

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 08:51:07
Data source version	GOMOS/6.01
Start time of products	16-04-2009 (16APR2009 00:00:00)
Stop time of products	17-04-2009 (17APR2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	189
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__2PRFIN20090416_000332_000000512078_00131_37259_7708.N1	16-APR-2009 00:03:32	Dark	51.000	38	20Eps Sgr	1.8360	11000.	102	37259	No
2	GOM_NL__2PRFIN20090416_000541_000000372078_00131_37259_7709.N1	16-APR-2009 00:05:41	Dark	37.000	147	Alp Ara	2.8770	26000.	74	37259	No
3	GOM_NL__2PRFIN20090416_000727_000000482078_00131_37259_7710.N1	16-APR-2009 00:07:27	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	37259	No
4	GOM_NL__2PRFIN20090416_001308_000000372078_00131_37259_7711.N1	16-APR-2009 00:13:08	Straylight	36.500	131	Gam Lup	2.8000	26000.	73	37259	No
5	GOM_NL__2PRFIN20090416_002325_000000432078_00131_37259_7712.N1	16-APR-2009 00:23:25	Bright	42.500	122	9Alp2Lib	2.7470	9700.0	85	37259	No
6	GOM_NL__2PRFIN20090416_003539_000000392078_00131_37259_7713.N1	16-APR-2009 00:35:39	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	37259	No
7	GOM_NL__2PRFIN20090416_004332_000000432078_00131_37259_7714.N1	16-APR-2009 00:43:32	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	37259	No
8	GOM_NL__2PRFIN20090416_005310_000000372078_00131_37259_7715.N1	16-APR-2009 00:53:10	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	37259	No
9	GOM_NL__2PRFIN20090416_010710_000000322078_00131_37259_7716.N1	16-APR-2009 01:07:10	Twi_and_stray	31.500	19	50Alp Cyg	1.2460	10500.	63	37259	No
10	GOM_NL__2PRFIN20090416_010858_000000352078_00131_37259_7717.N1	16-APR-2009 01:08:58	Twi_and_stray	34.500	66	37Gam Cyg	2.2080	5900.0	69	37259	No
11	GOM_NL__2PRFIN20090416_011131_000000332078_00131_37259_7718.N1	16-APR-2009 01:11:31	Twi_and_stray	33.000	92	53Eps Cyg	2.5000	4500.0	66	37259	No
12	GOM_NL__2PRFIN20090416_011858_000000302078_00131_37259_7719.N1	16-APR-2009 01:18:58	Dark	29.500	61	8Eps Peg	2.1000	3900.0	59	37259	No
13	GOM_NL__2PRFIN20090416_012405_000000322078_00131_37259_7720.N1	16-APR-2009 01:24:05	Dark	31.500	154	22Bet Aqr	2.8990	5700.0	63	37259	No
14	GOM_NL__2PRFIN20090416_014037_000000252078_00132_37260_7723.N1	16-APR-2009 01:40:37	Dark	25.000	103	38Zet Sgr	2.6000	9700.0	50	37260	No
15	GOM_NL__2PRFIN20090416_014410_000000512078_00132_37260_7724.N1	16-APR-2009 01:44:10	Dark	51.000	38	20Eps Sgr	1.8360	11000.	102	37260	No
16	GOM_NL__2PRFIN20090416_014618_000000382078_00132_37260_7725.N1	16-APR-2009 01:46:18	Dark	37.500	147	Alp Ara	2.8770	26000.	75	37260	No
17	GOM_NL__2PRFIN20090416_014804_000000482078_00132_37260_7726.N1	16-APR-2009 01:48:04	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	37260	No
18	GOM_NL__2PRFIN20090416_015344_000000372078_00132_37260_7727.N1	16-APR-2009 01:53:44	Straylight	37.000	131	Gam Lup	2.8000	26000.	74	37260	No
19	GOM_NL__2PRFIN20090416_020401_000000432078_00132_37260_7728.N1	16-APR-2009 02:04:01	Bright	42.500	122	9Alp2Lib	2.7470	9700.0	85	37260	No
20	GOM_NL__2PRFIN20090416_021614_000000392078_00132_37260_7729.N1	16-APR-2009 02:16:14	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	37260	No
21	GOM_NL__2PRFIN20090416_022407_000000432078_00132_37260_7730.N1	16-APR-2009 02:24:07	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	37260	No
22	GOM_NL__2PRFIN20090416_023346_000000372078_00132_37260_7731.N1	16-APR-2009 02:33:46	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	37260	No
23	GOM_NL__2PRFIN20090416_024746_000000322078_00132_37260_7732.N1	16-APR-2009 02:47:46	Twi_and_stray	31.500	19	50Alp Cyg	1.2460	10500.	63	37260	No
24	GOM_NL__2PRFIN20090416_024933_000000352078_00132_37260_7733.N1	16-APR-2009 02:49:33	Twi_and_stray	34.500	66	37Gam Cyg	2.2080	5900.0	69	37260	No
25	GOM_NL__2PRFIN20090416_025207_000000342078_00132_37260_7734.N1	16-APR-2009 02:52:07	Twi_and_stray	33.500	92	53Eps Cyg	2.5000	4500.0	67	37260	No
26	GOM_NL__2PRFIN20090416_025935_000000302078_00132_37260_7735.N1	16-APR-2009 02:59:35	Dark	29.500	61	8Eps Peg	2.1000	3900.0	59	37260	No
27	GOM_NL__2PRFIN20090416_030442_000000322078_00132_37260_7736.N1	16-APR-2009 03:04:42	Dark	31.500	154	22Bet Aqr	2.8990	5700.0	63	37260	No
28	GOM_NL__2PRFIN20090416_032114_000000252078_00133_37261_7733.N1	16-APR-2009 03:21:14	Dark	25.000	103	38Zet Sgr	2.6000	9700.0	50	37261	No
29	GOM_NL__2PRFIN20090416_032447_000000512078_00133_37261_7734.N1	16-APR-2009 03:24:47	Dark	51.000	38	20Eps Sgr	1.8360	11000.	102	37261	No
30	GOM_NL__2PRFIN20090416_032655_000000382078_00133_37261_7735.N1	16-APR-2009 03:26:55	Dark	37.500	147	Alp Ara	2.8770	26000.	75	37261	No
31	GOM_NL__2PRFIN20090416_032841_000000492078_00133_37261_7736.N1	16-APR-2009 03:28:41	Dark	48.500	25	35Lam Sco	1.6200	28000.	97	37261	No
32	GOM_NL__2PRFIN20090416_033421_000000372078_00133_37261_7737.N1	16-APR-2009 03:34:21	Straylight	36.500	131	Gam Lup	2.8000	26000.	73	37261	No
33	GOM_NL__2PRFIN20090416_034437_000000422078_00133_37261_7738.N1	16-APR-2009 03:44:37	Bright	42.000	122	9Alp2Lib	2.7470	9700.0	84	37261	No
34	GOM_NL__2PRFIN20090416_035650_000000392078_00133_37261_7739.N1	16-APR-2009 03:56:50	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	37261	No
35	GOM_NL__2PRFIN20090416_040442_000000432078_00133_37261_7740.N1	16-APR-2009 04:04:42	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	37261	No
36	GOM_NL__2PRFIN20090416_041421_000000372078_00133_37261_7741.N1	16-APR-2009 04:14:21	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	37261	No
37	GOM_NL__2PRFIN20090416_042822_000000322078_00133_37261_7742.N1	16-APR-2009 04:28:22	Twi_and_stray	31.500	19	50Alp Cyg	1.2460	10500.	63	37261	No
38	GOM_NL__2PRFIN20090416_043009_000000352078_00133_37261_7743.N1	16-APR-2009 04:30:09	Twi_and_stray	34.500	66	37Gam Cyg	2.2080	5900.0	69	37261	No
39	GOM_NL__2PRFIN20090416_043244_000000332078_00133_37261_7744.N1	16-APR-2009 04:32:44	Twi_and_stray	33.000	92	53Eps Cyg	2.5000	4500.0	66	37261	No
40	GOM_NL__2PRFIN20090416_044011_000000302078_00133_37261_7745.N1	16-APR-2009 04:40:11	Dark	29.500	61	8Eps Peg	2.1000	3900.0	59	37261	No
41	GOM_NL__2PRFIN20090416_044519_000000322078_00133_37261_7746.N1	16-APR-2009 04:45:19	Dark	31.500	154	22Bet Aqr	2.8990	5700.0	63	37261	No
42	GOM_NL__2PRFIN20090416_050524_000000512078_00134_37262_7743.N1	16-APR-2009 05:05:24	Dark	51.000	38	20Eps Sgr	1.8360	11000.	102	37262	No

43	GOM_NL__2PRFIN20090416_050732_000000382078_00134_37262_7744.N1	16-APR-2009 05:07:32	Dark	37.500	147	Alp Ara	2.8770	26000.	75	37262	No
44	GOM_NL__2PRFIN20090416_050918_000000482078_00134_37262_7745.N1	16-APR-2009 05:09:18	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	37262	No
45	GOM_NL__2PRFIN20090416_051458_000000372078_00134_37262_7746.N1	16-APR-2009 05:14:58	Straylight	36.500	131	Gam Lup	2.8000	26000.	73	37262	No
46	GOM_NL__2PRFIN20090416_052513_000000422078_00134_37262_7747.N1	16-APR-2009 05:25:13	Bright	41.500	122	9Alp2Lib	2.7470	9700.0	83	37262	No
47	GOM_NL__2PRFIN20090416_053725_000000392078_00134_37262_7748.N1	16-APR-2009 05:37:25	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	37262	No
48	GOM_NL__2PRFIN20090416_054518_000000422078_00134_37262_7749.N1	16-APR-2009 05:45:18	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	37262	No
49	GOM_NL__2PRFIN20090416_055456_000000362078_00134_37262_7750.N1	16-APR-2009 05:54:56	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	37262	No
50	GOM_NL__2PRFIN20090416_060858_000000312078_00134_37262_7751.N1	16-APR-2009 06:08:58	Twi_and_stray	31.000	19	50Alp Cyg	1.2460	10500.	62	37262	No
51	GOM_NL__2PRFIN20090416_061045_000000352078_00134_37262_7752.N1	16-APR-2009 06:10:45	Twi_and_stray	34.500	66	37Gam Cyg	2.2080	5900.0	69	37262	No
52	GOM_NL__2PRFIN20090416_061320_000000332078_00134_37262_7753.N1	16-APR-2009 06:13:20	Twi_and_stray	32.500	92	53Eps Cyg	2.5000	4500.0	65	37262	No
53	GOM_NL__2PRFIN20090416_062048_000000292078_00134_37262_7754.N1	16-APR-2009 06:20:48	Dark	29.000	61	8Eps Peg	2.1000	3900.0	58	37262	No
54	GOM_NL__2PRFIN20090416_062555_000000312078_00134_37262_7755.N1	16-APR-2009 06:25:55	Dark	31.000	154	22Bet Aqr	2.8990	5700.0	62	37262	No
55	GOM_NL__2PRFIN20090416_064602_000000512078_00135_37263_7773.N1	16-APR-2009 06:46:02	Dark	50.500	38	20Eps Sgr	1.8360	11000.	101	37263	No
56	GOM_NL__2PRFIN20090416_064809_000000372078_00135_37263_7774.N1	16-APR-2009 06:48:09	Dark	37.000	147	Alp Ara	2.8770	26000.	74	37263	No
57	GOM_NL__2PRFIN20090416_064956_000000482078_00135_37263_7775.N1	16-APR-2009 06:49:56	Straylight	47.500	25	35Lam Sco	1.6200	28000.	95	37263	No
58	GOM_NL__2PRFIN20090416_065534_000000362078_00135_37263_7776.N1	16-APR-2009 06:55:34	Straylight	36.000	131	Gam Lup	2.8000	26000.	72	37263	No
59	GOM_NL__2PRFIN20090416_070549_000000412078_00135_37263_7777.N1	16-APR-2009 07:05:49	Bright	40.500	122	9Alp2Lib	2.7470	9700.0	81	37263	No
60	GOM_NL__2PRFIN20090416_071801_000000392078_00135_37263_7778.N1	16-APR-2009 07:18:01	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	37263	No
61	GOM_NL__2PRFIN20090416_072553_000000422078_00135_37263_7779.N1	16-APR-2009 07:25:53	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	37263	No
62	GOM_NL__2PRFIN20090416_073532_000000372078_00135_37263_7780.N1	16-APR-2009 07:35:32	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	37263	No
63	GOM_NL__2PRFIN20090416_074933_000000312078_00135_37263_7781.N1	16-APR-2009 07:49:33	Twi_and_stray	31.000	19	50Alp Cyg	1.2460	10500.	62	37263	No
64	GOM_NL__2PRFIN20090416_075121_000000342078_00135_37263_7782.N1	16-APR-2009 07:51:21	Twi_and_stray	34.000	66	37Gam Cyg	2.2080	5900.0	68	37263	No
65	GOM_NL__2PRFIN20090416_075356_000000332078_00135_37263_7783.N1	16-APR-2009 07:53:56	Twi_and_stray	32.500	92	53Eps Cyg	2.5000	4500.0	65	37263	No
66	GOM_NL__2PRFIN20090416_080124_000000292078_00135_37263_7784.N1	16-APR-2009 08:01:24	Dark	28.500	61	8Eps Peg	2.1000	3900.0	57	37263	No
67	GOM_NL__2PRFIN20090416_080632_000000312078_00135_37263_7785.N1	16-APR-2009 08:06:32	Dark	31.000	154	22Bet Aqr	2.8990	5700.0	62	37263	No
68	GOM_NL__2PRFIN20090416_082640_000000492078_00136_37264_7808.N1	16-APR-2009 08:26:40	Dark	49.000	38	20Eps Sgr	1.8360	11000.	98	37264	No
69	GOM_NL__2PRFIN20090416_082845_000000372078_00136_37264_7809.N1	16-APR-2009 08:28:45	Dark	36.500	147	Alp Ara	2.8770	26000.	73	37264	No
70	GOM_NL__2PRFIN20090416_083033_000000482078_00136_37264_7810.N1	16-APR-2009 08:30:33	Straylight	47.500	25	35Lam Sco	1.6200	28000.	95	37264	No
71	GOM_NL__2PRFIN20090416_083611_000000362078_00136_37264_7811.N1	16-APR-2009 08:36:11	Straylight	36.000	131	Gam Lup	2.8000	26000.	72	37264	No
72	GOM_NL__2PRFIN20090416_084625_000000412078_00136_37264_7812.N1	16-APR-2009 08:46:25	Bright	40.500	122	9Alp2Lib	2.7470	9700.0	81	37264	No
73	GOM_NL__2PRFIN20090416_085836_000000382078_00136_37264_7813.N1	16-APR-2009 08:58:36	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	37264	No
74	GOM_NL__2PRFIN20090416_090628_000000422078_00136_37264_7814.N1	16-APR-2009 09:06:28	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	37264	No
75	GOM_NL__2PRFIN20090416_091607_000000372078_00136_37264_7815.N1	16-APR-2009 09:16:07	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	37264	No
76	GOM_NL__2PRFIN20090416_093009_000000312078_00136_37264_7816.N1	16-APR-2009 09:30:09	Twi_and_stray	31.000	19	50Alp Cyg	1.2460	10500.	62	37264	No
77	GOM_NL__2PRFIN20090416_093157_000000342078_00136_37264_7817.N1	16-APR-2009 09:31:57	Twi_and_stray	34.000	66	37Gam Cyg	2.2080	5900.0	68	37264	No
78	GOM_NL__2PRFIN20090416_093432_000000332078_00136_37264_7818.N1	16-APR-2009 09:34:32	Twi_and_stray	32.500	92	53Eps Cyg	2.5000	4500.0	65	37264	No
79	GOM_NL__2PRFIN20090416_094200_000000292078_00136_37264_7819.N1	16-APR-2009 09:42:00	Dark	29.000	61	8Eps Peg	2.1000	3900.0	58	37264	No
80	GOM_NL__2PRFIN20090416_094708_000000322078_00136_37264_7820.N1	16-APR-2009 09:47:08	Dark	31.500	154	22Bet Aqr	2.8990	5700.0	63	37264	No
81	GOM_NL__2PRFIN20090416_100717_000000492078_00137_37265_7822.N1	16-APR-2009 10:07:17	Dark	49.000	38	20Eps Sgr	1.8360	11000.	98	37265	No
82	GOM_NL__2PRFIN20090416_100922_000000372078_00137_37265_7823.N1	16-APR-2009 10:09:22	Dark	36.500	147	Alp Ara	2.8770	26000.	73	37265	No
83	GOM_NL__2PRFIN20090416_101110_000000482078_00137_37265_7824.N1	16-APR-2009 10:11:10	Straylight	47.500	25	35Lam Sco	1.6200	28000.	95	37265	No
84	GOM_NL__2PRFIN20090416_101647_000000362078_00137_37265_7825.N1	16-APR-2009 10:16:47	Straylight	36.000	131	Gam Lup	2.8000	26000.	72	37265	No
85	GOM_NL__2PRFIN20090416_102701_000000412078_00137_37265_7826.N1	16-APR-2009 10:27:01	Bright	40.500	122	9Alp2Lib	2.7470	9700.0	81	37265	No
86	GOM_NL__2PRFIN20090416_103911_000000382078_00137_37265_7827.N1	16-APR-2009 10:39:11	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	37265	No
87	GOM_NL__2PRFIN20090416_104703_000000412078_00137_37265_7828.N1	16-APR-2009 10:47:03	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	37265	No
88	GOM_NL__2PRFIN20090416_105642_000000362078_00137_37265_7829.N1	16-APR-2009 10:56:42	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	37265	No
89	GOM_NL__2PRFIN20090416_111045_000000312078_00137_37265_7830.N1	16-APR-2009 11:10:45	Twi_and_stray	31.000	19	50Alp Cyg	1.2460	10500.	62	37265	No
90	GOM_NL__2PRFIN20090416_111233_000000342078_00137_37265_7831.N1	16-APR-2009 11:12:33	Twi_and_stray	34.000	66	37Gam Cyg	2.2080	5900.0	68	37265	No
91	GOM_NL__2PRFIN20090416_111508_000000332078_00137_37265_7832.N1	16-APR-2009 11:15:08	Twi_and_stray	32.500	92	53Eps Cyg	2.5000	4500.0	65	37265	No
92	GOM_NL__2PRFIN20090416_112237_000000292078_00137_37265_7833.N1	16-APR-2009 11:22:37	Dark	29.000	61	8Eps Peg	2.1000	3900.0	58	37265	No
93	GOM_NL__2PRFIN20090416_112745_000000312078_00137_37265_7834.N1	16-APR-2009 11:27:45	Dark	31.000	154	22Bet Aqr	2.8990	5700.0	62	37265	No
94	GOM_NL__2PRFIN20090416_114755_000000472078_00138_37266_7836.N1	16-APR-2009 11:47:55	Dark	47.000	38	20Eps Sgr	1.8360	11000.	94	37266	No
95	GOM_NL__2PRFIN20090416_114959_000000372078_00138_37266_7837.N1	16-APR-2009 11:49:59	Dark	37.000	147	Alp Ara	2.8770	26000.	74	37266	No
96	GOM_NL__2PRFIN20090416_115147_000000482078_00138_37266_7838.N1	16-APR-2009 11:51:47	Straylight	47.500	25	35Lam Sco	1.6200	28000.	95	37266	No
97	GOM_NL__2PRFIN20090416_115724_000000342078_00138_37266_7839.N1	16-APR-2009 11:57:24	Straylight	33.500	131	Gam Lup	2.8000	26000.	67	37266	No
98	GOM_NL__2PRFIN20090416_120737_000000412078_00138_37266_7840.N1	16-APR-2009 12:07:37	Bright	41.000	122	9Alp2Lib	2.7470	9700.0	82	37266	No
99	GOM_NL__2PRFIN20090416_121947_000000382078_00138_37266_7841.N1	16-APR-2009 12:19:47	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	37266	No
100	GOM_NL__2PRFIN20090416_122738_000000422078_00138_37266_7842.N1	16-APR-2009 12:27:38	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	37266	No
101	GOM_NL__2PRFIN20090416_123717_000000372078_00138_37266_7843.N1	16-APR-2009 12:37:17	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	37266	No

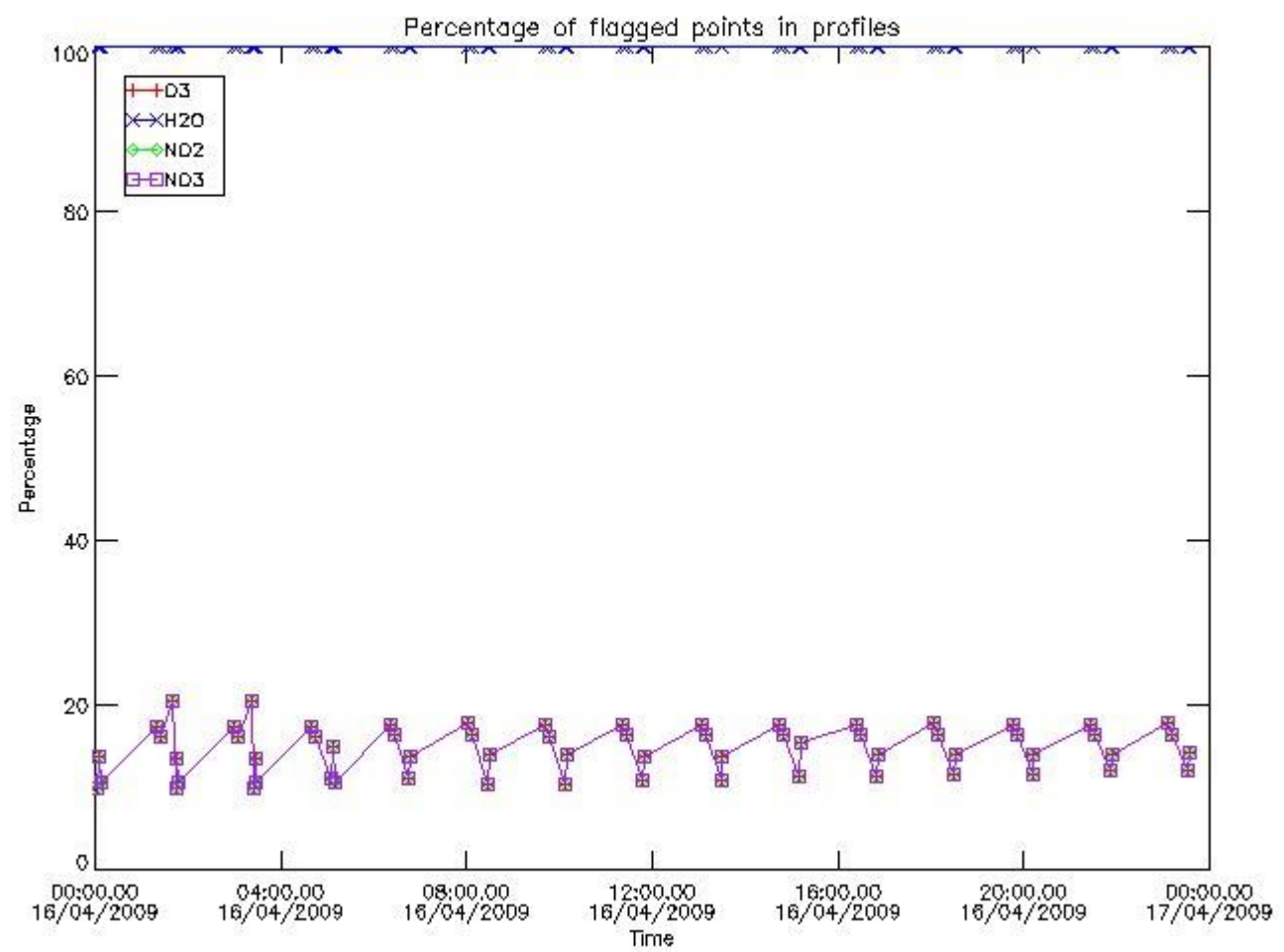
102	GOM_NL__2PRFIN20090416_125121_000000312078_00138_37266_7844.N1	16-APR-2009 12:51:21	Twilight	31.000	19	50Alp Cyg	1.2460	10500.	62	37266	No
103	GOM_NL__2PRFIN20090416_125308_000000352078_00138_37266_7845.N1	16-APR-2009 12:53:08	Twilight	34.500	66	37Gam Cyg	2.2080	5900.0	69	37266	No
104	GOM_NL__2PRFIN20090416_125544_000000332078_00138_37266_7846.N1	16-APR-2009 12:55:44	Twilight	33.000	92	53Eps Cyg	2.5000	4500.0	66	37266	No
105	GOM_NL__2PRFIN20090416_130313_000000292078_00138_37266_7847.N1	16-APR-2009 13:03:13	Dark	29.000	61	8Eps Peg	2.1000	3900.0	58	37266	No
106	GOM_NL__2PRFIN20090416_130822_000000312078_00138_37266_7848.N1	16-APR-2009 13:08:22	Dark	31.000	154	22Bet Aqr	2.8990	5700.0	62	37266	No
107	GOM_NL__2PRFIN20090416_132832_000000472078_00139_37267_7850.N1	16-APR-2009 13:28:32	Dark	47.000	38	20Eps Sgr	1.8360	11000.	94	37267	No
108	GOM_NL__2PRFIN20090416_133035_000000372078_00139_37267_7851.N1	16-APR-2009 13:30:35	Dark	37.000	147	Alp Ara	2.8770	26000.	74	37267	No
109	GOM_NL__2PRFIN20090416_133224_000000482078_00139_37267_7852.N1	16-APR-2009 13:32:24	Straylight	47.500	25	35Lam Sco	1.6200	28000.	95	37267	No
110	GOM_NL__2PRFIN20090416_133800_000000362078_00139_37267_7853.N1	16-APR-2009 13:38:00	Straylight	36.000	131	Gam Lup	2.8000	26000.	72	37267	No
111	GOM_NL__2PRFIN20090416_134813_000000412078_00139_37267_7854.N1	16-APR-2009 13:48:13	Bright	41.000	122	9Alp2Lib	2.7470	9700.0	82	37267	No
112	GOM_NL__2PRFIN20090416_140022_000000382078_00139_37267_7855.N1	16-APR-2009 14:00:22	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	37267	No
113	GOM_NL__2PRFIN20090416_140813_000000412078_00139_37267_7856.N1	16-APR-2009 14:08:13	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	37267	No
114	GOM_NL__2PRFIN20090416_141752_000000362078_00139_37267_7857.N1	16-APR-2009 14:17:52	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	37267	No
115	GOM_NL__2PRFIN20090416_143156_000000312078_00139_37267_7858.N1	16-APR-2009 14:31:56	Twilight	31.000	19	50Alp Cyg	1.2460	10500.	62	37267	No
116	GOM_NL__2PRFIN20090416_143344_000000342078_00139_37267_7859.N1	16-APR-2009 14:33:44	Twilight	34.000	66	37Gam Cyg	2.2080	5900.0	68	37267	No
117	GOM_NL__2PRFIN20090416_143620_000000332078_00139_37267_7860.N1	16-APR-2009 14:36:20	Twilight	32.500	92	53Eps Cyg	2.5000	4500.0	65	37267	No
118	GOM_NL__2PRFIN20090416_144350_000000292078_00139_37267_7861.N1	16-APR-2009 14:43:50	Dark	29.000	61	8Eps Peg	2.1000	3900.0	58	37267	No
119	GOM_NL__2PRFIN20090416_144858_000000312078_00139_37267_7862.N1	16-APR-2009 14:48:58	Dark	31.000	154	22Bet Aqr	2.8990	5700.0	62	37267	No
120	GOM_NL__2PRFIN20090416_150909_000000452078_00140_37268_7865.N1	16-APR-2009 15:09:09	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	37268	No
121	GOM_NL__2PRFIN20090416_151112_000000372078_00140_37268_7866.N1	16-APR-2009 15:11:12	Dark	36.500	147	Alp Ara	2.8770	26000.	73	37268	No
122	GOM_NL__2PRFIN20090416_151302_000000482078_00140_37268_7867.N1	16-APR-2009 15:13:02	Straylight	47.500	25	35Lam Sco	1.6200	28000.	95	37268	No
123	GOM_NL__2PRFIN20090416_151837_000000362078_00140_37268_7868.N1	16-APR-2009 15:18:37	Straylight	35.500	131	Gam Lup	2.8000	26000.	71	37268	No
124	GOM_NL__2PRFIN20090416_152849_000000412078_00140_37268_7869.N1	16-APR-2009 15:28:49	Bright	40.500	122	9Alp2Lib	2.7470	9700.0	81	37268	No
125	GOM_NL__2PRFIN20090416_154058_000000382078_00140_37268_7870.N1	16-APR-2009 15:40:58	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	37268	No
126	GOM_NL__2PRFIN20090416_154848_000000422078_00140_37268_7871.N1	16-APR-2009 15:48:48	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	37268	No
127	GOM_NL__2PRFIN20090416_155828_000000362078_00140_37268_7872.N1	16-APR-2009 15:58:28	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	37268	No
128	GOM_NL__2PRFIN20090416_161232_000000312078_00140_37268_7873.N1	16-APR-2009 16:12:32	Twilight	31.000	19	50Alp Cyg	1.2460	10500.	62	37268	No
129	GOM_NL__2PRFIN20090416_161420_000000342078_00140_37268_7874.N1	16-APR-2009 16:14:20	Twilight	34.000	66	37Gam Cyg	2.2080	5900.0	68	37268	No
130	GOM_NL__2PRFIN20090416_161656_000000332078_00140_37268_7875.N1	16-APR-2009 16:16:56	Twilight	32.500	92	53Eps Cyg	2.5000	4500.0	65	37268	No
131	GOM_NL__2PRFIN20090416_162426_000000292078_00140_37268_7876.N1	16-APR-2009 16:24:26	Dark	29.000	61	8Eps Peg	2.1000	3900.0	58	37268	No
132	GOM_NL__2PRFIN20090416_162935_000000312078_00140_37268_7877.N1	16-APR-2009 16:29:35	Dark	31.000	154	22Bet Aqr	2.8990	5700.0	62	37268	No
133	GOM_NL__2PRFIN20090416_164947_000000452078_00141_37269_7880.N1	16-APR-2009 16:49:47	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	37269	No
134	GOM_NL__2PRFIN20090416_165149_000000372078_00141_37269_7881.N1	16-APR-2009 16:51:49	Dark	36.500	147	Alp Ara	2.8770	26000.	73	37269	No
135	GOM_NL__2PRFIN20090416_165339_000000472078_00141_37269_7882.N1	16-APR-2009 16:53:39	Straylight	47.000	25	35Lam Sco	1.6200	28000.	94	37269	No
136	GOM_NL__2PRFIN20090416_165914_000000362078_00141_37269_7883.N1	16-APR-2009 16:59:14	Straylight	35.500	131	Gam Lup	2.8000	26000.	71	37269	No
137	GOM_NL__2PRFIN20090416_170925_000000412078_00141_37269_7884.N1	16-APR-2009 17:09:25	Bright	40.500	122	9Alp2Lib	2.7470	9700.0	81	37269	No
138	GOM_NL__2PRFIN20090416_172134_000000382078_00141_37269_7885.N1	16-APR-2009 17:21:34	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	37269	No
139	GOM_NL__2PRFIN20090416_172923_000000412078_00141_37269_7886.N1	16-APR-2009 17:29:23	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	37269	No
140	GOM_NL__2PRFIN20090416_173903_000000362078_00141_37269_7887.N1	16-APR-2009 17:39:03	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	37269	No
141	GOM_NL__2PRFIN20090416_175308_000000312078_00141_37269_7888.N1	16-APR-2009 17:53:08	Twilight	31.000	19	50Alp Cyg	1.2460	10500.	62	37269	No
142	GOM_NL__2PRFIN20090416_175456_000000342078_00141_37269_7889.N1	16-APR-2009 17:54:56	Twilight	34.000	66	37Gam Cyg	2.2080	5900.0	68	37269	No
143	GOM_NL__2PRFIN20090416_175732_000000332078_00141_37269_7890.N1	16-APR-2009 17:57:32	Twilight	32.500	92	53Eps Cyg	2.5000	4500.0	65	37269	No
144	GOM_NL__2PRFIN20090416_180502_000000292078_00141_37269_7891.N1	16-APR-2009 18:05:02	Dark	28.500	61	8Eps Peg	2.1000	3900.0	57	37269	No
145	GOM_NL__2PRFIN20090416_181011_000000312078_00141_37269_7892.N1	16-APR-2009 18:10:11	Dark	31.000	154	22Bet Aqr	2.8990	5700.0	62	37269	No
146	GOM_NL__2PRFIN20090416_183024_000000442078_00142_37270_7897.N1	16-APR-2009 18:30:24	Dark	44.000	38	20Eps Sgr	1.8360	11000.	88	37270	No
147	GOM_NL__2PRFIN20090416_183226_000000372078_00142_37270_7898.N1	16-APR-2009 18:32:26	Dark	36.500	147	Alp Ara	2.8770	26000.	73	37270	No
148	GOM_NL__2PRFIN20090416_183416_000000472078_00142_37270_7899.N1	16-APR-2009 18:34:16	Straylight	47.000	25	35Lam Sco	1.6200	28000.	94	37270	No
149	GOM_NL__2PRFIN20090416_183950_000000362078_00142_37270_7900.N1	16-APR-2009 18:39:50	Straylight	35.500	131	Gam Lup	2.8000	26000.	71	37270	No
150	GOM_NL__2PRFIN20090416_185002_000000412078_00142_37270_7901.N1	16-APR-2009 18:50:02	Bright	40.500	122	9Alp2Lib	2.7470	9700.0	81	37270	No
151	GOM_NL__2PRFIN20090416_190209_000000382078_00142_37270_7902.N1	16-APR-2009 19:02:09	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	37270	No
152	GOM_NL__2PRFIN20090416_190958_000000412078_00142_37270_7903.N1	16-APR-2009 19:09:58	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	37270	No
153	GOM_NL__2PRFIN20090416_191938_000000372078_00142_37270_7904.N1	16-APR-2009 19:19:38	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	37270	No
154	GOM_NL__2PRFIN20090416_193344_000000312078_00142_37270_7905.N1	16-APR-2009 19:33:44	Twilight	31.000	19	50Alp Cyg	1.2460	10500.	62	37270	No
155	GOM_NL__2PRFIN20090416_193532_000000342078_00142_37270_7906.N1	16-APR-2009 19:35:32	Twilight	34.000	66	37Gam Cyg	2.2080	5900.0	68	37270	No
156	GOM_NL__2PRFIN20090416_193808_000000332078_00142_37270_7907.N1	16-APR-2009 19:38:08	Twilight	32.500	92	53Eps Cyg	2.5000	4500.0	65	37270	No
157	GOM_NL__2PRFIN20090416_194539_000000292078_00142_37270_7908.N1	16-APR-2009 19:45:39	Dark	29.000	61	8Eps Peg	2.1000	3900.0	58	37270	No
158	GOM_NL__2PRFIN20090416_195048_000000312078_00142_37270_7909.N1	16-APR-2009 19:50:48	Dark	31.000	154	22Bet Aqr	2.8990	5700.0	62	37270	No
159	GOM_NL__2PRFIN20090416_201102_000000442078_00143_37271_7913.N1	16-APR-2009 20:11:02	Dark	44.000	38	20Eps Sgr	1.8360	11000.	88	37271	No
160	GOM_NL__2PRFIN20090416_201303_000000372078_00143_37271_7914.N1	16-APR-2009 20:13:03	Dark	36.500	147	Alp Ara	2.8770	26000.	73	37271	No

161	GOM_NL__2PRFIN20090416_201453_000000472078_00143_37271_7915.N1	16-APR-2009 20:14:53	Straylight	47.000	25	35Lam Sco	1.6200	28000.	94	37271	No
162	GOM_NL__2PRFIN20090416_202027_000000362078_00143_37271_7916.N1	16-APR-2009 20:20:27	Straylight	36.000	131	Gam Lup	2.8000	26000.	72	37271	No
163	GOM_NL__2PRFIN20090416_203037_000000412078_00143_37271_7917.N1	16-APR-2009 20:30:37	Bright	40.500	122	9Alp2Lib	2.7470	9700.0	81	37271	No
164	GOM_NL__2PRFIN20090416_204244_000000382078_00143_37271_7918.N1	16-APR-2009 20:42:44	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	37271	No
165	GOM_NL__2PRFIN20090416_205033_000000412078_00143_37271_7919.N1	16-APR-2009 20:50:33	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	37271	No
166	GOM_NL__2PRFIN20090416_210013_000000372078_00143_37271_7920.N1	16-APR-2009 21:00:13	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	37271	No
167	GOM_NL__2PRFIN20090416_211419_000000312078_00143_37271_7921.N1	16-APR-2009 21:14:19	Tw_i_and_stray	31.000	19	50Alp Cyg	1.2460	10500.	62	37271	No
168	GOM_NL__2PRFIN20090416_211607_000000352078_00143_37271_7922.N1	16-APR-2009 21:16:07	Tw_i_and_stray	34.500	66	37Gam Cyg	2.2080	5900.0	69	37271	No
169	GOM_NL__2PRFIN20090416_211844_000000332078_00143_37271_7923.N1	16-APR-2009 21:18:44	Tw_i_and_stray	32.500	92	53Eps Cyg	2.5000	4500.0	65	37271	No
170	GOM_NL__2PRFIN20090416_212615_000000292078_00143_37271_7924.N1	16-APR-2009 21:26:15	Dark	29.000	61	8Eps Peg	2.1000	3900.0	58	37271	No
171	GOM_NL__2PRFIN20090416_213125_000000312078_00143_37271_7925.N1	16-APR-2009 21:31:25	Dark	31.000	154	22Bet Aqr	2.8990	5700.0	62	37271	No
172	GOM_NL__2PRFIN20090416_215139_000000422078_00144_37272_7930.N1	16-APR-2009 21:51:39	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	37272	No
173	GOM_NL__2PRFIN20090416_215340_000000372078_00144_37272_7931.N1	16-APR-2009 21:53:40	Dark	36.500	147	Alp Ara	2.8770	26000.	73	37272	No
174	GOM_NL__2PRFIN20090416_215530_000000472078_00144_37272_7932.N1	16-APR-2009 21:55:30	Straylight	47.000	25	35Lam Sco	1.6200	28000.	94	37272	No
175	GOM_NL__2PRFIN20090416_220103_000000362078_00144_37272_7933.N1	16-APR-2009 22:01:03	Straylight	35.500	131	Gam Lup	2.8000	26000.	71	37272	No
176	GOM_NL__2PRFIN20090416_221114_000000412078_00144_37272_7934.N1	16-APR-2009 22:11:14	Bright	40.500	122	9Alp2Lib	2.7470	9700.0	81	37272	No
177	GOM_NL__2PRFIN20090416_222320_000000372078_00144_37272_7935.N1	16-APR-2009 22:23:20	Bright	37.000	111	8Eta Boo	2.6800	6000.0	74	37272	No
178	GOM_NL__2PRFIN20090416_223108_000000412078_00144_37272_7936.N1	16-APR-2009 22:31:08	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	37272	No
179	GOM_NL__2PRFIN20090416_224048_000000372078_00144_37272_7937.N1	16-APR-2009 22:40:48	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	37272	No
180	GOM_NL__2PRFIN20090416_225455_000000312078_00144_37272_7938.N1	16-APR-2009 22:54:55	Tw_i_and_stray	31.000	19	50Alp Cyg	1.2460	10500.	62	37272	No
181	GOM_NL__2PRFIN20090416_225643_000000342078_00144_37272_7939.N1	16-APR-2009 22:56:43	Tw_i_and_stray	34.000	66	37Gam Cyg	2.2080	5900.0	68	37272	No
182	GOM_NL__2PRFIN20090416_225920_000000332078_00144_37272_7940.N1	16-APR-2009 22:59:20	Tw_i_and_stray	32.500	92	53Eps Cyg	2.5000	4500.0	65	37272	No
183	GOM_NL__2PRFIN20090416_230652_000000292078_00144_37272_7941.N1	16-APR-2009 23:06:52	Dark	28.500	61	8Eps Peg	2.1000	3900.0	57	37272	No
184	GOM_NL__2PRFIN20090416_231201_000000312078_00144_37272_7942.N1	16-APR-2009 23:12:01	Dark	30.500	154	22Bet Aqr	2.8990	5700.0	61	37272	No
185	GOM_NL__2PRFIN20090416_233217_000000422078_00145_37273_7945.N1	16-APR-2009 23:32:17	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	37273	No
186	GOM_NL__2PRFIN20090416_233417_000000362078_00145_37273_7946.N1	16-APR-2009 23:34:17	Dark	36.000	147	Alp Ara	2.8770	26000.	72	37273	No
187	GOM_NL__2PRFIN20090416_233608_000000462078_00145_37273_7947.N1	16-APR-2009 23:36:08	Straylight	46.000	25	35Lam Sco	1.6200	28000.	92	37273	No
188	GOM_NL__2PRFIN20090416_234140_000000352078_00145_37273_7948.N1	16-APR-2009 23:41:40	Straylight	34.500	131	Gam Lup	2.8000	26000.	69	37273	No
189	GOM_NL__2PRFIN20090416_235149_000000392078_00145_37273_7949.N1	16-APR-2009 23:51:49	Bright	39.000	122	9Alp2Lib	2.7470	9700.0	78	37273	No

3. Quality information per product

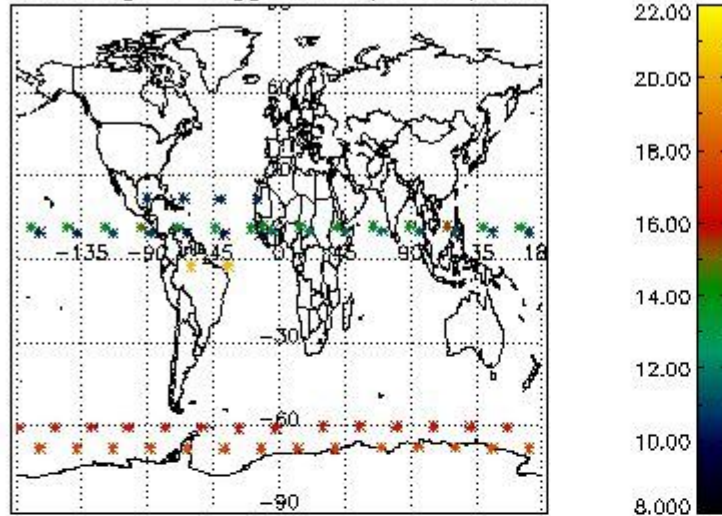
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

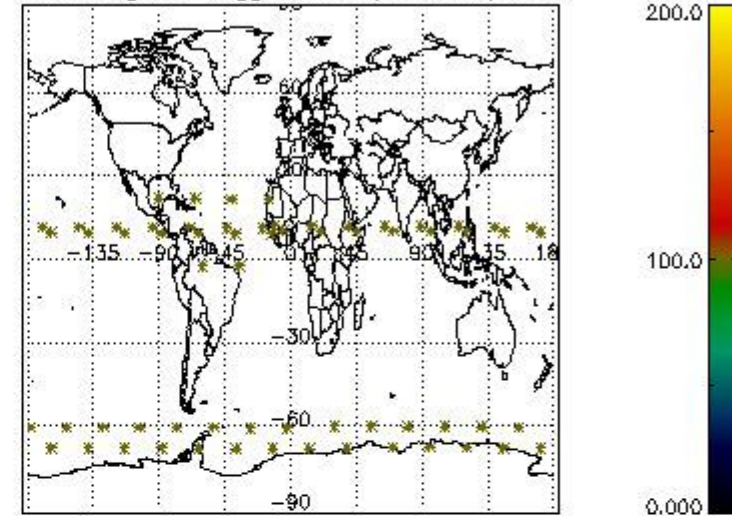


3.2 Plot quality information per product (world map)

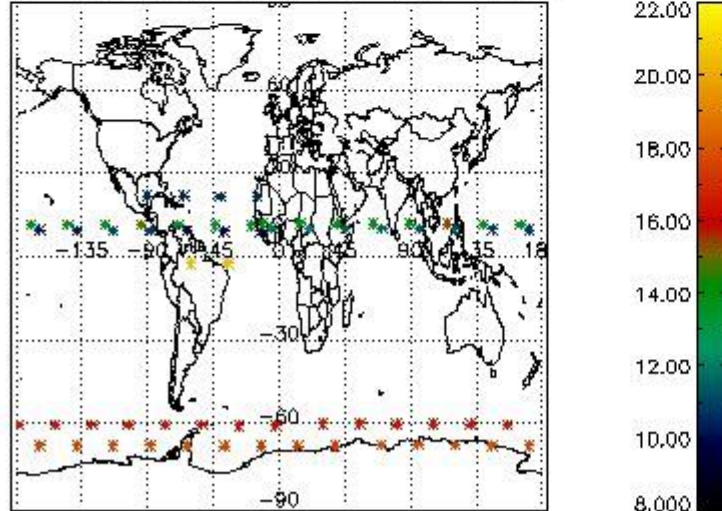
Percentage of flagged data per O3 profile



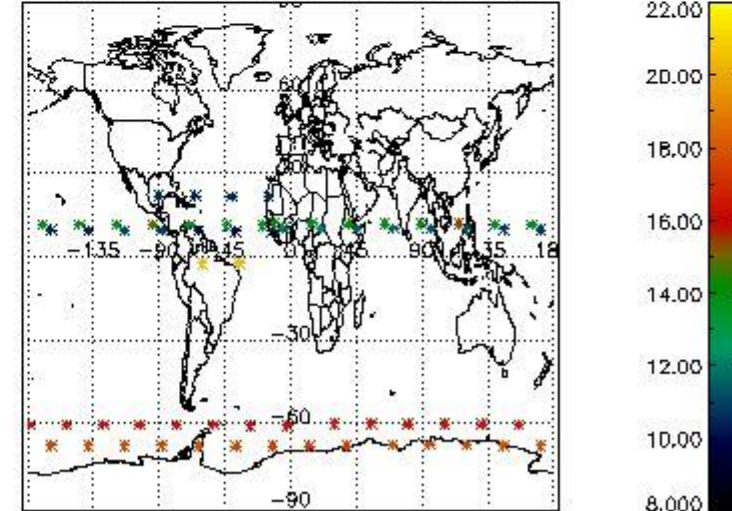
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

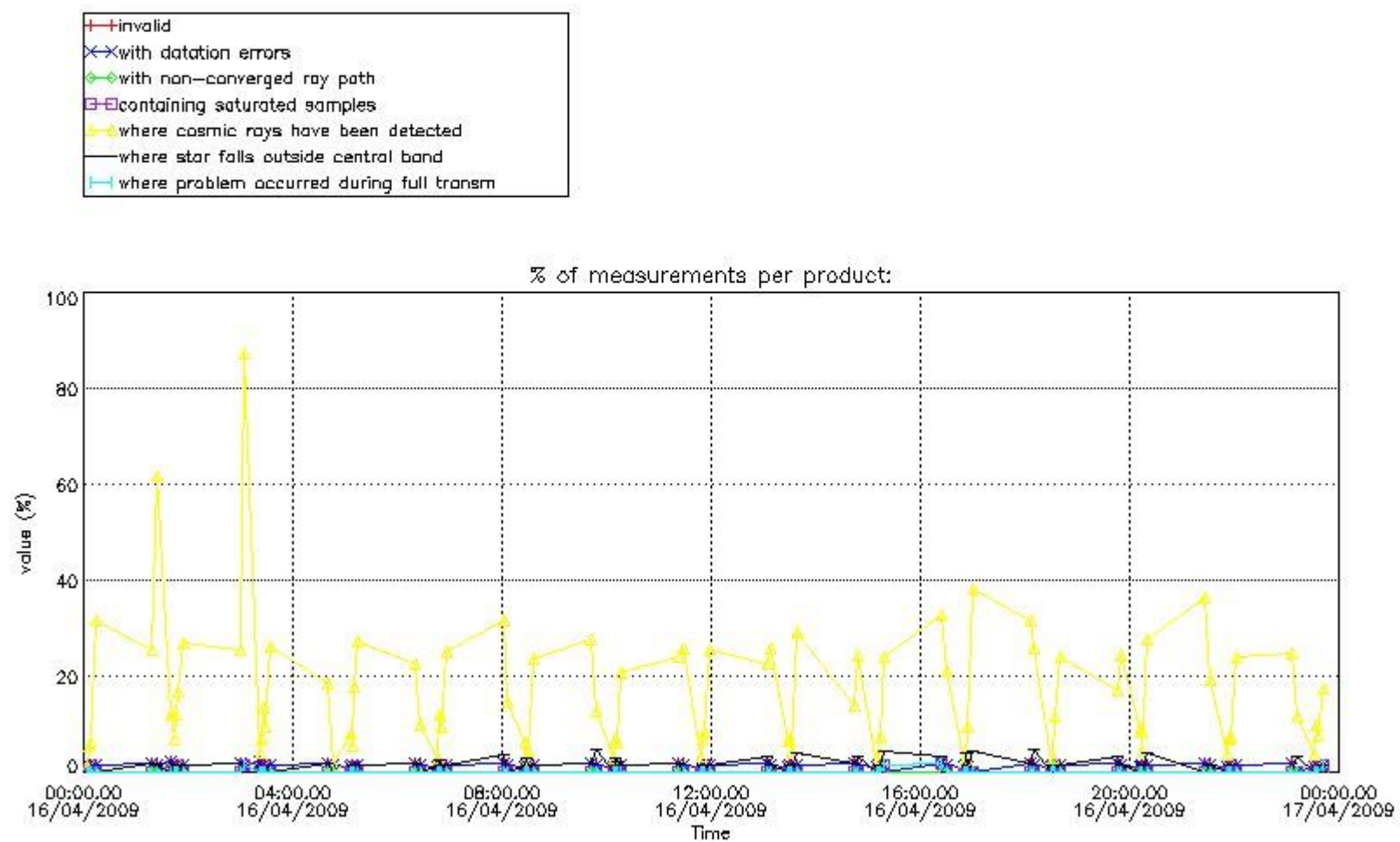


4. Level 1 quality information per product

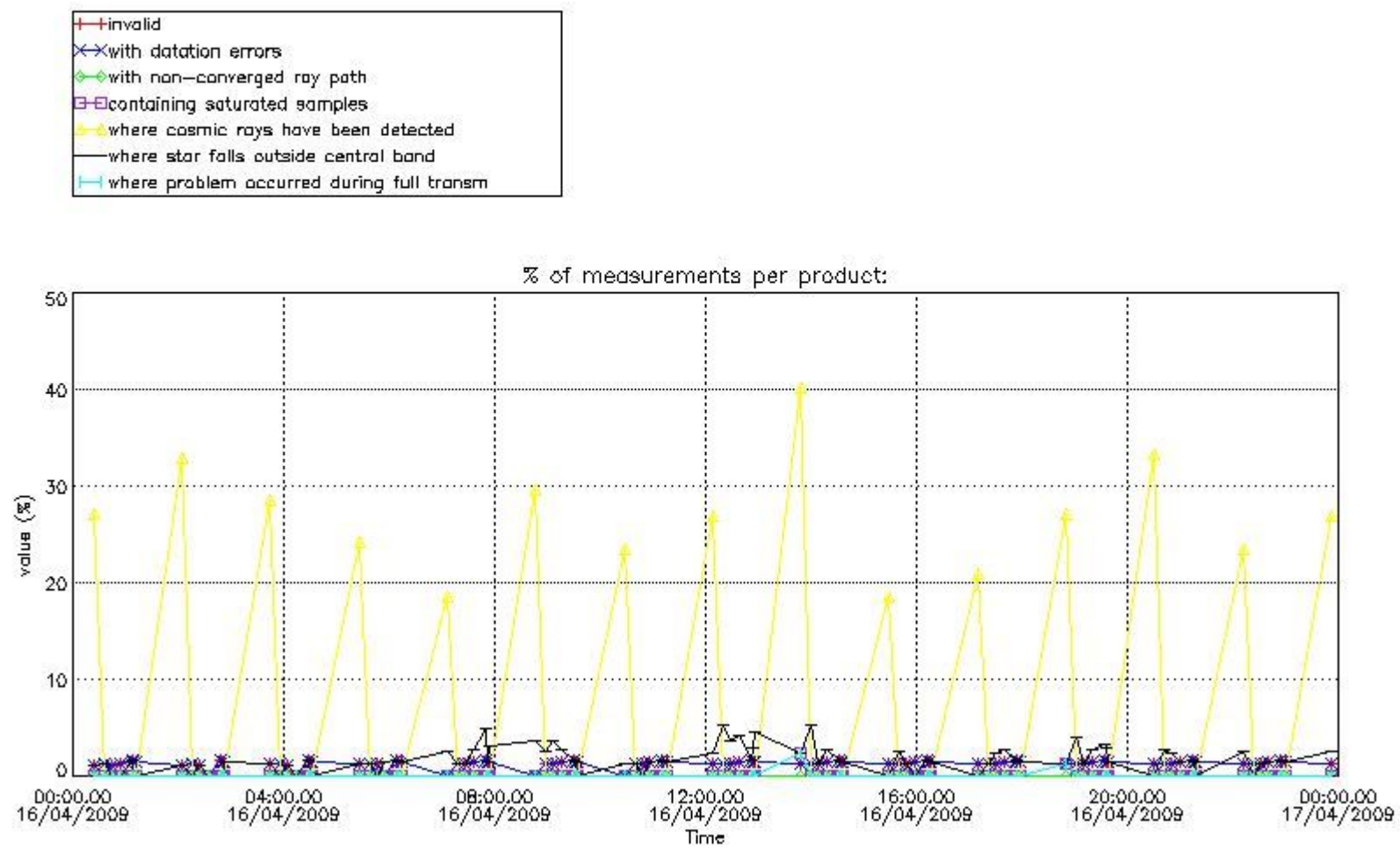
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

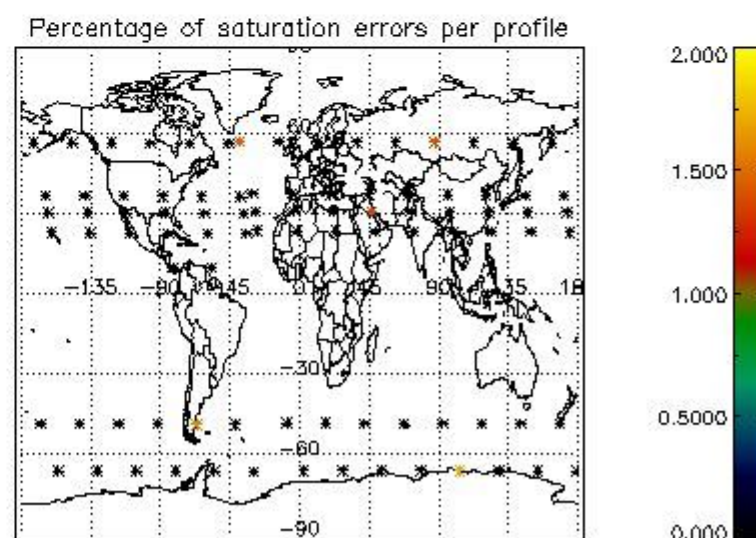
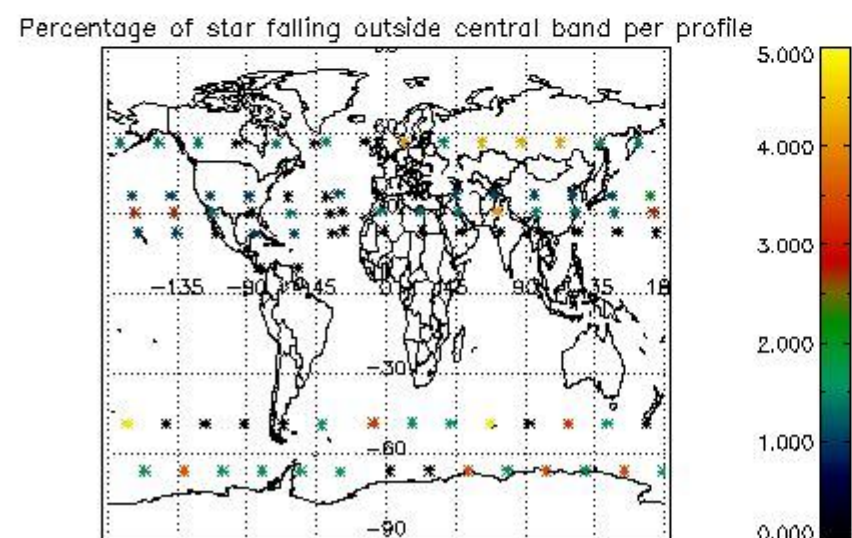
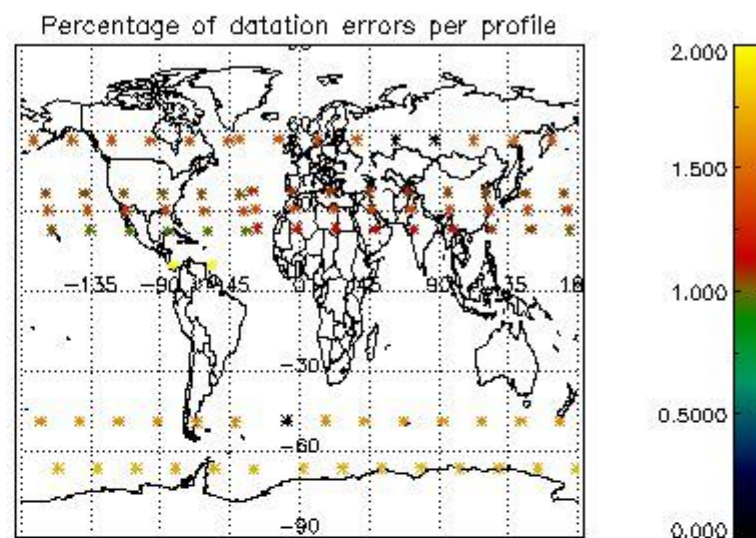
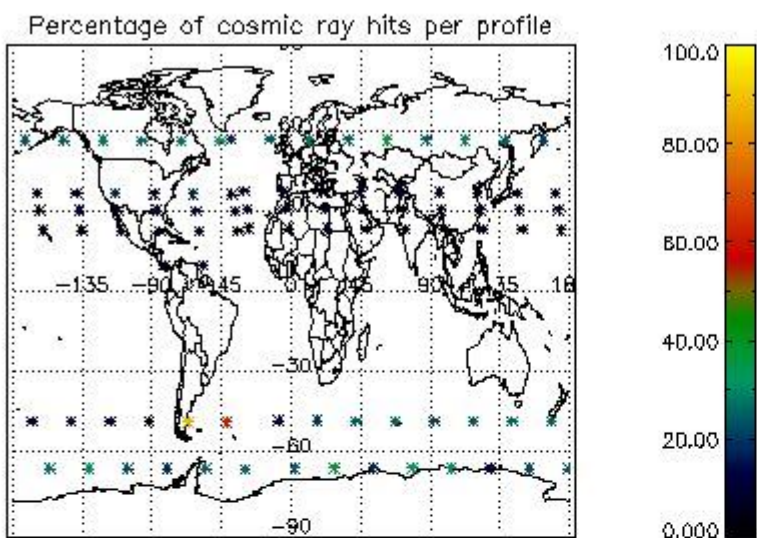


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

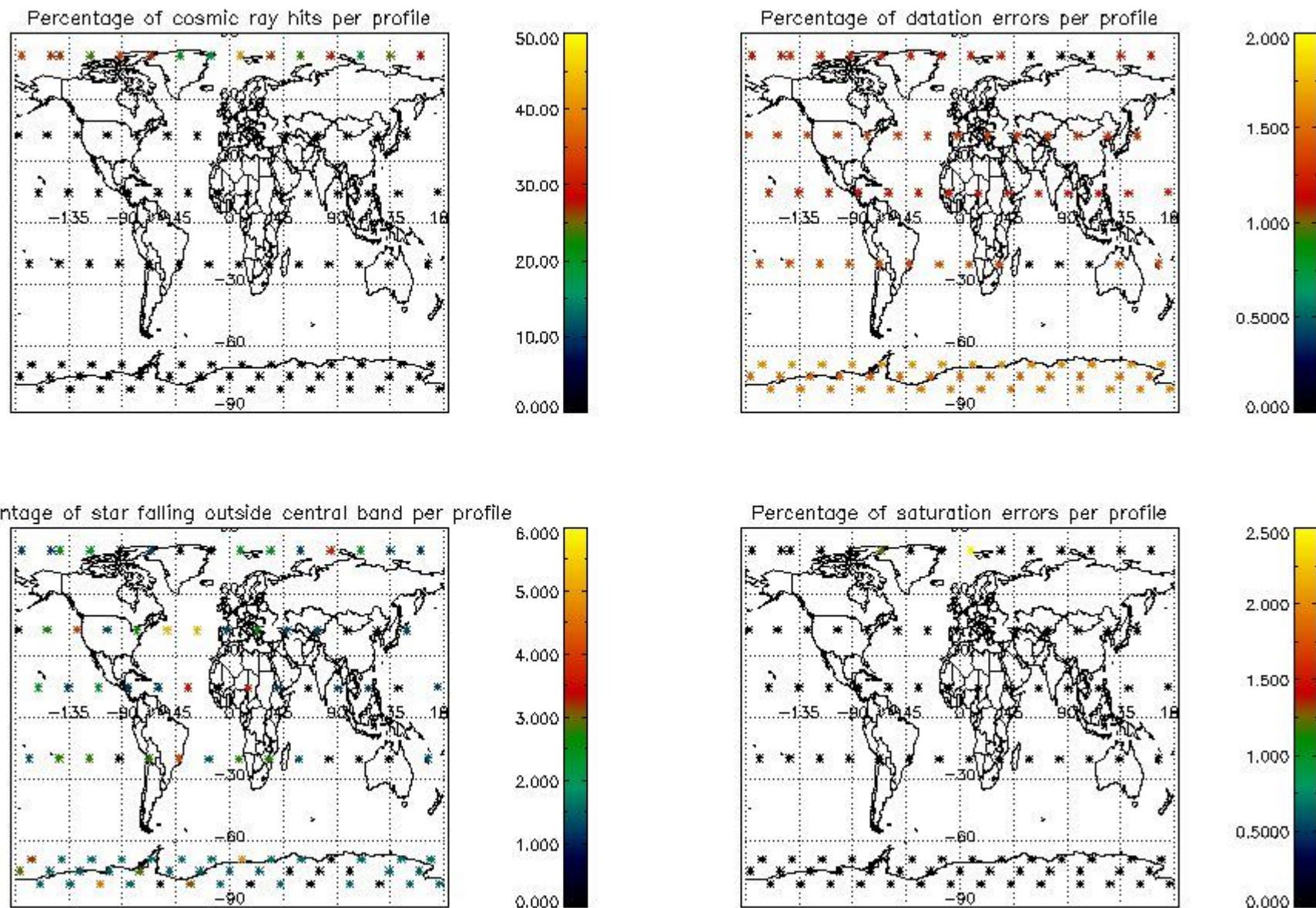


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

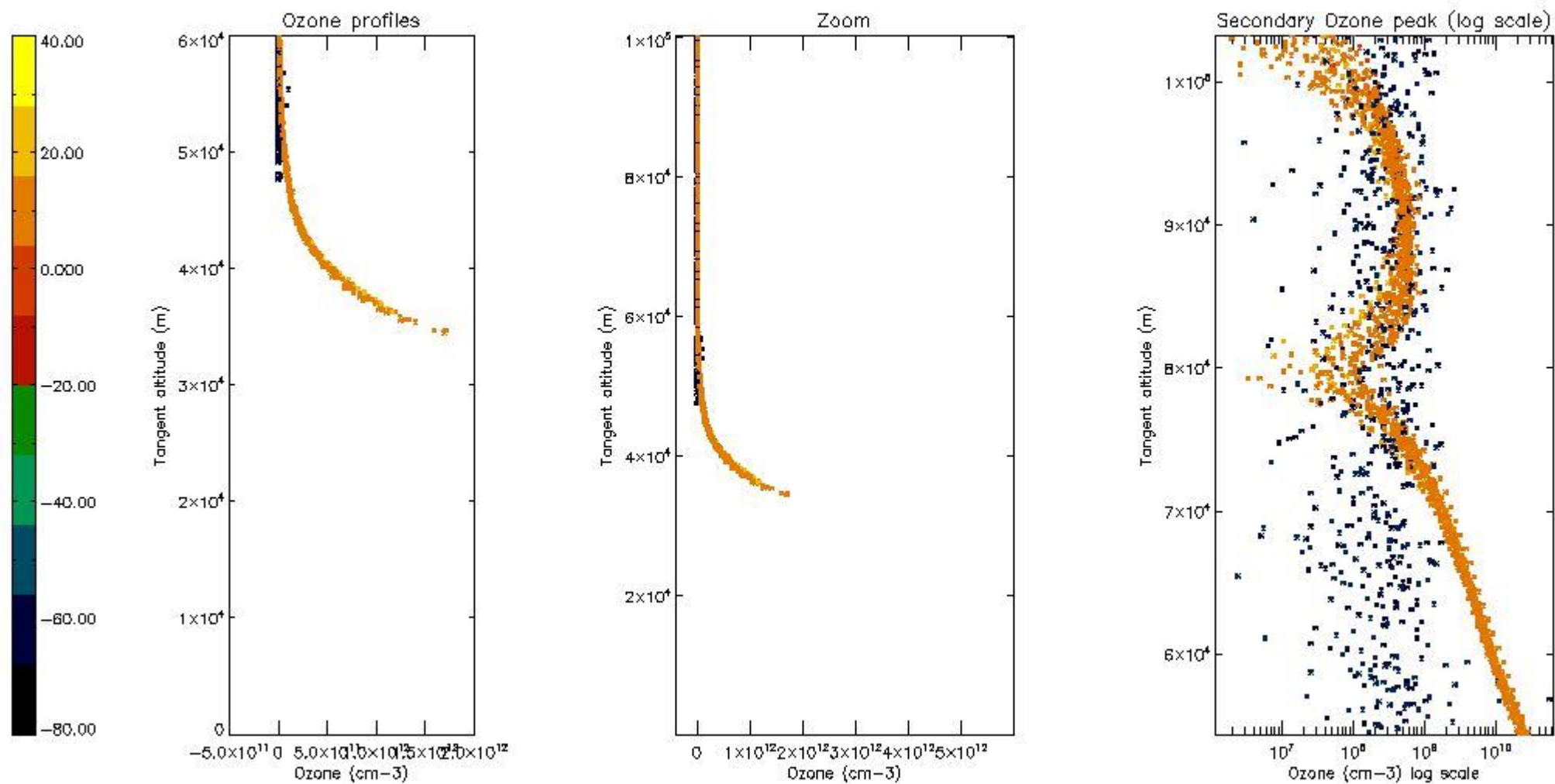
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	13

STD < 10	10
STD < 5	8

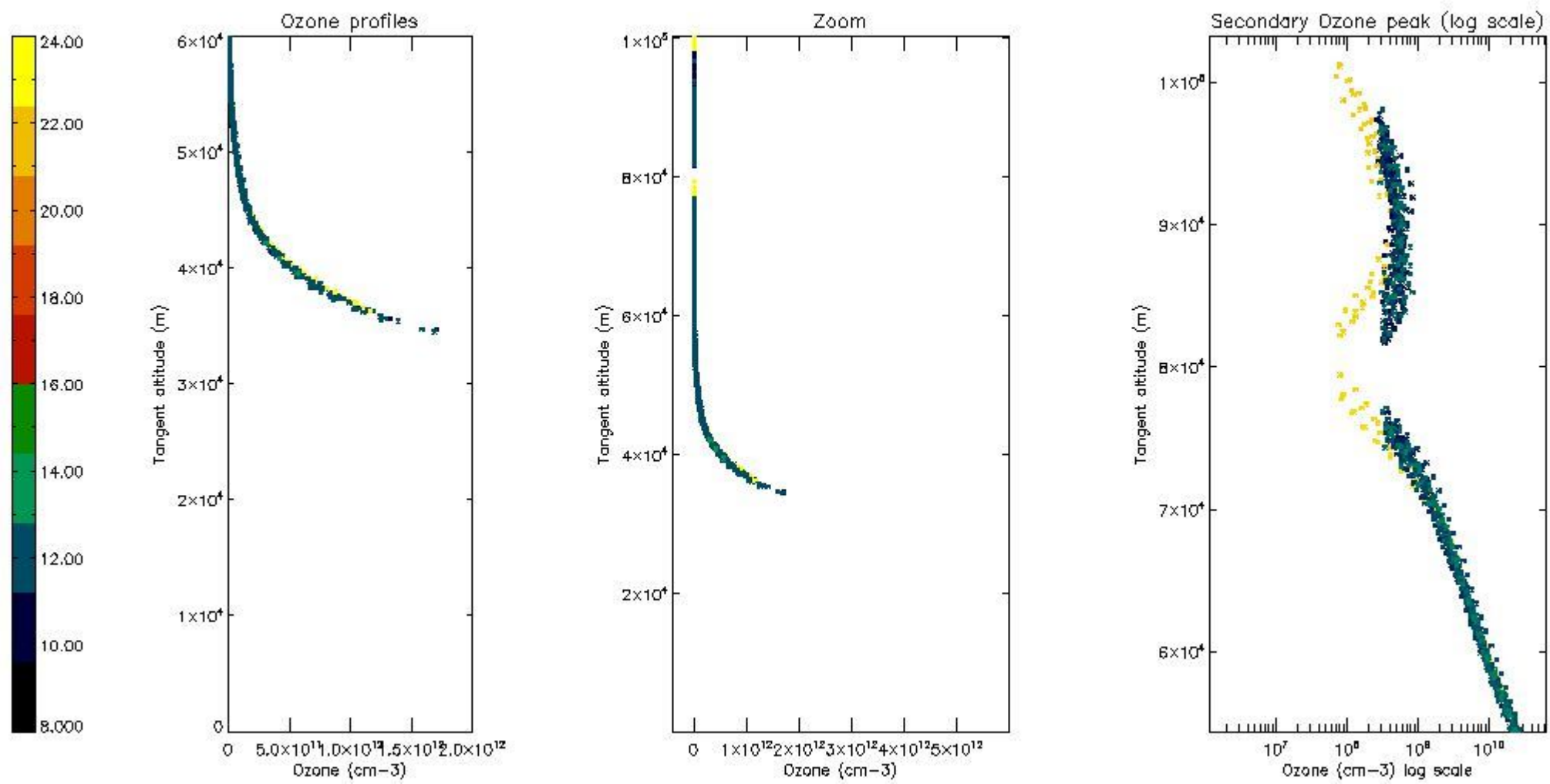
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



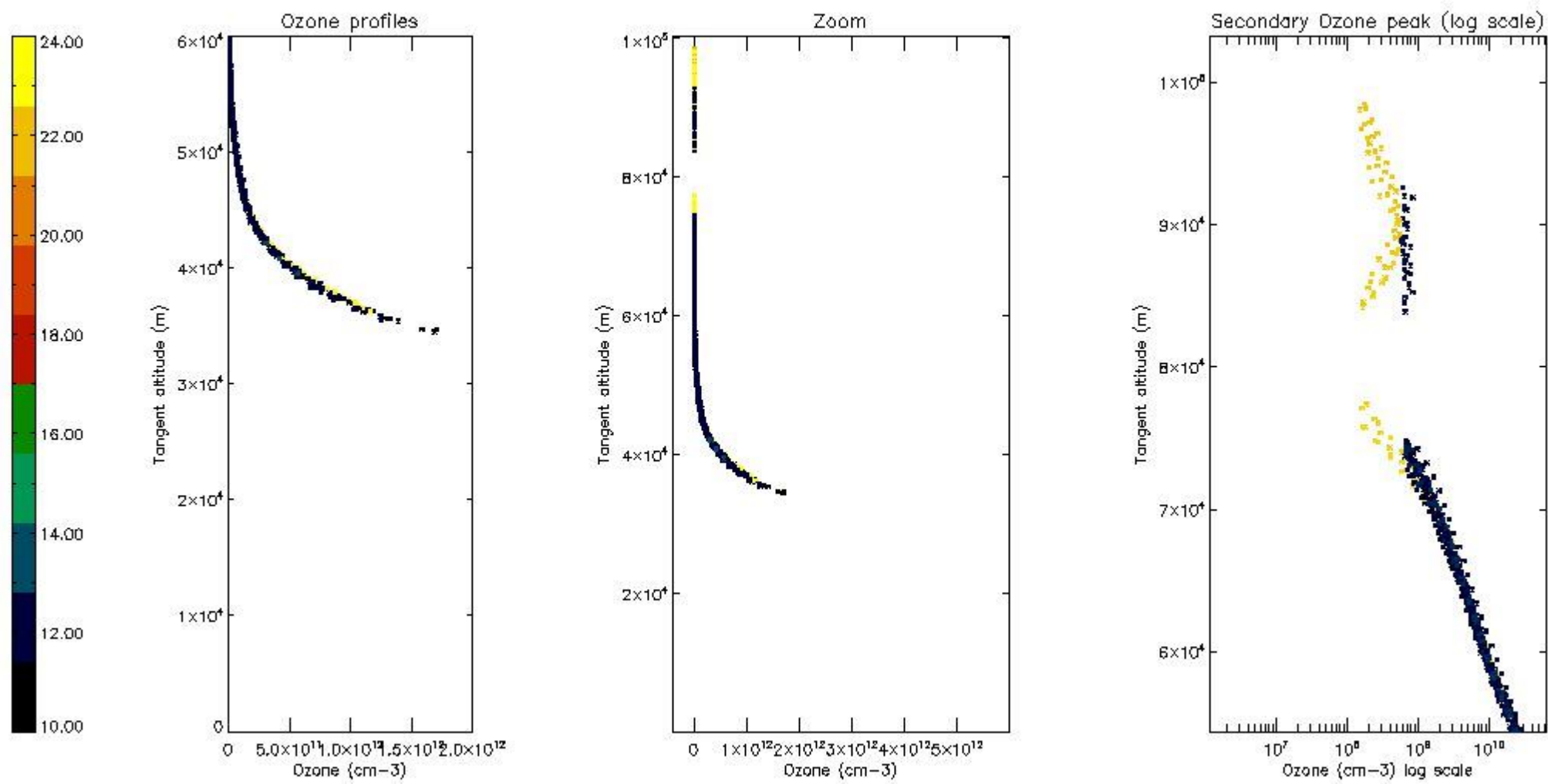
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



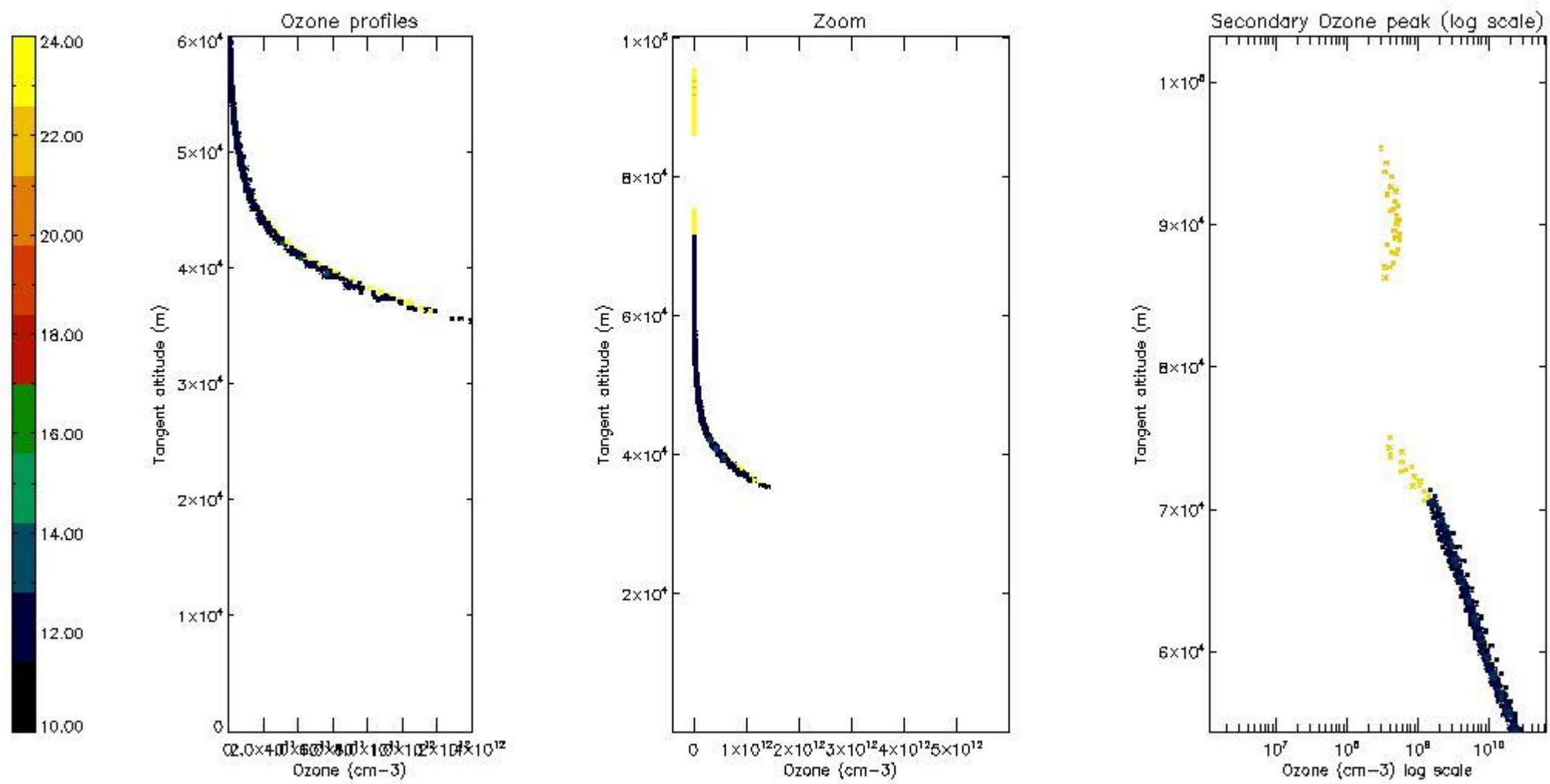
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



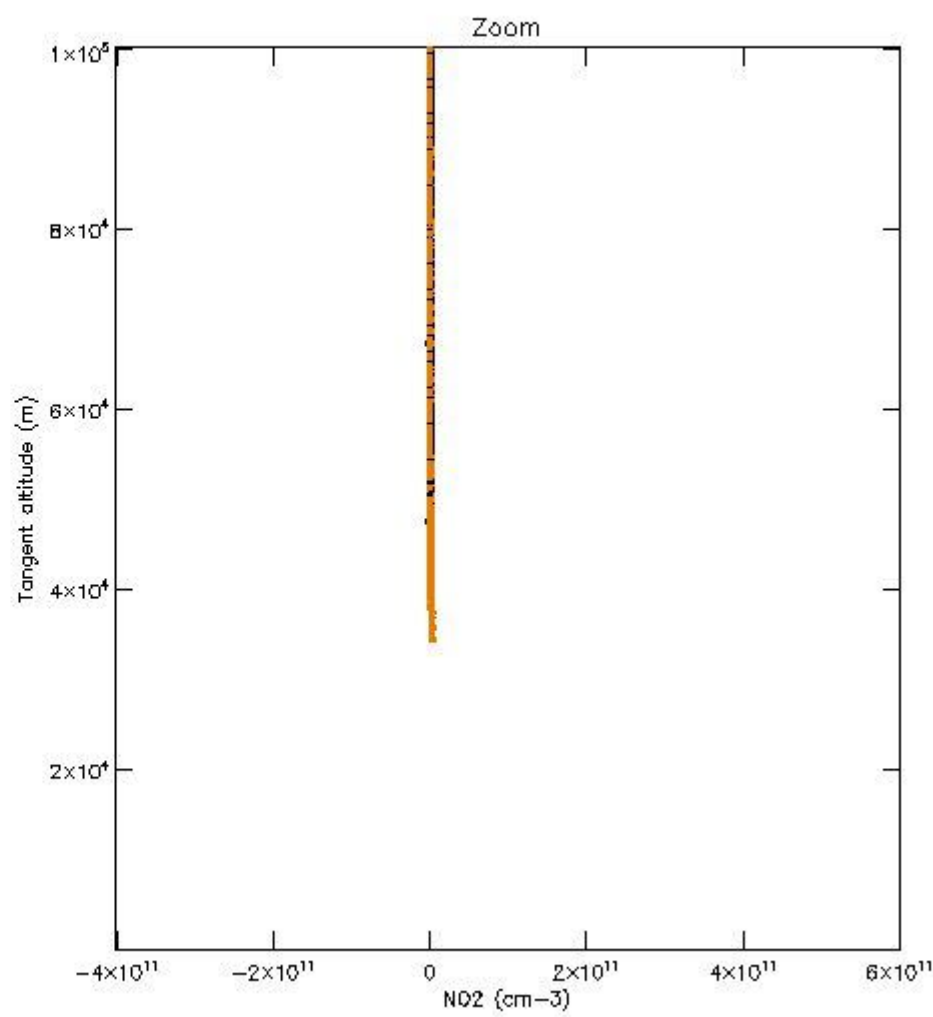
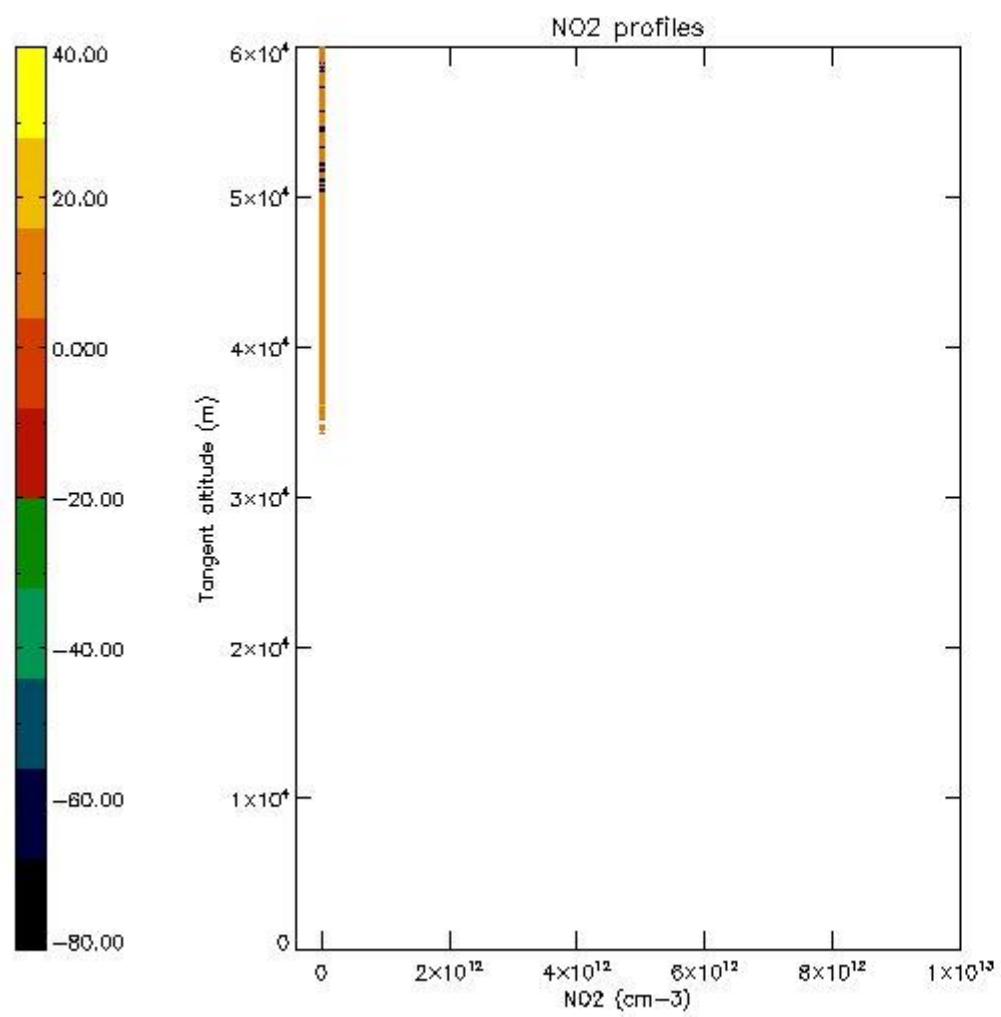
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



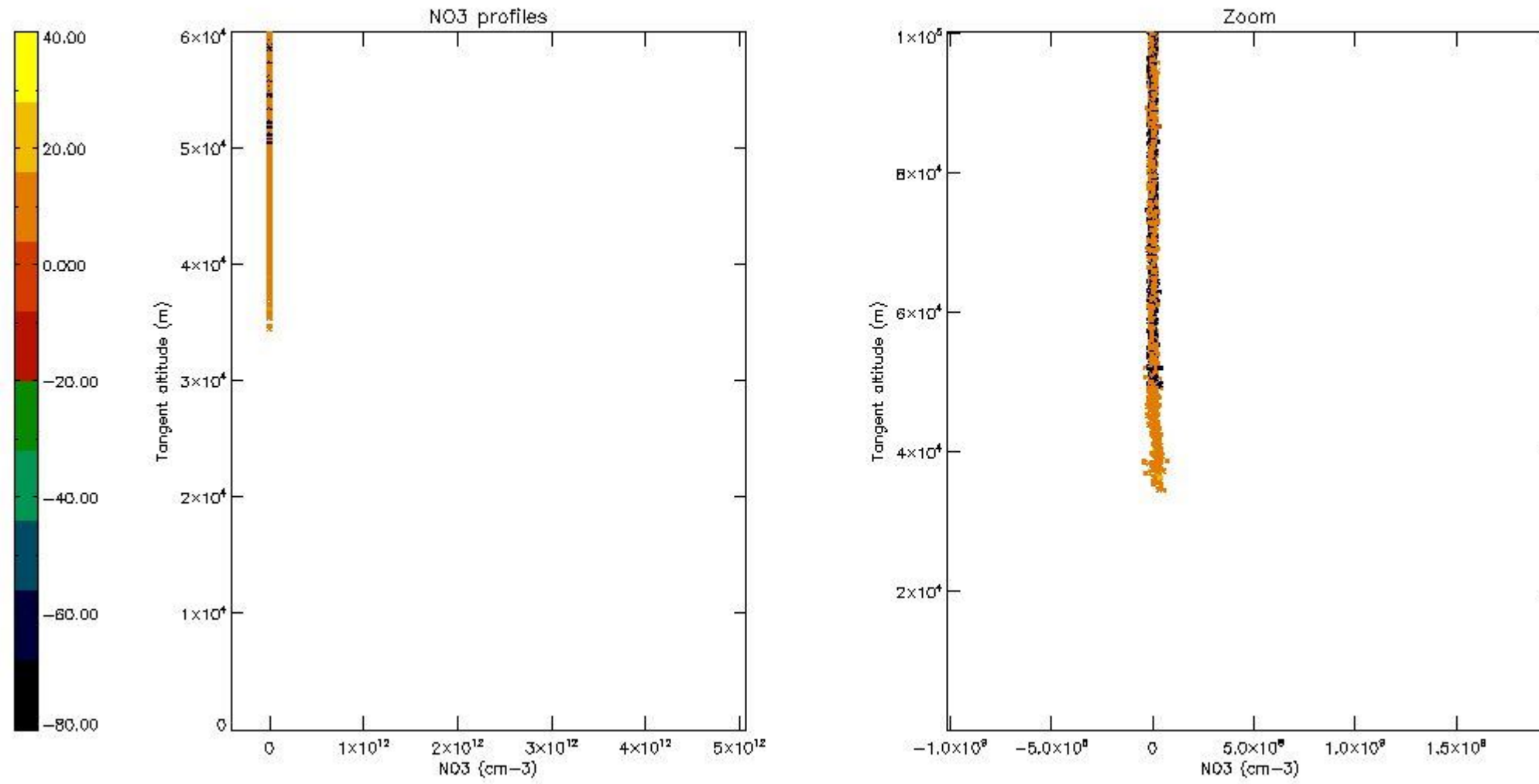
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	16-APR-2009 00:03:32
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	16-APR-2009 00:03:32
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	16-APR-2009 00:03:32

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

[4.2.1 Plot of level 1 quality information per product \(world map\): 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 08:51:07
Data source version	GOMOS/6.01
Start time of products	16-04-2009 (16APR2009 00:00:00)
Stop time of products	17-04-2009 (17APR2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	189
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__2PRFIN20090416_000332_000000512078_00131_37259_7708.N1	16-APR-2009 00:03:32	Dark	51.000	38	20Eps Sgr	1.8360	11000.	102	37259	No
2	GOM_NL__2PRFIN20090416_000541_000000372078_00131_37259_7709.N1	16-APR-2009 00:05:41	Dark	37.000	147	Alp Ara	2.8770	26000.	74	37259	No
3	GOM_NL__2PRFIN20090416_000727_000000482078_00131_37259_7710.N1	16-APR-2009 00:07:27	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	37259	No
4	GOM_NL__2PRFIN20090416_001308_000000372078_00131_37259_7711.N1	16-APR-2009 00:13:08	Straylight	36.500	131	Gam Lup	2.8000	26000.	73	37259	No
5	GOM_NL__2PRFIN20090416_002325_000000432078_00131_37259_7712.N1	16-APR-2009 00:23:25	Bright	42.500	122	9Alp2Lib	2.7470	9700.0	85	37259	No
6	GOM_NL__2PRFIN20090416_003539_000000392078_00131_37259_7713.N1	16-APR-2009 00:35:39	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	37259	No
7	GOM_NL__2PRFIN20090416_004332_000000432078_00131_37259_7714.N1	16-APR-2009 00:43:32	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	37259	No
8	GOM_NL__2PRFIN20090416_005310_000000372078_00131_37259_7715.N1	16-APR-2009 00:53:10	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	37259	No
9	GOM_NL__2PRFIN20090416_010710_000000322078_00131_37259_7716.N1	16-APR-2009 01:07:10	Twi_and_stray	31.500	19	50Alp Cyg	1.2460	10500.	63	37259	No
10	GOM_NL__2PRFIN20090416_010858_000000352078_00131_37259_7717.N1	16-APR-2009 01:08:58	Twi_and_stray	34.500	66	37Gam Cyg	2.2080	5900.0	69	37259	No
11	GOM_NL__2PRFIN20090416_011131_000000332078_00131_37259_7718.N1	16-APR-2009 01:11:31	Twi_and_stray	33.000	92	53Eps Cyg	2.5000	4500.0	66	37259	No
12	GOM_NL__2PRFIN20090416_011858_000000302078_00131_37259_7719.N1	16-APR-2009 01:18:58	Dark	29.500	61	8Eps Peg	2.1000	3900.0	59	37259	No
13	GOM_NL__2PRFIN20090416_012405_000000322078_00131_37259_7720.N1	16-APR-2009 01:24:05	Dark	31.500	154	22Bet Aqr	2.8990	5700.0	63	37259	No
14	GOM_NL__2PRFIN20090416_014037_000000252078_00132_37260_7723.N1	16-APR-2009 01:40:37	Dark	25.000	103	38Zet Sgr	2.6000	9700.0	50	37260	No
15	GOM_NL__2PRFIN20090416_014410_000000512078_00132_37260_7724.N1	16-APR-2009 01:44:10	Dark	51.000	38	20Eps Sgr	1.8360	11000.	102	37260	No
16	GOM_NL__2PRFIN20090416_014618_000000382078_00132_37260_7725.N1	16-APR-2009 01:46:18	Dark	37.500	147	Alp Ara	2.8770	26000.	75	37260	No
17	GOM_NL__2PRFIN20090416_014804_000000482078_00132_37260_7726.N1	16-APR-2009 01:48:04	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	37260	No
18	GOM_NL__2PRFIN20090416_015344_000000372078_00132_37260_7727.N1	16-APR-2009 01:53:44	Straylight	37.000	131	Gam Lup	2.8000	26000.	74	37260	No
19	GOM_NL__2PRFIN20090416_020401_000000432078_00132_37260_7728.N1	16-APR-2009 02:04:01	Bright	42.500	122	9Alp2Lib	2.7470	9700.0	85	37260	No
20	GOM_NL__2PRFIN20090416_021614_000000392078_00132_37260_7729.N1	16-APR-2009 02:16:14	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	37260	No
21	GOM_NL__2PRFIN20090416_022407_000000432078_00132_37260_7730.N1	16-APR-2009 02:24:07	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	37260	No
22	GOM_NL__2PRFIN20090416_023346_000000372078_00132_37260_7731.N1	16-APR-2009 02:33:46	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	37260	No
23	GOM_NL__2PRFIN20090416_024746_000000322078_00132_37260_7732.N1	16-APR-2009 02:47:46	Twi_and_stray	31.500	19	50Alp Cyg	1.2460	10500.	63	37260	No
24	GOM_NL__2PRFIN20090416_024933_000000352078_00132_37260_7733.N1	16-APR-2009 02:49:33	Twi_and_stray	34.500	66	37Gam Cyg	2.2080	5900.0	69	37260	No
25	GOM_NL__2PRFIN20090416_025207_000000342078_00132_37260_7734.N1	16-APR-2009 02:52:07	Twi_and_stray	33.500	92	53Eps Cyg	2.5000	4500.0	67	37260	No
26	GOM_NL__2PRFIN20090416_025935_000000302078_00132_37260_7735.N1	16-APR-2009 02:59:35	Dark	29.500	61	8Eps Peg	2.1000	3900.0	59	37260	No
27	GOM_NL__2PRFIN20090416_030442_000000322078_00132_37260_7736.N1	16-APR-2009 03:04:42	Dark	31.500	154	22Bet Aqr	2.8990	5700.0	63	37260	No
28	GOM_NL__2PRFIN20090416_032114_000000252078_00133_37261_7733.N1	16-APR-2009 03:21:14	Dark	25.000	103	38Zet Sgr	2.6000	9700.0	50	37261	No
29	GOM_NL__2PRFIN20090416_032447_000000512078_00133_37261_7734.N1	16-APR-2009 03:24:47	Dark	51.000	38	20Eps Sgr	1.8360	11000.	102	37261	No
30	GOM_NL__2PRFIN20090416_032655_000000382078_00133_37261_7735.N1	16-APR-2009 03:26:55	Dark	37.500	147	Alp Ara	2.8770	26000.	75	37261	No
31	GOM_NL__2PRFIN20090416_032841_000000492078_00133_37261_7736.N1	16-APR-2009 03:28:41	Dark	48.500	25	35Lam Sco	1.6200	28000.	97	37261	No
32	GOM_NL__2PRFIN20090416_033421_000000372078_00133_37261_7737.N1	16-APR-2009 03:34:21	Straylight	36.500	131	Gam Lup	2.8000	26000.	73	37261	No
33	GOM_NL__2PRFIN20090416_034437_000000422078_00133_37261_7738.N1	16-APR-2009 03:44:37	Bright	42.000	122	9Alp2Lib	2.7470	9700.0	84	37261	No
34	GOM_NL__2PRFIN20090416_035650_000000392078_00133_37261_7739.N1	16-APR-2009 03:56:50	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	37261	No
35	GOM_NL__2PRFIN20090416_040442_000000432078_00133_37261_7740.N1	16-APR-2009 04:04:42	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	37261	No
36	GOM_NL__2PRFIN20090416_041421_000000372078_00133_37261_7741.N1	16-APR-2009 04:14:21	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	37261	No
37	GOM_NL__2PRFIN20090416_042822_000000322078_00133_37261_7742.N1	16-APR-2009 04:28:22	Twi_and_stray	31.500	19	50Alp Cyg	1.2460	10500.	63	37261	No
38	GOM_NL__2PRFIN20090416_043009_000000352078_00133_37261_7743.N1	16-APR-2009 04:30:09	Twi_and_stray	34.500	66	37Gam Cyg	2.2080	5900.0	69	37261	No
39	GOM_NL__2PRFIN20090416_043244_000000332078_00133_37261_7744.N1	16-APR-2009 04:32:44	Twi_and_stray	33.000	92	53Eps Cyg	2.5000	4500.0	66	37261	No
40	GOM_NL__2PRFIN20090416_044011_000000302078_00133_37261_7745.N1	16-APR-2009 04:40:11	Dark	29.500	61	8Eps Peg	2.1000	3900.0	59	37261	No
41	GOM_NL__2PRFIN20090416_044519_000000322078_00133_37261_7746.N1	16-APR-2009 04:45:19	Dark	31.500	154	22Bet Aqr	2.8990	5700.0	63	37261	No
42	GOM_NL__2PRFIN20090416_050524_000000512078_00134_37262_7743.N1	16-APR-2009 05:05:24	Dark	51.000	38	20Eps Sgr	1.8360	11000.	102	37262	No

43	GOM_NL__2PRFIN20090416_050732_000000382078_00134_37262_7744.N1	16-APR-2009 05:07:32	Dark	37.500	147	Alp Ara	2.8770	26000.	75	37262	No
44	GOM_NL__2PRFIN20090416_050918_000000482078_00134_37262_7745.N1	16-APR-2009 05:09:18	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	37262	No
45	GOM_NL__2PRFIN20090416_051458_000000372078_00134_37262_7746.N1	16-APR-2009 05:14:58	Straylight	36.500	131	Gam Lup	2.8000	26000.	73	37262	No
46	GOM_NL__2PRFIN20090416_052513_000000422078_00134_37262_7747.N1	16-APR-2009 05:25:13	Bright	41.500	122	9Alp2Lib	2.7470	9700.0	83	37262	No
47	GOM_NL__2PRFIN20090416_053725_000000392078_00134_37262_7748.N1	16-APR-2009 05:37:25	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	37262	No
48	GOM_NL__2PRFIN20090416_054518_000000422078_00134_37262_7749.N1	16-APR-2009 05:45:18	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	37262	No
49	GOM_NL__2PRFIN20090416_055456_000000362078_00134_37262_7750.N1	16-APR-2009 05:54:56	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	37262	No
50	GOM_NL__2PRFIN20090416_060858_000000312078_00134_37262_7751.N1	16-APR-2009 06:08:58	Twi_and_stray	31.000	19	50Alp Cyg	1.2460	10500.	62	37262	No
51	GOM_NL__2PRFIN20090416_061045_000000352078_00134_37262_7752.N1	16-APR-2009 06:10:45	Twi_and_stray	34.500	66	37Gam Cyg	2.2080	5900.0	69	37262	No
52	GOM_NL__2PRFIN20090416_061320_000000332078_00134_37262_7753.N1	16-APR-2009 06:13:20	Twi_and_stray	32.500	92	53Eps Cyg	2.5000	4500.0	65	37262	No
53	GOM_NL__2PRFIN20090416_062048_000000292078_00134_37262_7754.N1	16-APR-2009 06:20:48	Dark	29.000	61	8Eps Peg	2.1000	3900.0	58	37262	No
54	GOM_NL__2PRFIN20090416_062555_000000312078_00134_37262_7755.N1	16-APR-2009 06:25:55	Dark	31.000	154	22Bet Aqr	2.8990	5700.0	62	37262	No
55	GOM_NL__2PRFIN20090416_064602_000000512078_00135_37263_7773.N1	16-APR-2009 06:46:02	Dark	50.500	38	20Eps Sgr	1.8360	11000.	101	37263	No
56	GOM_NL__2PRFIN20090416_064809_000000372078_00135_37263_7774.N1	16-APR-2009 06:48:09	Dark	37.000	147	Alp Ara	2.8770	26000.	74	37263	No
57	GOM_NL__2PRFIN20090416_064956_000000482078_00135_37263_7775.N1	16-APR-2009 06:49:56	Straylight	47.500	25	35Lam Sco	1.6200	28000.	95	37263	No
58	GOM_NL__2PRFIN20090416_065534_000000362078_00135_37263_7776.N1	16-APR-2009 06:55:34	Straylight	36.000	131	Gam Lup	2.8000	26000.	72	37263	No
59	GOM_NL__2PRFIN20090416_070549_000000412078_00135_37263_7777.N1	16-APR-2009 07:05:49	Bright	40.500	122	9Alp2Lib	2.7470	9700.0	81	37263	No
60	GOM_NL__2PRFIN20090416_071801_000000392078_00135_37263_7778.N1	16-APR-2009 07:18:01	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	37263	No
61	GOM_NL__2PRFIN20090416_072553_000000422078_00135_37263_7779.N1	16-APR-2009 07:25:53	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	37263	No
62	GOM_NL__2PRFIN20090416_073532_000000372078_00135_37263_7780.N1	16-APR-2009 07:35:32	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	37263	No
63	GOM_NL__2PRFIN20090416_074933_000000312078_00135_37263_7781.N1	16-APR-2009 07:49:33	Twi_and_stray	31.000	19	50Alp Cyg	1.2460	10500.	62	37263	No
64	GOM_NL__2PRFIN20090416_075121_000000342078_00135_37263_7782.N1	16-APR-2009 07:51:21	Twi_and_stray	34.000	66	37Gam Cyg	2.2080	5900.0	68	37263	No
65	GOM_NL__2PRFIN20090416_075356_000000332078_00135_37263_7783.N1	16-APR-2009 07:53:56	Twi_and_stray	32.500	92	53Eps Cyg	2.5000	4500.0	65	37263	No
66	GOM_NL__2PRFIN20090416_080124_000000292078_00135_37263_7784.N1	16-APR-2009 08:01:24	Dark	28.500	61	8Eps Peg	2.1000	3900.0	57	37263	No
67	GOM_NL__2PRFIN20090416_080632_000000312078_00135_37263_7785.N1	16-APR-2009 08:06:32	Dark	31.000	154	22Bet Aqr	2.8990	5700.0	62	37263	No
68	GOM_NL__2PRFIN20090416_082640_000000492078_00136_37264_7808.N1	16-APR-2009 08:26:40	Dark	49.000	38	20Eps Sgr	1.8360	11000.	98	37264	No
69	GOM_NL__2PRFIN20090416_082845_000000372078_00136_37264_7809.N1	16-APR-2009 08:28:45	Dark	36.500	147	Alp Ara	2.8770	26000.	73	37264	No
70	GOM_NL__2PRFIN20090416_083033_000000482078_00136_37264_7810.N1	16-APR-2009 08:30:33	Straylight	47.500	25	35Lam Sco	1.6200	28000.	95	37264	No
71	GOM_NL__2PRFIN20090416_083611_000000362078_00136_37264_7811.N1	16-APR-2009 08:36:11	Straylight	36.000	131	Gam Lup	2.8000	26000.	72	37264	No
72	GOM_NL__2PRFIN20090416_084625_000000412078_00136_37264_7812.N1	16-APR-2009 08:46:25	Bright	40.500	122	9Alp2Lib	2.7470	9700.0	81	37264	No
73	GOM_NL__2PRFIN20090416_085836_000000382078_00136_37264_7813.N1	16-APR-2009 08:58:36	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	37264	No
74	GOM_NL__2PRFIN20090416_090628_000000422078_00136_37264_7814.N1	16-APR-2009 09:06:28	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	37264	No
75	GOM_NL__2PRFIN20090416_091607_000000372078_00136_37264_7815.N1	16-APR-2009 09:16:07	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	37264	No
76	GOM_NL__2PRFIN20090416_093009_000000312078_00136_37264_7816.N1	16-APR-2009 09:30:09	Twi_and_stray	31.000	19	50Alp Cyg	1.2460	10500.	62	37264	No
77	GOM_NL__2PRFIN20090416_093157_000000342078_00136_37264_7817.N1	16-APR-2009 09:31:57	Twi_and_stray	34.000	66	37Gam Cyg	2.2080	5900.0	68	37264	No
78	GOM_NL__2PRFIN20090416_093432_000000332078_00136_37264_7818.N1	16-APR-2009 09:34:32	Twi_and_stray	32.500	92	53Eps Cyg	2.5000	4500.0	65	37264	No
79	GOM_NL__2PRFIN20090416_094200_000000292078_00136_37264_7819.N1	16-APR-2009 09:42:00	Dark	29.000	61	8Eps Peg	2.1000	3900.0	58	37264	No
80	GOM_NL__2PRFIN20090416_094708_000000322078_00136_37264_7820.N1	16-APR-2009 09:47:08	Dark	31.500	154	22Bet Aqr	2.8990	5700.0	63	37264	No
81	GOM_NL__2PRFIN20090416_100717_000000492078_00137_37265_7822.N1	16-APR-2009 10:07:17	Dark	49.000	38	20Eps Sgr	1.8360	11000.	98	37265	No
82	GOM_NL__2PRFIN20090416_100922_000000372078_00137_37265_7823.N1	16-APR-2009 10:09:22	Dark	36.500	147	Alp Ara	2.8770	26000.	73	37265	No
83	GOM_NL__2PRFIN20090416_101110_000000482078_00137_37265_7824.N1	16-APR-2009 10:11:10	Straylight	47.500	25	35Lam Sco	1.6200	28000.	95	37265	No
84	GOM_NL__2PRFIN20090416_101647_000000362078_00137_37265_7825.N1	16-APR-2009 10:16:47	Straylight	36.000	131	Gam Lup	2.8000	26000.	72	37265	No
85	GOM_NL__2PRFIN20090416_102701_000000412078_00137_37265_7826.N1	16-APR-2009 10:27:01	Bright	40.500	122	9Alp2Lib	2.7470	9700.0	81	37265	No
86	GOM_NL__2PRFIN20090416_103911_000000382078_00137_37265_7827.N1	16-APR-2009 10:39:11	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	37265	No
87	GOM_NL__2PRFIN20090416_104703_000000412078_00137_37265_7828.N1	16-APR-2009 10:47:03	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	37265	No
88	GOM_NL__2PRFIN20090416_105642_000000362078_00137_37265_7829.N1	16-APR-2009 10:56:42	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	37265	No
89	GOM_NL__2PRFIN20090416_111045_000000312078_00137_37265_7830.N1	16-APR-2009 11:10:45	Twi_and_stray	31.000	19	50Alp Cyg	1.2460	10500.	62	37265	No
90	GOM_NL__2PRFIN20090416_111233_000000342078_00137_37265_7831.N1	16-APR-2009 11:12:33	Twi_and_stray	34.000	66	37Gam Cyg	2.2080	5900.0	68	37265	No
91	GOM_NL__2PRFIN20090416_111508_000000332078_00137_37265_7832.N1	16-APR-2009 11:15:08	Twi_and_stray	32.500	92	53Eps Cyg	2.5000	4500.0	65	37265	No
92	GOM_NL__2PRFIN20090416_112237_000000292078_00137_37265_7833.N1	16-APR-2009 11:22:37	Dark	29.000	61	8Eps Peg	2.1000	3900.0	58	37265	No
93	GOM_NL__2PRFIN20090416_112745_000000312078_00137_37265_7834.N1	16-APR-2009 11:27:45	Dark	31.000	154	22Bet Aqr	2.8990	5700.0	62	37265	No
94	GOM_NL__2PRFIN20090416_114755_000000472078_00138_37266_7836.N1	16-APR-2009 11:47:55	Dark	47.000	38	20Eps Sgr	1.8360	11000.	94	37266	No
95	GOM_NL__2PRFIN20090416_114959_000000372078_00138_37266_7837.N1	16-APR-2009 11:49:59	Dark	37.000	147	Alp Ara	2.8770	26000.	74	37266	No
96	GOM_NL__2PRFIN20090416_115147_000000482078_00138_37266_7838.N1	16-APR-2009 11:51:47	Straylight	47.500	25	35Lam Sco	1.6200	28000.	95	37266	No
97	GOM_NL__2PRFIN20090416_115724_000000342078_00138_37266_7839.N1	16-APR-2009 11:57:24	Straylight	33.500	131	Gam Lup	2.8000	26000.	67	37266	No
98	GOM_NL__2PRFIN20090416_120737_000000412078_00138_37266_7840.N1	16-APR-2009 12:07:37	Bright	41.000	122	9Alp2Lib	2.7470	9700.0	82	37266	No
99	GOM_NL__2PRFIN20090416_121947_000000382078_00138_37266_7841.N1	16-APR-2009 12:19:47	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	37266	No
100	GOM_NL__2PRFIN20090416_122738_000000422078_00138_37266_7842.N1	16-APR-2009 12:27:38	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	37266	No
101	GOM_NL__2PRFIN20090416_123717_000000372078_00138_37266_7843.N1	16-APR-2009 12:37:17	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	37266	No

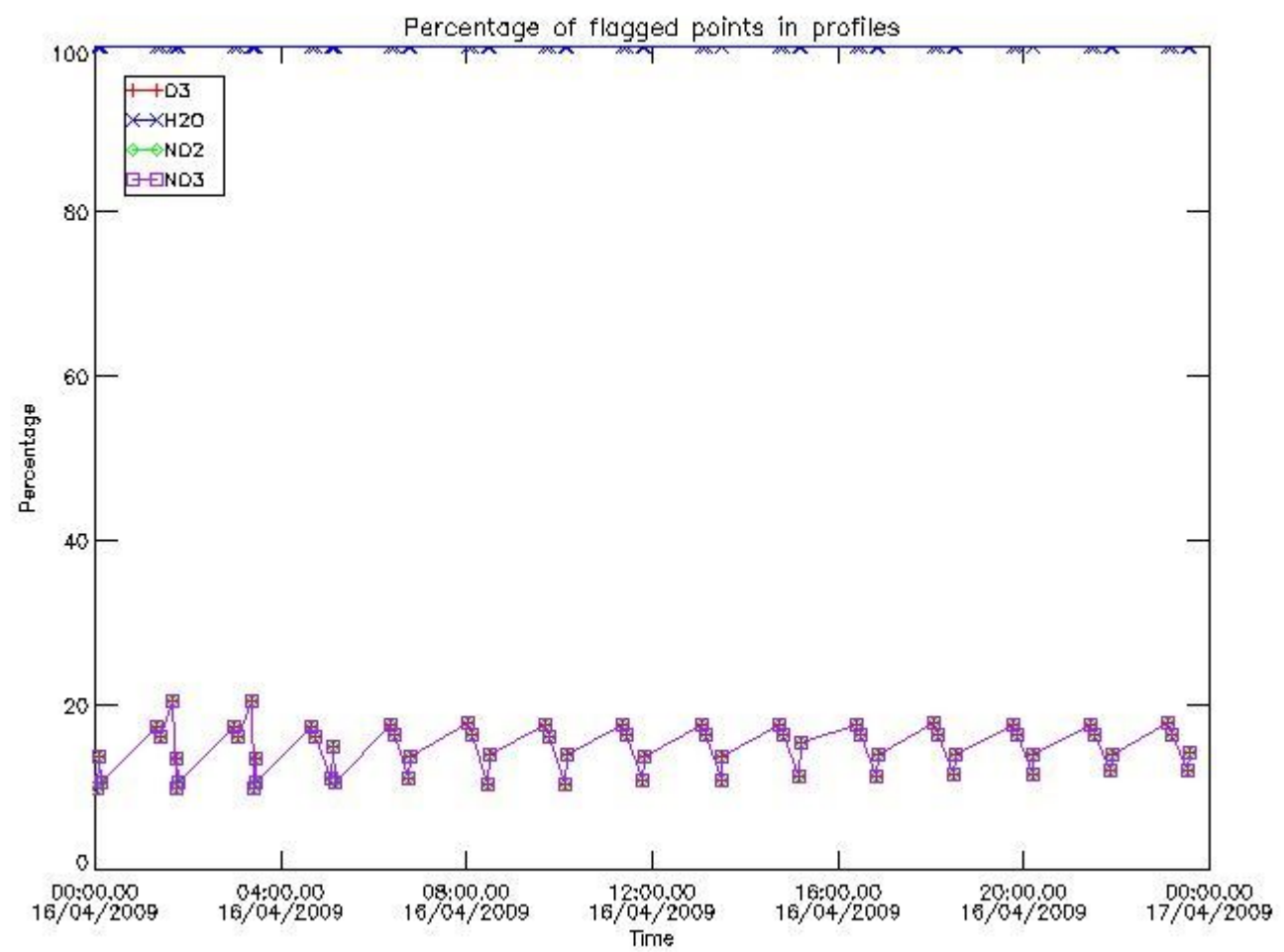
102	GOM_NL__2PRFIN20090416_125121_000000312078_00138_37266_7844.N1	16-APR-2009 12:51:21	Tw_i_and_stray	31.000	19	50Alp Cyg	1.2460	10500.	62	37266	No
103	GOM_NL__2PRFIN20090416_125308_000000352078_00138_37266_7845.N1	16-APR-2009 12:53:08	Tw_i_and_stray	34.500	66	37Gam Cyg	2.2080	5900.0	69	37266	No
104	GOM_NL__2PRFIN20090416_125544_000000332078_00138_37266_7846.N1	16-APR-2009 12:55:44	Tw_i_and_stray	33.000	92	53Eps Cyg	2.5000	4500.0	66	37266	No
105	GOM_NL__2PRFIN20090416_130313_000000292078_00138_37266_7847.N1	16-APR-2009 13:03:13	Dark	29.000	61	8Eps Peg	2.1000	3900.0	58	37266	No
106	GOM_NL__2PRFIN20090416_130822_000000312078_00138_37266_7848.N1	16-APR-2009 13:08:22	Dark	31.000	154	22Bet Aqr	2.8990	5700.0	62	37266	No
107	GOM_NL__2PRFIN20090416_132832_000000472078_00139_37267_7850.N1	16-APR-2009 13:28:32	Dark	47.000	38	20Eps Sgr	1.8360	11000.	94	37267	No
108	GOM_NL__2PRFIN20090416_133035_000000372078_00139_37267_7851.N1	16-APR-2009 13:30:35	Dark	37.000	147	Alp Ara	2.8770	26000.	74	37267	No
109	GOM_NL__2PRFIN20090416_133224_000000482078_00139_37267_7852.N1	16-APR-2009 13:32:24	Straylight	47.500	25	35Lam Sco	1.6200	28000.	95	37267	No
110	GOM_NL__2PRFIN20090416_133800_000000362078_00139_37267_7853.N1	16-APR-2009 13:38:00	Straylight	36.000	131	Gam Lup	2.8000	26000.	72	37267	No
111	GOM_NL__2PRFIN20090416_134813_000000412078_00139_37267_7854.N1	16-APR-2009 13:48:13	Bright	41.000	122	9Alp2Lib	2.7470	9700.0	82	37267	No
112	GOM_NL__2PRFIN20090416_140022_000000382078_00139_37267_7855.N1	16-APR-2009 14:00:22	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	37267	No
113	GOM_NL__2PRFIN20090416_140813_000000412078_00139_37267_7856.N1	16-APR-2009 14:08:13	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	37267	No
114	GOM_NL__2PRFIN20090416_141752_000000362078_00139_37267_7857.N1	16-APR-2009 14:17:52	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	37267	No
115	GOM_NL__2PRFIN20090416_143156_000000312078_00139_37267_7858.N1	16-APR-2009 14:31:56	Tw_i_and_stray	31.000	19	50Alp Cyg	1.2460	10500.	62	37267	No
116	GOM_NL__2PRFIN20090416_143344_000000342078_00139_37267_7859.N1	16-APR-2009 14:33:44	Tw_i_and_stray	34.000	66	37Gam Cyg	2.2080	5900.0	68	37267	No
117	GOM_NL__2PRFIN20090416_143620_000000332078_00139_37267_7860.N1	16-APR-2009 14:36:20	Tw_i_and_stray	32.500	92	53Eps Cyg	2.5000	4500.0	65	37267	No
118	GOM_NL__2PRFIN20090416_144350_000000292078_00139_37267_7861.N1	16-APR-2009 14:43:50	Dark	29.000	61	8Eps Peg	2.1000	3900.0	58	37267	No
119	GOM_NL__2PRFIN20090416_144858_000000312078_00139_37267_7862.N1	16-APR-2009 14:48:58	Dark	31.000	154	22Bet Aqr	2.8990	5700.0	62	37267	No
120	GOM_NL__2PRFIN20090416_150909_000000452078_00140_37268_7865.N1	16-APR-2009 15:09:09	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	37268	No
121	GOM_NL__2PRFIN20090416_151112_000000372078_00140_37268_7866.N1	16-APR-2009 15:11:12	Dark	36.500	147	Alp Ara	2.8770	26000.	73	37268	No
122	GOM_NL__2PRFIN20090416_151302_000000482078_00140_37268_7867.N1	16-APR-2009 15:13:02	Straylight	47.500	25	35Lam Sco	1.6200	28000.	95	37268	No
123	GOM_NL__2PRFIN20090416_151837_000000362078_00140_37268_7868.N1	16-APR-2009 15:18:37	Straylight	35.500	131	Gam Lup	2.8000	26000.	71	37268	No
124	GOM_NL__2PRFIN20090416_152849_000000412078_00140_37268_7869.N1	16-APR-2009 15:28:49	Bright	40.500	122	9Alp2Lib	2.7470	9700.0	81	37268	No
125	GOM_NL__2PRFIN20090416_154058_000000382078_00140_37268_7870.N1	16-APR-2009 15:40:58	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	37268	No
126	GOM_NL__2PRFIN20090416_154848_000000422078_00140_37268_7871.N1	16-APR-2009 15:48:48	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	37268	No
127	GOM_NL__2PRFIN20090416_155828_000000362078_00140_37268_7872.N1	16-APR-2009 15:58:28	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	37268	No
128	GOM_NL__2PRFIN20090416_161232_000000312078_00140_37268_7873.N1	16-APR-2009 16:12:32	Tw_i_and_stray	31.000	19	50Alp Cyg	1.2460	10500.	62	37268	No
129	GOM_NL__2PRFIN20090416_161420_000000342078_00140_37268_7874.N1	16-APR-2009 16:14:20	Tw_i_and_stray	34.000	66	37Gam Cyg	2.2080	5900.0	68	37268	No
130	GOM_NL__2PRFIN20090416_161656_000000332078_00140_37268_7875.N1	16-APR-2009 16:16:56	Tw_i_and_stray	32.500	92	53Eps Cyg	2.5000	4500.0	65	37268	No
131	GOM_NL__2PRFIN20090416_162426_000000292078_00140_37268_7876.N1	16-APR-2009 16:24:26	Dark	29.000	61	8Eps Peg	2.1000	3900.0	58	37268	No
132	GOM_NL__2PRFIN20090416_162935_000000312078_00140_37268_7877.N1	16-APR-2009 16:29:35	Dark	31.000	154	22Bet Aqr	2.8990	5700.0	62	37268	No
133	GOM_NL__2PRFIN20090416_164947_000000452078_00141_37269_7880.N1	16-APR-2009 16:49:47	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	37269	No
134	GOM_NL__2PRFIN20090416_165149_000000372078_00141_37269_7881.N1	16-APR-2009 16:51:49	Dark	36.500	147	Alp Ara	2.8770	26000.	73	37269	No
135	GOM_NL__2PRFIN20090416_165339_000000472078_00141_37269_7882.N1	16-APR-2009 16:53:39	Straylight	47.000	25	35Lam Sco	1.6200	28000.	94	37269	No
136	GOM_NL__2PRFIN20090416_165914_000000362078_00141_37269_7883.N1	16-APR-2009 16:59:14	Straylight	35.500	131	Gam Lup	2.8000	26000.	71	37269	No
137	GOM_NL__2PRFIN20090416_170925_000000412078_00141_37269_7884.N1	16-APR-2009 17:09:25	Bright	40.500	122	9Alp2Lib	2.7470	9700.0	81	37269	No
138	GOM_NL__2PRFIN20090416_172134_000000382078_00141_37269_7885.N1	16-APR-2009 17:21:34	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	37269	No
139	GOM_NL__2PRFIN20090416_172923_000000412078_00141_37269_7886.N1	16-APR-2009 17:29:23	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	37269	No
140	GOM_NL__2PRFIN20090416_173903_000000362078_00141_37269_7887.N1	16-APR-2009 17:39:03	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	37269	No
141	GOM_NL__2PRFIN20090416_175308_000000312078_00141_37269_7888.N1	16-APR-2009 17:53:08	Tw_i_and_stray	31.000	19	50Alp Cyg	1.2460	10500.	62	37269	No
142	GOM_NL__2PRFIN20090416_175456_000000342078_00141_37269_7889.N1	16-APR-2009 17:54:56	Tw_i_and_stray	34.000	66	37Gam Cyg	2.2080	5900.0	68	37269	No
143	GOM_NL__2PRFIN20090416_175732_000000332078_00141_37269_7890.N1	16-APR-2009 17:57:32	Tw_i_and_stray	32.500	92	53Eps Cyg	2.5000	4500.0	65	37269	No
144	GOM_NL__2PRFIN20090416_180502_000000292078_00141_37269_7891.N1	16-APR-2009 18:05:02	Dark	28.500	61	8Eps Peg	2.1000	3900.0	57	37269	No
145	GOM_NL__2PRFIN20090416_181011_000000312078_00141_37269_7892.N1	16-APR-2009 18:10:11	Dark	31.000	154	22Bet Aqr	2.8990	5700.0	62	37269	No
146	GOM_NL__2PRFIN20090416_183024_000000442078_00142_37270_7897.N1	16-APR-2009 18:30:24	Dark	44.000	38	20Eps Sgr	1.8360	11000.	88	37270	No
147	GOM_NL__2PRFIN20090416_183226_000000372078_00142_37270_7898.N1	16-APR-2009 18:32:26	Dark	36.500	147	Alp Ara	2.8770	26000.	73	37270	No
148	GOM_NL__2PRFIN20090416_183416_000000472078_00142_37270_7899.N1	16-APR-2009 18:34:16	Straylight	47.000	25	35Lam Sco	1.6200	28000.	94	37270	No
149	GOM_NL__2PRFIN20090416_183950_000000362078_00142_37270_7900.N1	16-APR-2009 18:39:50	Straylight	35.500	131	Gam Lup	2.8000	26000.	71	37270	No
150	GOM_NL__2PRFIN20090416_185002_000000412078_00142_37270_7901.N1	16-APR-2009 18:50:02	Bright	40.500	122	9Alp2Lib	2.7470	9700.0	81	37270	No
151	GOM_NL__2PRFIN20090416_190209_000000382078_00142_37270_7902.N1	16-APR-2009 19:02:09	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	37270	No
152	GOM_NL__2PRFIN20090416_190958_000000412078_00142_37270_7903.N1	16-APR-2009 19:09:58	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	37270	No
153	GOM_NL__2PRFIN20090416_191938_000000372078_00142_37270_7904.N1	16-APR-2009 19:19:38	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	37270	No
154	GOM_NL__2PRFIN20090416_193344_000000312078_00142_37270_7905.N1	16-APR-2009 19:33:44	Tw_i_and_stray	31.000	19	50Alp Cyg	1.2460	10500.	62	37270	No
155	GOM_NL__2PRFIN20090416_193532_000000342078_00142_37270_7906.N1	16-APR-2009 19:35:32	Tw_i_and_stray	34.000	66	37Gam Cyg	2.2080	5900.0	68	37270	No
156	GOM_NL__2PRFIN20090416_193808_000000332078_00142_37270_7907.N1	16-APR-2009 19:38:08	Tw_i_and_stray	32.500	92	53Eps Cyg	2.5000	4500.0	65	37270	No
157	GOM_NL__2PRFIN20090416_194539_000000292078_00142_37270_7908.N1	16-APR-2009 19:45:39	Dark	29.000	61	8Eps Peg	2.1000	3900.0	58	37270	No
158	GOM_NL__2PRFIN20090416_195048_000000312078_00142_37270_7909.N1	16-APR-2009 19:50:48	Dark	31.000	154	22Bet Aqr	2.8990	5700.0	62	37270	No
159	GOM_NL__2PRFIN20090416_201102_000000442078_00143_37271_7913.N1	16-APR-2009 20:11:02	Dark	44.000	38	20Eps Sgr	1.8360	11000.	88	37271	No
160	GOM_NL__2PRFIN20090416_201303_000000372078_00143_37271_7914.N1	16-APR-2009 20:13:03	Dark	36.500	147	Alp Ara	2.8770	26000.	73	37271	No

161	GOM_NL__2PRFIN20090416_201453_000000472078_00143_37271_7915.N1	16-APR-2009 20:14:53	Straylight	47.000	25	35Lam Sco	1.6200	28000.	94	37271	No
162	GOM_NL__2PRFIN20090416_202027_000000362078_00143_37271_7916.N1	16-APR-2009 20:20:27	Straylight	36.000	131	Gam Lup	2.8000	26000.	72	37271	No
163	GOM_NL__2PRFIN20090416_203037_000000412078_00143_37271_7917.N1	16-APR-2009 20:30:37	Bright	40.500	122	9Alp2Lib	2.7470	9700.0	81	37271	No
164	GOM_NL__2PRFIN20090416_204244_000000382078_00143_37271_7918.N1	16-APR-2009 20:42:44	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	37271	No
165	GOM_NL__2PRFIN20090416_205033_000000412078_00143_37271_7919.N1	16-APR-2009 20:50:33	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	37271	No
166	GOM_NL__2PRFIN20090416_210013_000000372078_00143_37271_7920.N1	16-APR-2009 21:00:13	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	37271	No
167	GOM_NL__2PRFIN20090416_211419_000000312078_00143_37271_7921.N1	16-APR-2009 21:14:19	Tw_i_and_stray	31.000	19	50Alp Cyg	1.2460	10500.	62	37271	No
168	GOM_NL__2PRFIN20090416_211607_000000352078_00143_37271_7922.N1	16-APR-2009 21:16:07	Tw_i_and_stray	34.500	66	37Gam Cyg	2.2080	5900.0	69	37271	No
169	GOM_NL__2PRFIN20090416_211844_000000332078_00143_37271_7923.N1	16-APR-2009 21:18:44	Tw_i_and_stray	32.500	92	53Eps Cyg	2.5000	4500.0	65	37271	No
170	GOM_NL__2PRFIN20090416_212615_000000292078_00143_37271_7924.N1	16-APR-2009 21:26:15	Dark	29.000	61	8Eps Peg	2.1000	3900.0	58	37271	No
171	GOM_NL__2PRFIN20090416_213125_000000312078_00143_37271_7925.N1	16-APR-2009 21:31:25	Dark	31.000	154	22Bet Aqr	2.8990	5700.0	62	37271	No
172	GOM_NL__2PRFIN20090416_215139_000000422078_00144_37272_7930.N1	16-APR-2009 21:51:39	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	37272	No
173	GOM_NL__2PRFIN20090416_215340_000000372078_00144_37272_7931.N1	16-APR-2009 21:53:40	Dark	36.500	147	Alp Ara	2.8770	26000.	73	37272	No
174	GOM_NL__2PRFIN20090416_215530_000000472078_00144_37272_7932.N1	16-APR-2009 21:55:30	Straylight	47.000	25	35Lam Sco	1.6200	28000.	94	37272	No
175	GOM_NL__2PRFIN20090416_220103_000000362078_00144_37272_7933.N1	16-APR-2009 22:01:03	Straylight	35.500	131	Gam Lup	2.8000	26000.	71	37272	No
176	GOM_NL__2PRFIN20090416_221114_000000412078_00144_37272_7934.N1	16-APR-2009 22:11:14	Bright	40.500	122	9Alp2Lib	2.7470	9700.0	81	37272	No
177	GOM_NL__2PRFIN20090416_222320_000000372078_00144_37272_7935.N1	16-APR-2009 22:23:20	Bright	37.000	111	8Eta Boo	2.6800	6000.0	74	37272	No
178	GOM_NL__2PRFIN20090416_223108_000000412078_00144_37272_7936.N1	16-APR-2009 22:31:08	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	37272	No
179	GOM_NL__2PRFIN20090416_224048_000000372078_00144_37272_7937.N1	16-APR-2009 22:40:48	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	37272	No
180	GOM_NL__2PRFIN20090416_225455_000000312078_00144_37272_7938.N1	16-APR-2009 22:54:55	Tw_i_and_stray	31.000	19	50Alp Cyg	1.2460	10500.	62	37272	No
181	GOM_NL__2PRFIN20090416_225643_000000342078_00144_37272_7939.N1	16-APR-2009 22:56:43	Tw_i_and_stray	34.000	66	37Gam Cyg	2.2080	5900.0	68	37272	No
182	GOM_NL__2PRFIN20090416_225920_000000332078_00144_37272_7940.N1	16-APR-2009 22:59:20	Tw_i_and_stray	32.500	92	53Eps Cyg	2.5000	4500.0	65	37272	No
183	GOM_NL__2PRFIN20090416_230652_000000292078_00144_37272_7941.N1	16-APR-2009 23:06:52	Dark	28.500	61	8Eps Peg	2.1000	3900.0	57	37272	No
184	GOM_NL__2PRFIN20090416_231201_000000312078_00144_37272_7942.N1	16-APR-2009 23:12:01	Dark	30.500	154	22Bet Aqr	2.8990	5700.0	61	37272	No
185	GOM_NL__2PRFIN20090416_233217_000000422078_00145_37273_7945.N1	16-APR-2009 23:32:17	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	37273	No
186	GOM_NL__2PRFIN20090416_233417_000000362078_00145_37273_7946.N1	16-APR-2009 23:34:17	Dark	36.000	147	Alp Ara	2.8770	26000.	72	37273	No
187	GOM_NL__2PRFIN20090416_233608_000000462078_00145_37273_7947.N1	16-APR-2009 23:36:08	Straylight	46.000	25	35Lam Sco	1.6200	28000.	92	37273	No
188	GOM_NL__2PRFIN20090416_234140_000000352078_00145_37273_7948.N1	16-APR-2009 23:41:40	Straylight	34.500	131	Gam Lup	2.8000	26000.	69	37273	No
189	GOM_NL__2PRFIN20090416_235149_000000392078_00145_37273_7949.N1	16-APR-2009 23:51:49	Bright	39.000	122	9Alp2Lib	2.7470	9700.0	78	37273	No

3. Quality information per product

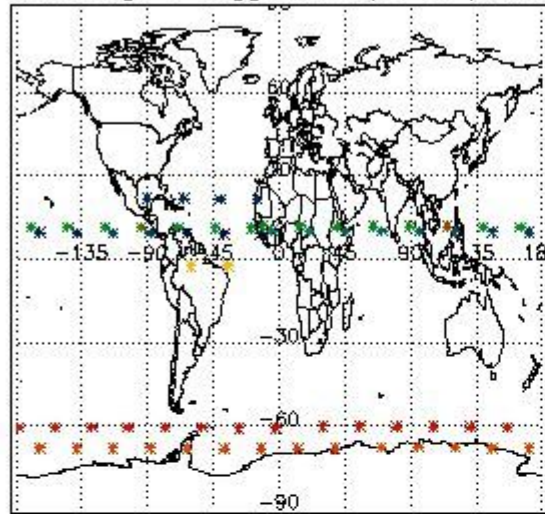
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

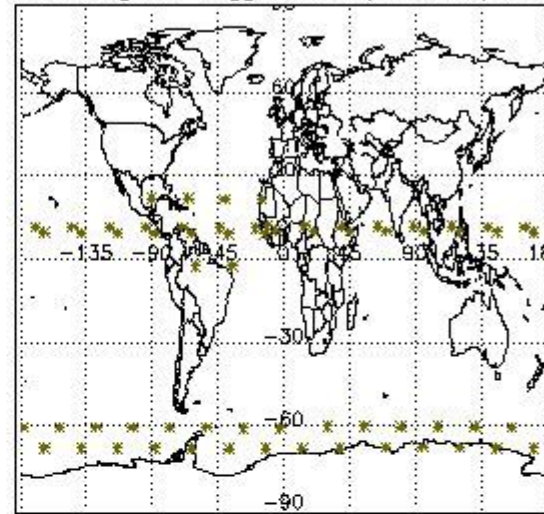


3.2 Plot quality information per product (world map)

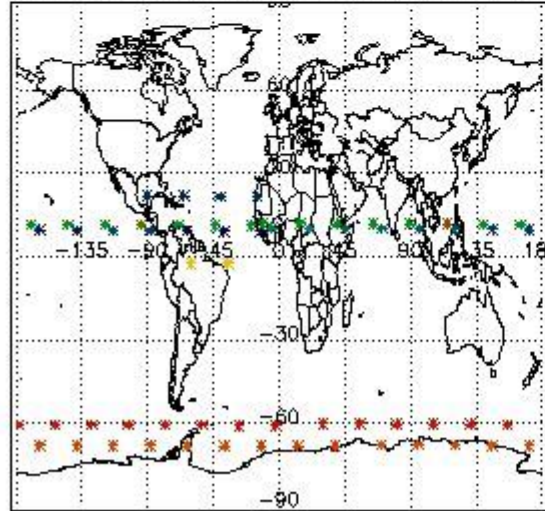
Percentage of flagged data per O3 profile



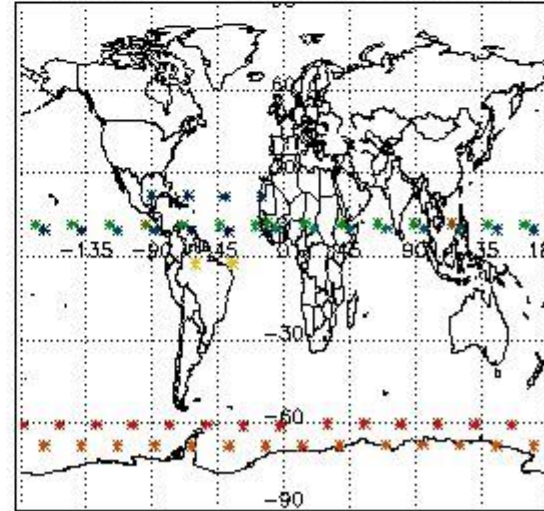
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

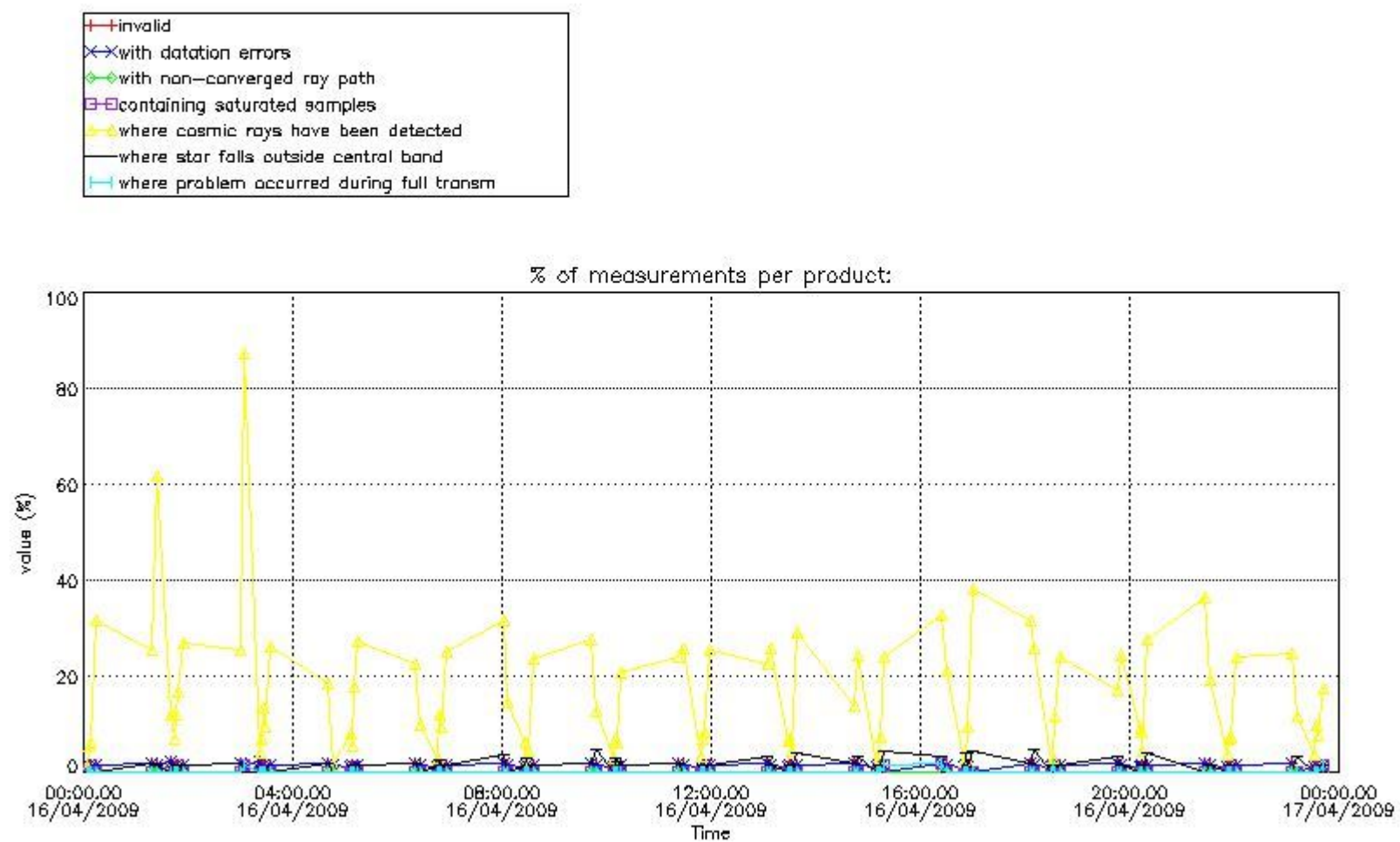


4. Level 1 quality information per product

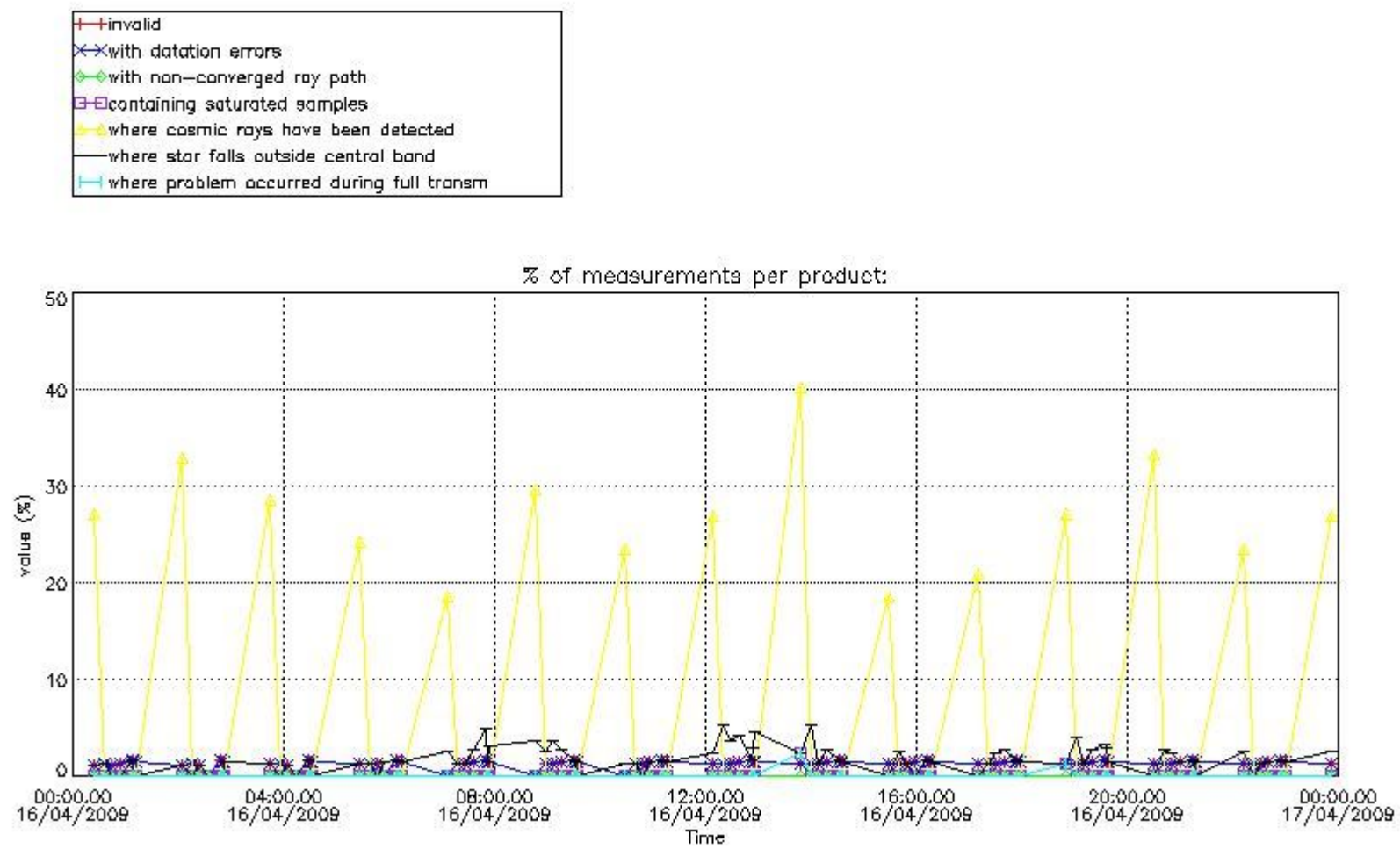
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

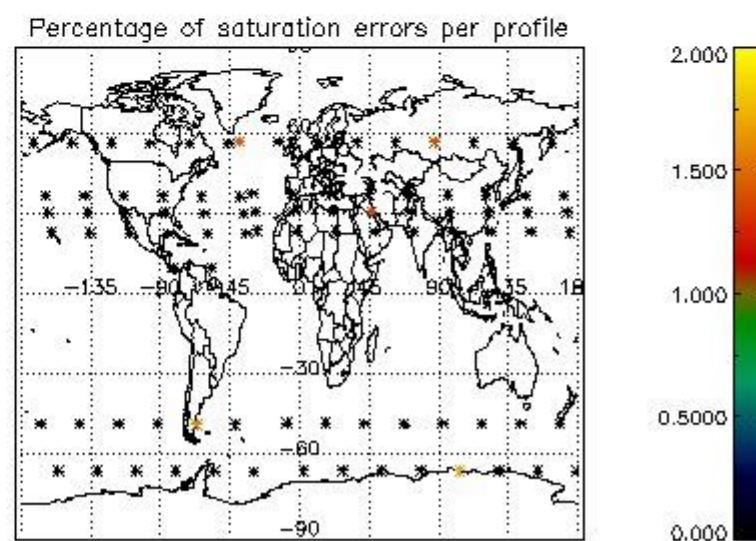
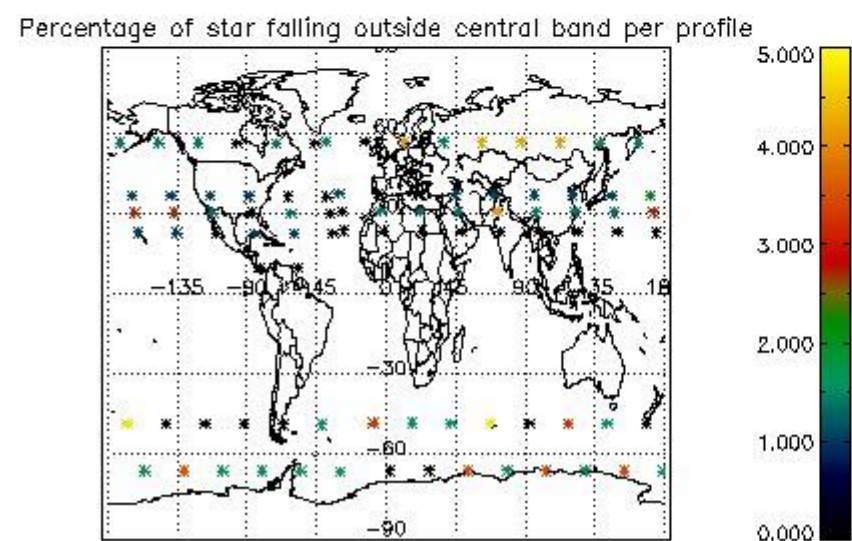
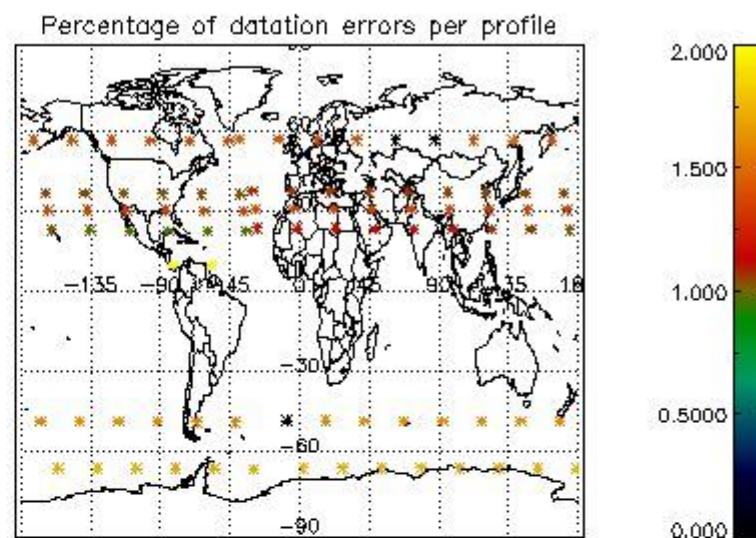
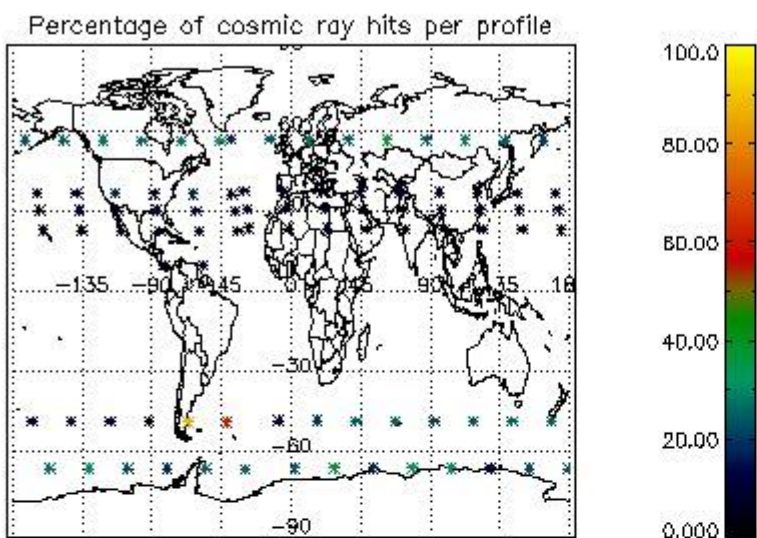


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

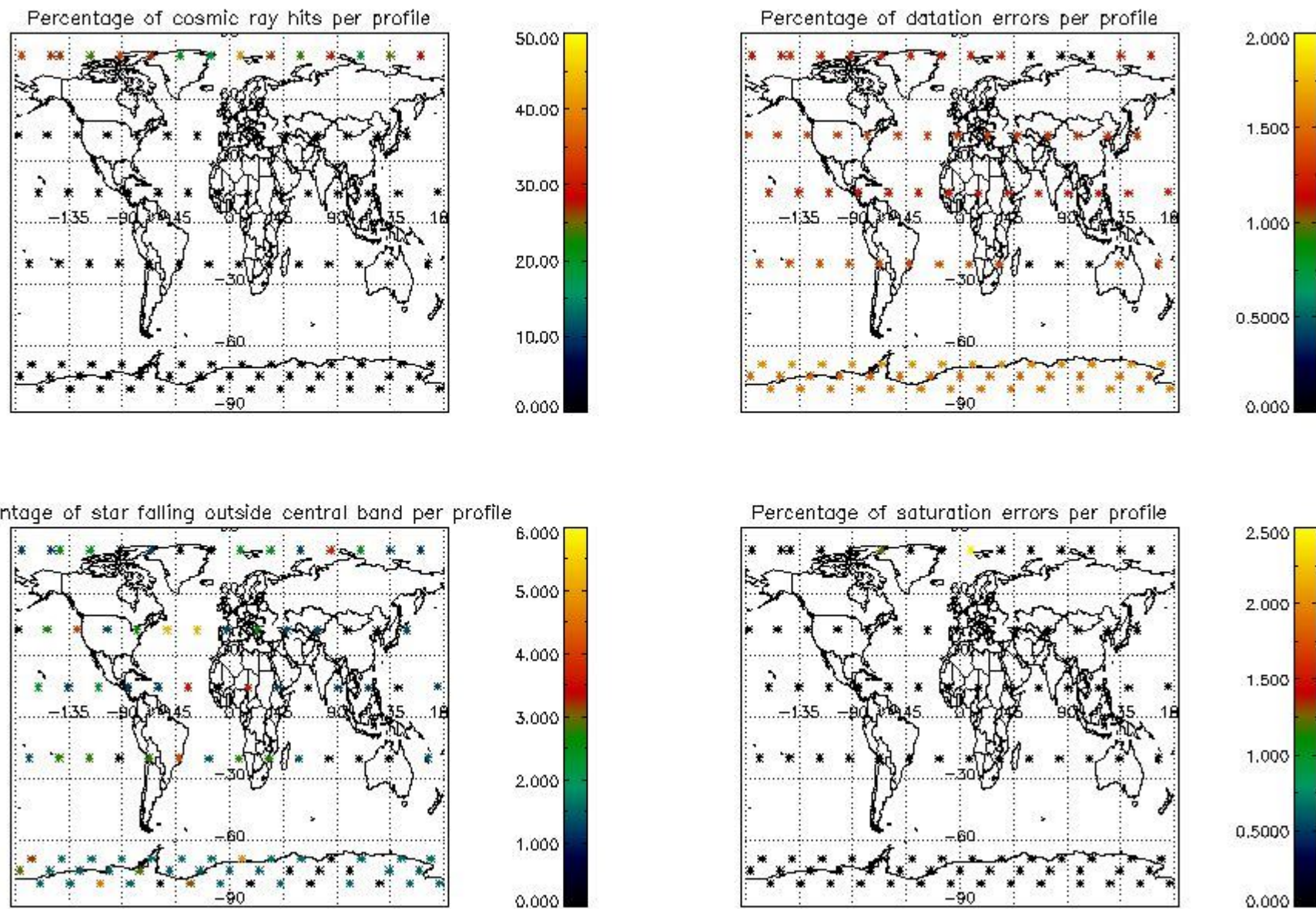


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

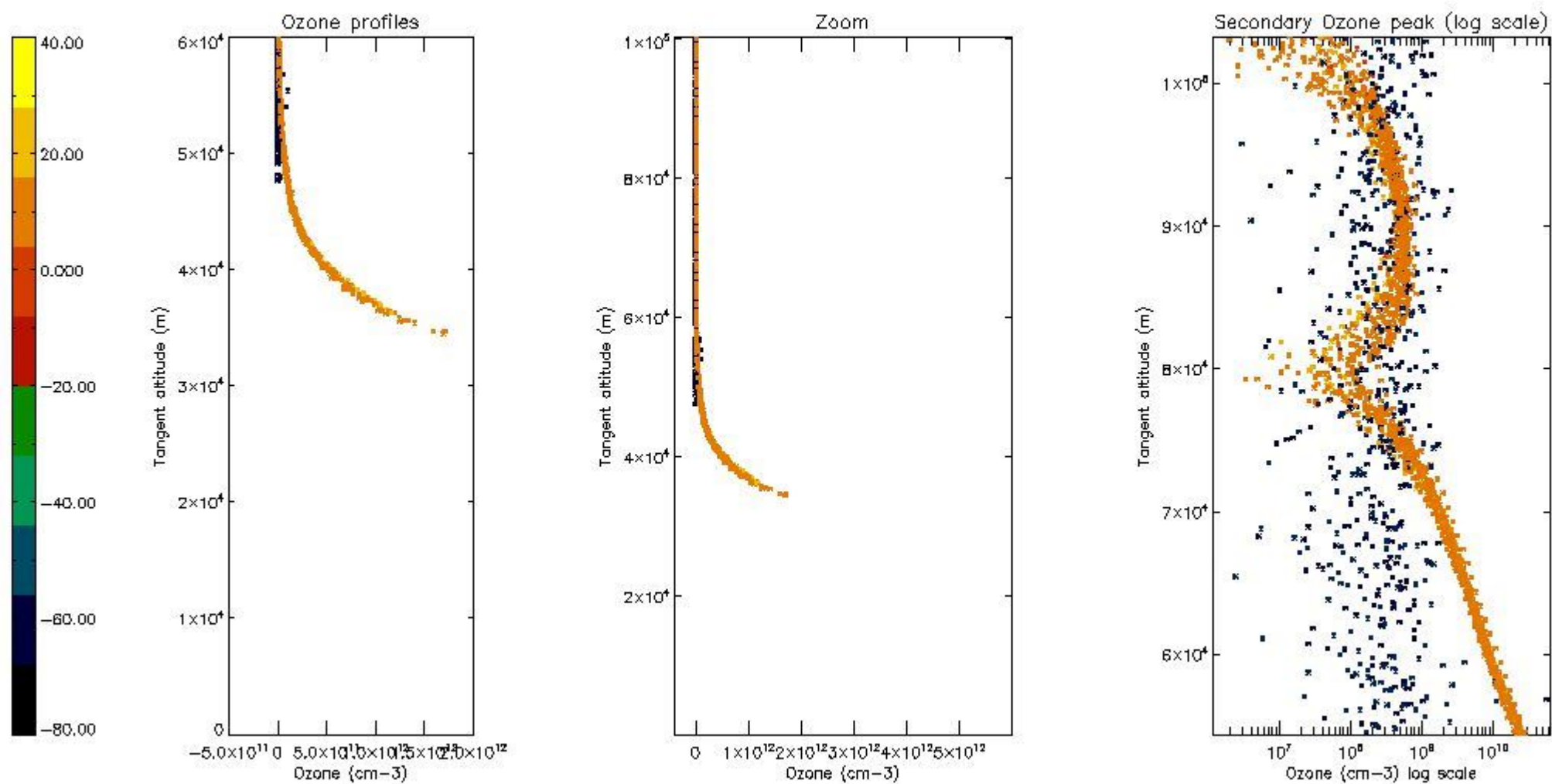
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	13

STD < 10	10
STD < 5	8

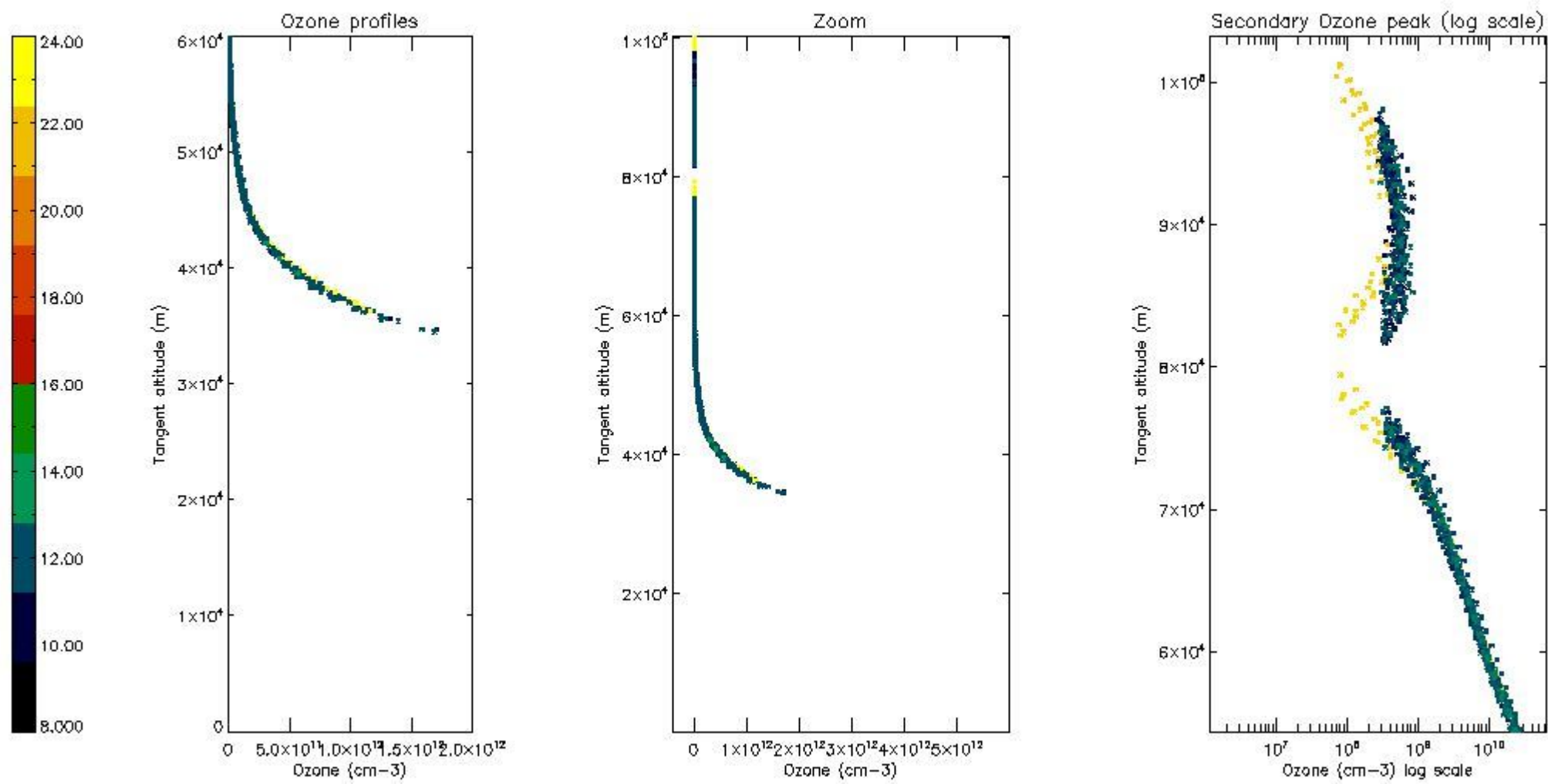
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



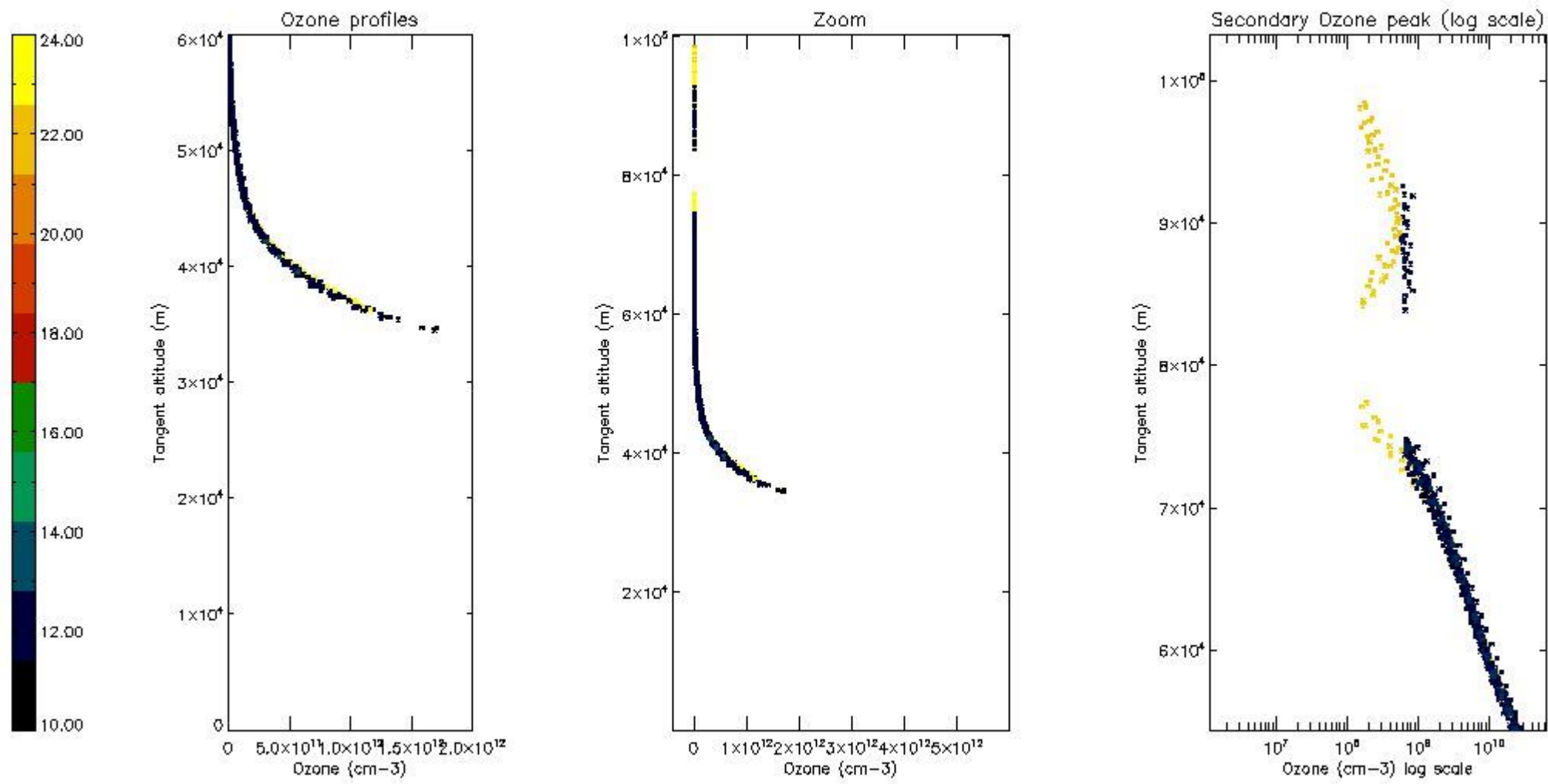
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



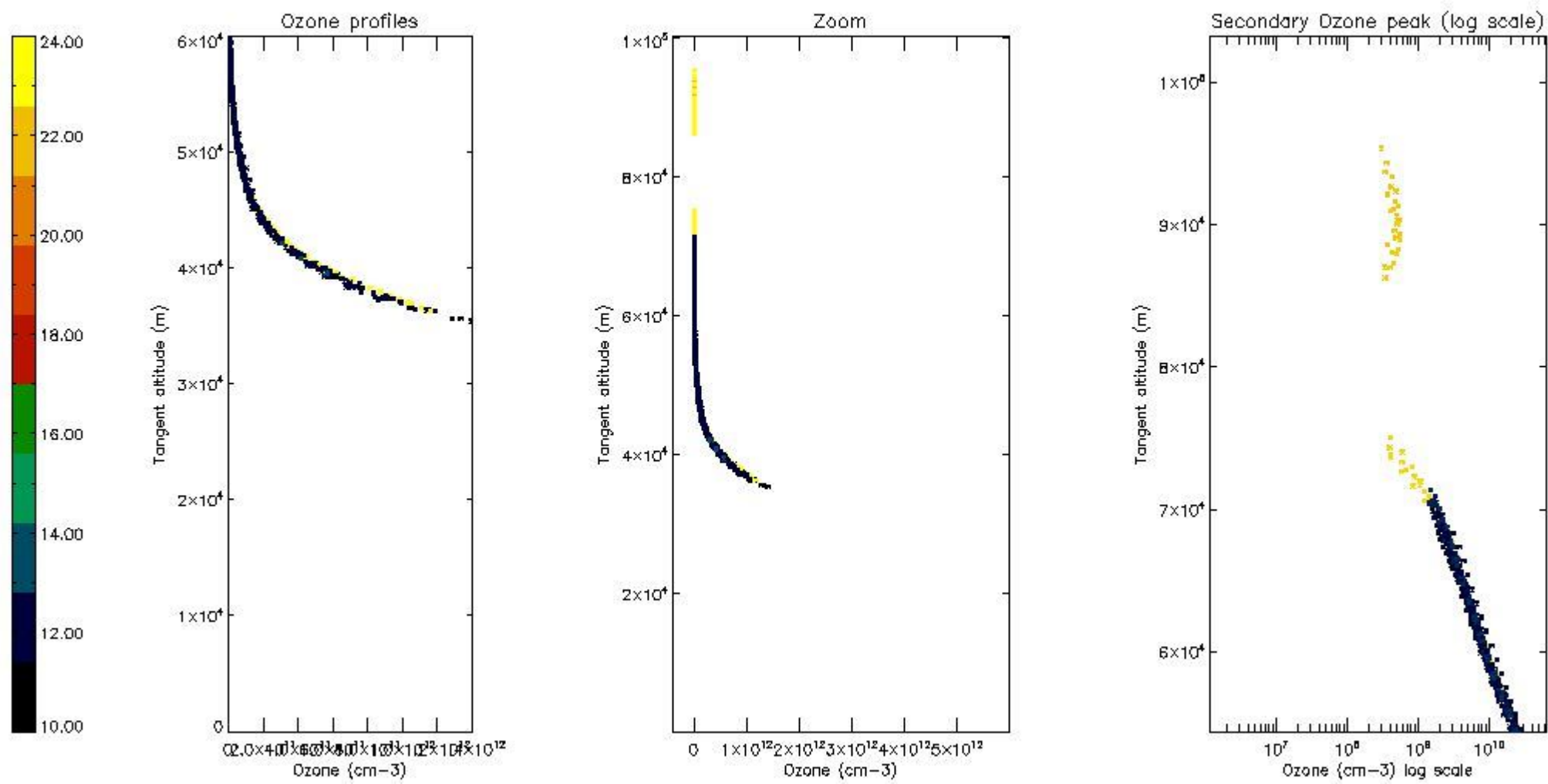
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



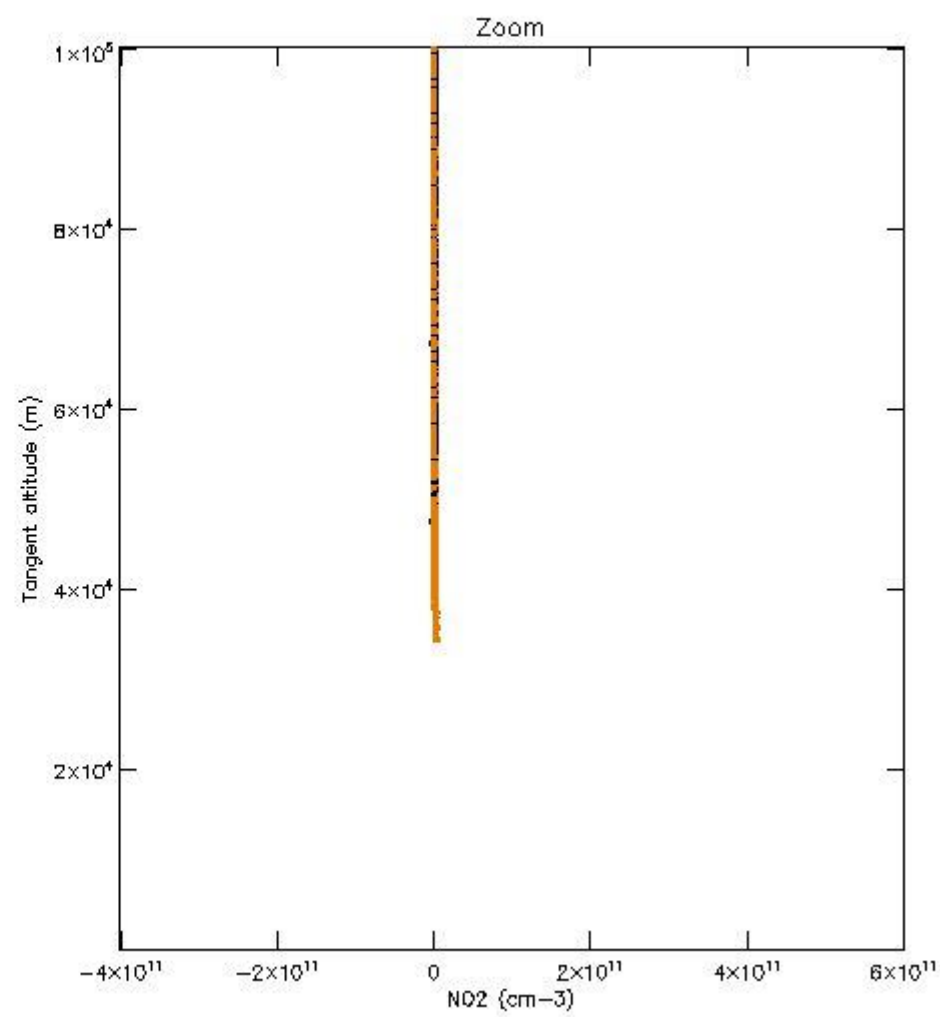
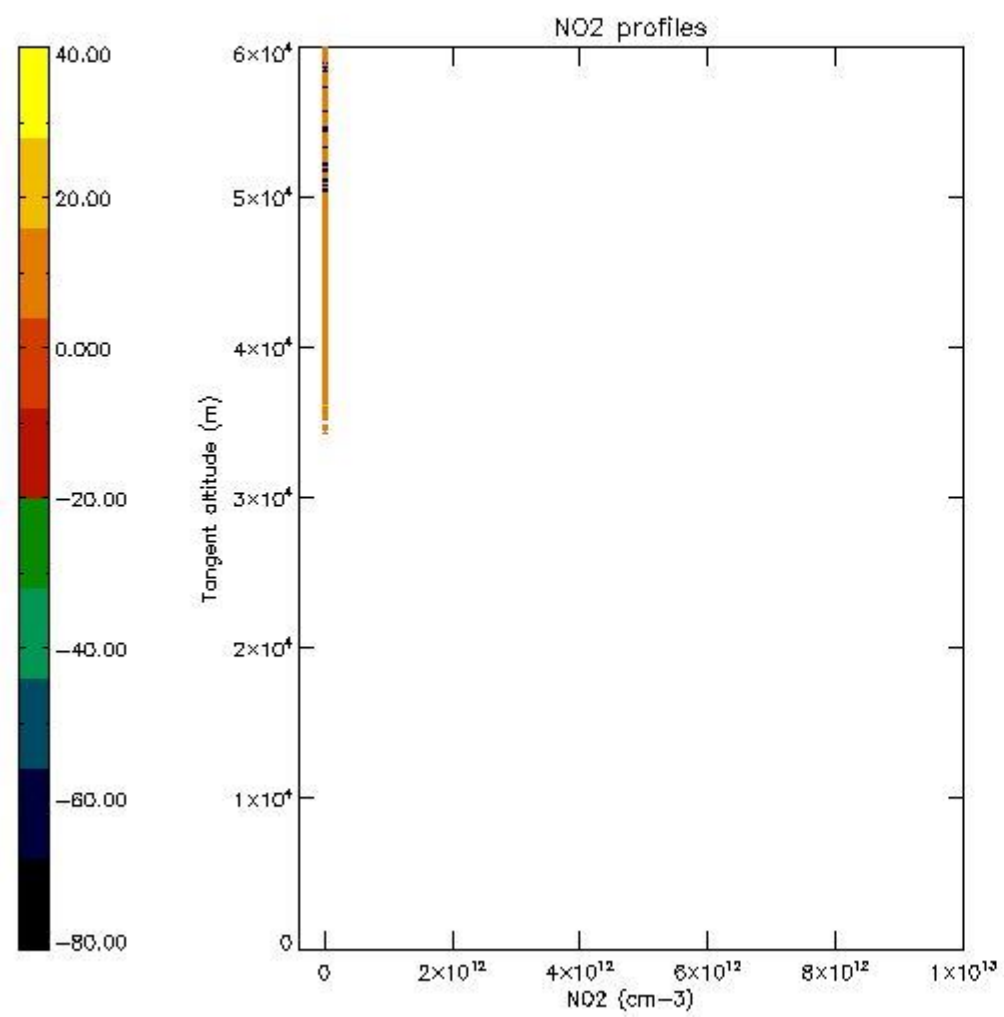
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



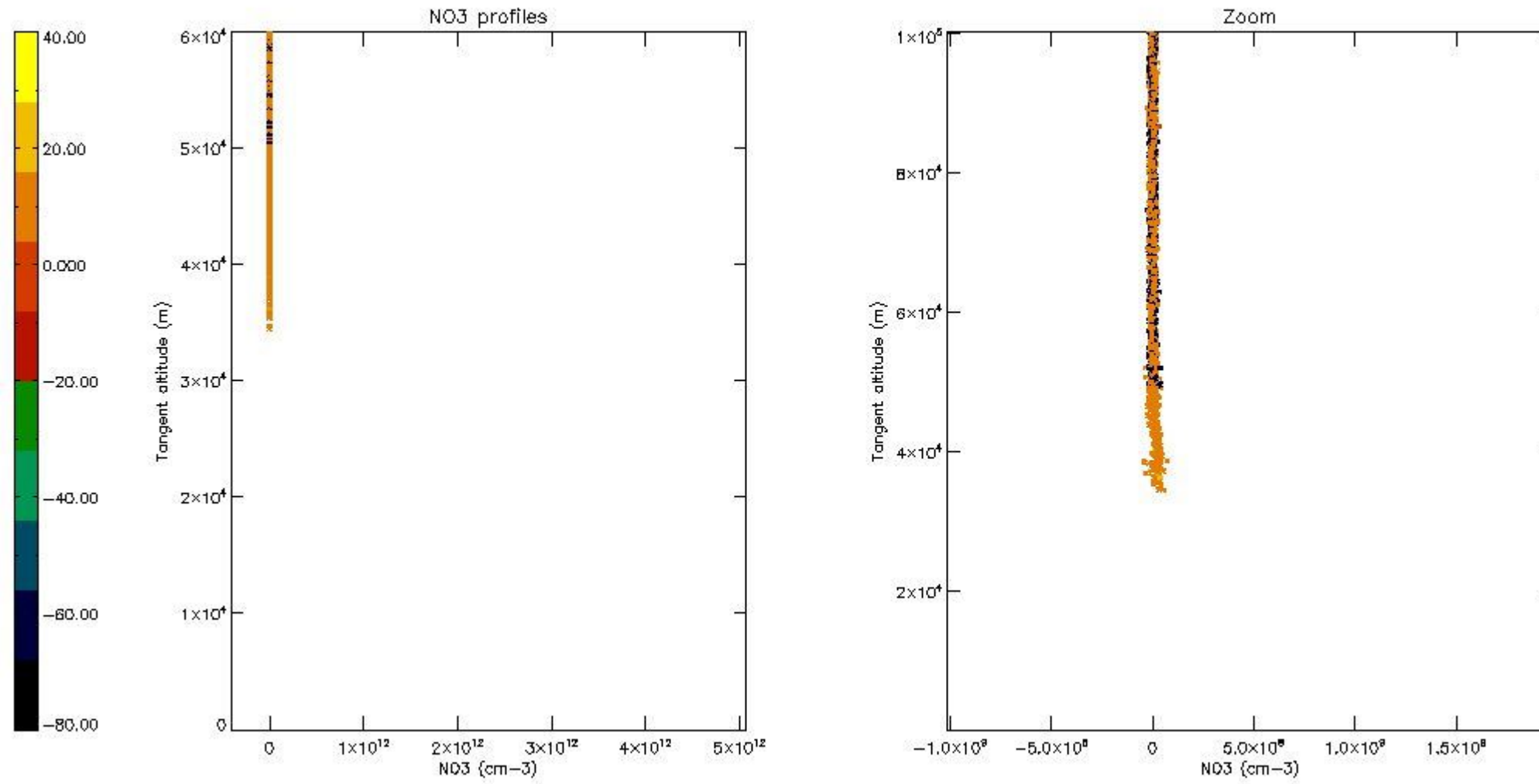
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

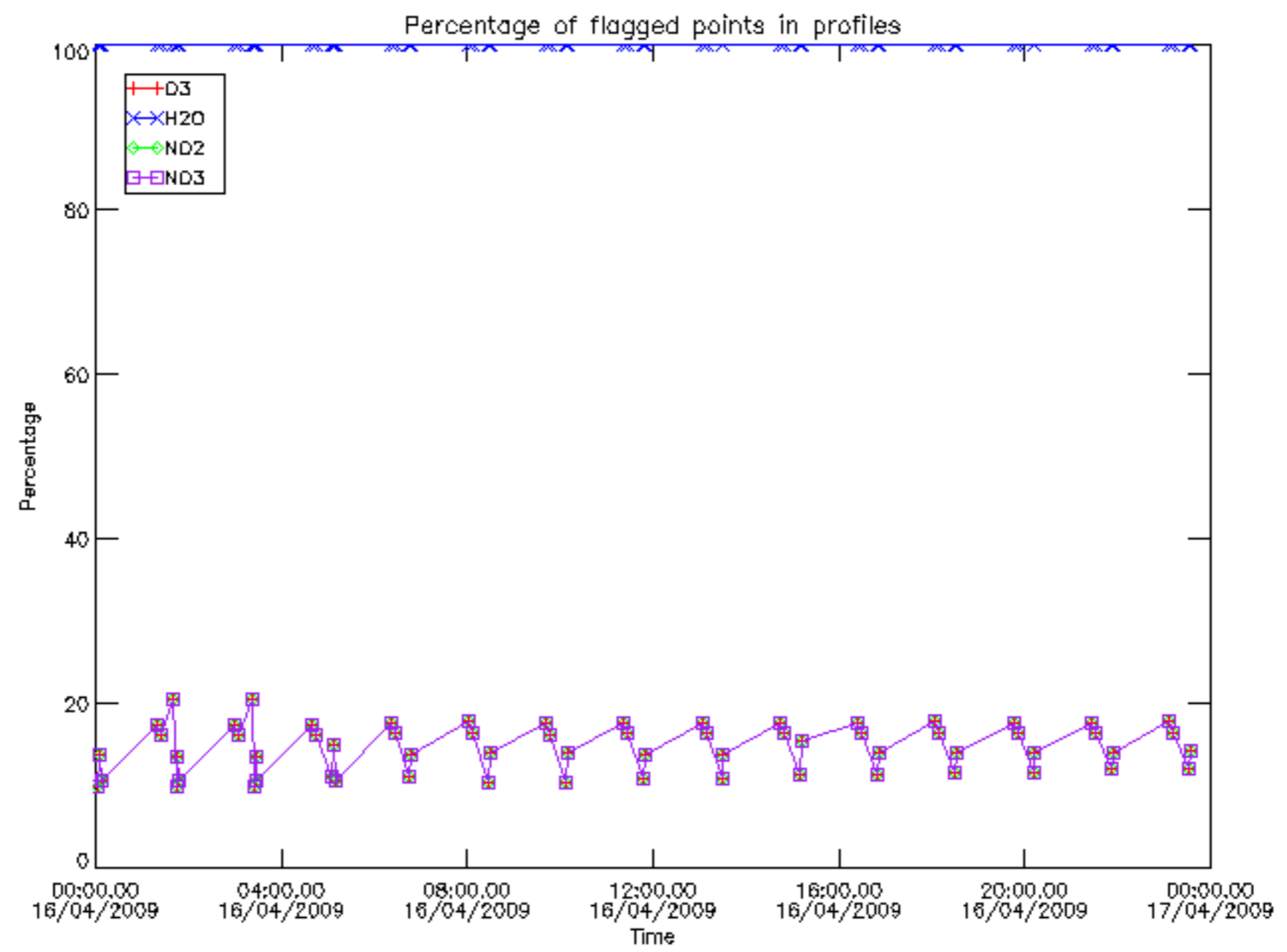
The colorbar represents the latitude.



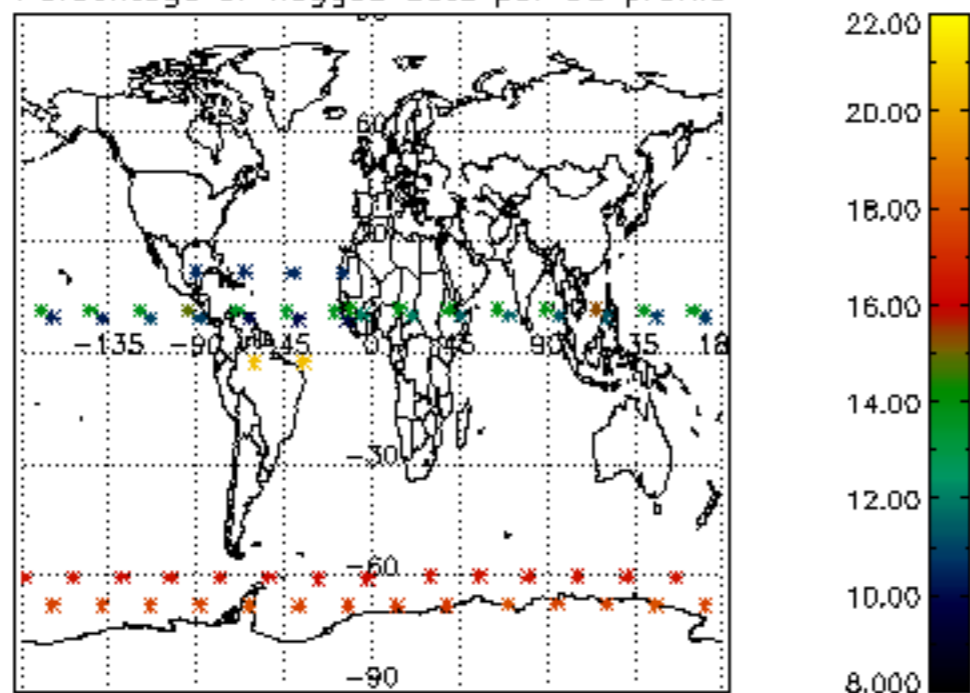
6. Auxiliary Data Files used for the production reported in section 2

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.

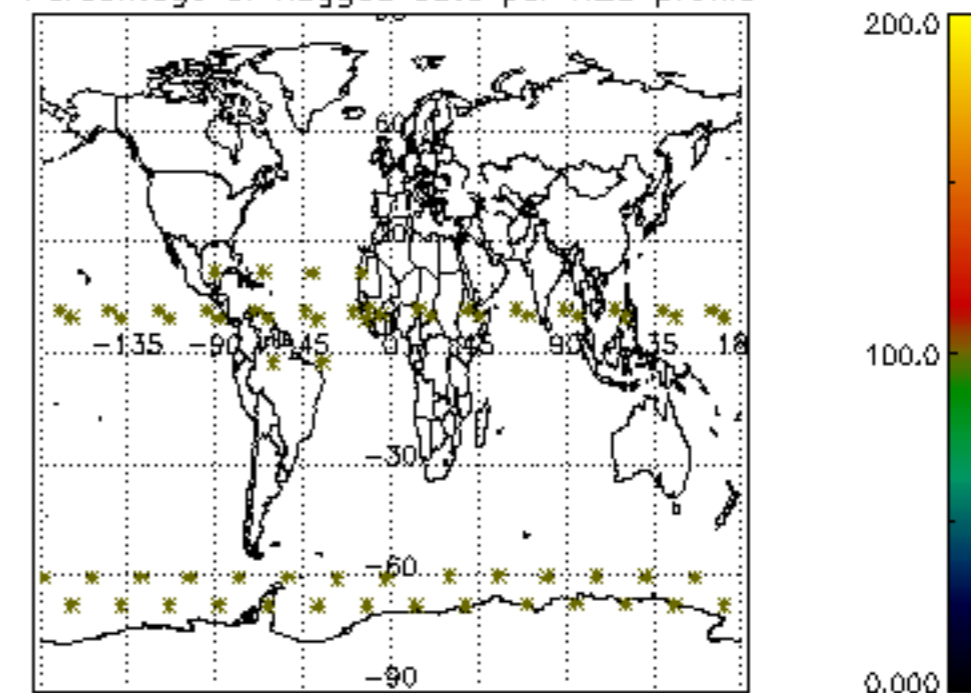
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	16-APR-2009 00:03:32
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	16-APR-2009 00:03:32
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	16-APR-2009 00:03:32



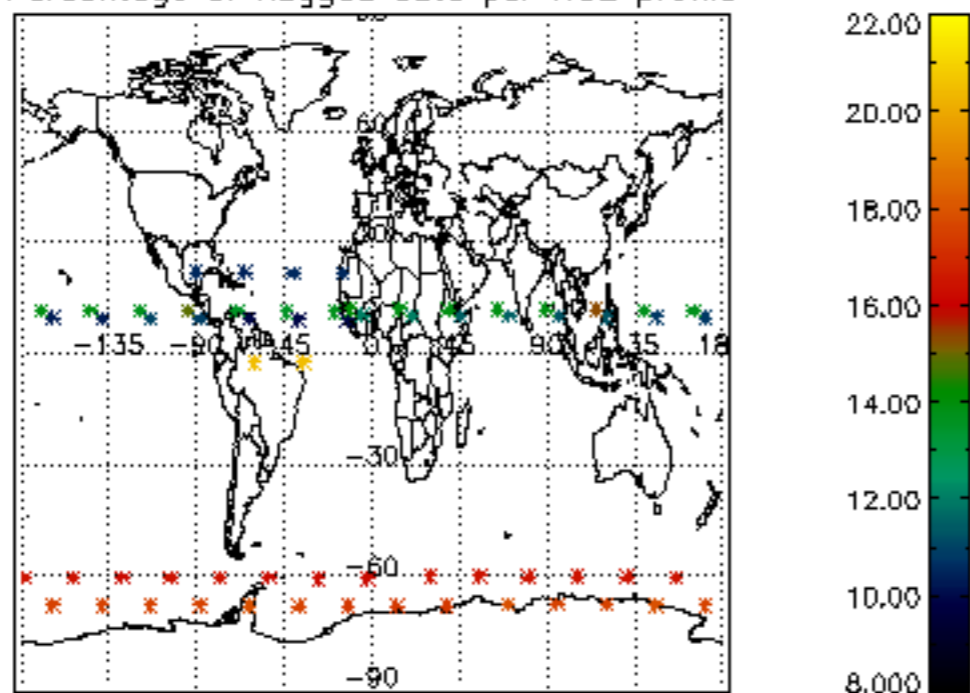
Percentage of flagged data per D3 profile



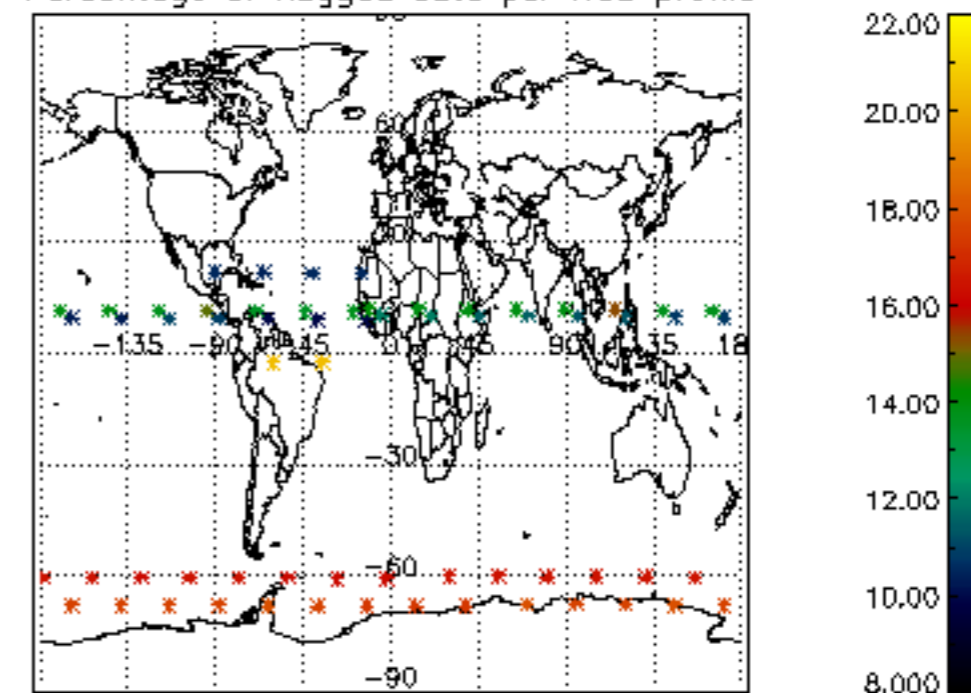
Percentage of flagged data per H2O profile

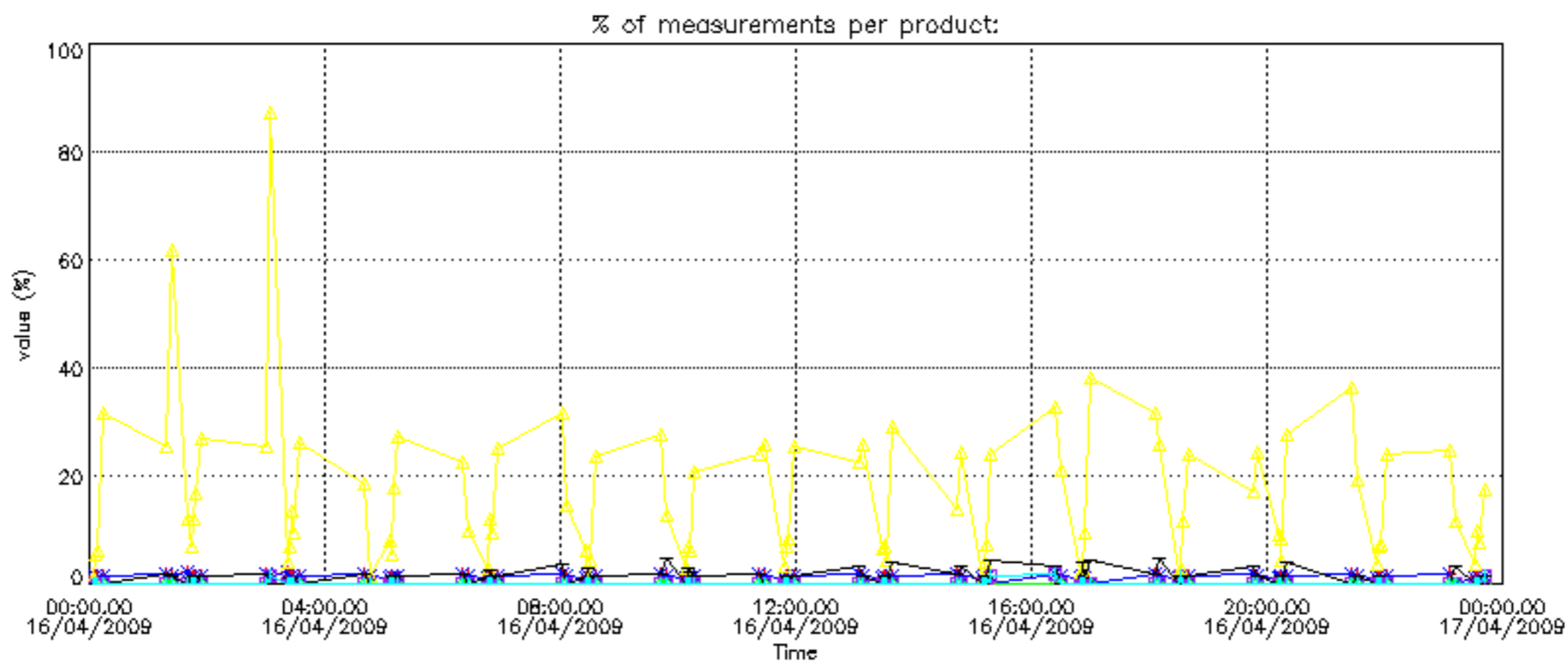


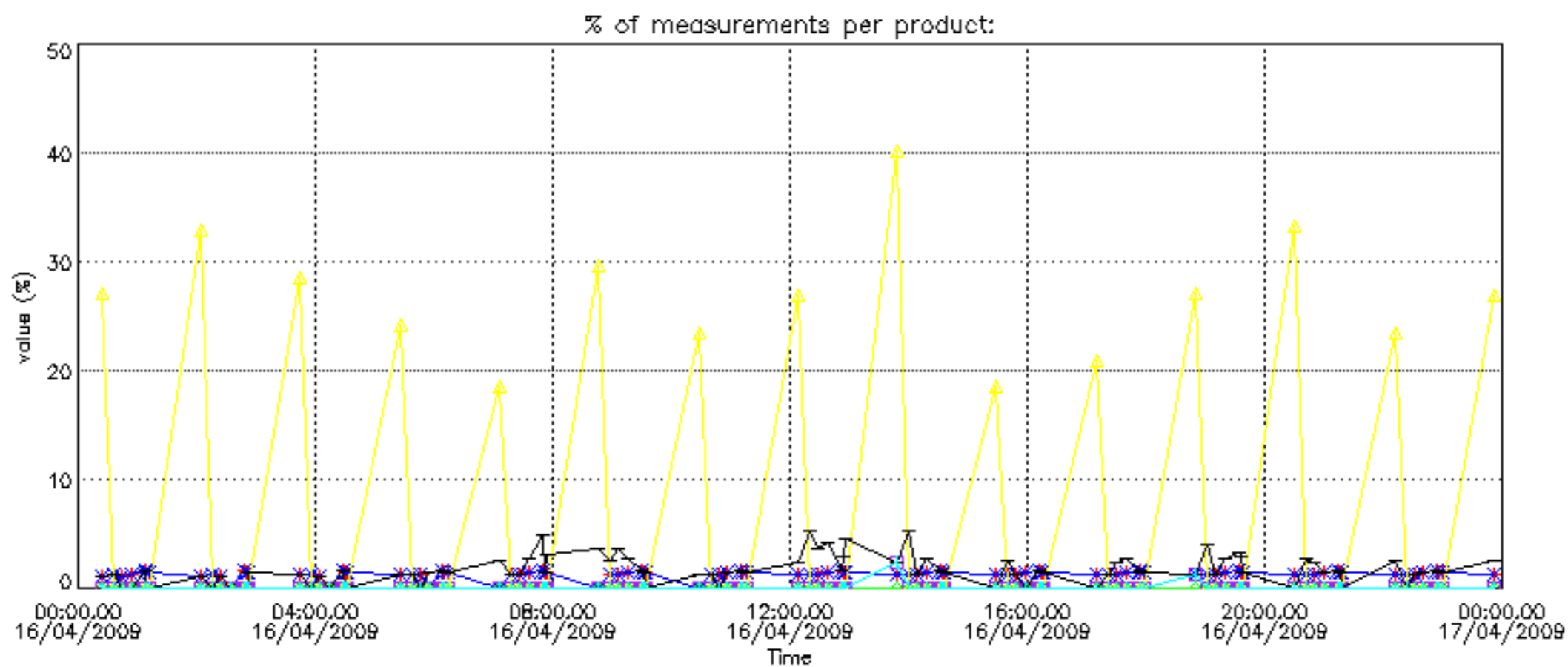
Percentage of flagged data per NO2 profile



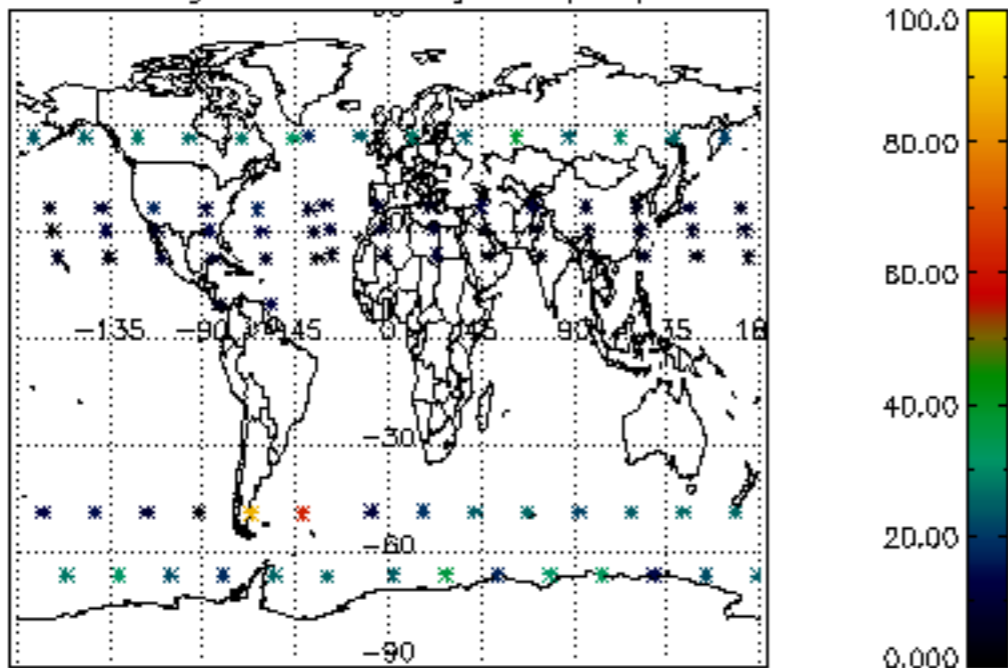
Percentage of flagged data per NO3 profile



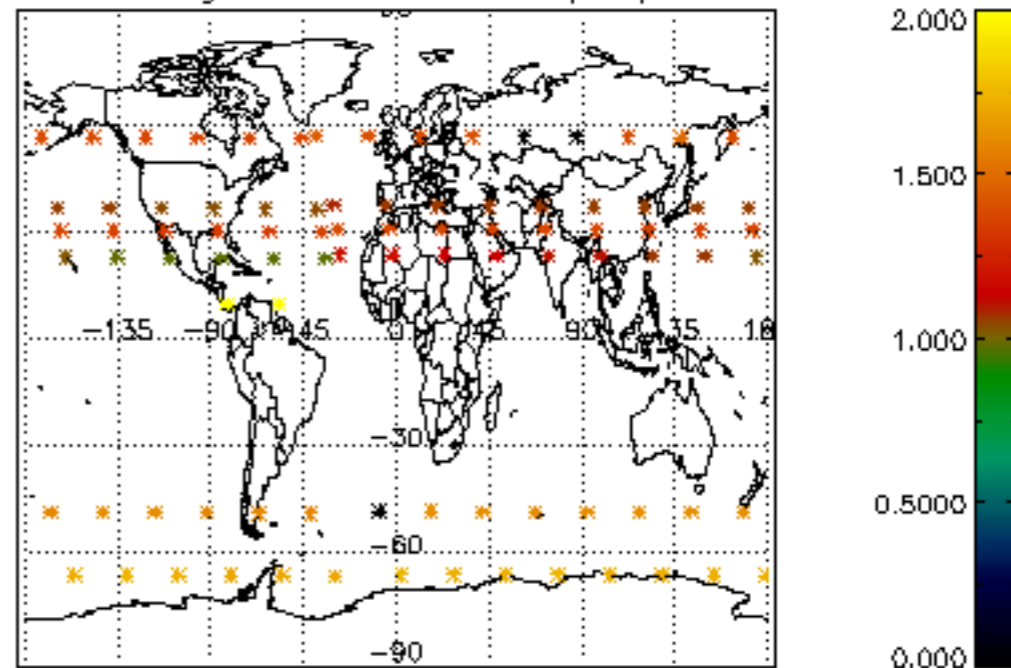




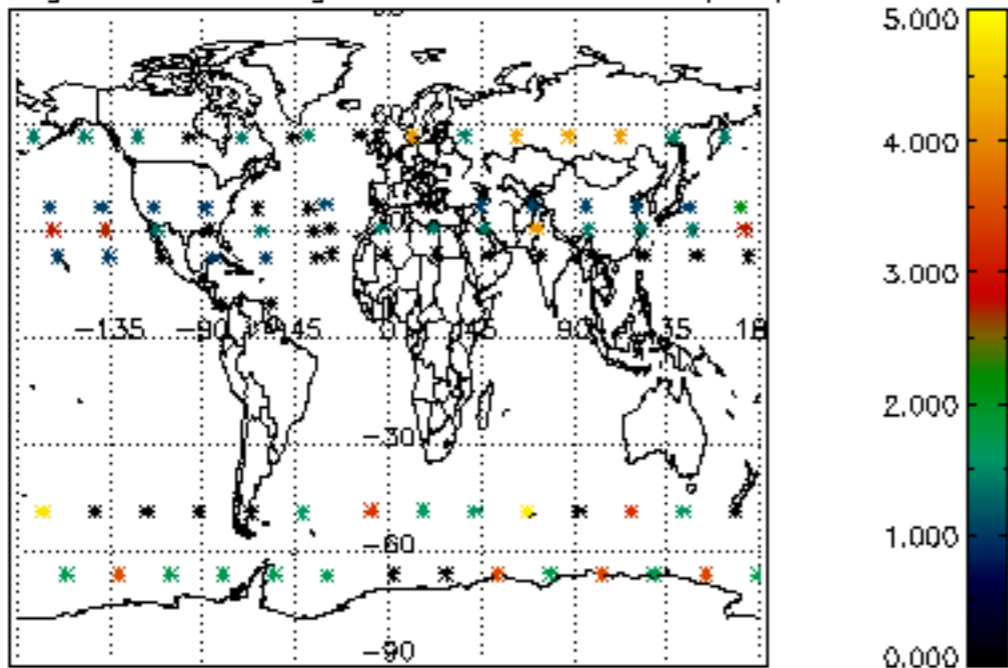
Percentage of cosmic ray hits per profile



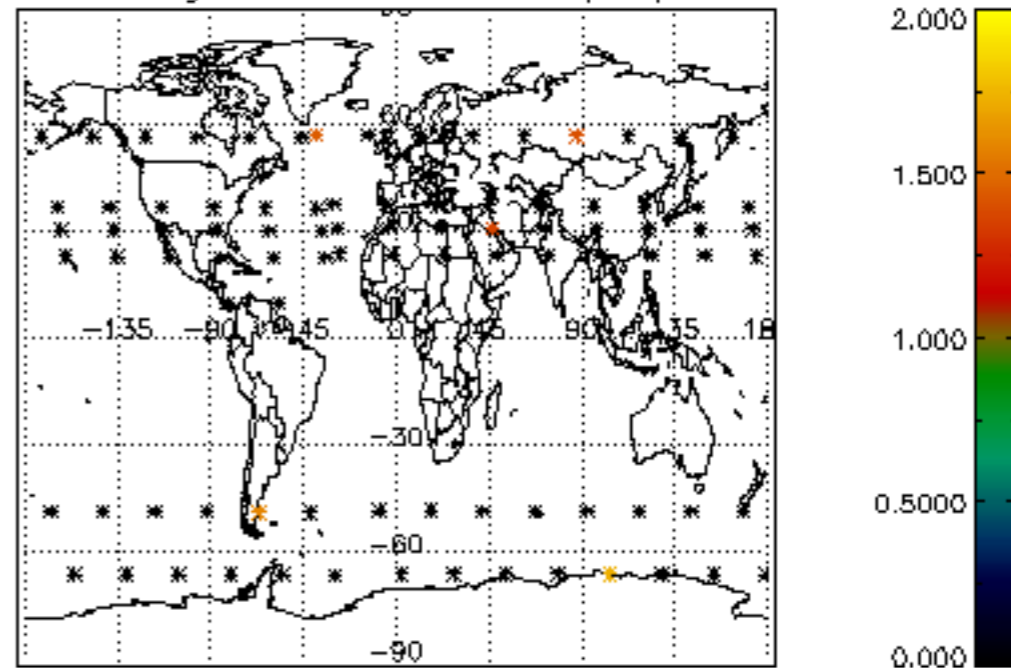
Percentage of datation errors per profile



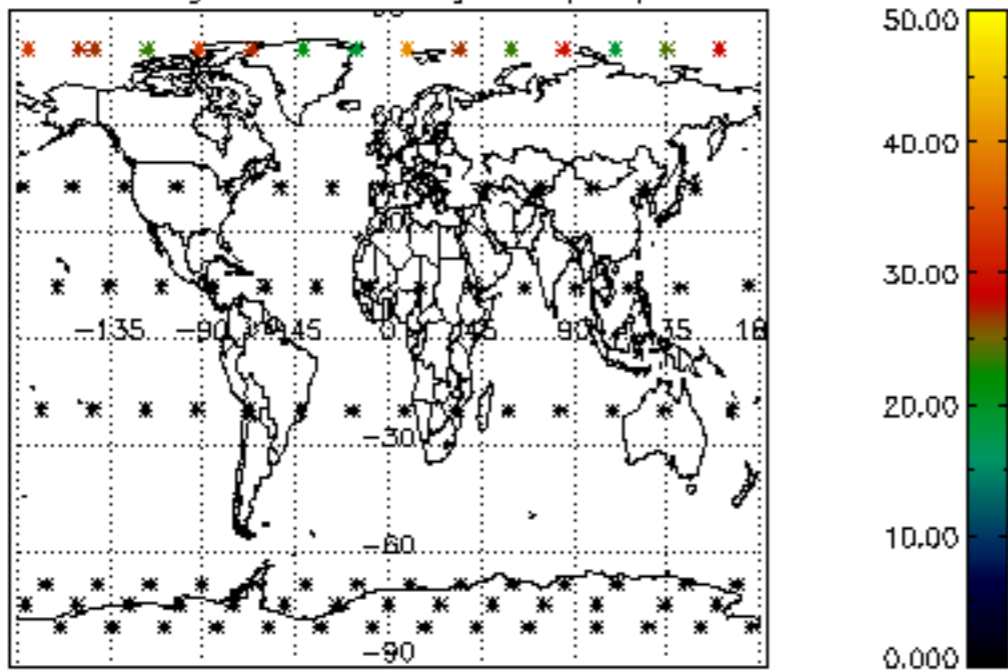
Percentage of star falling outside central band per profile



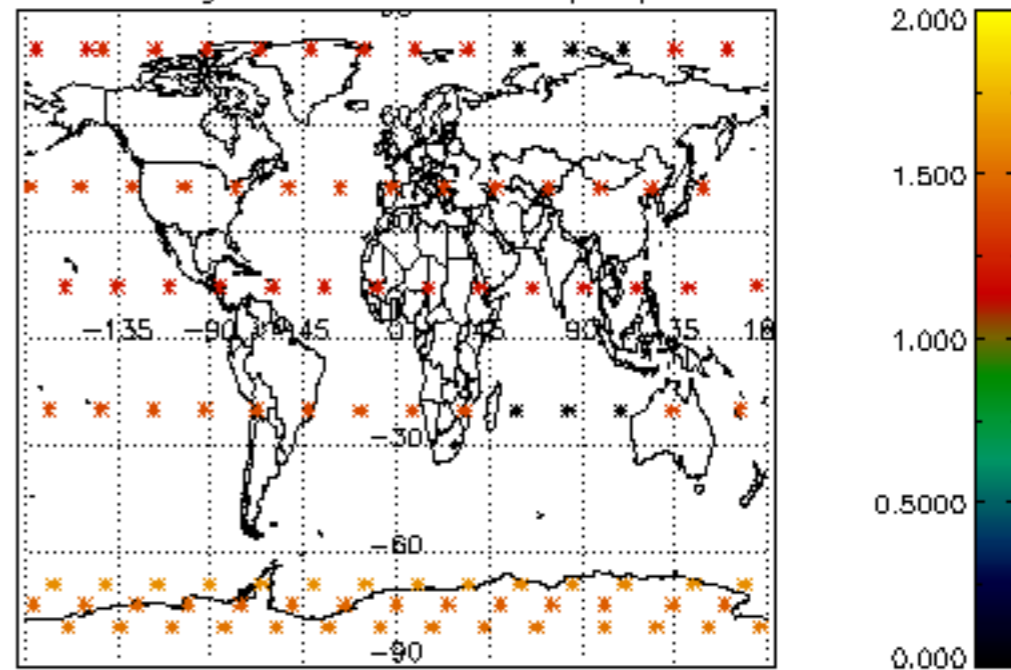
Percentage of saturation errors per profile



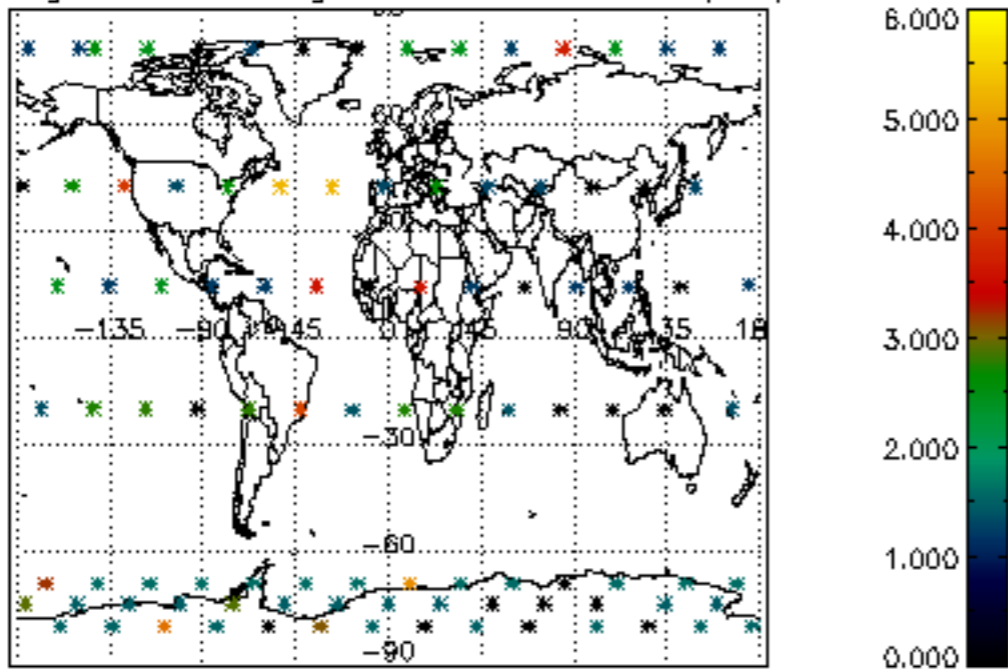
Percentage of cosmic ray hits per profile



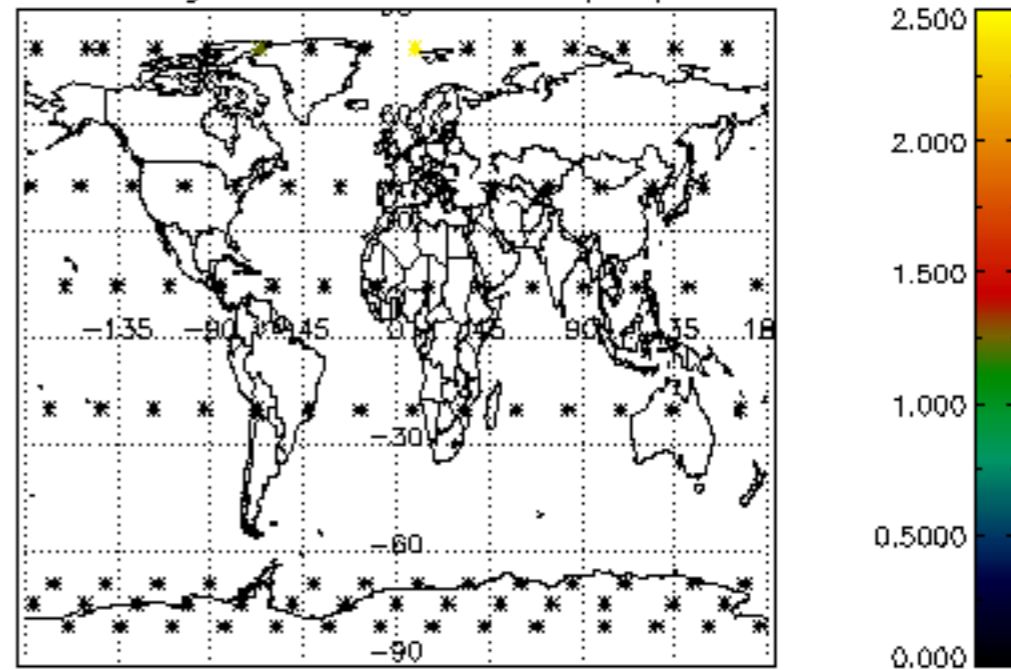
Percentage of datation errors per profile

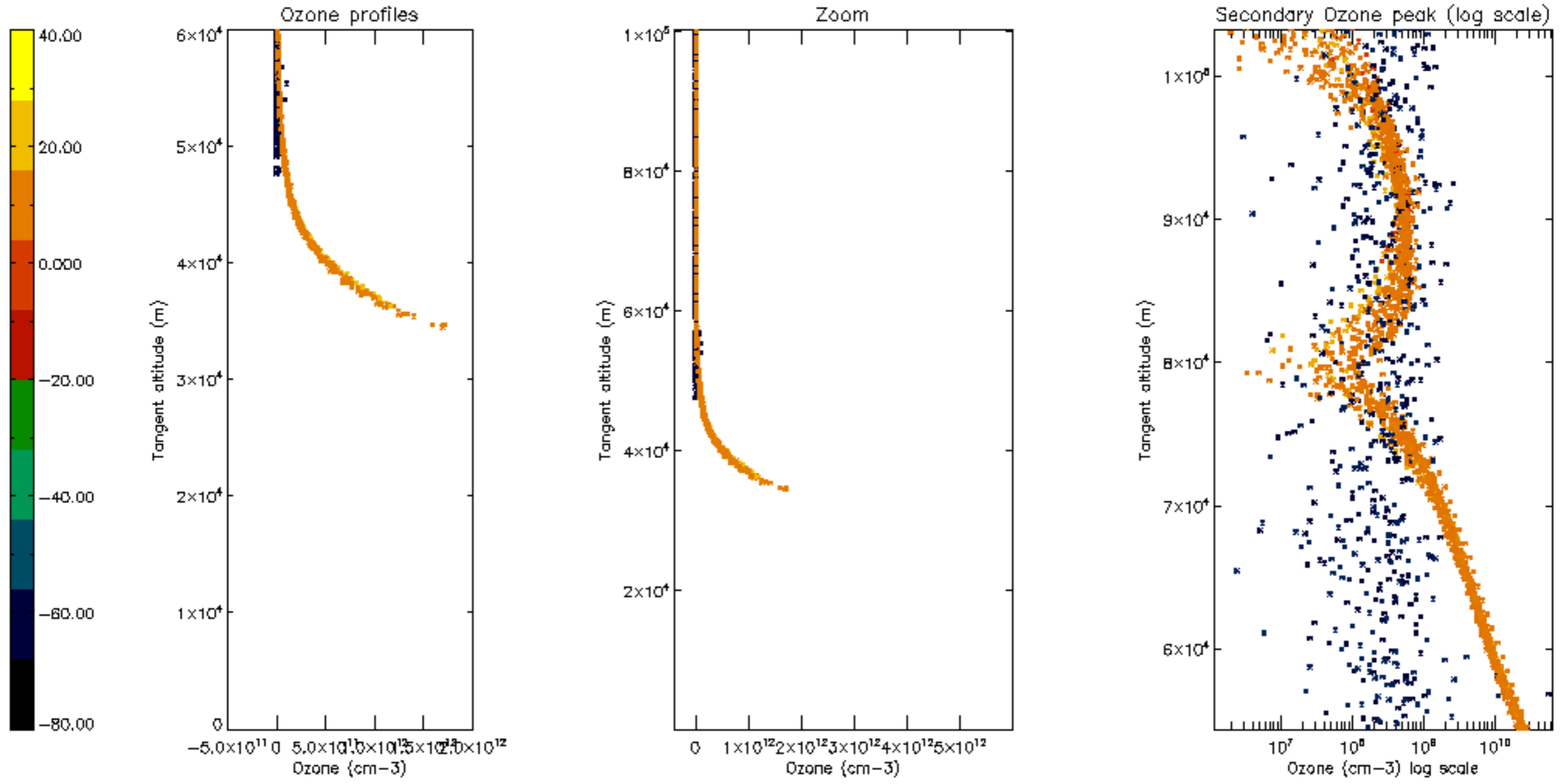


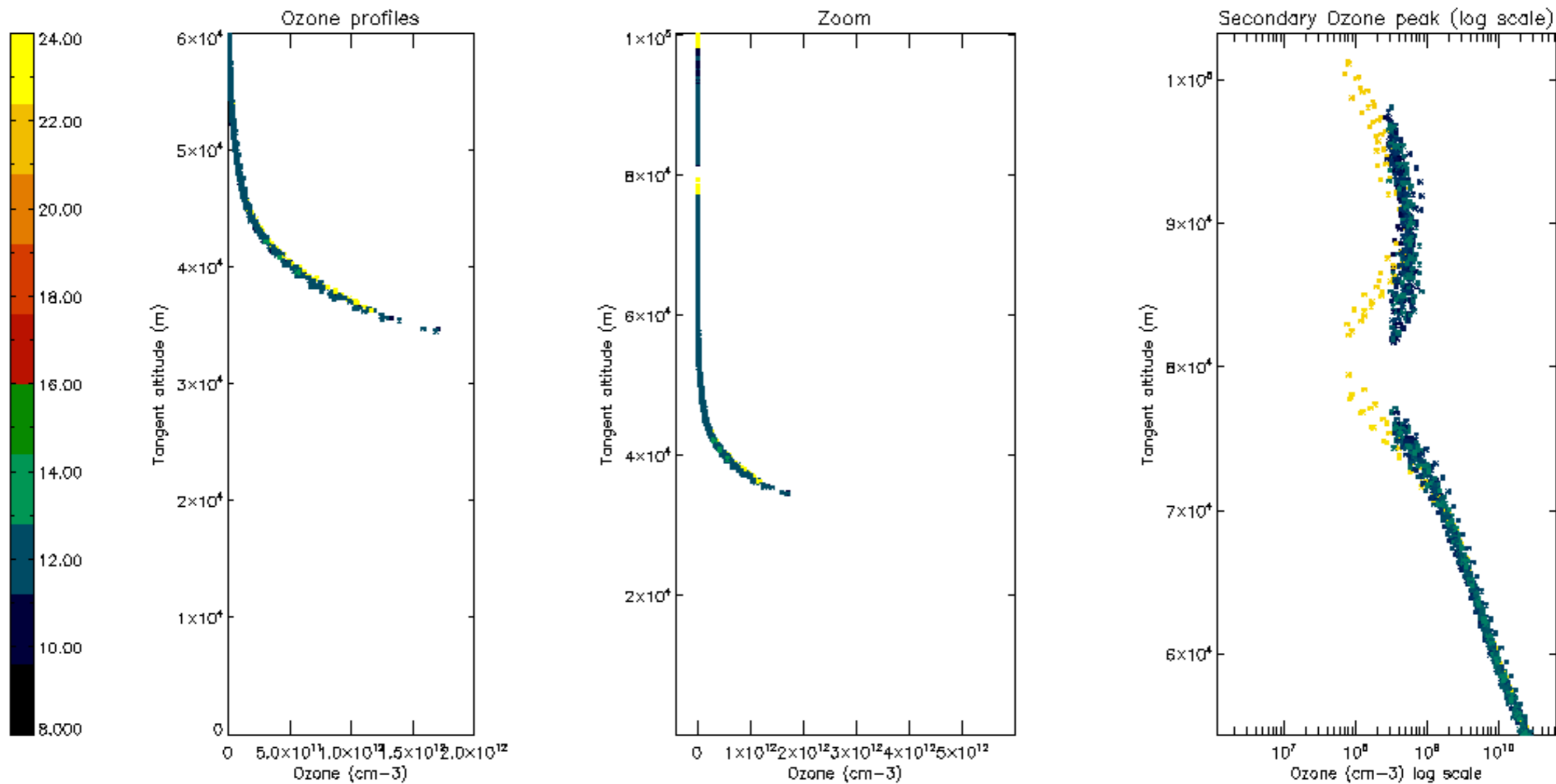
Percentage of star falling outside central band per profile

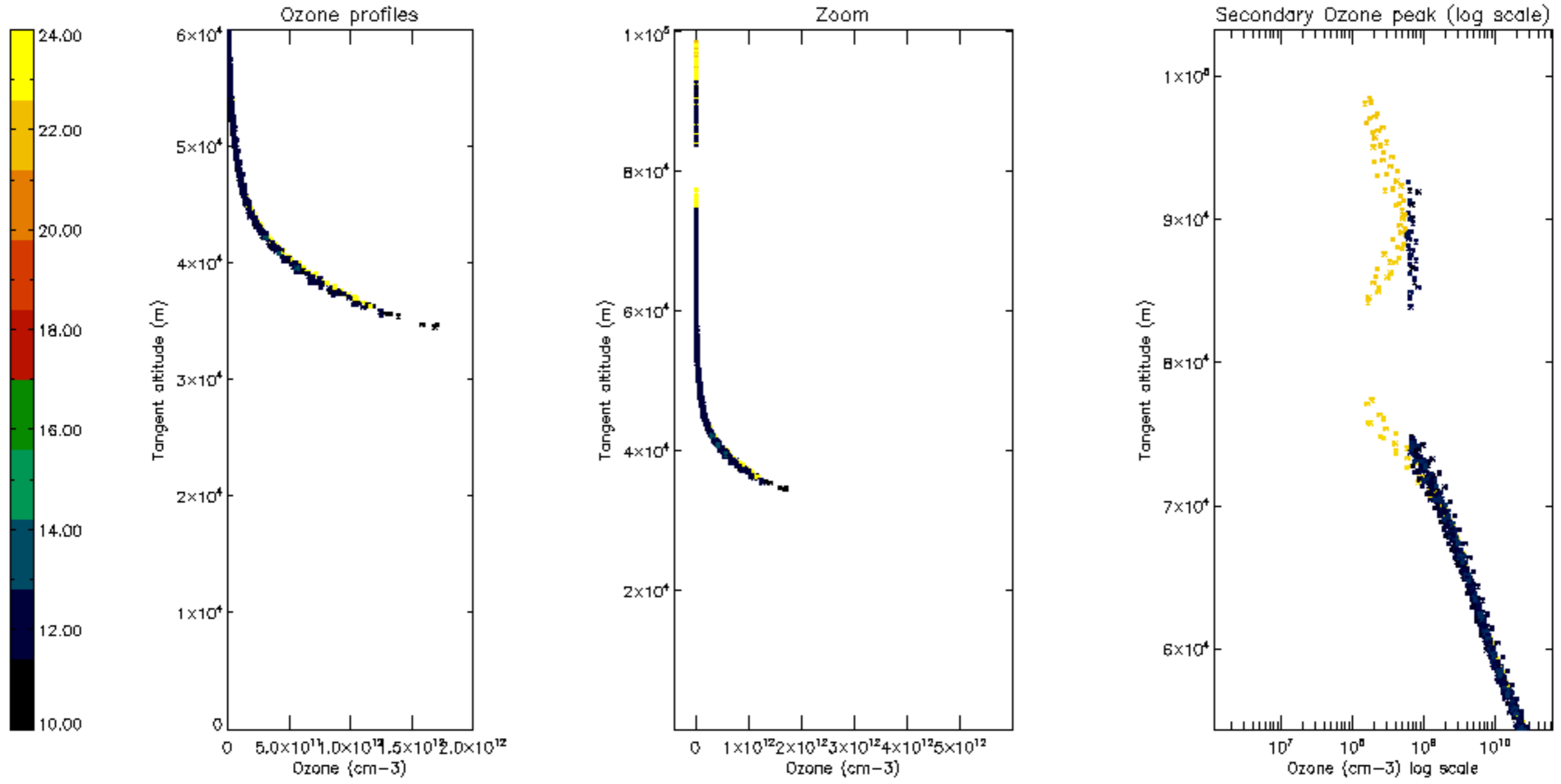


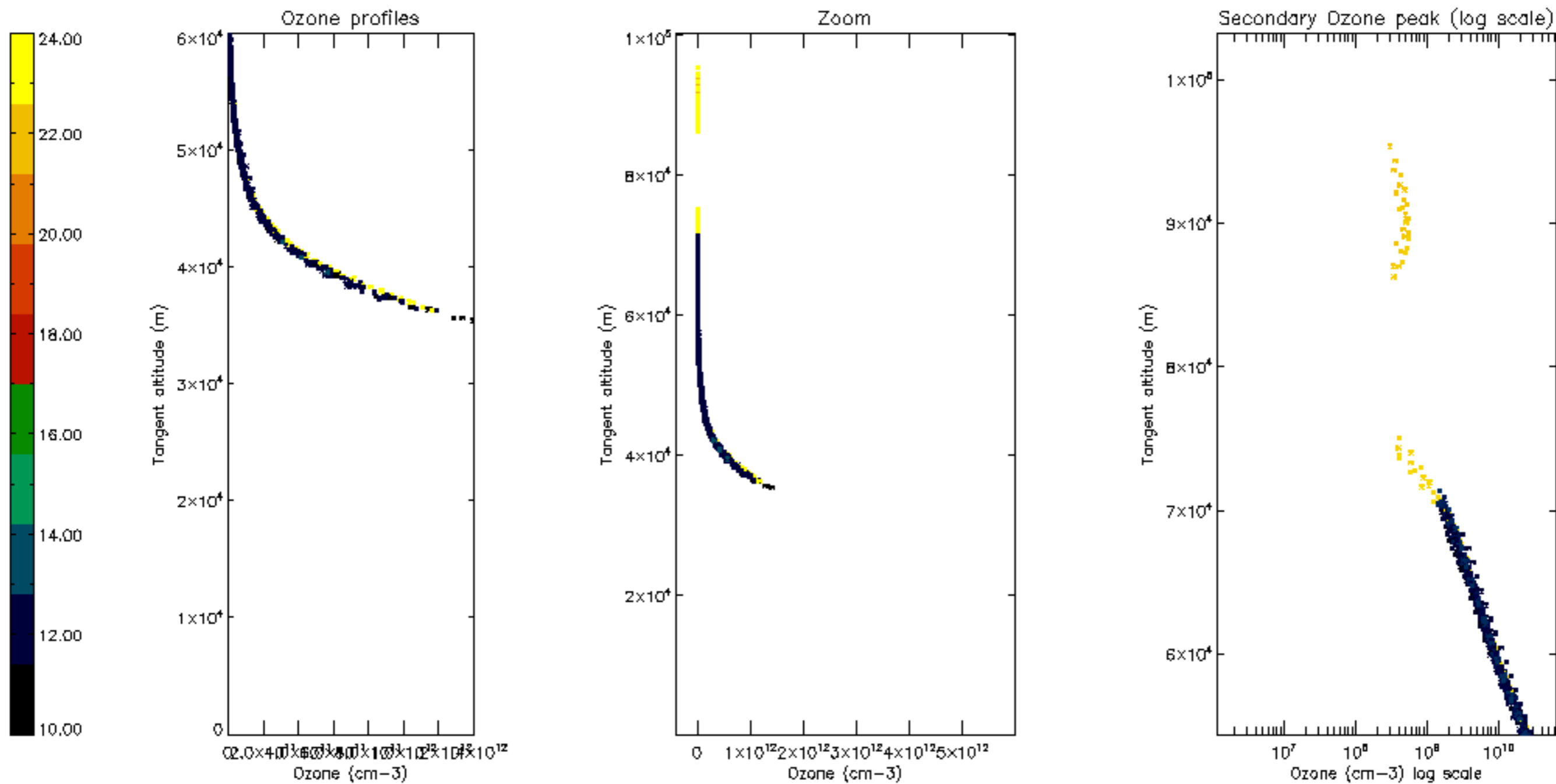
Percentage of saturation errors per profile

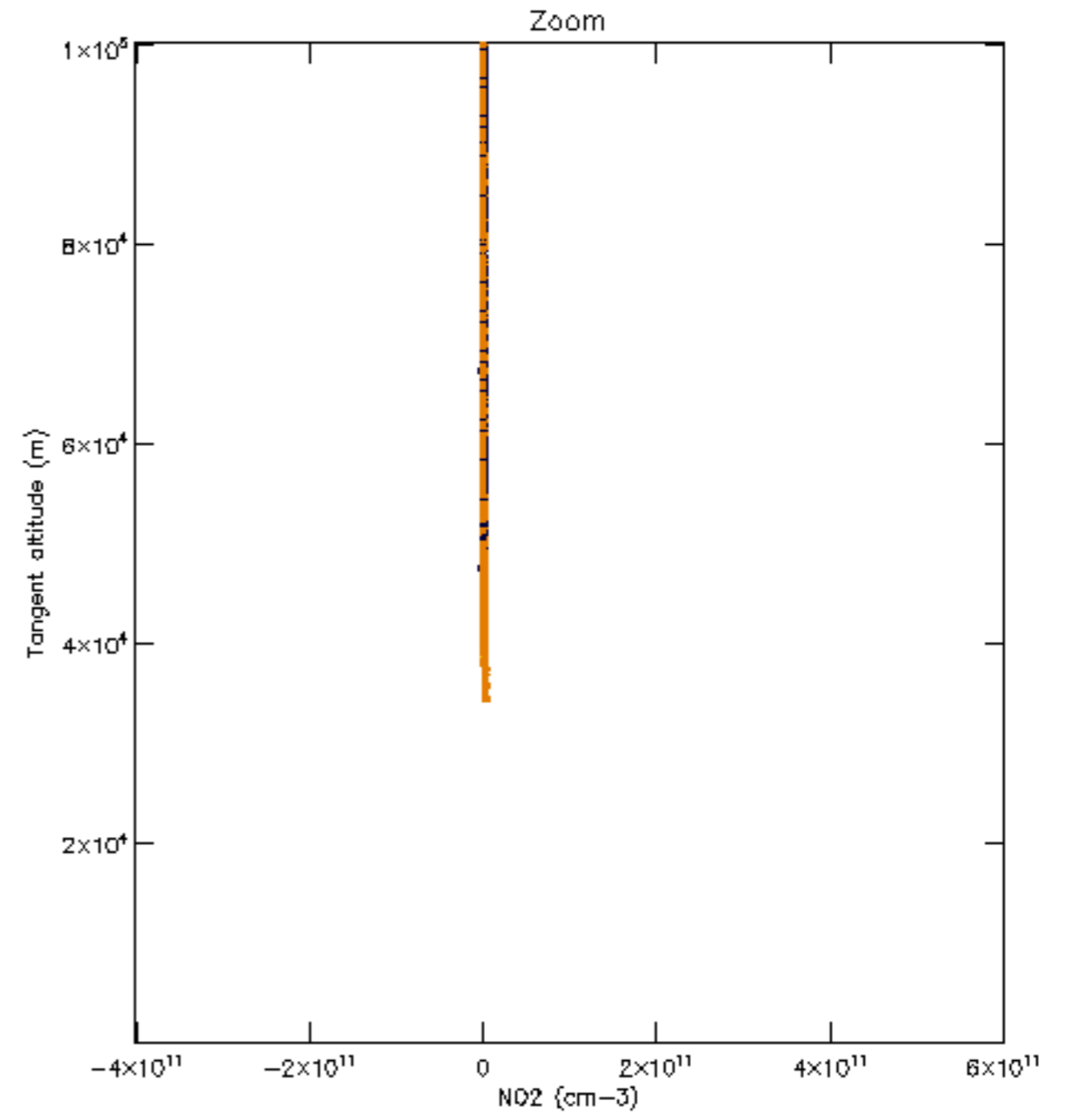
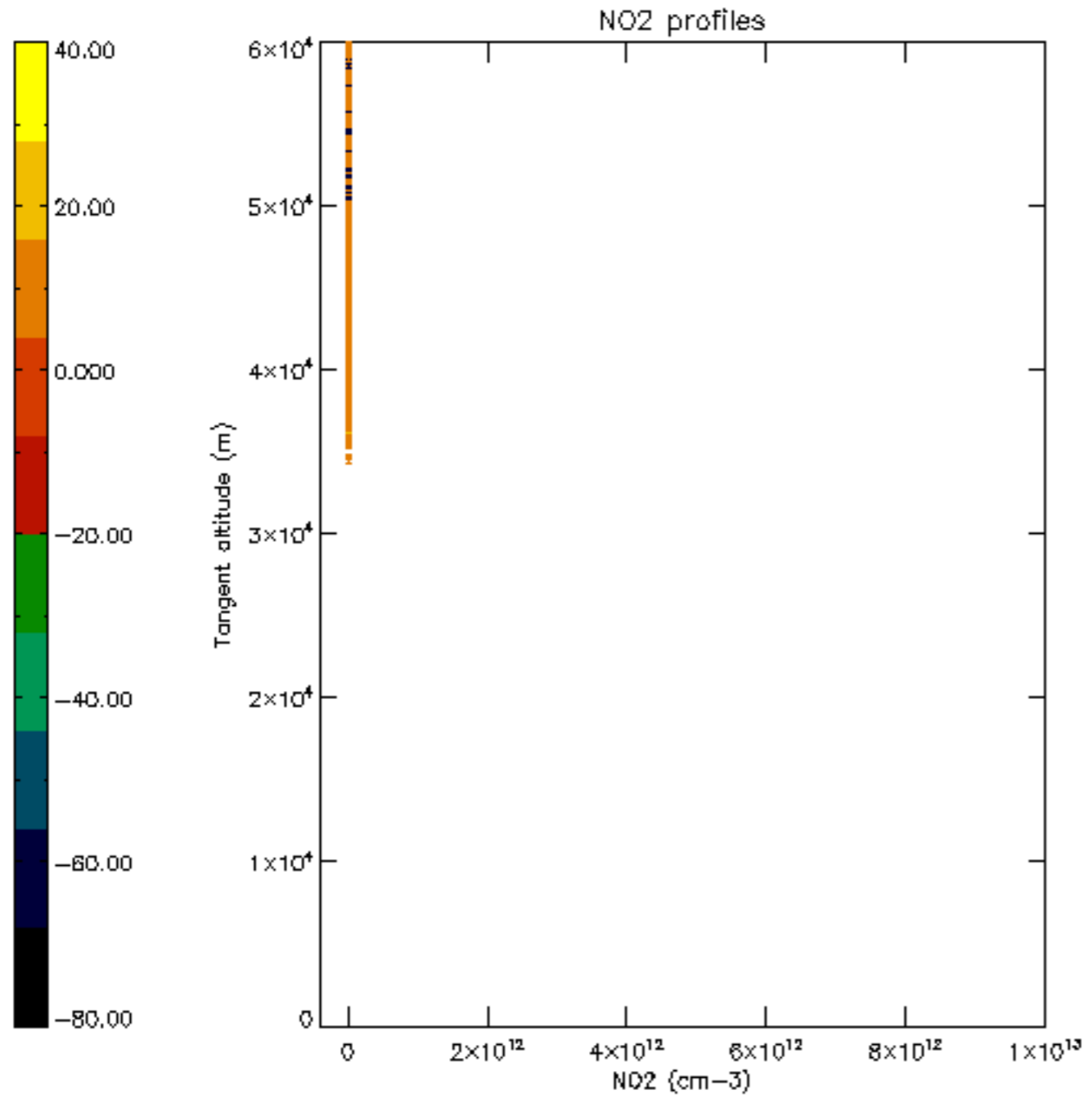


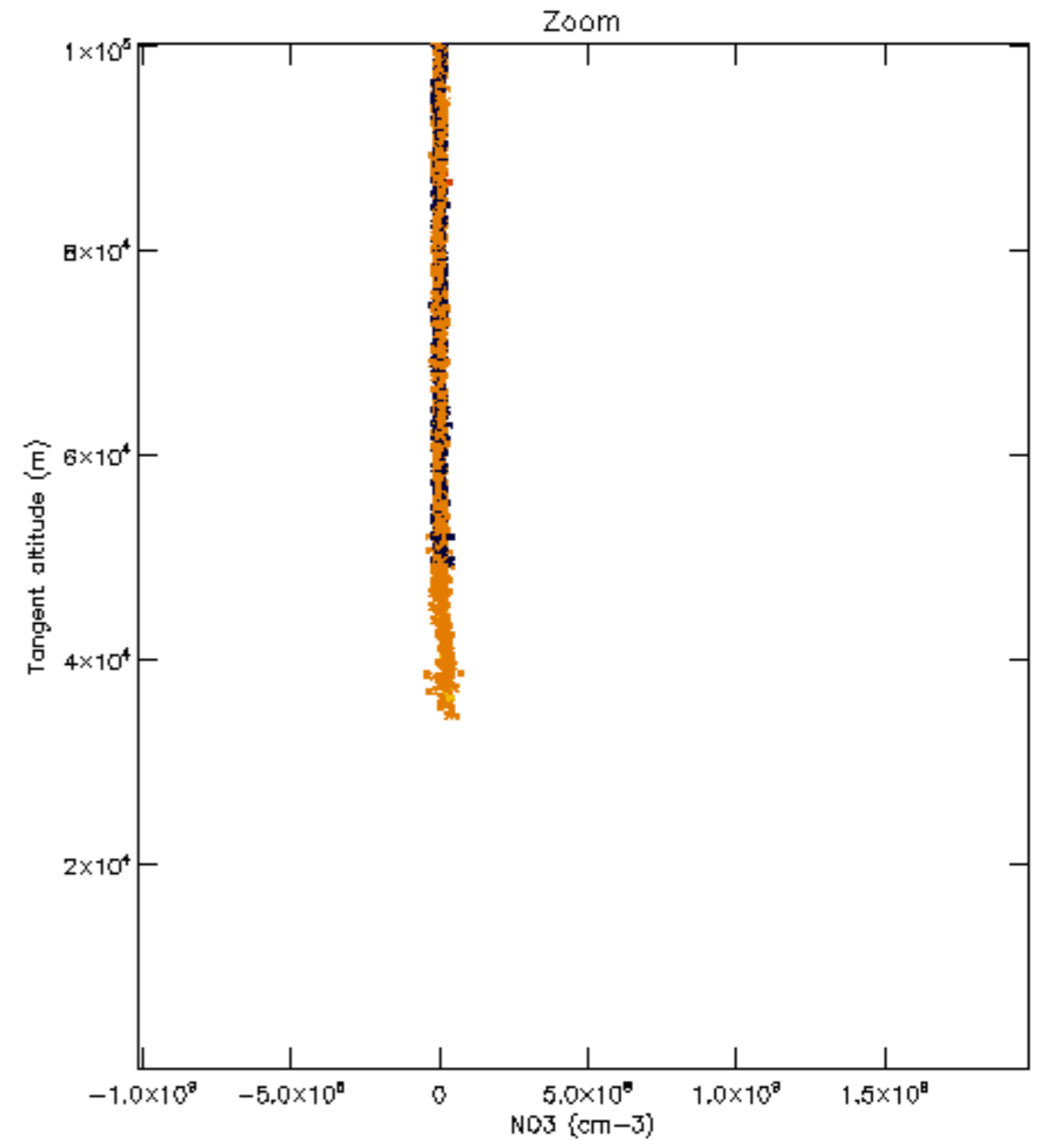
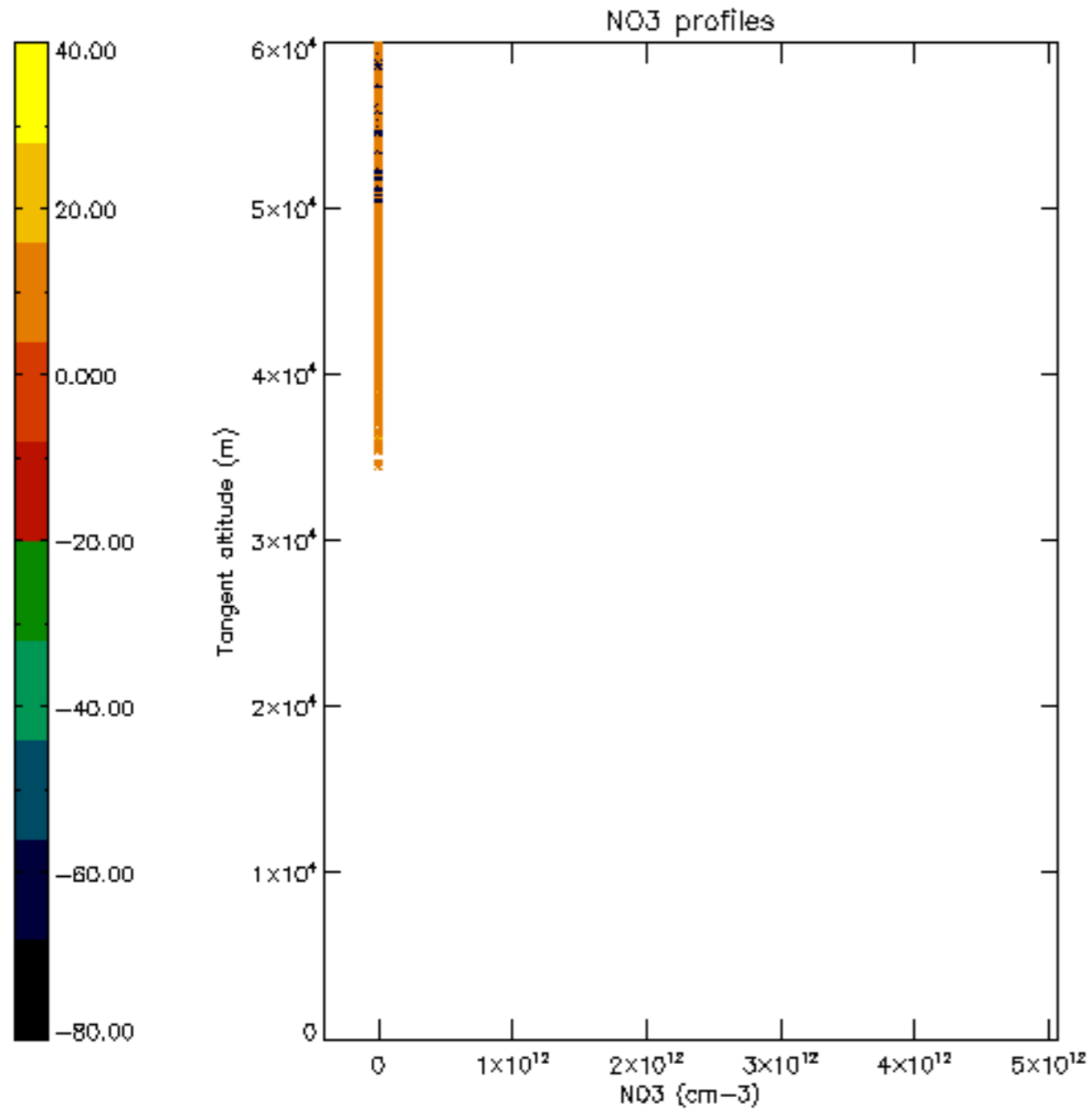


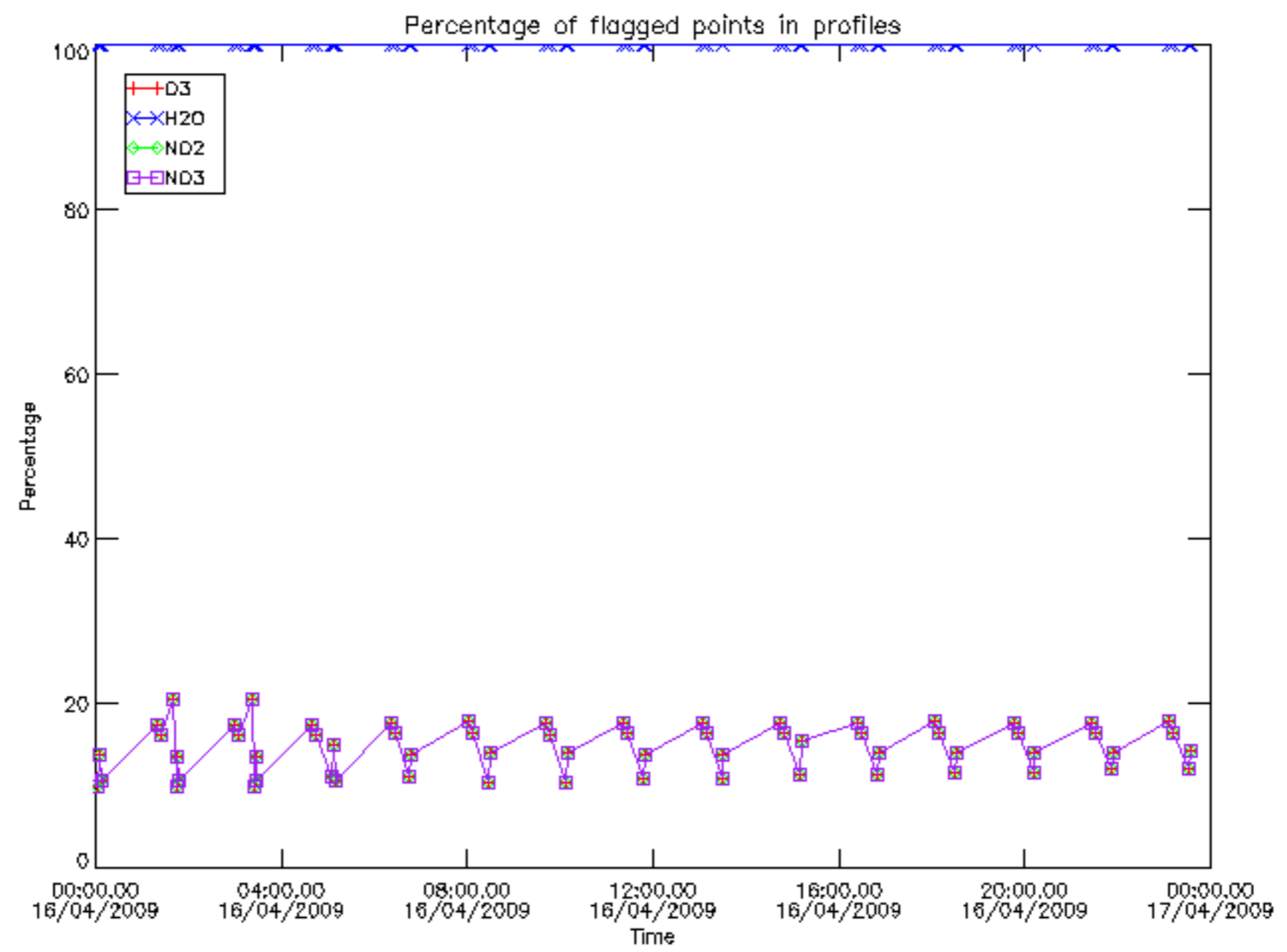




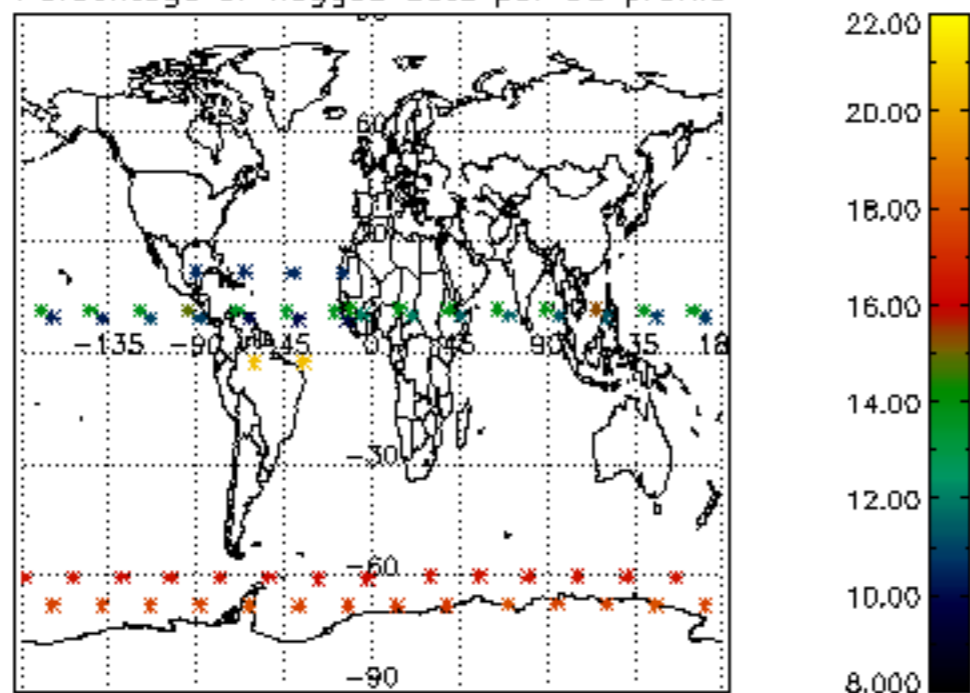




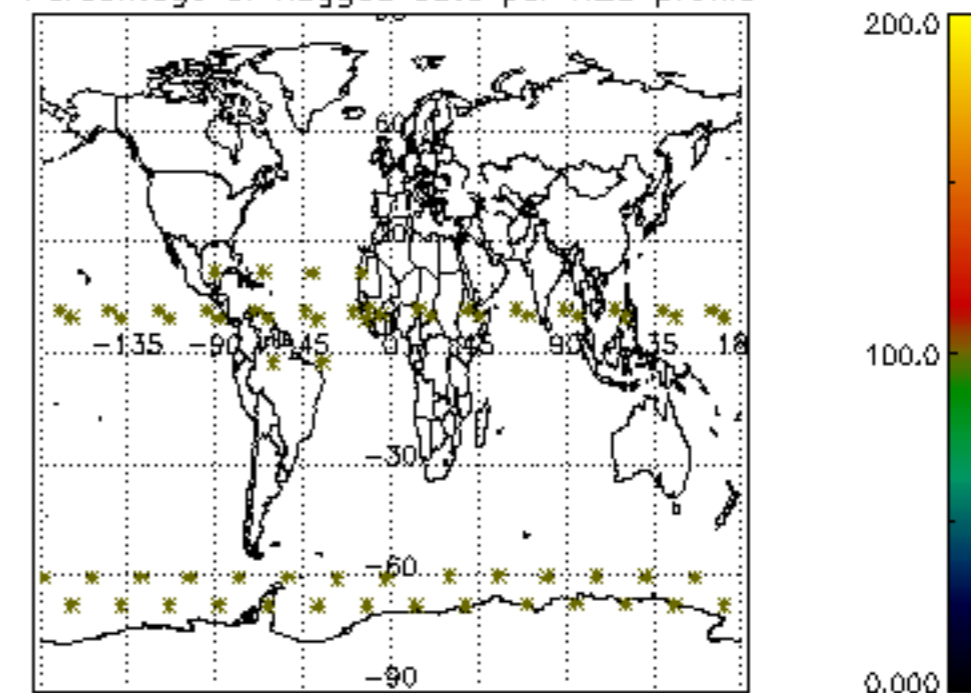




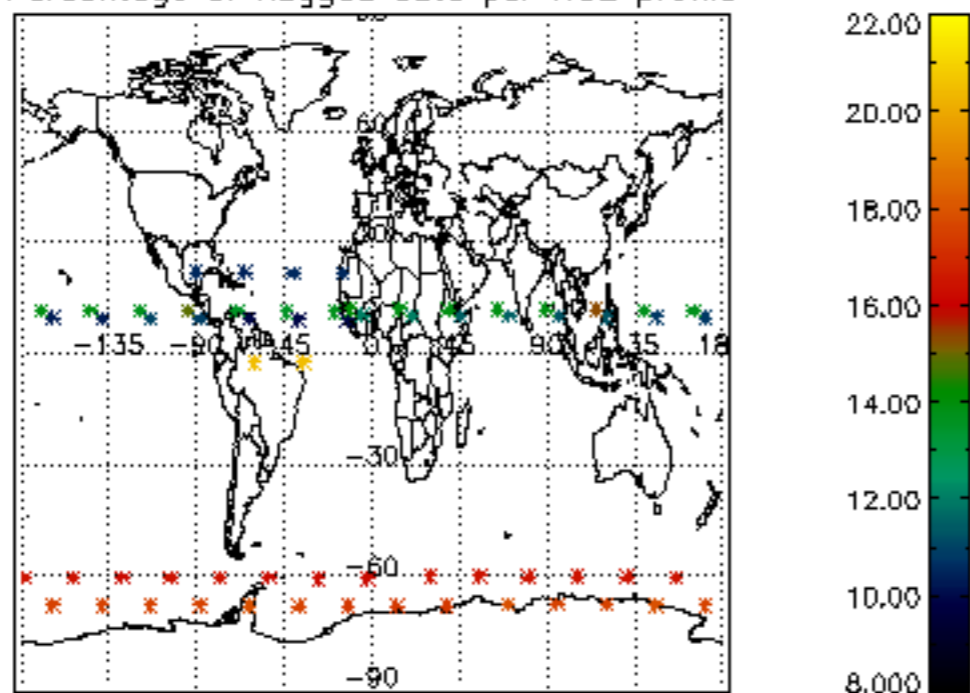
Percentage of flagged data per D3 profile



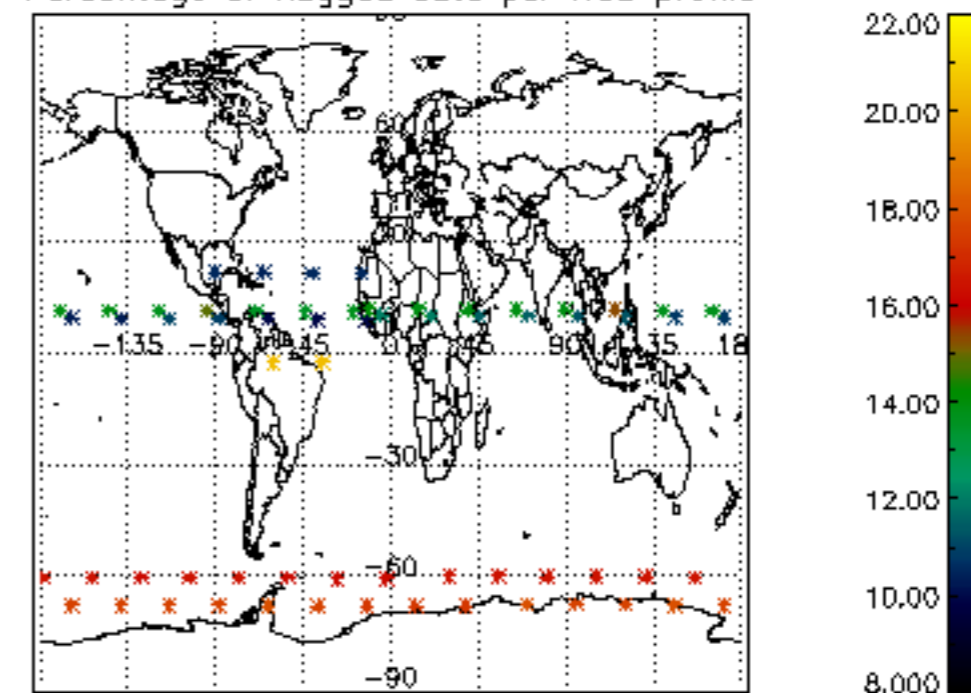
Percentage of flagged data per H2O profile

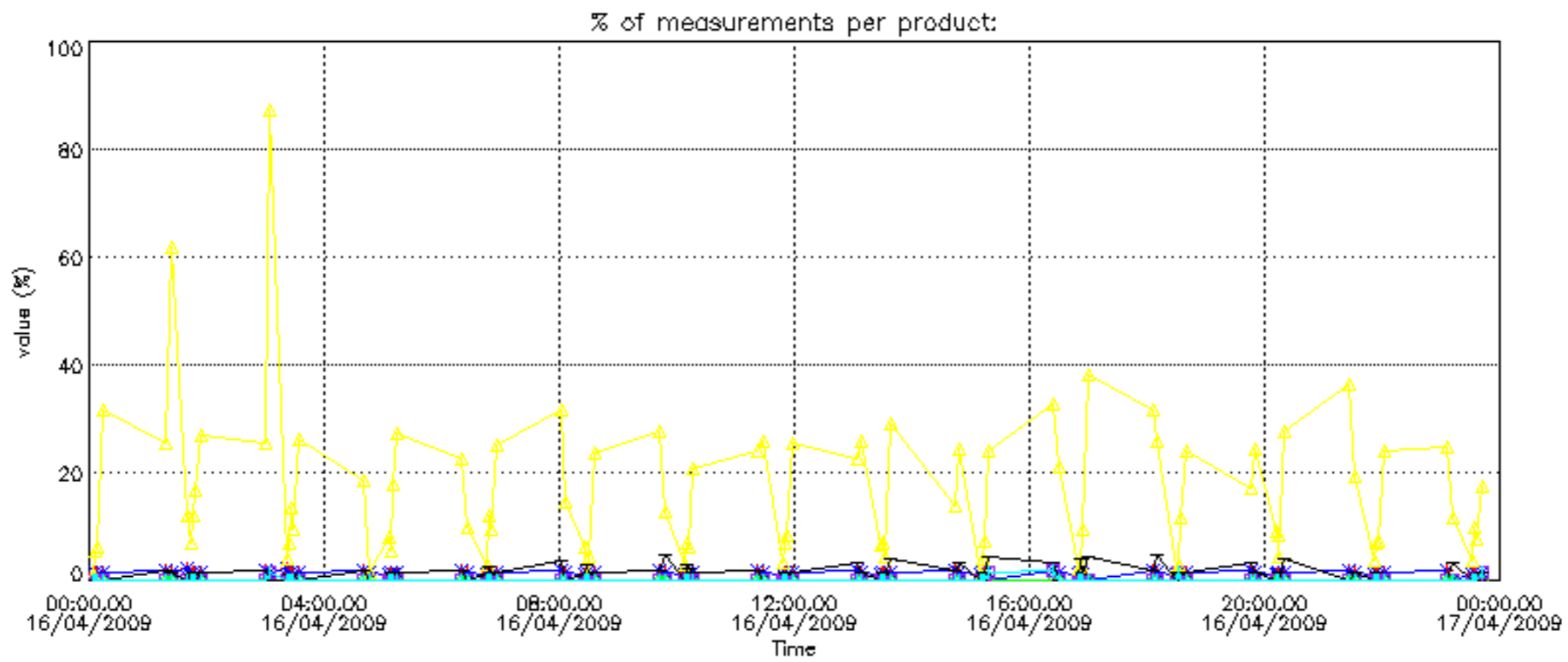


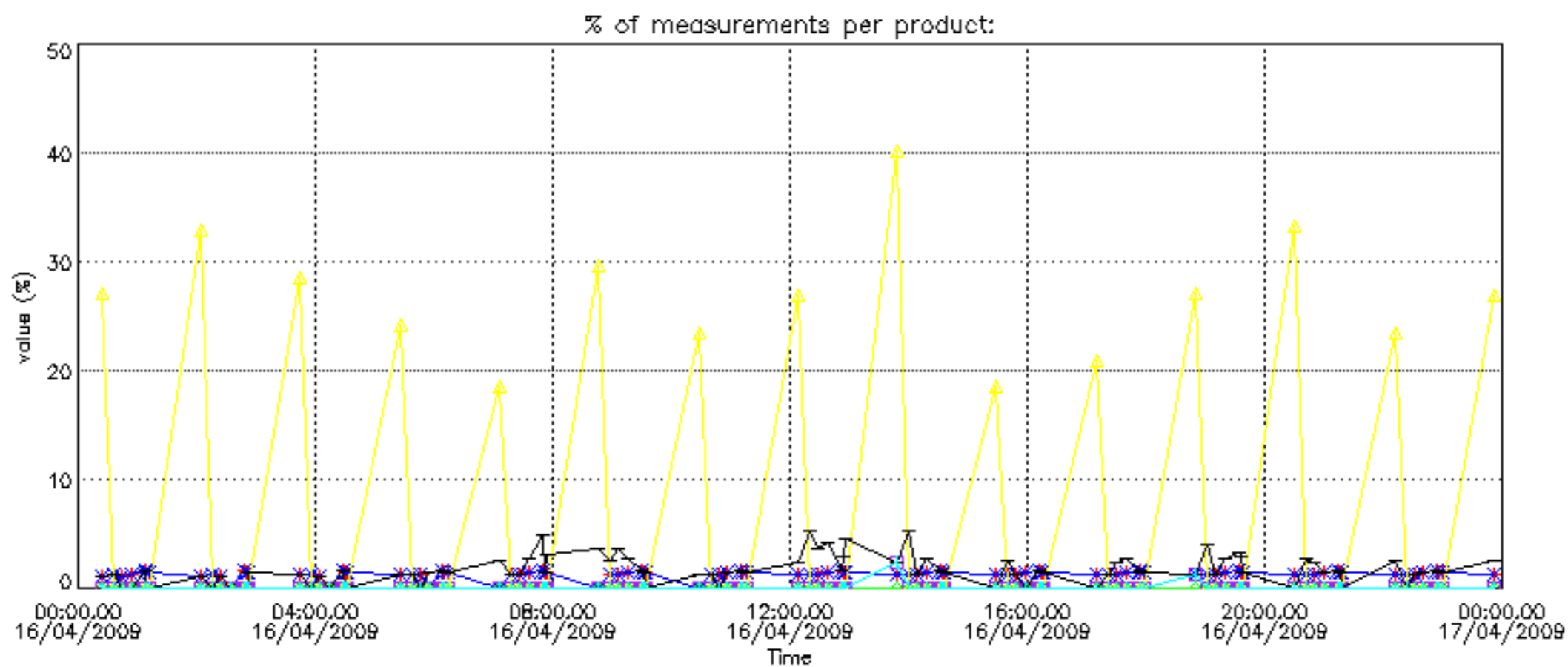
Percentage of flagged data per NO2 profile



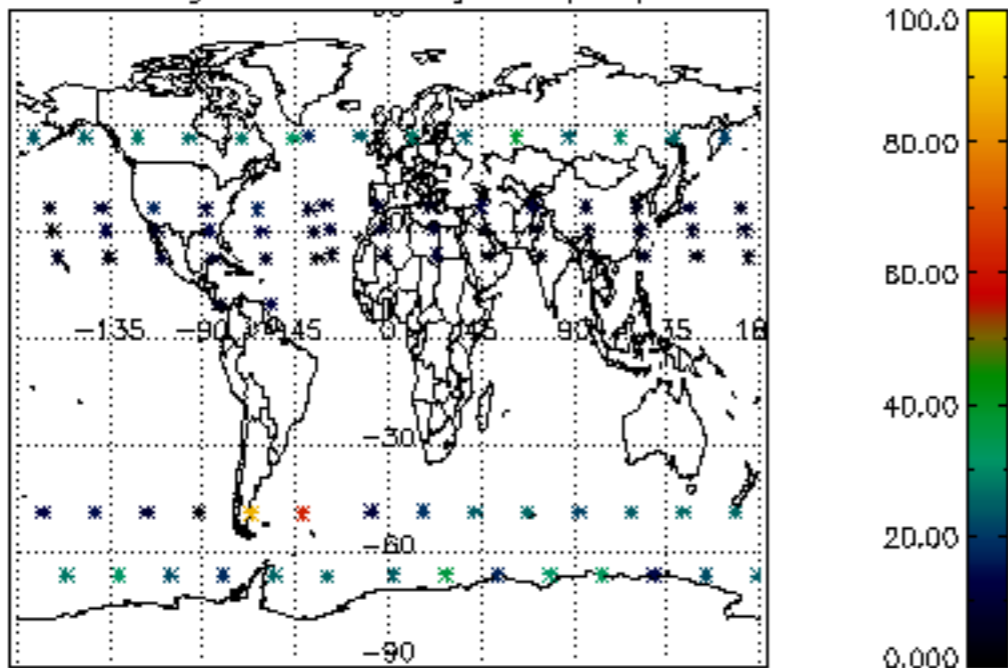
Percentage of flagged data per NO3 profile



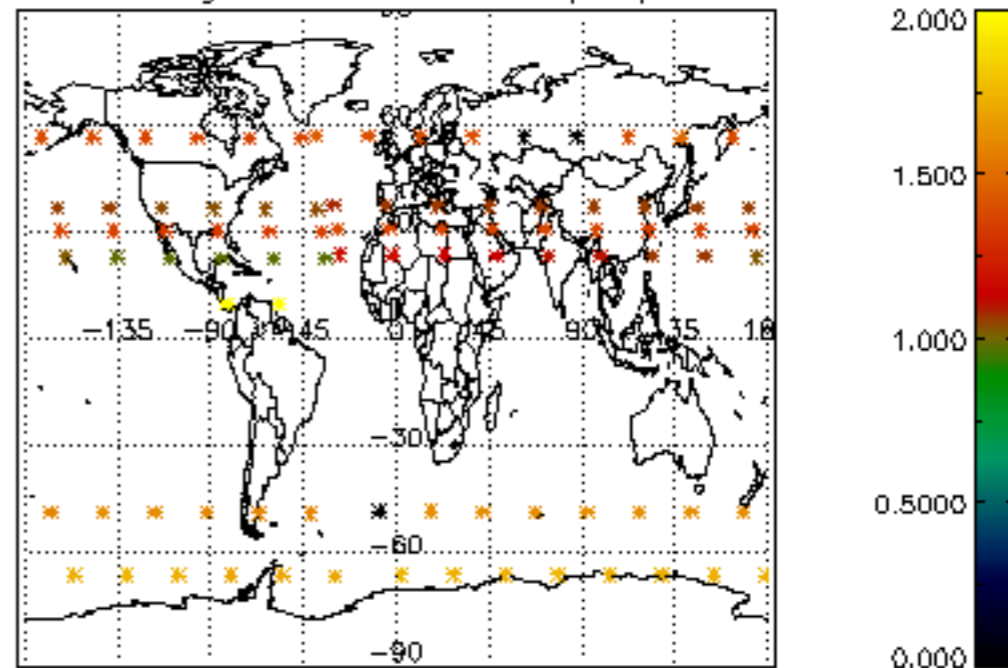




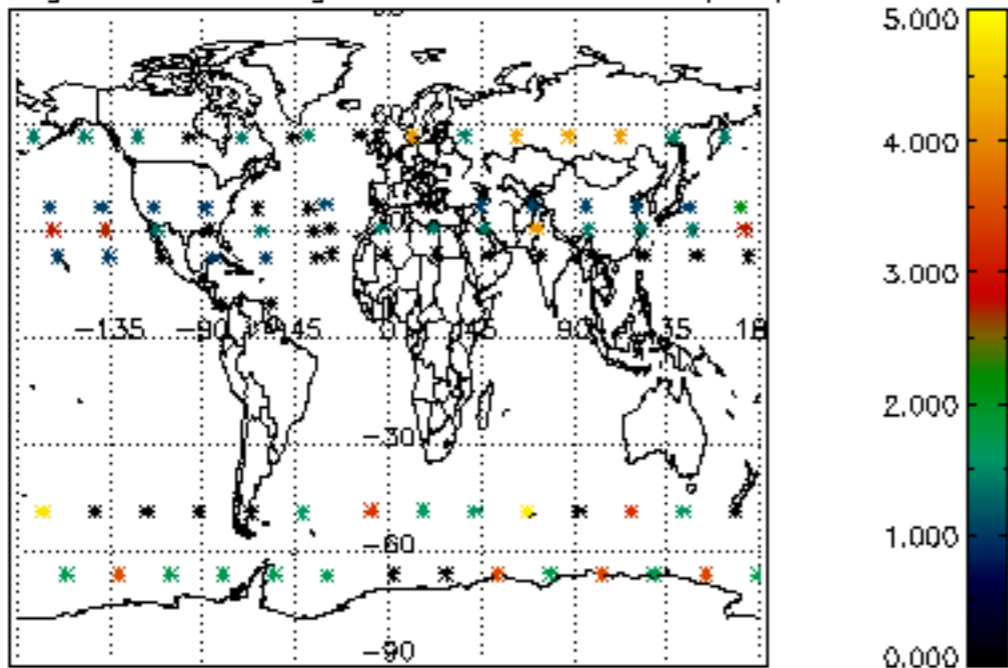
Percentage of cosmic ray hits per profile



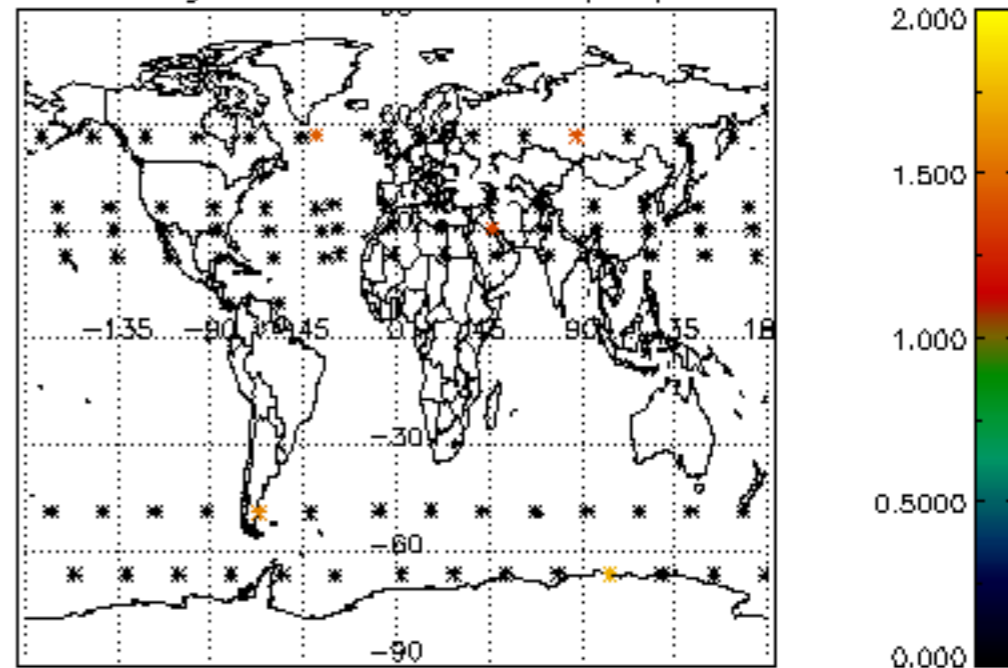
Percentage of datation errors per profile



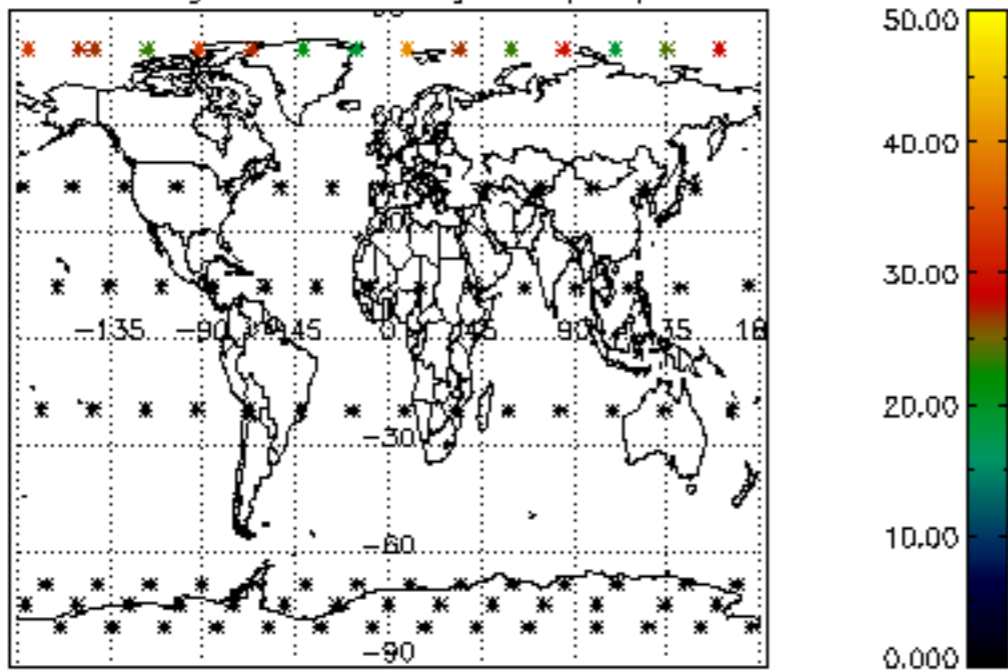
Percentage of star falling outside central band per profile



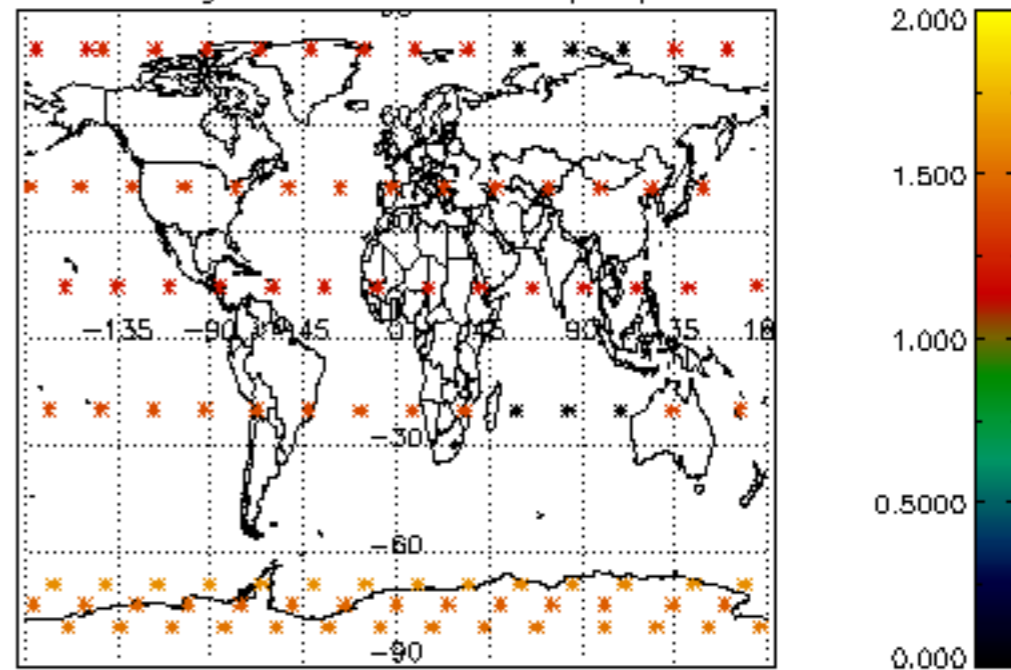
Percentage of saturation errors per profile



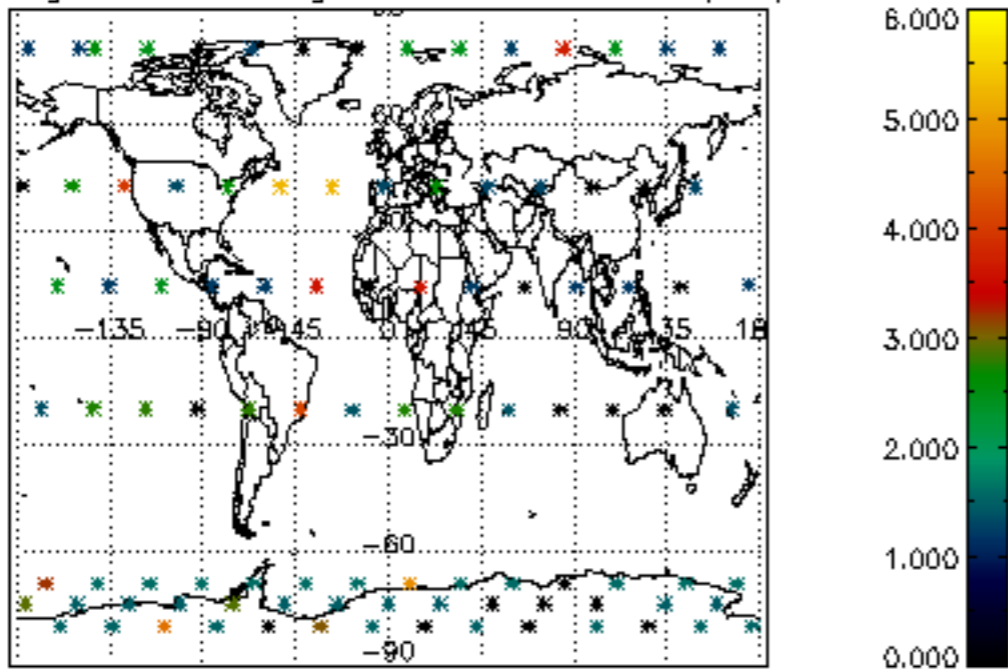
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

