

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 10:04:37
Data source version	GOMOS/6.01
Start time of products	10-06-2009 (10JUN2009 00:00:00)
Stop time of products	11-06-2009 (11JUN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	168
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__2PRFIN20090610_000228_000000352079_00417_38046_1973.N1	10-JUN-2009 00:02:28	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	38046	No
2	GOM_NL__2PRFIN20090610_000506_000000352079_00417_38046_1974.N1	10-JUN-2009 00:05:06	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	38046	No
3	GOM_NL__2PRFIN20090610_001700_000000312079_00417_38046_1975.N1	10-JUN-2009 00:17:00	Bright	30.500	130	23Bet Dra	2.7990	5800.0	61	38046	No
4	GOM_NL__2PRFIN20090610_002744_000000312079_00417_38046_1976.N1	10-JUN-2009 00:27:44	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38046	No
5	GOM_NL__2PRFIN20090610_003339_000000262079_00417_38046_1977.N1	10-JUN-2009 00:33:39	Twilight	25.500	74	11Bet Cas	2.2680	6600.0	51	38046	No
6	GOM_NL__2PRFIN20090610_004201_000000242079_00417_38046_1978.N1	10-JUN-2009 00:42:01	Twilight	24.000	53	43Bet And	2.0480	3300.0	48	38046	No
7	GOM_NL__2PRFIN20090610_010001_000000302079_00417_38046_1979.N1	10-JUN-2009 01:00:01	Dark	30.000	52	16Bet Cet	2.0370	4500.0	60	38046	No
8	GOM_NL__2PRFIN20090610_011011_000000442079_00418_38047_2016.N1	10-JUN-2009 01:10:11	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	38047	No
9	GOM_NL__2PRFIN20090610_011226_000000342079_00418_38047_2017.N1	10-JUN-2009 01:12:26	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38047	No
10	GOM_NL__2PRFIN20090610_011426_000000352079_00418_38047_2018.N1	10-JUN-2009 01:14:26	Dark	34.500	31	Alp Gru	1.7340	15200.0	69	38047	No
11	GOM_NL__2PRFIN20090610_012843_000000322079_00418_38047_2019.N1	10-JUN-2009 01:28:43	Twilight	31.500	38	20Eps Sgr	1.8360	11000.0	63	38047	No
12	GOM_NL__2PRFIN20090610_013017_000000322079_00418_38047_2020.N1	10-JUN-2009 01:30:17	Twilight	32.000	116	19Del Sgr	2.7000	4100.0	64	38047	No
13	GOM_NL__2PRFIN20090610_014303_000000352079_00418_38047_2021.N1	10-JUN-2009 01:43:03	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	38047	No
14	GOM_NL__2PRFIN20090610_014542_000000352079_00418_38047_2022.N1	10-JUN-2009 01:45:42	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	38047	No
15	GOM_NL__2PRFIN20090610_015735_000000312079_00418_38047_2023.N1	10-JUN-2009 01:57:35	Bright	30.500	130	23Bet Dra	2.7990	5800.0	61	38047	No
16	GOM_NL__2PRFIN20090610_020819_000000322079_00418_38047_2024.N1	10-JUN-2009 02:08:19	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	38047	No
17	GOM_NL__2PRFIN20090610_021415_000000252079_00418_38047_2025.N1	10-JUN-2009 02:14:15	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	38047	No
18	GOM_NL__2PRFIN20090610_022237_000000252079_00418_38047_2026.N1	10-JUN-2009 02:22:37	Twilight	24.500	53	43Bet And	2.0480	3300.0	49	38047	No
19	GOM_NL__2PRFIN20090610_024038_000000312079_00418_38047_2027.N1	10-JUN-2009 02:40:38	Dark	30.500	52	16Bet Cet	2.0370	4500.0	61	38047	No
20	GOM_NL__2PRFIN20090610_025048_000000442079_00419_38048_2030.N1	10-JUN-2009 02:50:48	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	38048	No
21	GOM_NL__2PRFIN20090610_025302_000000342079_00419_38048_2031.N1	10-JUN-2009 02:53:02	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38048	No
22	GOM_NL__2PRFIN20090610_025503_000000342079_00419_38048_2032.N1	10-JUN-2009 02:55:03	Dark	34.000	31	Alp Gru	1.7340	15200.0	68	38048	No
23	GOM_NL__2PRFIN20090610_030919_000000312079_00419_38048_2033.N1	10-JUN-2009 03:09:19	Twilight	31.000	38	20Eps Sgr	1.8360	11000.0	62	38048	No
24	GOM_NL__2PRFIN20090610_031119_000000372079_00419_38048_2034.N1	10-JUN-2009 03:11:19	Twilight	36.500	57	34Sig Sgr	2.0660	26000.0	73	38048	No
25	GOM_NL__2PRFIN20090610_032339_000000352079_00419_38048_2035.N1	10-JUN-2009 03:23:39	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	38048	No
26	GOM_NL__2PRFIN20090610_032617_000000352079_00419_38048_2036.N1	10-JUN-2009 03:26:17	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	38048	No
27	GOM_NL__2PRFIN20090610_033811_000000312079_00419_38048_2037.N1	10-JUN-2009 03:38:11	Bright	30.500	130	23Bet Dra	2.7990	5800.0	61	38048	No
28	GOM_NL__2PRFIN20090610_034854_000000312079_00419_38048_2038.N1	10-JUN-2009 03:48:54	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38048	No
29	GOM_NL__2PRFIN20090610_035450_000000262079_00419_38048_2039.N1	10-JUN-2009 03:54:50	Twilight	26.000	74	11Bet Cas	2.2680	6600.0	52	38048	No
30	GOM_NL__2PRFIN20090610_040313_000000252079_00419_38048_2040.N1	10-JUN-2009 04:03:13	Twilight	24.500	53	43Bet And	2.0480	3300.0	49	38048	No
31	GOM_NL__2PRFIN20090610_042115_000000302079_00419_38048_2041.N1	10-JUN-2009 04:21:15	Dark	30.000	52	16Bet Cet	2.0370	4500.0	60	38048	No
32	GOM_NL__2PRFIN20090610_043125_000000442079_00420_38049_2045.N1	10-JUN-2009 04:31:25	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	38049	No
33	GOM_NL__2PRFIN20090610_043339_000000342079_00420_38049_2046.N1	10-JUN-2009 04:33:39	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38049	No
34	GOM_NL__2PRFIN20090610_043540_000000352079_00420_38049_2047.N1	10-JUN-2009 04:35:40	Dark	34.500	31	Alp Gru	1.7340	15200.0	69	38049	No
35	GOM_NL__2PRFIN20090610_044956_000000322079_00420_38049_2048.N1	10-JUN-2009 04:49:56	Twilight	31.500	38	20Eps Sgr	1.8360	11000.0	63	38049	No
36	GOM_NL__2PRFIN20090610_045155_000000372079_00420_38049_2049.N1	10-JUN-2009 04:51:55	Twilight	37.000	57	34Sig Sgr	2.0660	26000.0	74	38049	No
37	GOM_NL__2PRFIN20090610_050415_000000352079_00420_38049_2050.N1	10-JUN-2009 05:04:15	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	38049	No
38	GOM_NL__2PRFIN20090610_050653_000000342079_00420_38049_2051.N1	10-JUN-2009 05:06:53	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38049	No
39	GOM_NL__2PRFIN20090610_051847_000000302079_00420_38049_2052.N1	10-JUN-2009 05:18:47	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38049	No
40	GOM_NL__2PRFIN20090610_052930_000000312079_00420_38049_2053.N1	10-JUN-2009 05:29:30	Twilight	30.500	89	5Alp Cep	2.4510	8000.0	61	38049	No
41	GOM_NL__2PRFIN20090610_053527_000000252079_00420_38049_2054.N1	10-JUN-2009 05:35:27	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	38049	No
42	GOM_NL__2PRFIN20090610_054349_000000242079_00420_38049_2055.N1	10-JUN-2009 05:43:49	Twilight	24.000	53	43Bet And	2.0480	3300.0	48	38049	No

43	GOM_NL__2PRFIN20090610_060152_000000302079_00420_38049_2056.N1	10-JUN-2009 06:01:52	Dark	30.000	52	16Bet Cet	2.0370	4500.0	60	38049	No
44	GOM_NL__2PRFIN20090610_061203_000000442079_00421_38050_2059.N1	10-JUN-2009 06:12:03	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	38050	No
45	GOM_NL__2PRFIN20090610_061416_000000342079_00421_38050_2060.N1	10-JUN-2009 06:14:16	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38050	No
46	GOM_NL__2PRFIN20090610_061617_000000352079_00421_38050_2061.N1	10-JUN-2009 06:16:17	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38050	No
47	GOM_NL__2PRFIN20090610_063033_000000312079_00421_38050_2062.N1	10-JUN-2009 06:30:33	Tw_i_and_stray	30.500	38	20Eps Sgr	1.8360	11000.	61	38050	No
48	GOM_NL__2PRFIN20090610_063232_000000372079_00421_38050_2063.N1	10-JUN-2009 06:32:32	Tw_i_and_stray	37.000	57	34Sig Sgr	2.0660	26000.	74	38050	No
49	GOM_NL__2PRFIN20090610_064451_000000342079_00421_38050_2064.N1	10-JUN-2009 06:44:51	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	38050	No
50	GOM_NL__2PRFIN20090610_064728_000000342079_00421_38050_2065.N1	10-JUN-2009 06:47:28	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38050	No
51	GOM_NL__2PRFIN20090610_065922_000000302079_00421_38050_2066.N1	10-JUN-2009 06:59:22	Bright	29.500	130	23Bet Dra	2.7990	5800.0	59	38050	No
52	GOM_NL__2PRFIN20090610_071602_000000262079_00421_38050_2067.N1	10-JUN-2009 07:16:02	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38050	No
53	GOM_NL__2PRFIN20090610_072425_000000252079_00421_38050_2068.N1	10-JUN-2009 07:24:25	Tw_i_and_stray	24.500	53	43Bet And	2.0480	3300.0	49	38050	No
54	GOM_NL__2PRFIN20090610_074229_000000312079_00421_38050_2069.N1	10-JUN-2009 07:42:29	Dark	30.500	52	16Bet Cet	2.0370	4500.0	61	38050	No
55	GOM_NL__2PRFIN20090610_075454_000000332079_00422_38051_2074.N1	10-JUN-2009 07:54:54	Dark	33.000	63	Bet Gru	2.1500	2800.0	66	38051	No
56	GOM_NL__2PRFIN20090610_075654_000000352079_00422_38051_2075.N1	10-JUN-2009 07:56:54	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38051	No
57	GOM_NL__2PRFIN20090610_081109_000000312079_00422_38051_2076.N1	10-JUN-2009 08:11:09	Tw_i_and_stray	30.500	38	20Eps Sgr	1.8360	11000.	61	38051	No
58	GOM_NL__2PRFIN20090610_081309_000000362079_00422_38051_2077.N1	10-JUN-2009 08:13:09	Tw_i_and_stray	35.500	57	34Sig Sgr	2.0660	26000.	71	38051	No
59	GOM_NL__2PRFIN20090610_082526_000000342079_00422_38051_2078.N1	10-JUN-2009 08:25:26	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	38051	No
60	GOM_NL__2PRFIN20090610_082804_000000342079_00422_38051_2079.N1	10-JUN-2009 08:28:04	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38051	No
61	GOM_NL__2PRFIN20090610_083957_000000312079_00422_38051_2080.N1	10-JUN-2009 08:39:57	Bright	30.500	130	23Bet Dra	2.7990	5800.0	61	38051	No
62	GOM_NL__2PRFIN20090610_085040_000000322079_00422_38051_2081.N1	10-JUN-2009 08:50:40	Tw_i_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	38051	No
63	GOM_NL__2PRFIN20090610_085638_000000262079_00422_38051_2082.N1	10-JUN-2009 08:56:38	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38051	No
64	GOM_NL__2PRFIN20090610_090501_000000242079_00422_38051_2083.N1	10-JUN-2009 09:05:01	Tw_i_and_stray	24.000	53	43Bet And	2.0480	3300.0	48	38051	No
65	GOM_NL__2PRFIN20090610_092305_000000312079_00422_38051_2084.N1	10-JUN-2009 09:23:05	Dark	30.500	52	16Bet Cet	2.0370	4500.0	61	38051	No
66	GOM_NL__2PRFIN20090610_093530_000000342079_00423_38052_2085.N1	10-JUN-2009 09:35:30	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38052	No
67	GOM_NL__2PRFIN20090610_093731_000000352079_00423_38052_2086.N1	10-JUN-2009 09:37:31	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38052	No
68	GOM_NL__2PRFIN20090610_095145_000000312079_00423_38052_2087.N1	10-JUN-2009 09:51:45	Tw_i_and_stray	31.000	38	20Eps Sgr	1.8360	11000.	62	38052	No
69	GOM_NL__2PRFIN20090610_095344_000000372079_00423_38052_2088.N1	10-JUN-2009 09:53:44	Tw_i_and_stray	36.500	57	34Sig Sgr	2.0660	26000.	73	38052	No
70	GOM_NL__2PRFIN20090610_100602_000000352079_00423_38052_2089.N1	10-JUN-2009 10:06:02	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	38052	No
71	GOM_NL__2PRFIN20090610_100839_000000342079_00423_38052_2090.N1	10-JUN-2009 10:08:39	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38052	No
72	GOM_NL__2PRFIN20090610_102033_000000312079_00423_38052_2091.N1	10-JUN-2009 10:20:33	Bright	30.500	130	23Bet Dra	2.7990	5800.0	61	38052	No
73	GOM_NL__2PRFIN20090610_103116_000000312079_00423_38052_2092.N1	10-JUN-2009 10:31:16	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38052	No
74	GOM_NL__2PRFIN20090610_103713_000000262079_00423_38052_2093.N1	10-JUN-2009 10:37:13	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38052	No
75	GOM_NL__2PRFIN20090610_104537_000000252079_00423_38052_2094.N1	10-JUN-2009 10:45:37	Tw_i_and_stray	24.500	53	43Bet And	2.0480	3300.0	49	38052	No
76	GOM_NL__2PRFIN20090610_110342_000000312079_00423_38052_2095.N1	10-JUN-2009 11:03:42	Dark	30.500	52	16Bet Cet	2.0370	4500.0	61	38052	No
77	GOM_NL__2PRFIN20090610_111355_000000442079_00424_38053_2102.N1	10-JUN-2009 11:13:55	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	38053	No
78	GOM_NL__2PRFIN20090610_111607_000000342079_00424_38053_2103.N1	10-JUN-2009 11:16:07	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38053	No
79	GOM_NL__2PRFIN20090610_111808_000000352079_00424_38053_2104.N1	10-JUN-2009 11:18:08	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38053	No
80	GOM_NL__2PRFIN20090610_113221_000000312079_00424_38053_2105.N1	10-JUN-2009 11:32:21	Tw_i_and_stray	31.000	38	20Eps Sgr	1.8360	11000.	62	38053	No
81	GOM_NL__2PRFIN20090610_113421_000000362079_00424_38053_2106.N1	10-JUN-2009 11:34:21	Tw_i_and_stray	36.000	57	34Sig Sgr	2.0660	26000.	72	38053	No
82	GOM_NL__2PRFIN20090610_114637_000000352079_00424_38053_2107.N1	10-JUN-2009 11:46:37	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	38053	No
83	GOM_NL__2PRFIN20090610_114914_000000342079_00424_38053_2108.N1	10-JUN-2009 11:49:14	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38053	No
84	GOM_NL__2PRFIN20090610_121151_000000312079_00424_38053_2109.N1	10-JUN-2009 12:11:51	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38053	No
85	GOM_NL__2PRFIN20090610_121749_000000262079_00424_38053_2110.N1	10-JUN-2009 12:17:49	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38053	No
86	GOM_NL__2PRFIN20090610_122613_000000252079_00424_38053_2111.N1	10-JUN-2009 12:26:13	Tw_i_and_stray	24.500	53	43Bet And	2.0480	3300.0	49	38053	No
87	GOM_NL__2PRFIN20090610_124419_000000312079_00424_38053_2112.N1	10-JUN-2009 12:44:19	Dark	30.500	52	16Bet Cet	2.0370	4500.0	61	38053	No
88	GOM_NL__2PRFIN20090610_125433_000000442079_00425_38054_2119.N1	10-JUN-2009 12:54:33	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	38054	No
89	GOM_NL__2PRFIN20090610_125644_000000342079_00425_38054_2120.N1	10-JUN-2009 12:56:44	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38054	No
90	GOM_NL__2PRFIN20090610_125845_000000342079_00425_38054_2121.N1	10-JUN-2009 12:58:45	Dark	34.000	31	Alp Gru	1.7340	15200.	68	38054	No
91	GOM_NL__2PRFIN20090610_131258_000000312079_00425_38054_2122.N1	10-JUN-2009 13:12:58	Tw_i_and_stray	30.500	38	20Eps Sgr	1.8360	11000.	61	38054	No
92	GOM_NL__2PRFIN20090610_131457_000000372079_00425_38054_2123.N1	10-JUN-2009 13:14:57	Tw_i_and_stray	36.500	57	34Sig Sgr	2.0660	26000.	73	38054	No
93	GOM_NL__2PRFIN20090610_132712_000000352079_00425_38054_2124.N1	10-JUN-2009 13:27:12	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	38054	No
94	GOM_NL__2PRFIN20090610_132950_000000342079_00425_38054_2125.N1	10-JUN-2009 13:29:50	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38054	No
95	GOM_NL__2PRFIN20090610_134144_000000302079_00425_38054_2126.N1	10-JUN-2009 13:41:44	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38054	No
96	GOM_NL__2PRFIN20090610_135825_000000262079_00425_38054_2127.N1	10-JUN-2009 13:58:25	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38054	No
97	GOM_NL__2PRFIN20090610_140649_000000252079_00425_38054_2128.N1	10-JUN-2009 14:06:49	Tw_i_and_stray	24.500	53	43Bet And	2.0480	3300.0	49	38054	No
98	GOM_NL__2PRFIN20090610_142455_000000312079_00425_38054_2129.N1	10-JUN-2009 14:24:55	Dark	31.000	52	16Bet Cet	2.0370	4500.0	62	38054	No
99	GOM_NL__2PRFIN20090610_143510_000000442079_00426_38055_2133.N1	10-JUN-2009 14:35:10	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	38055	No
100	GOM_NL__2PRFIN20090610_143721_000000342079_00426_38055_2134.N1	10-JUN-2009 14:37:21	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38055	No
101	GOM_NL__2PRFIN20090610_143922_000000352079_00426_38055_2135.N1	10-JUN-2009 14:39:22	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38055	No

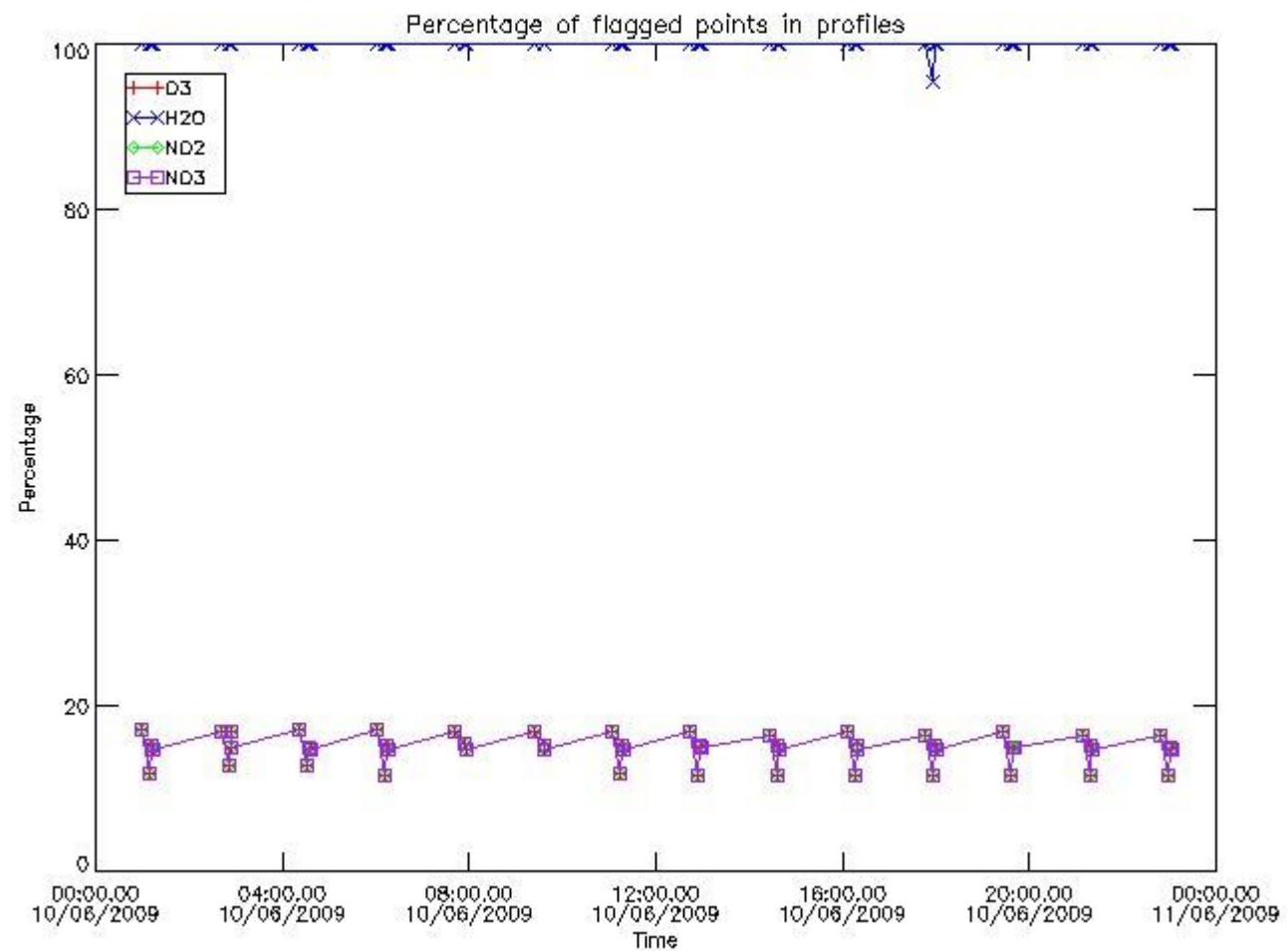
102	GOM_NL__2PRFIN20090610_145334_000000312079_00426_38055_2136.N1	10-JUN-2009 14:53:34	Tw_i_and_stray	31.000	38	20Eps Sgr	1.8360	11000.	62	38055	No
103	GOM_NL__2PRFIN20090610_145533_000000362079_00426_38055_2137.N1	10-JUN-2009 14:55:33	Tw_i_and_stray	36.000	57	34Sig Sgr	2.0660	26000.	72	38055	No
104	GOM_NL__2PRFIN20090610_150748_000000352079_00426_38055_2138.N1	10-JUN-2009 15:07:48	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	38055	No
105	GOM_NL__2PRFIN20090610_151025_000000342079_00426_38055_2139.N1	10-JUN-2009 15:10:25	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38055	No
106	GOM_NL__2PRFIN20090610_152219_000000302079_00426_38055_2140.N1	10-JUN-2009 15:22:19	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38055	No
107	GOM_NL__2PRFIN20090610_153301_000000322079_00426_38055_2141.N1	10-JUN-2009 15:33:01	Tw_i_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	38055	No
108	GOM_NL__2PRFIN20090610_153900_000000262079_00426_38055_2142.N1	10-JUN-2009 15:39:00	Tw_i_and_stray	26.000	74	11Bet Cas	2.2680	6600.0	52	38055	No
109	GOM_NL__2PRFIN20090610_154725_000000252079_00426_38055_2143.N1	10-JUN-2009 15:47:25	Tw_i_and_stray	24.500	53	43Bet And	2.0480	3300.0	49	38055	No
110	GOM_NL__2PRFIN20090610_160533_000000312079_00426_38055_2144.N1	10-JUN-2009 16:05:33	Dark	30.500	52	16Bet Cet	2.0370	4500.0	61	38055	No
111	GOM_NL__2PRFIN20090610_161548_000000442079_00427_38056_2147.N1	10-JUN-2009 16:15:48	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	38056	No
112	GOM_NL__2PRFIN20090610_161758_000000342079_00427_38056_2148.N1	10-JUN-2009 16:17:58	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38056	No
113	GOM_NL__2PRFIN20090610_161959_000000352079_00427_38056_2149.N1	10-JUN-2009 16:19:59	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38056	No
114	GOM_NL__2PRFIN20090610_163411_000000312079_00427_38056_2150.N1	10-JUN-2009 16:34:11	Tw_i_and_stray	31.000	38	20Eps Sgr	1.8360	11000.	62	38056	No
115	GOM_NL__2PRFIN20090610_163610_000000372079_00427_38056_2151.N1	10-JUN-2009 16:36:10	Tw_i_and_stray	37.000	57	34Sig Sgr	2.0660	26000.	74	38056	No
116	GOM_NL__2PRFIN20090610_164824_000000352079_00427_38056_2152.N1	10-JUN-2009 16:48:24	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	38056	No
117	GOM_NL__2PRFIN20090610_165101_000000342079_00427_38056_2153.N1	10-JUN-2009 16:51:01	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38056	No
118	GOM_NL__2PRFIN20090610_170255_000000302079_00427_38056_2154.N1	10-JUN-2009 17:02:55	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38056	No
119	GOM_NL__2PRFIN20090610_171337_000000312079_00427_38056_2155.N1	10-JUN-2009 17:13:37	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38056	No
120	GOM_NL__2PRFIN20090610_171936_000000262079_00427_38056_2156.N1	10-JUN-2009 17:19:36	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38056	No
121	GOM_NL__2PRFIN20090610_172801_000000242079_00427_38056_2157.N1	10-JUN-2009 17:28:01	Tw_i_and_stray	24.000	53	43Bet And	2.0480	3300.0	48	38056	No
122	GOM_NL__2PRFIN20090610_174609_000000312079_00427_38056_2158.N1	10-JUN-2009 17:46:09	Dark	31.000	52	16Bet Cet	2.0370	4500.0	62	38056	No
123	GOM_NL__2PRFIN20090610_175626_000000442079_00428_38057_2184.N1	10-JUN-2009 17:56:26	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	38057	No
124	GOM_NL__2PRFIN20090610_175835_000000342079_00428_38057_2185.N1	10-JUN-2009 17:58:35	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38057	No
125	GOM_NL__2PRFIN20090610_180036_000000342079_00428_38057_2186.N1	10-JUN-2009 18:00:36	Dark	34.000	31	Alp Gru	1.7340	15200.	68	38057	No
126	GOM_NL__2PRFIN20090610_181447_000000312079_00428_38057_2187.N1	10-JUN-2009 18:14:47	Tw_i_and_stray	31.000	38	20Eps Sgr	1.8360	11000.	62	38057	No
127	GOM_NL__2PRFIN20090610_181646_000000372079_00428_38057_2188.N1	10-JUN-2009 18:16:46	Tw_i_and_stray	37.000	57	34Sig Sgr	2.0660	26000.	74	38057	No
128	GOM_NL__2PRFIN20090610_182859_000000352079_00428_38057_2189.N1	10-JUN-2009 18:28:59	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	38057	No
129	GOM_NL__2PRFIN20090610_183137_000000342079_00428_38057_2190.N1	10-JUN-2009 18:31:37	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38057	No
130	GOM_NL__2PRFIN20090610_184330_000000312079_00428_38057_2191.N1	10-JUN-2009 18:43:30	Bright	30.500	130	23Bet Dra	2.7990	5800.0	61	38057	No
131	GOM_NL__2PRFIN20090610_185412_000000322079_00428_38057_2192.N1	10-JUN-2009 18:54:12	Tw_i_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	38057	No
132	GOM_NL__2PRFIN20090610_190012_000000262079_00428_38057_2193.N1	10-JUN-2009 19:00:12	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38057	No
133	GOM_NL__2PRFIN20090610_190837_000000252079_00428_38057_2194.N1	10-JUN-2009 19:08:37	Tw_i_and_stray	24.500	53	43Bet And	2.0480	3300.0	49	38057	No
134	GOM_NL__2PRFIN20090610_192646_000000312079_00428_38057_2195.N1	10-JUN-2009 19:26:46	Dark	30.500	52	16Bet Cet	2.0370	4500.0	61	38057	No
135	GOM_NL__2PRFIN20090610_193703_000000442079_00429_38058_2201.N1	10-JUN-2009 19:37:03	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	38058	No
136	GOM_NL__2PRFIN20090610_193911_000000342079_00429_38058_2202.N1	10-JUN-2009 19:39:11	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38058	No
137	GOM_NL__2PRFIN20090610_194113_000000342079_00429_38058_2203.N1	10-JUN-2009 19:41:13	Dark	33.500	31	Alp Gru	1.7340	15200.	67	38058	No
138	GOM_NL__2PRFIN20090610_195523_000000312079_00429_38058_2204.N1	10-JUN-2009 19:55:23	Tw_i_and_stray	31.000	38	20Eps Sgr	1.8360	11000.	62	38058	No
139	GOM_NL__2PRFIN20090610_195722_000000372079_00429_38058_2205.N1	10-JUN-2009 19:57:22	Tw_i_and_stray	37.000	57	34Sig Sgr	2.0660	26000.	74	38058	No
140	GOM_NL__2PRFIN20090610_200935_000000342079_00429_38058_2206.N1	10-JUN-2009 20:09:35	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	38058	No
141	GOM_NL__2PRFIN20090610_201212_000000342079_00429_38058_2207.N1	10-JUN-2009 20:12:12	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	38058	No
142	GOM_NL__2PRFIN20090610_202405_000000312079_00429_38058_2208.N1	10-JUN-2009 20:24:05	Bright	30.500	130	23Bet Dra	2.7990	5800.0	61	38058	No
143	GOM_NL__2PRFIN20090610_203447_000000312079_00429_38058_2209.N1	10-JUN-2009 20:34:47	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38058	No
144	GOM_NL__2PRFIN20090610_204048_000000262079_00429_38058_2210.N1	10-JUN-2009 20:40:48	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38058	No
145	GOM_NL__2PRFIN20090610_204913_000000242079_00429_38058_2211.N1	10-JUN-2009 20:49:13	Tw_i_and_stray	24.000	53	43Bet And	2.0480	3300.0	48	38058	No
146	GOM_NL__2PRFIN20090610_210723_000000312079_00429_38058_2212.N1	10-JUN-2009 21:07:23	Dark	31.000	52	16Bet Cet	2.0370	4500.0	62	38058	No
147	GOM_NL__2PRFIN20090610_211740_000000442079_00430_38059_2219.N1	10-JUN-2009 21:17:40	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	38059	No
148	GOM_NL__2PRFIN20090610_211948_000000342079_00430_38059_2220.N1	10-JUN-2009 21:19:48	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38059	No
149	GOM_NL__2PRFIN20090610_212149_000000352079_00430_38059_2221.N1	10-JUN-2009 21:21:49	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38059	No
150	GOM_NL__2PRFIN20090610_213600_000000312079_00430_38059_2222.N1	10-JUN-2009 21:36:00	Tw_i_and_stray	31.000	38	20Eps Sgr	1.8360	11000.	62	38059	No
151	GOM_NL__2PRFIN20090610_213759_000000372079_00430_38059_2223.N1	10-JUN-2009 21:37:59	Tw_i_and_stray	36.500	57	34Sig Sgr	2.0660	26000.	73	38059	No
152	GOM_NL__2PRFIN20090610_215010_000000352079_00430_38059_2224.N1	10-JUN-2009 21:50:10	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	38059	No
153	GOM_NL__2PRFIN20090610_215247_000000342079_00430_38059_2225.N1	10-JUN-2009 21:52:47	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38059	No
154	GOM_NL__2PRFIN20090610_220441_000000312079_00430_38059_2226.N1	10-JUN-2009 22:04:41	Bright	30.500	130	23Bet Dra	2.7990	5800.0	61	38059	No
155	GOM_NL__2PRFIN20090610_221522_000000312079_00430_38059_2227.N1	10-JUN-2009 22:15:22	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38059	No
156	GOM_NL__2PRFIN20090610_222123_000000262079_00430_38059_2228.N1	10-JUN-2009 22:21:23	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38059	No
157	GOM_NL__2PRFIN20090610_222949_000000252079_00430_38059_2229.N1	10-JUN-2009 22:29:49	Tw_i_and_stray	24.500	53	43Bet And	2.0480	3300.0	49	38059	No
158	GOM_NL__2PRFIN20090610_224759_000000312079_00430_38059_2230.N1	10-JUN-2009 22:47:59	Dark	31.000	52	16Bet Cet	2.0370	4500.0	62	38059	No
159	GOM_NL__2PRFIN20090610_225818_000000442079_00431_38060_2235.N1	10-JUN-2009 22:58:18	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	38060	No
160	GOM_NL__2PRFIN20090610_230025_000000342079_00431_38060_2236.N1	10-JUN-2009 23:00:25	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38060	No

161	GOM_NL__2PRFIN20090610_230226_000000352079_00431_38060_2237.N1	10-JUN-2009 23:02:26	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38060	No
162	GOM_NL__2PRFIN20090610_230356_000000432079_00431_38060_2238.N1	10-JUN-2009 23:03:56	Straylight	42.500	172	Gam Gru	3.0030	13100.	85	38060	No
163	GOM_NL__2PRFIN20090610_231636_000000312079_00431_38060_2239.N1	10-JUN-2009 23:16:36	Twilight_and_stray	31.000	38	20Eps Sgr	1.8360	11000.	62	38060	No
164	GOM_NL__2PRFIN20090610_231835_000000372079_00431_38060_2240.N1	10-JUN-2009 23:18:35	Twilight_and_stray	36.500	57	34Sig Sgr	2.0660	26000.	73	38060	No
165	GOM_NL__2PRFIN20090610_233046_000000342079_00431_38060_2241.N1	10-JUN-2009 23:30:46	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	38060	No
166	GOM_NL__2PRFIN20090610_233323_000000342079_00431_38060_2242.N1	10-JUN-2009 23:33:23	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38060	No
167	GOM_NL__2PRFIN20090610_234516_000000312079_00431_38060_2243.N1	10-JUN-2009 23:45:16	Bright	30.500	130	23Bet Dra	2.7990	5800.0	61	38060	No
168	GOM_NL__2PRFIN20090610_235558_000000322079_00431_38060_2244.N1	10-JUN-2009 23:55:58	Twilight_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	38060	No

3. Quality information per product

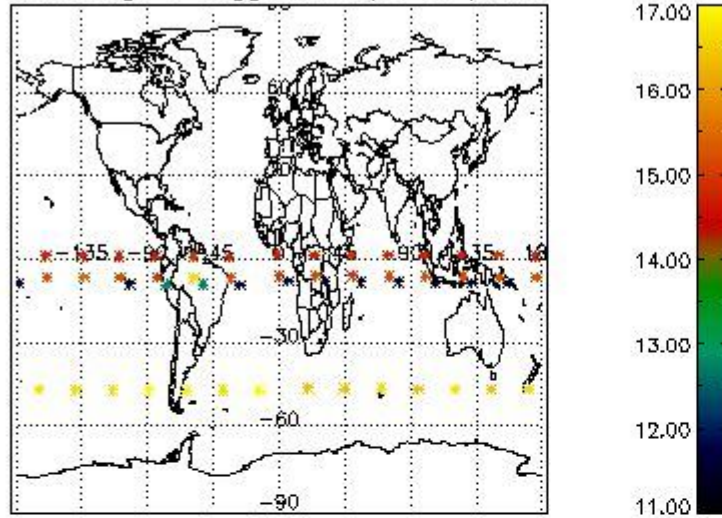
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

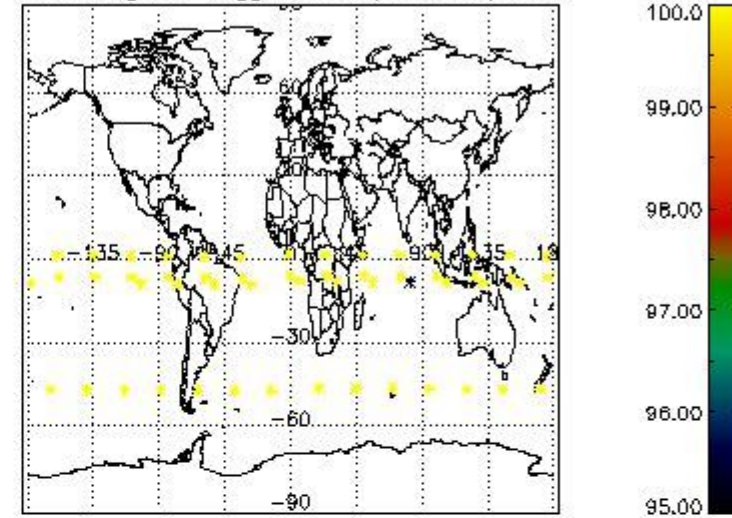


3.2 Plot quality information per product (world map)

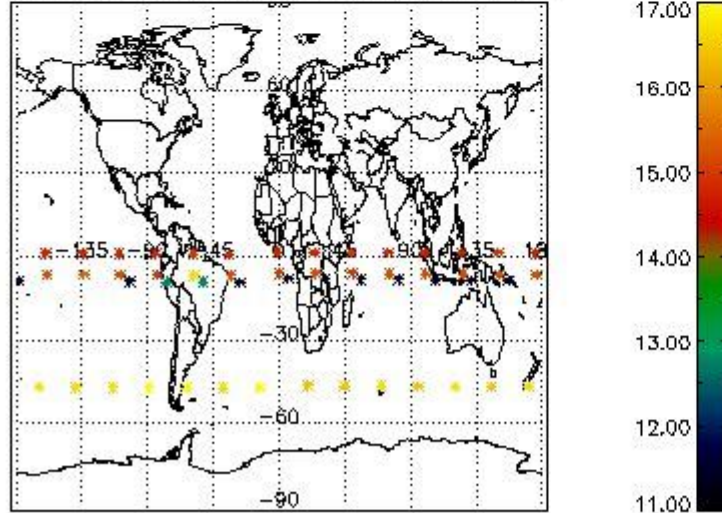
Percentage of flagged data per O3 profile



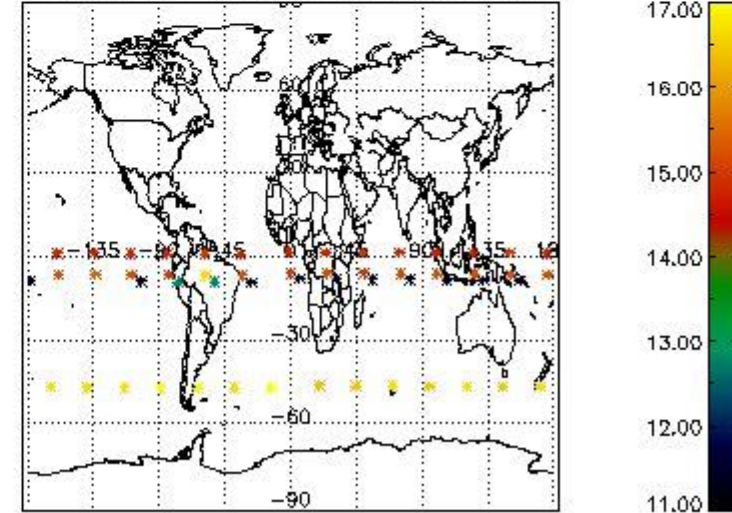
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

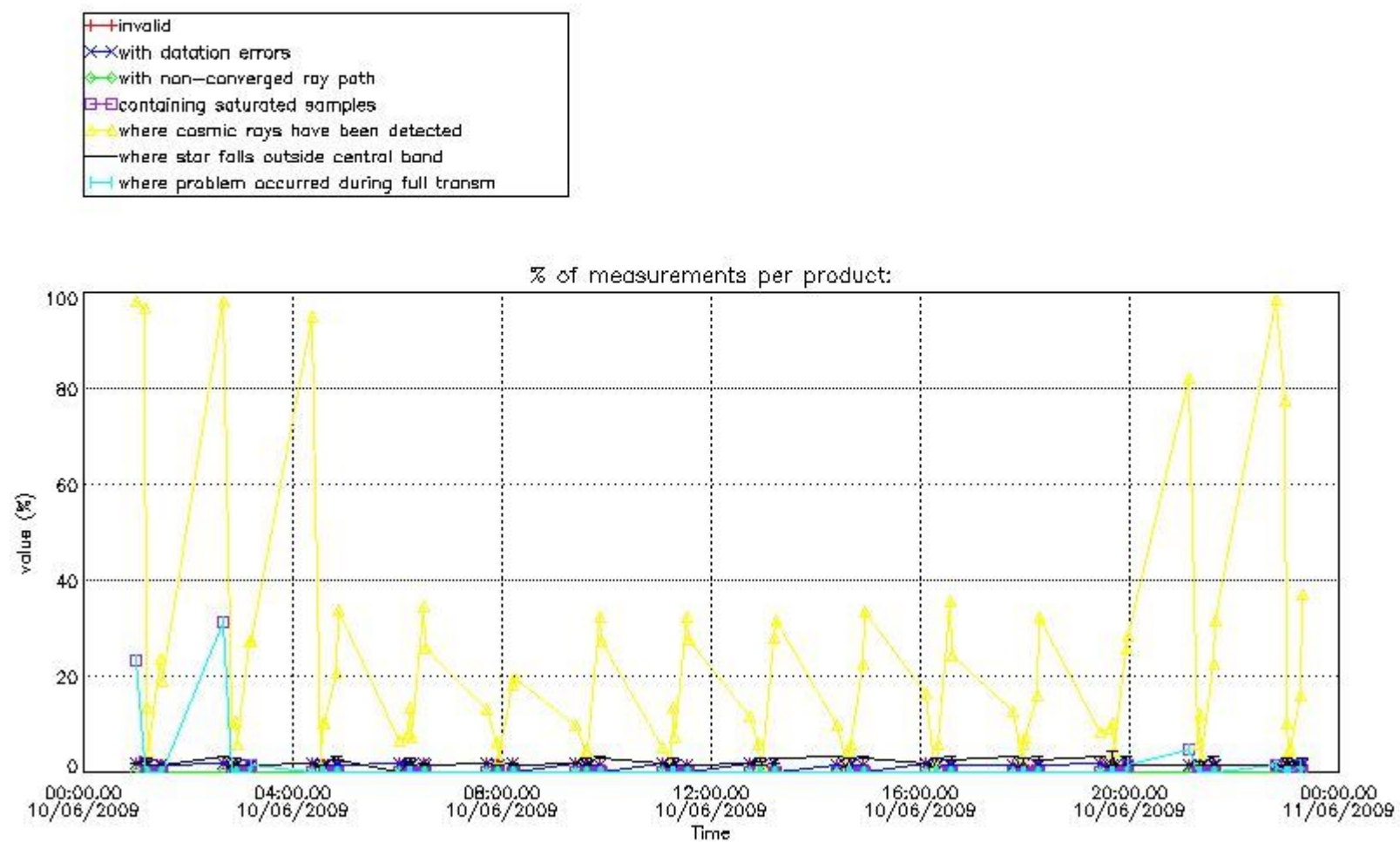


4. Level 1 quality information per product

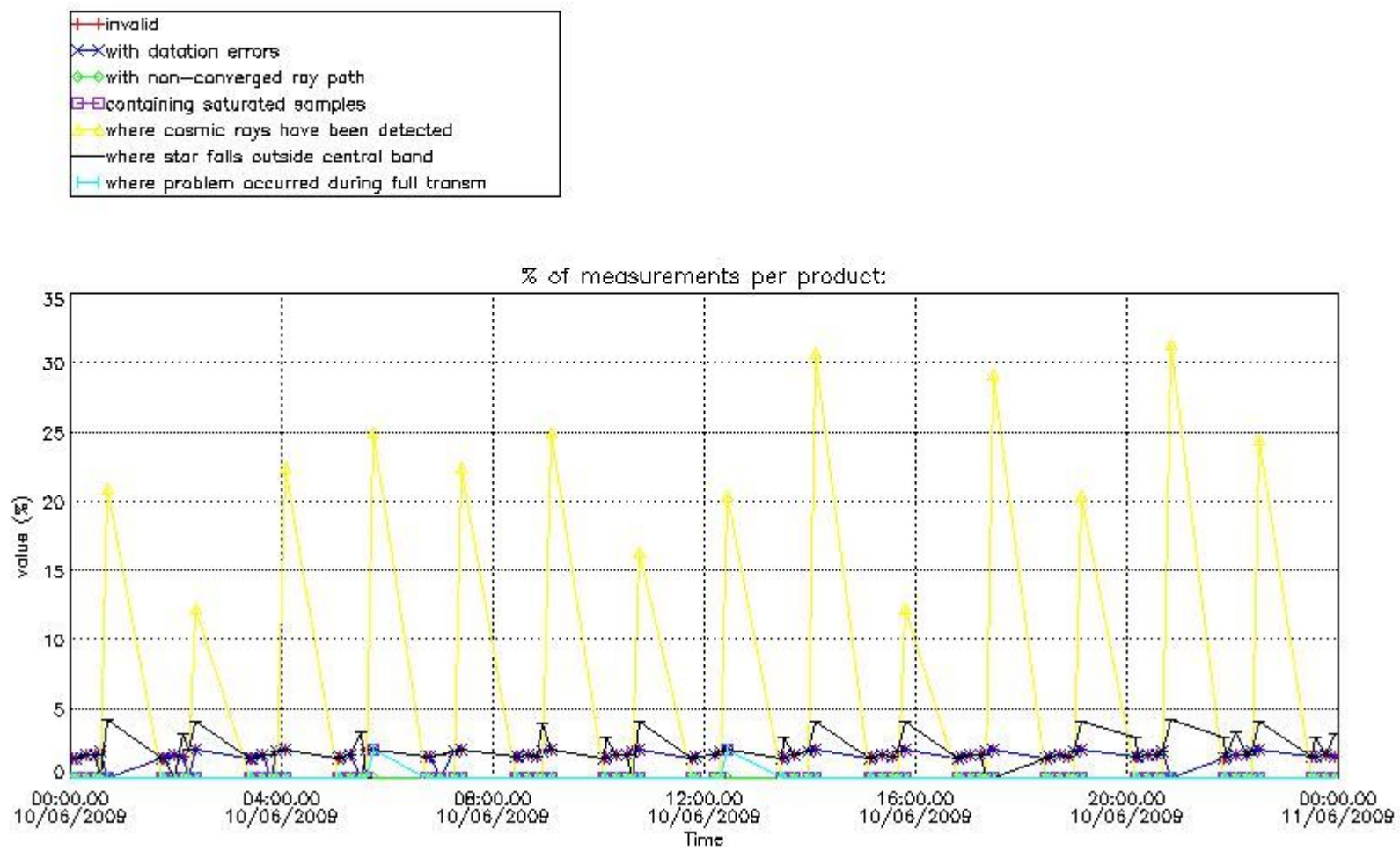
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

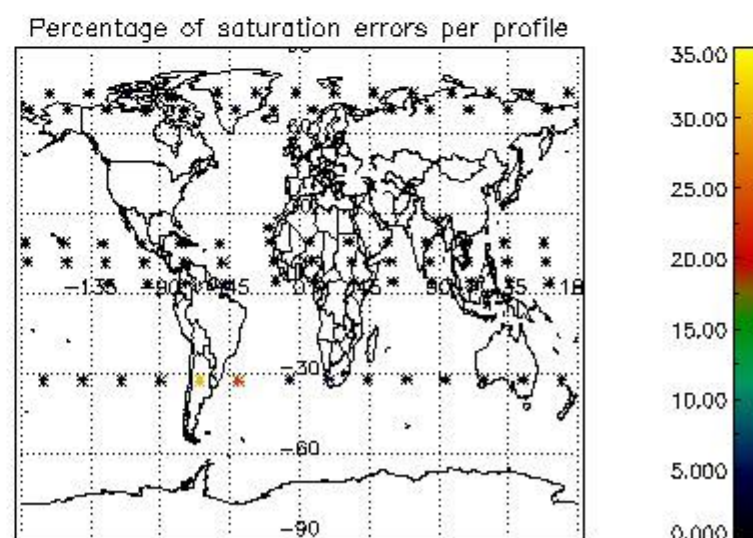
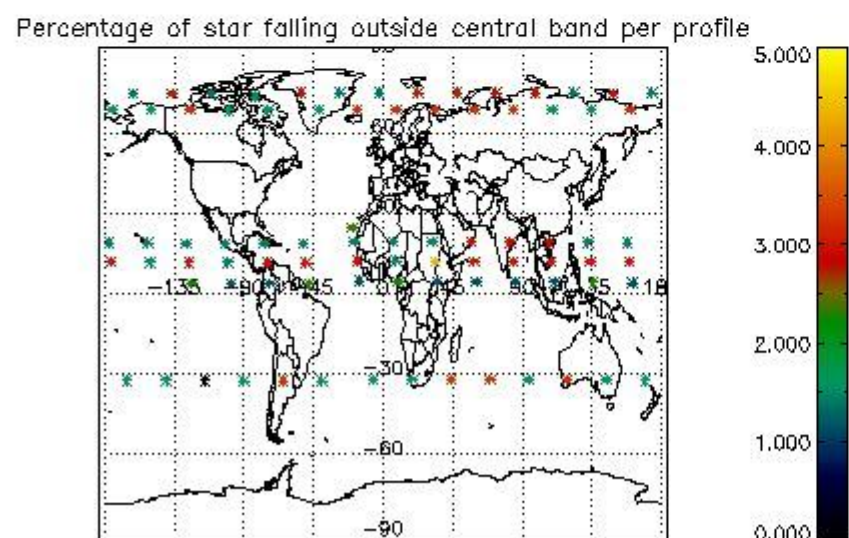
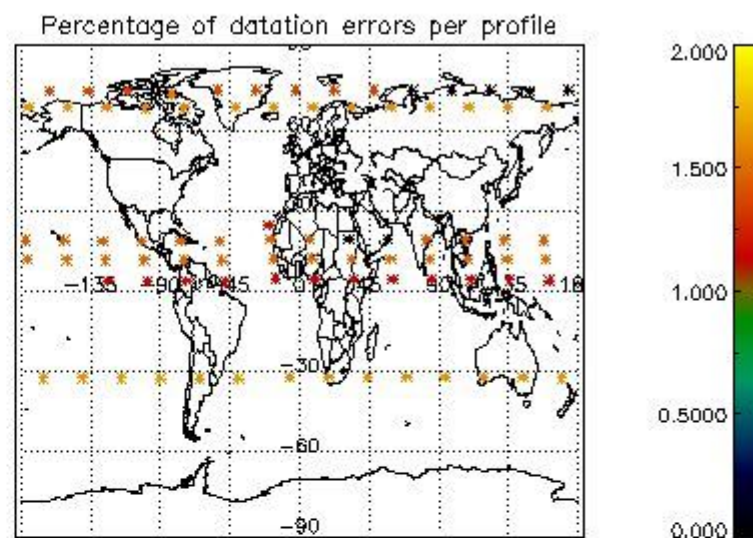
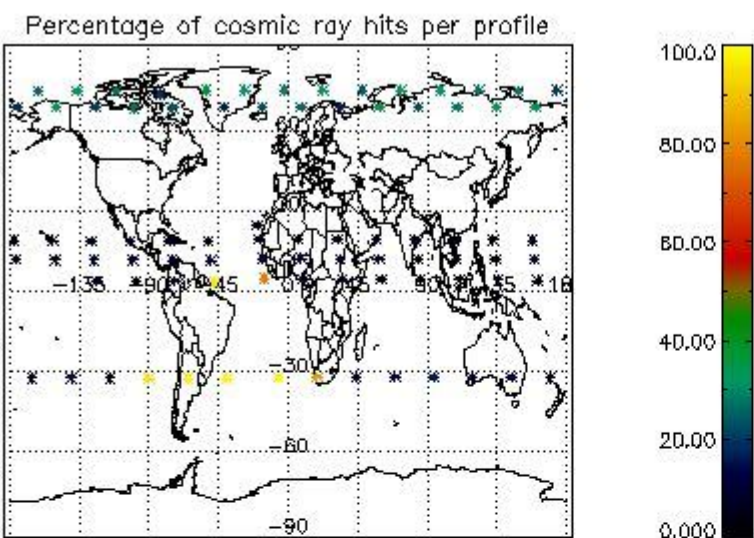


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

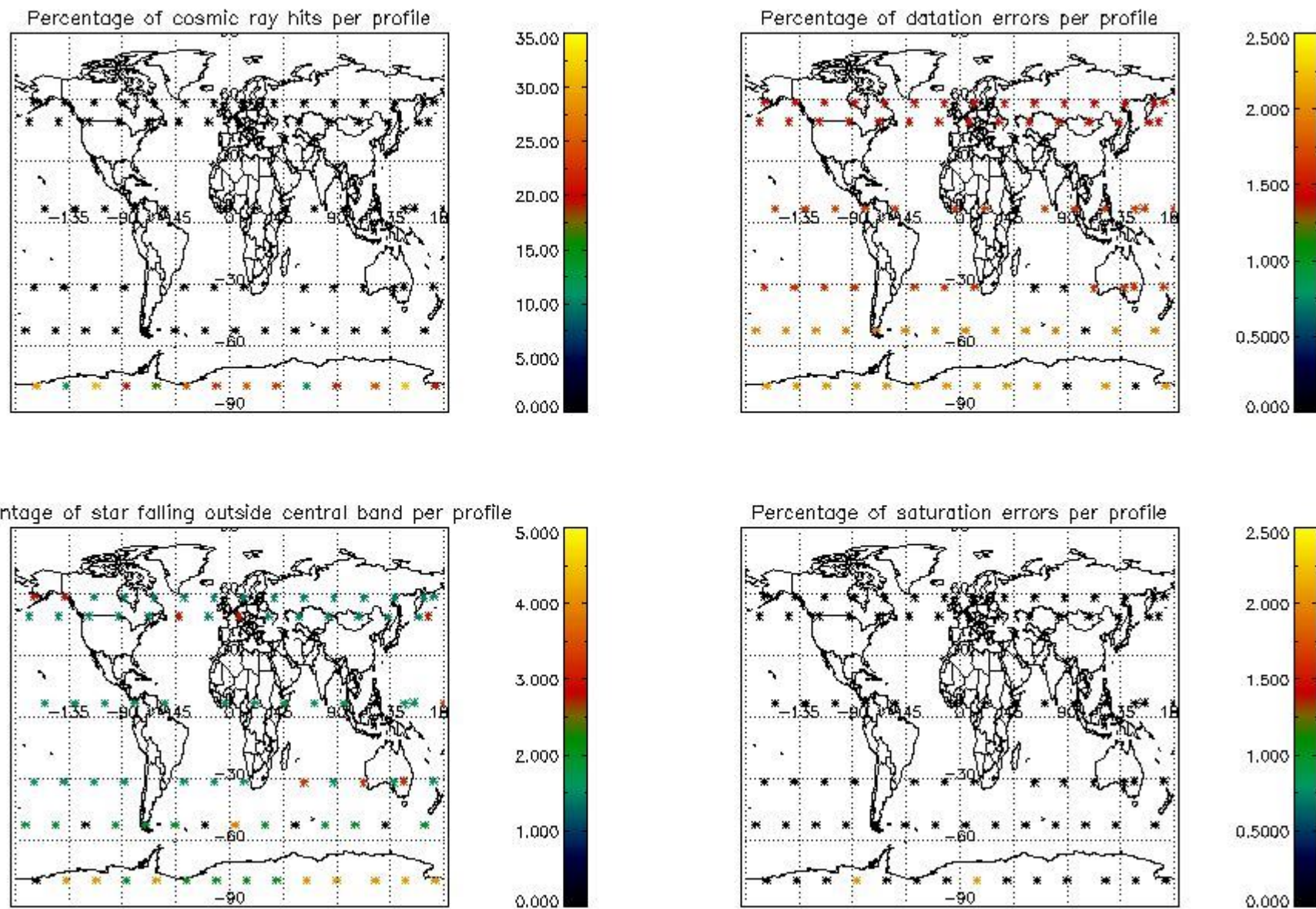


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

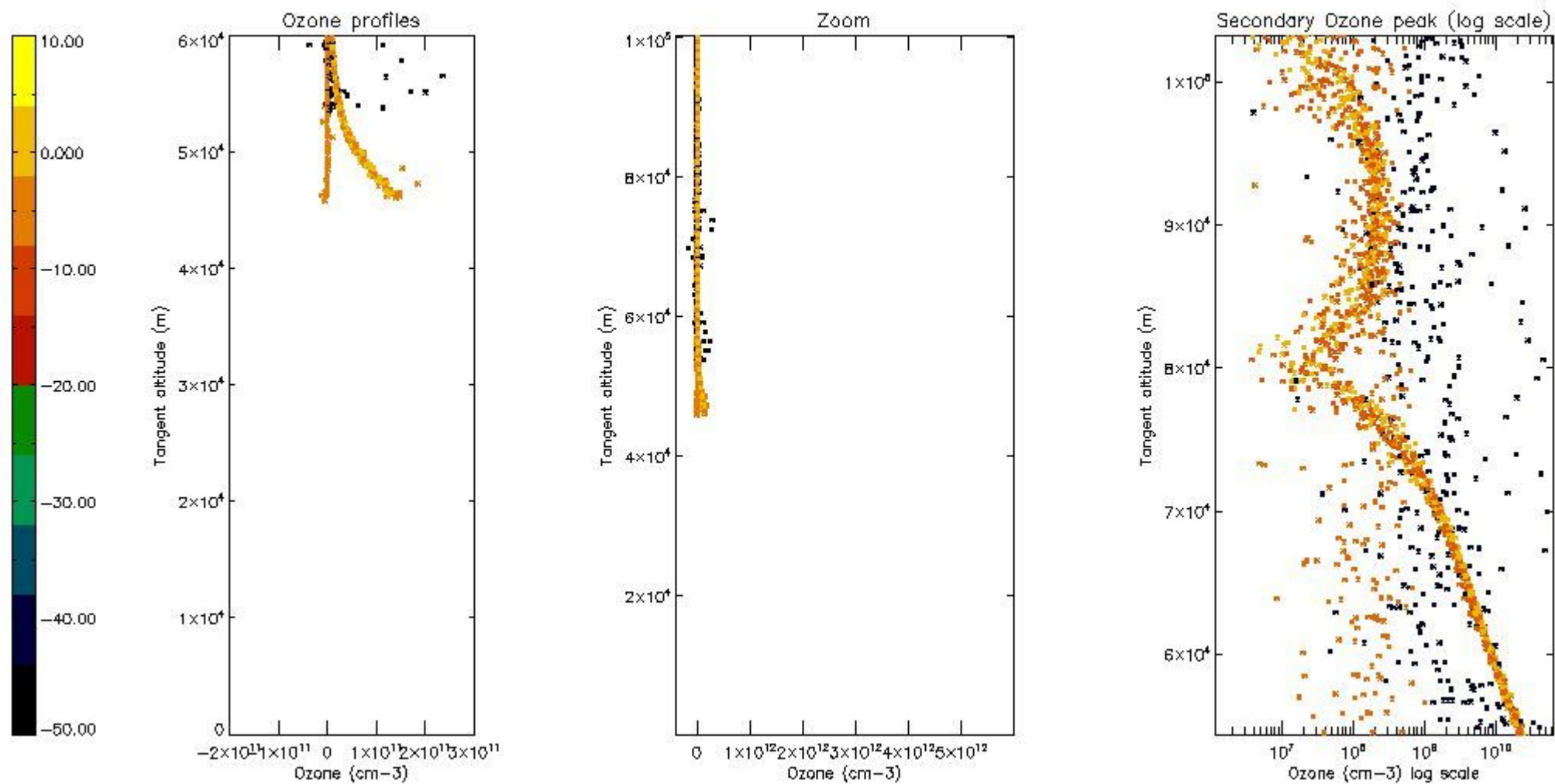
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	36
STD < 20	9

STD < 10	7
STD < 5	7

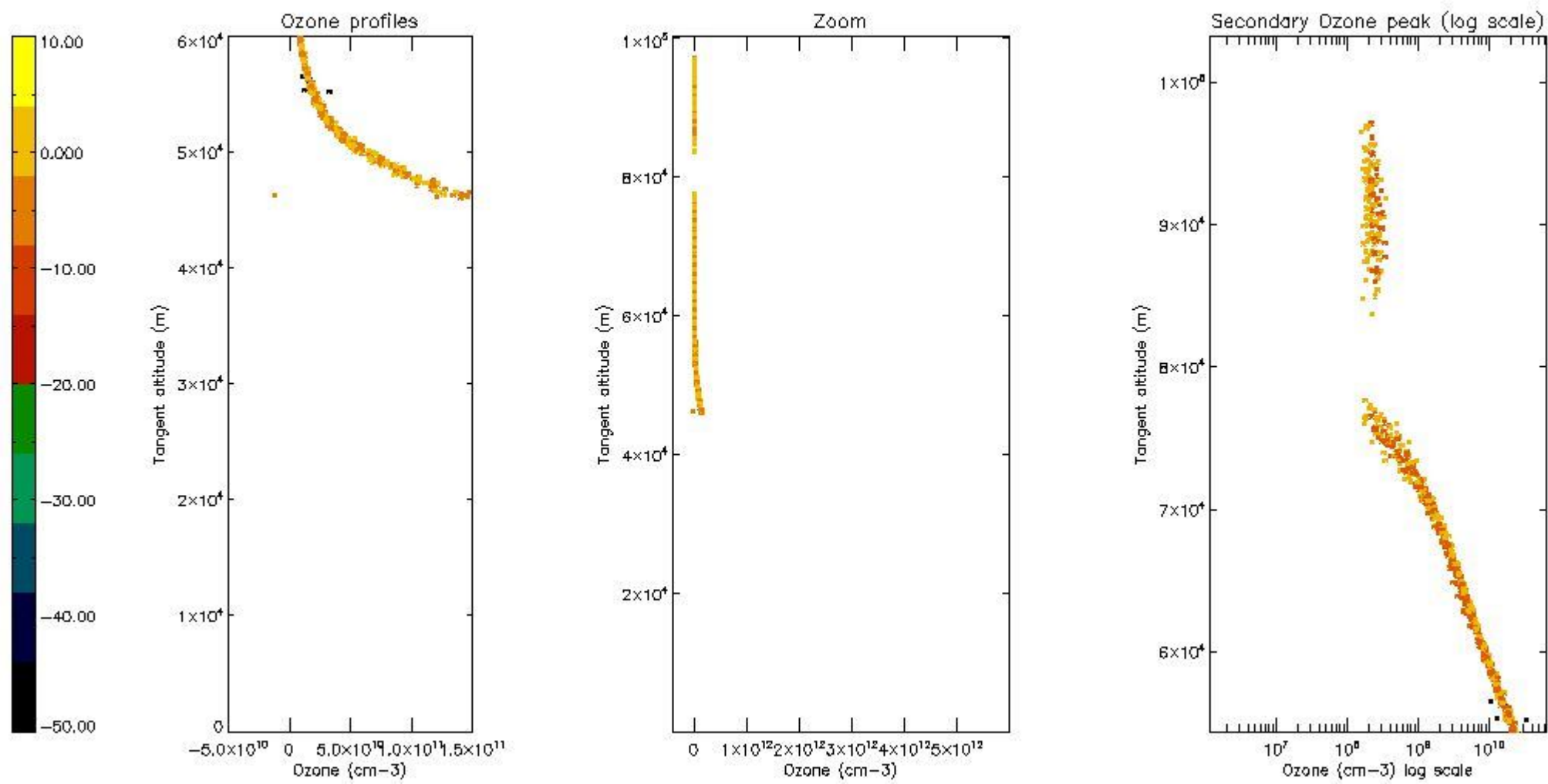
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



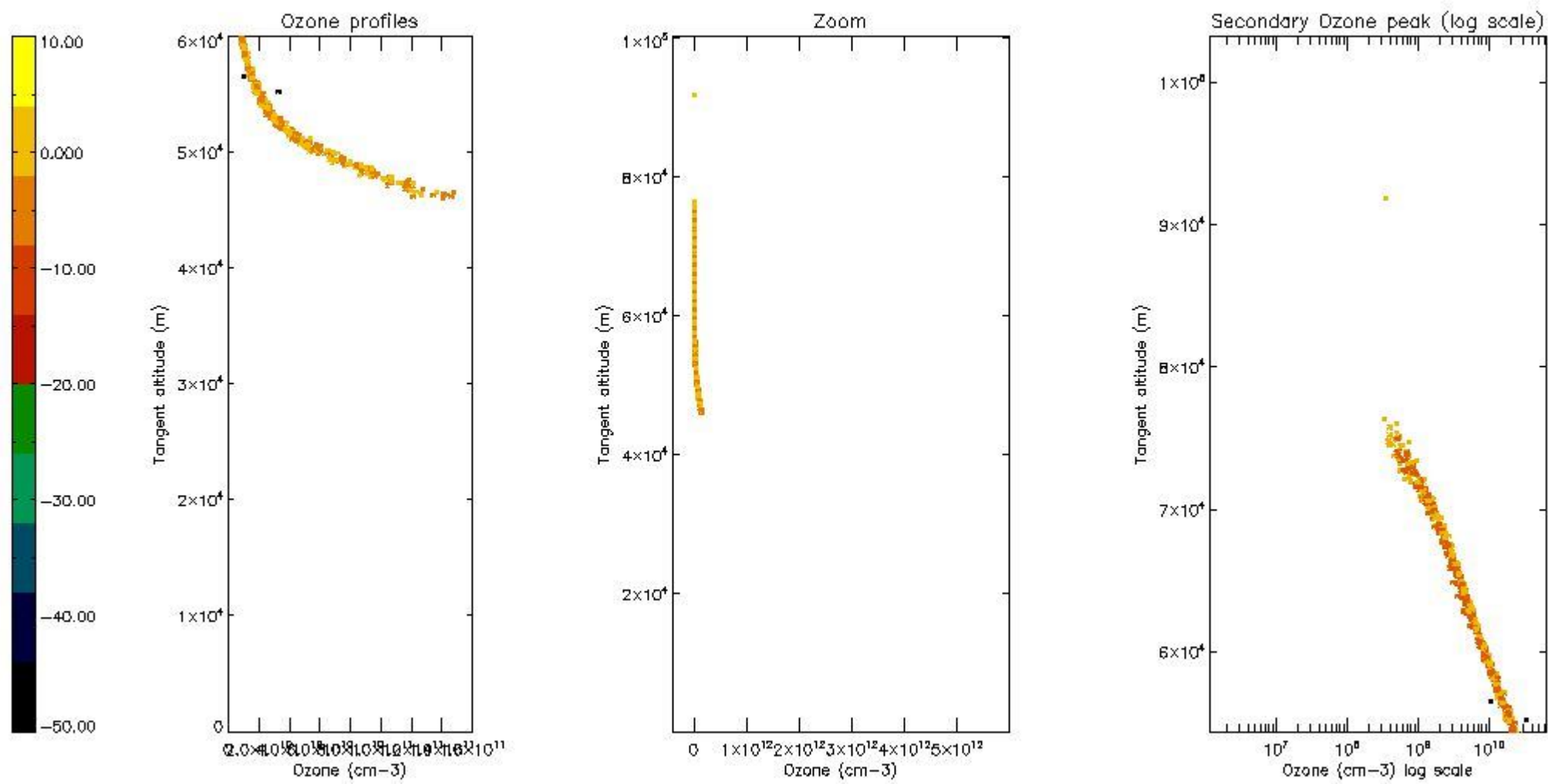
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



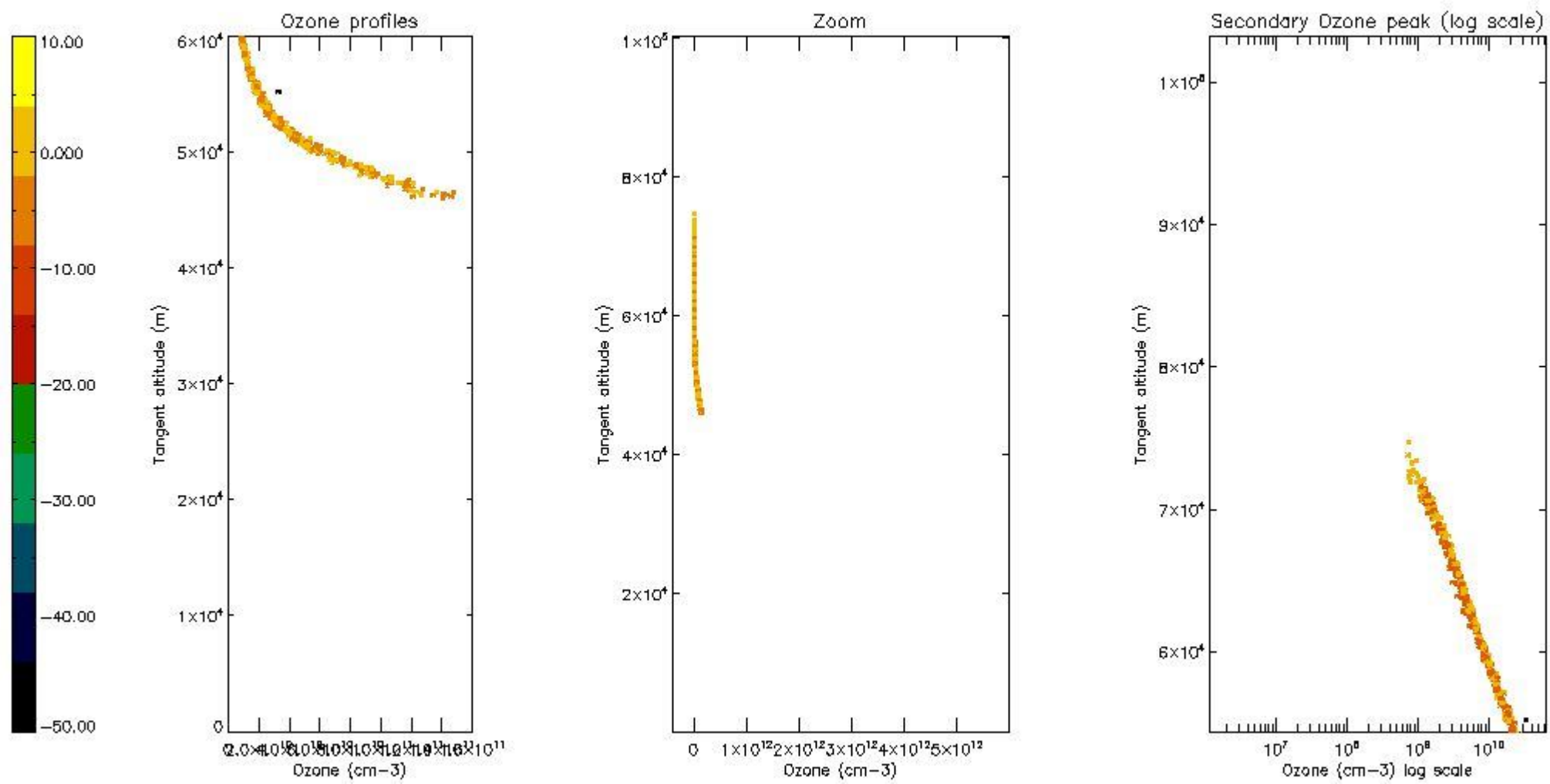
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



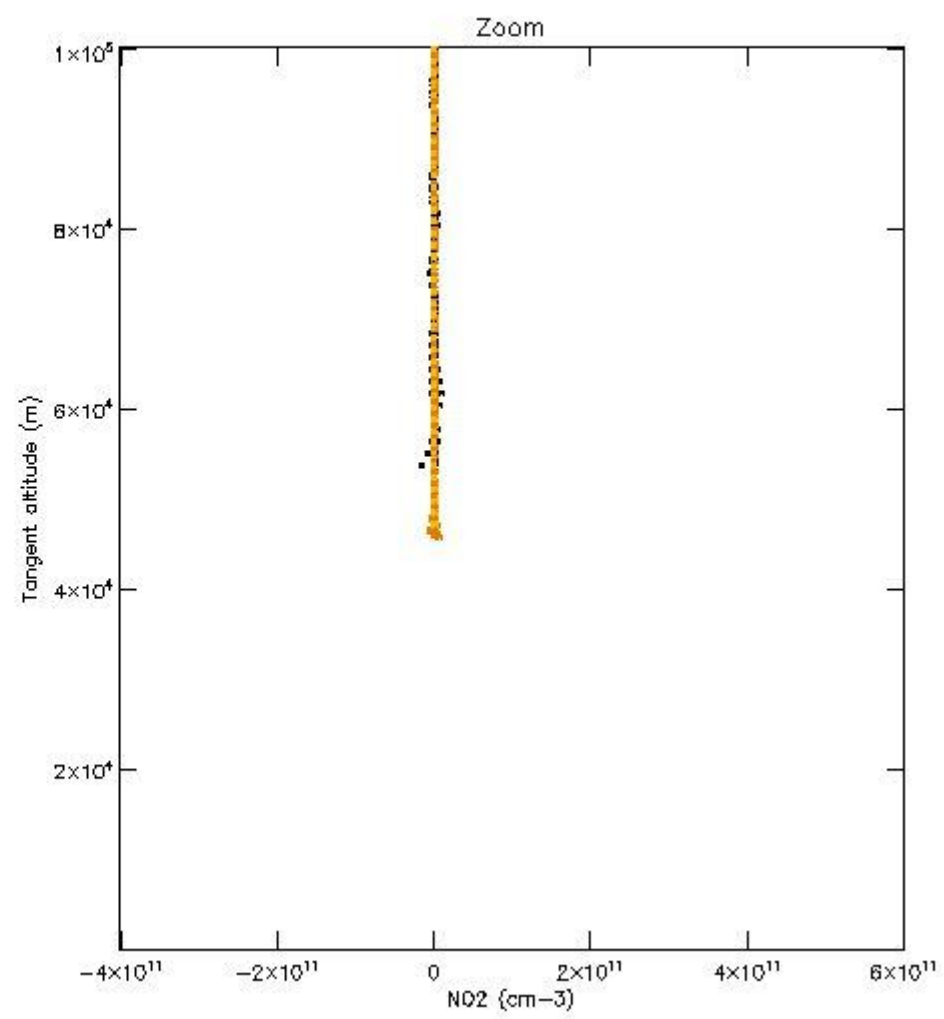
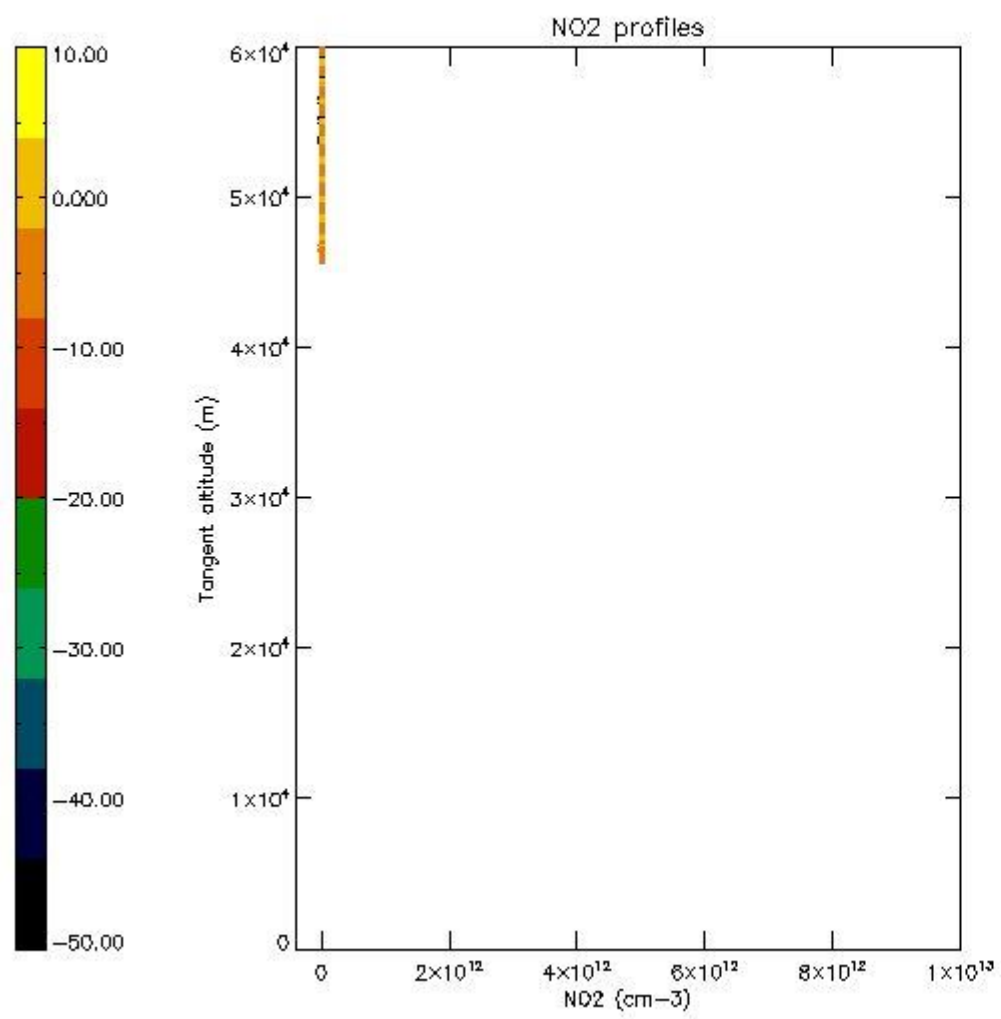
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



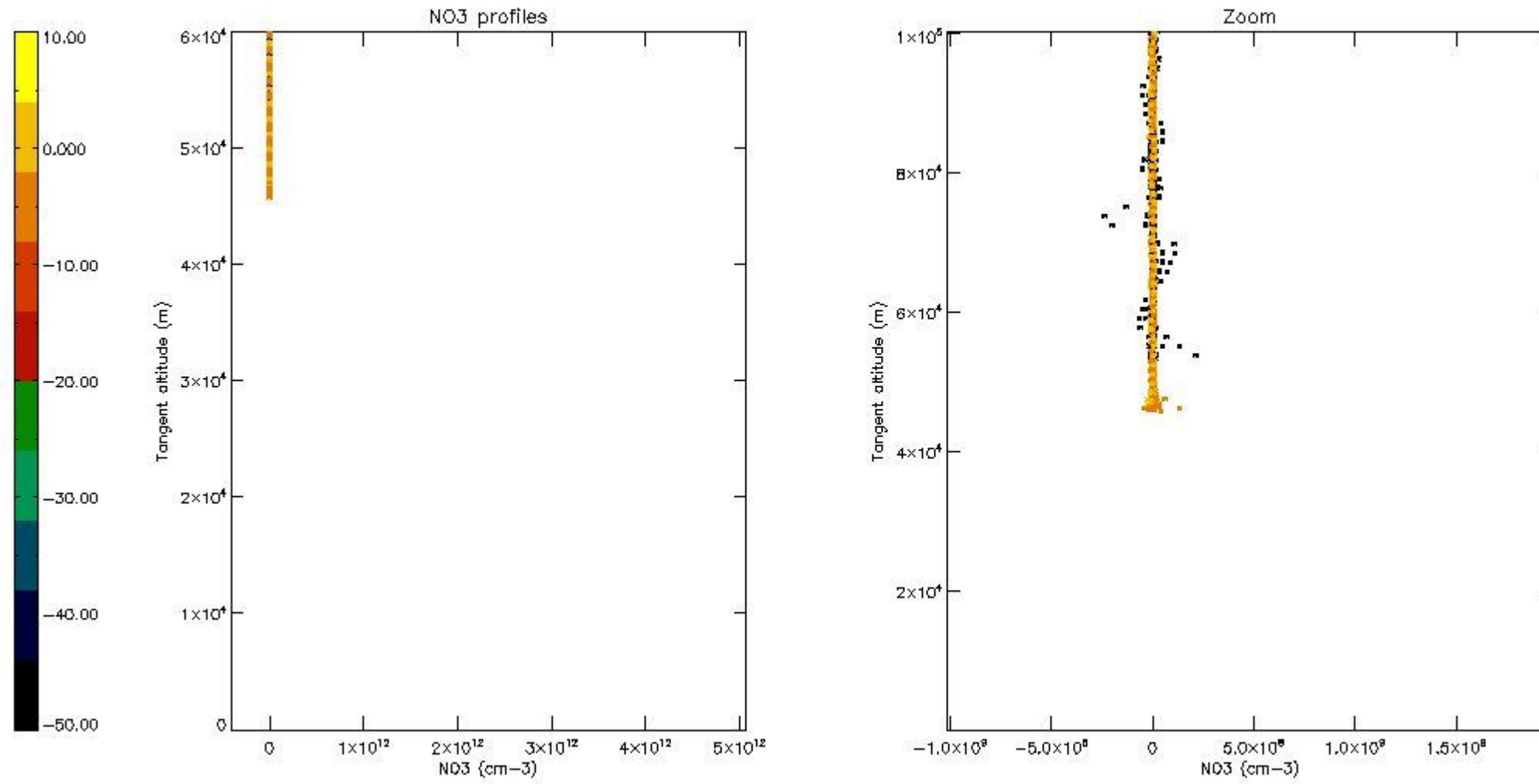
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	10-JUN-2009 00:02:28
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	10-JUN-2009 00:02:28
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	10-JUN-2009 00:02:28

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](#)

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	26APR2013 10:04:37
Data source version	GOMOS/6.01
Start time of products	10-06-2009 (10JUN2009 00:00:00)
Stop time of products	11-06-2009 (11JUN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	168
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__2PRFIN20090610_000228_000000352079_00417_38046_1973.N1	10-JUN-2009 00:02:28	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	38046	No
2	GOM_NL__2PRFIN20090610_000506_000000352079_00417_38046_1974.N1	10-JUN-2009 00:05:06	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	38046	No
3	GOM_NL__2PRFIN20090610_001700_000000312079_00417_38046_1975.N1	10-JUN-2009 00:17:00	Bright	30.500	130	23Bet Dra	2.7990	5800.0	61	38046	No
4	GOM_NL__2PRFIN20090610_002744_000000312079_00417_38046_1976.N1	10-JUN-2009 00:27:44	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38046	No
5	GOM_NL__2PRFIN20090610_003339_000000262079_00417_38046_1977.N1	10-JUN-2009 00:33:39	Twilight	25.500	74	11Bet Cas	2.2680	6600.0	51	38046	No
6	GOM_NL__2PRFIN20090610_004201_000000242079_00417_38046_1978.N1	10-JUN-2009 00:42:01	Twilight	24.000	53	43Bet And	2.0480	3300.0	48	38046	No
7	GOM_NL__2PRFIN20090610_010001_000000302079_00417_38046_1979.N1	10-JUN-2009 01:00:01	Dark	30.000	52	16Bet Cet	2.0370	4500.0	60	38046	No
8	GOM_NL__2PRFIN20090610_011011_000000442079_00418_38047_2016.N1	10-JUN-2009 01:10:11	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	38047	No
9	GOM_NL__2PRFIN20090610_011226_000000342079_00418_38047_2017.N1	10-JUN-2009 01:12:26	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38047	No
10	GOM_NL__2PRFIN20090610_011426_000000352079_00418_38047_2018.N1	10-JUN-2009 01:14:26	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38047	No
11	GOM_NL__2PRFIN20090610_012843_000000322079_00418_38047_2019.N1	10-JUN-2009 01:28:43	Twilight	31.500	38	20Eps Sgr	1.8360	11000.	63	38047	No
12	GOM_NL__2PRFIN20090610_013017_000000322079_00418_38047_2020.N1	10-JUN-2009 01:30:17	Twilight	32.000	116	19Del Sgr	2.7000	4100.0	64	38047	No
13	GOM_NL__2PRFIN20090610_014303_000000352079_00418_38047_2021.N1	10-JUN-2009 01:43:03	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	38047	No
14	GOM_NL__2PRFIN20090610_014542_000000352079_00418_38047_2022.N1	10-JUN-2009 01:45:42	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	38047	No
15	GOM_NL__2PRFIN20090610_015735_000000312079_00418_38047_2023.N1	10-JUN-2009 01:57:35	Bright	30.500	130	23Bet Dra	2.7990	5800.0	61	38047	No
16	GOM_NL__2PRFIN20090610_020819_000000322079_00418_38047_2024.N1	10-JUN-2009 02:08:19	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	38047	No
17	GOM_NL__2PRFIN20090610_021415_000000252079_00418_38047_2025.N1	10-JUN-2009 02:14:15	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	38047	No
18	GOM_NL__2PRFIN20090610_022237_000000252079_00418_38047_2026.N1	10-JUN-2009 02:22:37	Twilight	24.500	53	43Bet And	2.0480	3300.0	49	38047	No
19	GOM_NL__2PRFIN20090610_024038_000000312079_00418_38047_2027.N1	10-JUN-2009 02:40:38	Dark	30.500	52	16Bet Cet	2.0370	4500.0	61	38047	No
20	GOM_NL__2PRFIN20090610_025048_000000442079_00419_38048_2030.N1	10-JUN-2009 02:50:48	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	38048	No
21	GOM_NL__2PRFIN20090610_025302_000000342079_00419_38048_2031.N1	10-JUN-2009 02:53:02	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38048	No
22	GOM_NL__2PRFIN20090610_025503_000000342079_00419_38048_2032.N1	10-JUN-2009 02:55:03	Dark	34.000	31	Alp Gru	1.7340	15200.	68	38048	No
23	GOM_NL__2PRFIN20090610_030919_000000312079_00419_38048_2033.N1	10-JUN-2009 03:09:19	Twilight	31.000	38	20Eps Sgr	1.8360	11000.	62	38048	No
24	GOM_NL__2PRFIN20090610_031119_000000372079_00419_38048_2034.N1	10-JUN-2009 03:11:19	Twilight	36.500	57	34Sig Sgr	2.0660	26000.	73	38048	No
25	GOM_NL__2PRFIN20090610_032339_000000352079_00419_38048_2035.N1	10-JUN-2009 03:23:39	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	38048	No
26	GOM_NL__2PRFIN20090610_032617_000000352079_00419_38048_2036.N1	10-JUN-2009 03:26:17	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	38048	No
27	GOM_NL__2PRFIN20090610_033811_000000312079_00419_38048_2037.N1	10-JUN-2009 03:38:11	Bright	30.500	130	23Bet Dra	2.7990	5800.0	61	38048	No
28	GOM_NL__2PRFIN20090610_034854_000000312079_00419_38048_2038.N1	10-JUN-2009 03:48:54	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38048	No
29	GOM_NL__2PRFIN20090610_035450_000000262079_00419_38048_2039.N1	10-JUN-2009 03:54:50	Twilight	26.000	74	11Bet Cas	2.2680	6600.0	52	38048	No
30	GOM_NL__2PRFIN20090610_040313_000000252079_00419_38048_2040.N1	10-JUN-2009 04:03:13	Twilight	24.500	53	43Bet And	2.0480	3300.0	49	38048	No
31	GOM_NL__2PRFIN20090610_042115_000000302079_00419_38048_2041.N1	10-JUN-2009 04:21:15	Dark	30.000	52	16Bet Cet	2.0370	4500.0	60	38048	No
32	GOM_NL__2PRFIN20090610_043125_000000442079_00420_38049_2045.N1	10-JUN-2009 04:31:25	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	38049	No
33	GOM_NL__2PRFIN20090610_043339_000000342079_00420_38049_2046.N1	10-JUN-2009 04:33:39	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38049	No
34	GOM_NL__2PRFIN20090610_043540_000000352079_00420_38049_2047.N1	10-JUN-2009 04:35:40	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38049	No
35	GOM_NL__2PRFIN20090610_044956_000000322079_00420_38049_2048.N1	10-JUN-2009 04:49:56	Twilight	31.500	38	20Eps Sgr	1.8360	11000.	63	38049	No
36	GOM_NL__2PRFIN20090610_045155_000000372079_00420_38049_2049.N1	10-JUN-2009 04:51:55	Twilight	37.000	57	34Sig Sgr	2.0660	26000.	74	38049	No
37	GOM_NL__2PRFIN20090610_050415_000000352079_00420_38049_2050.N1	10-JUN-2009 05:04:15	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	38049	No
38	GOM_NL__2PRFIN20090610_050653_000000342079_00420_38049_2051.N1	10-JUN-2009 05:06:53	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38049	No
39	GOM_NL__2PRFIN20090610_051847_000000302079_00420_38049_2052.N1	10-JUN-2009 05:18:47	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38049	No
40	GOM_NL__2PRFIN20090610_052930_000000312079_00420_38049_2053.N1	10-JUN-2009 05:29:30	Twilight	30.500	89	5Alp Cep	2.4510	8000.0	61	38049	No
41	GOM_NL__2PRFIN20090610_053527_000000252079_00420_38049_2054.N1	10-JUN-2009 05:35:27	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	38049	No
42	GOM_NL__2PRFIN20090610_054349_000000242079_00420_38049_2055.N1	10-JUN-2009 05:43:49	Twilight	24.000	53	43Bet And	2.0480	3300.0	48	38049	No

43	GOM_NL__2PRFIN20090610_060152_000000302079_00420_38049_2056.N1	10-JUN-2009 06:01:52	Dark	30.000	52	16Bet Cet	2.0370	4500.0	60	38049	No
44	GOM_NL__2PRFIN20090610_061203_000000442079_00421_38050_2059.N1	10-JUN-2009 06:12:03	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	38050	No
45	GOM_NL__2PRFIN20090610_061416_000000342079_00421_38050_2060.N1	10-JUN-2009 06:14:16	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38050	No
46	GOM_NL__2PRFIN20090610_061617_000000352079_00421_38050_2061.N1	10-JUN-2009 06:16:17	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38050	No
47	GOM_NL__2PRFIN20090610_063033_000000312079_00421_38050_2062.N1	10-JUN-2009 06:30:33	Tw_i_and_stray	30.500	38	20Eps Sgr	1.8360	11000.	61	38050	No
48	GOM_NL__2PRFIN20090610_063232_000000372079_00421_38050_2063.N1	10-JUN-2009 06:32:32	Tw_i_and_stray	37.000	57	34Sig Sgr	2.0660	26000.	74	38050	No
49	GOM_NL__2PRFIN20090610_064451_000000342079_00421_38050_2064.N1	10-JUN-2009 06:44:51	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	38050	No
50	GOM_NL__2PRFIN20090610_064728_000000342079_00421_38050_2065.N1	10-JUN-2009 06:47:28	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38050	No
51	GOM_NL__2PRFIN20090610_065922_000000302079_00421_38050_2066.N1	10-JUN-2009 06:59:22	Bright	29.500	130	23Bet Dra	2.7990	5800.0	59	38050	No
52	GOM_NL__2PRFIN20090610_071602_000000262079_00421_38050_2067.N1	10-JUN-2009 07:16:02	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38050	No
53	GOM_NL__2PRFIN20090610_072425_000000252079_00421_38050_2068.N1	10-JUN-2009 07:24:25	Tw_i_and_stray	24.500	53	43Bet And	2.0480	3300.0	49	38050	No
54	GOM_NL__2PRFIN20090610_074229_000000312079_00421_38050_2069.N1	10-JUN-2009 07:42:29	Dark	30.500	52	16Bet Cet	2.0370	4500.0	61	38050	No
55	GOM_NL__2PRFIN20090610_075454_000000332079_00422_38051_2074.N1	10-JUN-2009 07:54:54	Dark	33.000	63	Bet Gru	2.1500	2800.0	66	38051	No
56	GOM_NL__2PRFIN20090610_075654_000000352079_00422_38051_2075.N1	10-JUN-2009 07:56:54	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38051	No
57	GOM_NL__2PRFIN20090610_081109_000000312079_00422_38051_2076.N1	10-JUN-2009 08:11:09	Tw_i_and_stray	30.500	38	20Eps Sgr	1.8360	11000.	61	38051	No
58	GOM_NL__2PRFIN20090610_081309_000000362079_00422_38051_2077.N1	10-JUN-2009 08:13:09	Tw_i_and_stray	35.500	57	34Sig Sgr	2.0660	26000.	71	38051	No
59	GOM_NL__2PRFIN20090610_082526_000000342079_00422_38051_2078.N1	10-JUN-2009 08:25:26	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	38051	No
60	GOM_NL__2PRFIN20090610_082804_000000342079_00422_38051_2079.N1	10-JUN-2009 08:28:04	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38051	No
61	GOM_NL__2PRFIN20090610_083957_000000312079_00422_38051_2080.N1	10-JUN-2009 08:39:57	Bright	30.500	130	23Bet Dra	2.7990	5800.0	61	38051	No
62	GOM_NL__2PRFIN20090610_085040_000000322079_00422_38051_2081.N1	10-JUN-2009 08:50:40	Tw_i_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	38051	No
63	GOM_NL__2PRFIN20090610_085638_000000262079_00422_38051_2082.N1	10-JUN-2009 08:56:38	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38051	No
64	GOM_NL__2PRFIN20090610_090501_000000242079_00422_38051_2083.N1	10-JUN-2009 09:05:01	Tw_i_and_stray	24.000	53	43Bet And	2.0480	3300.0	48	38051	No
65	GOM_NL__2PRFIN20090610_092305_000000312079_00422_38051_2084.N1	10-JUN-2009 09:23:05	Dark	30.500	52	16Bet Cet	2.0370	4500.0	61	38051	No
66	GOM_NL__2PRFIN20090610_093530_000000342079_00423_38052_2085.N1	10-JUN-2009 09:35:30	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38052	No
67	GOM_NL__2PRFIN20090610_093731_000000352079_00423_38052_2086.N1	10-JUN-2009 09:37:31	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38052	No
68	GOM_NL__2PRFIN20090610_095145_000000312079_00423_38052_2087.N1	10-JUN-2009 09:51:45	Tw_i_and_stray	31.000	38	20Eps Sgr	1.8360	11000.	62	38052	No
69	GOM_NL__2PRFIN20090610_095344_000000372079_00423_38052_2088.N1	10-JUN-2009 09:53:44	Tw_i_and_stray	36.500	57	34Sig Sgr	2.0660	26000.	73	38052	No
70	GOM_NL__2PRFIN20090610_100602_000000352079_00423_38052_2089.N1	10-JUN-2009 10:06:02	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	38052	No
71	GOM_NL__2PRFIN20090610_100839_000000342079_00423_38052_2090.N1	10-JUN-2009 10:08:39	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38052	No
72	GOM_NL__2PRFIN20090610_102033_000000312079_00423_38052_2091.N1	10-JUN-2009 10:20:33	Bright	30.500	130	23Bet Dra	2.7990	5800.0	61	38052	No
73	GOM_NL__2PRFIN20090610_103116_000000312079_00423_38052_2092.N1	10-JUN-2009 10:31:16	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38052	No
74	GOM_NL__2PRFIN20090610_103713_000000262079_00423_38052_2093.N1	10-JUN-2009 10:37:13	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38052	No
75	GOM_NL__2PRFIN20090610_104537_000000252079_00423_38052_2094.N1	10-JUN-2009 10:45:37	Tw_i_and_stray	24.500	53	43Bet And	2.0480	3300.0	49	38052	No
76	GOM_NL__2PRFIN20090610_110342_000000312079_00423_38052_2095.N1	10-JUN-2009 11:03:42	Dark	30.500	52	16Bet Cet	2.0370	4500.0	61	38052	No
77	GOM_NL__2PRFIN20090610_111355_000000442079_00424_38053_2102.N1	10-JUN-2009 11:13:55	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	38053	No
78	GOM_NL__2PRFIN20090610_111607_000000342079_00424_38053_2103.N1	10-JUN-2009 11:16:07	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38053	No
79	GOM_NL__2PRFIN20090610_111808_000000352079_00424_38053_2104.N1	10-JUN-2009 11:18:08	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38053	No
80	GOM_NL__2PRFIN20090610_113221_000000312079_00424_38053_2105.N1	10-JUN-2009 11:32:21	Tw_i_and_stray	31.000	38	20Eps Sgr	1.8360	11000.	62	38053	No
81	GOM_NL__2PRFIN20090610_113421_000000362079_00424_38053_2106.N1	10-JUN-2009 11:34:21	Tw_i_and_stray	36.000	57	34Sig Sgr	2.0660	26000.	72	38053	No
82	GOM_NL__2PRFIN20090610_114637_000000352079_00424_38053_2107.N1	10-JUN-2009 11:46:37	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	38053	No
83	GOM_NL__2PRFIN20090610_114914_000000342079_00424_38053_2108.N1	10-JUN-2009 11:49:14	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38053	No
84	GOM_NL__2PRFIN20090610_121151_000000312079_00424_38053_2109.N1	10-JUN-2009 12:11:51	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38053	No
85	GOM_NL__2PRFIN20090610_121749_000000262079_00424_38053_2110.N1	10-JUN-2009 12:17:49	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38053	No
86	GOM_NL__2PRFIN20090610_122613_000000252079_00424_38053_2111.N1	10-JUN-2009 12:26:13	Tw_i_and_stray	24.500	53	43Bet And	2.0480	3300.0	49	38053	No
87	GOM_NL__2PRFIN20090610_124419_000000312079_00424_38053_2112.N1	10-JUN-2009 12:44:19	Dark	30.500	52	16Bet Cet	2.0370	4500.0	61	38053	No
88	GOM_NL__2PRFIN20090610_125433_000000442079_00425_38054_2119.N1	10-JUN-2009 12:54:33	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	38054	No
89	GOM_NL__2PRFIN20090610_125644_000000342079_00425_38054_2120.N1	10-JUN-2009 12:56:44	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38054	No
90	GOM_NL__2PRFIN20090610_125845_000000342079_00425_38054_2121.N1	10-JUN-2009 12:58:45	Dark	34.000	31	Alp Gru	1.7340	15200.	68	38054	No
91	GOM_NL__2PRFIN20090610_131258_000000312079_00425_38054_2122.N1	10-JUN-2009 13:12:58	Tw_i_and_stray	30.500	38	20Eps Sgr	1.8360	11000.	61	38054	No
92	GOM_NL__2PRFIN20090610_131457_000000372079_00425_38054_2123.N1	10-JUN-2009 13:14:57	Tw_i_and_stray	36.500	57	34Sig Sgr	2.0660	26000.	73	38054	No
93	GOM_NL__2PRFIN20090610_132712_000000352079_00425_38054_2124.N1	10-JUN-2009 13:27:12	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	38054	No
94	GOM_NL__2PRFIN20090610_132950_000000342079_00425_38054_2125.N1	10-JUN-2009 13:29:50	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38054	No
95	GOM_NL__2PRFIN20090610_134144_000000302079_00425_38054_2126.N1	10-JUN-2009 13:41:44	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38054	No
96	GOM_NL__2PRFIN20090610_135825_000000262079_00425_38054_2127.N1	10-JUN-2009 13:58:25	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38054	No
97	GOM_NL__2PRFIN20090610_140649_000000252079_00425_38054_2128.N1	10-JUN-2009 14:06:49	Tw_i_and_stray	24.500	53	43Bet And	2.0480	3300.0	49	38054	No
98	GOM_NL__2PRFIN20090610_142455_000000312079_00425_38054_2129.N1	10-JUN-2009 14:24:55	Dark	31.000	52	16Bet Cet	2.0370	4500.0	62	38054	No
99	GOM_NL__2PRFIN20090610_143510_000000442079_00426_38055_2133.N1	10-JUN-2009 14:35:10	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	38055	No
100	GOM_NL__2PRFIN20090610_143721_000000342079_00426_38055_2134.N1	10-JUN-2009 14:37:21	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38055	No
101	GOM_NL__2PRFIN20090610_143922_000000352079_00426_38055_2135.N1	10-JUN-2009 14:39:22	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38055	No

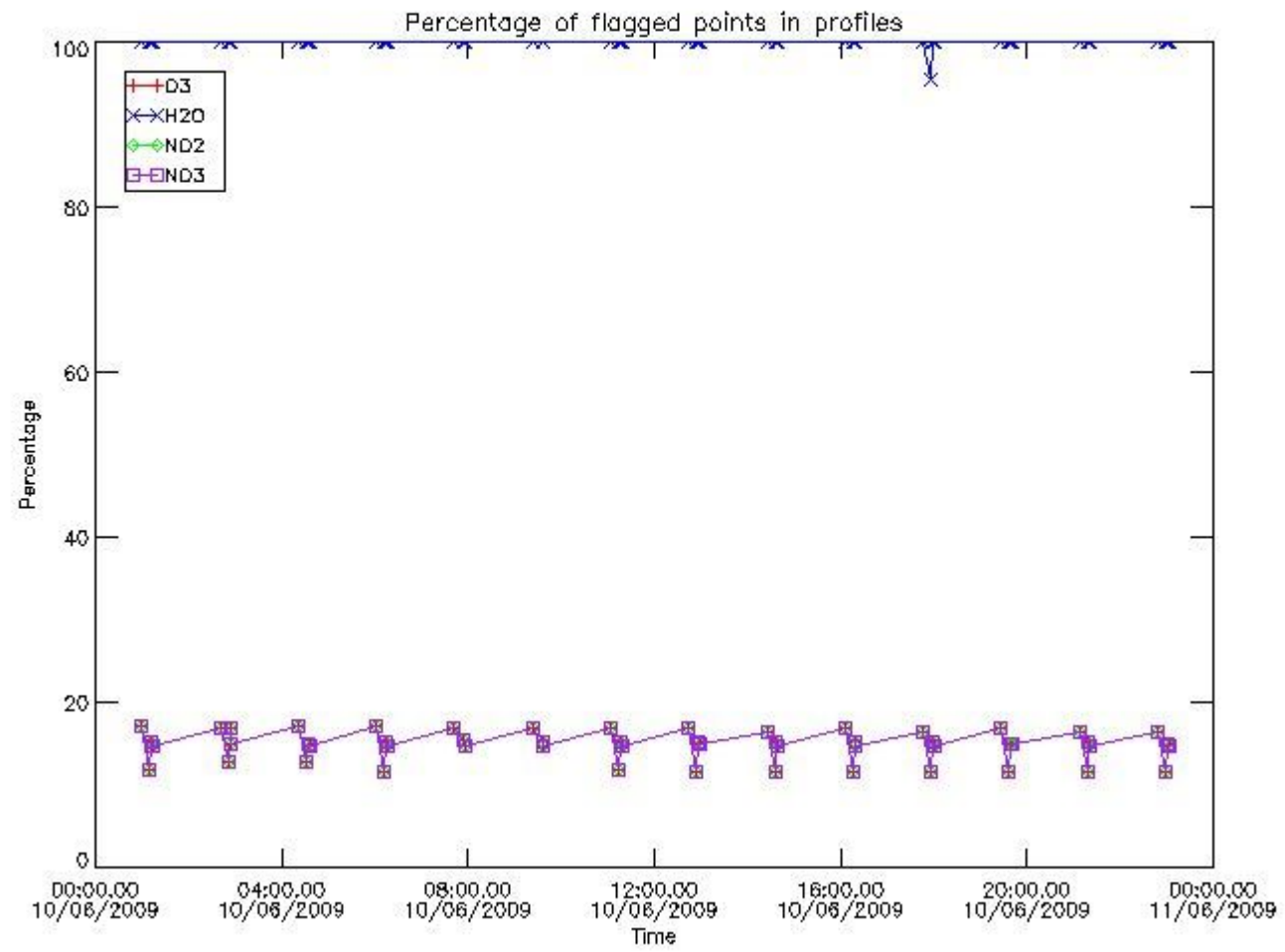
102	GOM_NL__2PRFIN20090610_145334_000000312079_00426_38055_2136.N1	10-JUN-2009 14:53:34	Tw_i_and_stray	31.000	38	20Eps Sgr	1.8360	11000.	62	38055	No
103	GOM_NL__2PRFIN20090610_145533_000000362079_00426_38055_2137.N1	10-JUN-2009 14:55:33	Tw_i_and_stray	36.000	57	34Sig Sgr	2.0660	26000.	72	38055	No
104	GOM_NL__2PRFIN20090610_150748_000000352079_00426_38055_2138.N1	10-JUN-2009 15:07:48	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	38055	No
105	GOM_NL__2PRFIN20090610_151025_000000342079_00426_38055_2139.N1	10-JUN-2009 15:10:25	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38055	No
106	GOM_NL__2PRFIN20090610_152219_000000302079_00426_38055_2140.N1	10-JUN-2009 15:22:19	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38055	No
107	GOM_NL__2PRFIN20090610_153301_000000322079_00426_38055_2141.N1	10-JUN-2009 15:33:01	Tw_i_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	38055	No
108	GOM_NL__2PRFIN20090610_153900_000000262079_00426_38055_2142.N1	10-JUN-2009 15:39:00	Tw_i_and_stray	26.000	74	11Bet Cas	2.2680	6600.0	52	38055	No
109	GOM_NL__2PRFIN20090610_154725_000000252079_00426_38055_2143.N1	10-JUN-2009 15:47:25	Tw_i_and_stray	24.500	53	43Bet And	2.0480	3300.0	49	38055	No
110	GOM_NL__2PRFIN20090610_160533_000000312079_00426_38055_2144.N1	10-JUN-2009 16:05:33	Dark	30.500	52	16Bet Cet	2.0370	4500.0	61	38055	No
111	GOM_NL__2PRFIN20090610_161548_000000442079_00427_38056_2147.N1	10-JUN-2009 16:15:48	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	38056	No
112	GOM_NL__2PRFIN20090610_161758_000000342079_00427_38056_2148.N1	10-JUN-2009 16:17:58	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38056	No
113	GOM_NL__2PRFIN20090610_161959_000000352079_00427_38056_2149.N1	10-JUN-2009 16:19:59	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38056	No
114	GOM_NL__2PRFIN20090610_163411_000000312079_00427_38056_2150.N1	10-JUN-2009 16:34:11	Tw_i_and_stray	31.000	38	20Eps Sgr	1.8360	11000.	62	38056	No
115	GOM_NL__2PRFIN20090610_163610_000000372079_00427_38056_2151.N1	10-JUN-2009 16:36:10	Tw_i_and_stray	37.000	57	34Sig Sgr	2.0660	26000.	74	38056	No
116	GOM_NL__2PRFIN20090610_164824_000000352079_00427_38056_2152.N1	10-JUN-2009 16:48:24	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	38056	No
117	GOM_NL__2PRFIN20090610_165101_000000342079_00427_38056_2153.N1	10-JUN-2009 16:51:01	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38056	No
118	GOM_NL__2PRFIN20090610_170255_000000302079_00427_38056_2154.N1	10-JUN-2009 17:02:55	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38056	No
119	GOM_NL__2PRFIN20090610_171337_000000312079_00427_38056_2155.N1	10-JUN-2009 17:13:37	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38056	No
120	GOM_NL__2PRFIN20090610_171936_000000262079_00427_38056_2156.N1	10-JUN-2009 17:19:36	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38056	No
121	GOM_NL__2PRFIN20090610_172801_000000242079_00427_38056_2157.N1	10-JUN-2009 17:28:01	Tw_i_and_stray	24.000	53	43Bet And	2.0480	3300.0	48	38056	No
122	GOM_NL__2PRFIN20090610_174609_000000312079_00427_38056_2158.N1	10-JUN-2009 17:46:09	Dark	31.000	52	16Bet Cet	2.0370	4500.0	62	38056	No
123	GOM_NL__2PRFIN20090610_175626_000000442079_00428_38057_2184.N1	10-JUN-2009 17:56:26	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	38057	No
124	GOM_NL__2PRFIN20090610_175835_000000342079_00428_38057_2185.N1	10-JUN-2009 17:58:35	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38057	No
125	GOM_NL__2PRFIN20090610_180036_000000342079_00428_38057_2186.N1	10-JUN-2009 18:00:36	Dark	34.000	31	Alp Gru	1.7340	15200.	68	38057	No
126	GOM_NL__2PRFIN20090610_181447_000000312079_00428_38057_2187.N1	10-JUN-2009 18:14:47	Tw_i_and_stray	31.000	38	20Eps Sgr	1.8360	11000.	62	38057	No
127	GOM_NL__2PRFIN20090610_181646_000000372079_00428_38057_2188.N1	10-JUN-2009 18:16:46	Tw_i_and_stray	37.000	57	34Sig Sgr	2.0660	26000.	74	38057	No
128	GOM_NL__2PRFIN20090610_182859_000000352079_00428_38057_2189.N1	10-JUN-2009 18:28:59	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	38057	No
129	GOM_NL__2PRFIN20090610_183137_000000342079_00428_38057_2190.N1	10-JUN-2009 18:31:37	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38057	No
130	GOM_NL__2PRFIN20090610_184330_000000312079_00428_38057_2191.N1	10-JUN-2009 18:43:30	Bright	30.500	130	23Bet Dra	2.7990	5800.0	61	38057	No
131	GOM_NL__2PRFIN20090610_185412_000000322079_00428_38057_2192.N1	10-JUN-2009 18:54:12	Tw_i_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	38057	No
132	GOM_NL__2PRFIN20090610_190012_000000262079_00428_38057_2193.N1	10-JUN-2009 19:00:12	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38057	No
133	GOM_NL__2PRFIN20090610_190837_000000252079_00428_38057_2194.N1	10-JUN-2009 19:08:37	Tw_i_and_stray	24.500	53	43Bet And	2.0480	3300.0	49	38057	No
134	GOM_NL__2PRFIN20090610_192646_000000312079_00428_38057_2195.N1	10-JUN-2009 19:26:46	Dark	30.500	52	16Bet Cet	2.0370	4500.0	61	38057	No
135	GOM_NL__2PRFIN20090610_193703_000000442079_00429_38058_2201.N1	10-JUN-2009 19:37:03	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	38058	No
136	GOM_NL__2PRFIN20090610_193911_000000342079_00429_38058_2202.N1	10-JUN-2009 19:39:11	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38058	No
137	GOM_NL__2PRFIN20090610_194113_000000342079_00429_38058_2203.N1	10-JUN-2009 19:41:13	Dark	33.500	31	Alp Gru	1.7340	15200.	67	38058	No
138	GOM_NL__2PRFIN20090610_195523_000000312079_00429_38058_2204.N1	10-JUN-2009 19:55:23	Tw_i_and_stray	31.000	38	20Eps Sgr	1.8360	11000.	62	38058	No
139	GOM_NL__2PRFIN20090610_195722_000000372079_00429_38058_2205.N1	10-JUN-2009 19:57:22	Tw_i_and_stray	37.000	57	34Sig Sgr	2.0660	26000.	74	38058	No
140	GOM_NL__2PRFIN20090610_200935_000000342079_00429_38058_2206.N1	10-JUN-2009 20:09:35	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	38058	No
141	GOM_NL__2PRFIN20090610_201212_000000342079_00429_38058_2207.N1	10-JUN-2009 20:12:12	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	38058	No
142	GOM_NL__2PRFIN20090610_202405_000000312079_00429_38058_2208.N1	10-JUN-2009 20:24:05	Bright	30.500	130	23Bet Dra	2.7990	5800.0	61	38058	No
143	GOM_NL__2PRFIN20090610_203447_000000312079_00429_38058_2209.N1	10-JUN-2009 20:34:47	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38058	No
144	GOM_NL__2PRFIN20090610_204048_000000262079_00429_38058_2210.N1	10-JUN-2009 20:40:48	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38058	No
145	GOM_NL__2PRFIN20090610_204913_000000242079_00429_38058_2211.N1	10-JUN-2009 20:49:13	Tw_i_and_stray	24.000	53	43Bet And	2.0480	3300.0	48	38058	No
146	GOM_NL__2PRFIN20090610_210723_000000312079_00429_38058_2212.N1	10-JUN-2009 21:07:23	Dark	31.000	52	16Bet Cet	2.0370	4500.0	62	38058	No
147	GOM_NL__2PRFIN20090610_211740_000000442079_00430_38059_2219.N1	10-JUN-2009 21:17:40	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	38059	No
148	GOM_NL__2PRFIN20090610_211948_000000342079_00430_38059_2220.N1	10-JUN-2009 21:19:48	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38059	No
149	GOM_NL__2PRFIN20090610_212149_000000352079_00430_38059_2221.N1	10-JUN-2009 21:21:49	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38059	No
150	GOM_NL__2PRFIN20090610_213600_000000312079_00430_38059_2222.N1	10-JUN-2009 21:36:00	Tw_i_and_stray	31.000	38	20Eps Sgr	1.8360	11000.	62	38059	No
151	GOM_NL__2PRFIN20090610_213759_000000372079_00430_38059_2223.N1	10-JUN-2009 21:37:59	Tw_i_and_stray	36.500	57	34Sig Sgr	2.0660	26000.	73	38059	No
152	GOM_NL__2PRFIN20090610_215010_000000352079_00430_38059_2224.N1	10-JUN-2009 21:50:10	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	38059	No
153	GOM_NL__2PRFIN20090610_215247_000000342079_00430_38059_2225.N1	10-JUN-2009 21:52:47	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38059	No
154	GOM_NL__2PRFIN20090610_220441_000000312079_00430_38059_2226.N1	10-JUN-2009 22:04:41	Bright	30.500	130	23Bet Dra	2.7990	5800.0	61	38059	No
155	GOM_NL__2PRFIN20090610_221522_000000312079_00430_38059_2227.N1	10-JUN-2009 22:15:22	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38059	No
156	GOM_NL__2PRFIN20090610_222123_000000262079_00430_38059_2228.N1	10-JUN-2009 22:21:23	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38059	No
157	GOM_NL__2PRFIN20090610_222949_000000252079_00430_38059_2229.N1	10-JUN-2009 22:29:49	Tw_i_and_stray	24.500	53	43Bet And	2.0480	3300.0	49	38059	No
158	GOM_NL__2PRFIN20090610_224759_000000312079_00430_38059_2230.N1	10-JUN-2009 22:47:59	Dark	31.000	52	16Bet Cet	2.0370	4500.0	62	38059	No
159	GOM_NL__2PRFIN20090610_225818_000000442079_00431_38060_2235.N1	10-JUN-2009 22:58:18	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	38060	No
160	GOM_NL__2PRFIN20090610_230025_000000342079_00431_38060_2236.N1	10-JUN-2009 23:00:25	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38060	No

161	GOM_NL__2PRFIN20090610_230226_000000352079_00431_38060_2237.N1	10-JUN-2009 23:02:26	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38060	No
162	GOM_NL__2PRFIN20090610_230356_000000432079_00431_38060_2238.N1	10-JUN-2009 23:03:56	Straylight	42.500	172	Gam Gru	3.0030	13100.	85	38060	No
163	GOM_NL__2PRFIN20090610_231636_000000312079_00431_38060_2239.N1	10-JUN-2009 23:16:36	Twilight_and_stray	31.000	38	20Eps Sgr	1.8360	11000.	62	38060	No
164	GOM_NL__2PRFIN20090610_231835_000000372079_00431_38060_2240.N1	10-JUN-2009 23:18:35	Twilight_and_stray	36.500	57	34Sig Sgr	2.0660	26000.	73	38060	No
165	GOM_NL__2PRFIN20090610_233046_000000342079_00431_38060_2241.N1	10-JUN-2009 23:30:46	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	38060	No
166	GOM_NL__2PRFIN20090610_233323_000000342079_00431_38060_2242.N1	10-JUN-2009 23:33:23	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38060	No
167	GOM_NL__2PRFIN20090610_234516_000000312079_00431_38060_2243.N1	10-JUN-2009 23:45:16	Bright	30.500	130	23Bet Dra	2.7990	5800.0	61	38060	No
168	GOM_NL__2PRFIN20090610_235558_000000322079_00431_38060_2244.N1	10-JUN-2009 23:55:58	Twilight_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	38060	No

3. Quality information per product

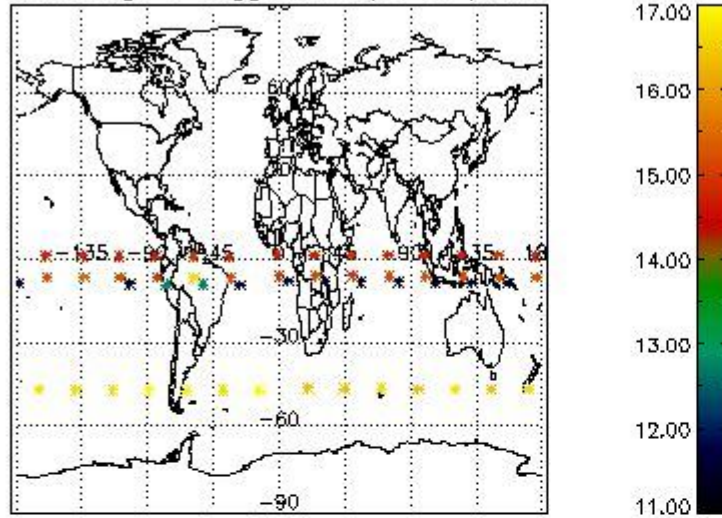
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

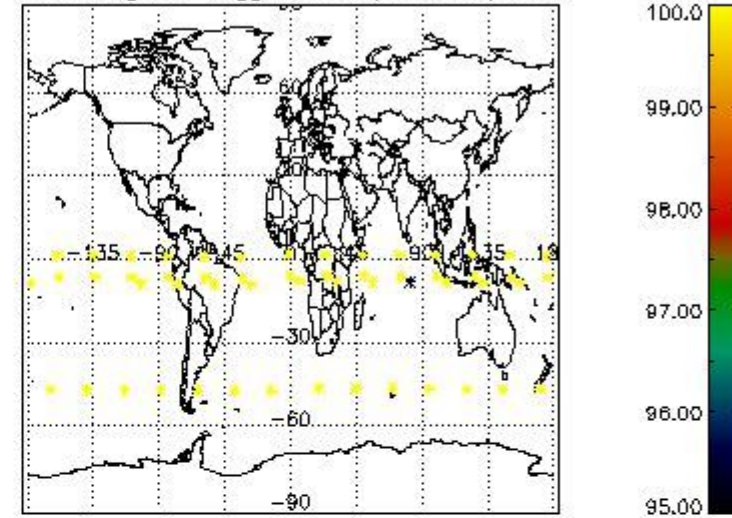


3.2 Plot quality information per product (world map)

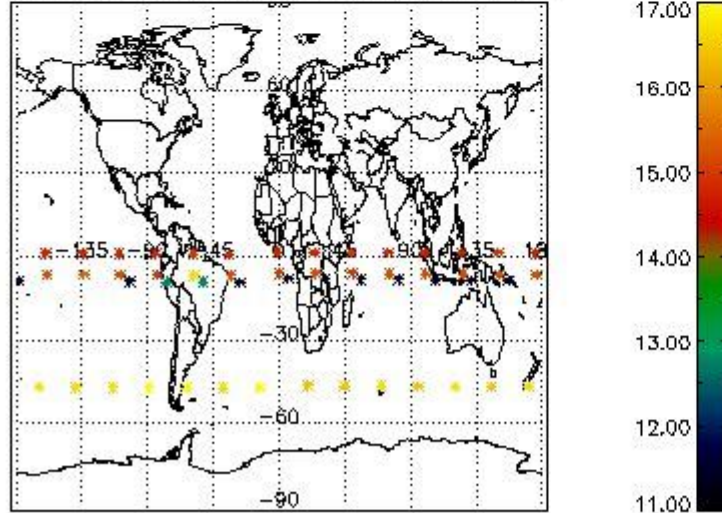
Percentage of flagged data per O3 profile



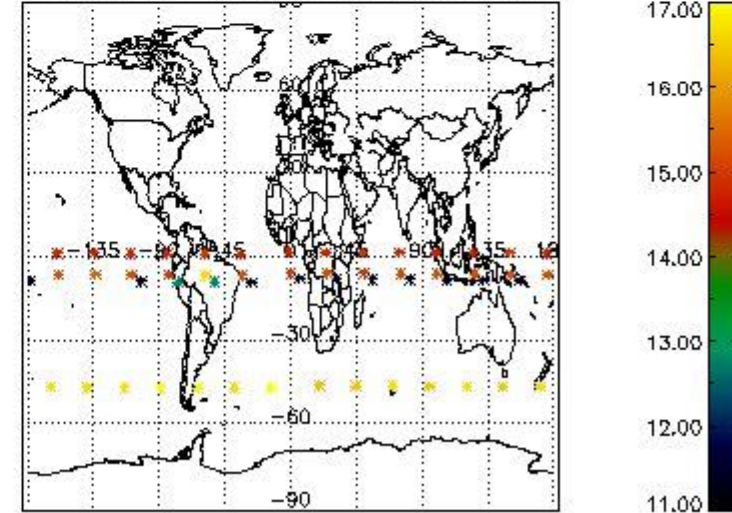
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

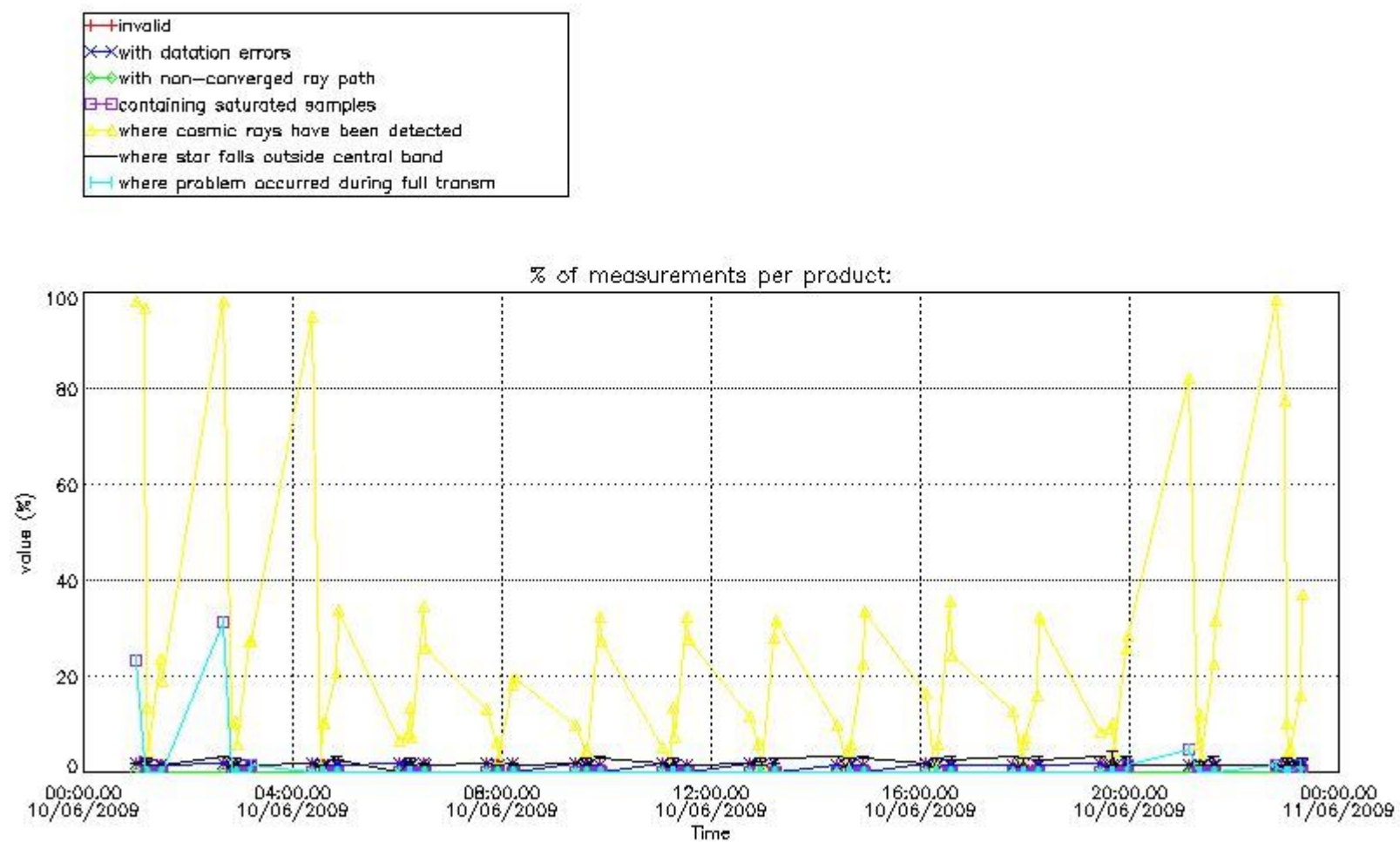


4. Level 1 quality information per product

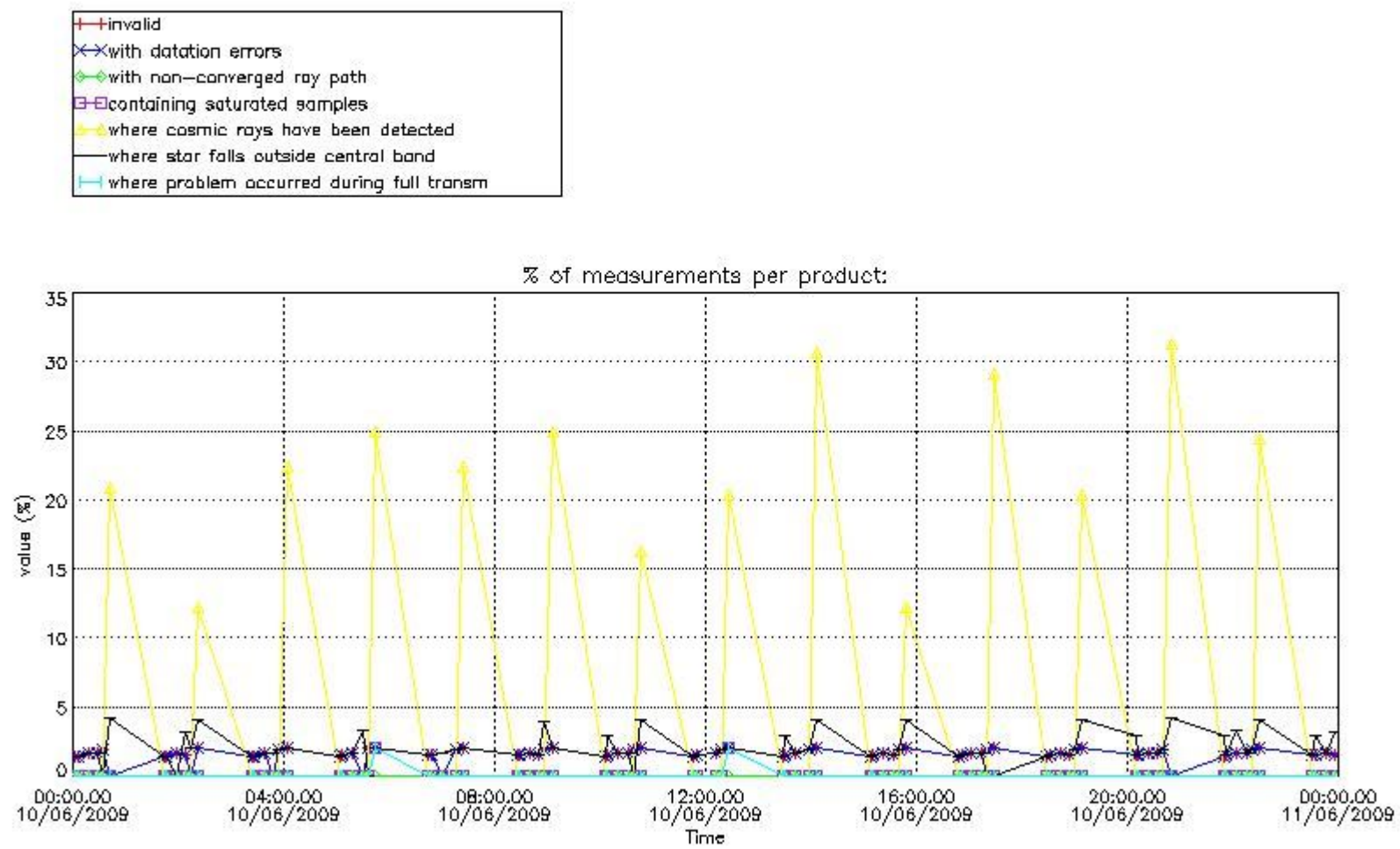
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

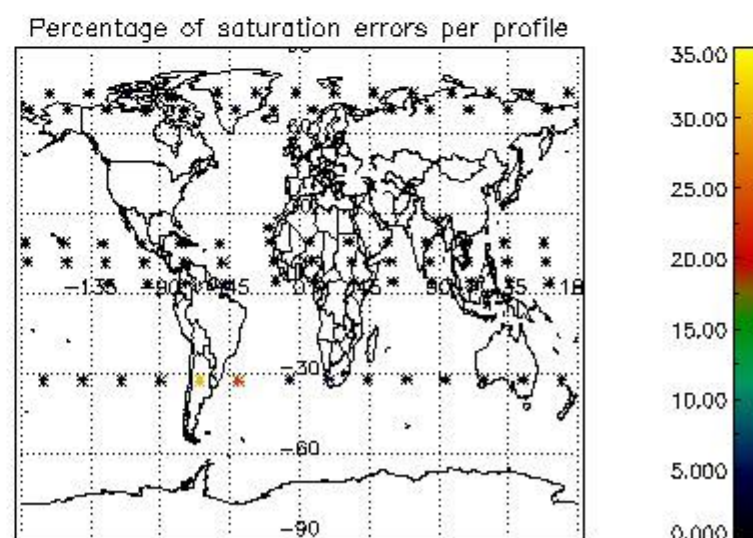
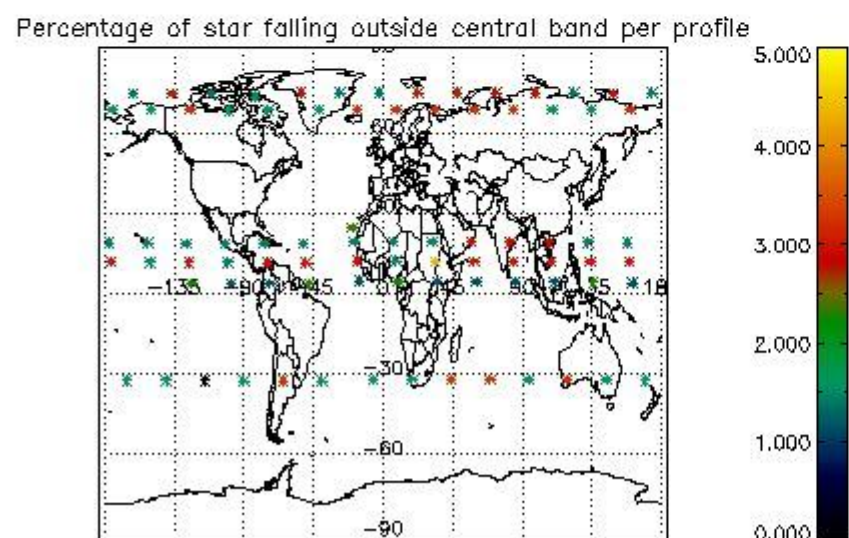
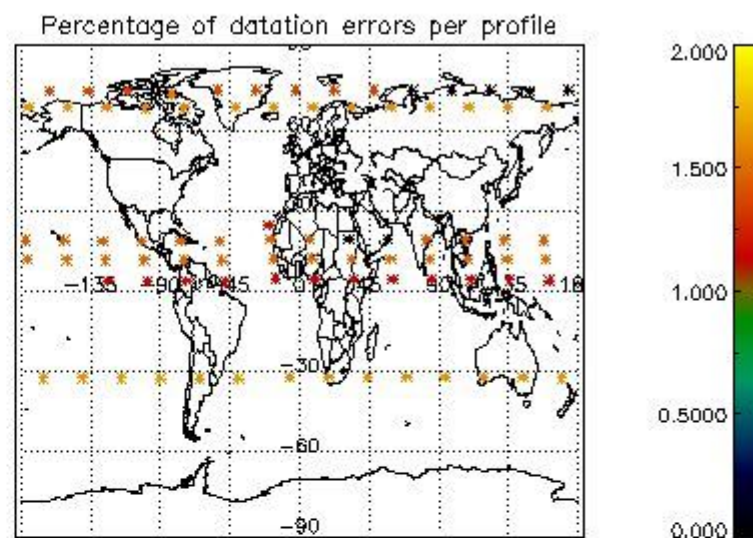
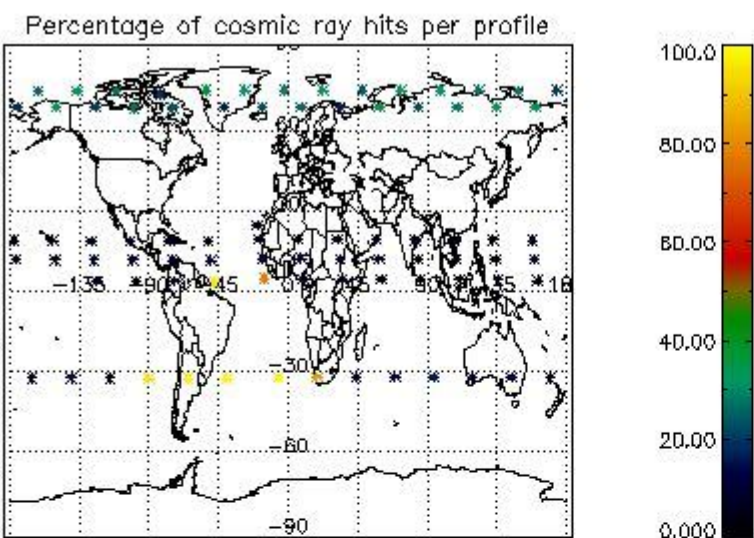


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

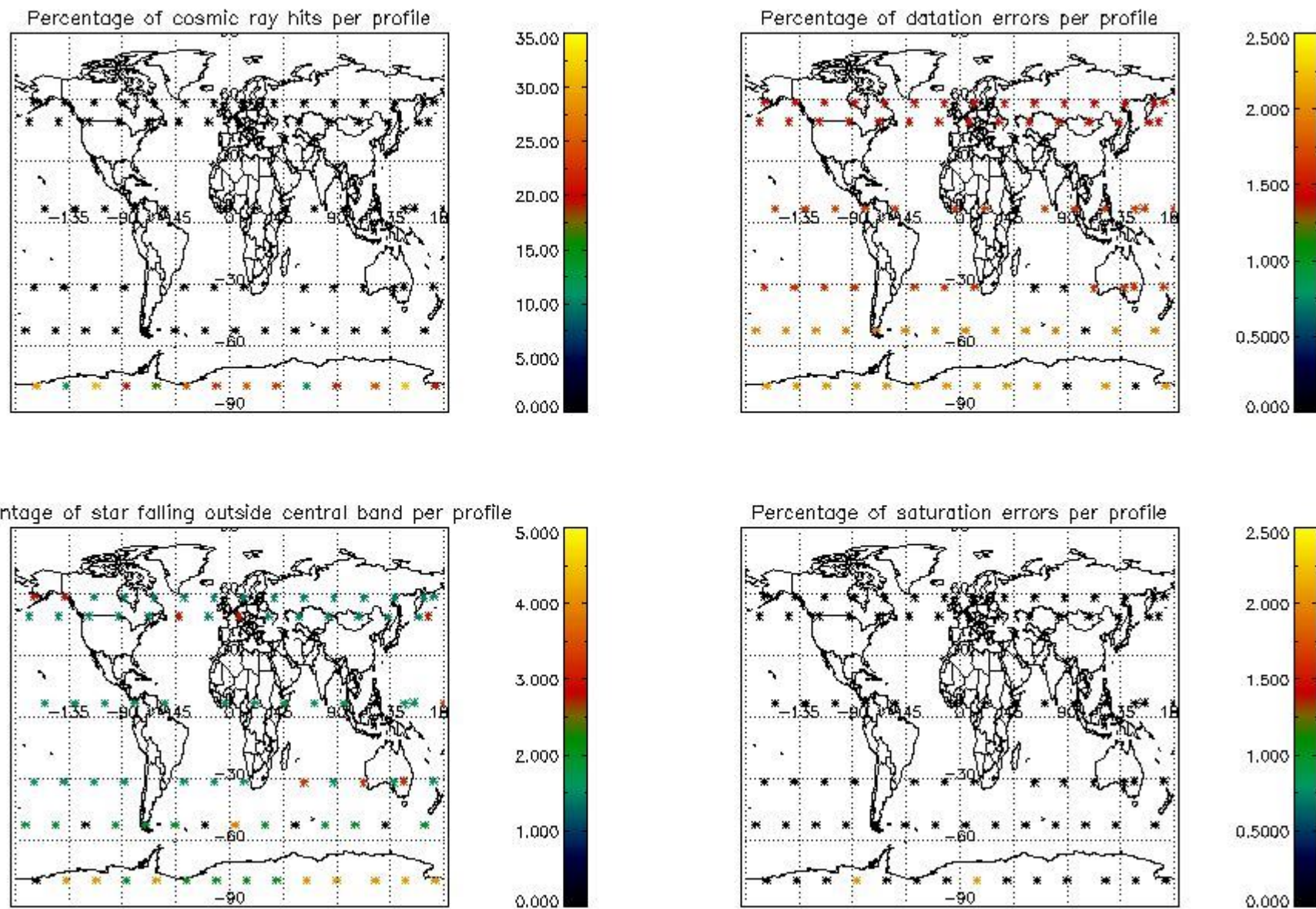


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

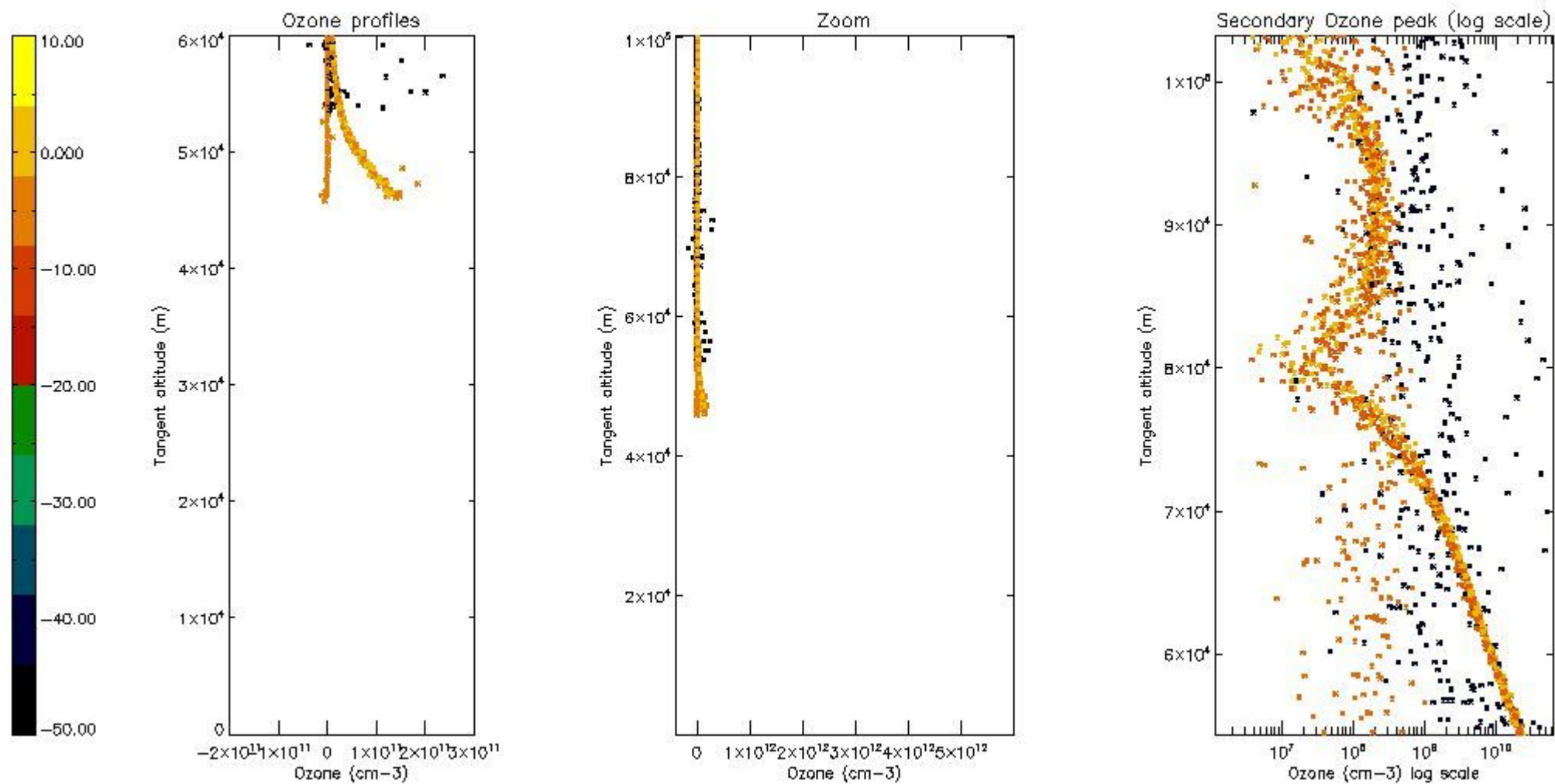
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	36
STD < 20	9

STD < 10	7
STD < 5	7

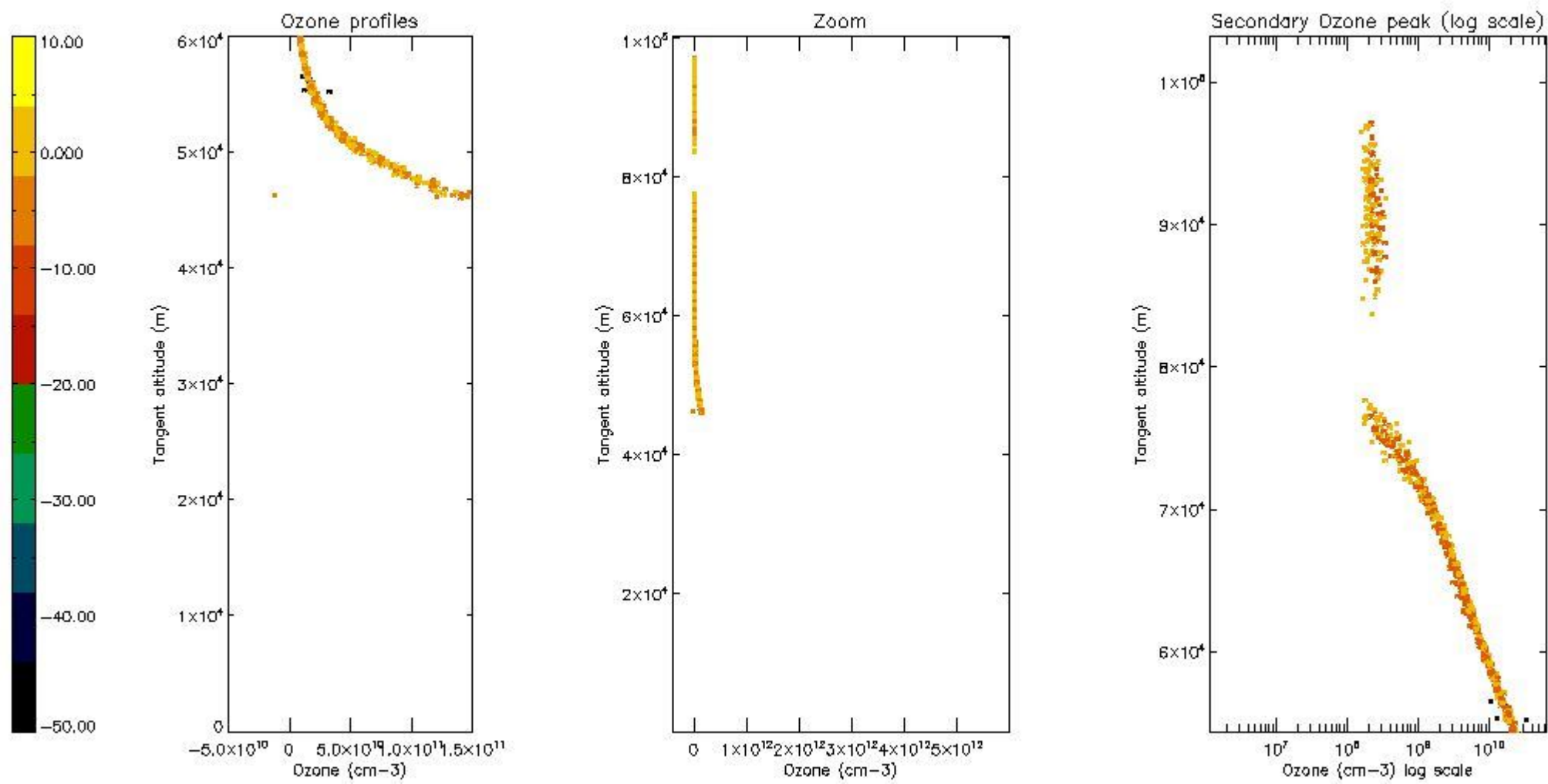
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



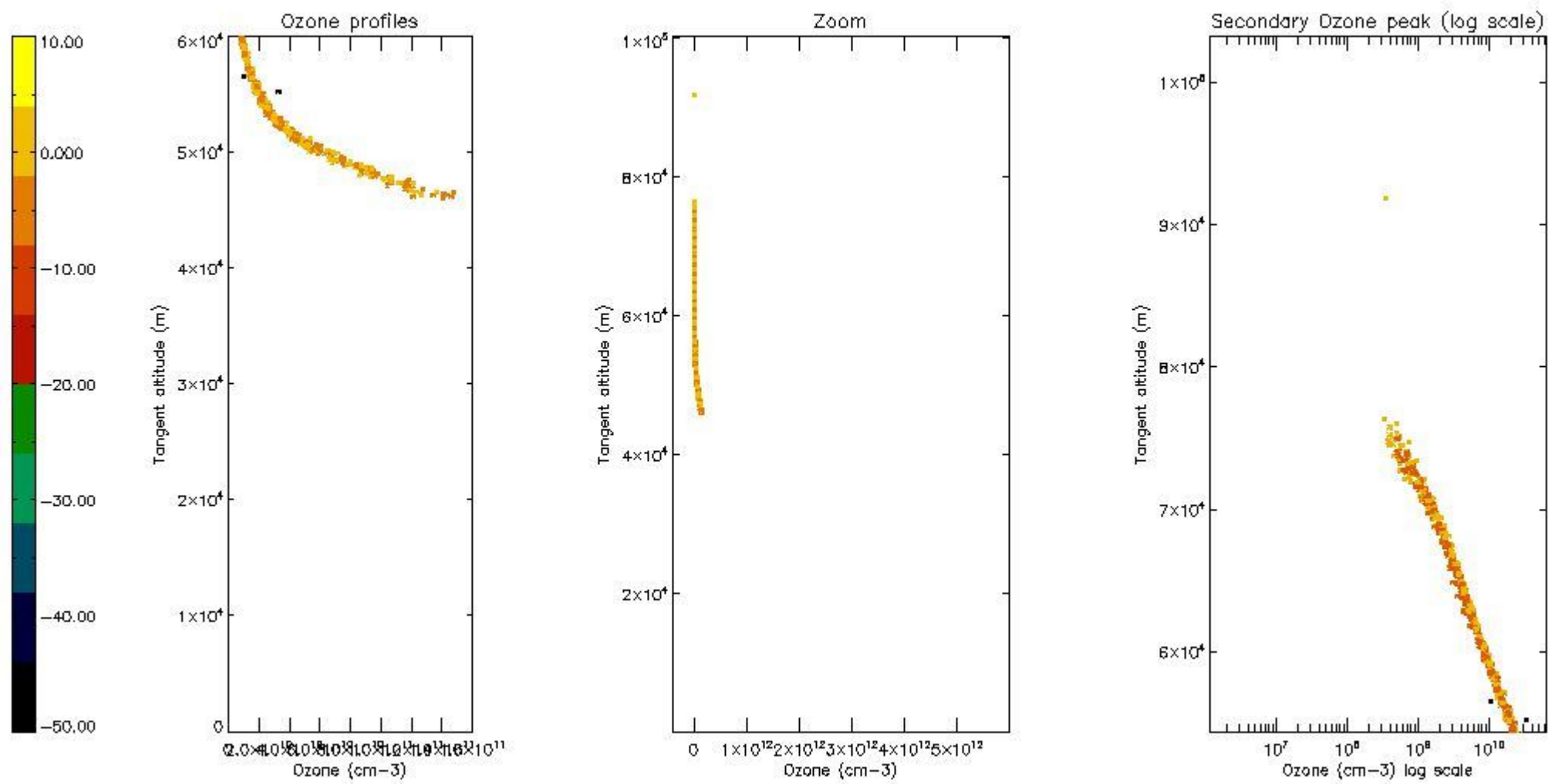
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



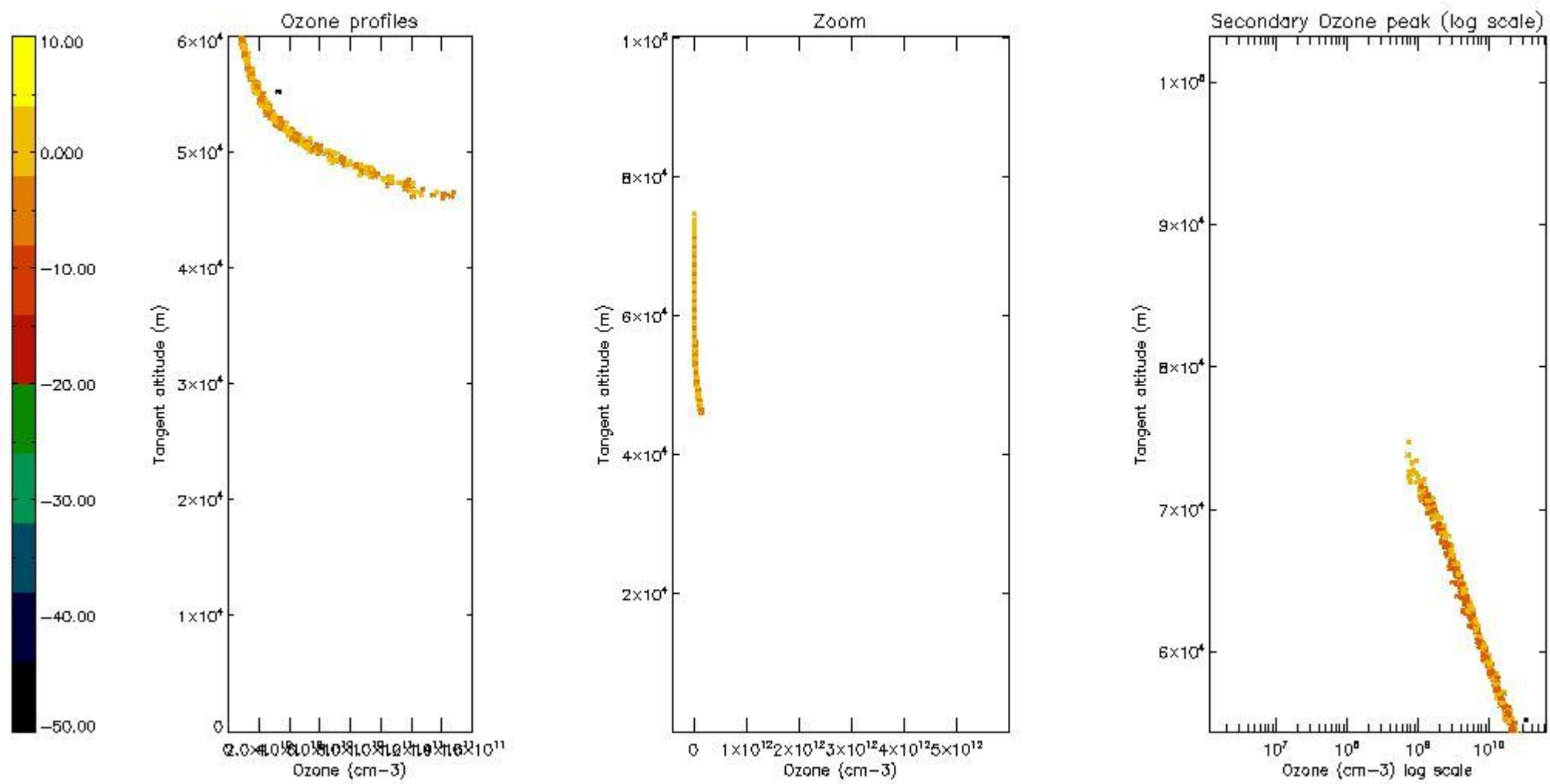
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



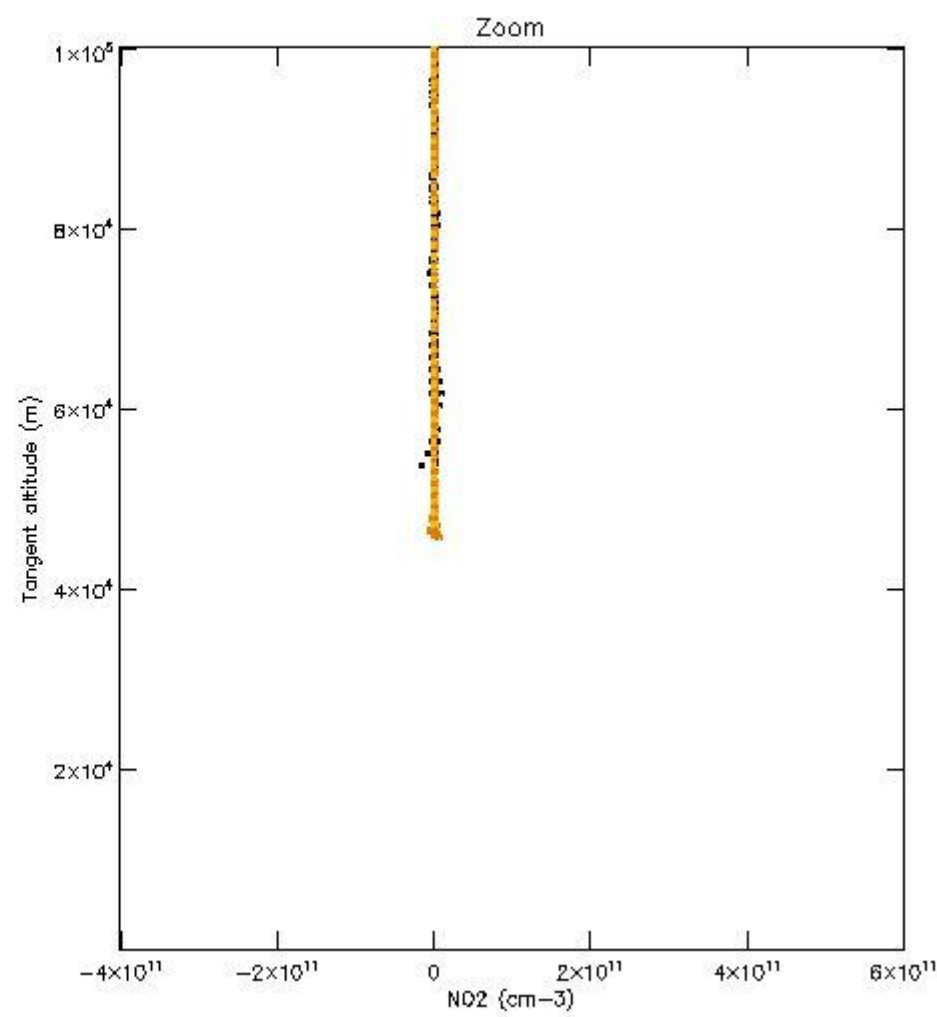
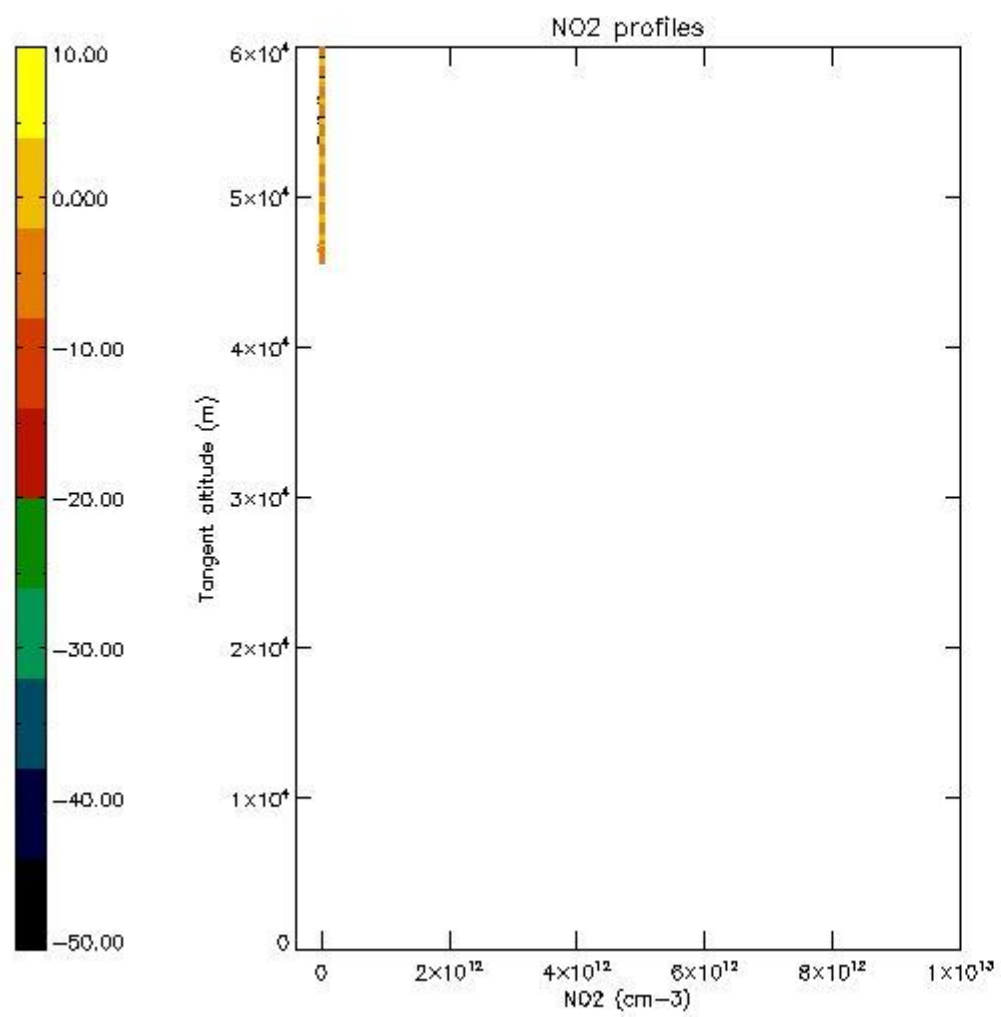
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



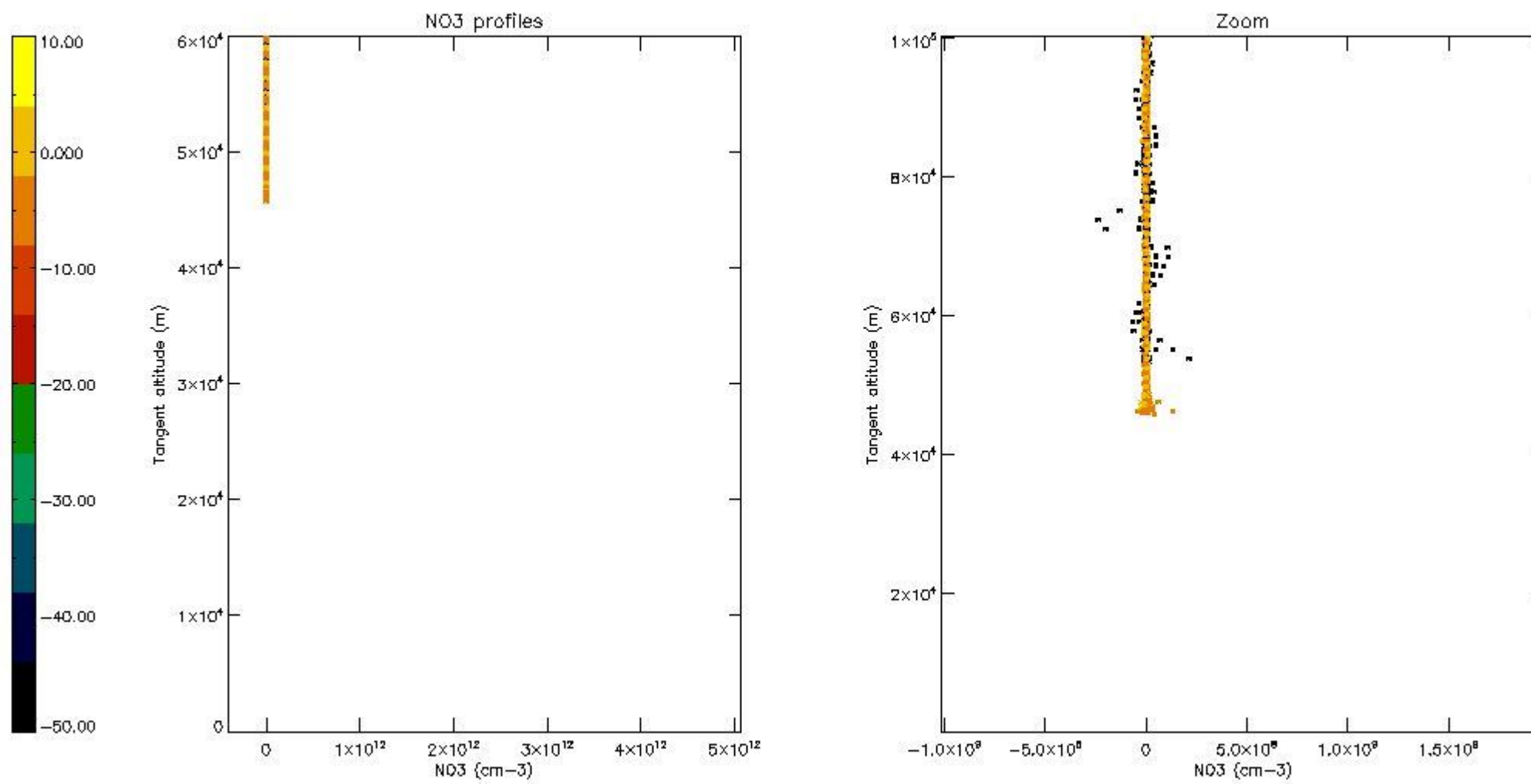
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

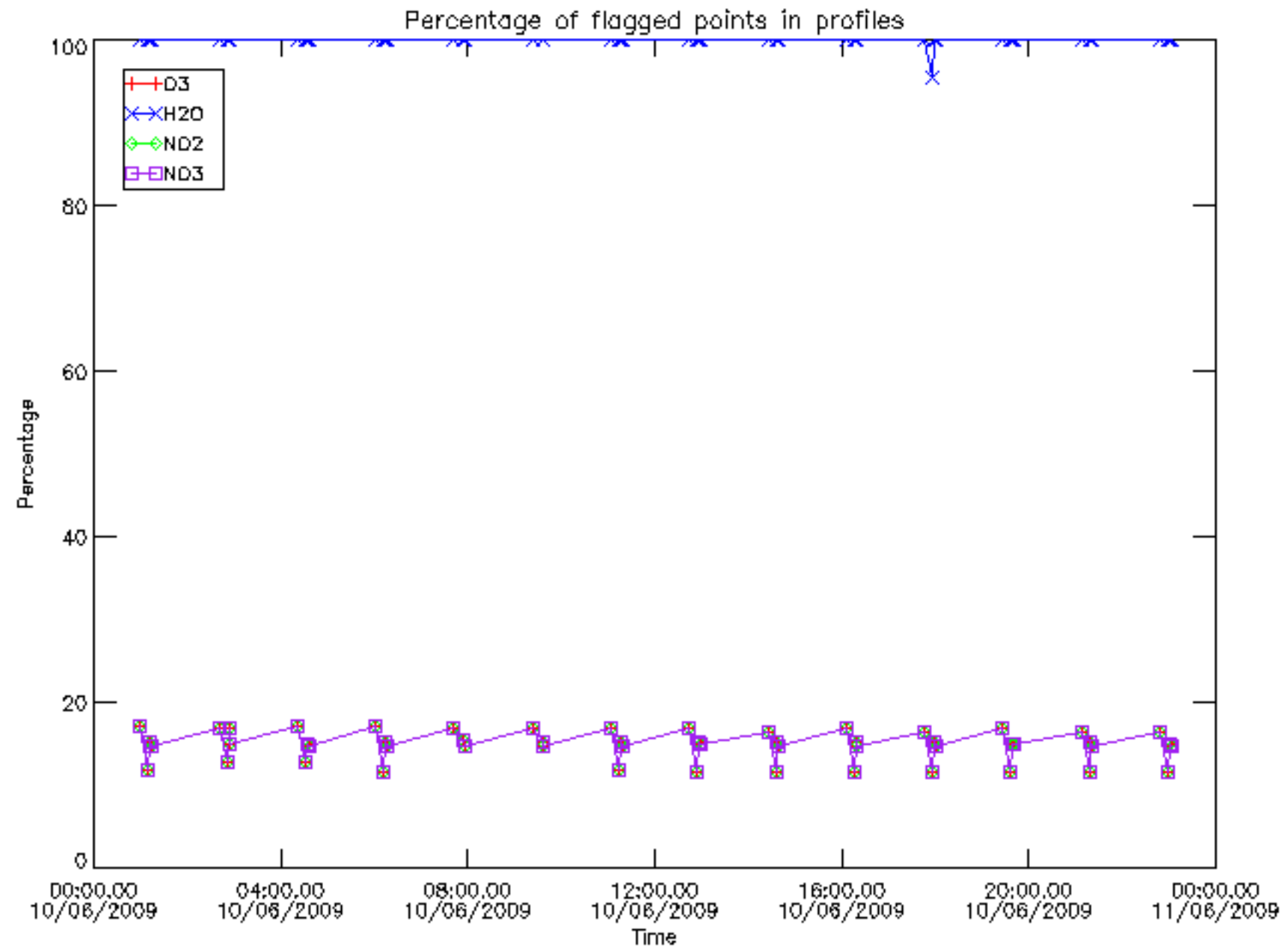
The colorbar represents the latitude.



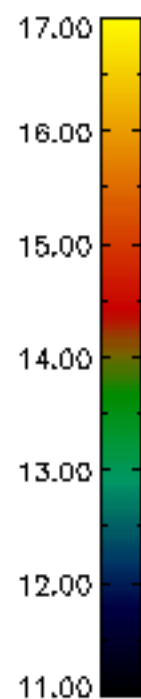
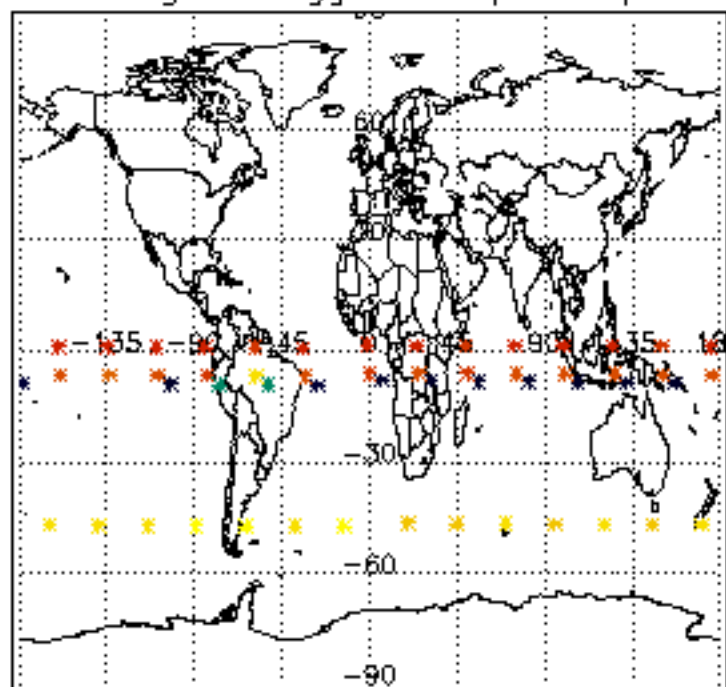
6. Auxiliary Data Files used for the production reported in section 2

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.

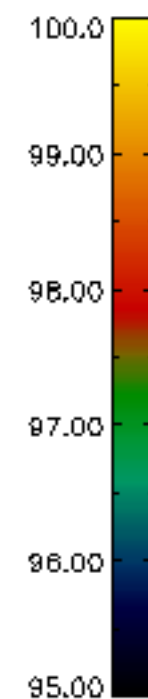
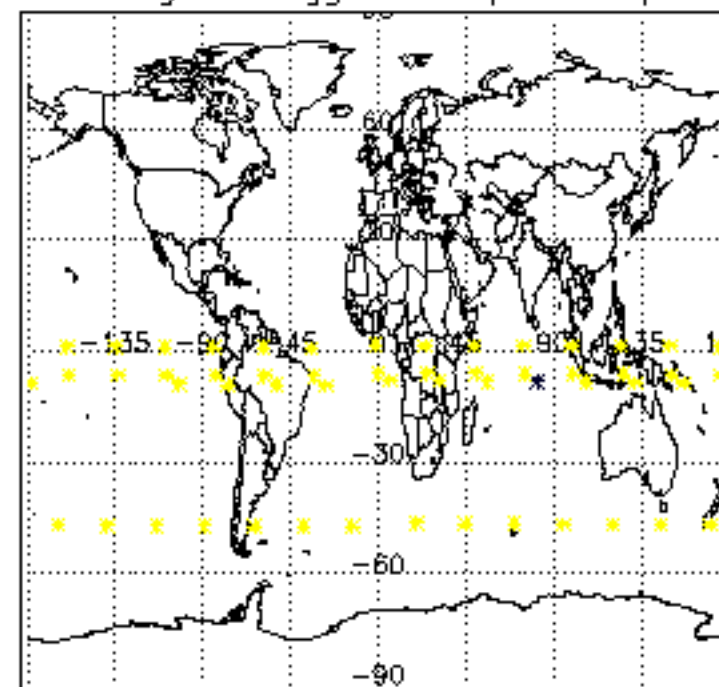
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	10-JUN-2009 00:02:28
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	10-JUN-2009 00:02:28
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	10-JUN-2009 00:02:28



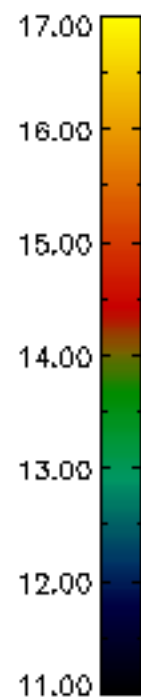
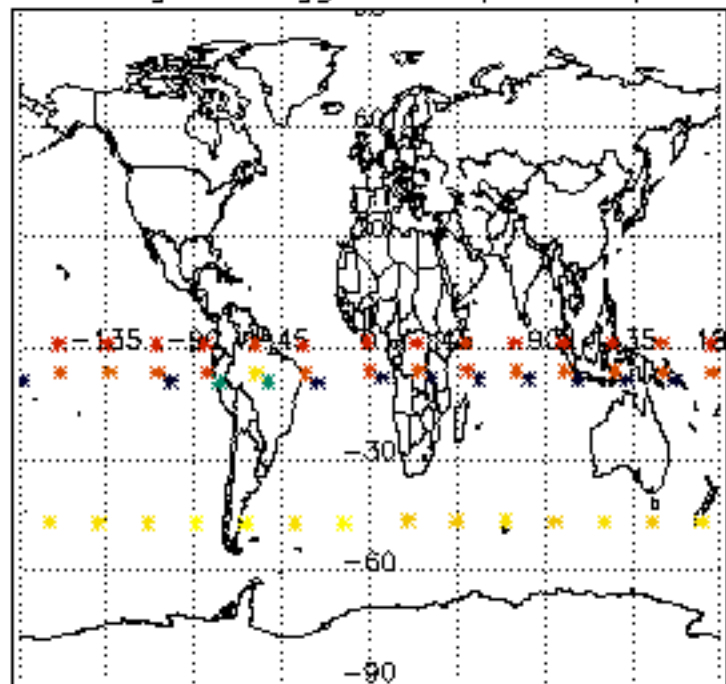
Percentage of flagged data per D3 profile



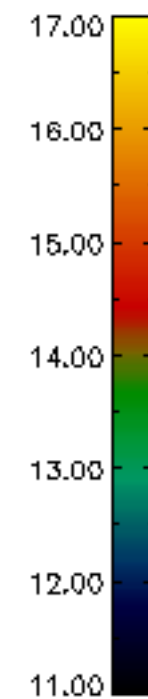
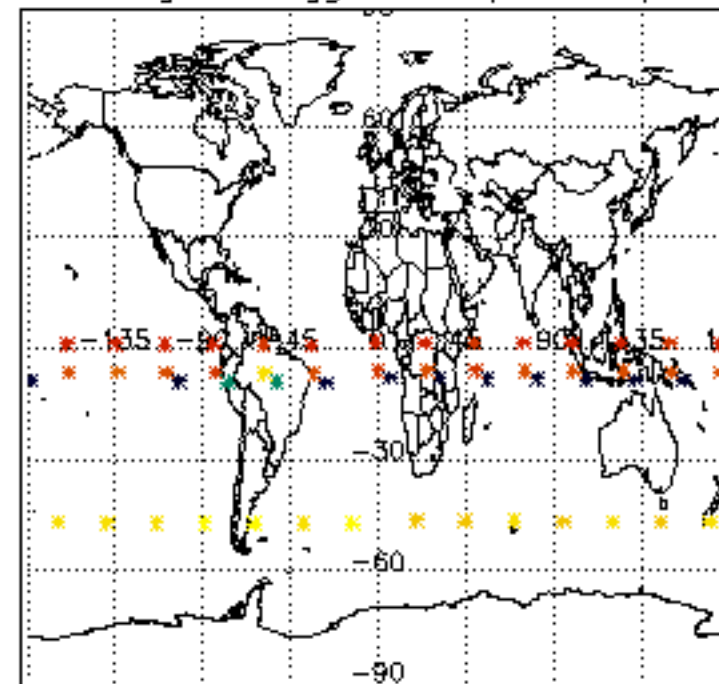
Percentage of flagged data per H2O profile

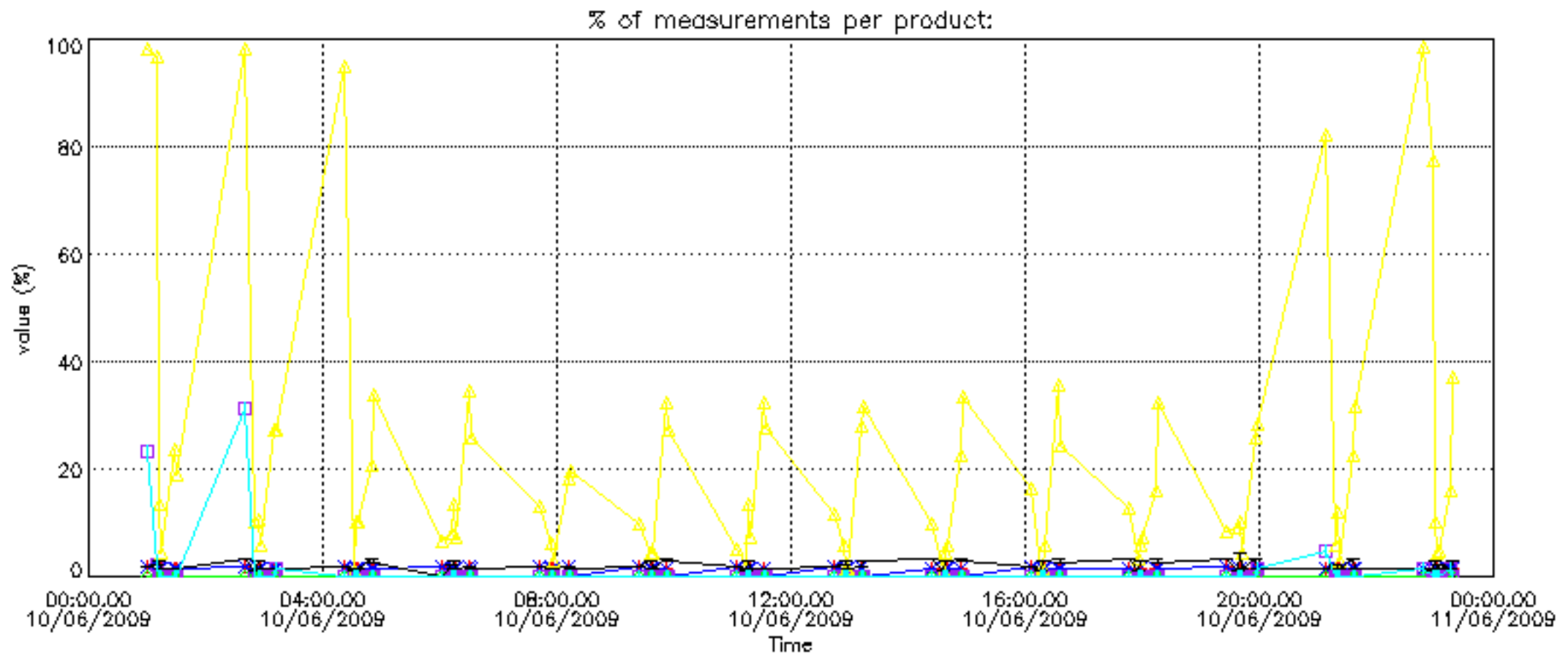


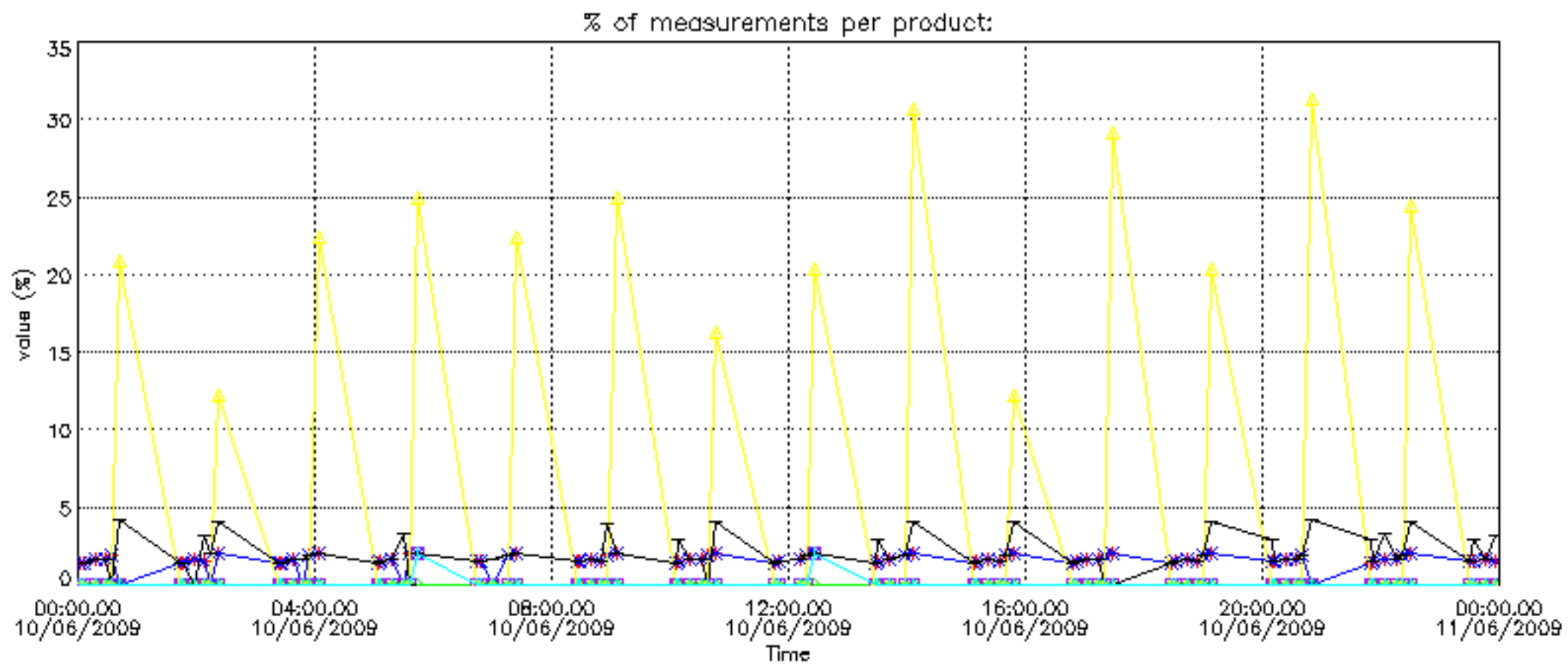
Percentage of flagged data per NO2 profile



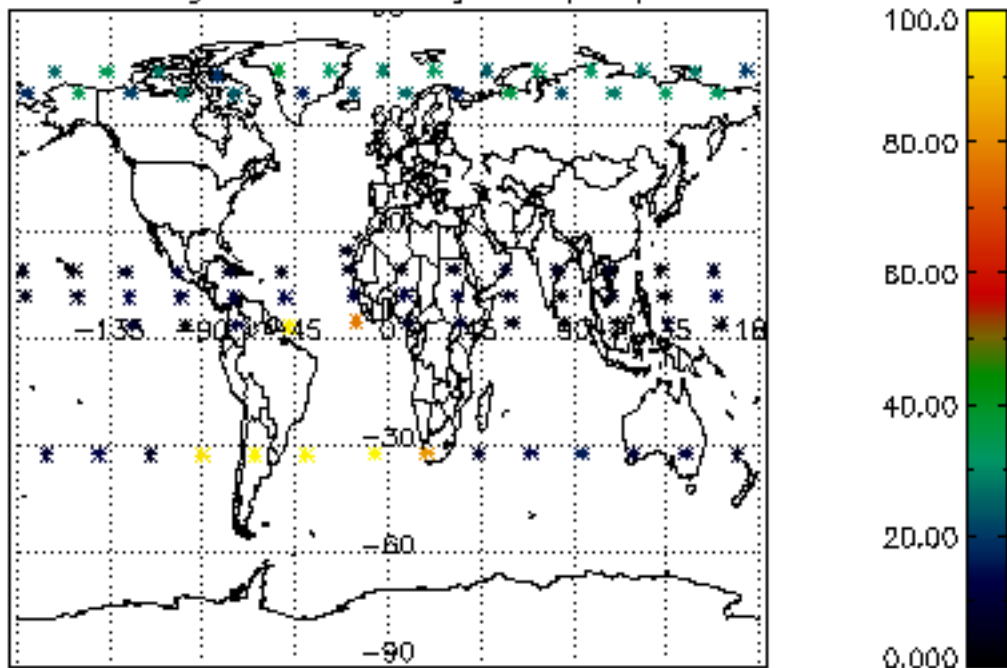
Percentage of flagged data per NO3 profile



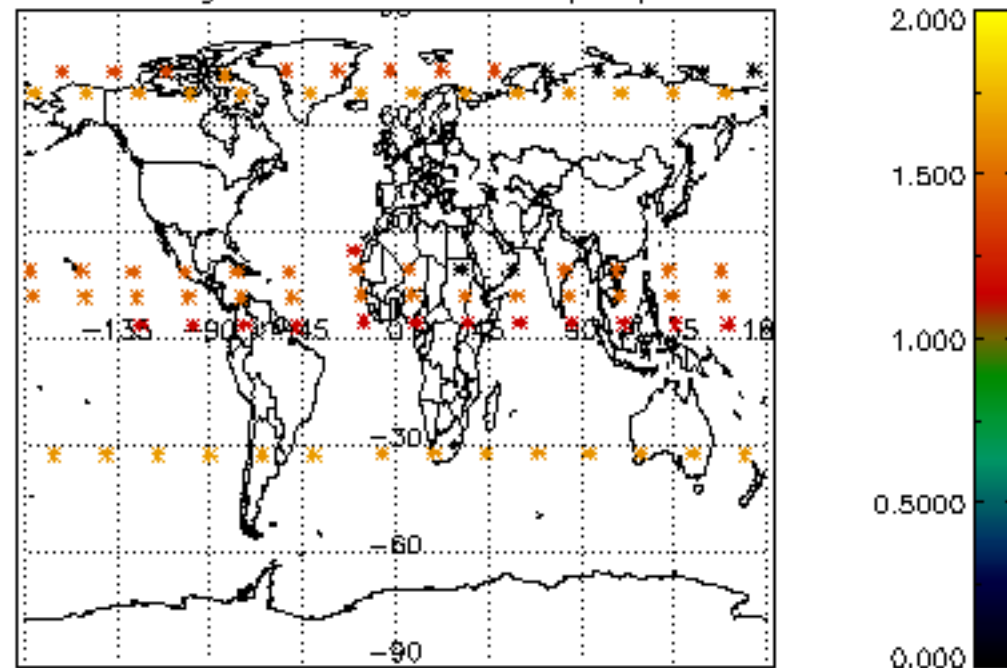




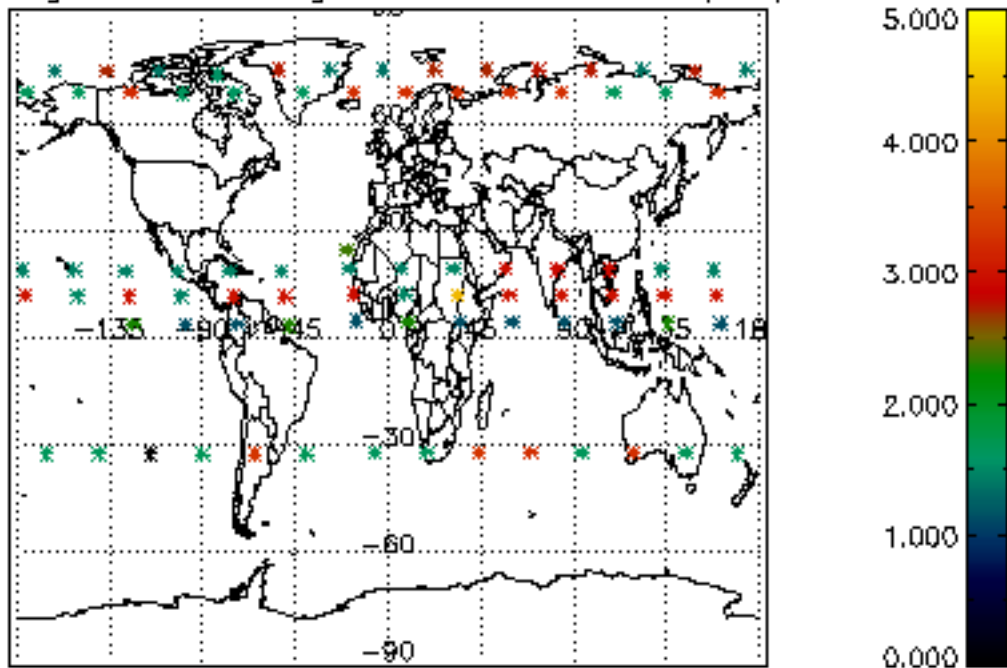
Percentage of cosmic ray hits per profile



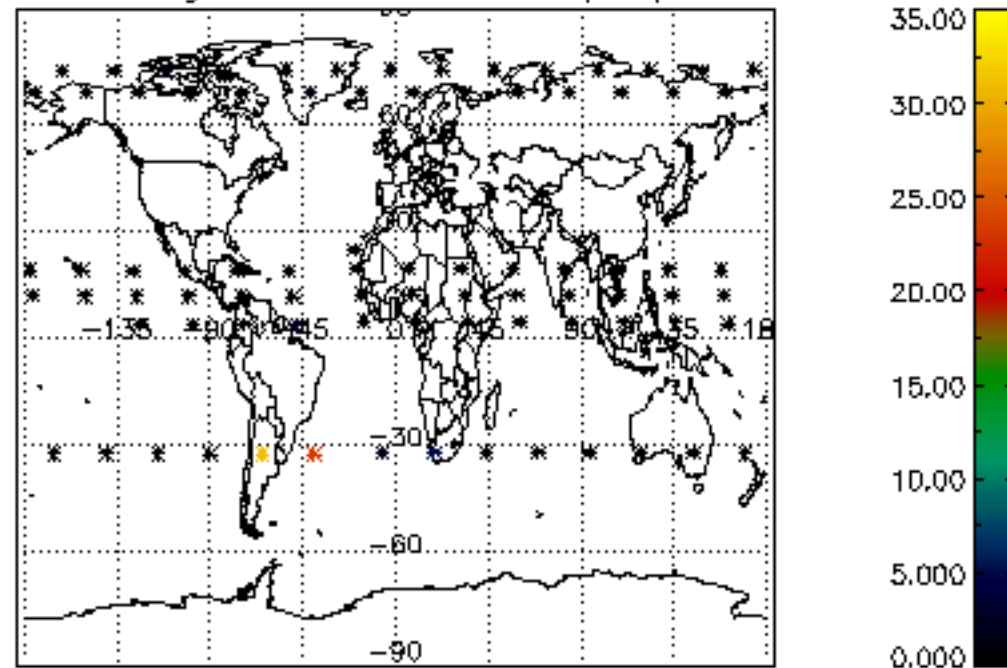
Percentage of datation errors per profile



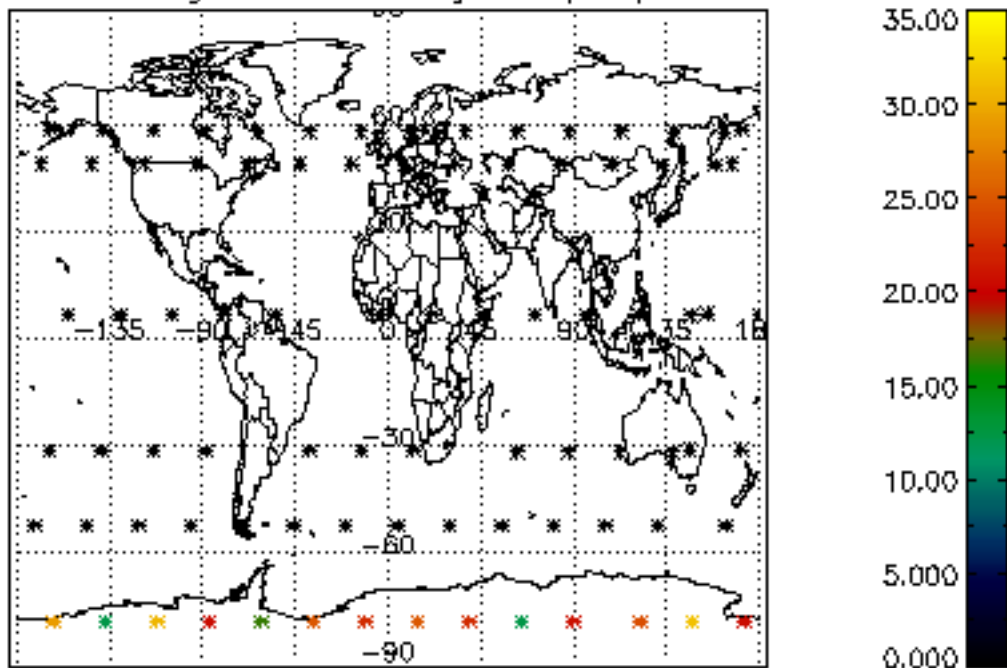
Percentage of star falling outside central band per profile



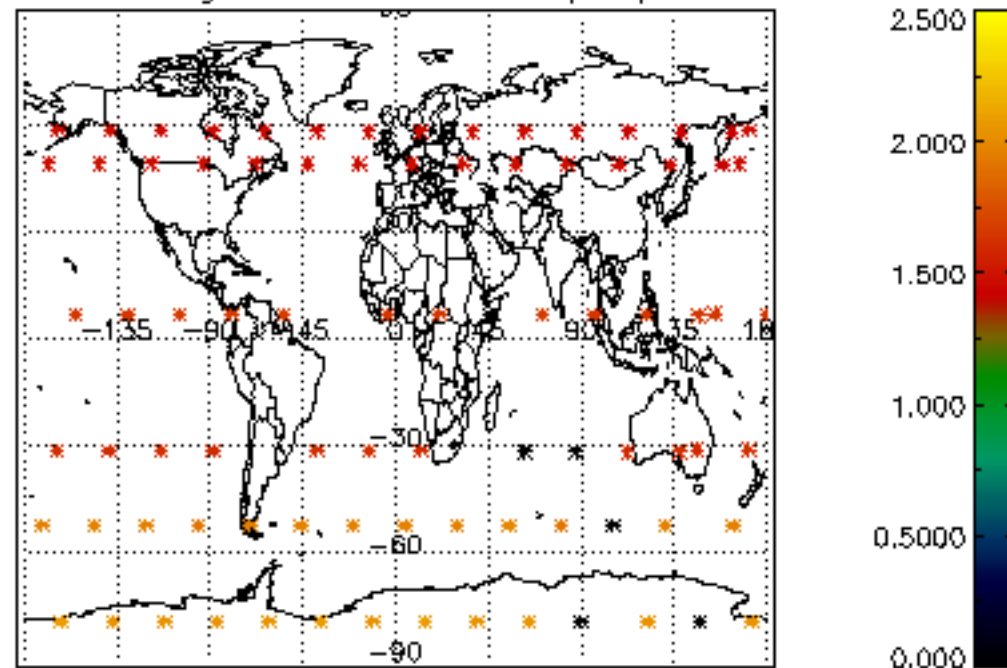
Percentage of saturation errors per profile



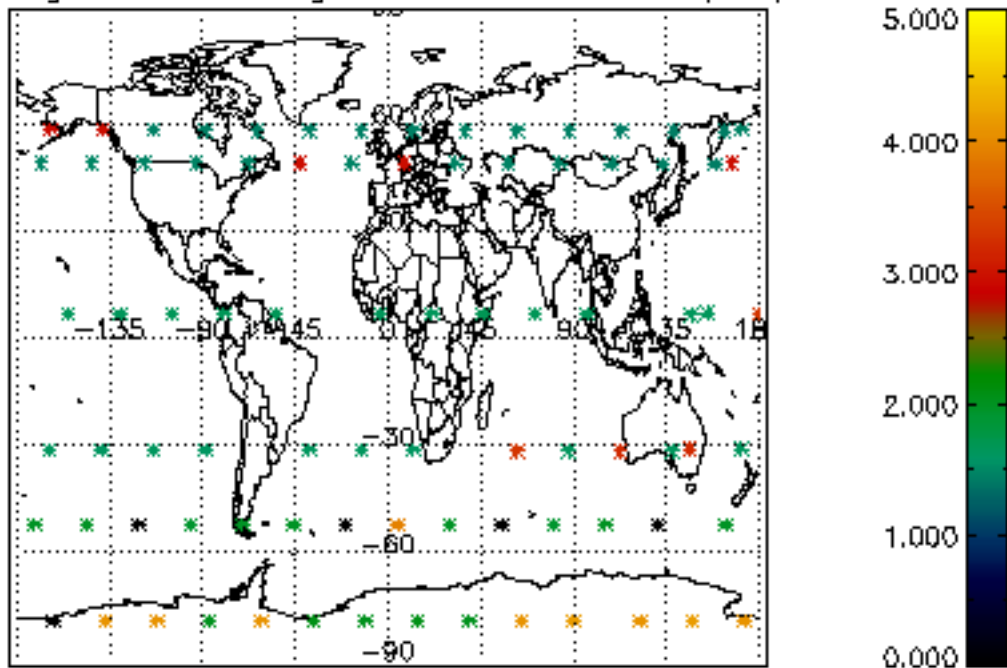
Percentage of cosmic ray hits per profile



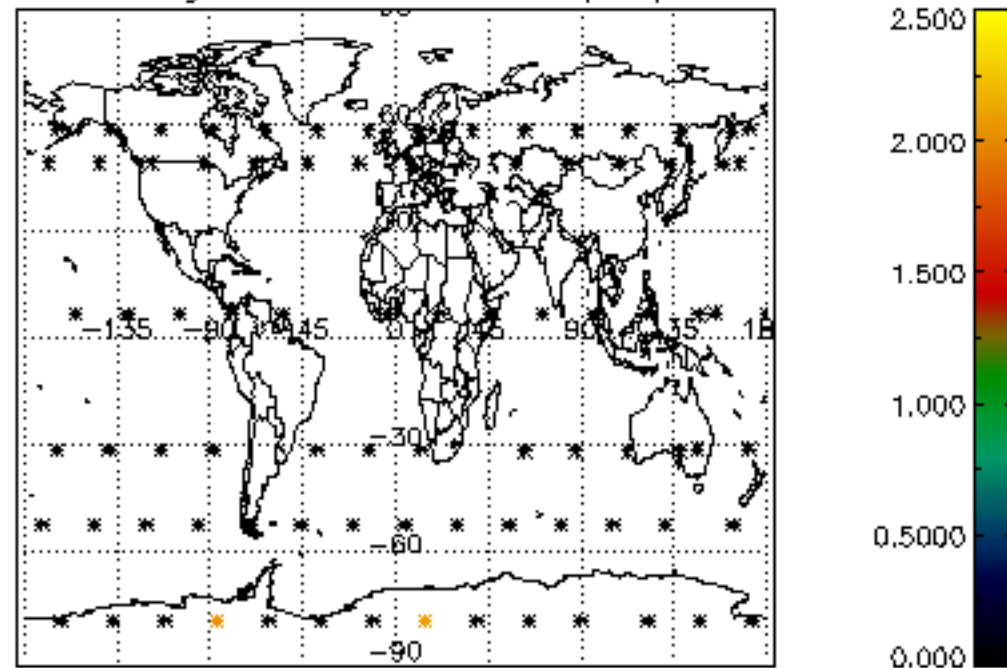
Percentage of datation errors per profile

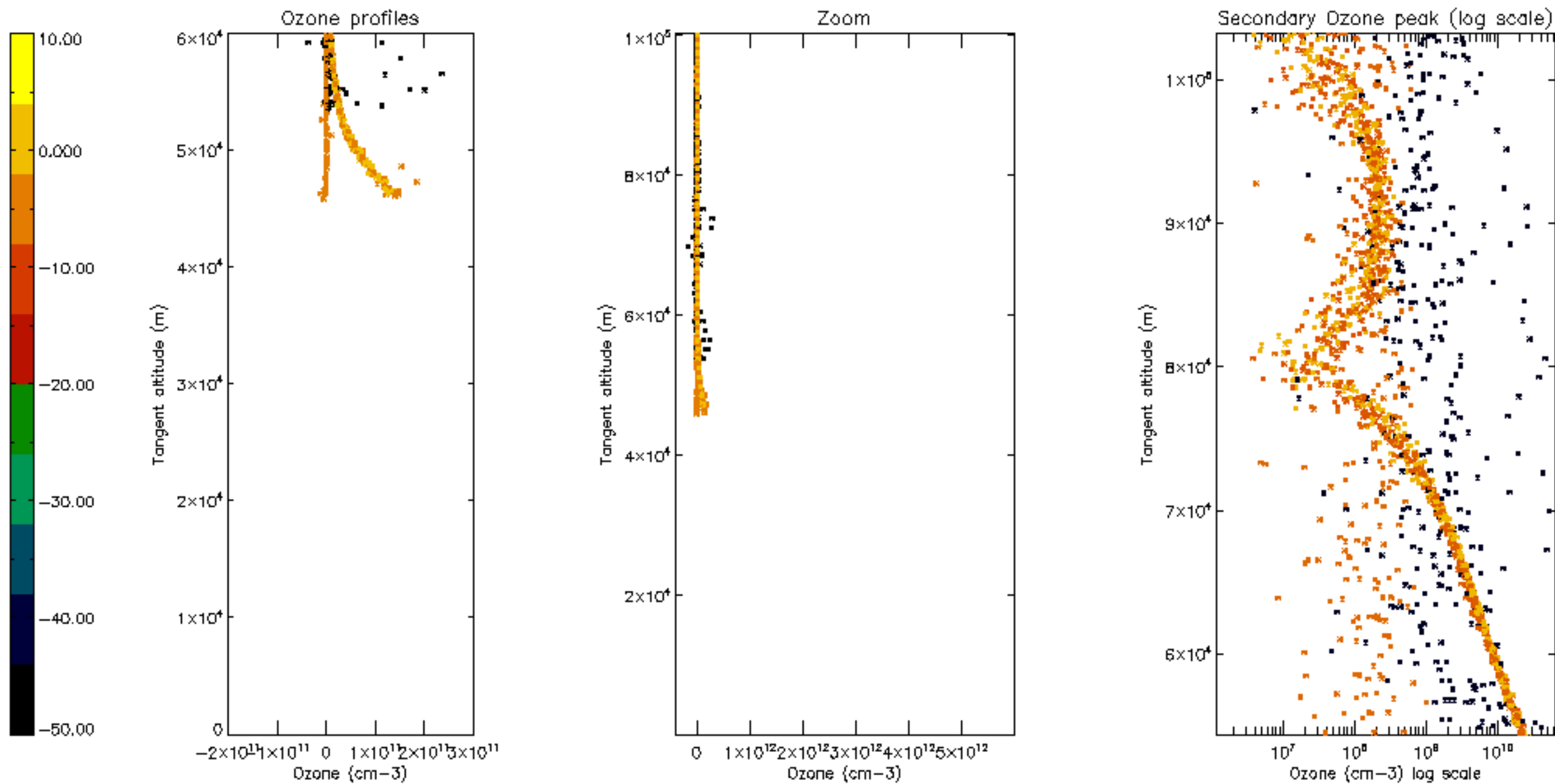


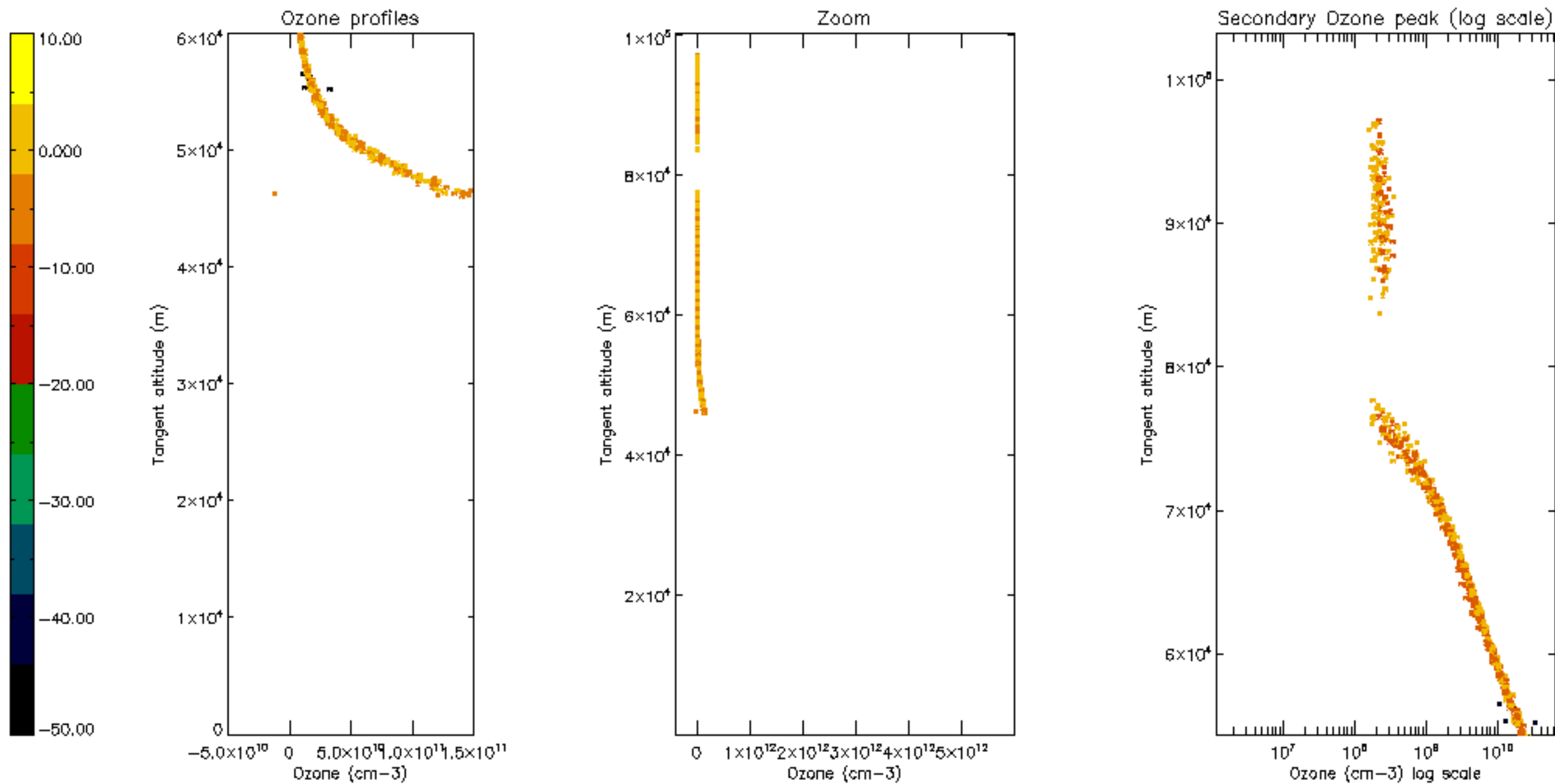
Percentage of star falling outside central band per profile

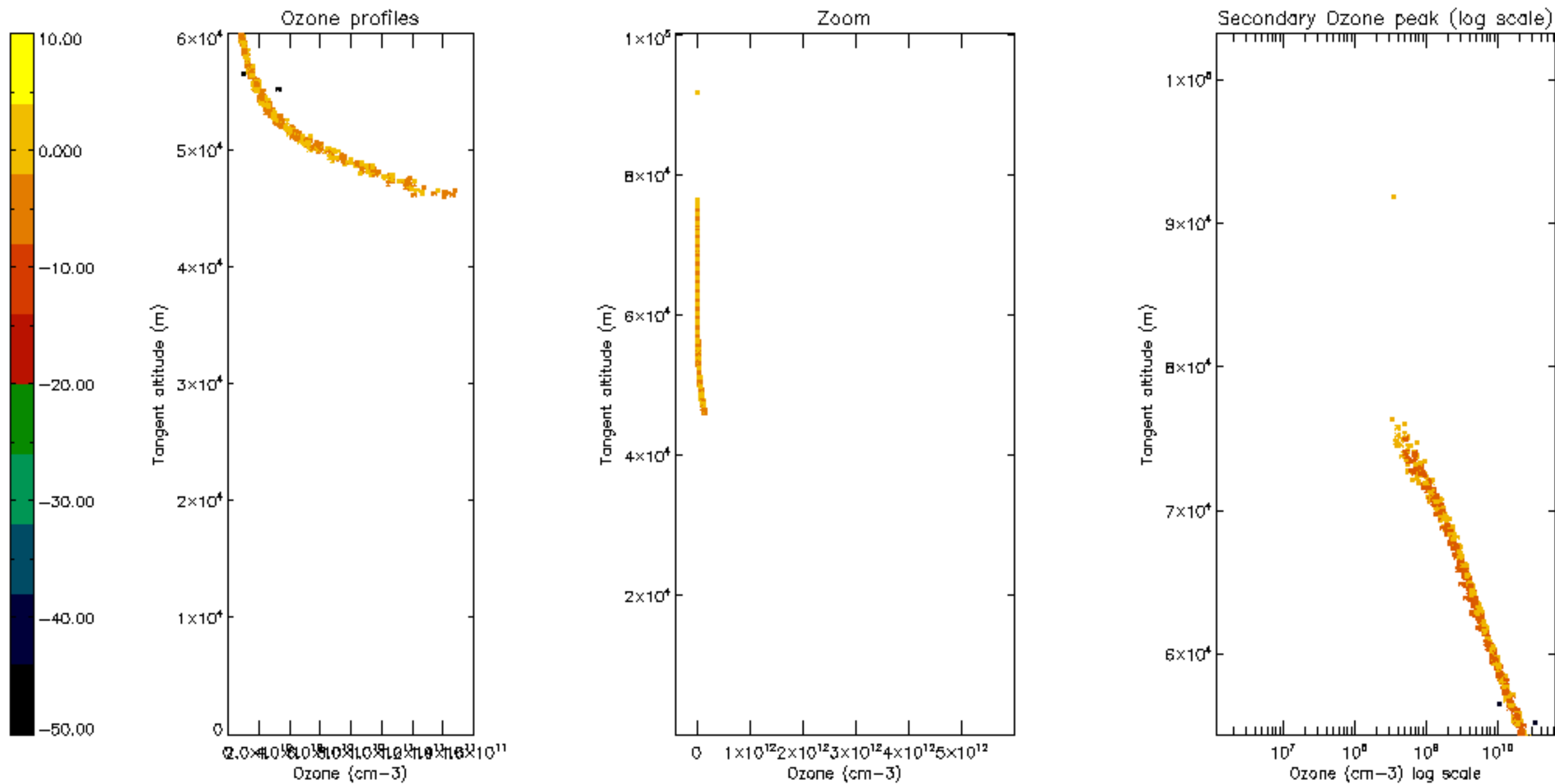


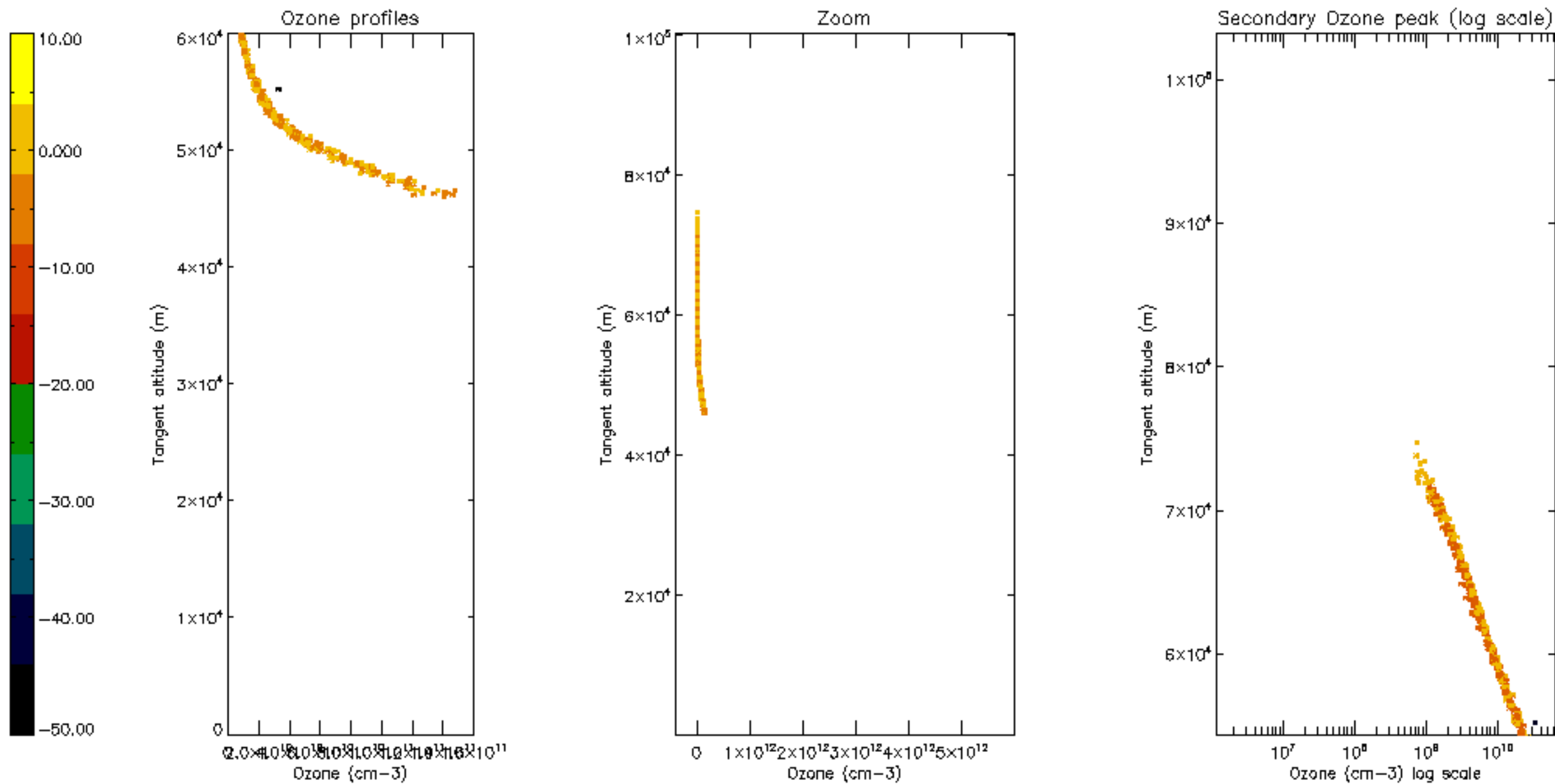
Percentage of saturation errors per profile

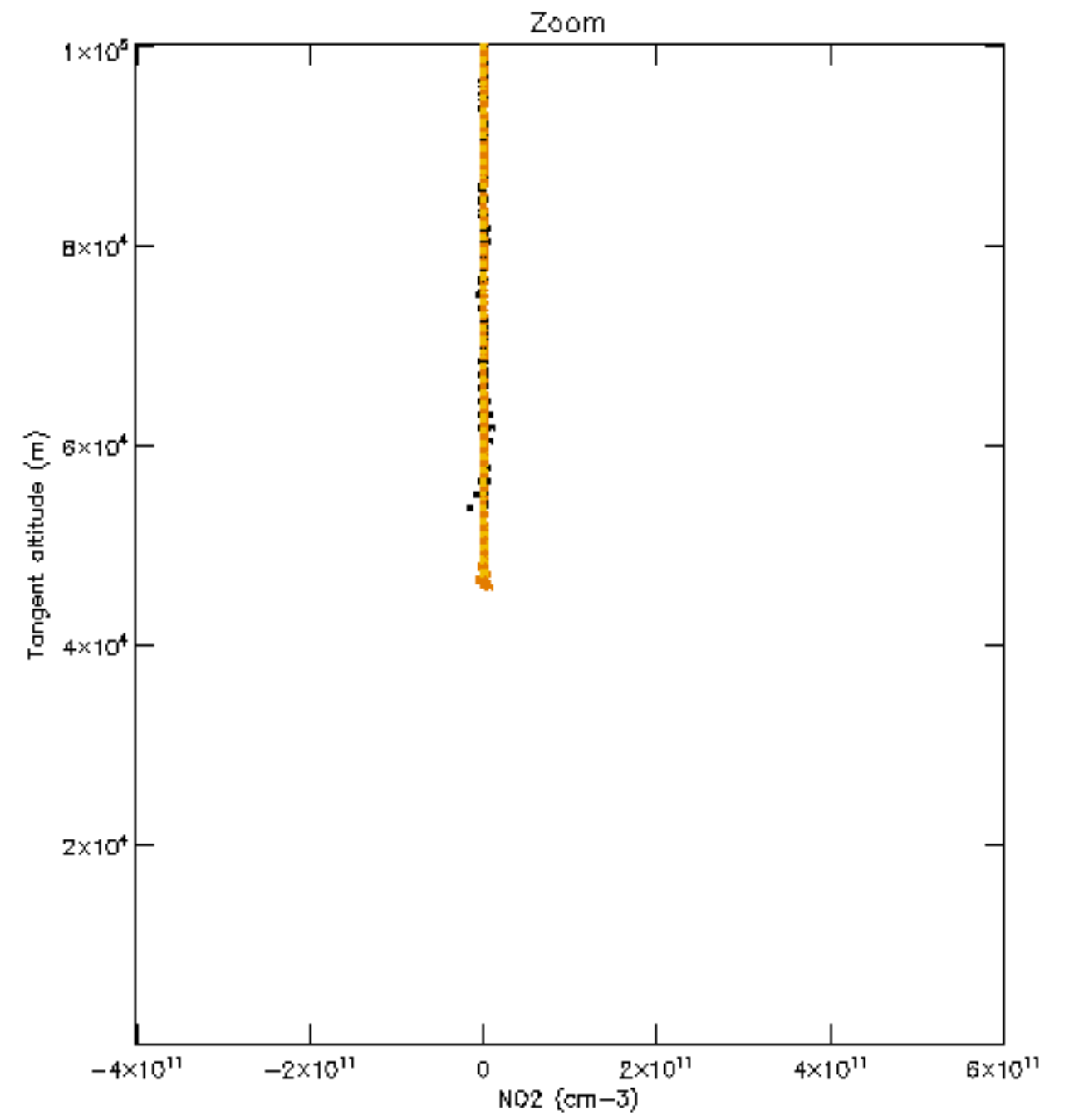
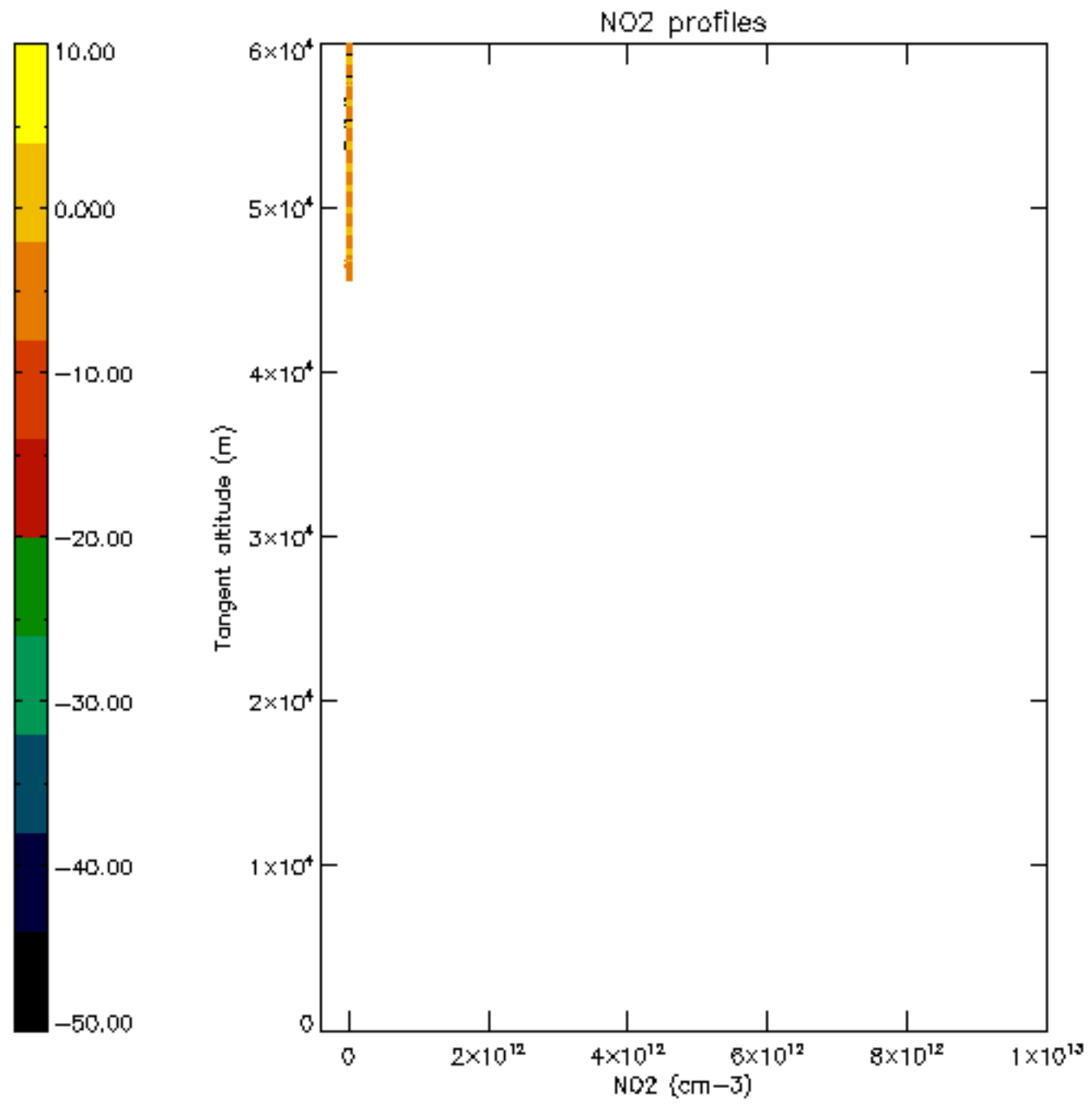


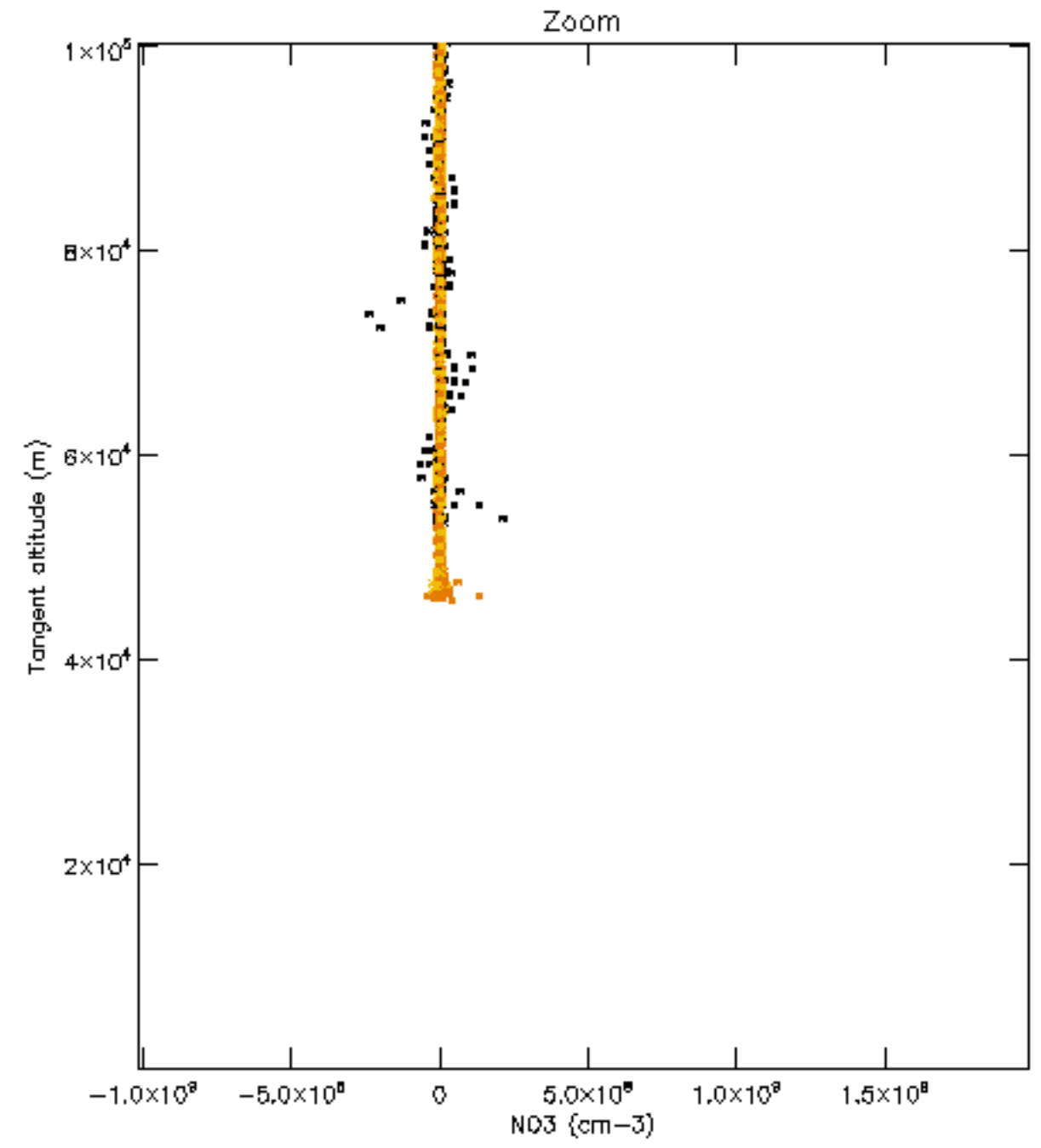
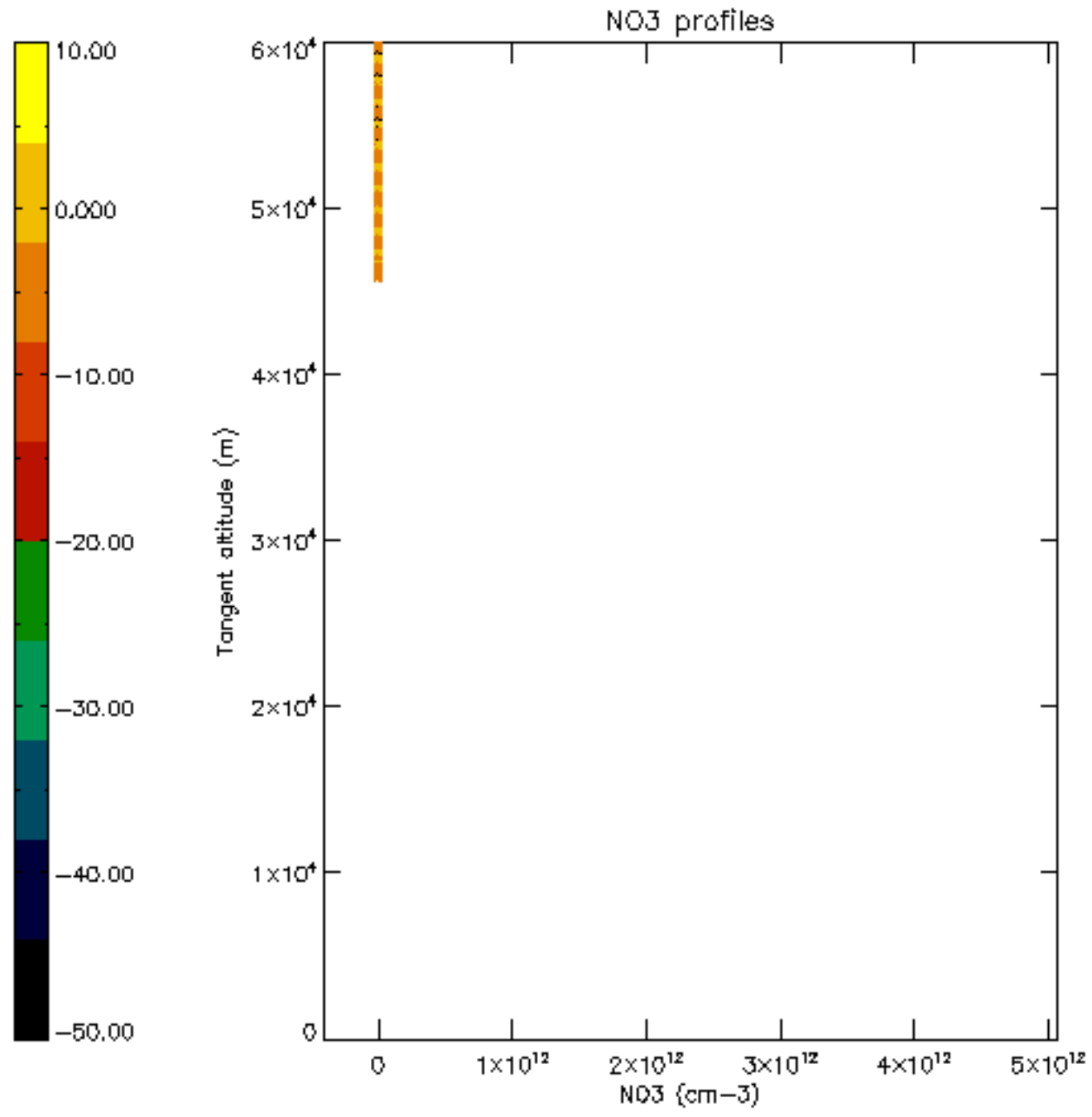


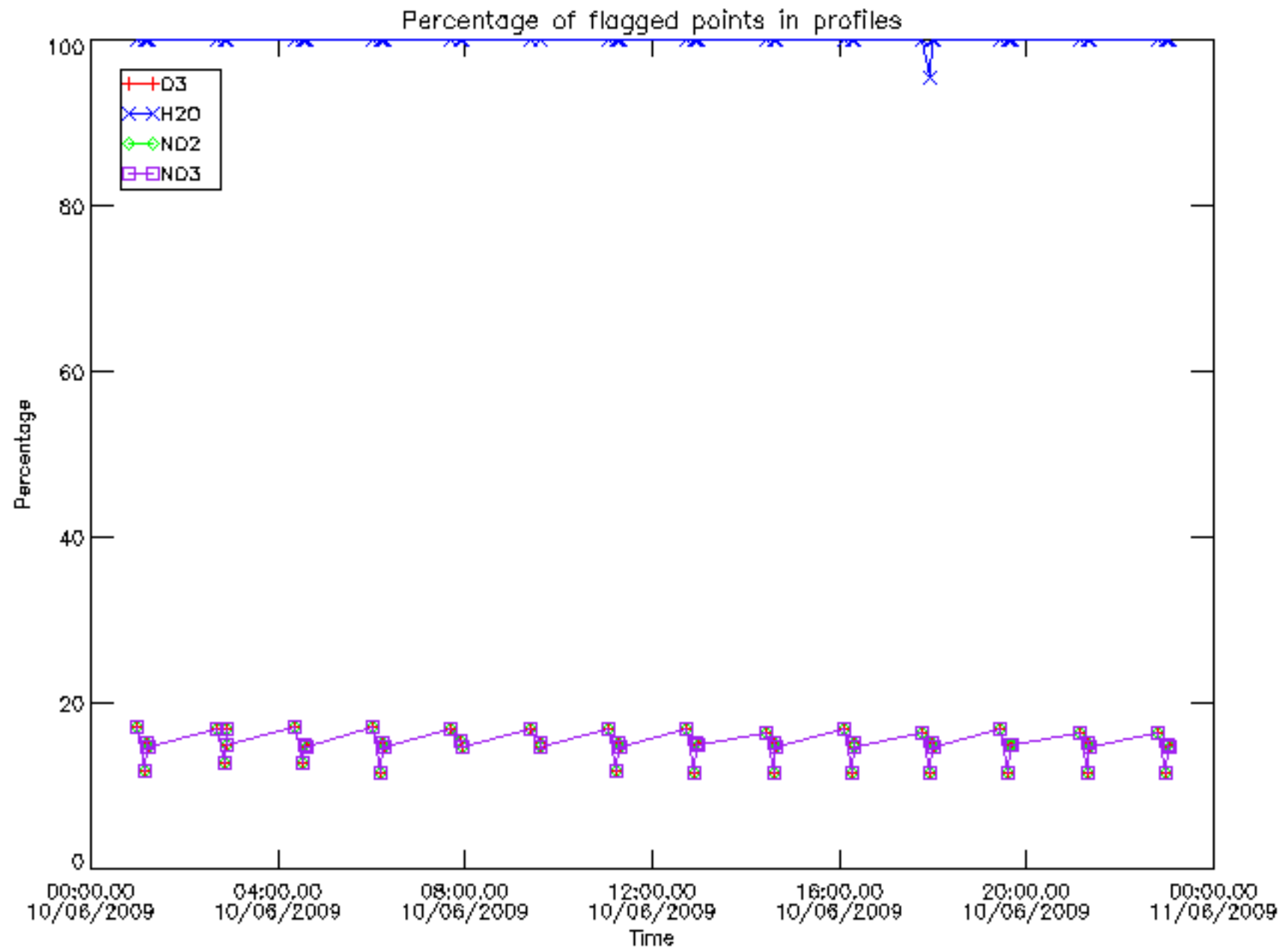




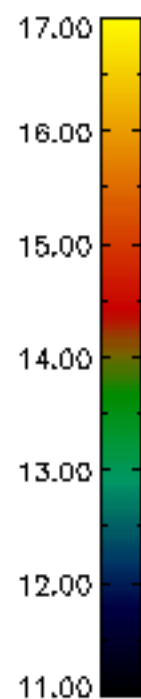
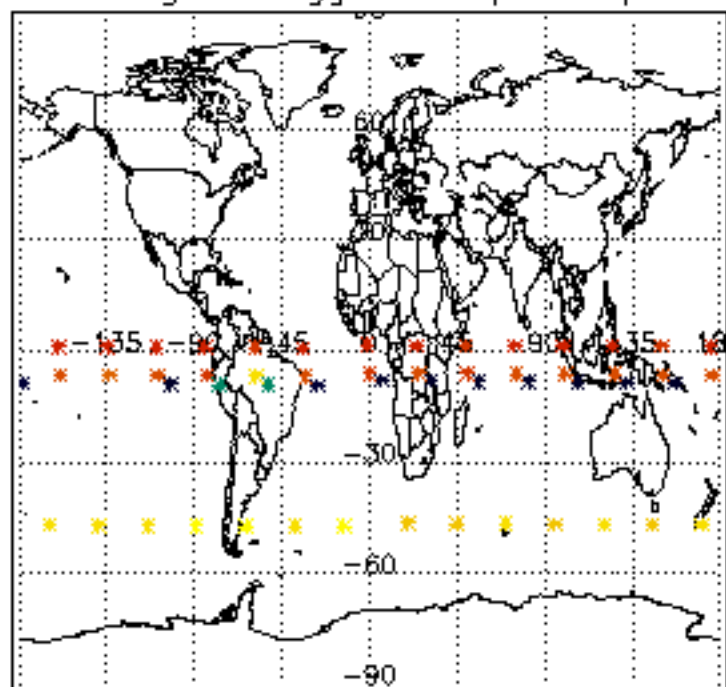




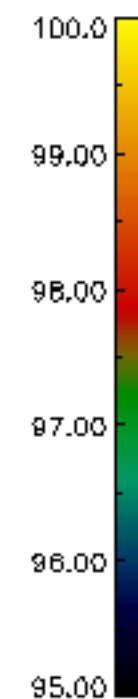
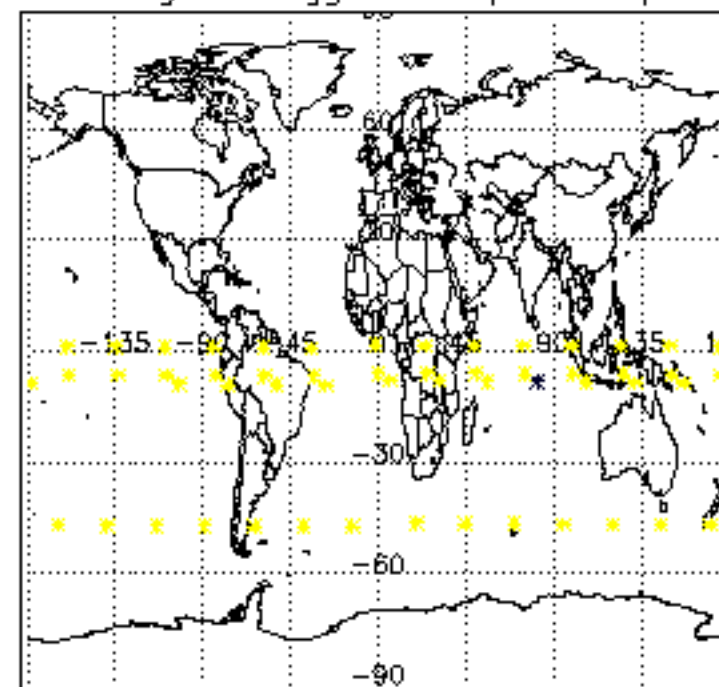




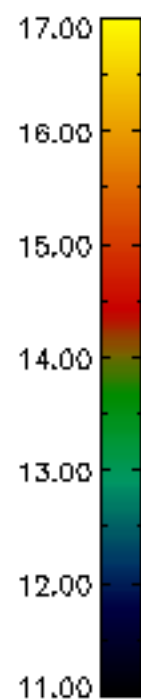
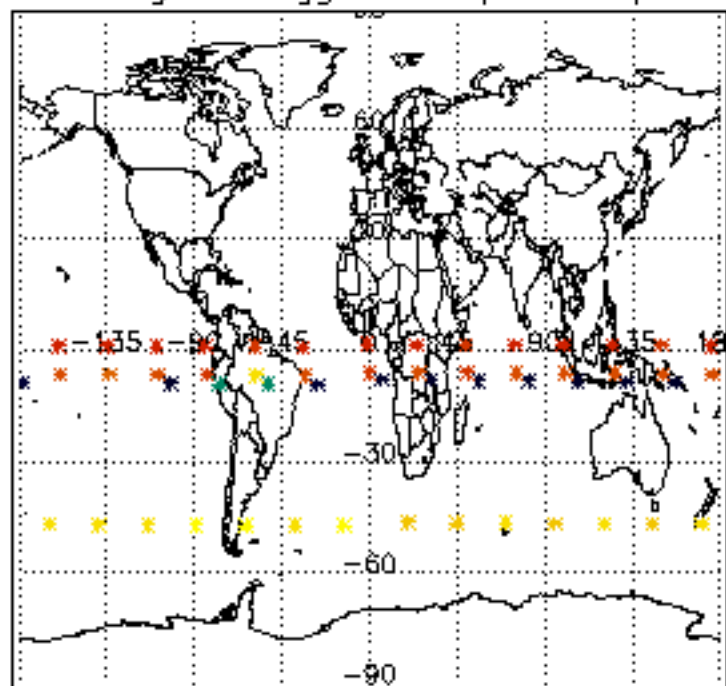
Percentage of flagged data per D3 profile



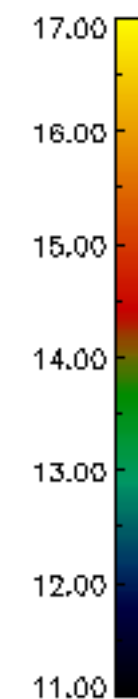
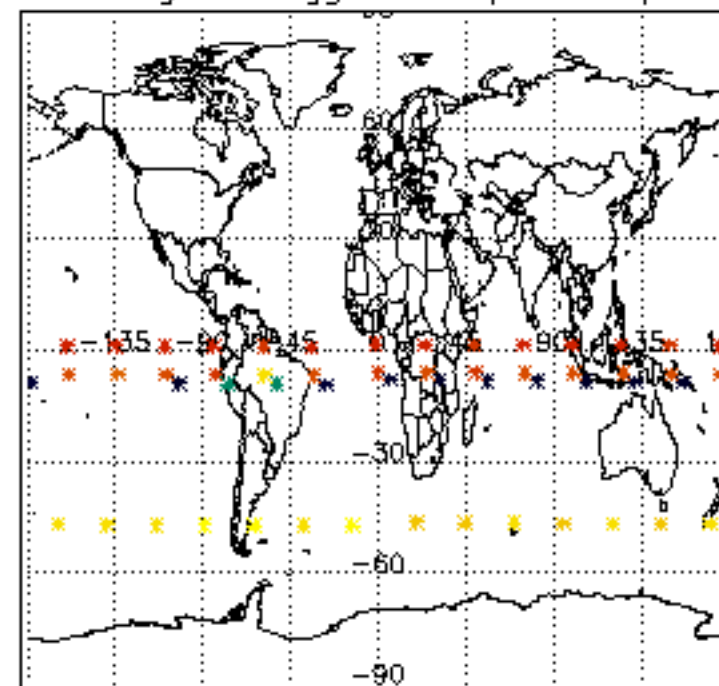
Percentage of flagged data per H2O profile

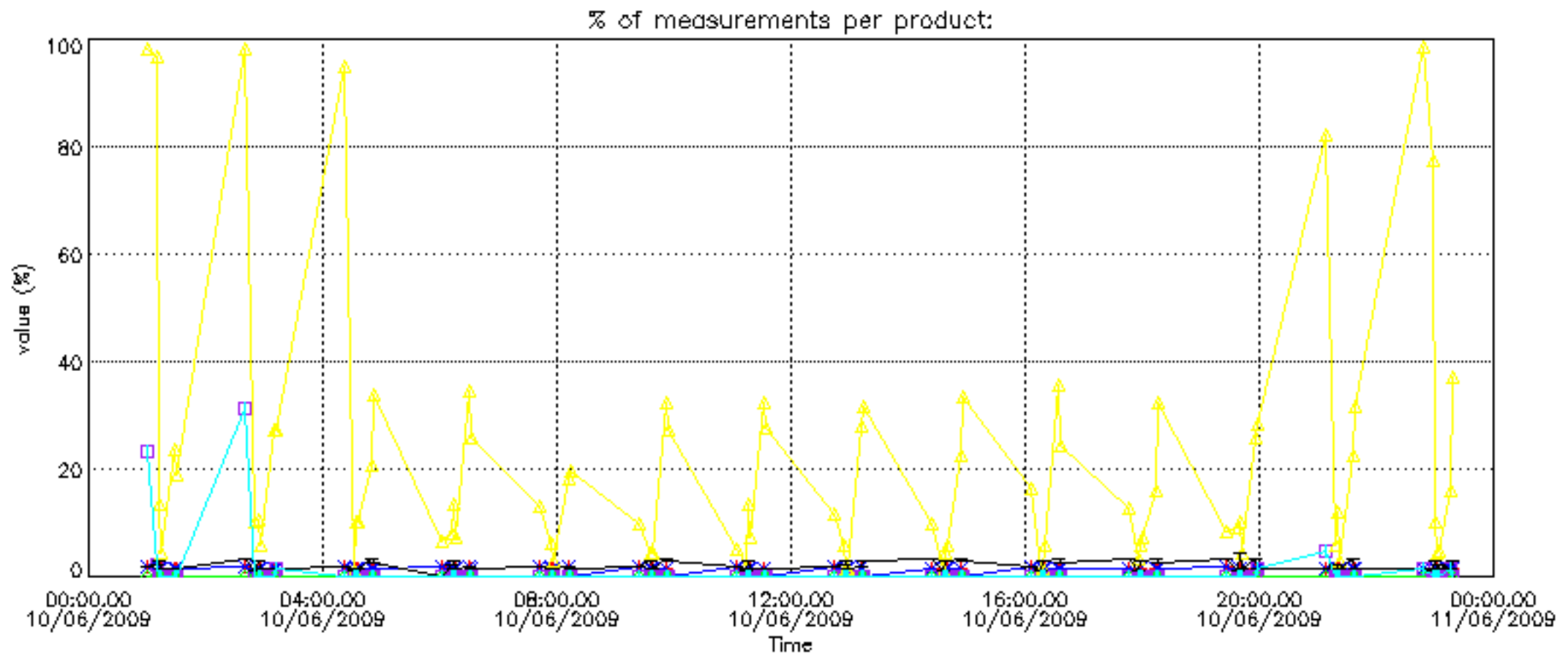


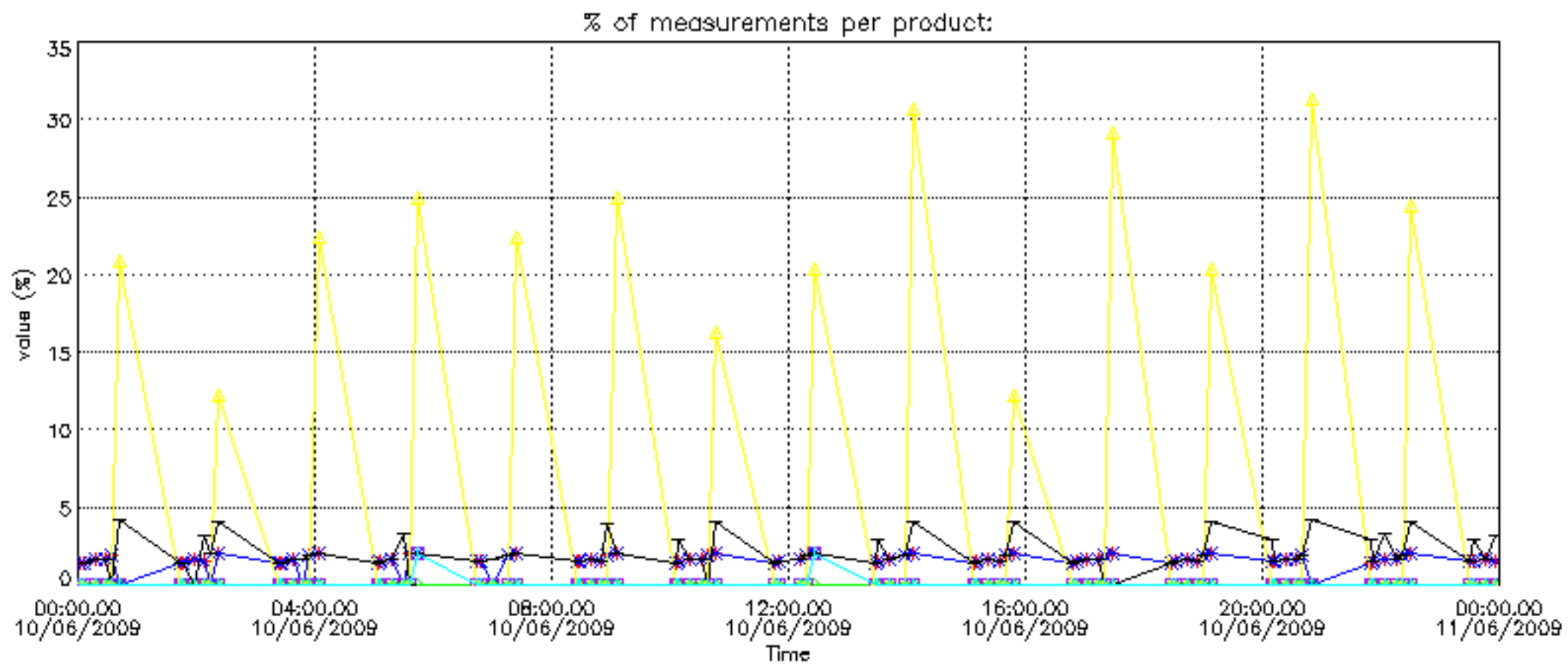
Percentage of flagged data per NO2 profile



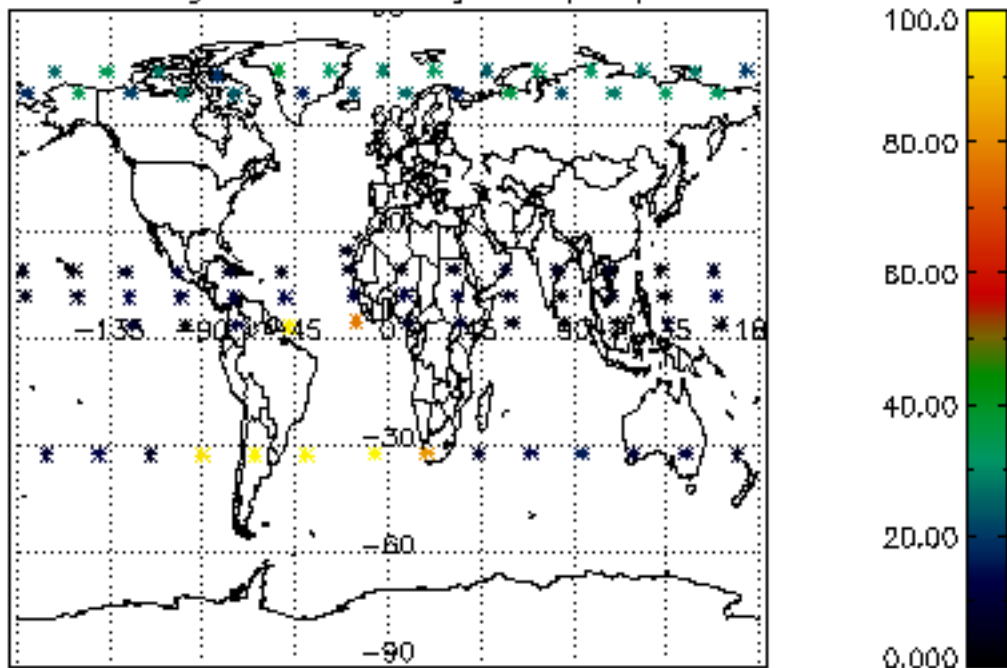
Percentage of flagged data per NO3 profile



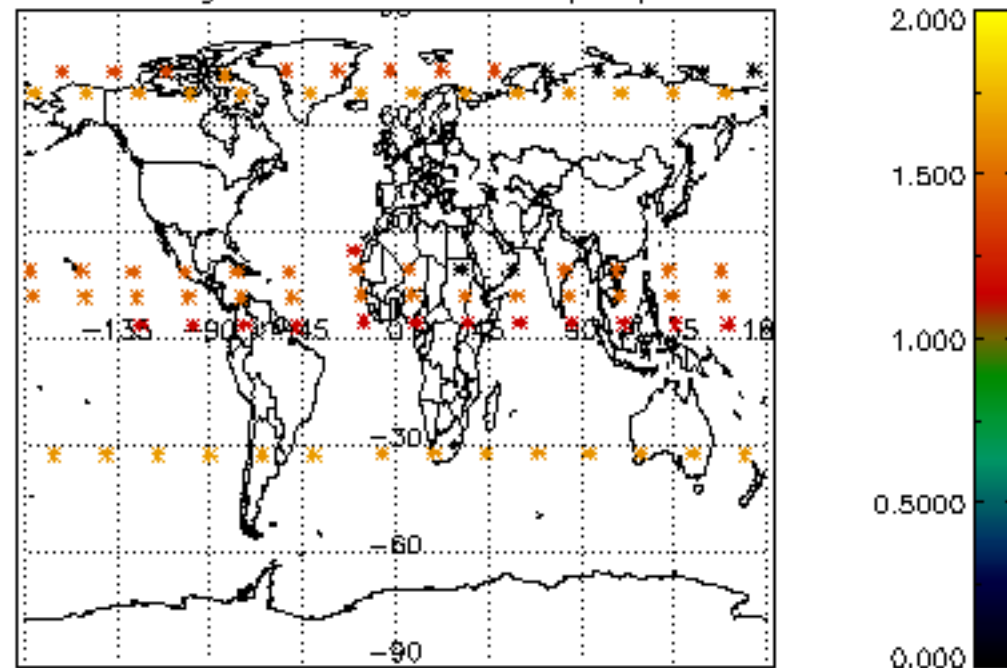




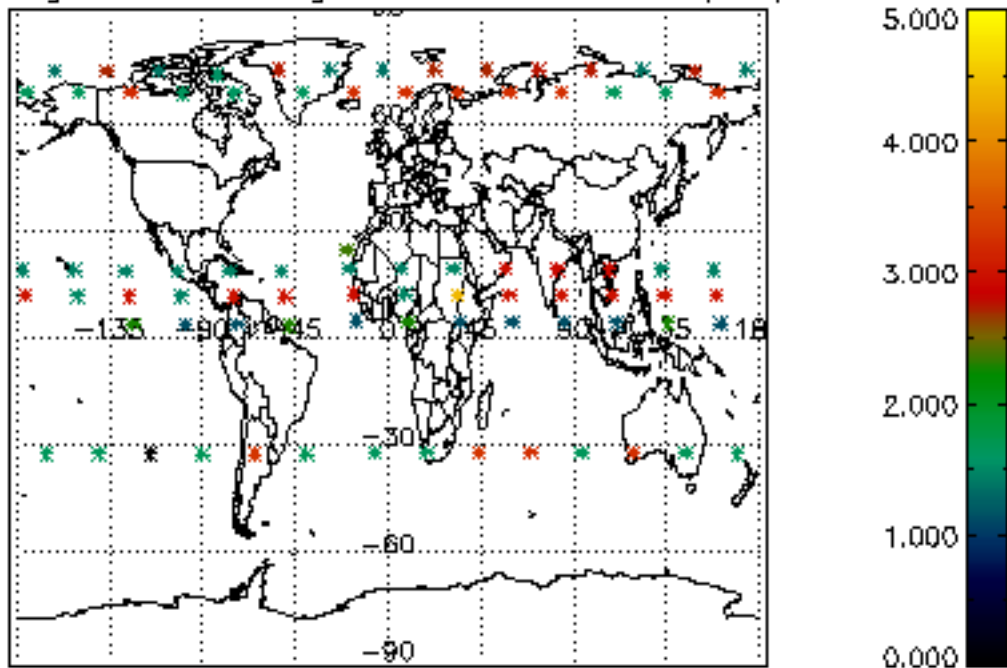
Percentage of cosmic ray hits per profile



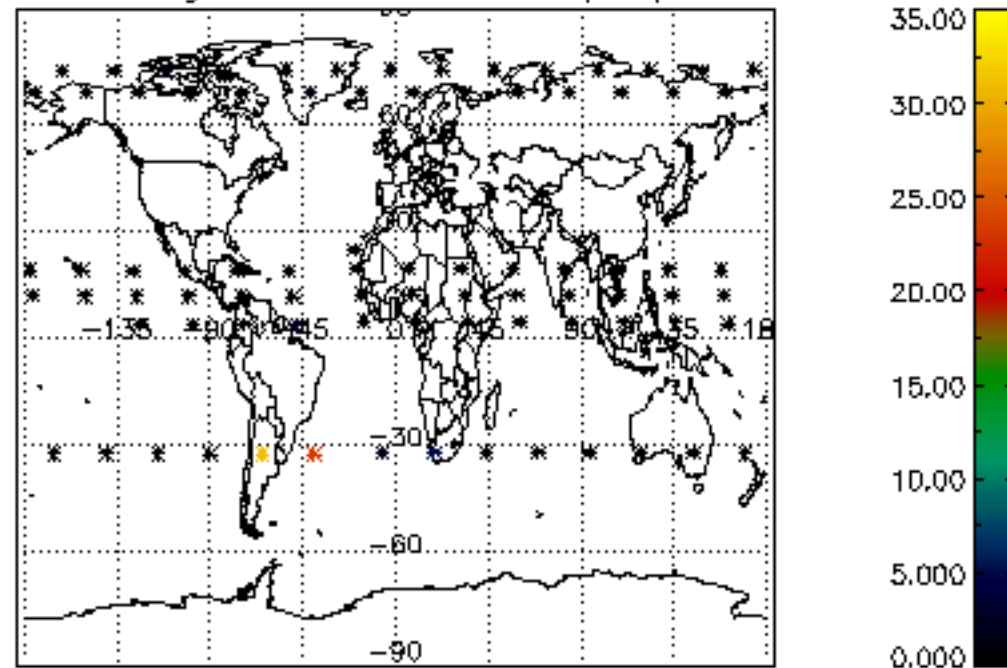
Percentage of datation errors per profile



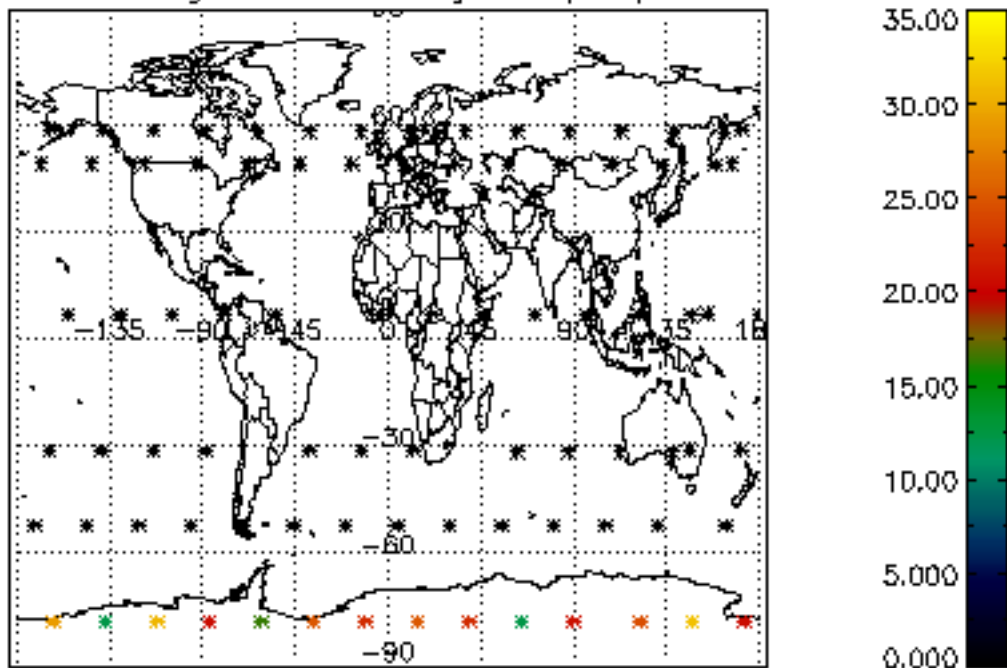
Percentage of star falling outside central band per profile



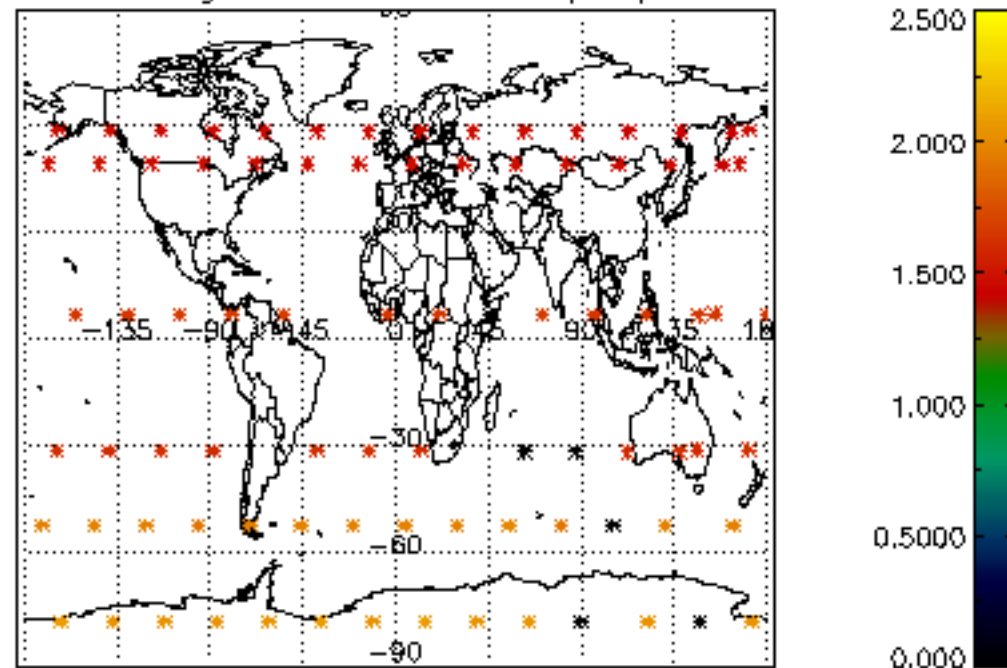
Percentage of saturation errors per profile



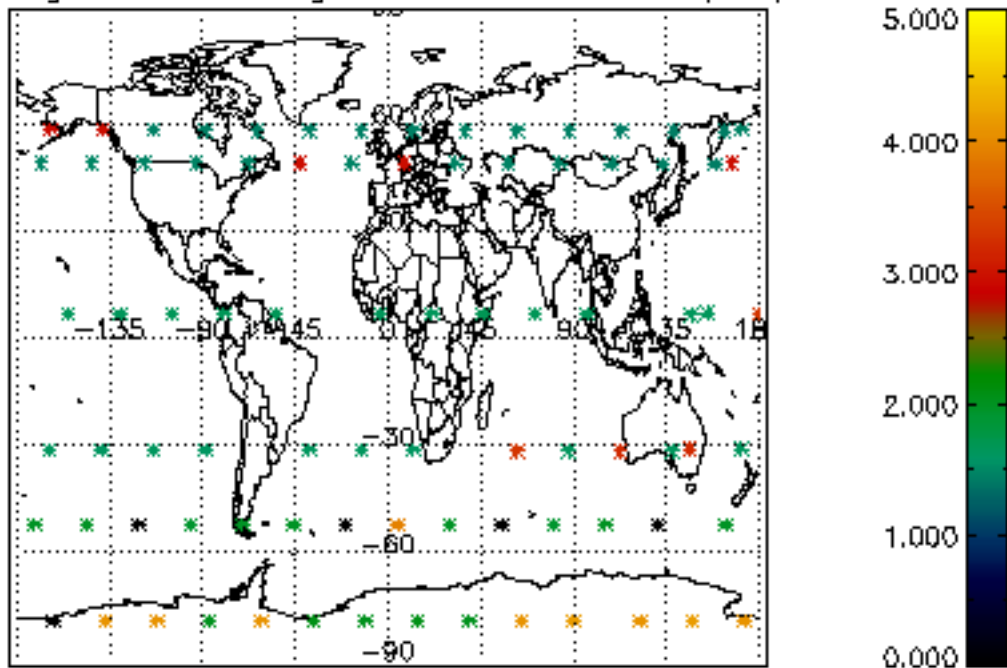
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

