2009 13:23:16	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	37238	No
91	GOM_NL__2PRFIN20090414_133117_000000312078_00110_37238_7309.N1	14-APR-2009 13:31:17	Twi_and_stray	31.000	180	27Gam Boo	3.0400	8000.0	62	37238	No
92	GOM_NL__2PRFIN20090414_133217_000000342078_00110_37238_7310.N1	14-APR-2009 13:32:17	Bright	33.500	39	85Eta UMa	1.8540	24000.	67	37238	No
93	GOM_NL__2PRFIN20090414_135438_000000322078_00110_37238_7311.N1	14-APR-2009 13:54:38	Twi_and_stray	31.500	19	50Alp Cyg	1.2460	10500.	63	37238	No
94	GOM_NL__2PRFIN20090414_135625_000000342078_00110_37238_7312.N1	14-APR-2009 13:56:25	Twi_and_stray	34.000	66	37Gam Cyg	2.2080	5900.0	68	37238	No
95	GOM_NL__2PRFIN20090414_135855_000000332078_00110_37238_7313.N1	14-APR-2009 13:58:55	Twi_and_stray	32.500	92	53Eps Cyg	2.5000	4500.0	65	37238	No
96	GOM_NL__2PRFIN20090414_142728_000000512078_00111_37239_7333.N1	14-APR-2009 14:27:28	Dark	51.000	103	38Zet Sgr	2.6000	9700.0	102	37239	No
97	GOM_NL__2PRFIN20090414_143103_000000502078_00111_37239_7334.N1	14-APR-2009 14:31:03	Dark	50.000	38	20Eps Sgr	1.8360	11000.	100	37239	No
98	GOM_NL__2PRFIN20090414_143325_000000382078_00111_37239_7335.N1	14-APR-2009 14:33:25	Dark	37.500	147	Alp Ara	2.8770	26000.	75	37239	No
99	GOM_NL__2PRFIN20090414_143502_000000482078_00111_37239_7336.N1	14-APR-2009 14:35:02	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	37239	No
100	GOM_NL__2PRFIN20090414_144056_000000372078_00111_37239_7337.N1	14-APR-2009 14:40:56	Straylight	37.000	131	Gam Lup	2.8000	26000.	74	37239	No
101	GOM_NL__2PRFIN20090414_150351_000000402078_00111_37239_7338.N1	14-APR-2009 15:03:51	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	37239	No

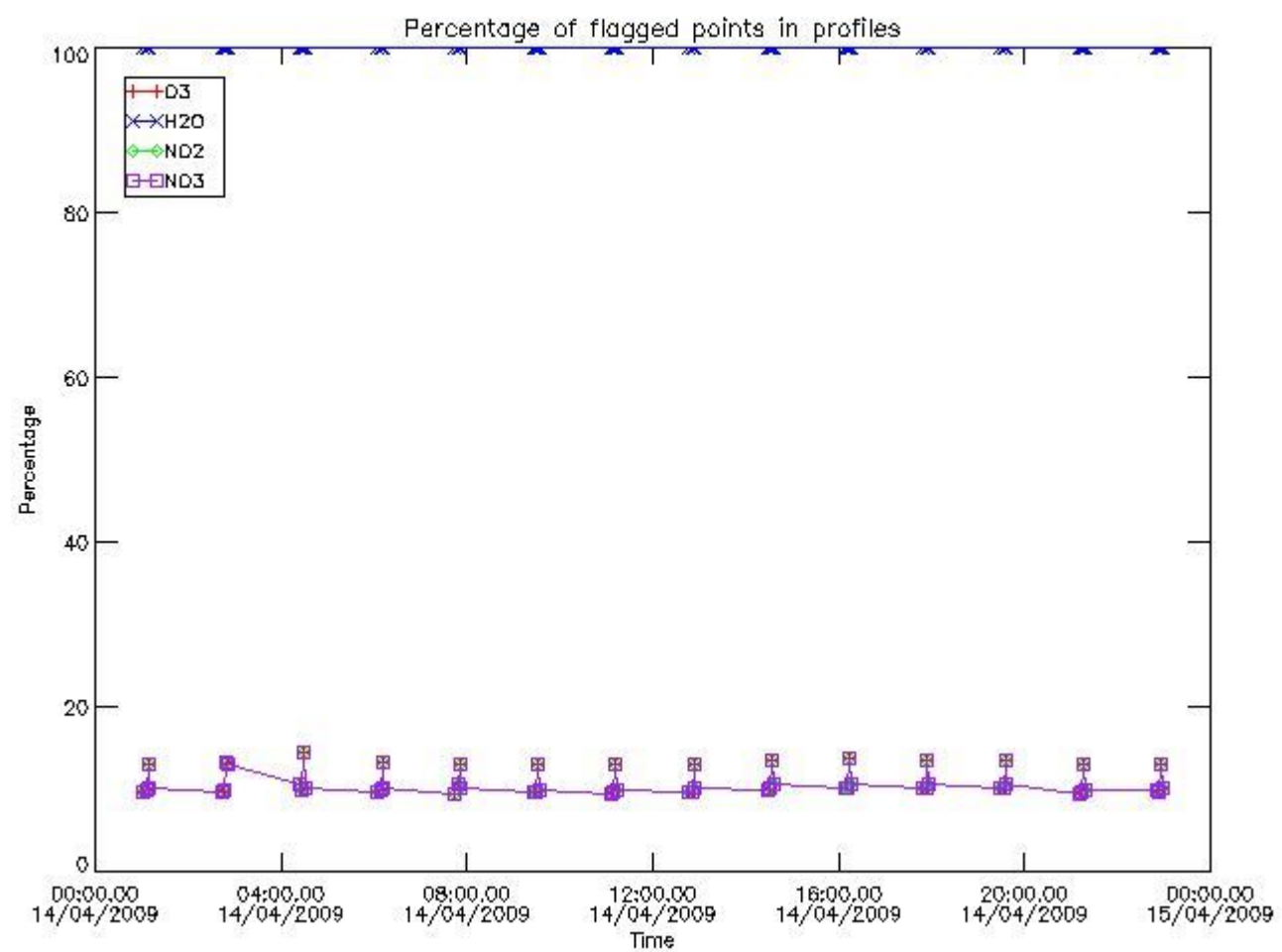
102	GOM_NL__2PRFIN20090414_151152_000000312078_00111_37239_7339.N1	14-APR-2009 15:11:52	Twilight	31.000	180	27Gam Boo	3.0400	8000.0	62	37239	No
103	GOM_NL__2PRFIN20090414_151253_000000362078_00111_37239_7340.N1	14-APR-2009 15:12:53	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	37239	No
104	GOM_NL__2PRFIN20090414_152126_000000372078_00111_37239_7341.N1	14-APR-2009 15:21:26	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	37239	No
105	GOM_NL__2PRFIN20090414_153514_000000312078_00111_37239_7342.N1	14-APR-2009 15:35:14	Twilight	31.000	19	50Alp Cyg	1.2460	10500.	62	37239	No
106	GOM_NL__2PRFIN20090414_153701_000000342078_00111_37239_7343.N1	14-APR-2009 15:37:01	Twilight	34.000	66	37Gam Cyg	2.2080	5900.0	68	37239	No
107	GOM_NL__2PRFIN20090414_153931_000000322078_00111_37239_7344.N1	14-APR-2009 15:39:31	Twilight	32.000	92	53Eps Cyg	2.5000	4500.0	64	37239	No
108	GOM_NL__2PRFIN20090414_160806_000000512078_00112_37240_7338.N1	14-APR-2009 16:08:06	Dark	50.500	103	38Zet Sgr	2.6000	9700.0	101	37240	No
109	GOM_NL__2PRFIN20090414_161141_000000502078_00112_37240_7339.N1	14-APR-2009 16:11:41	Dark	50.000	38	20Eps Sgr	1.8360	11000.	100	37240	No
110	GOM_NL__2PRFIN20090414_161402_000000372078_00112_37240_7340.N1	14-APR-2009 16:14:02	Dark	37.000	147	Alp Ara	2.8770	26000.	74	37240	No
111	GOM_NL__2PRFIN20090414_161539_000000482078_00112_37240_7341.N1	14-APR-2009 16:15:39	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	37240	No
112	GOM_NL__2PRFIN20090414_162133_000000372078_00112_37240_7342.N1	14-APR-2009 16:21:33	Straylight	36.500	131	Gam Lup	2.8000	26000.	73	37240	No
113	GOM_NL__2PRFIN20090414_164426_000000402078_00112_37240_7343.N1	14-APR-2009 16:44:26	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	37240	No
114	GOM_NL__2PRFIN20090414_165227_000000362078_00112_37240_7344.N1	14-APR-2009 16:52:27	Twilight	36.000	180	27Gam Boo	3.0400	8000.0	72	37240	No
115	GOM_NL__2PRFIN20090414_165328_000000352078_00112_37240_7345.N1	14-APR-2009 16:53:28	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	37240	No
116	GOM_NL__2PRFIN20090414_170201_000000372078_00112_37240_7346.N1	14-APR-2009 17:02:01	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	37240	No
117	GOM_NL__2PRFIN20090414_171550_000000312078_00112_37240_7347.N1	14-APR-2009 17:15:50	Twilight	31.000	19	50Alp Cyg	1.2460	10500.	62	37240	No
118	GOM_NL__2PRFIN20090414_171737_000000342078_00112_37240_7348.N1	14-APR-2009 17:17:37	Twilight	33.500	66	37Gam Cyg	2.2080	5900.0	67	37240	No
119	GOM_NL__2PRFIN20090414_172007_000000322078_00112_37240_7349.N1	14-APR-2009 17:20:07	Twilight	32.000	92	53Eps Cyg	2.5000	4500.0	64	37240	No
120	GOM_NL__2PRFIN20090414_174843_000000512078_00113_37241_7357.N1	14-APR-2009 17:48:43	Dark	50.500	103	38Zet Sgr	2.6000	9700.0	101	37241	No
121	GOM_NL__2PRFIN20090414_175218_000000502078_00113_37241_7358.N1	14-APR-2009 17:52:18	Dark	50.000	38	20Eps Sgr	1.8360	11000.	100	37241	No
122	GOM_NL__2PRFIN20090414_175439_000000382078_00113_37241_7359.N1	14-APR-2009 17:54:39	Dark	37.500	147	Alp Ara	2.8770	26000.	75	37241	No
123	GOM_NL__2PRFIN20090414_175617_000000482078_00113_37241_7360.N1	14-APR-2009 17:56:17	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	37241	No
124	GOM_NL__2PRFIN20090414_180209_000000372078_00113_37241_7361.N1	14-APR-2009 18:02:09	Straylight	37.000	131	Gam Lup	2.8000	26000.	74	37241	No
125	GOM_NL__2PRFIN20090414_182502_000000402078_00113_37241_7362.N1	14-APR-2009 18:25:02	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	37241	No
126	GOM_NL__2PRFIN20090414_183302_000000362078_00113_37241_7363.N1	14-APR-2009 18:33:02	Twilight	36.000	180	27Gam Boo	3.0400	8000.0	72	37241	No
127	GOM_NL__2PRFIN20090414_183404_000000352078_00113_37241_7364.N1	14-APR-2009 18:34:04	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	37241	No
128	GOM_NL__2PRFIN20090414_184237_000000372078_00113_37241_7365.N1	14-APR-2009 18:42:37	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	37241	No
129	GOM_NL__2PRFIN20090414_185626_000000312078_00113_37241_7366.N1	14-APR-2009 18:56:26	Twilight	31.000	19	50Alp Cyg	1.2460	10500.	62	37241	No
130	GOM_NL__2PRFIN20090414_185813_000000342078_00113_37241_7367.N1	14-APR-2009 18:58:13	Twilight	33.500	66	37Gam Cyg	2.2080	5900.0	67	37241	No
131	GOM_NL__2PRFIN20090414_190043_000000322078_00113_37241_7368.N1	14-APR-2009 19:00:43	Twilight	32.000	92	53Eps Cyg	2.5000	4500.0	64	37241	No
132	GOM_NL__2PRFIN20090414_192921_000000512078_00114_37242_7373.N1	14-APR-2009 19:29:21	Dark	50.500	103	38Zet Sgr	2.6000	9700.0	101	37242	No
133	GOM_NL__2PRFIN20090414_193256_000000502078_00114_37242_7374.N1	14-APR-2009 19:32:56	Dark	50.000	38	20Eps Sgr	1.8360	11000.	100	37242	No
134	GOM_NL__2PRFIN20090414_193516_000000382078_00114_37242_7375.N1	14-APR-2009 19:35:16	Dark	37.500	147	Alp Ara	2.8770	26000.	75	37242	No
135	GOM_NL__2PRFIN20090414_193654_000000482078_00114_37242_7376.N1	14-APR-2009 19:36:54	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	37242	No
136	GOM_NL__2PRFIN20090414_194246_000000372078_00114_37242_7377.N1	14-APR-2009 19:42:46	Straylight	37.000	131	Gam Lup	2.8000	26000.	74	37242	No
137	GOM_NL__2PRFIN20090414_200537_000000402078_00114_37242_7378.N1	14-APR-2009 20:05:37	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	37242	No
138	GOM_NL__2PRFIN20090414_201337_000000422078_00114_37242_7379.N1	14-APR-2009 20:13:37	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	37242	No
139	GOM_NL__2PRFIN20090414_202312_000000372078_00114_37242_7380.N1	14-APR-2009 20:23:12	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	37242	No
140	GOM_NL__2PRFIN20090414_203702_000000312078_00114_37242_7381.N1	14-APR-2009 20:37:02	Twilight	31.000	19	50Alp Cyg	1.2460	10500.	62	37242	No
141	GOM_NL__2PRFIN20090414_203849_000000342078_00114_37242_7382.N1	14-APR-2009 20:38:49	Twilight	34.000	66	37Gam Cyg	2.2080	5900.0	68	37242	No
142	GOM_NL__2PRFIN20090414_204119_000000322078_00114_37242_7383.N1	14-APR-2009 20:41:19	Twilight	32.000	92	53Eps Cyg	2.5000	4500.0	64	37242	No
143	GOM_NL__2PRFIN20090414_210958_000000552078_00115_37243_7389.N1	14-APR-2009 21:09:58	Dark	54.500	103	38Zet Sgr	2.6000	9700.0	109	37243	No
144	GOM_NL__2PRFIN20090414_211333_000000542078_00115_37243_7390.N1	14-APR-2009 21:13:33	Dark	53.500	38	20Eps Sgr	1.8360	11000.	107	37243	No
145	GOM_NL__2PRFIN20090414_211553_000000392078_00115_37243_7391.N1	14-APR-2009 21:15:53	Dark	39.000	147	Alp Ara	2.8770	26000.	78	37243	No
146	GOM_NL__2PRFIN20090414_211731_000000512078_00115_37243_7392.N1	14-APR-2009 21:17:31	Dark	51.000	25	35Lam Sco	1.6200	28000.	102	37243	No
147	GOM_NL__2PRFIN20090414_212322_000000402078_00115_37243_7393.N1	14-APR-2009 21:23:22	Straylight	39.500	131	Gam Lup	2.8000	26000.	79	37243	No
148	GOM_NL__2PRFIN20090414_214613_000000422078_00115_37243_7394.N1	14-APR-2009 21:46:13	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	37243	No
149	GOM_NL__2PRFIN20090414_215412_000000422078_00115_37243_7395.N1	14-APR-2009 21:54:12	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	37243	No
150	GOM_NL__2PRFIN20090414_220347_000000402078_00115_37243_7396.N1	14-APR-2009 22:03:47	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	37243	No
151	GOM_NL__2PRFIN20090414_221738_000000342078_00115_37243_7397.N1	14-APR-2009 22:17:38	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	37243	No
152	GOM_NL__2PRFIN20090414_221924_000000372078_00115_37243_7398.N1	14-APR-2009 22:19:24	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	37243	No
153	GOM_NL__2PRFIN20090414_222155_000000342078_00115_37243_7399.N1	14-APR-2009 22:21:55	Twilight	34.000	92	53Eps Cyg	2.5000	4500.0	68	37243	No
154	GOM_NL__2PRFIN20090414_225036_000000522078_00116_37244_7432.N1	14-APR-2009 22:50:36	Dark	52.000	103	38Zet Sgr	2.6000	9700.0	104	37244	No
155	GOM_NL__2PRFIN20090414_225411_000000542078_00116_37244_7433.N1	14-APR-2009 22:54:11	Dark	53.500	38	20Eps Sgr	1.8360	11000.	107	37244	No
156	GOM_NL__2PRFIN20090414_225629_000000392078_00116_37244_7434.N1	14-APR-2009 22:56:29	Dark	39.000	147	Alp Ara	2.8770	26000.	78	37244	No
157	GOM_NL__2PRFIN20090414_225808_000000512078_00116_37244_7435.N1	14-APR-2009 22:58:08	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	37244	No
158	GOM_NL__2PRFIN20090414_230359_000000392078_00116_37244_7436.N1	14-APR-2009 23:03:59	Straylight	39.000	131	Gam Lup	2.8000	26000.	78	37244	No
159	GOM_NL__2PRFIN20090414_232648_000000422078_00116_37244_7437.N1	14-APR-2009 23:26:48	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	37244	No
160	GOM_NL__2PRFIN20090414_233447_000000462078_00116_37244_7438.N1	14-APR-2009 23:34:47	Bright	45.500	180	27Gam Boo	3.0400	8000.0	91	37244	No

161	GOM_NL__2PRFIN20090414_234422_000000392078_00116_37244_7439.N1	14-APR-2009 23:44:22	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	37244	No
162	GOM_NL__2PRFIN20090414_235813_000000332078_00116_37244_7440.N1	14-APR-2009 23:58:13	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	37244	No

3. Quality information per product

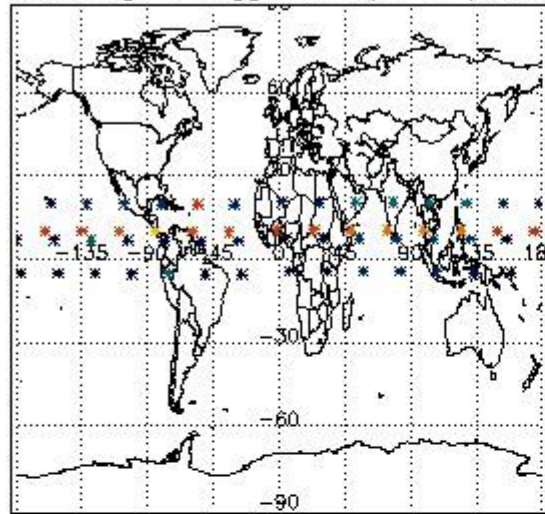
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

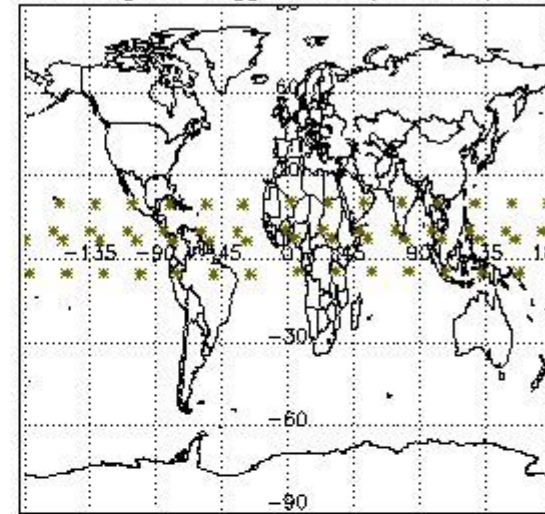


3.2 Plot quality information per product (world map)

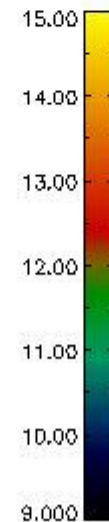
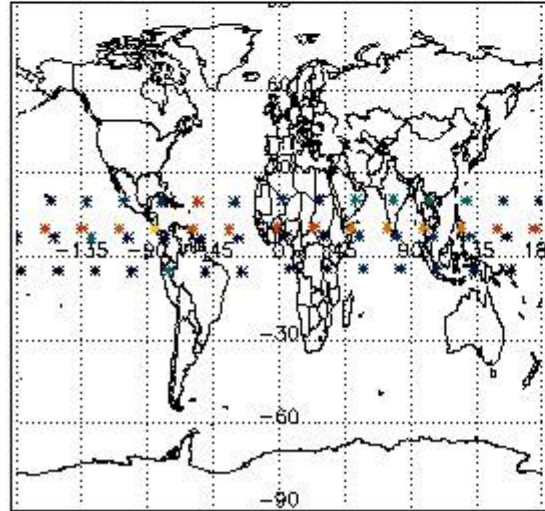
Percentage of flagged data per O3 profile



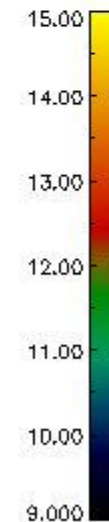
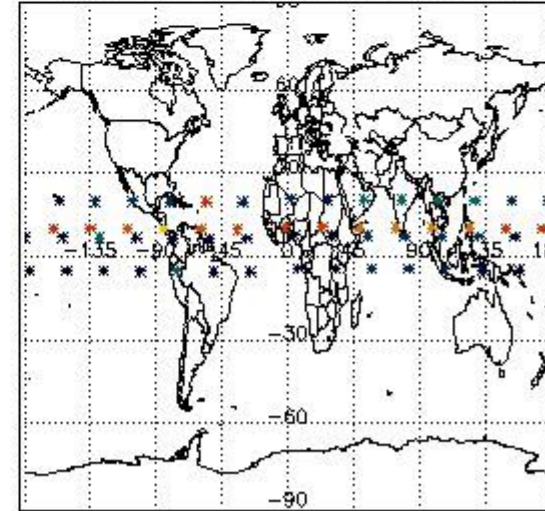
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

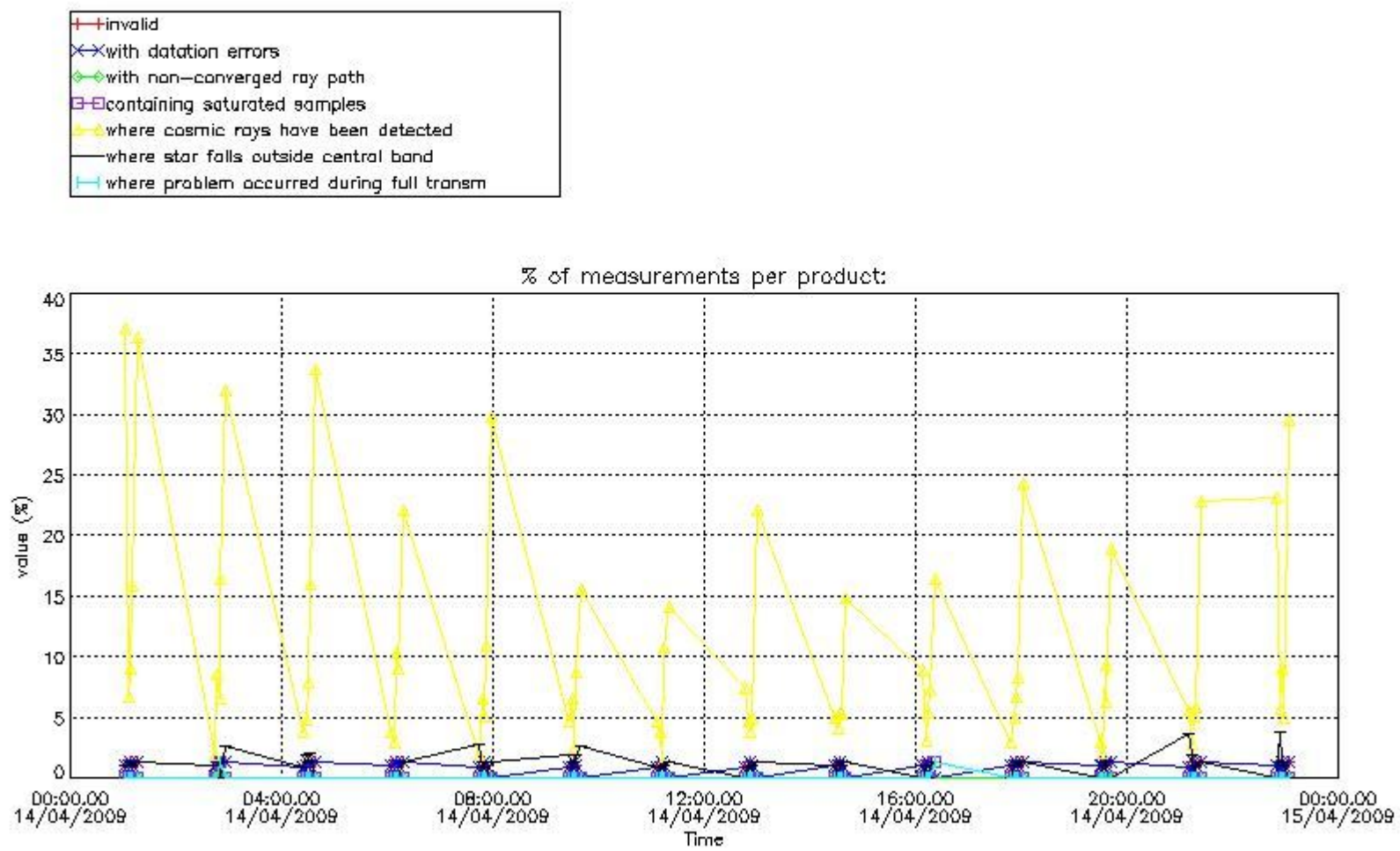


4. Level 1 quality information per product

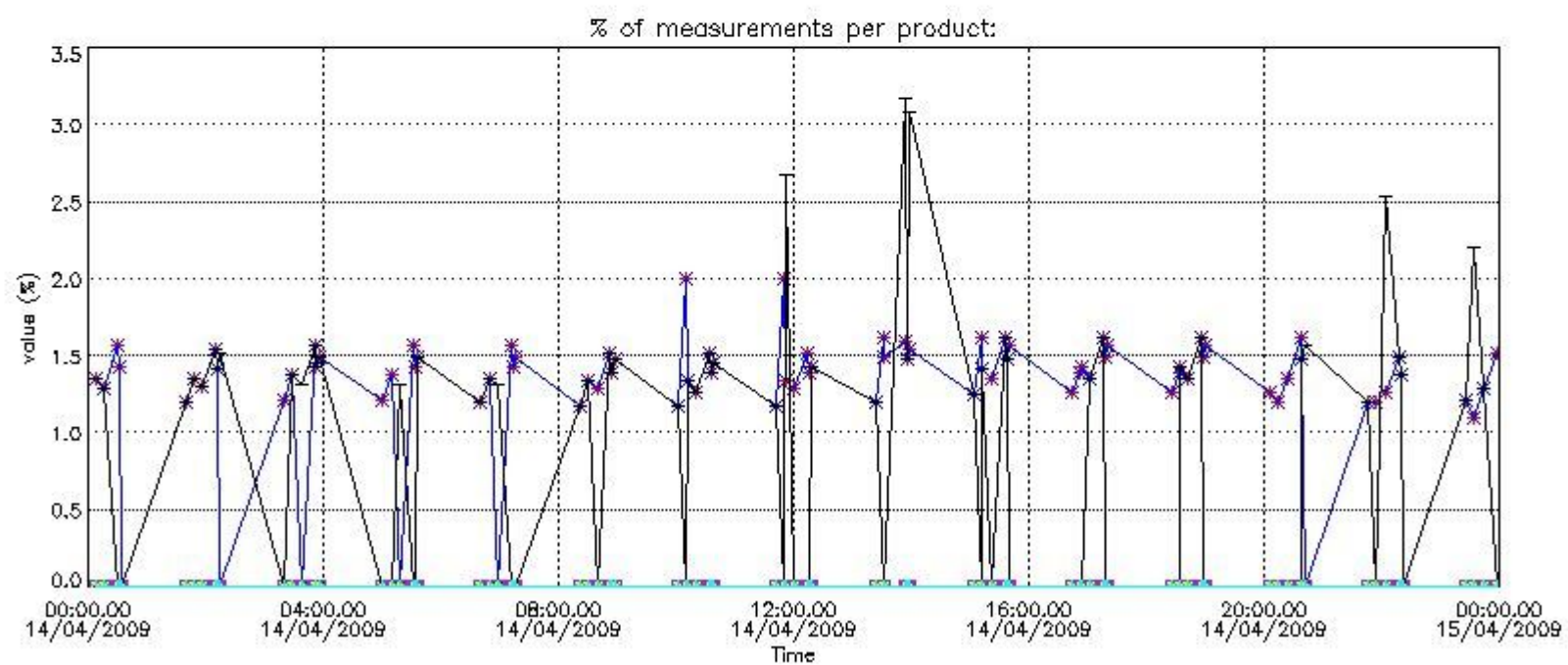
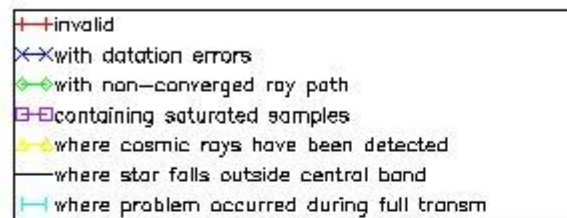
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



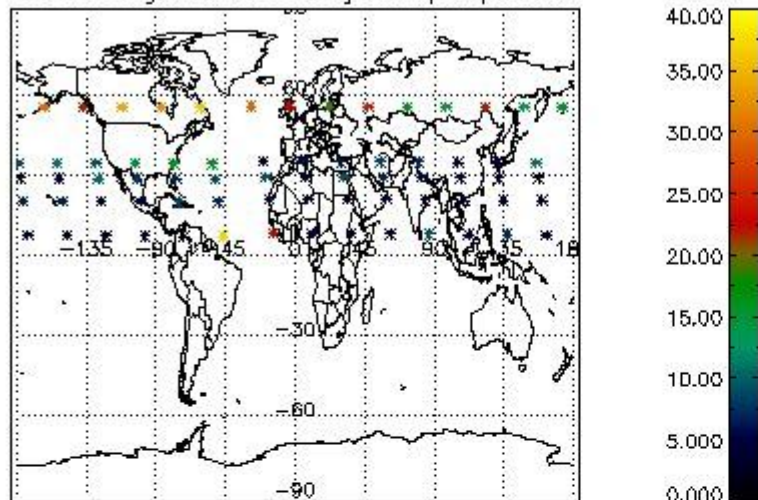
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



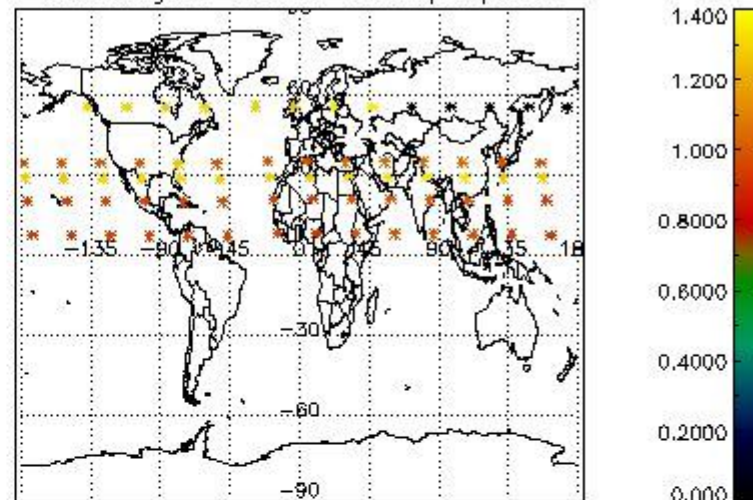
4.2 Plot quality information per product coming from level 1b processing (world map)

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

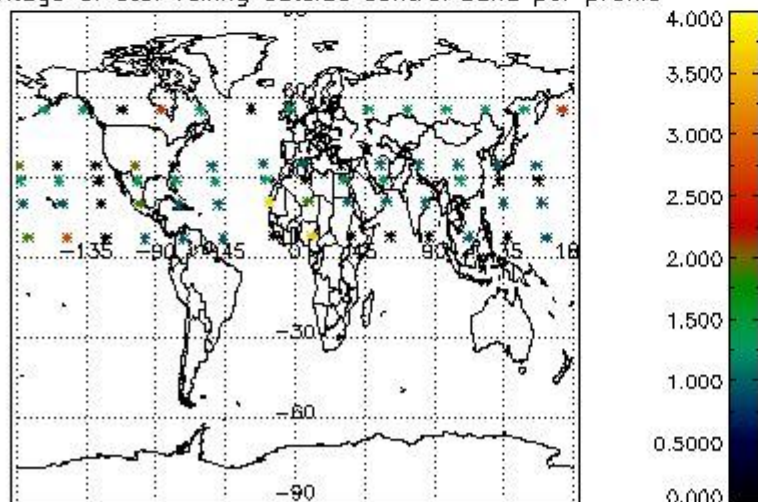
Percentage of cosmic ray hits per profile



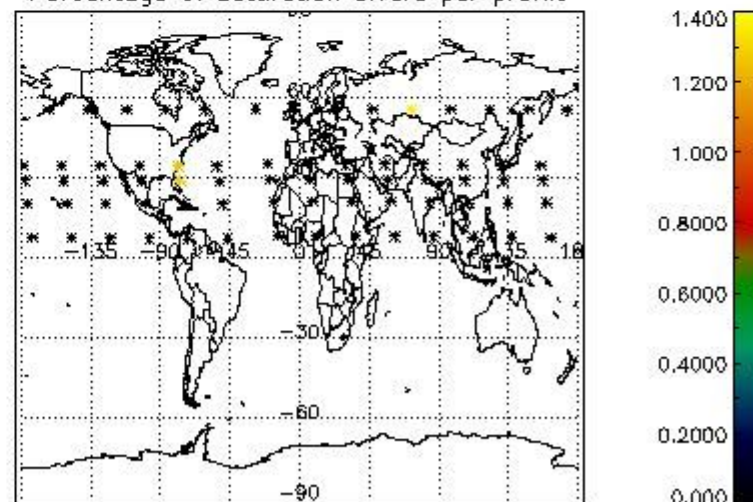
Percentage of datation errors per profile



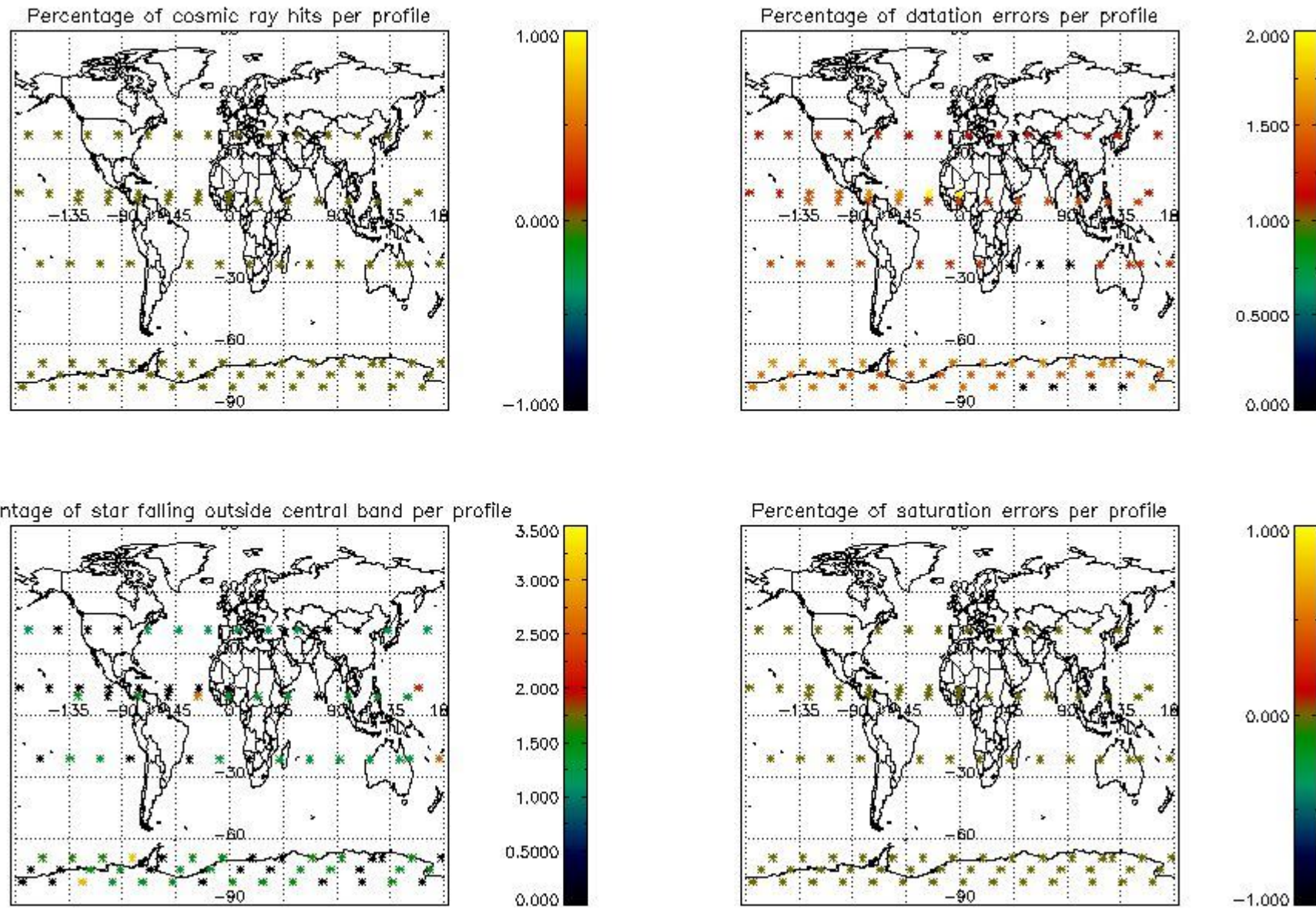
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

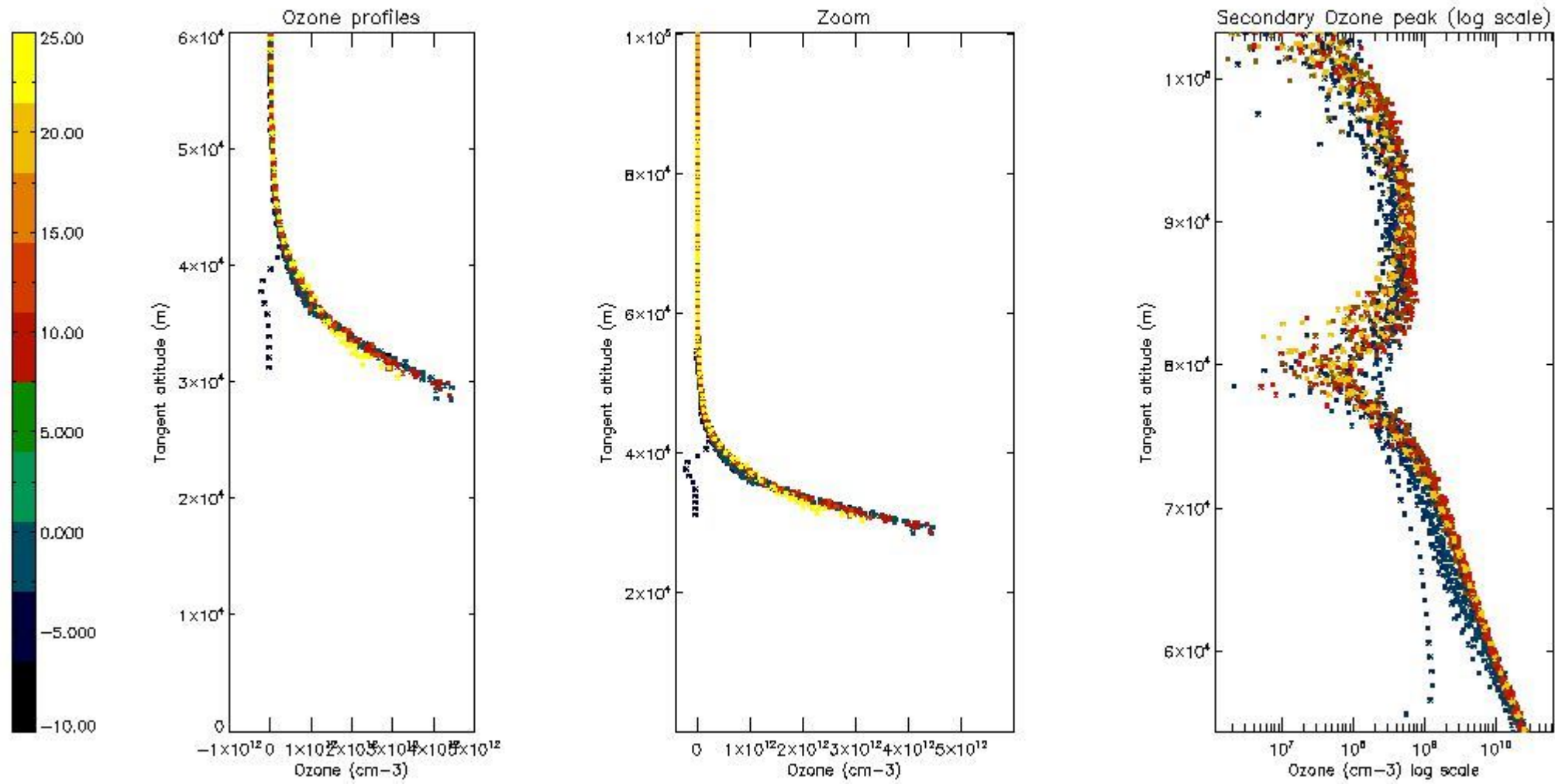
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	42
STD < 20	25

STD < 10	21
STD < 5	16

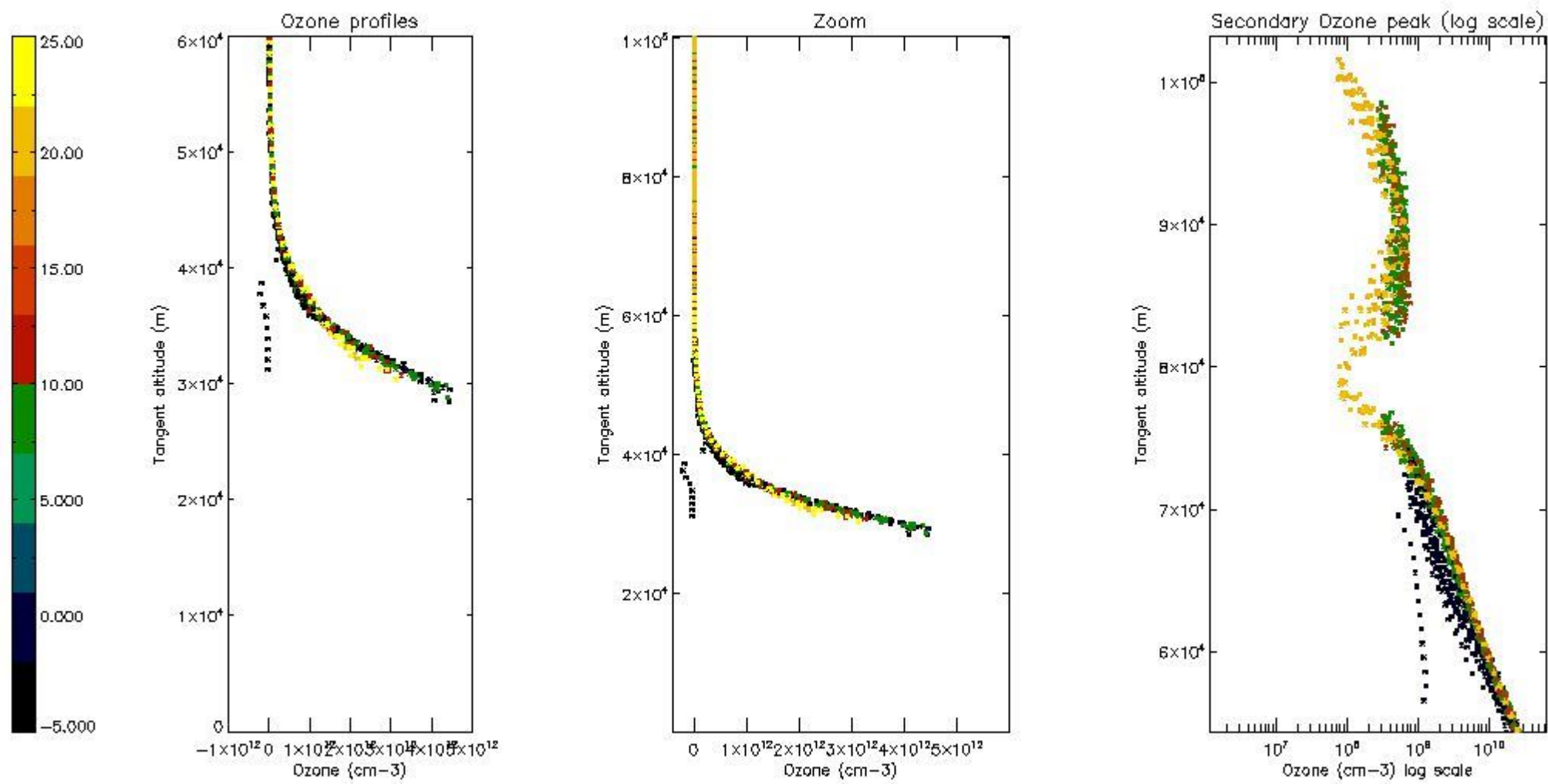
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



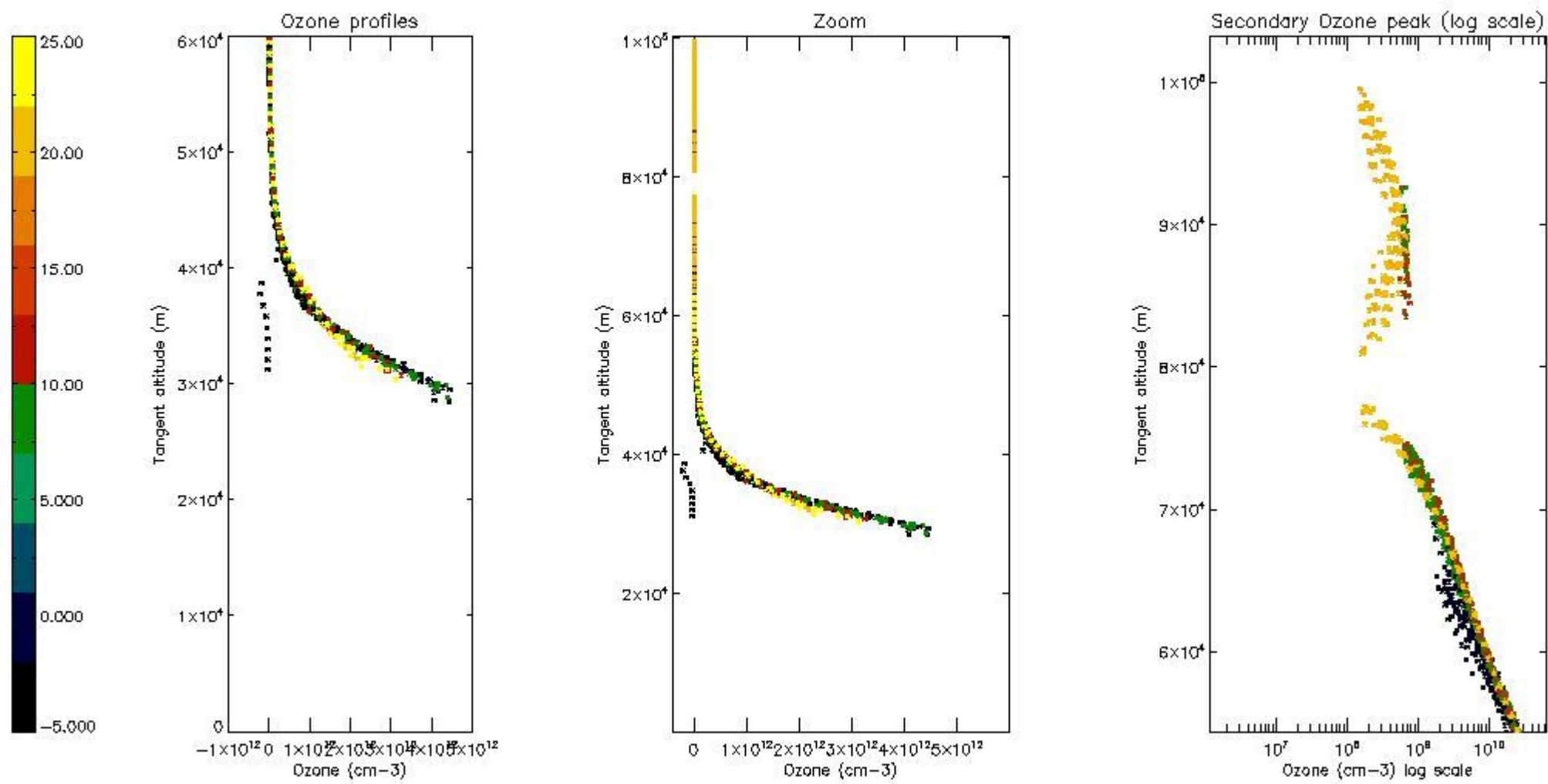
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



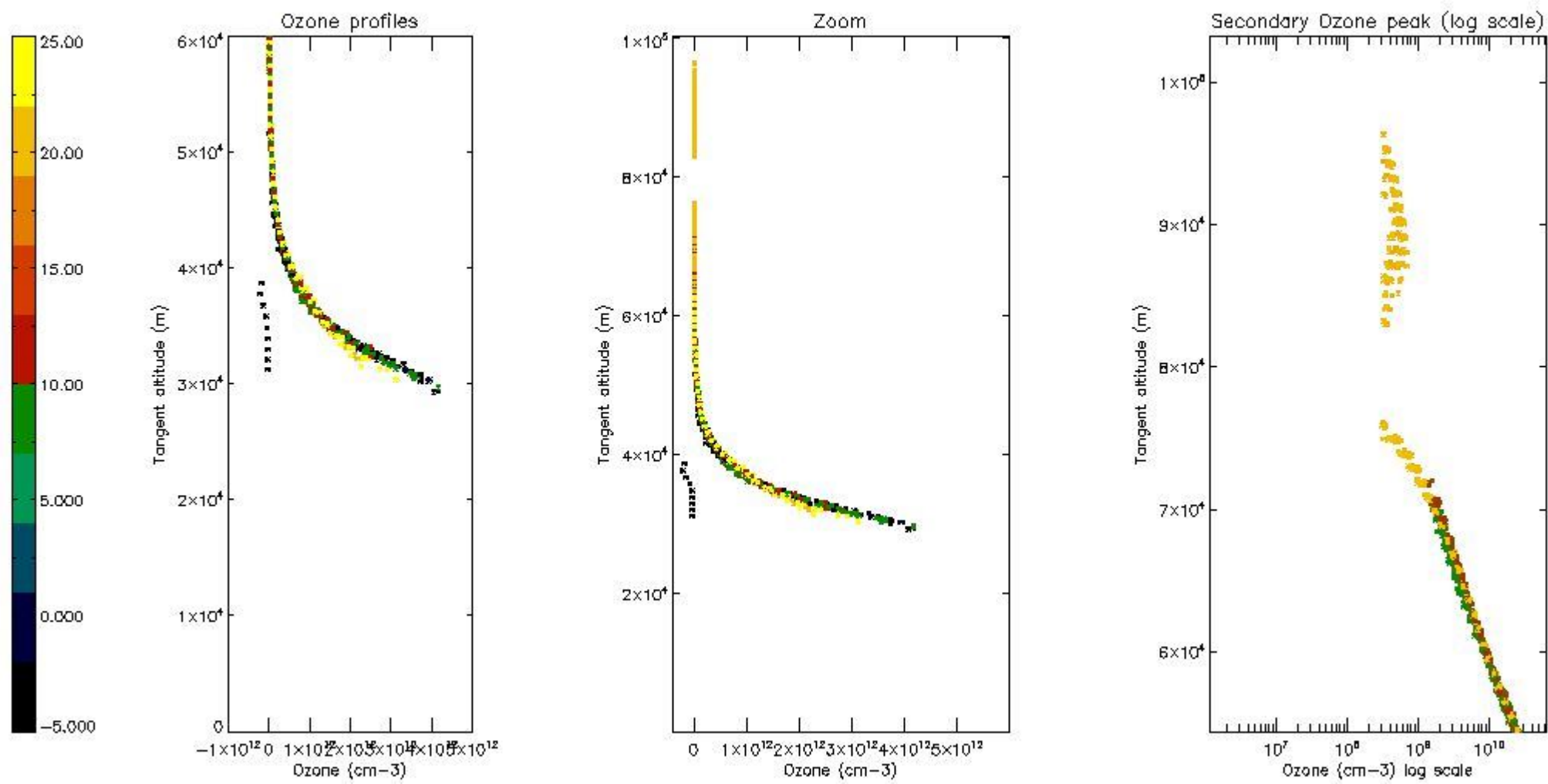
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



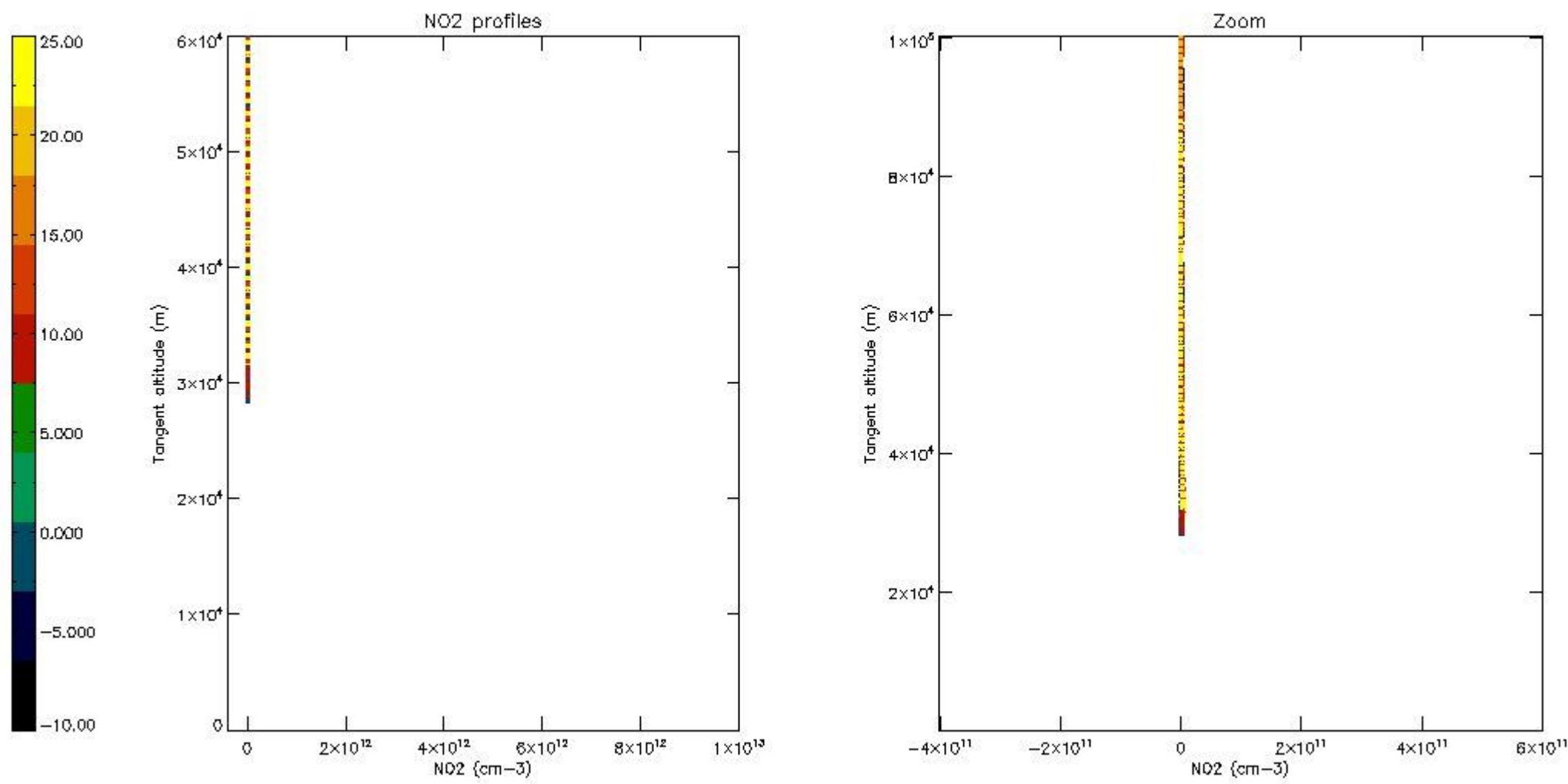
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



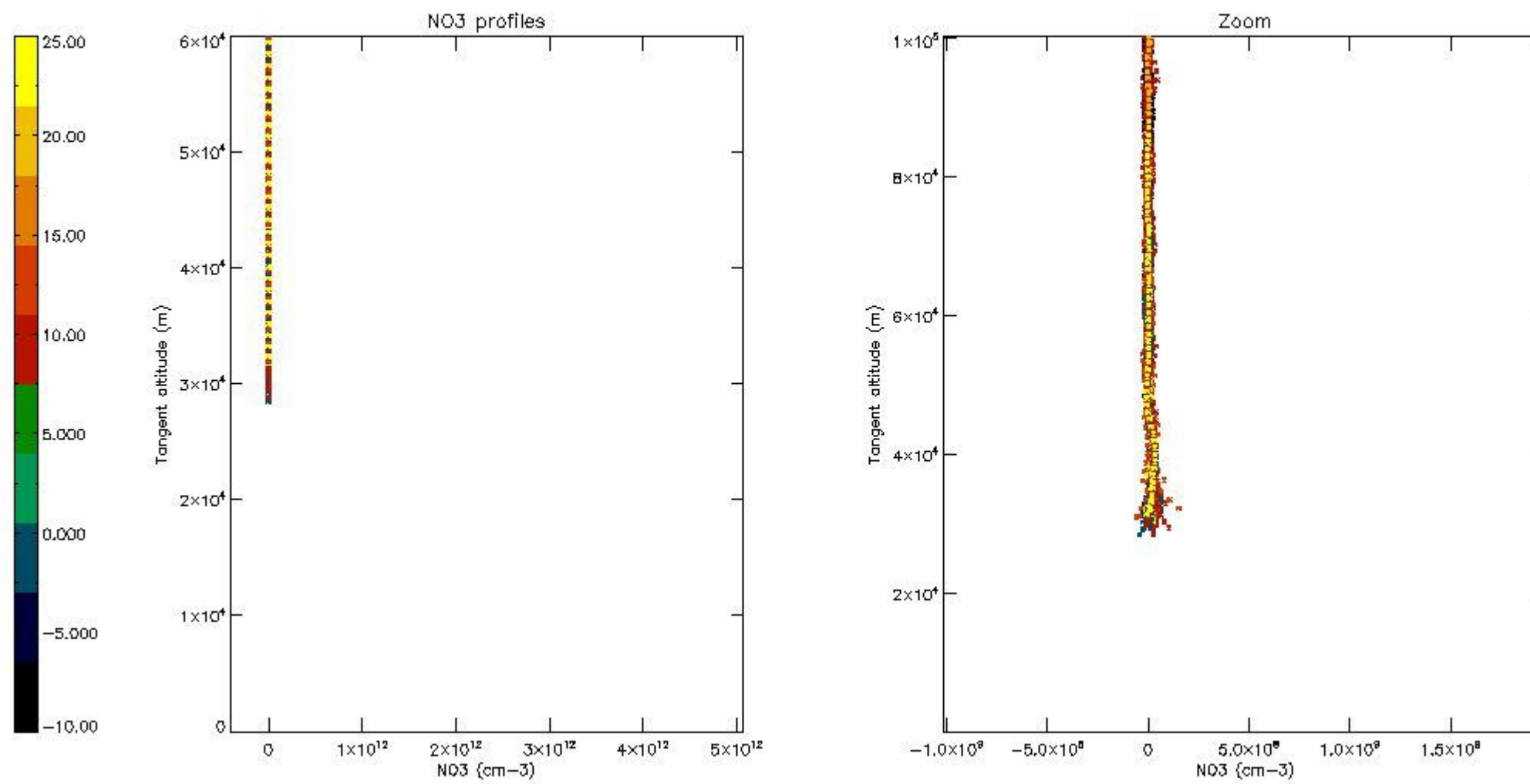
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

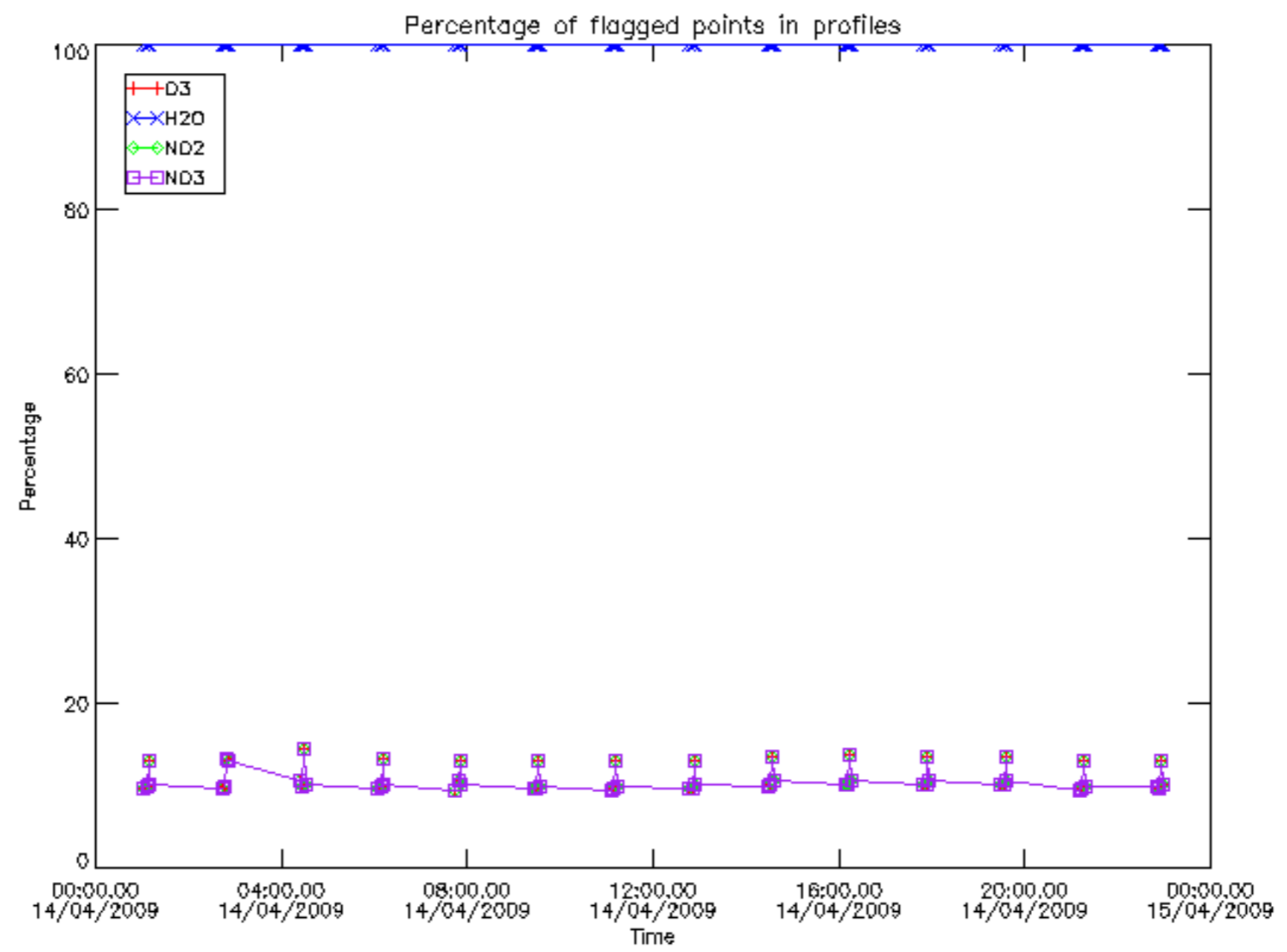
The colorbar represents the latitude.



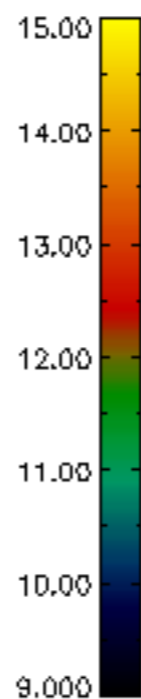
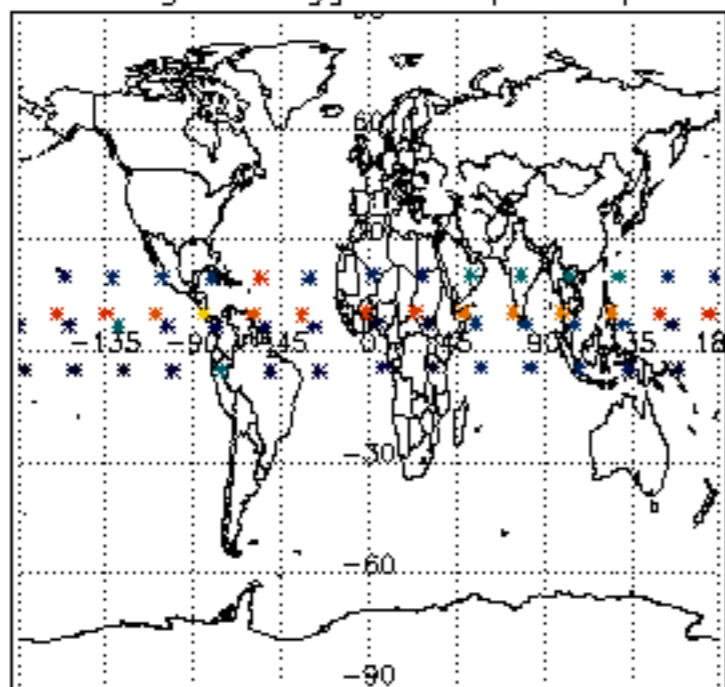
6. Auxiliary Data Files used for the production reported in section 2

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.

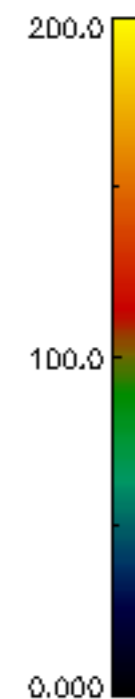
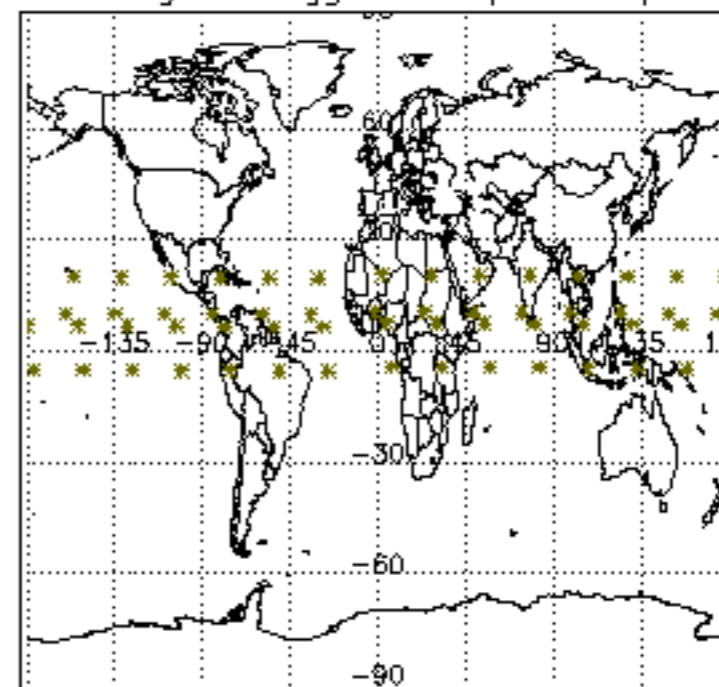
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	14-APR-2009 00:07:35
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-APR-2009 00:07:35
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-APR-2009 00:07:35



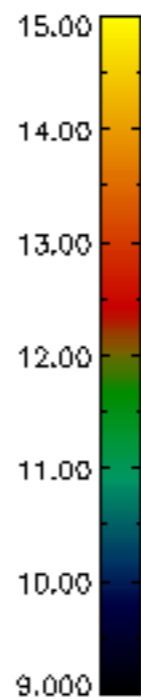
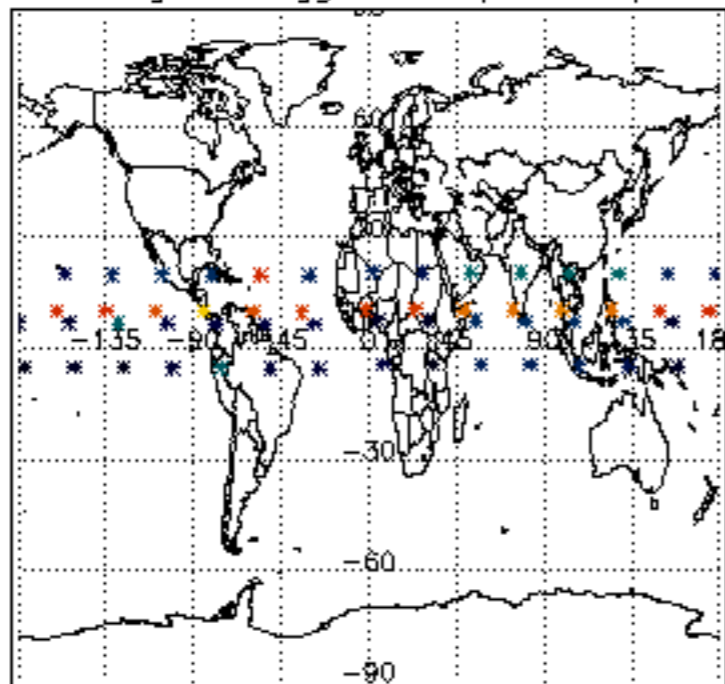
Percentage of flagged data per D3 profile



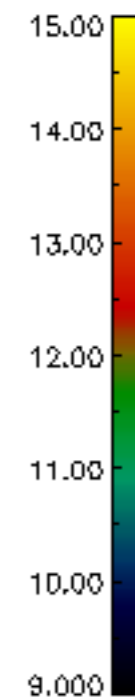
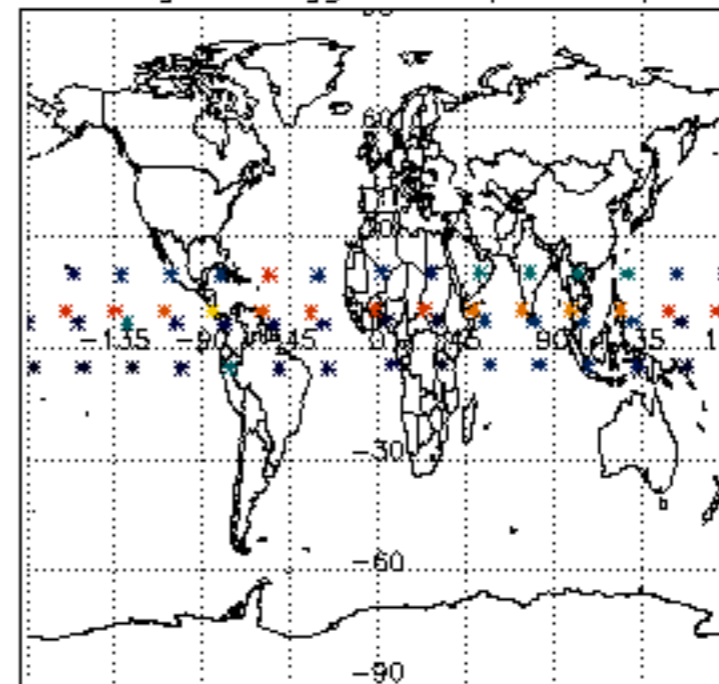
Percentage of flagged data per H2O profile

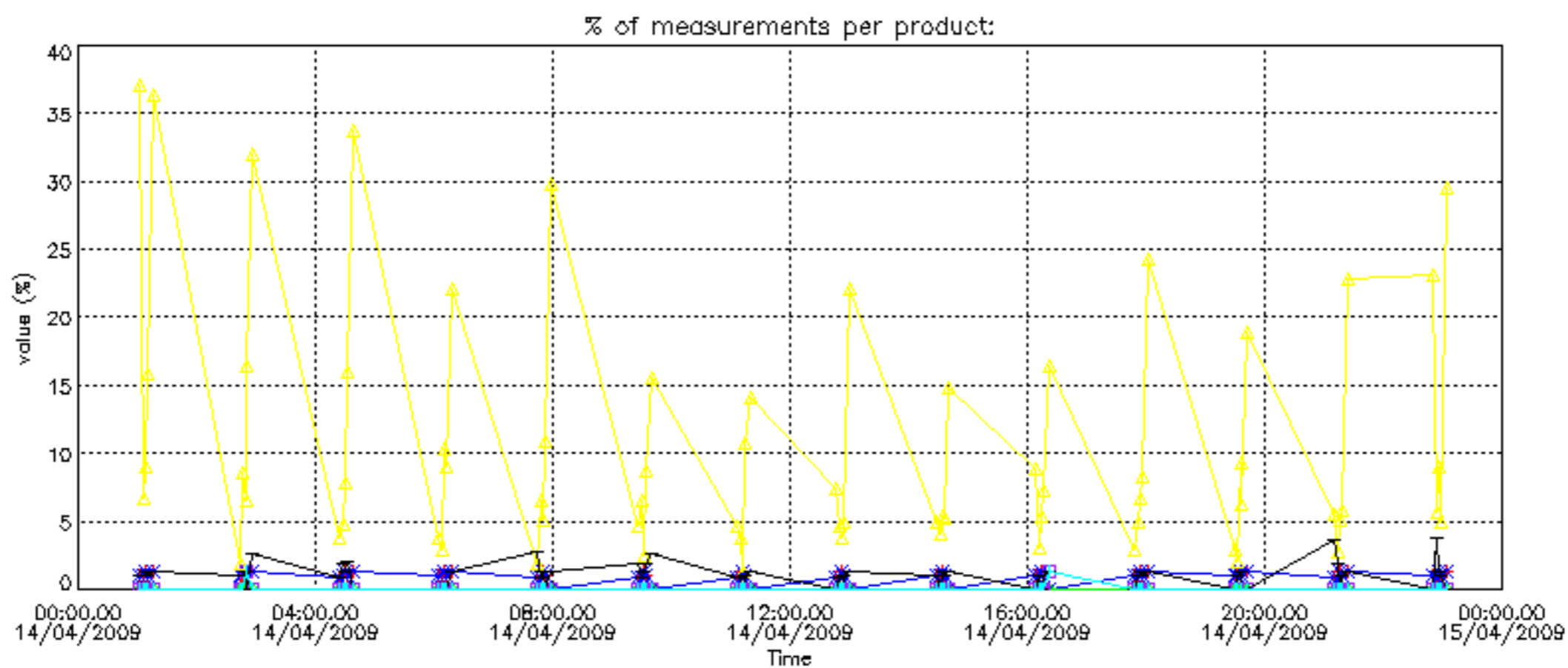


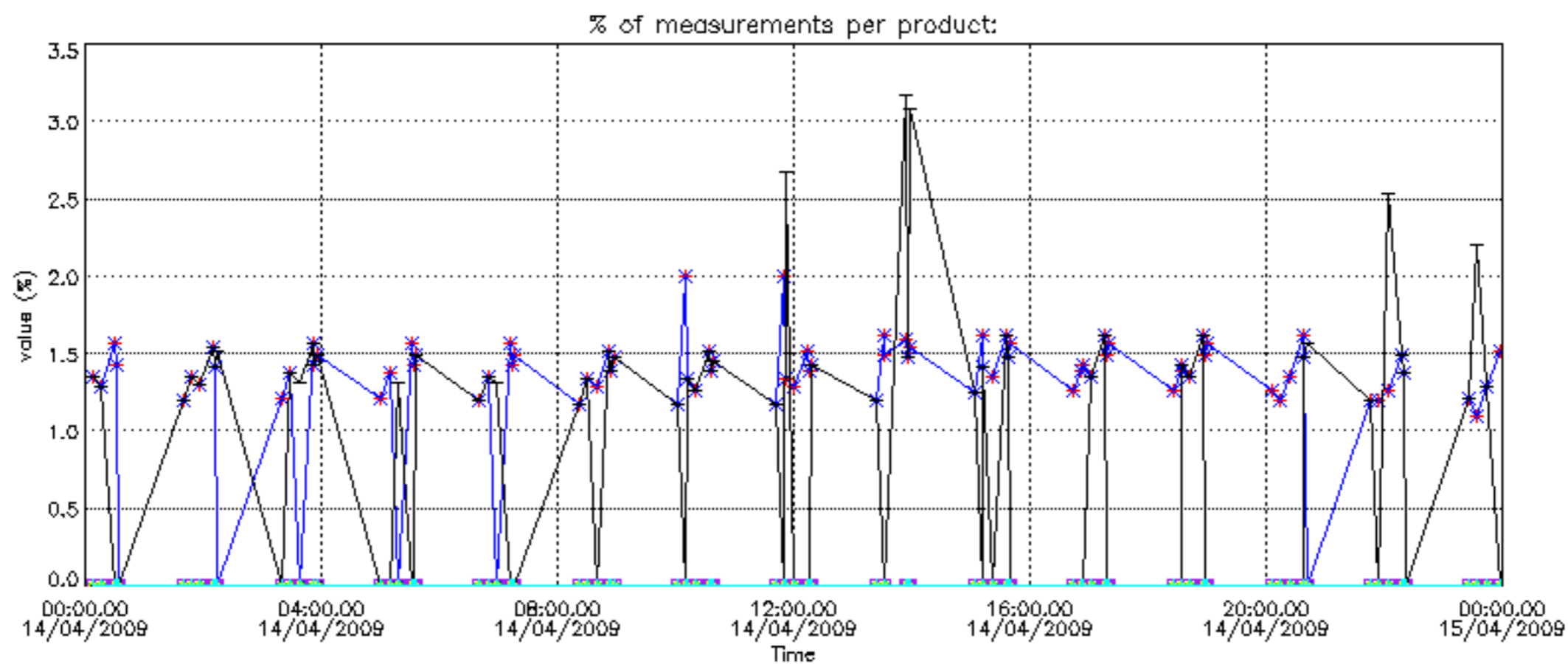
Percentage of flagged data per NO2 profile



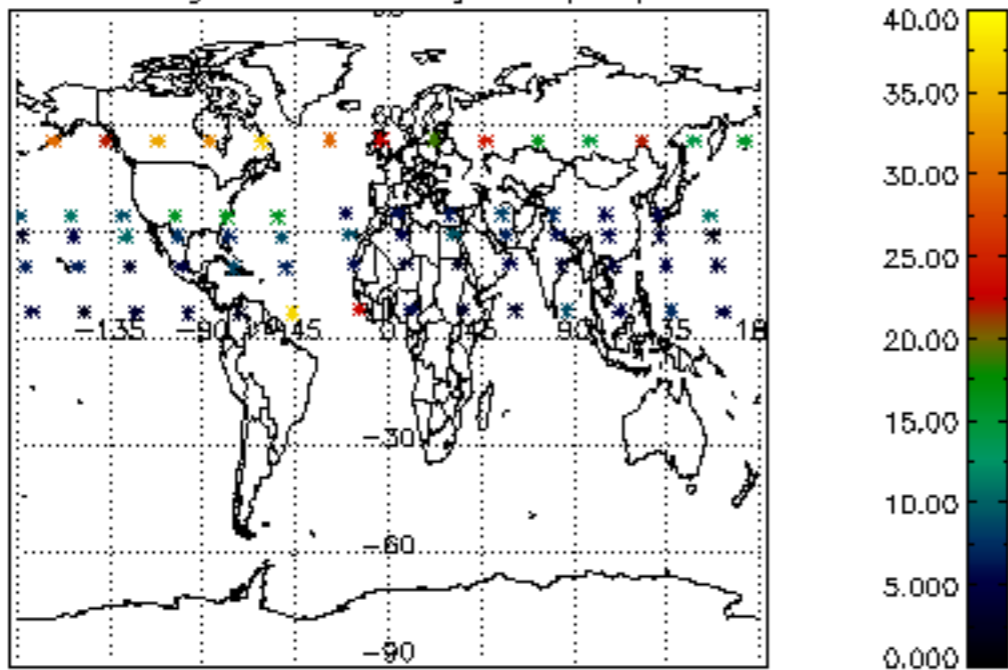
Percentage of flagged data per NO3 profile



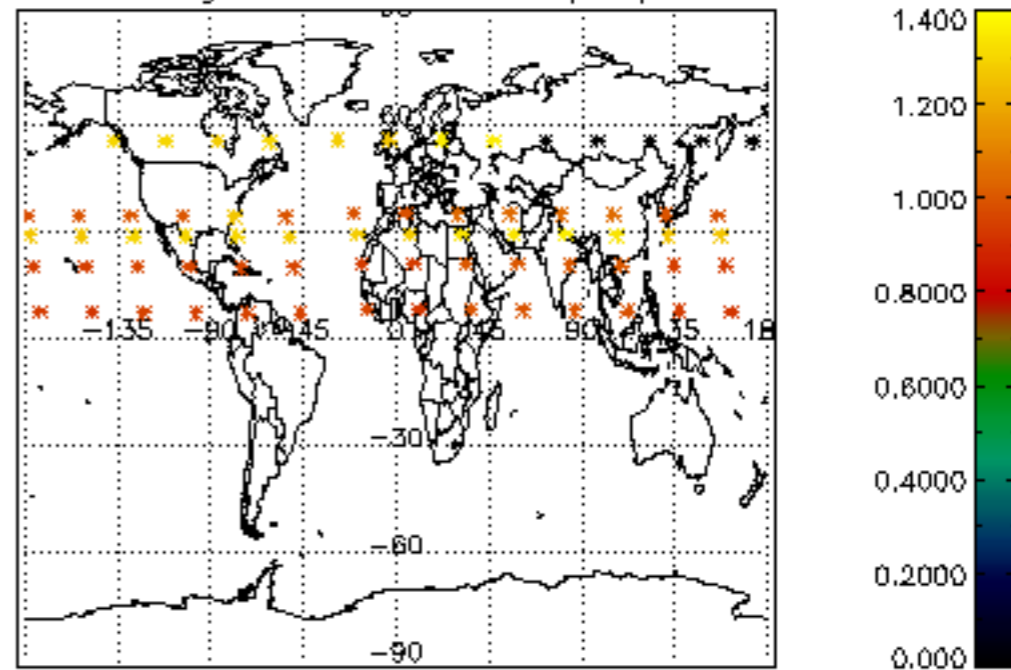




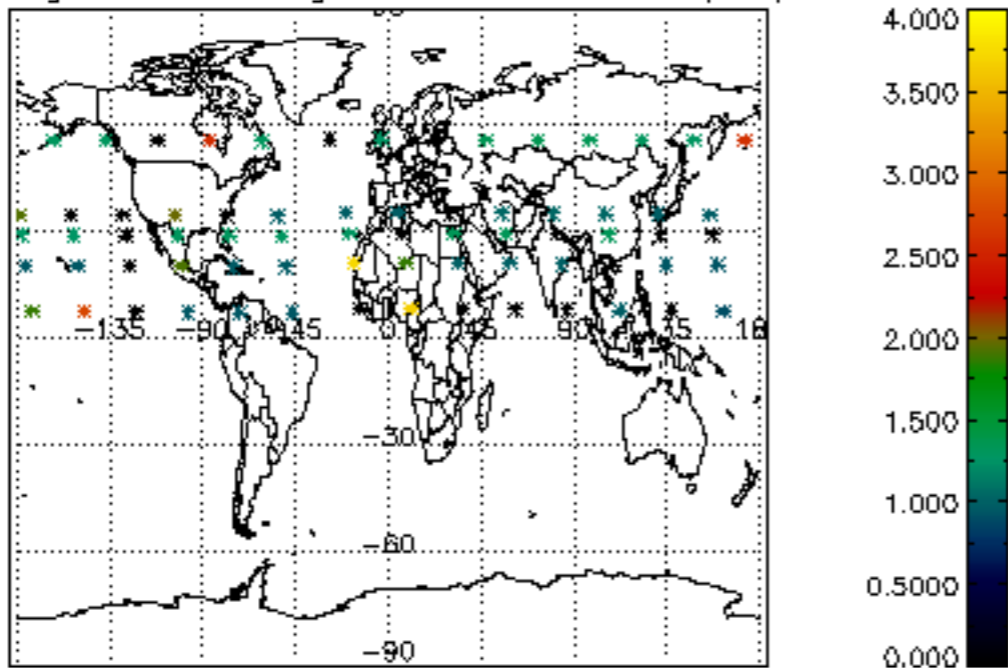
Percentage of cosmic ray hits per profile



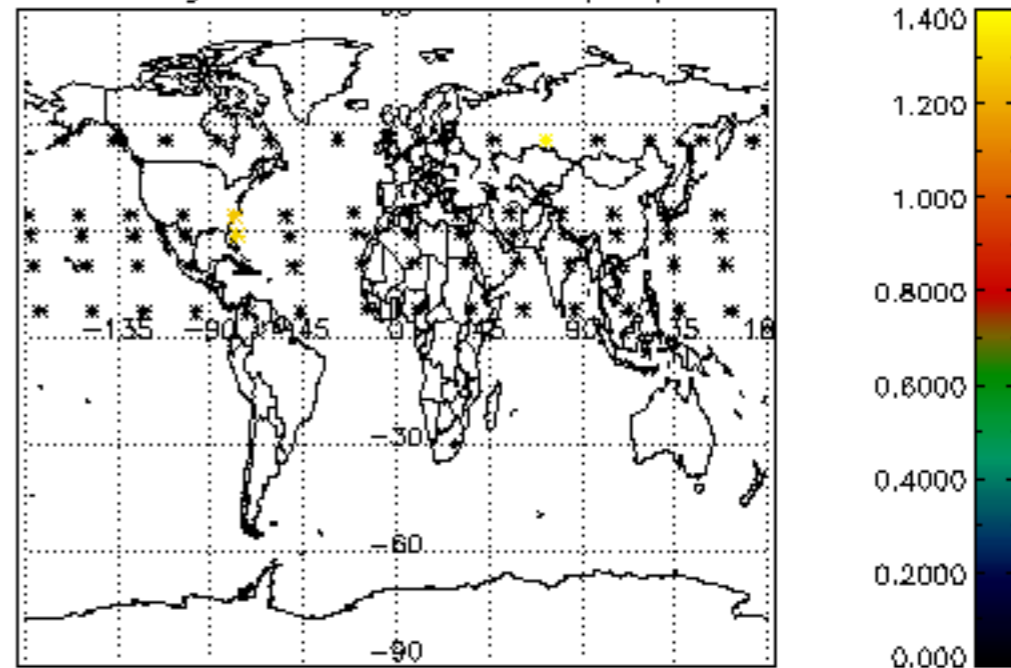
Percentage of datation errors per profile



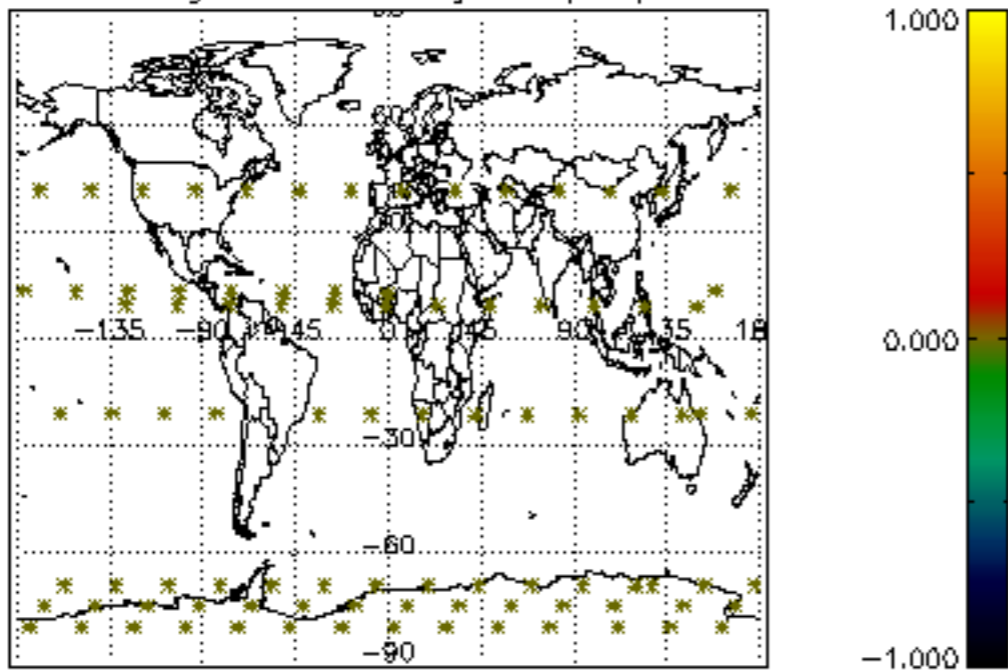
Percentage of star falling outside central band per profile



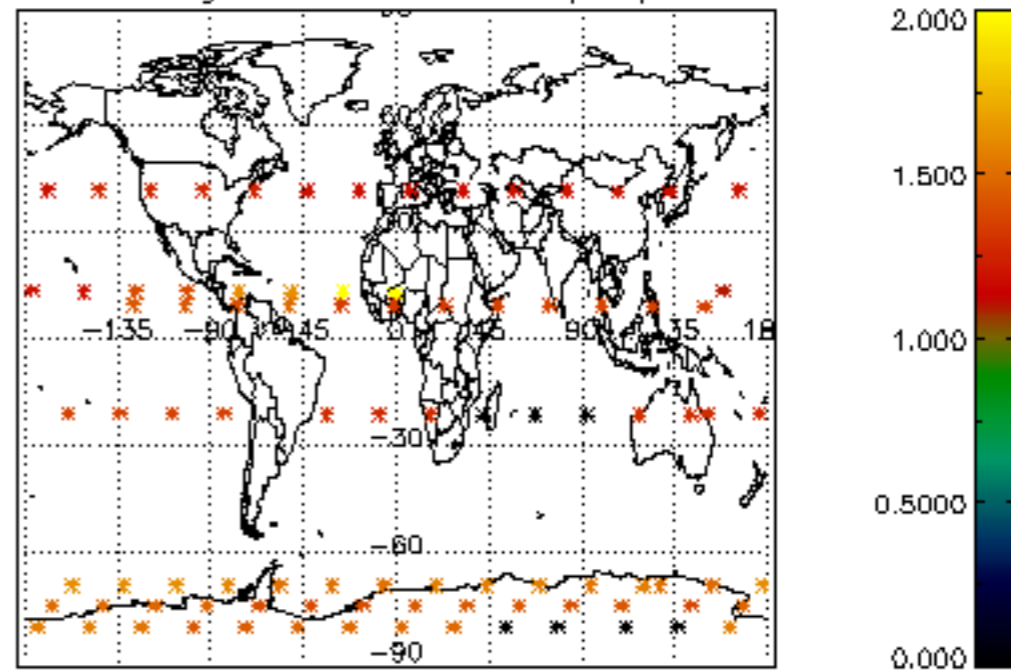
Percentage of saturation errors per profile



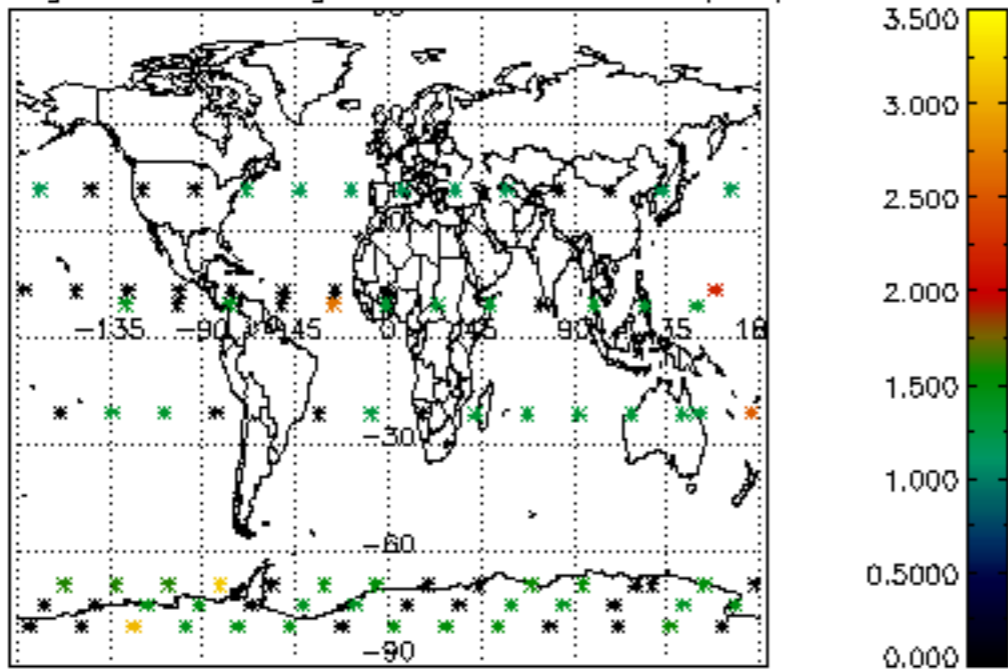
Percentage of cosmic ray hits per profile



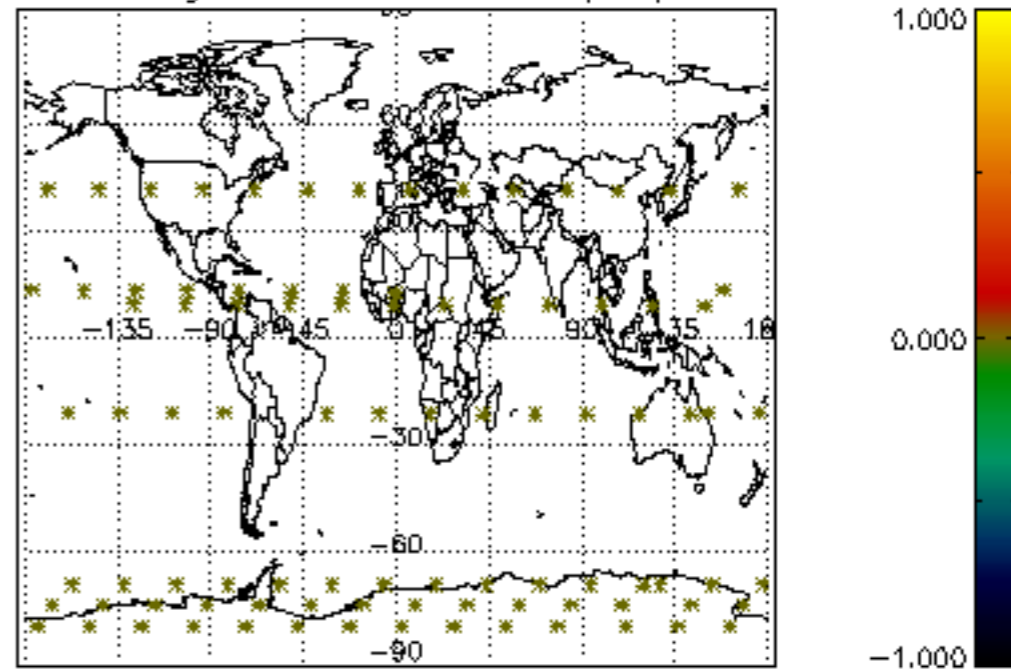
Percentage of datation errors per profile

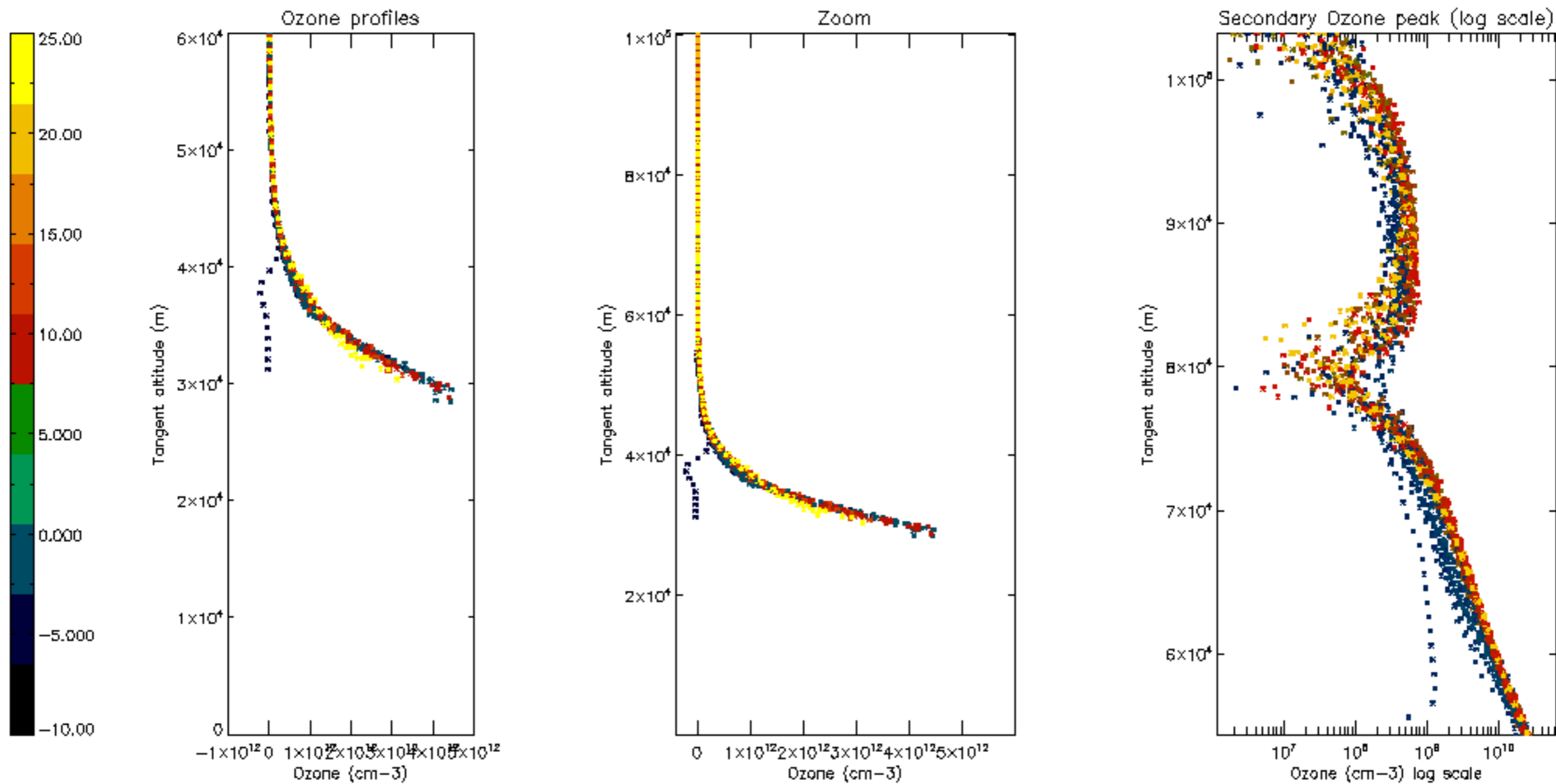


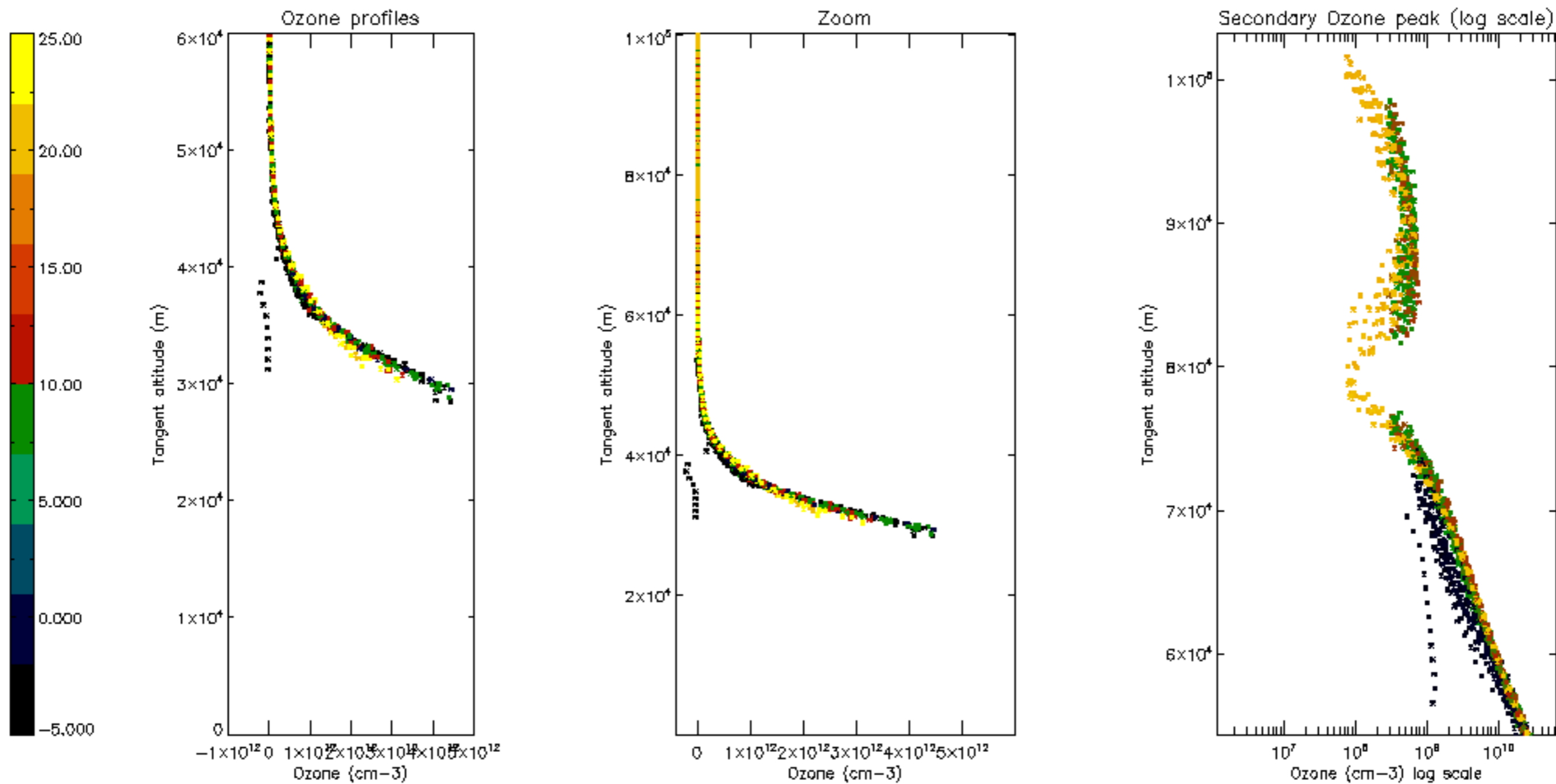
Percentage of star falling outside central band per profile

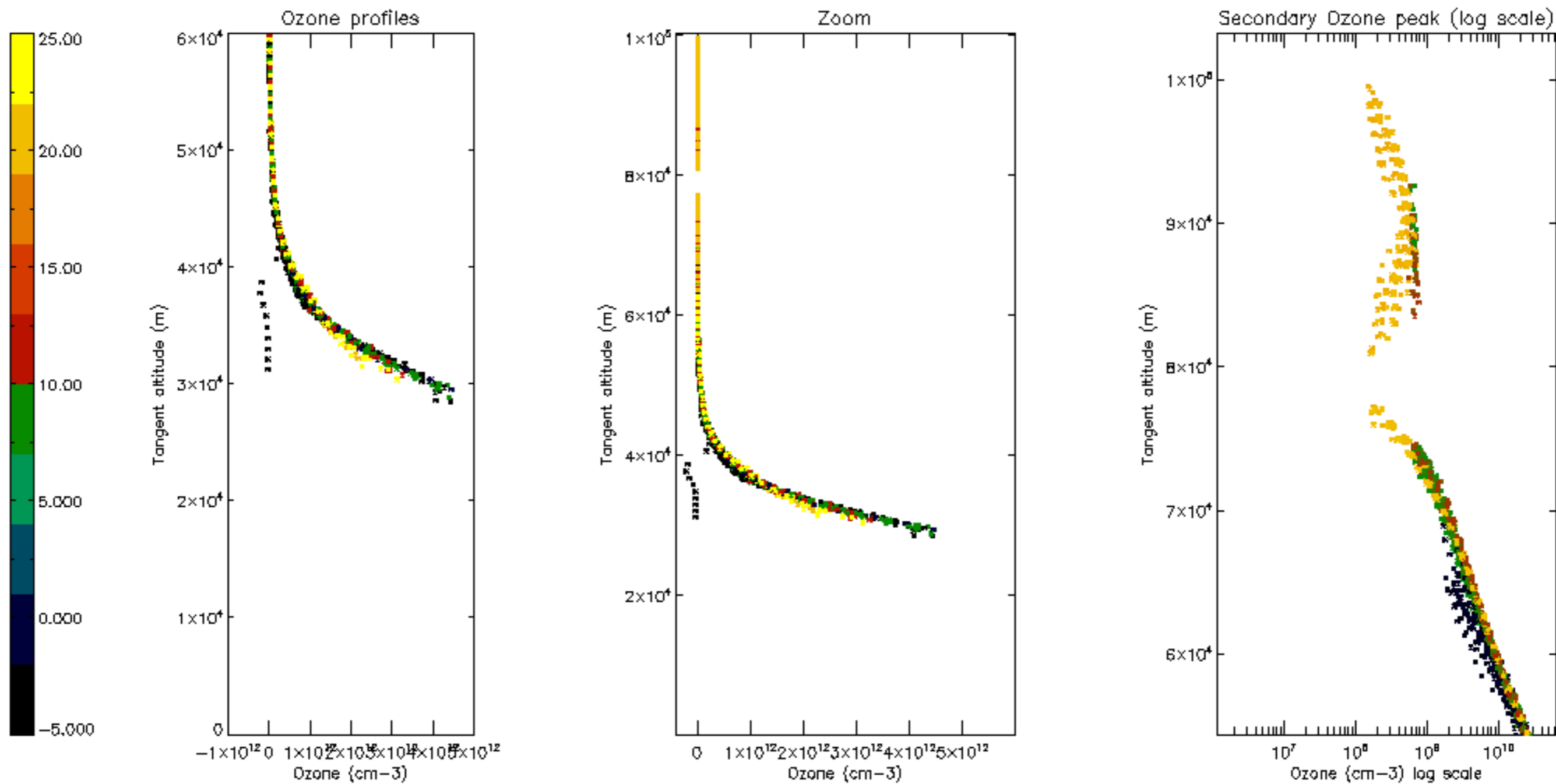


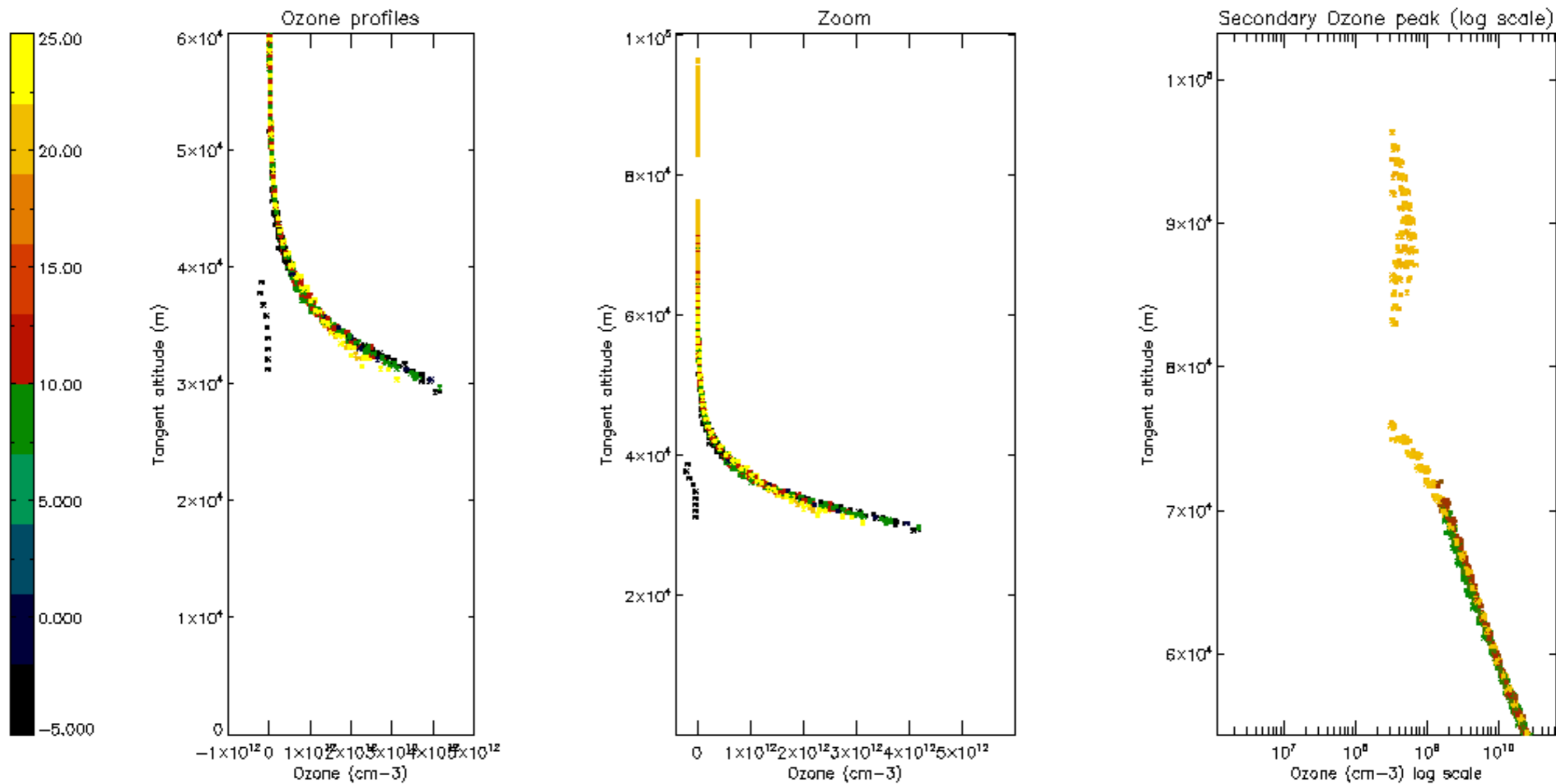
Percentage of saturation errors per profile

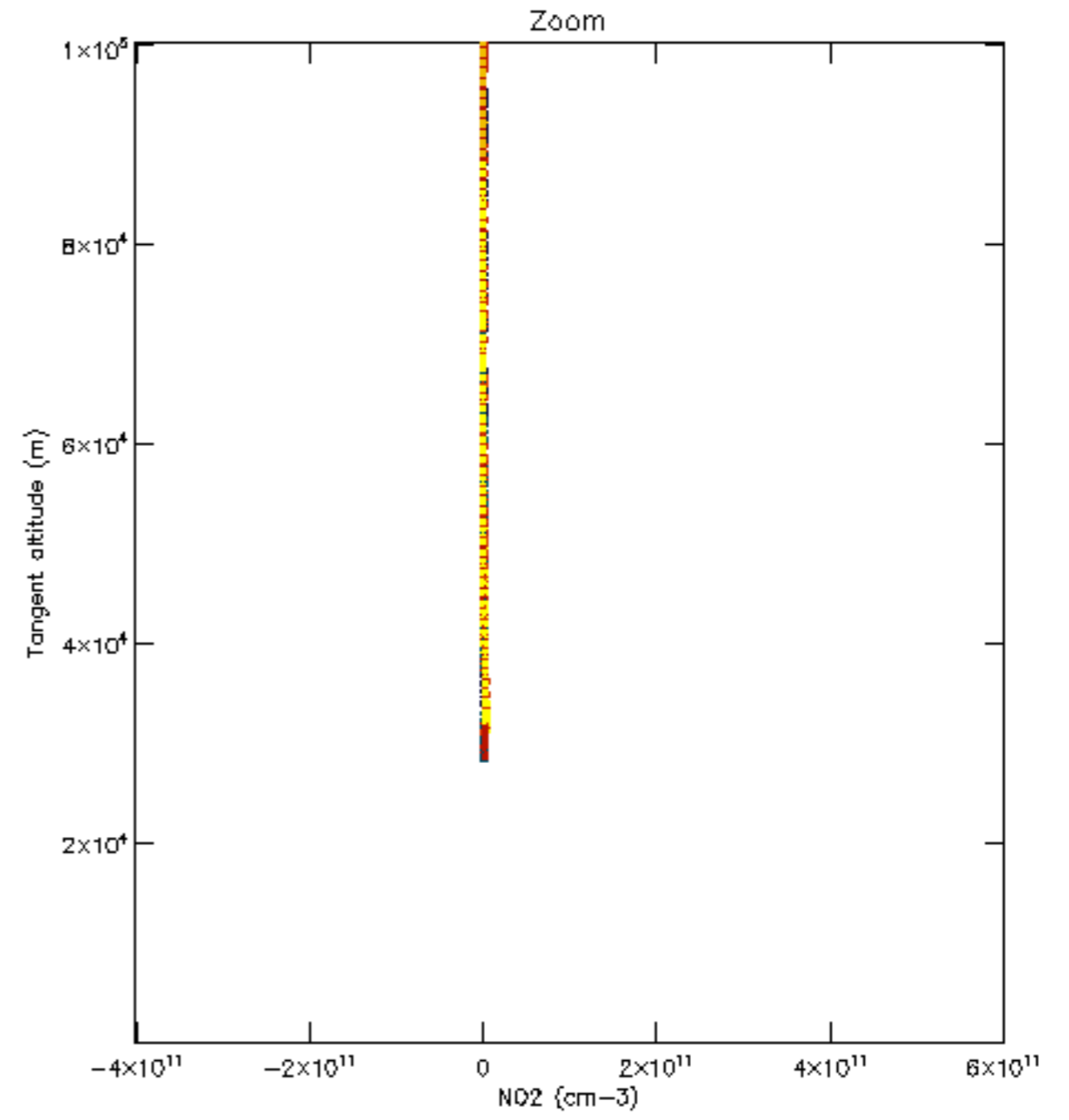
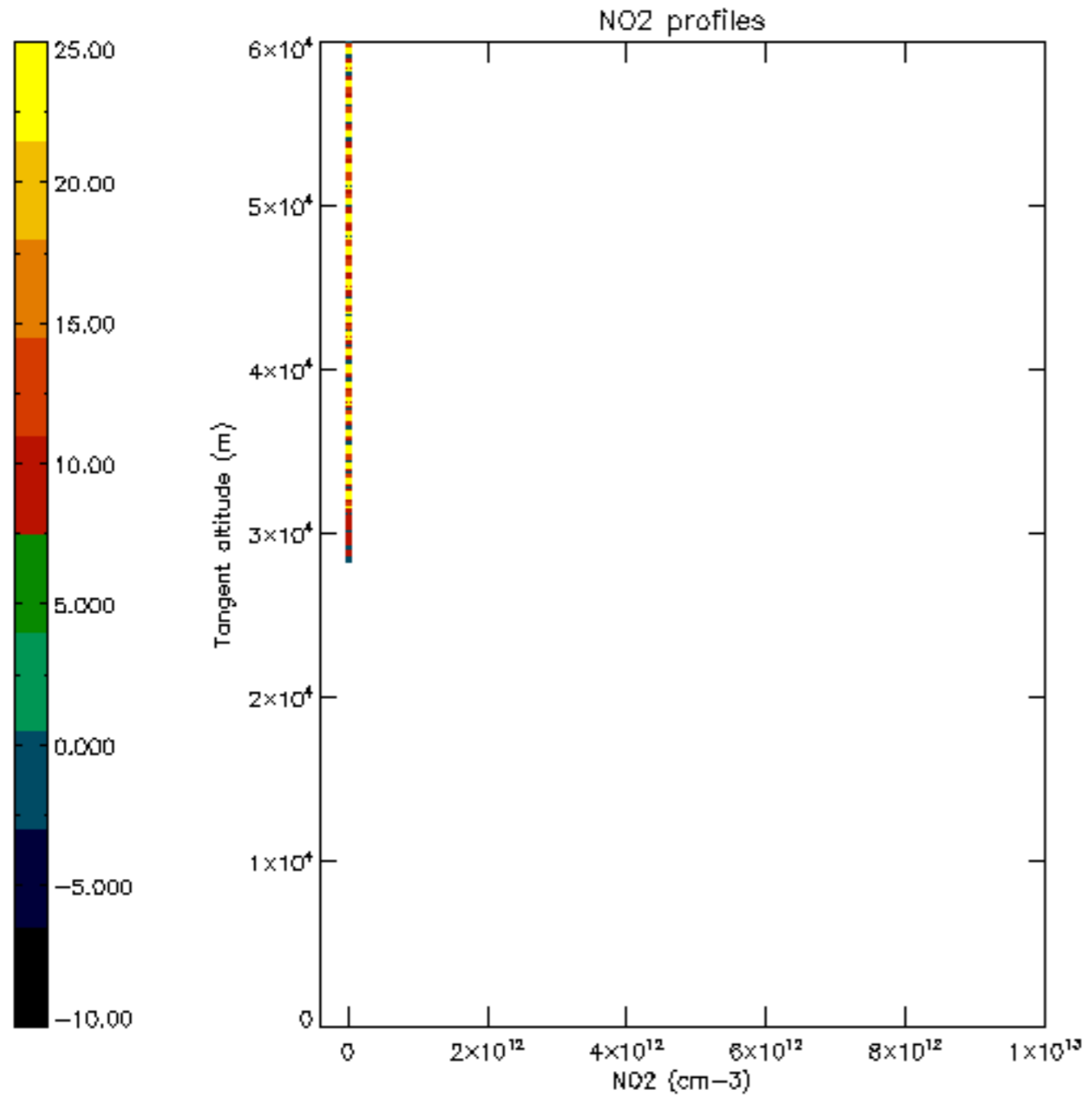


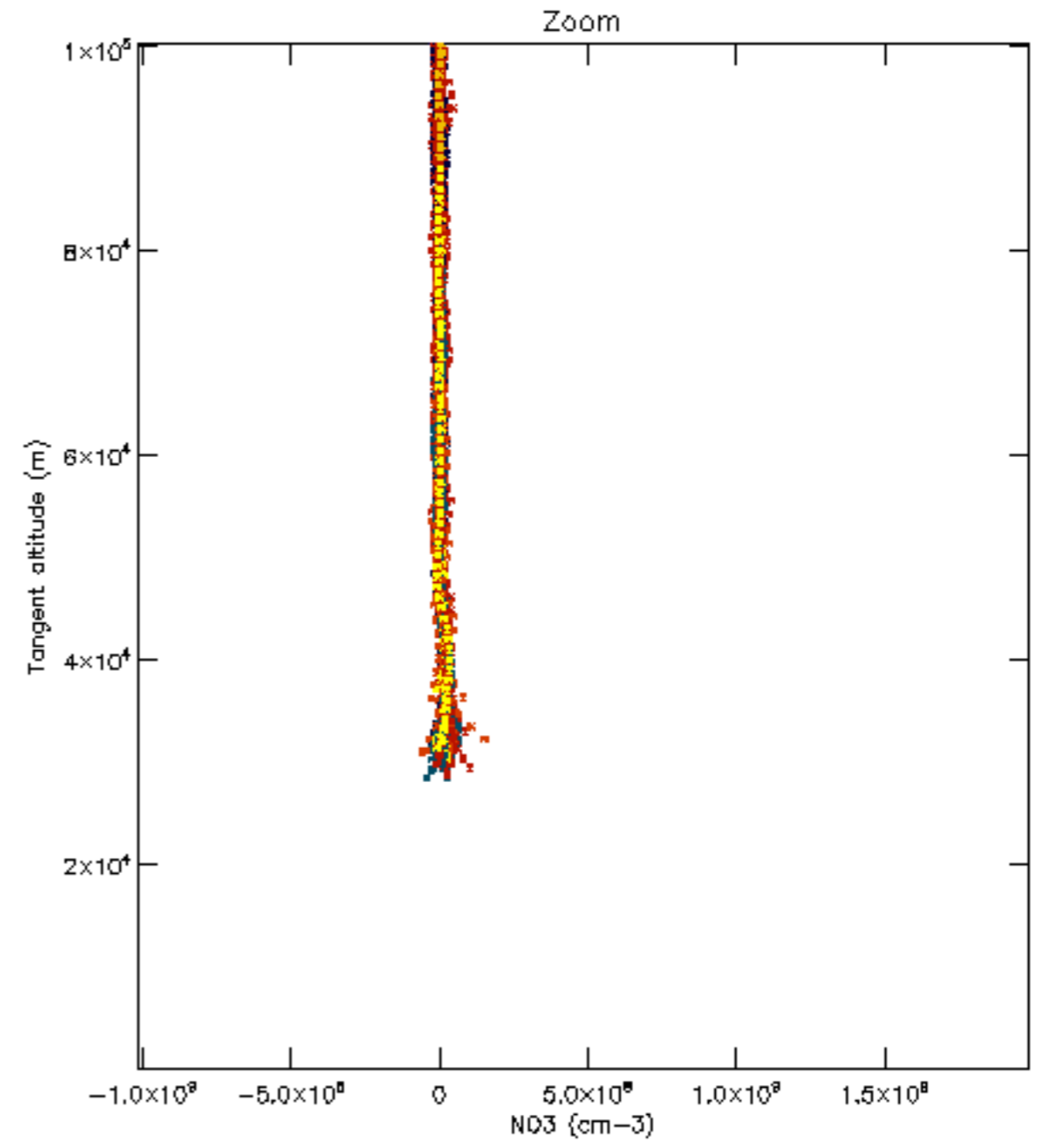
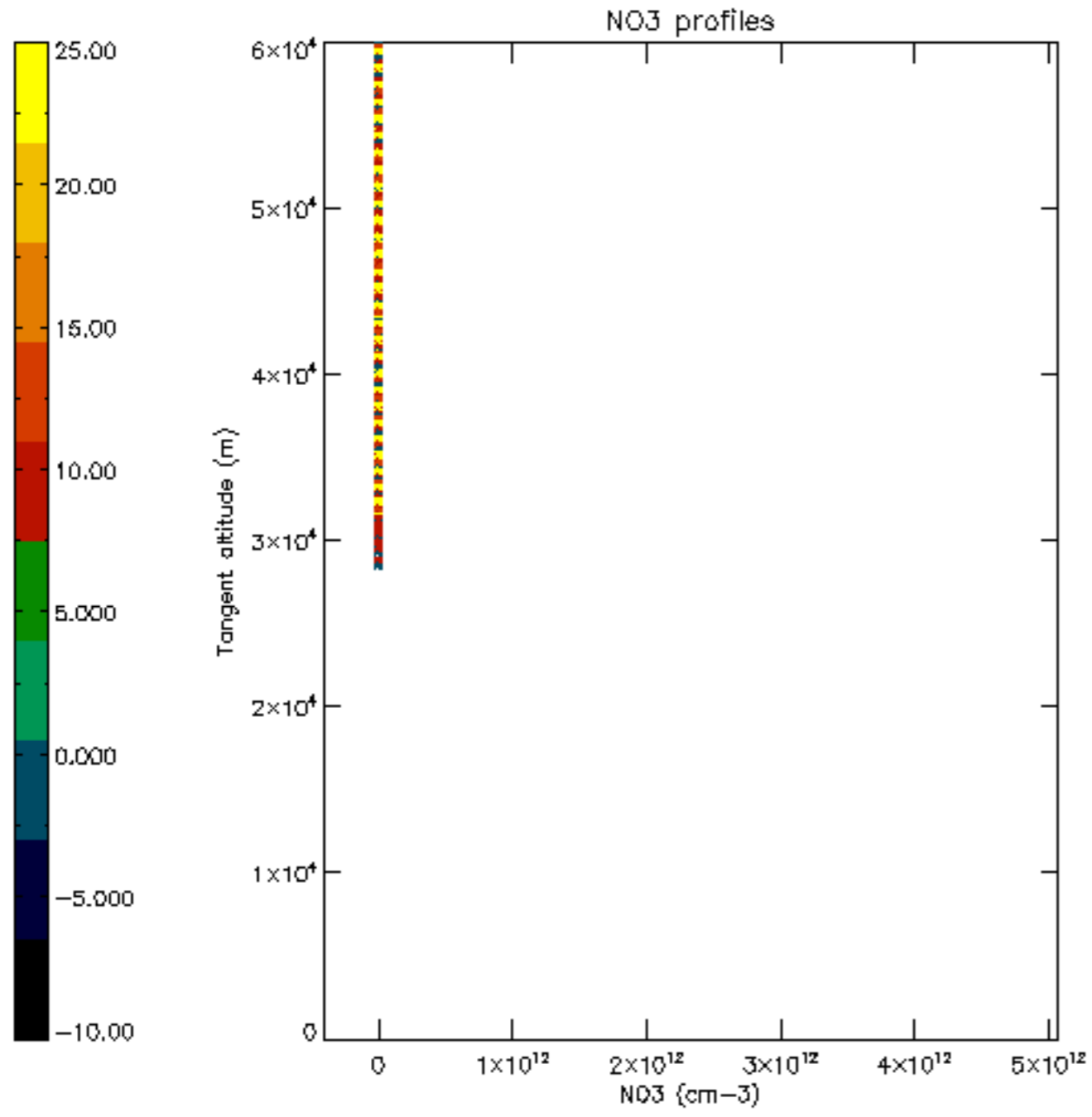


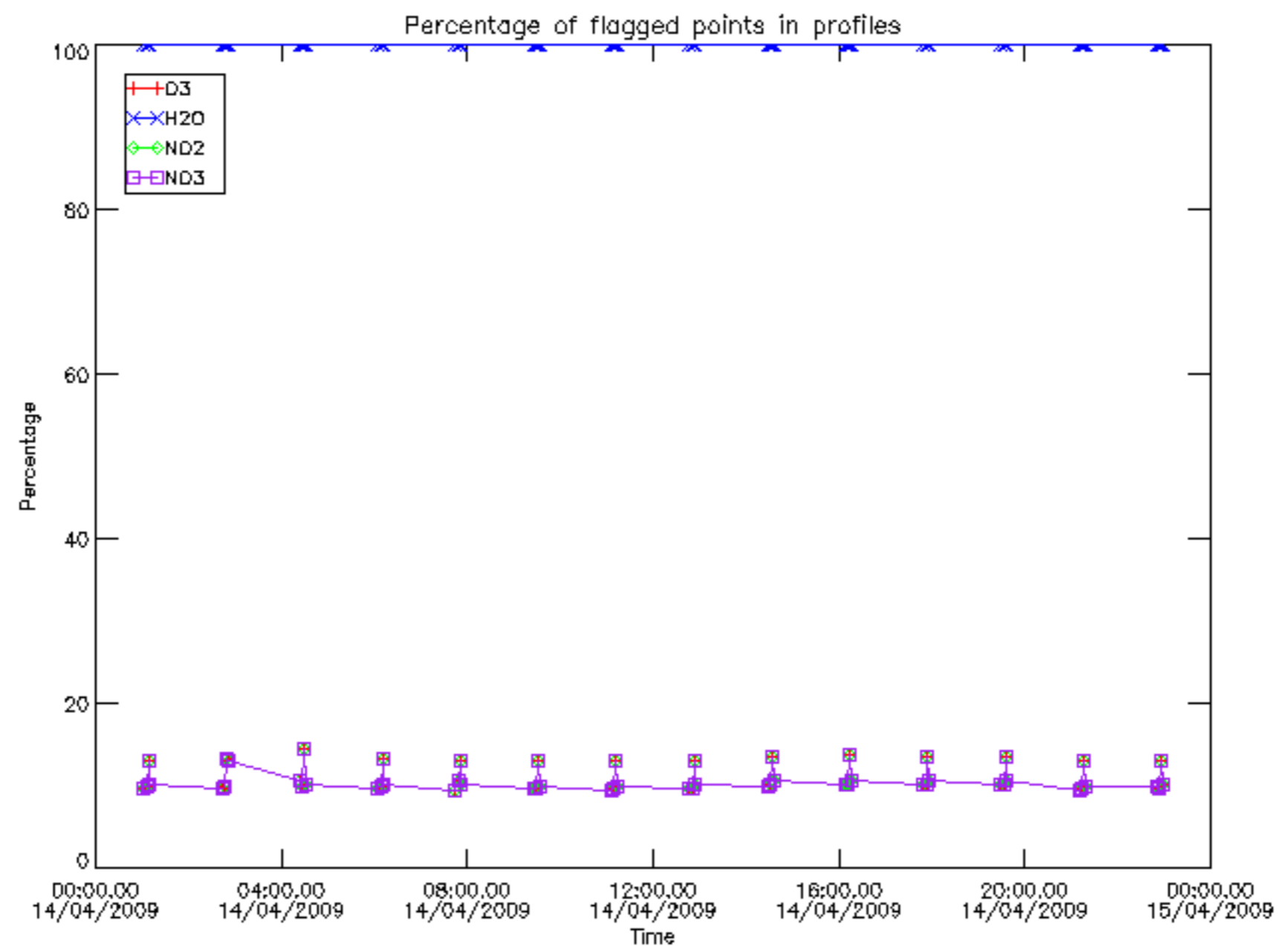




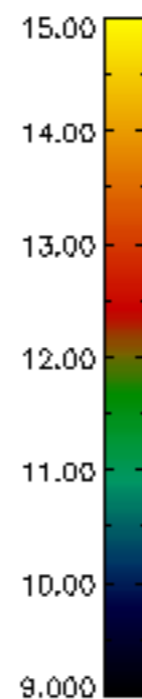
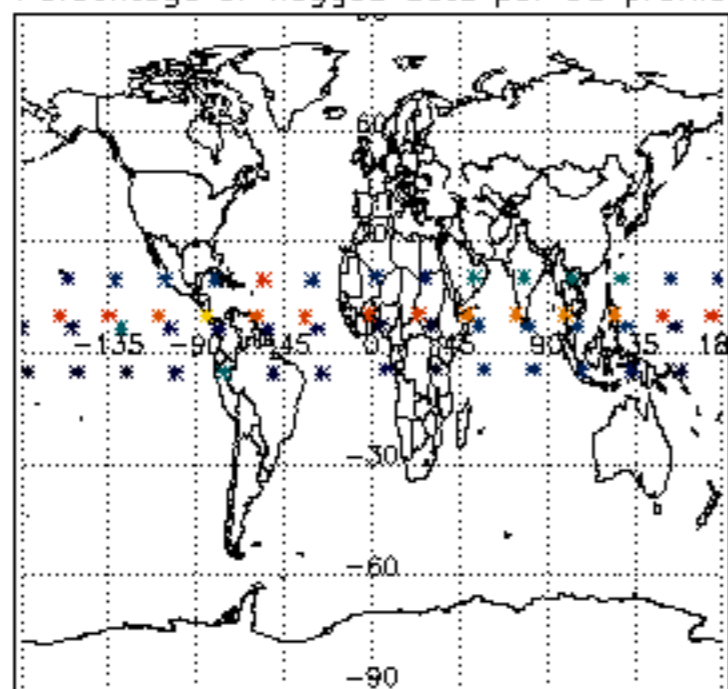




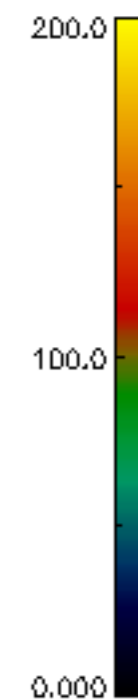
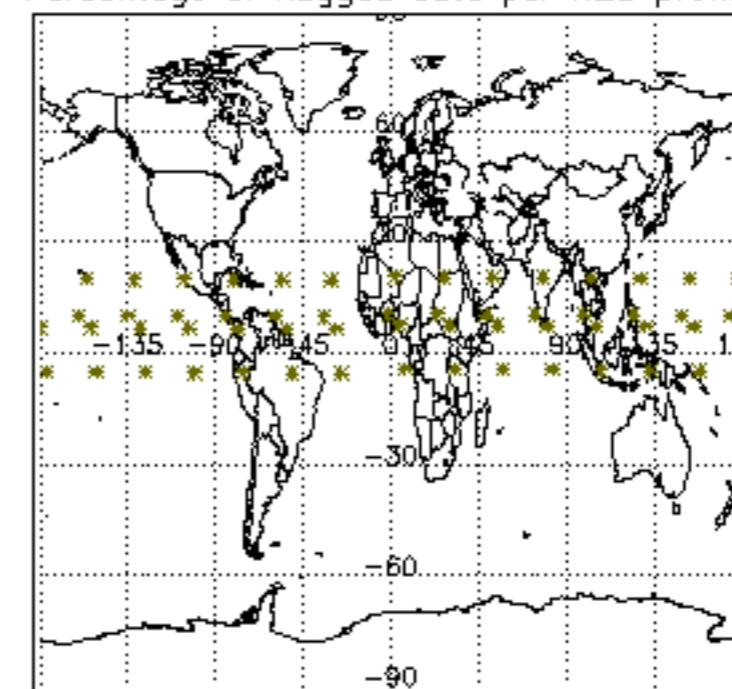




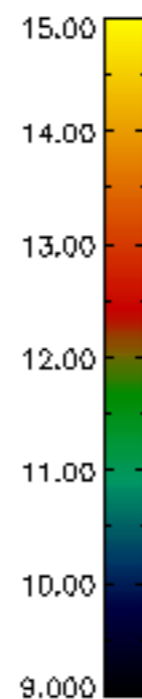
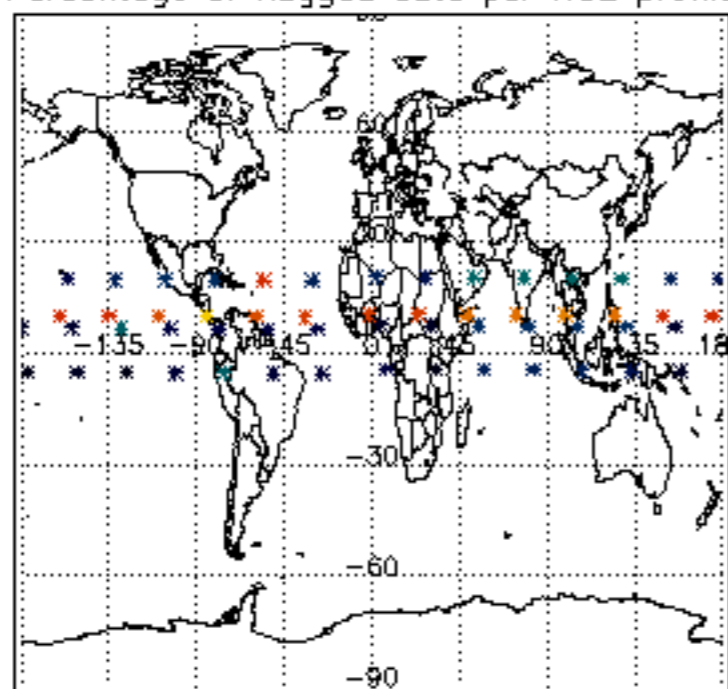
Percentage of flagged data per D3 profile



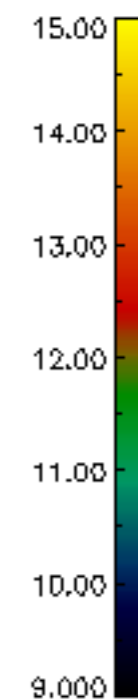
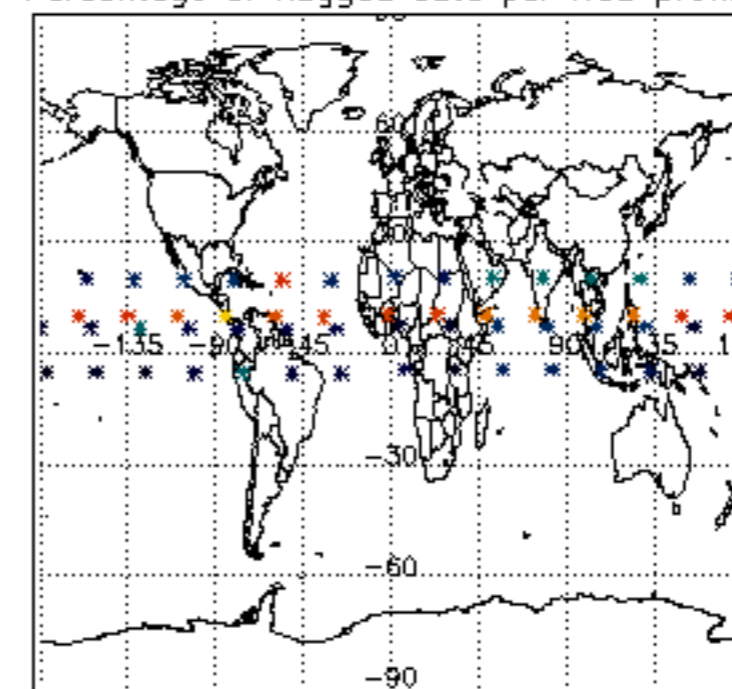
Percentage of flagged data per H2O profile

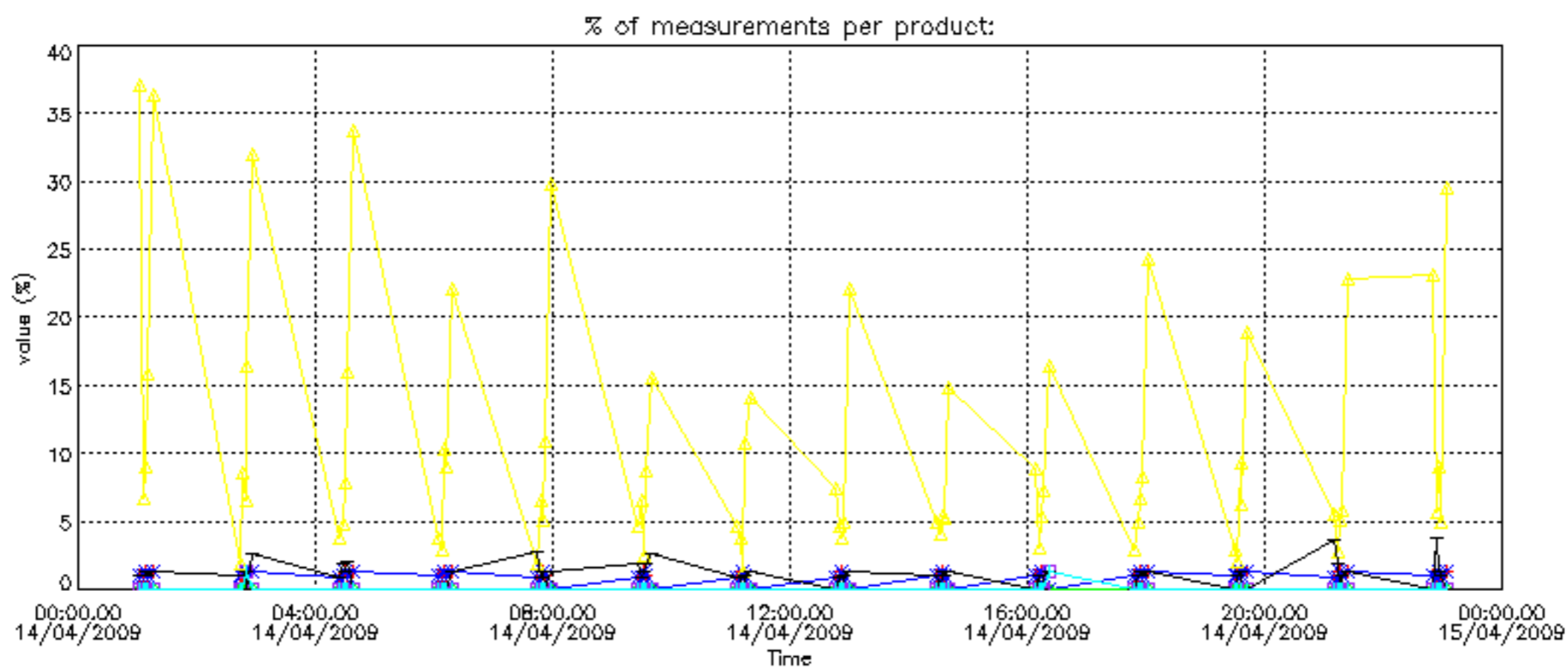


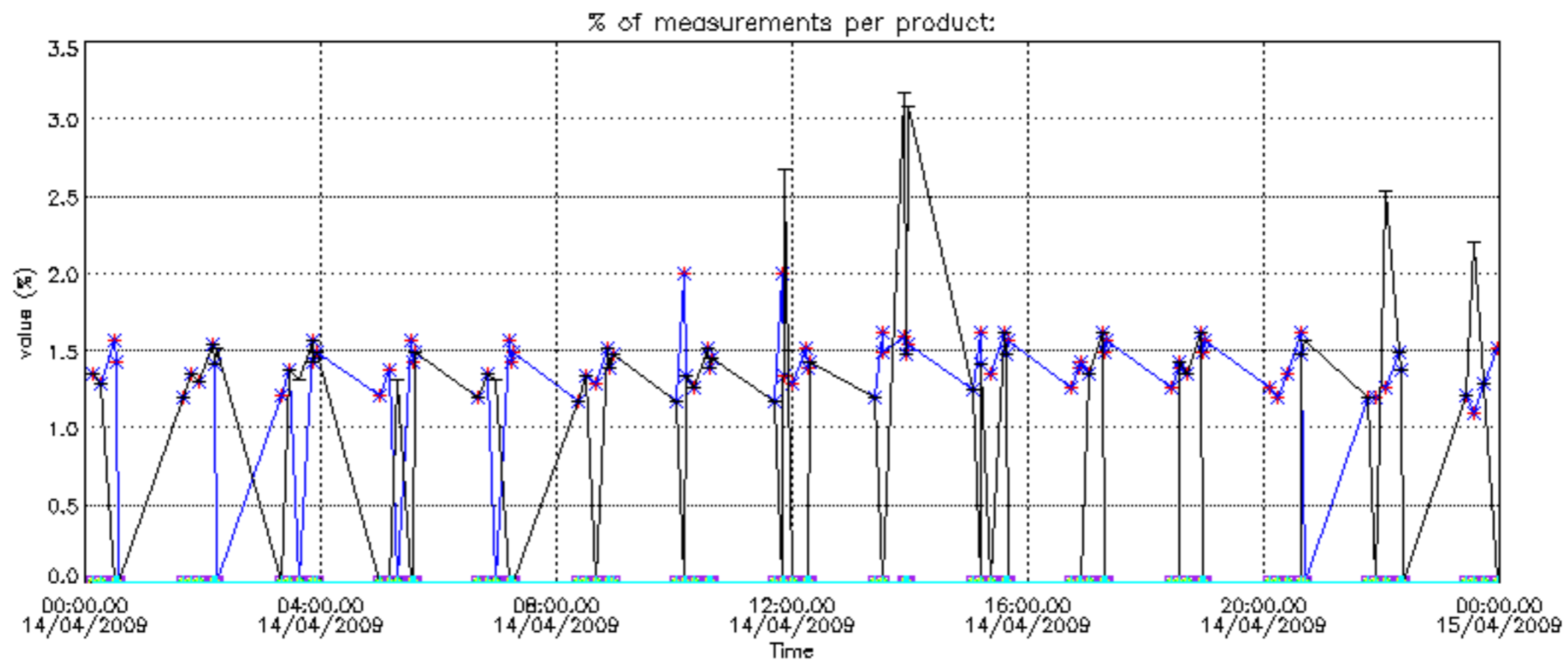
Percentage of flagged data per NO2 profile



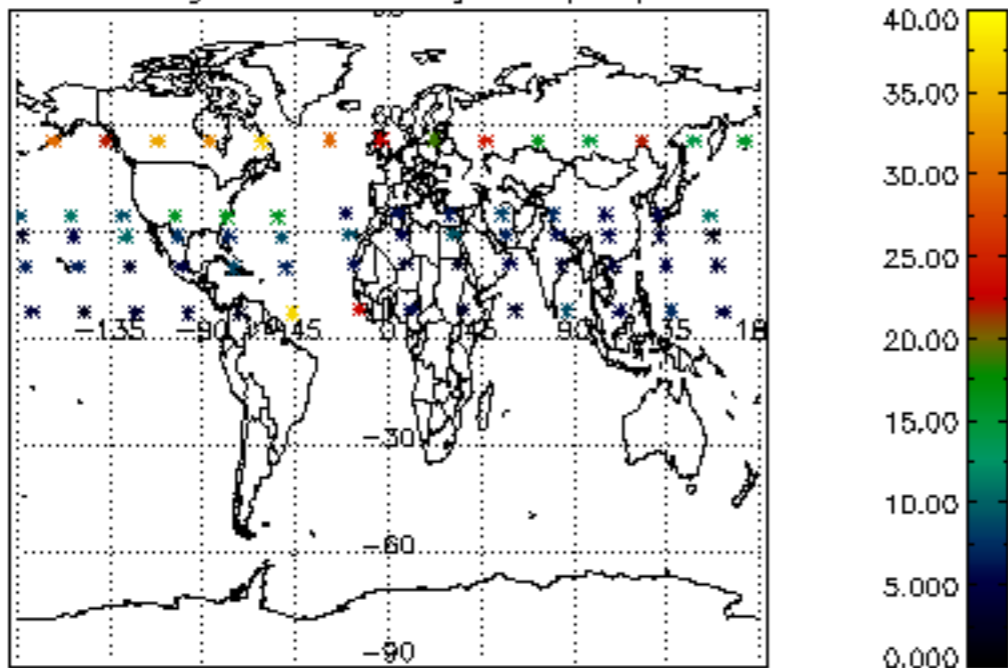
Percentage of flagged data per NO3 profile



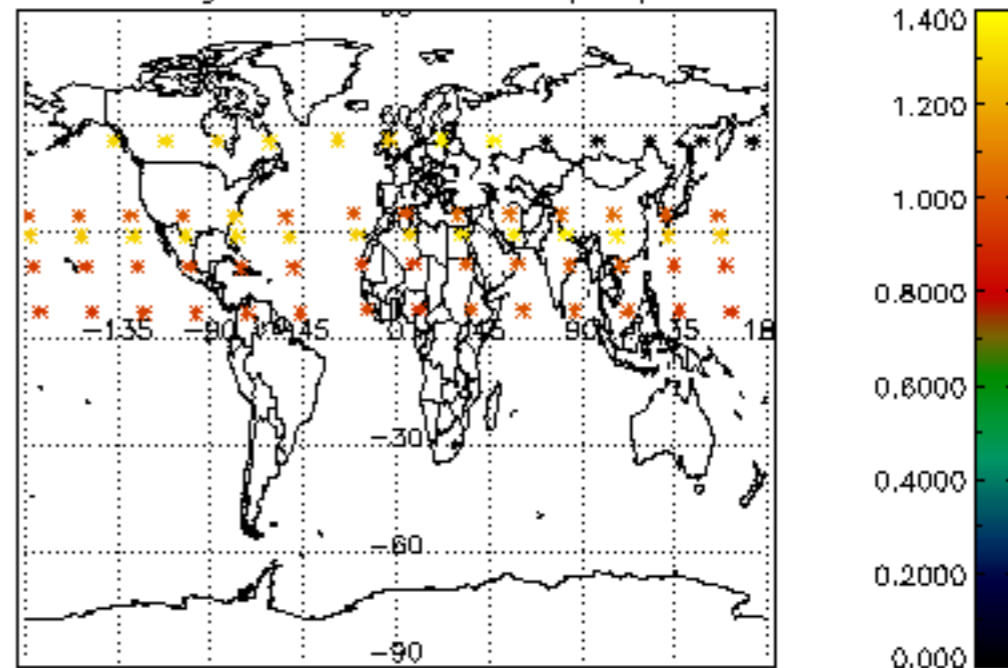




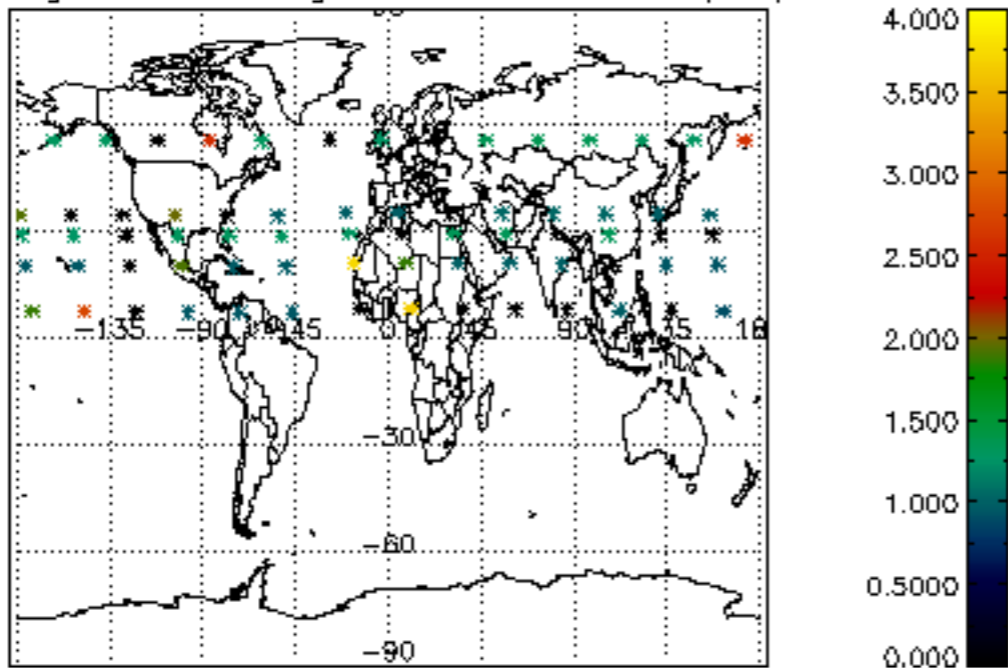
Percentage of cosmic ray hits per profile



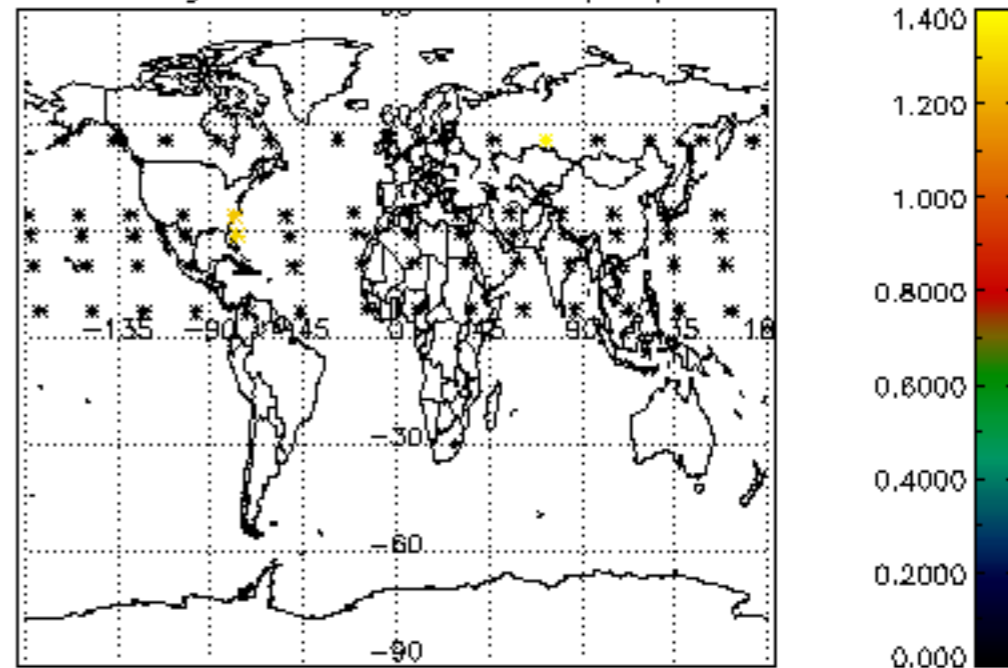
Percentage of datation errors per profile



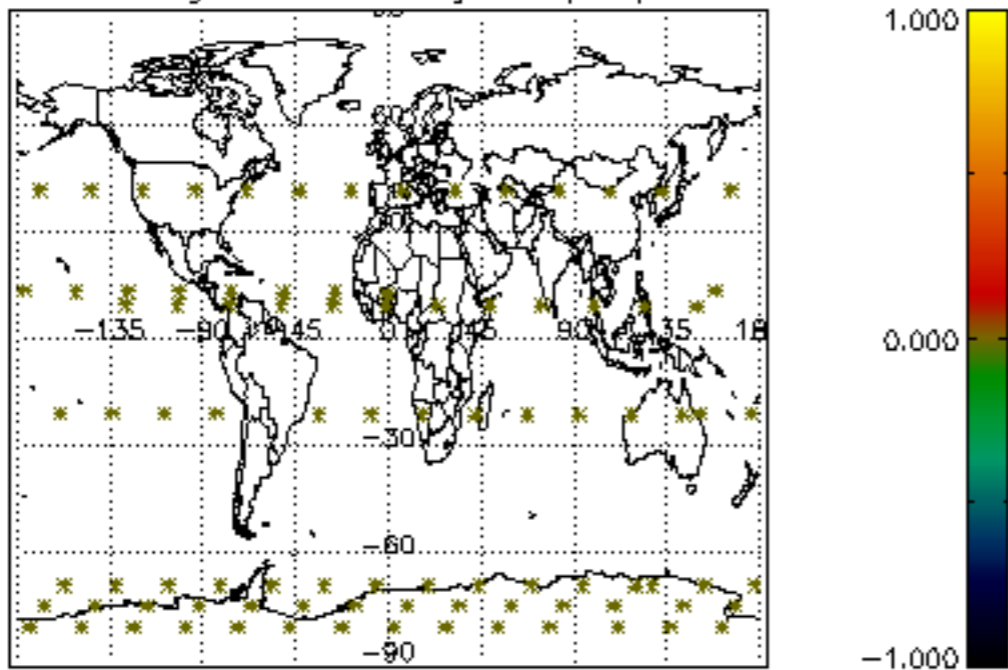
Percentage of star falling outside central band per profile



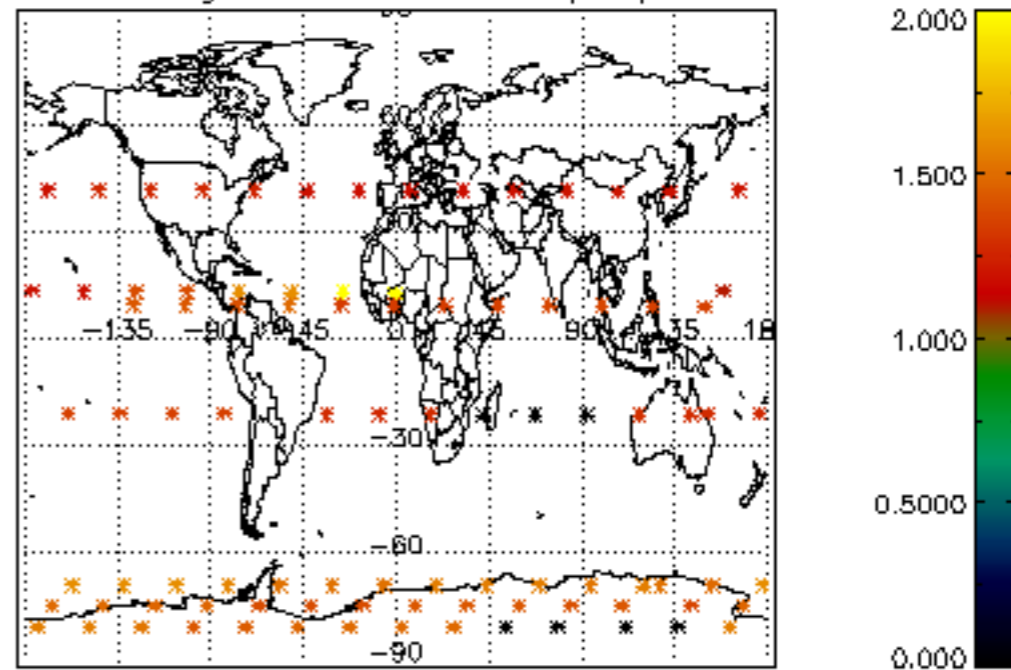
Percentage of saturation errors per profile



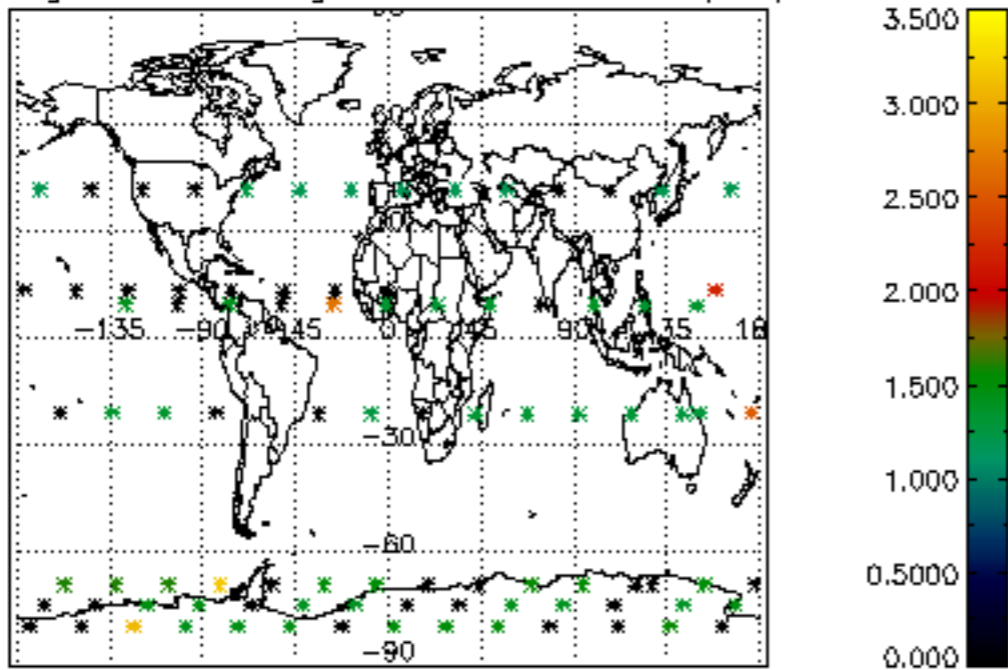
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

