

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 10:05:52
Data source version	GOMOS/6.01
Start time of products	11-06-2009 (11JUN2009 00:00:00)
Stop time of products	12-06-2009 (12JUN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	183
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__2PRFIN20090611_000158_000000262079_00431_38060_2245.N1	11-JUN-2009 00:01:58	Twilight	26.000	74	11Bet Cas	2.2680	6600.0	52	38060	No
2	GOM_NL__2PRFIN20090611_001025_000000252079_00431_38060_2246.N1	11-JUN-2009 00:10:25	Twilight	24.500	53	43Bet And	2.0480	3300.0	49	38060	No
3	GOM_NL__2PRFIN20090611_002836_000000312079_00431_38060_2247.N1	11-JUN-2009 00:28:36	Dark	30.500	52	16Bet Cet	2.0370	4500.0	61	38060	No
4	GOM_NL__2PRFIN20090611_003855_000000452079_00432_38061_2250.N1	11-JUN-2009 00:38:55	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	38061	No
5	GOM_NL__2PRFIN20090611_004102_000000342079_00432_38061_2251.N1	11-JUN-2009 00:41:02	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38061	No
6	GOM_NL__2PRFIN20090611_004303_000000342079_00432_38061_2252.N1	11-JUN-2009 00:43:03	Dark	34.000	31	Alp Gru	1.7340	15200.0	68	38061	No
7	GOM_NL__2PRFIN20090611_004433_000000432079_00432_38061_2253.N1	11-JUN-2009 00:44:33	Straylight	42.500	172	Gam Gru	3.0030	13100.0	85	38061	No
8	GOM_NL__2PRFIN20090611_005712_000000312079_00432_38061_2254.N1	11-JUN-2009 00:57:12	Twilight	31.000	38	20Eps Sgr	1.8360	11000.0	62	38061	No
9	GOM_NL__2PRFIN20090611_005911_000000372079_00432_38061_2255.N1	11-JUN-2009 00:59:11	Twilight	36.500	57	34Sig Sgr	2.0660	26000.0	73	38061	No
10	GOM_NL__2PRFIN20090611_011122_000000342079_00432_38061_2256.N1	11-JUN-2009 01:11:22	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	38061	No
11	GOM_NL__2PRFIN20090611_011358_000000342079_00432_38061_2257.N1	11-JUN-2009 01:13:58	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38061	No
12	GOM_NL__2PRFIN20090611_012552_000000302079_00432_38061_2258.N1	11-JUN-2009 01:25:52	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38061	No
13	GOM_NL__2PRFIN20090611_013633_000000322079_00432_38061_2259.N1	11-JUN-2009 01:36:33	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	38061	No
14	GOM_NL__2PRFIN20090611_014234_000000262079_00432_38061_2260.N1	11-JUN-2009 01:42:34	Twilight	26.000	74	11Bet Cas	2.2680	6600.0	52	38061	No
15	GOM_NL__2PRFIN20090611_015101_000000242079_00432_38061_2261.N1	11-JUN-2009 01:51:01	Twilight	23.500	53	43Bet And	2.0480	3300.0	47	38061	No
16	GOM_NL__2PRFIN20090611_020913_000000312079_00432_38061_2262.N1	11-JUN-2009 02:09:13	Dark	31.000	52	16Bet Cet	2.0370	4500.0	62	38061	No
17	GOM_NL__2PRFIN20090611_021932_000000452079_00433_38062_2266.N1	11-JUN-2009 02:19:32	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	38062	No
18	GOM_NL__2PRFIN20090611_022138_000000342079_00433_38062_2267.N1	11-JUN-2009 02:21:38	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38062	No
19	GOM_NL__2PRFIN20090611_022340_000000352079_00433_38062_2268.N1	11-JUN-2009 02:23:40	Dark	34.500	31	Alp Gru	1.7340	15200.0	69	38062	No
20	GOM_NL__2PRFIN20090611_022510_000000432079_00433_38062_2269.N1	11-JUN-2009 02:25:10	Straylight	42.500	172	Gam Gru	3.0030	13100.0	85	38062	No
21	GOM_NL__2PRFIN20090611_023749_000000312079_00433_38062_2270.N1	11-JUN-2009 02:37:49	Twilight	30.500	38	20Eps Sgr	1.8360	11000.0	61	38062	No
22	GOM_NL__2PRFIN20090611_023948_000000372079_00433_38062_2271.N1	11-JUN-2009 02:39:48	Twilight	36.500	57	34Sig Sgr	2.0660	26000.0	73	38062	No
23	GOM_NL__2PRFIN20090611_025157_000000342079_00433_38062_2272.N1	11-JUN-2009 02:51:57	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	38062	No
24	GOM_NL__2PRFIN20090611_025434_000000332079_00433_38062_2273.N1	11-JUN-2009 02:54:34	Bright	33.000	59	55Alp Oph	2.0800	8900.0	66	38062	No
25	GOM_NL__2PRFIN20090611_030627_000000302079_00433_38062_2274.N1	11-JUN-2009 03:06:27	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38062	No
26	GOM_NL__2PRFIN20090611_031708_000000312079_00433_38062_2275.N1	11-JUN-2009 03:17:08	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38062	No
27	GOM_NL__2PRFIN20090611_032310_000000262079_00433_38062_2276.N1	11-JUN-2009 03:23:10	Twilight	25.500	74	11Bet Cas	2.2680	6600.0	51	38062	No
28	GOM_NL__2PRFIN20090611_033137_000000242079_00433_38062_2277.N1	11-JUN-2009 03:31:37	Twilight	24.000	53	43Bet And	2.0480	3300.0	48	38062	No
29	GOM_NL__2PRFIN20090611_034950_000000312079_00433_38062_2278.N1	11-JUN-2009 03:49:50	Dark	31.000	52	16Bet Cet	2.0370	4500.0	62	38062	No
30	GOM_NL__2PRFIN20090611_040215_000000342079_00434_38063_2280.N1	11-JUN-2009 04:02:15	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38063	No
31	GOM_NL__2PRFIN20090611_040417_000000342079_00434_38063_2281.N1	11-JUN-2009 04:04:17	Dark	34.000	31	Alp Gru	1.7340	15200.0	68	38063	No
32	GOM_NL__2PRFIN20090611_040548_000000432079_00434_38063_2282.N1	11-JUN-2009 04:05:48	Straylight	42.500	172	Gam Gru	3.0030	13100.0	85	38063	No
33	GOM_NL__2PRFIN20090611_041825_000000312079_00434_38063_2283.N1	11-JUN-2009 04:18:25	Twilight	31.000	38	20Eps Sgr	1.8360	11000.0	62	38063	No
34	GOM_NL__2PRFIN20090611_042024_000000372079_00434_38063_2284.N1	11-JUN-2009 04:20:24	Twilight	36.500	57	34Sig Sgr	2.0660	26000.0	73	38063	No
35	GOM_NL__2PRFIN20090611_043233_000000342079_00434_38063_2285.N1	11-JUN-2009 04:32:33	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	38063	No
36	GOM_NL__2PRFIN20090611_043509_000000342079_00434_38063_2286.N1	11-JUN-2009 04:35:09	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38063	No
37	GOM_NL__2PRFIN20090611_044703_000000302079_00434_38063_2287.N1	11-JUN-2009 04:47:03	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38063	No
38	GOM_NL__2PRFIN20090611_045744_000000312079_00434_38063_2288.N1	11-JUN-2009 04:57:44	Twilight	30.500	89	5Alp Cep	2.4510	8000.0	61	38063	No
39	GOM_NL__2PRFIN20090611_050345_000000262079_00434_38063_2289.N1	11-JUN-2009 05:03:45	Twilight	26.000	74	11Bet Cas	2.2680	6600.0	52	38063	No
40	GOM_NL__2PRFIN20090611_051213_000000252079_00434_38063_2290.N1	11-JUN-2009 05:12:13	Twilight	24.500	53	43Bet And	2.0480	3300.0	49	38063	No
41	GOM_NL__2PRFIN20090611_053027_000000322079_00434_38063_2291.N1	11-JUN-2009 05:30:27	Dark	31.500	52	16Bet Cet	2.0370	4500.0	63	38063	No
42	GOM_NL__2PRFIN20090611_054048_000000452079_00435_38064_2294.N1	11-JUN-2009 05:40:48	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	38064	No

43	GOM_NL__2PRFIN20090611_054252_000000342079_00435_38064_2295.N1	11-JUN-2009 05:42:52	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38064	No
44	GOM_NL__2PRFIN20090611_054454_000000352079_00435_38064_2296.N1	11-JUN-2009 05:44:54	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38064	No
45	GOM_NL__2PRFIN20090611_054625_000000432079_00435_38064_2297.N1	11-JUN-2009 05:46:25	Straylight	42.500	172	Gam Gru	3.0030	13100.	85	38064	No
46	GOM_NL__2PRFIN20090611_055902_000000312079_00435_38064_2298.N1	11-JUN-2009 05:59:02	Tw_i_and_stray	30.500	38	20Eps Sgr	1.8360	11000.	61	38064	No
47	GOM_NL__2PRFIN20090611_060101_000000372079_00435_38064_2299.N1	11-JUN-2009 06:01:01	Tw_i_and_stray	36.500	57	34Sig Sgr	2.0660	26000.	73	38064	No
48	GOM_NL__2PRFIN20090611_061309_000000342079_00435_38064_2300.N1	11-JUN-2009 06:13:09	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	38064	No
49	GOM_NL__2PRFIN20090611_061545_000000342079_00435_38064_2301.N1	11-JUN-2009 06:15:45	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38064	No
50	GOM_NL__2PRFIN20090611_062738_000000312079_00435_38064_2302.N1	11-JUN-2009 06:27:38	Bright	30.500	130	23Bet Dra	2.7990	5800.0	61	38064	No
51	GOM_NL__2PRFIN20090611_063819_000000312079_00435_38064_2303.N1	11-JUN-2009 06:38:19	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38064	No
52	GOM_NL__2PRFIN20090611_064421_000000262079_00435_38064_2304.N1	11-JUN-2009 06:44:21	Tw_i_and_stray	26.000	74	11Bet Cas	2.2680	6600.0	52	38064	No
53	GOM_NL__2PRFIN20090611_065249_000000252079_00435_38064_2305.N1	11-JUN-2009 06:52:49	Tw_i_and_stray	24.500	53	43Bet And	2.0480	3300.0	49	38064	No
54	GOM_NL__2PRFIN20090611_071103_000000312079_00435_38064_2306.N1	11-JUN-2009 07:11:03	Dark	31.000	52	16Bet Cet	2.0370	4500.0	62	38064	No
55	GOM_NL__2PRFIN20090611_072125_000000452079_00436_38065_2308.N1	11-JUN-2009 07:21:25	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	38065	No
56	GOM_NL__2PRFIN20090611_072329_000000342079_00436_38065_2309.N1	11-JUN-2009 07:23:29	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38065	No
57	GOM_NL__2PRFIN20090611_072531_000000352079_00436_38065_2310.N1	11-JUN-2009 07:25:31	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38065	No
58	GOM_NL__2PRFIN20090611_072703_000000422079_00436_38065_2311.N1	11-JUN-2009 07:27:03	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38065	No
59	GOM_NL__2PRFIN20090611_073938_000000312079_00436_38065_2312.N1	11-JUN-2009 07:39:38	Tw_i_and_stray	30.500	38	20Eps Sgr	1.8360	11000.	61	38065	No
60	GOM_NL__2PRFIN20090611_074137_000000362079_00436_38065_2313.N1	11-JUN-2009 07:41:37	Tw_i_and_stray	36.000	57	34Sig Sgr	2.0660	26000.	72	38065	No
61	GOM_NL__2PRFIN20090611_075344_000000342079_00436_38065_2314.N1	11-JUN-2009 07:53:44	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	38065	No
62	GOM_NL__2PRFIN20090611_075620_000000342079_00436_38065_2315.N1	11-JUN-2009 07:56:20	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	38065	No
63	GOM_NL__2PRFIN20090611_080814_000000302079_00436_38065_2316.N1	11-JUN-2009 08:08:14	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38065	No
64	GOM_NL__2PRFIN20090611_081854_000000322079_00436_38065_2317.N1	11-JUN-2009 08:18:54	Tw_i_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	38065	No
65	GOM_NL__2PRFIN20090611_082457_000000262079_00436_38065_2318.N1	11-JUN-2009 08:24:57	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38065	No
66	GOM_NL__2PRFIN20090611_083325_000000252079_00436_38065_2319.N1	11-JUN-2009 08:33:25	Tw_i_and_stray	24.500	53	43Bet And	2.0480	3300.0	49	38065	No
67	GOM_NL__2PRFIN20090611_085140_000000312079_00436_38065_2320.N1	11-JUN-2009 08:51:40	Dark	31.000	52	16Bet Cet	2.0370	4500.0	62	38065	No
68	GOM_NL__2PRFIN20090611_090203_000000452079_00437_38066_2322.N1	11-JUN-2009 09:02:03	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	38066	No
69	GOM_NL__2PRFIN20090611_090406_000000342079_00437_38066_2323.N1	11-JUN-2009 09:04:06	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38066	No
70	GOM_NL__2PRFIN20090611_090608_000000352079_00437_38066_2324.N1	11-JUN-2009 09:06:08	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38066	No
71	GOM_NL__2PRFIN20090611_090740_000000422079_00437_38066_2325.N1	11-JUN-2009 09:07:40	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38066	No
72	GOM_NL__2PRFIN20090611_092014_000000302079_00437_38066_2326.N1	11-JUN-2009 09:20:14	Tw_i_and_stray	29.500	38	20Eps Sgr	1.8360	11000.	59	38066	No
73	GOM_NL__2PRFIN20090611_092213_000000352079_00437_38066_2327.N1	11-JUN-2009 09:22:13	Tw_i_and_stray	35.000	57	34Sig Sgr	2.0660	26000.	70	38066	No
74	GOM_NL__2PRFIN20090611_093420_000000332079_00437_38066_2328.N1	11-JUN-2009 09:34:20	Tw_i_and_stray	33.000	126	60Bet Oph	2.7700	4250.0	66	38066	No
75	GOM_NL__2PRFIN20090611_093656_000000332079_00437_38066_2329.N1	11-JUN-2009 09:36:56	Bright	33.000	59	55Alp Oph	2.0800	8900.0	66	38066	No
76	GOM_NL__2PRFIN20090611_094849_000000302079_00437_38066_2330.N1	11-JUN-2009 09:48:49	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38066	No
77	GOM_NL__2PRFIN20090611_095929_000000312079_00437_38066_2331.N1	11-JUN-2009 09:59:29	Tw_i_and_stray	30.500	89	5Alp Cep	2.4510	8000.0	61	38066	No
78	GOM_NL__2PRFIN20090611_100533_000000252079_00437_38066_2332.N1	11-JUN-2009 10:05:33	Tw_i_and_stray	24.500	74	11Bet Cas	2.2680	6600.0	49	38066	No
79	GOM_NL__2PRFIN20090611_101401_000000242079_00437_38066_2333.N1	11-JUN-2009 10:14:01	Tw_i_and_stray	23.500	53	43Bet And	2.0480	3300.0	47	38066	No
80	GOM_NL__2PRFIN20090611_103217_000000312079_00437_38066_2334.N1	11-JUN-2009 10:32:17	Dark	30.500	52	16Bet Cet	2.0370	4500.0	61	38066	No
81	GOM_NL__2PRFIN20090611_104240_000000452079_00438_38067_2356.N1	11-JUN-2009 10:42:40	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	38067	No
82	GOM_NL__2PRFIN20090611_104443_000000332079_00438_38067_2357.N1	11-JUN-2009 10:44:43	Dark	33.000	63	Bet Gru	2.1500	2800.0	66	38067	No
83	GOM_NL__2PRFIN20090611_104645_000000352079_00438_38067_2358.N1	11-JUN-2009 10:46:45	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38067	No
84	GOM_NL__2PRFIN20090611_104817_000000422079_00438_38067_2359.N1	11-JUN-2009 10:48:17	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38067	No
85	GOM_NL__2PRFIN20090611_110050_000000312079_00438_38067_2360.N1	11-JUN-2009 11:00:50	Tw_i_and_stray	30.500	38	20Eps Sgr	1.8360	11000.	61	38067	No
86	GOM_NL__2PRFIN20090611_110250_000000362079_00438_38067_2361.N1	11-JUN-2009 11:02:50	Tw_i_and_stray	35.500	57	34Sig Sgr	2.0660	26000.	71	38067	No
87	GOM_NL__2PRFIN20090611_111455_000000342079_00438_38067_2362.N1	11-JUN-2009 11:14:55	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	38067	No
88	GOM_NL__2PRFIN20090611_111732_000000342079_00438_38067_2363.N1	11-JUN-2009 11:17:32	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	38067	No
89	GOM_NL__2PRFIN20090611_112925_000000302079_00438_38067_2364.N1	11-JUN-2009 11:29:25	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38067	No
90	GOM_NL__2PRFIN20090611_114608_000000262079_00438_38067_2365.N1	11-JUN-2009 11:46:08	Tw_i_and_stray	26.000	74	11Bet Cas	2.2680	6600.0	52	38067	No
91	GOM_NL__2PRFIN20090611_115437_000000252079_00438_38067_2366.N1	11-JUN-2009 11:54:37	Tw_i_and_stray	24.500	53	43Bet And	2.0480	3300.0	49	38067	No
92	GOM_NL__2PRFIN20090611_121254_000000312079_00438_38067_2367.N1	11-JUN-2009 12:12:54	Dark	31.000	52	16Bet Cet	2.0370	4500.0	62	38067	No
93	GOM_NL__2PRFIN20090611_122318_000000442079_00439_38068_2366.N1	11-JUN-2009 12:23:18	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	38068	No
94	GOM_NL__2PRFIN20090611_122520_000000342079_00439_38068_2367.N1	11-JUN-2009 12:25:20	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38068	No
95	GOM_NL__2PRFIN20090611_122722_000000352079_00439_38068_2368.N1	11-JUN-2009 12:27:22	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38068	No
96	GOM_NL__2PRFIN20090611_122854_000000422079_00439_38068_2369.N1	11-JUN-2009 12:28:54	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38068	No
97	GOM_NL__2PRFIN20090611_124127_000000312079_00439_38068_2370.N1	11-JUN-2009 12:41:27	Tw_i_and_stray	30.500	38	20Eps Sgr	1.8360	11000.	61	38068	No
98	GOM_NL__2PRFIN20090611_124326_000000362079_00439_38068_2371.N1	11-JUN-2009 12:43:26	Tw_i_and_stray	35.500	57	34Sig Sgr	2.0660	26000.	71	38068	No
99	GOM_NL__2PRFIN20090611_125531_000000342079_00439_38068_2372.N1	11-JUN-2009 12:55:31	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	38068	No
100	GOM_NL__2PRFIN20090611_125807_000000332079_00439_38068_2373.N1	11-JUN-2009 12:58:07	Bright	33.000	59	55Alp Oph	2.0800	8900.0	66	38068	No
101	GOM_NL__2PRFIN20090611_131000_000000302079_00439_38068_2374.N1	11-JUN-2009 13:10:00	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38068	No

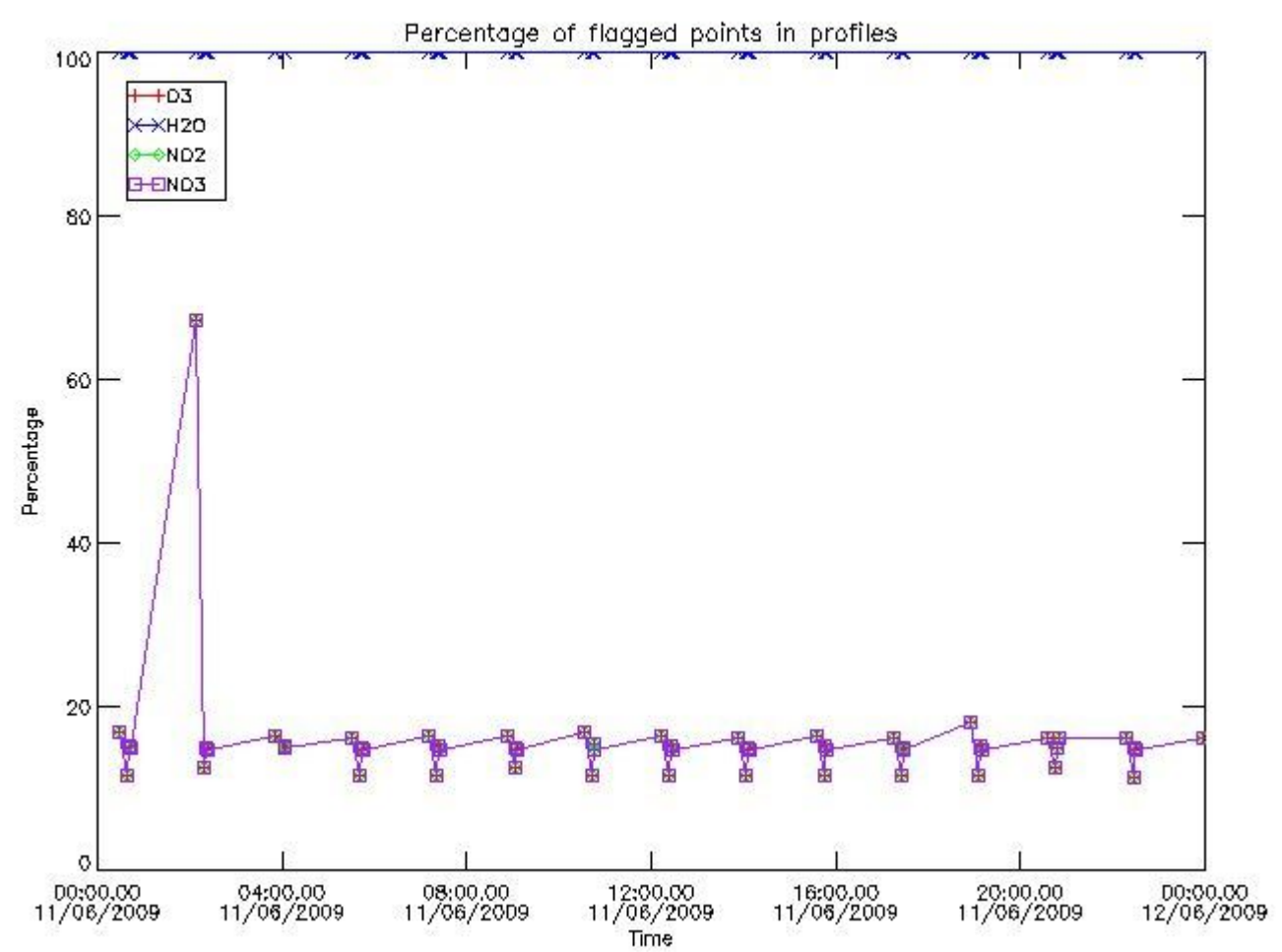
102	GOM_NL__2PRFIN20090611_132040_000000322079_00439_38068_2375.N1	11-JUN-2009 13:20:40	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	38068	No
103	GOM_NL__2PRFIN20090611_132644_000000262079_00439_38068_2376.N1	11-JUN-2009 13:26:44	Twilight	26.000	74	11Bet Cas	2.2680	6600.0	52	38068	No
104	GOM_NL__2PRFIN20090611_133513_000000252079_00439_38068_2377.N1	11-JUN-2009 13:35:13	Twilight	24.500	53	43Bet And	2.0480	3300.0	49	38068	No
105	GOM_NL__2PRFIN20090611_135331_000000322079_00439_38068_2378.N1	11-JUN-2009 13:53:31	Dark	31.500	52	16Bet Cet	2.0370	4500.0	63	38068	No
106	GOM_NL__2PRFIN20090611_140355_000000452079_00440_38069_2384.N1	11-JUN-2009 14:03:55	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	38069	No
107	GOM_NL__2PRFIN20090611_140557_000000342079_00440_38069_2385.N1	11-JUN-2009 14:05:57	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38069	No
108	GOM_NL__2PRFIN20090611_140758_000000352079_00440_38069_2386.N1	11-JUN-2009 14:07:58	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38069	No
109	GOM_NL__2PRFIN20090611_140932_000000422079_00440_38069_2387.N1	11-JUN-2009 14:09:32	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38069	No
110	GOM_NL__2PRFIN20090611_142203_000000312079_00440_38069_2388.N1	11-JUN-2009 14:22:03	Twilight	30.500	38	20Eps Sgr	1.8360	11000.	61	38069	No
111	GOM_NL__2PRFIN20090611_142402_000000362079_00440_38069_2389.N1	11-JUN-2009 14:24:02	Twilight	35.500	57	34Sig Sgr	2.0660	26000.	71	38069	No
112	GOM_NL__2PRFIN20090611_143606_000000342079_00440_38069_2390.N1	11-JUN-2009 14:36:06	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	38069	No
113	GOM_NL__2PRFIN20090611_143843_000000332079_00440_38069_2391.N1	11-JUN-2009 14:38:43	Bright	33.000	59	55Alp Oph	2.0800	8900.0	66	38069	No
114	GOM_NL__2PRFIN20090611_145036_000000302079_00440_38069_2392.N1	11-JUN-2009 14:50:36	Bright	29.500	130	23Bet Dra	2.7990	5800.0	59	38069	No
115	GOM_NL__2PRFIN20090611_150116_000000312079_00440_38069_2393.N1	11-JUN-2009 15:01:16	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38069	No
116	GOM_NL__2PRFIN20090611_150719_000000262079_00440_38069_2394.N1	11-JUN-2009 15:07:19	Twilight	26.000	74	11Bet Cas	2.2680	6600.0	52	38069	No
117	GOM_NL__2PRFIN20090611_151549_000000252079_00440_38069_2395.N1	11-JUN-2009 15:15:49	Twilight	24.500	53	43Bet And	2.0480	3300.0	49	38069	No
118	GOM_NL__2PRFIN20090611_153408_000000312079_00440_38069_2396.N1	11-JUN-2009 15:34:08	Dark	31.000	52	16Bet Cet	2.0370	4500.0	62	38069	No
119	GOM_NL__2PRFIN20090611_154433_000000452079_00441_38070_2398.N1	11-JUN-2009 15:44:33	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	38070	No
120	GOM_NL__2PRFIN20090611_154634_000000342079_00441_38070_2399.N1	11-JUN-2009 15:46:34	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38070	No
121	GOM_NL__2PRFIN20090611_154835_000000352079_00441_38070_2400.N1	11-JUN-2009 15:48:35	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38070	No
122	GOM_NL__2PRFIN20090611_155009_000000422079_00441_38070_2401.N1	11-JUN-2009 15:50:09	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38070	No
123	GOM_NL__2PRFIN20090611_160240_000000312079_00441_38070_2402.N1	11-JUN-2009 16:02:40	Twilight	30.500	38	20Eps Sgr	1.8360	11000.	61	38070	No
124	GOM_NL__2PRFIN20090611_160439_000000362079_00441_38070_2403.N1	11-JUN-2009 16:04:39	Twilight	36.000	57	34Sig Sgr	2.0660	26000.	72	38070	No
125	GOM_NL__2PRFIN20090611_161642_000000342079_00441_38070_2404.N1	11-JUN-2009 16:16:42	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	38070	No
126	GOM_NL__2PRFIN20090611_161918_000000332079_00441_38070_2405.N1	11-JUN-2009 16:19:18	Bright	33.000	59	55Alp Oph	2.0800	8900.0	66	38070	No
127	GOM_NL__2PRFIN20090611_163111_000000302079_00441_38070_2406.N1	11-JUN-2009 16:31:11	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38070	No
128	GOM_NL__2PRFIN20090611_164150_000000312079_00441_38070_2407.N1	11-JUN-2009 16:41:50	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38070	No
129	GOM_NL__2PRFIN20090611_164755_000000262079_00441_38070_2408.N1	11-JUN-2009 16:47:55	Twilight	25.500	74	11Bet Cas	2.2680	6600.0	51	38070	No
130	GOM_NL__2PRFIN20090611_165625_000000252079_00441_38070_2409.N1	11-JUN-2009 16:56:25	Twilight	24.500	53	43Bet And	2.0480	3300.0	49	38070	No
131	GOM_NL__2PRFIN20090611_171445_000000322079_00441_38070_2410.N1	11-JUN-2009 17:14:45	Dark	31.500	52	16Bet Cet	2.0370	4500.0	63	38070	No
132	GOM_NL__2PRFIN20090611_172510_000000452079_00442_38071_2414.N1	11-JUN-2009 17:25:10	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	38071	No
133	GOM_NL__2PRFIN20090611_172711_000000342079_00442_38071_2415.N1	11-JUN-2009 17:27:11	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38071	No
134	GOM_NL__2PRFIN20090611_172912_000000352079_00442_38071_2416.N1	11-JUN-2009 17:29:12	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38071	No
135	GOM_NL__2PRFIN20090611_173046_000000432079_00442_38071_2417.N1	11-JUN-2009 17:30:46	Straylight	42.500	172	Gam Gru	3.0030	13100.	85	38071	No
136	GOM_NL__2PRFIN20090611_174316_000000312079_00442_38071_2418.N1	11-JUN-2009 17:43:16	Twilight	30.500	38	20Eps Sgr	1.8360	11000.	61	38071	No
137	GOM_NL__2PRFIN20090611_174515_000000372079_00442_38071_2419.N1	11-JUN-2009 17:45:15	Twilight	36.500	57	34Sig Sgr	2.0660	26000.	73	38071	No
138	GOM_NL__2PRFIN20090611_175718_000000342079_00442_38071_2420.N1	11-JUN-2009 17:57:18	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	38071	No
139	GOM_NL__2PRFIN20090611_175954_000000332079_00442_38071_2421.N1	11-JUN-2009 17:59:54	Bright	33.000	59	55Alp Oph	2.0800	8900.0	66	38071	No
140	GOM_NL__2PRFIN20090611_181146_000000302079_00442_38071_2422.N1	11-JUN-2009 18:11:46	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38071	No
141	GOM_NL__2PRFIN20090611_182226_000000312079_00442_38071_2423.N1	11-JUN-2009 18:22:26	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38071	No
142	GOM_NL__2PRFIN20090611_182831_000000262079_00442_38071_2424.N1	11-JUN-2009 18:28:31	Twilight	26.000	74	11Bet Cas	2.2680	6600.0	52	38071	No
143	GOM_NL__2PRFIN20090611_183701_000000252079_00442_38071_2425.N1	11-JUN-2009 18:37:01	Twilight	24.500	53	43Bet And	2.0480	3300.0	49	38071	No
144	GOM_NL__2PRFIN20090611_185522_000000312079_00442_38071_2426.N1	11-JUN-2009 18:55:22	Dark	31.000	52	16Bet Cet	2.0370	4500.0	62	38071	No
145	GOM_NL__2PRFIN20090611_190548_000000452079_00443_38072_2431.N1	11-JUN-2009 19:05:48	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	38072	No
146	GOM_NL__2PRFIN20090611_190748_000000342079_00443_38072_2432.N1	11-JUN-2009 19:07:48	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38072	No
147	GOM_NL__2PRFIN20090611_190950_000000352079_00443_38072_2433.N1	11-JUN-2009 19:09:50	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38072	No
148	GOM_NL__2PRFIN20090611_191124_000000422079_00443_38072_2434.N1	11-JUN-2009 19:11:24	Straylight	41.500	172	Gam Gru	3.0030	13100.	83	38072	No
149	GOM_NL__2PRFIN20090611_192352_000000312079_00443_38072_2435.N1	11-JUN-2009 19:23:52	Twilight	30.500	38	20Eps Sgr	1.8360	11000.	61	38072	No
150	GOM_NL__2PRFIN20090611_192552_000000372079_00443_38072_2436.N1	11-JUN-2009 19:25:52	Twilight	36.500	57	34Sig Sgr	2.0660	26000.	73	38072	No
151	GOM_NL__2PRFIN20090611_193753_000000342079_00443_38072_2437.N1	11-JUN-2009 19:37:53	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	38072	No
152	GOM_NL__2PRFIN20090611_194029_000000332079_00443_38072_2438.N1	11-JUN-2009 19:40:29	Bright	33.000	59	55Alp Oph	2.0800	8900.0	66	38072	No
153	GOM_NL__2PRFIN20090611_195222_000000302079_00443_38072_2439.N1	11-JUN-2009 19:52:22	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38072	No
154	GOM_NL__2PRFIN20090611_200301_000000312079_00443_38072_2440.N1	11-JUN-2009 20:03:01	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38072	No
155	GOM_NL__2PRFIN20090611_200906_000000262079_00443_38072_2441.N1	11-JUN-2009 20:09:06	Twilight	26.000	74	11Bet Cas	2.2680	6600.0	52	38072	No
156	GOM_NL__2PRFIN20090611_201738_000000252079_00443_38072_2442.N1	11-JUN-2009 20:17:38	Twilight	24.500	53	43Bet And	2.0480	3300.0	49	38072	No
157	GOM_NL__2PRFIN20090611_203558_000000322079_00443_38072_2443.N1	11-JUN-2009 20:35:58	Dark	31.500	52	16Bet Cet	2.0370	4500.0	63	38072	No
158	GOM_NL__2PRFIN20090611_204625_000000452079_00444_38073_2448.N1	11-JUN-2009 20:46:25	Dark	45.000	18	24Alp PsA	1.1660	9700.0	90	38073	No
159	GOM_NL__2PRFIN20090611_204824_000000342079_00444_38073_2449.N1	11-JUN-2009 20:48:24	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38073	No
160	GOM_NL__2PRFIN20090611_205027_000000352079_00444_38073_2450.N1	11-JUN-2009 20:50:27	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38073	No

161	GOM_NL__2PRFIN20090611_205201_000000432079_00444_38073_2451.N1	11-JUN-2009 20:52:01	Straylight	42.500	172	Gam Gru	3.0030	13100.	85	38073	No
162	GOM_NL__2PRFIN20090611_210429_000000312079_00444_38073_2452.N1	11-JUN-2009 21:04:29	Twilight_stray	30.500	38	20Eps Sgr	1.8360	11000.	61	38073	No
163	GOM_NL__2PRFIN20090611_210628_000000362079_00444_38073_2453.N1	11-JUN-2009 21:06:28	Twilight_stray	36.000	57	34Sig Sgr	2.0660	26000.	72	38073	No
164	GOM_NL__2PRFIN20090611_211829_000000342079_00444_38073_2454.N1	11-JUN-2009 21:18:29	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	38073	No
165	GOM_NL__2PRFIN20090611_212105_000000332079_00444_38073_2455.N1	11-JUN-2009 21:21:05	Bright	33.000	59	55Alp Oph	2.0800	8900.0	66	38073	No
166	GOM_NL__2PRFIN20090611_213258_000000302079_00444_38073_2456.N1	11-JUN-2009 21:32:58	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38073	No
167	GOM_NL__2PRFIN20090611_214337_000000312079_00444_38073_2457.N1	11-JUN-2009 21:43:37	Twilight_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38073	No
168	GOM_NL__2PRFIN20090611_214942_000000262079_00444_38073_2458.N1	11-JUN-2009 21:49:42	Twilight_stray	26.000	74	11Bet Cas	2.2680	6600.0	52	38073	No
169	GOM_NL__2PRFIN20090611_215813_000000242079_00444_38073_2459.N1	11-JUN-2009 21:58:13	Twilight_stray	24.000	53	43Bet And	2.0480	3300.0	48	38073	No
170	GOM_NL__2PRFIN20090611_221635_000000322079_00444_38073_2460.N1	11-JUN-2009 22:16:35	Dark	31.500	52	16Bet Cet	2.0370	4500.0	63	38073	No
171	GOM_NL__2PRFIN20090611_222703_000000452079_00445_38074_2465.N1	11-JUN-2009 22:27:03	Dark	45.000	18	24Alp PsA	1.1660	9700.0	90	38074	No
172	GOM_NL__2PRFIN20090611_222901_000000342079_00445_38074_2466.N1	11-JUN-2009 22:29:01	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38074	No
173	GOM_NL__2PRFIN20090611_223103_000000352079_00445_38074_2467.N1	11-JUN-2009 22:31:03	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38074	No
174	GOM_NL__2PRFIN20090611_223238_000000422079_00445_38074_2468.N1	11-JUN-2009 22:32:38	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38074	No
175	GOM_NL__2PRFIN20090611_224505_000000312079_00445_38074_2469.N1	11-JUN-2009 22:45:05	Twilight_stray	30.500	38	20Eps Sgr	1.8360	11000.	61	38074	No
176	GOM_NL__2PRFIN20090611_224704_000000362079_00445_38074_2470.N1	11-JUN-2009 22:47:04	Twilight_stray	36.000	57	34Sig Sgr	2.0660	26000.	72	38074	No
177	GOM_NL__2PRFIN20090611_225904_000000342079_00445_38074_2471.N1	11-JUN-2009 22:59:04	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	38074	No
178	GOM_NL__2PRFIN20090611_230140_000000332079_00445_38074_2472.N1	11-JUN-2009 23:01:40	Bright	33.000	59	55Alp Oph	2.0800	8900.0	66	38074	No
179	GOM_NL__2PRFIN20090611_231333_000000302079_00445_38074_2473.N1	11-JUN-2009 23:13:33	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38074	No
180	GOM_NL__2PRFIN20090611_232412_000000322079_00445_38074_2474.N1	11-JUN-2009 23:24:12	Twilight_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	38074	No
181	GOM_NL__2PRFIN20090611_233018_000000262079_00445_38074_2475.N1	11-JUN-2009 23:30:18	Twilight_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38074	No
182	GOM_NL__2PRFIN20090611_233849_000000252079_00445_38074_2476.N1	11-JUN-2009 23:38:49	Twilight_stray	24.500	53	43Bet And	2.0480	3300.0	49	38074	No
183	GOM_NL__2PRFIN20090611_235712_000000322079_00445_38074_2477.N1	11-JUN-2009 23:57:12	Dark	31.500	52	16Bet Cet	2.0370	4500.0	63	38074	No

3. Quality information per product

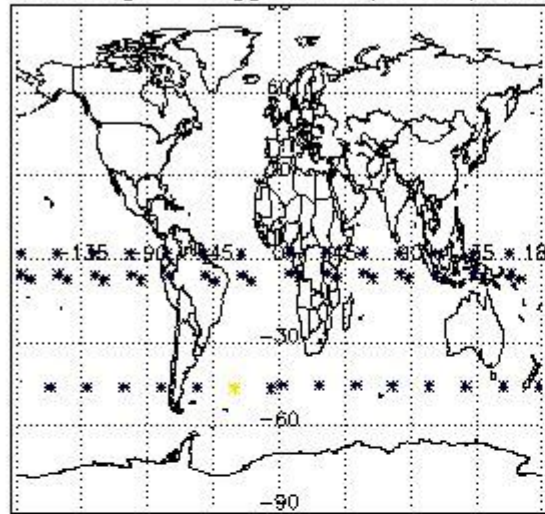
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

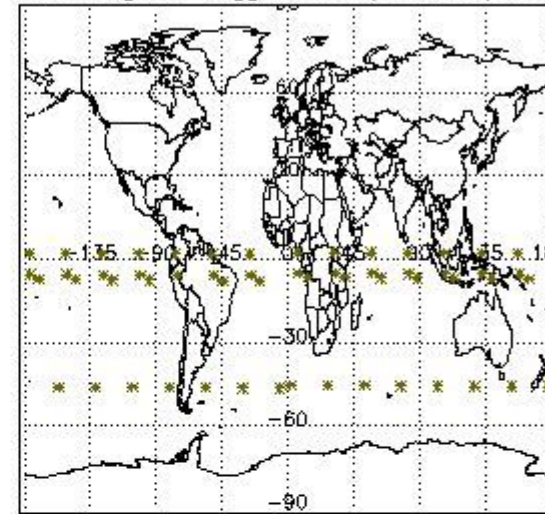


3.2 Plot quality information per product (world map)

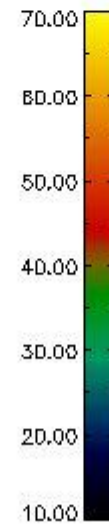
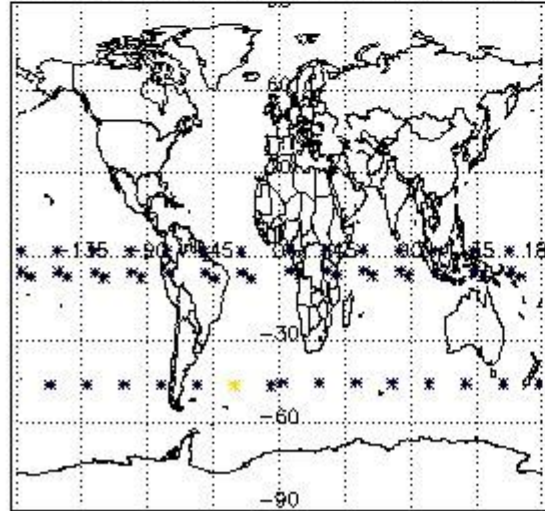
Percentage of flagged data per O3 profile



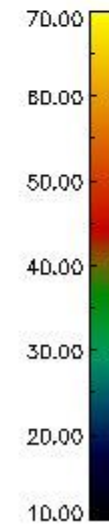
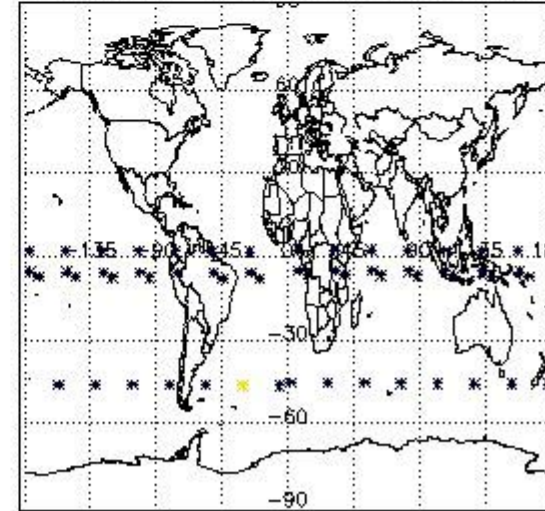
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

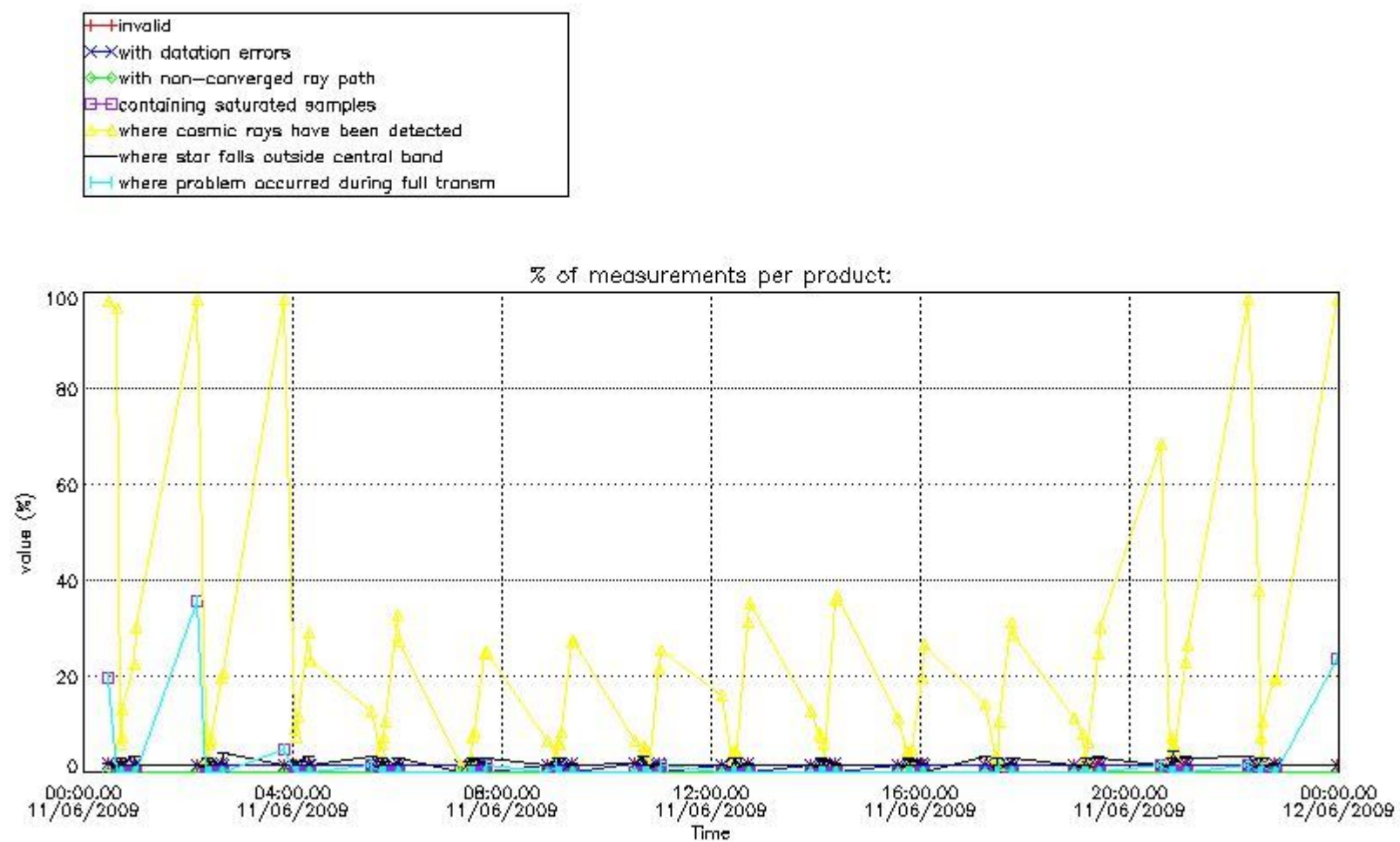


4. Level 1 quality information per product

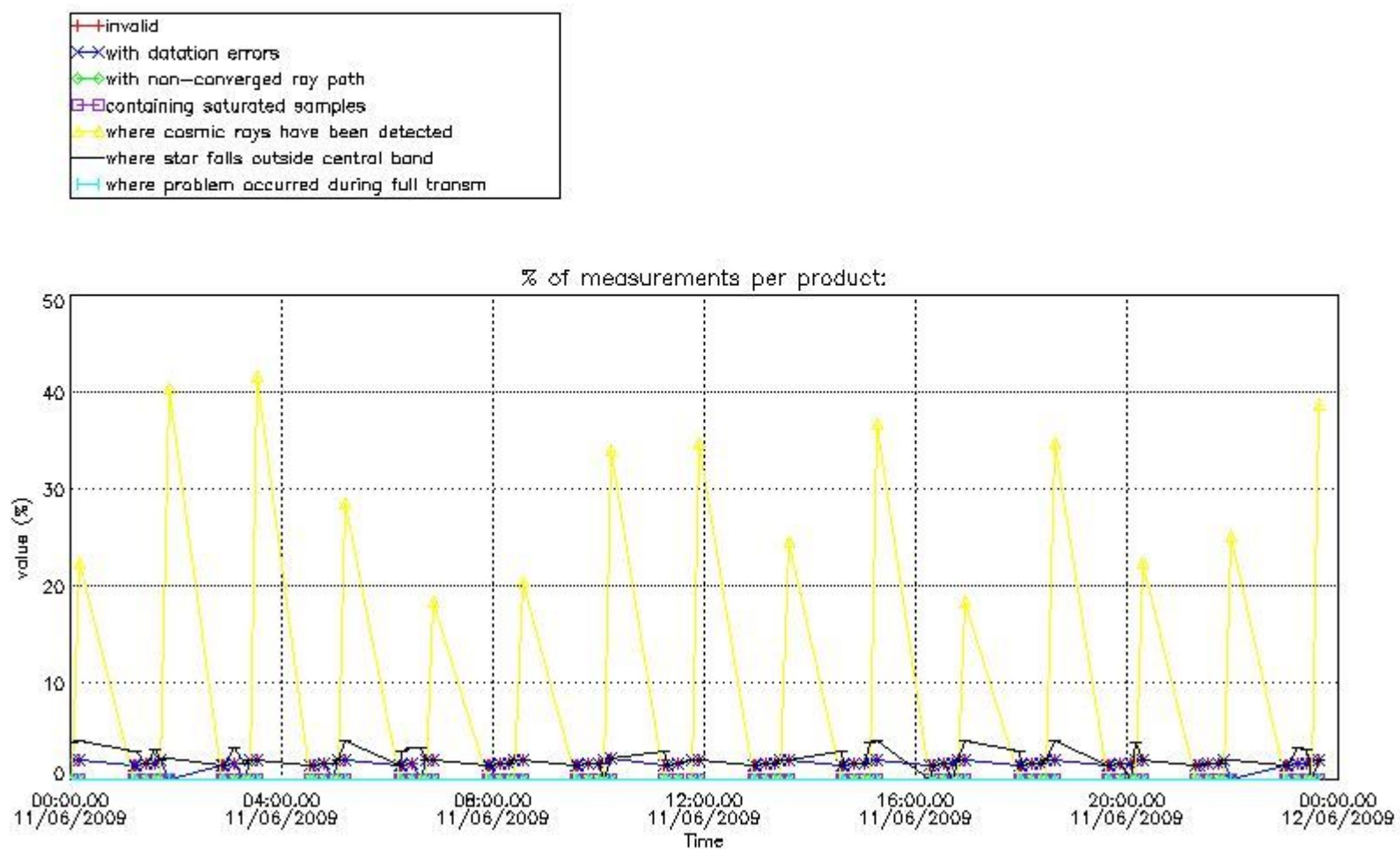
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



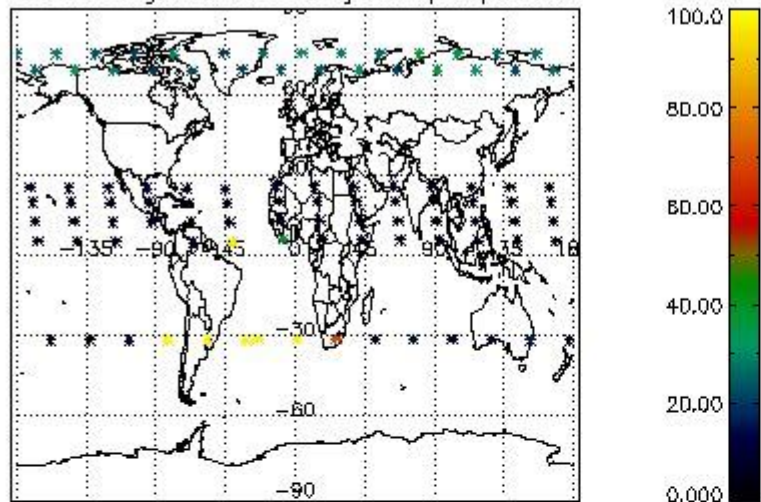
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



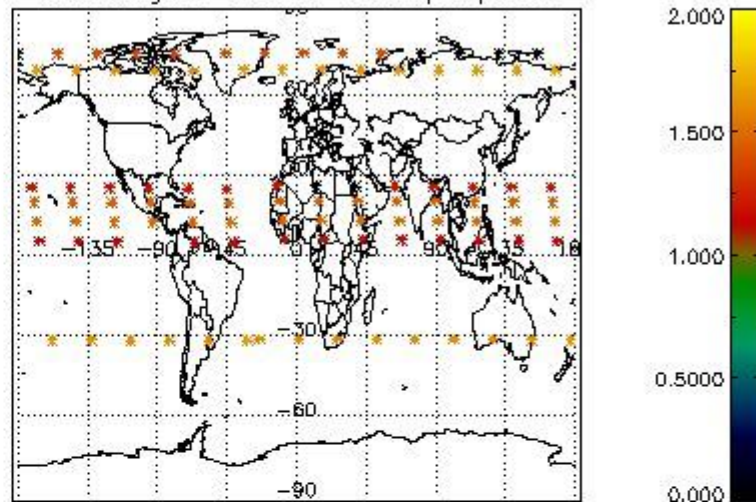
4.2 Plot quality information per product coming from level 1b processing (world map)

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

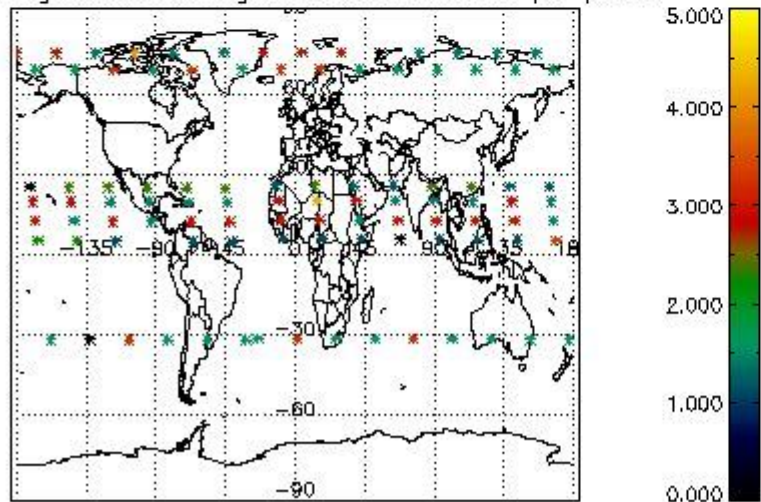
Percentage of cosmic ray hits per profile



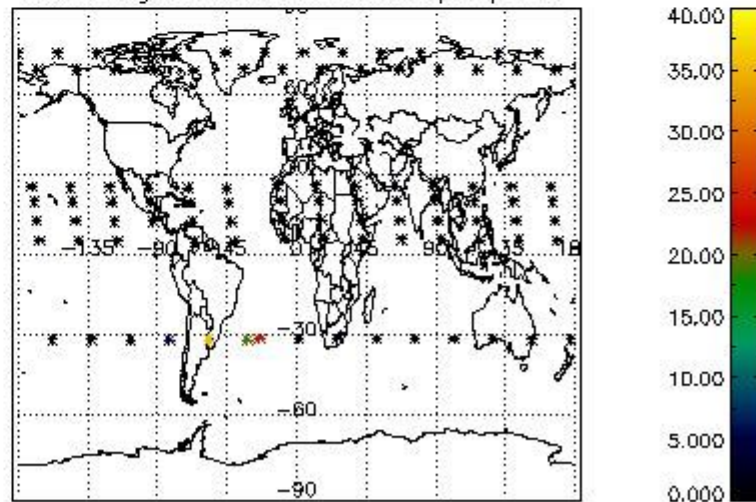
Percentage of datation errors per profile



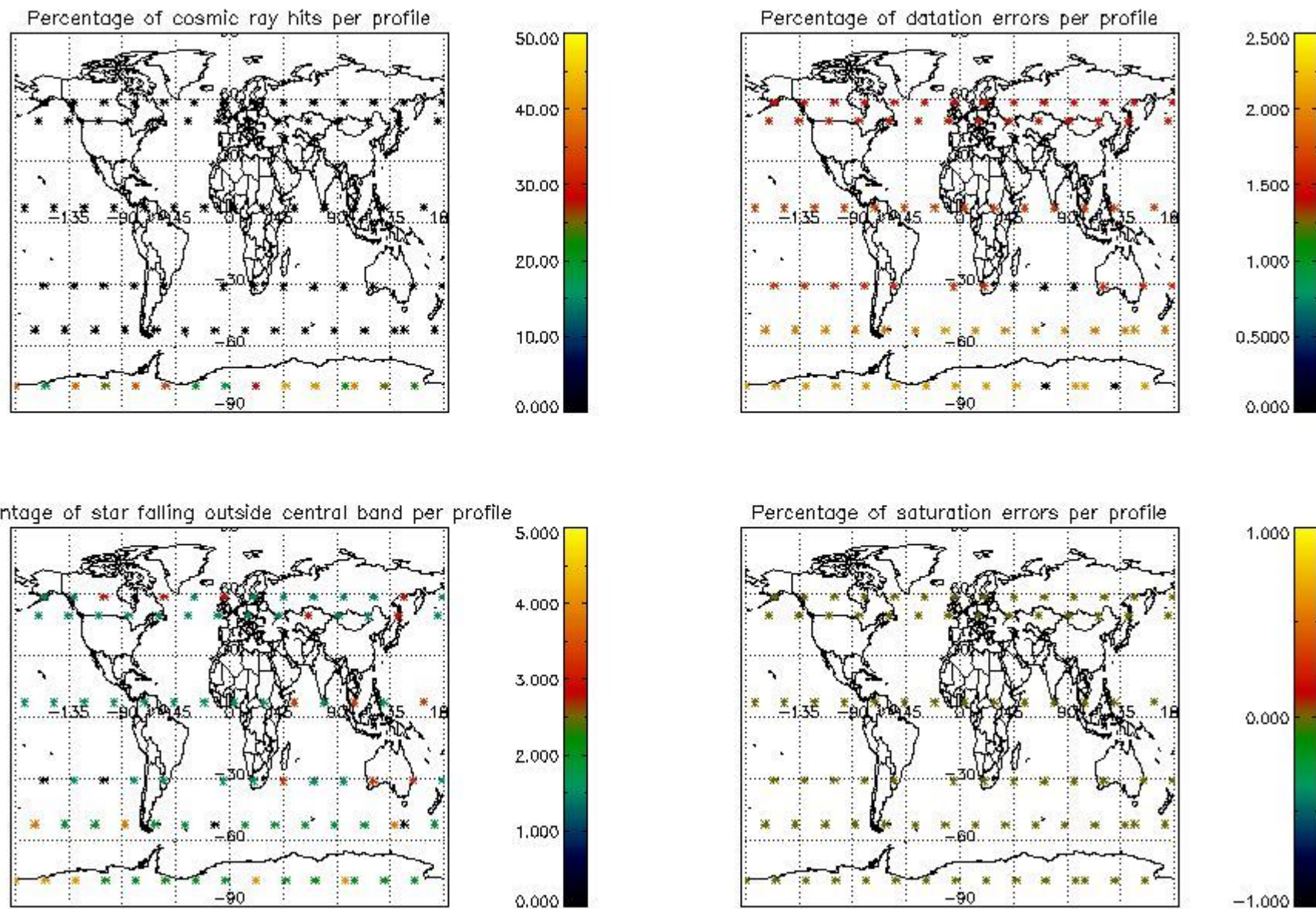
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

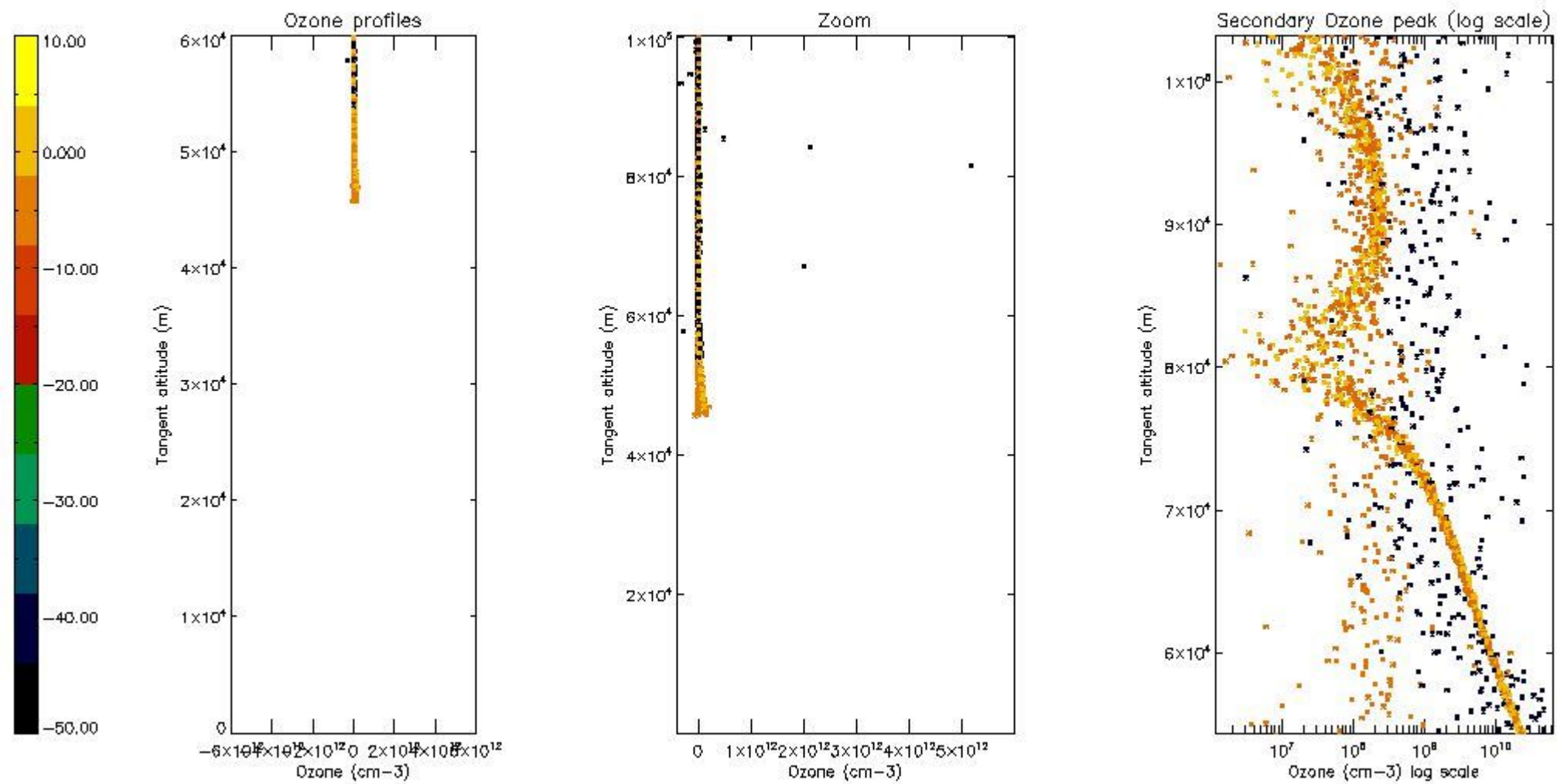
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	9

STD < 10	7
STD < 5	6

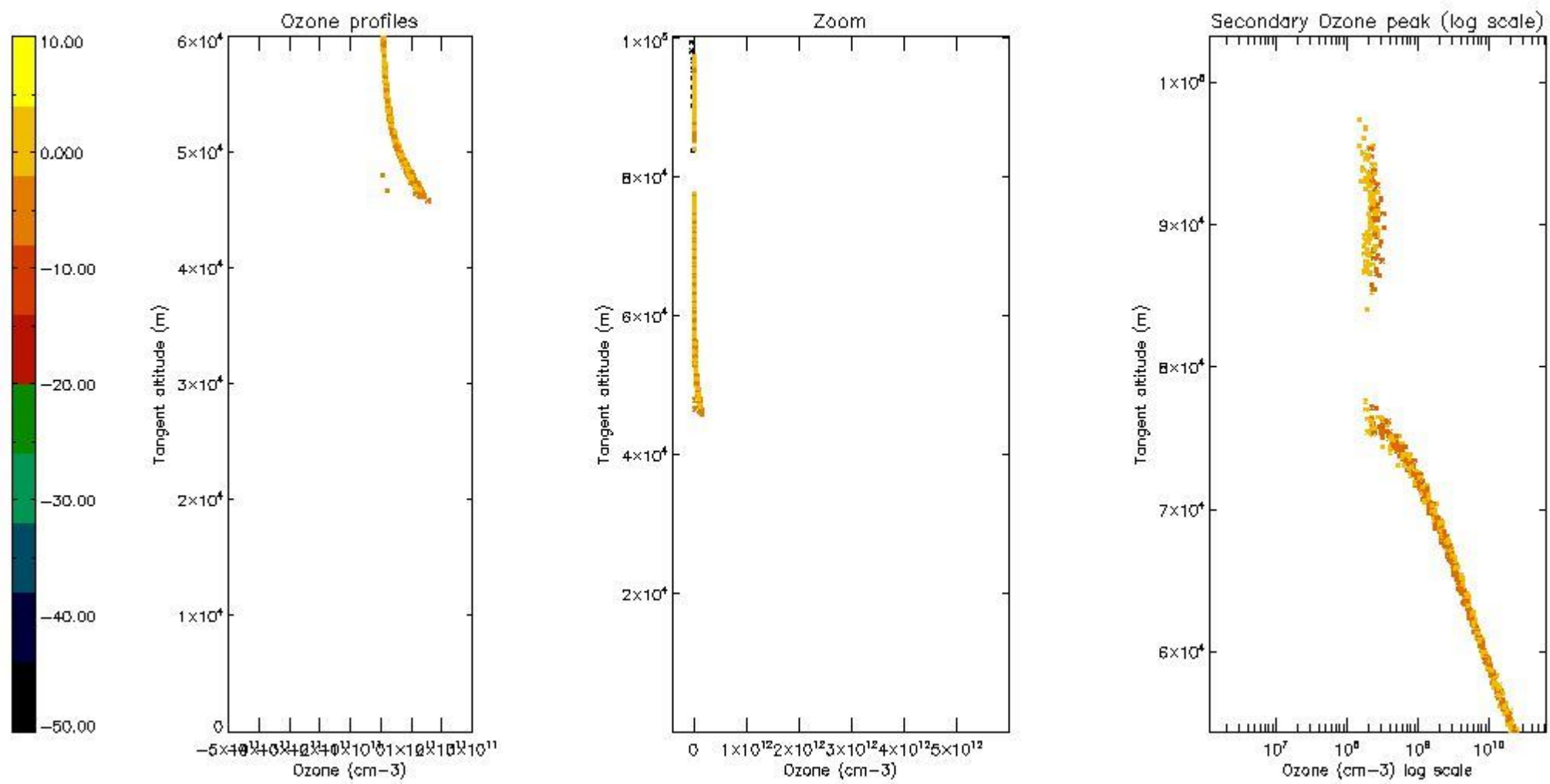
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



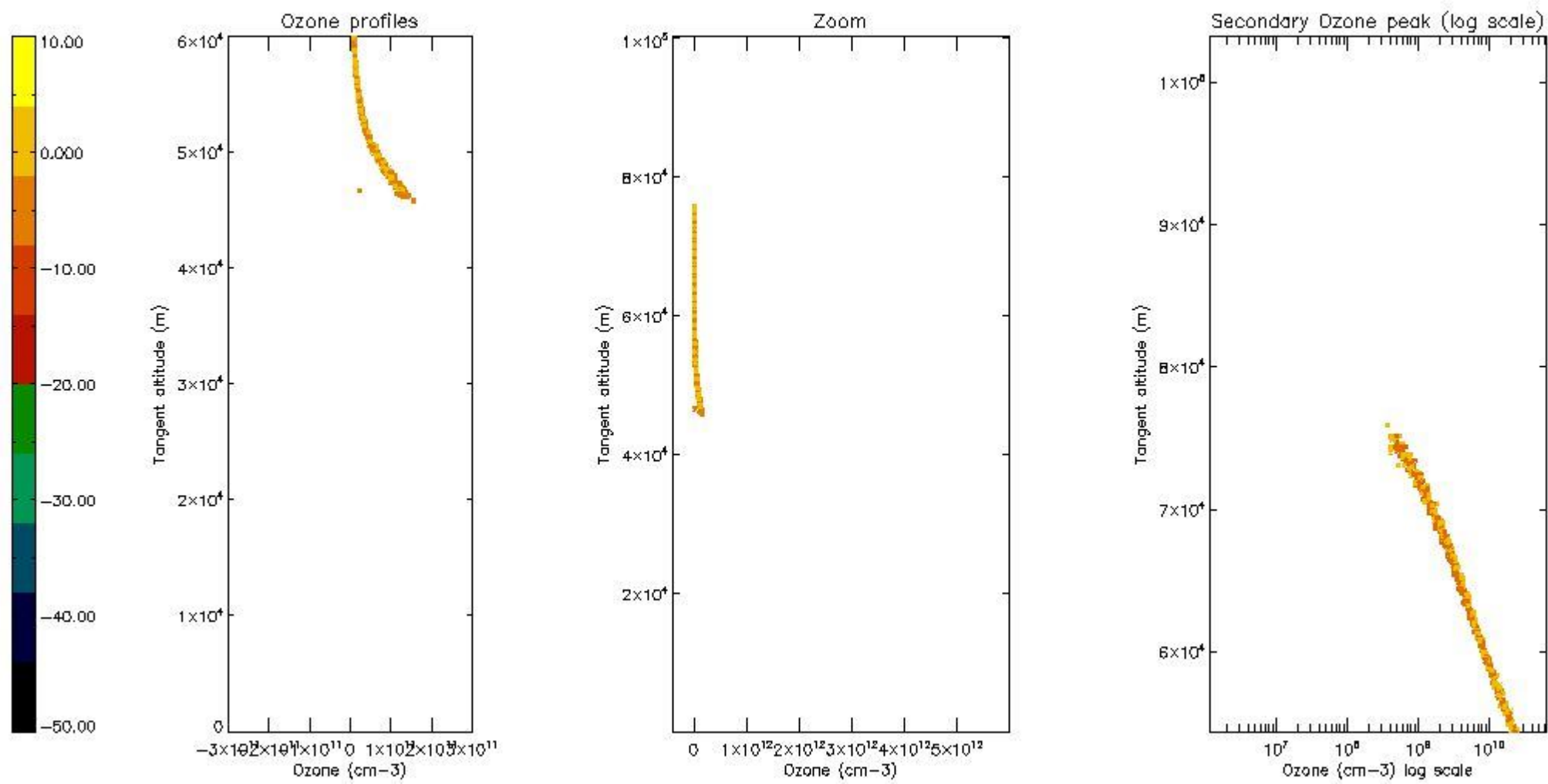
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



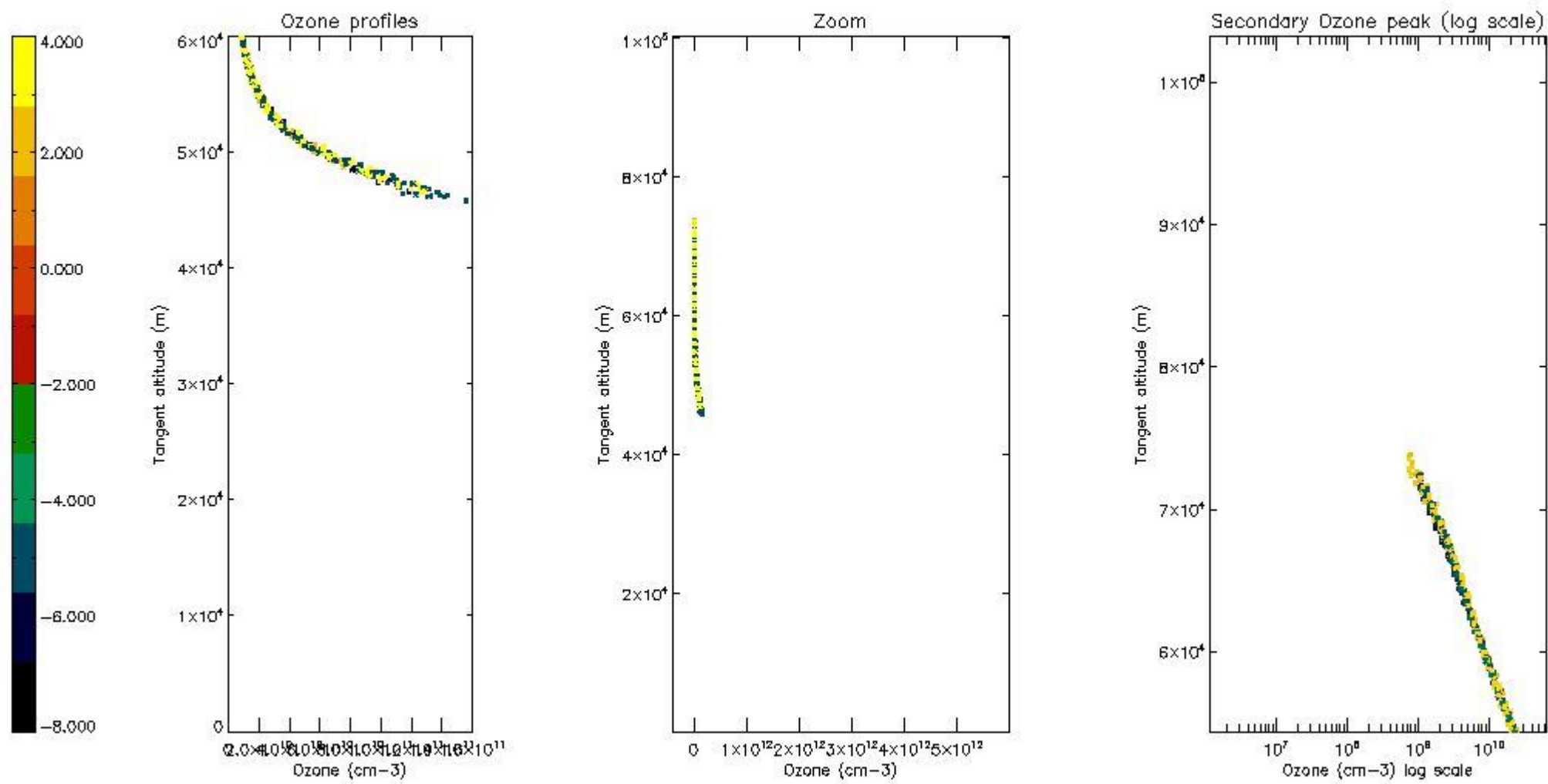
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



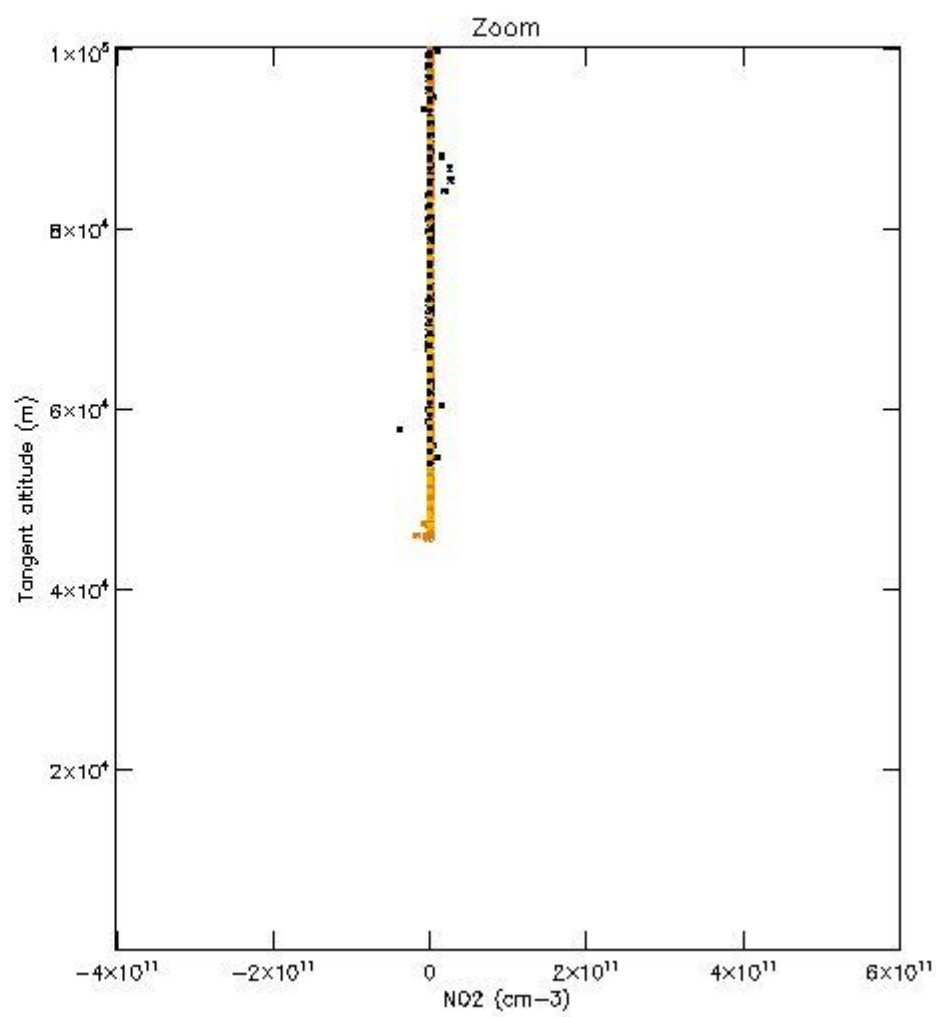
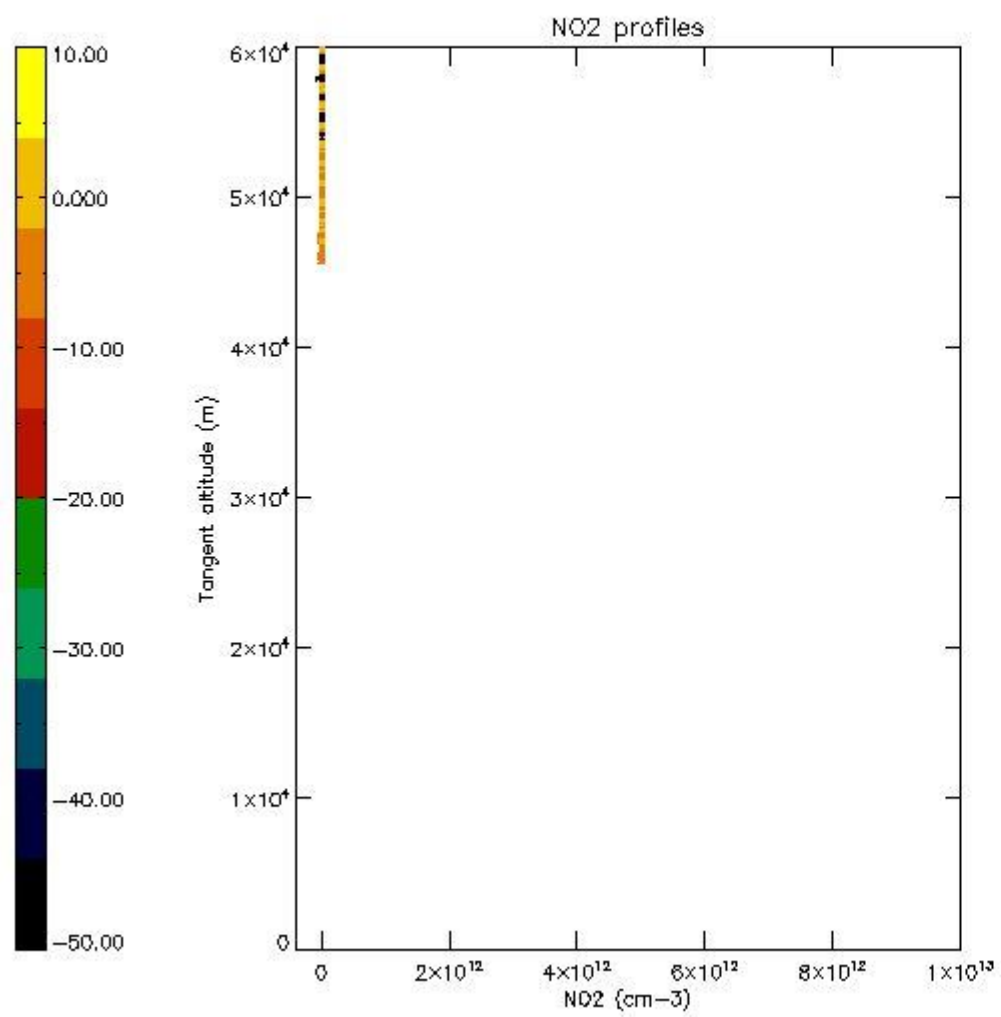
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



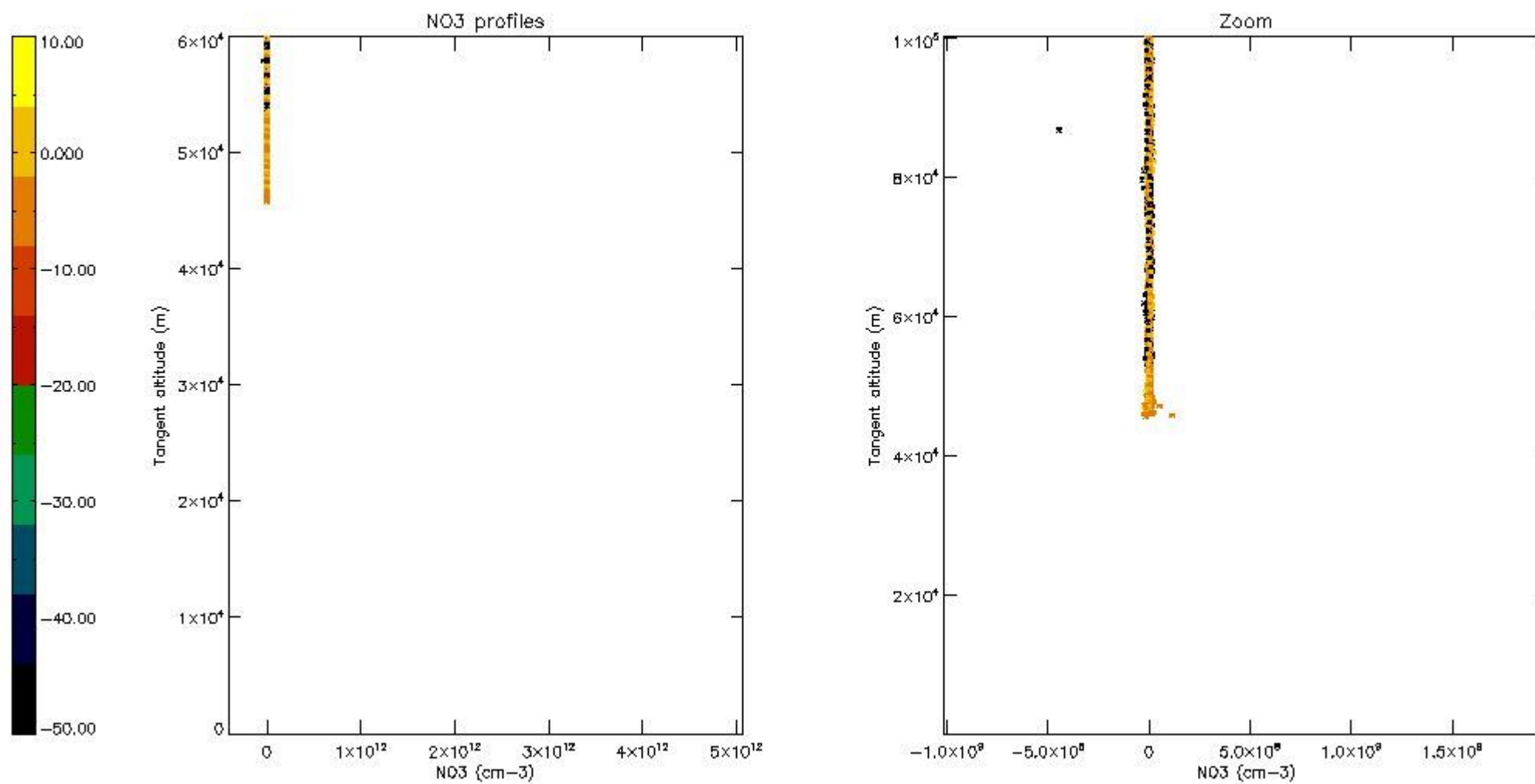
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	11-JUN-2009 00:01:58
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-JUN-2009 00:01:58
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-JUN-2009 00:01:58

GOMOS Level 2 Daily Report

SUMMARY

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

[3. Level 2 Quality information per product](#)

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

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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](#)

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

[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 10:05:52
Data source version	GOMOS/6.01
Start time of products	11-06-2009 (11JUN2009 00:00:00)
Stop time of products	12-06-2009 (12JUN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	183
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__2PRFIN20090611_000158_000000262079_00431_38060_2245.N1	11-JUN-2009 00:01:58	Twilight	26.000	74	11Bet Cas	2.2680	6600.0	52	38060	No
2	GOM_NL__2PRFIN20090611_001025_000000252079_00431_38060_2246.N1	11-JUN-2009 00:10:25	Twilight	24.500	53	43Bet And	2.0480	3300.0	49	38060	No
3	GOM_NL__2PRFIN20090611_002836_000000312079_00431_38060_2247.N1	11-JUN-2009 00:28:36	Dark	30.500	52	16Bet Cet	2.0370	4500.0	61	38060	No
4	GOM_NL__2PRFIN20090611_003855_000000452079_00432_38061_2250.N1	11-JUN-2009 00:38:55	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	38061	No
5	GOM_NL__2PRFIN20090611_004102_000000342079_00432_38061_2251.N1	11-JUN-2009 00:41:02	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38061	No
6	GOM_NL__2PRFIN20090611_004303_000000342079_00432_38061_2252.N1	11-JUN-2009 00:43:03	Dark	34.000	31	Alp Gru	1.7340	15200.0	68	38061	No
7	GOM_NL__2PRFIN20090611_004433_000000432079_00432_38061_2253.N1	11-JUN-2009 00:44:33	Straylight	42.500	172	Gam Gru	3.0030	13100.0	85	38061	No
8	GOM_NL__2PRFIN20090611_005712_000000312079_00432_38061_2254.N1	11-JUN-2009 00:57:12	Twilight	31.000	38	20Eps Sgr	1.8360	11000.0	62	38061	No
9	GOM_NL__2PRFIN20090611_005911_000000372079_00432_38061_2255.N1	11-JUN-2009 00:59:11	Twilight	36.500	57	34Sig Sgr	2.0660	26000.0	73	38061	No
10	GOM_NL__2PRFIN20090611_011122_000000342079_00432_38061_2256.N1	11-JUN-2009 01:11:22	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	38061	No
11	GOM_NL__2PRFIN20090611_011358_000000342079_00432_38061_2257.N1	11-JUN-2009 01:13:58	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38061	No
12	GOM_NL__2PRFIN20090611_012552_000000302079_00432_38061_2258.N1	11-JUN-2009 01:25:52	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38061	No
13	GOM_NL__2PRFIN20090611_013633_000000322079_00432_38061_2259.N1	11-JUN-2009 01:36:33	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	38061	No
14	GOM_NL__2PRFIN20090611_014234_000000262079_00432_38061_2260.N1	11-JUN-2009 01:42:34	Twilight	26.000	74	11Bet Cas	2.2680	6600.0	52	38061	No
15	GOM_NL__2PRFIN20090611_015101_000000242079_00432_38061_2261.N1	11-JUN-2009 01:51:01	Twilight	23.500	53	43Bet And	2.0480	3300.0	47	38061	No
16	GOM_NL__2PRFIN20090611_020913_000000312079_00432_38061_2262.N1	11-JUN-2009 02:09:13	Dark	31.000	52	16Bet Cet	2.0370	4500.0	62	38061	No
17	GOM_NL__2PRFIN20090611_021932_000000452079_00433_38062_2266.N1	11-JUN-2009 02:19:32	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	38062	No
18	GOM_NL__2PRFIN20090611_022138_000000342079_00433_38062_2267.N1	11-JUN-2009 02:21:38	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38062	No
19	GOM_NL__2PRFIN20090611_022340_000000352079_00433_38062_2268.N1	11-JUN-2009 02:23:40	Dark	34.500	31	Alp Gru	1.7340	15200.0	69	38062	No
20	GOM_NL__2PRFIN20090611_022510_000000432079_00433_38062_2269.N1	11-JUN-2009 02:25:10	Straylight	42.500	172	Gam Gru	3.0030	13100.0	85	38062	No
21	GOM_NL__2PRFIN20090611_023749_000000312079_00433_38062_2270.N1	11-JUN-2009 02:37:49	Twilight	30.500	38	20Eps Sgr	1.8360	11000.0	61	38062	No
22	GOM_NL__2PRFIN20090611_023948_000000372079_00433_38062_2271.N1	11-JUN-2009 02:39:48	Twilight	36.500	57	34Sig Sgr	2.0660	26000.0	73	38062	No
23	GOM_NL__2PRFIN20090611_025157_000000342079_00433_38062_2272.N1	11-JUN-2009 02:51:57	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	38062	No
24	GOM_NL__2PRFIN20090611_025434_000000332079_00433_38062_2273.N1	11-JUN-2009 02:54:34	Bright	33.000	59	55Alp Oph	2.0800	8900.0	66	38062	No
25	GOM_NL__2PRFIN20090611_030627_000000302079_00433_38062_2274.N1	11-JUN-2009 03:06:27	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38062	No
26	GOM_NL__2PRFIN20090611_031708_000000312079_00433_38062_2275.N1	11-JUN-2009 03:17:08	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38062	No
27	GOM_NL__2PRFIN20090611_032310_000000262079_00433_38062_2276.N1	11-JUN-2009 03:23:10	Twilight	25.500	74	11Bet Cas	2.2680	6600.0	51	38062	No
28	GOM_NL__2PRFIN20090611_033137_000000242079_00433_38062_2277.N1	11-JUN-2009 03:31:37	Twilight	24.000	53	43Bet And	2.0480	3300.0	48	38062	No
29	GOM_NL__2PRFIN20090611_034950_000000312079_00433_38062_2278.N1	11-JUN-2009 03:49:50	Dark	31.000	52	16Bet Cet	2.0370	4500.0	62	38062	No
30	GOM_NL__2PRFIN20090611_040215_000000342079_00434_38063_2280.N1	11-JUN-2009 04:02:15	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38063	No
31	GOM_NL__2PRFIN20090611_040417_000000342079_00434_38063_2281.N1	11-JUN-2009 04:04:17	Dark	34.000	31	Alp Gru	1.7340	15200.0	68	38063	No
32	GOM_NL__2PRFIN20090611_040548_000000432079_00434_38063_2282.N1	11-JUN-2009 04:05:48	Straylight	42.500	172	Gam Gru	3.0030	13100.0	85	38063	No
33	GOM_NL__2PRFIN20090611_041825_000000312079_00434_38063_2283.N1	11-JUN-2009 04:18:25	Twilight	31.000	38	20Eps Sgr	1.8360	11000.0	62	38063	No
34	GOM_NL__2PRFIN20090611_042024_000000372079_00434_38063_2284.N1	11-JUN-2009 04:20:24	Twilight	36.500	57	34Sig Sgr	2.0660	26000.0	73	38063	No
35	GOM_NL__2PRFIN20090611_043233_000000342079_00434_38063_2285.N1	11-JUN-2009 04:32:33	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	38063	No
36	GOM_NL__2PRFIN20090611_043509_000000342079_00434_38063_2286.N1	11-JUN-2009 04:35:09	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38063	No
37	GOM_NL__2PRFIN20090611_044703_000000302079_00434_38063_2287.N1	11-JUN-2009 04:47:03	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38063	No
38	GOM_NL__2PRFIN20090611_045744_000000312079_00434_38063_2288.N1	11-JUN-2009 04:57:44	Twilight	30.500	89	5Alp Cep	2.4510	8000.0	61	38063	No
39	GOM_NL__2PRFIN20090611_050345_000000262079_00434_38063_2289.N1	11-JUN-2009 05:03:45	Twilight	26.000	74	11Bet Cas	2.2680	6600.0	52	38063	No
40	GOM_NL__2PRFIN20090611_051213_000000252079_00434_38063_2290.N1	11-JUN-2009 05:12:13	Twilight	24.500	53	43Bet And	2.0480	3300.0	49	38063	No
41	GOM_NL__2PRFIN20090611_053027_000000322079_00434_38063_2291.N1	11-JUN-2009 05:30:27	Dark	31.500	52	16Bet Cet	2.0370	4500.0	63	38063	No
42	GOM_NL__2PRFIN20090611_054048_000000452079_00435_38064_2294.N1	11-JUN-2009 05:40:48	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	38064	No

43	GOM_NL__2PRFIN20090611_054252_000000342079_00435_38064_2295.N1	11-JUN-2009 05:42:52	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38064	No
44	GOM_NL__2PRFIN20090611_054454_000000352079_00435_38064_2296.N1	11-JUN-2009 05:44:54	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38064	No
45	GOM_NL__2PRFIN20090611_054625_000000432079_00435_38064_2297.N1	11-JUN-2009 05:46:25	Straylight	42.500	172	Gam Gru	3.0030	13100.	85	38064	No
46	GOM_NL__2PRFIN20090611_055902_000000312079_00435_38064_2298.N1	11-JUN-2009 05:59:02	Tw_i_and_stray	30.500	38	20Eps Sgr	1.8360	11000.	61	38064	No
47	GOM_NL__2PRFIN20090611_060101_000000372079_00435_38064_2299.N1	11-JUN-2009 06:01:01	Tw_i_and_stray	36.500	57	34Sig Sgr	2.0660	26000.	73	38064	No
48	GOM_NL__2PRFIN20090611_061309_000000342079_00435_38064_2300.N1	11-JUN-2009 06:13:09	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	38064	No
49	GOM_NL__2PRFIN20090611_061545_000000342079_00435_38064_2301.N1	11-JUN-2009 06:15:45	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	38064	No
50	GOM_NL__2PRFIN20090611_062738_000000312079_00435_38064_2302.N1	11-JUN-2009 06:27:38	Bright	30.500	130	23Bet Dra	2.7990	5800.0	61	38064	No
51	GOM_NL__2PRFIN20090611_063819_000000312079_00435_38064_2303.N1	11-JUN-2009 06:38:19	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38064	No
52	GOM_NL__2PRFIN20090611_064421_000000262079_00435_38064_2304.N1	11-JUN-2009 06:44:21	Tw_i_and_stray	26.000	74	11Bet Cas	2.2680	6600.0	52	38064	No
53	GOM_NL__2PRFIN20090611_065249_000000252079_00435_38064_2305.N1	11-JUN-2009 06:52:49	Tw_i_and_stray	24.500	53	43Bet And	2.0480	3300.0	49	38064	No
54	GOM_NL__2PRFIN20090611_071103_000000312079_00435_38064_2306.N1	11-JUN-2009 07:11:03	Dark	31.000	52	16Bet Cet	2.0370	4500.0	62	38064	No
55	GOM_NL__2PRFIN20090611_072125_000000452079_00436_38065_2308.N1	11-JUN-2009 07:21:25	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	38065	No
56	GOM_NL__2PRFIN20090611_072329_000000342079_00436_38065_2309.N1	11-JUN-2009 07:23:29	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38065	No
57	GOM_NL__2PRFIN20090611_072531_000000352079_00436_38065_2310.N1	11-JUN-2009 07:25:31	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38065	No
58	GOM_NL__2PRFIN20090611_072703_000000422079_00436_38065_2311.N1	11-JUN-2009 07:27:03	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38065	No
59	GOM_NL__2PRFIN20090611_073938_000000312079_00436_38065_2312.N1	11-JUN-2009 07:39:38	Tw_i_and_stray	30.500	38	20Eps Sgr	1.8360	11000.	61	38065	No
60	GOM_NL__2PRFIN20090611_074137_000000362079_00436_38065_2313.N1	11-JUN-2009 07:41:37	Tw_i_and_stray	36.000	57	34Sig Sgr	2.0660	26000.	72	38065	No
61	GOM_NL__2PRFIN20090611_075344_000000342079_00436_38065_2314.N1	11-JUN-2009 07:53:44	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	38065	No
62	GOM_NL__2PRFIN20090611_075620_000000342079_00436_38065_2315.N1	11-JUN-2009 07:56:20	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	38065	No
63	GOM_NL__2PRFIN20090611_080814_000000302079_00436_38065_2316.N1	11-JUN-2009 08:08:14	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38065	No
64	GOM_NL__2PRFIN20090611_081854_000000322079_00436_38065_2317.N1	11-JUN-2009 08:18:54	Tw_i_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	38065	No
65	GOM_NL__2PRFIN20090611_082457_000000262079_00436_38065_2318.N1	11-JUN-2009 08:24:57	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38065	No
66	GOM_NL__2PRFIN20090611_083325_000000252079_00436_38065_2319.N1	11-JUN-2009 08:33:25	Tw_i_and_stray	24.500	53	43Bet And	2.0480	3300.0	49	38065	No
67	GOM_NL__2PRFIN20090611_085140_000000312079_00436_38065_2320.N1	11-JUN-2009 08:51:40	Dark	31.000	52	16Bet Cet	2.0370	4500.0	62	38065	No
68	GOM_NL__2PRFIN20090611_090203_000000452079_00437_38066_2322.N1	11-JUN-2009 09:02:03	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	38066	No
69	GOM_NL__2PRFIN20090611_090406_000000342079_00437_38066_2323.N1	11-JUN-2009 09:04:06	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38066	No
70	GOM_NL__2PRFIN20090611_090608_000000352079_00437_38066_2324.N1	11-JUN-2009 09:06:08	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38066	No
71	GOM_NL__2PRFIN20090611_090740_000000422079_00437_38066_2325.N1	11-JUN-2009 09:07:40	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38066	No
72	GOM_NL__2PRFIN20090611_092014_000000302079_00437_38066_2326.N1	11-JUN-2009 09:20:14	Tw_i_and_stray	29.500	38	20Eps Sgr	1.8360	11000.	59	38066	No
73	GOM_NL__2PRFIN20090611_092213_000000352079_00437_38066_2327.N1	11-JUN-2009 09:22:13	Tw_i_and_stray	35.000	57	34Sig Sgr	2.0660	26000.	70	38066	No
74	GOM_NL__2PRFIN20090611_093420_000000332079_00437_38066_2328.N1	11-JUN-2009 09:34:20	Tw_i_and_stray	33.000	126	60Bet Oph	2.7700	4250.0	66	38066	No
75	GOM_NL__2PRFIN20090611_093656_000000332079_00437_38066_2329.N1	11-JUN-2009 09:36:56	Bright	33.000	59	55Alp Oph	2.0800	8900.0	66	38066	No
76	GOM_NL__2PRFIN20090611_094849_000000302079_00437_38066_2330.N1	11-JUN-2009 09:48:49	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38066	No
77	GOM_NL__2PRFIN20090611_095929_000000312079_00437_38066_2331.N1	11-JUN-2009 09:59:29	Tw_i_and_stray	30.500	89	5Alp Cep	2.4510	8000.0	61	38066	No
78	GOM_NL__2PRFIN20090611_100533_000000252079_00437_38066_2332.N1	11-JUN-2009 10:05:33	Tw_i_and_stray	24.500	74	11Bet Cas	2.2680	6600.0	49	38066	No
79	GOM_NL__2PRFIN20090611_101401_000000242079_00437_38066_2333.N1	11-JUN-2009 10:14:01	Tw_i_and_stray	23.500	53	43Bet And	2.0480	3300.0	47	38066	No
80	GOM_NL__2PRFIN20090611_103217_000000312079_00437_38066_2334.N1	11-JUN-2009 10:32:17	Dark	30.500	52	16Bet Cet	2.0370	4500.0	61	38066	No
81	GOM_NL__2PRFIN20090611_104240_000000452079_00438_38067_2356.N1	11-JUN-2009 10:42:40	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	38067	No
82	GOM_NL__2PRFIN20090611_104443_000000332079_00438_38067_2357.N1	11-JUN-2009 10:44:43	Dark	33.000	63	Bet Gru	2.1500	2800.0	66	38067	No
83	GOM_NL__2PRFIN20090611_104645_000000352079_00438_38067_2358.N1	11-JUN-2009 10:46:45	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38067	No
84	GOM_NL__2PRFIN20090611_104817_000000422079_00438_38067_2359.N1	11-JUN-2009 10:48:17	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38067	No
85	GOM_NL__2PRFIN20090611_110050_000000312079_00438_38067_2360.N1	11-JUN-2009 11:00:50	Tw_i_and_stray	30.500	38	20Eps Sgr	1.8360	11000.	61	38067	No
86	GOM_NL__2PRFIN20090611_110250_000000362079_00438_38067_2361.N1	11-JUN-2009 11:02:50	Tw_i_and_stray	35.500	57	34Sig Sgr	2.0660	26000.	71	38067	No
87	GOM_NL__2PRFIN20090611_111455_000000342079_00438_38067_2362.N1	11-JUN-2009 11:14:55	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	38067	No
88	GOM_NL__2PRFIN20090611_111732_000000342079_00438_38067_2363.N1	11-JUN-2009 11:17:32	Bright	33.500	59	55Alp Oph	2.0800	8900.0	67	38067	No
89	GOM_NL__2PRFIN20090611_112925_000000302079_00438_38067_2364.N1	11-JUN-2009 11:29:25	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38067	No
90	GOM_NL__2PRFIN20090611_114608_000000262079_00438_38067_2365.N1	11-JUN-2009 11:46:08	Tw_i_and_stray	26.000	74	11Bet Cas	2.2680	6600.0	52	38067	No
91	GOM_NL__2PRFIN20090611_115437_000000252079_00438_38067_2366.N1	11-JUN-2009 11:54:37	Tw_i_and_stray	24.500	53	43Bet And	2.0480	3300.0	49	38067	No
92	GOM_NL__2PRFIN20090611_121254_000000312079_00438_38067_2367.N1	11-JUN-2009 12:12:54	Dark	31.000	52	16Bet Cet	2.0370	4500.0	62	38067	No
93	GOM_NL__2PRFIN20090611_122318_000000442079_00439_38068_2366.N1	11-JUN-2009 12:23:18	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	38068	No
94	GOM_NL__2PRFIN20090611_122520_000000342079_00439_38068_2367.N1	11-JUN-2009 12:25:20	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38068	No
95	GOM_NL__2PRFIN20090611_122722_000000352079_00439_38068_2368.N1	11-JUN-2009 12:27:22	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38068	No
96	GOM_NL__2PRFIN20090611_122854_000000422079_00439_38068_2369.N1	11-JUN-2009 12:28:54	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38068	No
97	GOM_NL__2PRFIN20090611_124127_000000312079_00439_38068_2370.N1	11-JUN-2009 12:41:27	Tw_i_and_stray	30.500	38	20Eps Sgr	1.8360	11000.	61	38068	No
98	GOM_NL__2PRFIN20090611_124326_000000362079_00439_38068_2371.N1	11-JUN-2009 12:43:26	Tw_i_and_stray	35.500	57	34Sig Sgr	2.0660	26000.	71	38068	No
99	GOM_NL__2PRFIN20090611_125531_000000342079_00439_38068_2372.N1	11-JUN-2009 12:55:31	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	38068	No
100	GOM_NL__2PRFIN20090611_125807_000000332079_00439_38068_2373.N1	11-JUN-2009 12:58:07	Bright	33.000	59	55Alp Oph	2.0800	8900.0	66	38068	No
101	GOM_NL__2PRFIN20090611_131000_000000302079_00439_38068_2374.N1	11-JUN-2009 13:10:00	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38068	No

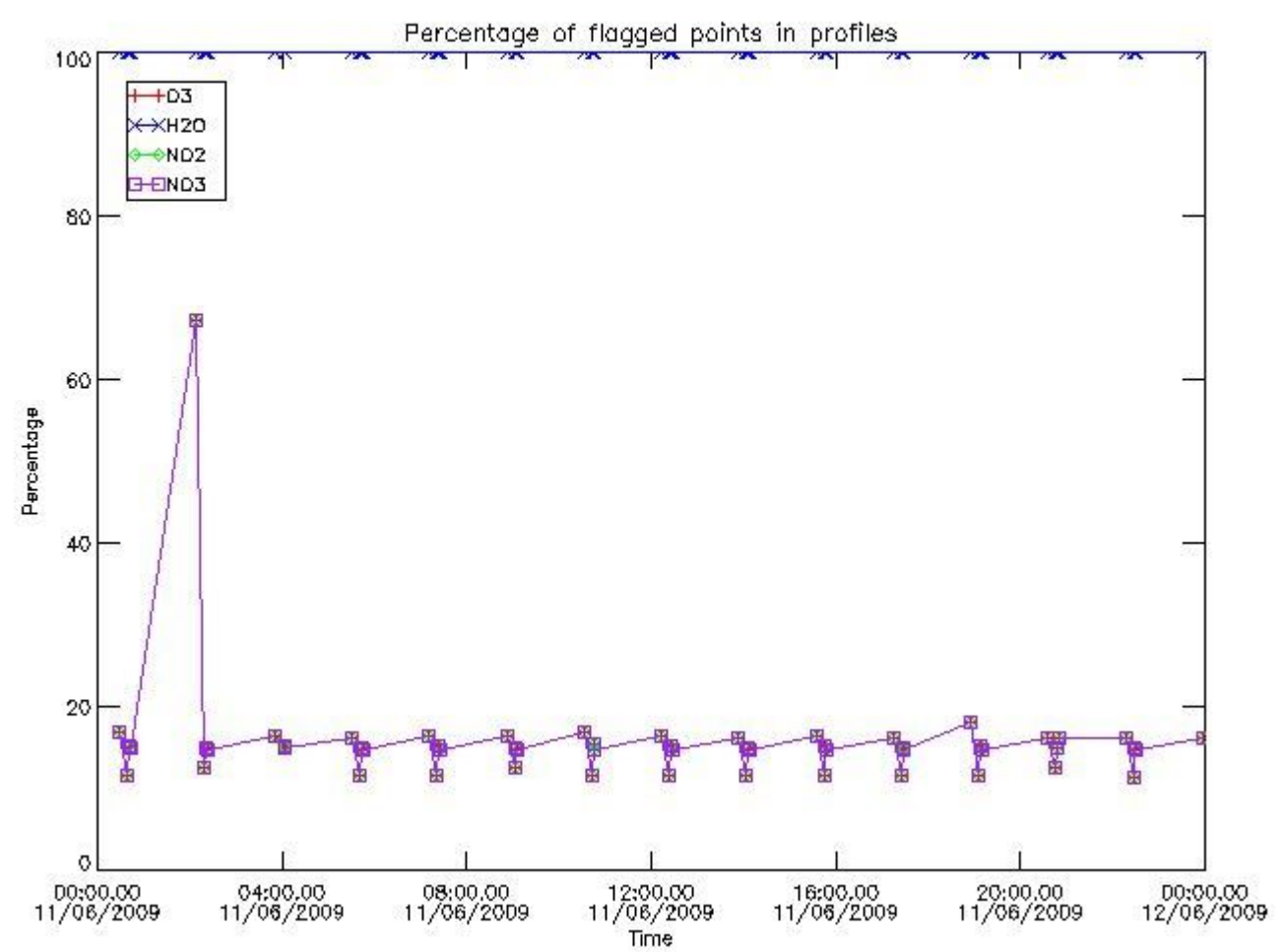
102	GOM_NL__2PRFIN20090611_132040_000000322079_00439_38068_2375.N1	11-JUN-2009 13:20:40	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	38068	No
103	GOM_NL__2PRFIN20090611_132644_000000262079_00439_38068_2376.N1	11-JUN-2009 13:26:44	Twilight	26.000	74	11Bet Cas	2.2680	6600.0	52	38068	No
104	GOM_NL__2PRFIN20090611_133513_000000252079_00439_38068_2377.N1	11-JUN-2009 13:35:13	Twilight	24.500	53	43Bet And	2.0480	3300.0	49	38068	No
105	GOM_NL__2PRFIN20090611_135331_000000322079_00439_38068_2378.N1	11-JUN-2009 13:53:31	Dark	31.500	52	16Bet Cet	2.0370	4500.0	63	38068	No
106	GOM_NL__2PRFIN20090611_140355_000000452079_00440_38069_2384.N1	11-JUN-2009 14:03:55	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	38069	No
107	GOM_NL__2PRFIN20090611_140557_000000342079_00440_38069_2385.N1	11-JUN-2009 14:05:57	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38069	No
108	GOM_NL__2PRFIN20090611_140758_000000352079_00440_38069_2386.N1	11-JUN-2009 14:07:58	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38069	No
109	GOM_NL__2PRFIN20090611_140932_000000422079_00440_38069_2387.N1	11-JUN-2009 14:09:32	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38069	No
110	GOM_NL__2PRFIN20090611_142203_000000312079_00440_38069_2388.N1	11-JUN-2009 14:22:03	Twilight	30.500	38	20Eps Sgr	1.8360	11000.	61	38069	No
111	GOM_NL__2PRFIN20090611_142402_000000362079_00440_38069_2389.N1	11-JUN-2009 14:24:02	Twilight	35.500	57	34Sig Sgr	2.0660	26000.	71	38069	No
112	GOM_NL__2PRFIN20090611_143606_000000342079_00440_38069_2390.N1	11-JUN-2009 14:36:06	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	38069	No
113	GOM_NL__2PRFIN20090611_143843_000000332079_00440_38069_2391.N1	11-JUN-2009 14:38:43	Bright	33.000	59	55Alp Oph	2.0800	8900.0	66	38069	No
114	GOM_NL__2PRFIN20090611_145036_000000302079_00440_38069_2392.N1	11-JUN-2009 14:50:36	Bright	29.500	130	23Bet Dra	2.7990	5800.0	59	38069	No
115	GOM_NL__2PRFIN20090611_150116_000000312079_00440_38069_2393.N1	11-JUN-2009 15:01:16	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38069	No
116	GOM_NL__2PRFIN20090611_150719_000000262079_00440_38069_2394.N1	11-JUN-2009 15:07:19	Twilight	26.000	74	11Bet Cas	2.2680	6600.0	52	38069	No
117	GOM_NL__2PRFIN20090611_151549_000000252079_00440_38069_2395.N1	11-JUN-2009 15:15:49	Twilight	24.500	53	43Bet And	2.0480	3300.0	49	38069	No
118	GOM_NL__2PRFIN20090611_153408_000000312079_00440_38069_2396.N1	11-JUN-2009 15:34:08	Dark	31.000	52	16Bet Cet	2.0370	4500.0	62	38069	No
119	GOM_NL__2PRFIN20090611_154433_000000452079_00441_38070_2398.N1	11-JUN-2009 15:44:33	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	38070	No
120	GOM_NL__2PRFIN20090611_154634_000000342079_00441_38070_2399.N1	11-JUN-2009 15:46:34	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38070	No
121	GOM_NL__2PRFIN20090611_154835_000000352079_00441_38070_2400.N1	11-JUN-2009 15:48:35	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38070	No
122	GOM_NL__2PRFIN20090611_155009_000000422079_00441_38070_2401.N1	11-JUN-2009 15:50:09	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38070	No
123	GOM_NL__2PRFIN20090611_160240_000000312079_00441_38070_2402.N1	11-JUN-2009 16:02:40	Twilight	30.500	38	20Eps Sgr	1.8360	11000.	61	38070	No
124	GOM_NL__2PRFIN20090611_160439_000000362079_00441_38070_2403.N1	11-JUN-2009 16:04:39	Twilight	36.000	57	34Sig Sgr	2.0660	26000.	72	38070	No
125	GOM_NL__2PRFIN20090611_161642_000000342079_00441_38070_2404.N1	11-JUN-2009 16:16:42	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	38070	No
126	GOM_NL__2PRFIN20090611_161918_000000332079_00441_38070_2405.N1	11-JUN-2009 16:19:18	Bright	33.000	59	55Alp Oph	2.0800	8900.0	66	38070	No
127	GOM_NL__2PRFIN20090611_163111_000000302079_00441_38070_2406.N1	11-JUN-2009 16:31:11	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38070	No
128	GOM_NL__2PRFIN20090611_164150_000000312079_00441_38070_2407.N1	11-JUN-2009 16:41:50	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38070	No
129	GOM_NL__2PRFIN20090611_164755_000000262079_00441_38070_2408.N1	11-JUN-2009 16:47:55	Twilight	25.500	74	11Bet Cas	2.2680	6600.0	51	38070	No
130	GOM_NL__2PRFIN20090611_165625_000000252079_00441_38070_2409.N1	11-JUN-2009 16:56:25	Twilight	24.500	53	43Bet And	2.0480	3300.0	49	38070	No
131	GOM_NL__2PRFIN20090611_171445_000000322079_00441_38070_2410.N1	11-JUN-2009 17:14:45	Dark	31.500	52	16Bet Cet	2.0370	4500.0	63	38070	No
132	GOM_NL__2PRFIN20090611_172510_000000452079_00442_38071_2414.N1	11-JUN-2009 17:25:10	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	38071	No
133	GOM_NL__2PRFIN20090611_172711_000000342079_00442_38071_2415.N1	11-JUN-2009 17:27:11	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38071	No
134	GOM_NL__2PRFIN20090611_172912_000000352079_00442_38071_2416.N1	11-JUN-2009 17:29:12	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38071	No
135	GOM_NL__2PRFIN20090611_173046_000000432079_00442_38071_2417.N1	11-JUN-2009 17:30:46	Straylight	42.500	172	Gam Gru	3.0030	13100.	85	38071	No
136	GOM_NL__2PRFIN20090611_174316_000000312079_00442_38071_2418.N1	11-JUN-2009 17:43:16	Twilight	30.500	38	20Eps Sgr	1.8360	11000.	61	38071	No
137	GOM_NL__2PRFIN20090611_174515_000000372079_00442_38071_2419.N1	11-JUN-2009 17:45:15	Twilight	36.500	57	34Sig Sgr	2.0660	26000.	73	38071	No
138	GOM_NL__2PRFIN20090611_175718_000000342079_00442_38071_2420.N1	11-JUN-2009 17:57:18	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	38071	No
139	GOM_NL__2PRFIN20090611_175954_000000332079_00442_38071_2421.N1	11-JUN-2009 17:59:54	Bright	33.000	59	55Alp Oph	2.0800	8900.0	66	38071	No
140	GOM_NL__2PRFIN20090611_181146_000000302079_00442_38071_2422.N1	11-JUN-2009 18:11:46	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38071	No
141	GOM_NL__2PRFIN20090611_182226_000000312079_00442_38071_2423.N1	11-JUN-2009 18:22:26	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38071	No
142	GOM_NL__2PRFIN20090611_182831_000000262079_00442_38071_2424.N1	11-JUN-2009 18:28:31	Twilight	26.000	74	11Bet Cas	2.2680	6600.0	52	38071	No
143	GOM_NL__2PRFIN20090611_183701_000000252079_00442_38071_2425.N1	11-JUN-2009 18:37:01	Twilight	24.500	53	43Bet And	2.0480	3300.0	49	38071	No
144	GOM_NL__2PRFIN20090611_185522_000000312079_00442_38071_2426.N1	11-JUN-2009 18:55:22	Dark	31.000	52	16Bet Cet	2.0370	4500.0	62	38071	No
145	GOM_NL__2PRFIN20090611_190548_000000452079_00443_38072_2431.N1	11-JUN-2009 19:05:48	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	38072	No
146	GOM_NL__2PRFIN20090611_190748_000000342079_00443_38072_2432.N1	11-JUN-2009 19:07:48	Dark	33.500	63	Bet Gru	2.1500	2800.0	67	38072	No
147	GOM_NL__2PRFIN20090611_190950_000000352079_00443_38072_2433.N1	11-JUN-2009 19:09:50	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38072	No
148	GOM_NL__2PRFIN20090611_191124_000000422079_00443_38072_2434.N1	11-JUN-2009 19:11:24	Straylight	41.500	172	Gam Gru	3.0030	13100.	83	38072	No
149	GOM_NL__2PRFIN20090611_192352_000000312079_00443_38072_2435.N1	11-JUN-2009 19:23:52	Twilight	30.500	38	20Eps Sgr	1.8360	11000.	61	38072	No
150	GOM_NL__2PRFIN20090611_192552_000000372079_00443_38072_2436.N1	11-JUN-2009 19:25:52	Twilight	36.500	57	34Sig Sgr	2.0660	26000.	73	38072	No
151	GOM_NL__2PRFIN20090611_193753_000000342079_00443_38072_2437.N1	11-JUN-2009 19:37:53	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	38072	No
152	GOM_NL__2PRFIN20090611_194029_000000332079_00443_38072_2438.N1	11-JUN-2009 19:40:29	Bright	33.000	59	55Alp Oph	2.0800	8900.0	66	38072	No
153	GOM_NL__2PRFIN20090611_195222_000000302079_00443_38072_2439.N1	11-JUN-2009 19:52:22	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38072	No
154	GOM_NL__2PRFIN20090611_200301_000000312079_00443_38072_2440.N1	11-JUN-2009 20:03:01	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38072	No
155	GOM_NL__2PRFIN20090611_200906_000000262079_00443_38072_2441.N1	11-JUN-2009 20:09:06	Twilight	26.000	74	11Bet Cas	2.2680	6600.0	52	38072	No
156	GOM_NL__2PRFIN20090611_201738_000000252079_00443_38072_2442.N1	11-JUN-2009 20:17:38	Twilight	24.500	53	43Bet And	2.0480	3300.0	49	38072	No
157	GOM_NL__2PRFIN20090611_203558_000000322079_00443_38072_2443.N1	11-JUN-2009 20:35:58	Dark	31.500	52	16Bet Cet	2.0370	4500.0	63	38072	No
158	GOM_NL__2PRFIN20090611_204625_000000452079_00444_38073_2448.N1	11-JUN-2009 20:46:25	Dark	45.000	18	24Alp PsA	1.1660	9700.0	90	38073	No
159	GOM_NL__2PRFIN20090611_204824_000000342079_00444_38073_2449.N1	11-JUN-2009 20:48:24	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38073	No
160	GOM_NL__2PRFIN20090611_205027_000000352079_00444_38073_2450.N1	11-JUN-2009 20:50:27	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38073	No

161	GOM_NL__2PRFIN20090611_205201_000000432079_00444_38073_2451.N1	11-JUN-2009 20:52:01	Straylight	42.500	172	Gam Gru	3.0030	13100.	85	38073	No
162	GOM_NL__2PRFIN20090611_210429_000000312079_00444_38073_2452.N1	11-JUN-2009 21:04:29	Twilight_stray	30.500	38	20Eps Sgr	1.8360	11000.	61	38073	No
163	GOM_NL__2PRFIN20090611_210628_000000362079_00444_38073_2453.N1	11-JUN-2009 21:06:28	Twilight_stray	36.000	57	34Sig Sgr	2.0660	26000.	72	38073	No
164	GOM_NL__2PRFIN20090611_211829_000000342079_00444_38073_2454.N1	11-JUN-2009 21:18:29	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	38073	No
165	GOM_NL__2PRFIN20090611_212105_000000332079_00444_38073_2455.N1	11-JUN-2009 21:21:05	Bright	33.000	59	55Alp Oph	2.0800	8900.0	66	38073	No
166	GOM_NL__2PRFIN20090611_213258_000000302079_00444_38073_2456.N1	11-JUN-2009 21:32:58	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38073	No
167	GOM_NL__2PRFIN20090611_214337_000000312079_00444_38073_2457.N1	11-JUN-2009 21:43:37	Twilight_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38073	No
168	GOM_NL__2PRFIN20090611_214942_000000262079_00444_38073_2458.N1	11-JUN-2009 21:49:42	Twilight_stray	26.000	74	11Bet Cas	2.2680	6600.0	52	38073	No
169	GOM_NL__2PRFIN20090611_215813_000000242079_00444_38073_2459.N1	11-JUN-2009 21:58:13	Twilight_stray	24.000	53	43Bet And	2.0480	3300.0	48	38073	No
170	GOM_NL__2PRFIN20090611_221635_000000322079_00444_38073_2460.N1	11-JUN-2009 22:16:35	Dark	31.500	52	16Bet Cet	2.0370	4500.0	63	38073	No
171	GOM_NL__2PRFIN20090611_222703_000000452079_00445_38074_2465.N1	11-JUN-2009 22:27:03	Dark	45.000	18	24Alp PsA	1.1660	9700.0	90	38074	No
172	GOM_NL__2PRFIN20090611_222901_000000342079_00445_38074_2466.N1	11-JUN-2009 22:29:01	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38074	No
173	GOM_NL__2PRFIN20090611_223103_000000352079_00445_38074_2467.N1	11-JUN-2009 22:31:03	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38074	No
174	GOM_NL__2PRFIN20090611_223238_000000422079_00445_38074_2468.N1	11-JUN-2009 22:32:38	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38074	No
175	GOM_NL__2PRFIN20090611_224505_000000312079_00445_38074_2469.N1	11-JUN-2009 22:45:05	Twilight_stray	30.500	38	20Eps Sgr	1.8360	11000.	61	38074	No
176	GOM_NL__2PRFIN20090611_224704_000000362079_00445_38074_2470.N1	11-JUN-2009 22:47:04	Twilight_stray	36.000	57	34Sig Sgr	2.0660	26000.	72	38074	No
177	GOM_NL__2PRFIN20090611_225904_000000342079_00445_38074_2471.N1	11-JUN-2009 22:59:04	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	38074	No
178	GOM_NL__2PRFIN20090611_230140_000000332079_00445_38074_2472.N1	11-JUN-2009 23:01:40	Bright	33.000	59	55Alp Oph	2.0800	8900.0	66	38074	No
179	GOM_NL__2PRFIN20090611_231333_000000302079_00445_38074_2473.N1	11-JUN-2009 23:13:33	Bright	30.000	130	23Bet Dra	2.7990	5800.0	60	38074	No
180	GOM_NL__2PRFIN20090611_232412_000000322079_00445_38074_2474.N1	11-JUN-2009 23:24:12	Twilight_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	38074	No
181	GOM_NL__2PRFIN20090611_233018_000000262079_00445_38074_2475.N1	11-JUN-2009 23:30:18	Twilight_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38074	No
182	GOM_NL__2PRFIN20090611_233849_000000252079_00445_38074_2476.N1	11-JUN-2009 23:38:49	Twilight_stray	24.500	53	43Bet And	2.0480	3300.0	49	38074	No
183	GOM_NL__2PRFIN20090611_235712_000000322079_00445_38074_2477.N1	11-JUN-2009 23:57:12	Dark	31.500	52	16Bet Cet	2.0370	4500.0	63	38074	No

3. Quality information per product

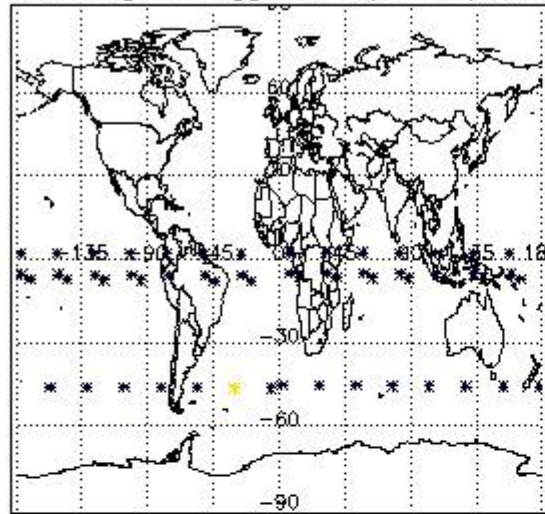
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

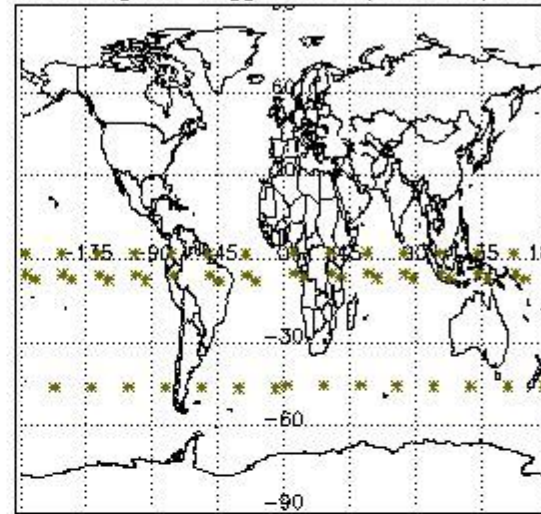


3.2 Plot quality information per product (world map)

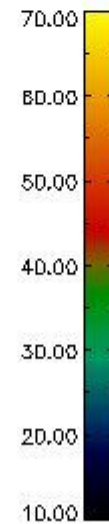
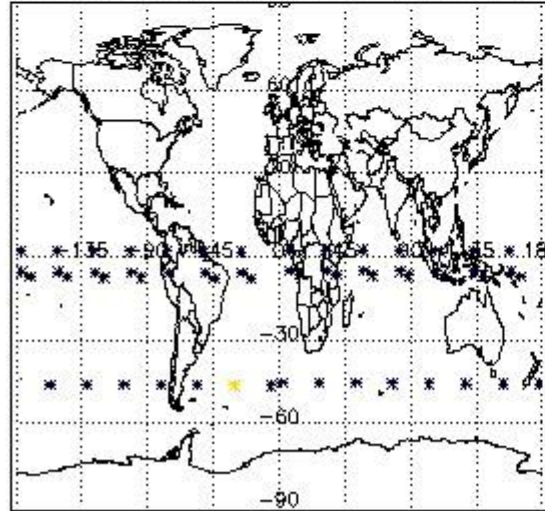
Percentage of flagged data per O3 profile



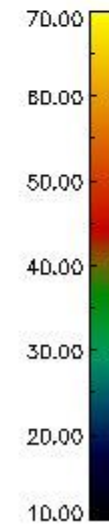
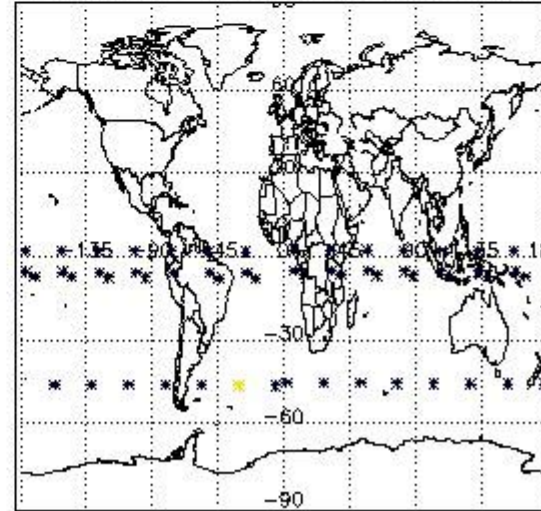
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

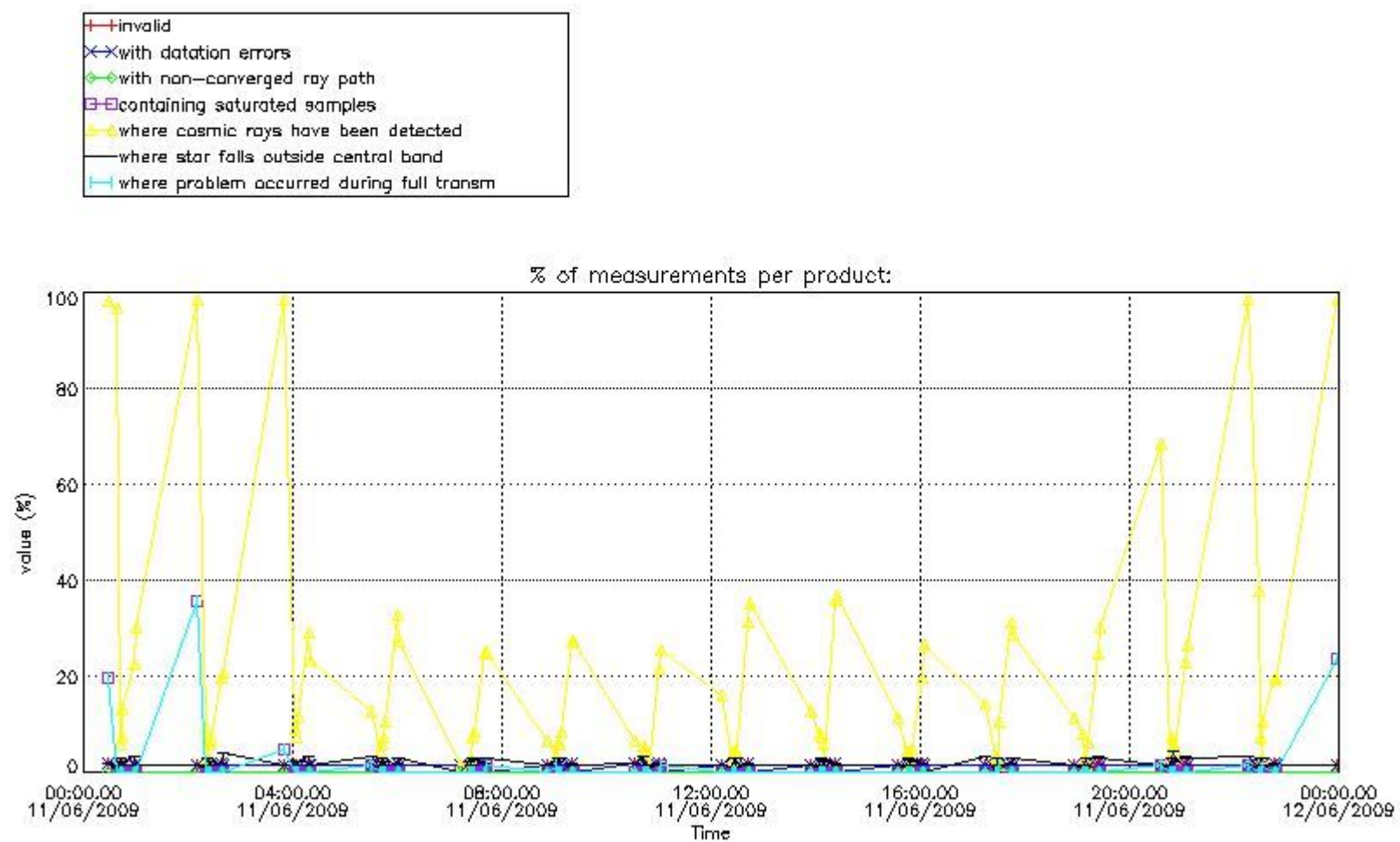


4. Level 1 quality information per product

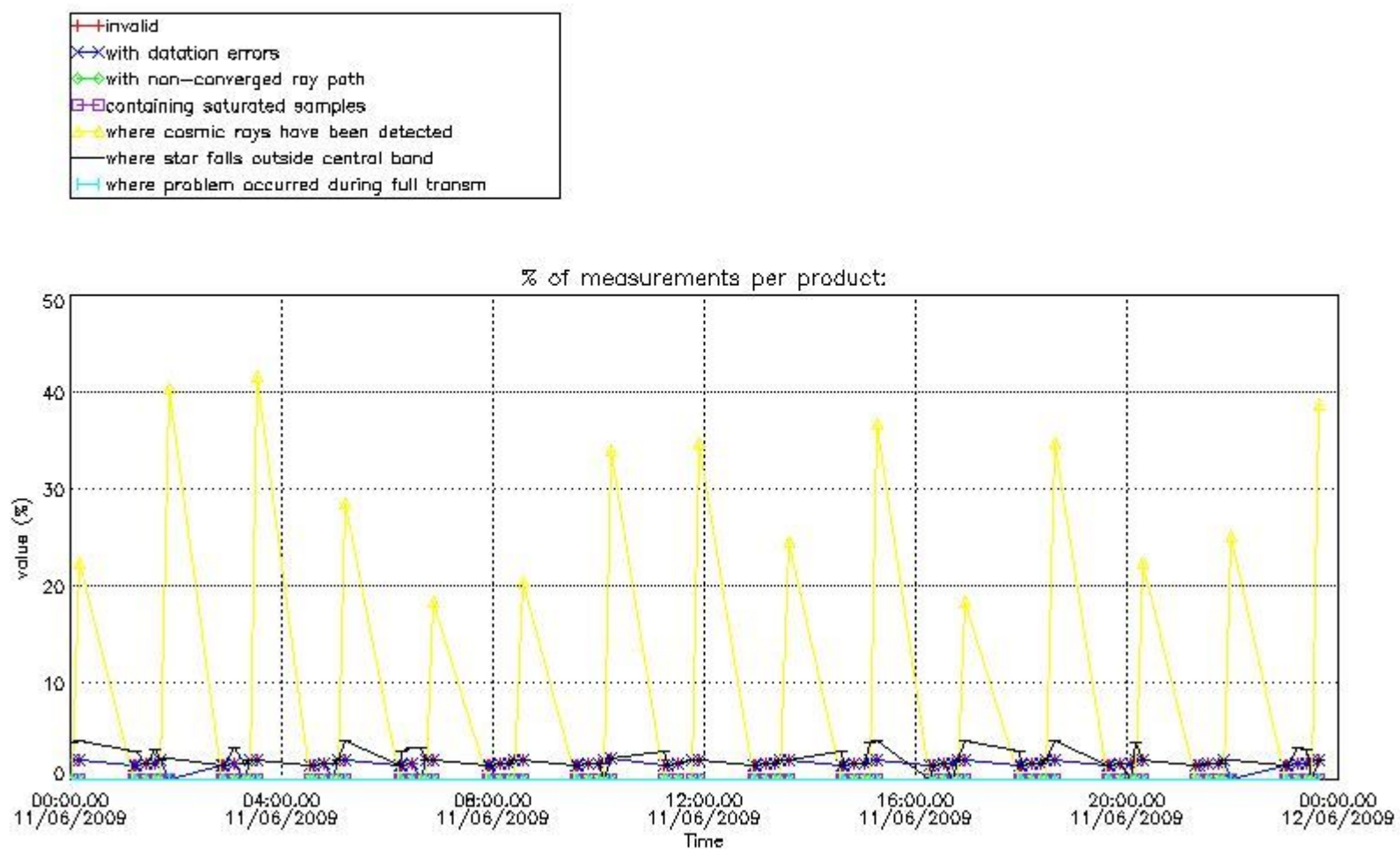
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

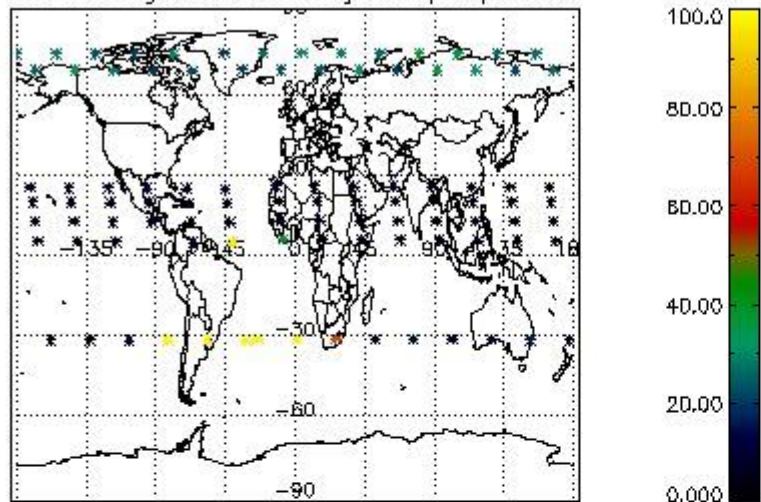


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

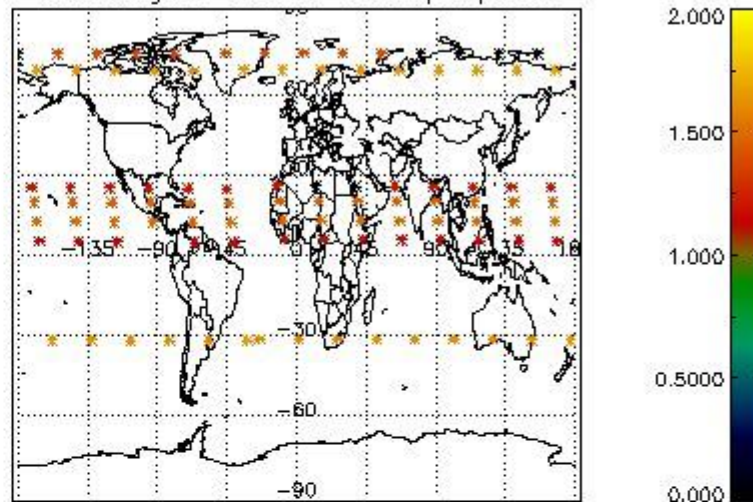


4.2 Plot quality information per product coming from level 1b processing (world map)
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

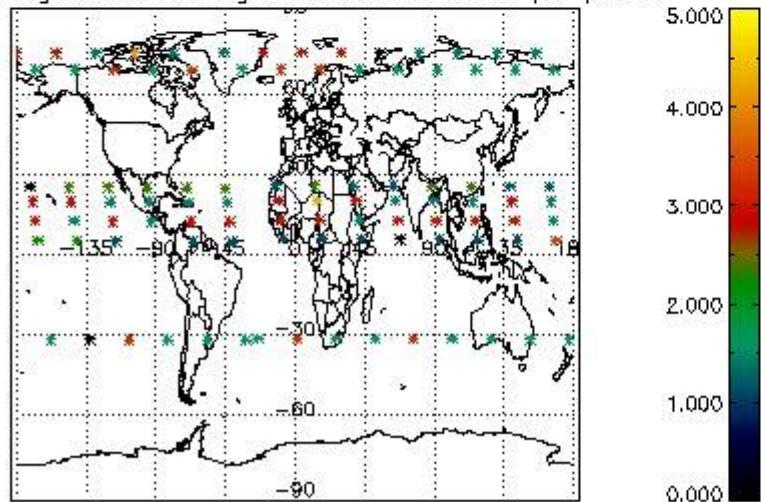
Percentage of cosmic ray hits per profile



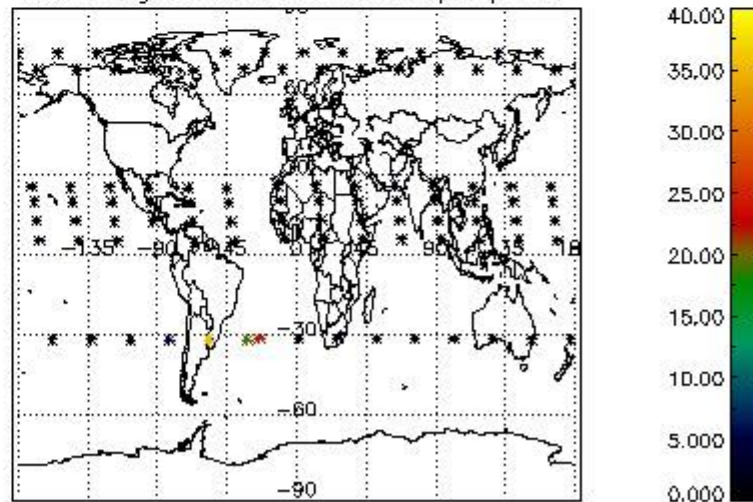
Percentage of datation errors per profile



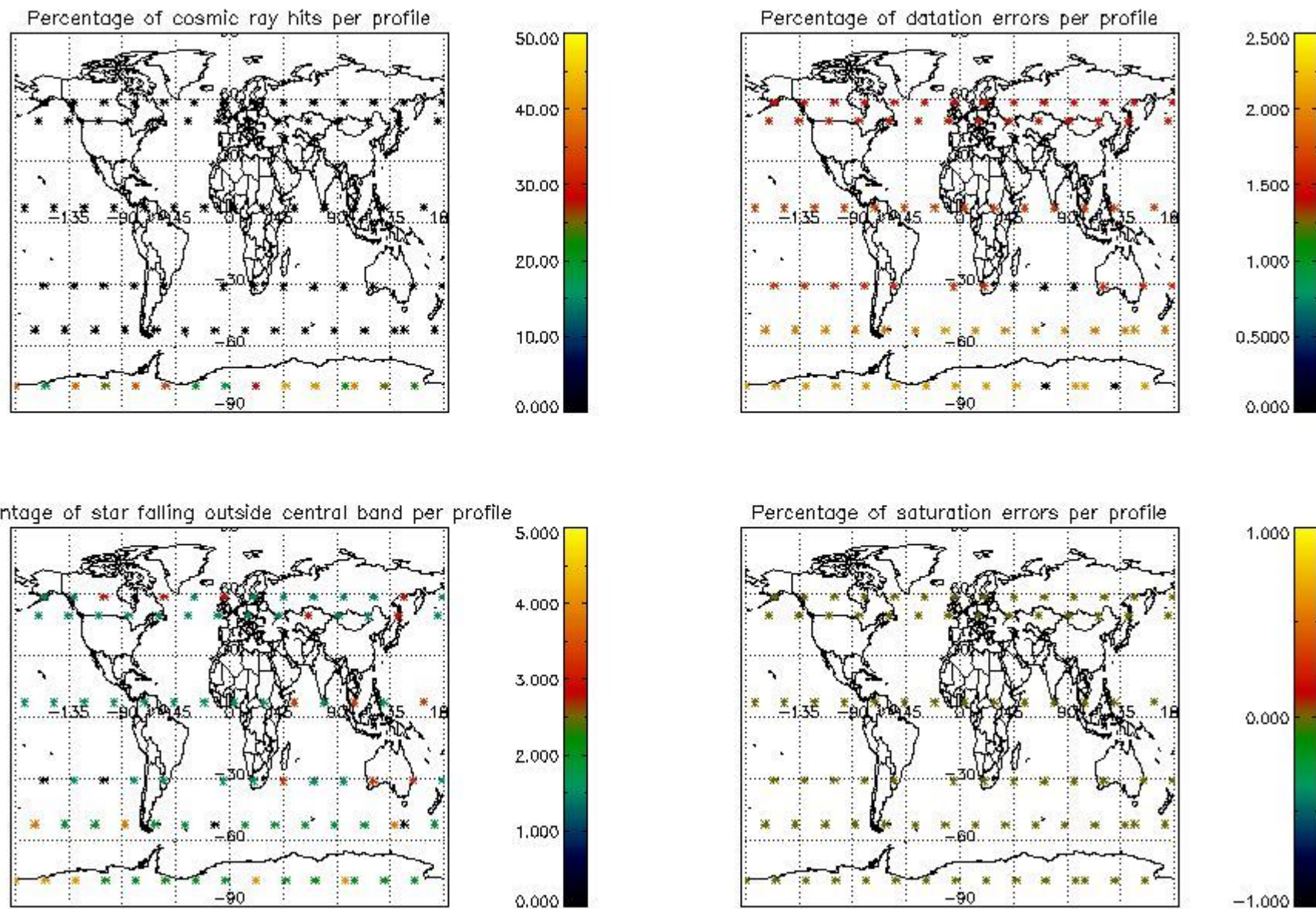
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

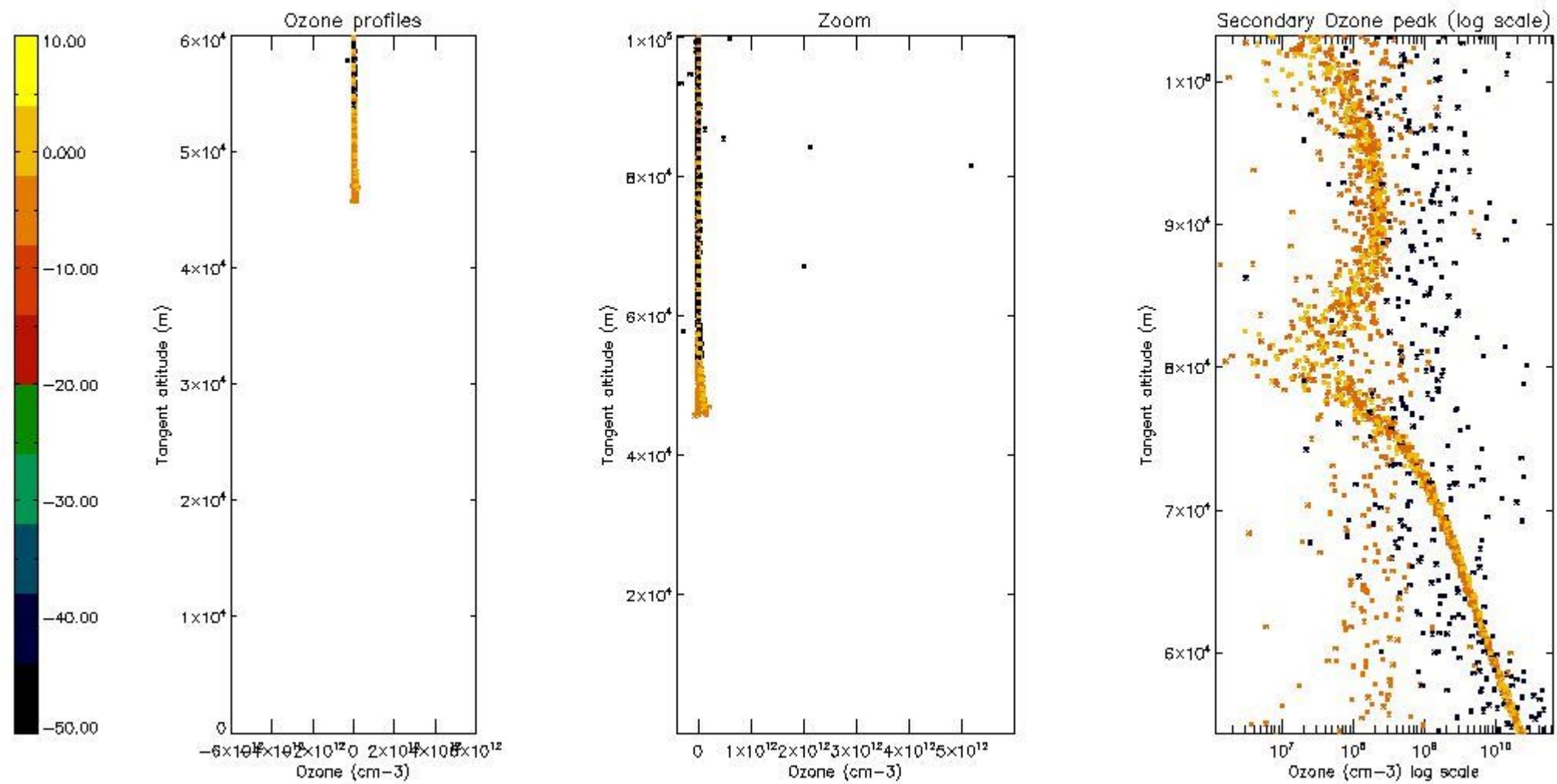
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	9

STD < 10	7
STD < 5	6

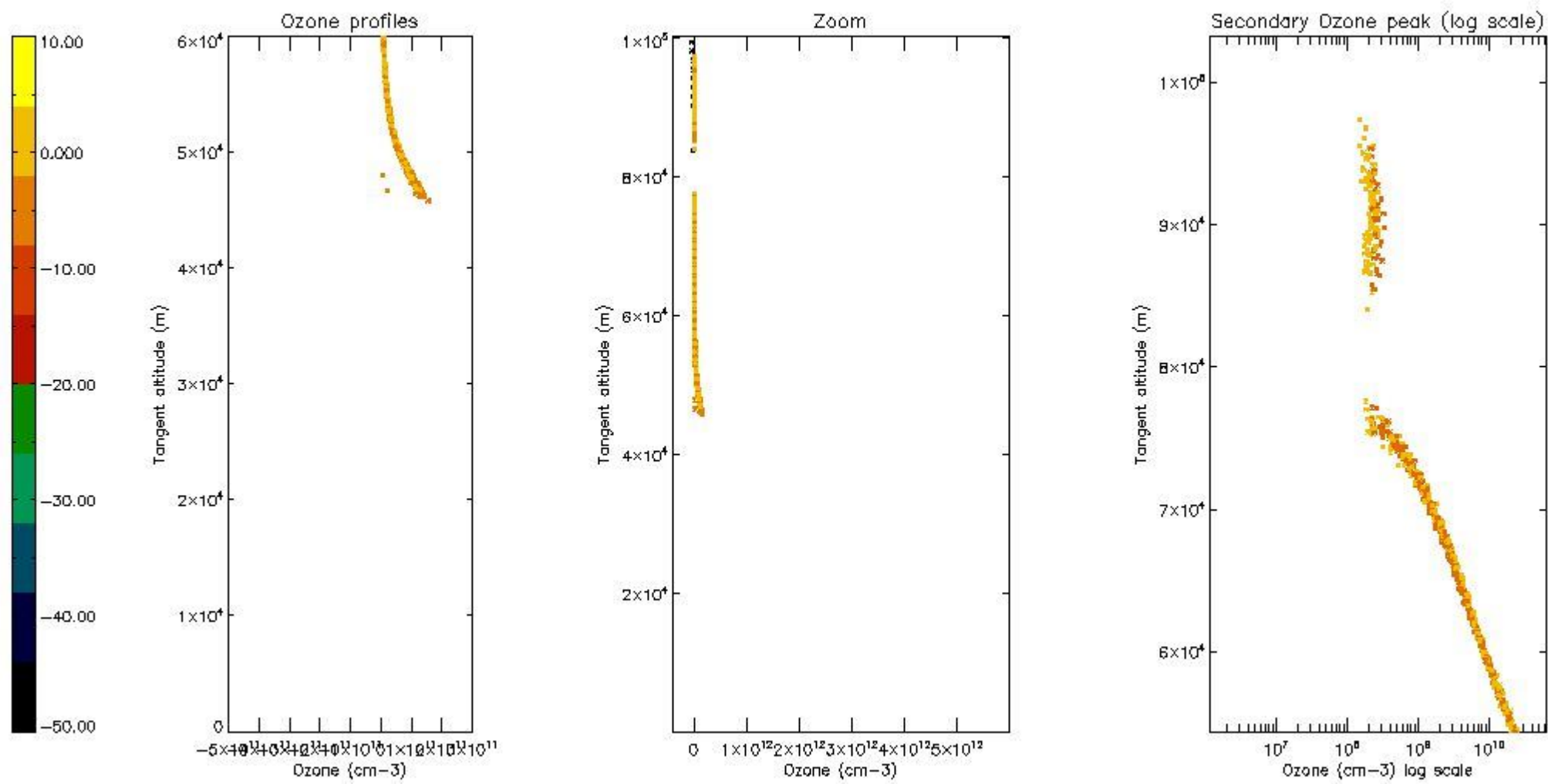
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



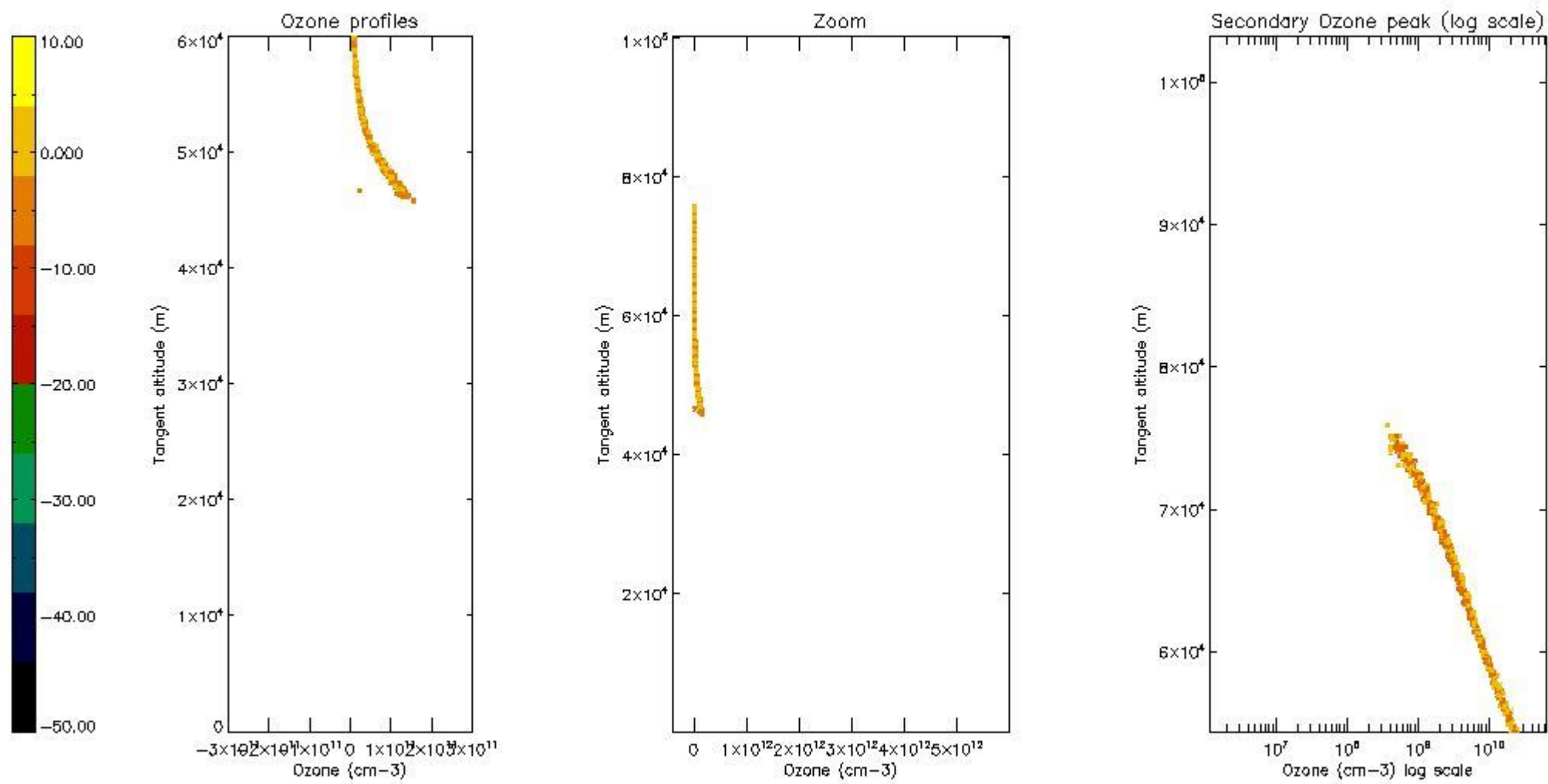
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



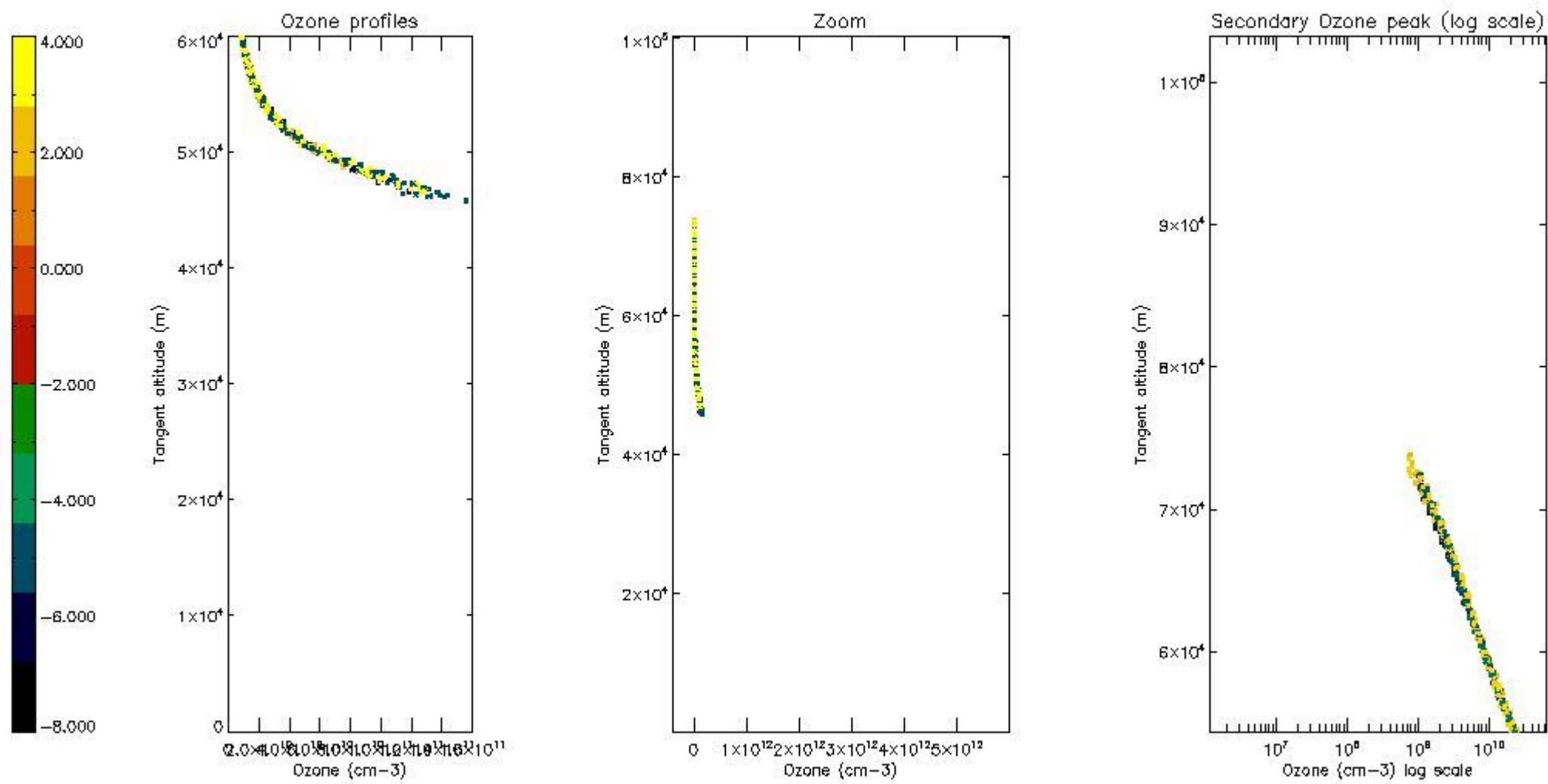
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



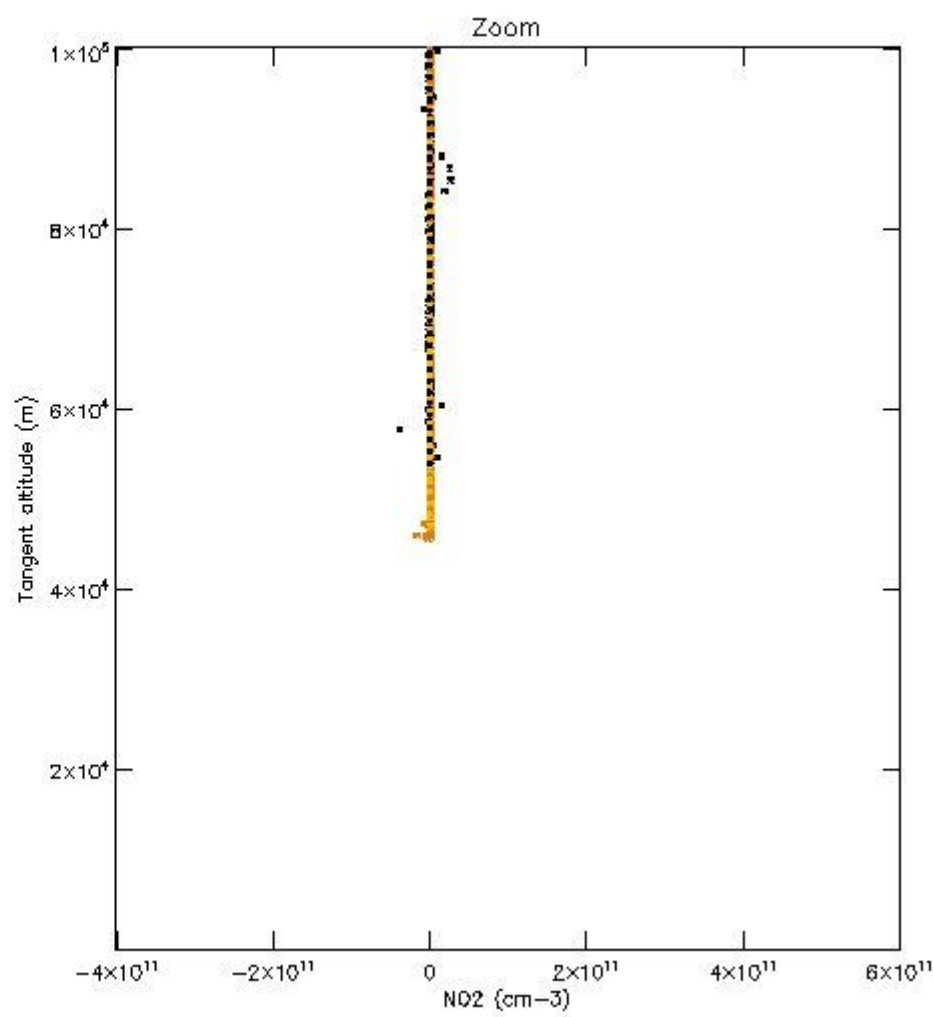
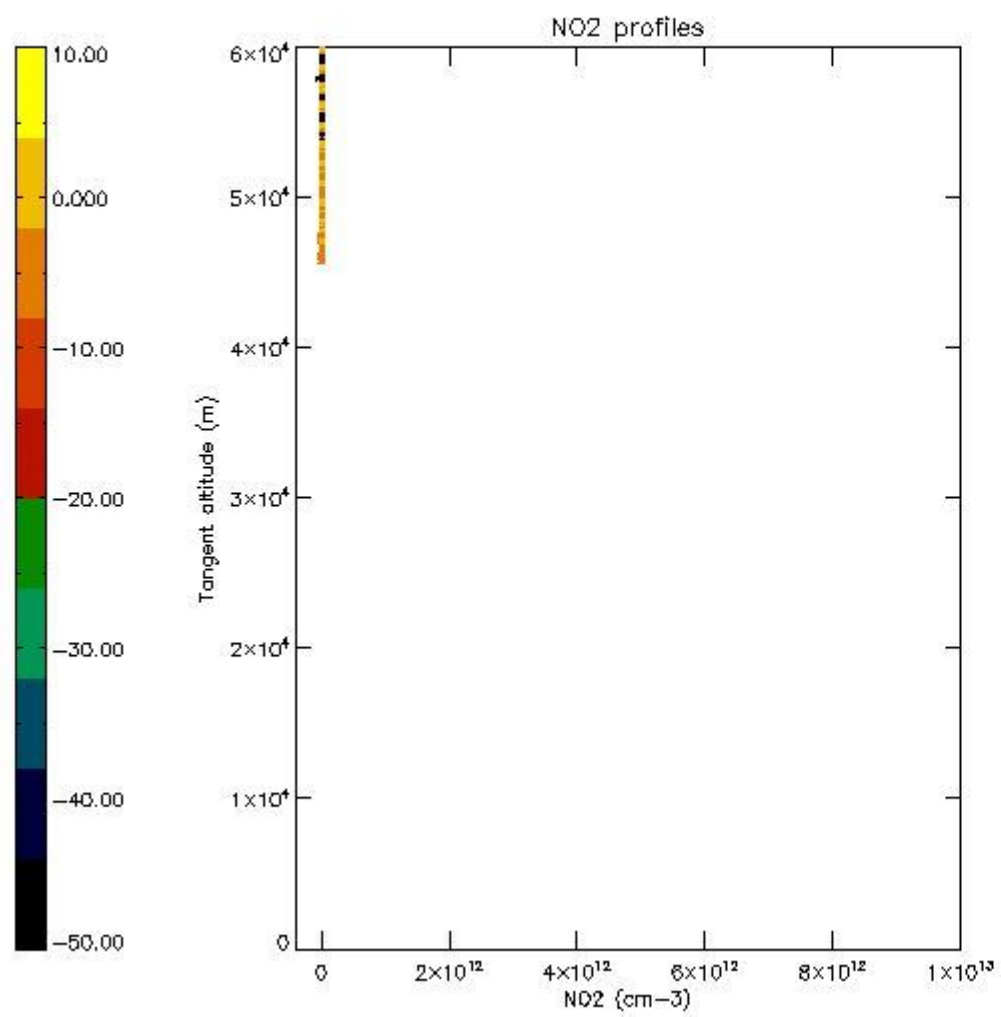
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



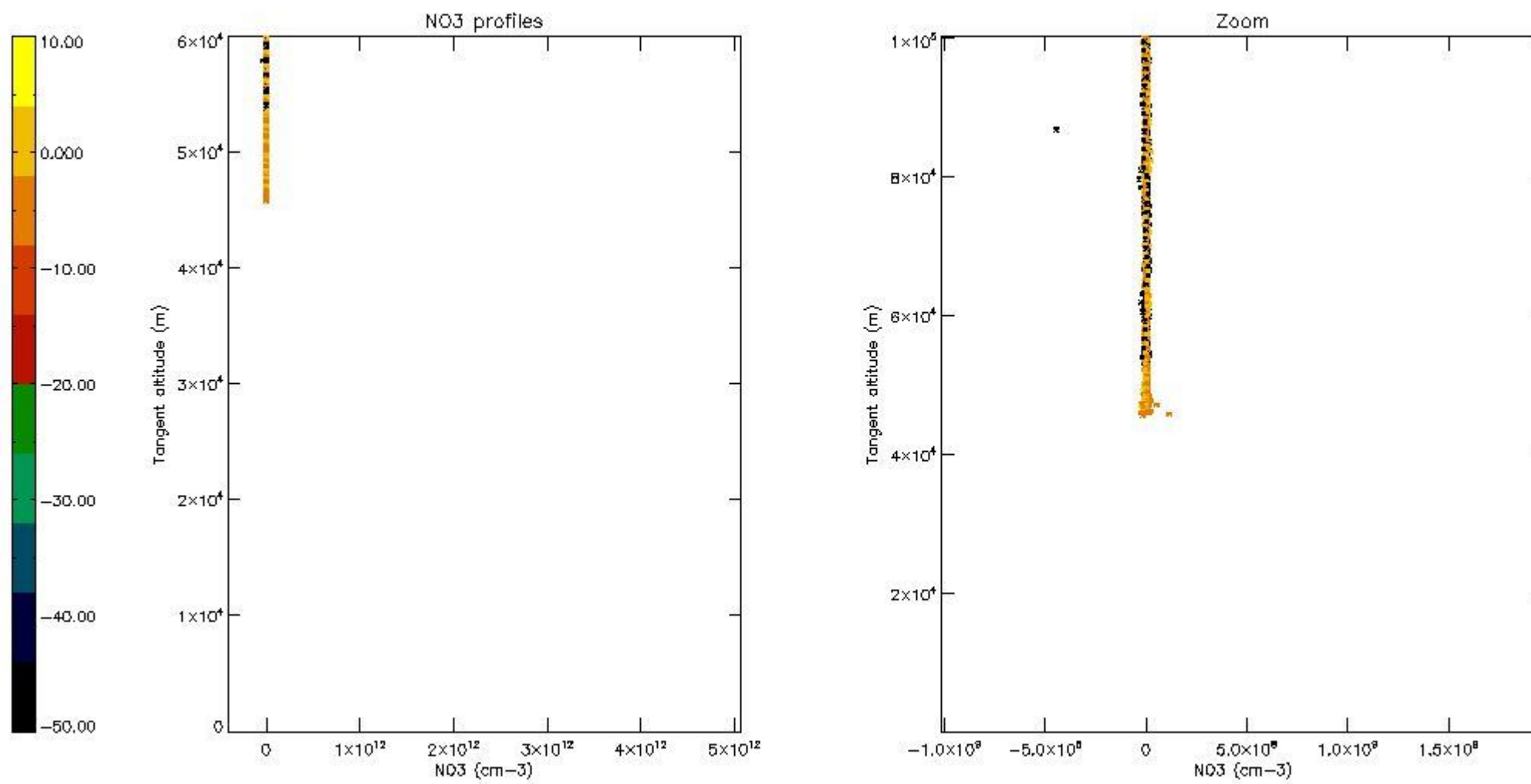
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

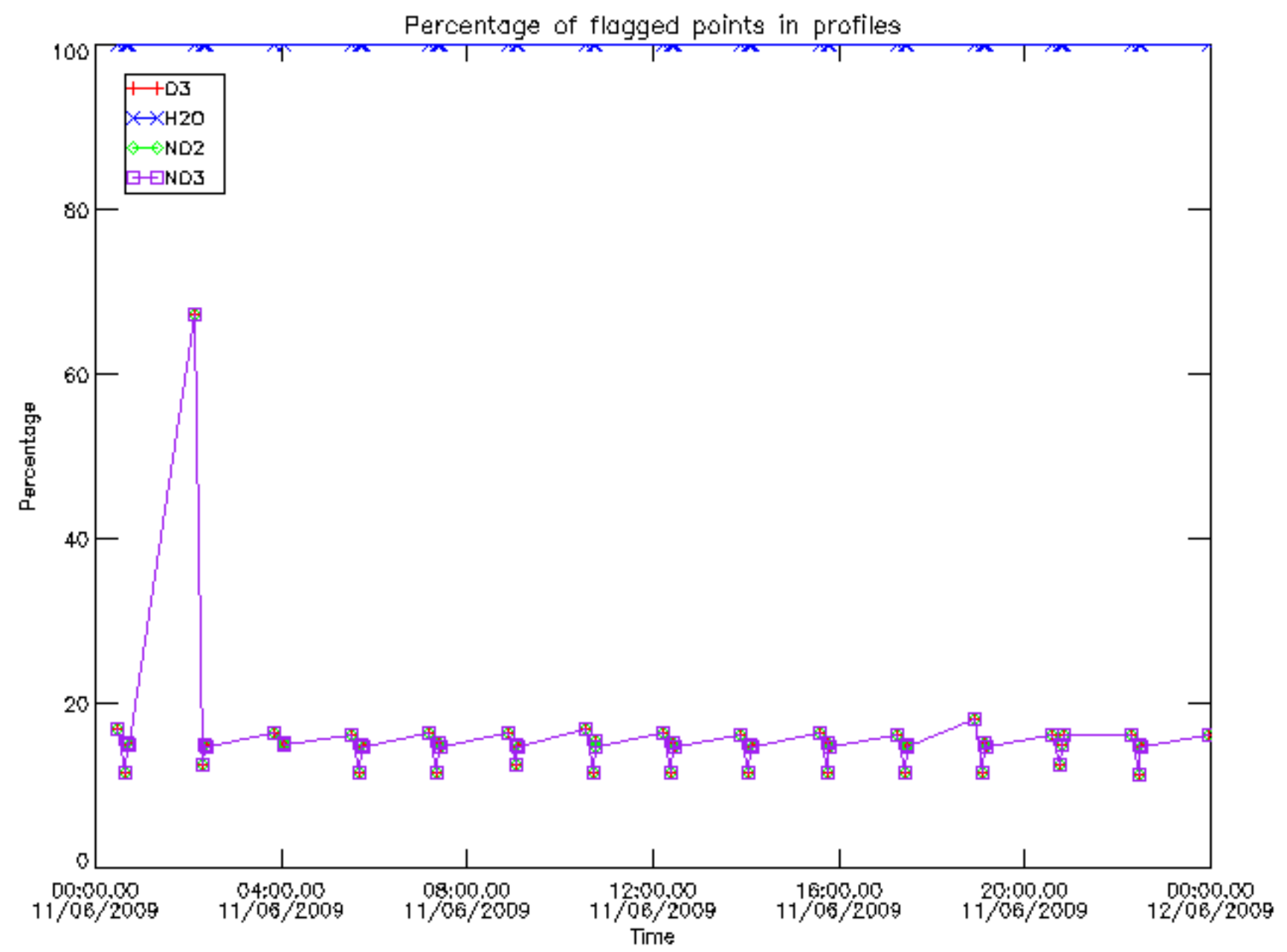
The colorbar represents the latitude.



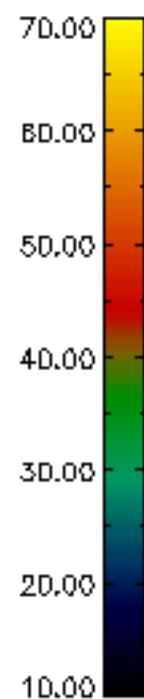
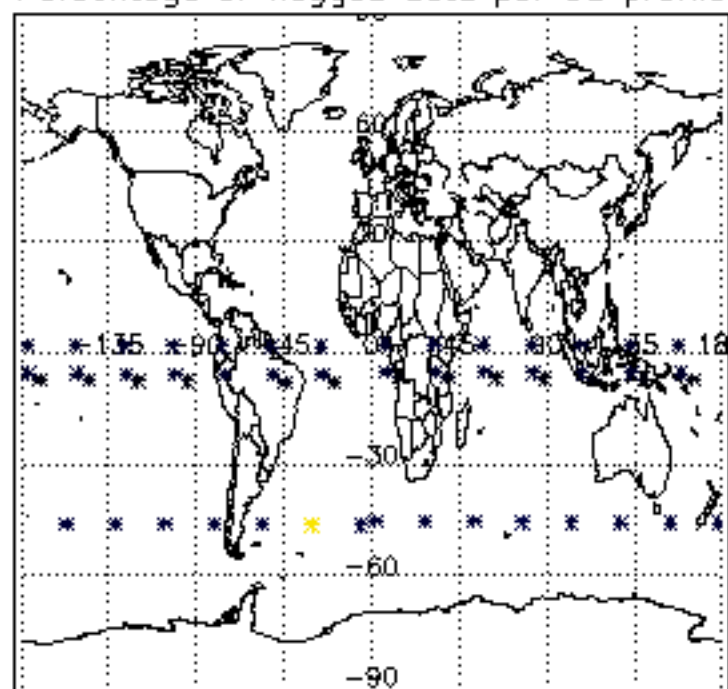
6. Auxiliary Data Files used for the production reported in section 2

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.

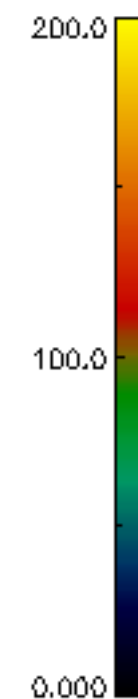
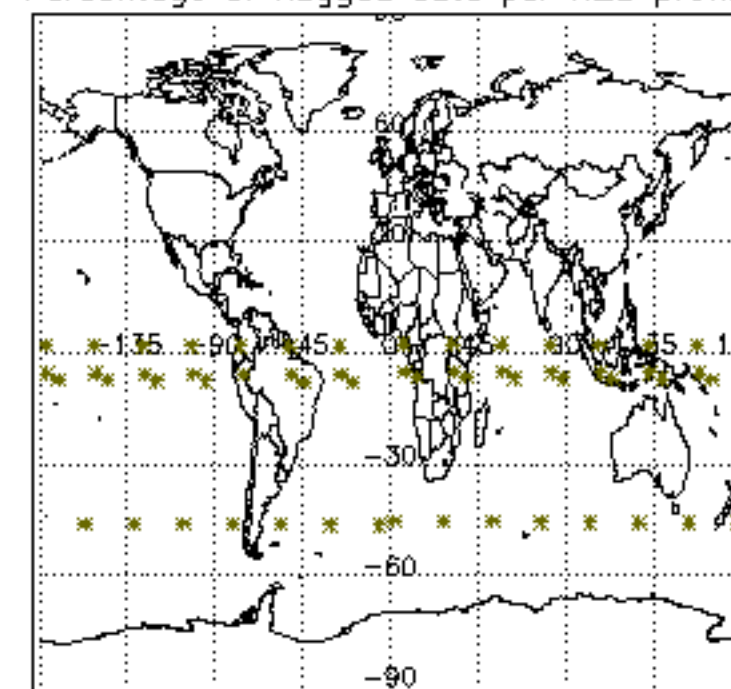
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	11-JUN-2009 00:01:58
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-JUN-2009 00:01:58
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-JUN-2009 00:01:58



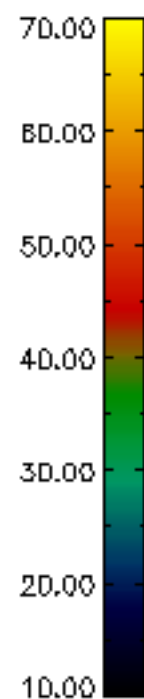
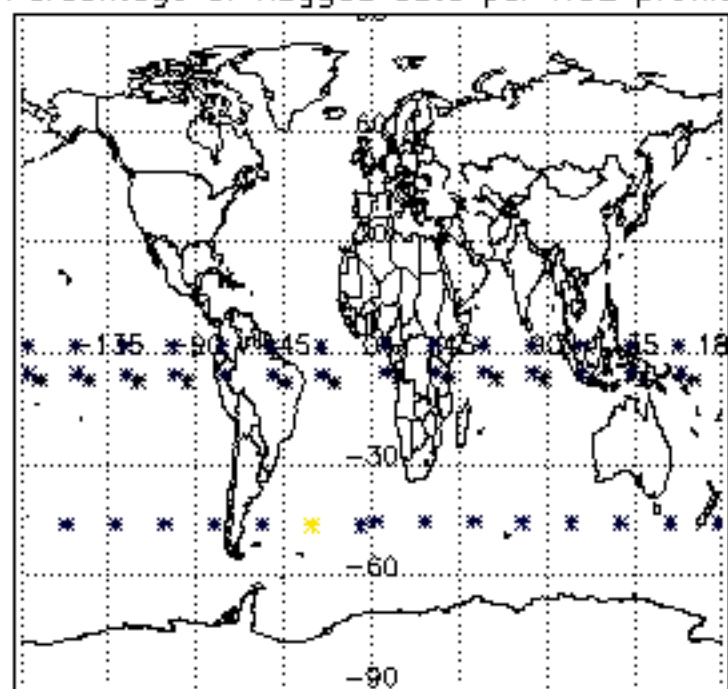
Percentage of flagged data per D3 profile



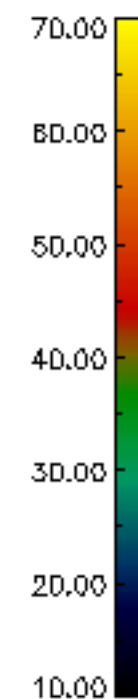
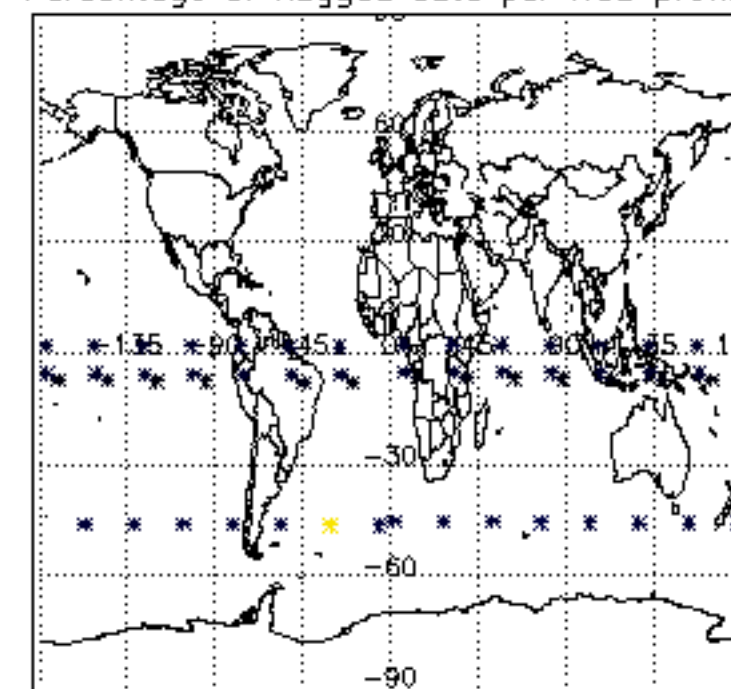
Percentage of flagged data per H2O profile

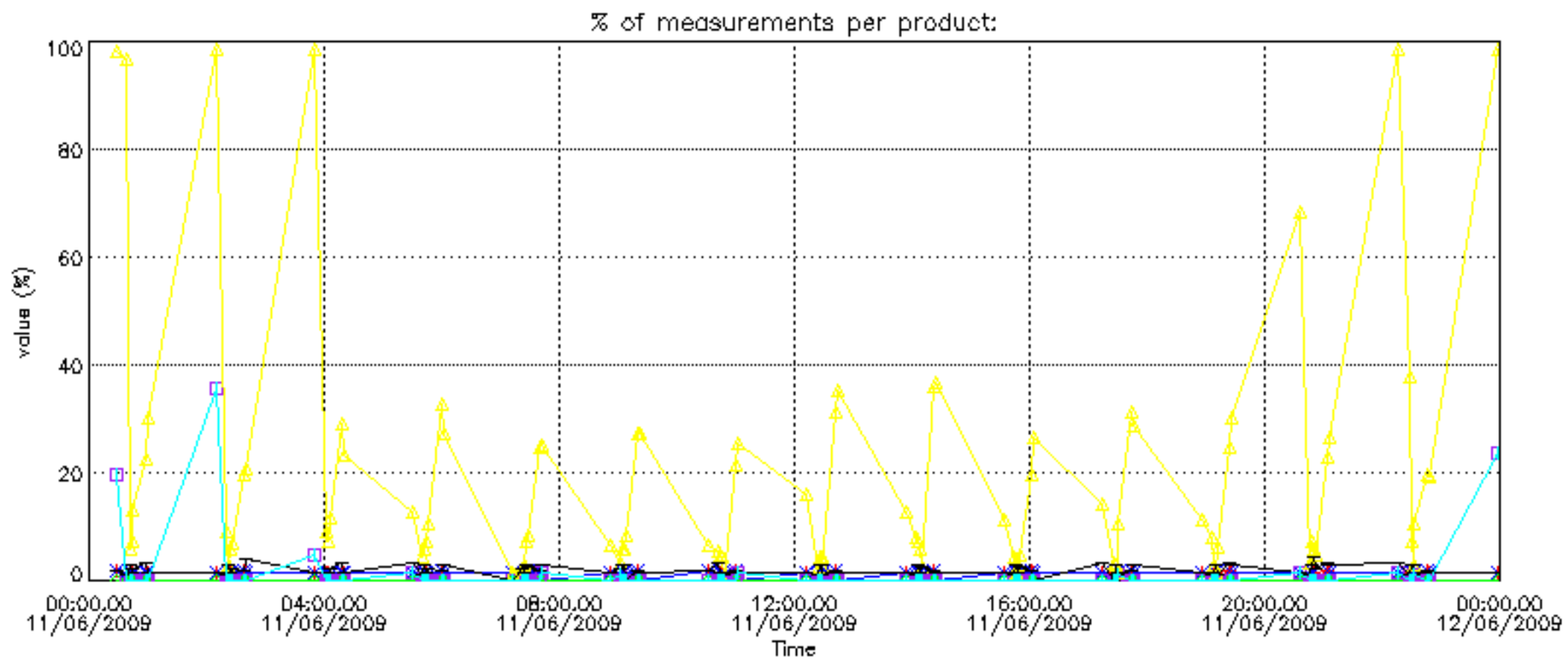


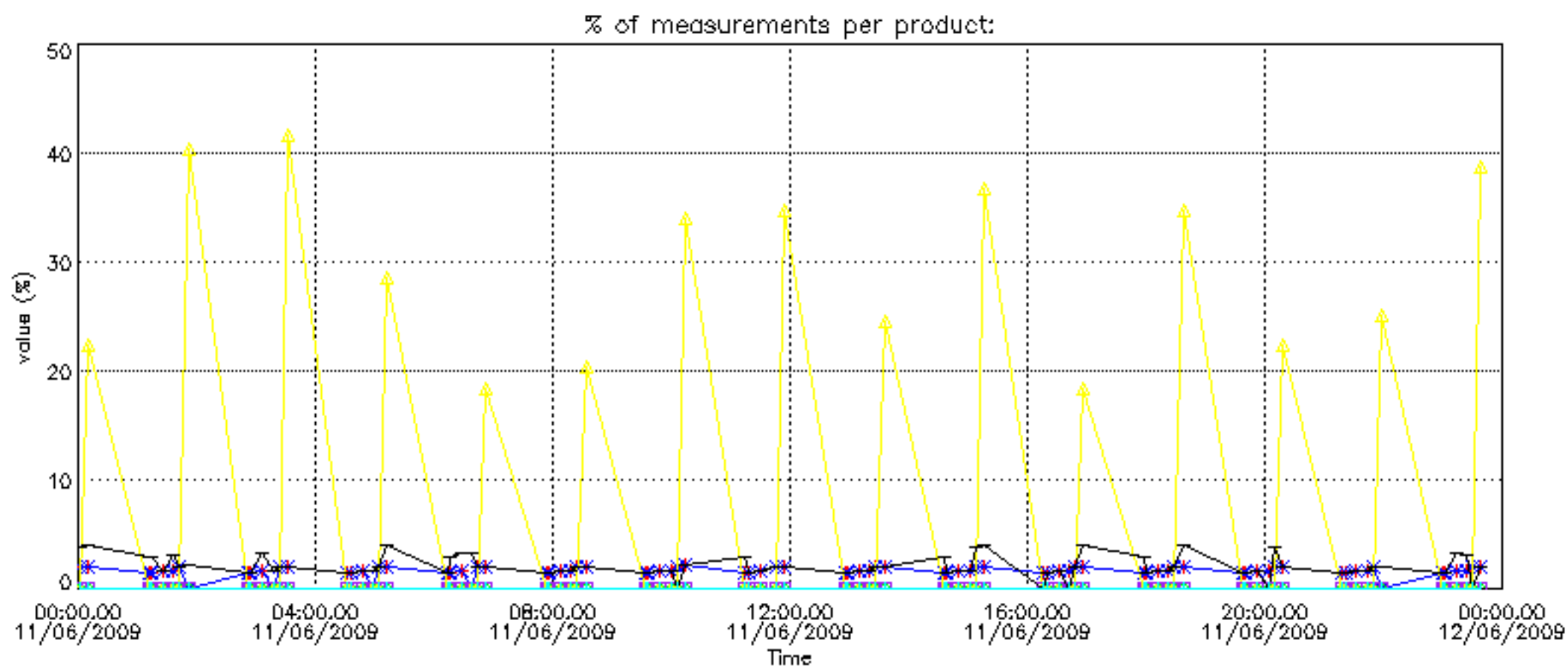
Percentage of flagged data per NO2 profile



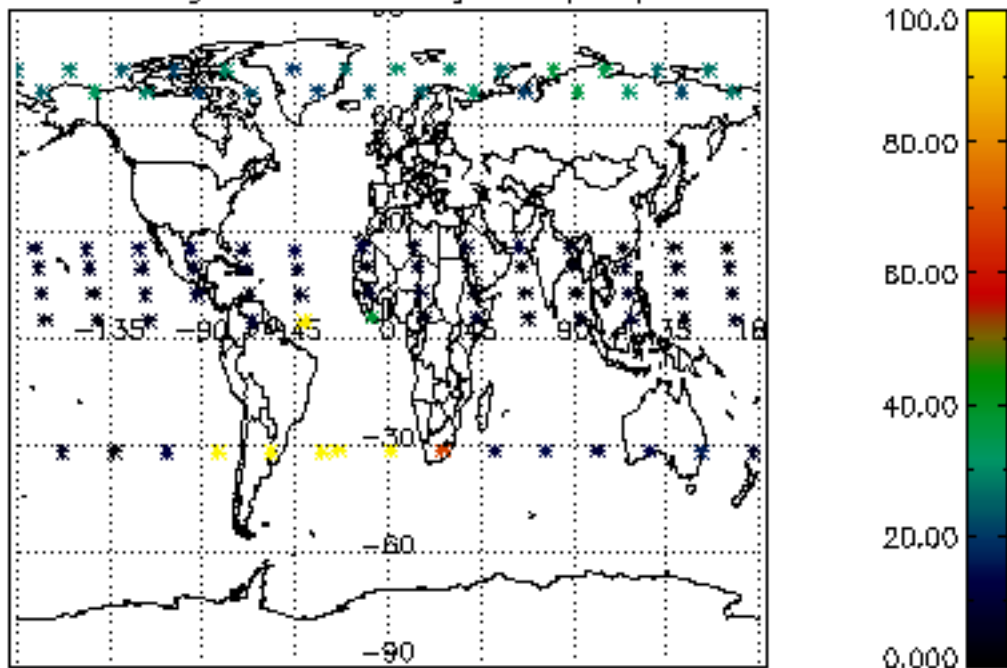
Percentage of flagged data per NO3 profile



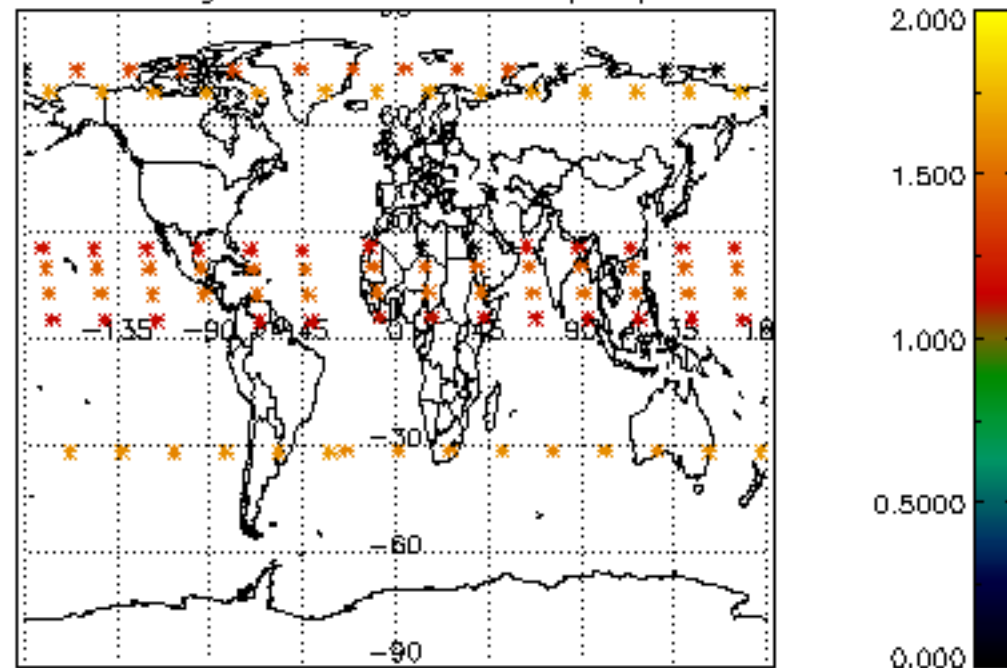




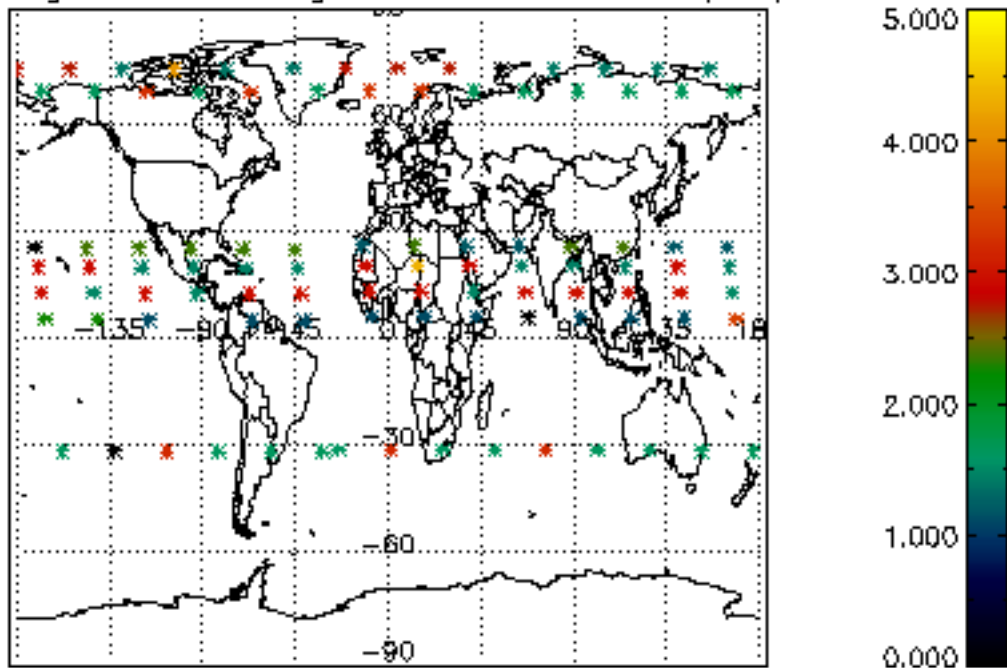
Percentage of cosmic ray hits per profile



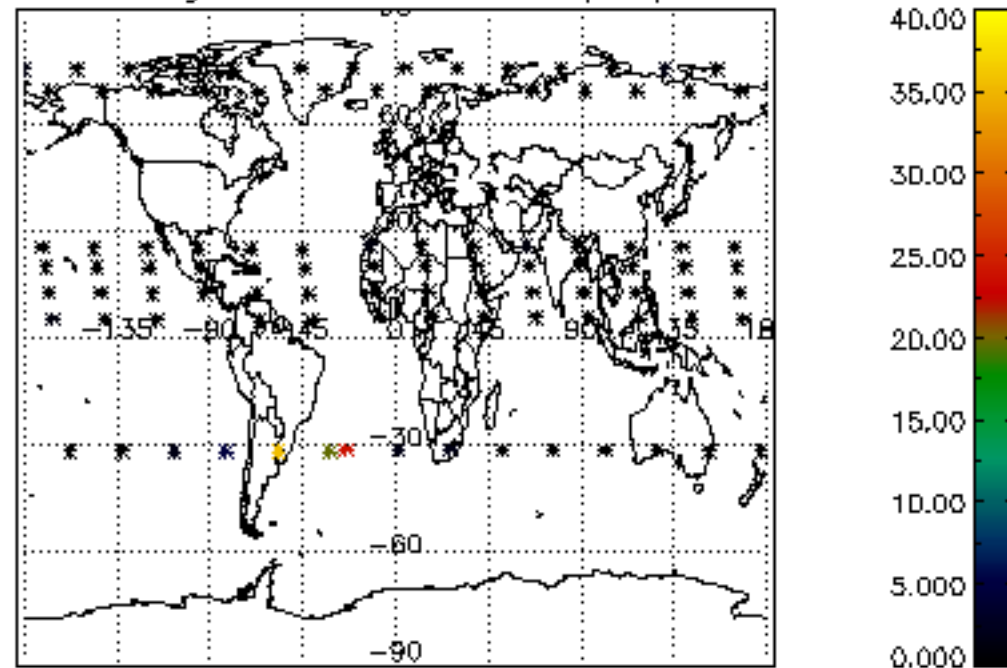
Percentage of datation errors per profile



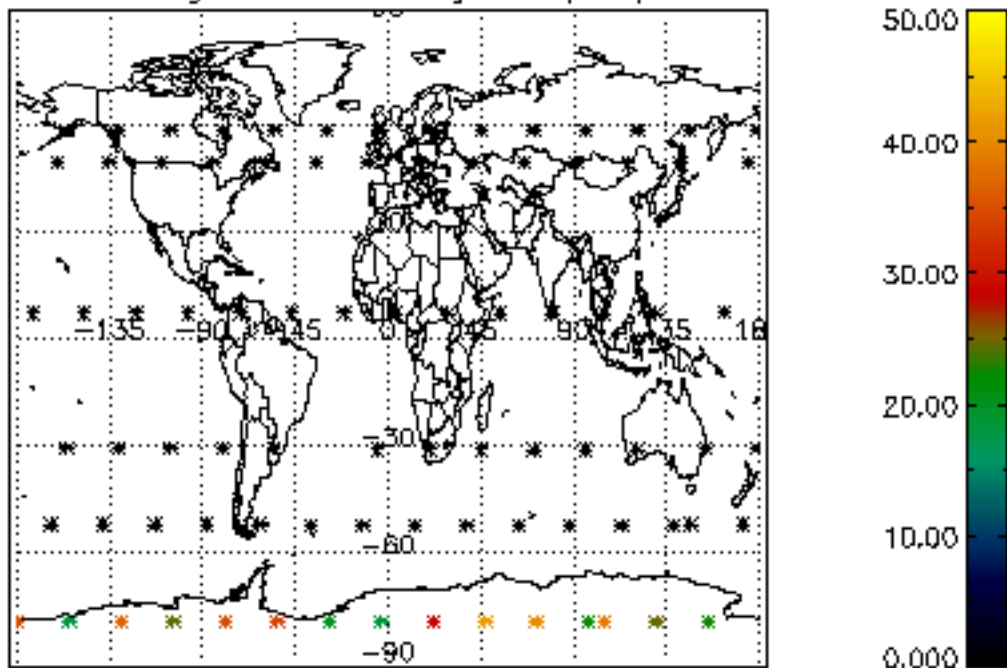
Percentage of star falling outside central band per profile



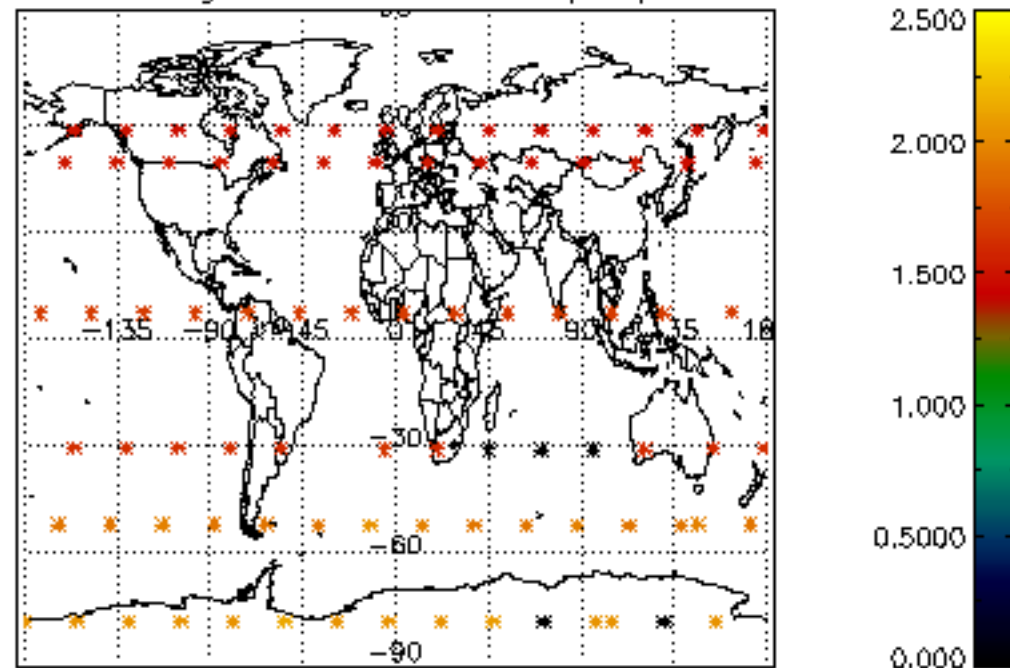
Percentage of saturation errors per profile



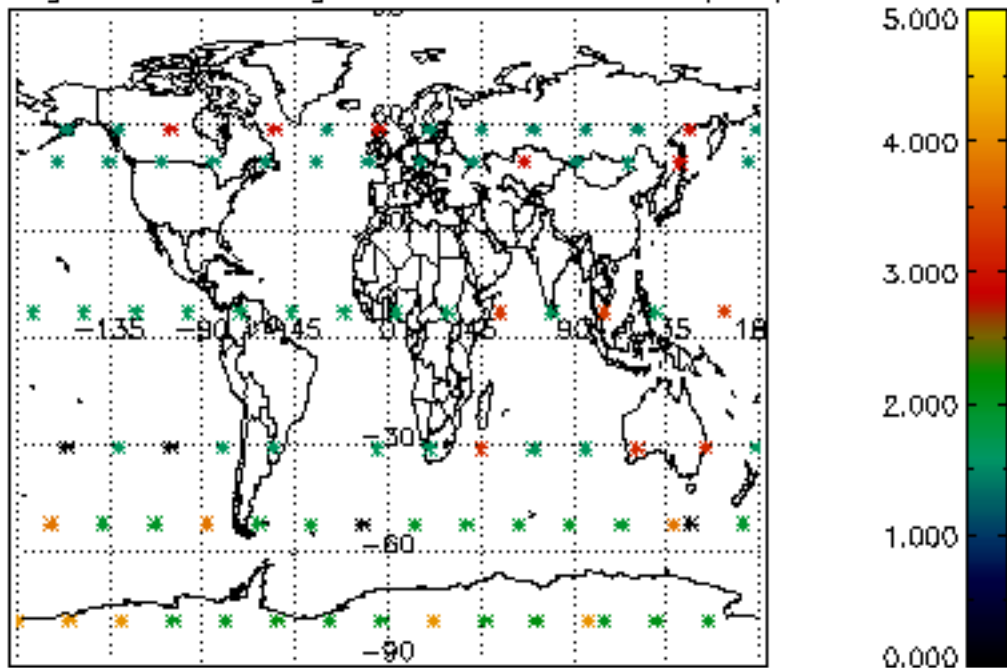
Percentage of cosmic ray hits per profile



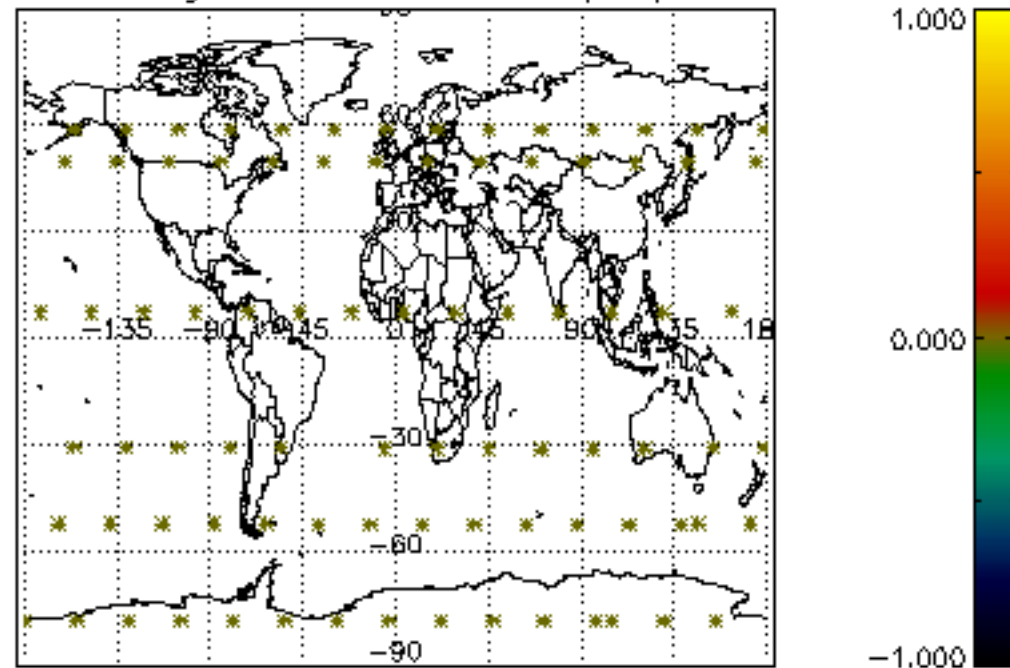
Percentage of datation errors per profile

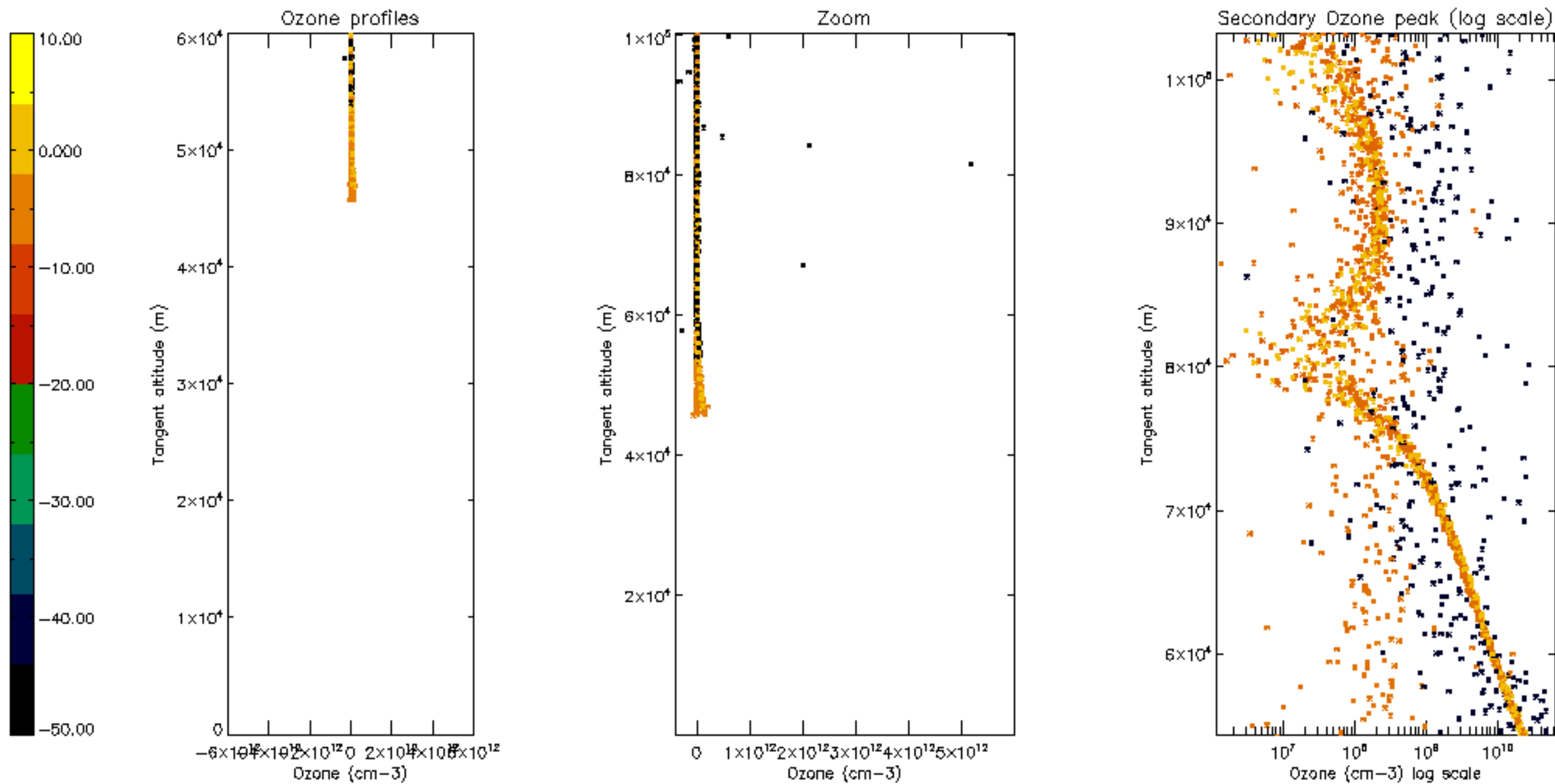


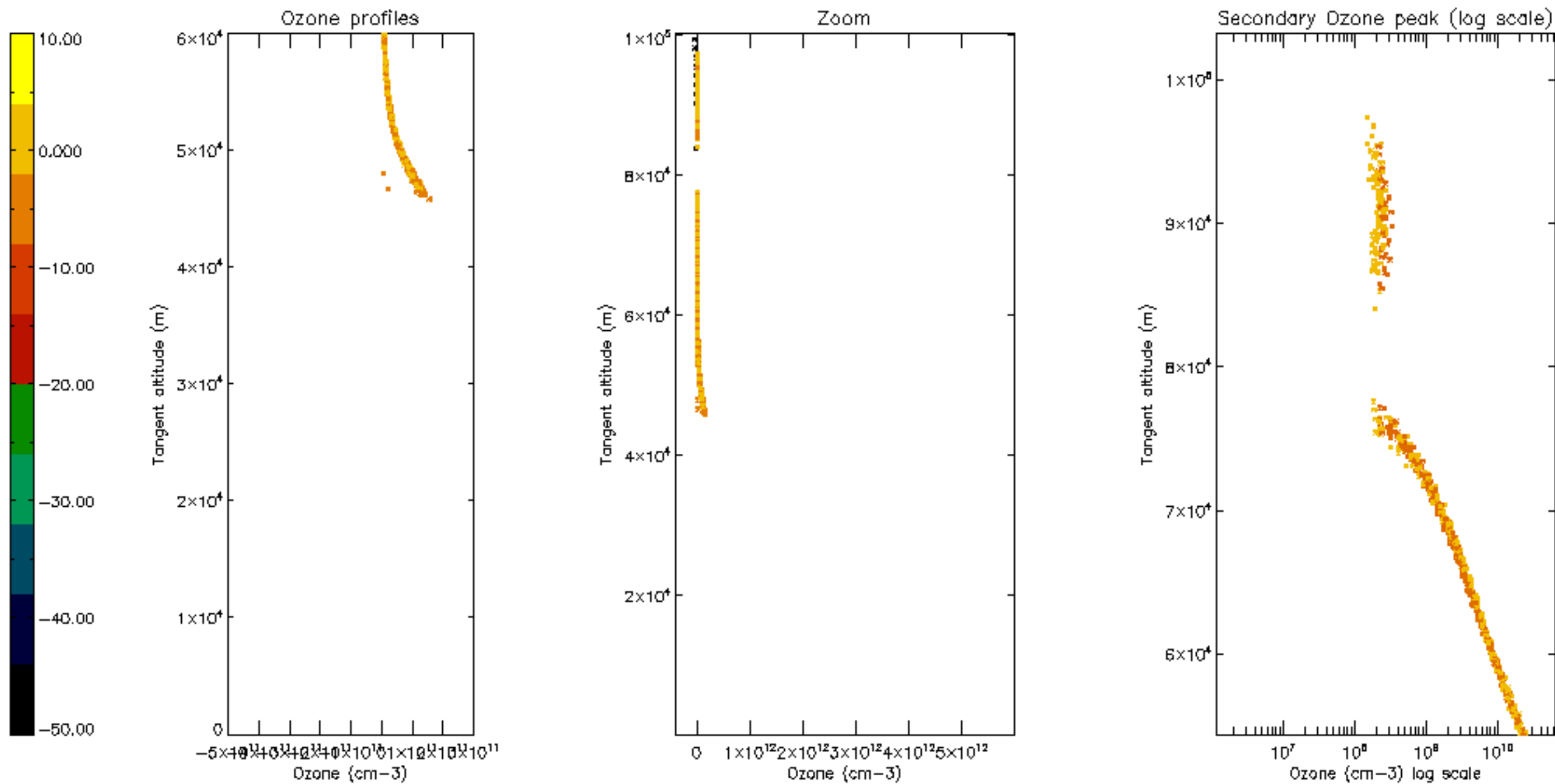
Percentage of star falling outside central band per profile

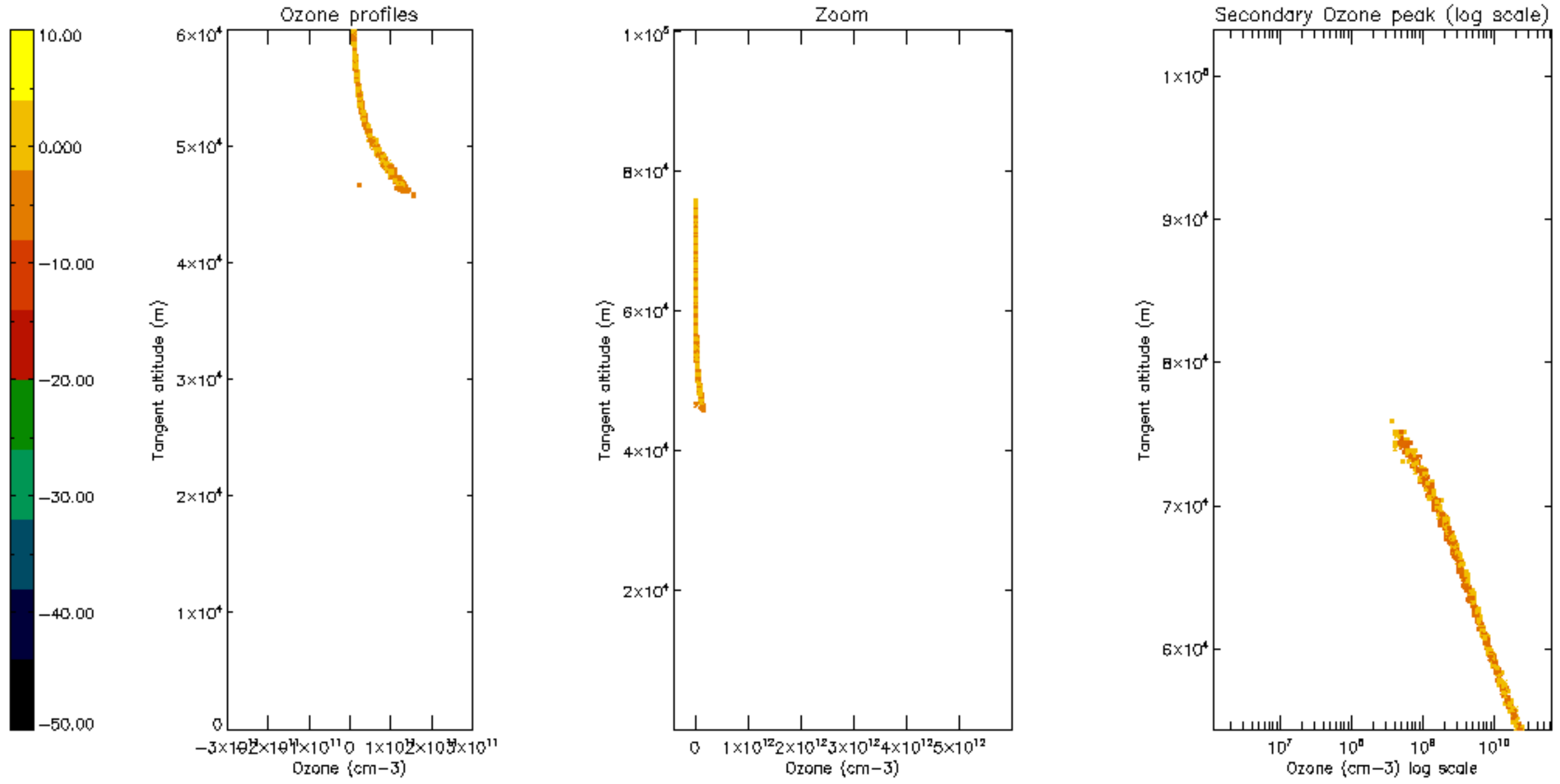


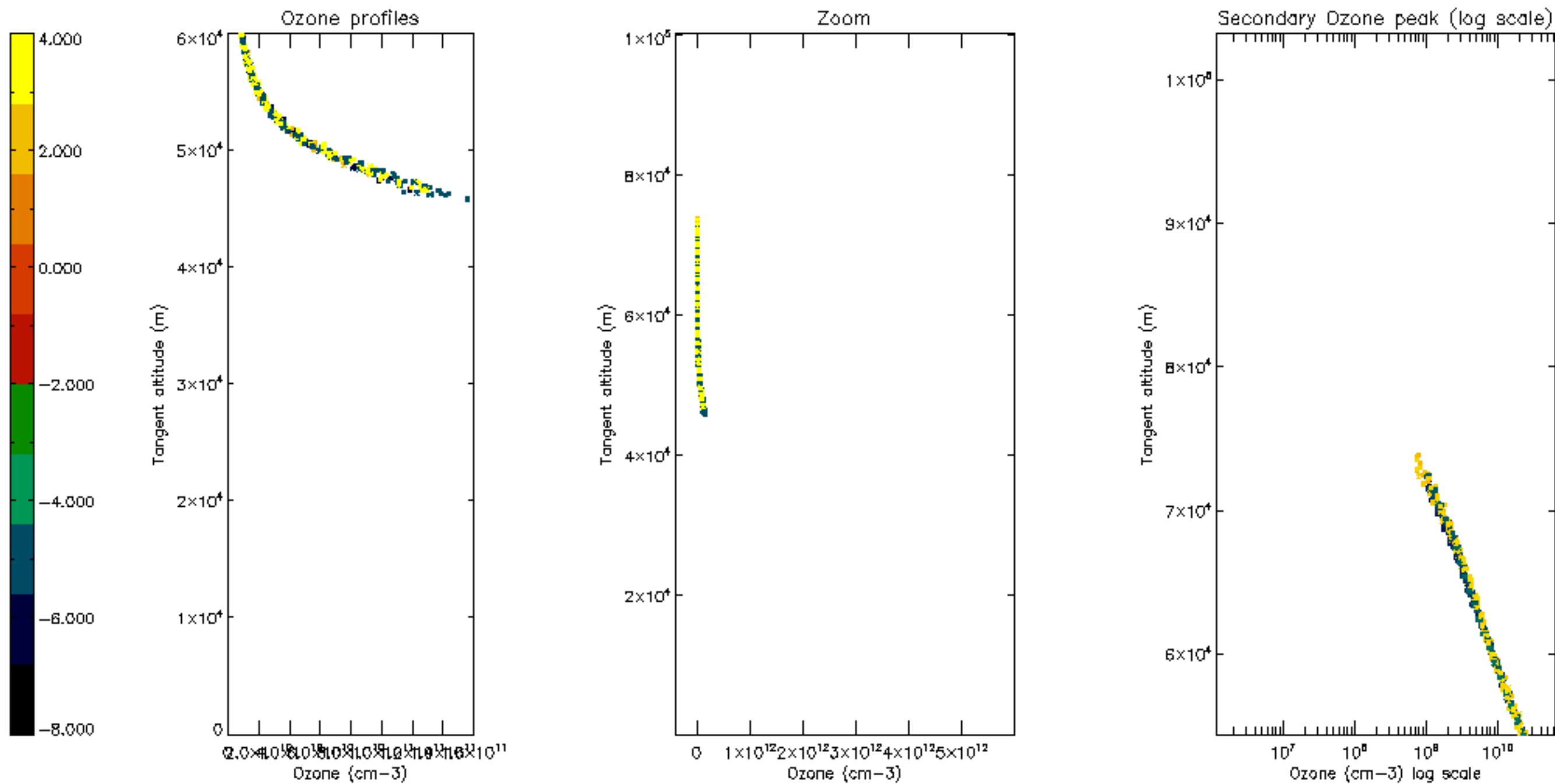
Percentage of saturation errors per profile

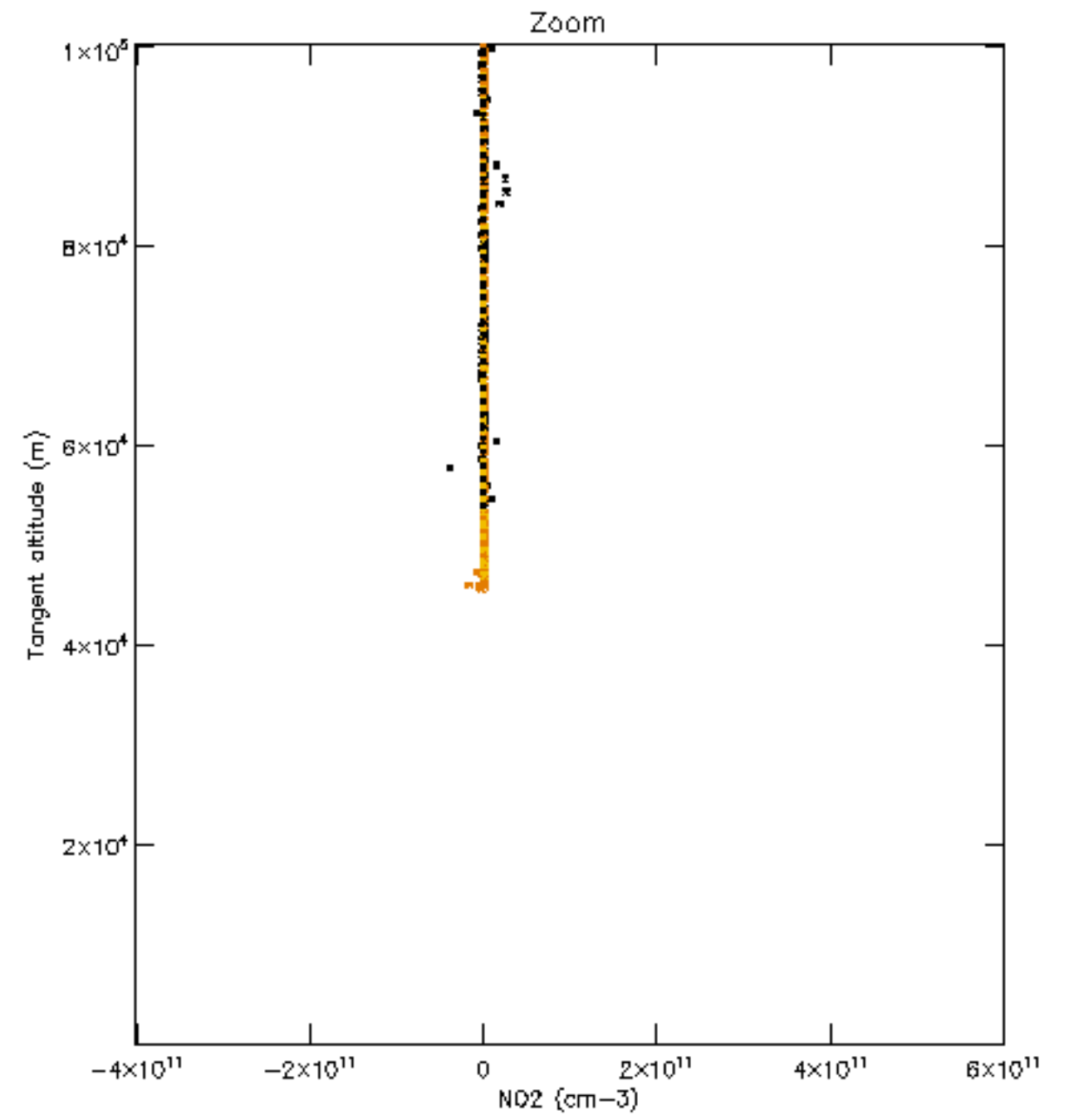
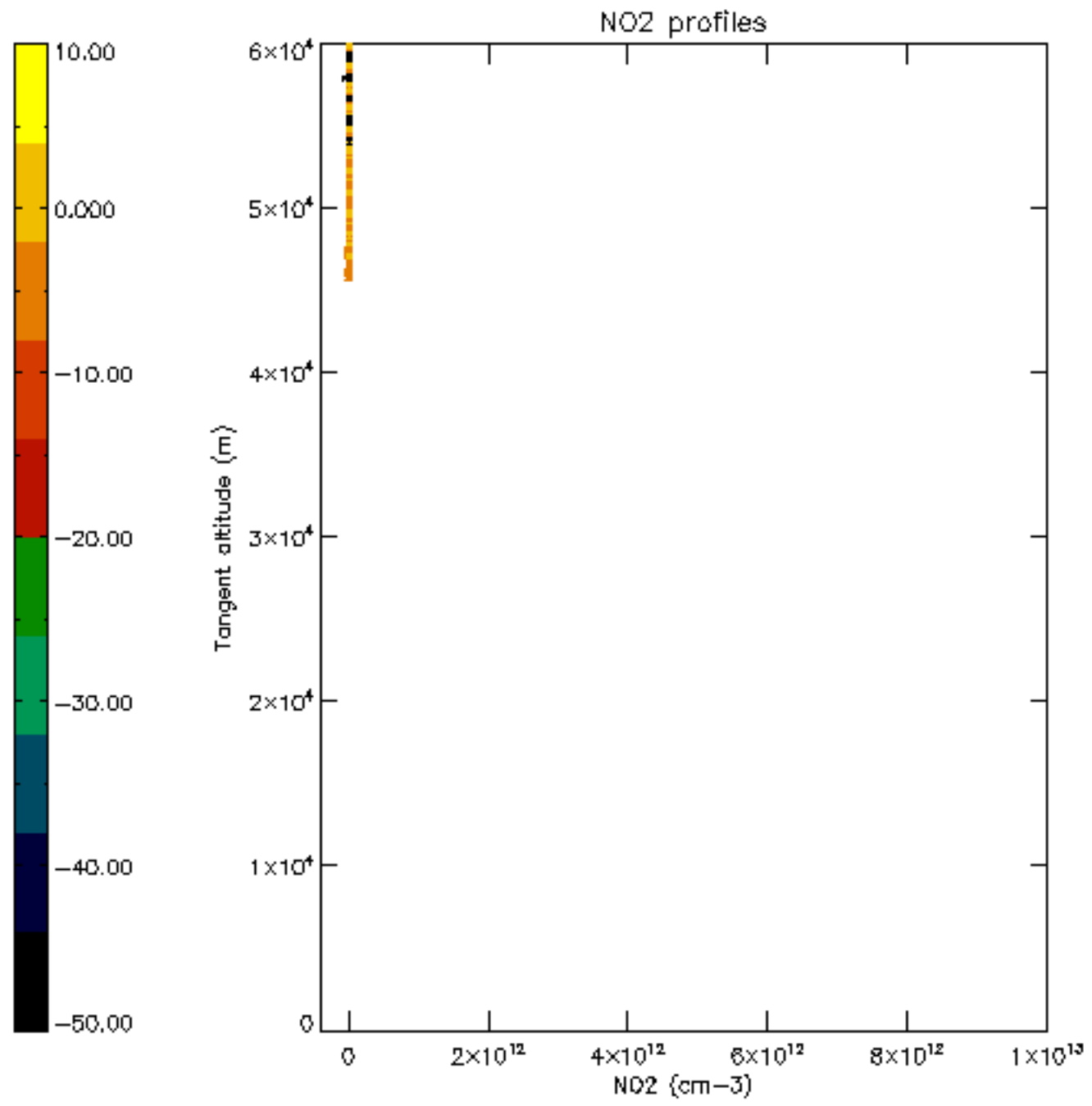


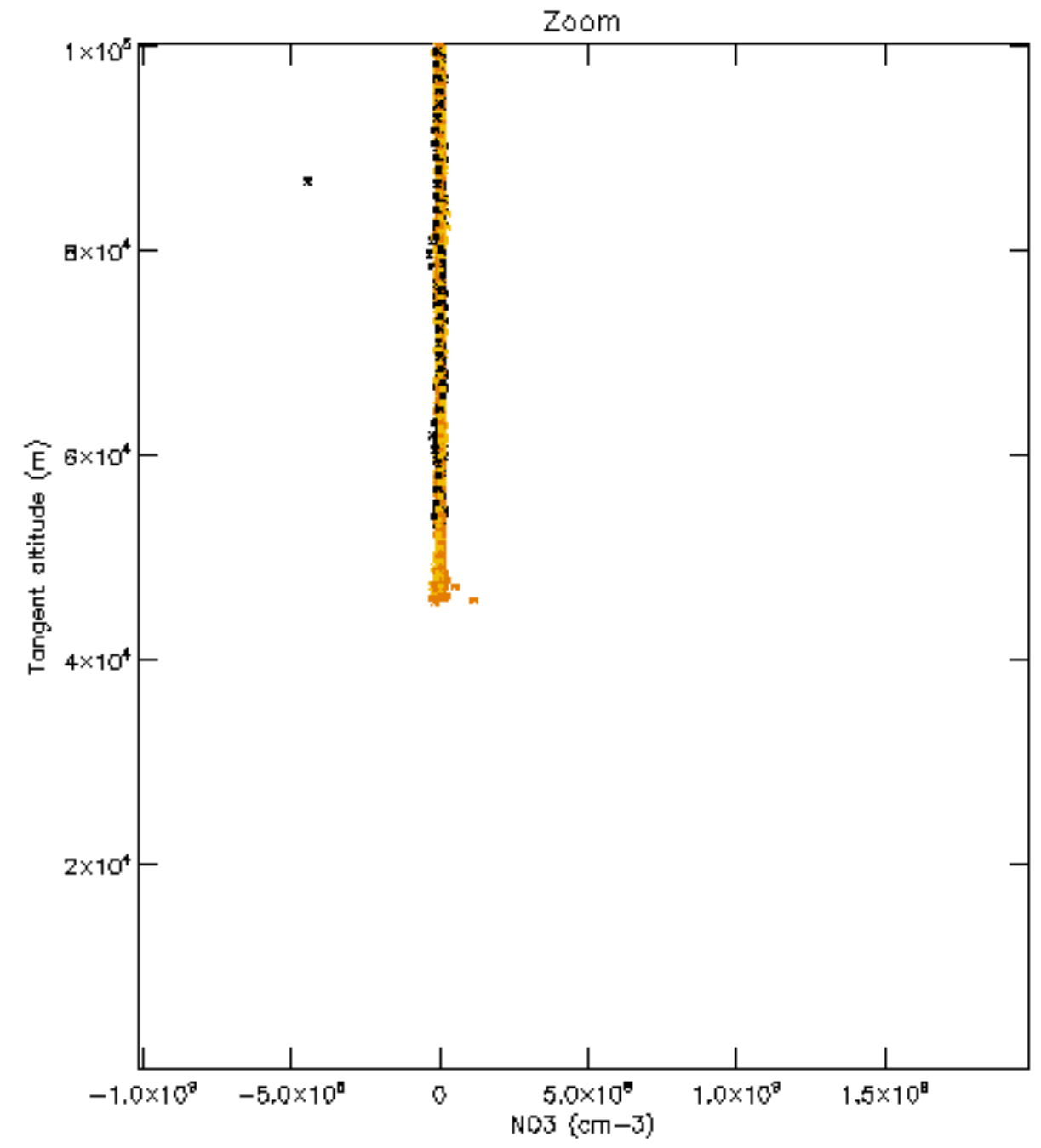
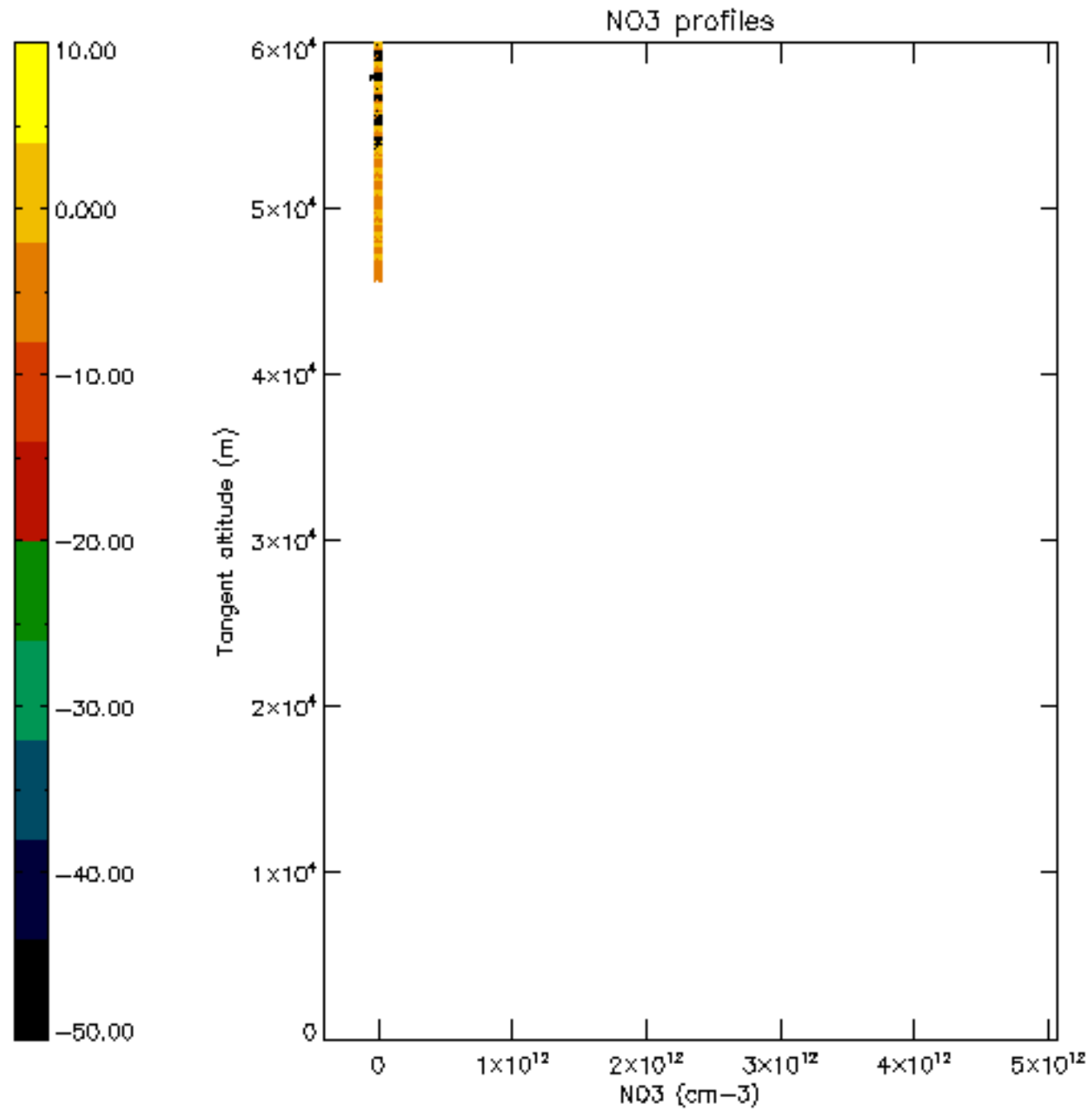


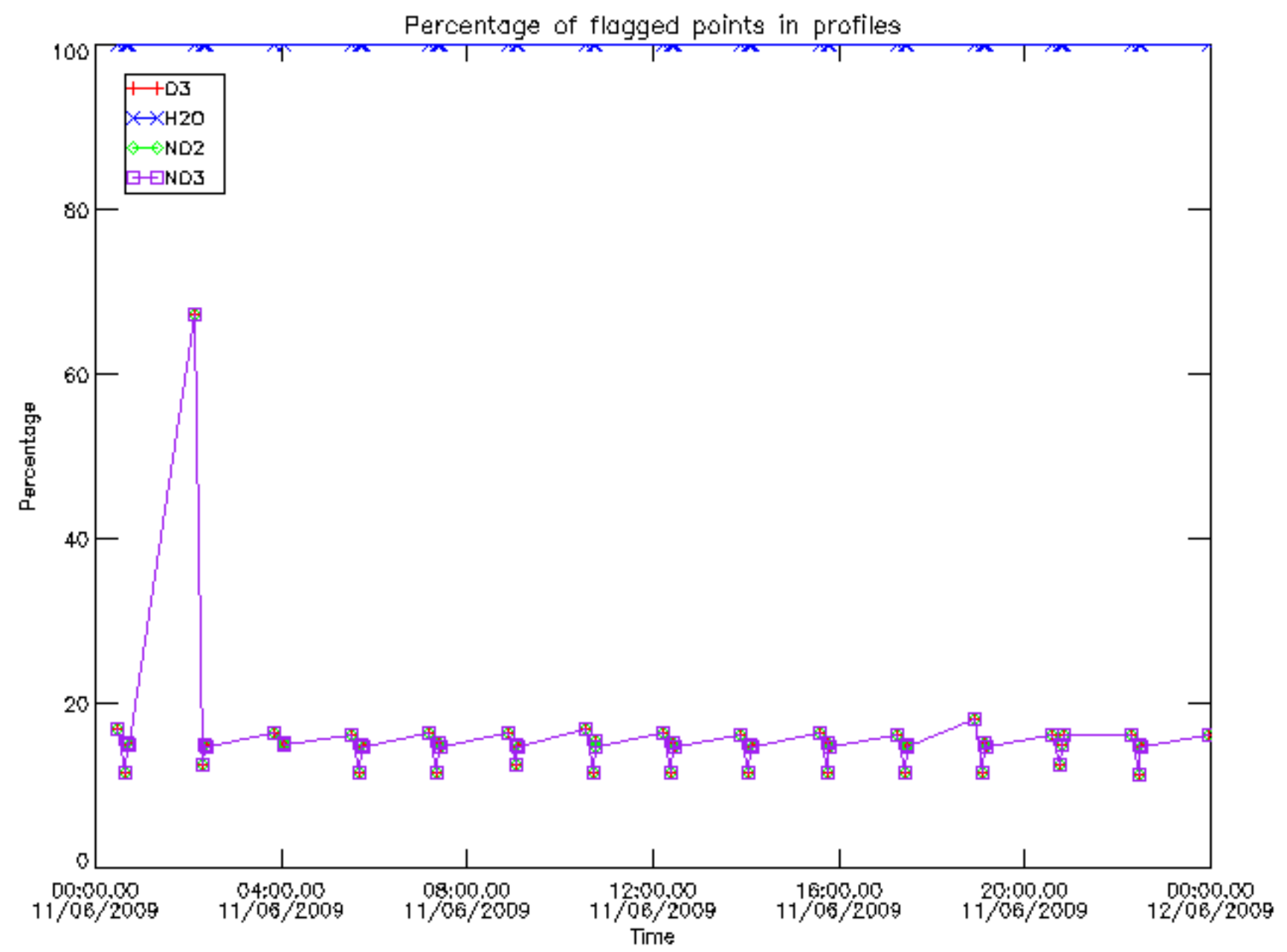




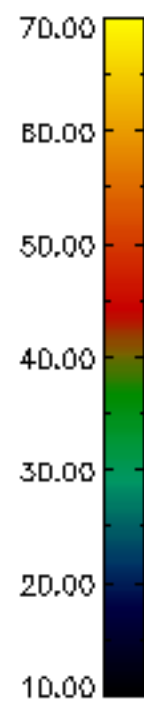
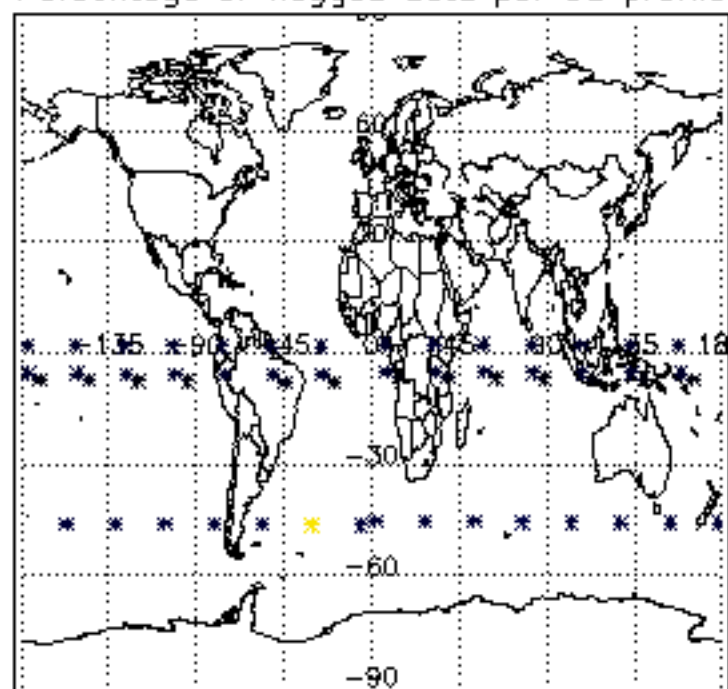




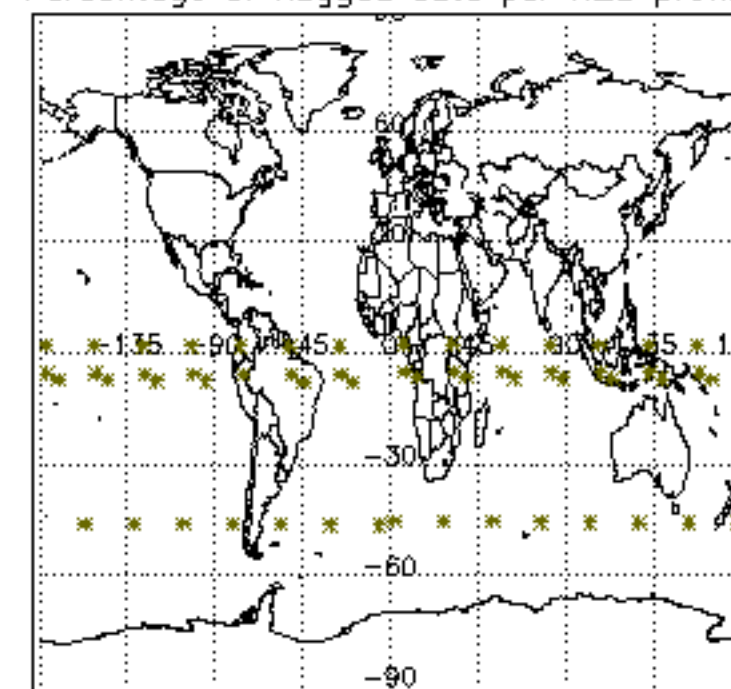




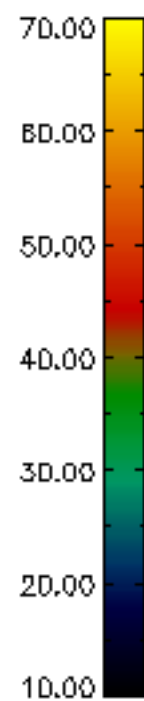
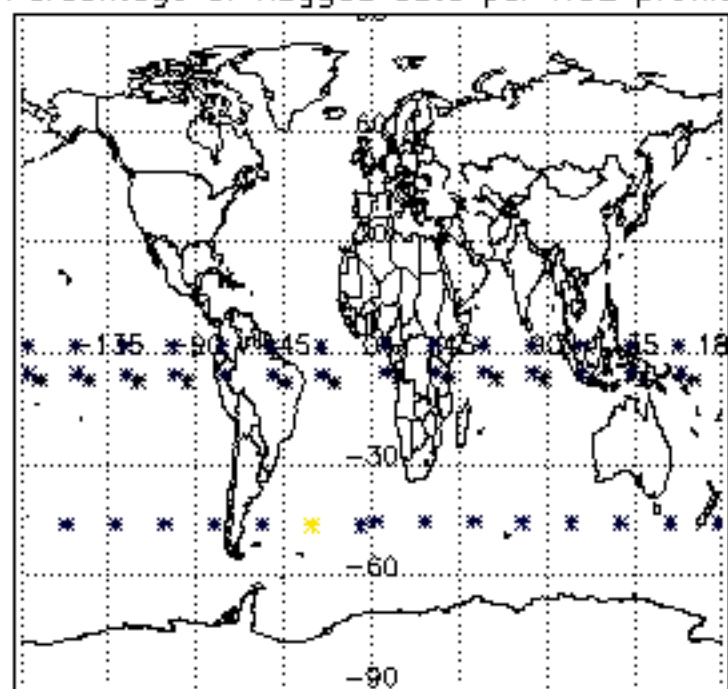
Percentage of flagged data per D3 profile



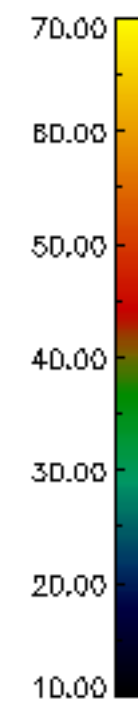
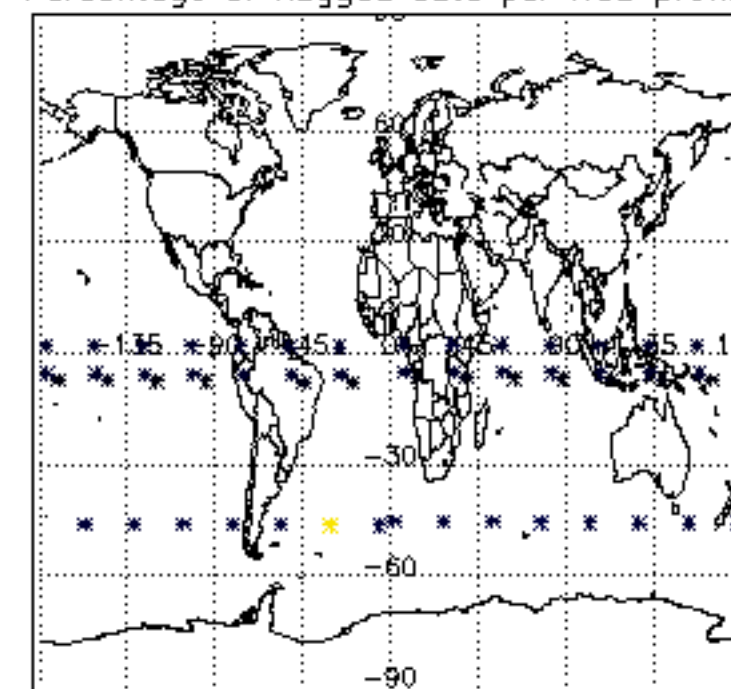
Percentage of flagged data per H2O profile

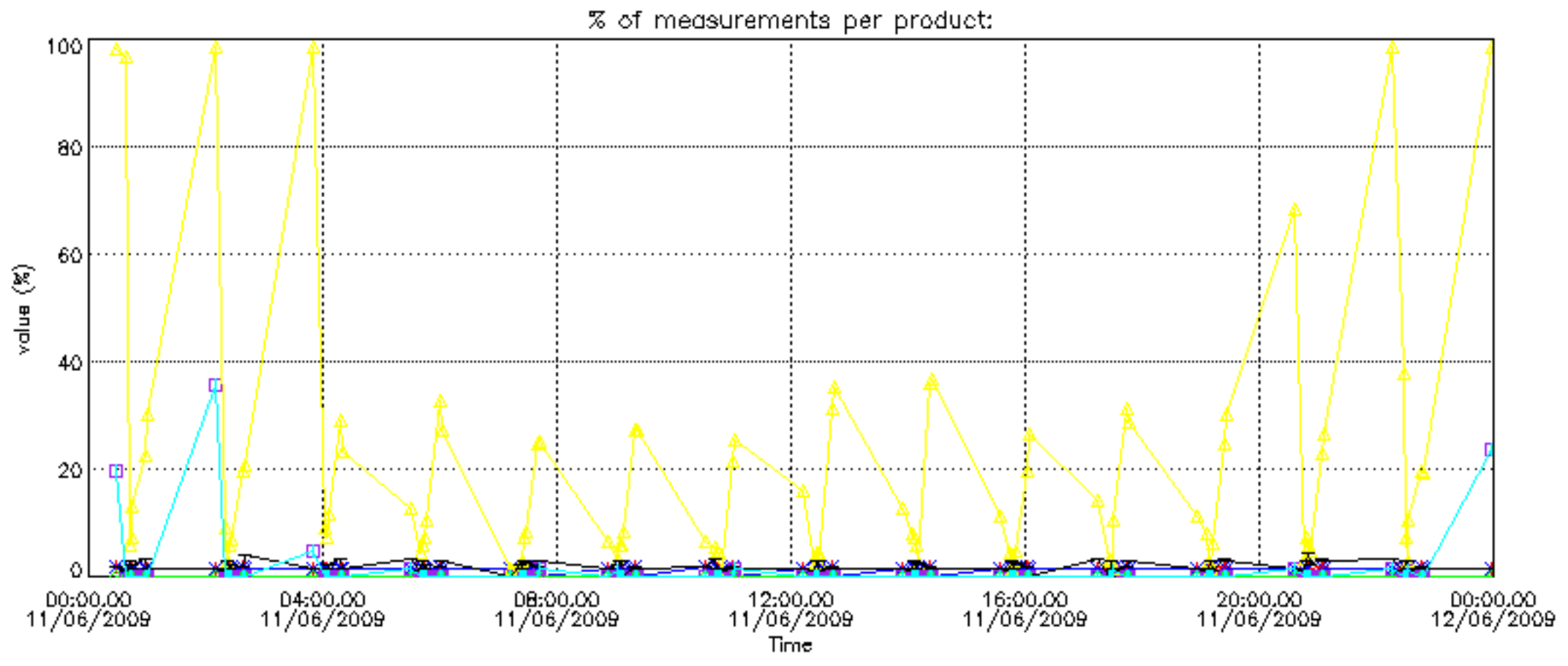


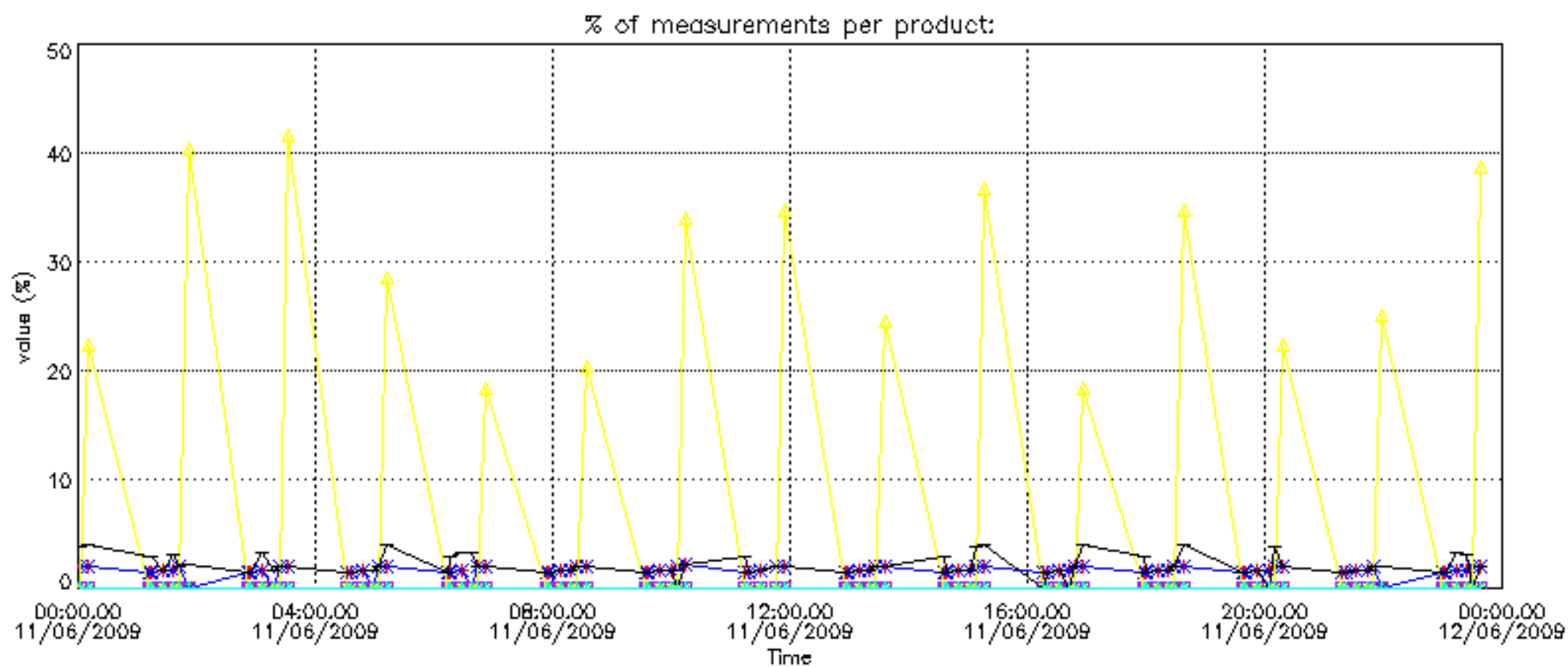
Percentage of flagged data per NO2 profile



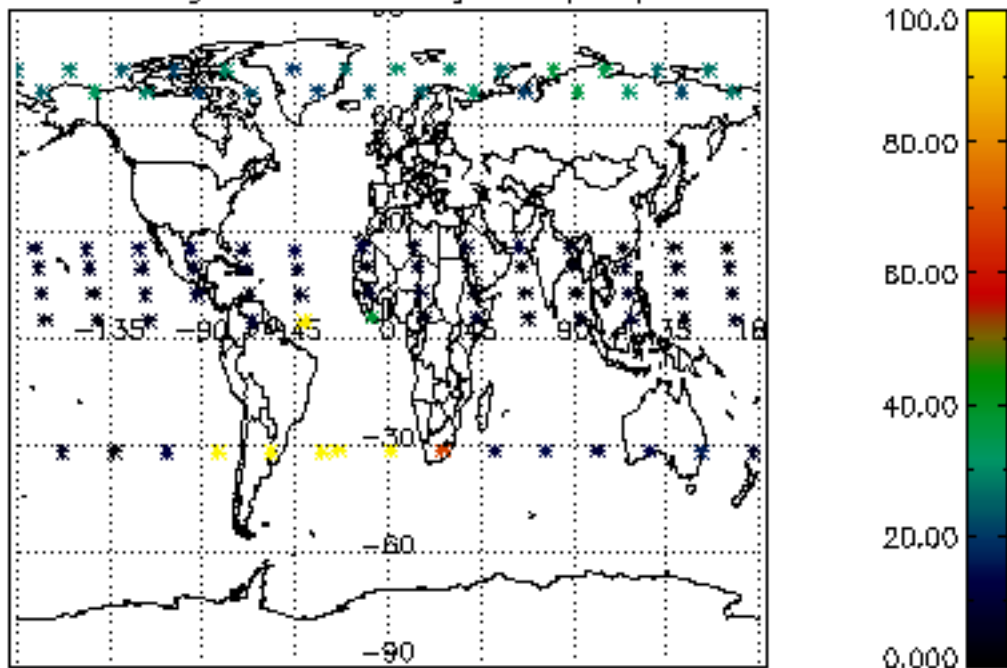
Percentage of flagged data per NO3 profile



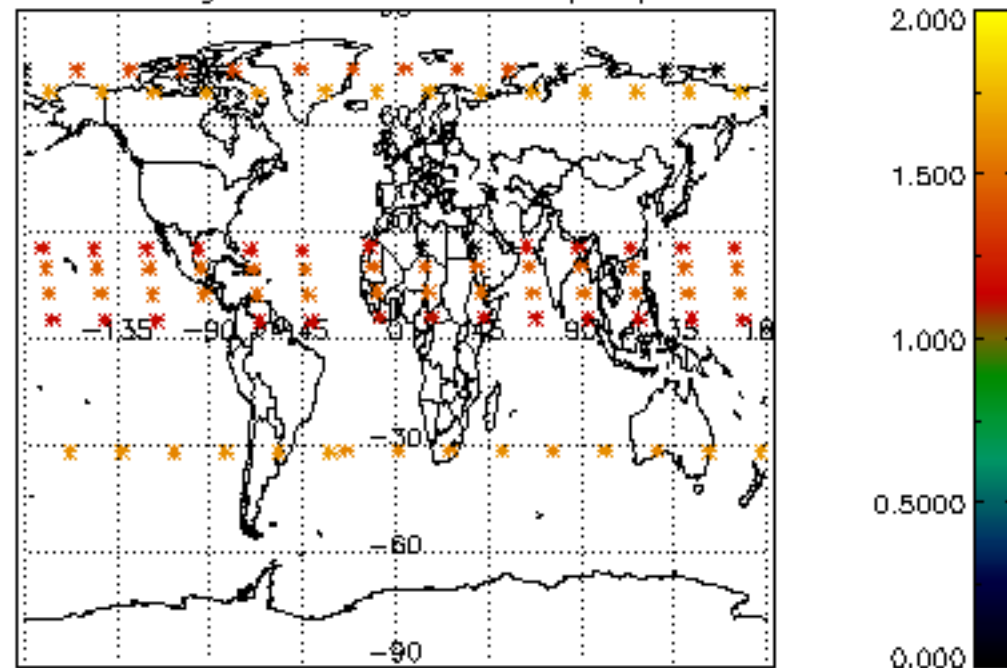




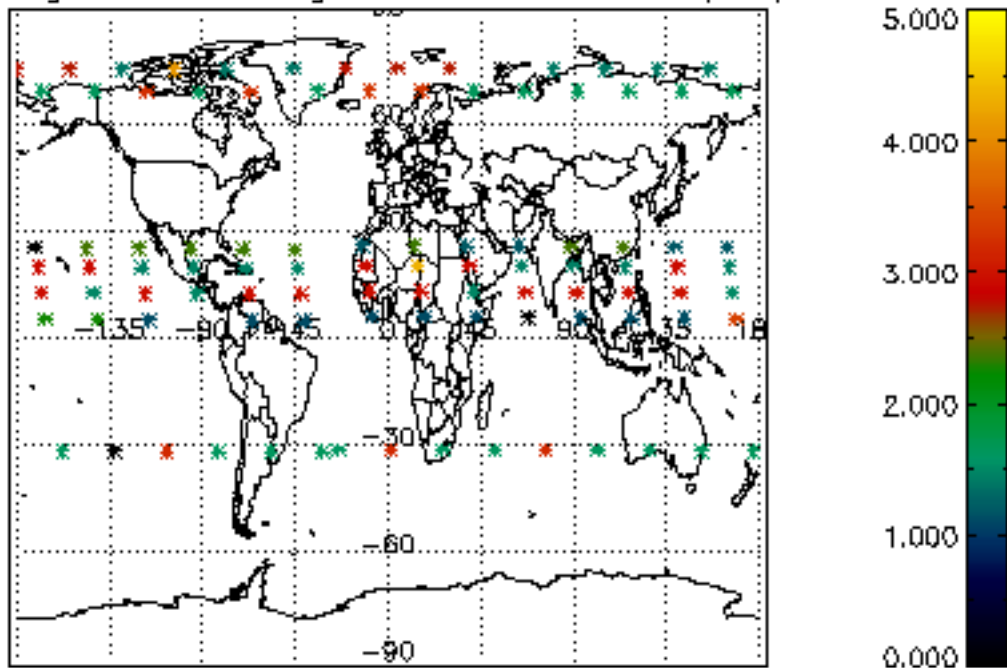
Percentage of cosmic ray hits per profile



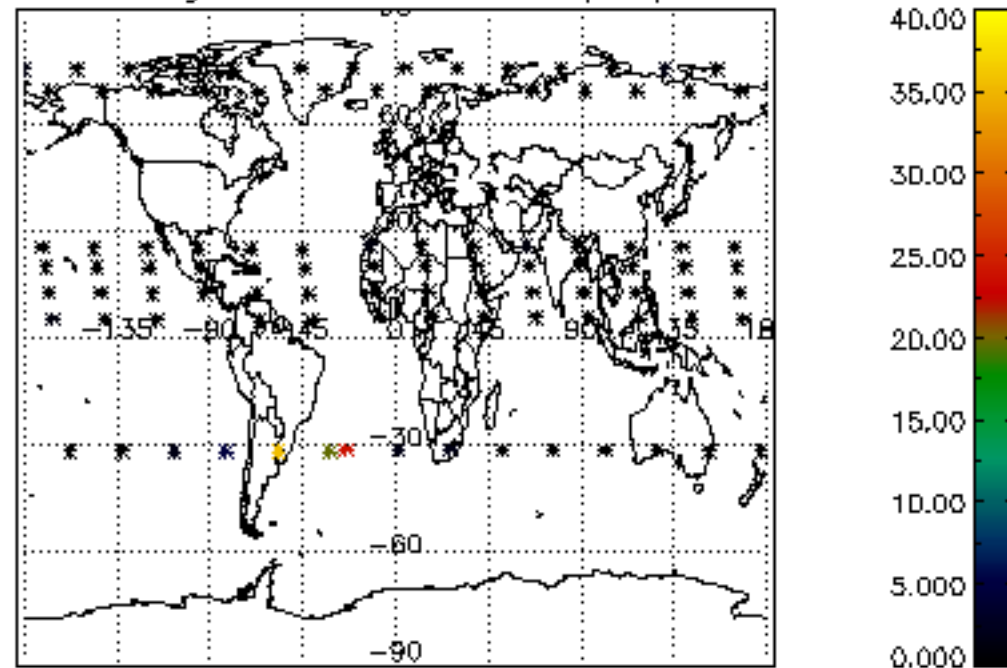
Percentage of datation errors per profile



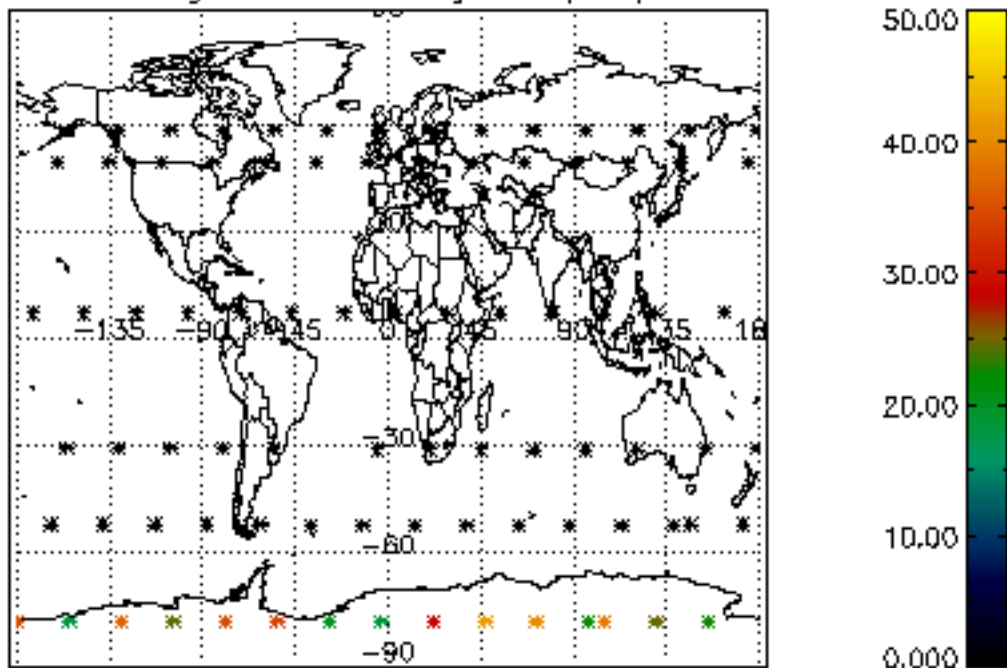
Percentage of star falling outside central band per profile



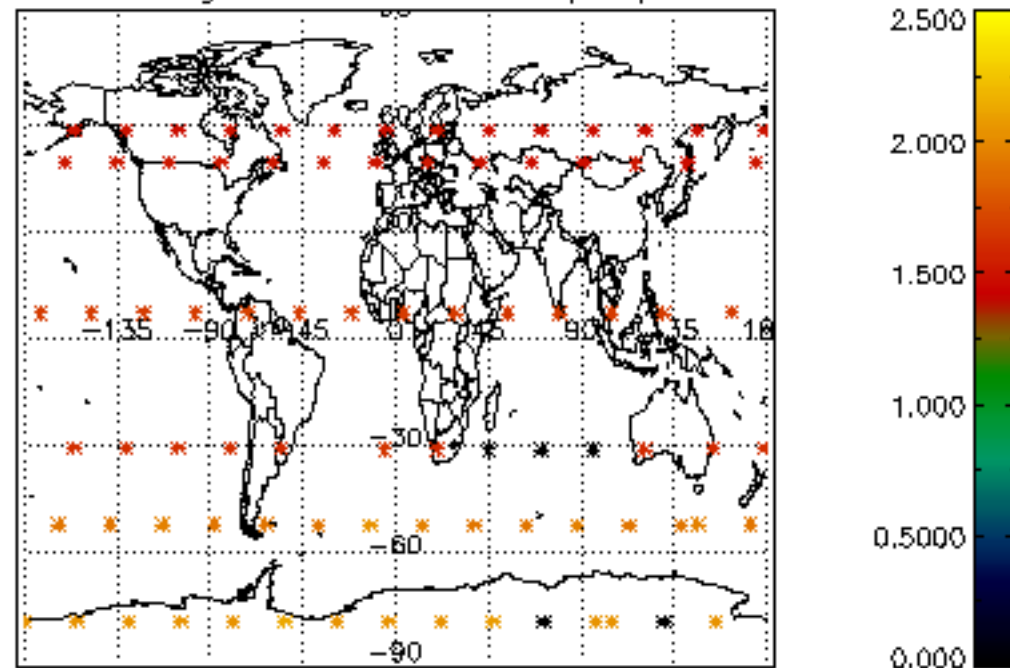
Percentage of saturation errors per profile



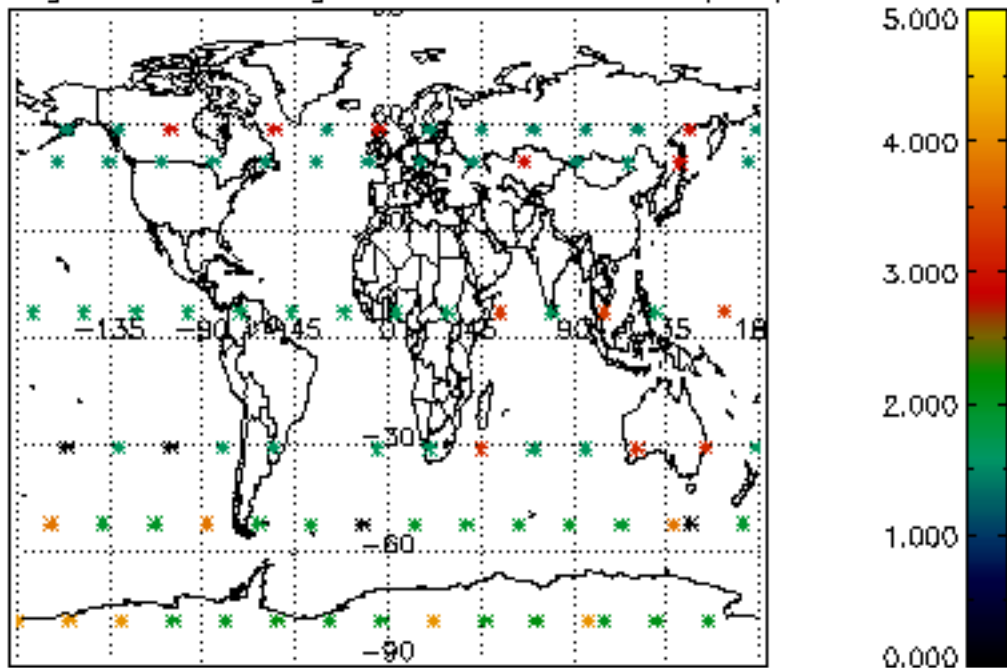
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

