

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 10:29:38
Data source version	GOMOS/6.01
Start time of products	02-07-2009 (02JUL2009 00:00:00)
Stop time of products	03-07-2009 (03JUL2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	185
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__2PRFIN20090702_000157_000000402080_00231_38361_7247.N1	02-JUL-2009 00:01:57	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	38361	No
2	GOM_NL__2PRFIN20090702_001418_000000452080_00231_38361_7248.N1	02-JUL-2009 00:14:18	Bright	45.000	168	17Zet Aql	2.9860	11000.	90	38361	No
3	GOM_NL__2PRFIN20090702_002118_000000502080_00231_38361_7249.N1	02-JUL-2009 00:21:18	Bright	50.000	5	3Alp Lyr	0.033000	11000.	100	38361	No
4	GOM_NL__2PRFIN20090702_002544_000000482080_00231_38361_7250.N1	02-JUL-2009 00:25:44	Bright	47.500	144	18Del Cyg	2.8600	11000.	95	38361	No
5	GOM_NL__2PRFIN20090702_003247_000000432080_00231_38361_7251.N1	02-JUL-2009 00:32:47	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38361	No
6	GOM_NL__2PRFIN20090702_004011_000000402080_00231_38361_7252.N1	02-JUL-2009 00:40:11	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	38361	No
7	GOM_NL__2PRFIN20090702_004146_000000352080_00231_38361_7253.N1	02-JUL-2009 00:41:46	Bright	35.000	110	37Del Cas	2.6780	8900.0	70	38361	No
8	GOM_NL__2PRFIN20090702_004819_000000362080_00231_38361_7254.N1	02-JUL-2009 00:48:19	Bright	35.500	73	57Gam1And	2.2600	13100.	71	38361	No
9	GOM_NL__2PRFIN20090702_005059_000000362080_00231_38361_7255.N1	02-JUL-2009 00:50:59	Twilight	36.000	173	4Bet Tri	3.0040	8900.0	72	38361	No
10	GOM_NL__2PRFIN20090702_005518_000000392080_00231_38361_7256.N1	02-JUL-2009 00:55:18	Dark	38.500	50	13Alp Ari	2.0070	4250.0	77	38361	No
11	GOM_NL__2PRFIN20090702_011942_000000502080_00232_38362_7260.N1	02-JUL-2009 01:19:42	Dark	49.500	84	Alp Phe	2.3970	4500.0	99	38362	No
12	GOM_NL__2PRFIN20090702_012610_000000632080_00232_38362_7261.N1	02-JUL-2009 01:26:10	Straylight	62.500	63	Bet Gru	2.1500	2800.0	125	38362	No
13	GOM_NL__2PRFIN20090702_012806_000000592080_00232_38362_7262.N1	02-JUL-2009 01:28:06	Straylight	59.000	31	Alp Gru	1.7340	15200.	118	38362	No
14	GOM_NL__2PRFIN20090702_013101_000000562080_00232_38362_7263.N1	02-JUL-2009 01:31:01	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	38362	No
15	GOM_NL__2PRFIN20090702_014233_000000462080_00232_38362_7264.N1	02-JUL-2009 01:42:33	Bright	45.500	155	41Pi Sgr	2.9000	6600.0	91	38362	No
16	GOM_NL__2PRFIN20090702_015453_000000452080_00232_38362_7265.N1	02-JUL-2009 01:54:53	Bright	44.500	168	17Zet Aql	2.9860	11000.	89	38362	No
17	GOM_NL__2PRFIN20090702_020153_000000472080_00232_38362_7266.N1	02-JUL-2009 02:01:53	Bright	47.000	5	3Alp Lyr	0.033000	11000.	94	38362	No
18	GOM_NL__2PRFIN20090702_020618_000000452080_00232_38362_7267.N1	02-JUL-2009 02:06:18	Bright	45.000	144	18Del Cyg	2.8600	11000.	90	38362	No
19	GOM_NL__2PRFIN20090702_021323_000000442080_00232_38362_7268.N1	02-JUL-2009 02:13:23	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	38362	No
20	GOM_NL__2PRFIN20090702_022046_000000432080_00232_38362_7269.N1	02-JUL-2009 02:20:46	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	38362	No
21	GOM_NL__2PRFIN20090702_022222_000000352080_00232_38362_7270.N1	02-JUL-2009 02:22:22	Bright	35.000	110	37Del Cas	2.6780	8900.0	70	38362	No
22	GOM_NL__2PRFIN20090702_022855_000000362080_00232_38362_7271.N1	02-JUL-2009 02:28:55	Bright	35.500	73	57Gam1And	2.2600	13100.	71	38362	No
23	GOM_NL__2PRFIN20090702_023135_000000382080_00232_38362_7272.N1	02-JUL-2009 02:31:35	Twilight	37.500	173	4Bet Tri	3.0040	8900.0	75	38362	No
24	GOM_NL__2PRFIN20090702_023554_000000412080_00232_38362_7273.N1	02-JUL-2009 02:35:54	Dark	40.500	50	13Alp Ari	2.0070	4250.0	81	38362	No
25	GOM_NL__2PRFIN20090702_030019_000000492080_00233_38363_7276.N1	02-JUL-2009 03:00:19	Dark	48.500	84	Alp Phe	2.3970	4500.0	97	38363	No
26	GOM_NL__2PRFIN20090702_030647_000000552080_00233_38363_7277.N1	02-JUL-2009 03:06:47	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	38363	No
27	GOM_NL__2PRFIN20090702_030842_000000532080_00233_38363_7278.N1	02-JUL-2009 03:08:42	Straylight	52.500	31	Alp Gru	1.7340	15200.	105	38363	No
28	GOM_NL__2PRFIN20090702_031139_000000582080_00233_38363_7279.N1	02-JUL-2009 03:11:39	Straylight	57.500	172	Gam Gru	3.0030	13100.	115	38363	No
29	GOM_NL__2PRFIN20090702_032309_000000512080_00233_38363_7280.N1	02-JUL-2009 03:23:09	Bright	51.000	155	41Pi Sgr	2.9000	6600.0	102	38363	No
30	GOM_NL__2PRFIN20090702_033528_000000702080_00233_38363_7281.N1	02-JUL-2009 03:35:28	Bright	70.000	168	17Zet Aql	2.9860	11000.	140	38363	No
31	GOM_NL__2PRFIN20090702_034229_000000412080_00233_38363_7282.N1	02-JUL-2009 03:42:29	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	38363	No
32	GOM_NL__2PRFIN20090702_034654_000000492080_00233_38363_7283.N1	02-JUL-2009 03:46:54	Bright	49.000	144	18Del Cyg	2.8600	11000.	98	38363	No
33	GOM_NL__2PRFIN20090702_035358_000000522080_00233_38363_7284.N1	02-JUL-2009 03:53:58	Bright	52.000	89	5Alp Cep	2.4510	8000.0	104	38363	No
34	GOM_NL__2PRFIN20090702_040122_000000462080_00233_38363_7285.N1	02-JUL-2009 04:01:22	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	38363	No
35	GOM_NL__2PRFIN20090702_040257_000000362080_00233_38363_7286.N1	02-JUL-2009 04:02:57	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	38363	No
36	GOM_NL__2PRFIN20090702_040931_000000382080_00233_38363_7287.N1	02-JUL-2009 04:09:31	Bright	37.500	73	57Gam1And	2.2600	13100.	75	38363	No
37	GOM_NL__2PRFIN20090702_041211_000000392080_00233_38363_7288.N1	02-JUL-2009 04:12:11	Twilight	38.500	173	4Bet Tri	3.0040	8900.0	77	38363	No
38	GOM_NL__2PRFIN20090702_041630_000000412080_00233_38363_7289.N1	02-JUL-2009 04:16:30	Dark	41.000	50	13Alp Ari	2.0070	4250.0	82	38363	No
39	GOM_NL__2PRFIN20090702_044057_000000592080_00234_38364_7310.N1	02-JUL-2009 04:40:57	Dark	59.000	84	Alp Phe	2.3970	4500.0	118	38364	No
40	GOM_NL__2PRFIN20090702_044724_000000522080_00234_38364_7311.N1	02-JUL-2009 04:47:24	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	38364	No
41	GOM_NL__2PRFIN20090702_044919_000000512080_00234_38364_7312.N1	02-JUL-2009 04:49:19	Straylight	51.000	31	Alp Gru	1.7340	15200.	102	38364	No
42	GOM_NL__2PRFIN20090702_045216_000000582080_00234_38364_7313.N1	02-JUL-2009 04:52:16	Straylight	58.000	172	Gam Gru	3.0030	13100.	116	38364	No

43	GOM_NL__2PRFIN20090702_050345_000000432080_00234_38364_7314.N1	02-JUL-2009 05:03:45	Bright	43.000	155	41Pi Sgr	2.9000	6600.0	86	38364	No
44	GOM_NL__2PRFIN20090702_051604_000000462080_00234_38364_7315.N1	02-JUL-2009 05:16:04	Bright	46.000	168	17Zet Aql	2.9860	11000.	92	38364	No
45	GOM_NL__2PRFIN20090702_052304_000000402080_00234_38364_7316.N1	02-JUL-2009 05:23:04	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	38364	No
46	GOM_NL__2PRFIN20090702_052729_000000492080_00234_38364_7317.N1	02-JUL-2009 05:27:29	Bright	48.500	144	18Del Cyg	2.8600	11000.	97	38364	No
47	GOM_NL__2PRFIN20090702_053433_000000442080_00234_38364_7318.N1	02-JUL-2009 05:34:33	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	38364	No
48	GOM_NL__2PRFIN20090702_054157_000000432080_00234_38364_7319.N1	02-JUL-2009 05:41:57	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	38364	No
49	GOM_NL__2PRFIN20090702_054333_000000362080_00234_38364_7320.N1	02-JUL-2009 05:43:33	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	38364	No
50	GOM_NL__2PRFIN20090702_055006_000000382080_00234_38364_7321.N1	02-JUL-2009 05:50:06	Bright	37.500	73	57Gam1And	2.2600	13100.	75	38364	No
51	GOM_NL__2PRFIN20090702_055247_000000372080_00234_38364_7322.N1	02-JUL-2009 05:52:47	Tw_i_and_stray	36.500	173	4Bet Tri	3.0040	8900.0	73	38364	No
52	GOM_NL__2PRFIN20090702_055707_000000412080_00234_38364_7323.N1	02-JUL-2009 05:57:07	Dark	41.000	50	13Alp Ari	2.0070	4250.0	82	38364	No
53	GOM_NL__2PRFIN20090702_062133_000000492080_00235_38365_7326.N1	02-JUL-2009 06:21:33	Dark	48.500	84	Alp Phe	2.3970	4500.0	97	38365	No
54	GOM_NL__2PRFIN20090702_062801_000000502080_00235_38365_7327.N1	02-JUL-2009 06:28:01	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	38365	No
55	GOM_NL__2PRFIN20090702_062956_000000582080_00235_38365_7328.N1	02-JUL-2009 06:29:56	Straylight	58.000	31	Alp Gru	1.7340	15200.	116	38365	No
56	GOM_NL__2PRFIN20090702_063253_000000572080_00235_38365_7329.N1	02-JUL-2009 06:32:53	Straylight	57.000	172	Gam Gru	3.0030	13100.	114	38365	No
57	GOM_NL__2PRFIN20090702_064421_000000442080_00235_38365_7330.N1	02-JUL-2009 06:44:21	Bright	44.000	155	41Pi Sgr	2.9000	6600.0	88	38365	No
58	GOM_NL__2PRFIN20090702_065639_000000492080_00235_38365_7331.N1	02-JUL-2009 06:56:39	Bright	49.000	168	17Zet Aql	2.9860	11000.	98	38365	No
59	GOM_NL__2PRFIN20090702_070340_000000462080_00235_38365_7332.N1	02-JUL-2009 07:03:40	Bright	45.500	5	3Alp Lyr	0.033000	11000.	91	38365	No
60	GOM_NL__2PRFIN20090702_070804_000000502080_00235_38365_7333.N1	02-JUL-2009 07:08:04	Bright	49.500	144	18Del Cyg	2.8600	11000.	99	38365	No
61	GOM_NL__2PRFIN20090702_071508_000000442080_00235_38365_7334.N1	02-JUL-2009 07:15:08	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38365	No
62	GOM_NL__2PRFIN20090702_072233_000000422080_00235_38365_7335.N1	02-JUL-2009 07:22:33	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	38365	No
63	GOM_NL__2PRFIN20090702_072409_000000372080_00235_38365_7336.N1	02-JUL-2009 07:24:09	Bright	36.500	110	37Del Cas	2.6780	8900.0	73	38365	No
64	GOM_NL__2PRFIN20090702_073042_000000372080_00235_38365_7337.N1	02-JUL-2009 07:30:42	Bright	37.000	73	57Gam1And	2.2600	13100.	74	38365	No
65	GOM_NL__2PRFIN20090702_073323_000000382080_00235_38365_7338.N1	02-JUL-2009 07:33:23	Tw_i_and_stray	37.500	173	4Bet Tri	3.0040	8900.0	75	38365	No
66	GOM_NL__2PRFIN20090702_073743_000000412080_00235_38365_7339.N1	02-JUL-2009 07:37:43	Dark	41.000	50	13Alp Ari	2.0070	4250.0	82	38365	No
67	GOM_NL__2PRFIN20090702_080211_000000502080_00236_38366_7344.N1	02-JUL-2009 08:02:11	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	38366	No
68	GOM_NL__2PRFIN20090702_080838_000000522080_00236_38366_7345.N1	02-JUL-2009 08:08:38	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	38366	No
69	GOM_NL__2PRFIN20090702_081033_000000512080_00236_38366_7346.N1	02-JUL-2009 08:10:33	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	38366	No
70	GOM_NL__2PRFIN20090702_081330_000000572080_00236_38366_7347.N1	02-JUL-2009 08:13:30	Straylight	57.000	172	Gam Gru	3.0030	13100.	114	38366	No
71	GOM_NL__2PRFIN20090702_082457_000000442080_00236_38366_7348.N1	02-JUL-2009 08:24:57	Bright	43.500	155	41Pi Sgr	2.9000	6600.0	87	38366	No
72	GOM_NL__2PRFIN20090702_083715_000000462080_00236_38366_7349.N1	02-JUL-2009 08:37:15	Bright	46.000	168	17Zet Aql	2.9860	11000.	92	38366	No
73	GOM_NL__2PRFIN20090702_084416_000000462080_00236_38366_7350.N1	02-JUL-2009 08:44:16	Bright	45.500	5	3Alp Lyr	0.033000	11000.	91	38366	No
74	GOM_NL__2PRFIN20090702_084839_000000492080_00236_38366_7351.N1	02-JUL-2009 08:48:39	Bright	49.000	144	18Del Cyg	2.8600	11000.	98	38366	No
75	GOM_NL__2PRFIN20090702_085544_000000462080_00236_38366_7352.N1	02-JUL-2009 08:55:44	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	38366	No
76	GOM_NL__2PRFIN20090702_090308_000000422080_00236_38366_7353.N1	02-JUL-2009 09:03:08	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	38366	No
77	GOM_NL__2PRFIN20090702_090444_000000362080_00236_38366_7354.N1	02-JUL-2009 09:04:44	Bright	36.000	110	37Del Cas	2.6780	8900.0	72	38366	No
78	GOM_NL__2PRFIN20090702_091118_000000372080_00236_38366_7355.N1	02-JUL-2009 09:11:18	Bright	36.500	73	57Gam1And	2.2600	13100.	73	38366	No
79	GOM_NL__2PRFIN20090702_091359_000000372080_00236_38366_7356.N1	02-JUL-2009 09:13:59	Tw_i_and_stray	37.000	173	4Bet Tri	3.0040	8900.0	74	38366	No
80	GOM_NL__2PRFIN20090702_091819_000000402080_00236_38366_7357.N1	02-JUL-2009 09:18:19	Dark	40.000	50	13Alp Ari	2.0070	4250.0	80	38366	No
81	GOM_NL__2PRFIN20090702_094248_000000482080_00237_38367_7358.N1	02-JUL-2009 09:42:48	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	38367	No
82	GOM_NL__2PRFIN20090702_094915_000000682080_00237_38367_7359.N1	02-JUL-2009 09:49:15	Straylight	68.000	63	Bet Gru	2.1500	2800.0	136	38367	No
83	GOM_NL__2PRFIN20090702_095110_000000522080_00237_38367_7360.N1	02-JUL-2009 09:51:10	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	38367	No
84	GOM_NL__2PRFIN20090702_095406_000000582080_00237_38367_7361.N1	02-JUL-2009 09:54:06	Straylight	58.000	172	Gam Gru	3.0030	13100.	116	38367	No
85	GOM_NL__2PRFIN20090702_100534_000000422080_00237_38367_7362.N1	02-JUL-2009 10:05:34	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	38367	No
86	GOM_NL__2PRFIN20090702_101750_000000462080_00237_38367_7363.N1	02-JUL-2009 10:17:50	Bright	46.000	168	17Zet Aql	2.9860	11000.	92	38367	No
87	GOM_NL__2PRFIN20090702_102451_000000452080_00237_38367_7364.N1	02-JUL-2009 10:24:51	Bright	45.000	5	3Alp Lyr	0.033000	11000.	90	38367	No
88	GOM_NL__2PRFIN20090702_102914_000000512080_00237_38367_7365.N1	02-JUL-2009 10:29:14	Bright	50.500	144	18Del Cyg	2.8600	11000.	101	38367	No
89	GOM_NL__2PRFIN20090702_103619_000000442080_00237_38367_7366.N1	02-JUL-2009 10:36:19	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38367	No
90	GOM_NL__2PRFIN20090702_104343_000000422080_00237_38367_7367.N1	02-JUL-2009 10:43:43	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	38367	No
91	GOM_NL__2PRFIN20090702_104520_000000372080_00237_38367_7368.N1	02-JUL-2009 10:45:20	Bright	36.500	110	37Del Cas	2.6780	8900.0	73	38367	No
92	GOM_NL__2PRFIN20090702_105154_000000372080_00237_38367_7369.N1	02-JUL-2009 10:51:54	Bright	37.000	73	57Gam1And	2.2600	13100.	74	38367	No
93	GOM_NL__2PRFIN20090702_105435_000000372080_00237_38367_7370.N1	02-JUL-2009 10:54:35	Tw_i_and_stray	37.000	173	4Bet Tri	3.0040	8900.0	74	38367	No
94	GOM_NL__2PRFIN20090702_105856_000000412080_00237_38367_7371.N1	02-JUL-2009 10:58:56	Dark	41.000	50	13Alp Ari	2.0070	4250.0	82	38367	No
95	GOM_NL__2PRFIN20090702_112324_000000492080_00238_38368_7372.N1	02-JUL-2009 11:23:24	Dark	49.000	84	Alp Phe	2.3970	4500.0	98	38368	No
96	GOM_NL__2PRFIN20090702_112952_000000682080_00238_38368_7373.N1	02-JUL-2009 11:29:52	Straylight	68.000	63	Bet Gru	2.1500	2800.0	136	38368	No
97	GOM_NL__2PRFIN20090702_113147_000000602080_00238_38368_7374.N1	02-JUL-2009 11:31:47	Straylight	60.000	31	Alp Gru	1.7340	15200.	120	38368	No
98	GOM_NL__2PRFIN20090702_113444_000000572080_00238_38368_7375.N1	02-JUL-2009 11:34:44	Straylight	57.000	172	Gam Gru	3.0030	13100.	114	38368	No
99	GOM_NL__2PRFIN20090702_114610_000000472080_00238_38368_7376.N1	02-JUL-2009 11:46:10	Bright	47.000	155	41Pi Sgr	2.9000	6600.0	94	38368	No
100	GOM_NL__2PRFIN20090702_115825_000000482080_00238_38368_7377.N1	02-JUL-2009 11:58:25	Bright	47.500	168	17Zet Aql	2.9860	11000.	95	38368	No
101	GOM_NL__2PRFIN20090702_120526_000000462080_00238_38368_7378.N1	02-JUL-2009 12:05:26	Bright	45.500	5	3Alp Lyr	0.033000	11000.	91	38368	No

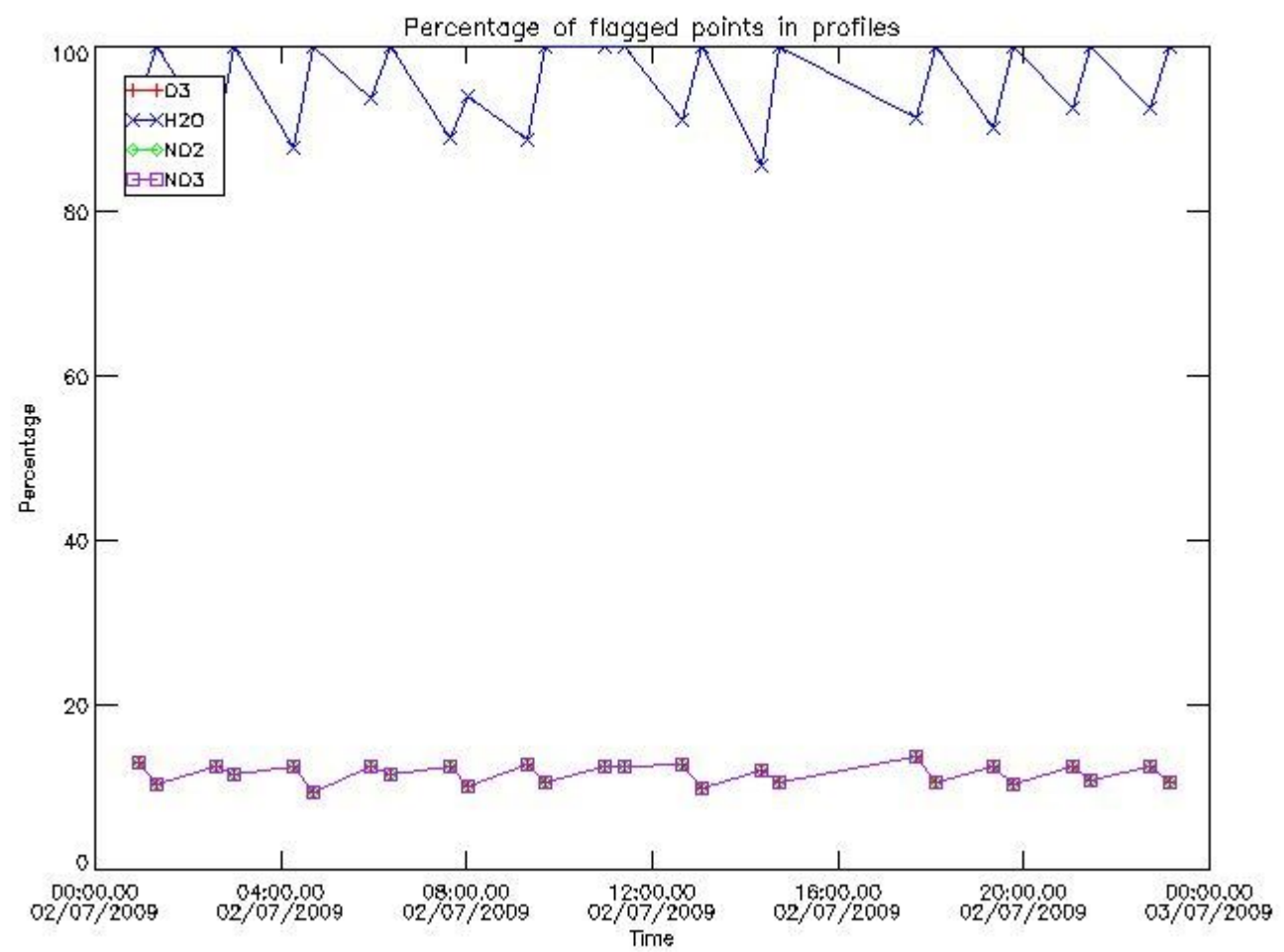
102	GOM_NL__2PRFIN20090702_120949_000000492080_00238_38368_7379.N1	02-JUL-2009 12:09:49	Bright	49.000	144	18Del Cyg	2.8600	11000.	98	38368	No
103	GOM_NL__2PRFIN20090702_121654_000000462080_00238_38368_7380.N1	02-JUL-2009 12:16:54	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	38368	No
104	GOM_NL__2PRFIN20090702_122418_000000422080_00238_38368_7381.N1	02-JUL-2009 12:24:18	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	38368	No
105	GOM_NL__2PRFIN20090702_122556_000000362080_00238_38368_7382.N1	02-JUL-2009 12:25:56	Bright	36.000	110	37Del Cas	2.6780	8900.0	72	38368	No
106	GOM_NL__2PRFIN20090702_123230_000000382080_00238_38368_7383.N1	02-JUL-2009 12:32:30	Bright	38.000	73	57Gam1And	2.2600	13100.	76	38368	No
107	GOM_NL__2PRFIN20090702_123511_000000372080_00238_38368_7384.N1	02-JUL-2009 12:35:11	Tw_i_and_stray	37.000	173	4Bet Tri	3.0040	8900.0	74	38368	No
108	GOM_NL__2PRFIN20090702_123932_000000402080_00238_38368_7385.N1	02-JUL-2009 12:39:32	Dark	40.000	50	13Alp Ari	2.0070	4250.0	80	38368	No
109	GOM_NL__2PRFIN20090702_130401_000000522080_00239_38369_7386.N1	02-JUL-2009 13:04:01	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	38369	No
110	GOM_NL__2PRFIN20090702_131029_000000512080_00239_38369_7387.N1	02-JUL-2009 13:10:29	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	38369	No
111	GOM_NL__2PRFIN20090702_131223_000000502080_00239_38369_7388.N1	02-JUL-2009 13:12:23	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	38369	No
112	GOM_NL__2PRFIN20090702_132646_000000442080_00239_38369_7389.N1	02-JUL-2009 13:26:46	Bright	43.500	155	41Pi Sgr	2.9000	6600.0	87	38369	No
113	GOM_NL__2PRFIN20090702_133901_000000492080_00239_38369_7390.N1	02-JUL-2009 13:39:01	Bright	49.000	168	17Zet Aql	2.9860	11000.	98	38369	No
114	GOM_NL__2PRFIN20090702_134602_000000432080_00239_38369_7391.N1	02-JUL-2009 13:46:02	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	38369	No
115	GOM_NL__2PRFIN20090702_135024_000000502080_00239_38369_7392.N1	02-JUL-2009 13:50:24	Bright	50.000	144	18Del Cyg	2.8600	11000.	100	38369	No
116	GOM_NL__2PRFIN20090702_135729_000000432080_00239_38369_7393.N1	02-JUL-2009 13:57:29	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38369	No
117	GOM_NL__2PRFIN20090702_140454_000000412080_00239_38369_7394.N1	02-JUL-2009 14:04:54	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	38369	No
118	GOM_NL__2PRFIN20090702_140631_000000362080_00239_38369_7395.N1	02-JUL-2009 14:06:31	Bright	36.000	110	37Del Cas	2.6780	8900.0	72	38369	No
119	GOM_NL__2PRFIN20090702_141306_000000372080_00239_38369_7396.N1	02-JUL-2009 14:13:06	Bright	36.500	73	57Gam1And	2.2600	13100.	73	38369	No
120	GOM_NL__2PRFIN20090702_141547_000000372080_00239_38369_7397.N1	02-JUL-2009 14:15:47	Tw_i_and_stray	37.000	173	4Bet Tri	3.0040	8900.0	74	38369	No
121	GOM_NL__2PRFIN20090702_142008_000000422080_00239_38369_7398.N1	02-JUL-2009 14:20:08	Dark	42.000	50	13Alp Ari	2.0070	4250.0	84	38369	No
122	GOM_NL__2PRFIN20090702_144438_000000532080_00240_38370_7400.N1	02-JUL-2009 14:44:38	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	38370	No
123	GOM_NL__2PRFIN20090702_145106_000000542080_00240_38370_7401.N1	02-JUL-2009 14:51:06	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	38370	No
124	GOM_NL__2PRFIN20090702_145300_000000492080_00240_38370_7402.N1	02-JUL-2009 14:53:00	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	38370	No
125	GOM_NL__2PRFIN20090702_145557_000000582080_00240_38370_7403.N1	02-JUL-2009 14:55:57	Straylight	57.500	172	Gam Gru	3.0030	13100.	115	38370	No
126	GOM_NL__2PRFIN20090702_164758_000000482080_00241_38371_7414.N1	02-JUL-2009 16:47:58	Bright	47.500	155	41Pi Sgr	2.9000	6600.0	95	38371	No
127	GOM_NL__2PRFIN20090702_170012_000000562080_00241_38371_7415.N1	02-JUL-2009 17:00:12	Bright	56.000	168	17Zet Aql	2.9860	11000.	112	38371	No
128	GOM_NL__2PRFIN20090702_170713_000000452080_00241_38371_7416.N1	02-JUL-2009 17:07:13	Bright	44.500	5	3Alp Lyr	0.033000	11000.	89	38371	No
129	GOM_NL__2PRFIN20090702_171134_000000502080_00241_38371_7417.N1	02-JUL-2009 17:11:34	Bright	50.000	144	18Del Cyg	2.8600	11000.	100	38371	No
130	GOM_NL__2PRFIN20090702_171840_000000452080_00241_38371_7418.N1	02-JUL-2009 17:18:40	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	38371	No
131	GOM_NL__2PRFIN20090702_172605_000000422080_00241_38371_7419.N1	02-JUL-2009 17:26:05	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	38371	No
132	GOM_NL__2PRFIN20090702_172743_000000372080_00241_38371_7420.N1	02-JUL-2009 17:27:43	Bright	36.500	110	37Del Cas	2.6780	8900.0	73	38371	No
133	GOM_NL__2PRFIN20090702_173417_000000382080_00241_38371_7421.N1	02-JUL-2009 17:34:17	Bright	37.500	73	57Gam1And	2.2600	13100.	75	38371	No
134	GOM_NL__2PRFIN20090702_173659_000000382080_00241_38371_7422.N1	02-JUL-2009 17:36:59	Tw_i_and_stray	37.500	173	4Bet Tri	3.0040	8900.0	75	38371	No
135	GOM_NL__2PRFIN20090702_174121_000000412080_00241_38371_7423.N1	02-JUL-2009 17:41:21	Dark	40.500	50	13Alp Ari	2.0070	4250.0	81	38371	No
136	GOM_NL__2PRFIN20090702_180552_000000482080_00242_38372_7430.N1	02-JUL-2009 18:05:52	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	38372	No
137	GOM_NL__2PRFIN20090702_181220_000000522080_00242_38372_7431.N1	02-JUL-2009 18:12:20	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	38372	No
138	GOM_NL__2PRFIN20090702_181414_000000492080_00242_38372_7432.N1	02-JUL-2009 18:14:14	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	38372	No
139	GOM_NL__2PRFIN20090702_181711_000000572080_00242_38372_7433.N1	02-JUL-2009 18:17:11	Straylight	56.500	172	Gam Gru	3.0030	13100.	113	38372	No
140	GOM_NL__2PRFIN20090702_182834_000000412080_00242_38372_7434.N1	02-JUL-2009 18:28:34	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	38372	No
141	GOM_NL__2PRFIN20090702_184047_000000472080_00242_38372_7435.N1	02-JUL-2009 18:40:47	Bright	46.500	168	17Zet Aql	2.9860	11000.	93	38372	No
142	GOM_NL__2PRFIN20090702_184748_000000412080_00242_38372_7436.N1	02-JUL-2009 18:47:48	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	38372	No
143	GOM_NL__2PRFIN20090702_185210_000000502080_00242_38372_7437.N1	02-JUL-2009 18:52:10	Bright	50.000	144	18Del Cyg	2.8600	11000.	100	38372	No
144	GOM_NL__2PRFIN20090702_185915_000000442080_00242_38372_7438.N1	02-JUL-2009 18:59:15	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38372	No
145	GOM_NL__2PRFIN20090702_190640_000000422080_00242_38372_7439.N1	02-JUL-2009 19:06:40	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	38372	No
146	GOM_NL__2PRFIN20090702_190818_000000372080_00242_38372_7440.N1	02-JUL-2009 19:08:18	Bright	37.000	110	37Del Cas	2.6780	8900.0	74	38372	No
147	GOM_NL__2PRFIN20090702_191453_000000392080_00242_38372_7441.N1	02-JUL-2009 19:14:53	Bright	38.500	73	57Gam1And	2.2600	13100.	77	38372	No
148	GOM_NL__2PRFIN20090702_191735_000000382080_00242_38372_7442.N1	02-JUL-2009 19:17:35	Tw_i_and_stray	38.000	173	4Bet Tri	3.0040	8900.0	76	38372	No
149	GOM_NL__2PRFIN20090702_192157_000000412080_00242_38372_7443.N1	02-JUL-2009 19:21:57	Dark	41.000	50	13Alp Ari	2.0070	4250.0	82	38372	No
150	GOM_NL__2PRFIN20090702_194629_000000492080_00243_38373_7450.N1	02-JUL-2009 19:46:29	Dark	49.000	84	Alp Phe	2.3970	4500.0	98	38373	No
151	GOM_NL__2PRFIN20090702_195257_000000492080_00243_38373_7451.N1	02-JUL-2009 19:52:57	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	38373	No
152	GOM_NL__2PRFIN20090702_195451_000000482080_00243_38373_7452.N1	02-JUL-2009 19:54:51	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	38373	No
153	GOM_NL__2PRFIN20090702_195748_000000552080_00243_38373_7453.N1	02-JUL-2009 19:57:48	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	38373	No
154	GOM_NL__2PRFIN20090702_200910_000000492080_00243_38373_7454.N1	02-JUL-2009 20:09:10	Bright	49.000	155	41Pi Sgr	2.9000	6600.0	98	38373	No
155	GOM_NL__2PRFIN20090702_202123_000000452080_00243_38373_7455.N1	02-JUL-2009 20:21:23	Bright	45.000	168	17Zet Aql	2.9860	11000.	90	38373	No
156	GOM_NL__2PRFIN20090702_202824_000000462080_00243_38373_7456.N1	02-JUL-2009 20:28:24	Bright	45.500	5	3Alp Lyr	0.033000	11000.	91	38373	No
157	GOM_NL__2PRFIN20090702_203245_000000502080_00243_38373_7457.N1	02-JUL-2009 20:32:45	Bright	49.500	144	18Del Cyg	2.8600	11000.	99	38373	No
158	GOM_NL__2PRFIN20090702_203950_000000422080_00243_38373_7458.N1	02-JUL-2009 20:39:50	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	38373	No
159	GOM_NL__2PRFIN20090702_204715_000000432080_00243_38373_7459.N1	02-JUL-2009 20:47:15	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	38373	No
160	GOM_NL__2PRFIN20090702_204854_000000372080_00243_38373_7460.N1	02-JUL-2009 20:48:54	Bright	36.500	110	37Del Cas	2.6780	8900.0	73	38373	No

161	GOM_NL__2PRFIN20090702_205529_000000382080_00243_38373_7461.N1	02-JUL-2009 20:55:29	Bright	37.500	73	57Gam1And	2.2600	13100.	75	38373	No
162	GOM_NL__2PRFIN20090702_205811_000000382080_00243_38373_7462.N1	02-JUL-2009 20:58:11	Twilight	38.000	173	4Bet Tri	3.0040	8900.0	76	38373	No
163	GOM_NL__2PRFIN20090702_210233_000000402080_00243_38373_7463.N1	02-JUL-2009 21:02:33	Dark	40.000	50	13Alp Ari	2.0070	4250.0	80	38373	No
164	GOM_NL__2PRFIN20090702_212706_000000612080_00244_38374_7484.N1	02-JUL-2009 21:27:06	Dark	60.500	84	Alp Phe	2.3970	4500.0	121	38374	No
165	GOM_NL__2PRFIN20090702_213333_000000522080_00244_38374_7485.N1	02-JUL-2009 21:33:33	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	38374	No
166	GOM_NL__2PRFIN20090702_213527_000000512080_00244_38374_7486.N1	02-JUL-2009 21:35:27	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	38374	No
167	GOM_NL__2PRFIN20090702_213825_000000562080_00244_38374_7487.N1	02-JUL-2009 21:38:25	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	38374	No
168	GOM_NL__2PRFIN20090702_214946_000000442080_00244_38374_7488.N1	02-JUL-2009 21:49:46	Bright	43.500	155	41Pi Sgr	2.9000	6600.0	87	38374	No
169	GOM_NL__2PRFIN20090702_220158_000000692080_00244_38374_7489.N1	02-JUL-2009 22:01:58	Bright	69.000	168	17Zet Aql	2.9860	11000.	138	38374	No
170	GOM_NL__2PRFIN20090702_220859_000000422080_00244_38374_7490.N1	02-JUL-2009 22:08:59	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	38374	No
171	GOM_NL__2PRFIN20090702_221320_000000482080_00244_38374_7491.N1	02-JUL-2009 22:13:20	Bright	47.500	144	18Del Cyg	2.8600	11000.	95	38374	No
172	GOM_NL__2PRFIN20090702_222026_000000612080_00244_38374_7492.N1	02-JUL-2009 22:20:26	Bright	60.500	89	5Alp Cep	2.4510	8000.0	121	38374	No
173	GOM_NL__2PRFIN20090702_222751_000000432080_00244_38374_7493.N1	02-JUL-2009 22:27:51	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	38374	No
174	GOM_NL__2PRFIN20090702_222929_000000372080_00244_38374_7494.N1	02-JUL-2009 22:29:29	Bright	37.000	110	37Del Cas	2.6780	8900.0	74	38374	No
175	GOM_NL__2PRFIN20090702_223605_000000382080_00244_38374_7495.N1	02-JUL-2009 22:36:05	Bright	37.500	73	57Gam1And	2.2600	13100.	75	38374	No
176	GOM_NL__2PRFIN20090702_223847_000000372080_00244_38374_7496.N1	02-JUL-2009 22:38:47	Twilight	37.000	173	4Bet Tri	3.0040	8900.0	74	38374	No
177	GOM_NL__2PRFIN20090702_224309_000000412080_00244_38374_7497.N1	02-JUL-2009 22:43:09	Dark	40.500	50	13Alp Ari	2.0070	4250.0	81	38374	No
178	GOM_NL__2PRFIN20090702_230743_000000482080_00245_38375_7501.N1	02-JUL-2009 23:07:43	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	38375	No
179	GOM_NL__2PRFIN20090702_231410_000000642080_00245_38375_7502.N1	02-JUL-2009 23:14:10	Straylight	64.000	63	Bet Gru	2.1500	2800.0	128	38375	No
180	GOM_NL__2PRFIN20090702_231604_000000512080_00245_38375_7503.N1	02-JUL-2009 23:16:04	Straylight	51.000	31	Alp Gru	1.7340	15200.	102	38375	No
181	GOM_NL__2PRFIN20090702_231902_000000562080_00245_38375_7504.N1	02-JUL-2009 23:19:02	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	38375	No
182	GOM_NL__2PRFIN20090702_233022_000000422080_00245_38375_7505.N1	02-JUL-2009 23:30:22	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	38375	No
183	GOM_NL__2PRFIN20090702_234233_000000452080_00245_38375_7506.N1	02-JUL-2009 23:42:33	Bright	45.000	168	17Zet Aql	2.9860	11000.	90	38375	No
184	GOM_NL__2PRFIN20090702_234935_000000452080_00245_38375_7507.N1	02-JUL-2009 23:49:35	Bright	44.500	5	3Alp Lyr	0.033000	11000.	89	38375	No
185	GOM_NL__2PRFIN20090702_235355_000000472080_00245_38375_7508.N1	02-JUL-2009 23:53:55	Bright	47.000	144	18Del Cyg	2.8600	11000.	94	38375	No

3. Quality information per product

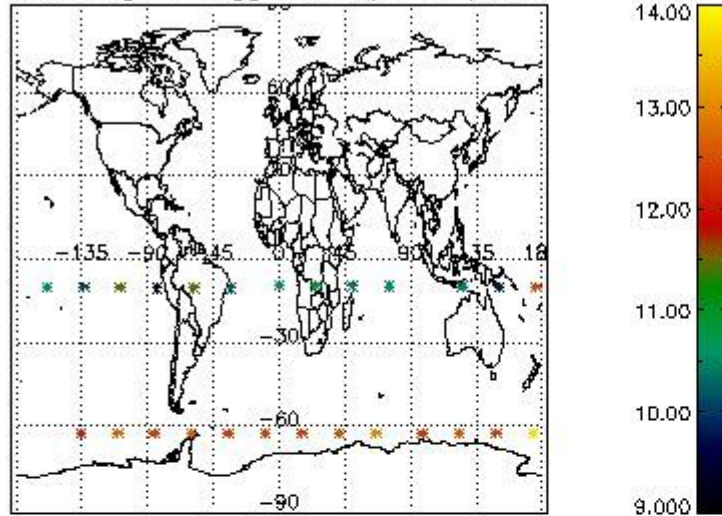
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

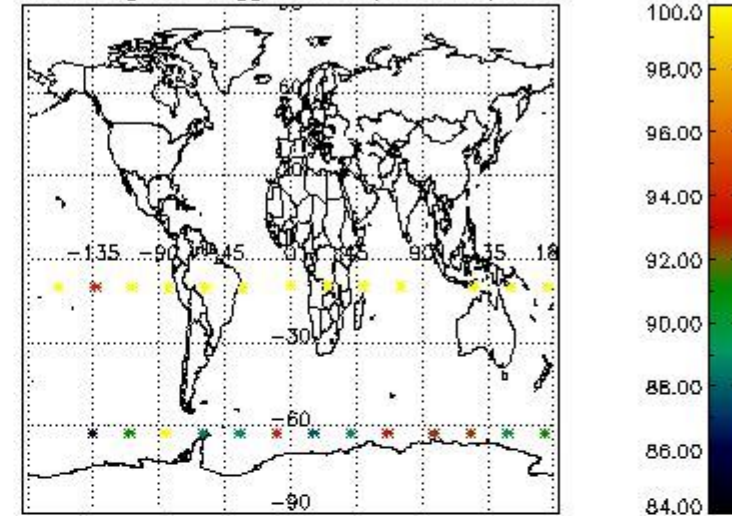


3.2 Plot quality information per product (world map)

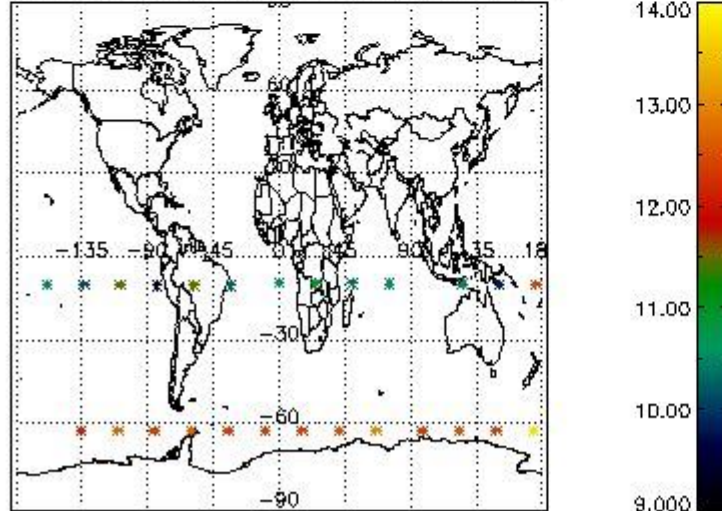
Percentage of flagged data per O3 profile



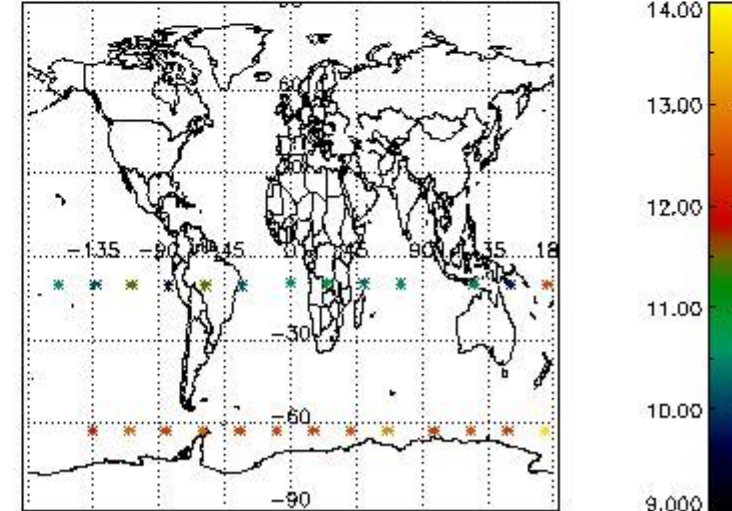
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

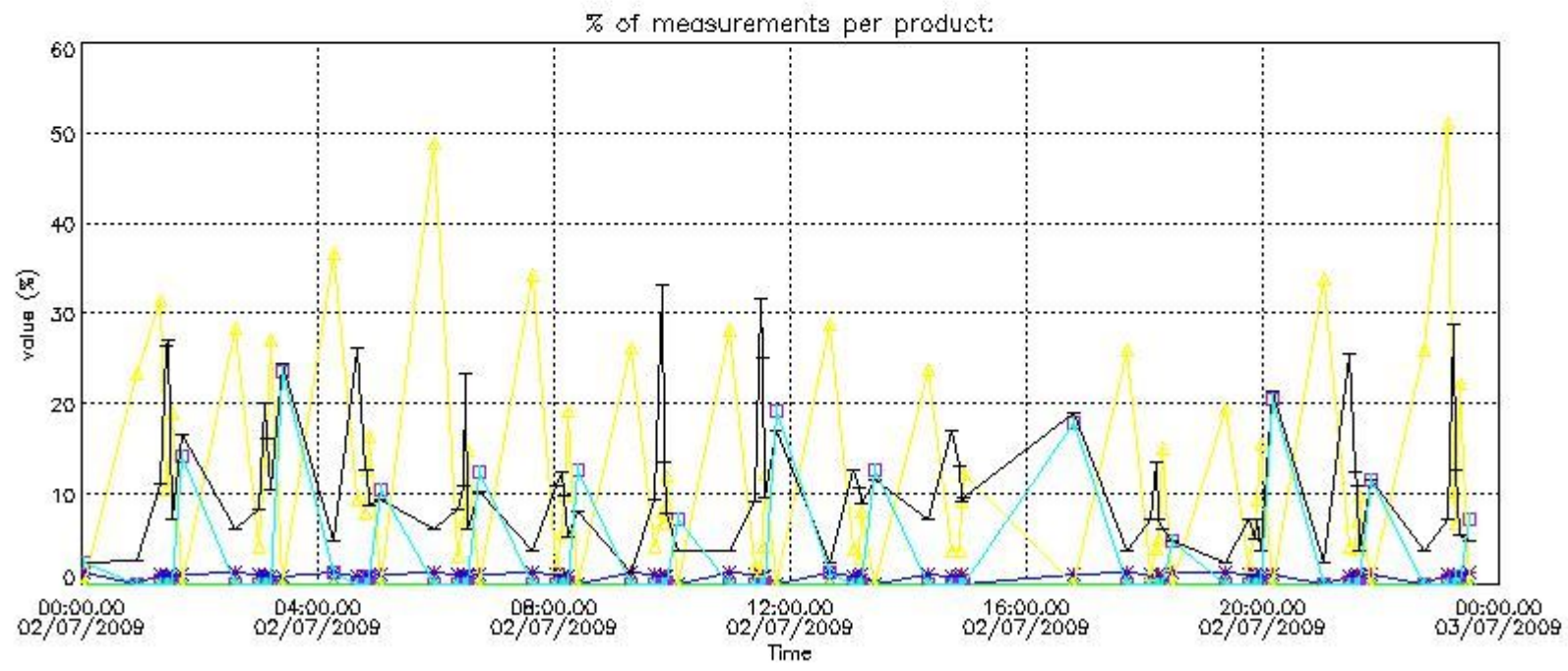
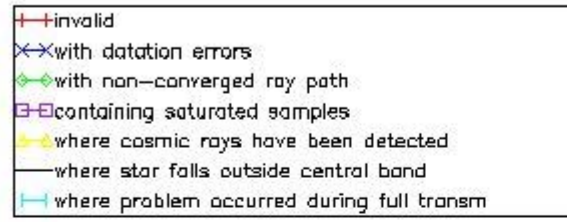


4. Level 1 quality information per product

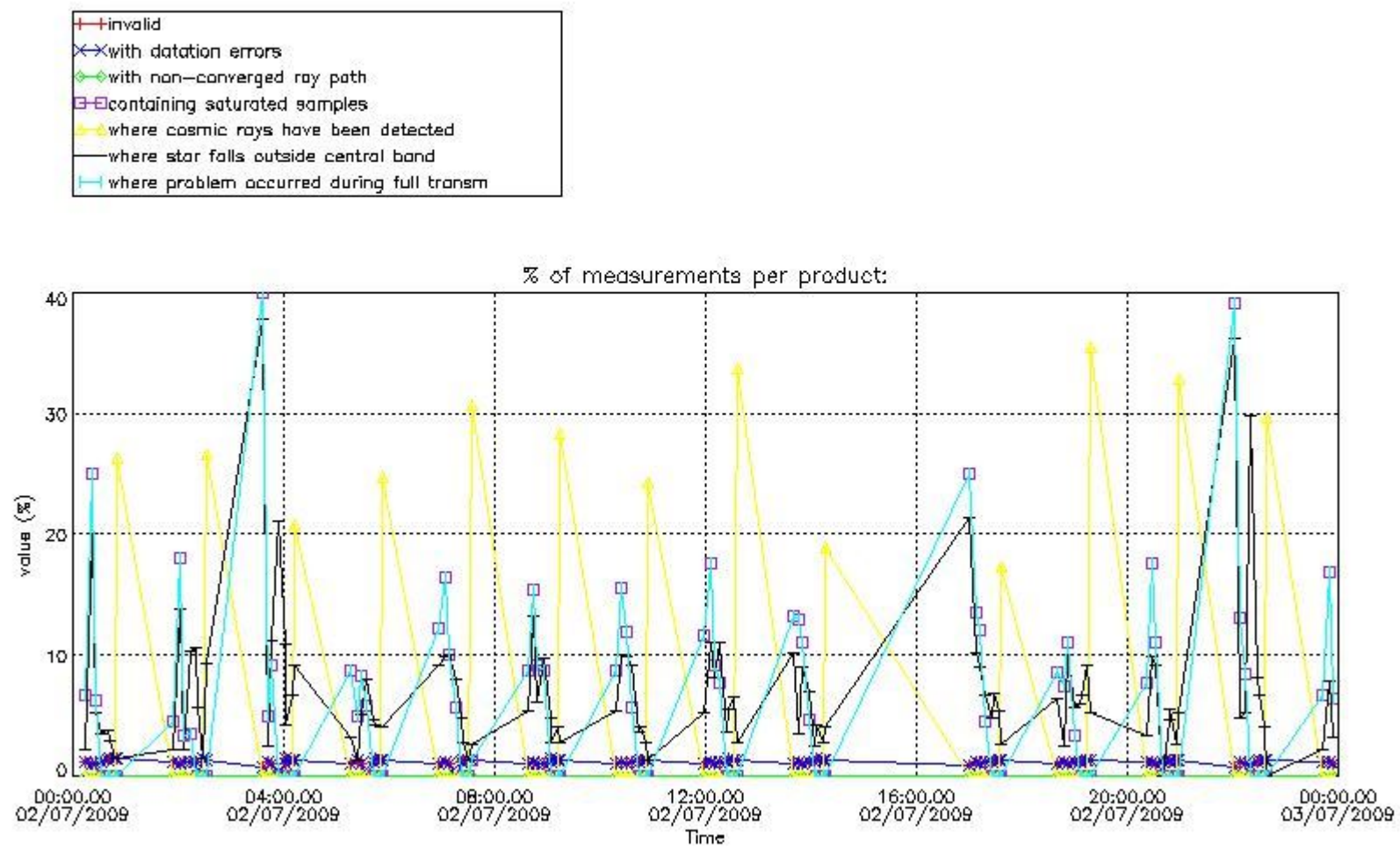
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



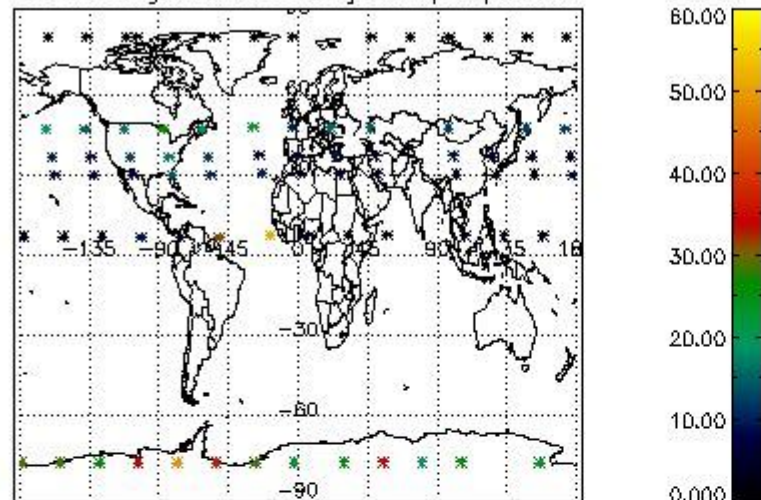
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



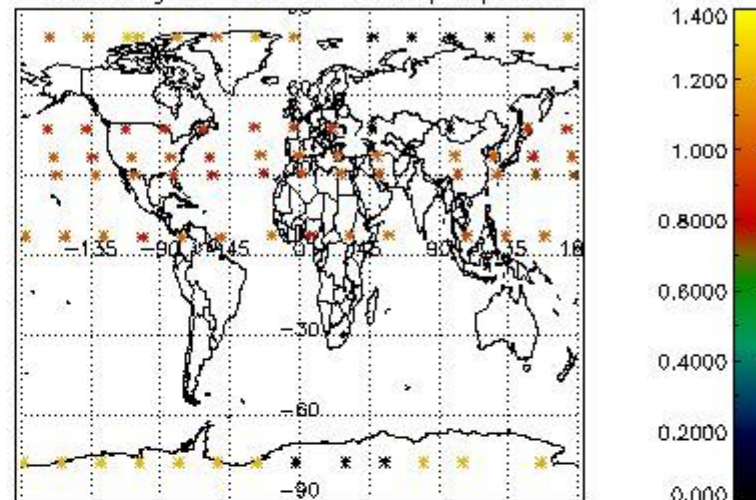
4.2 Plot quality information per product coming from level 1b processing (world map)

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

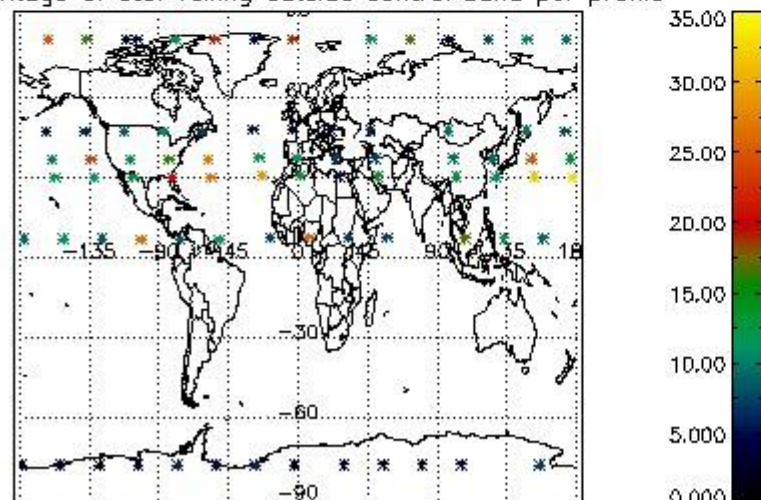
Percentage of cosmic ray hits per profile



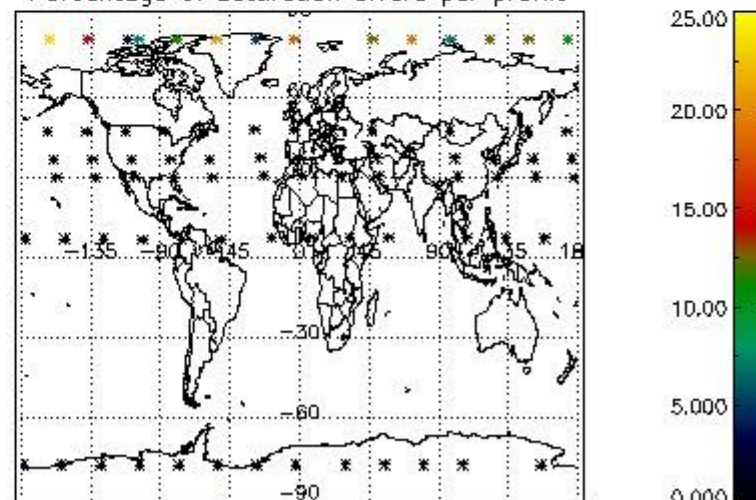
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

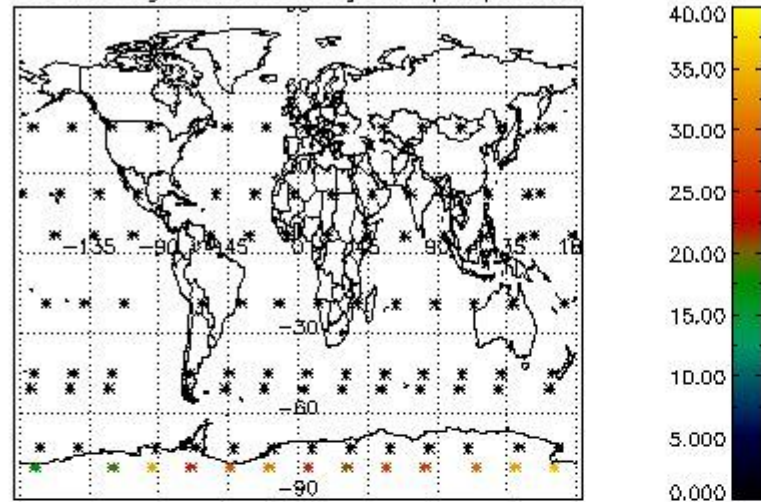


Percentage of saturation errors per profile

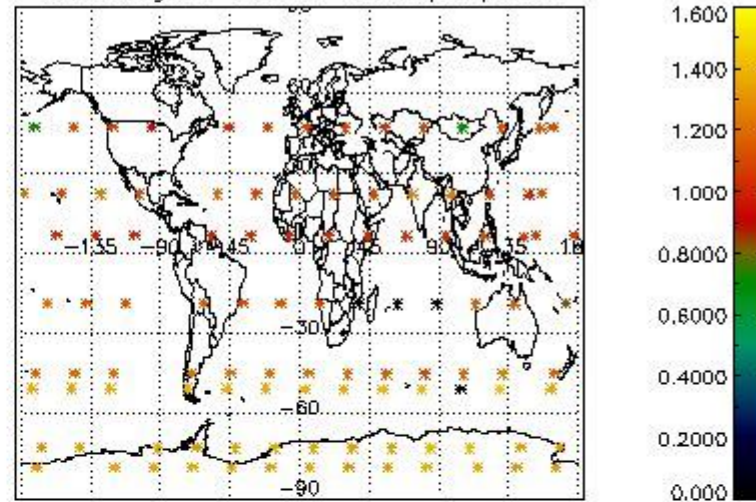


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

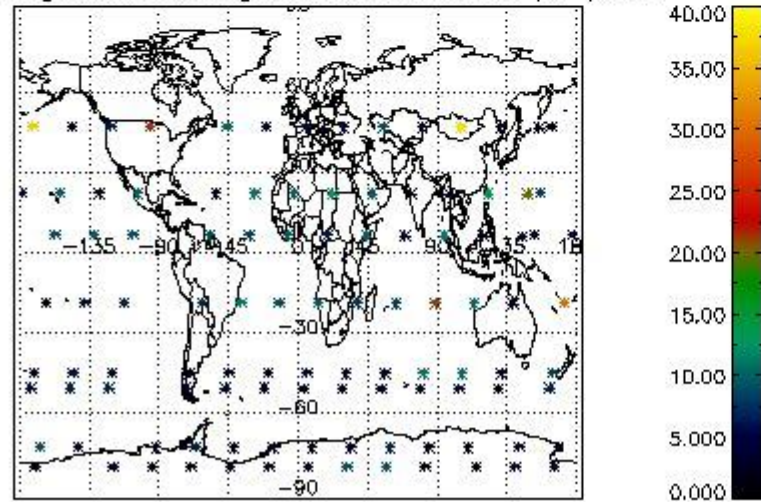
Percentage of cosmic ray hits per profile



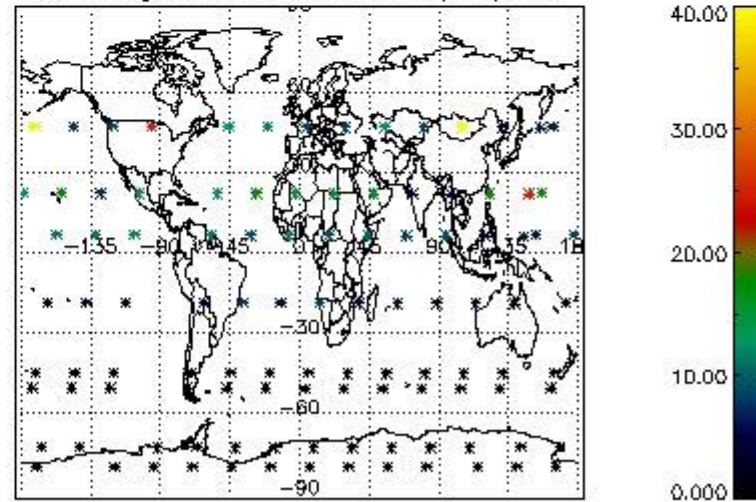
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

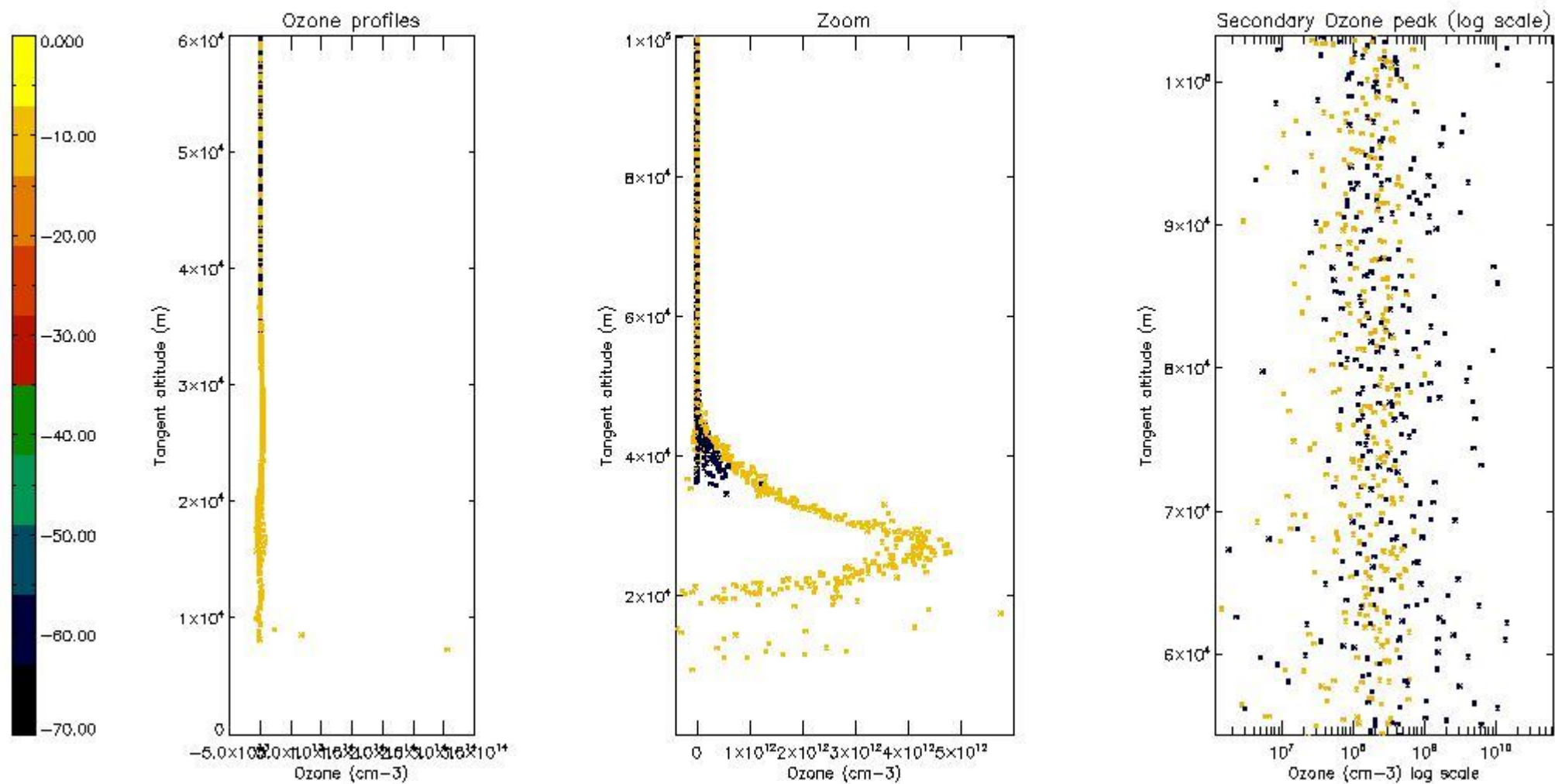
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	14
STD < 20	3

STD < 10	1
STD < 5	0

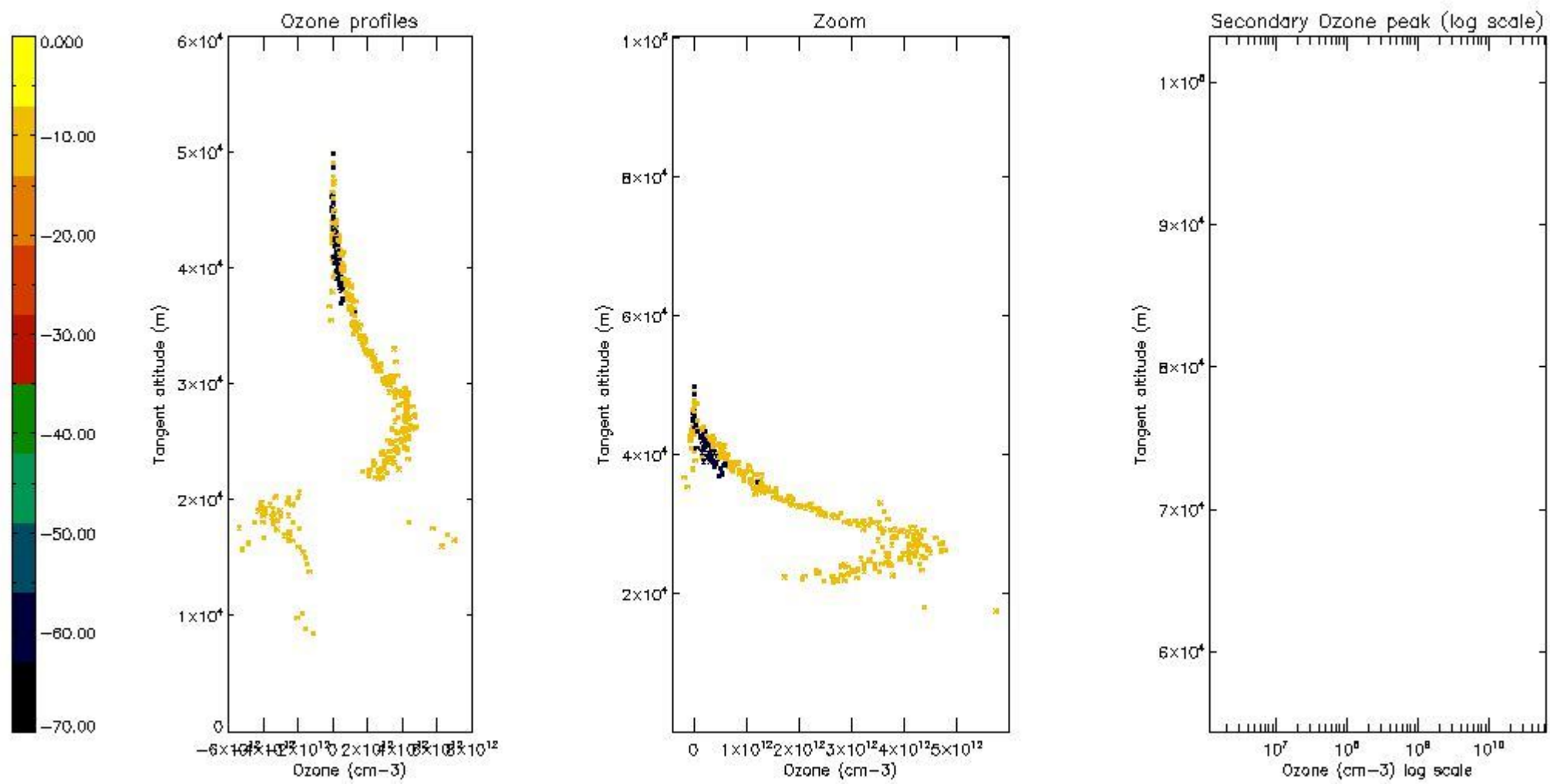
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



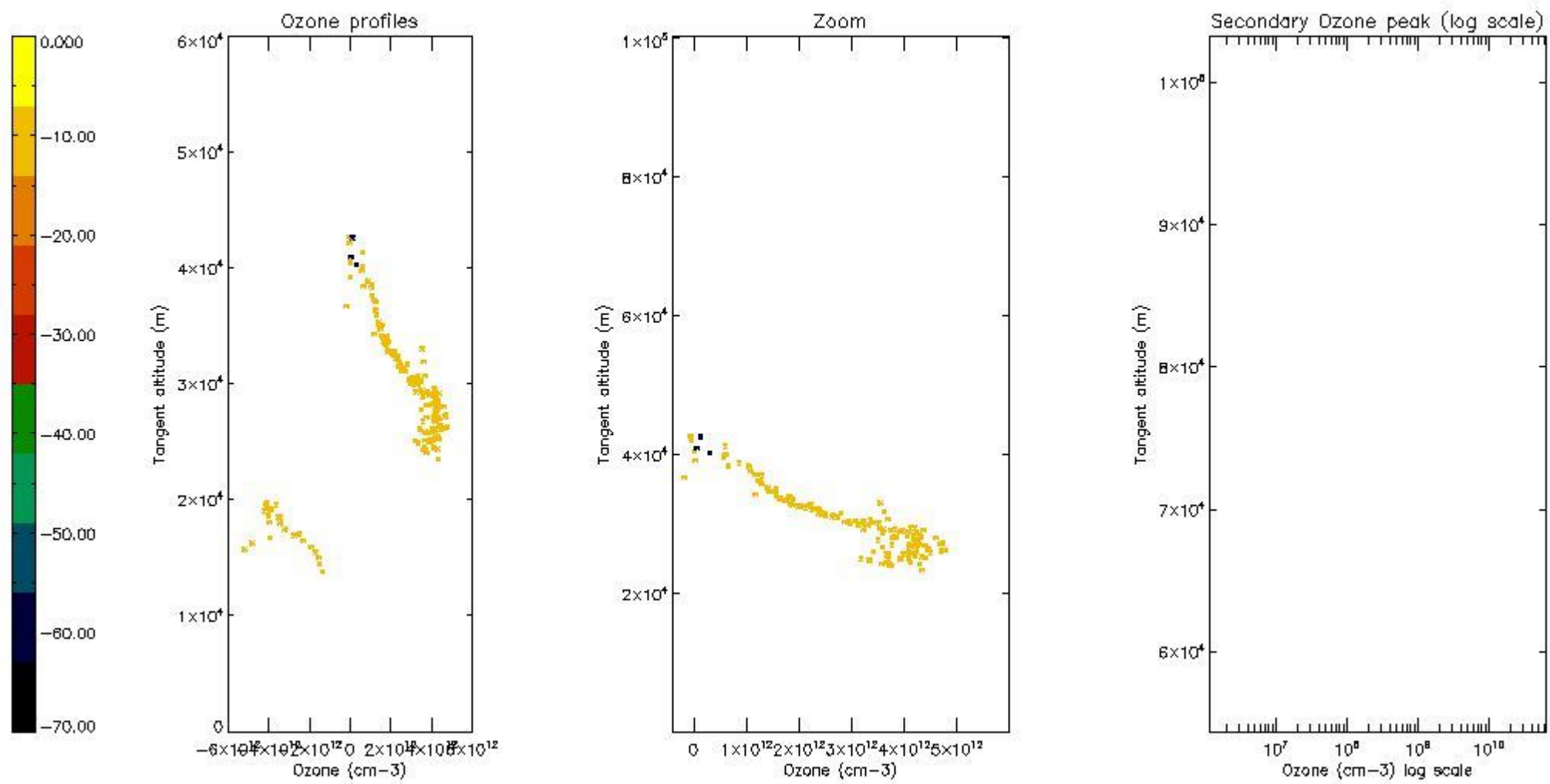
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



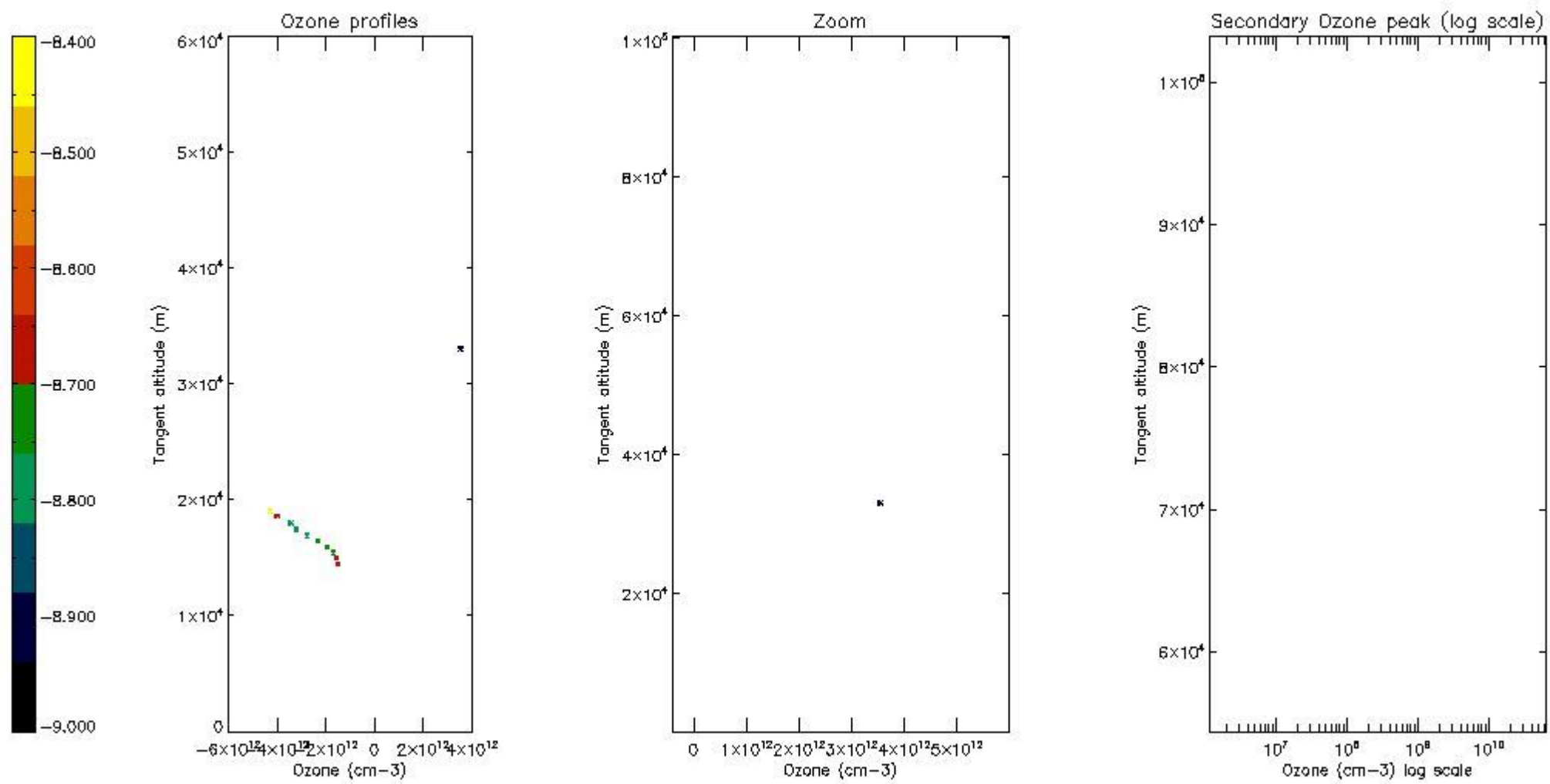
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



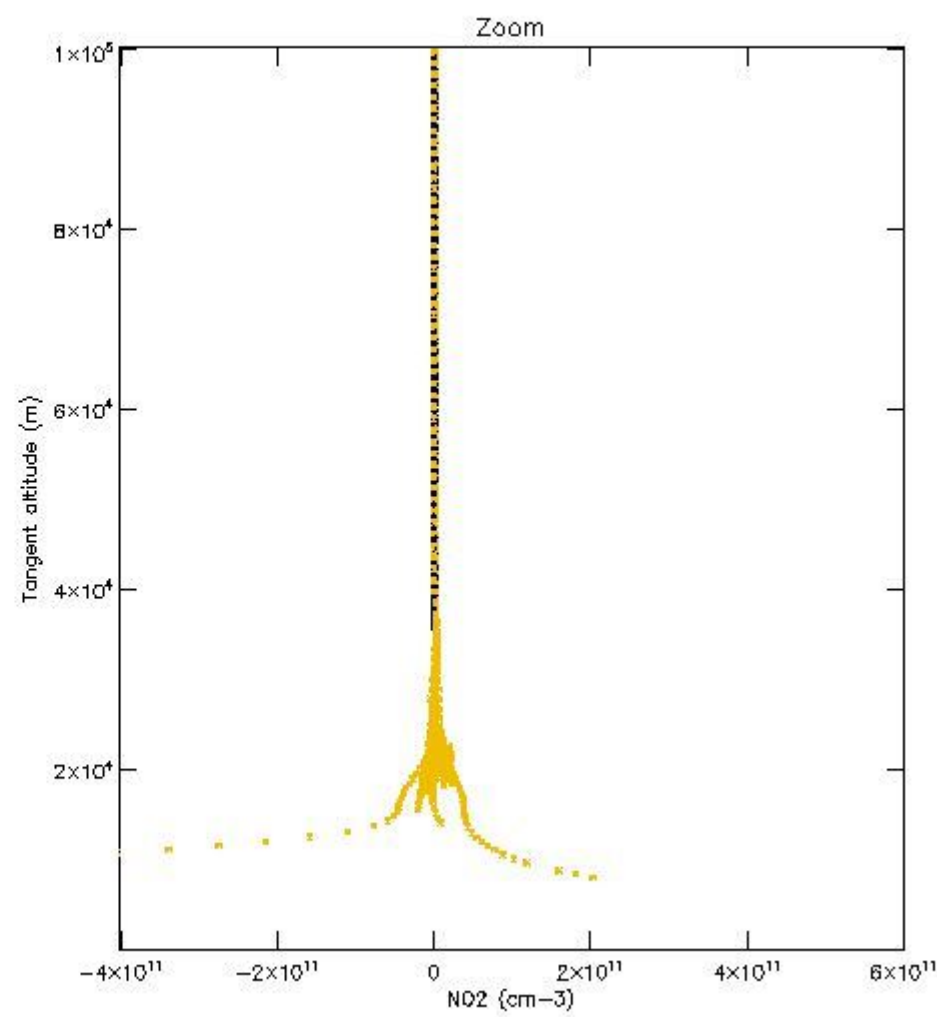
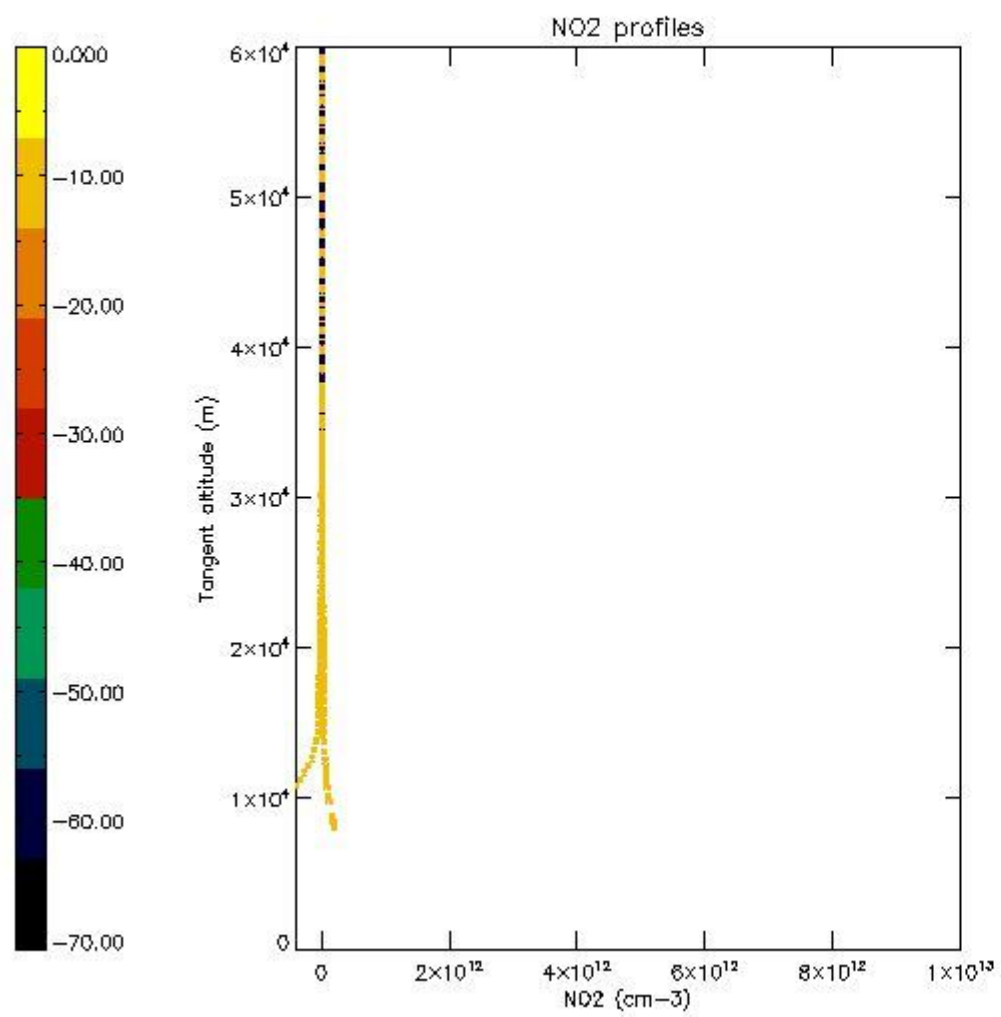
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



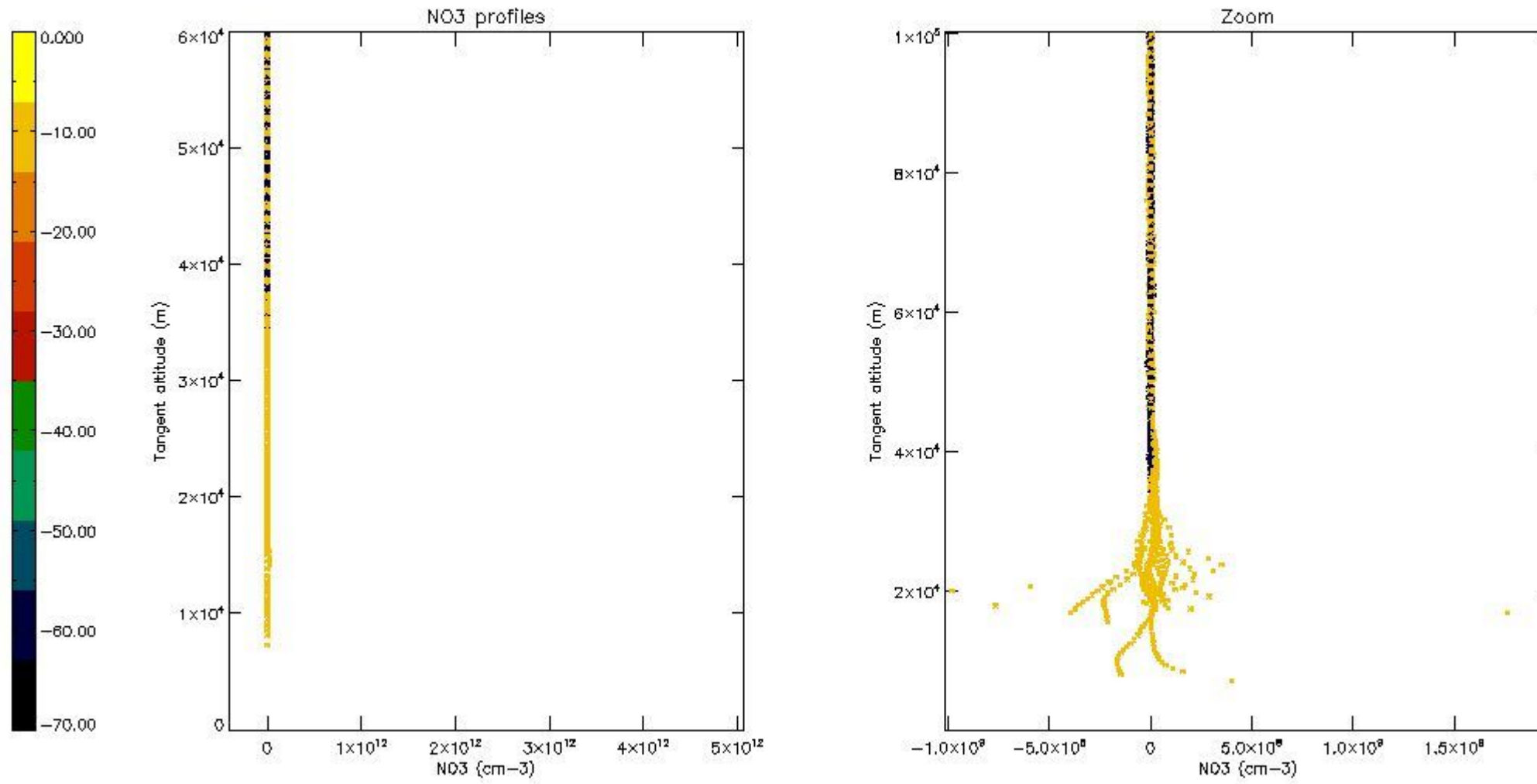
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	02-JUL-2009 00:01:57
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-JUL-2009 00:01:57
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-JUL-2009 00:01:57

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	26APR2013 10:29:38
Data source version	GOMOS/6.01
Start time of products	02-07-2009 (02JUL2009 00:00:00)
Stop time of products	03-07-2009 (03JUL2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	185
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__2PRFIN20090702_000157_000000402080_00231_38361_7247.N1	02-JUL-2009 00:01:57	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	38361	No
2	GOM_NL__2PRFIN20090702_001418_000000452080_00231_38361_7248.N1	02-JUL-2009 00:14:18	Bright	45.000	168	17Zet Aql	2.9860	11000.	90	38361	No
3	GOM_NL__2PRFIN20090702_002118_000000502080_00231_38361_7249.N1	02-JUL-2009 00:21:18	Bright	50.000	5	3Alp Lyr	0.033000	11000.	100	38361	No
4	GOM_NL__2PRFIN20090702_002544_000000482080_00231_38361_7250.N1	02-JUL-2009 00:25:44	Bright	47.500	144	18Del Cyg	2.8600	11000.	95	38361	No
5	GOM_NL__2PRFIN20090702_003247_000000432080_00231_38361_7251.N1	02-JUL-2009 00:32:47	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38361	No
6	GOM_NL__2PRFIN20090702_004011_000000402080_00231_38361_7252.N1	02-JUL-2009 00:40:11	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	38361	No
7	GOM_NL__2PRFIN20090702_004146_000000352080_00231_38361_7253.N1	02-JUL-2009 00:41:46	Bright	35.000	110	37Del Cas	2.6780	8900.0	70	38361	No
8	GOM_NL__2PRFIN20090702_004819_000000362080_00231_38361_7254.N1	02-JUL-2009 00:48:19	Bright	35.500	73	57Gam1And	2.2600	13100.	71	38361	No
9	GOM_NL__2PRFIN20090702_005059_000000362080_00231_38361_7255.N1	02-JUL-2009 00:50:59	Twilight	36.000	173	4Bet Tri	3.0040	8900.0	72	38361	No
10	GOM_NL__2PRFIN20090702_005518_000000392080_00231_38361_7256.N1	02-JUL-2009 00:55:18	Dark	38.500	50	13Alp Ari	2.0070	4250.0	77	38361	No
11	GOM_NL__2PRFIN20090702_011942_000000502080_00232_38362_7260.N1	02-JUL-2009 01:19:42	Dark	49.500	84	Alp Phe	2.3970	4500.0	99	38362	No
12	GOM_NL__2PRFIN20090702_012610_000000632080_00232_38362_7261.N1	02-JUL-2009 01:26:10	Straylight	62.500	63	Bet Gru	2.1500	2800.0	125	38362	No
13	GOM_NL__2PRFIN20090702_012806_000000592080_00232_38362_7262.N1	02-JUL-2009 01:28:06	Straylight	59.000	31	Alp Gru	1.7340	15200.	118	38362	No
14	GOM_NL__2PRFIN20090702_013101_000000562080_00232_38362_7263.N1	02-JUL-2009 01:31:01	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	38362	No
15	GOM_NL__2PRFIN20090702_014233_000000462080_00232_38362_7264.N1	02-JUL-2009 01:42:33	Bright	45.500	155	41Pi Sgr	2.9000	6600.0	91	38362	No
16	GOM_NL__2PRFIN20090702_015453_000000452080_00232_38362_7265.N1	02-JUL-2009 01:54:53	Bright	44.500	168	17Zet Aql	2.9860	11000.	89	38362	No
17	GOM_NL__2PRFIN20090702_020153_000000472080_00232_38362_7266.N1	02-JUL-2009 02:01:53	Bright	47.000	5	3Alp Lyr	0.033000	11000.	94	38362	No
18	GOM_NL__2PRFIN20090702_020618_000000452080_00232_38362_7267.N1	02-JUL-2009 02:06:18	Bright	45.000	144	18Del Cyg	2.8600	11000.	90	38362	No
19	GOM_NL__2PRFIN20090702_021323_000000442080_00232_38362_7268.N1	02-JUL-2009 02:13:23	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	38362	No
20	GOM_NL__2PRFIN20090702_022046_000000432080_00232_38362_7269.N1	02-JUL-2009 02:20:46	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	38362	No
21	GOM_NL__2PRFIN20090702_022222_000000352080_00232_38362_7270.N1	02-JUL-2009 02:22:22	Bright	35.000	110	37Del Cas	2.6780	8900.0	70	38362	No
22	GOM_NL__2PRFIN20090702_022855_000000362080_00232_38362_7271.N1	02-JUL-2009 02:28:55	Bright	35.500	73	57Gam1And	2.2600	13100.	71	38362	No
23	GOM_NL__2PRFIN20090702_023135_000000382080_00232_38362_7272.N1	02-JUL-2009 02:31:35	Twilight	37.500	173	4Bet Tri	3.0040	8900.0	75	38362	No
24	GOM_NL__2PRFIN20090702_023554_000000412080_00232_38362_7273.N1	02-JUL-2009 02:35:54	Dark	40.500	50	13Alp Ari	2.0070	4250.0	81	38362	No
25	GOM_NL__2PRFIN20090702_030019_000000492080_00233_38363_7276.N1	02-JUL-2009 03:00:19	Dark	48.500	84	Alp Phe	2.3970	4500.0	97	38363	No
26	GOM_NL__2PRFIN20090702_030647_000000552080_00233_38363_7277.N1	02-JUL-2009 03:06:47	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	38363	No
27	GOM_NL__2PRFIN20090702_030842_000000532080_00233_38363_7278.N1	02-JUL-2009 03:08:42	Straylight	52.500	31	Alp Gru	1.7340	15200.	105	38363	No
28	GOM_NL__2PRFIN20090702_031139_000000582080_00233_38363_7279.N1	02-JUL-2009 03:11:39	Straylight	57.500	172	Gam Gru	3.0030	13100.	115	38363	No
29	GOM_NL__2PRFIN20090702_032309_000000512080_00233_38363_7280.N1	02-JUL-2009 03:23:09	Bright	51.000	155	41Pi Sgr	2.9000	6600.0	102	38363	No
30	GOM_NL__2PRFIN20090702_033528_000000702080_00233_38363_7281.N1	02-JUL-2009 03:35:28	Bright	70.000	168	17Zet Aql	2.9860	11000.	140	38363	No
31	GOM_NL__2PRFIN20090702_034229_000000412080_00233_38363_7282.N1	02-JUL-2009 03:42:29	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	38363	No
32	GOM_NL__2PRFIN20090702_034654_000000492080_00233_38363_7283.N1	02-JUL-2009 03:46:54	Bright	49.000	144	18Del Cyg	2.8600	11000.	98	38363	No
33	GOM_NL__2PRFIN20090702_035358_000000522080_00233_38363_7284.N1	02-JUL-2009 03:53:58	Bright	52.000	89	5Alp Cep	2.4510	8000.0	104	38363	No
34	GOM_NL__2PRFIN20090702_040122_000000462080_00233_38363_7285.N1	02-JUL-2009 04:01:22	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	38363	No
35	GOM_NL__2PRFIN20090702_040257_000000362080_00233_38363_7286.N1	02-JUL-2009 04:02:57	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	38363	No
36	GOM_NL__2PRFIN20090702_040931_000000382080_00233_38363_7287.N1	02-JUL-2009 04:09:31	Bright	37.500	73	57Gam1And	2.2600	13100.	75	38363	No
37	GOM_NL__2PRFIN20090702_041211_000000392080_00233_38363_7288.N1	02-JUL-2009 04:12:11	Twilight	38.500	173	4Bet Tri	3.0040	8900.0	77	38363	No
38	GOM_NL__2PRFIN20090702_041630_000000412080_00233_38363_7289.N1	02-JUL-2009 04:16:30	Dark	41.000	50	13Alp Ari	2.0070	4250.0	82	38363	No
39	GOM_NL__2PRFIN20090702_044057_000000592080_00234_38364_7310.N1	02-JUL-2009 04:40:57	Dark	59.000	84	Alp Phe	2.3970	4500.0	118	38364	No
40	GOM_NL__2PRFIN20090702_044724_000000522080_00234_38364_7311.N1	02-JUL-2009 04:47:24	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	38364	No
41	GOM_NL__2PRFIN20090702_044919_000000512080_00234_38364_7312.N1	02-JUL-2009 04:49:19	Straylight	51.000	31	Alp Gru	1.7340	15200.	102	38364	No
42	GOM_NL__2PRFIN20090702_045216_000000582080_00234_38364_7313.N1	02-JUL-2009 04:52:16	Straylight	58.000	172	Gam Gru	3.0030	13100.	116	38364	No

43	GOM_NL__2PRFIN20090702_050345_000000432080_00234_38364_7314.N1	02-JUL-2009 05:03:45	Bright	43.000	155	41Pi Sgr	2.9000	6600.0	86	38364	No
44	GOM_NL__2PRFIN20090702_051604_000000462080_00234_38364_7315.N1	02-JUL-2009 05:16:04	Bright	46.000	168	17Zet Aql	2.9860	11000.	92	38364	No
45	GOM_NL__2PRFIN20090702_052304_000000402080_00234_38364_7316.N1	02-JUL-2009 05:23:04	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	38364	No
46	GOM_NL__2PRFIN20090702_052729_000000492080_00234_38364_7317.N1	02-JUL-2009 05:27:29	Bright	48.500	144	18Del Cyg	2.8600	11000.	97	38364	No
47	GOM_NL__2PRFIN20090702_053433_000000442080_00234_38364_7318.N1	02-JUL-2009 05:34:33	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	38364	No
48	GOM_NL__2PRFIN20090702_054157_000000432080_00234_38364_7319.N1	02-JUL-2009 05:41:57	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	38364	No
49	GOM_NL__2PRFIN20090702_054333_000000362080_00234_38364_7320.N1	02-JUL-2009 05:43:33	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	38364	No
50	GOM_NL__2PRFIN20090702_055006_000000382080_00234_38364_7321.N1	02-JUL-2009 05:50:06	Bright	37.500	73	57Gam1And	2.2600	13100.	75	38364	No
51	GOM_NL__2PRFIN20090702_055247_000000372080_00234_38364_7322.N1	02-JUL-2009 05:52:47	Twi_and_stray	36.500	173	4Bet Tri	3.0040	8900.0	73	38364	No
52	GOM_NL__2PRFIN20090702_055707_000000412080_00234_38364_7323.N1	02-JUL-2009 05:57:07	Dark	41.000	50	13Alp Ari	2.0070	4250.0	82	38364	No
53	GOM_NL__2PRFIN20090702_062133_000000492080_00235_38365_7326.N1	02-JUL-2009 06:21:33	Dark	48.500	84	Alp Phe	2.3970	4500.0	97	38365	No
54	GOM_NL__2PRFIN20090702_062801_000000502080_00235_38365_7327.N1	02-JUL-2009 06:28:01	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	38365	No
55	GOM_NL__2PRFIN20090702_062956_000000582080_00235_38365_7328.N1	02-JUL-2009 06:29:56	Straylight	58.000	31	Alp Gru	1.7340	15200.	116	38365	No
56	GOM_NL__2PRFIN20090702_063253_000000572080_00235_38365_7329.N1	02-JUL-2009 06:32:53	Straylight	57.000	172	Gam Gru	3.0030	13100.	114	38365	No
57	GOM_NL__2PRFIN20090702_064421_000000442080_00235_38365_7330.N1	02-JUL-2009 06:44:21	Bright	44.000	155	41Pi Sgr	2.9000	6600.0	88	38365	No
58	GOM_NL__2PRFIN20090702_065639_000000492080_00235_38365_7331.N1	02-JUL-2009 06:56:39	Bright	49.000	168	17Zet Aql	2.9860	11000.	98	38365	No
59	GOM_NL__2PRFIN20090702_070340_000000462080_00235_38365_7332.N1	02-JUL-2009 07:03:40	Bright	45.500	5	3Alp Lyr	0.033000	11000.	91	38365	No
60	GOM_NL__2PRFIN20090702_070804_000000502080_00235_38365_7333.N1	02-JUL-2009 07:08:04	Bright	49.500	144	18Del Cyg	2.8600	11000.	99	38365	No
61	GOM_NL__2PRFIN20090702_071508_000000442080_00235_38365_7334.N1	02-JUL-2009 07:15:08	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38365	No
62	GOM_NL__2PRFIN20090702_072233_000000422080_00235_38365_7335.N1	02-JUL-2009 07:22:33	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	38365	No
63	GOM_NL__2PRFIN20090702_072409_000000372080_00235_38365_7336.N1	02-JUL-2009 07:24:09	Bright	36.500	110	37Del Cas	2.6780	8900.0	73	38365	No
64	GOM_NL__2PRFIN20090702_073042_000000372080_00235_38365_7337.N1	02-JUL-2009 07:30:42	Bright	37.000	73	57Gam1And	2.2600	13100.	74	38365	No
65	GOM_NL__2PRFIN20090702_073323_000000382080_00235_38365_7338.N1	02-JUL-2009 07:33:23	Twi_and_stray	37.500	173	4Bet Tri	3.0040	8900.0	75	38365	No
66	GOM_NL__2PRFIN20090702_073743_000000412080_00235_38365_7339.N1	02-JUL-2009 07:37:43	Dark	41.000	50	13Alp Ari	2.0070	4250.0	82	38365	No
67	GOM_NL__2PRFIN20090702_080211_000000502080_00236_38366_7344.N1	02-JUL-2009 08:02:11	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	38366	No
68	GOM_NL__2PRFIN20090702_080838_000000522080_00236_38366_7345.N1	02-JUL-2009 08:08:38	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	38366	No
69	GOM_NL__2PRFIN20090702_081033_000000512080_00236_38366_7346.N1	02-JUL-2009 08:10:33	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	38366	No
70	GOM_NL__2PRFIN20090702_081330_000000572080_00236_38366_7347.N1	02-JUL-2009 08:13:30	Straylight	57.000	172	Gam Gru	3.0030	13100.	114	38366	No
71	GOM_NL__2PRFIN20090702_082457_000000442080_00236_38366_7348.N1	02-JUL-2009 08:24:57	Bright	43.500	155	41Pi Sgr	2.9000	6600.0	87	38366	No
72	GOM_NL__2PRFIN20090702_083715_000000462080_00236_38366_7349.N1	02-JUL-2009 08:37:15	Bright	46.000	168	17Zet Aql	2.9860	11000.	92	38366	No
73	GOM_NL__2PRFIN20090702_084416_000000462080_00236_38366_7350.N1	02-JUL-2009 08:44:16	Bright	45.500	5	3Alp Lyr	0.033000	11000.	91	38366	No
74	GOM_NL__2PRFIN20090702_084839_000000492080_00236_38366_7351.N1	02-JUL-2009 08:48:39	Bright	49.000	144	18Del Cyg	2.8600	11000.	98	38366	No
75	GOM_NL__2PRFIN20090702_085544_000000462080_00236_38366_7352.N1	02-JUL-2009 08:55:44	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	38366	No
76	GOM_NL__2PRFIN20090702_090308_000000422080_00236_38366_7353.N1	02-JUL-2009 09:03:08	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	38366	No
77	GOM_NL__2PRFIN20090702_090444_000000362080_00236_38366_7354.N1	02-JUL-2009 09:04:44	Bright	36.000	110	37Del Cas	2.6780	8900.0	72	38366	No
78	GOM_NL__2PRFIN20090702_091118_000000372080_00236_38366_7355.N1	02-JUL-2009 09:11:18	Bright	36.500	73	57Gam1And	2.2600	13100.	73	38366	No
79	GOM_NL__2PRFIN20090702_091359_000000372080_00236_38366_7356.N1	02-JUL-2009 09:13:59	Twi_and_stray	37.000	173	4Bet Tri	3.0040	8900.0	74	38366	No
80	GOM_NL__2PRFIN20090702_091819_000000402080_00236_38366_7357.N1	02-JUL-2009 09:18:19	Dark	40.000	50	13Alp Ari	2.0070	4250.0	80	38366	No
81	GOM_NL__2PRFIN20090702_094248_000000482080_00237_38367_7358.N1	02-JUL-2009 09:42:48	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	38367	No
82	GOM_NL__2PRFIN20090702_094915_000000682080_00237_38367_7359.N1	02-JUL-2009 09:49:15	Straylight	68.000	63	Bet Gru	2.1500	2800.0	136	38367	No
83	GOM_NL__2PRFIN20090702_095110_000000522080_00237_38367_7360.N1	02-JUL-2009 09:51:10	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	38367	No
84	GOM_NL__2PRFIN20090702_095406_000000582080_00237_38367_7361.N1	02-JUL-2009 09:54:06	Straylight	58.000	172	Gam Gru	3.0030	13100.	116	38367	No
85	GOM_NL__2PRFIN20090702_100534_000000422080_00237_38367_7362.N1	02-JUL-2009 10:05:34	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	38367	No
86	GOM_NL__2PRFIN20090702_101750_000000462080_00237_38367_7363.N1	02-JUL-2009 10:17:50	Bright	46.000	168	17Zet Aql	2.9860	11000.	92	38367	No
87	GOM_NL__2PRFIN20090702_102451_000000452080_00237_38367_7364.N1	02-JUL-2009 10:24:51	Bright	45.000	5	3Alp Lyr	0.033000	11000.	90	38367	No
88	GOM_NL__2PRFIN20090702_102914_000000512080_00237_38367_7365.N1	02-JUL-2009 10:29:14	Bright	50.500	144	18Del Cyg	2.8600	11000.	101	38367	No
89	GOM_NL__2PRFIN20090702_103619_000000442080_00237_38367_7366.N1	02-JUL-2009 10:36:19	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38367	No
90	GOM_NL__2PRFIN20090702_104343_000000422080_00237_38367_7367.N1	02-JUL-2009 10:43:43	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	38367	No
91	GOM_NL__2PRFIN20090702_104520_000000372080_00237_38367_7368.N1	02-JUL-2009 10:45:20	Bright	36.500	110	37Del Cas	2.6780	8900.0	73	38367	No
92	GOM_NL__2PRFIN20090702_105154_000000372080_00237_38367_7369.N1	02-JUL-2009 10:51:54	Bright	37.000	73	57Gam1And	2.2600	13100.	74	38367	No
93	GOM_NL__2PRFIN20090702_105435_000000372080_00237_38367_7370.N1	02-JUL-2009 10:54:35	Twi_and_stray	37.000	173	4Bet Tri	3.0040	8900.0	74	38367	No
94	GOM_NL__2PRFIN20090702_105856_000000412080_00237_38367_7371.N1	02-JUL-2009 10:58:56	Dark	41.000	50	13Alp Ari	2.0070	4250.0	82	38367	No
95	GOM_NL__2PRFIN20090702_112324_000000492080_00238_38368_7372.N1	02-JUL-2009 11:23:24	Dark	49.000	84	Alp Phe	2.3970	4500.0	98	38368	No
96	GOM_NL__2PRFIN20090702_112952_000000682080_00238_38368_7373.N1	02-JUL-2009 11:29:52	Straylight	68.000	63	Bet Gru	2.1500	2800.0	136	38368	No
97	GOM_NL__2PRFIN20090702_113147_000000602080_00238_38368_7374.N1	02-JUL-2009 11:31:47	Straylight	60.000	31	Alp Gru	1.7340	15200.	120	38368	No
98	GOM_NL__2PRFIN20090702_113444_000000572080_00238_38368_7375.N1	02-JUL-2009 11:34:44	Straylight	57.000	172	Gam Gru	3.0030	13100.	114	38368	No
99	GOM_NL__2PRFIN20090702_114610_000000472080_00238_38368_7376.N1	02-JUL-2009 11:46:10	Bright	47.000	155	41Pi Sgr	2.9000	6600.0	94	38368	No
100	GOM_NL__2PRFIN20090702_115825_000000482080_00238_38368_7377.N1	02-JUL-2009 11:58:25	Bright	47.500	168	17Zet Aql	2.9860	11000.	95	38368	No
101	GOM_NL__2PRFIN20090702_120526_000000462080_00238_38368_7378.N1	02-JUL-2009 12:05:26	Bright	45.500	5	3Alp Lyr	0.033000	11000.	91	38368	No

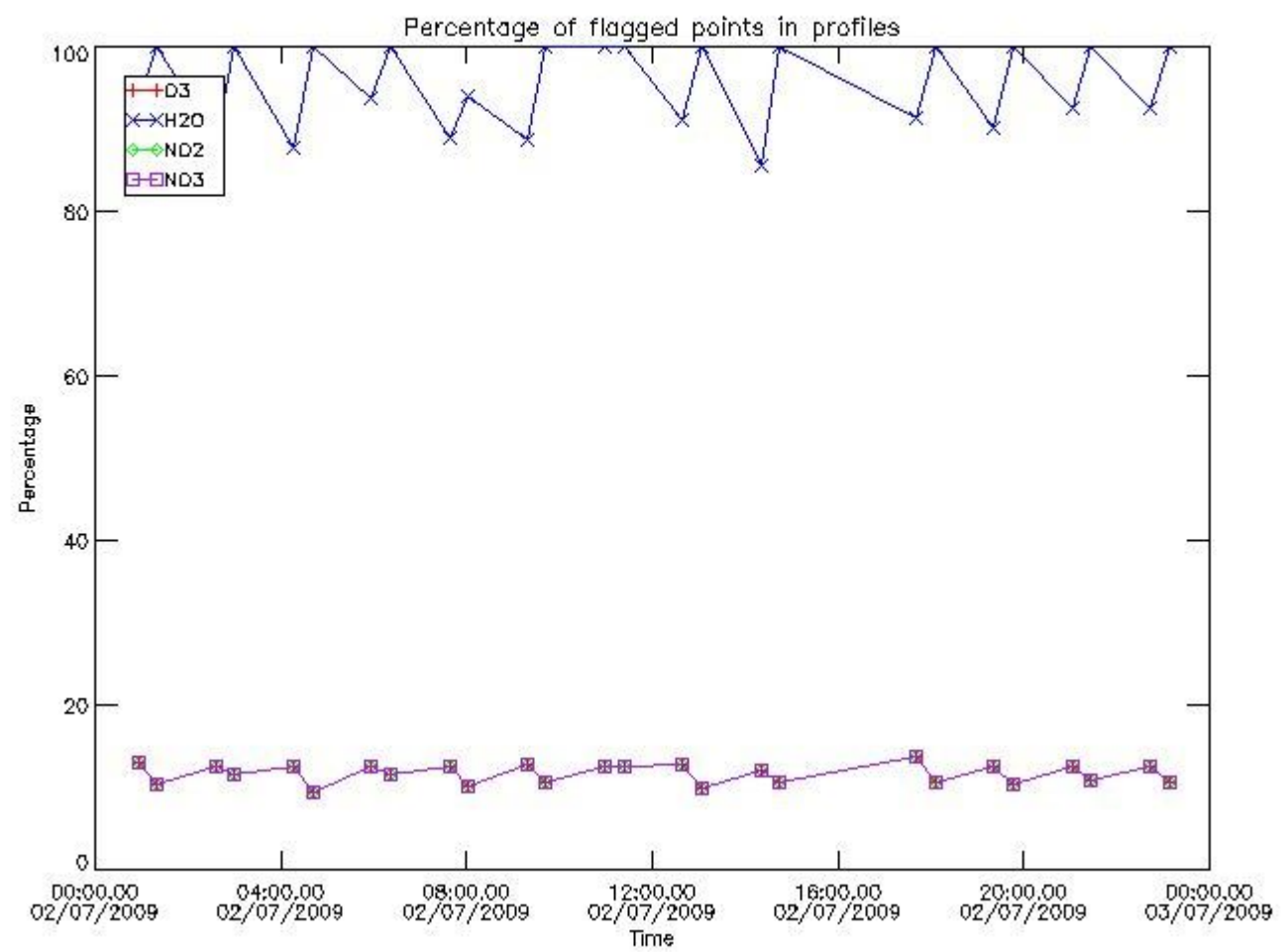
102	GOM_NL__2PRFIN20090702_120949_000000492080_00238_38368_7379.N1	02-JUL-2009 12:09:49	Bright	49.000	144	18Del Cyg	2.8600	11000.	98	38368	No
103	GOM_NL__2PRFIN20090702_121654_000000462080_00238_38368_7380.N1	02-JUL-2009 12:16:54	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	38368	No
104	GOM_NL__2PRFIN20090702_122418_000000422080_00238_38368_7381.N1	02-JUL-2009 12:24:18	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	38368	No
105	GOM_NL__2PRFIN20090702_122556_000000362080_00238_38368_7382.N1	02-JUL-2009 12:25:56	Bright	36.000	110	37Del Cas	2.6780	8900.0	72	38368	No
106	GOM_NL__2PRFIN20090702_123230_000000382080_00238_38368_7383.N1	02-JUL-2009 12:32:30	Bright	38.000	73	57Gam1And	2.2600	13100.	76	38368	No
107	GOM_NL__2PRFIN20090702_123511_000000372080_00238_38368_7384.N1	02-JUL-2009 12:35:11	Tw_i_and_stray	37.000	173	4Bet Tri	3.0040	8900.0	74	38368	No
108	GOM_NL__2PRFIN20090702_123932_000000402080_00238_38368_7385.N1	02-JUL-2009 12:39:32	Dark	40.000	50	13Alp Ari	2.0070	4250.0	80	38368	No
109	GOM_NL__2PRFIN20090702_130401_000000522080_00239_38369_7386.N1	02-JUL-2009 13:04:01	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	38369	No
110	GOM_NL__2PRFIN20090702_131029_000000512080_00239_38369_7387.N1	02-JUL-2009 13:10:29	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	38369	No
111	GOM_NL__2PRFIN20090702_131223_000000502080_00239_38369_7388.N1	02-JUL-2009 13:12:23	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	38369	No
112	GOM_NL__2PRFIN20090702_132646_000000442080_00239_38369_7389.N1	02-JUL-2009 13:26:46	Bright	43.500	155	41Pi Sgr	2.9000	6600.0	87	38369	No
113	GOM_NL__2PRFIN20090702_133901_000000492080_00239_38369_7390.N1	02-JUL-2009 13:39:01	Bright	49.000	168	17Zet Aql	2.9860	11000.	98	38369	No
114	GOM_NL__2PRFIN20090702_134602_000000432080_00239_38369_7391.N1	02-JUL-2009 13:46:02	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	38369	No
115	GOM_NL__2PRFIN20090702_135024_000000502080_00239_38369_7392.N1	02-JUL-2009 13:50:24	Bright	50.000	144	18Del Cyg	2.8600	11000.	100	38369	No
116	GOM_NL__2PRFIN20090702_135729_000000432080_00239_38369_7393.N1	02-JUL-2009 13:57:29	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38369	No
117	GOM_NL__2PRFIN20090702_140454_000000412080_00239_38369_7394.N1	02-JUL-2009 14:04:54	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	38369	No
118	GOM_NL__2PRFIN20090702_140631_000000362080_00239_38369_7395.N1	02-JUL-2009 14:06:31	Bright	36.000	110	37Del Cas	2.6780	8900.0	72	38369	No
119	GOM_NL__2PRFIN20090702_141306_000000372080_00239_38369_7396.N1	02-JUL-2009 14:13:06	Bright	36.500	73	57Gam1And	2.2600	13100.	73	38369	No
120	GOM_NL__2PRFIN20090702_141547_000000372080_00239_38369_7397.N1	02-JUL-2009 14:15:47	Tw_i_and_stray	37.000	173	4Bet Tri	3.0040	8900.0	74	38369	No
121	GOM_NL__2PRFIN20090702_142008_000000422080_00239_38369_7398.N1	02-JUL-2009 14:20:08	Dark	42.000	50	13Alp Ari	2.0070	4250.0	84	38369	No
122	GOM_NL__2PRFIN20090702_144438_000000532080_00240_38370_7400.N1	02-JUL-2009 14:44:38	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	38370	No
123	GOM_NL__2PRFIN20090702_145106_000000542080_00240_38370_7401.N1	02-JUL-2009 14:51:06	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	38370	No
124	GOM_NL__2PRFIN20090702_145300_000000492080_00240_38370_7402.N1	02-JUL-2009 14:53:00	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	38370	No
125	GOM_NL__2PRFIN20090702_145557_000000582080_00240_38370_7403.N1	02-JUL-2009 14:55:57	Straylight	57.500	172	Gam Gru	3.0030	13100.	115	38370	No
126	GOM_NL__2PRFIN20090702_164758_000000482080_00241_38371_7414.N1	02-JUL-2009 16:47:58	Bright	47.500	155	41Pi Sgr	2.9000	6600.0	95	38371	No
127	GOM_NL__2PRFIN20090702_170012_000000562080_00241_38371_7415.N1	02-JUL-2009 17:00:12	Bright	56.000	168	17Zet Aql	2.9860	11000.	112	38371	No
128	GOM_NL__2PRFIN20090702_170713_000000452080_00241_38371_7416.N1	02-JUL-2009 17:07:13	Bright	44.500	5	3Alp Lyr	0.033000	11000.	89	38371	No
129	GOM_NL__2PRFIN20090702_171134_000000502080_00241_38371_7417.N1	02-JUL-2009 17:11:34	Bright	50.000	144	18Del Cyg	2.8600	11000.	100	38371	No
130	GOM_NL__2PRFIN20090702_171840_000000452080_00241_38371_7418.N1	02-JUL-2009 17:18:40	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	38371	No
131	GOM_NL__2PRFIN20090702_172605_000000422080_00241_38371_7419.N1	02-JUL-2009 17:26:05	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	38371	No
132	GOM_NL__2PRFIN20090702_172743_000000372080_00241_38371_7420.N1	02-JUL-2009 17:27:43	Bright	36.500	110	37Del Cas	2.6780	8900.0	73	38371	No
133	GOM_NL__2PRFIN20090702_173417_000000382080_00241_38371_7421.N1	02-JUL-2009 17:34:17	Bright	37.500	73	57Gam1And	2.2600	13100.	75	38371	No
134	GOM_NL__2PRFIN20090702_173659_000000382080_00241_38371_7422.N1	02-JUL-2009 17:36:59	Tw_i_and_stray	37.500	173	4Bet Tri	3.0040	8900.0	75	38371	No
135	GOM_NL__2PRFIN20090702_174121_000000412080_00241_38371_7423.N1	02-JUL-2009 17:41:21	Dark	40.500	50	13Alp Ari	2.0070	4250.0	81	38371	No
136	GOM_NL__2PRFIN20090702_180552_000000482080_00242_38372_7430.N1	02-JUL-2009 18:05:52	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	38372	No
137	GOM_NL__2PRFIN20090702_181220_000000522080_00242_38372_7431.N1	02-JUL-2009 18:12:20	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	38372	No
138	GOM_NL__2PRFIN20090702_181414_000000492080_00242_38372_7432.N1	02-JUL-2009 18:14:14	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	38372	No
139	GOM_NL__2PRFIN20090702_181711_000000572080_00242_38372_7433.N1	02-JUL-2009 18:17:11	Straylight	56.500	172	Gam Gru	3.0030	13100.	113	38372	No
140	GOM_NL__2PRFIN20090702_182834_000000412080_00242_38372_7434.N1	02-JUL-2009 18:28:34	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	38372	No
141	GOM_NL__2PRFIN20090702_184047_000000472080_00242_38372_7435.N1	02-JUL-2009 18:40:47	Bright	46.500	168	17Zet Aql	2.9860	11000.	93	38372	No
142	GOM_NL__2PRFIN20090702_184748_000000412080_00242_38372_7436.N1	02-JUL-2009 18:47:48	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	38372	No
143	GOM_NL__2PRFIN20090702_185210_000000502080_00242_38372_7437.N1	02-JUL-2009 18:52:10	Bright	50.000	144	18Del Cyg	2.8600	11000.	100	38372	No
144	GOM_NL__2PRFIN20090702_185915_000000442080_00242_38372_7438.N1	02-JUL-2009 18:59:15	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38372	No
145	GOM_NL__2PRFIN20090702_190640_000000422080_00242_38372_7439.N1	02-JUL-2009 19:06:40	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	38372	No
146	GOM_NL__2PRFIN20090702_190818_000000372080_00242_38372_7440.N1	02-JUL-2009 19:08:18	Bright	37.000	110	37Del Cas	2.6780	8900.0	74	38372	No
147	GOM_NL__2PRFIN20090702_191453_000000392080_00242_38372_7441.N1	02-JUL-2009 19:14:53	Bright	38.500	73	57Gam1And	2.2600	13100.	77	38372	No
148	GOM_NL__2PRFIN20090702_191735_000000382080_00242_38372_7442.N1	02-JUL-2009 19:17:35	Tw_i_and_stray	38.000	173	4Bet Tri	3.0040	8900.0	76	38372	No
149	GOM_NL__2PRFIN20090702_192157_000000412080_00242_38372_7443.N1	02-JUL-2009 19:21:57	Dark	41.000	50	13Alp Ari	2.0070	4250.0	82	38372	No
150	GOM_NL__2PRFIN20090702_194629_000000492080_00243_38373_7450.N1	02-JUL-2009 19:46:29	Dark	49.000	84	Alp Phe	2.3970	4500.0	98	38373	No
151	GOM_NL__2PRFIN20090702_195257_000000492080_00243_38373_7451.N1	02-JUL-2009 19:52:57	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	38373	No
152	GOM_NL__2PRFIN20090702_195451_000000482080_00243_38373_7452.N1	02-JUL-2009 19:54:51	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	38373	No
153	GOM_NL__2PRFIN20090702_195748_000000552080_00243_38373_7453.N1	02-JUL-2009 19:57:48	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	38373	No
154	GOM_NL__2PRFIN20090702_200910_000000492080_00243_38373_7454.N1	02-JUL-2009 20:09:10	Bright	49.000	155	41Pi Sgr	2.9000	6600.0	98	38373	No
155	GOM_NL__2PRFIN20090702_202123_000000452080_00243_38373_7455.N1	02-JUL-2009 20:21:23	Bright	45.000	168	17Zet Aql	2.9860	11000.	90	38373	No
156	GOM_NL__2PRFIN20090702_202824_000000462080_00243_38373_7456.N1	02-JUL-2009 20:28:24	Bright	45.500	5	3Alp Lyr	0.033000	11000.	91	38373	No
157	GOM_NL__2PRFIN20090702_203245_000000502080_00243_38373_7457.N1	02-JUL-2009 20:32:45	Bright	49.500	144	18Del Cyg	2.8600	11000.	99	38373	No
158	GOM_NL__2PRFIN20090702_203950_000000422080_00243_38373_7458.N1	02-JUL-2009 20:39:50	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	38373	No
159	GOM_NL__2PRFIN20090702_204715_000000432080_00243_38373_7459.N1	02-JUL-2009 20:47:15	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	38373	No
160	GOM_NL__2PRFIN20090702_204854_000000372080_00243_38373_7460.N1	02-JUL-2009 20:48:54	Bright	36.500	110	37Del Cas	2.6780	8900.0	73	38373	No

161	GOM_NL__2PRFIN20090702_205529_000000382080_00243_38373_7461.N1	02-JUL-2009 20:55:29	Bright	37.500	73	57Gam1And	2.2600	13100.	75	38373	No
162	GOM_NL__2PRFIN20090702_205811_000000382080_00243_38373_7462.N1	02-JUL-2009 20:58:11	Twilight	38.000	173	4Bet Tri	3.0040	8900.0	76	38373	No
163	GOM_NL__2PRFIN20090702_210233_000000402080_00243_38373_7463.N1	02-JUL-2009 21:02:33	Dark	40.000	50	13Alp Ari	2.0070	4250.0	80	38373	No
164	GOM_NL__2PRFIN20090702_212706_000000612080_00244_38374_7484.N1	02-JUL-2009 21:27:06	Dark	60.500	84	Alp Phe	2.3970	4500.0	121	38374	No
165	GOM_NL__2PRFIN20090702_213333_000000522080_00244_38374_7485.N1	02-JUL-2009 21:33:33	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	38374	No
166	GOM_NL__2PRFIN20090702_213527_000000512080_00244_38374_7486.N1	02-JUL-2009 21:35:27	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	38374	No
167	GOM_NL__2PRFIN20090702_213825_000000562080_00244_38374_7487.N1	02-JUL-2009 21:38:25	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	38374	No
168	GOM_NL__2PRFIN20090702_214946_000000442080_00244_38374_7488.N1	02-JUL-2009 21:49:46	Bright	43.500	155	41Pi Sgr	2.9000	6600.0	87	38374	No
169	GOM_NL__2PRFIN20090702_220158_000000692080_00244_38374_7489.N1	02-JUL-2009 22:01:58	Bright	69.000	168	17Zet Aql	2.9860	11000.	138	38374	No
170	GOM_NL__2PRFIN20090702_220859_000000422080_00244_38374_7490.N1	02-JUL-2009 22:08:59	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	38374	No
171	GOM_NL__2PRFIN20090702_221320_000000482080_00244_38374_7491.N1	02-JUL-2009 22:13:20	Bright	47.500	144	18Del Cyg	2.8600	11000.	95	38374	No
172	GOM_NL__2PRFIN20090702_222026_000000612080_00244_38374_7492.N1	02-JUL-2009 22:20:26	Bright	60.500	89	5Alp Cep	2.4510	8000.0	121	38374	No
173	GOM_NL__2PRFIN20090702_222751_000000432080_00244_38374_7493.N1	02-JUL-2009 22:27:51	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	38374	No
174	GOM_NL__2PRFIN20090702_222929_000000372080_00244_38374_7494.N1	02-JUL-2009 22:29:29	Bright	37.000	110	37Del Cas	2.6780	8900.0	74	38374	No
175	GOM_NL__2PRFIN20090702_223605_000000382080_00244_38374_7495.N1	02-JUL-2009 22:36:05	Bright	37.500	73	57Gam1And	2.2600	13100.	75	38374	No
176	GOM_NL__2PRFIN20090702_223847_000000372080_00244_38374_7496.N1	02-JUL-2009 22:38:47	Twilight	37.000	173	4Bet Tri	3.0040	8900.0	74	38374	No
177	GOM_NL__2PRFIN20090702_224309_000000412080_00244_38374_7497.N1	02-JUL-2009 22:43:09	Dark	40.500	50	13Alp Ari	2.0070	4250.0	81	38374	No
178	GOM_NL__2PRFIN20090702_230743_000000482080_00245_38375_7501.N1	02-JUL-2009 23:07:43	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	38375	No
179	GOM_NL__2PRFIN20090702_231410_000000642080_00245_38375_7502.N1	02-JUL-2009 23:14:10	Straylight	64.000	63	Bet Gru	2.1500	2800.0	128	38375	No
180	GOM_NL__2PRFIN20090702_231604_000000512080_00245_38375_7503.N1	02-JUL-2009 23:16:04	Straylight	51.000	31	Alp Gru	1.7340	15200.	102	38375	No
181	GOM_NL__2PRFIN20090702_231902_000000562080_00245_38375_7504.N1	02-JUL-2009 23:19:02	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	38375	No
182	GOM_NL__2PRFIN20090702_233022_000000422080_00245_38375_7505.N1	02-JUL-2009 23:30:22	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	38375	No
183	GOM_NL__2PRFIN20090702_234233_000000452080_00245_38375_7506.N1	02-JUL-2009 23:42:33	Bright	45.000	168	17Zet Aql	2.9860	11000.	90	38375	No
184	GOM_NL__2PRFIN20090702_234935_000000452080_00245_38375_7507.N1	02-JUL-2009 23:49:35	Bright	44.500	5	3Alp Lyr	0.033000	11000.	89	38375	No
185	GOM_NL__2PRFIN20090702_235355_000000472080_00245_38375_7508.N1	02-JUL-2009 23:53:55	Bright	47.000	144	18Del Cyg	2.8600	11000.	94	38375	No

3. Quality information per product

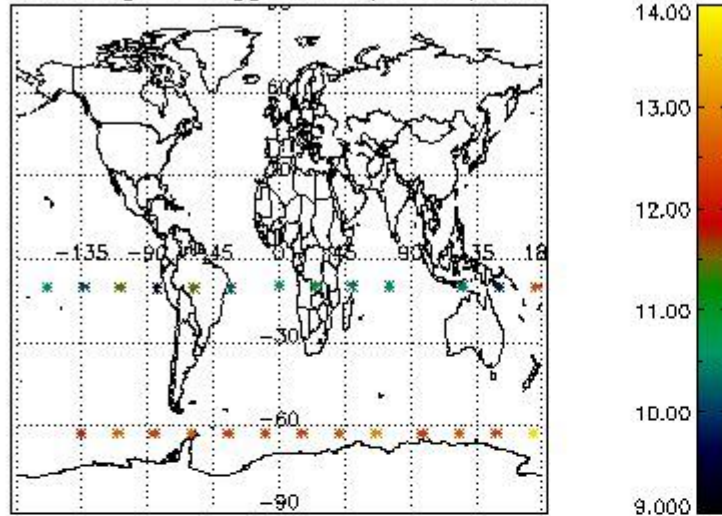
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

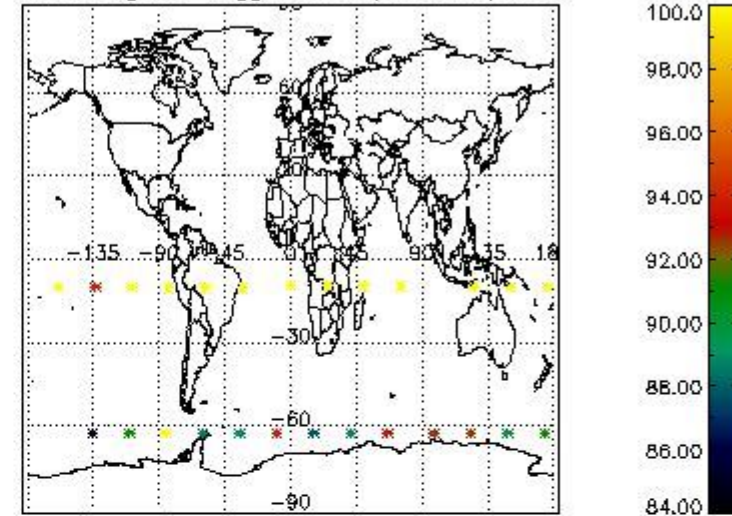


3.2 Plot quality information per product (world map)

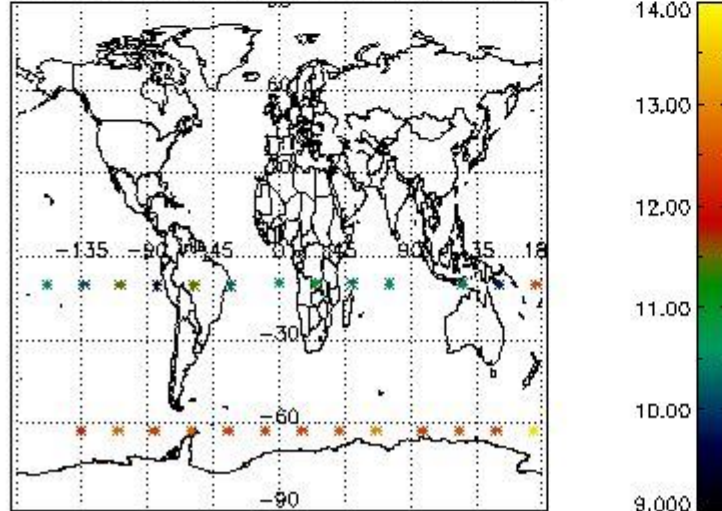
Percentage of flagged data per O3 profile



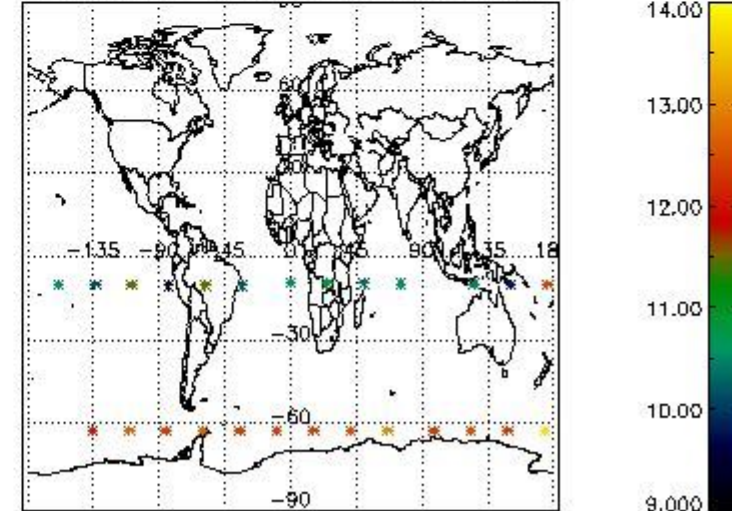
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

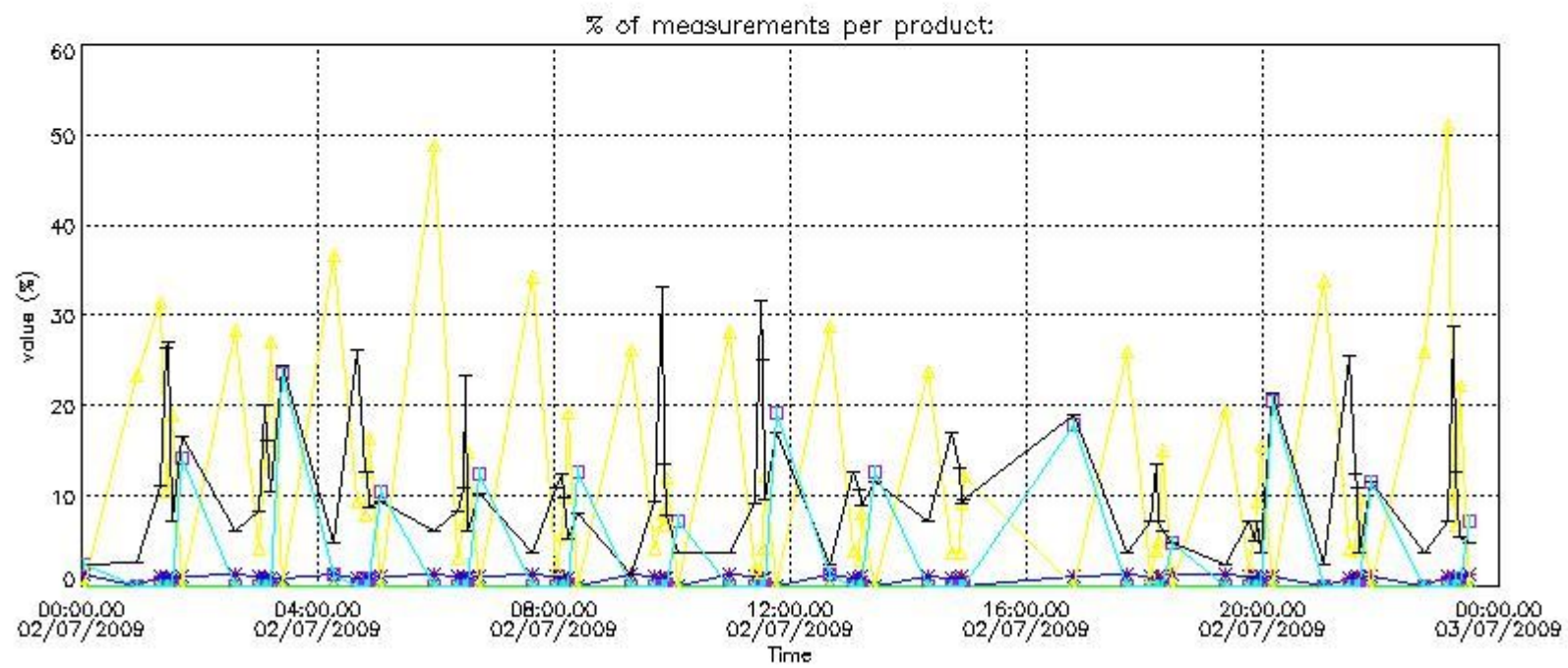
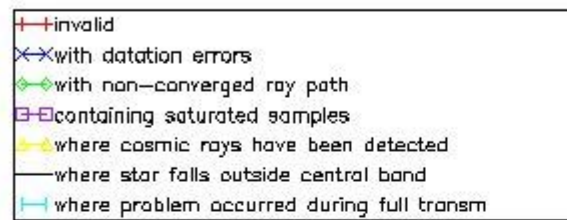


4. Level 1 quality information per product

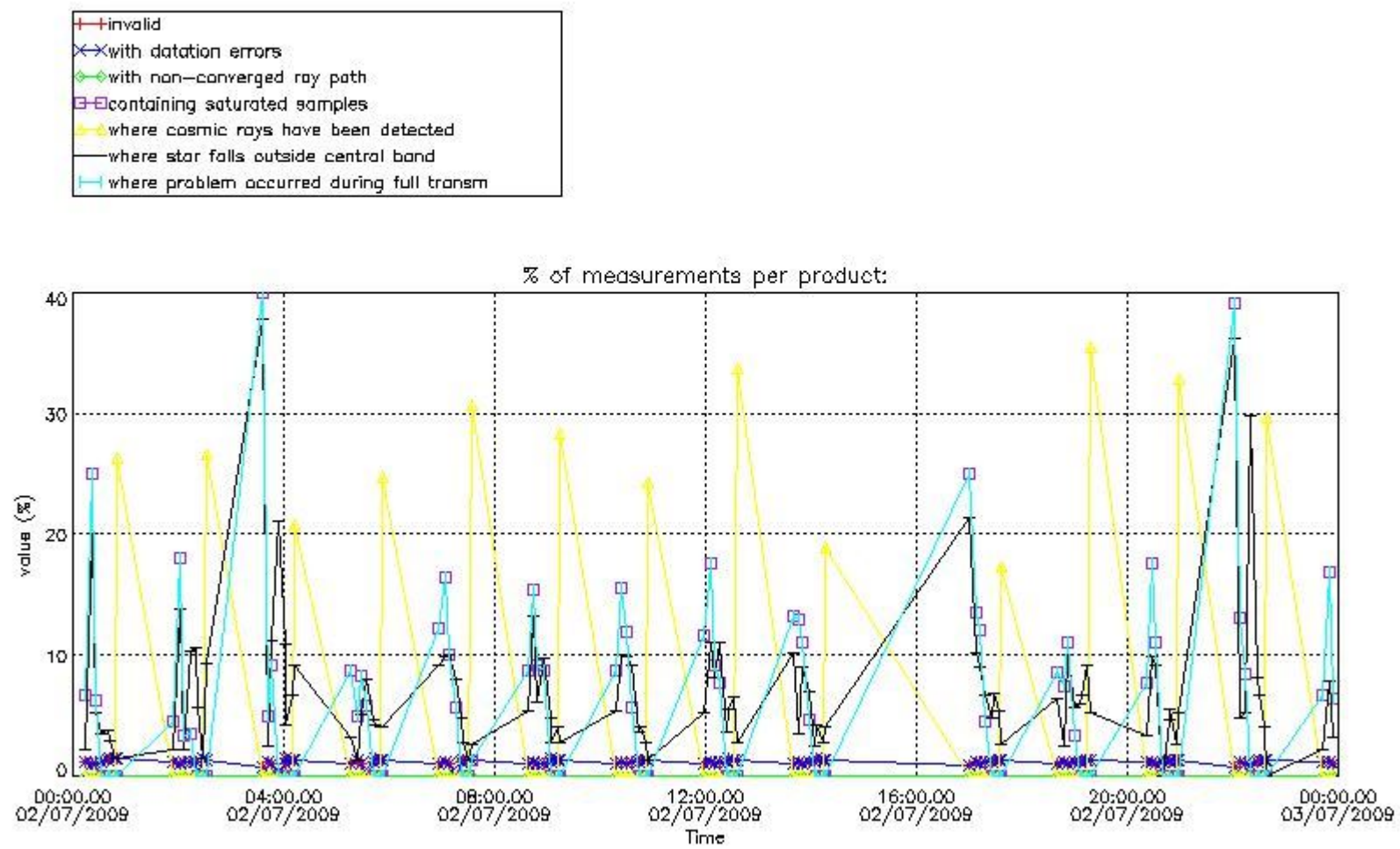
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



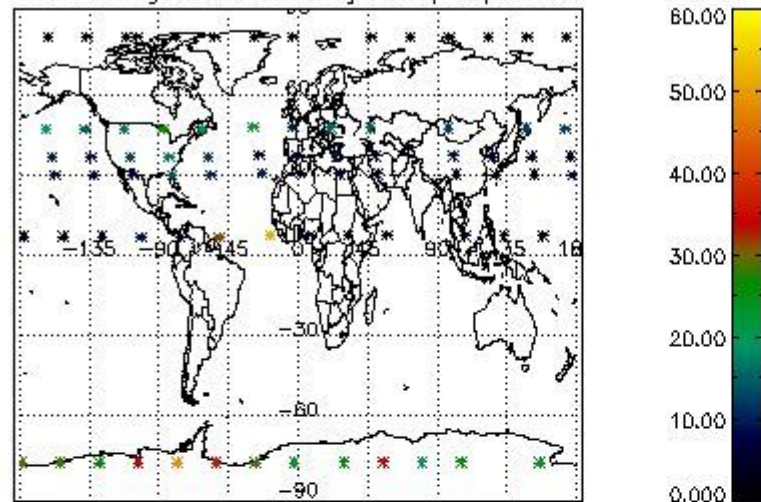
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



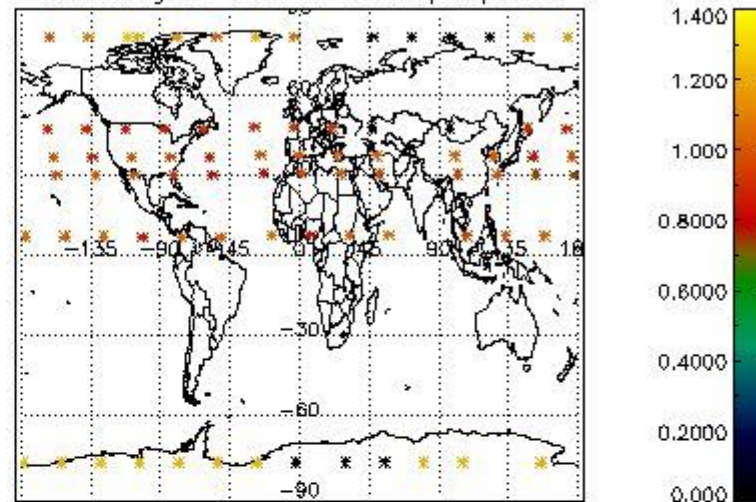
4.2 Plot quality information per product coming from level 1b processing (world map)

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

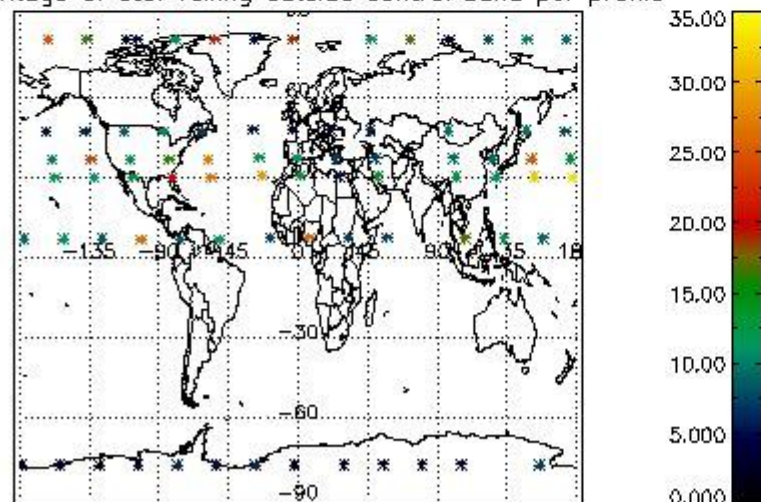
Percentage of cosmic ray hits per profile



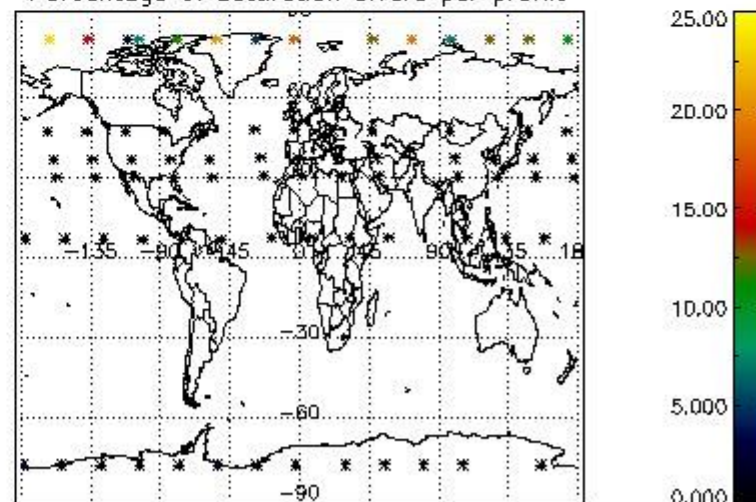
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

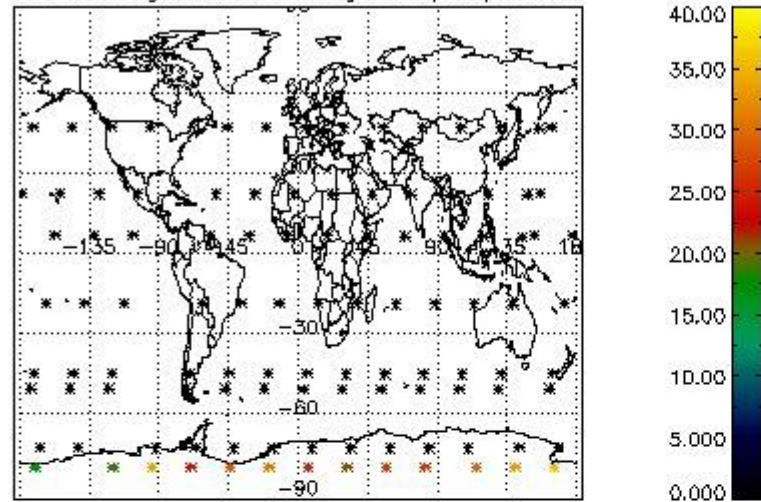


Percentage of saturation errors per profile

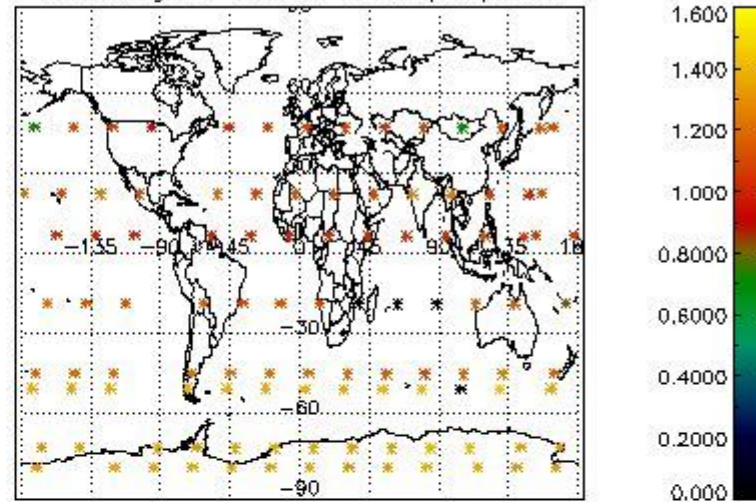


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

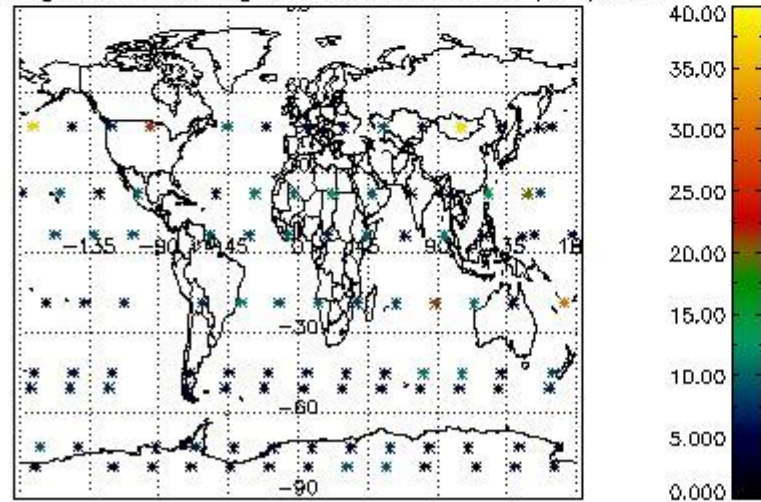
Percentage of cosmic ray hits per profile



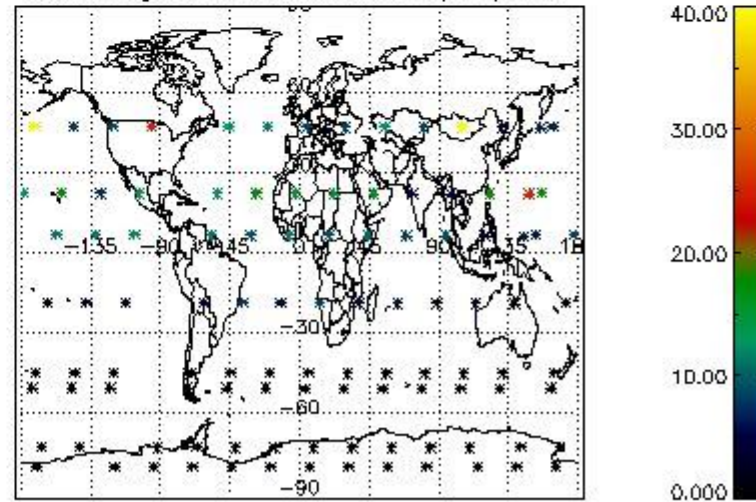
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

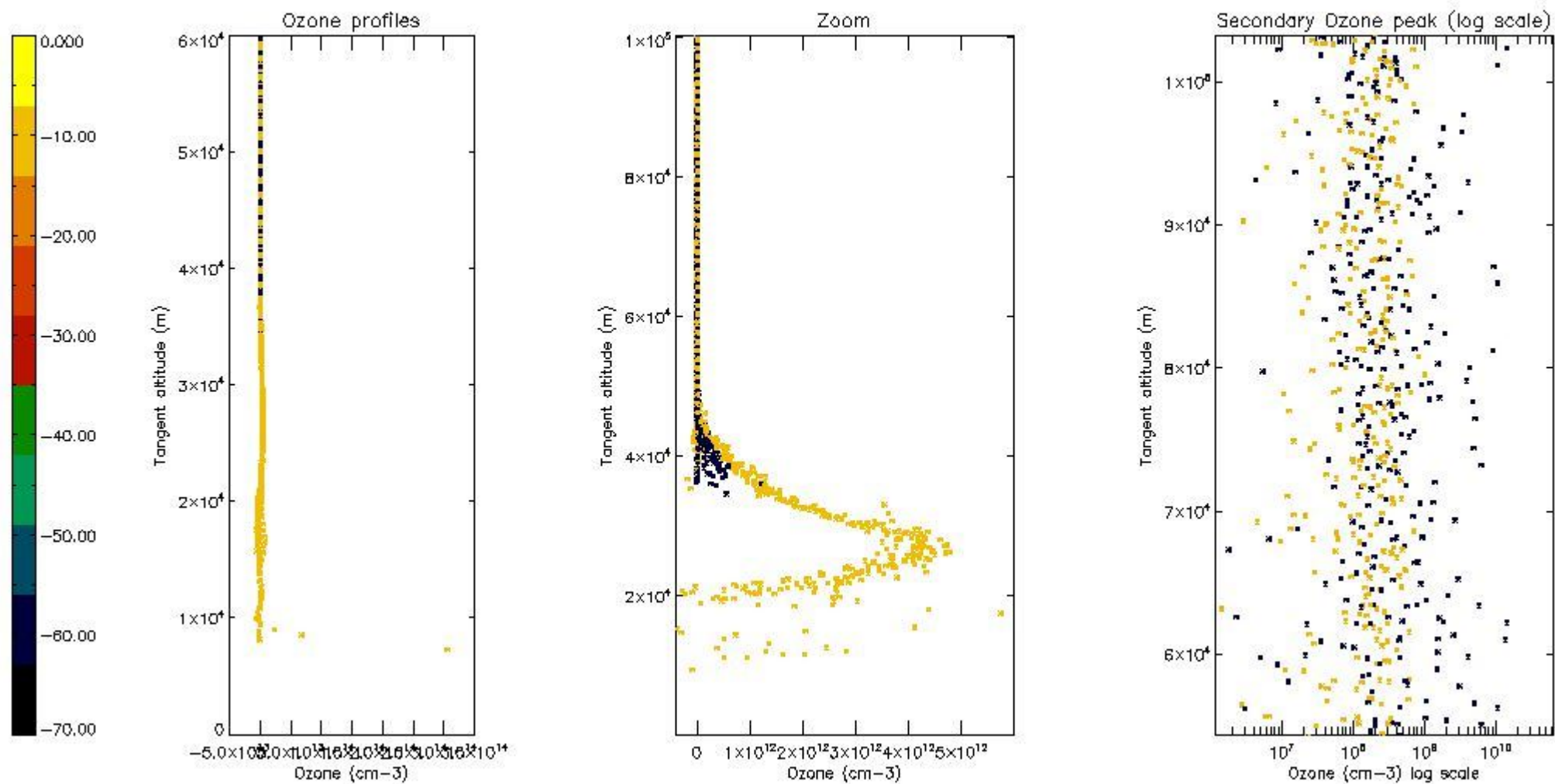
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	14
STD < 20	3

STD < 10	1
STD < 5	0

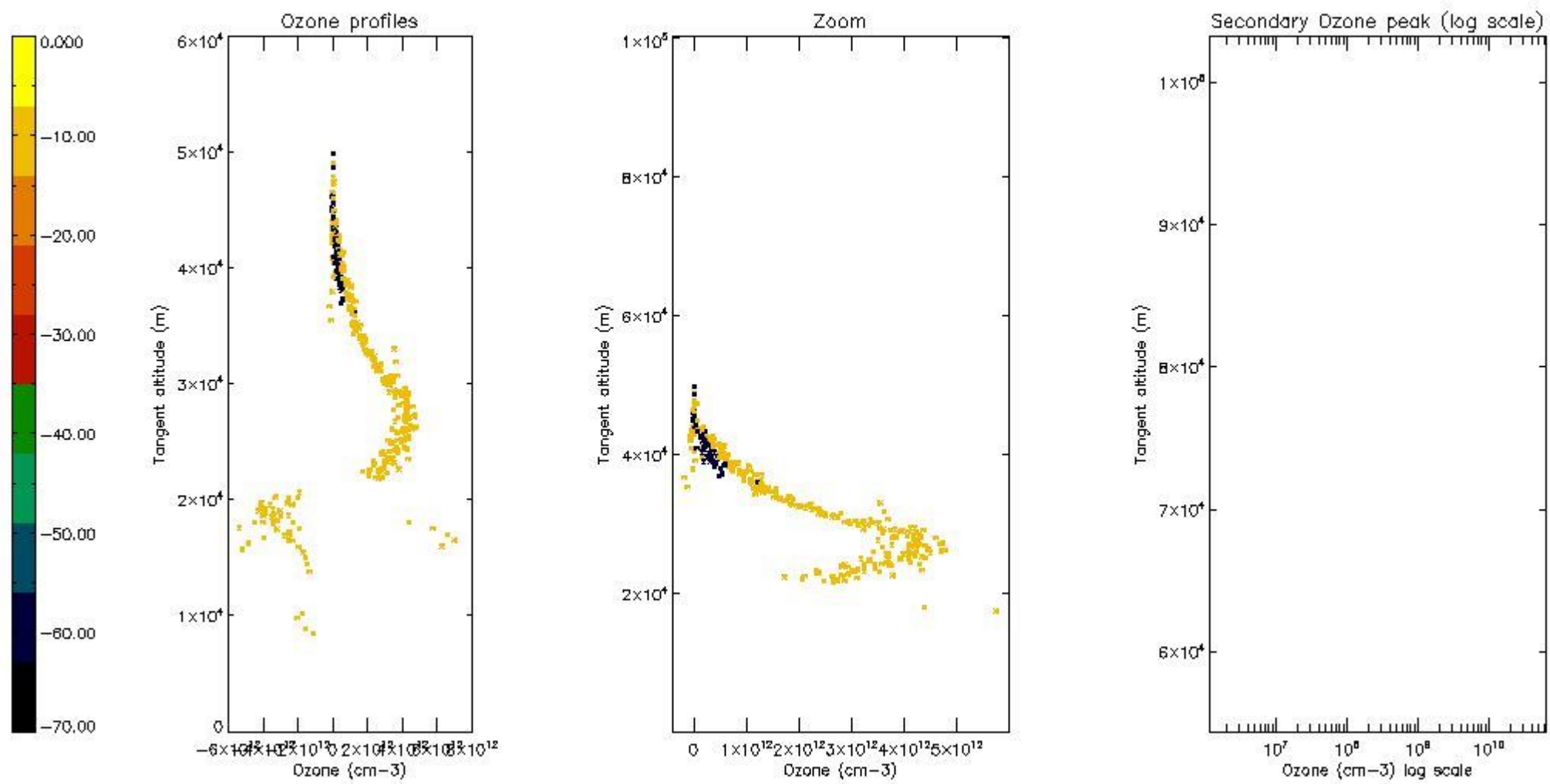
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



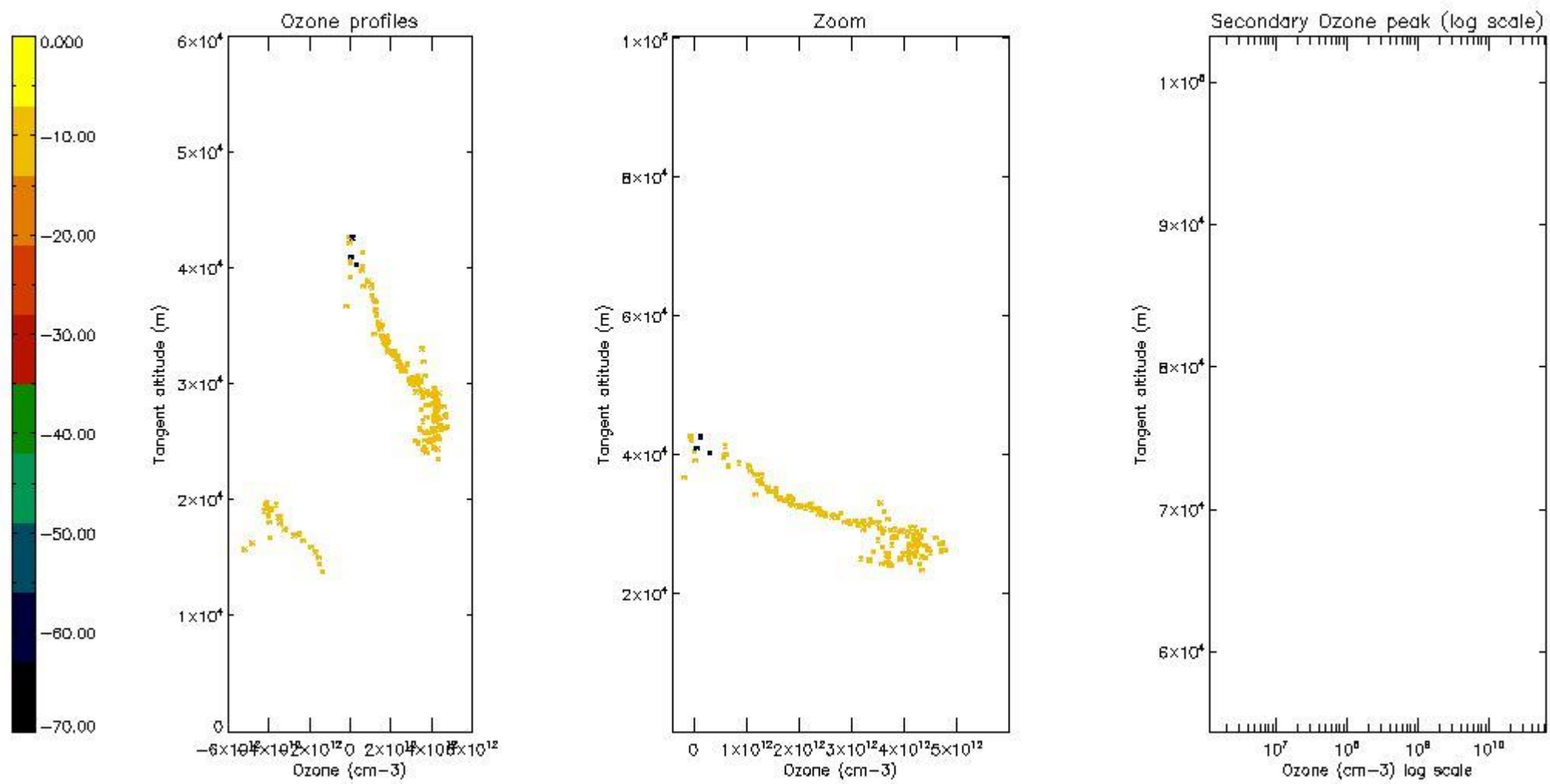
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



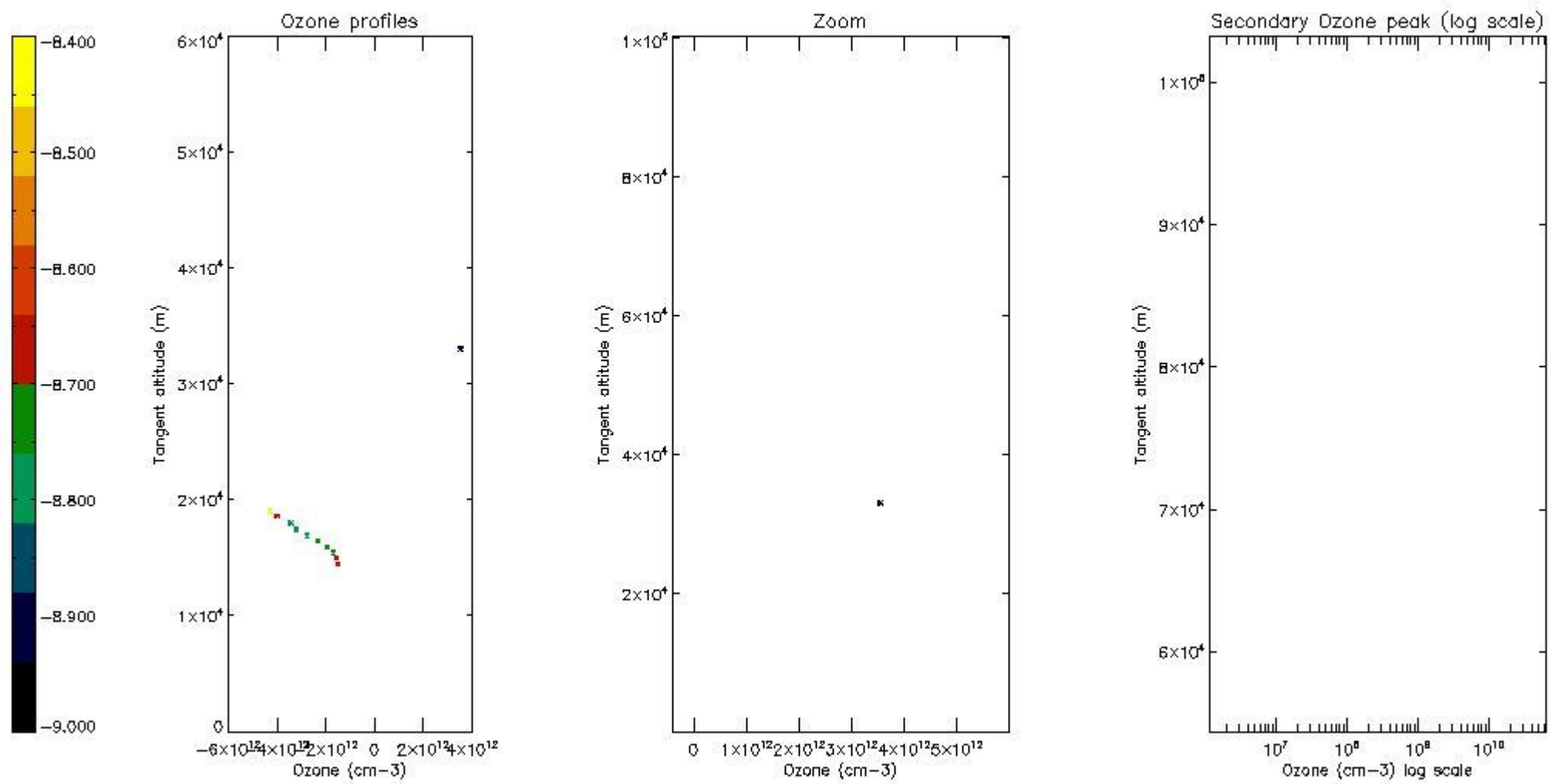
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



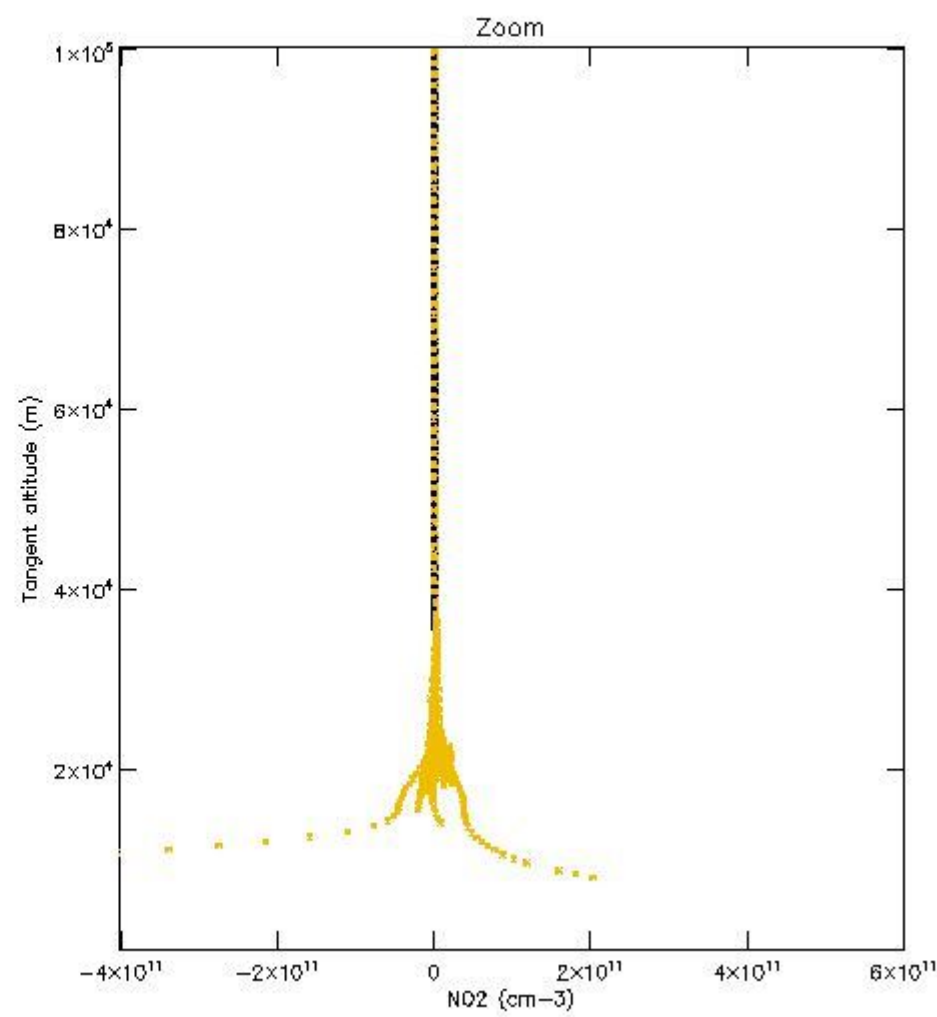
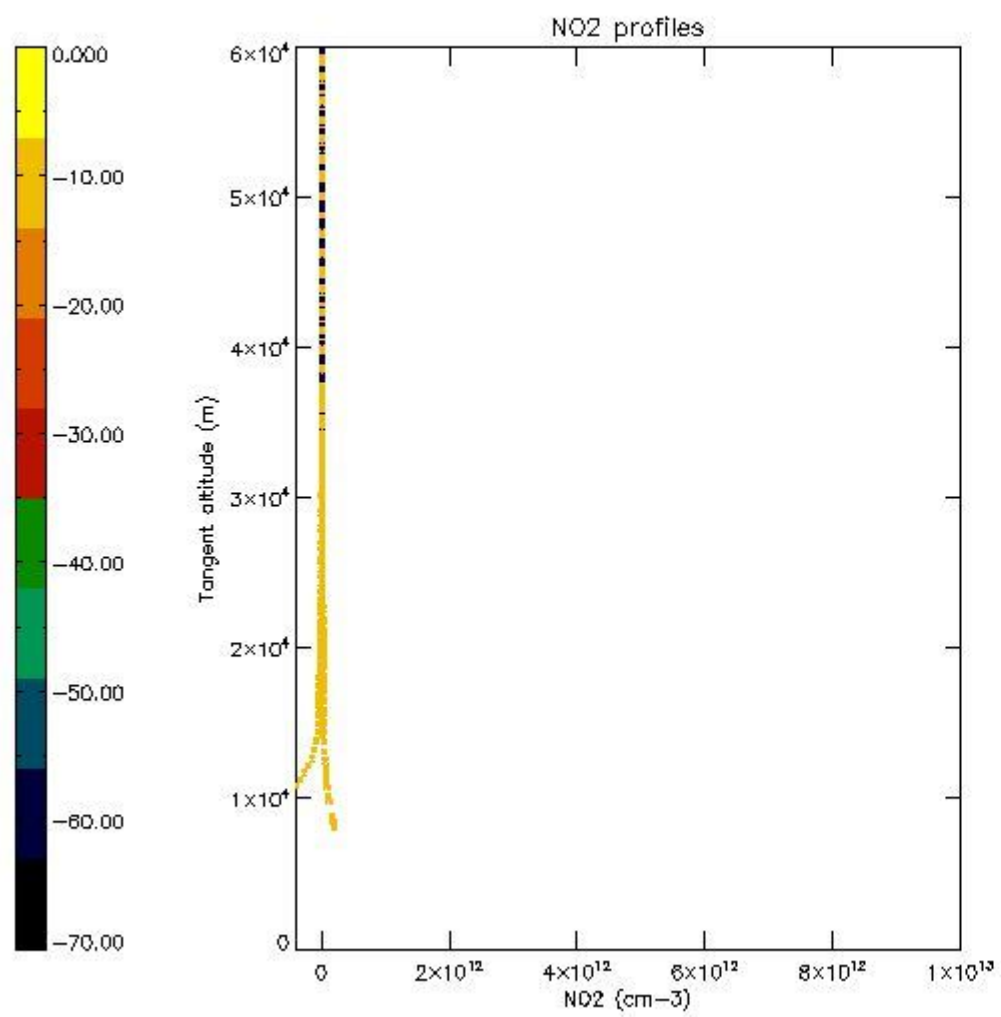
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



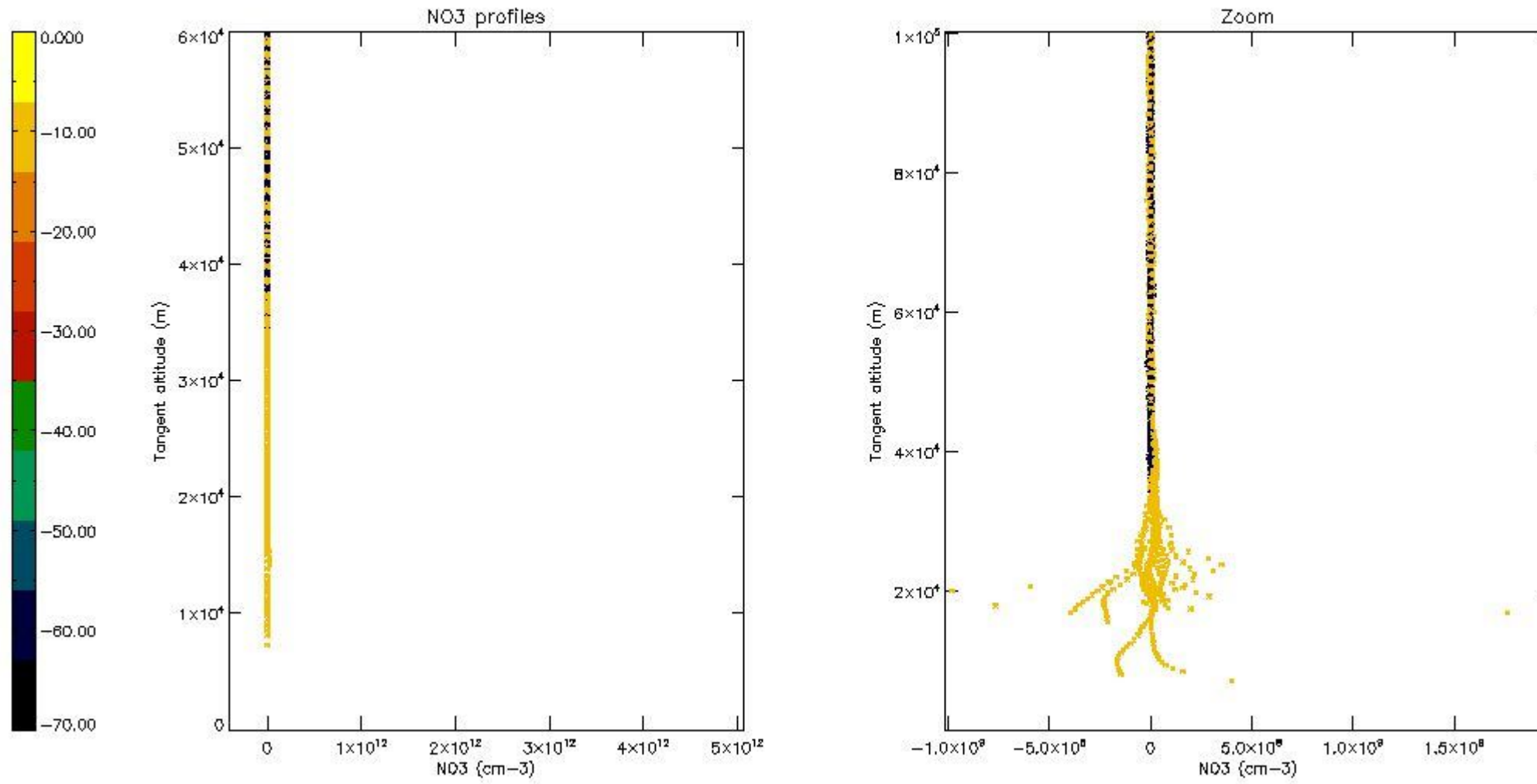
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

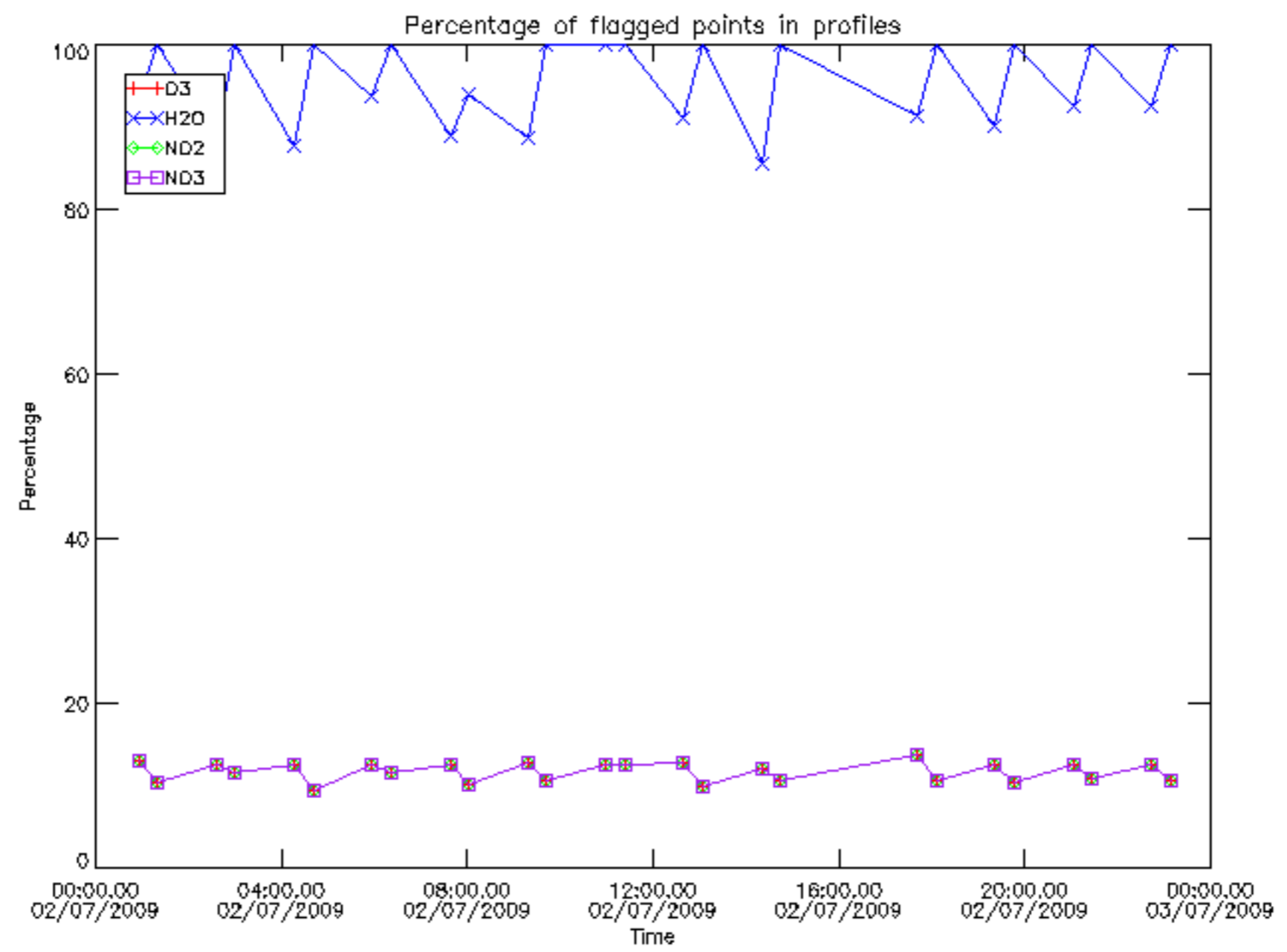
The colorbar represents the latitude.



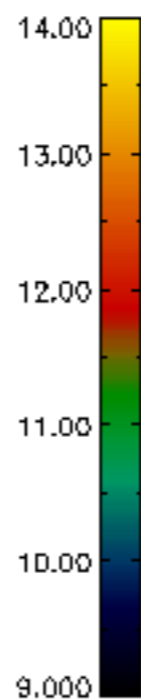
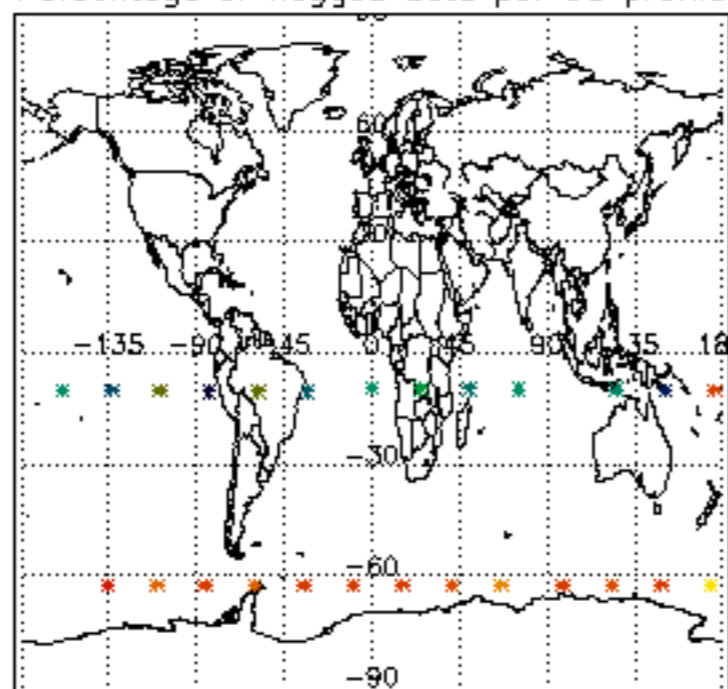
6. Auxiliary Data Files used for the production reported in section 2

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.

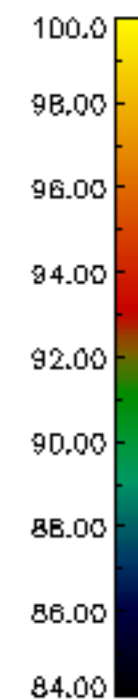
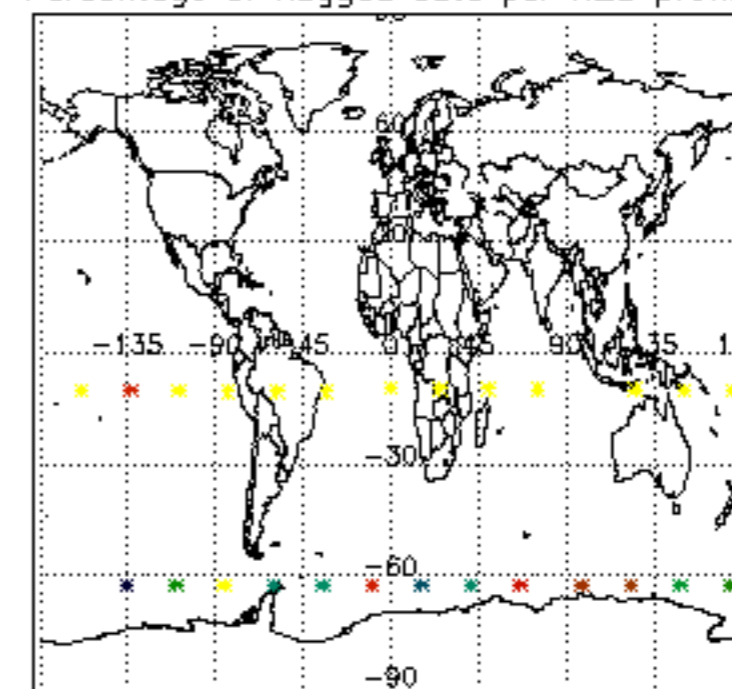
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	02-JUL-2009 00:01:57
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-JUL-2009 00:01:57
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-JUL-2009 00:01:57



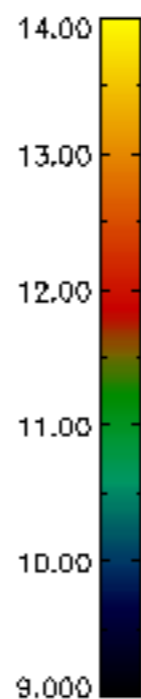
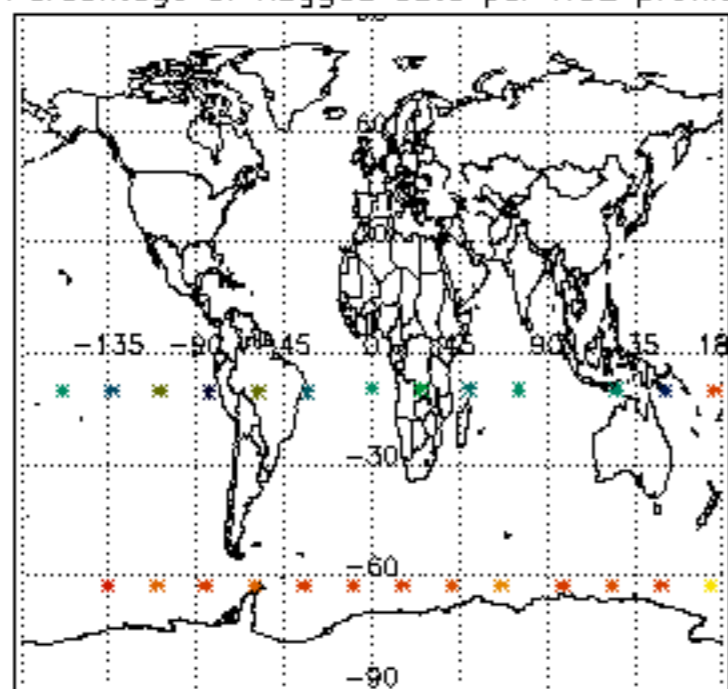
Percentage of flagged data per D3 profile



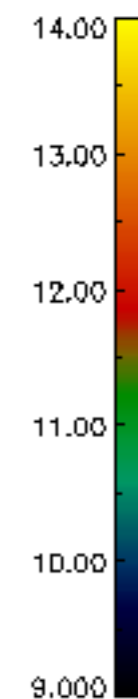
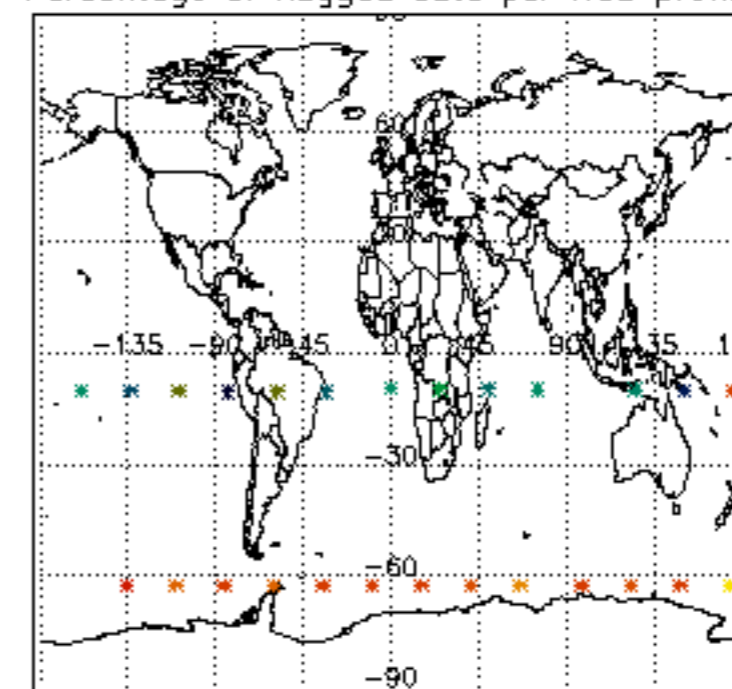
Percentage of flagged data per H2O profile

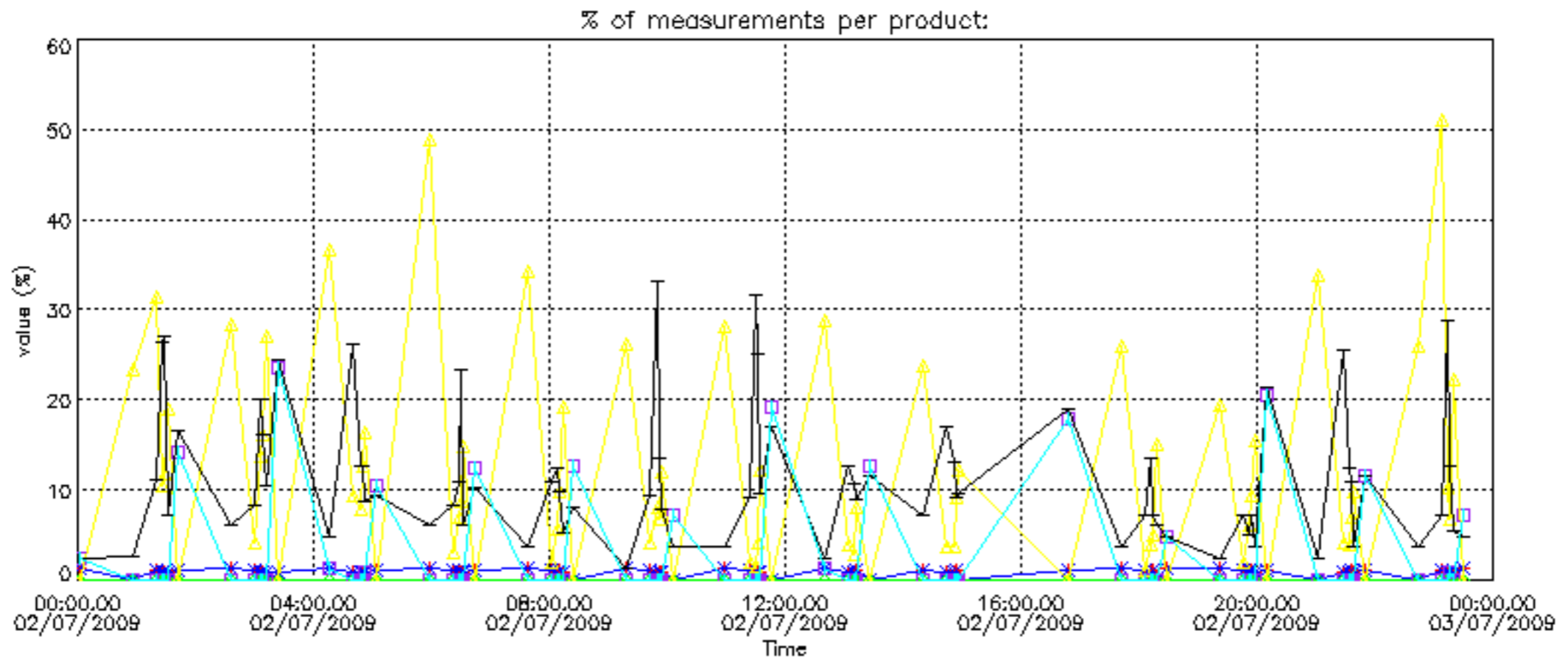


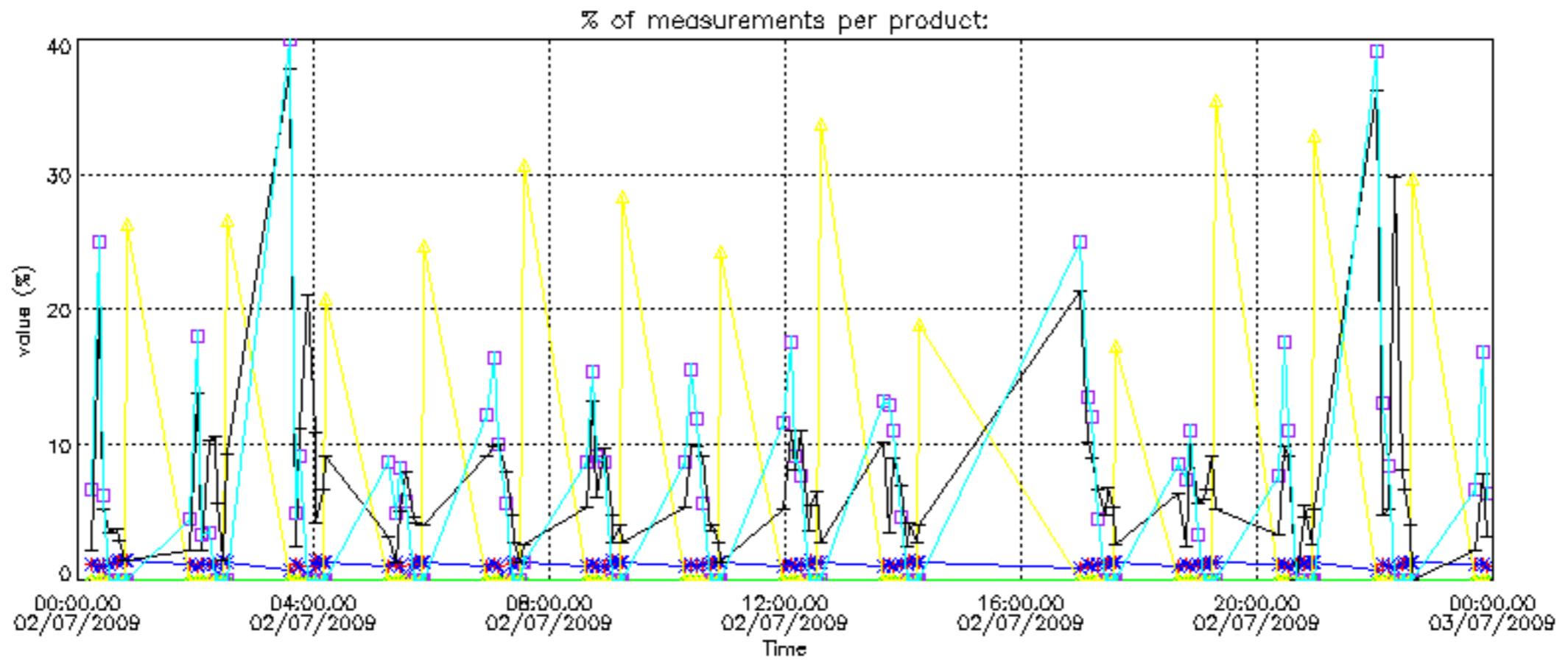
Percentage of flagged data per NO2 profile



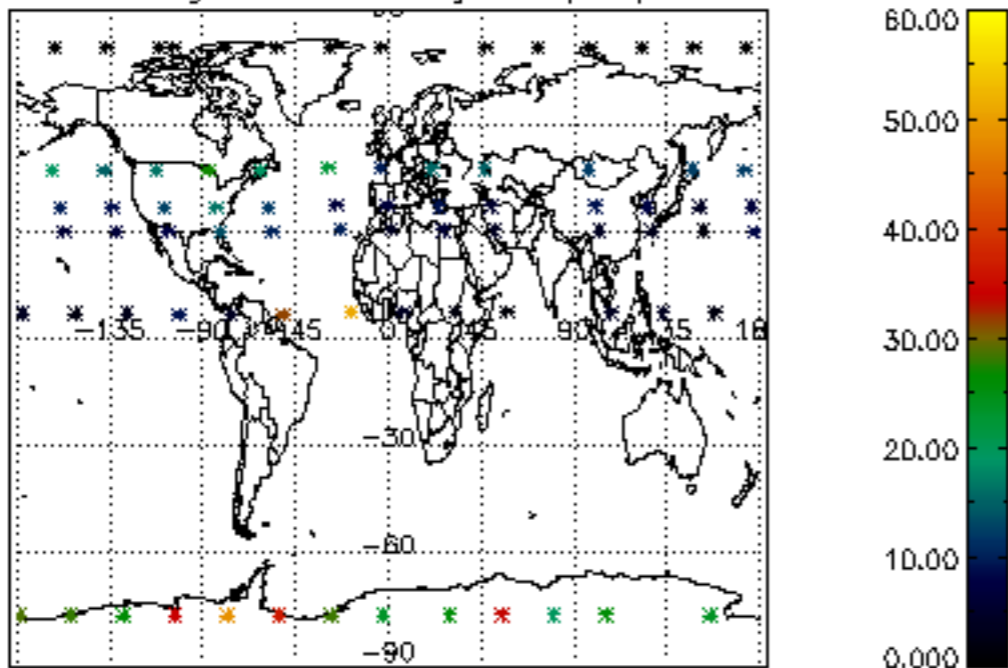
Percentage of flagged data per NO3 profile



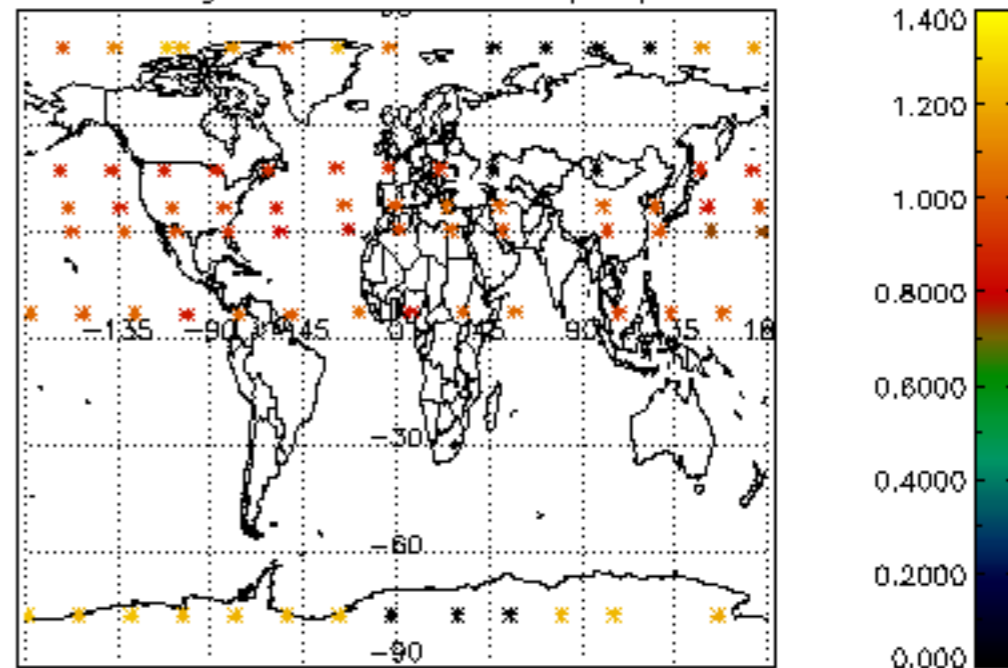




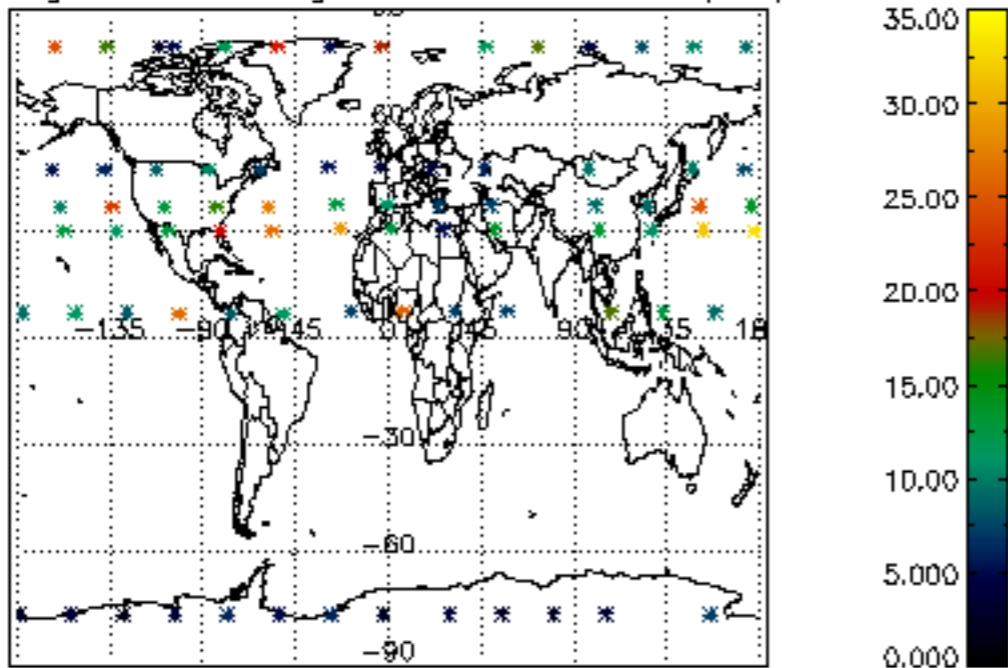
Percentage of cosmic ray hits per profile



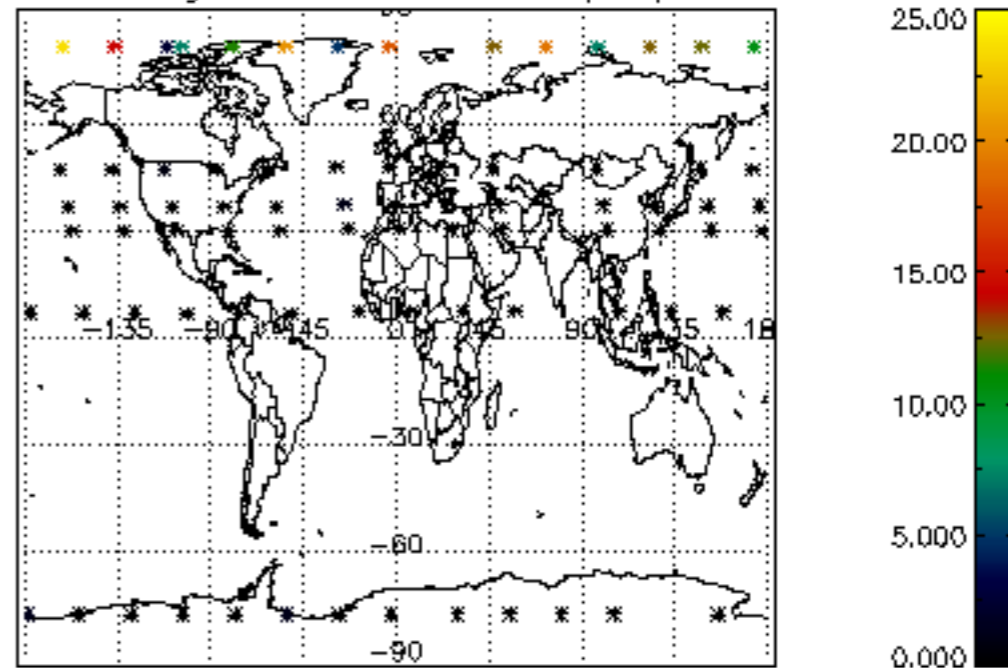
Percentage of datation errors per profile



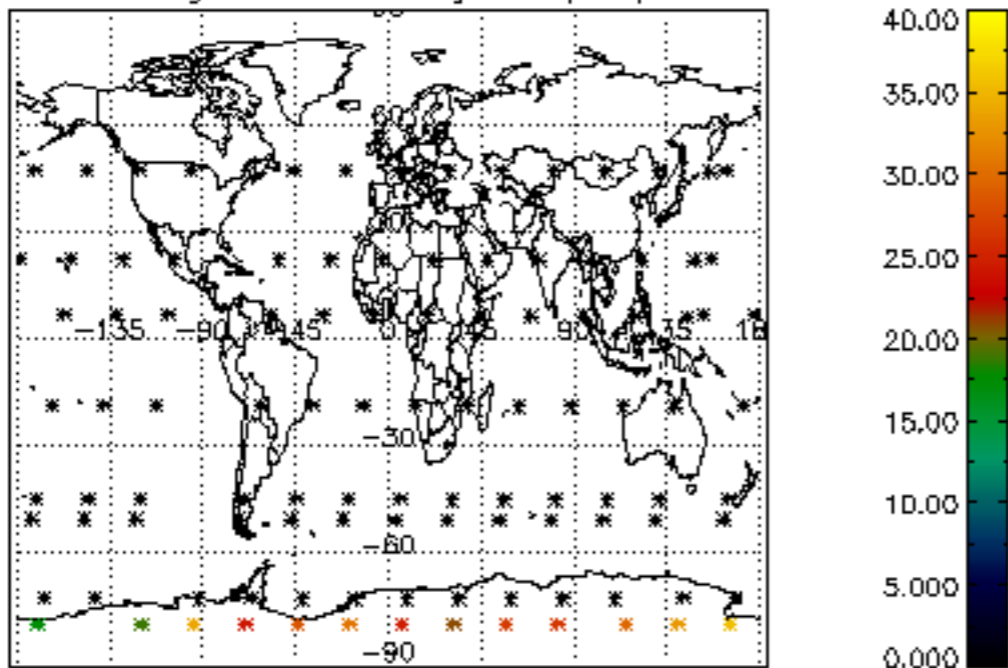
Percentage of star falling outside central band per profile



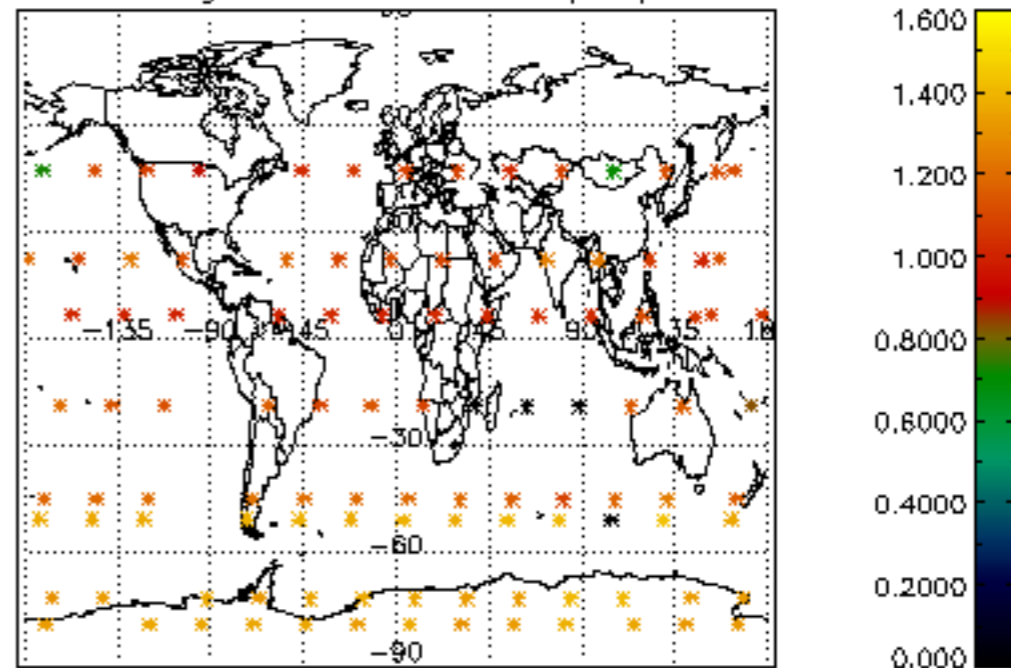
Percentage of saturation errors per profile



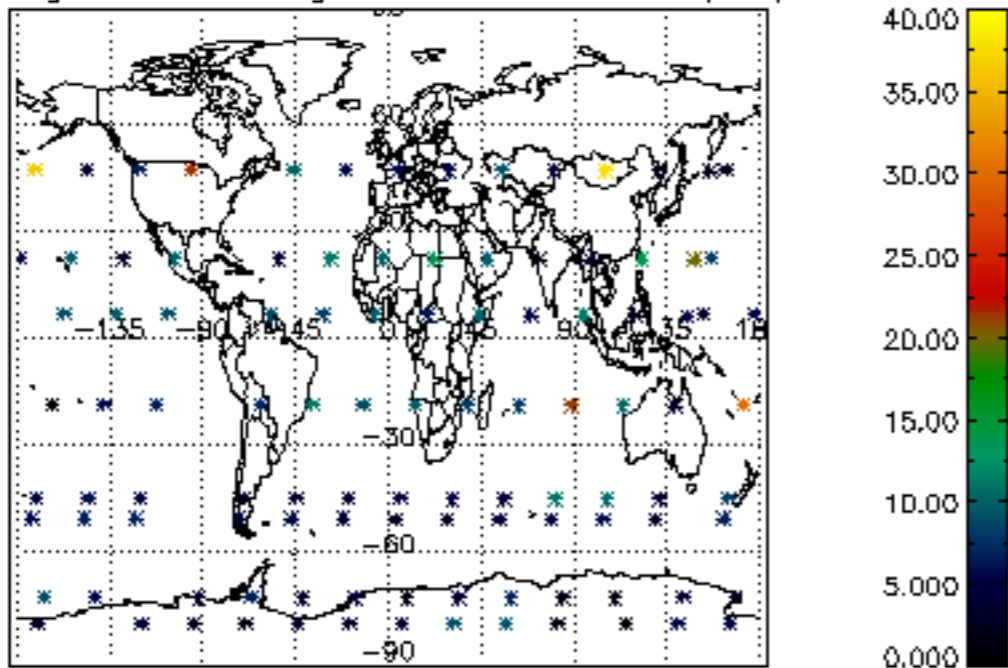
Percentage of cosmic ray hits per profile



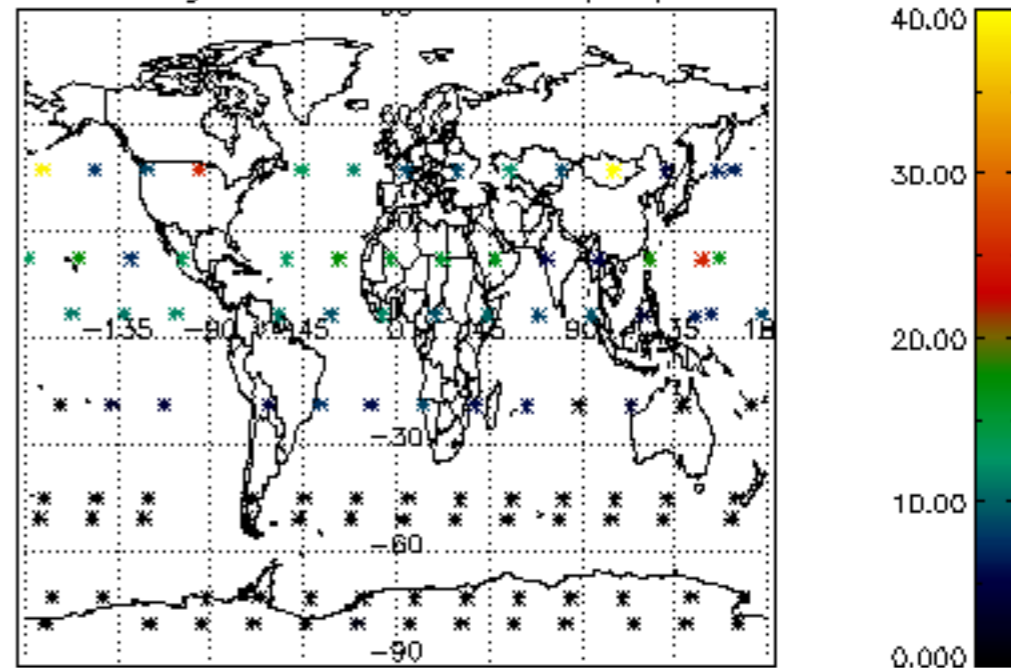
Percentage of datation errors per profile

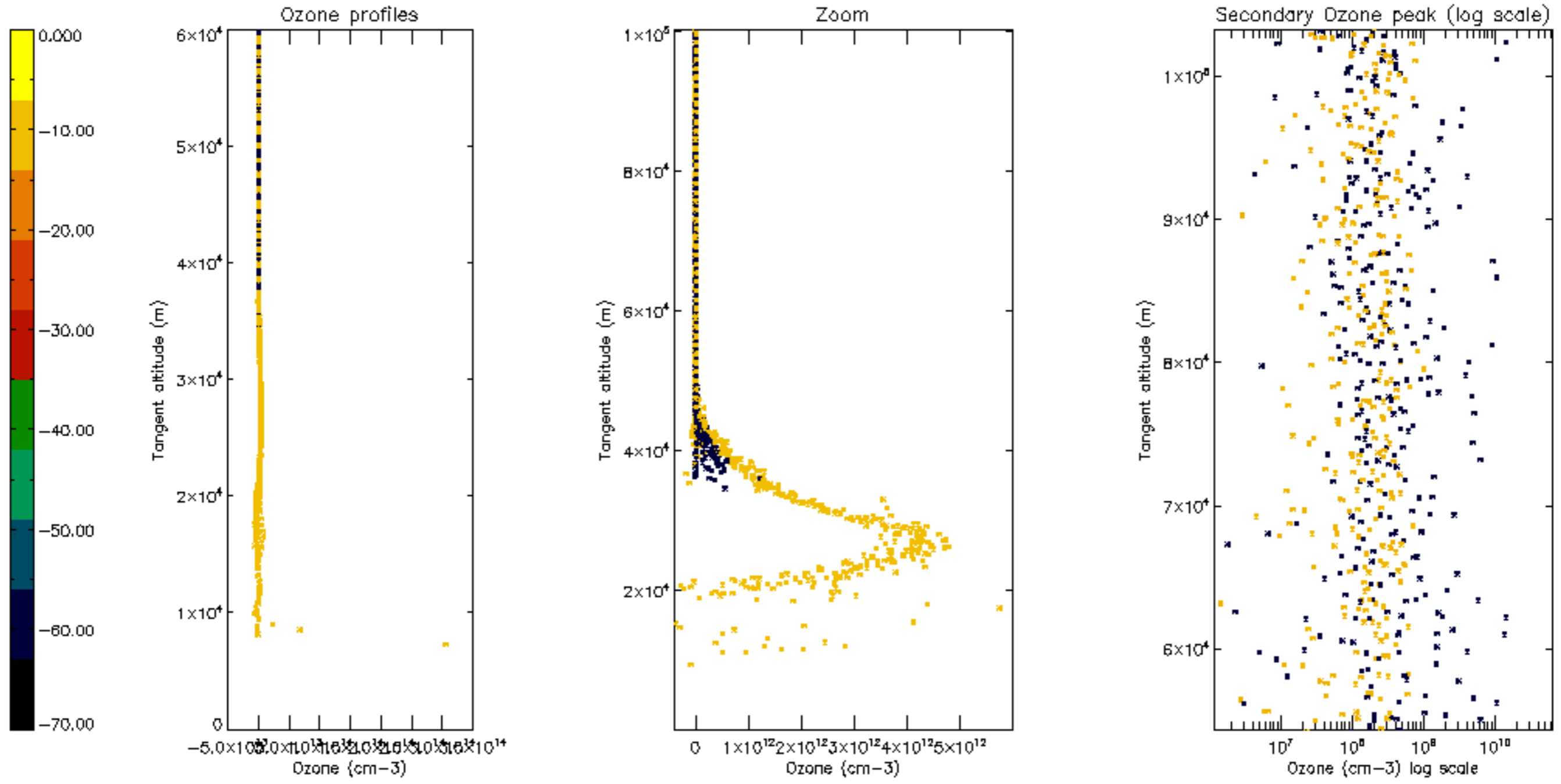


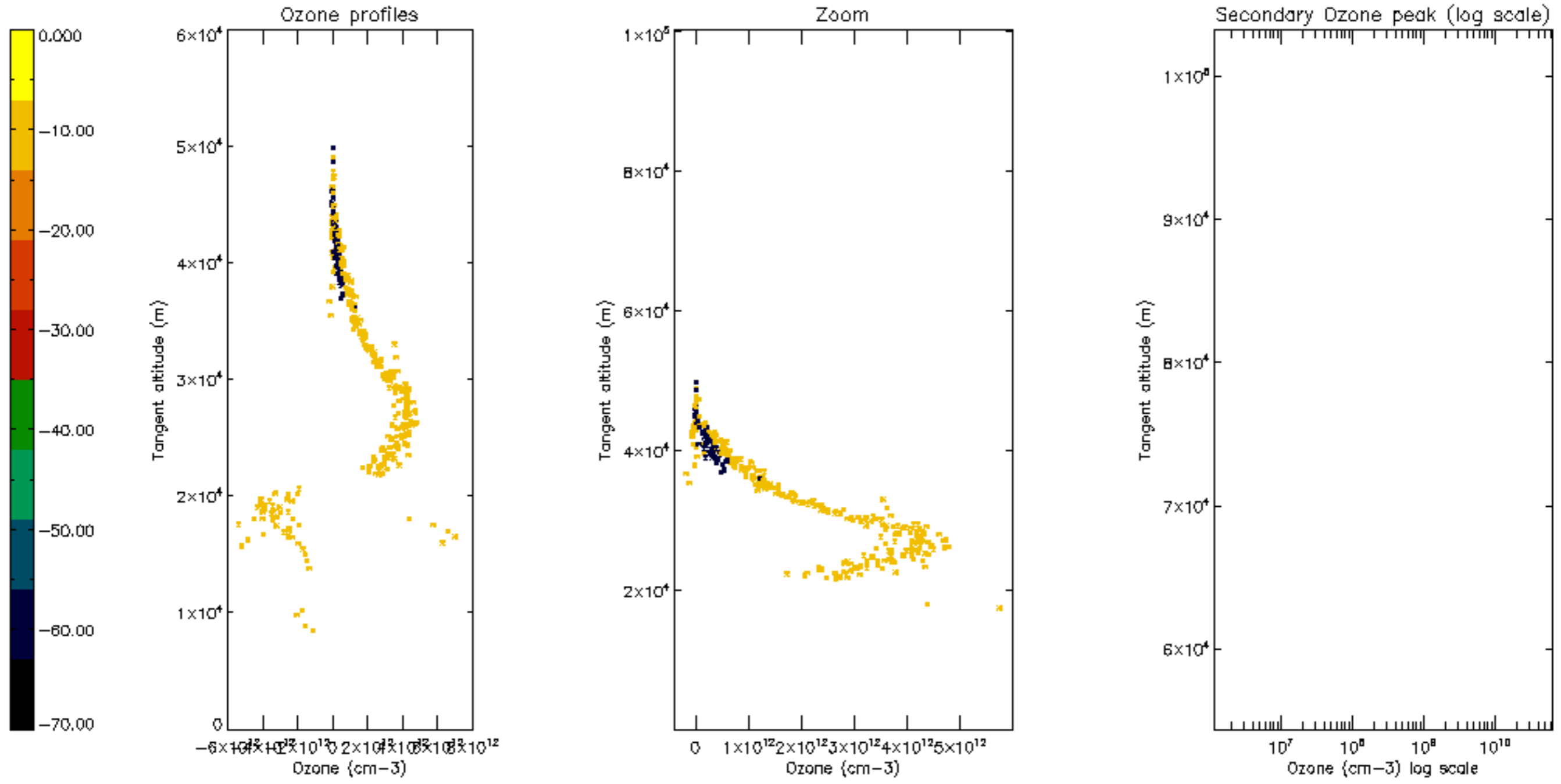
Percentage of star falling outside central band per profile

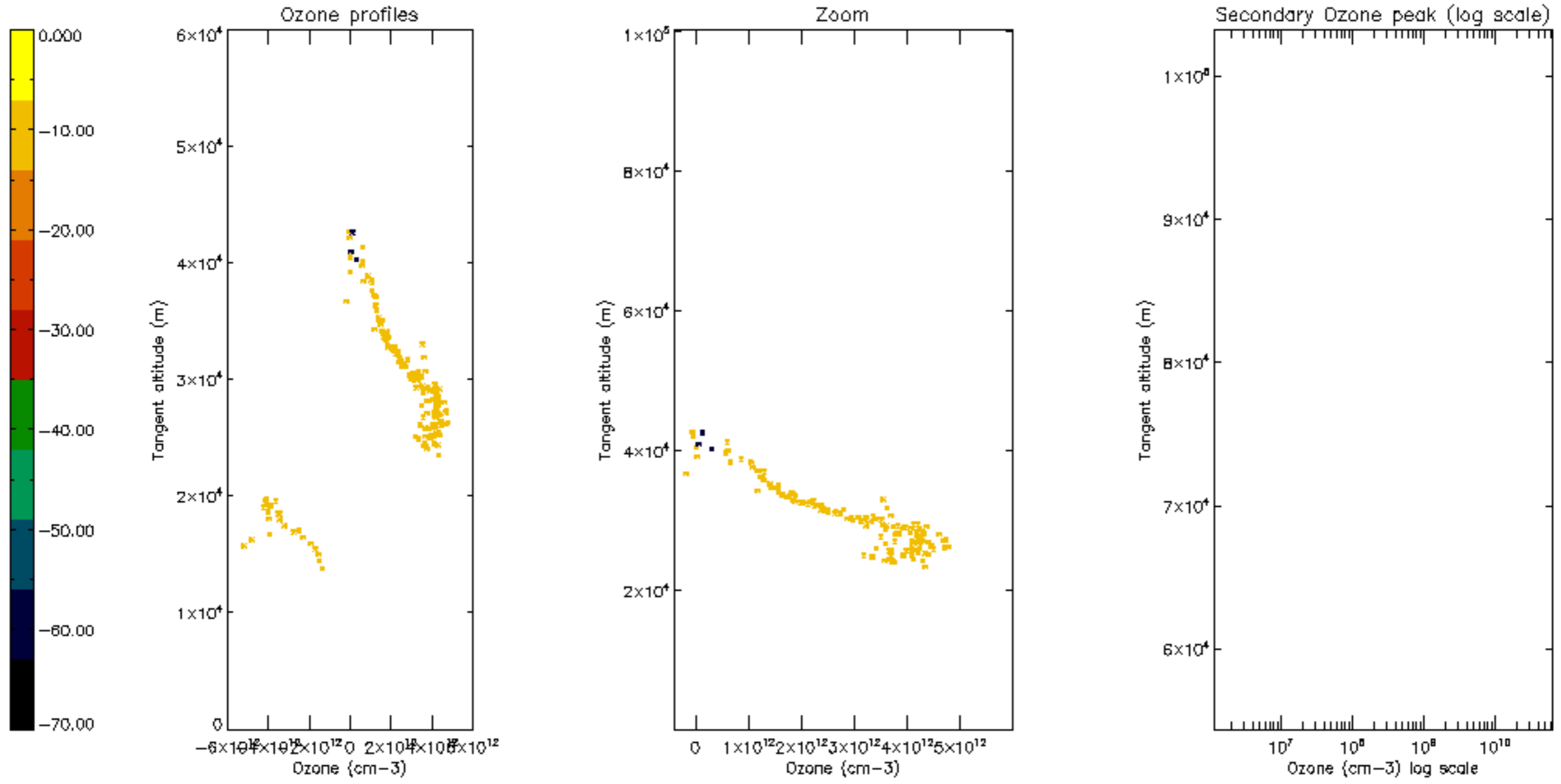


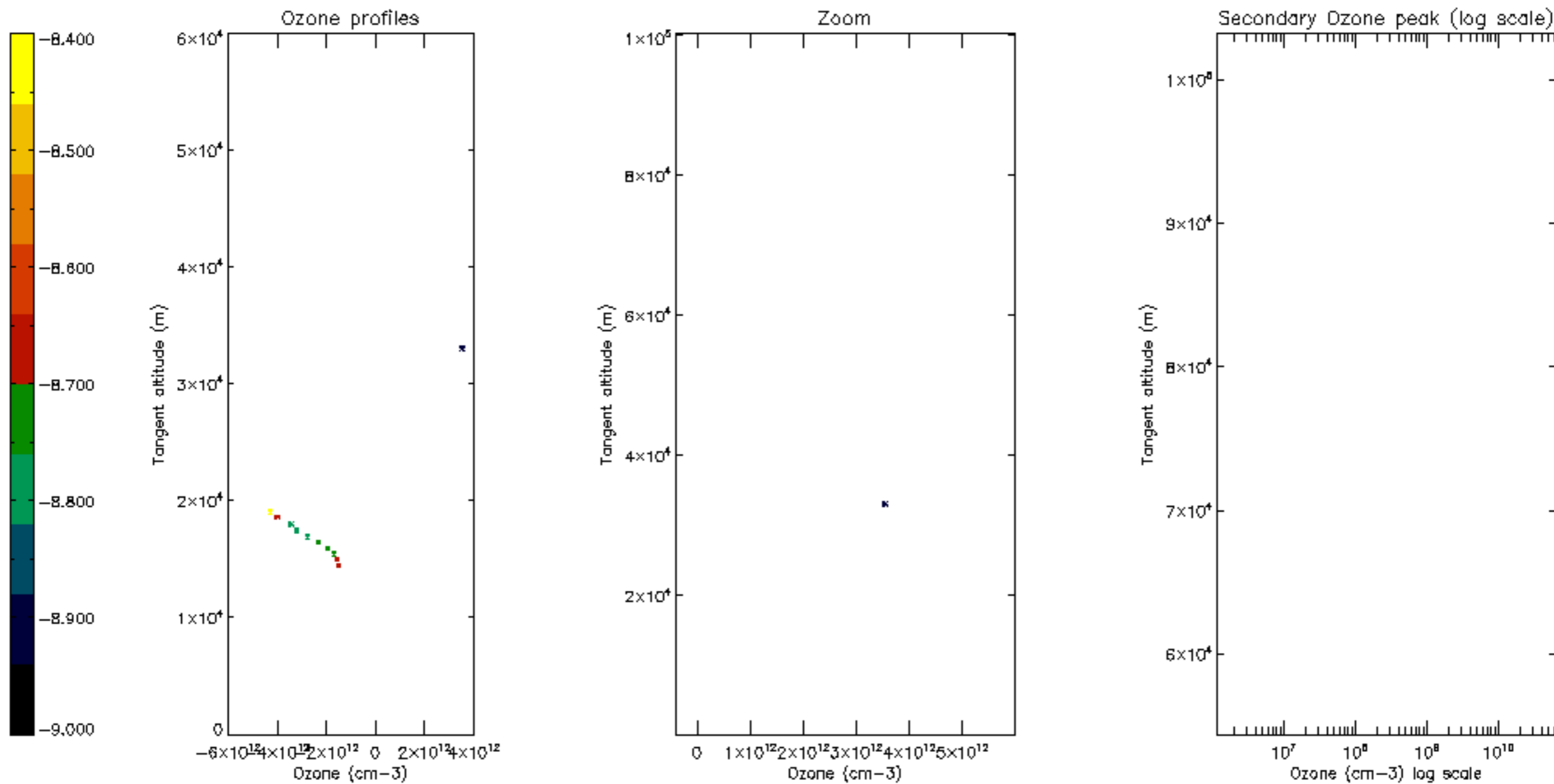
Percentage of saturation errors per profile

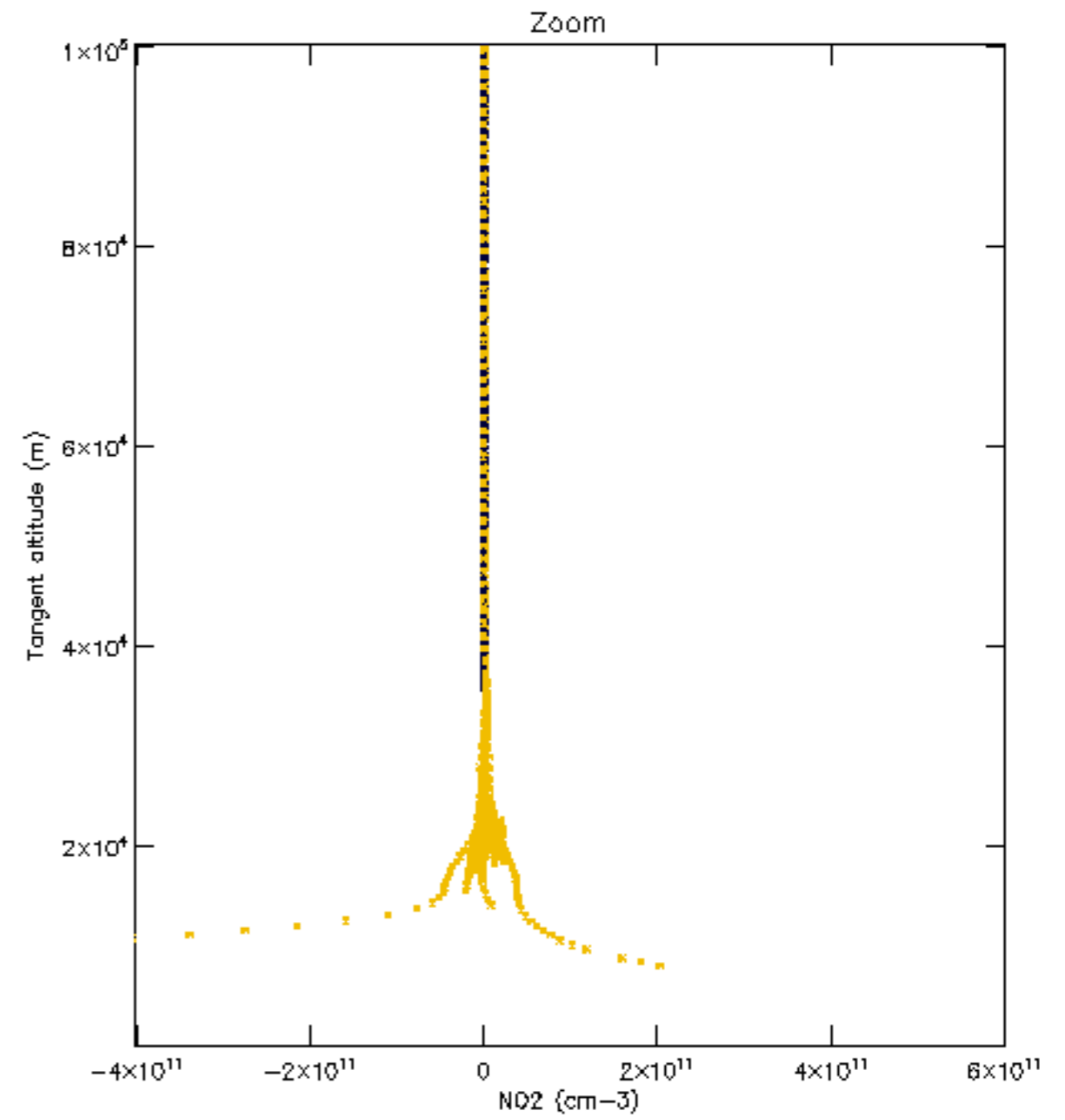
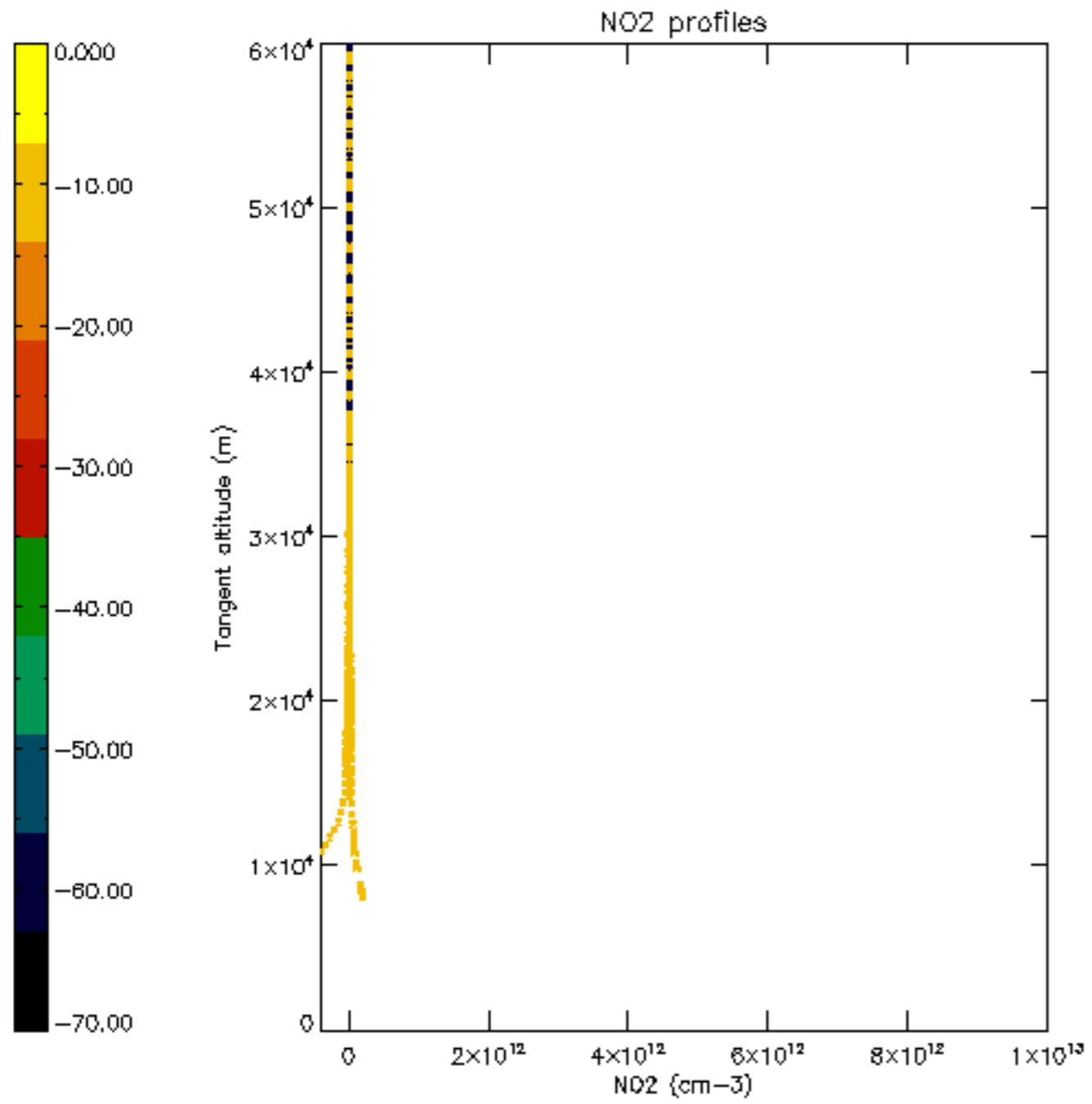


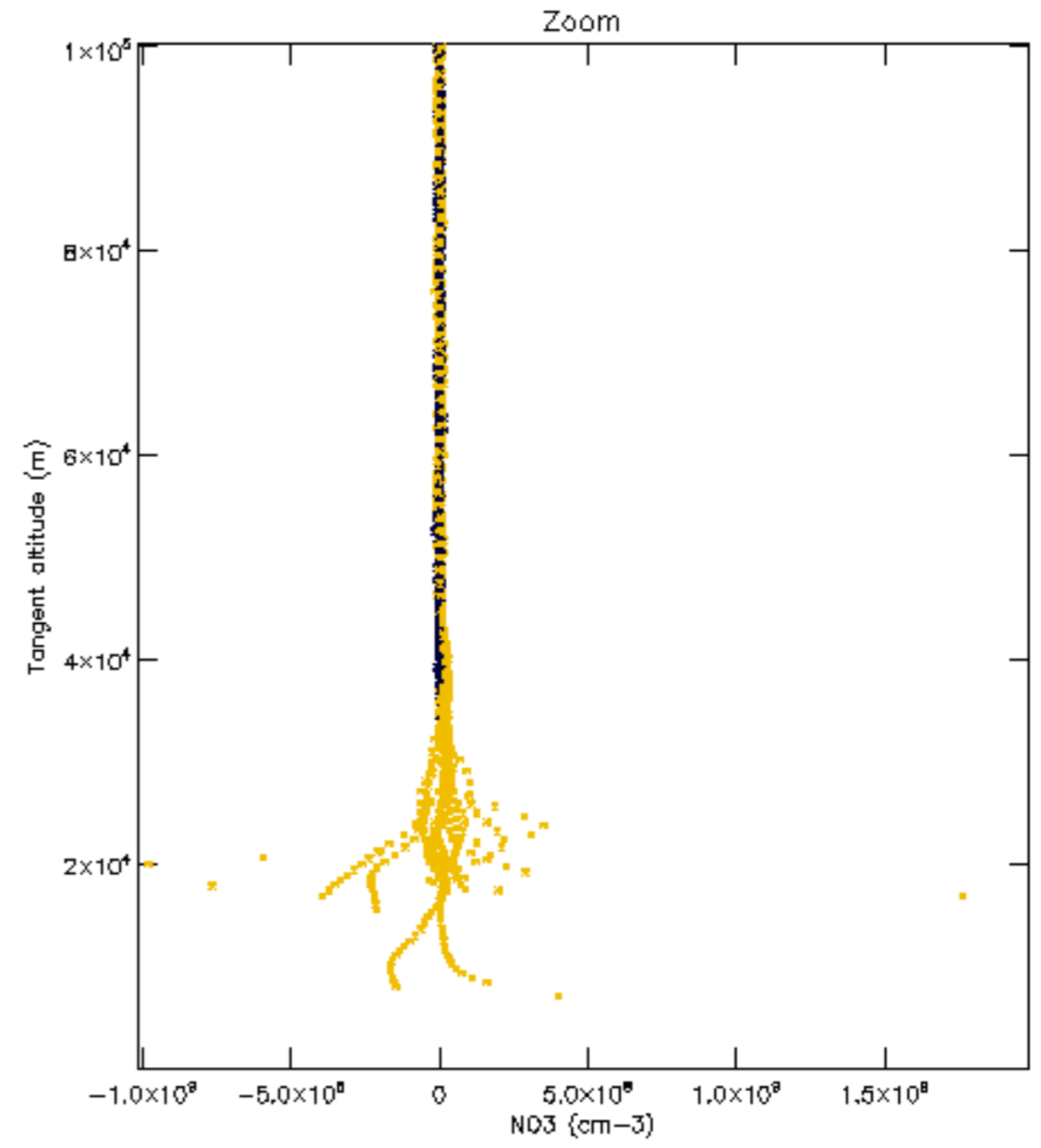
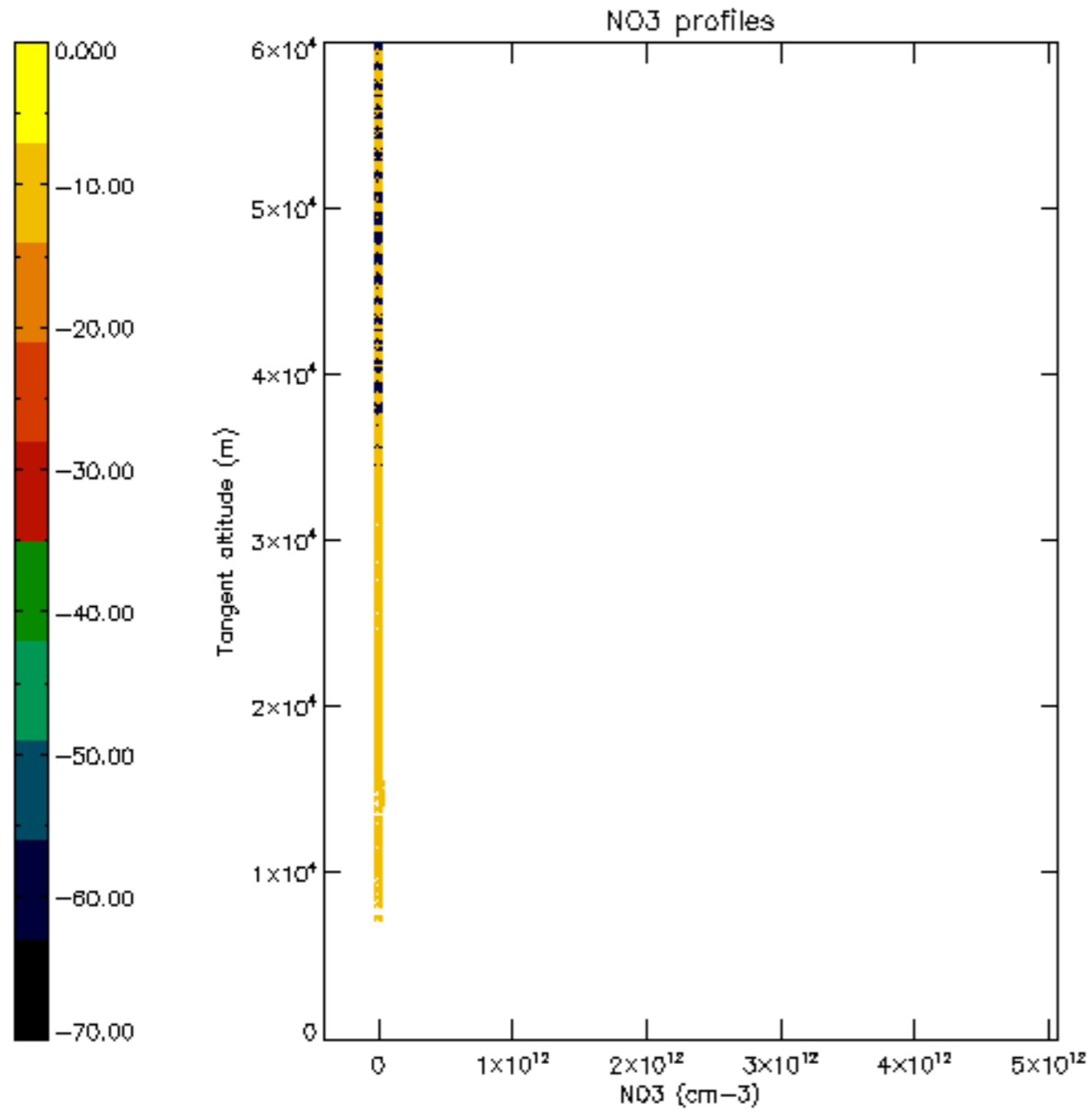


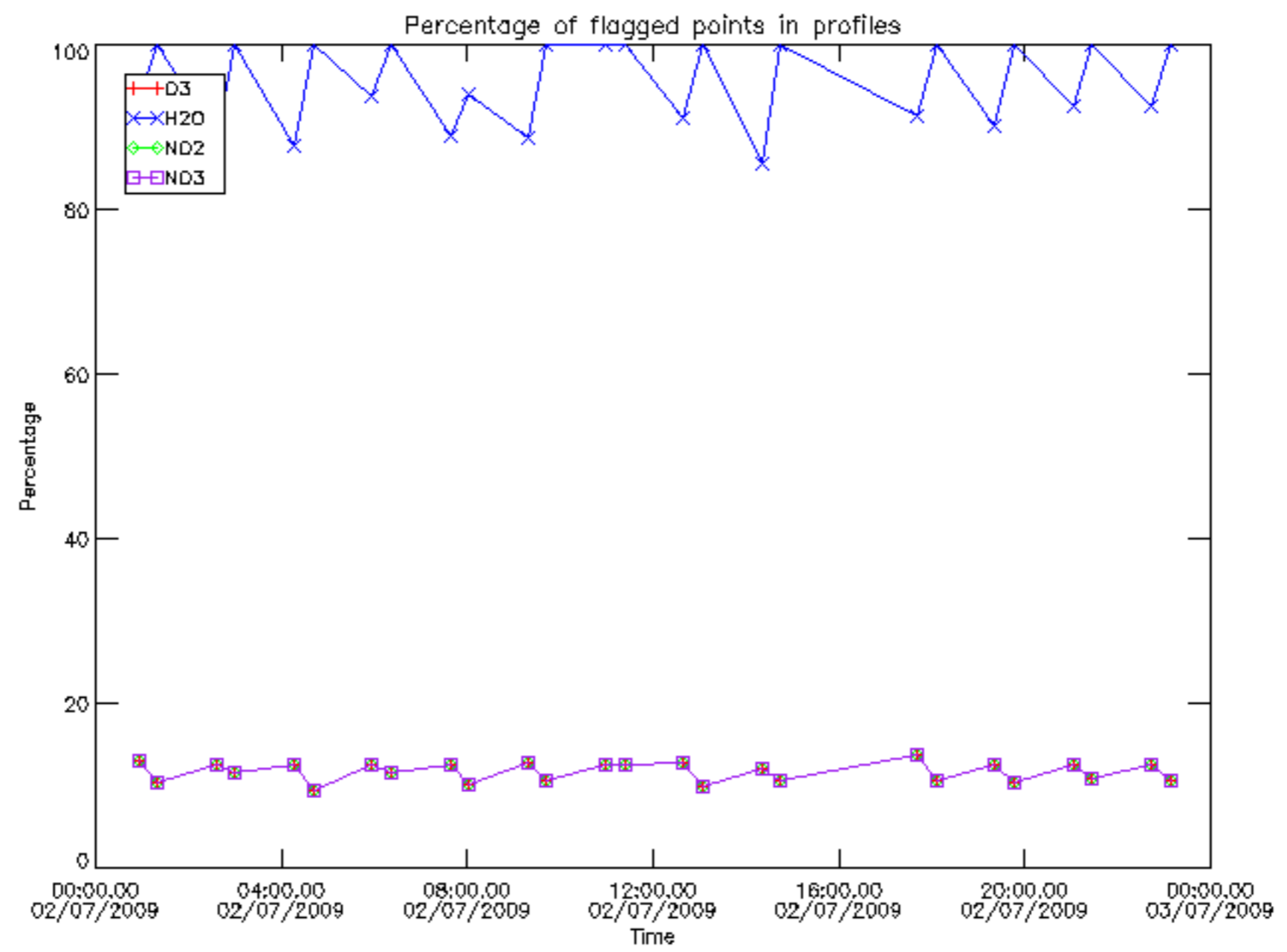




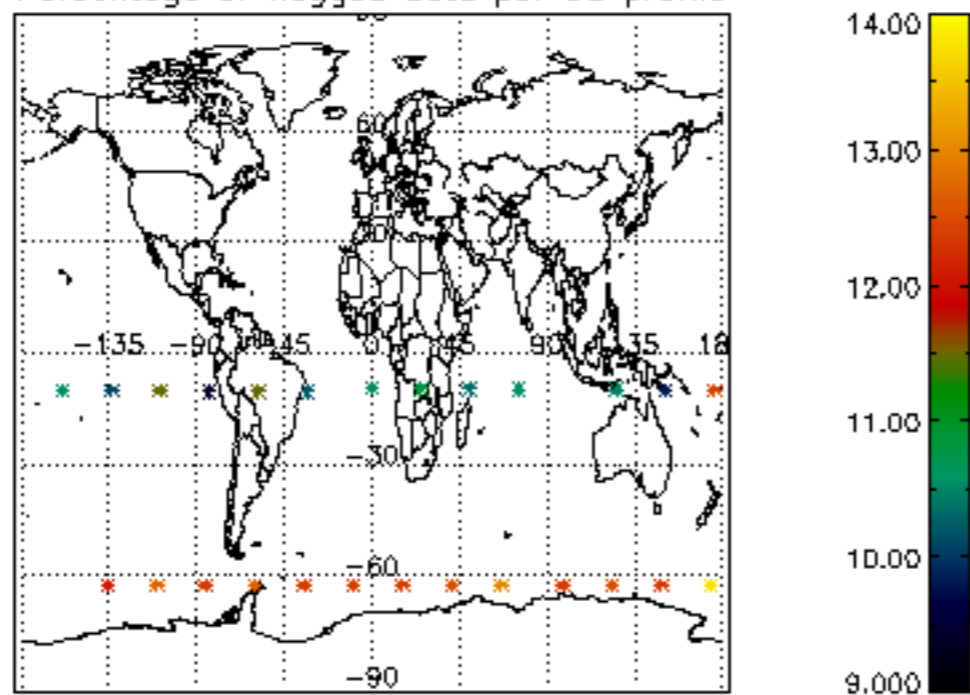




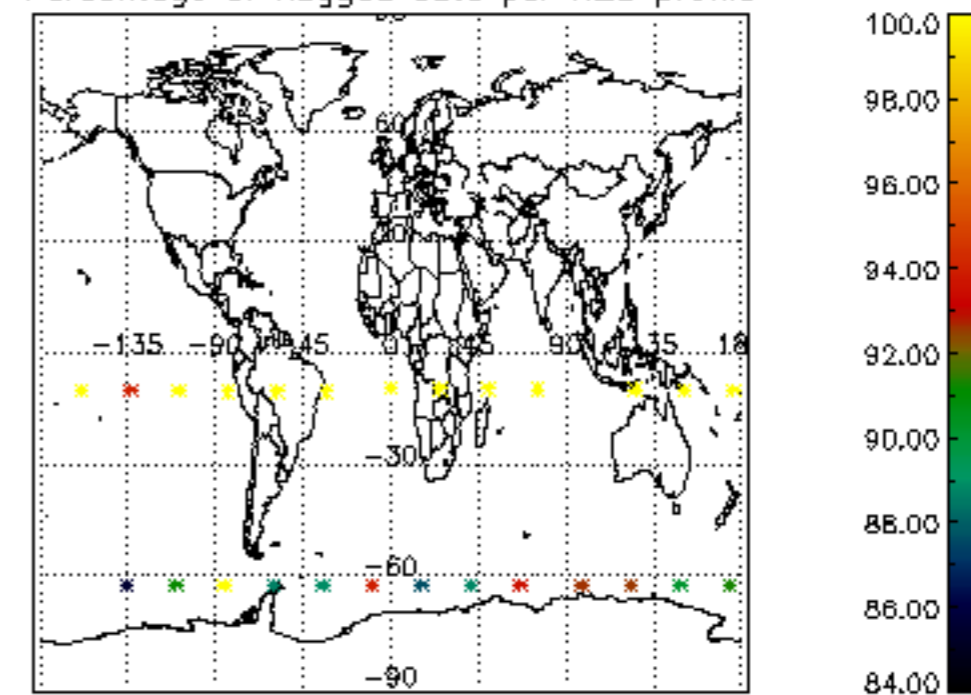




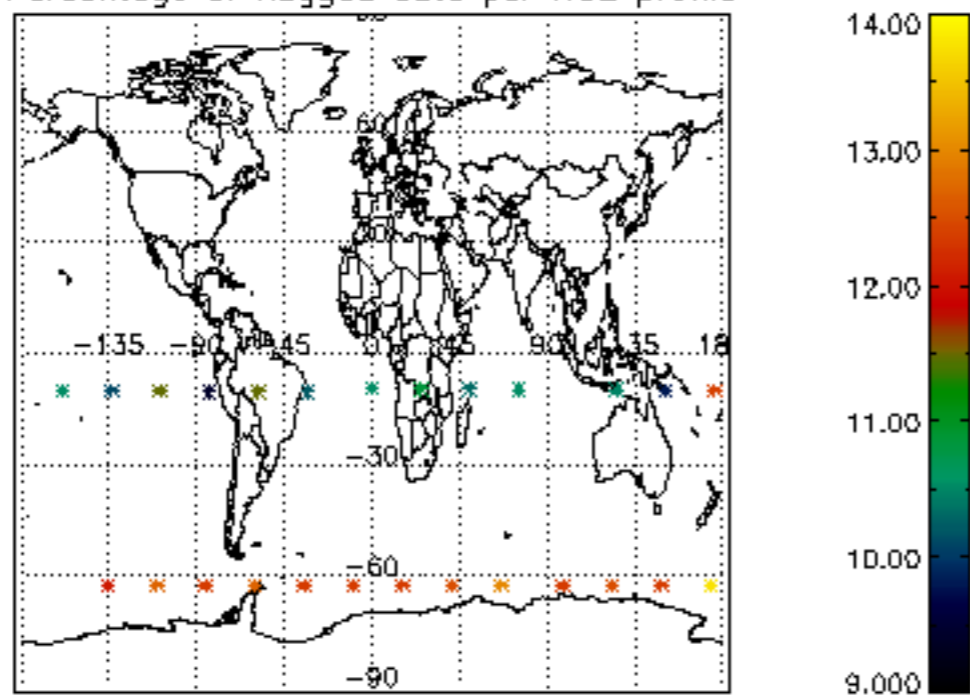
Percentage of flagged data per D3 profile



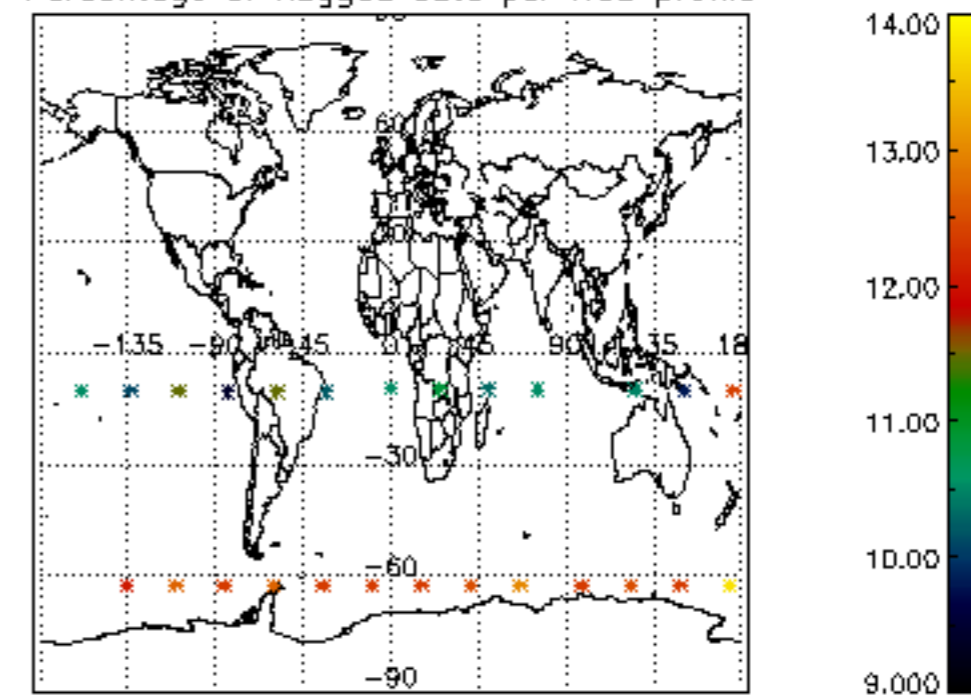
Percentage of flagged data per H2O profile

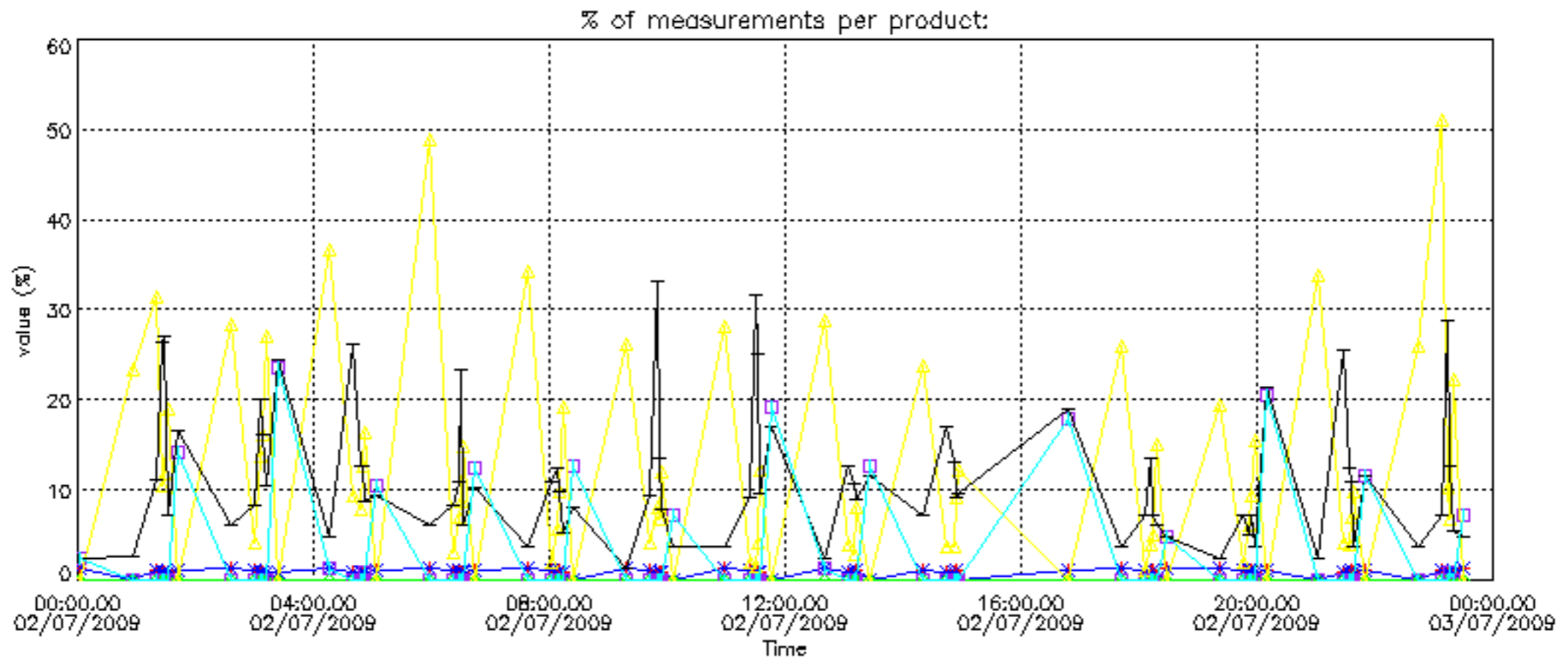


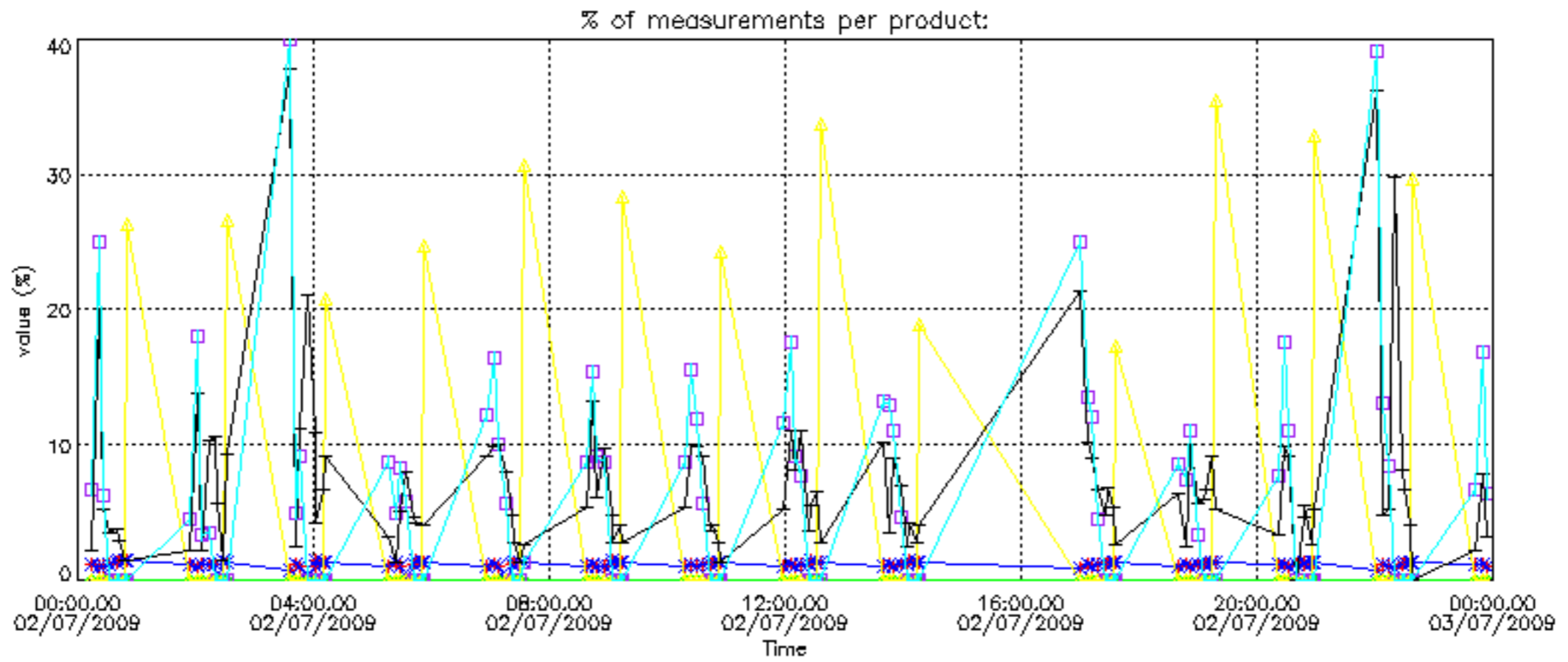
Percentage of flagged data per NO2 profile



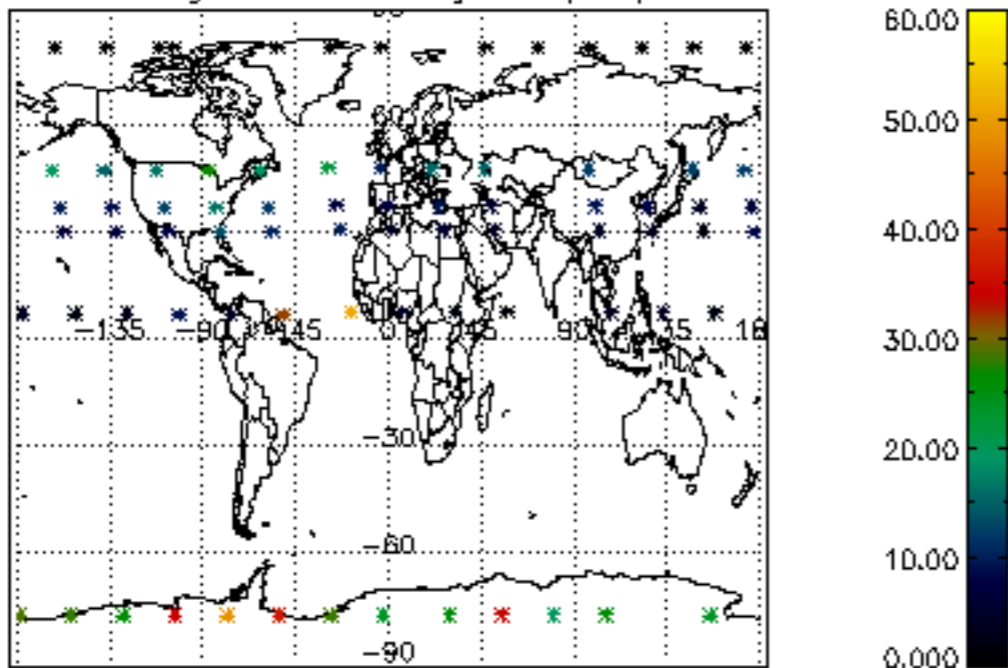
Percentage of flagged data per NO3 profile



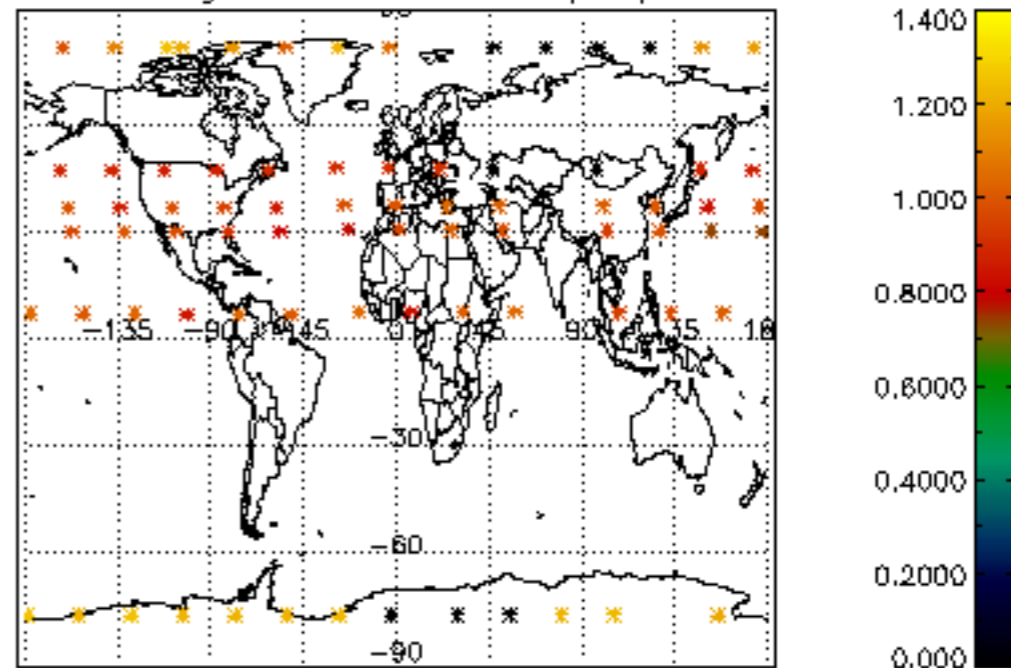




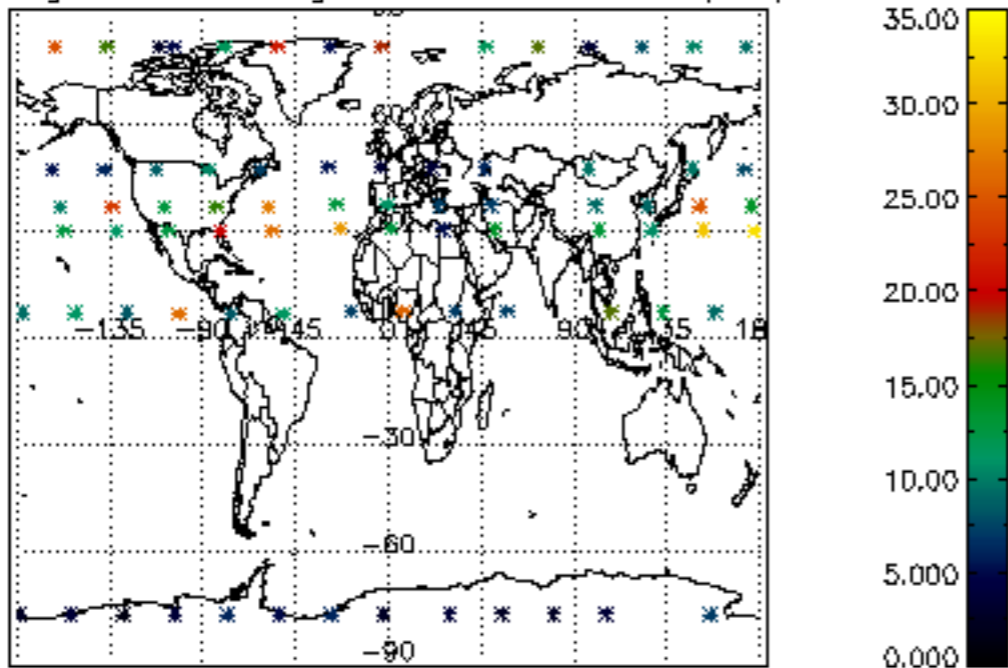
Percentage of cosmic ray hits per profile



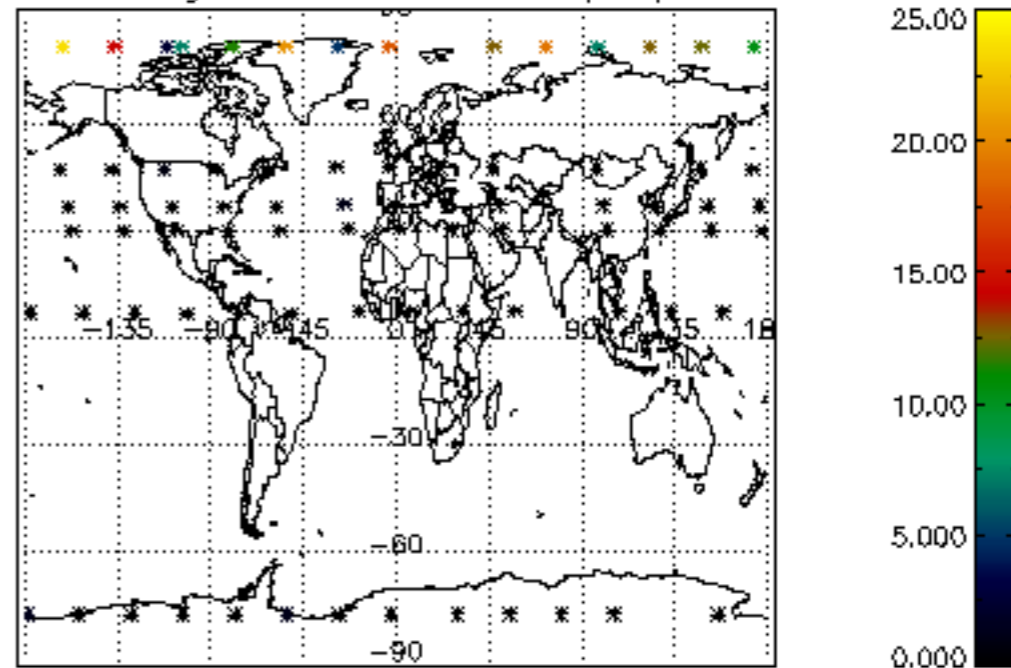
Percentage of datation errors per profile



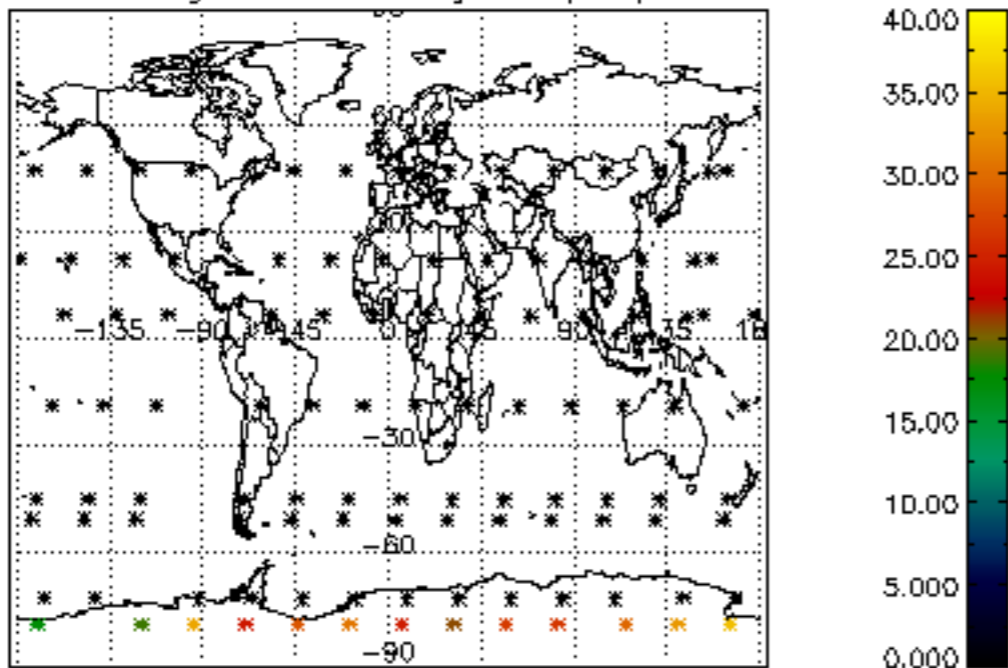
Percentage of star falling outside central band per profile



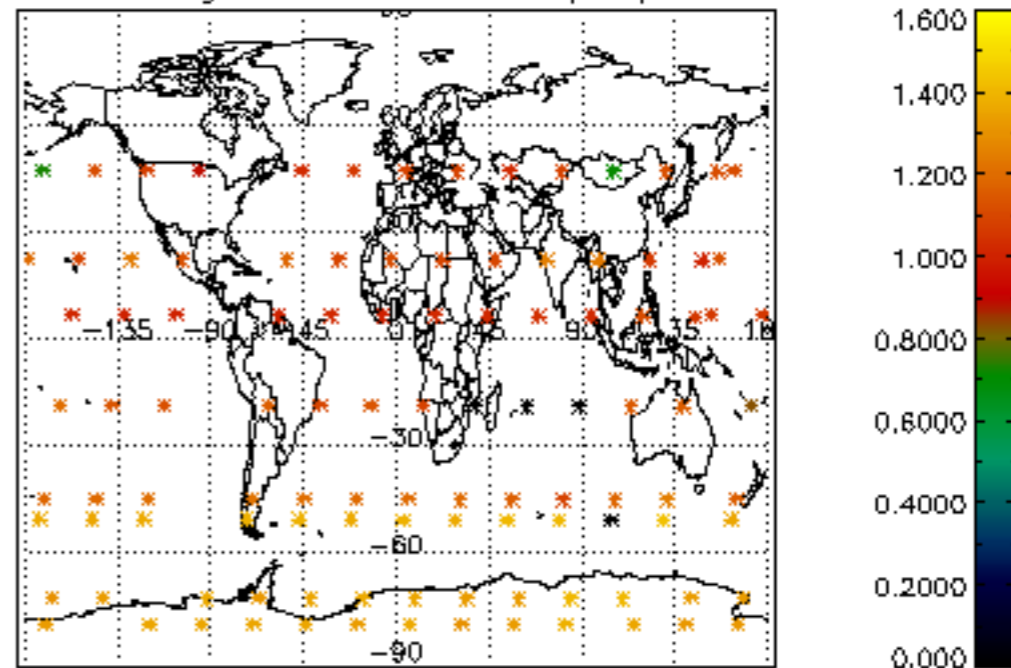
Percentage of saturation errors per profile



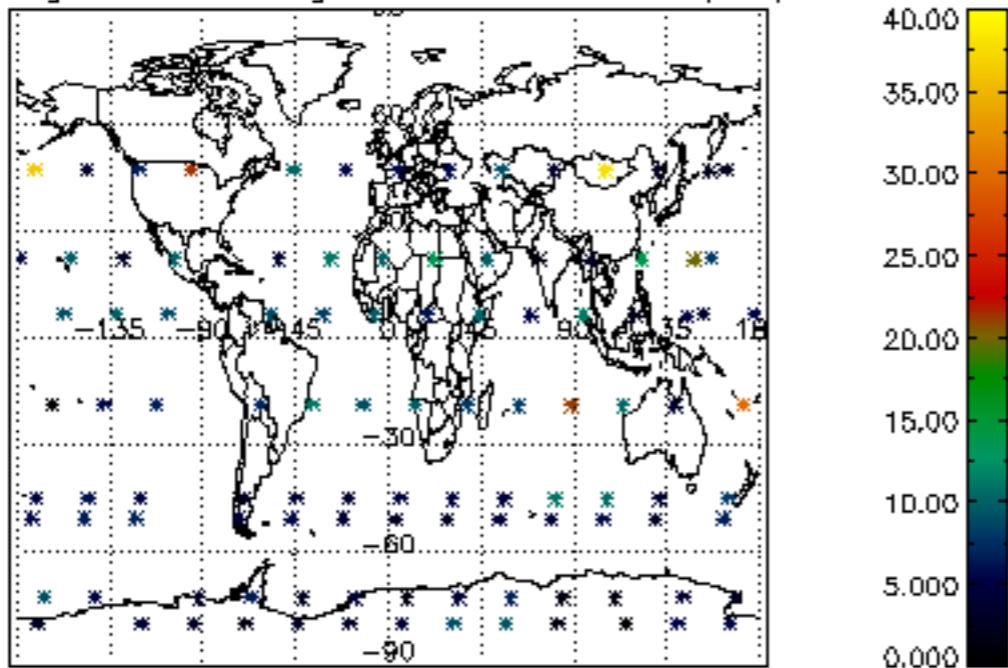
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

