

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	29APR2013 12:45:41
Data source version	GOMOS/6.01
Start time of products	07-07-2010 (07JUL2010 00:00:00)
Stop time of products	08-07-2010 (08JUL2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	219
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__2PRFIN20100707_000307_000000462091_00016_43657_8877.N1	07-JUL-2010 00:03:07	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	43657	No
2	GOM_NL__2PRFIN20100707_001037_000000492091_00016_43657_8878.N1	07-JUL-2010 00:10:37	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	43657	No
3	GOM_NL__2PRFIN20100707_001229_000000642091_00016_43657_8879.N1	07-JUL-2010 00:12:29	Bright	64.000	110	37Del Cas	2.6780	8900.0	128	43657	No
4	GOM_NL__2PRFIN20100707_001918_000000542091_00016_43657_8880.N1	07-JUL-2010 00:19:18	Bright	54.000	73	57Gam1And	2.2600	13100.	108	43657	No
5	GOM_NL__2PRFIN20100707_002157_000000762091_00016_43657_8881.N1	07-JUL-2010 00:21:57	Twilight	76.000	53	43Bet And	2.0480	3300.0	152	43657	No
6	GOM_NL__2PRFIN20100707_002648_000000612091_00016_43657_8882.N1	07-JUL-2010 00:26:48	Dark	61.000	50	13Alp Ari	2.0070	4250.0	122	43657	No
7	GOM_NL__2PRFIN20100707_003154_000000542091_00016_43657_8883.N1	07-JUL-2010 00:31:54	Dark	53.500	94	92Alp Cet	2.5260	3100.0	107	43657	No
8	GOM_NL__2PRFIN20100707_004850_000000762091_00016_43657_8884.N1	07-JUL-2010 00:48:50	Dark	76.000	52	16Bet Cet	2.0370	4500.0	152	43657	No
9	GOM_NL__2PRFIN20100707_005159_000000512091_00017_43658_8881.N1	07-JUL-2010 00:51:59	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	43658	No
10	GOM_NL__2PRFIN20100707_005819_000000642091_00017_43658_8882.N1	07-JUL-2010 00:58:19	Straylight	63.500	63	Bet Gru	2.1500	2800.0	127	43658	No
11	GOM_NL__2PRFIN20100707_010054_000000812091_00017_43658_8883.N1	07-JUL-2010 01:00:54	Straylight	80.500	18	24Alp PsA	1.1660	9700.0	161	43658	No
12	GOM_NL__2PRFIN20100707_010314_000000542091_00017_43658_8884.N1	07-JUL-2010 01:03:14	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	43658	No
13	GOM_NL__2PRFIN20100707_012528_000000442091_00017_43658_8885.N1	07-JUL-2010 01:25:28	Bright	44.000	168	17Zet Aql	2.9860	11000.	88	43658	No
14	GOM_NL__2PRFIN20100707_013231_000000412091_00017_43658_8886.N1	07-JUL-2010 01:32:31	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	43658	No
15	GOM_NL__2PRFIN20100707_013631_000000452091_00017_43658_8887.N1	07-JUL-2010 01:36:31	Bright	45.000	144	18Del Cyg	2.8600	11000.	90	43658	No
16	GOM_NL__2PRFIN20100707_013940_000000812091_00017_43658_8888.N1	07-JUL-2010 01:39:40	Bright	81.000	19	50Alp Cyg	1.2460	10500.	162	43658	No
17	GOM_NL__2PRFIN20100707_014343_000000452091_00017_43658_8889.N1	07-JUL-2010 01:43:43	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43658	No
18	GOM_NL__2PRFIN20100707_015113_000000512091_00017_43658_8890.N1	07-JUL-2010 01:51:13	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	43658	No
19	GOM_NL__2PRFIN20100707_015304_000000452091_00017_43658_8891.N1	07-JUL-2010 01:53:04	Bright	45.000	110	37Del Cas	2.6780	8900.0	90	43658	No
20	GOM_NL__2PRFIN20100707_015953_000000522091_00017_43658_8892.N1	07-JUL-2010 01:59:53	Bright	52.000	73	57Gam1And	2.2600	13100.	104	43658	No
21	GOM_NL__2PRFIN20100707_020233_000000772091_00017_43658_8893.N1	07-JUL-2010 02:02:33	Twilight	77.000	53	43Bet And	2.0480	3300.0	154	43658	No
22	GOM_NL__2PRFIN20100707_020725_000000672091_00017_43658_8894.N1	07-JUL-2010 02:07:25	Dark	66.500	50	13Alp Ari	2.0070	4250.0	133	43658	No
23	GOM_NL__2PRFIN20100707_021231_000000552091_00017_43658_8895.N1	07-JUL-2010 02:12:31	Dark	55.000	94	92Alp Cet	2.5260	3100.0	110	43658	No
24	GOM_NL__2PRFIN20100707_022928_000000712091_00017_43658_8896.N1	07-JUL-2010 02:29:28	Dark	71.000	52	16Bet Cet	2.0370	4500.0	142	43658	No
25	GOM_NL__2PRFIN20100707_023237_000000512091_00018_43659_8913.N1	07-JUL-2010 02:32:37	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	43659	No
26	GOM_NL__2PRFIN20100707_023856_000000662091_00018_43659_8914.N1	07-JUL-2010 02:38:56	Straylight	65.500	63	Bet Gru	2.1500	2800.0	131	43659	No
27	GOM_NL__2PRFIN20100707_024132_000000832091_00018_43659_8915.N1	07-JUL-2010 02:41:32	Straylight	83.000	18	24Alp PsA	1.1660	9700.0	166	43659	No
28	GOM_NL__2PRFIN20100707_024351_000000552091_00018_43659_8916.N1	07-JUL-2010 02:43:51	Straylight	54.500	172	Gam Gru	3.0030	13100.	109	43659	No
29	GOM_NL__2PRFIN20100707_031306_000000382091_00018_43659_8917.N1	07-JUL-2010 03:13:06	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	43659	No
30	GOM_NL__2PRFIN20100707_031706_000000472091_00018_43659_8918.N1	07-JUL-2010 03:17:06	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	43659	No
31	GOM_NL__2PRFIN20100707_032014_000000512091_00018_43659_8919.N1	07-JUL-2010 03:20:14	Bright	51.000	19	50Alp Cyg	1.2460	10500.	102	43659	No
32	GOM_NL__2PRFIN20100707_032418_000000442091_00018_43659_8920.N1	07-JUL-2010 03:24:18	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43659	No
33	GOM_NL__2PRFIN20100707_033148_000000512091_00018_43659_8921.N1	07-JUL-2010 03:31:48	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	43659	No
34	GOM_NL__2PRFIN20100707_033340_000000432091_00018_43659_8922.N1	07-JUL-2010 03:33:40	Bright	42.500	110	37Del Cas	2.6780	8900.0	85	43659	No
35	GOM_NL__2PRFIN20100707_034030_000000522091_00018_43659_8923.N1	07-JUL-2010 03:40:30	Bright	51.500	73	57Gam1And	2.2600	13100.	103	43659	No
36	GOM_NL__2PRFIN20100707_034309_000000772091_00018_43659_8924.N1	07-JUL-2010 03:43:09	Twilight	77.000	53	43Bet And	2.0480	3300.0	154	43659	No
37	GOM_NL__2PRFIN20100707_034801_000000642091_00018_43659_8925.N1	07-JUL-2010 03:48:01	Dark	64.000	50	13Alp Ari	2.0070	4250.0	128	43659	No
38	GOM_NL__2PRFIN20100707_035308_000000532091_00018_43659_8926.N1	07-JUL-2010 03:53:08	Dark	52.500	94	92Alp Cet	2.5260	3100.0	105	43659	No
39	GOM_NL__2PRFIN20100707_041006_000000712091_00018_43659_8922.N1	07-JUL-2010 04:10:06	Dark	71.000	52	16Bet Cet	2.0370	4500.0	142	43659	No
40	GOM_NL__2PRFIN20100707_041314_000000502091_00019_43660_8923.N1	07-JUL-2010 04:13:14	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	43660	No
41	GOM_NL__2PRFIN20100707_041933_000000522091_00019_43660_8924.N1	07-JUL-2010 04:19:33	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	43660	No
42	GOM_NL__2PRFIN20100707_042209_000000832091_00019_43660_8925.N1	07-JUL-2010 04:22:09	Straylight	82.500	18	24Alp PsA	1.1660	9700.0	165	43660	No

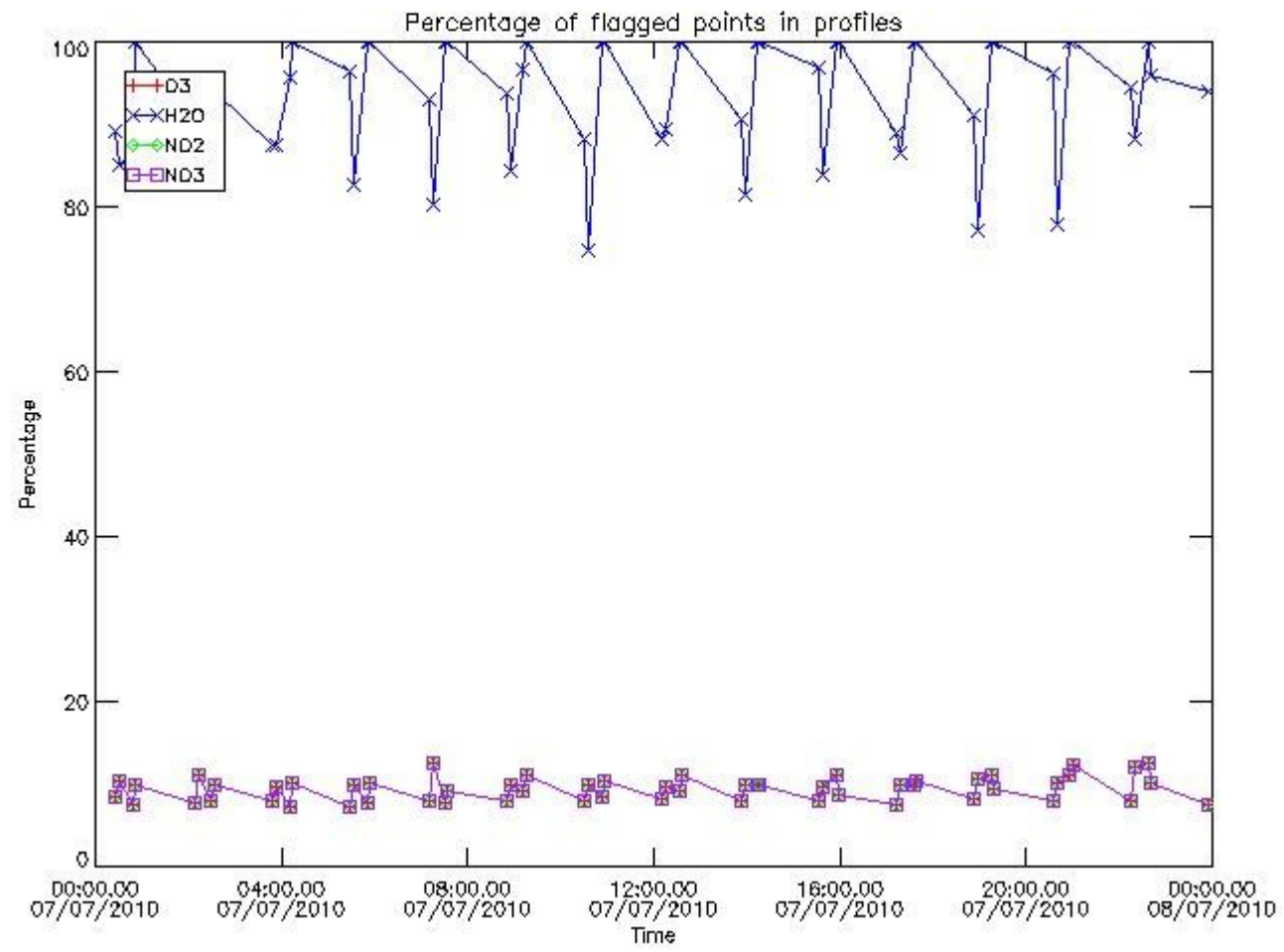
43	GOM_NL__2PRFIN20100707_042427_000000562091_00019_43660_8926.N1	07-JUL-2010 04:24:27	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	43660	No
44	GOM_NL__2PRFIN20100707_044639_000000452091_00019_43660_8927.N1	07-JUL-2010 04:46:39	Bright	44.500	168	17Zet Aql	2.9860	11000.	89	43660	No
45	GOM_NL__2PRFIN20100707_045342_000000432091_00019_43660_8928.N1	07-JUL-2010 04:53:42	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	43660	No
46	GOM_NL__2PRFIN20100707_045741_000000482091_00019_43660_8929.N1	07-JUL-2010 04:57:41	Bright	47.500	144	18Del Cyg	2.8600	11000.	95	43660	No
47	GOM_NL__2PRFIN20100707_050049_000000562091_00019_43660_8930.N1	07-JUL-2010 05:00:49	Bright	55.500	19	50Alp Cyg	1.2460	10500.	111	43660	No
48	GOM_NL__2PRFIN20100707_050454_000000452091_00019_43660_8931.N1	07-JUL-2010 05:04:54	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	43660	No
49	GOM_NL__2PRFIN20100707_051224_000000512091_00019_43660_8932.N1	07-JUL-2010 05:12:24	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	43660	No
50	GOM_NL__2PRFIN20100707_051416_000000452091_00019_43660_8933.N1	07-JUL-2010 05:14:16	Bright	44.500	110	37Del Cas	2.6780	8900.0	89	43660	No
51	GOM_NL__2PRFIN20100707_052105_000000552091_00019_43660_8934.N1	07-JUL-2010 05:21:05	Bright	55.000	73	57Gam1And	2.2600	13100.	110	43660	No
52	GOM_NL__2PRFIN20100707_052345_000000712091_00019_43660_8935.N1	07-JUL-2010 05:23:45	Tw_i_and_stray	71.000	53	43Bet And	2.0480	3300.0	142	43660	No
53	GOM_NL__2PRFIN20100707_052838_000000712091_00019_43660_8936.N1	07-JUL-2010 05:28:38	Dark	71.000	50	13Alp Ari	2.0070	4250.0	142	43660	No
54	GOM_NL__2PRFIN20100707_053344_000000522091_00019_43660_8937.N1	07-JUL-2010 05:33:44	Dark	52.000	94	92Alp Cet	2.5260	3100.0	104	43660	No
55	GOM_NL__2PRFIN20100707_055044_000000662091_00019_43660_8933.N1	07-JUL-2010 05:50:44	Dark	66.000	52	16Bet Cet	2.0370	4500.0	132	43660	No
56	GOM_NL__2PRFIN20100707_055351_000000552091_00020_43661_8934.N1	07-JUL-2010 05:53:51	Dark	55.000	84	Alp Phe	2.3970	4500.0	110	43661	No
57	GOM_NL__2PRFIN20100707_060010_000000512091_00020_43661_8935.N1	07-JUL-2010 06:00:10	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	43661	No
58	GOM_NL__2PRFIN20100707_060247_000000832091_00020_43661_8936.N1	07-JUL-2010 06:02:47	Straylight	83.000	18	24Alp PsA	1.1660	9700.0	166	43661	No
59	GOM_NL__2PRFIN20100707_060504_000000542091_00020_43661_8937.N1	07-JUL-2010 06:05:04	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	43661	No
60	GOM_NL__2PRFIN20100707_062715_000000452091_00020_43661_8938.N1	07-JUL-2010 06:27:15	Bright	44.500	168	17Zet Aql	2.9860	11000.	89	43661	No
61	GOM_NL__2PRFIN20100707_063422_000000362091_00020_43661_8939.N1	07-JUL-2010 06:34:22	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	43661	No
62	GOM_NL__2PRFIN20100707_063817_000000462091_00020_43661_8940.N1	07-JUL-2010 06:38:17	Bright	46.000	144	18Del Cyg	2.8600	11000.	92	43661	No
63	GOM_NL__2PRFIN20100707_064124_000000582091_00020_43661_8941.N1	07-JUL-2010 06:41:24	Bright	57.500	19	50Alp Cyg	1.2460	10500.	115	43661	No
64	GOM_NL__2PRFIN20100707_064529_000000442091_00020_43661_8942.N1	07-JUL-2010 06:45:29	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43661	No
65	GOM_NL__2PRFIN20100707_065259_000000502091_00020_43661_8943.N1	07-JUL-2010 06:52:59	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	43661	No
66	GOM_NL__2PRFIN20100707_065452_000000522091_00020_43661_8944.N1	07-JUL-2010 06:54:52	Bright	51.500	110	37Del Cas	2.6780	8900.0	103	43661	No
67	GOM_NL__2PRFIN20100707_070141_000000562091_00020_43661_8945.N1	07-JUL-2010 07:01:41	Bright	55.500	73	57Gam1And	2.2600	13100.	111	43661	No
68	GOM_NL__2PRFIN20100707_070421_000000712091_00020_43661_8946.N1	07-JUL-2010 07:04:21	Tw_i_and_stray	71.000	53	43Bet And	2.0480	3300.0	142	43661	No
69	GOM_NL__2PRFIN20100707_070914_000000652091_00020_43661_8947.N1	07-JUL-2010 07:09:14	Dark	64.500	50	13Alp Ari	2.0070	4250.0	129	43661	No
70	GOM_NL__2PRFIN20100707_071421_000000492091_00020_43661_8948.N1	07-JUL-2010 07:14:21	Dark	48.500	94	92Alp Cet	2.5260	3100.0	97	43661	No
71	GOM_NL__2PRFIN20100707_073123_000000662091_00020_43661_8969.N1	07-JUL-2010 07:31:23	Dark	66.000	52	16Bet Cet	2.0370	4500.0	132	43661	No
72	GOM_NL__2PRFIN20100707_073428_000000612091_00021_43662_8970.N1	07-JUL-2010 07:34:28	Dark	60.500	84	Alp Phe	2.3970	4500.0	121	43662	No
73	GOM_NL__2PRFIN20100707_074047_000000562091_00021_43662_8971.N1	07-JUL-2010 07:40:47	Straylight	55.500	63	Bet Gru	2.1500	2800.0	111	43662	No
74	GOM_NL__2PRFIN20100707_074324_000000832091_00021_43662_8972.N1	07-JUL-2010 07:43:24	Straylight	83.000	18	24Alp PsA	1.1660	9700.0	166	43662	No
75	GOM_NL__2PRFIN20100707_074541_000000542091_00021_43662_8973.N1	07-JUL-2010 07:45:41	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	43662	No
76	GOM_NL__2PRFIN20100707_080750_000000452091_00021_43662_8974.N1	07-JUL-2010 08:07:50	Bright	44.500	168	17Zet Aql	2.9860	11000.	89	43662	No
77	GOM_NL__2PRFIN20100707_081852_000000462091_00021_43662_8975.N1	07-JUL-2010 08:18:52	Bright	46.000	144	18Del Cyg	2.8600	11000.	92	43662	No
78	GOM_NL__2PRFIN20100707_082159_000000582091_00021_43662_8976.N1	07-JUL-2010 08:21:59	Bright	57.500	19	50Alp Cyg	1.2460	10500.	115	43662	No
79	GOM_NL__2PRFIN20100707_082604_000000452091_00021_43662_8977.N1	07-JUL-2010 08:26:04	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43662	No
80	GOM_NL__2PRFIN20100707_083335_000000502091_00021_43662_8978.N1	07-JUL-2010 08:33:35	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	43662	No
81	GOM_NL__2PRFIN20100707_083527_000000432091_00021_43662_8979.N1	07-JUL-2010 08:35:27	Bright	43.000	110	37Del Cas	2.6780	8900.0	86	43662	No
82	GOM_NL__2PRFIN20100707_084217_000000582091_00021_43662_8980.N1	07-JUL-2010 08:42:17	Bright	58.000	73	57Gam1And	2.2600	13100.	116	43662	No
83	GOM_NL__2PRFIN20100707_084457_000000652091_00021_43662_8981.N1	07-JUL-2010 08:44:57	Tw_i_and_stray	65.000	53	43Bet And	2.0480	3300.0	130	43662	No
84	GOM_NL__2PRFIN20100707_084950_000000642091_00021_43662_8982.N1	07-JUL-2010 08:49:50	Dark	63.500	50	13Alp Ari	2.0070	4250.0	127	43662	No
85	GOM_NL__2PRFIN20100707_085457_000000522091_00021_43662_8983.N1	07-JUL-2010 08:54:57	Dark	51.500	94	92Alp Cet	2.5260	3100.0	103	43662	No
86	GOM_NL__2PRFIN20100707_091201_000000612091_00021_43662_9003.N1	07-JUL-2010 09:12:01	Dark	61.000	52	16Bet Cet	2.0370	4500.0	122	43662	No
87	GOM_NL__2PRFIN20100707_091505_000000512091_00022_43663_9004.N1	07-JUL-2010 09:15:05	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	43663	No
88	GOM_NL__2PRFIN20100707_092124_000000522091_00022_43663_9005.N1	07-JUL-2010 09:21:24	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	43663	No
89	GOM_NL__2PRFIN20100707_092402_000000832091_00022_43663_9006.N1	07-JUL-2010 09:24:02	Straylight	83.000	18	24Alp PsA	1.1660	9700.0	166	43663	No
90	GOM_NL__2PRFIN20100707_092618_000000562091_00022_43663_9007.N1	07-JUL-2010 09:26:18	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	43663	No
91	GOM_NL__2PRFIN20100707_094826_000000442091_00022_43663_9008.N1	07-JUL-2010 09:48:26	Bright	43.500	168	17Zet Aql	2.9860	11000.	87	43663	No
92	GOM_NL__2PRFIN20100707_095927_000000472091_00022_43663_9009.N1	07-JUL-2010 09:59:27	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	43663	No
93	GOM_NL__2PRFIN20100707_100234_000000572091_00022_43663_9010.N1	07-JUL-2010 10:02:34	Bright	56.500	19	50Alp Cyg	1.2460	10500.	113	43663	No
94	GOM_NL__2PRFIN20100707_100639_000000422091_00022_43663_9011.N1	07-JUL-2010 10:06:39	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	43663	No
95	GOM_NL__2PRFIN20100707_101410_000000492091_00022_43663_9012.N1	07-JUL-2010 10:14:10	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	43663	No
96	GOM_NL__2PRFIN20100707_101602_000000442091_00022_43663_9013.N1	07-JUL-2010 10:16:02	Bright	43.500	110	37Del Cas	2.6780	8900.0	87	43663	No
97	GOM_NL__2PRFIN20100707_102253_000000572091_00022_43663_9014.N1	07-JUL-2010 10:22:53	Bright	56.500	73	57Gam1And	2.2600	13100.	113	43663	No
98	GOM_NL__2PRFIN20100707_102533_000000652091_00022_43663_9015.N1	07-JUL-2010 10:25:33	Tw_i_and_stray	65.000	53	43Bet And	2.0480	3300.0	130	43663	No
99	GOM_NL__2PRFIN20100707_103027_000000642091_00022_43663_9016.N1	07-JUL-2010 10:30:27	Dark	64.000	50	13Alp Ari	2.0070	4250.0	128	43663	No
100	GOM_NL__2PRFIN20100707_103534_000000522091_00022_43663_9017.N1	07-JUL-2010 10:35:34	Dark	52.000	94	92Alp Cet	2.5260	3100.0	104	43663	No
101	GOM_NL__2PRFIN20100707_105239_000000612091_00022_43663_9037.N1	07-JUL-2010 10:52:39	Dark	61.000	52	16Bet Cet	2.0370	4500.0	122	43663	No

102	GOM_NL__2PRFIN20100707_105542_000000502091_00023_43664_9038.N1	07-JUL-2010 10:55:42	Dark	49.500	84	Alp Phe	2.3970	4500.0	99	43664	No
103	GOM_NL__2PRFIN20100707_110201_000000542091_00023_43664_9039.N1	07-JUL-2010 11:02:01	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	43664	No
104	GOM_NL__2PRFIN20100707_110439_000000822091_00023_43664_9040.N1	07-JUL-2010 11:04:39	Straylight	82.000	18	24Alp PsA	1.1660	9700.0	164	43664	No
105	GOM_NL__2PRFIN20100707_110655_000000542091_00023_43664_9041.N1	07-JUL-2010 11:06:55	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	43664	No
106	GOM_NL__2PRFIN20100707_112902_000000452091_00023_43664_9042.N1	07-JUL-2010 11:29:02	Bright	44.500	168	17Zet Aql	2.9860	11000.	89	43664	No
107	GOM_NL__2PRFIN20100707_114002_000000472091_00023_43664_9043.N1	07-JUL-2010 11:40:02	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	43664	No
108	GOM_NL__2PRFIN20100707_114308_000000572091_00023_43664_9044.N1	07-JUL-2010 11:43:08	Bright	56.500	19	50Alp Cyg	1.2460	10500.	113	43664	No
109	GOM_NL__2PRFIN20100707_114714_000000432091_00023_43664_9045.N1	07-JUL-2010 11:47:14	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	43664	No
110	GOM_NL__2PRFIN20100707_115445_000000512091_00023_43664_9046.N1	07-JUL-2010 11:54:45	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	43664	No
111	GOM_NL__2PRFIN20100707_115638_000000442091_00023_43664_9047.N1	07-JUL-2010 11:56:38	Bright	44.000	110	37Del Cas	2.6780	8900.0	88	43664	No
112	GOM_NL__2PRFIN20100707_120328_000000582091_00023_43664_9048.N1	07-JUL-2010 12:03:28	Bright	57.500	73	57Gam1And	2.2600	13100.	115	43664	No
113	GOM_NL__2PRFIN20100707_120608_000000602091_00023_43664_9049.N1	07-JUL-2010 12:06:08	Tw_i_and_stray	60.000	53	43Bet And	2.0480	3300.0	120	43664	No
114	GOM_NL__2PRFIN20100707_121103_000000692091_00023_43664_9050.N1	07-JUL-2010 12:11:03	Dark	68.500	50	13Alp Ari	2.0070	4250.0	137	43664	No
115	GOM_NL__2PRFIN20100707_121610_000000532091_00023_43664_9051.N1	07-JUL-2010 12:16:10	Dark	52.500	94	92Alp Cet	2.5260	3100.0	105	43664	No
116	GOM_NL__2PRFIN20100707_123317_000000562091_00024_43665_9080.N1	07-JUL-2010 12:33:17	Dark	56.000	52	16Bet Cet	2.0370	4500.0	112	43665	No
117	GOM_NL__2PRFIN20100707_123619_000000512091_00024_43665_9081.N1	07-JUL-2010 12:36:19	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	43665	No
118	GOM_NL__2PRFIN20100707_124237_000000552091_00024_43665_9082.N1	07-JUL-2010 12:42:37	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	43665	No
119	GOM_NL__2PRFIN20100707_124517_000000822091_00024_43665_9083.N1	07-JUL-2010 12:45:17	Straylight	82.000	18	24Alp PsA	1.1660	9700.0	164	43665	No
120	GOM_NL__2PRFIN20100707_124732_000000562091_00024_43665_9084.N1	07-JUL-2010 12:47:32	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	43665	No
121	GOM_NL__2PRFIN20100707_130937_000000442091_00024_43665_9085.N1	07-JUL-2010 13:09:37	Bright	44.000	168	17Zet Aql	2.9860	11000.	88	43665	No
122	GOM_NL__2PRFIN20100707_132037_000000442091_00024_43665_9086.N1	07-JUL-2010 13:20:37	Bright	43.500	144	18Del Cyg	2.8600	11000.	87	43665	No
123	GOM_NL__2PRFIN20100707_132343_000000582091_00024_43665_9087.N1	07-JUL-2010 13:23:43	Bright	58.000	19	50Alp Cyg	1.2460	10500.	116	43665	No
124	GOM_NL__2PRFIN20100707_132750_000000452091_00024_43665_9088.N1	07-JUL-2010 13:27:50	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43665	No
125	GOM_NL__2PRFIN20100707_133520_000000502091_00024_43665_9089.N1	07-JUL-2010 13:35:20	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	43665	No
126	GOM_NL__2PRFIN20100707_133713_000000422091_00024_43665_9090.N1	07-JUL-2010 13:37:13	Bright	42.000	110	37Del Cas	2.6780	8900.0	84	43665	No
127	GOM_NL__2PRFIN20100707_134405_000000572091_00024_43665_9091.N1	07-JUL-2010 13:44:05	Bright	57.000	73	57Gam1And	2.2600	13100.	114	43665	No
128	GOM_NL__2PRFIN20100707_134644_000000602091_00024_43665_9092.N1	07-JUL-2010 13:46:44	Tw_i_and_stray	60.000	53	43Bet And	2.0480	3300.0	120	43665	No
129	GOM_NL__2PRFIN20100707_135139_000000652091_00024_43665_9093.N1	07-JUL-2010 13:51:39	Dark	64.500	50	13Alp Ari	2.0070	4250.0	129	43665	No
130	GOM_NL__2PRFIN20100707_135647_000000522091_00024_43665_9094.N1	07-JUL-2010 13:56:47	Dark	51.500	94	92Alp Cet	2.5260	3100.0	103	43665	No
131	GOM_NL__2PRFIN20100707_141356_000000562091_00025_43666_9108.N1	07-JUL-2010 14:13:56	Dark	56.000	52	16Bet Cet	2.0370	4500.0	112	43666	No
132	GOM_NL__2PRFIN20100707_141656_000000512091_00025_43666_9109.N1	07-JUL-2010 14:16:56	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	43666	No
133	GOM_NL__2PRFIN20100707_142314_000000522091_00025_43666_9110.N1	07-JUL-2010 14:23:14	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	43666	No
134	GOM_NL__2PRFIN20100707_142554_000000822091_00025_43666_9111.N1	07-JUL-2010 14:25:54	Straylight	82.000	18	24Alp PsA	1.1660	9700.0	164	43666	No
135	GOM_NL__2PRFIN20100707_142808_000000552091_00025_43666_9112.N1	07-JUL-2010 14:28:08	Straylight	54.500	172	Gam Gru	3.0030	13100.	109	43666	No
136	GOM_NL__2PRFIN20100707_145013_000000432091_00025_43666_9113.N1	07-JUL-2010 14:50:13	Bright	43.000	168	17Zet Aql	2.9860	11000.	86	43666	No
137	GOM_NL__2PRFIN20100707_150112_000000472091_00025_43666_9114.N1	07-JUL-2010 15:01:12	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	43666	No
138	GOM_NL__2PRFIN20100707_150418_000000502091_00025_43666_9115.N1	07-JUL-2010 15:04:18	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	43666	No
139	GOM_NL__2PRFIN20100707_150825_000000442091_00025_43666_9116.N1	07-JUL-2010 15:08:25	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43666	No
140	GOM_NL__2PRFIN20100707_151556_000000512091_00025_43666_9117.N1	07-JUL-2010 15:15:56	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	43666	No
141	GOM_NL__2PRFIN20100707_151749_000000452091_00025_43666_9118.N1	07-JUL-2010 15:17:49	Bright	45.000	110	37Del Cas	2.6780	8900.0	90	43666	No
142	GOM_NL__2PRFIN20100707_152440_000000572091_00025_43666_9119.N1	07-JUL-2010 15:24:40	Bright	57.000	73	57Gam1And	2.2600	13100.	114	43666	No
143	GOM_NL__2PRFIN20100707_152720_000000542091_00025_43666_9120.N1	07-JUL-2010 15:27:20	Tw_i_and_stray	54.000	53	43Bet And	2.0480	3300.0	108	43666	No
144	GOM_NL__2PRFIN20100707_153216_000000652091_00025_43666_9121.N1	07-JUL-2010 15:32:16	Dark	65.000	50	13Alp Ari	2.0070	4250.0	130	43666	No
145	GOM_NL__2PRFIN20100707_153723_000000532091_00025_43666_9122.N1	07-JUL-2010 15:37:23	Dark	53.000	94	92Alp Cet	2.5260	3100.0	106	43666	No
146	GOM_NL__2PRFIN20100707_155434_000000512091_00026_43667_9148.N1	07-JUL-2010 15:54:34	Dark	51.000	52	16Bet Cet	2.0370	4500.0	102	43667	No
147	GOM_NL__2PRFIN20100707_155733_000000582091_00026_43667_9149.N1	07-JUL-2010 15:57:33	Dark	58.000	84	Alp Phe	2.3970	4500.0	116	43667	No
148	GOM_NL__2PRFIN20100707_160351_000000522091_00026_43667_9150.N1	07-JUL-2010 16:03:51	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	43667	No
149	GOM_NL__2PRFIN20100707_160632_000000802091_00026_43667_9151.N1	07-JUL-2010 16:06:32	Straylight	79.500	18	24Alp PsA	1.1660	9700.0	159	43667	No
150	GOM_NL__2PRFIN20100707_160845_000000542091_00026_43667_9152.N1	07-JUL-2010 16:08:45	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	43667	No
151	GOM_NL__2PRFIN20100707_163048_000000442091_00026_43667_9153.N1	07-JUL-2010 16:30:48	Bright	43.500	168	17Zet Aql	2.9860	11000.	87	43667	No
152	GOM_NL__2PRFIN20100707_164148_000000462091_00026_43667_9154.N1	07-JUL-2010 16:41:48	Bright	46.000	144	18Del Cyg	2.8600	11000.	92	43667	No
153	GOM_NL__2PRFIN20100707_164453_000000572091_00026_43667_9155.N1	07-JUL-2010 16:44:53	Bright	56.500	19	50Alp Cyg	1.2460	10500.	113	43667	No
154	GOM_NL__2PRFIN20100707_164901_000000442091_00026_43667_9156.N1	07-JUL-2010 16:49:01	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43667	No
155	GOM_NL__2PRFIN20100707_165631_000000472091_00026_43667_9157.N1	07-JUL-2010 16:56:31	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	43667	No
156	GOM_NL__2PRFIN20100707_165825_000000442091_00026_43667_9158.N1	07-JUL-2010 16:58:25	Bright	44.000	110	37Del Cas	2.6780	8900.0	88	43667	No
157	GOM_NL__2PRFIN20100707_170516_000000562091_00026_43667_9159.N1	07-JUL-2010 17:05:16	Bright	55.500	73	57Gam1And	2.2600	13100.	111	43667	No
158	GOM_NL__2PRFIN20100707_170756_000000542091_00026_43667_9160.N1	07-JUL-2010 17:07:56	Tw_i_and_stray	54.000	53	43Bet And	2.0480	3300.0	108	43667	No
159	GOM_NL__2PRFIN20100707_171252_000000692091_00026_43667_9161.N1	07-JUL-2010 17:12:52	Dark	68.500	50	13Alp Ari	2.0070	4250.0	137	43667	No
160	GOM_NL__2PRFIN20100707_171759_000000522091_00026_43667_9162.N1	07-JUL-2010 17:17:59	Dark	52.000	94	92Alp Cet	2.5260	3100.0	104	43667	No

3. Quality information per product

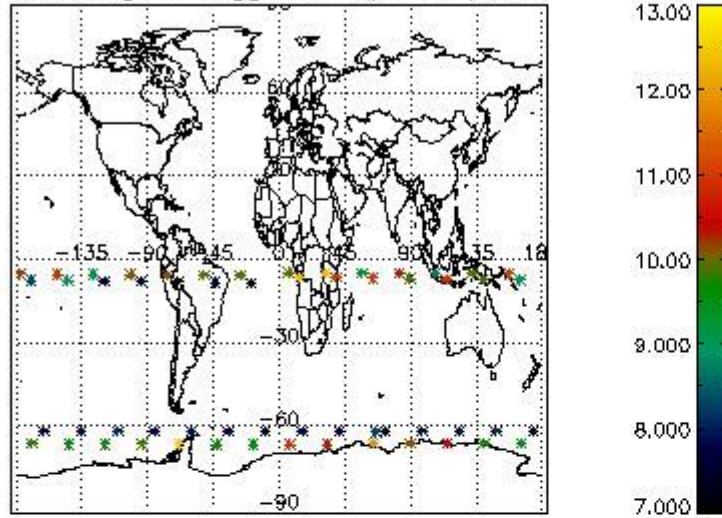
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

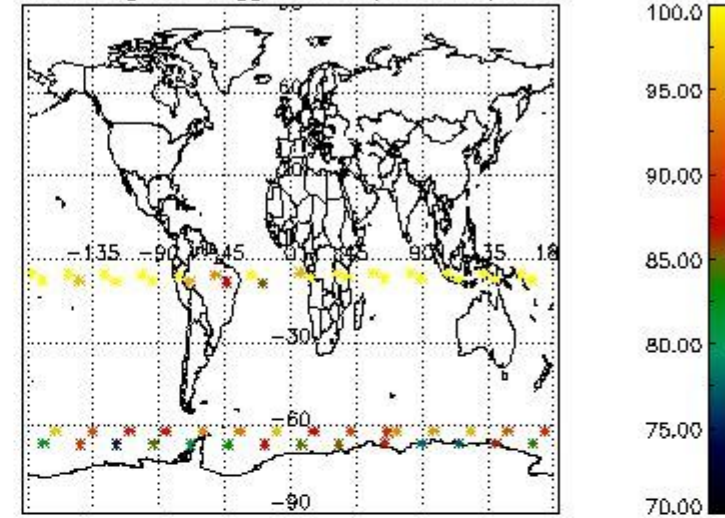


3.2 Plot quality information per product (world map)

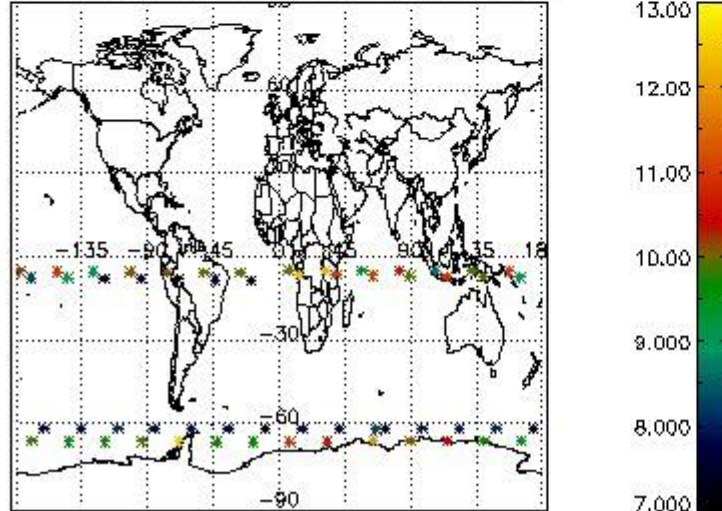
Percentage of flagged data per O3 profile



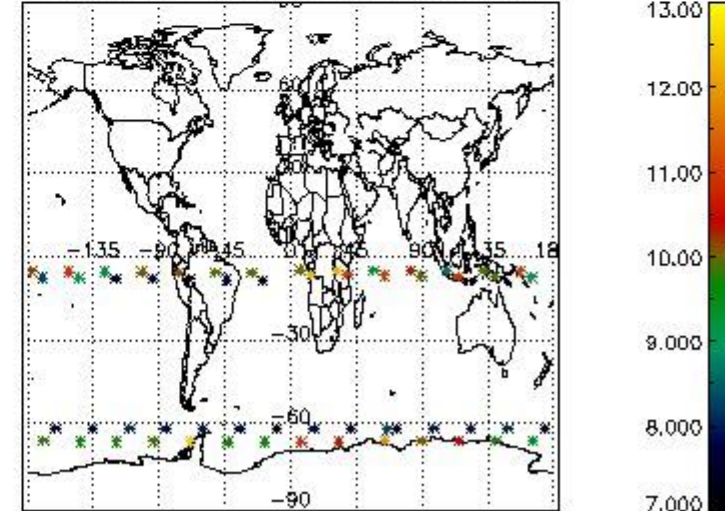
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

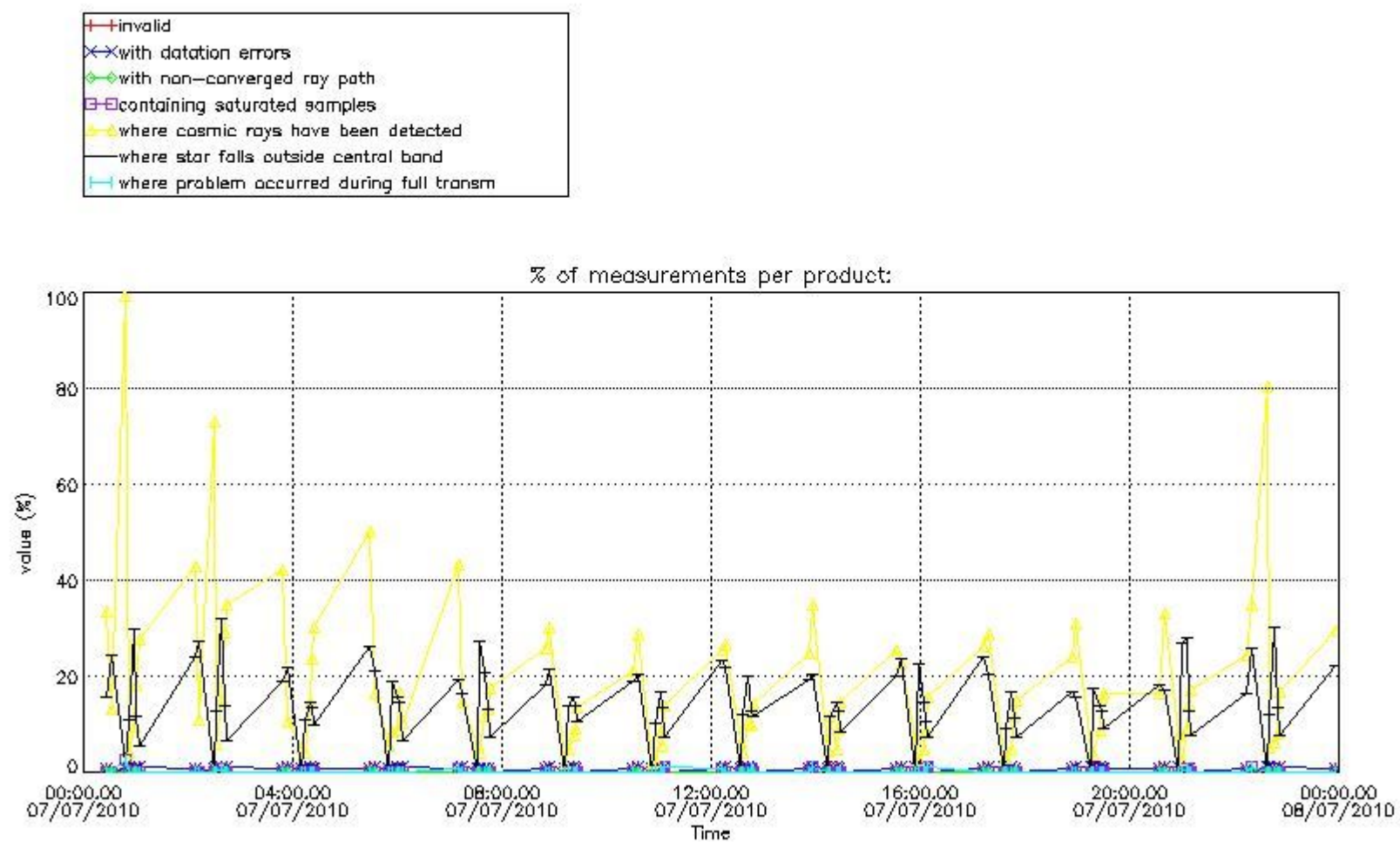


4. Level 1 quality information per product

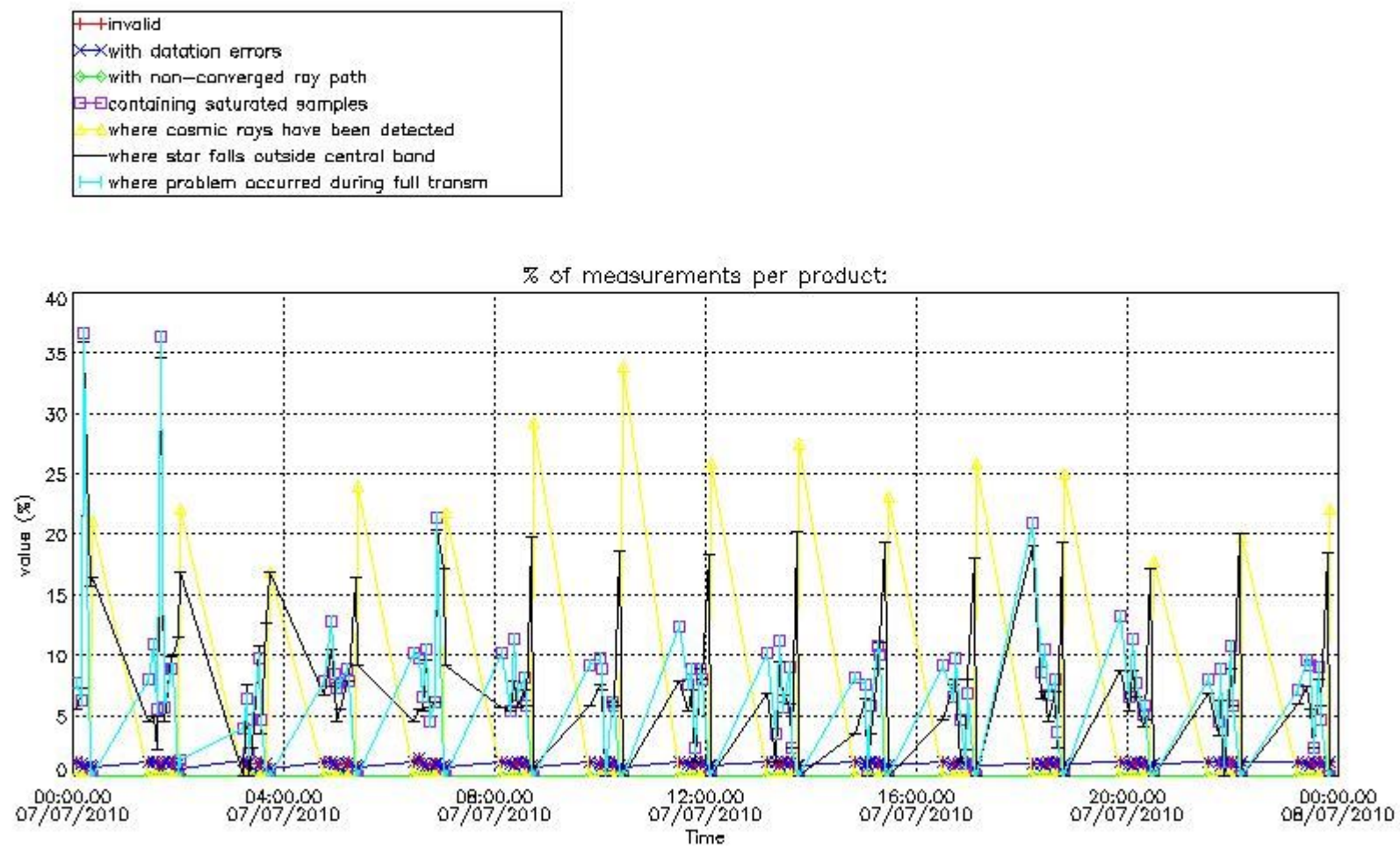
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



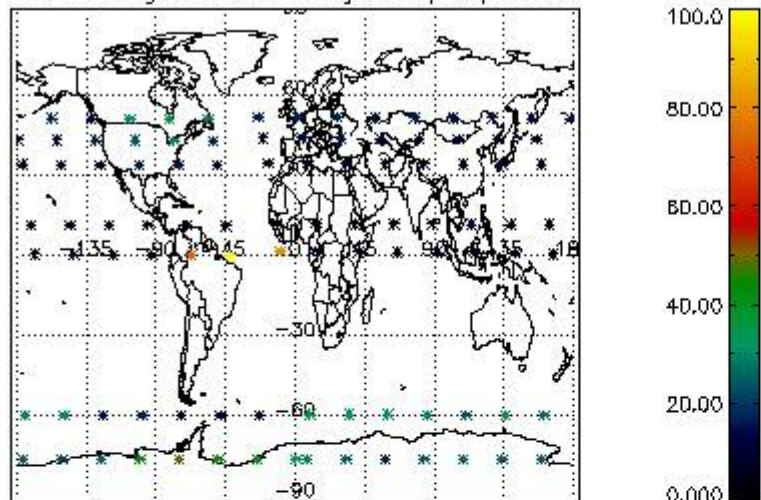
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



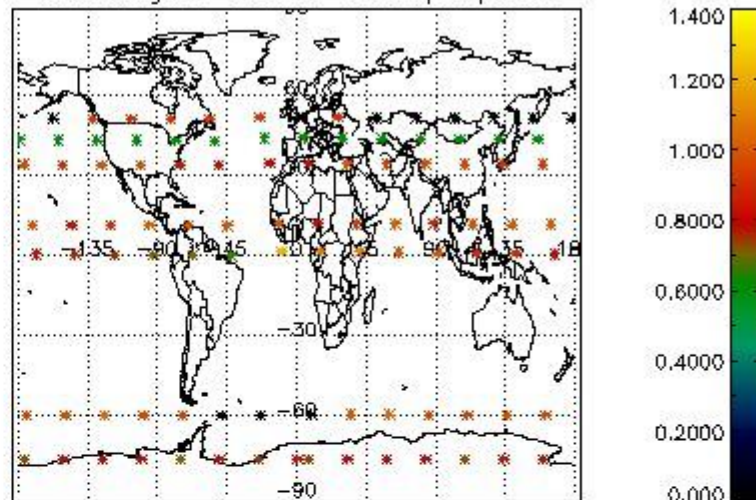
4.2 Plot quality information per product coming from level 1b processing (world map)

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

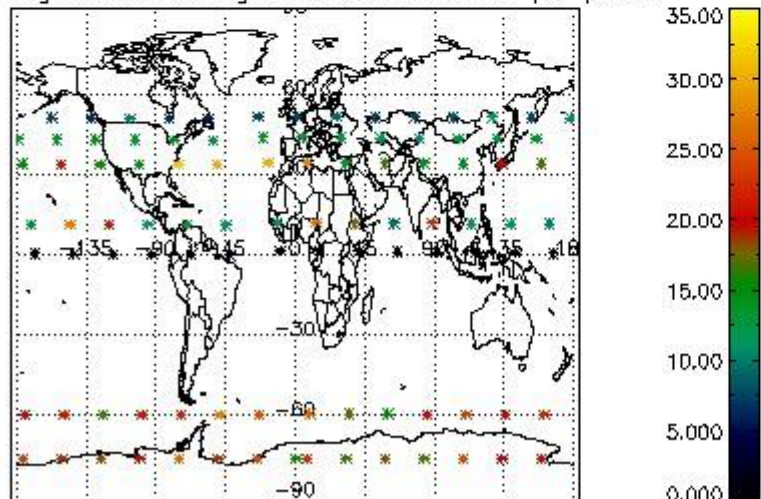
Percentage of cosmic ray hits per profile



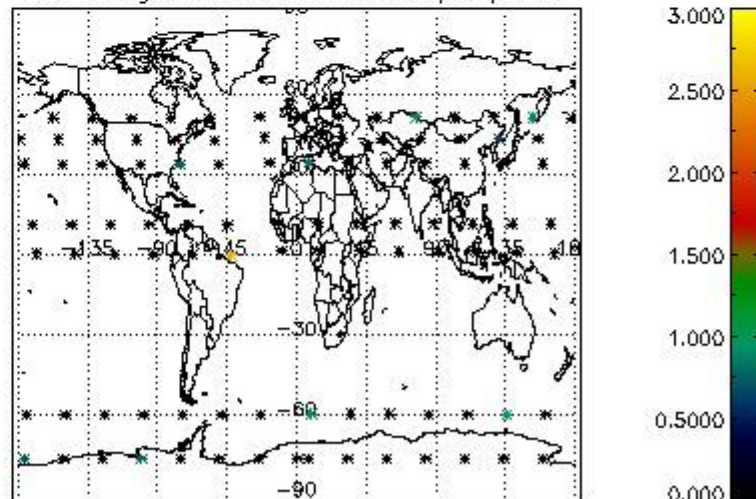
Percentage of datation errors per profile



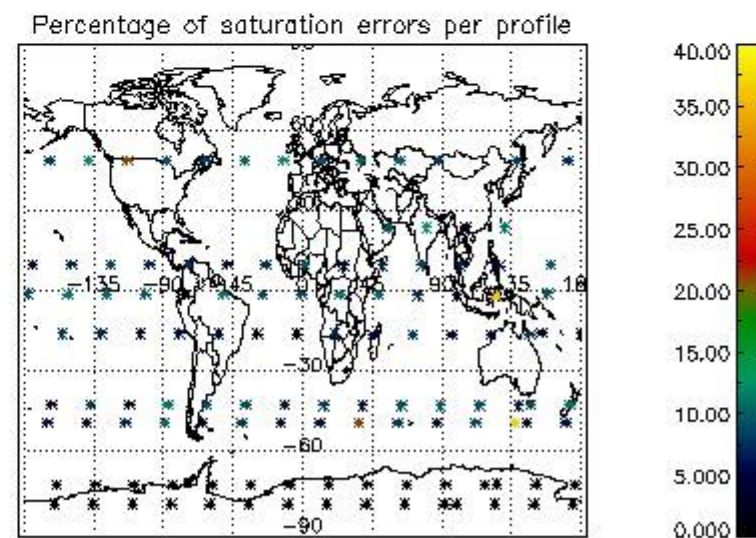
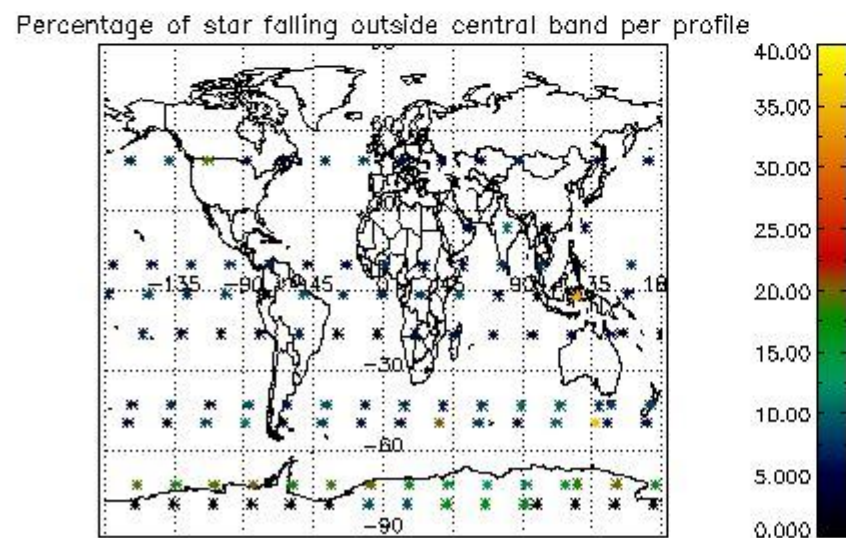
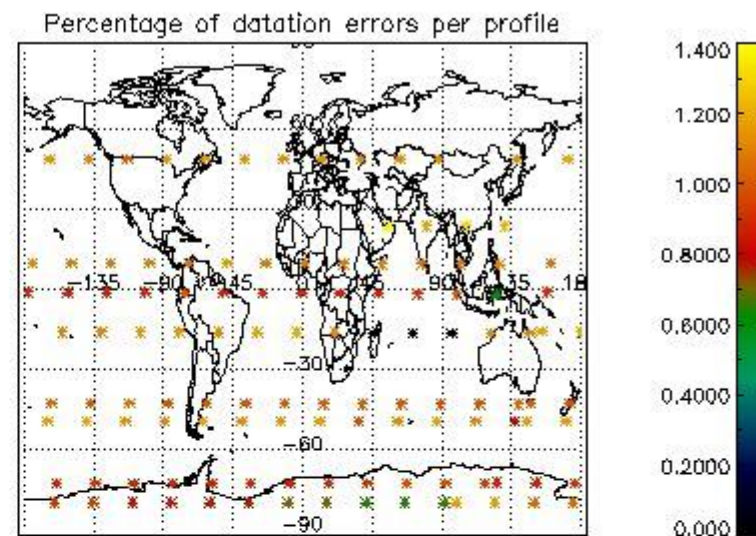
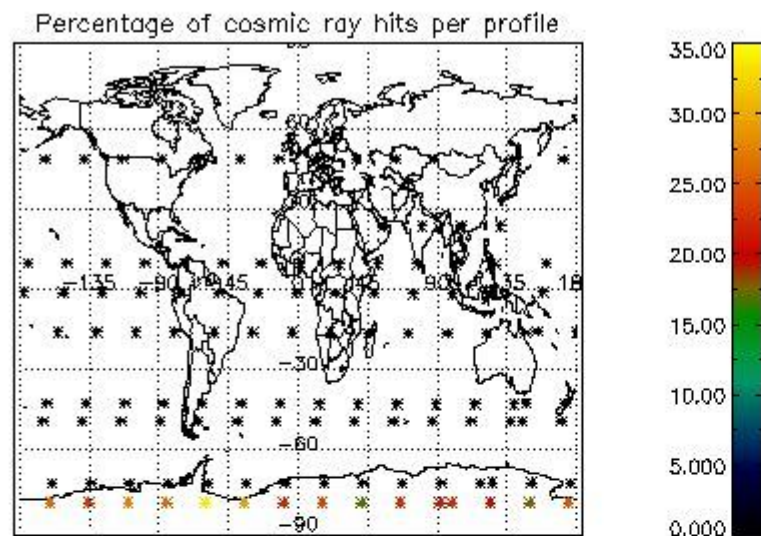
Percentage of star falling outside central band per profile



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

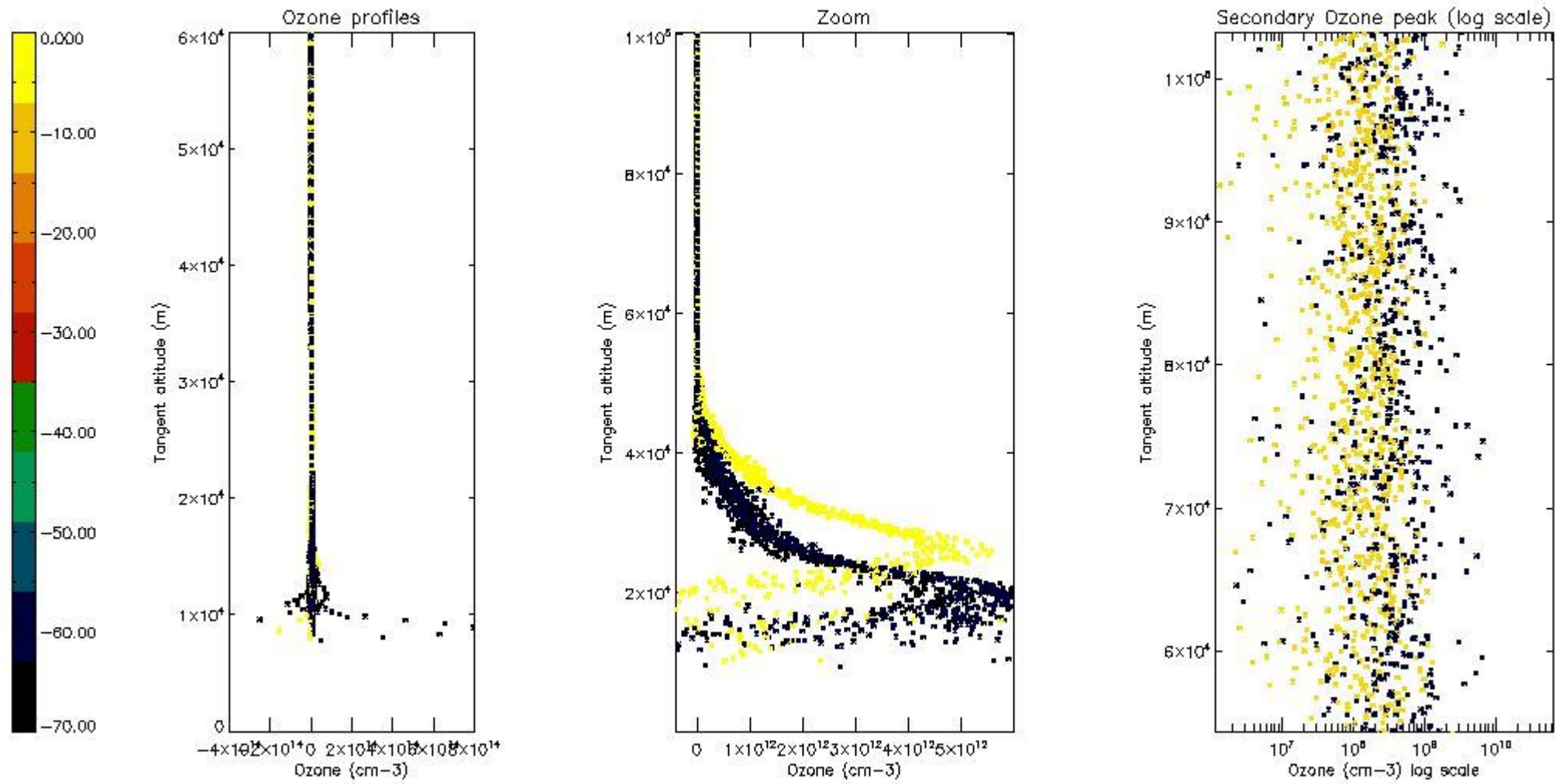
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	6

STD < 10	3
STD < 5	1

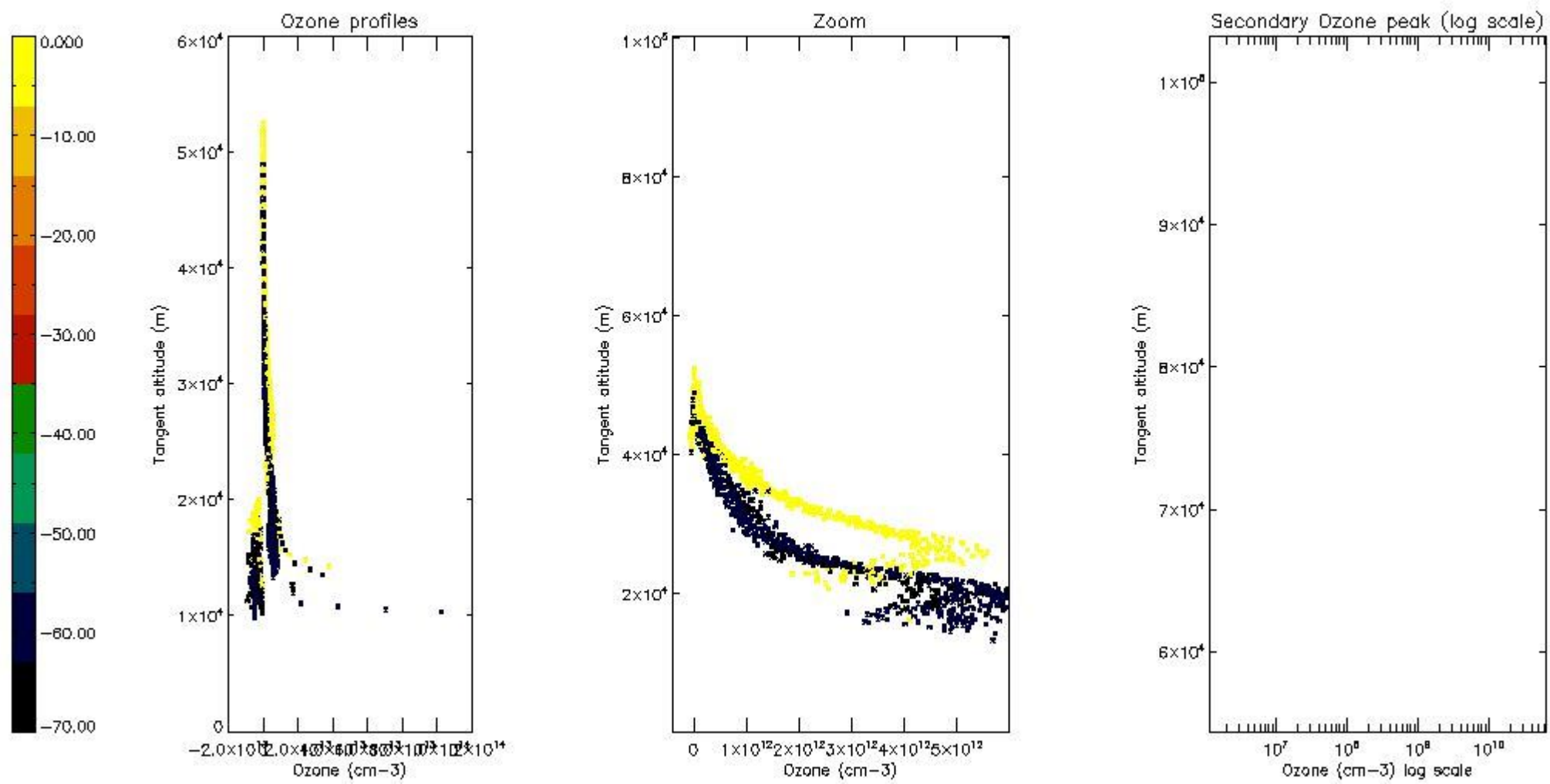
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



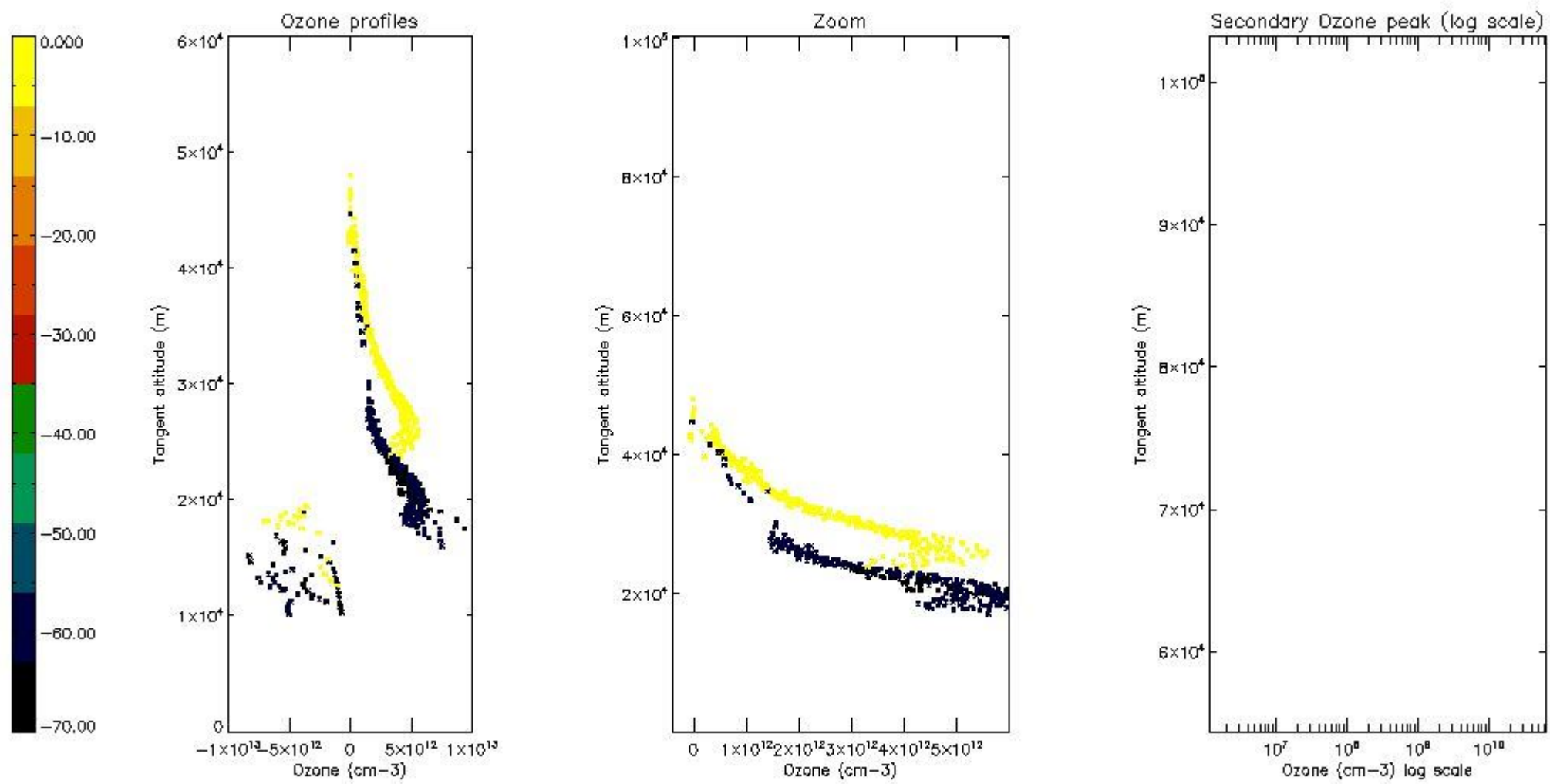
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



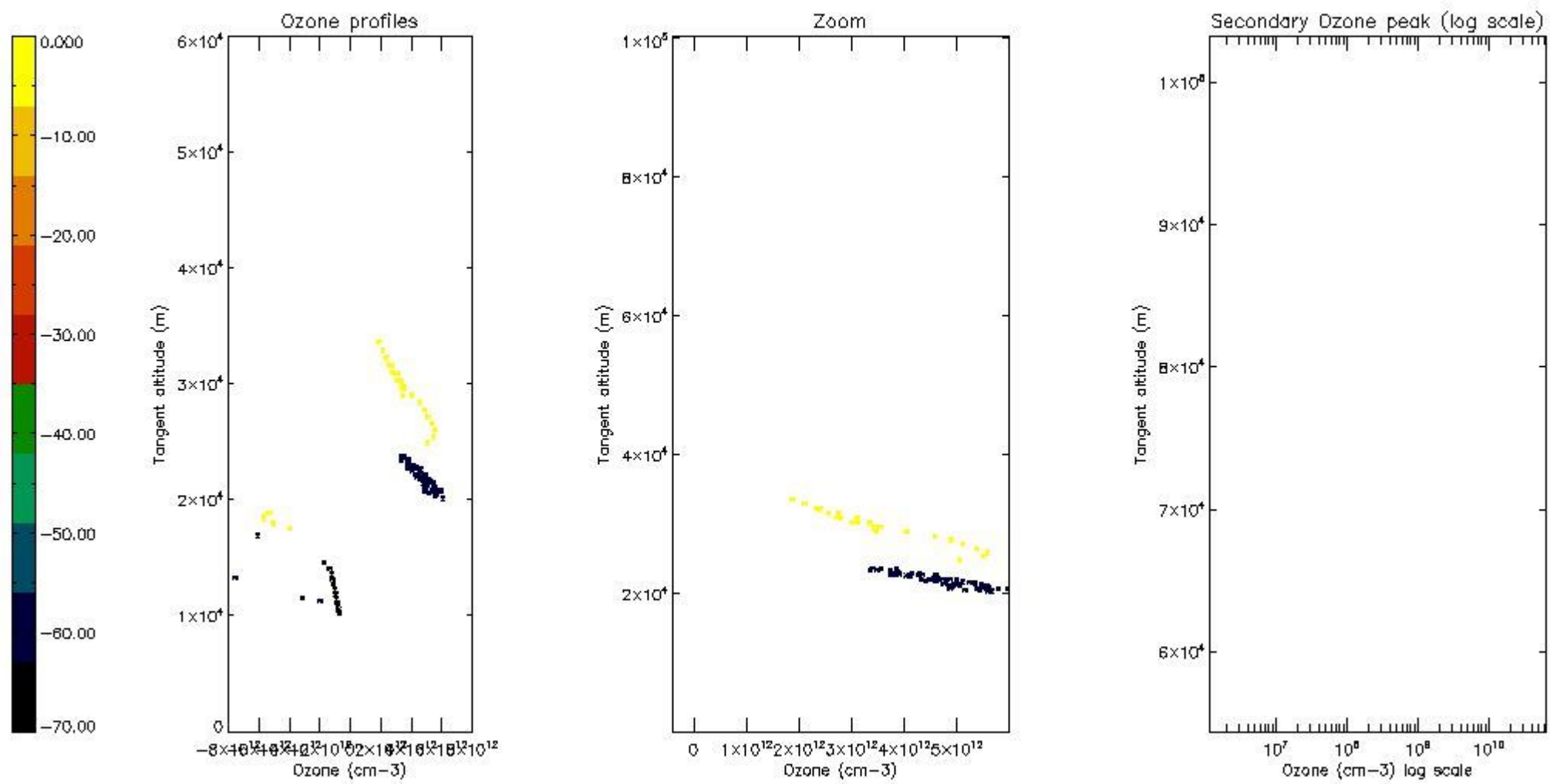
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



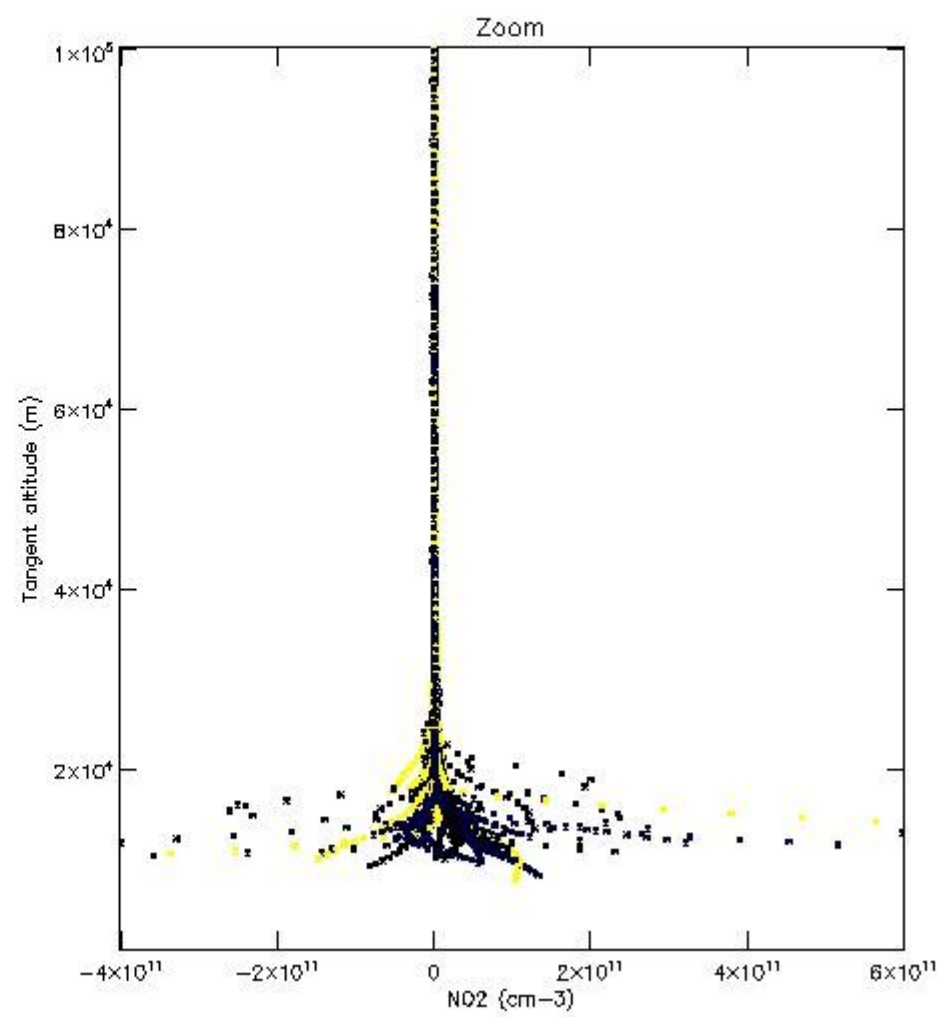
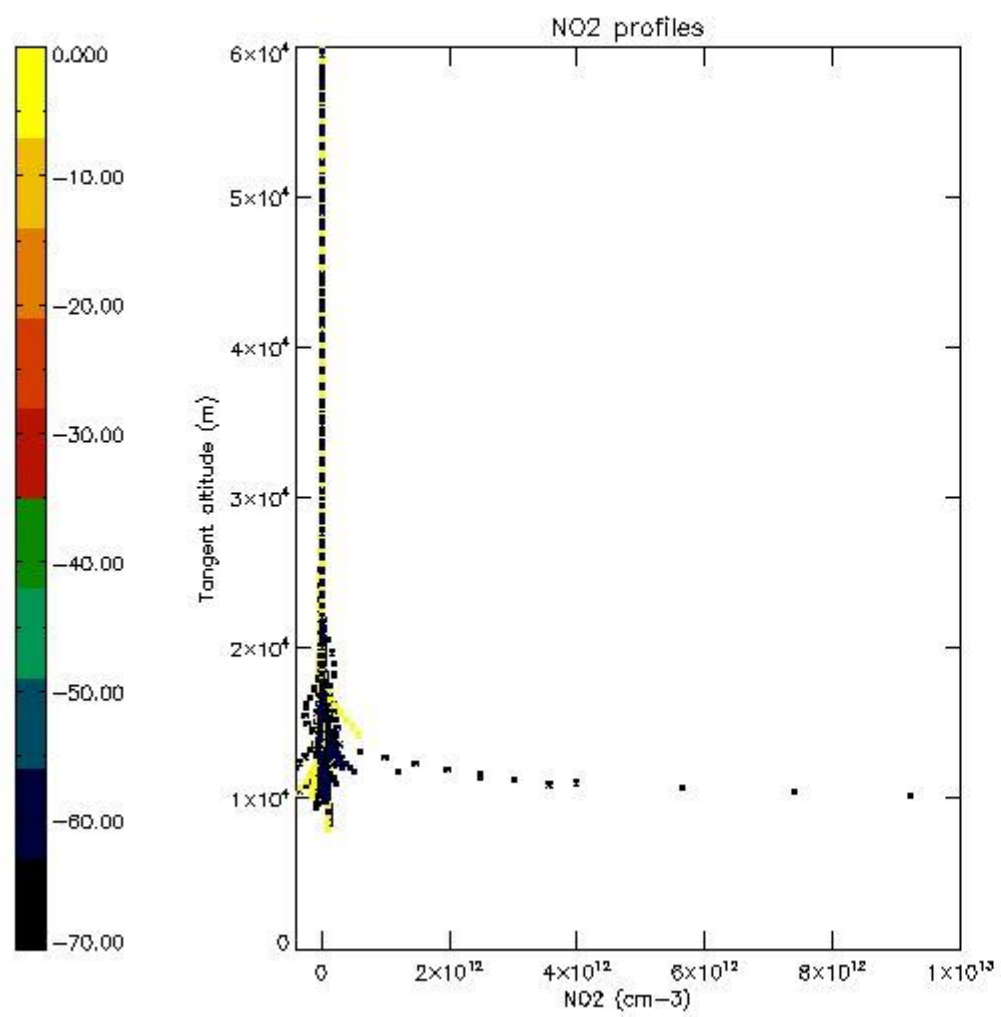
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



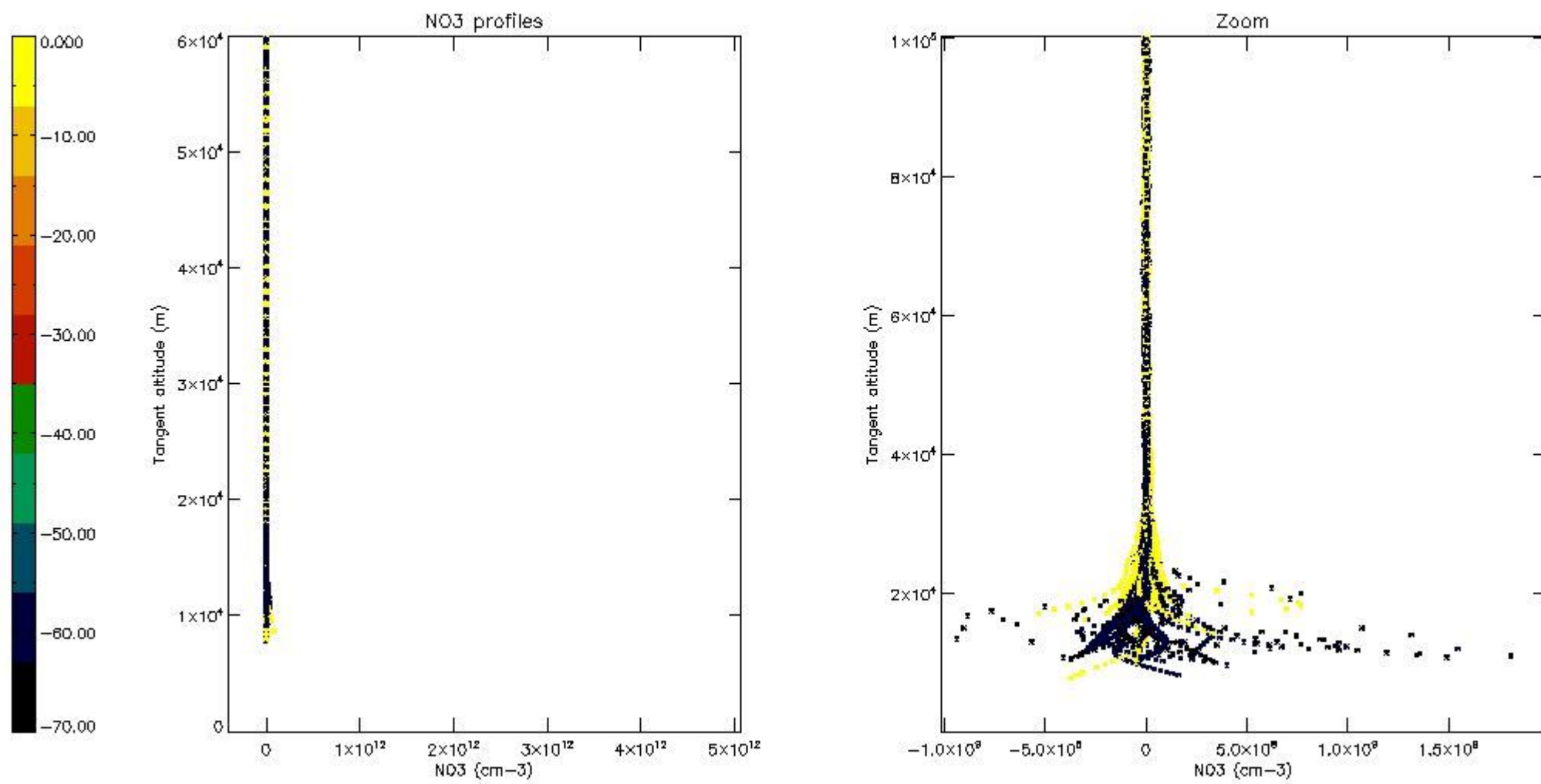
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



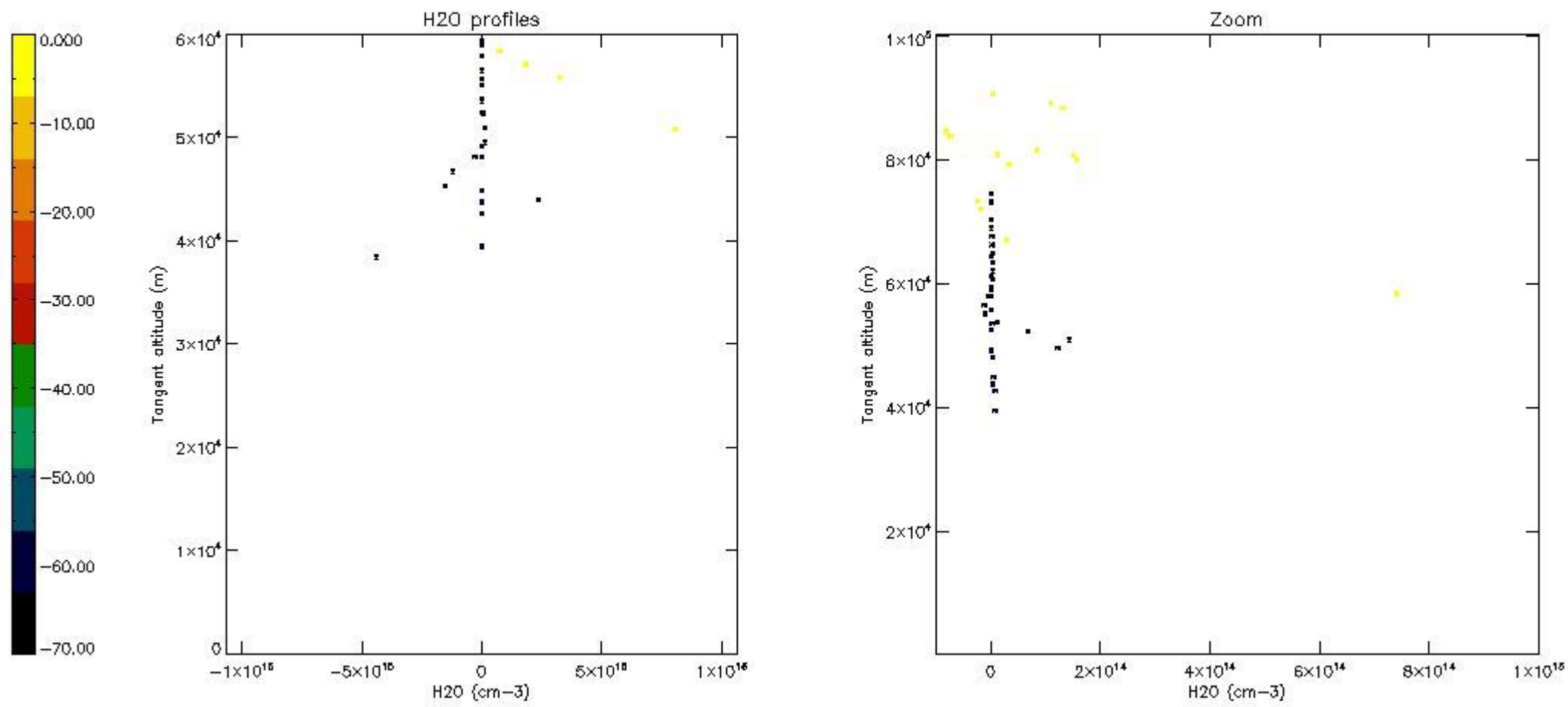
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



5.8 Plot H₂O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 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	07-JUL-2010 00:03:07
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	07-JUL-2010 00:03:07
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	07-JUL-2010 00:03:07

GOMOS Level 2 Daily Report

SUMMARY

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[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	29APR2013 12:45:41
Data source version	GOMOS/6.01
Start time of products	07-07-2010 (07JUL2010 00:00:00)
Stop time of products	08-07-2010 (08JUL2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	219
Nb of prods with errors	0

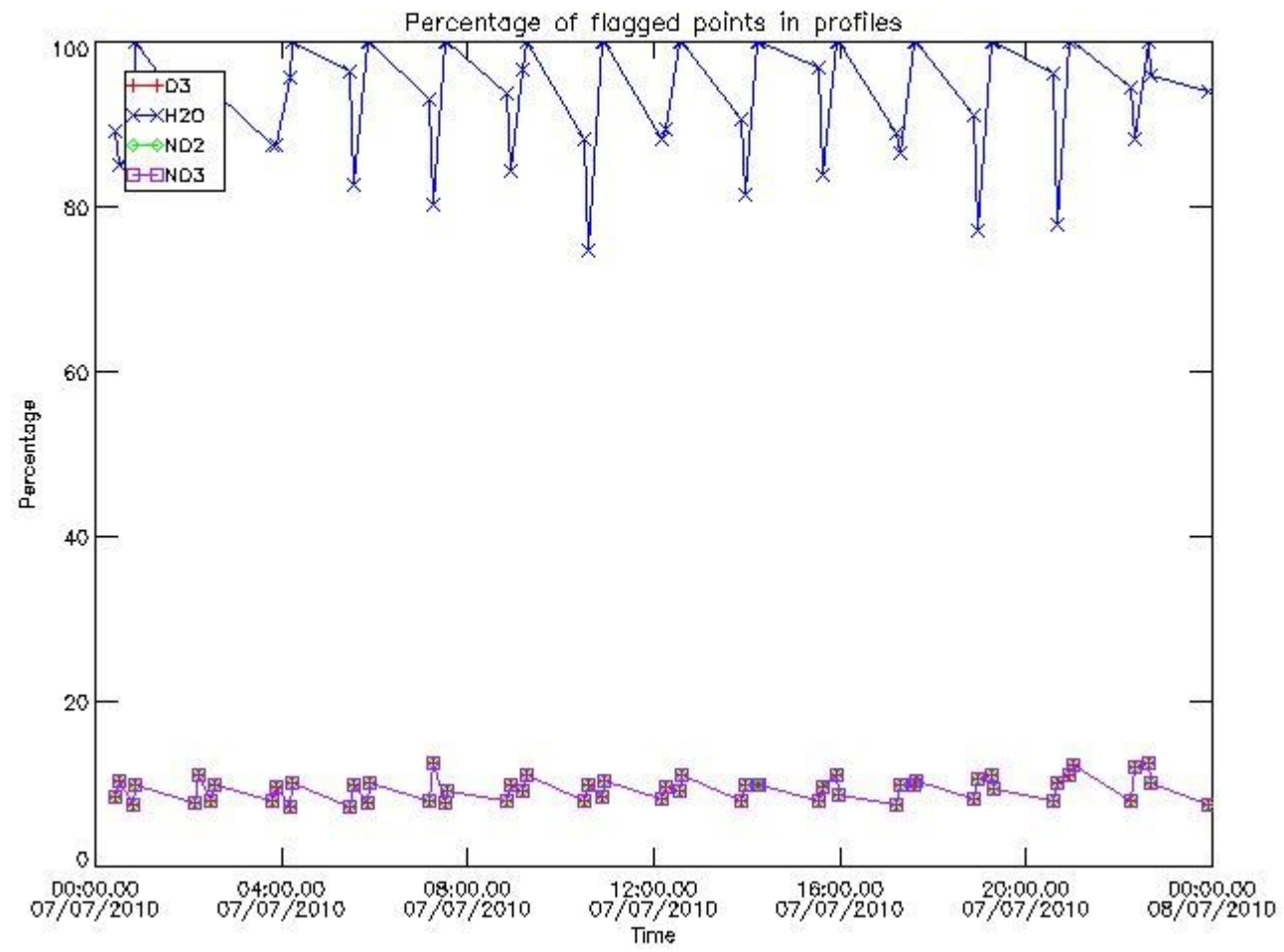
2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20100707_000307_000000462091_00016_43657_8877.N1	07-JUL-2010 00:03:07	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	43657	No
2	GOM_NL__2PRFIN20100707_001037_000000492091_00016_43657_8878.N1	07-JUL-2010 00:10:37	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	43657	No
3	GOM_NL__2PRFIN20100707_001229_000000642091_00016_43657_8879.N1	07-JUL-2010 00:12:29	Bright	64.000	110	37Del Cas	2.6780	8900.0	128	43657	No
4	GOM_NL__2PRFIN20100707_001918_000000542091_00016_43657_8880.N1	07-JUL-2010 00:19:18	Bright	54.000	73	57Gam1And	2.2600	13100.	108	43657	No
5	GOM_NL__2PRFIN20100707_002157_000000762091_00016_43657_8881.N1	07-JUL-2010 00:21:57	Twilight	76.000	53	43Bet And	2.0480	3300.0	152	43657	No
6	GOM_NL__2PRFIN20100707_002648_000000612091_00016_43657_8882.N1	07-JUL-2010 00:26:48	Dark	61.000	50	13Alp Ari	2.0070	4250.0	122	43657	No
7	GOM_NL__2PRFIN20100707_003154_000000542091_00016_43657_8883.N1	07-JUL-2010 00:31:54	Dark	53.500	94	92Alp Cet	2.5260	3100.0	107	43657	No
8	GOM_NL__2PRFIN20100707_004850_000000762091_00016_43657_8884.N1	07-JUL-2010 00:48:50	Dark	76.000	52	16Bet Cet	2.0370	4500.0	152	43657	No
9	GOM_NL__2PRFIN20100707_005159_000000512091_00017_43658_8881.N1	07-JUL-2010 00:51:59	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	43658	No
10	GOM_NL__2PRFIN20100707_005819_000000642091_00017_43658_8882.N1	07-JUL-2010 00:58:19	Straylight	63.500	63	Bet Gru	2.1500	2800.0	127	43658	No
11	GOM_NL__2PRFIN20100707_010054_000000812091_00017_43658_8883.N1	07-JUL-2010 01:00:54	Straylight	80.500	18	24Alp PsA	1.1660	9700.0	161	43658	No
12	GOM_NL__2PRFIN20100707_010314_000000542091_00017_43658_8884.N1	07-JUL-2010 01:03:14	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	43658	No
13	GOM_NL__2PRFIN20100707_012528_000000442091_00017_43658_8885.N1	07-JUL-2010 01:25:28	Bright	44.000	168	17Zet Aql	2.9860	11000.	88	43658	No
14	GOM_NL__2PRFIN20100707_013231_000000412091_00017_43658_8886.N1	07-JUL-2010 01:32:31	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	43658	No
15	GOM_NL__2PRFIN20100707_013631_000000452091_00017_43658_8887.N1	07-JUL-2010 01:36:31	Bright	45.000	144	18Del Cyg	2.8600	11000.	90	43658	No
16	GOM_NL__2PRFIN20100707_013940_000000812091_00017_43658_8888.N1	07-JUL-2010 01:39:40	Bright	81.000	19	50Alp Cyg	1.2460	10500.	162	43658	No
17	GOM_NL__2PRFIN20100707_014343_000000452091_00017_43658_8889.N1	07-JUL-2010 01:43:43	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43658	No
18	GOM_NL__2PRFIN20100707_015113_000000512091_00017_43658_8890.N1	07-JUL-2010 01:51:13	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	43658	No
19	GOM_NL__2PRFIN20100707_015304_000000452091_00017_43658_8891.N1	07-JUL-2010 01:53:04	Bright	45.000	110	37Del Cas	2.6780	8900.0	90	43658	No
20	GOM_NL__2PRFIN20100707_015953_000000522091_00017_43658_8892.N1	07-JUL-2010 01:59:53	Bright	52.000	73	57Gam1And	2.2600	13100.	104	43658	No
21	GOM_NL__2PRFIN20100707_020233_000000772091_00017_43658_8893.N1	07-JUL-2010 02:02:33	Twilight	77.000	53	43Bet And	2.0480	3300.0	154	43658	No
22	GOM_NL__2PRFIN20100707_020725_000000672091_00017_43658_8894.N1	07-JUL-2010 02:07:25	Dark	66.500	50	13Alp Ari	2.0070	4250.0	133	43658	No
23	GOM_NL__2PRFIN20100707_021231_000000552091_00017_43658_8895.N1	07-JUL-2010 02:12:31	Dark	55.000	94	92Alp Cet	2.5260	3100.0	110	43658	No
24	GOM_NL__2PRFIN20100707_022928_000000712091_00017_43658_8896.N1	07-JUL-2010 02:29:28	Dark	71.000	52	16Bet Cet	2.0370	4500.0	142	43658	No
25	GOM_NL__2PRFIN20100707_023237_000000512091_00018_43659_8913.N1	07-JUL-2010 02:32:37	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	43659	No
26	GOM_NL__2PRFIN20100707_023856_000000662091_00018_43659_8914.N1	07-JUL-2010 02:38:56	Straylight	65.500	63	Bet Gru	2.1500	2800.0	131	43659	No
27	GOM_NL__2PRFIN20100707_024132_000000832091_00018_43659_8915.N1	07-JUL-2010 02:41:32	Straylight	83.000	18	24Alp PsA	1.1660	9700.0	166	43659	No
28	GOM_NL__2PRFIN20100707_024351_000000552091_00018_43659_8916.N1	07-JUL-2010 02:43:51	Straylight	54.500	172	Gam Gru	3.0030	13100.	109	43659	No
29	GOM_NL__2PRFIN20100707_031306_000000382091_00018_43659_8917.N1	07-JUL-2010 03:13:06	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	43659	No
30	GOM_NL__2PRFIN20100707_031706_000000472091_00018_43659_8918.N1	07-JUL-2010 03:17:06	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	43659	No
31	GOM_NL__2PRFIN20100707_032014_000000512091_00018_43659_8919.N1	07-JUL-2010 03:20:14	Bright	51.000	19	50Alp Cyg	1.2460	10500.	102	43659	No
32	GOM_NL__2PRFIN20100707_032418_000000442091_00018_43659_8920.N1	07-JUL-2010 03:24:18	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43659	No
33	GOM_NL__2PRFIN20100707_033148_000000512091_00018_43659_8921.N1	07-JUL-2010 03:31:48	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	43659	No
34	GOM_NL__2PRFIN20100707_033340_000000432091_00018_43659_8922.N1	07-JUL-2010 03:33:40	Bright	42.500	110	37Del Cas	2.6780	8900.0	85	43659	No
35	GOM_NL__2PRFIN20100707_034030_000000522091_00018_43659_8923.N1	07-JUL-2010 03:40:30	Bright	51.500	73	57Gam1And	2.2600	13100.	103	43659	No
36	GOM_NL__2PRFIN20100707_034309_000000772091_00018_43659_8924.N1	07-JUL-2010 03:43:09	Twilight	77.000	53	43Bet And	2.0480	3300.0	154	43659	No
37	GOM_NL__2PRFIN20100707_034801_000000642091_00018_43659_8925.N1	07-JUL-2010 03:48:01	Dark	64.000	50	13Alp Ari	2.0070	4250.0	128	43659	No
38	GOM_NL__2PRFIN20100707_035308_000000532091_00018_43659_8926.N1	07-JUL-2010 03:53:08	Dark	52.500	94	92Alp Cet	2.5260	3100.0	105	43659	No
39	GOM_NL__2PRFIN20100707_041006_000000712091_00018_43659_8922.N1	07-JUL-2010 04:10:06	Dark	71.000	52	16Bet Cet	2.0370	4500.0	142	43659	No
40	GOM_NL__2PRFIN20100707_041314_000000502091_00019_43660_8923.N1	07-JUL-2010 04:13:14	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	43660	No
41	GOM_NL__2PRFIN20100707_041933_000000522091_00019_43660_8924.N1	07-JUL-2010 04:19:33	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	43660	No
42	GOM_NL__2PRFIN20100707_042209_000000832091_00019_43660_8925.N1	07-JUL-2010 04:22:09	Straylight	82.500	18	24Alp PsA	1.1660	9700.0	165	43660	No

3. Quality information per product

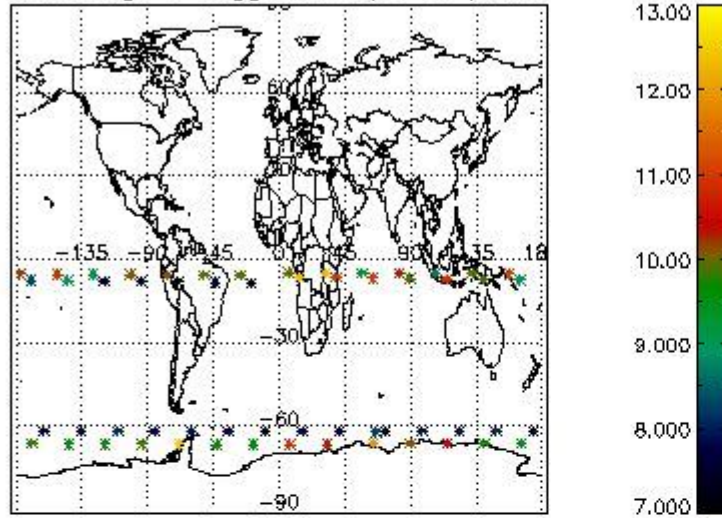
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

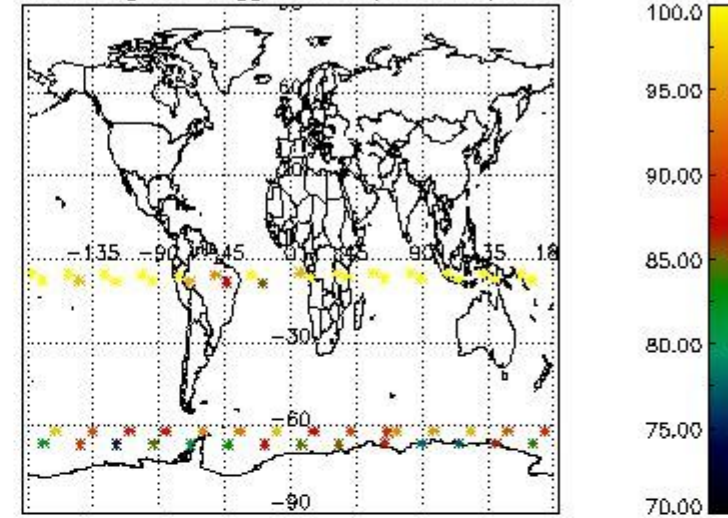


3.2 Plot quality information per product (world map)

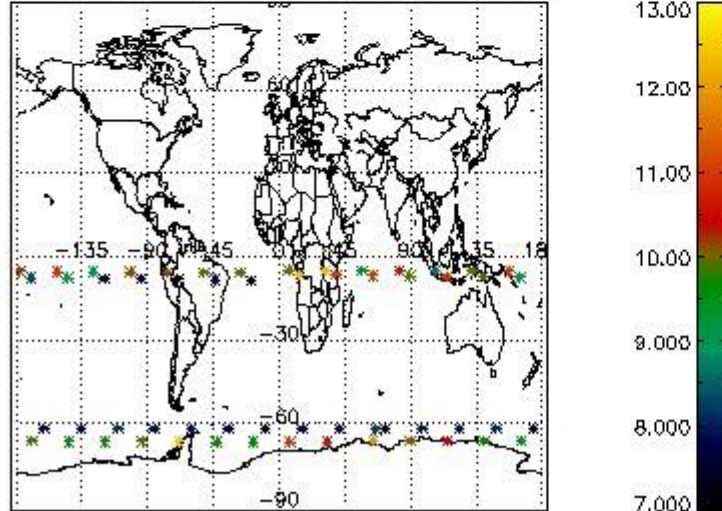
Percentage of flagged data per O3 profile



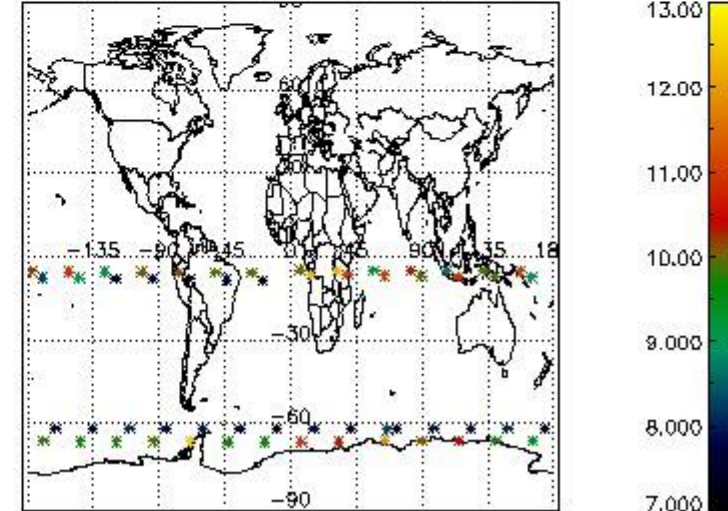
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

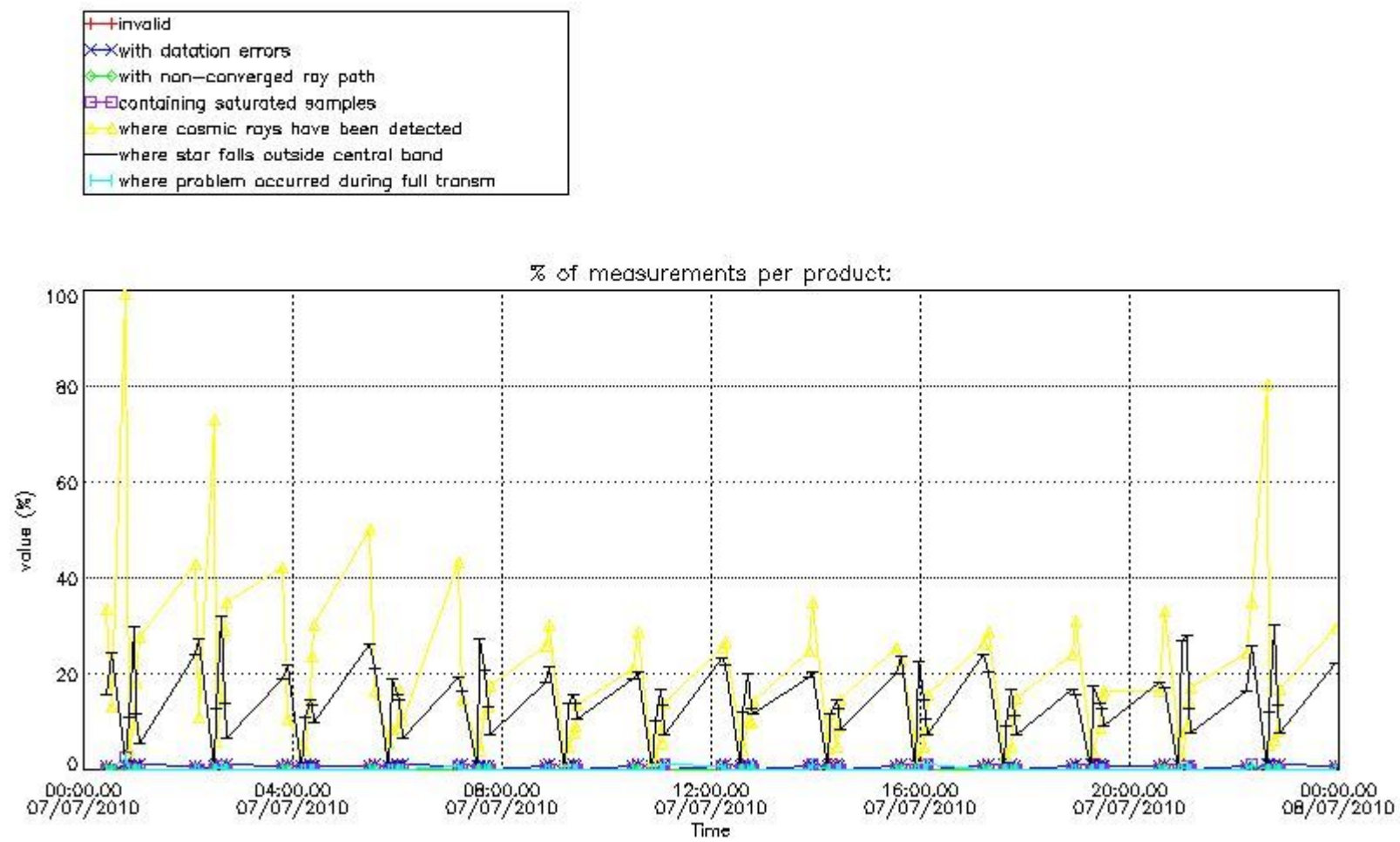


4. Level 1 quality information per product

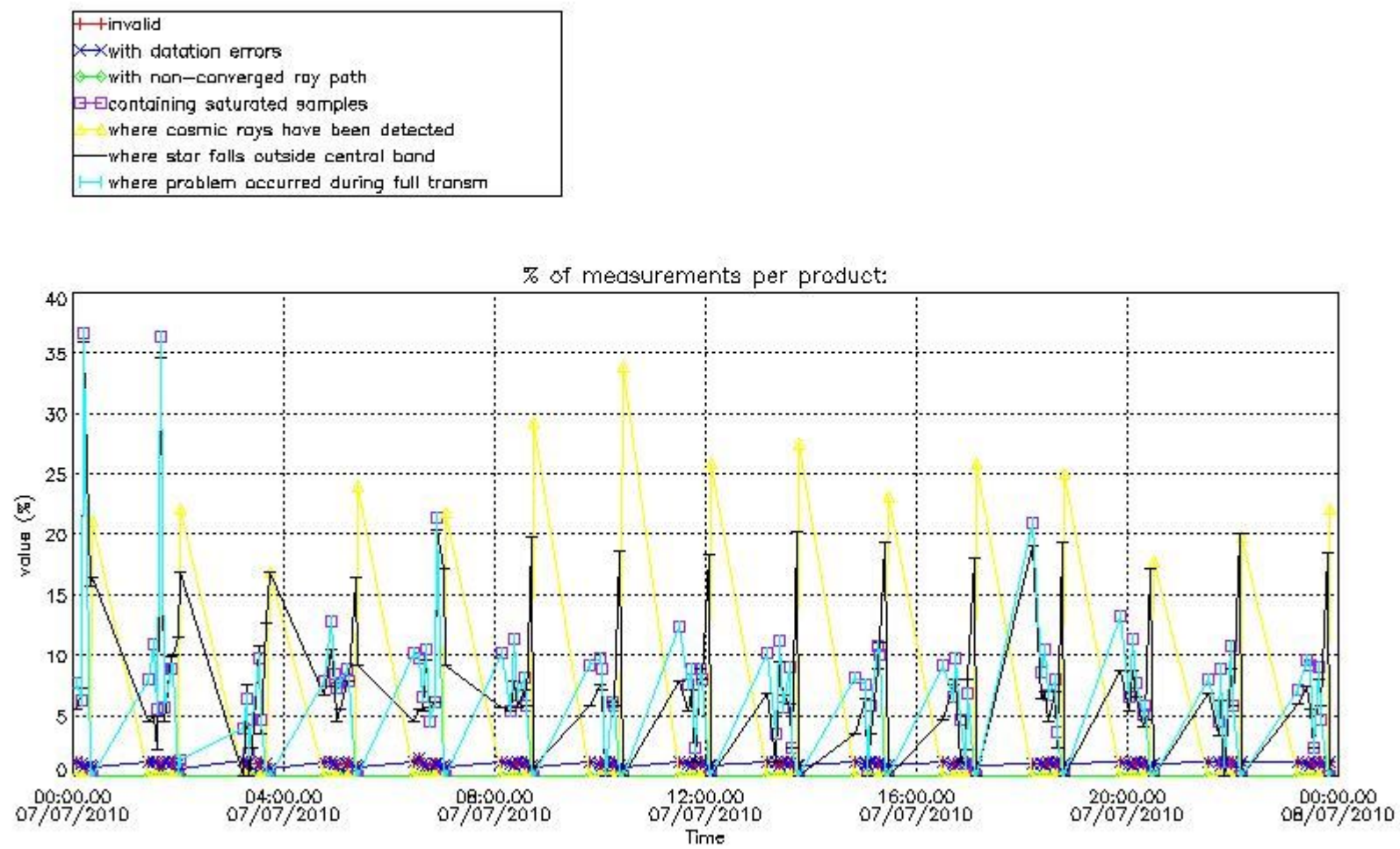
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



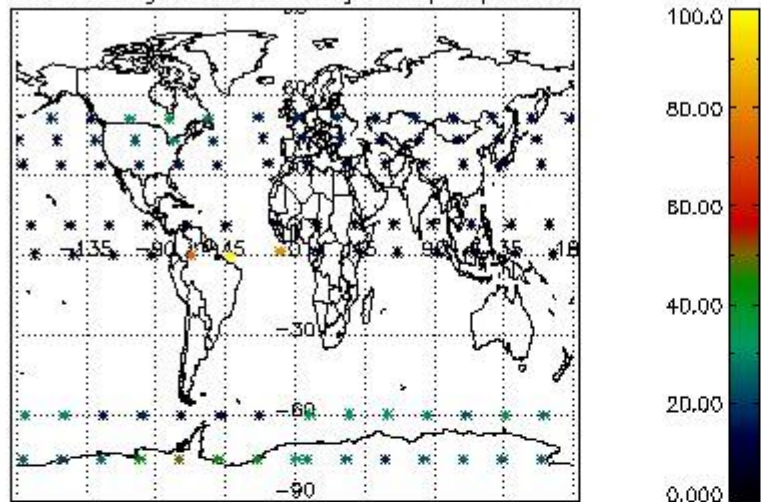
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



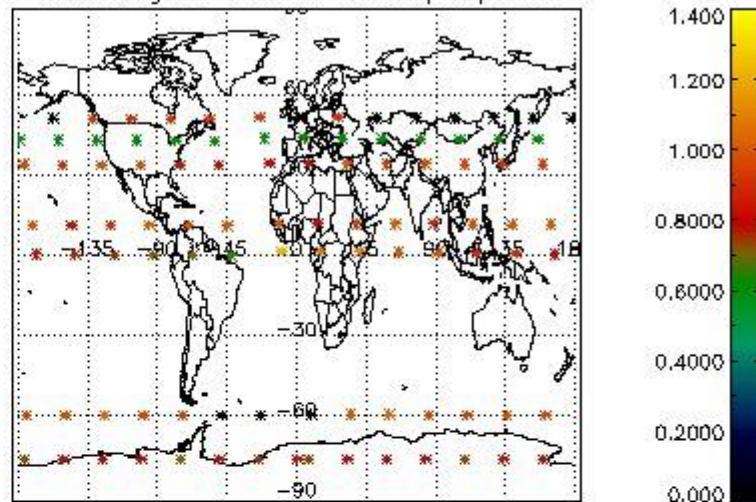
4.2 Plot quality information per product coming from level 1b processing (world map)

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

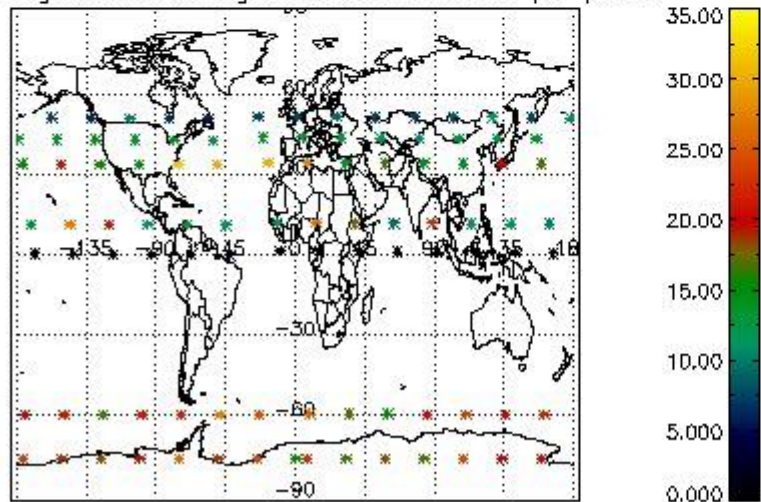
Percentage of cosmic ray hits per profile



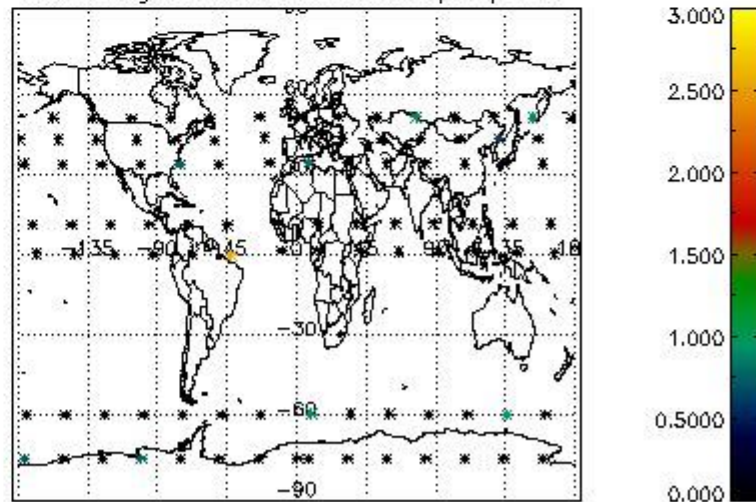
Percentage of datation errors per profile



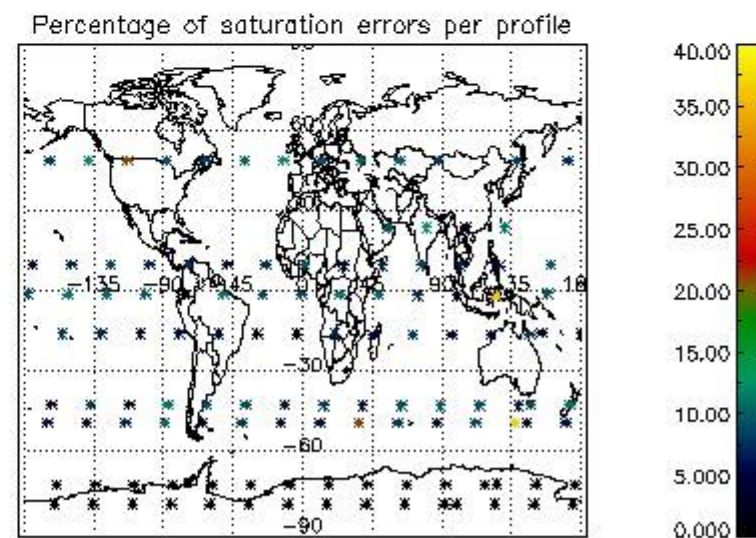
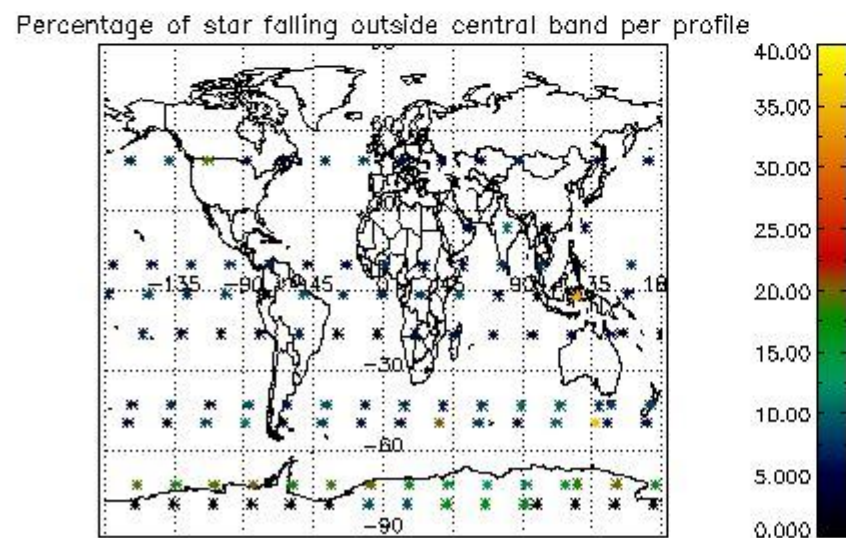
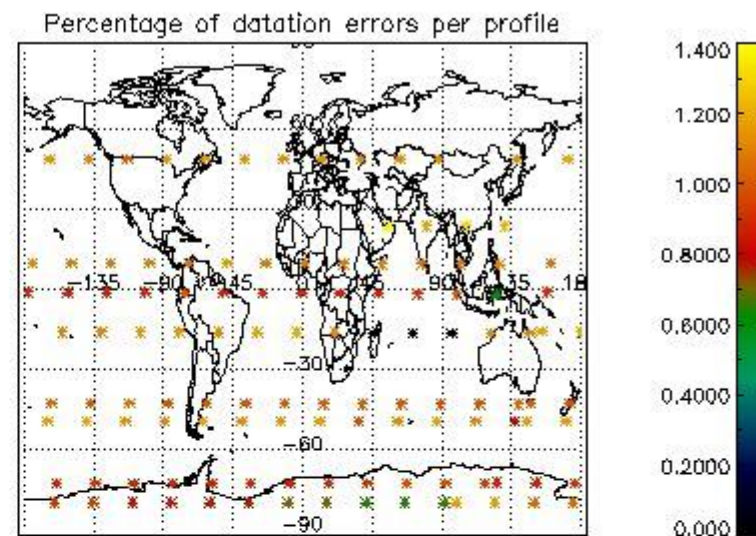
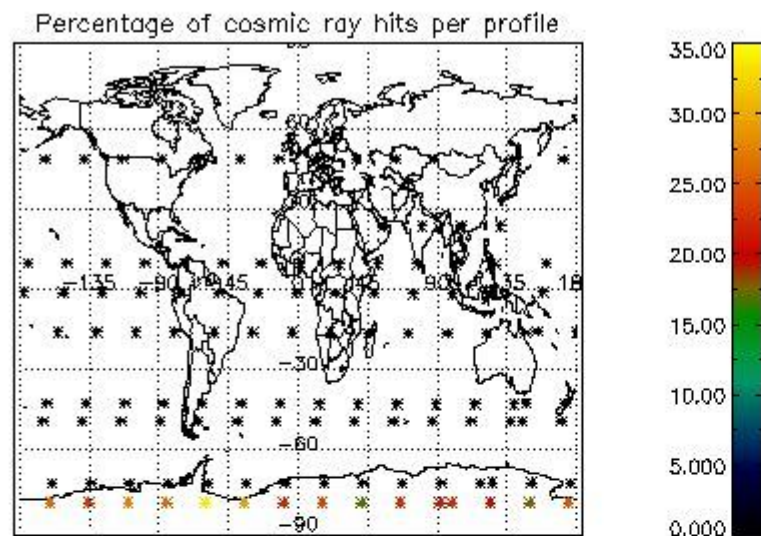
Percentage of star falling outside central band per profile



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

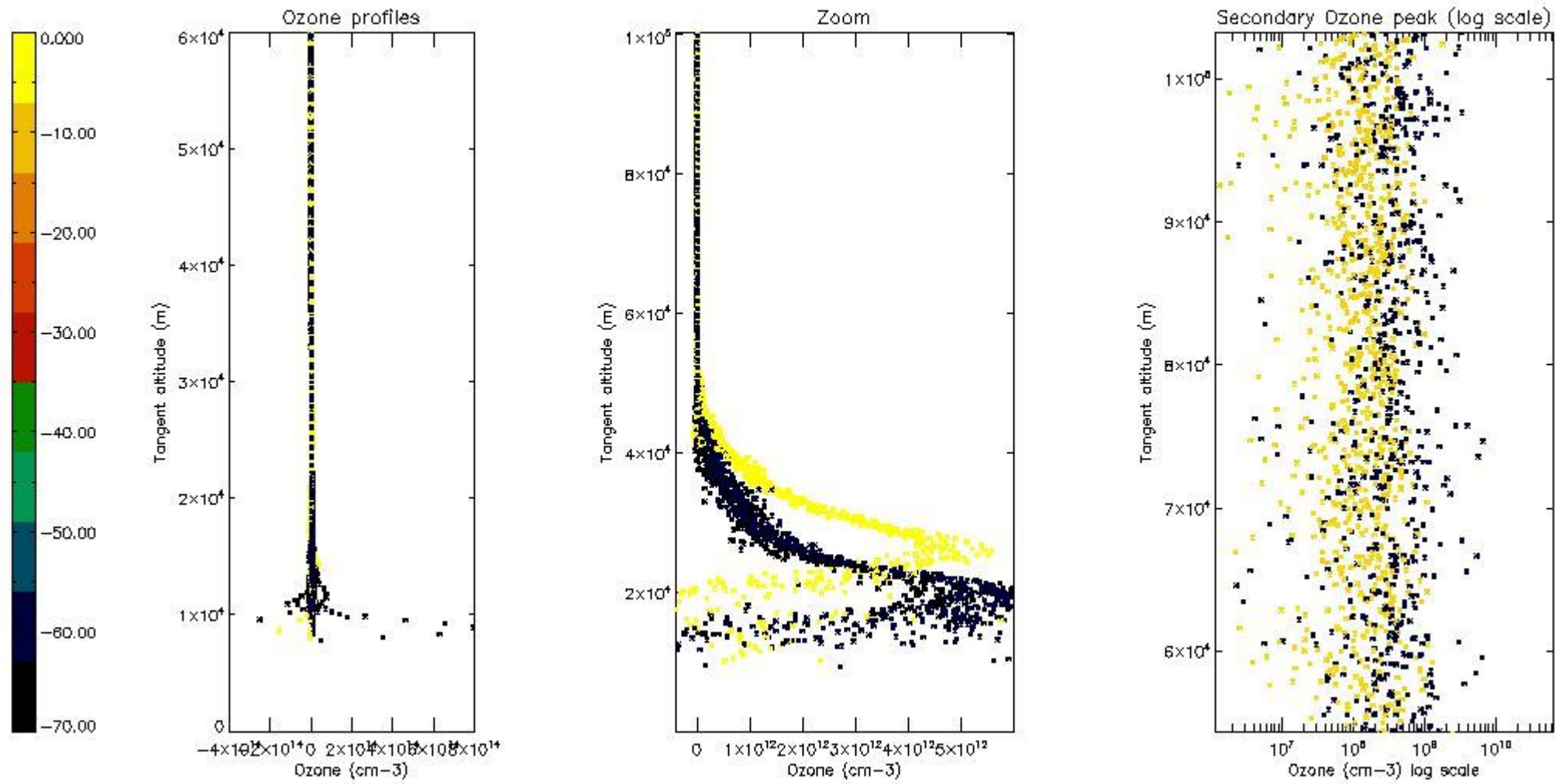
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	6

STD < 10	3
STD < 5	1

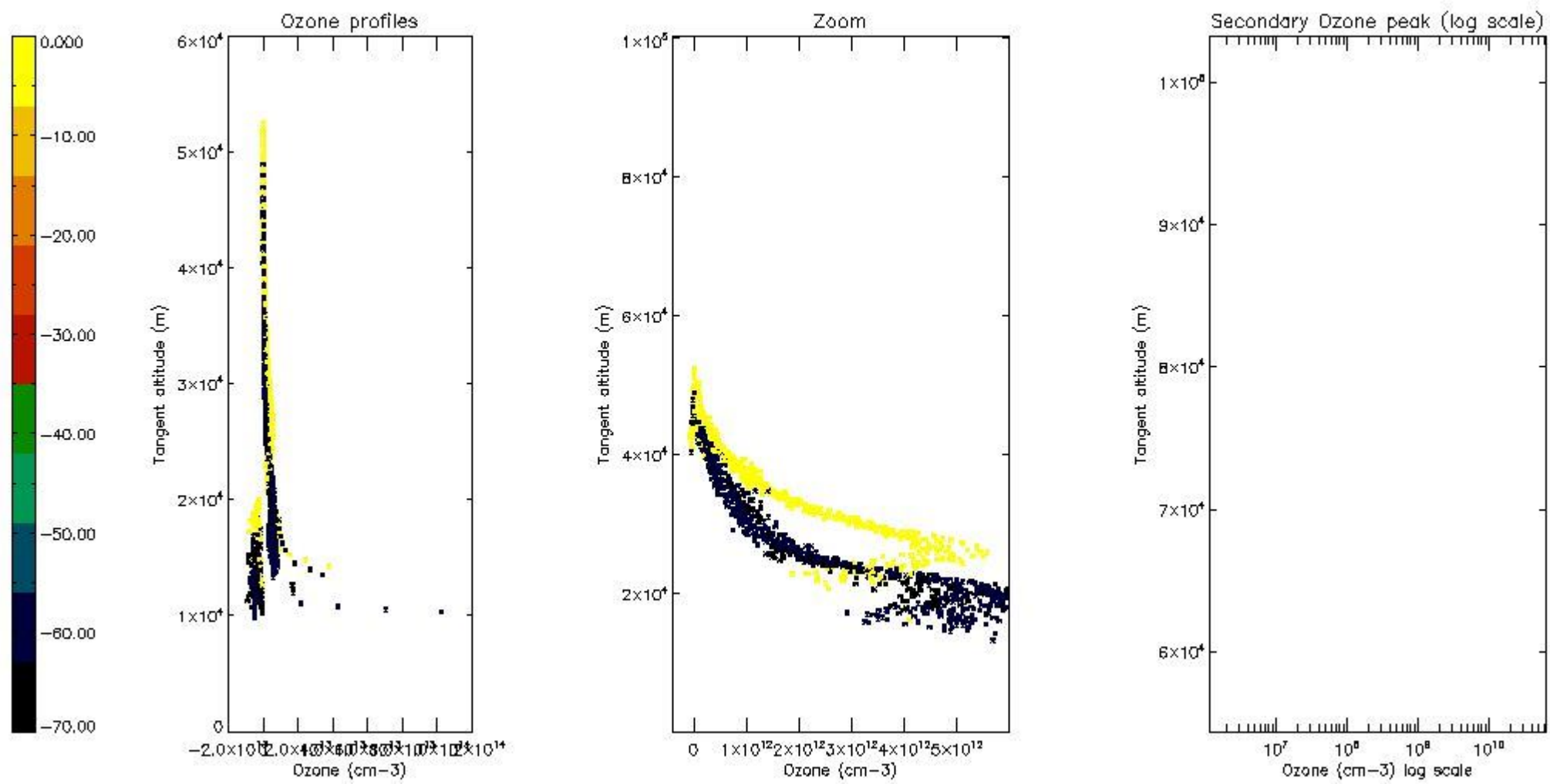
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



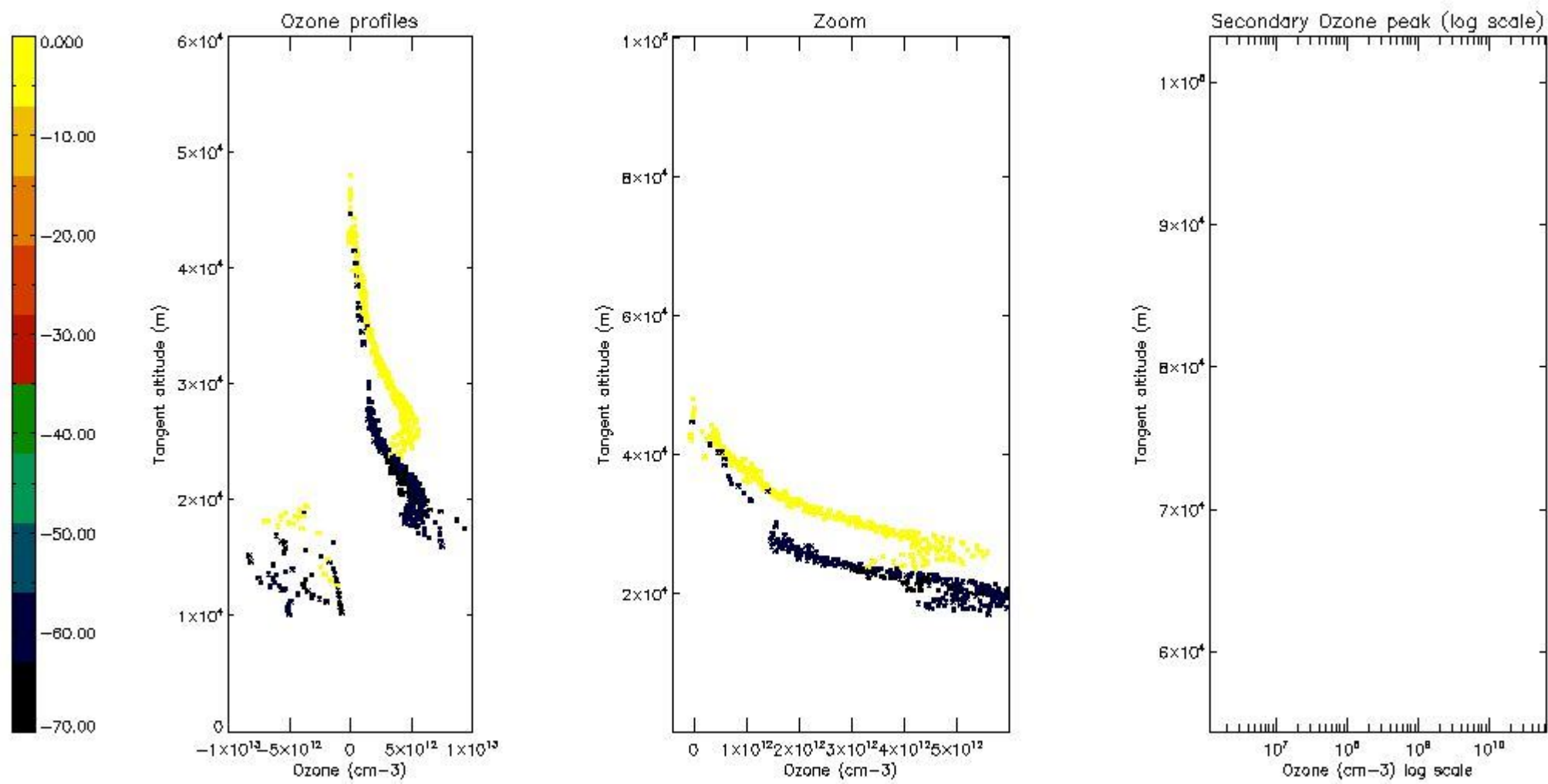
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



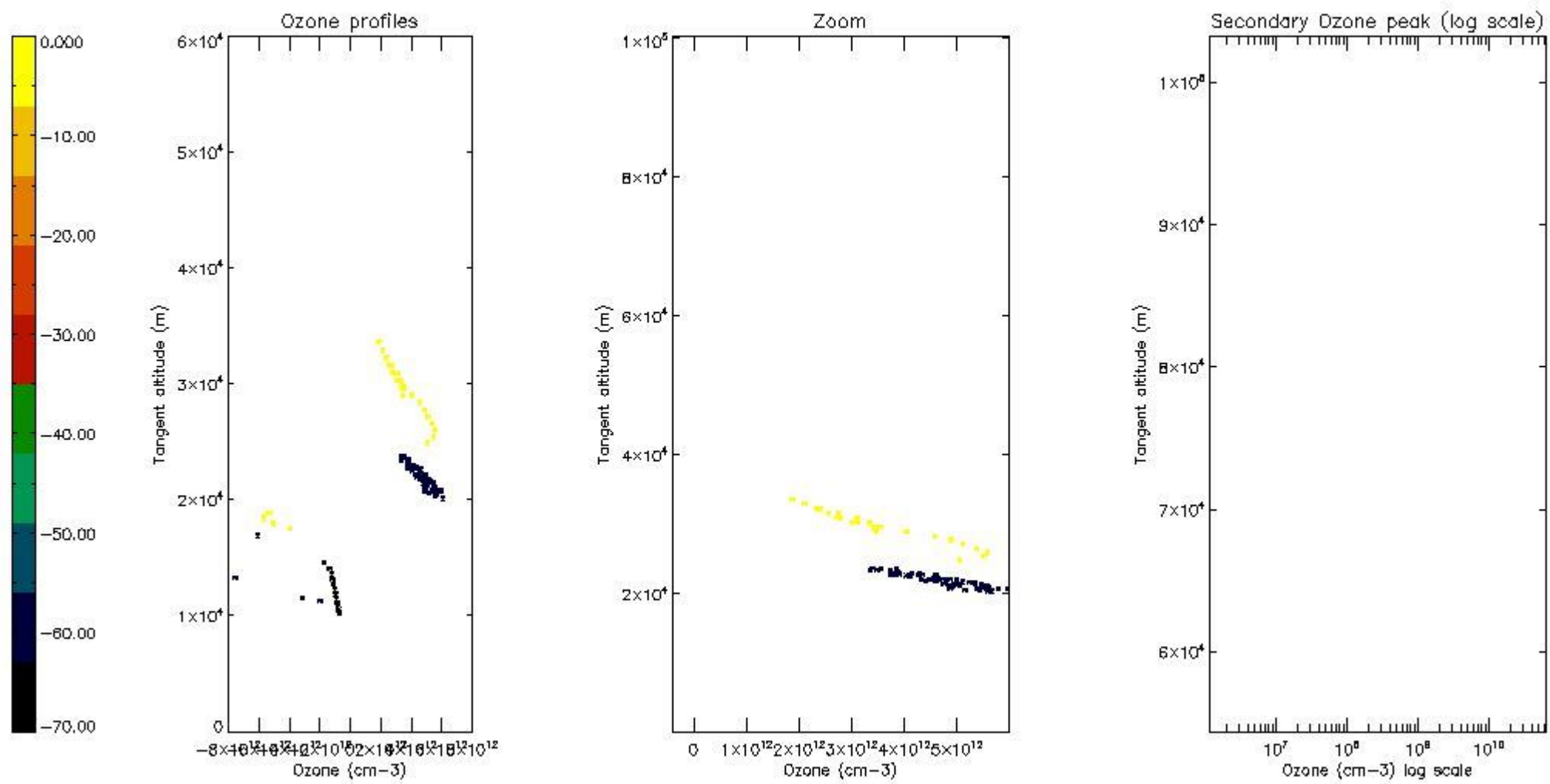
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



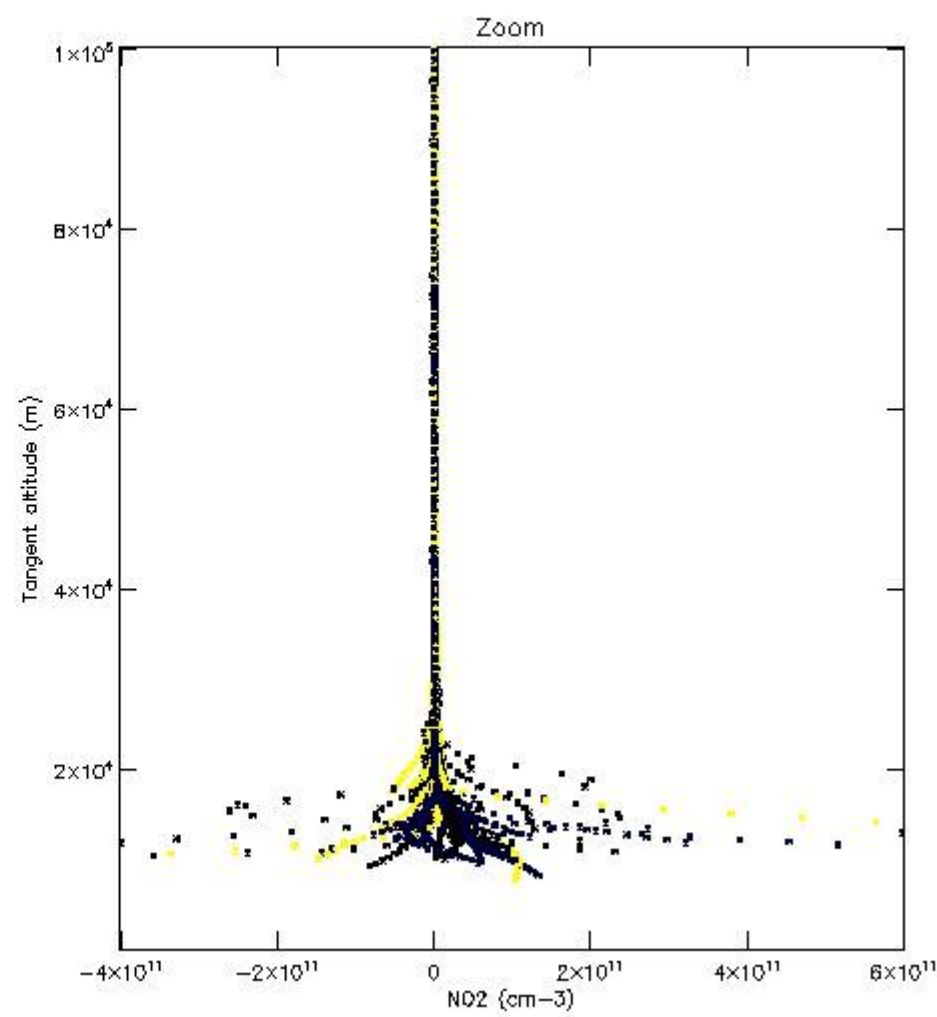
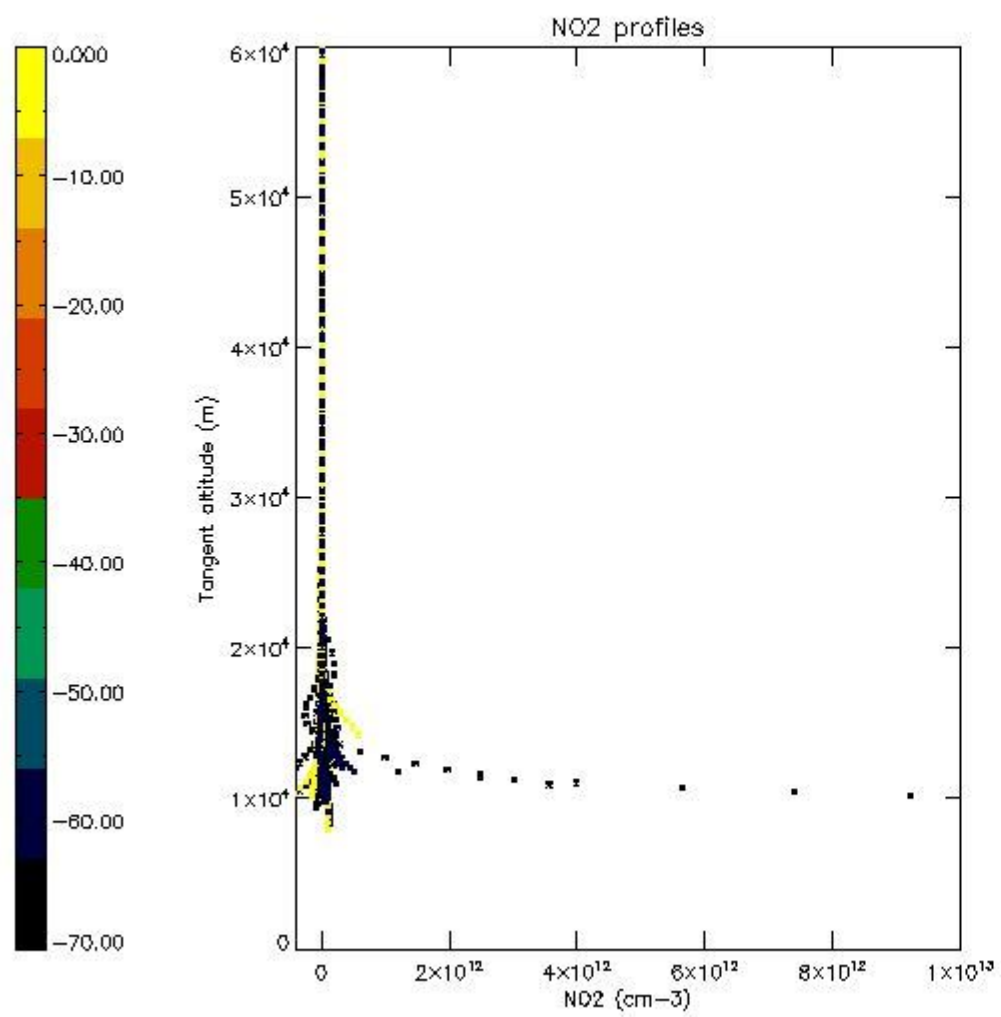
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



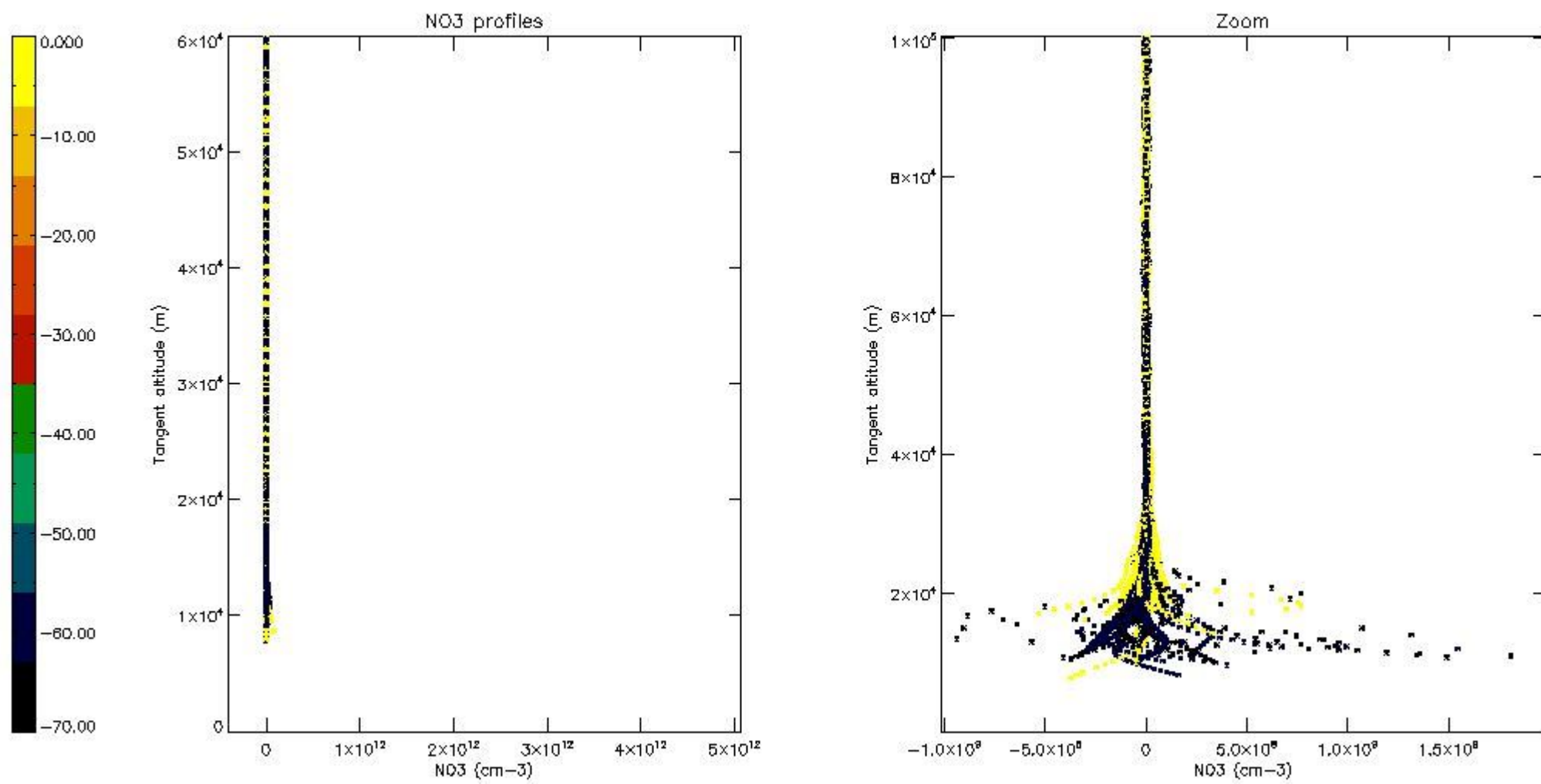
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



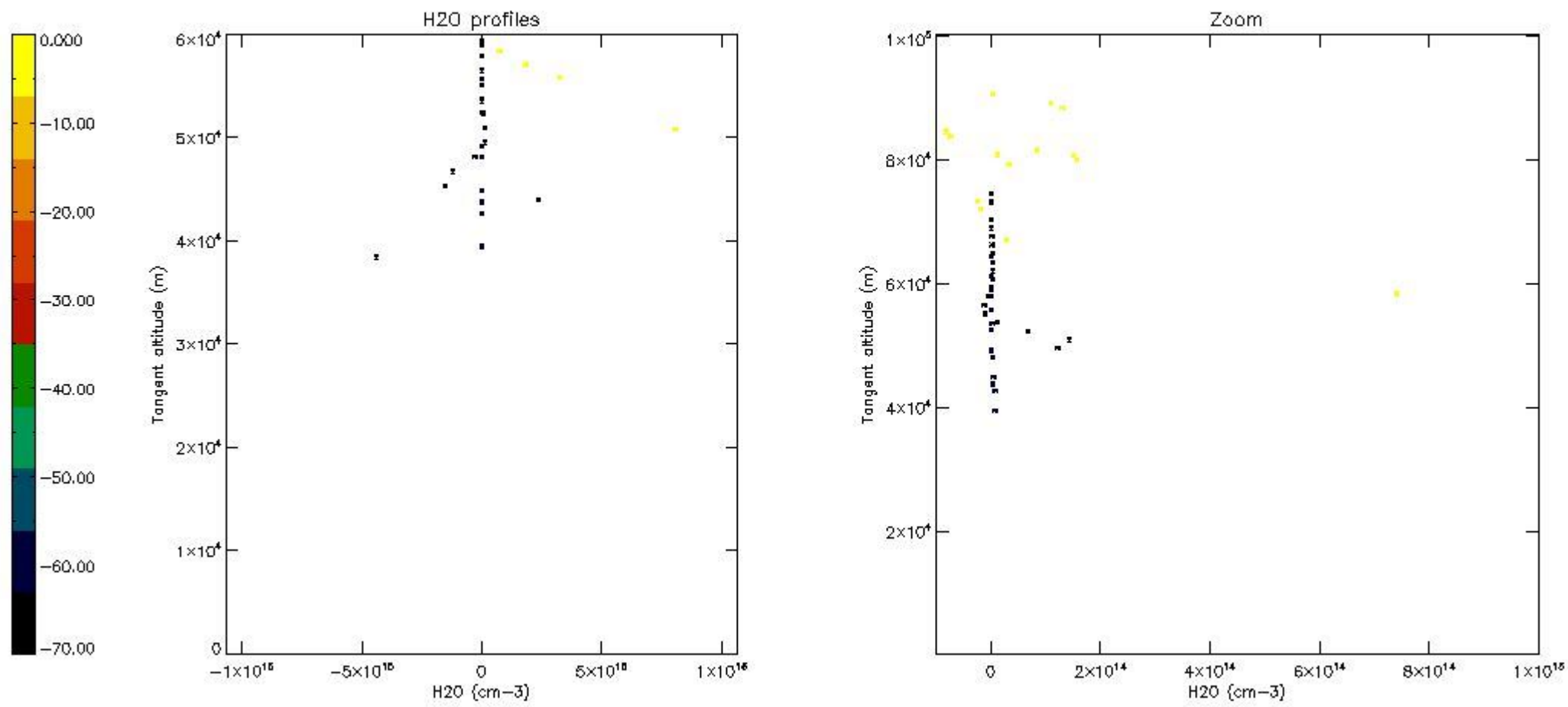
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

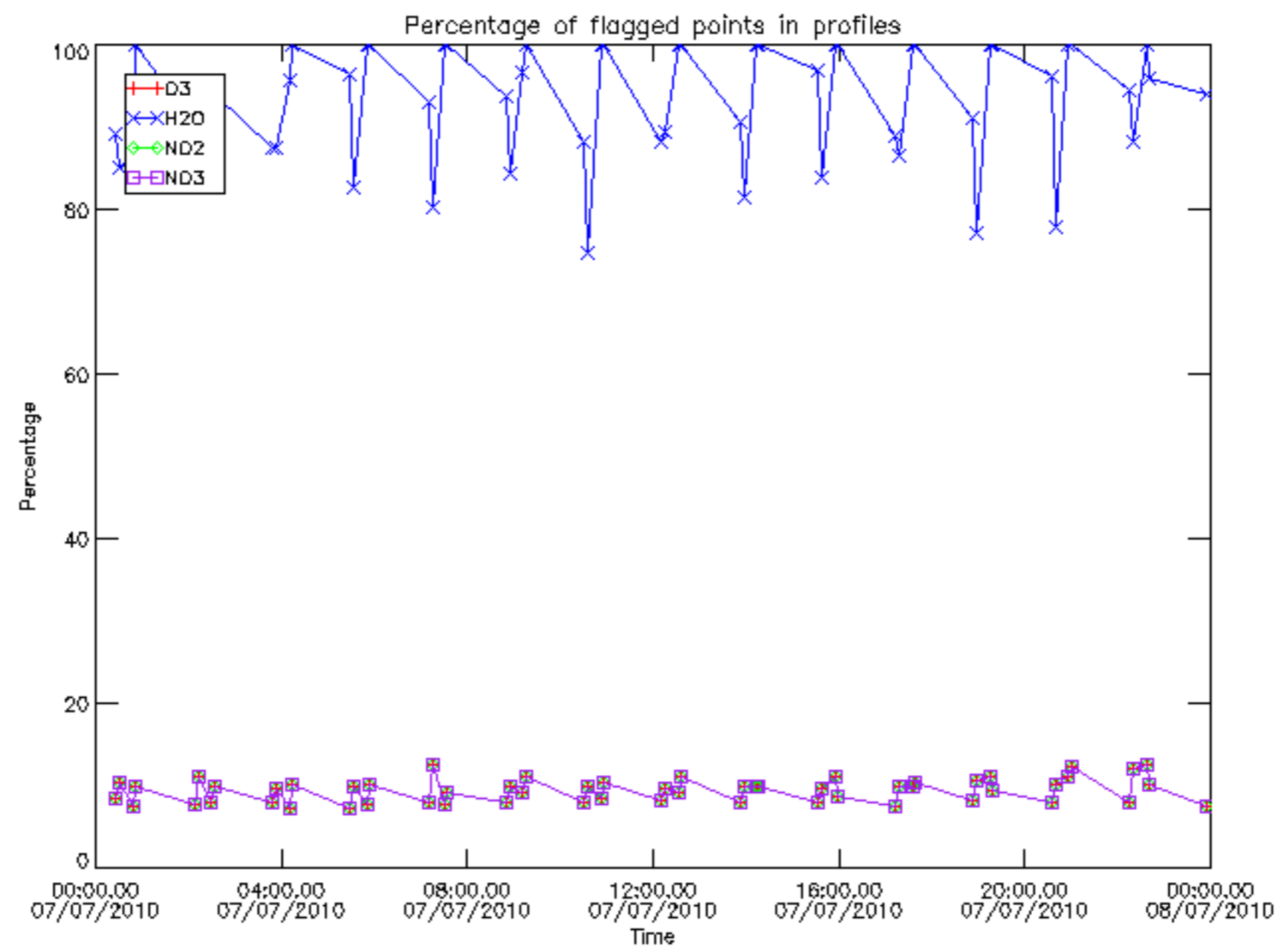
The colorbar represents the latitude.



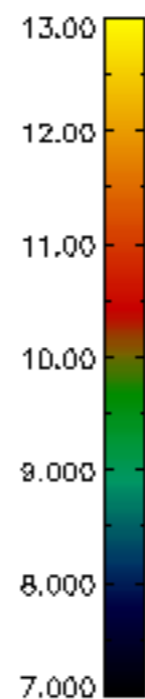
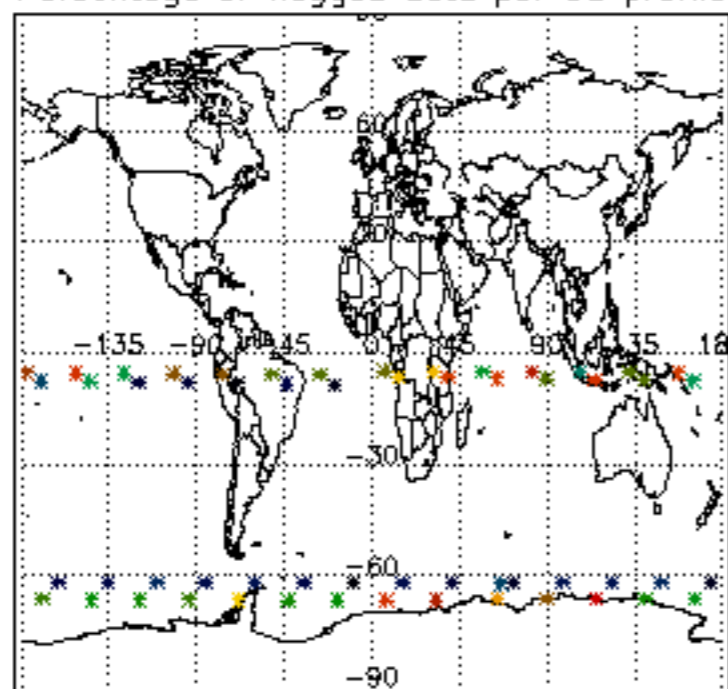
6. Auxiliary Data Files used for the production reported in section 2

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.

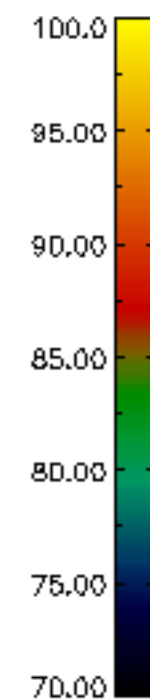
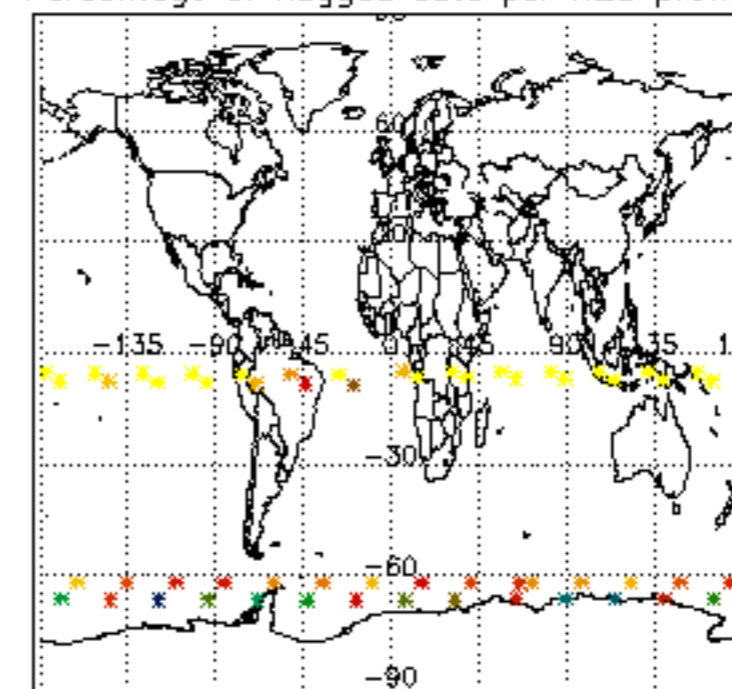
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	07-JUL-2010 00:03:07
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	07-JUL-2010 00:03:07
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	07-JUL-2010 00:03:07



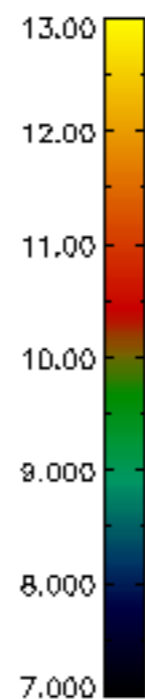
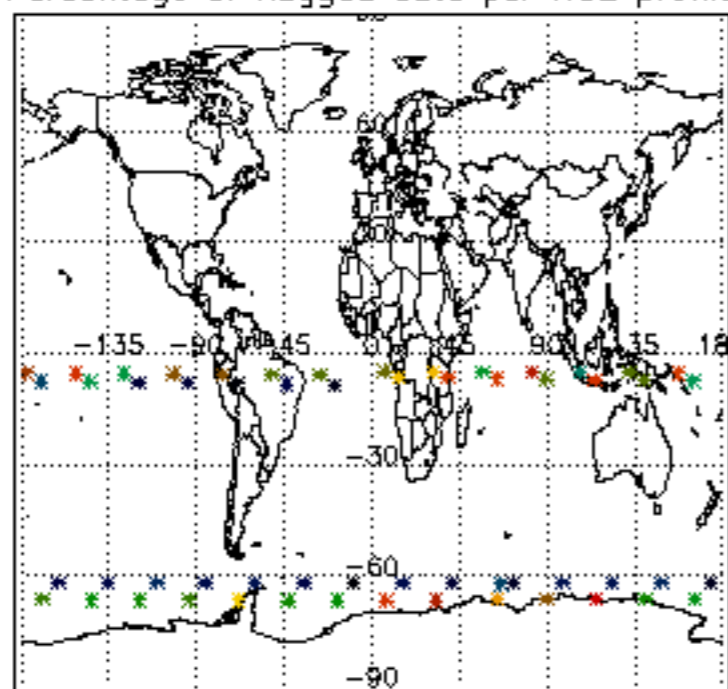
Percentage of flagged data per D3 profile



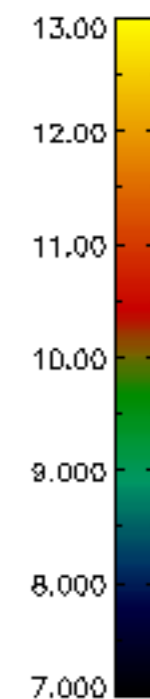
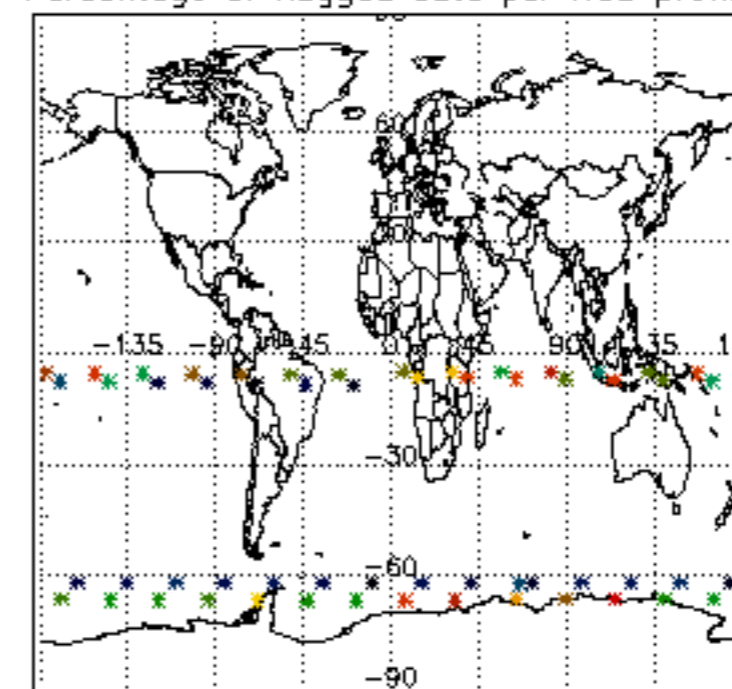
Percentage of flagged data per H2O profile

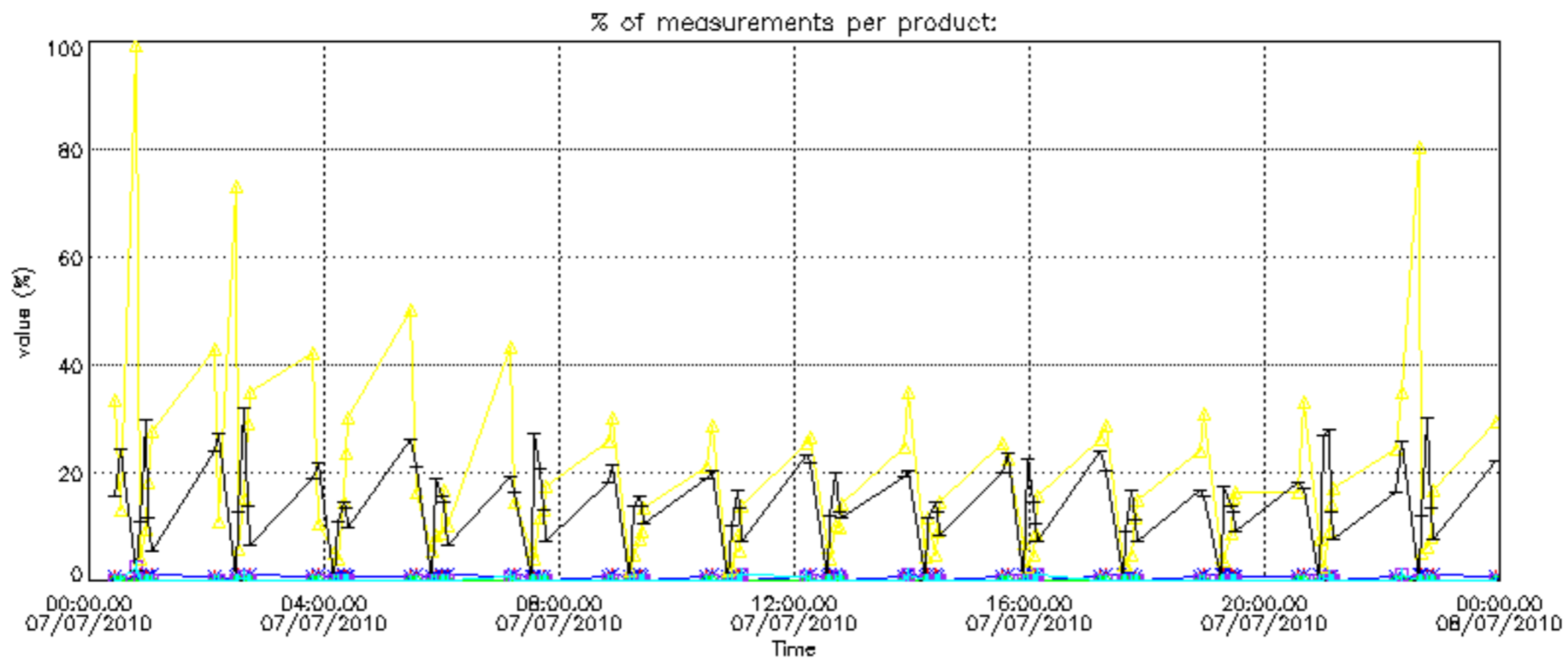


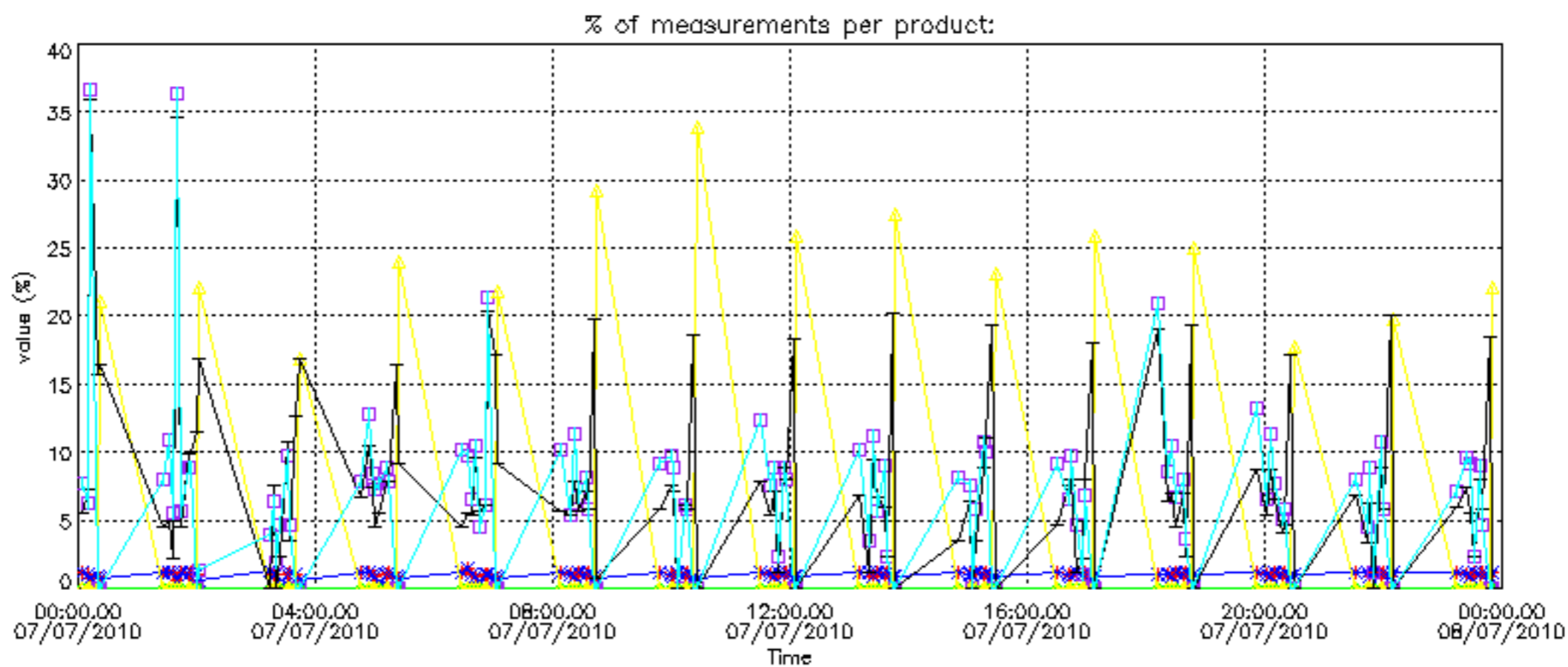
Percentage of flagged data per NO2 profile



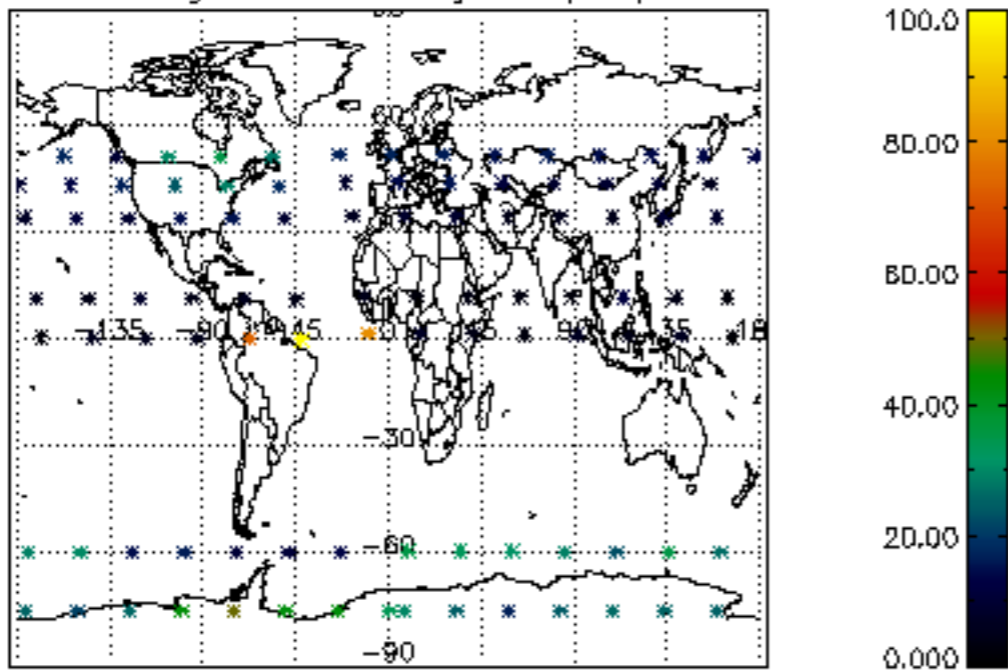
Percentage of flagged data per NO3 profile



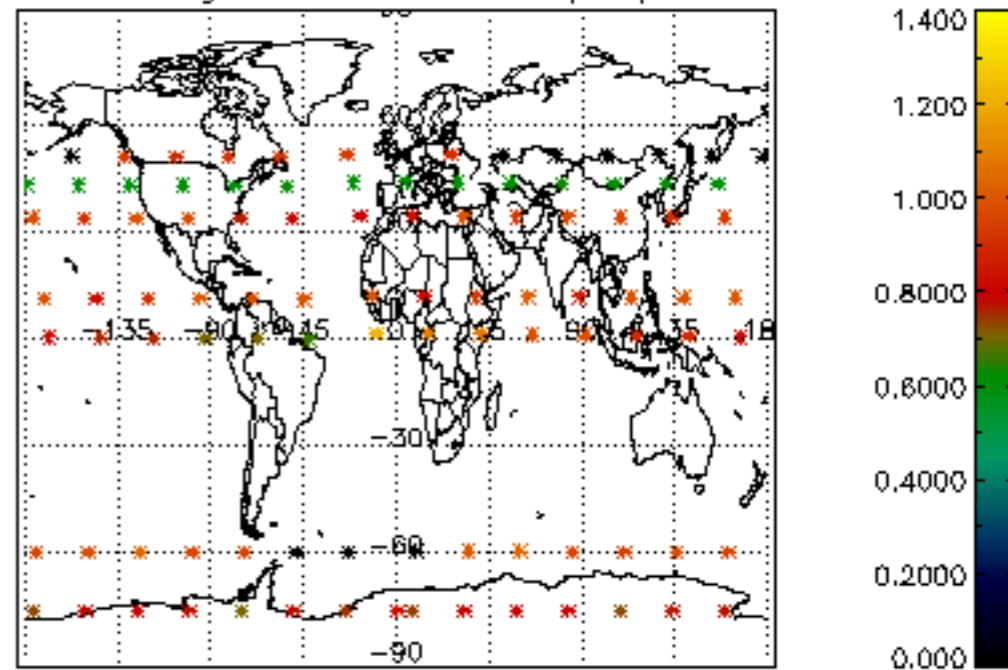




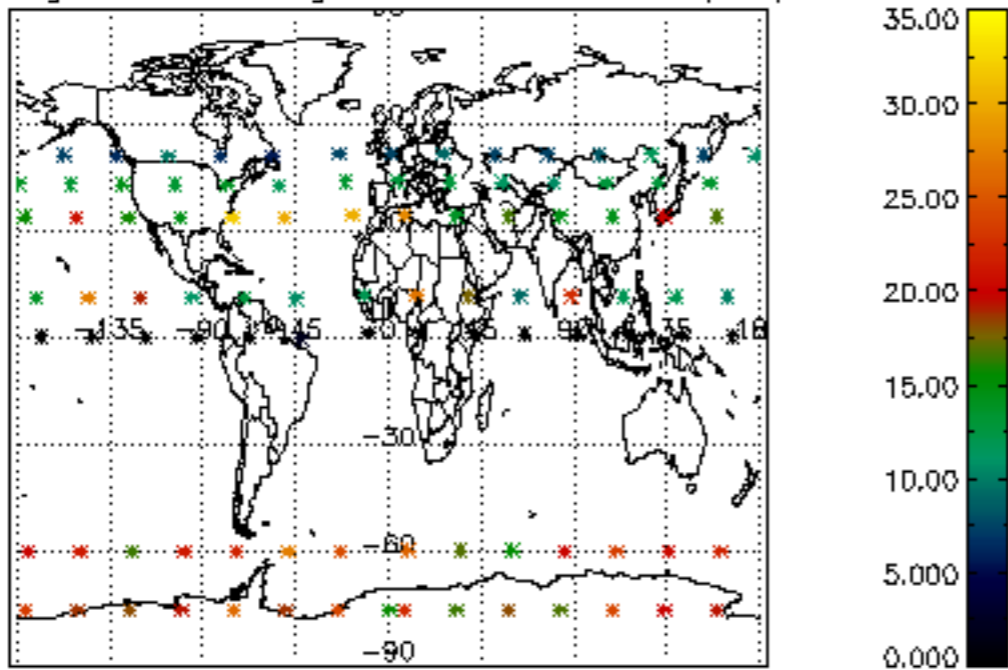
Percentage of cosmic ray hits per profile



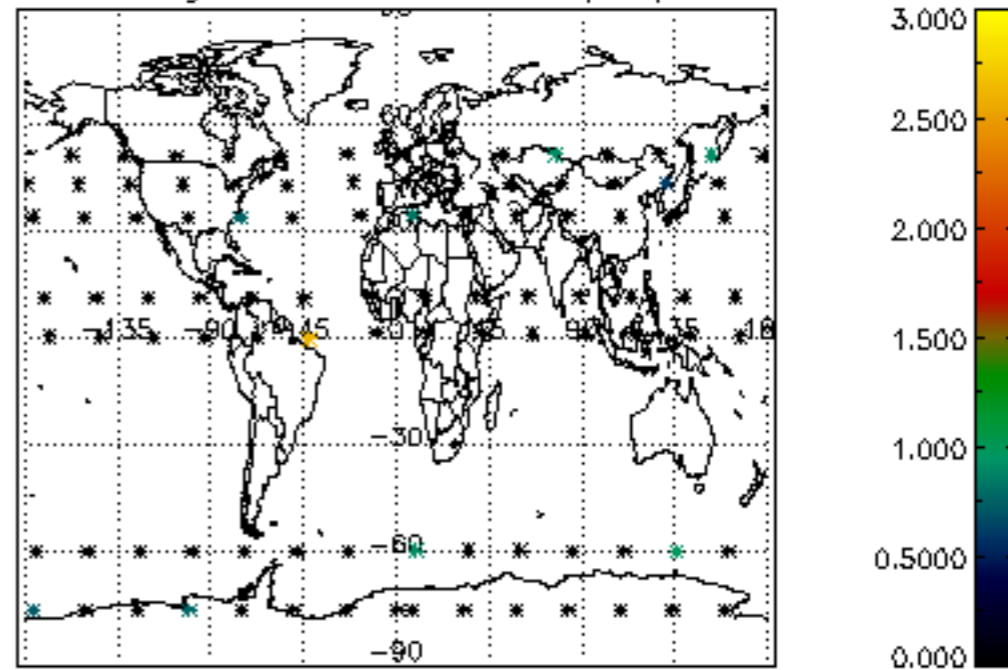
Percentage of datation errors per profile



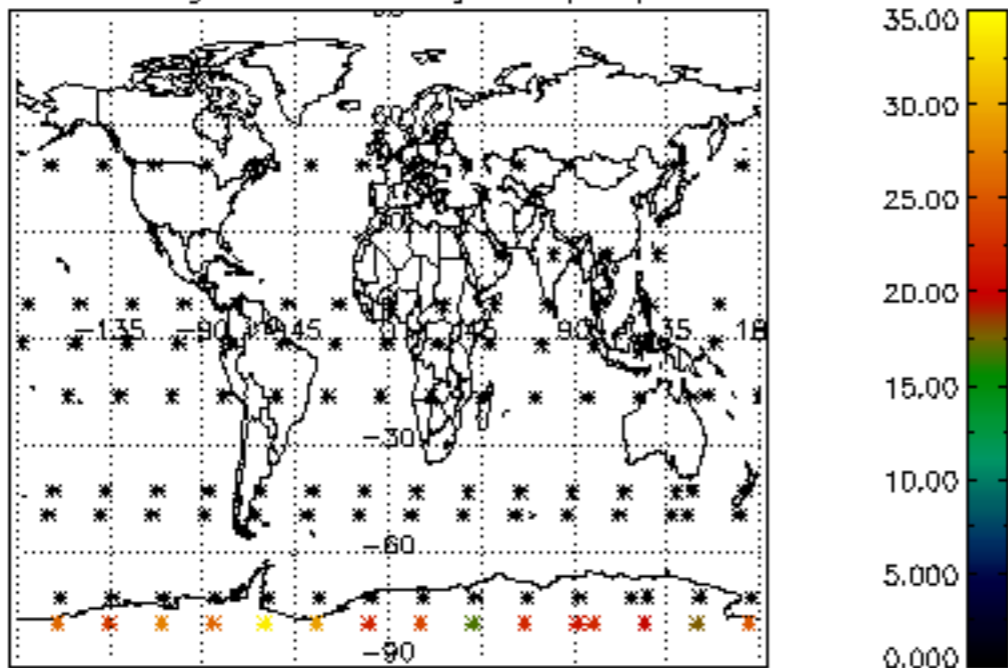
Percentage of star falling outside central band per profile



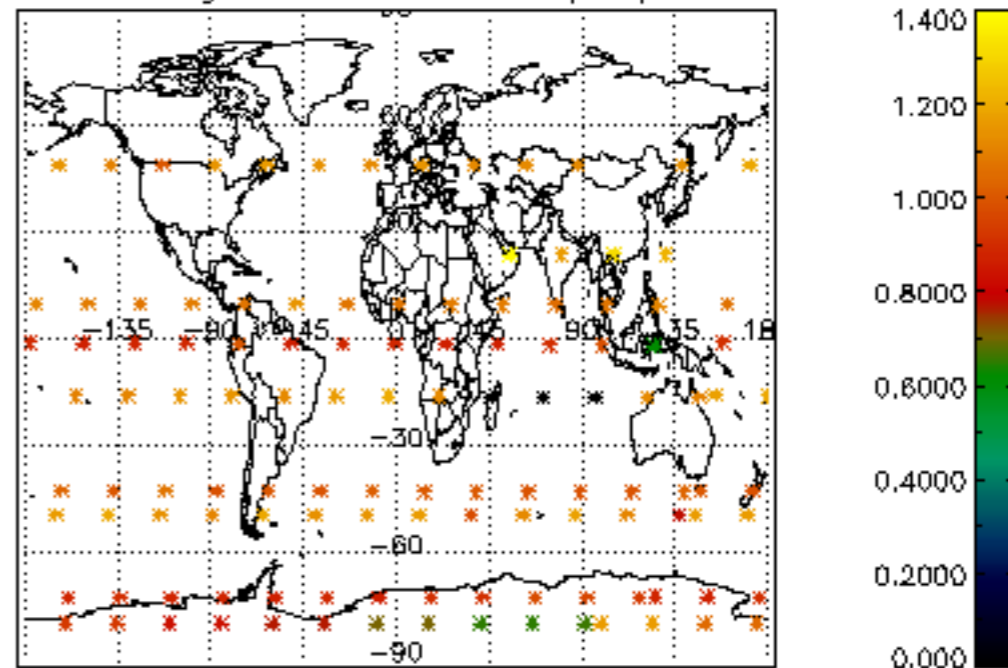
Percentage of saturation errors per profile



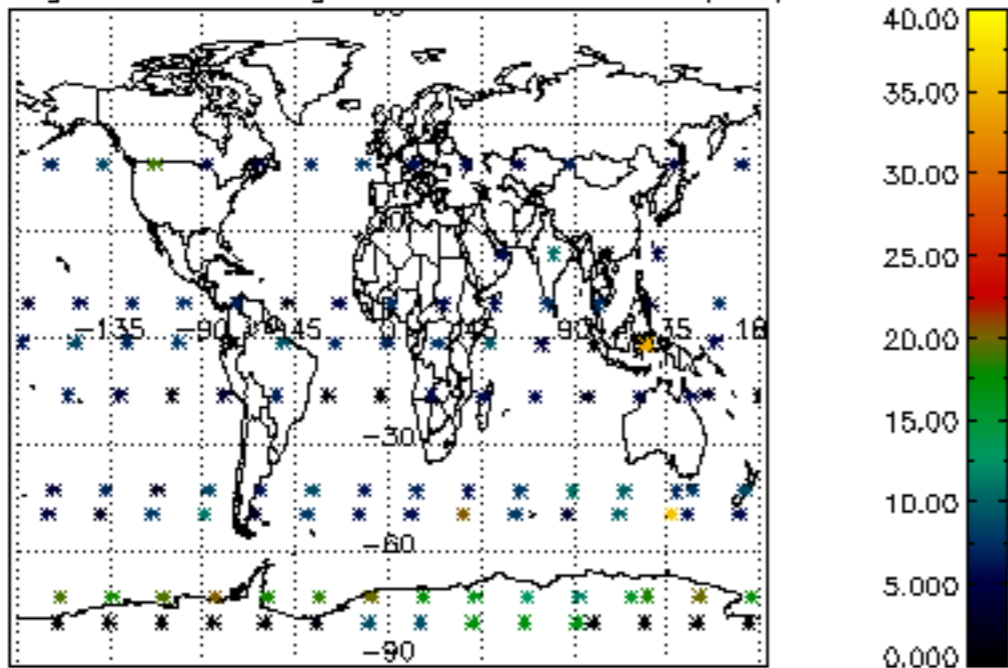
Percentage of cosmic ray hits per profile



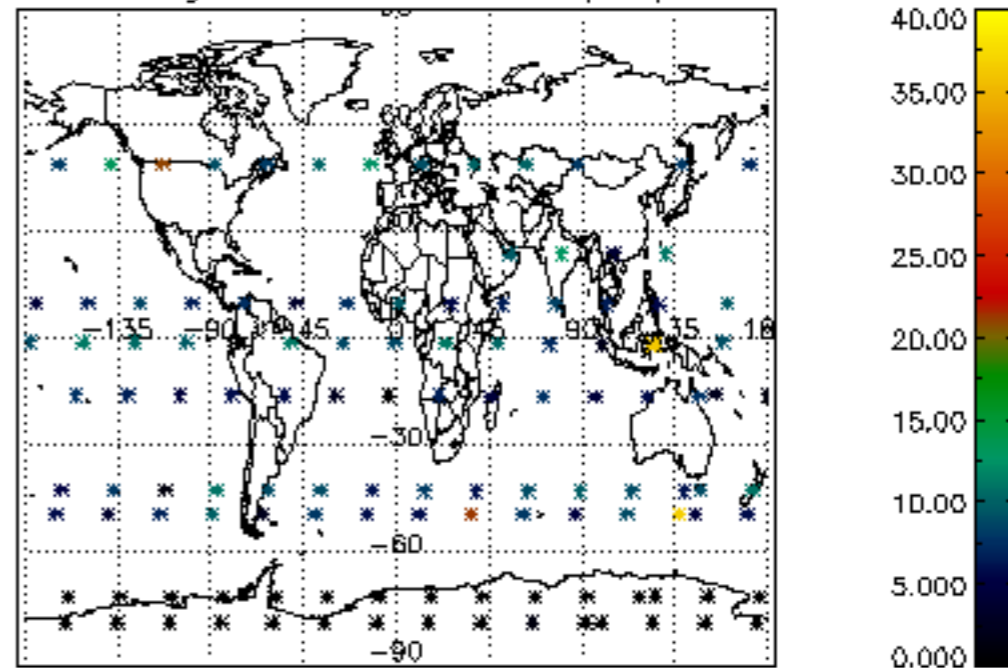
Percentage of datation errors per profile

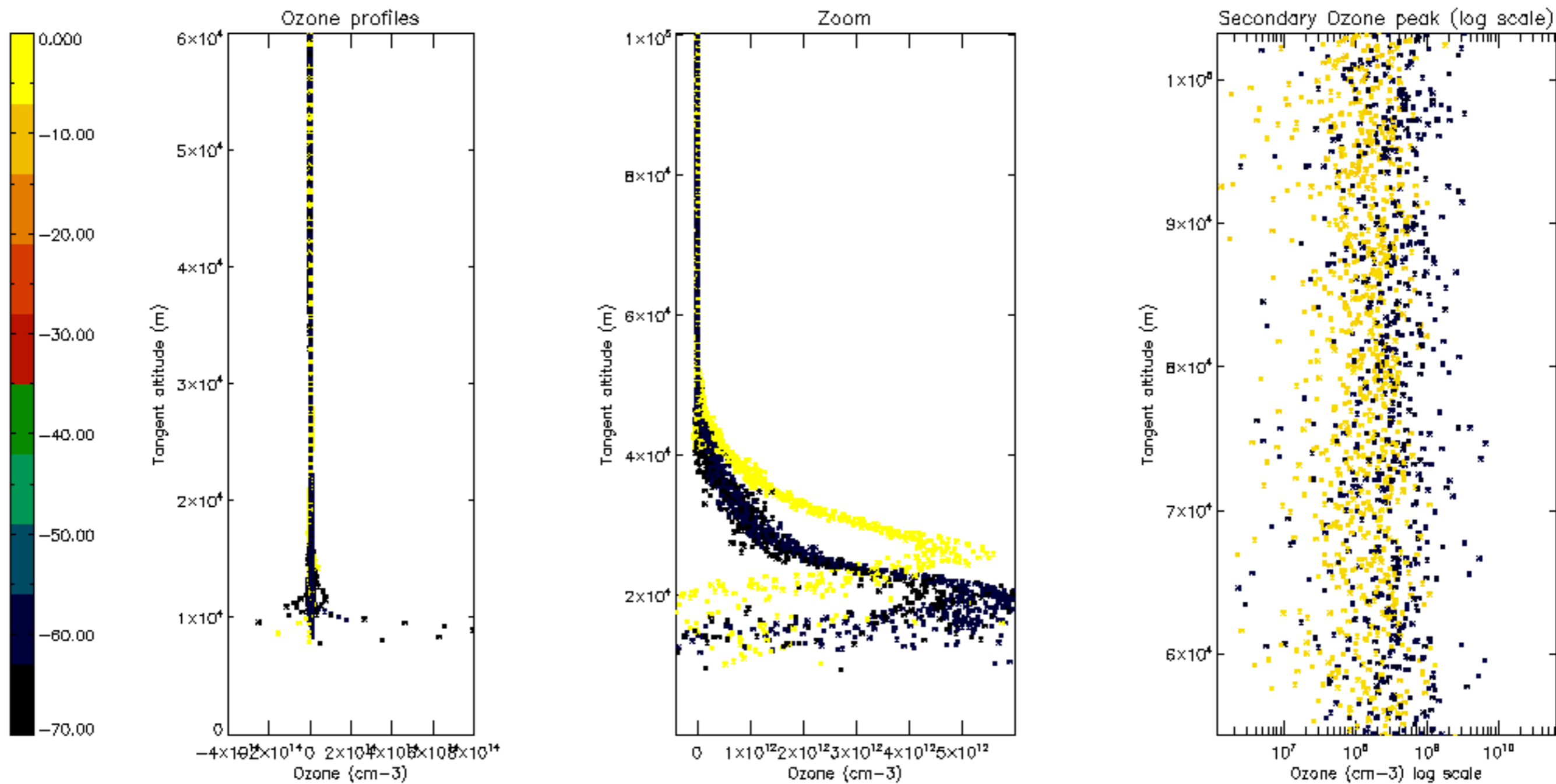


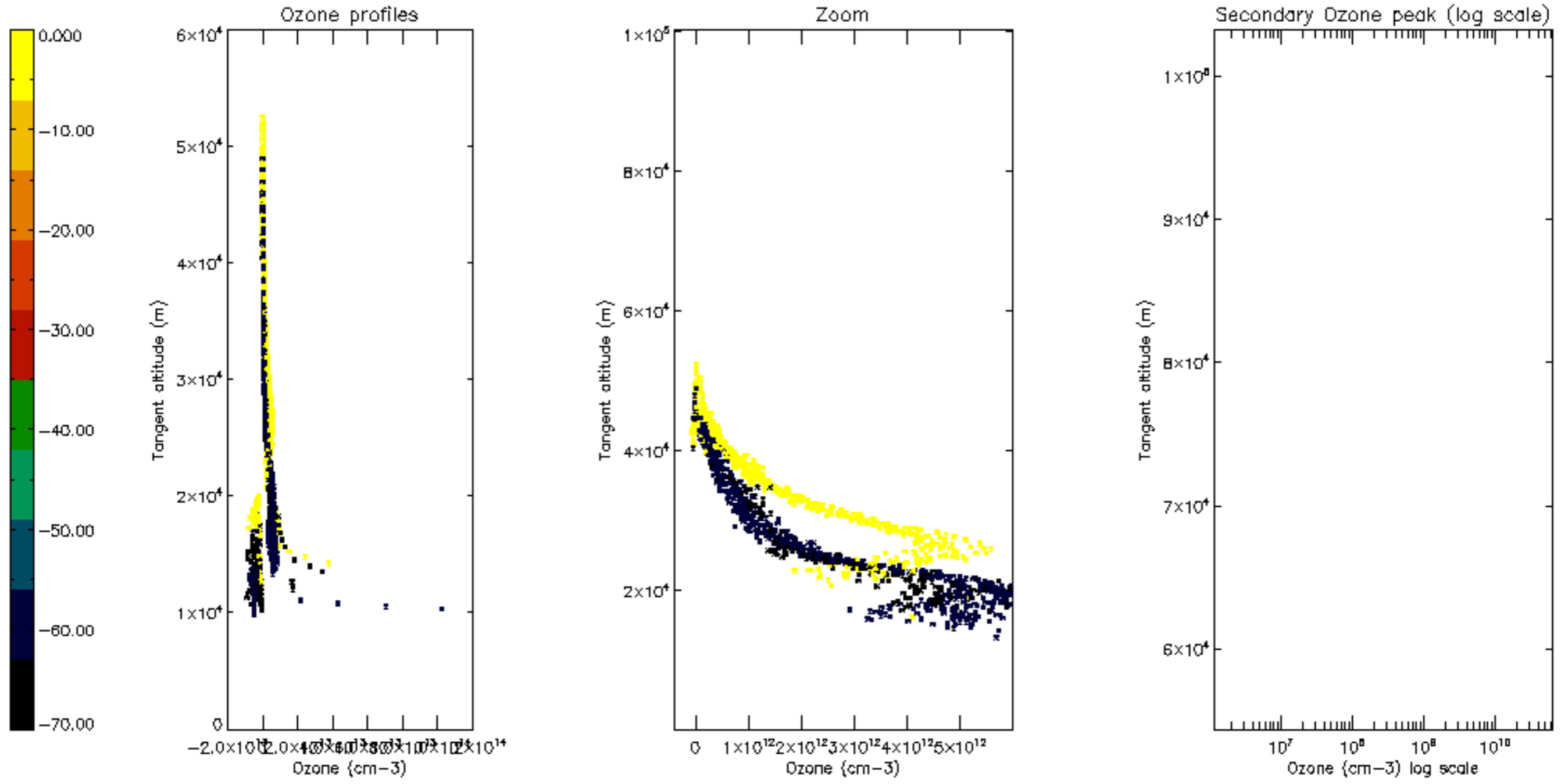
Percentage of star falling outside central band per profile

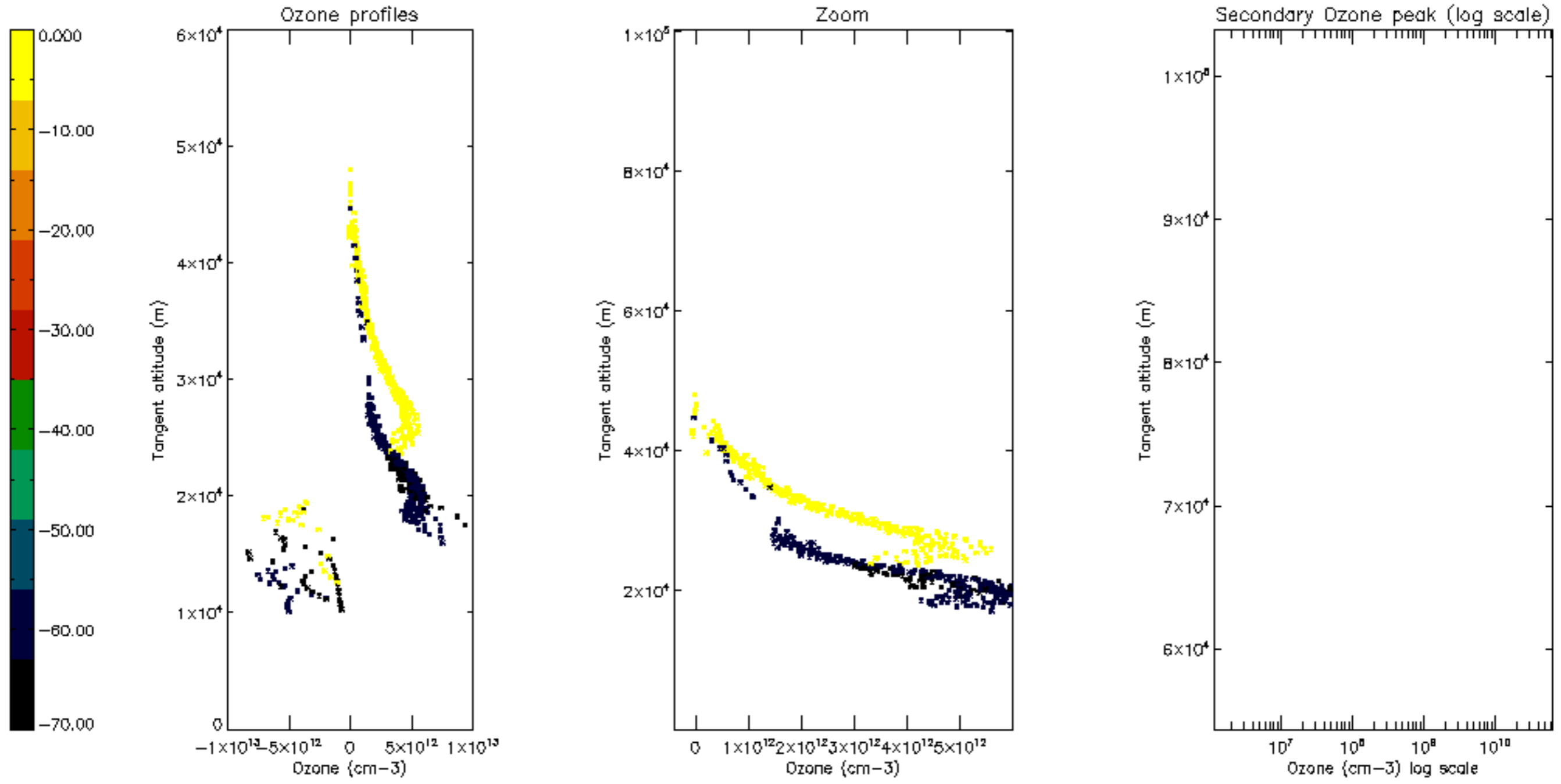


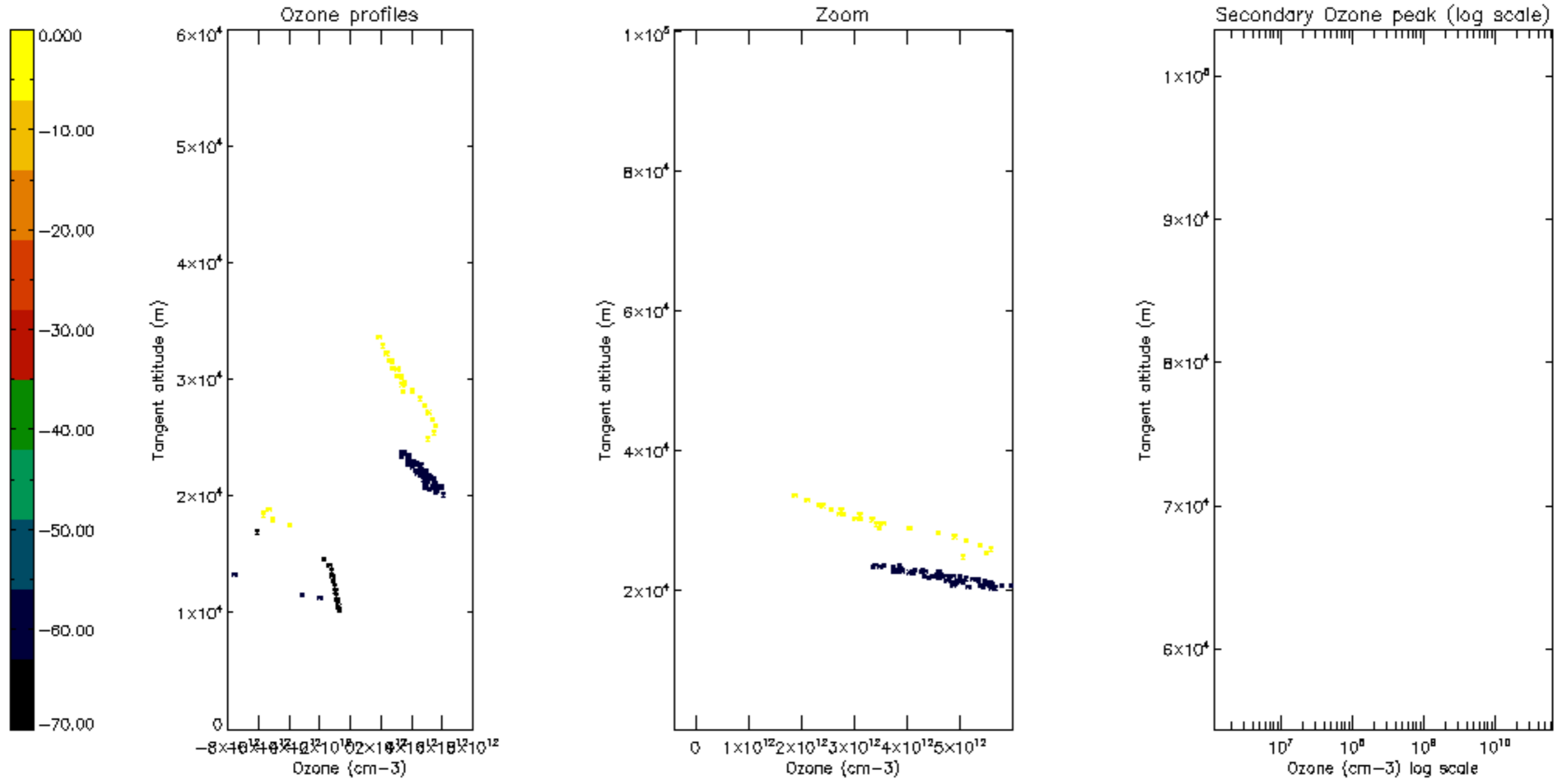
Percentage of saturation errors per profile

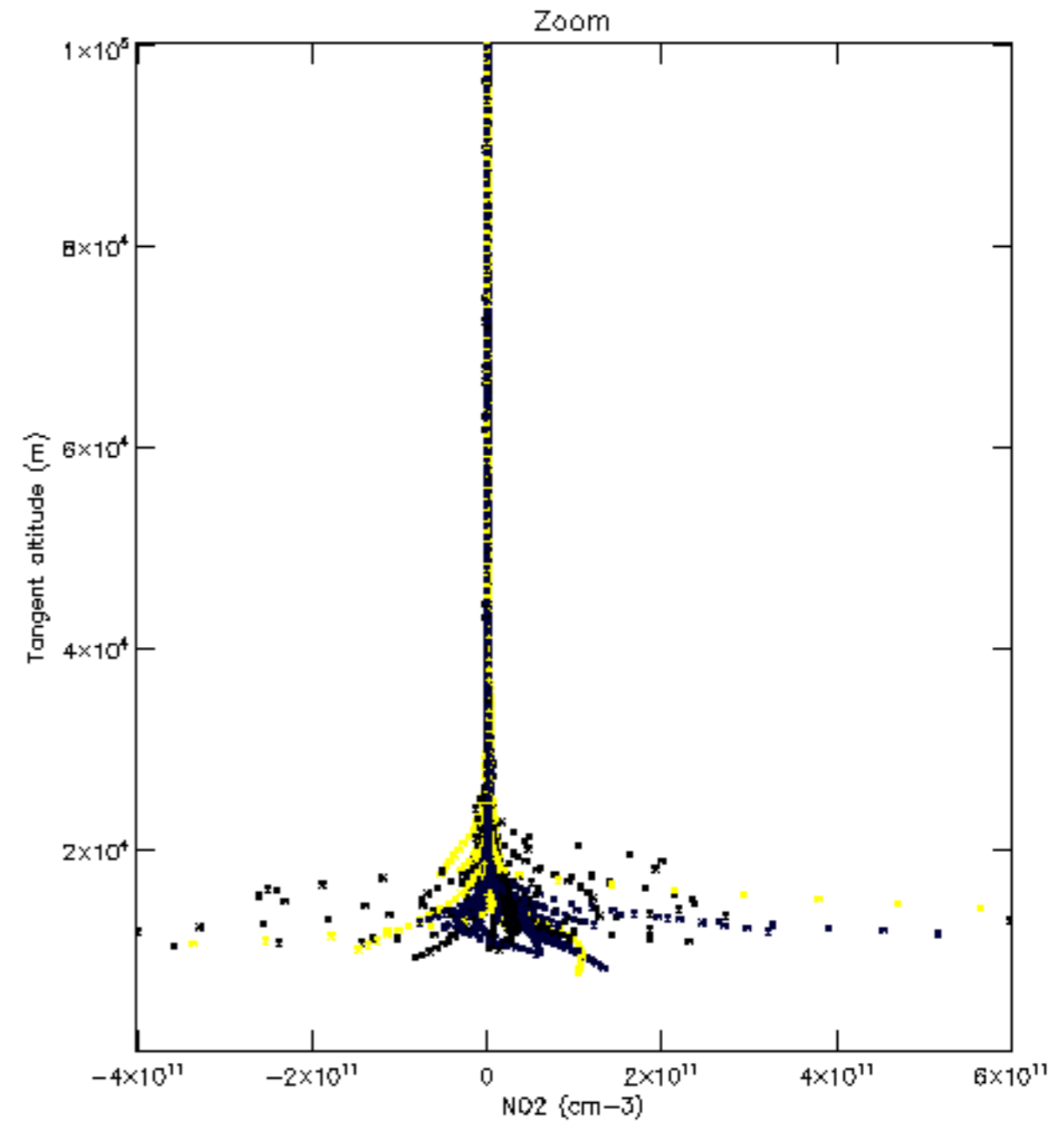
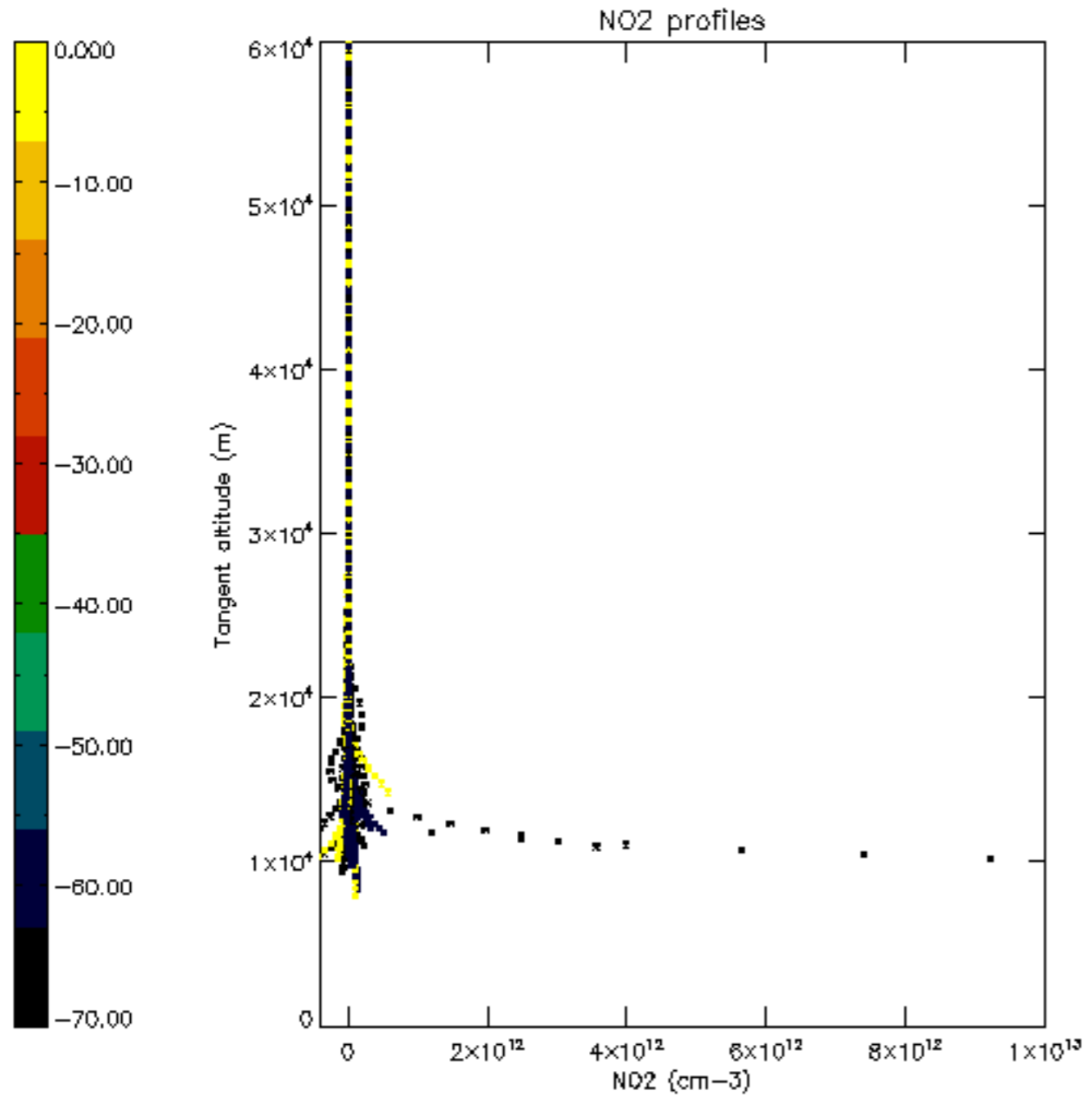


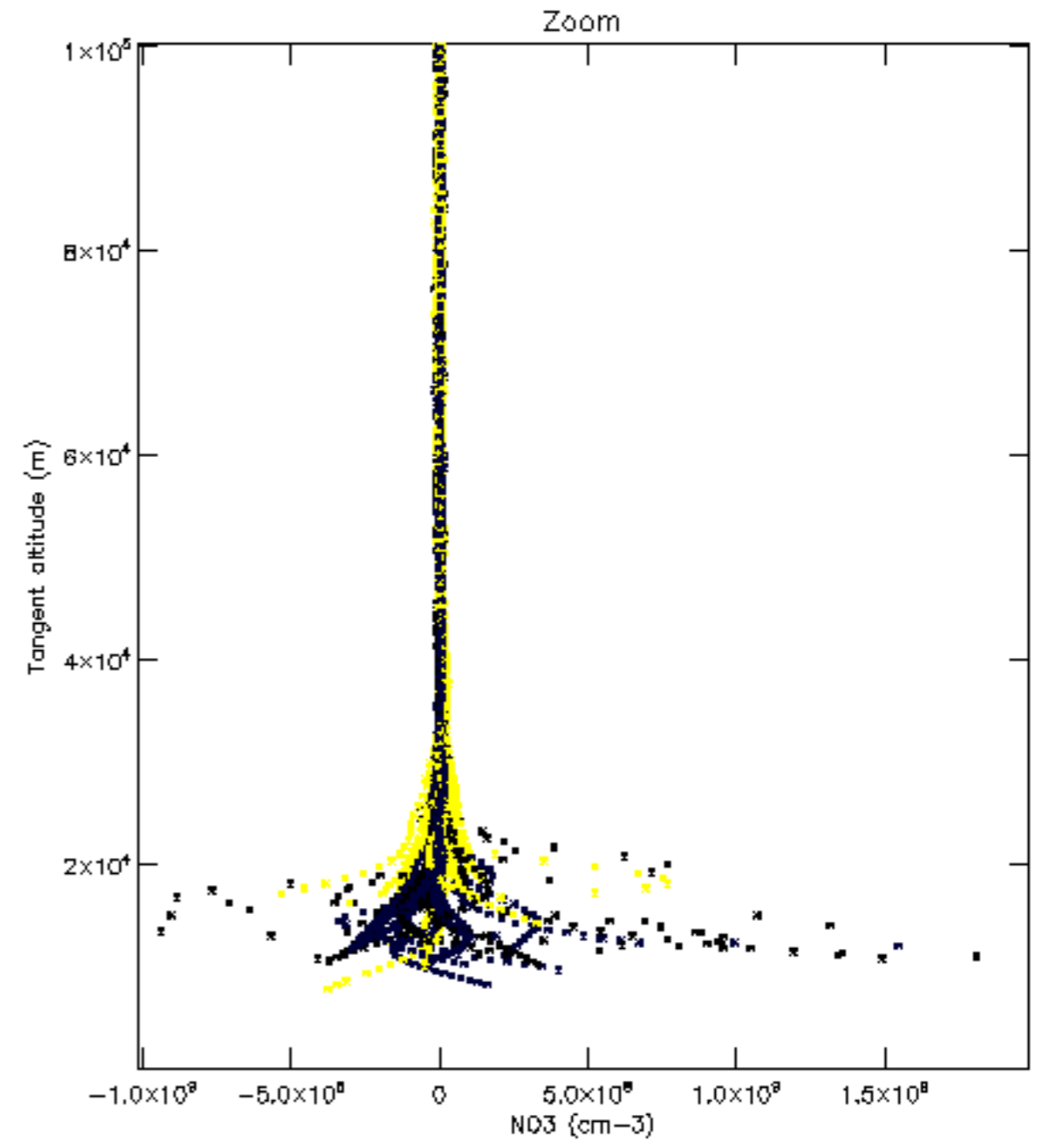
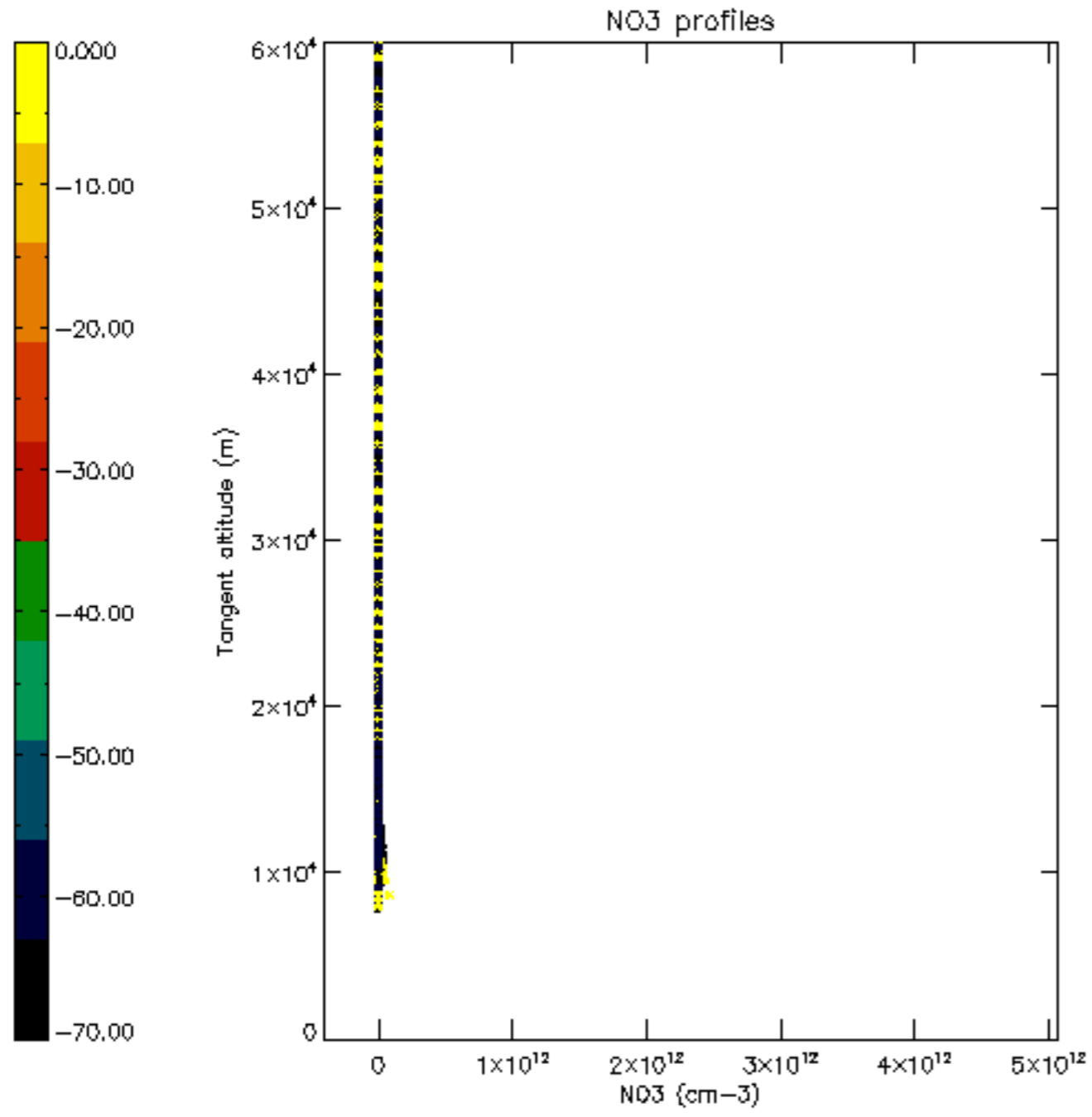


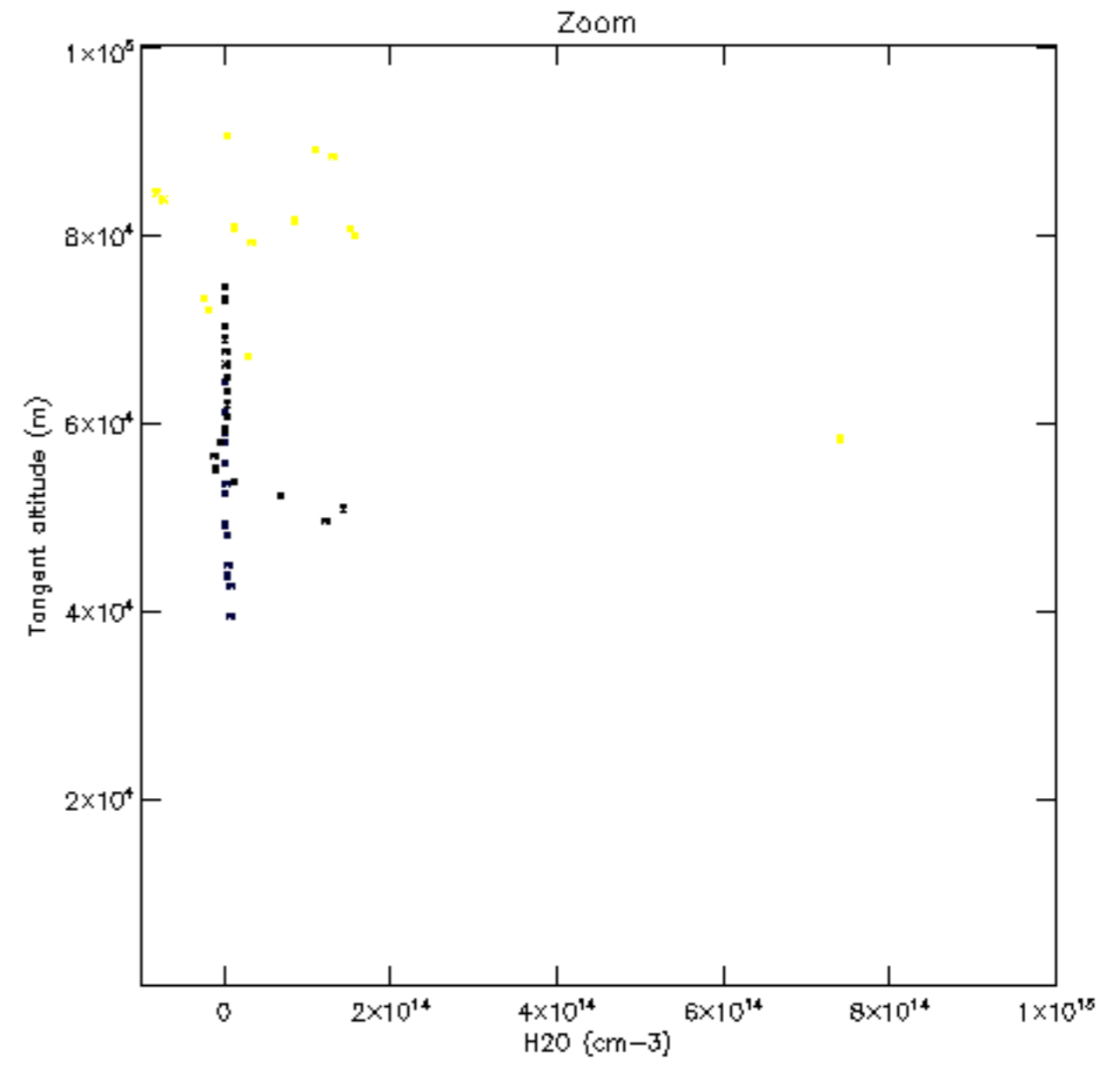
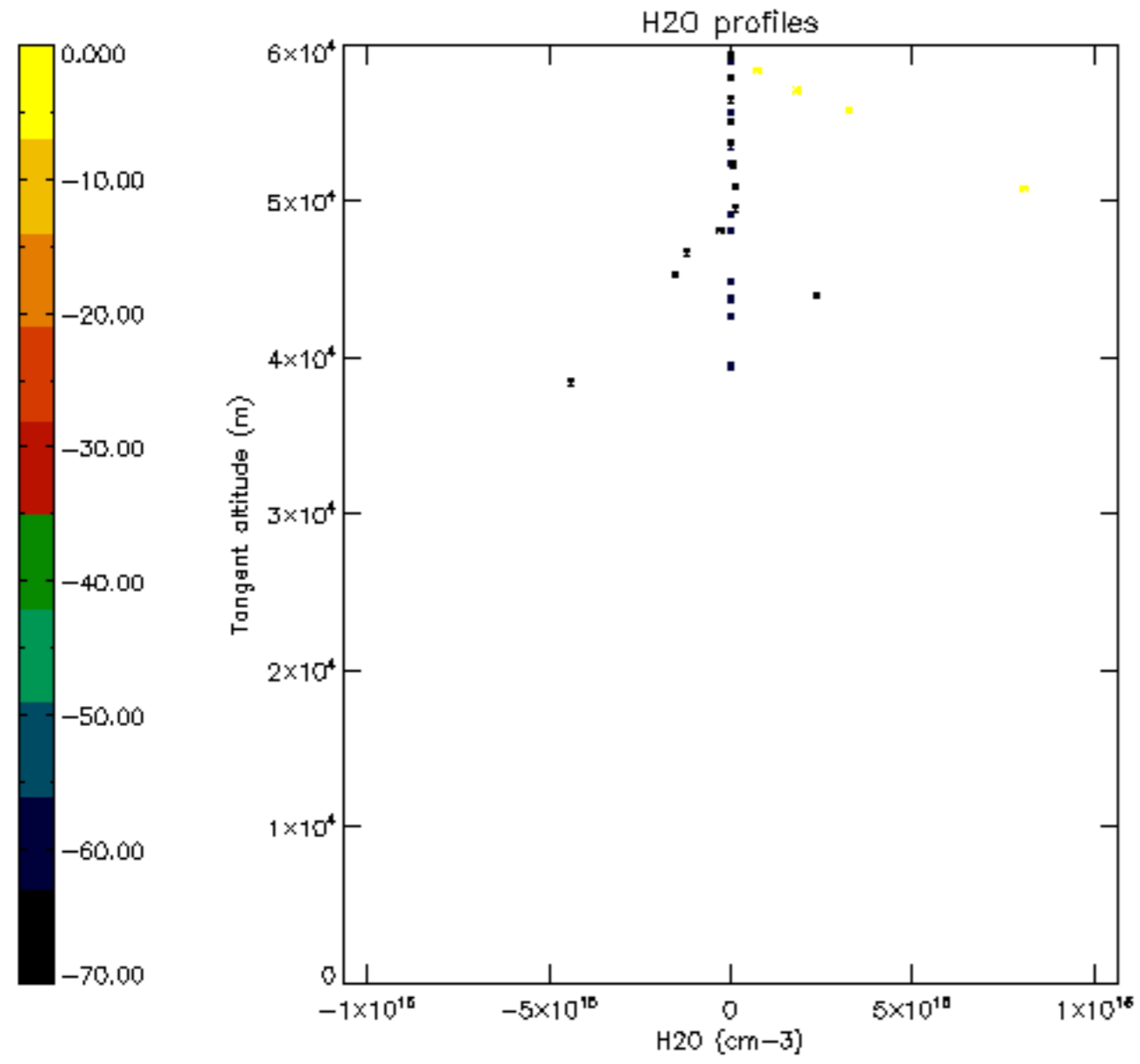


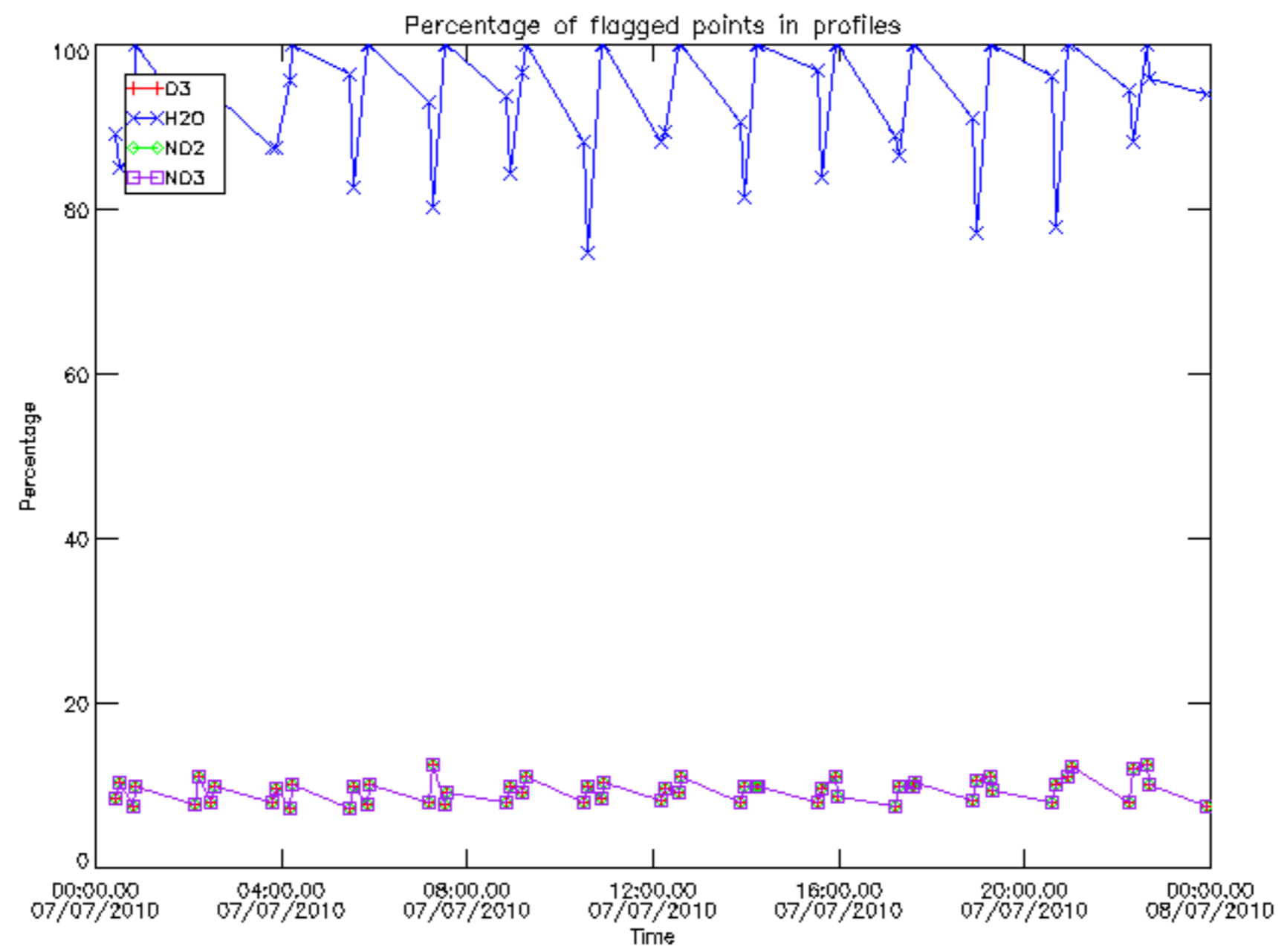




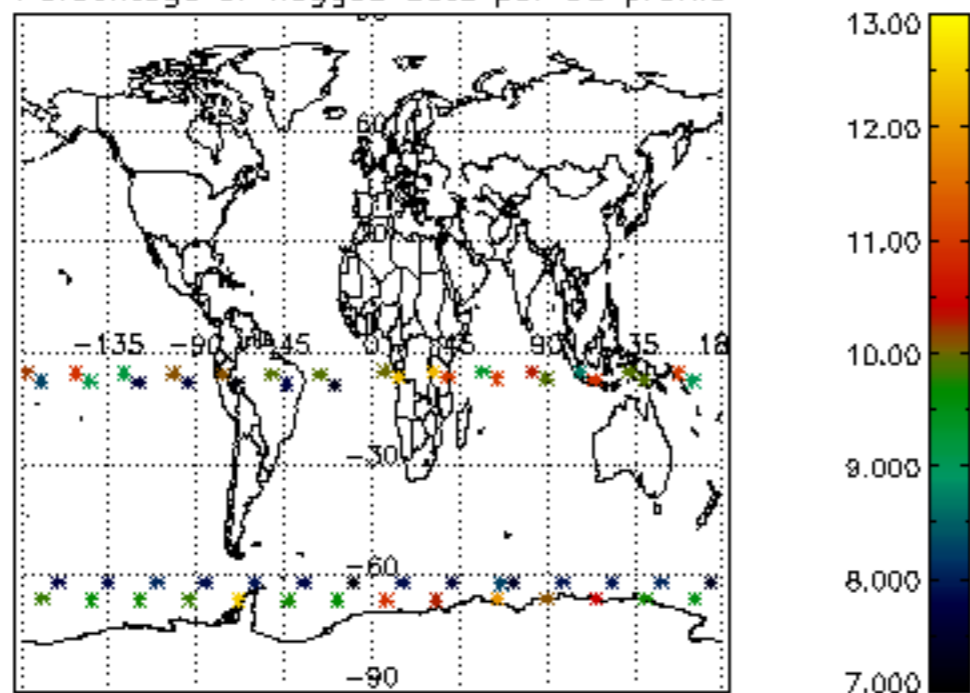




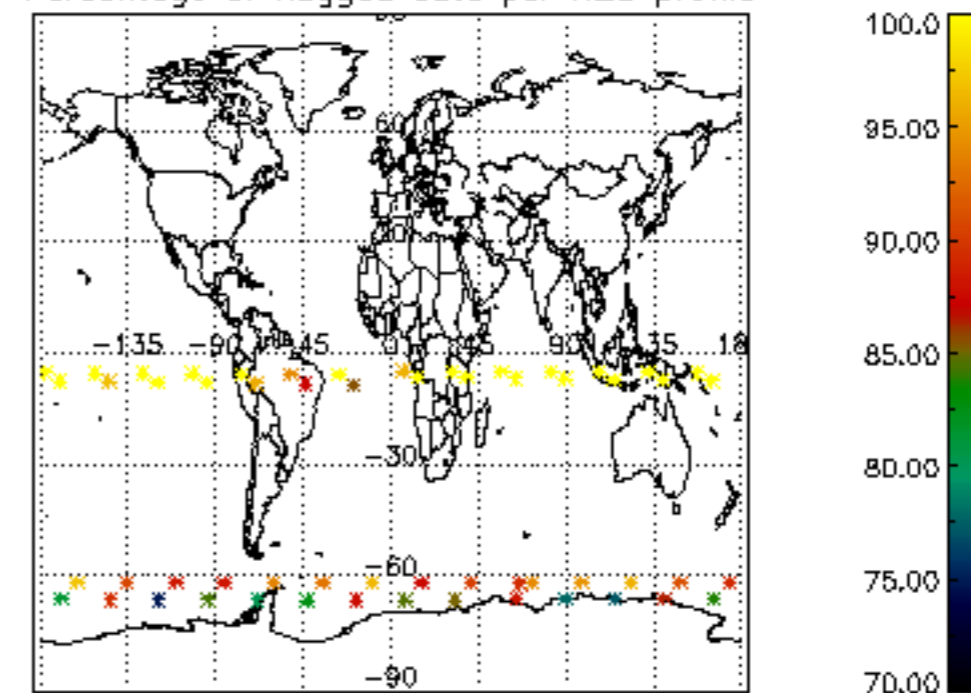




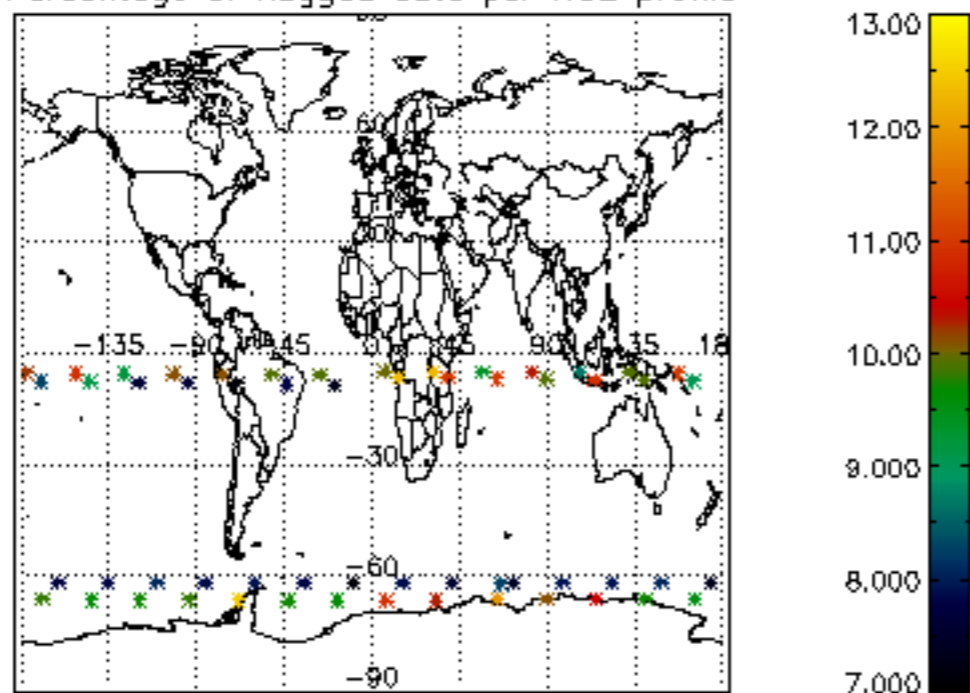
Percentage of flagged data per D3 profile



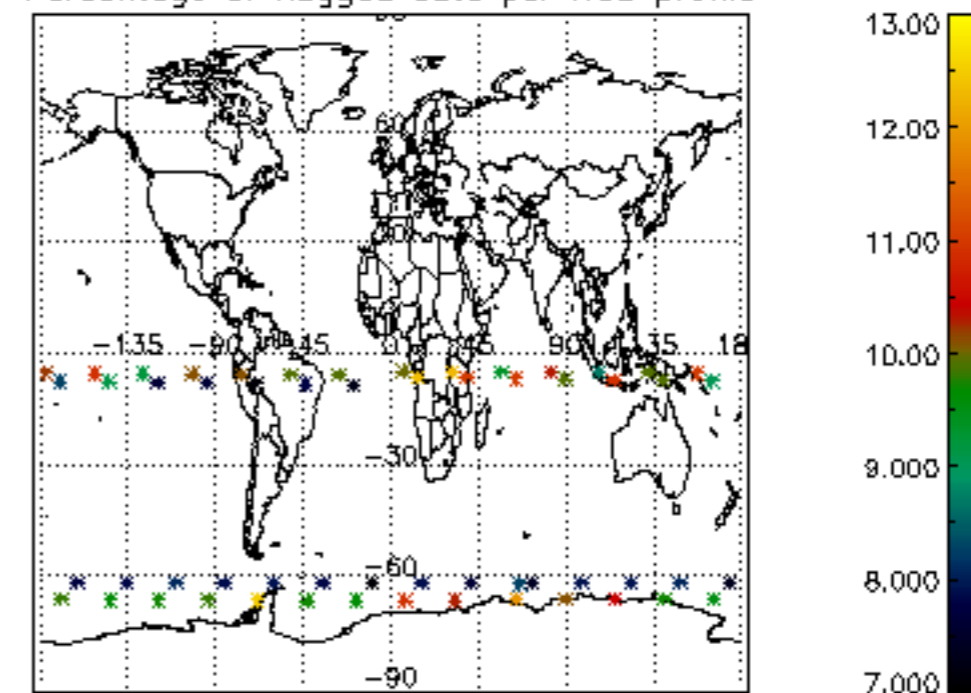
Percentage of flagged data per H2O profile

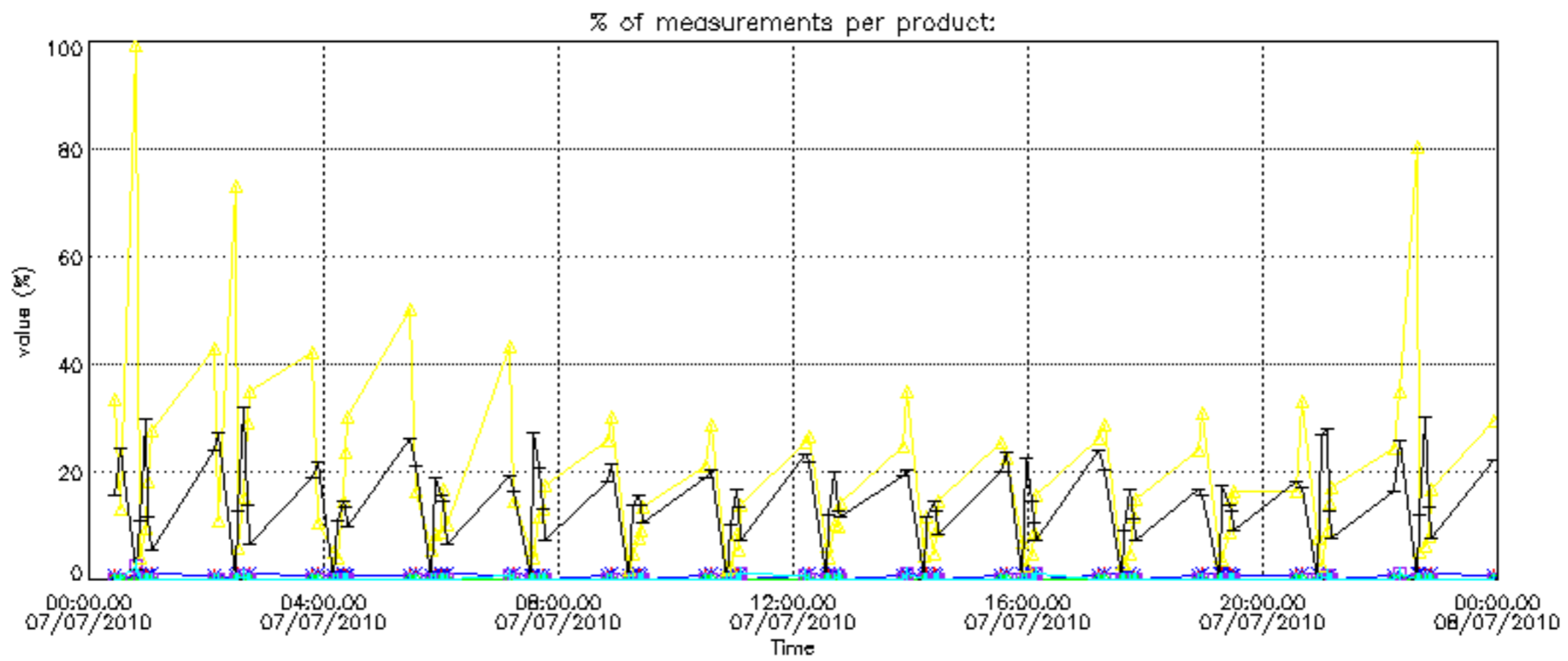


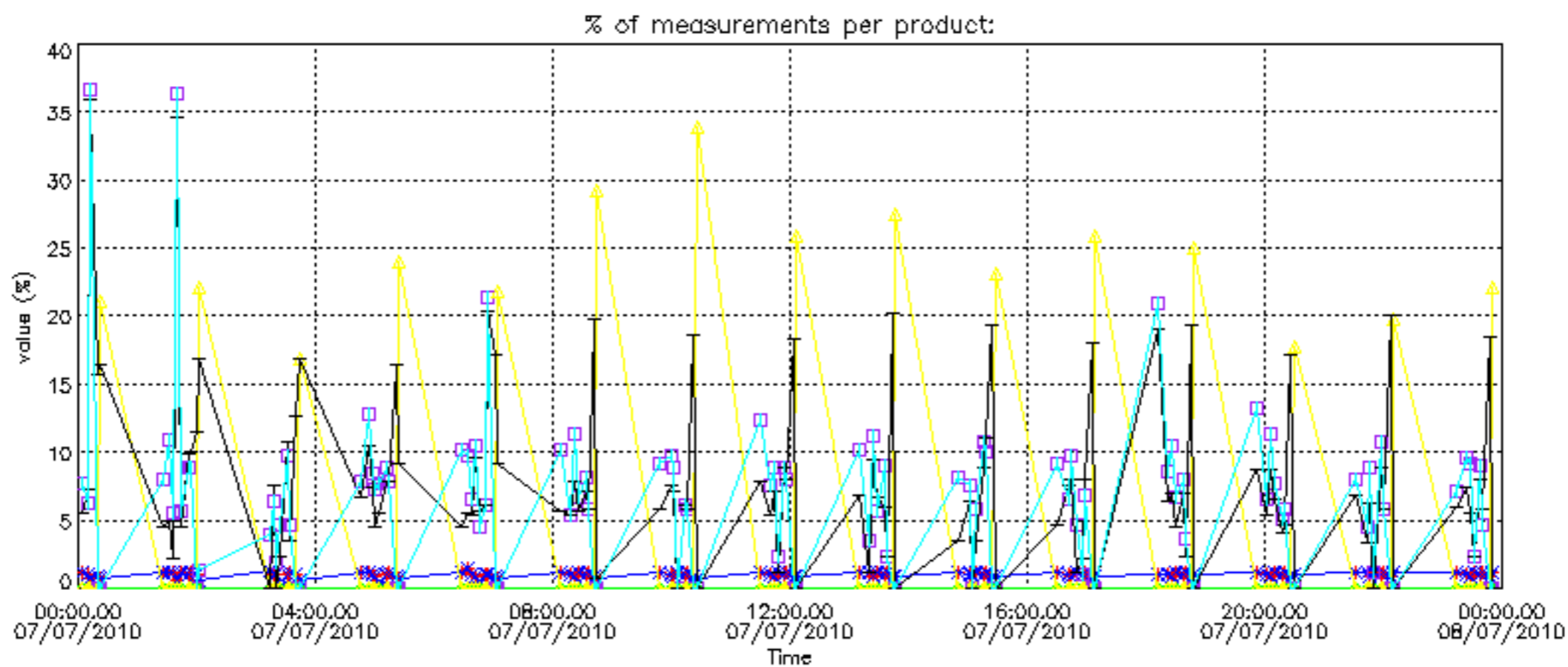
Percentage of flagged data per NO2 profile



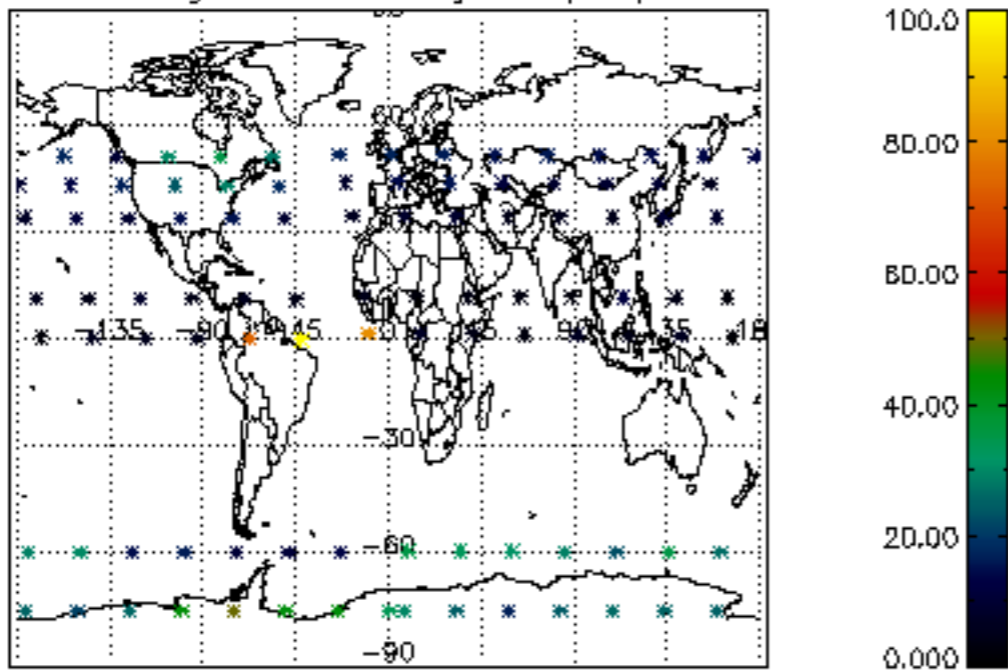
Percentage of flagged data per NO3 profile



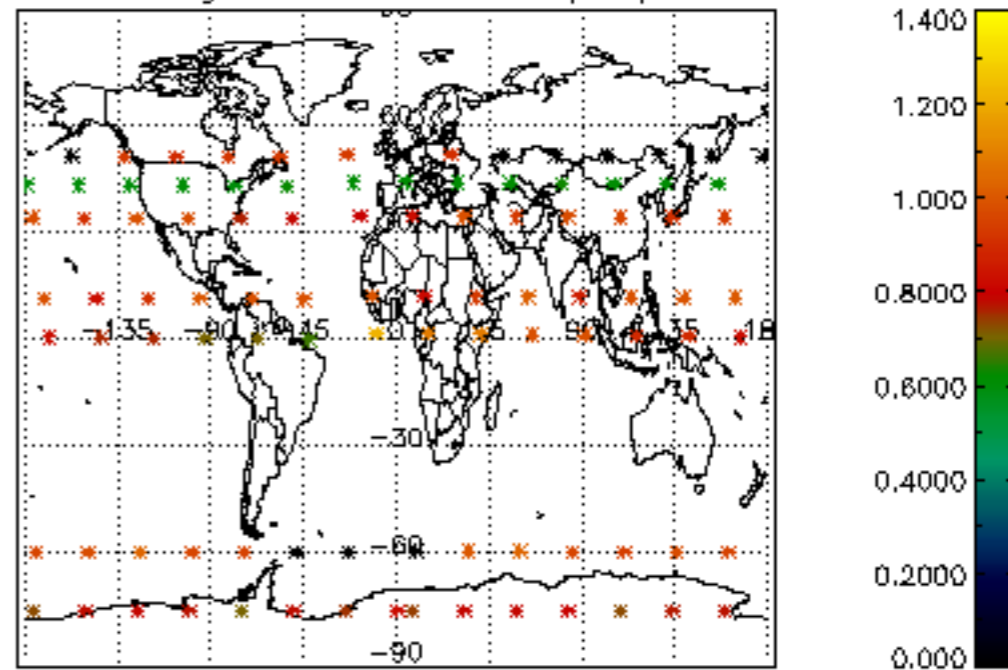




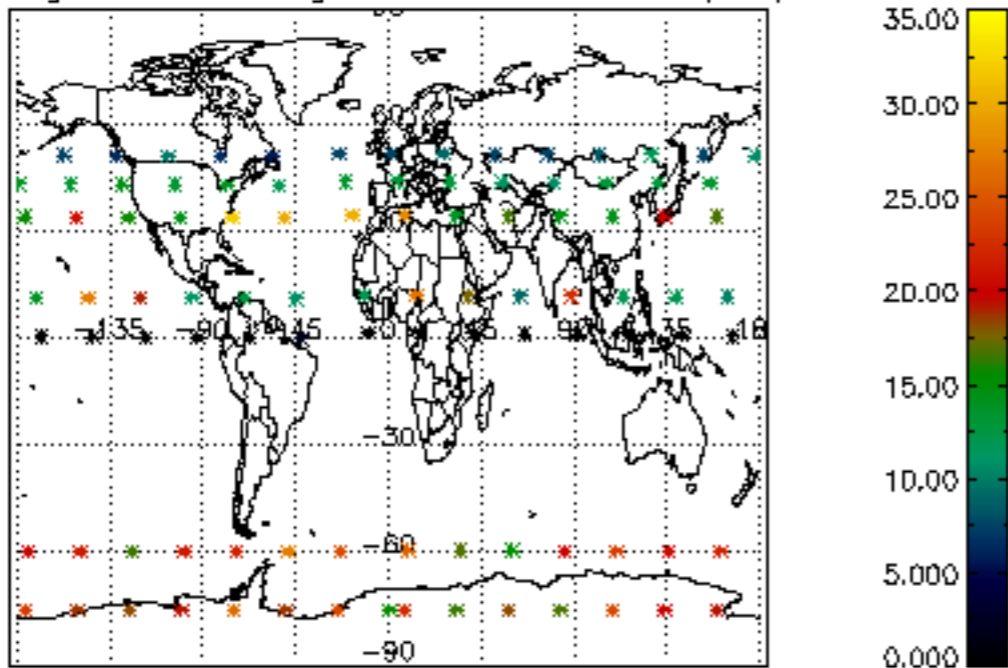
Percentage of cosmic ray hits per profile



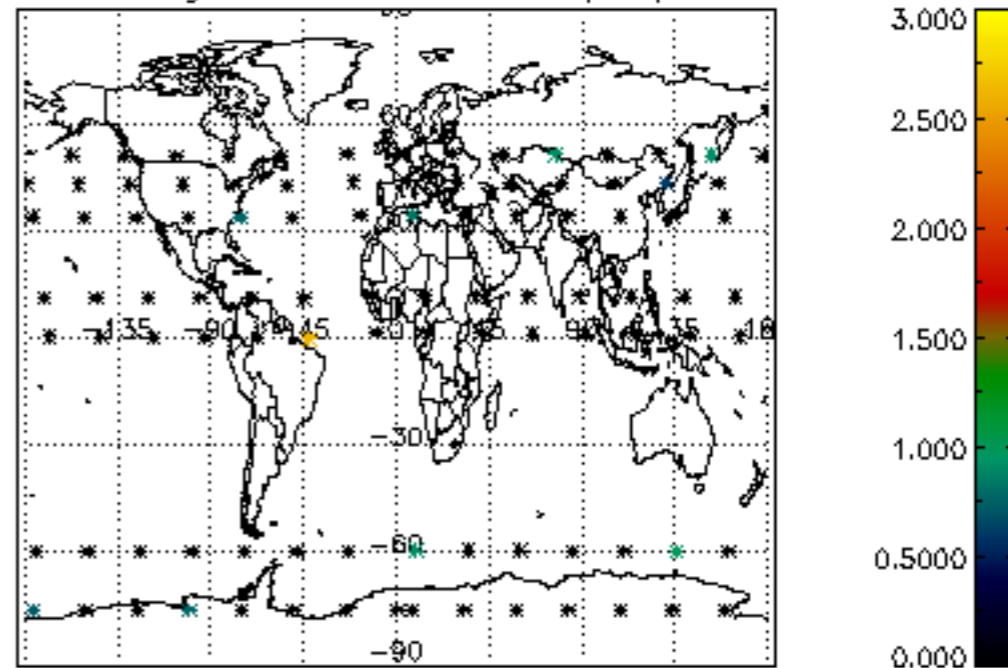
Percentage of datation errors per profile



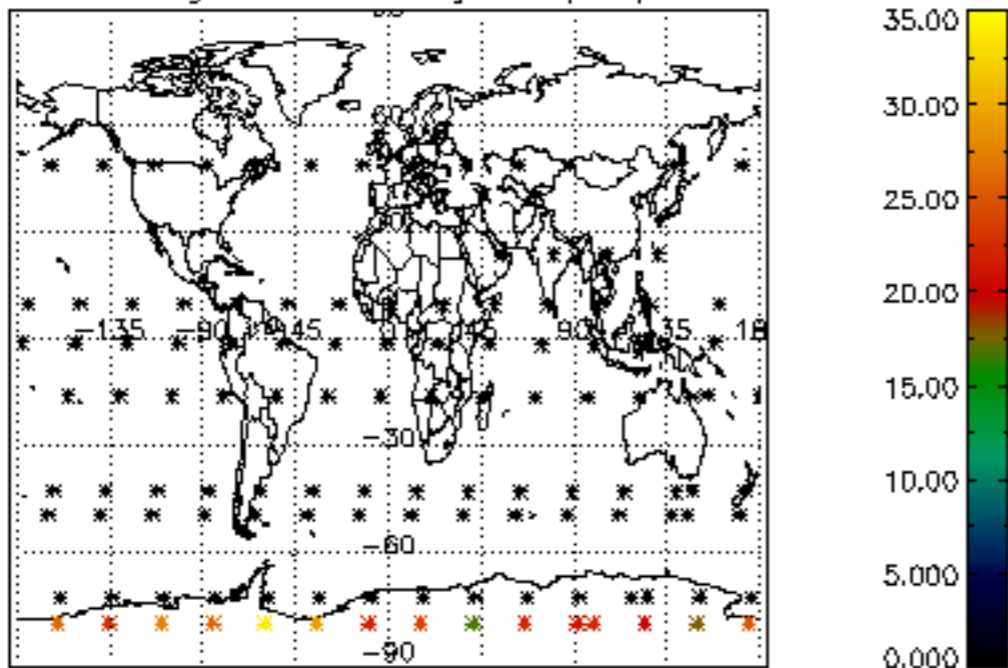
Percentage of star falling outside central band per profile



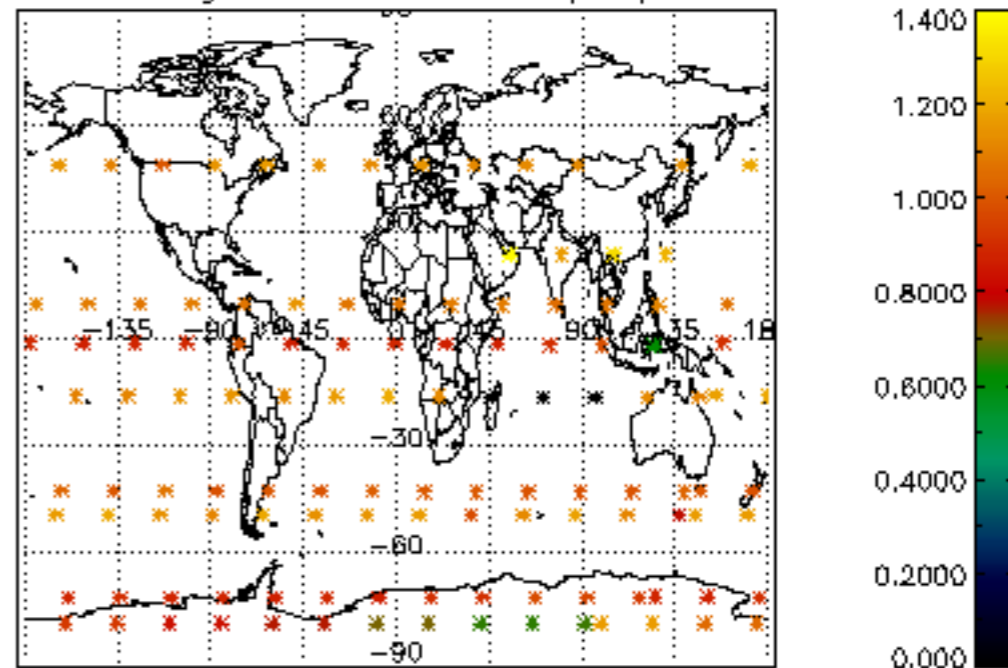
Percentage of saturation errors per profile



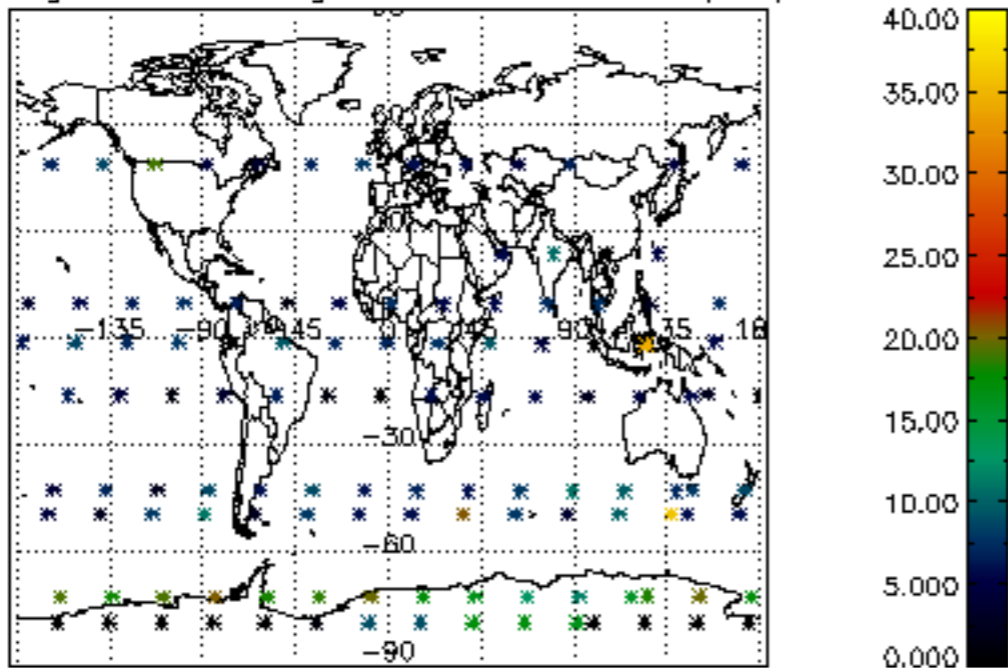
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

