

# 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 13:03:34
Data source version	GOMOS/6.01
Start time of products	03-10-2009 (03OCT2009 00:00:00)
Stop time of products	04-10-2009 (04OCT2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	154
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__2PRFIN20091003_000303_000000352083_00059_39692_0582.N1	03-OCT-2009 00:03:03	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	39692	No
2	GOM_NL__2PRFIN20091003_000429_000000342083_00059_39692_0583.N1	03-OCT-2009 00:04:29	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	39692	No
3	GOM_NL__2PRFIN20091003_004739_000000372083_00059_39692_0584.N1	03-OCT-2009 00:47:39	Dark	37.000	132	15Rho Pup	2.8030	6900.0	74	39692	No
4	GOM_NL__2PRFIN20091003_005123_000000422083_00059_39692_0585.N1	03-OCT-2009 00:51:23	Dark	41.500	88	31Eta CMa	2.4480	20000.	83	39692	No
5	GOM_NL__2PRFIN20091003_005314_000000472083_00059_39692_0586.N1	03-OCT-2009 00:53:14	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	39692	No
6	GOM_NL__2PRFIN20091003_010034_000000542083_00060_39693_0585.N1	03-OCT-2009 01:00:34	Dark	54.000	108	Alp Col	2.6520	15200.	108	39693	No
7	GOM_NL__2PRFIN20091003_011020_000000412083_00060_39693_0586.N1	03-OCT-2009 01:10:20	Straylight	40.500	157	The1Eri	2.9060	9300.0	81	39693	No
8	GOM_NL__2PRFIN20091003_012045_000000342083_00060_39693_0587.N1	03-OCT-2009 01:20:45	Straylight	34.000	52	16Bet Cet	2.0370	4500.0	68	39693	No
9	GOM_NL__2PRFIN20091003_013104_000000352083_00060_39693_0588.N1	03-OCT-2009 01:31:04	Bright	34.500	140	88Gam Peg	2.8340	26000.	69	39693	No
10	GOM_NL__2PRFIN20091003_013511_000000352083_00060_39693_0589.N1	03-OCT-2009 01:35:11	Bright	35.000	58	21Alp And	2.0730	11000.	70	39693	No
11	GOM_NL__2PRFIN20091003_013845_000000412083_00060_39693_0590.N1	03-OCT-2009 01:38:45	Bright	41.000	53	43Bet And	2.0480	3300.0	82	39693	No
12	GOM_NL__2PRFIN20091003_014339_000000352083_00060_39693_0591.N1	03-OCT-2009 01:43:39	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	39693	No
13	GOM_NL__2PRFIN20091003_014504_000000342083_00060_39693_0592.N1	03-OCT-2009 01:45:04	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	39693	No
14	GOM_NL__2PRFIN20091003_022816_000000372083_00060_39693_0593.N1	03-OCT-2009 02:28:16	Dark	37.000	132	15Rho Pup	2.8030	6900.0	74	39693	No
15	GOM_NL__2PRFIN20091003_023200_000000422083_00060_39693_0594.N1	03-OCT-2009 02:32:00	Dark	42.000	88	31Eta CMa	2.4480	20000.	84	39693	No
16	GOM_NL__2PRFIN20091003_023351_000000472083_00060_39693_0595.N1	03-OCT-2009 02:33:51	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	39693	No
17	GOM_NL__2PRFIN20091003_024111_000000542083_00061_39694_0594.N1	03-OCT-2009 02:41:11	Dark	53.500	108	Alp Col	2.6520	15200.	107	39694	No
18	GOM_NL__2PRFIN20091003_025056_000000412083_00061_39694_0595.N1	03-OCT-2009 02:50:56	Straylight	40.500	157	The1Eri	2.9060	9300.0	81	39694	No
19	GOM_NL__2PRFIN20091003_030122_000000342083_00061_39694_0596.N1	03-OCT-2009 03:01:22	Straylight	34.000	52	16Bet Cet	2.0370	4500.0	68	39694	No
20	GOM_NL__2PRFIN20091003_031139_000000352083_00061_39694_0597.N1	03-OCT-2009 03:11:39	Bright	35.000	140	88Gam Peg	2.8340	26000.	70	39694	No
21	GOM_NL__2PRFIN20091003_031547_000000352083_00061_39694_0598.N1	03-OCT-2009 03:15:47	Bright	35.000	58	21Alp And	2.0730	11000.	70	39694	No
22	GOM_NL__2PRFIN20091003_031920_000000422083_00061_39694_0599.N1	03-OCT-2009 03:19:20	Bright	41.500	53	43Bet And	2.0480	3300.0	83	39694	No
23	GOM_NL__2PRFIN20091003_032414_000000352083_00061_39694_0600.N1	03-OCT-2009 03:24:14	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	39694	No
24	GOM_NL__2PRFIN20091003_032540_000000342083_00061_39694_0601.N1	03-OCT-2009 03:25:40	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	39694	No
25	GOM_NL__2PRFIN20091003_040852_000000372083_00061_39694_0602.N1	03-OCT-2009 04:08:52	Dark	37.000	132	15Rho Pup	2.8030	6900.0	74	39694	No
26	GOM_NL__2PRFIN20091003_041238_000000422083_00061_39694_0603.N1	03-OCT-2009 04:12:38	Dark	42.000	88	31Eta CMa	2.4480	20000.	84	39694	No
27	GOM_NL__2PRFIN20091003_041428_000000472083_00061_39694_0604.N1	03-OCT-2009 04:14:28	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	39694	No
28	GOM_NL__2PRFIN20091003_042149_000000542083_00062_39695_0605.N1	03-OCT-2009 04:21:49	Dark	54.000	108	Alp Col	2.6520	15200.	108	39695	No
29	GOM_NL__2PRFIN20091003_043133_000000412083_00062_39695_0606.N1	03-OCT-2009 04:31:33	Straylight	41.000	157	The1Eri	2.9060	9300.0	82	39695	No
30	GOM_NL__2PRFIN20091003_044157_000000342083_00062_39695_0607.N1	03-OCT-2009 04:41:57	Straylight	34.000	52	16Bet Cet	2.0370	4500.0	68	39695	No
31	GOM_NL__2PRFIN20091003_045215_000000352083_00062_39695_0608.N1	03-OCT-2009 04:52:15	Bright	34.500	140	88Gam Peg	2.8340	26000.	69	39695	No
32	GOM_NL__2PRFIN20091003_045622_000000352083_00062_39695_0609.N1	03-OCT-2009 04:56:22	Bright	34.500	58	21Alp And	2.0730	11000.	69	39695	No
33	GOM_NL__2PRFIN20091003_045955_000000422083_00062_39695_0610.N1	03-OCT-2009 04:59:55	Bright	41.500	53	43Bet And	2.0480	3300.0	83	39695	No
34	GOM_NL__2PRFIN20091003_050450_000000352083_00062_39695_0611.N1	03-OCT-2009 05:04:50	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	39695	No
35	GOM_NL__2PRFIN20091003_050616_000000342083_00062_39695_0612.N1	03-OCT-2009 05:06:16	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	39695	No
36	GOM_NL__2PRFIN20091003_054929_000000372083_00062_39695_0613.N1	03-OCT-2009 05:49:29	Dark	37.000	132	15Rho Pup	2.8030	6900.0	74	39695	No
37	GOM_NL__2PRFIN20091003_055314_000000432083_00062_39695_0614.N1	03-OCT-2009 05:53:14	Dark	42.500	88	31Eta CMa	2.4480	20000.	85	39695	No
38	GOM_NL__2PRFIN20091003_055505_000000482083_00062_39695_0615.N1	03-OCT-2009 05:55:05	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	39695	No
39	GOM_NL__2PRFIN20091003_060226_000000532083_00063_39696_0613.N1	03-OCT-2009 06:02:26	Dark	53.000	108	Alp Col	2.6520	15200.	106	39696	No
40	GOM_NL__2PRFIN20091003_061210_000000412083_00063_39696_0614.N1	03-OCT-2009 06:12:10	Straylight	40.500	157	The1Eri	2.9060	9300.0	81	39696	No
41	GOM_NL__2PRFIN20091003_062233_000000352083_00063_39696_0615.N1	03-OCT-2009 06:22:33	Straylight	34.500	52	16Bet Cet	2.0370	4500.0	69	39696	No
42	GOM_NL__2PRFIN20091003_063251_000000352083_00063_39696_0616.N1	03-OCT-2009 06:32:51	Bright	35.000	140	88Gam Peg	2.8340	26000.	70	39696	No

43	GOM_NL__2PRFIN20091003_063658_000000352083_00063_39696_0617.N1	03-OCT-2009 06:36:58	Bright	35.000	58	21Alp And	2.0730	11000.	70	39696	No
44	GOM_NL__2PRFIN20091003_064030_000000422083_00063_39696_0618.N1	03-OCT-2009 06:40:30	Bright	41.500	53	43Bet And	2.0480	3300.0	83	39696	No
45	GOM_NL__2PRFIN20091003_064525_000000352083_00063_39696_0619.N1	03-OCT-2009 06:45:25	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	39696	No
46	GOM_NL__2PRFIN20091003_064651_000000342083_00063_39696_0620.N1	03-OCT-2009 06:46:51	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	39696	No
47	GOM_NL__2PRFIN20091003_073007_000000372083_00063_39696_0621.N1	03-OCT-2009 07:30:07	Dark	37.000	132	15Rho Pup	2.8030	6900.0	74	39696	No
48	GOM_NL__2PRFIN20091003_073352_000000422083_00063_39696_0622.N1	03-OCT-2009 07:33:52	Dark	42.000	88	31Eta CMa	2.4480	20000.	84	39696	No
49	GOM_NL__2PRFIN20091003_073543_000000472083_00063_39696_0623.N1	03-OCT-2009 07:35:43	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	39696	No
50	GOM_NL__2PRFIN20091003_074304_000000532083_00064_39697_0641.N1	03-OCT-2009 07:43:04	Dark	53.000	108	Alp Col	2.6520	15200.	106	39697	No
51	GOM_NL__2PRFIN20091003_075247_000000402083_00064_39697_0642.N1	03-OCT-2009 07:52:47	Straylight	40.000	157	The1Eri	2.9060	9300.0	80	39697	No
52	GOM_NL__2PRFIN20091003_080310_000000342083_00064_39697_0643.N1	03-OCT-2009 08:03:10	Straylight	33.500	52	16Bet Cet	2.0370	4500.0	67	39697	No
53	GOM_NL__2PRFIN20091003_081327_000000352083_00064_39697_0644.N1	03-OCT-2009 08:13:27	Bright	34.500	140	88Gam Peg	2.8340	26000.	69	39697	No
54	GOM_NL__2PRFIN20091003_081733_000000352083_00064_39697_0645.N1	03-OCT-2009 08:17:33	Bright	35.000	58	21Alp And	2.0730	11000.	70	39697	No
55	GOM_NL__2PRFIN20091003_082106_000000412083_00064_39697_0646.N1	03-OCT-2009 08:21:06	Bright	41.000	53	43Bet And	2.0480	3300.0	82	39697	No
56	GOM_NL__2PRFIN20091003_082601_000000352083_00064_39697_0647.N1	03-OCT-2009 08:26:01	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	39697	No
57	GOM_NL__2PRFIN20091003_082727_000000352083_00064_39697_0648.N1	03-OCT-2009 08:27:27	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	39697	No
58	GOM_NL__2PRFIN20091003_091043_000000372083_00064_39697_0649.N1	03-OCT-2009 09:10:43	Dark	37.000	132	15Rho Pup	2.8030	6900.0	74	39697	No
59	GOM_NL__2PRFIN20091003_091429_000000422083_00064_39697_0650.N1	03-OCT-2009 09:14:29	Dark	42.000	88	31Eta CMa	2.4480	20000.	84	39697	No
60	GOM_NL__2PRFIN20091003_091620_000000472083_00064_39697_0651.N1	03-OCT-2009 09:16:20	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	39697	No
61	GOM_NL__2PRFIN20091003_092341_000000512083_00065_39698_0650.N1	03-OCT-2009 09:23:41	Dark	51.000	108	Alp Col	2.6520	15200.	102	39698	No
62	GOM_NL__2PRFIN20091003_093323_000000392083_00065_39698_0651.N1	03-OCT-2009 09:33:23	Straylight	38.500	157	The1Eri	2.9060	9300.0	77	39698	No
63	GOM_NL__2PRFIN20091003_094346_000000322083_00065_39698_0652.N1	03-OCT-2009 09:43:46	Straylight	32.000	52	16Bet Cet	2.0370	4500.0	64	39698	No
64	GOM_NL__2PRFIN20091003_095402_000000332083_00065_39698_0653.N1	03-OCT-2009 09:54:02	Bright	33.000	140	88Gam Peg	2.8340	26000.	66	39698	No
65	GOM_NL__2PRFIN20091003_095809_000000342083_00065_39698_0654.N1	03-OCT-2009 09:58:09	Bright	33.500	58	21Alp And	2.0730	11000.	67	39698	No
66	GOM_NL__2PRFIN20091003_100141_000000402083_00065_39698_0655.N1	03-OCT-2009 10:01:41	Bright	39.500	53	43Bet And	2.0480	3300.0	79	39698	No
67	GOM_NL__2PRFIN20091003_100637_000000342083_00065_39698_0656.N1	03-OCT-2009 10:06:37	Bright	33.500	68	18Alp Cas	2.2250	4500.0	67	39698	No
68	GOM_NL__2PRFIN20091003_100803_000000332083_00065_39698_0657.N1	03-OCT-2009 10:08:03	Bright	33.000	76	27Gam Cas	2.3000	30000.	66	39698	No
69	GOM_NL__2PRFIN20091003_105120_000000362083_00065_39698_0658.N1	03-OCT-2009 10:51:20	Dark	36.000	132	15Rho Pup	2.8030	6900.0	72	39698	No
70	GOM_NL__2PRFIN20091003_105506_000000412083_00065_39698_0659.N1	03-OCT-2009 10:55:06	Dark	40.500	88	31Eta CMa	2.4480	20000.	81	39698	No
71	GOM_NL__2PRFIN20091003_105657_000000462083_00065_39698_0660.N1	03-OCT-2009 10:56:57	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	39698	No
72	GOM_NL__2PRFIN20091003_110418_000000512083_00066_39699_0659.N1	03-OCT-2009 11:04:18	Dark	51.000	108	Alp Col	2.6520	15200.	102	39699	No
73	GOM_NL__2PRFIN20091003_111400_000000392083_00066_39699_0660.N1	03-OCT-2009 11:14:00	Straylight	38.500	157	The1Eri	2.9060	9300.0	77	39699	No
74	GOM_NL__2PRFIN20091003_112421_000000332083_00066_39699_0661.N1	03-OCT-2009 11:24:21	Straylight	32.500	52	16Bet Cet	2.0370	4500.0	65	39699	No
75	GOM_NL__2PRFIN20091003_113438_000000342083_00066_39699_0662.N1	03-OCT-2009 11:34:38	Bright	33.500	140	88Gam Peg	2.8340	26000.	67	39699	No
76	GOM_NL__2PRFIN20091003_113845_000000342083_00066_39699_0663.N1	03-OCT-2009 11:38:45	Bright	33.500	58	21Alp And	2.0730	11000.	67	39699	No
77	GOM_NL__2PRFIN20091003_114216_000000402083_00066_39699_0664.N1	03-OCT-2009 11:42:16	Bright	40.000	53	43Bet And	2.0480	3300.0	80	39699	No
78	GOM_NL__2PRFIN20091003_114712_000000342083_00066_39699_0665.N1	03-OCT-2009 11:47:12	Bright	33.500	68	18Alp Cas	2.2250	4500.0	67	39699	No
79	GOM_NL__2PRFIN20091003_114838_000000342083_00066_39699_0666.N1	03-OCT-2009 11:48:38	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	39699	No
80	GOM_NL__2PRFIN20091003_123157_000000362083_00066_39699_0667.N1	03-OCT-2009 12:31:57	Dark	36.000	132	15Rho Pup	2.8030	6900.0	72	39699	No
81	GOM_NL__2PRFIN20091003_123543_000000412083_00066_39699_0668.N1	03-OCT-2009 12:35:43	Dark	41.000	88	31Eta CMa	2.4480	20000.	82	39699	No
82	GOM_NL__2PRFIN20091003_123734_000000462083_00066_39699_0669.N1	03-OCT-2009 12:37:34	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	39699	No
83	GOM_NL__2PRFIN20091003_124456_000000492083_00067_39700_0671.N1	03-OCT-2009 12:44:56	Dark	49.000	108	Alp Col	2.6520	15200.	98	39700	No
84	GOM_NL__2PRFIN20091003_125436_000000382083_00067_39700_0672.N1	03-OCT-2009 12:54:36	Straylight	38.000	157	The1Eri	2.9060	9300.0	76	39700	No
85	GOM_NL__2PRFIN20091003_130458_000000332083_00067_39700_0673.N1	03-OCT-2009 13:04:58	Straylight	33.000	52	16Bet Cet	2.0370	4500.0	66	39700	No
86	GOM_NL__2PRFIN20091003_131514_000000332083_00067_39700_0674.N1	03-OCT-2009 13:15:14	Bright	33.000	140	88Gam Peg	2.8340	26000.	66	39700	No
87	GOM_NL__2PRFIN20091003_131921_000000342083_00067_39700_0675.N1	03-OCT-2009 13:19:21	Bright	33.500	58	21Alp And	2.0730	11000.	67	39700	No
88	GOM_NL__2PRFIN20091003_132252_000000392083_00067_39700_0676.N1	03-OCT-2009 13:22:52	Bright	39.000	53	43Bet And	2.0480	3300.0	78	39700	No
89	GOM_NL__2PRFIN20091003_132748_000000342083_00067_39700_0677.N1	03-OCT-2009 13:27:48	Bright	33.500	68	18Alp Cas	2.2250	4500.0	67	39700	No
90	GOM_NL__2PRFIN20091003_132914_000000342083_00067_39700_0678.N1	03-OCT-2009 13:29:14	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	39700	No
91	GOM_NL__2PRFIN20091003_141233_000000362083_00067_39700_0679.N1	03-OCT-2009 14:12:33	Dark	36.000	132	15Rho Pup	2.8030	6900.0	72	39700	No
92	GOM_NL__2PRFIN20091003_141620_000000412083_00067_39700_0680.N1	03-OCT-2009 14:16:20	Dark	41.000	88	31Eta CMa	2.4480	20000.	82	39700	No
93	GOM_NL__2PRFIN20091003_142533_000000492083_00068_39701_0680.N1	03-OCT-2009 14:25:33	Dark	49.000	108	Alp Col	2.6520	15200.	98	39701	No
94	GOM_NL__2PRFIN20091003_143513_000000392083_00068_39701_0681.N1	03-OCT-2009 14:35:13	Straylight	38.500	157	The1Eri	2.9060	9300.0	77	39701	No
95	GOM_NL__2PRFIN20091003_144534_000000332083_00068_39701_0682.N1	03-OCT-2009 14:45:34	Straylight	32.500	52	16Bet Cet	2.0370	4500.0	65	39701	No
96	GOM_NL__2PRFIN20091003_145550_000000332083_00068_39701_0683.N1	03-OCT-2009 14:55:50	Bright	33.000	140	88Gam Peg	2.8340	26000.	66	39701	No
97	GOM_NL__2PRFIN20091003_145957_000000332083_00068_39701_0684.N1	03-OCT-2009 14:59:57	Bright	33.000	58	21Alp And	2.0730	11000.	66	39701	No
98	GOM_NL__2PRFIN20091003_150327_000000392083_00068_39701_0685.N1	03-OCT-2009 15:03:27	Bright	39.000	53	43Bet And	2.0480	3300.0	78	39701	No
99	GOM_NL__2PRFIN20091003_150824_000000342083_00068_39701_0686.N1	03-OCT-2009 15:08:24	Bright	33.500	68	18Alp Cas	2.2250	4500.0	67	39701	No
100	GOM_NL__2PRFIN20091003_150949_000000332083_00068_39701_0687.N1	03-OCT-2009 15:09:49	Bright	33.000	76	27Gam Cas	2.3000	30000.	66	39701	No
101	GOM_NL__2PRFIN20091003_155310_000000362083_00068_39701_0688.N1	03-OCT-2009 15:53:10	Dark	36.000	132	15Rho Pup	2.8030	6900.0	72	39701	No

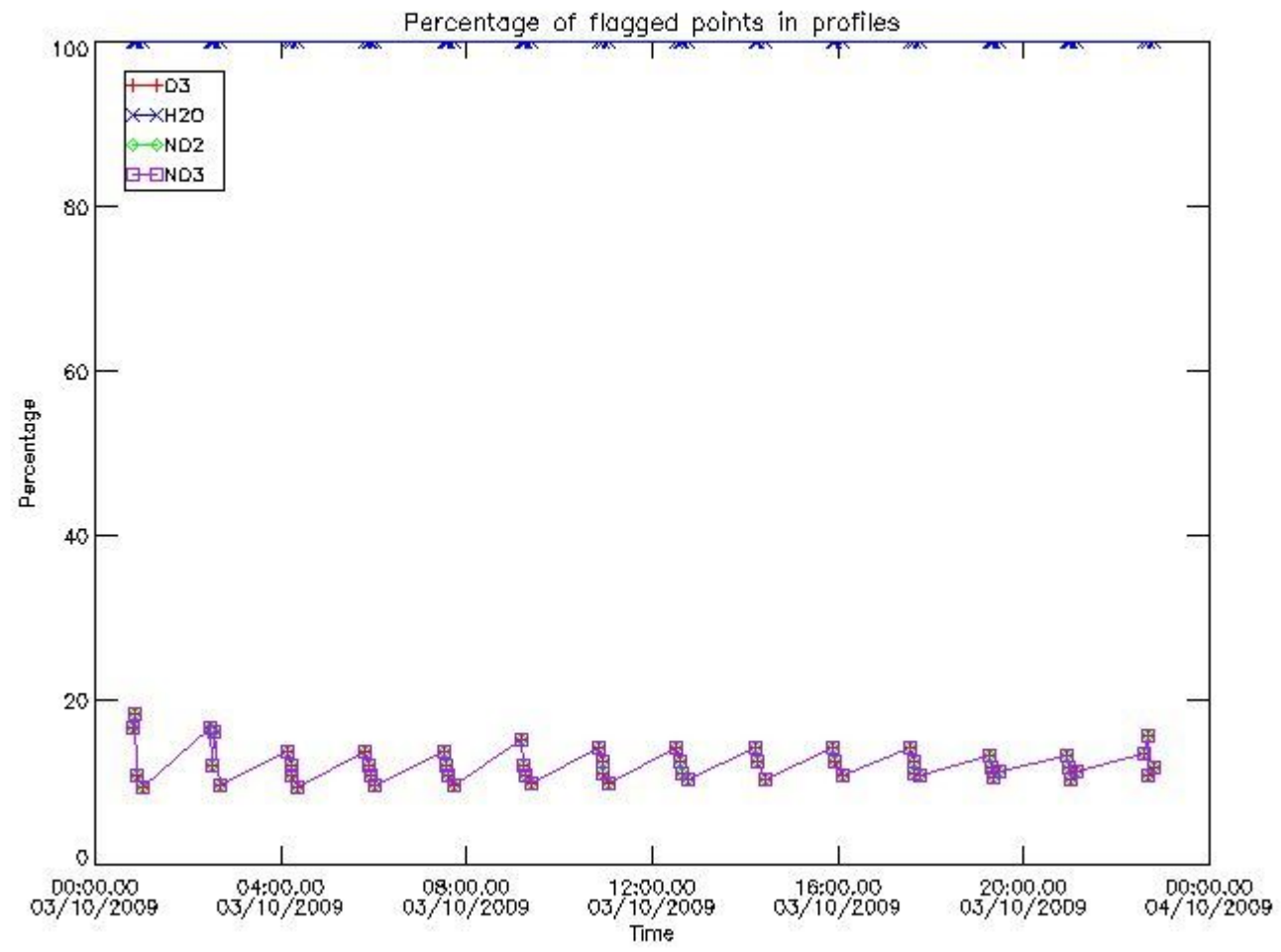
102	GOM_NL__2PRFIN20091003_155658_000000412083_00068_39701_0689.N1	03-OCT-2009 15:56:58	Dark	40.500	88	31Eta CMa	2.4480	20000.	81	39701	No
103	GOM_NL__2PRFIN20091003_160611_000000472083_00069_39702_0689.N1	03-OCT-2009 16:06:11	Dark	47.000	108	Alp Col	2.6520	15200.	94	39702	No
104	GOM_NL__2PRFIN20091003_161550_000000382083_00069_39702_0690.N1	03-OCT-2009 16:15:50	Straylight	38.000	157	The1Eri	2.9060	9300.0	76	39702	No
105	GOM_NL__2PRFIN20091003_162611_000000322083_00069_39702_0691.N1	03-OCT-2009 16:26:11	Straylight	32.000	52	16Bet Cet	2.0370	4500.0	64	39702	No
106	GOM_NL__2PRFIN20091003_163625_000000342083_00069_39702_0692.N1	03-OCT-2009 16:36:25	Bright	33.500	140	88Gam Peg	2.8340	26000.	67	39702	No
107	GOM_NL__2PRFIN20091003_164032_000000342083_00069_39702_0693.N1	03-OCT-2009 16:40:32	Bright	33.500	58	21Alp And	2.0730	11000.	67	39702	No
108	GOM_NL__2PRFIN20091003_164402_000000402083_00069_39702_0694.N1	03-OCT-2009 16:44:02	Bright	39.500	53	43Bet And	2.0480	3300.0	79	39702	No
109	GOM_NL__2PRFIN20091003_164859_000000342083_00069_39702_0695.N1	03-OCT-2009 16:48:59	Bright	33.500	68	18Alp Cas	2.2250	4500.0	67	39702	No
110	GOM_NL__2PRFIN20091003_165024_000000342083_00069_39702_0696.N1	03-OCT-2009 16:50:24	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	39702	No
111	GOM_NL__2PRFIN20091003_173347_000000362083_00069_39702_0697.N1	03-OCT-2009 17:33:47	Dark	36.000	132	15Rho Pup	2.8030	6900.0	72	39702	No
112	GOM_NL__2PRFIN20091003_173734_000000412083_00069_39702_0698.N1	03-OCT-2009 17:37:34	Dark	41.000	88	31Eta CMa	2.4480	20000.	82	39702	No
113	GOM_NL__2PRFIN20091003_173926_000000462083_00069_39702_0699.N1	03-OCT-2009 17:39:26	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	39702	No
114	GOM_NL__2PRFIN20091003_174649_000000472083_00070_39703_0698.N1	03-OCT-2009 17:46:49	Dark	47.000	108	Alp Col	2.6520	15200.	94	39703	No
115	GOM_NL__2PRFIN20091003_175626_000000442083_00070_39703_0699.N1	03-OCT-2009 17:56:26	Straylight	44.000	157	The1Eri	2.9060	9300.0	88	39703	No
116	GOM_NL__2PRFIN20091003_180646_000000362083_00070_39703_0700.N1	03-OCT-2009 18:06:46	Straylight	35.500	52	16Bet Cet	2.0370	4500.0	71	39703	No
117	GOM_NL__2PRFIN20091003_181702_000000352083_00070_39703_0701.N1	03-OCT-2009 18:17:02	Bright	35.000	140	88Gam Peg	2.8340	26000.	70	39703	No
118	GOM_NL__2PRFIN20091003_182108_000000362083_00070_39703_0702.N1	03-OCT-2009 18:21:08	Bright	36.000	58	21Alp And	2.0730	11000.	72	39703	No
119	GOM_NL__2PRFIN20091003_182438_000000432083_00070_39703_0703.N1	03-OCT-2009 18:24:38	Bright	43.000	53	43Bet And	2.0480	3300.0	86	39703	No
120	GOM_NL__2PRFIN20091003_182935_000000362083_00070_39703_0704.N1	03-OCT-2009 18:29:35	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	39703	No
121	GOM_NL__2PRFIN20091003_183100_000000352083_00070_39703_0705.N1	03-OCT-2009 18:31:00	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	39703	No
122	GOM_NL__2PRFIN20091003_191424_000000392083_00070_39703_0706.N1	03-OCT-2009 19:14:24	Dark	38.500	132	15Rho Pup	2.8030	6900.0	77	39703	No
123	GOM_NL__2PRFIN20091003_191811_000000442083_00070_39703_0707.N1	03-OCT-2009 19:18:11	Dark	43.500	88	31Eta CMa	2.4480	20000.	87	39703	No
124	GOM_NL__2PRFIN20091003_192004_000000492083_00070_39703_0708.N1	03-OCT-2009 19:20:04	Dark	48.500	23	21Eps CMa	1.5020	26000.	97	39703	No
125	GOM_NL__2PRFIN20091003_192726_000000452083_00071_39704_0707.N1	03-OCT-2009 19:27:26	Dark	45.000	108	Alp Col	2.6520	15200.	90	39704	No
126	GOM_NL__2PRFIN20091003_193703_000000422083_00071_39704_0708.N1	03-OCT-2009 19:37:03	Straylight	42.000	157	The1Eri	2.9060	9300.0	84	39704	No
127	GOM_NL__2PRFIN20091003_194722_000000362083_00071_39704_0709.N1	03-OCT-2009 19:47:22	Straylight	35.500	52	16Bet Cet	2.0370	4500.0	71	39704	No
128	GOM_NL__2PRFIN20091003_195737_000000352083_00071_39704_0710.N1	03-OCT-2009 19:57:37	Bright	34.500	140	88Gam Peg	2.8340	26000.	69	39704	No
129	GOM_NL__2PRFIN20091003_200143_000000352083_00071_39704_0711.N1	03-OCT-2009 20:01:43	Bright	35.000	58	21Alp And	2.0730	11000.	70	39704	No
130	GOM_NL__2PRFIN20091003_200513_000000432083_00071_39704_0712.N1	03-OCT-2009 20:05:13	Bright	42.500	53	43Bet And	2.0480	3300.0	85	39704	No
131	GOM_NL__2PRFIN20091003_201010_000000362083_00071_39704_0713.N1	03-OCT-2009 20:10:10	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	39704	No
132	GOM_NL__2PRFIN20091003_201136_000000342083_00071_39704_0714.N1	03-OCT-2009 20:11:36	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	39704	No
133	GOM_NL__2PRFIN20091003_205501_000000392083_00071_39704_0715.N1	03-OCT-2009 20:55:01	Dark	38.500	132	15Rho Pup	2.8030	6900.0	77	39704	No
134	GOM_NL__2PRFIN20091003_205848_000000442083_00071_39704_0716.N1	03-OCT-2009 20:58:48	Dark	43.500	88	31Eta CMa	2.4480	20000.	87	39704	No
135	GOM_NL__2PRFIN20091003_210041_000000502083_00071_39704_0717.N1	03-OCT-2009 21:00:41	Dark	49.500	23	21Eps CMa	1.5020	26000.	99	39704	No
136	GOM_NL__2PRFIN20091003_210803_000000452083_00072_39705_0716.N1	03-OCT-2009 21:08:03	Dark	45.000	108	Alp Col	2.6520	15200.	90	39705	No
137	GOM_NL__2PRFIN20091003_211739_000000412083_00072_39705_0717.N1	03-OCT-2009 21:17:39	Straylight	41.000	157	The1Eri	2.9060	9300.0	82	39705	No
138	GOM_NL__2PRFIN20091003_212758_000000342083_00072_39705_0718.N1	03-OCT-2009 21:27:58	Straylight	34.000	52	16Bet Cet	2.0370	4500.0	68	39705	No
139	GOM_NL__2PRFIN20091003_213813_000000352083_00072_39705_0719.N1	03-OCT-2009 21:38:13	Bright	34.500	140	88Gam Peg	2.8340	26000.	69	39705	No
140	GOM_NL__2PRFIN20091003_214220_000000352083_00072_39705_0720.N1	03-OCT-2009 21:42:20	Bright	34.500	58	21Alp And	2.0730	11000.	69	39705	No
141	GOM_NL__2PRFIN20091003_214548_000000422083_00072_39705_0721.N1	03-OCT-2009 21:45:48	Bright	41.500	53	43Bet And	2.0480	3300.0	83	39705	No
142	GOM_NL__2PRFIN20091003_215046_000000352083_00072_39705_0722.N1	03-OCT-2009 21:50:46	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	39705	No
143	GOM_NL__2PRFIN20091003_215212_000000342083_00072_39705_0723.N1	03-OCT-2009 21:52:12	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	39705	No
144	GOM_NL__2PRFIN20091003_223537_000000382083_00072_39705_0724.N1	03-OCT-2009 22:35:37	Dark	38.000	132	15Rho Pup	2.8030	6900.0	76	39705	No
145	GOM_NL__2PRFIN20091003_223926_000000432083_00072_39705_0725.N1	03-OCT-2009 22:39:26	Dark	42.500	88	31Eta CMa	2.4480	20000.	85	39705	No
146	GOM_NL__2PRFIN20091003_224118_000000482083_00072_39705_0726.N1	03-OCT-2009 22:41:18	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	39705	No
147	GOM_NL__2PRFIN20091003_224840_000000432083_00073_39706_0725.N1	03-OCT-2009 22:48:40	Dark	43.000	108	Alp Col	2.6520	15200.	86	39706	No
148	GOM_NL__2PRFIN20091003_225816_000000432083_00073_39706_0726.N1	03-OCT-2009 22:58:16	Straylight	42.500	157	The1Eri	2.9060	9300.0	85	39706	No
149	GOM_NL__2PRFIN20091003_230834_000000362083_00073_39706_0727.N1	03-OCT-2009 23:08:34	Straylight	35.500	52	16Bet Cet	2.0370	4500.0	71	39706	No
150	GOM_NL__2PRFIN20091003_231849_000000352083_00073_39706_0728.N1	03-OCT-2009 23:18:49	Bright	34.500	140	88Gam Peg	2.8340	26000.	69	39706	No
151	GOM_NL__2PRFIN20091003_232255_000000352083_00073_39706_0729.N1	03-OCT-2009 23:22:55	Bright	35.000	58	21Alp And	2.0730	11000.	70	39706	No
152	GOM_NL__2PRFIN20091003_232624_000000412083_00073_39706_0730.N1	03-OCT-2009 23:26:24	Bright	41.000	53	43Bet And	2.0480	3300.0	82	39706	No
153	GOM_NL__2PRFIN20091003_233122_000000352083_00073_39706_0731.N1	03-OCT-2009 23:31:22	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	39706	No
154	GOM_NL__2PRFIN20091003_233247_000000342083_00073_39706_0732.N1	03-OCT-2009 23:32:47	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	39706	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

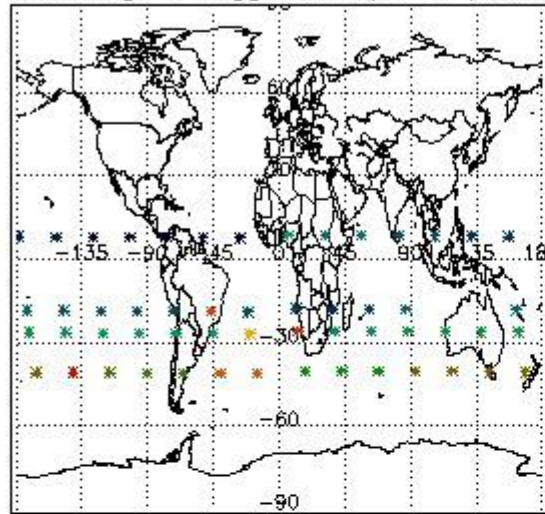
the MPH set to "0") are used.

### 3.1 Plot quality information per product (time dependant)

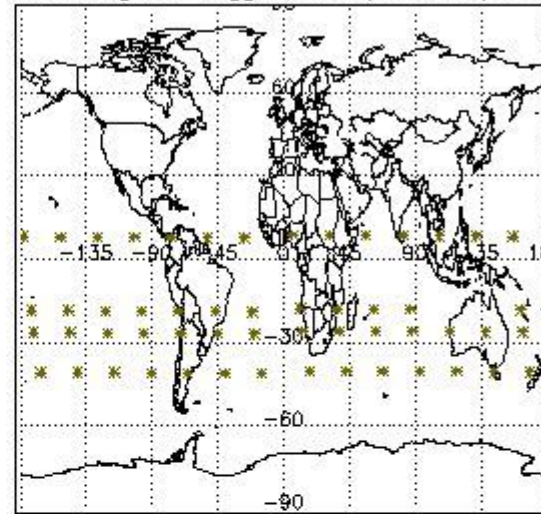


### 3.2 Plot quality information per product (world map)

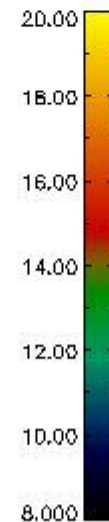
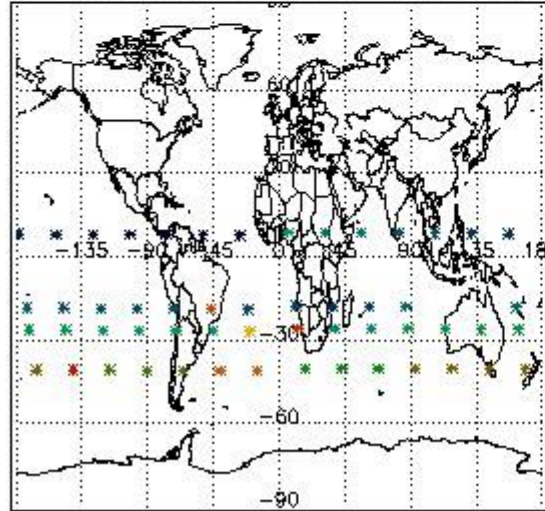
Percentage of flagged data per O3 profile



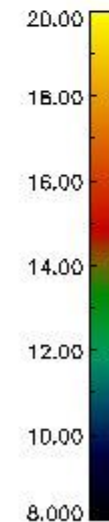
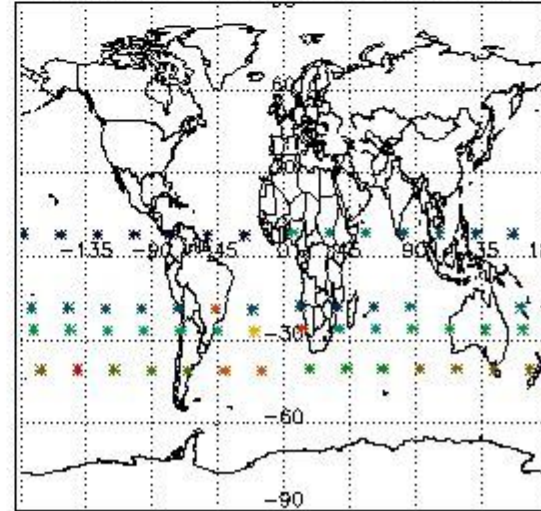
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

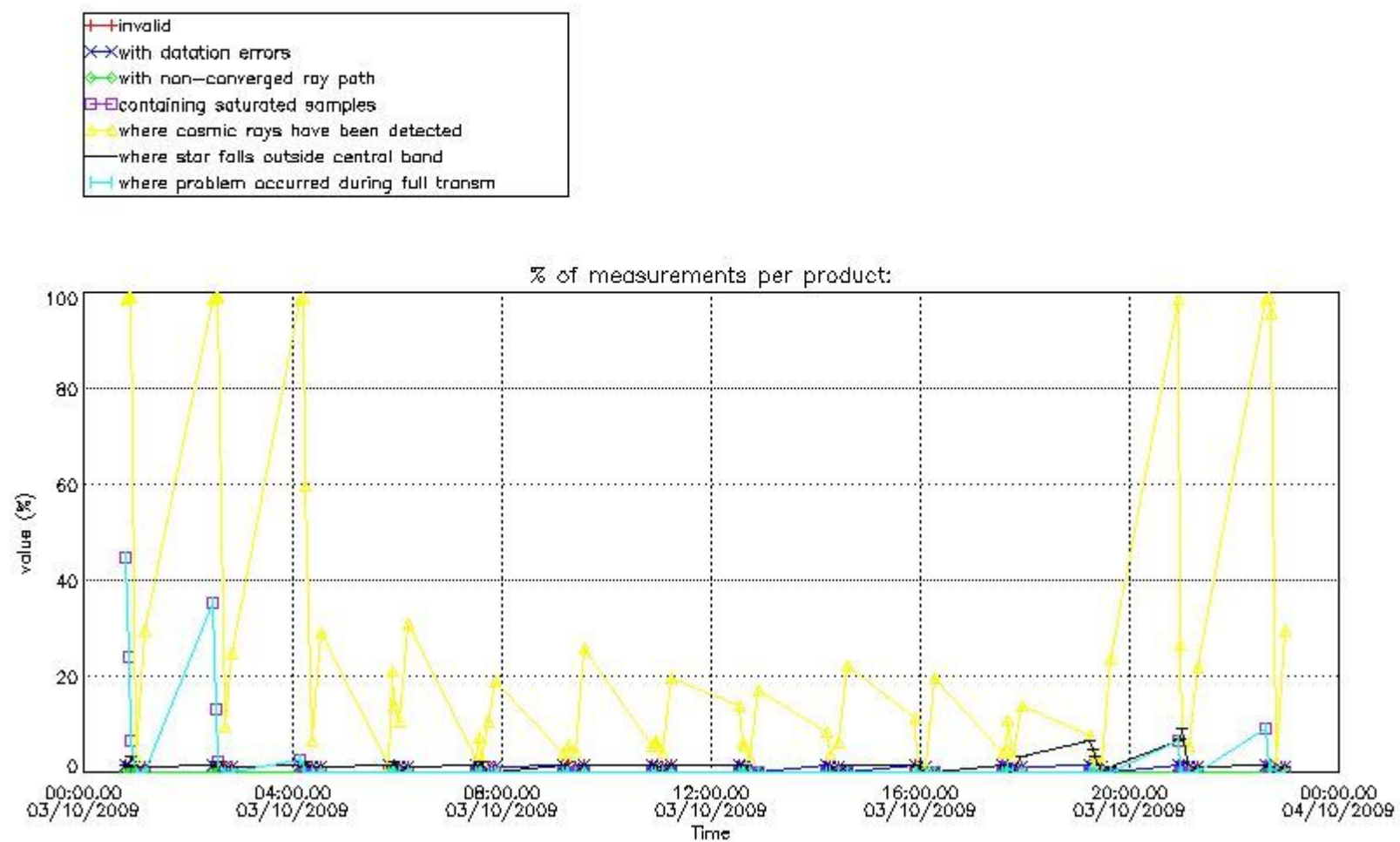


#### 4. Level 1 quality information per product

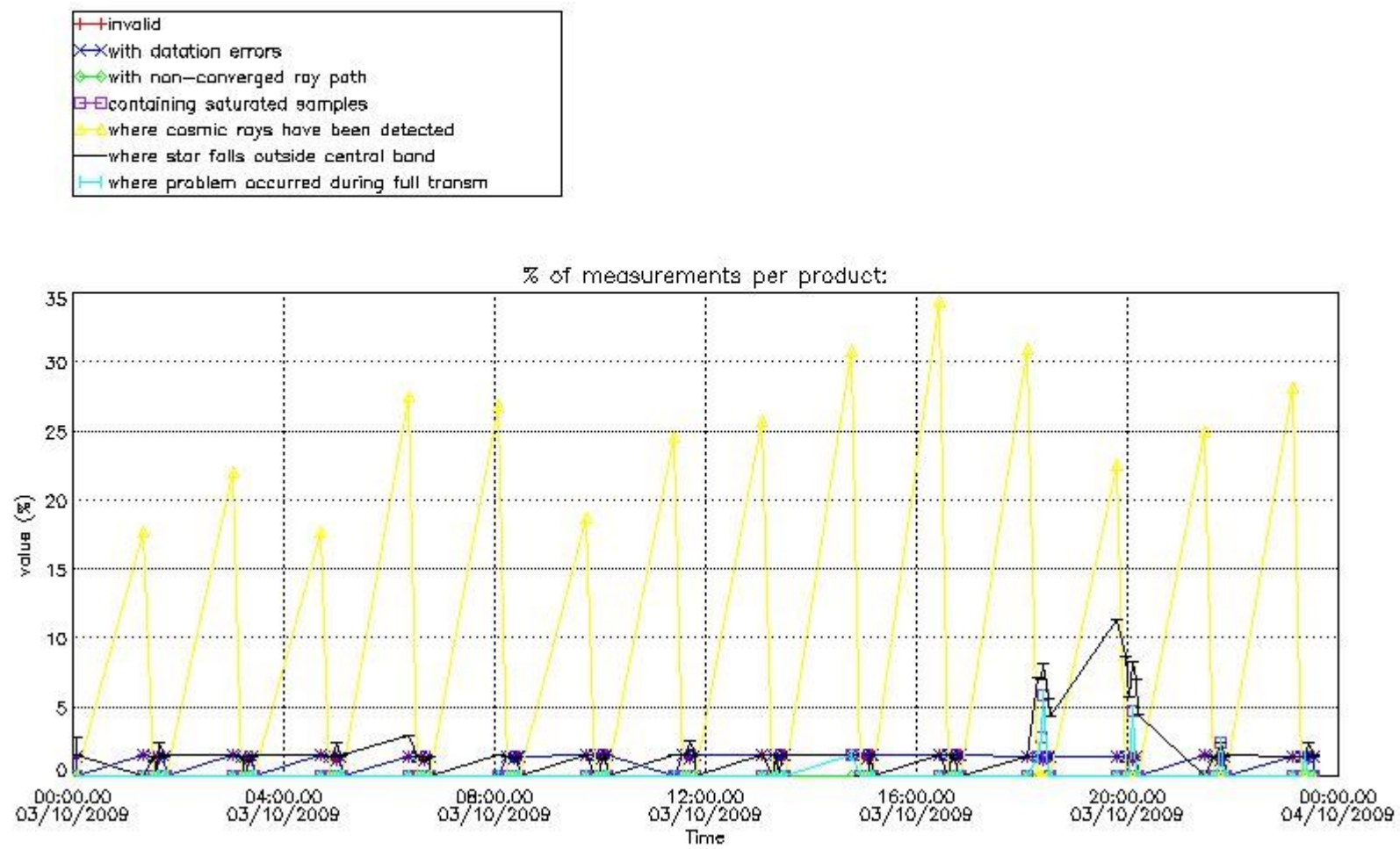
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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

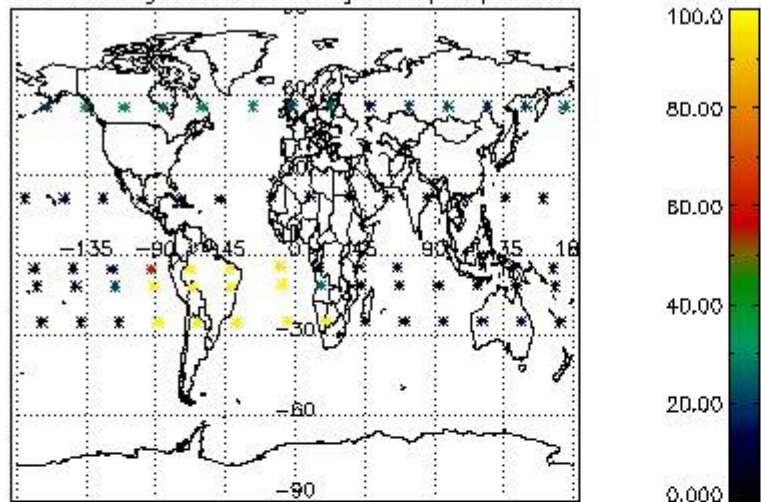


*4.2 Plot quality information per product coming from level 1b processing (world map)*

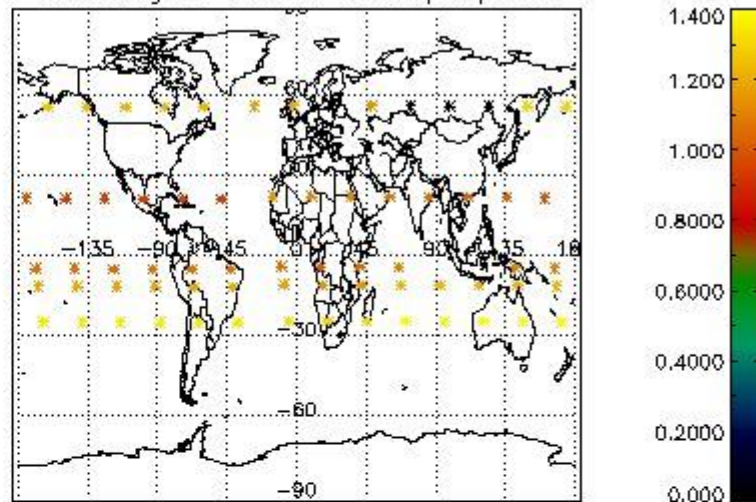
*4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes*



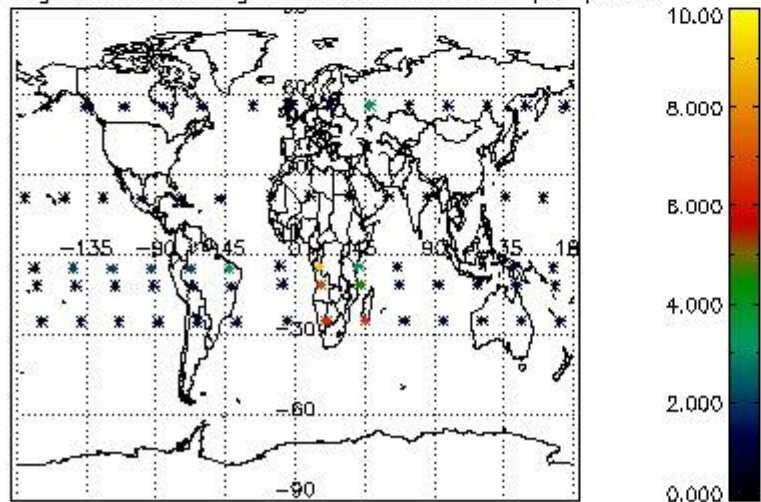
Percentage of cosmic ray hits per profile



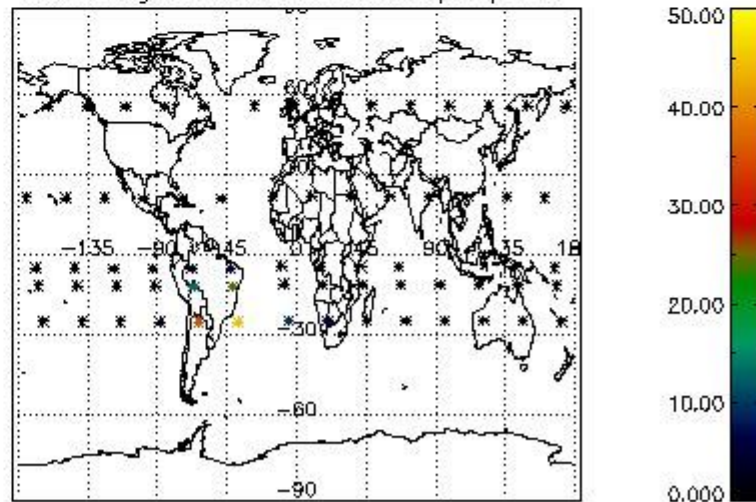
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

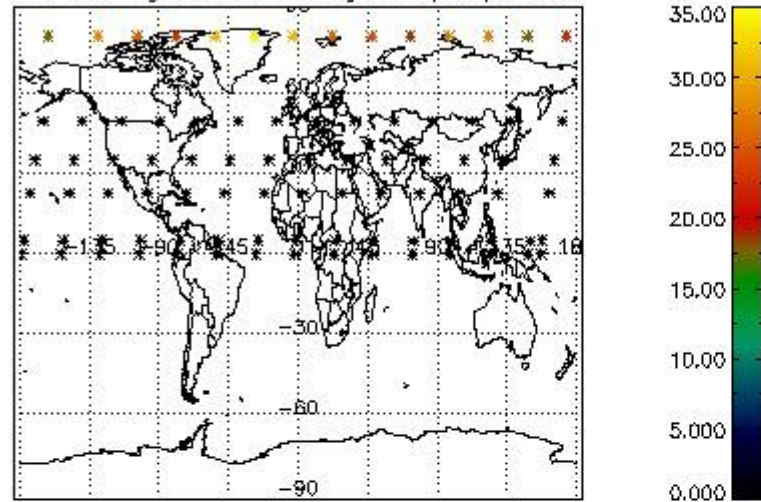


Percentage of saturation errors per profile

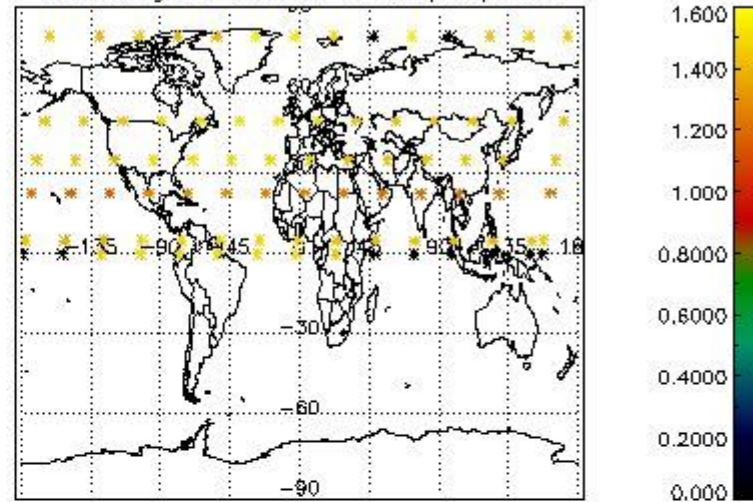


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

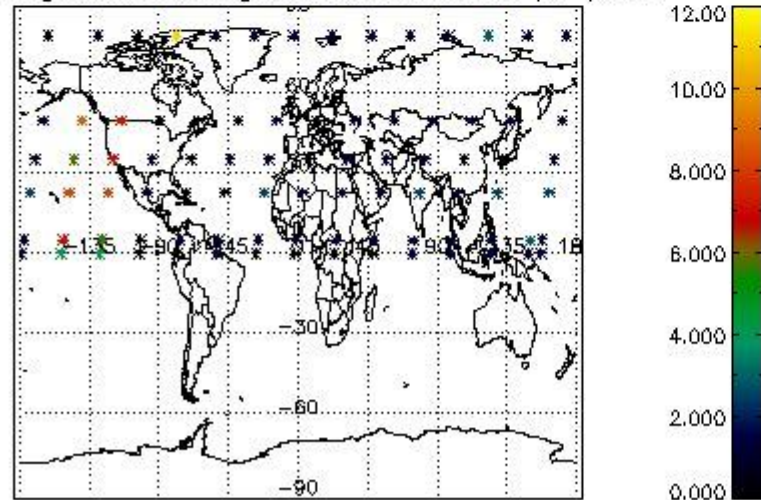
Percentage of cosmic ray hits per profile



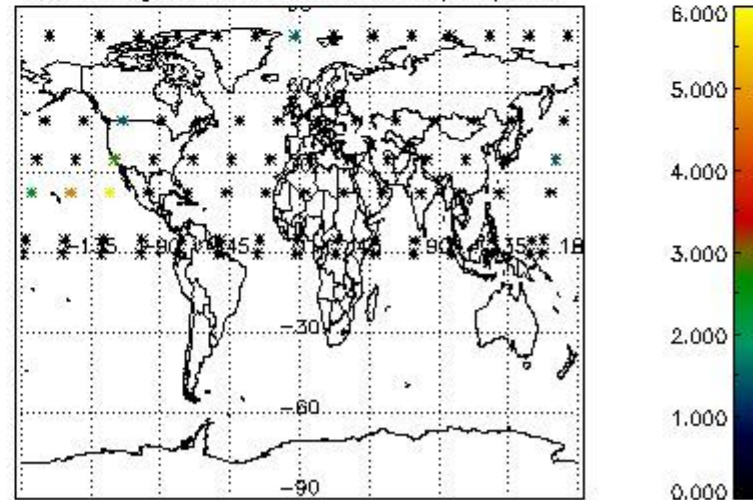
Percentage of datation errors per profile



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

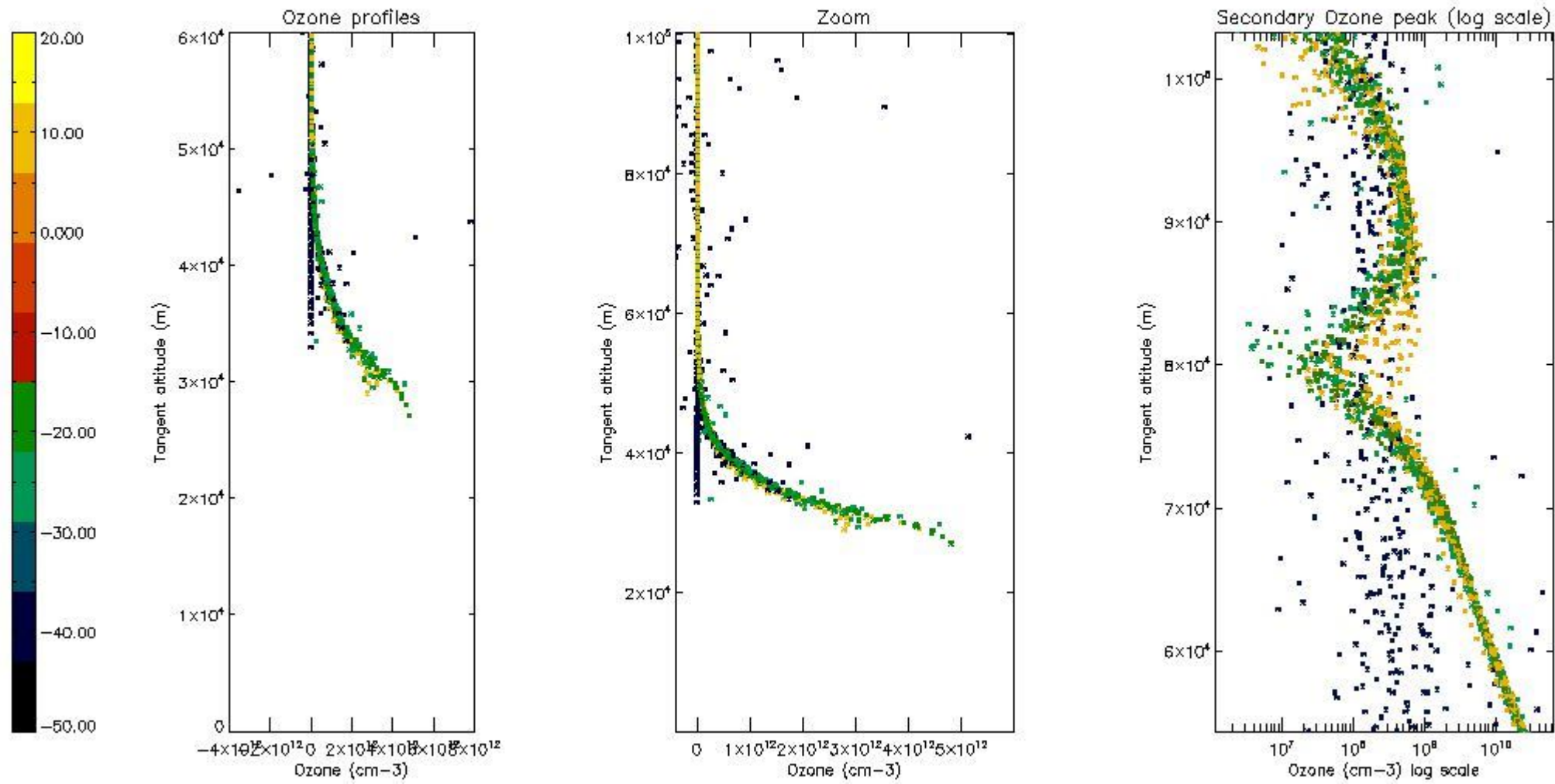
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	40
STD < 20	21

STD < 10	16
STD < 5	14

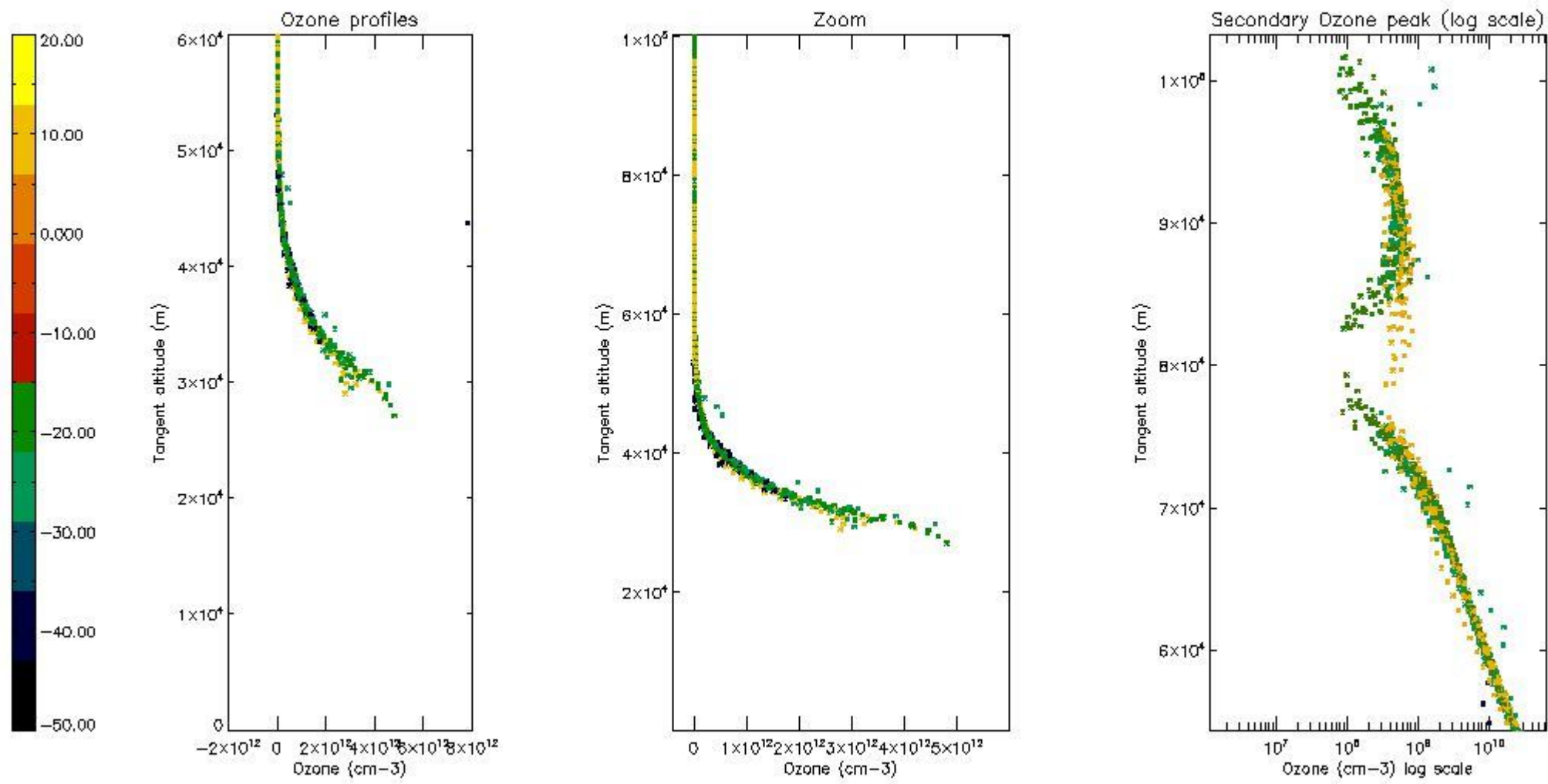
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



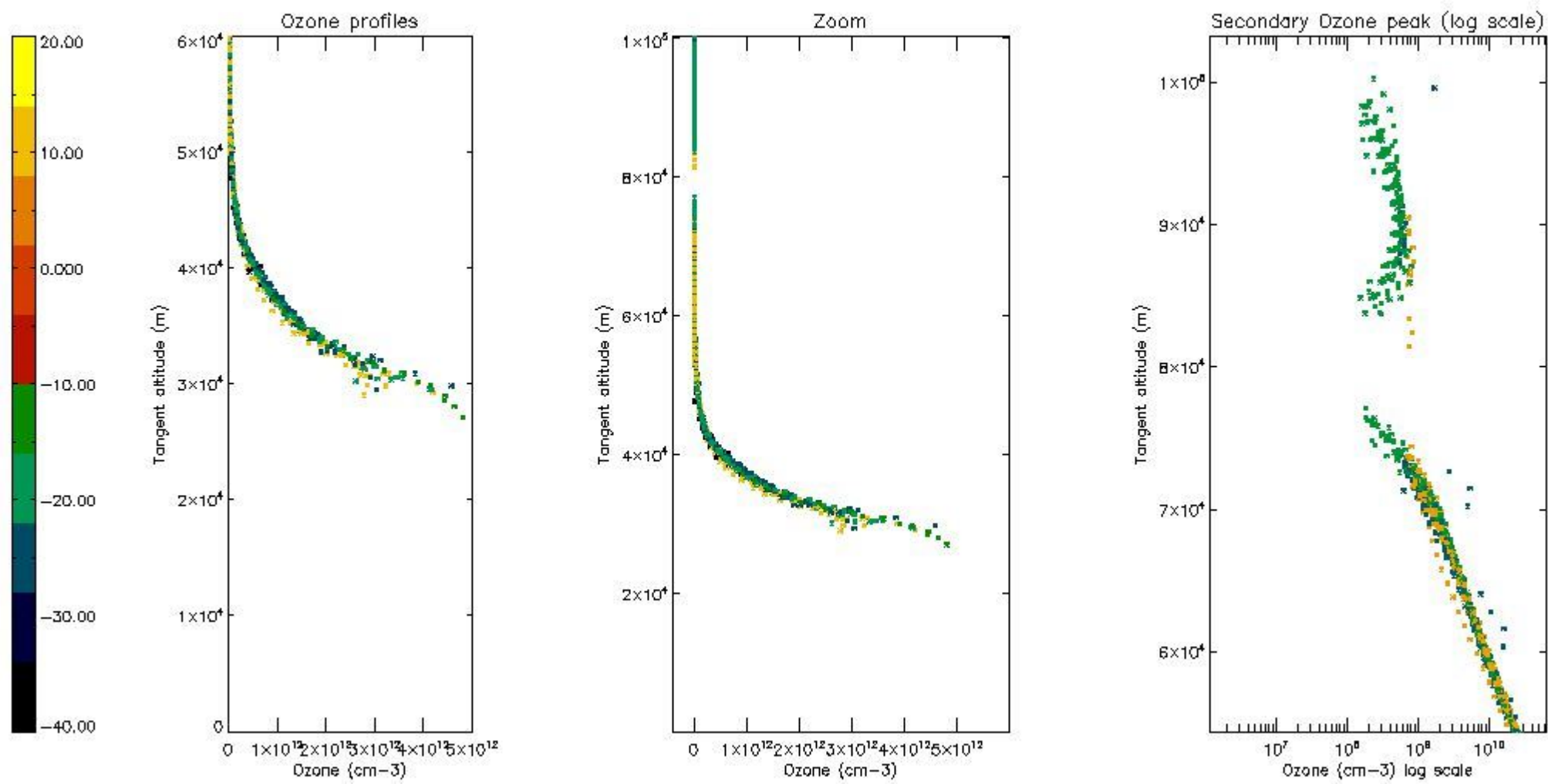
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



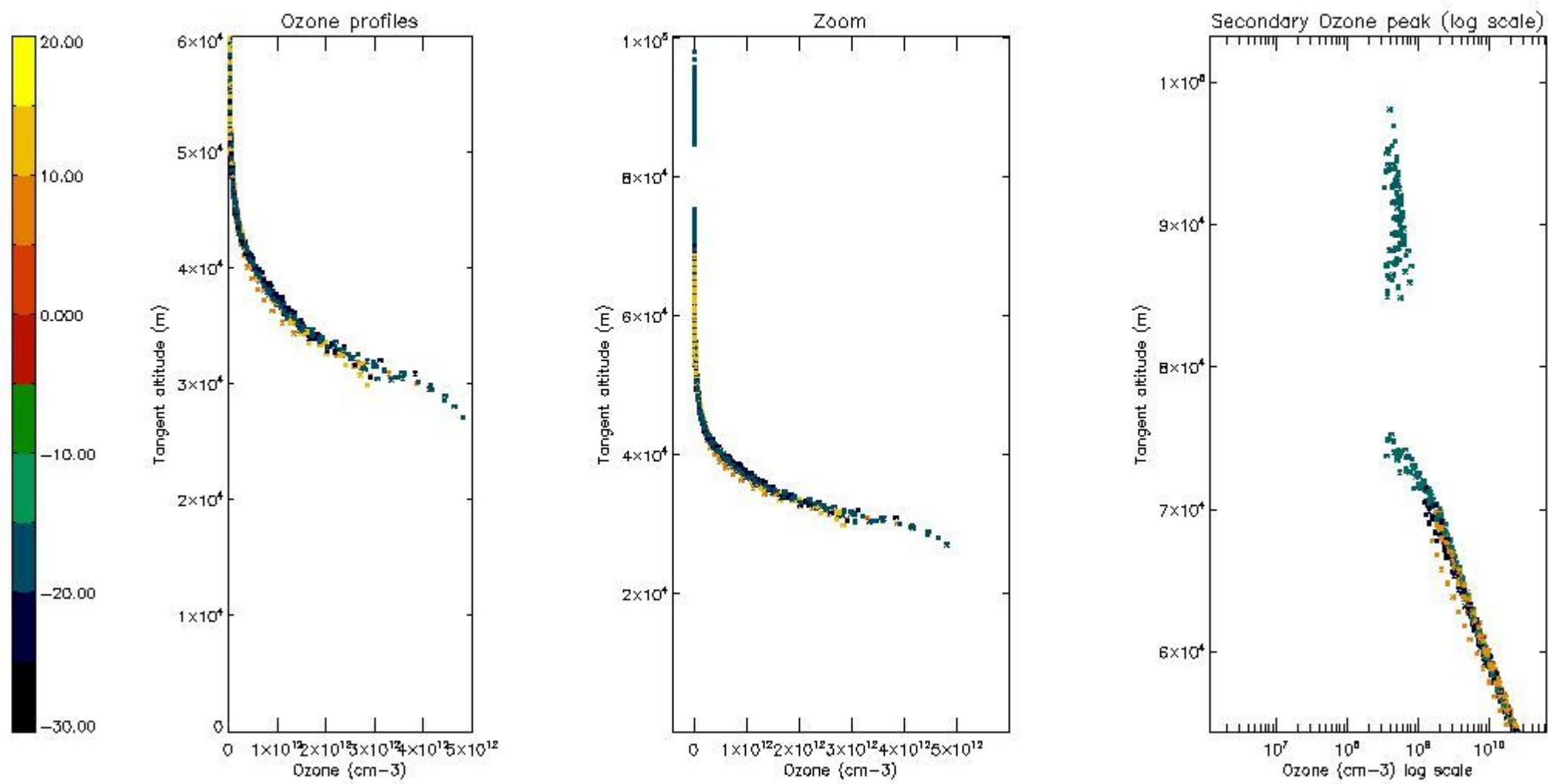
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



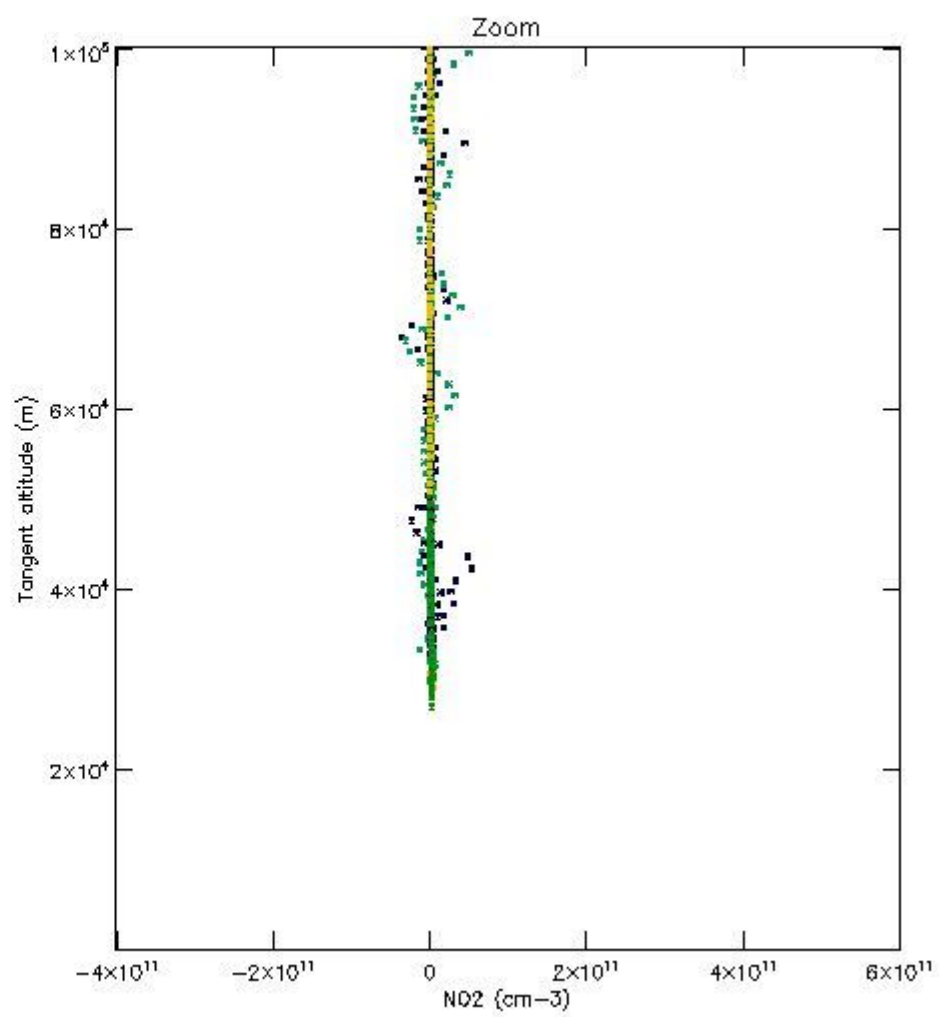
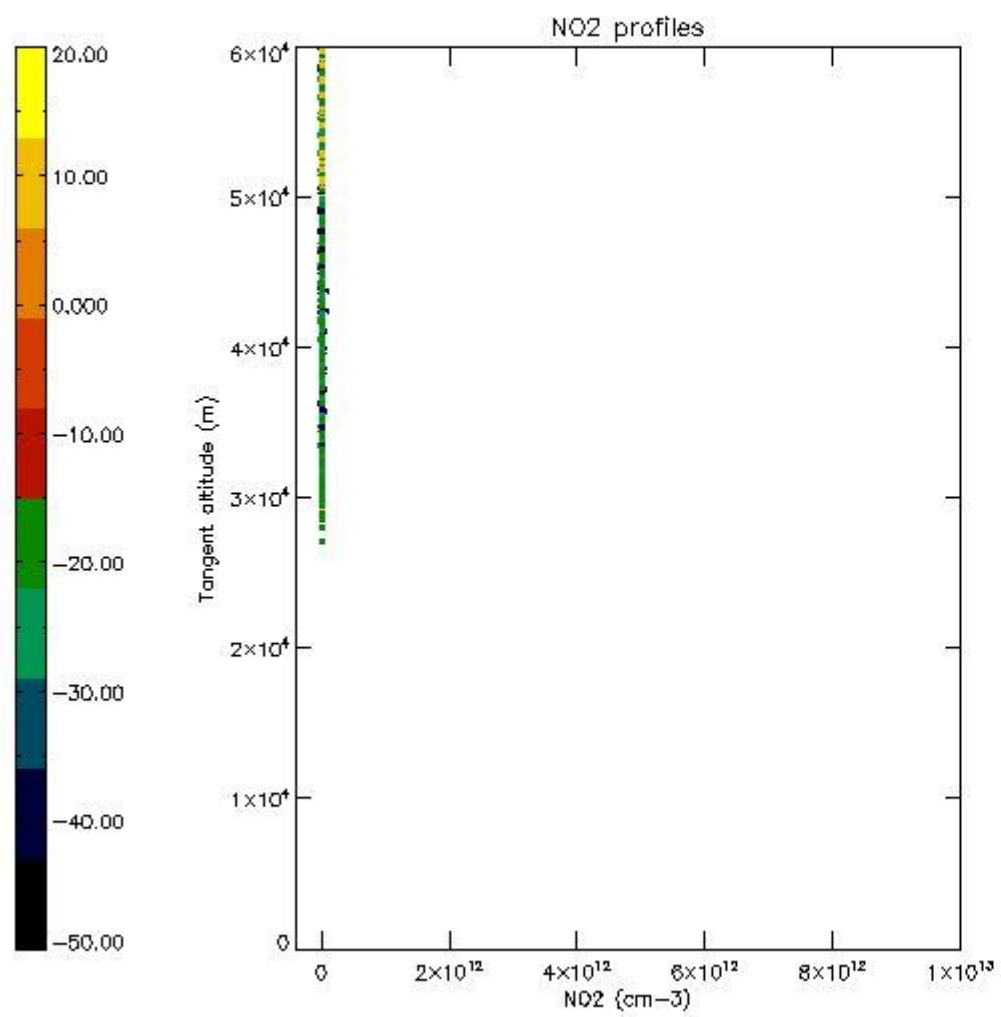
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



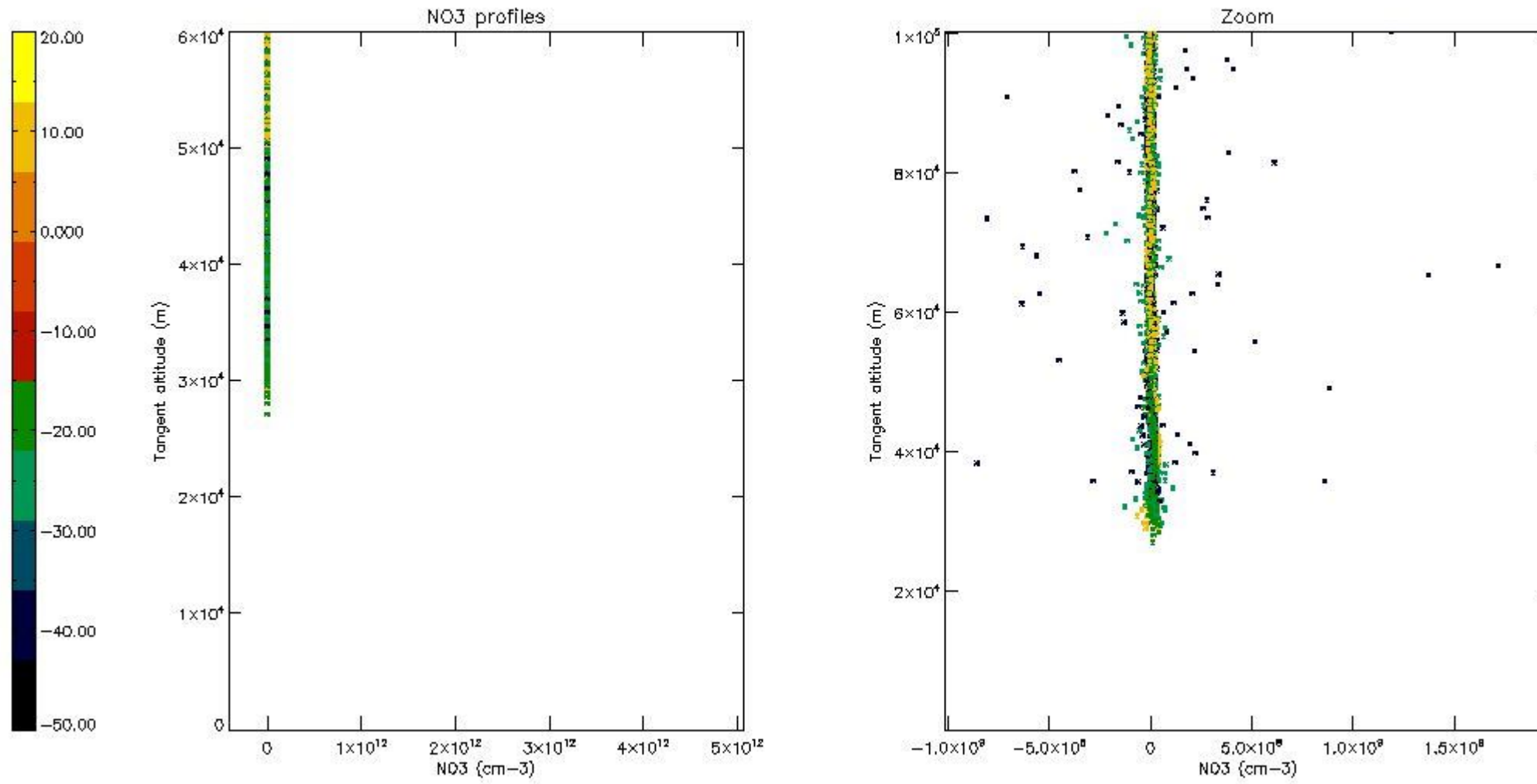
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

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	03-OCT-2009 00:03:03
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-OCT-2009 00:03:03
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-OCT-2009 00:03:03



# GOMOS Level 2 Daily Report

## SUMMARY

### [1. General Info](#)

### [2. Summary of processed GOM\\_NL\\_2P products](#)

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

#### [3.2 Plot of level 2 quality information per product \(world map\)](#)

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

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

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

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

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

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

### [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](#)

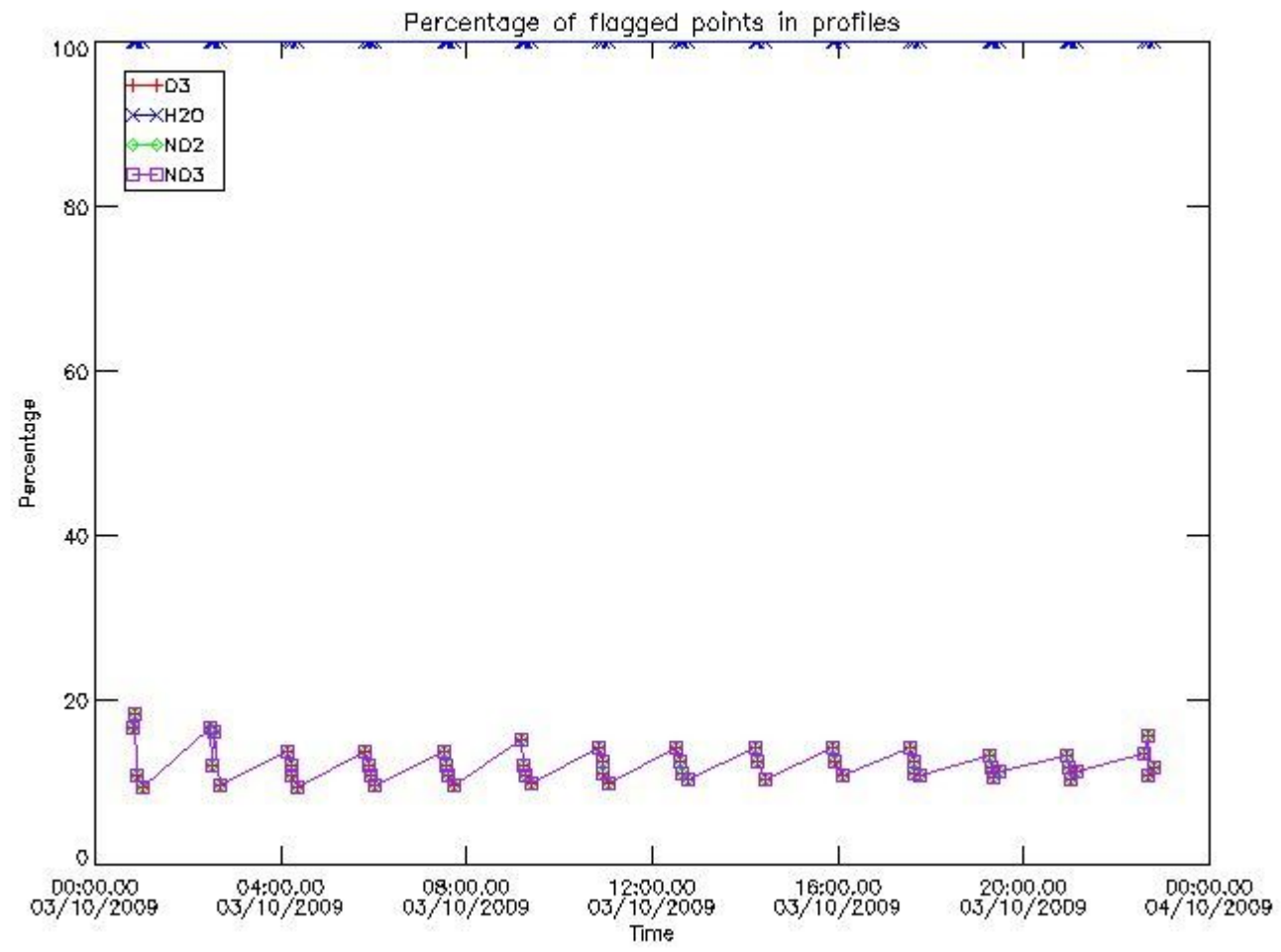






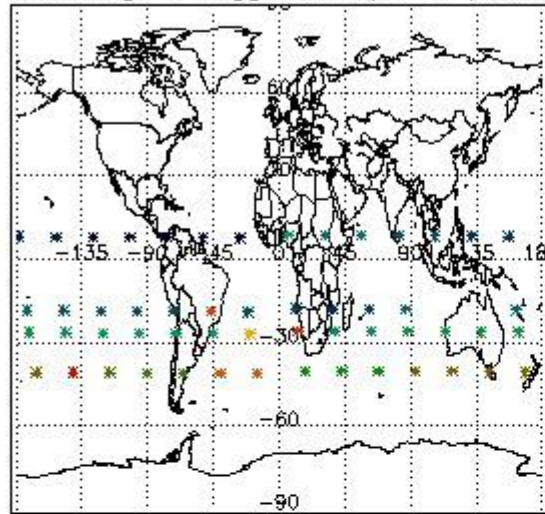
the MPH set to "0") are used.

### 3.1 Plot quality information per product (time dependant)

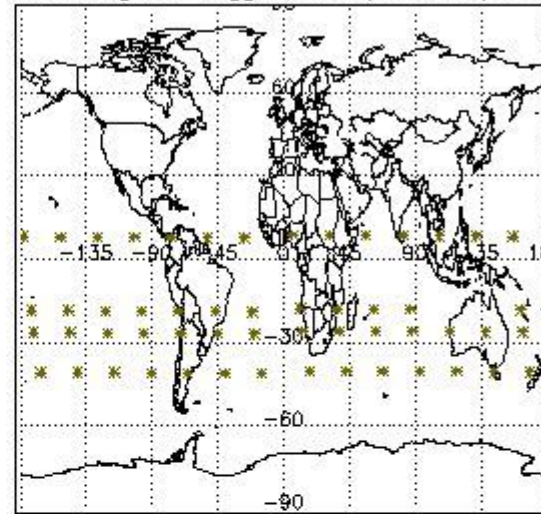


### 3.2 Plot quality information per product (world map)

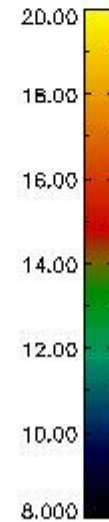
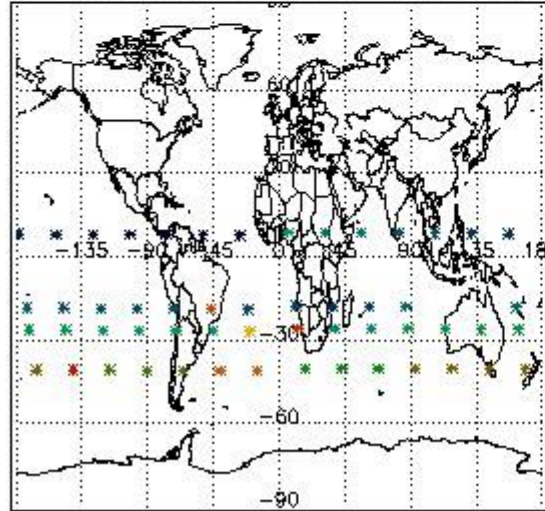
Percentage of flagged data per O3 profile



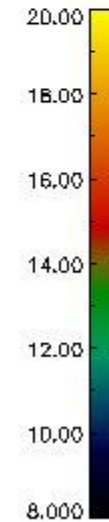
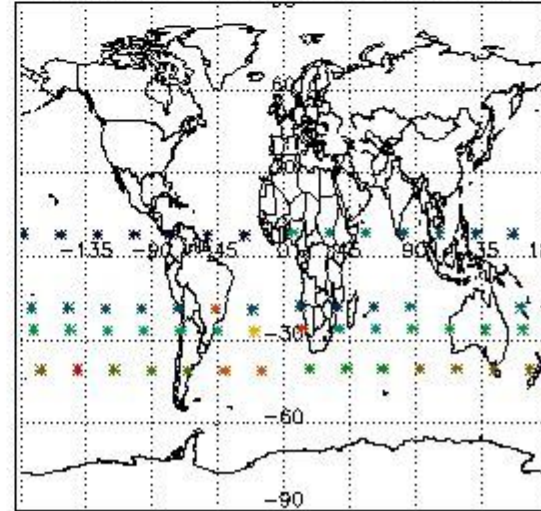
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

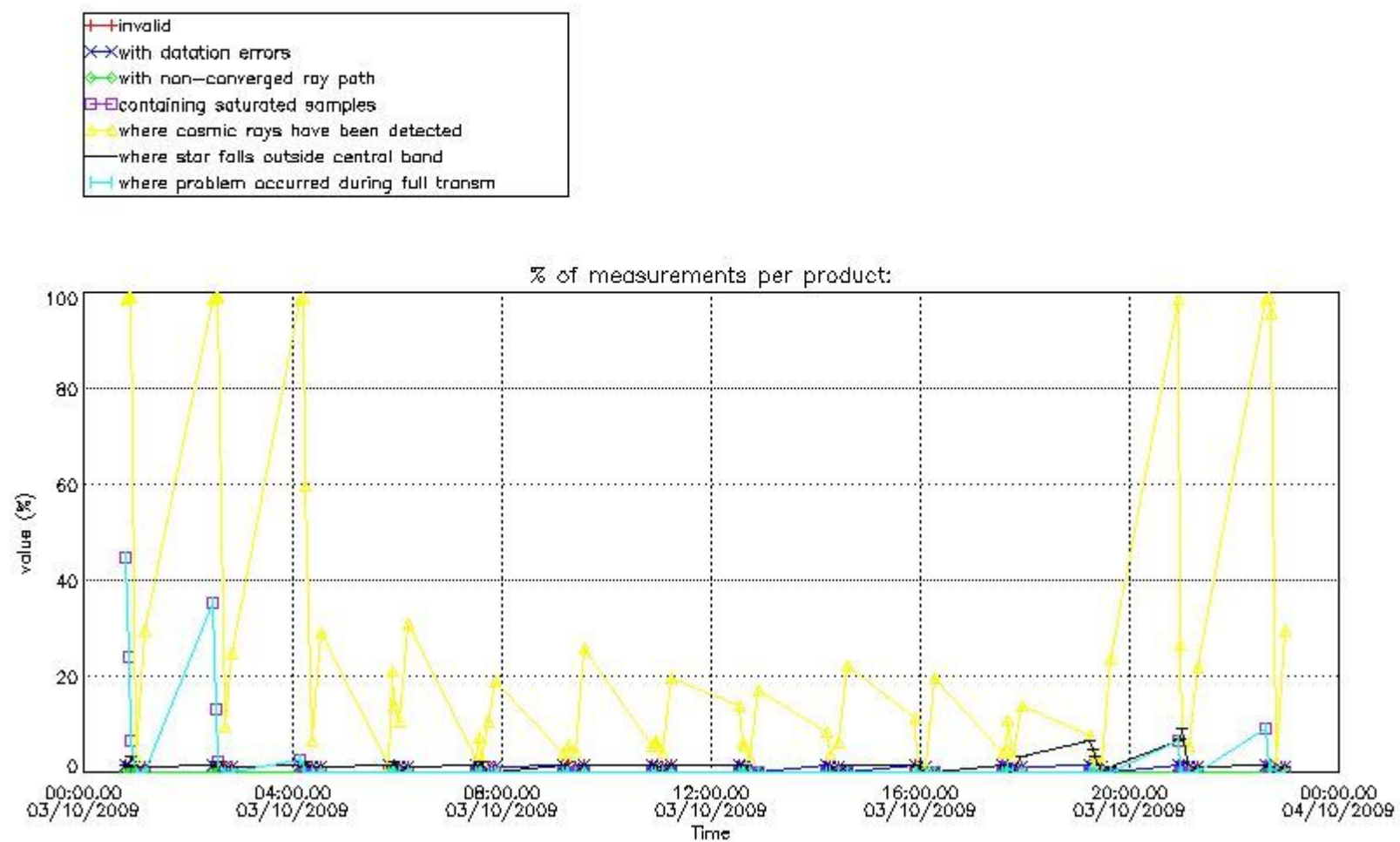


#### 4. Level 1 quality information per product

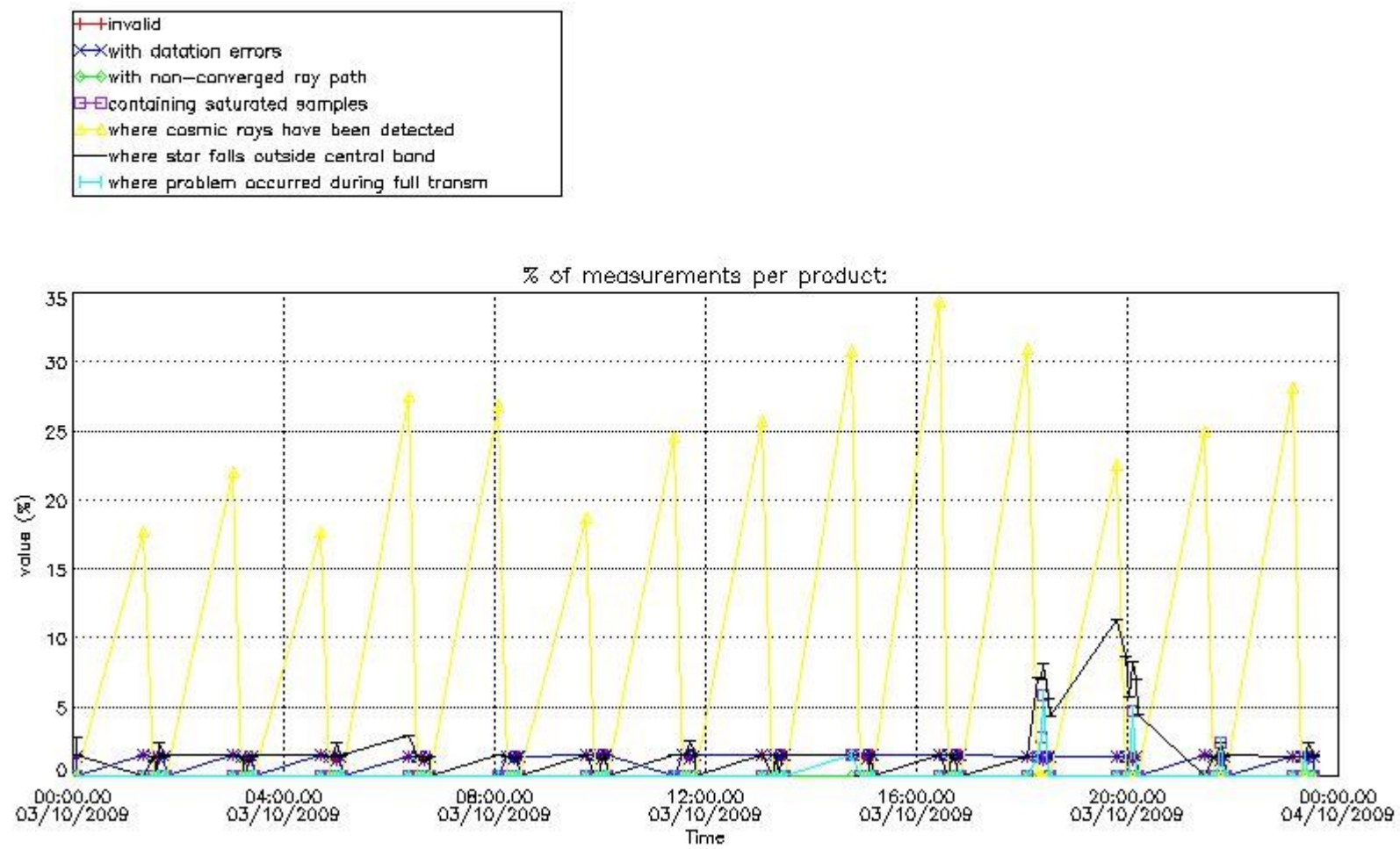
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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

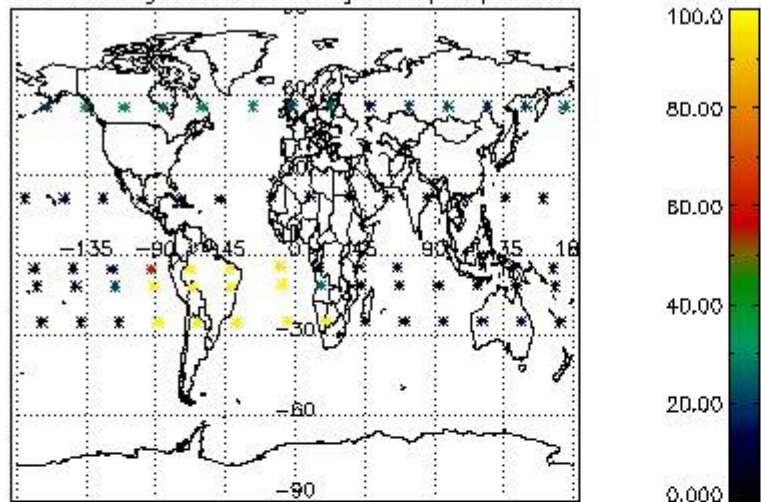


*4.2 Plot quality information per product coming from level 1b processing (world map)*

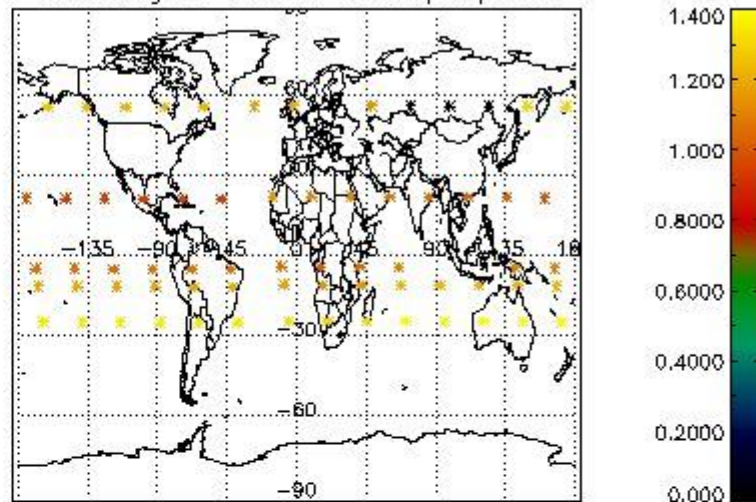
*4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes*



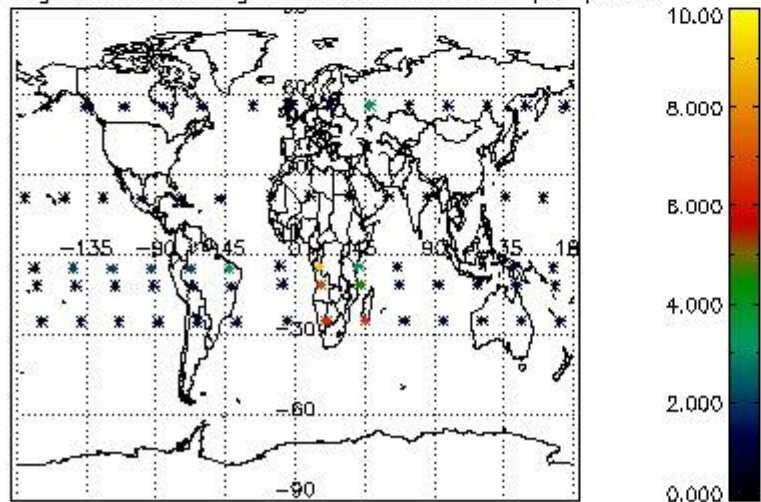
Percentage of cosmic ray hits per profile



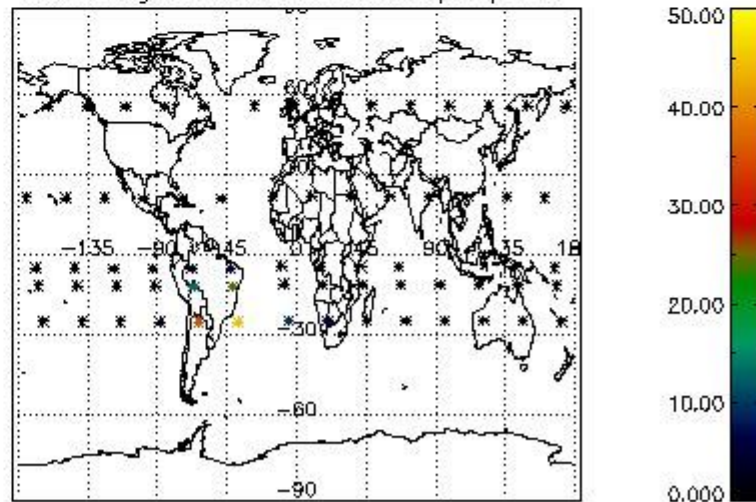
Percentage of datation errors per profile



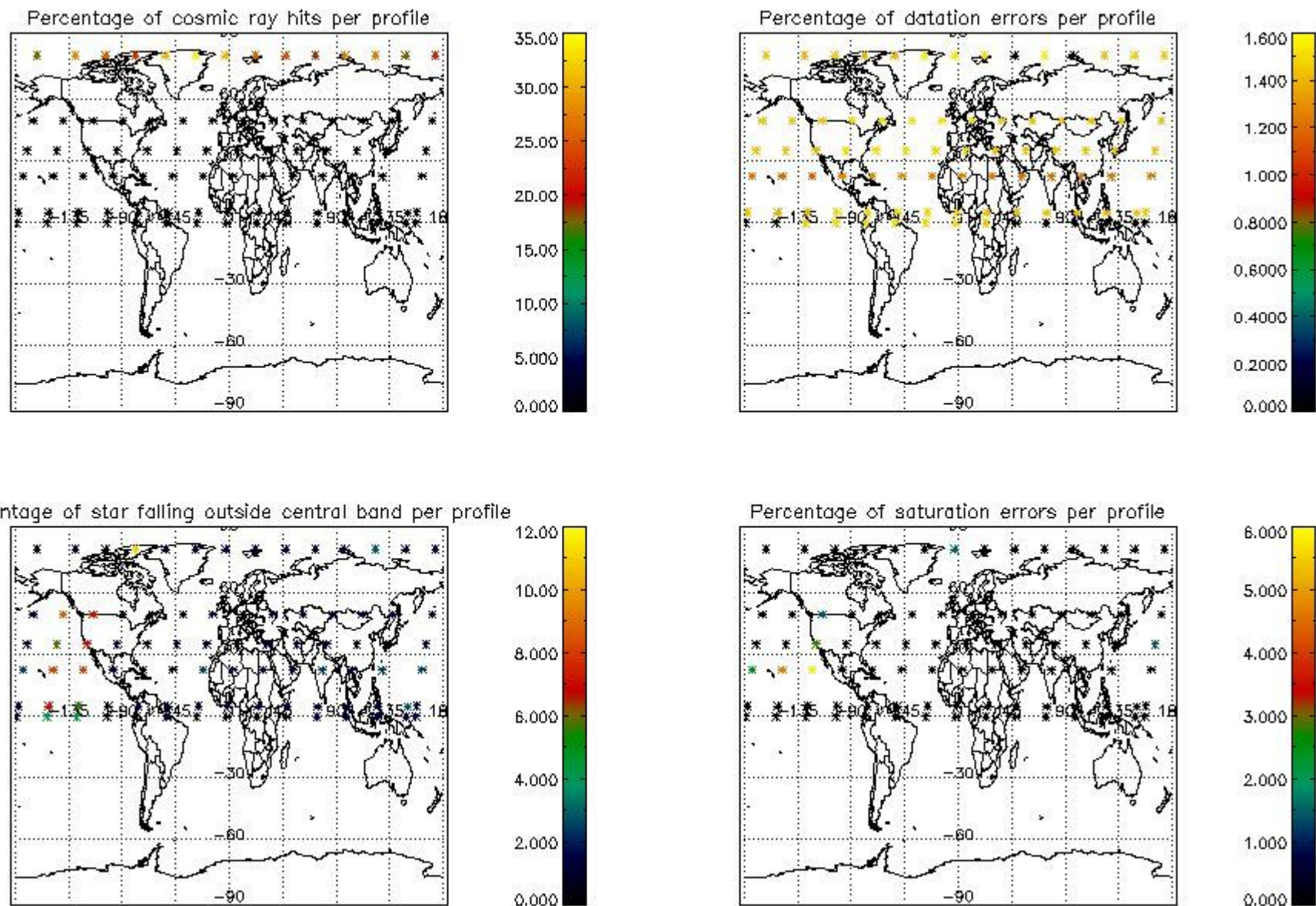
Percentage of star falling outside central band per profile



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

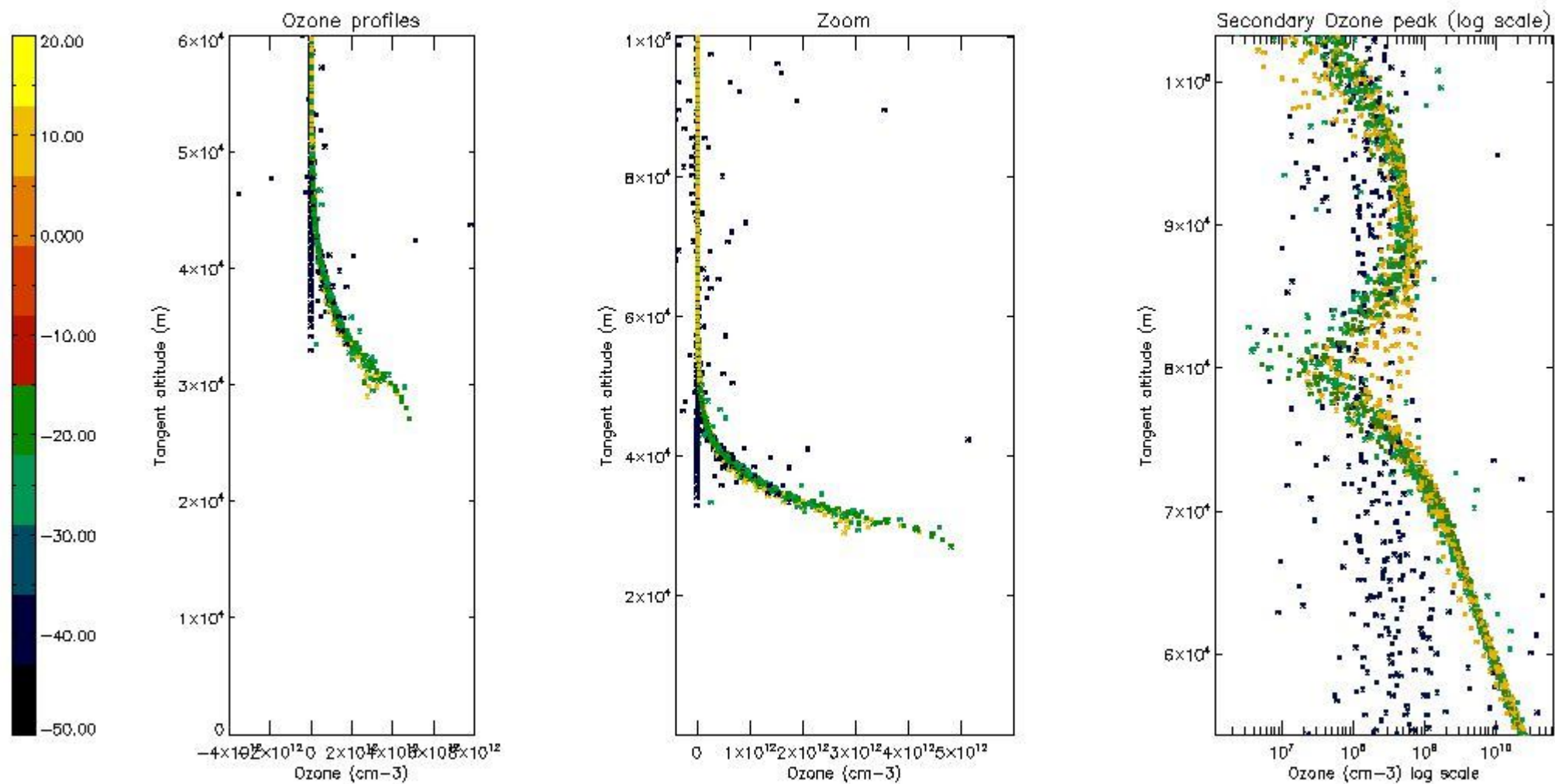
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	40
STD < 20	21

STD < 10	16
STD < 5	14

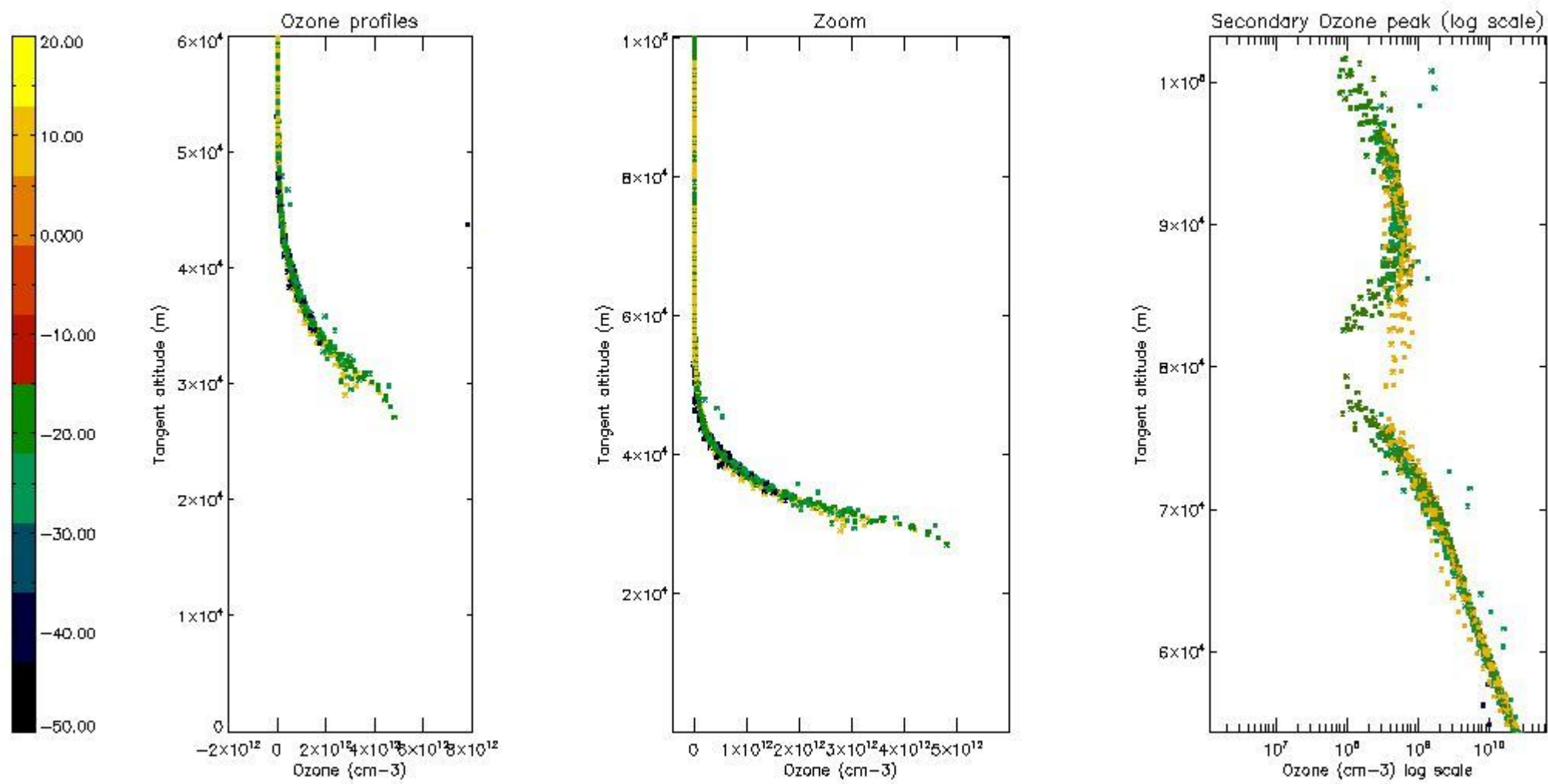
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



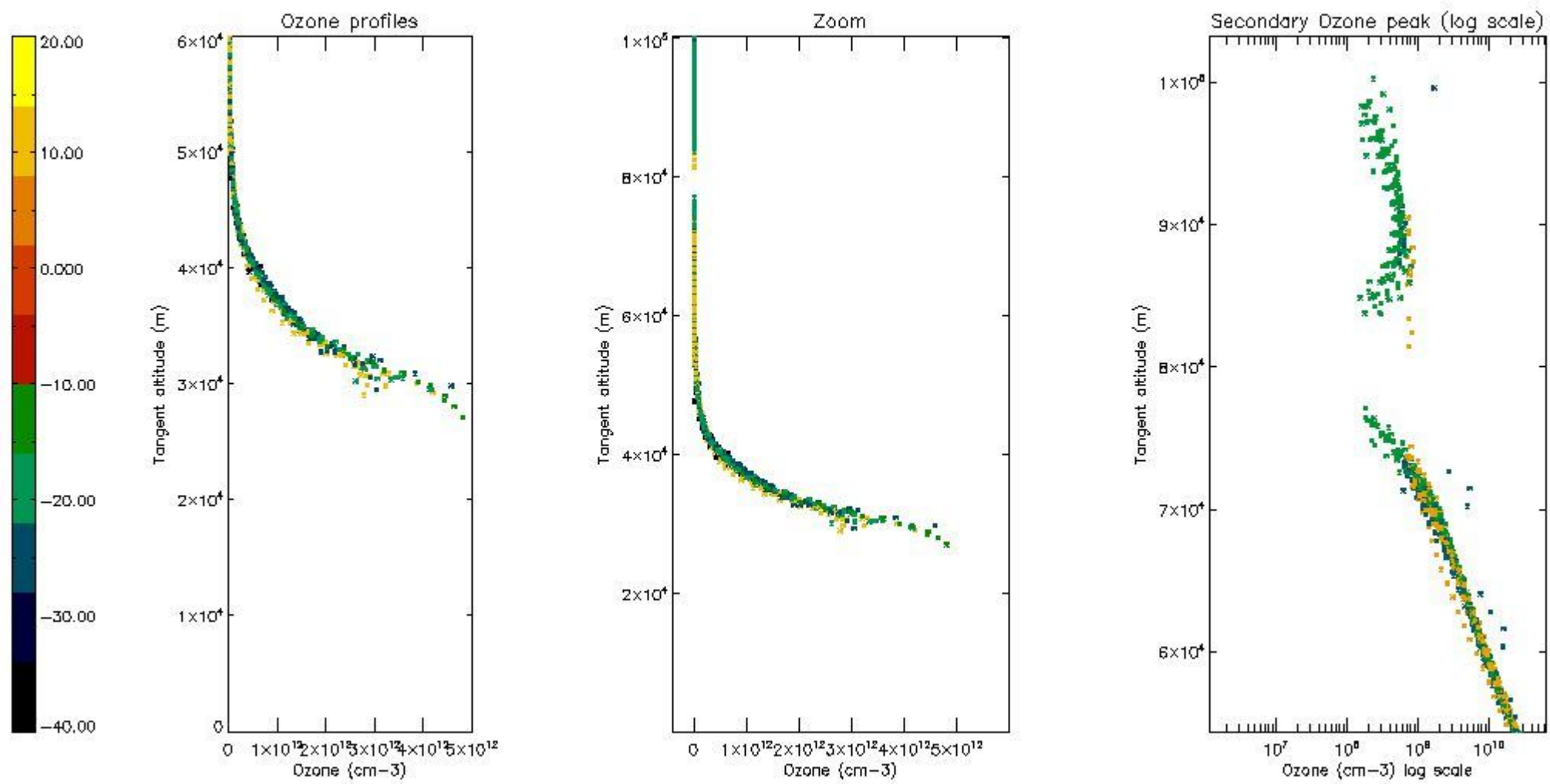
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



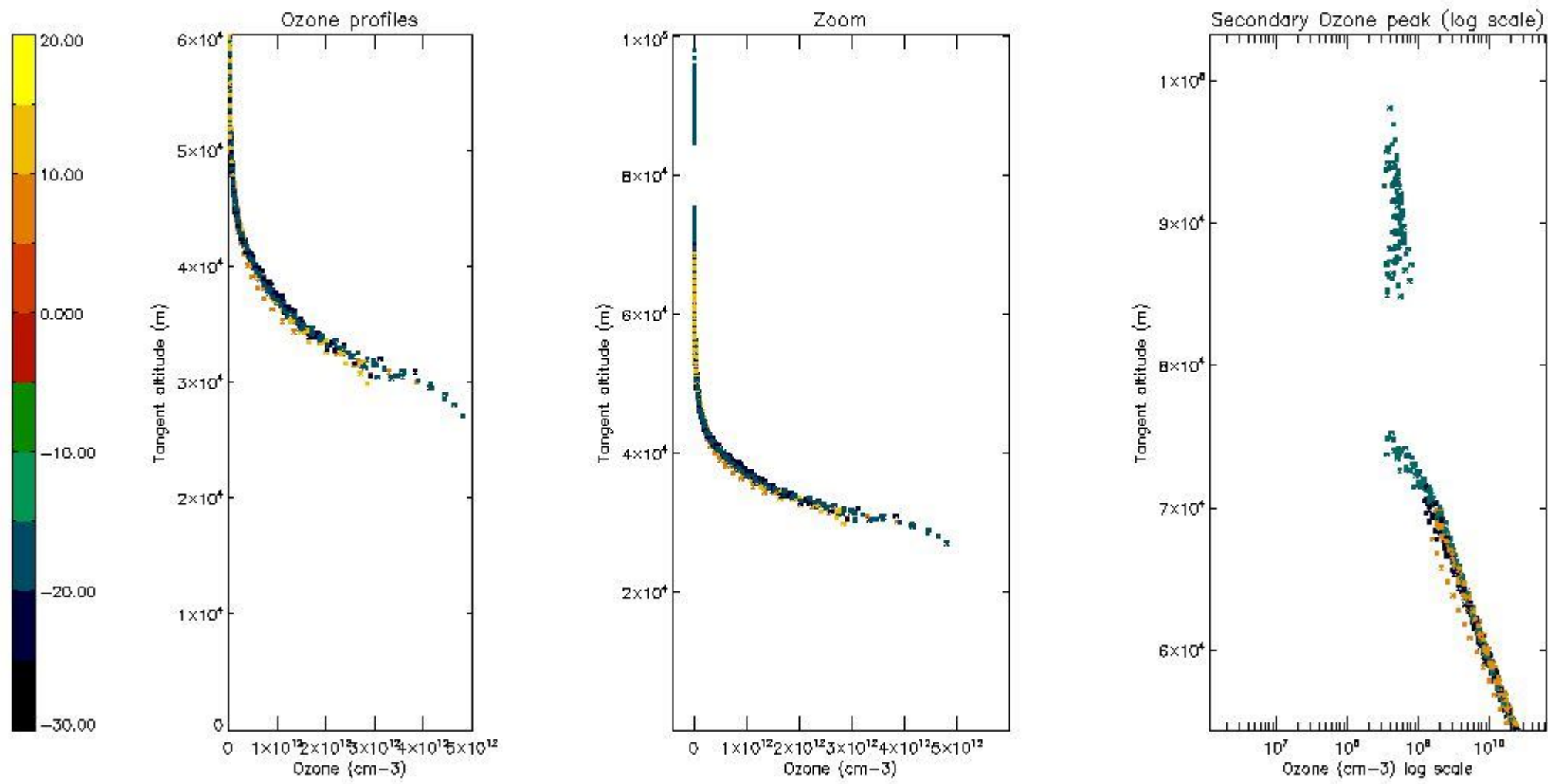
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



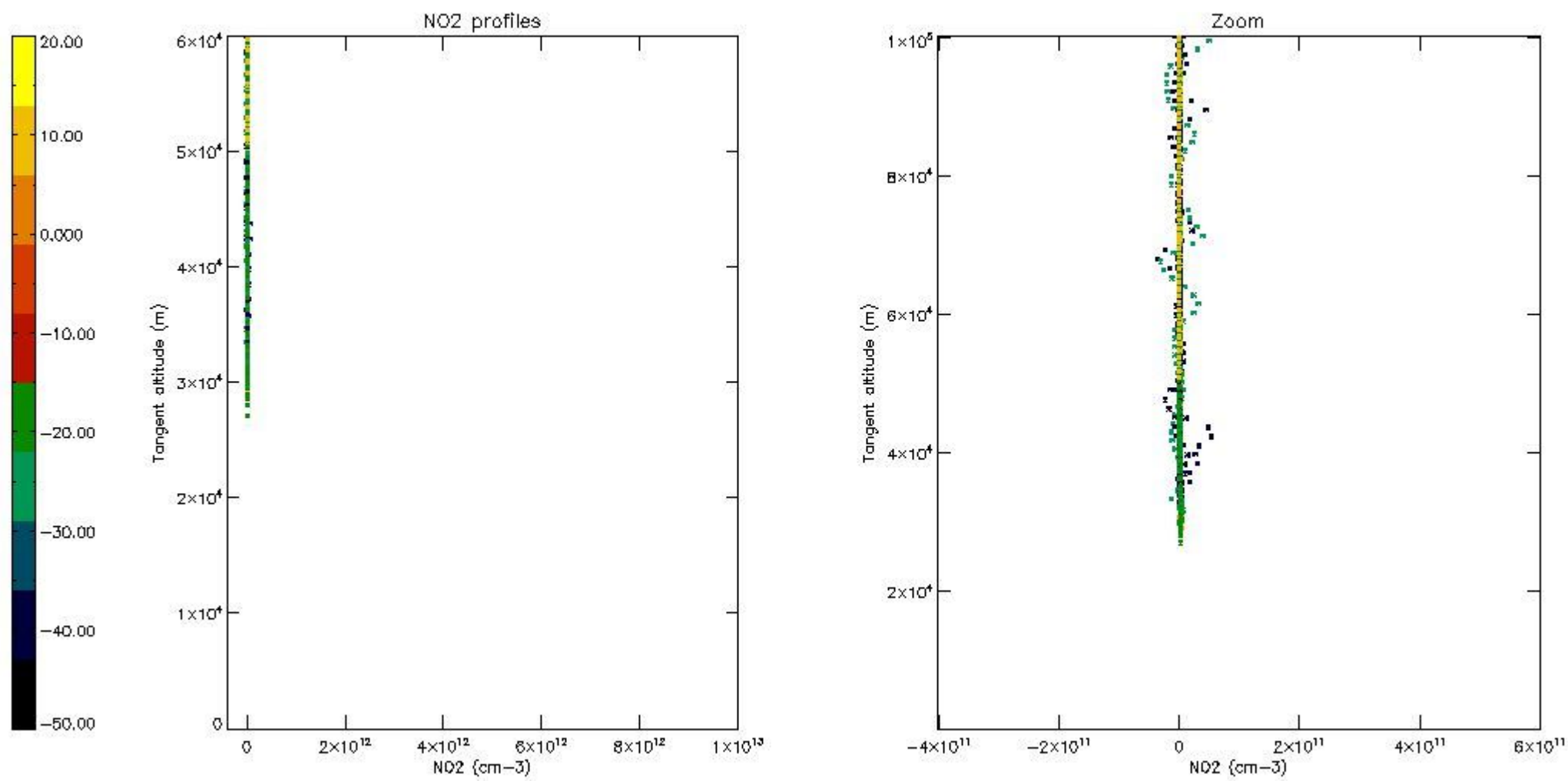
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



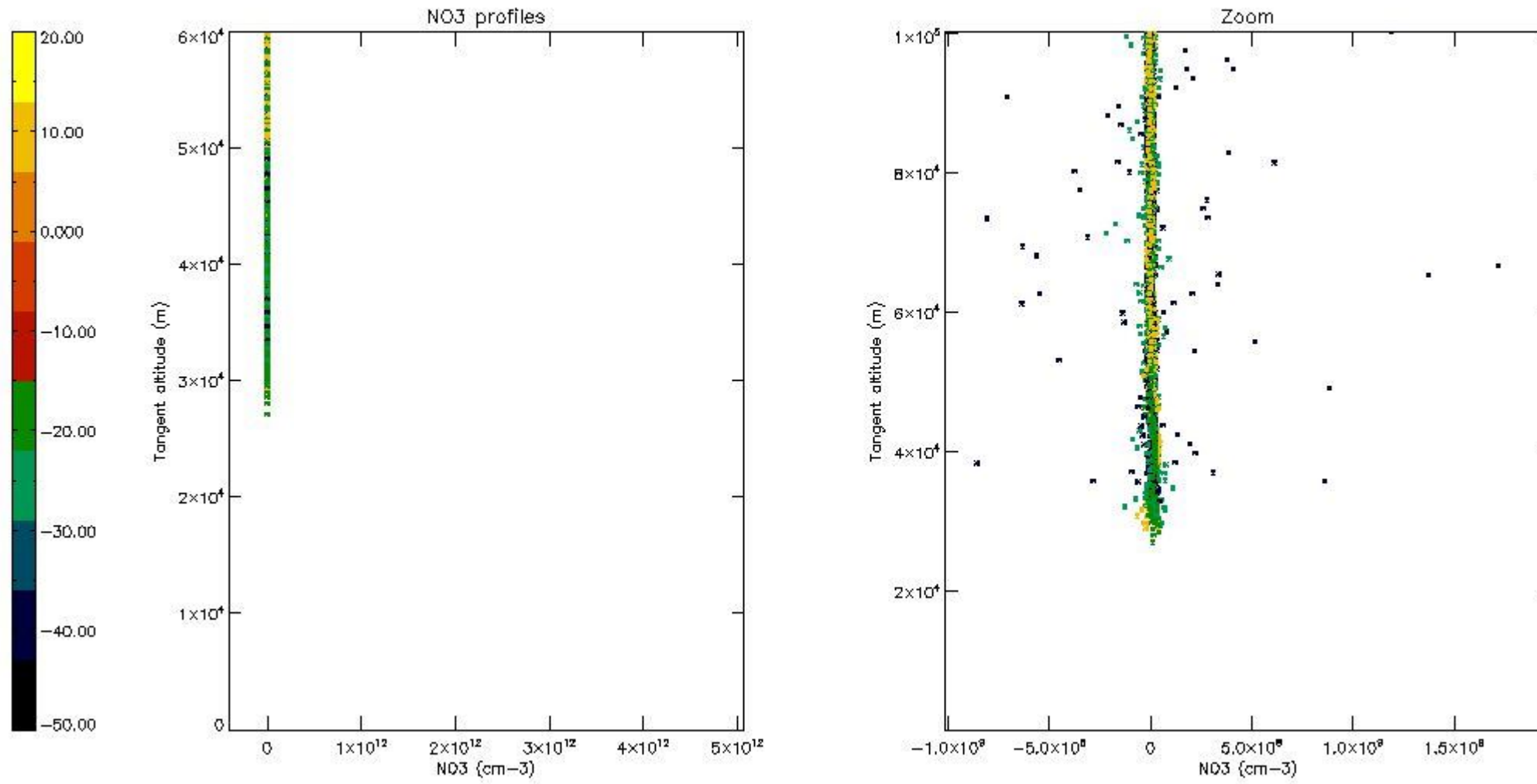
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

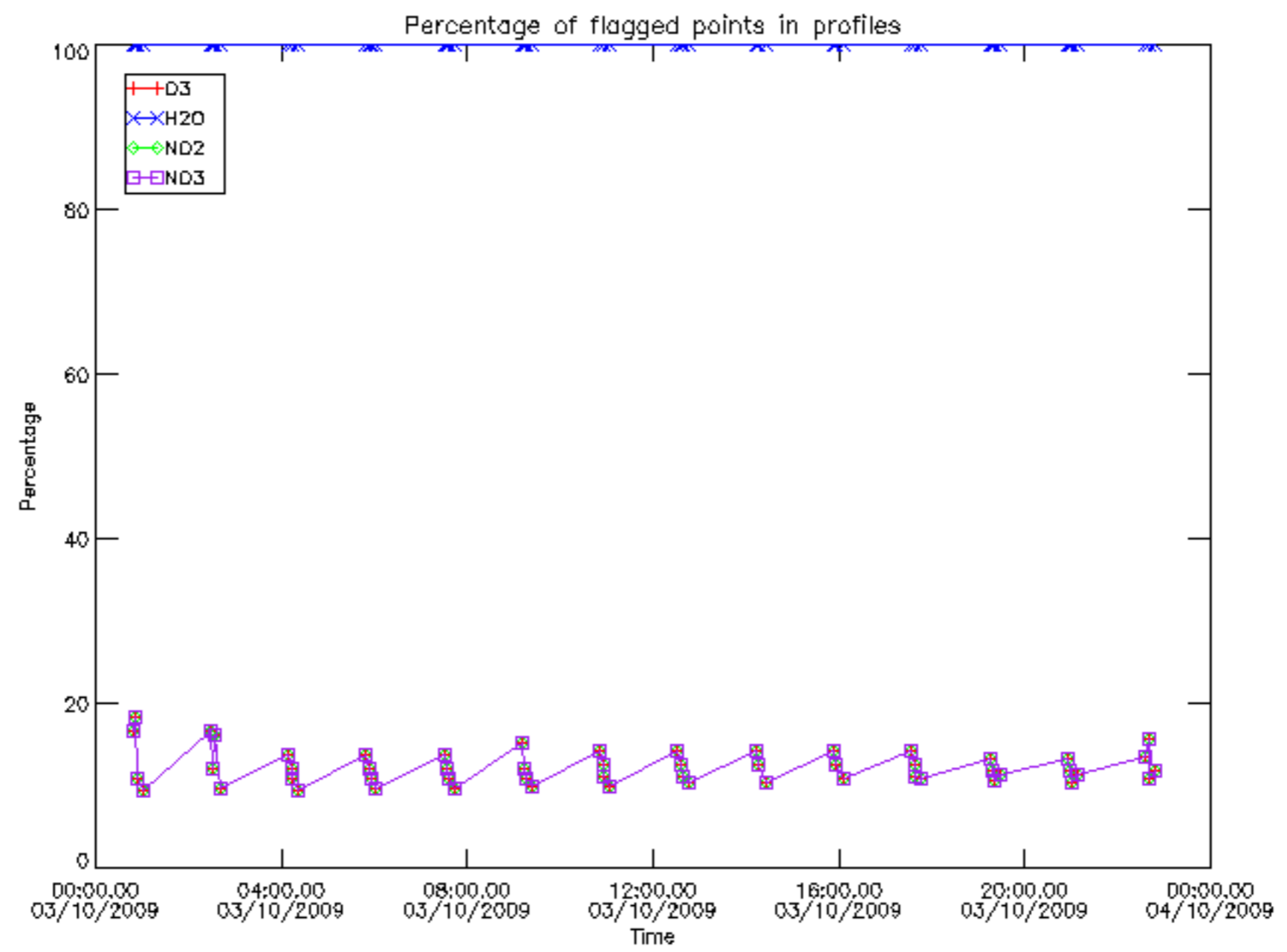


## 6. Auxiliary Data Files used for the production reported in section 2

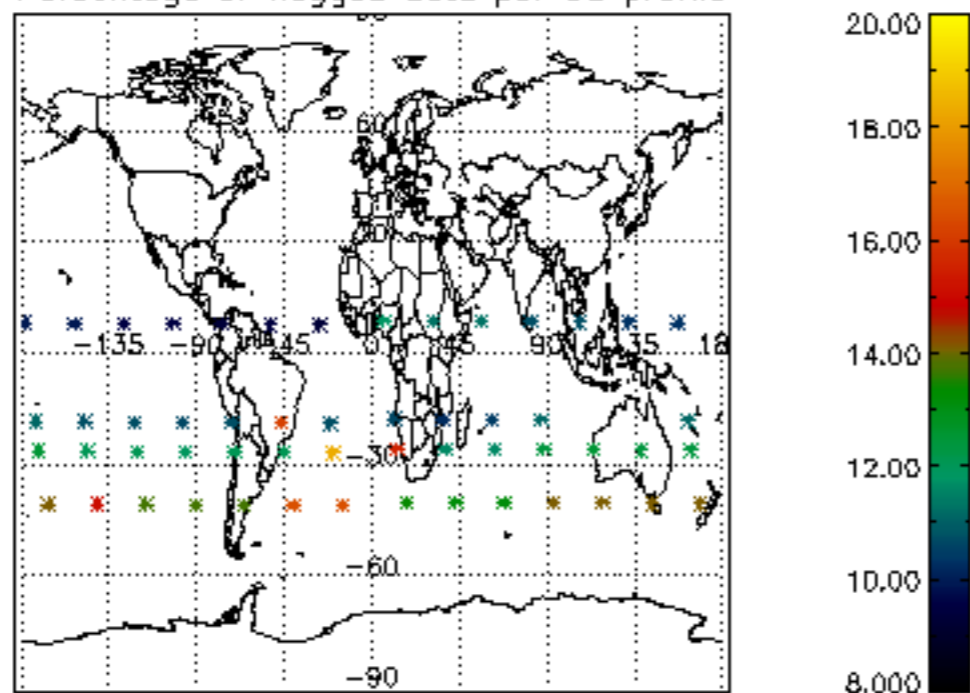
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

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

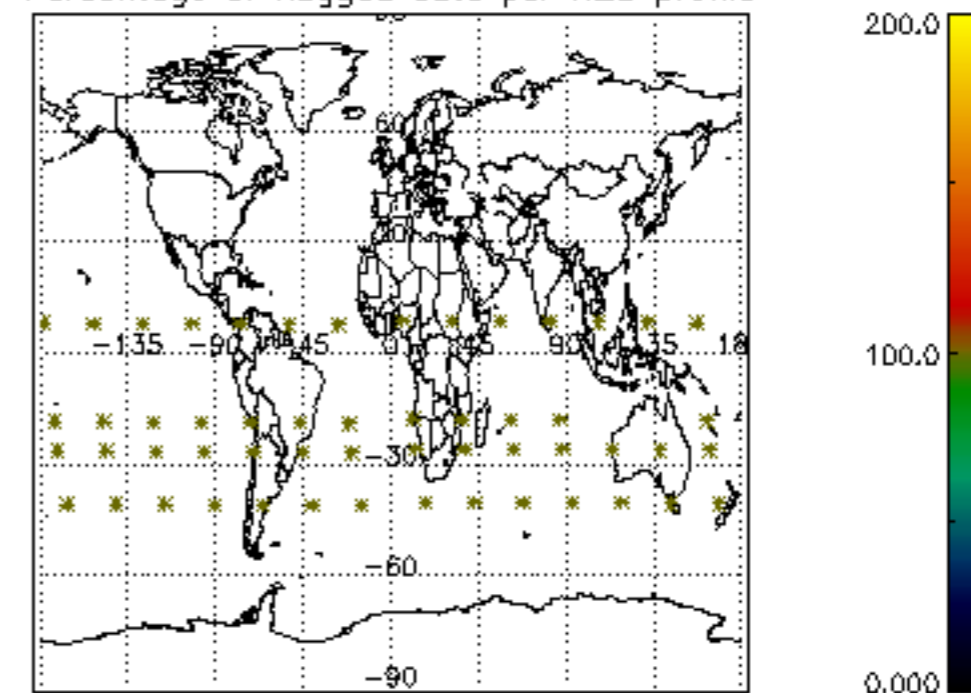




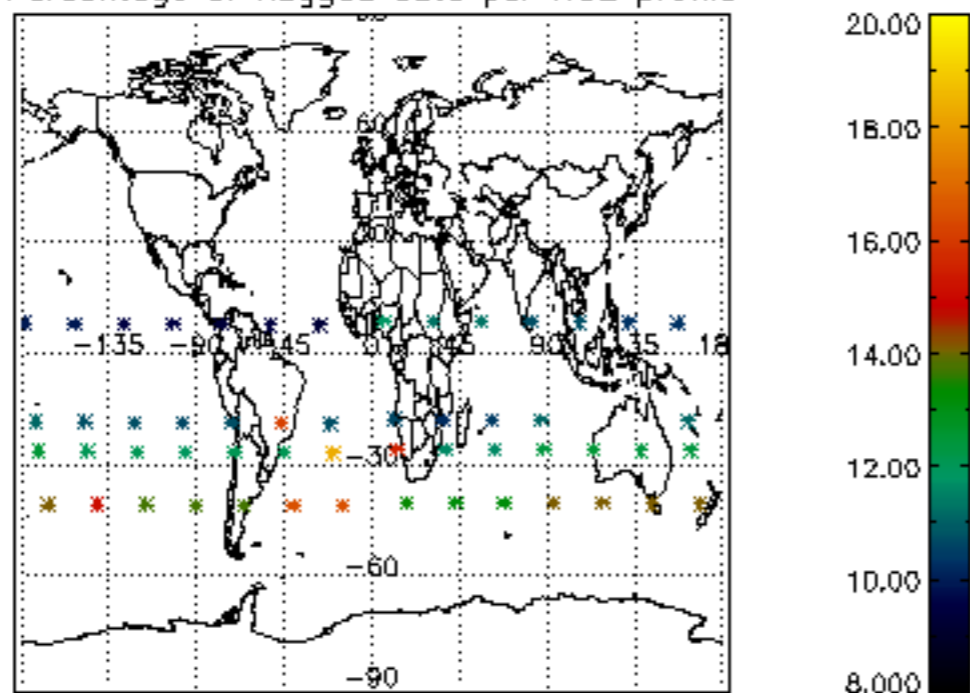
Percentage of flagged data per D3 profile



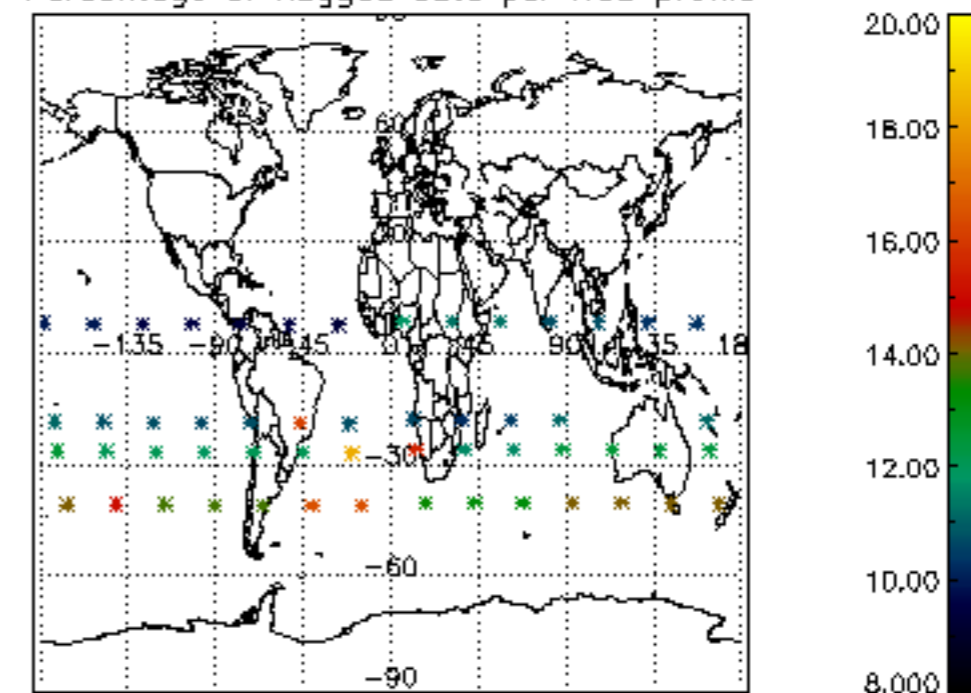
Percentage of flagged data per H2O profile

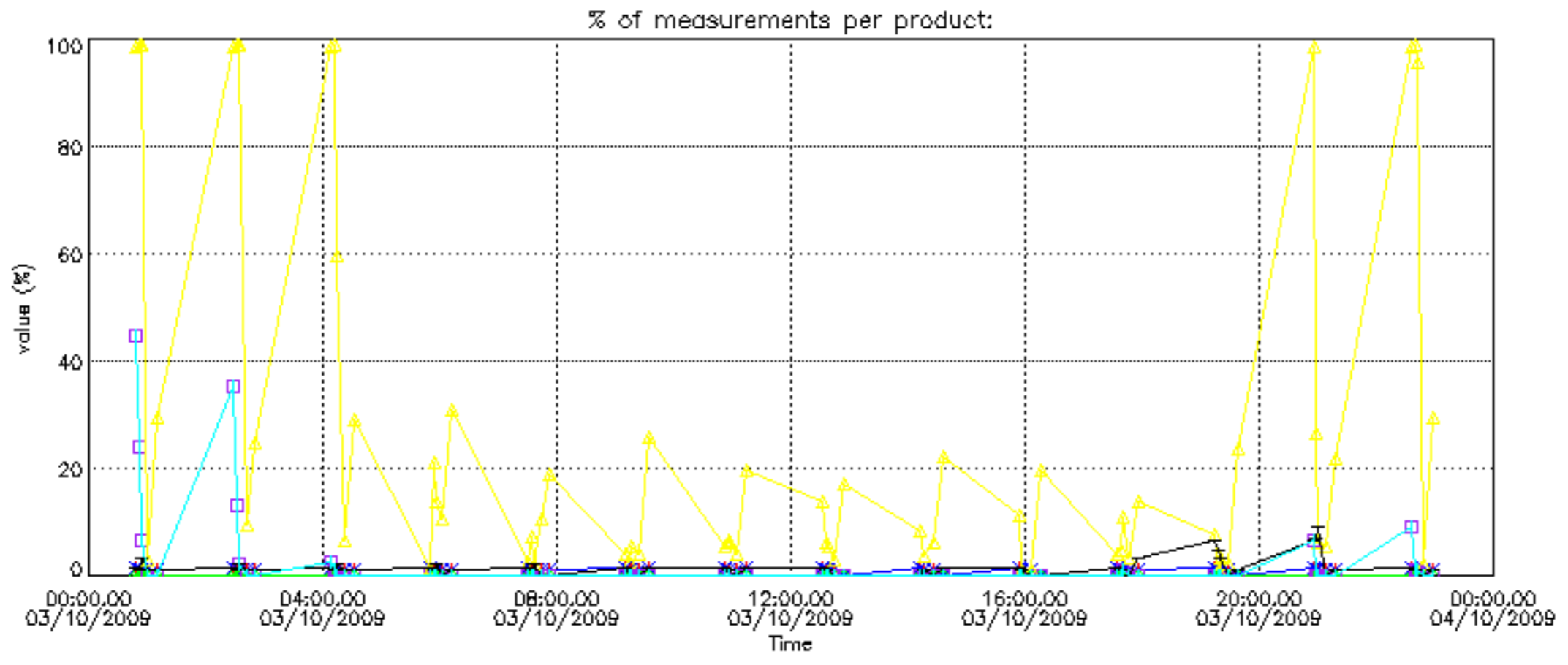


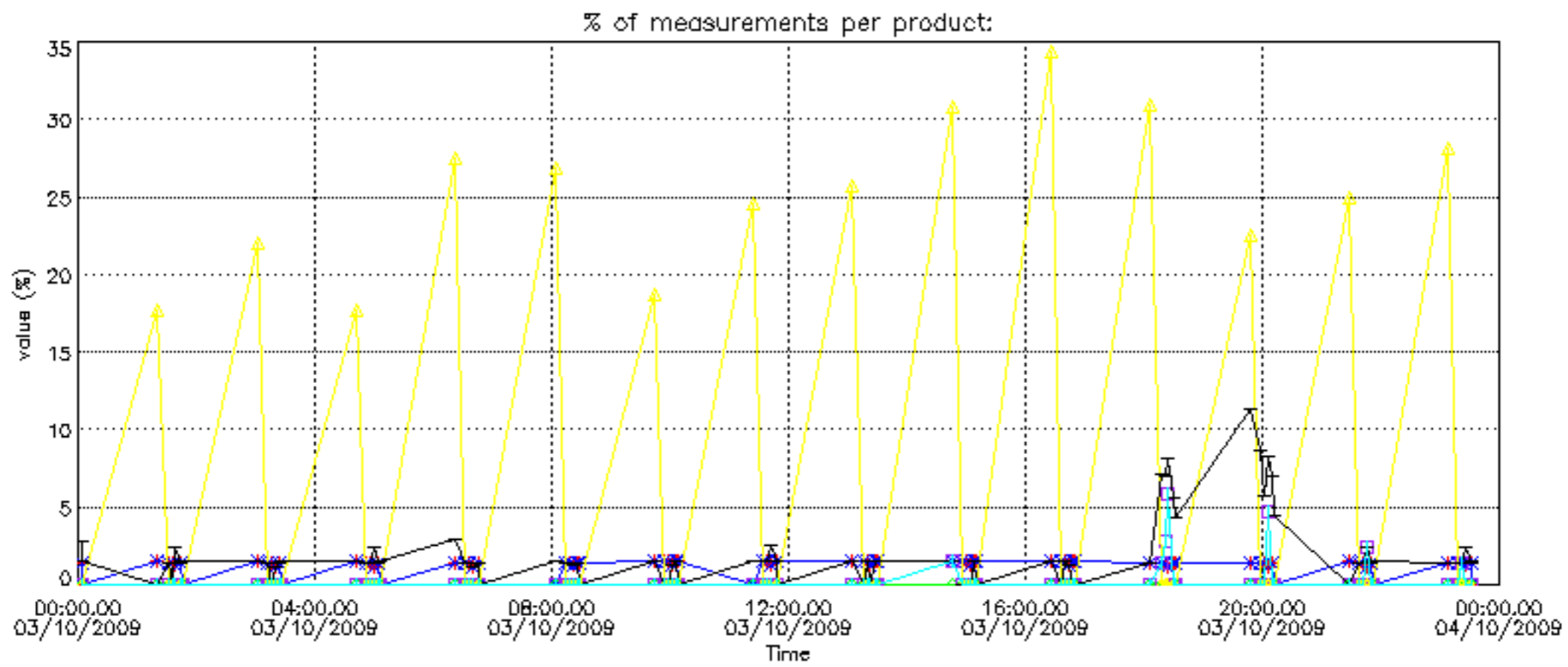
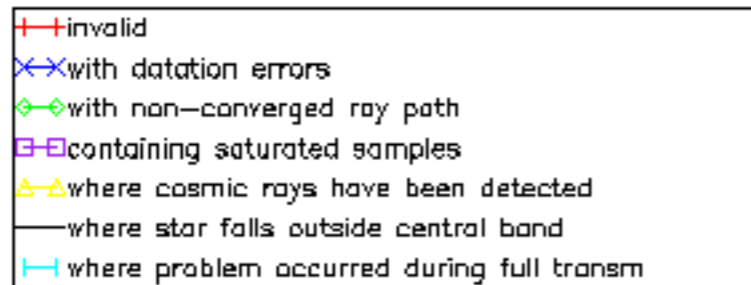
Percentage of flagged data per NO2 profile



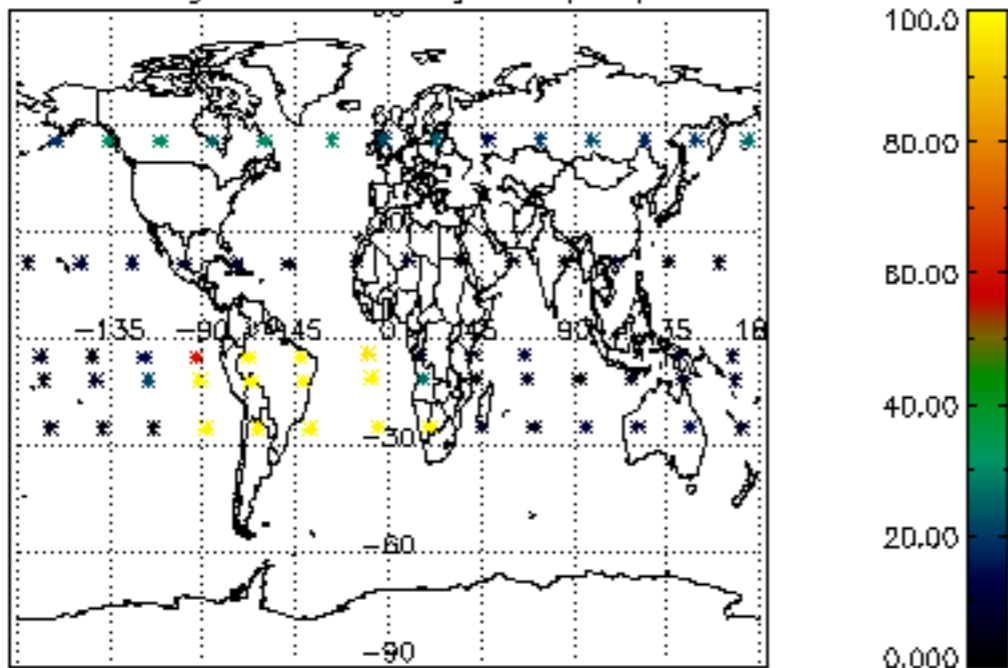
Percentage of flagged data per NO3 profile



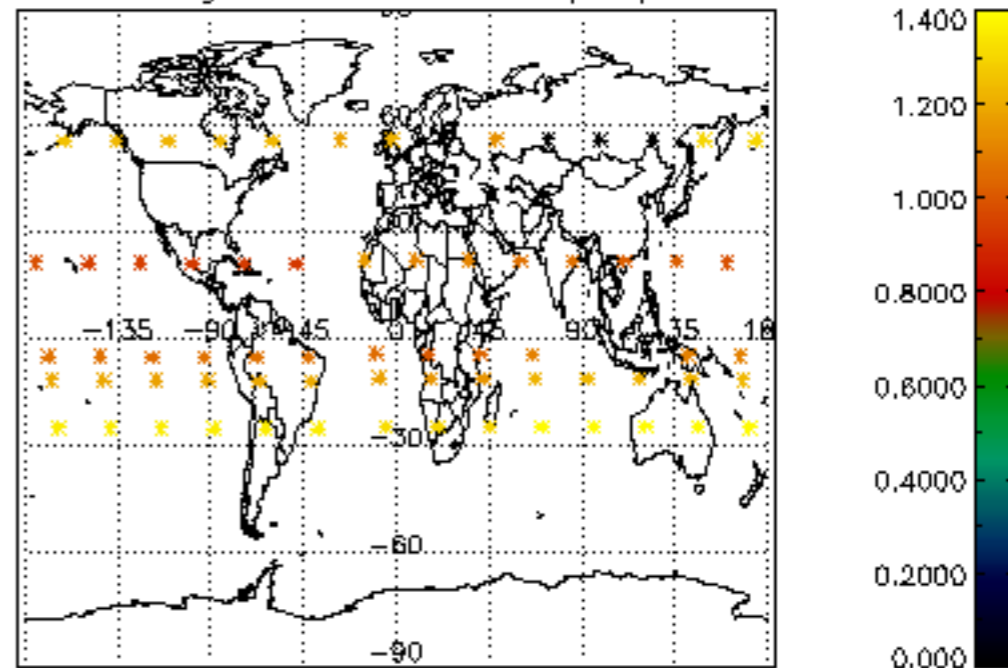




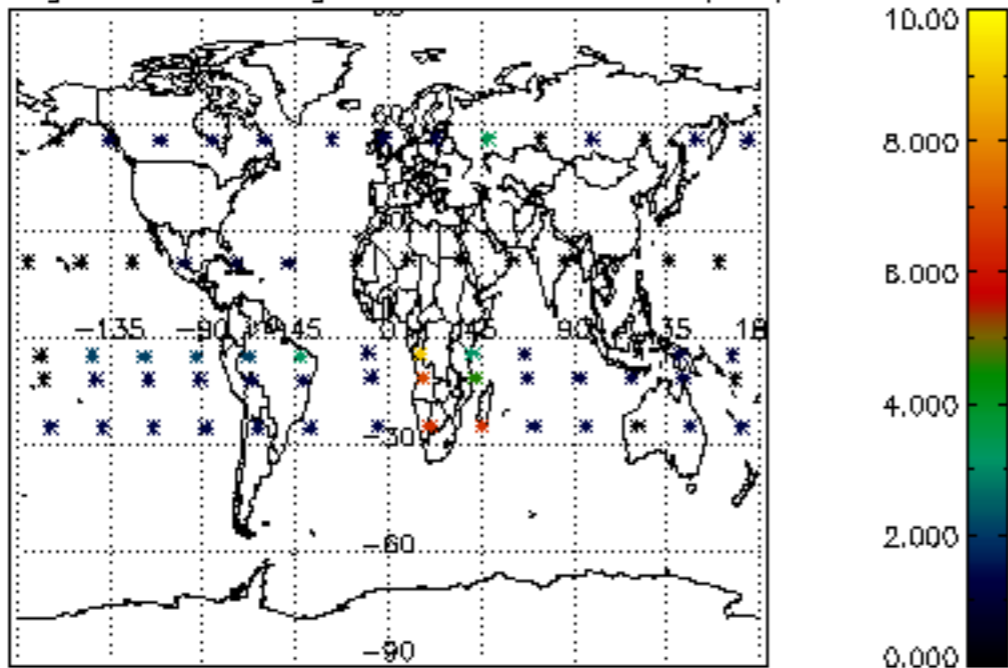
Percentage of cosmic ray hits per profile



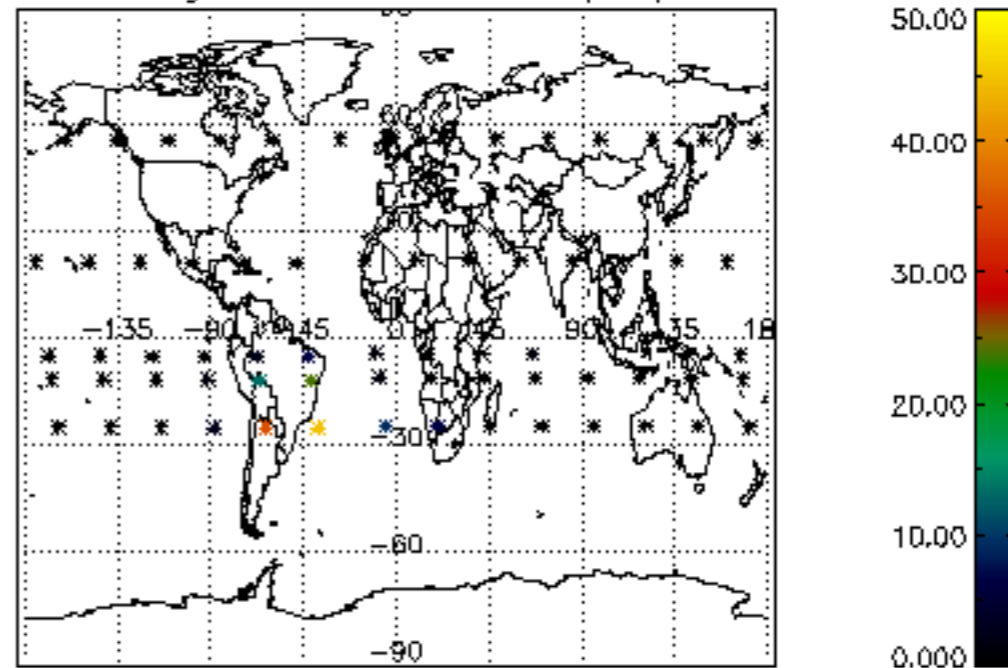
Percentage of datation errors per profile



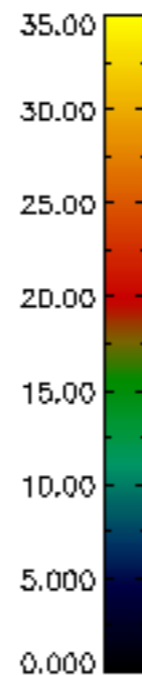
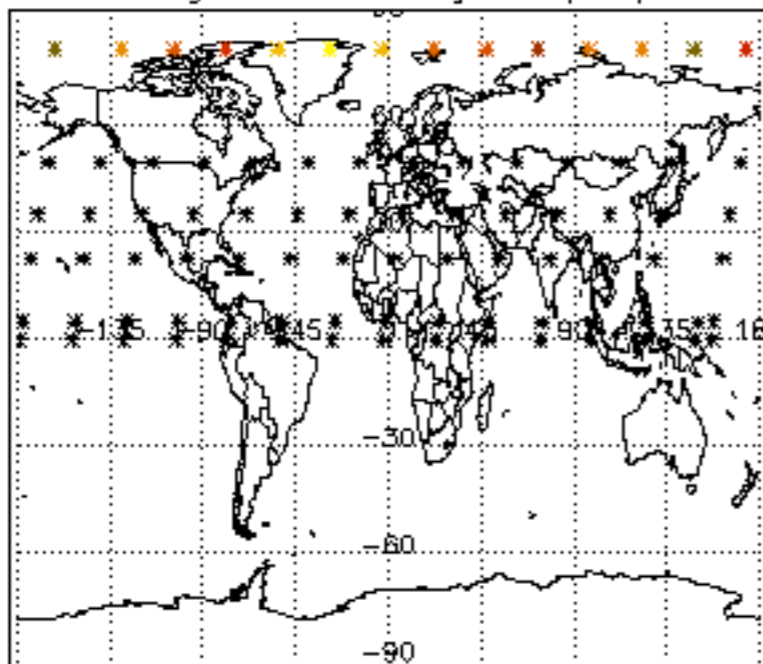
Percentage of star falling outside central band per profile



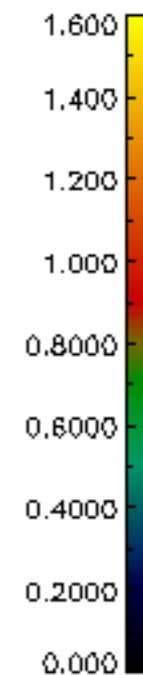
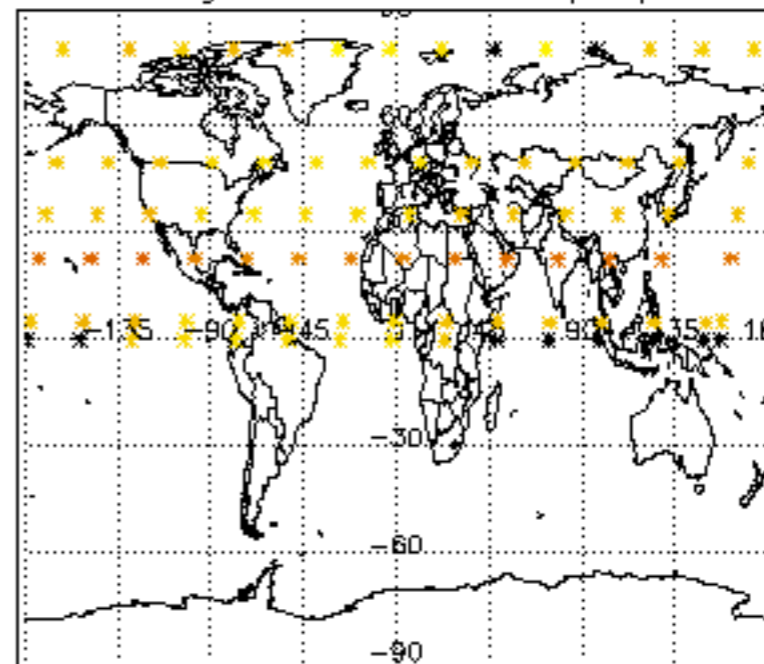
Percentage of saturation errors per profile



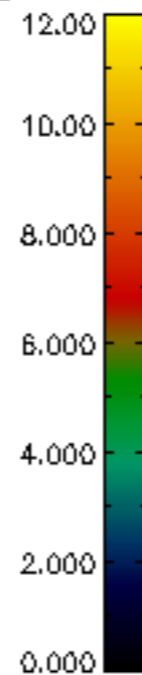
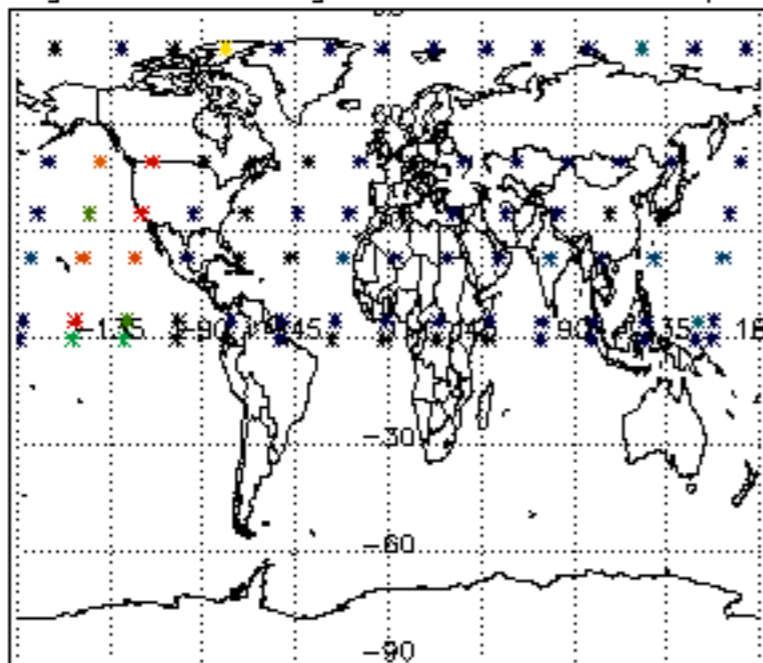
Percentage of cosmic ray hits per profile



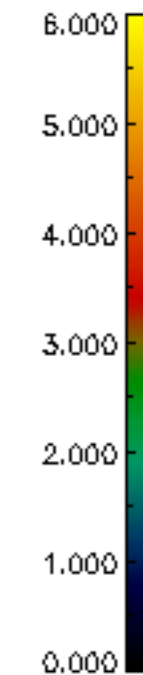
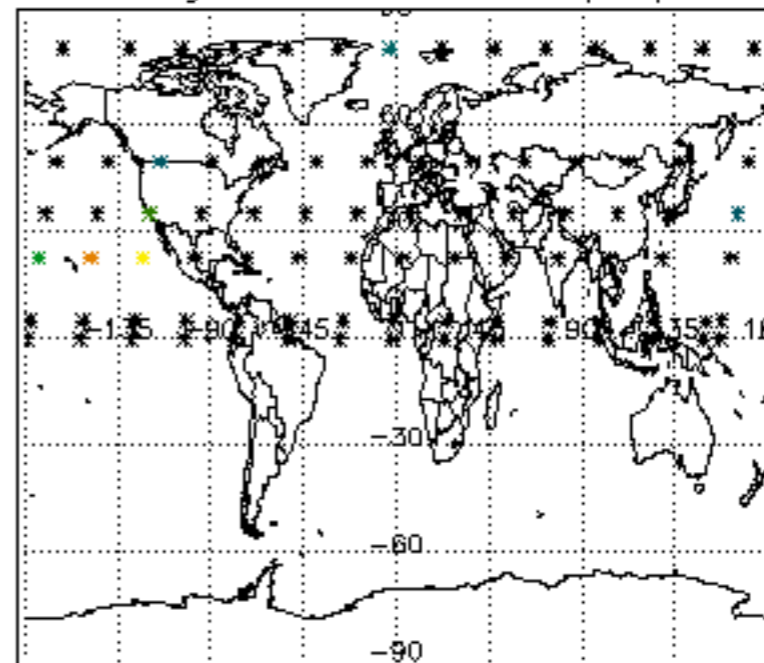
Percentage of datation errors per profile

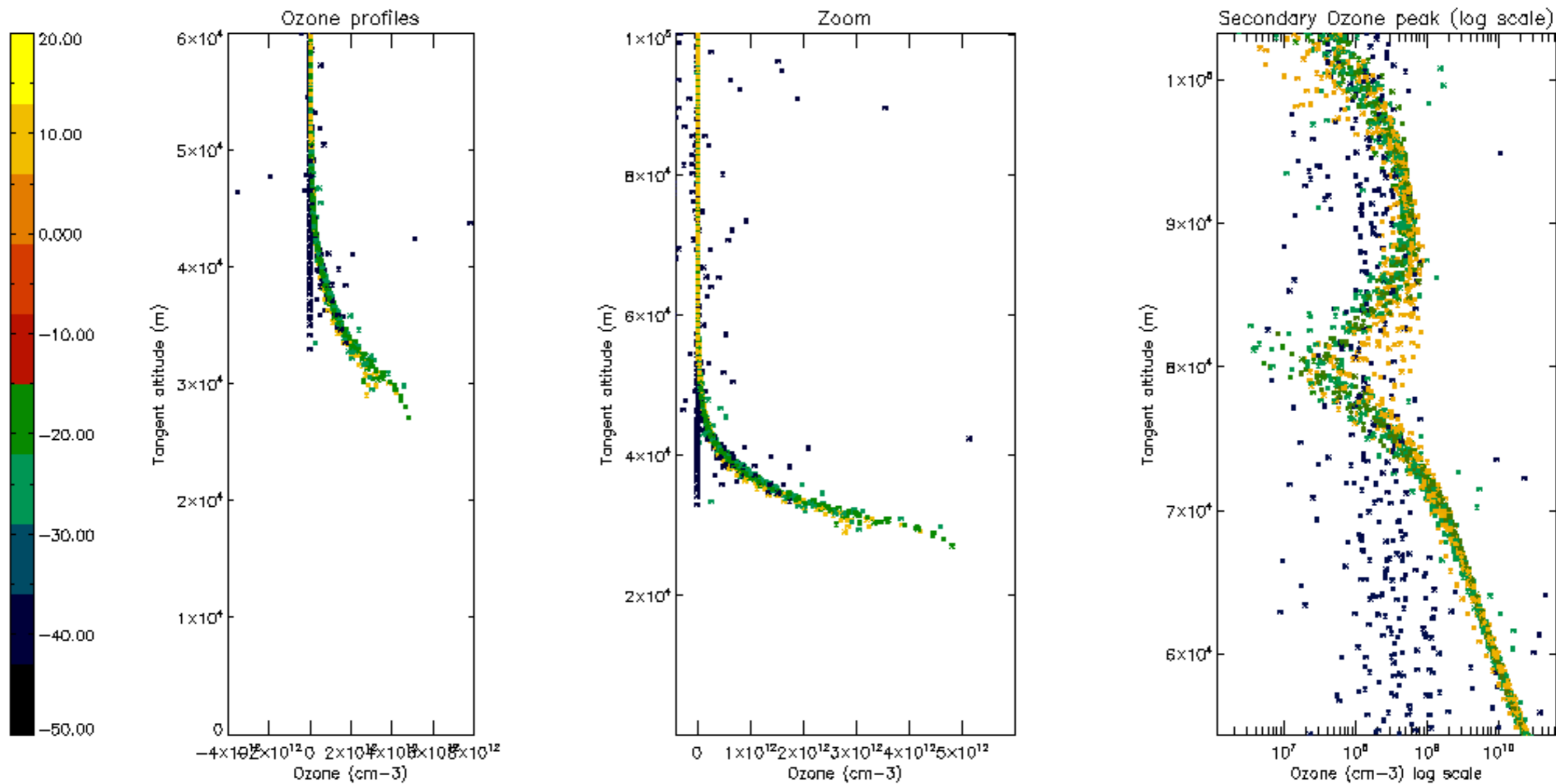


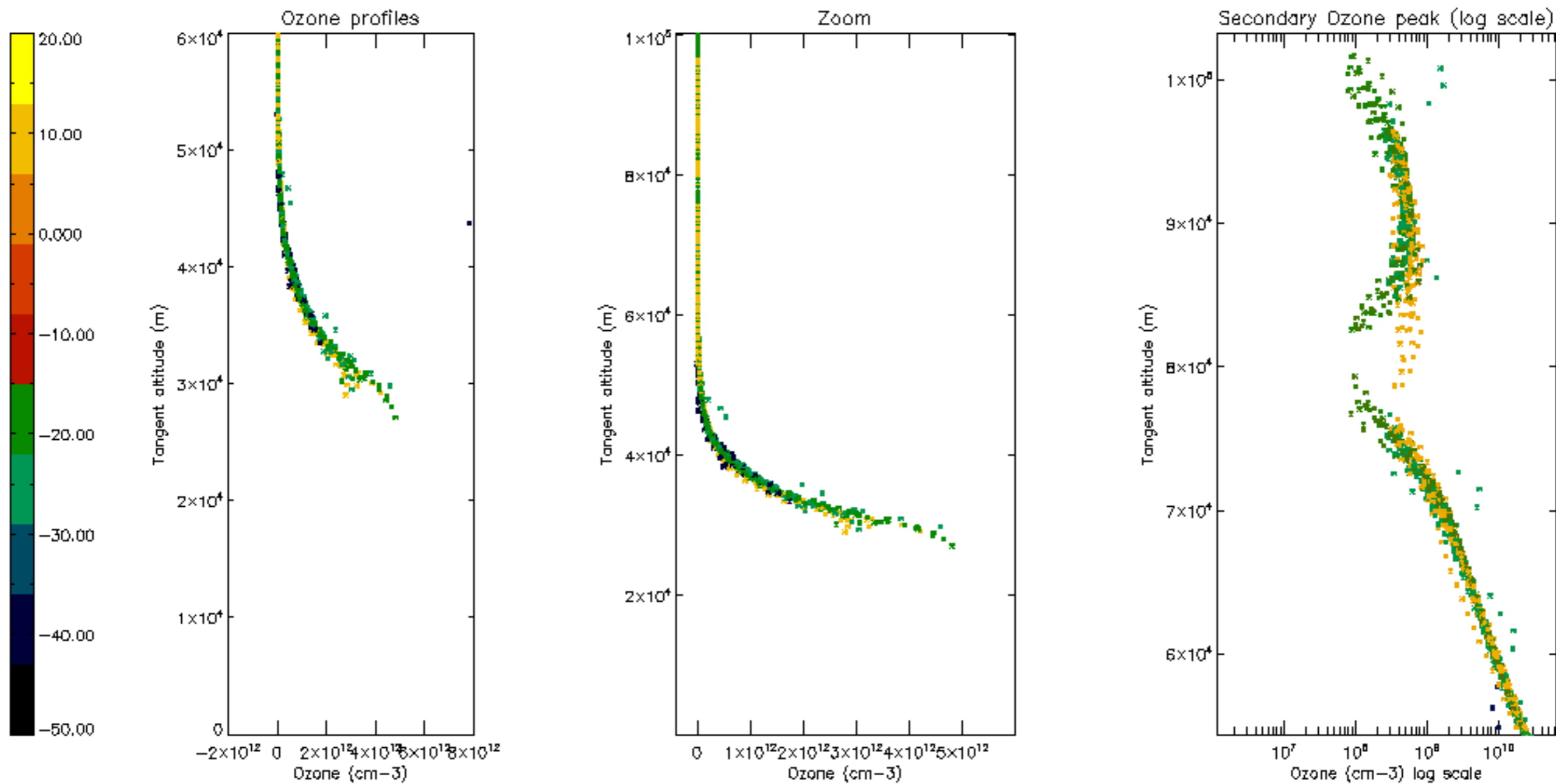
Percentage of star falling outside central band per profile



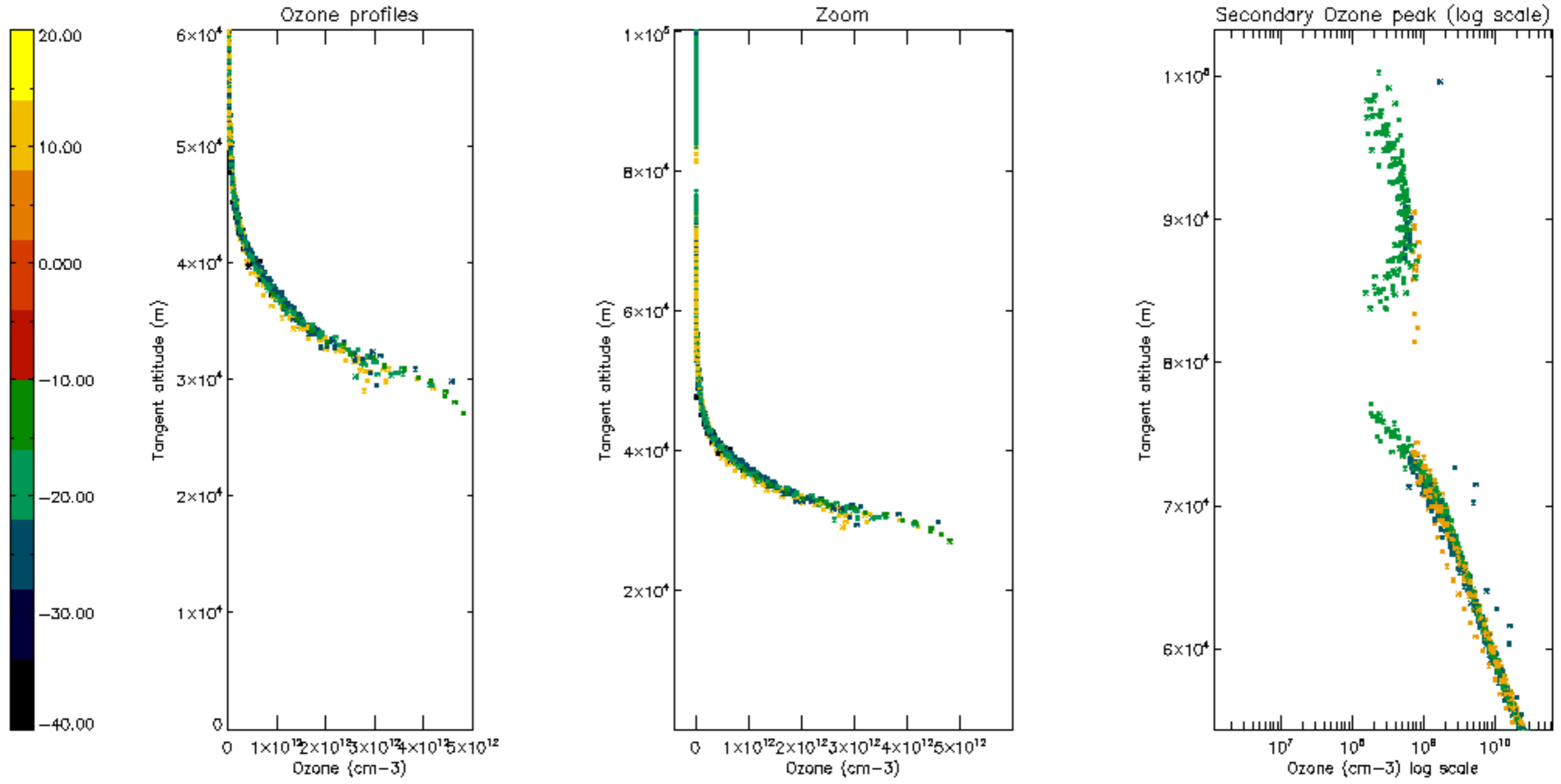
Percentage of saturation errors per profile

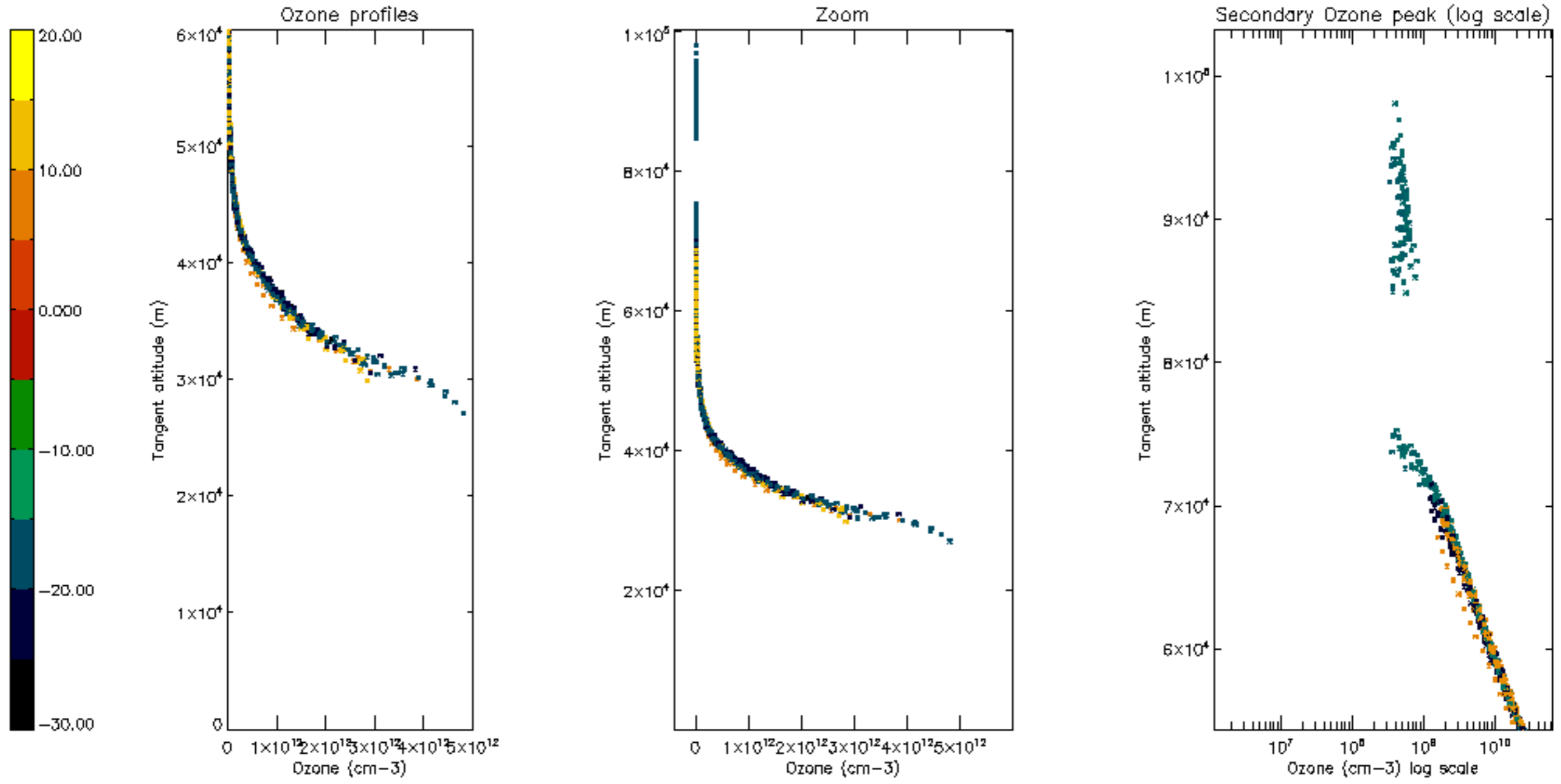


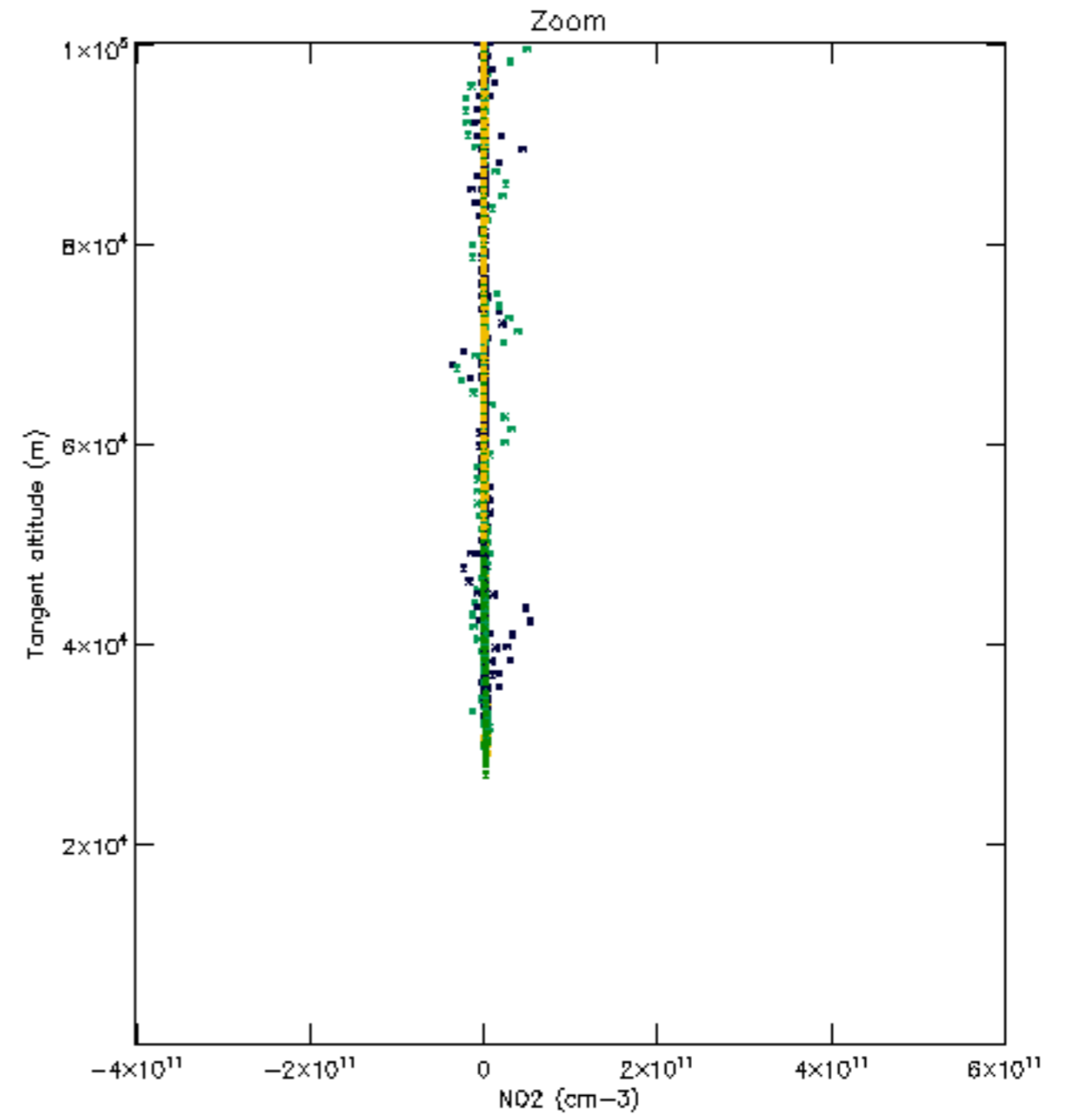
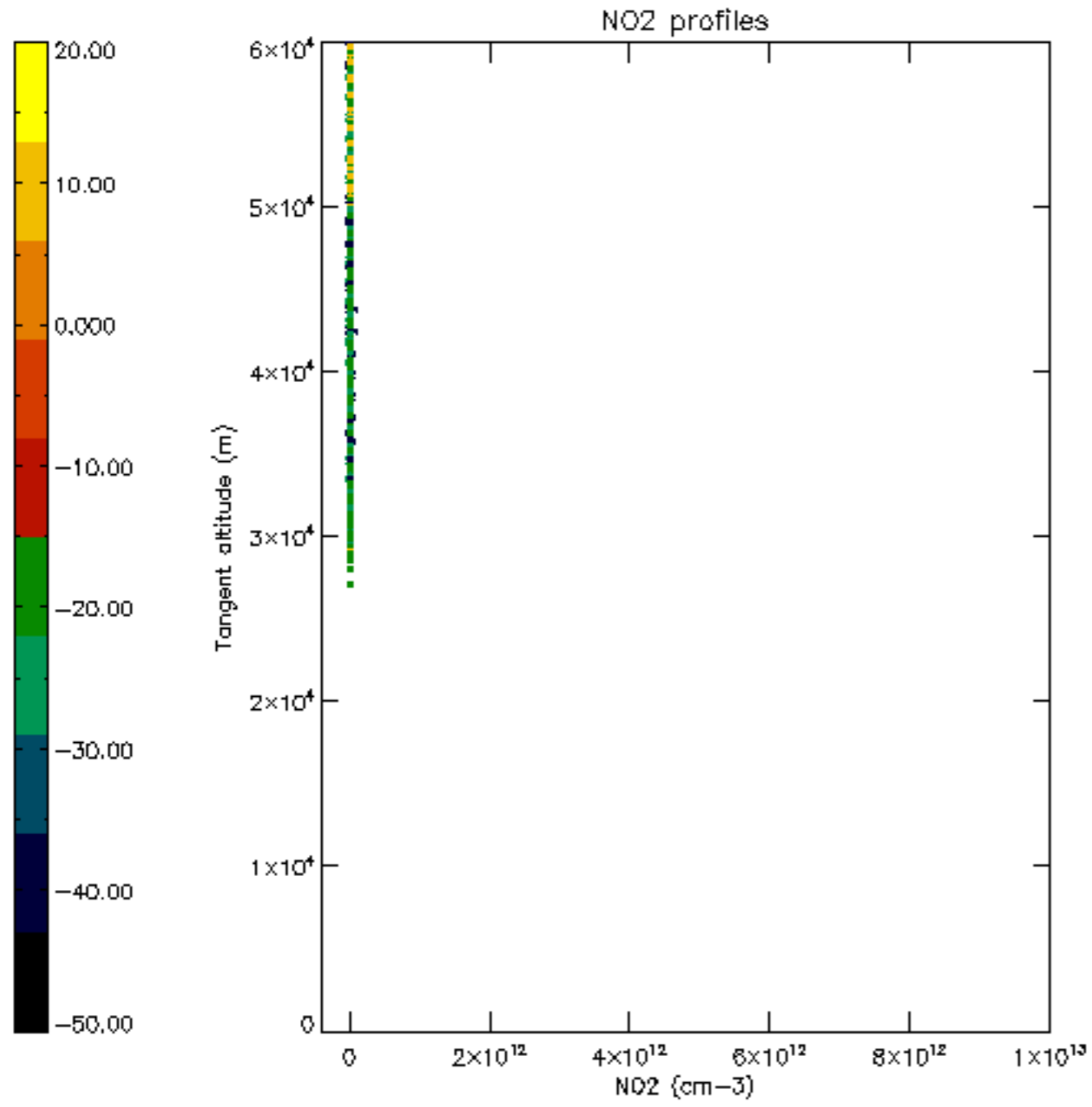


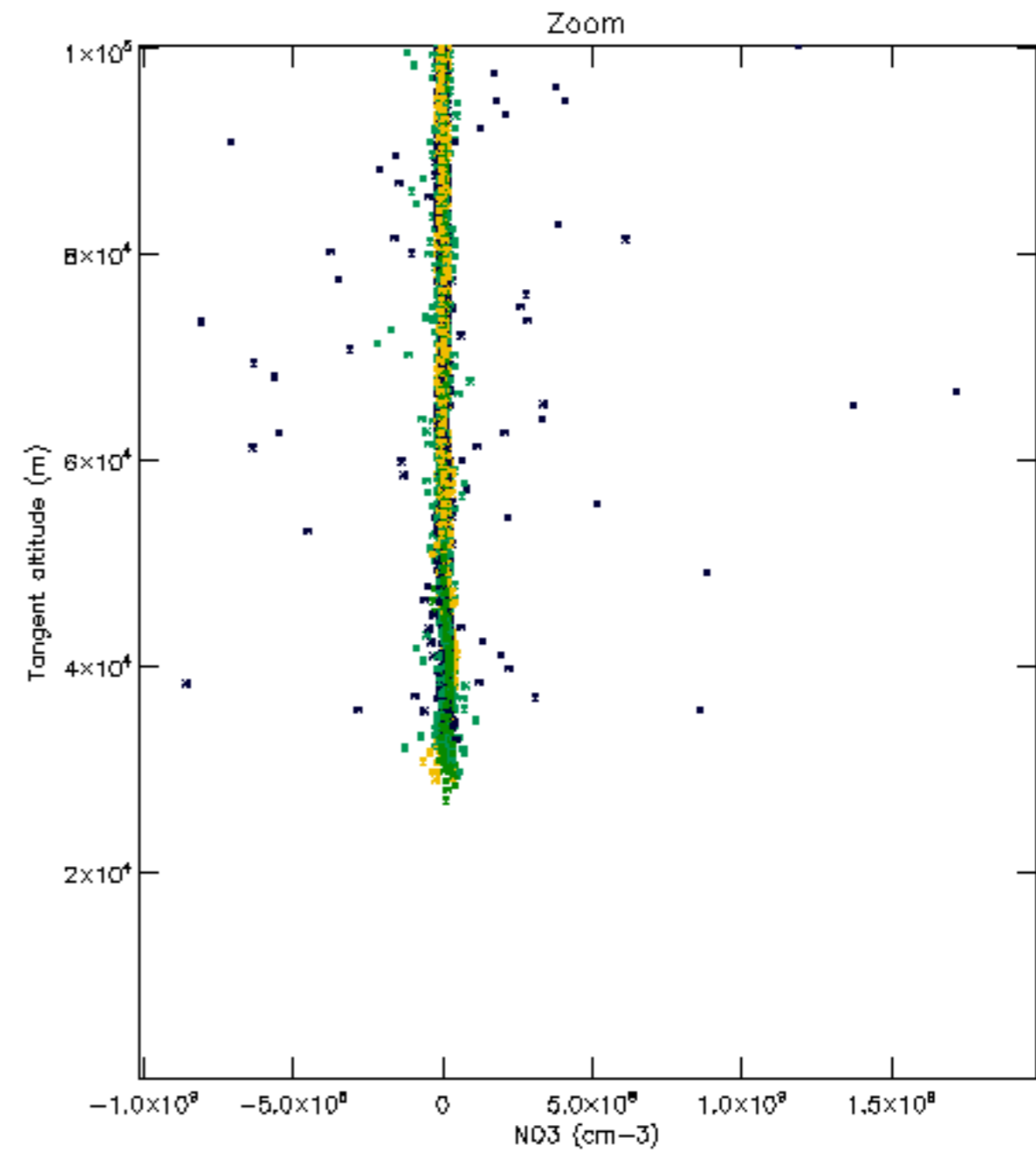
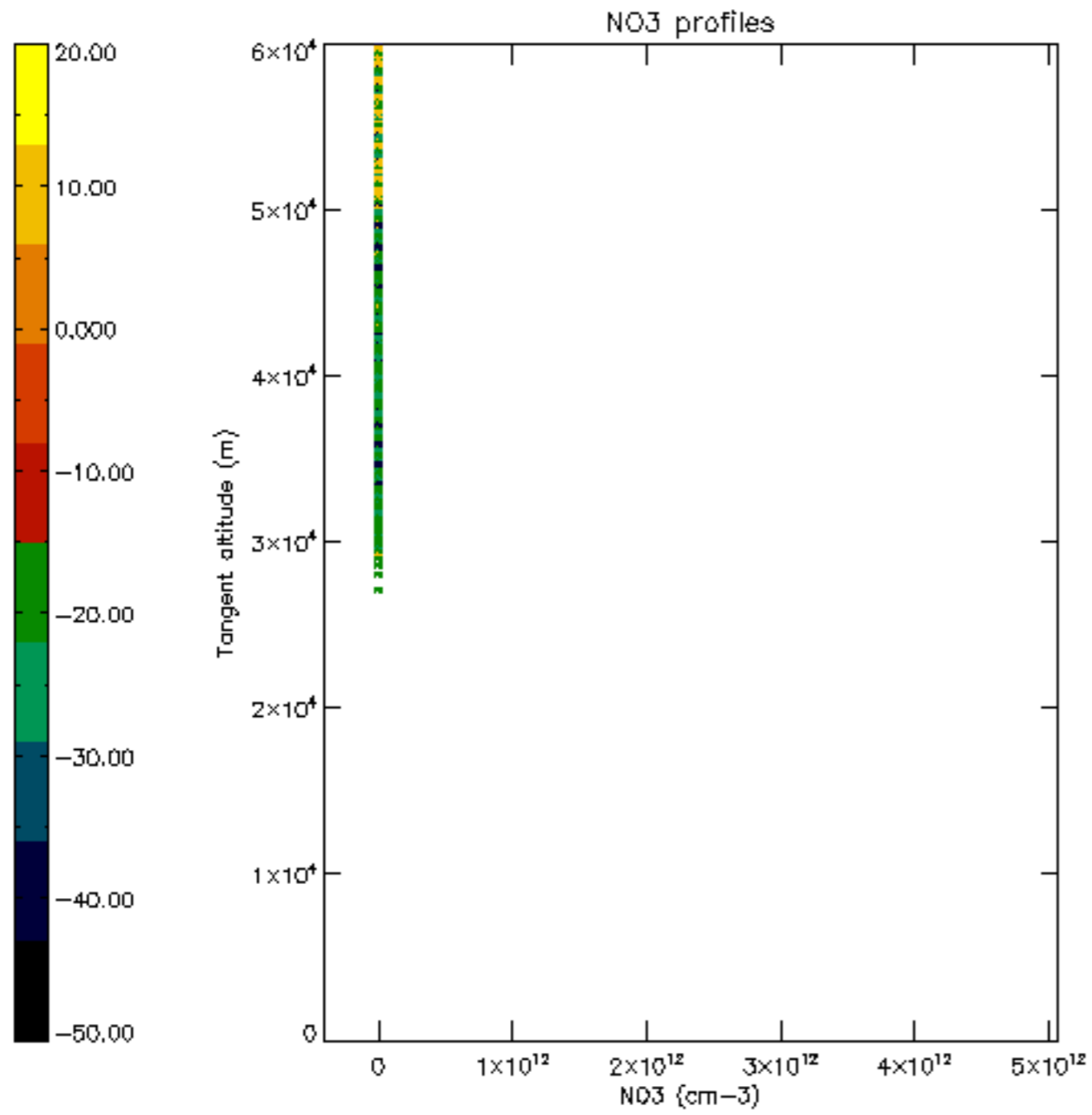


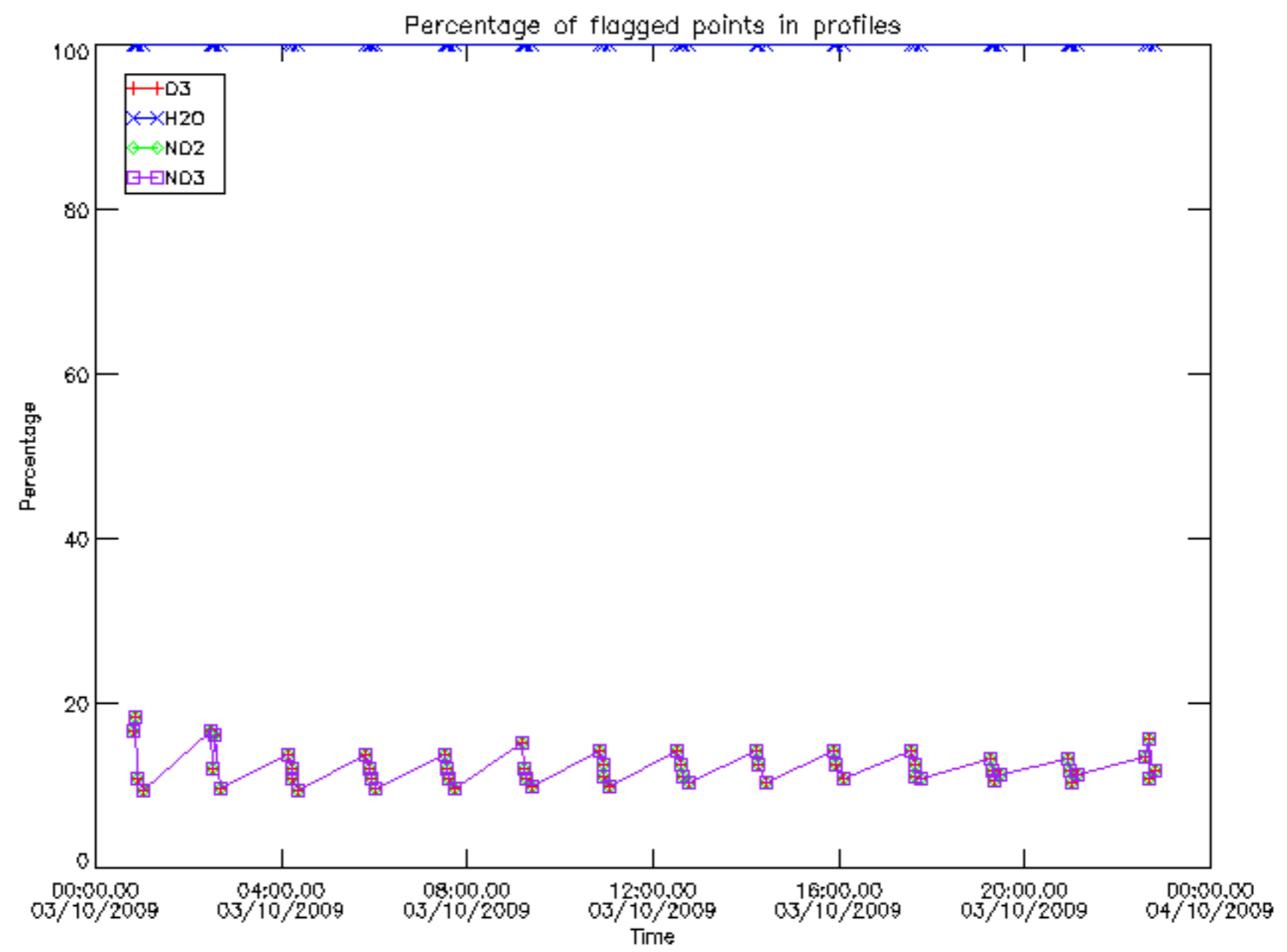




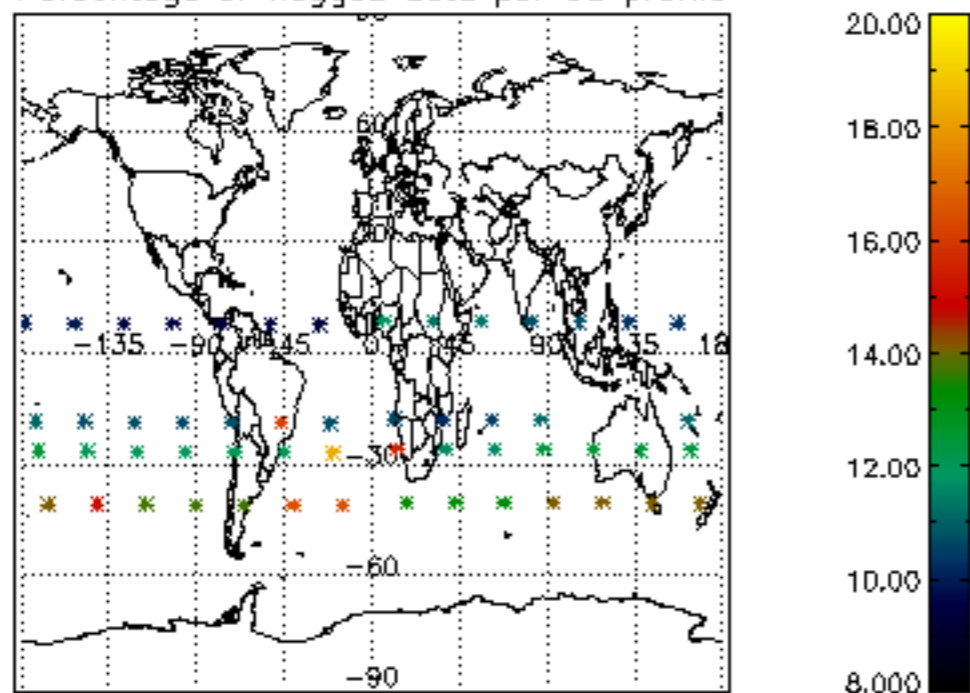




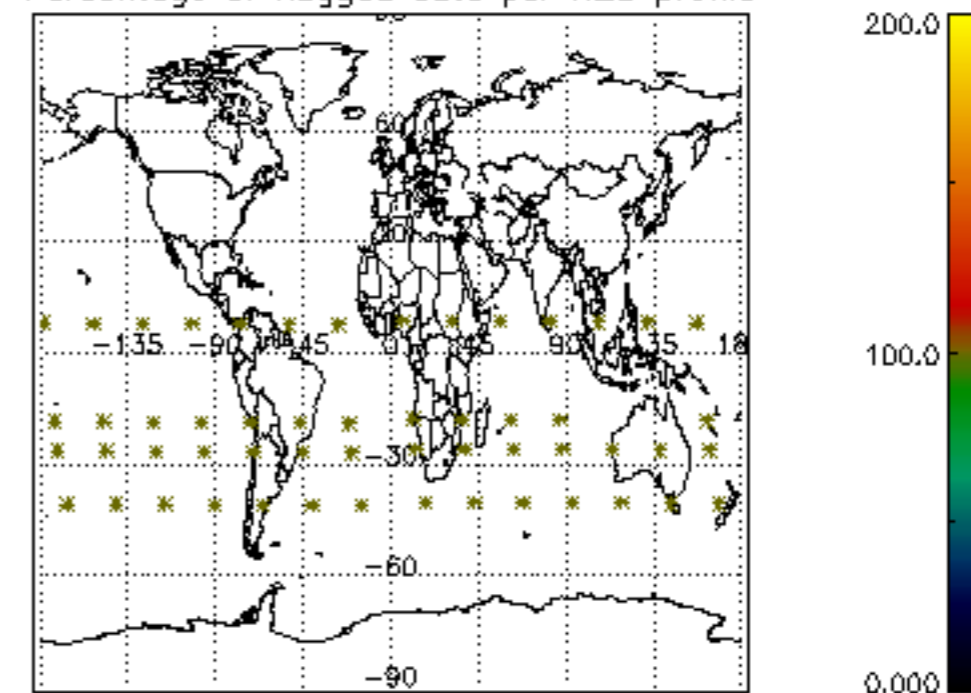




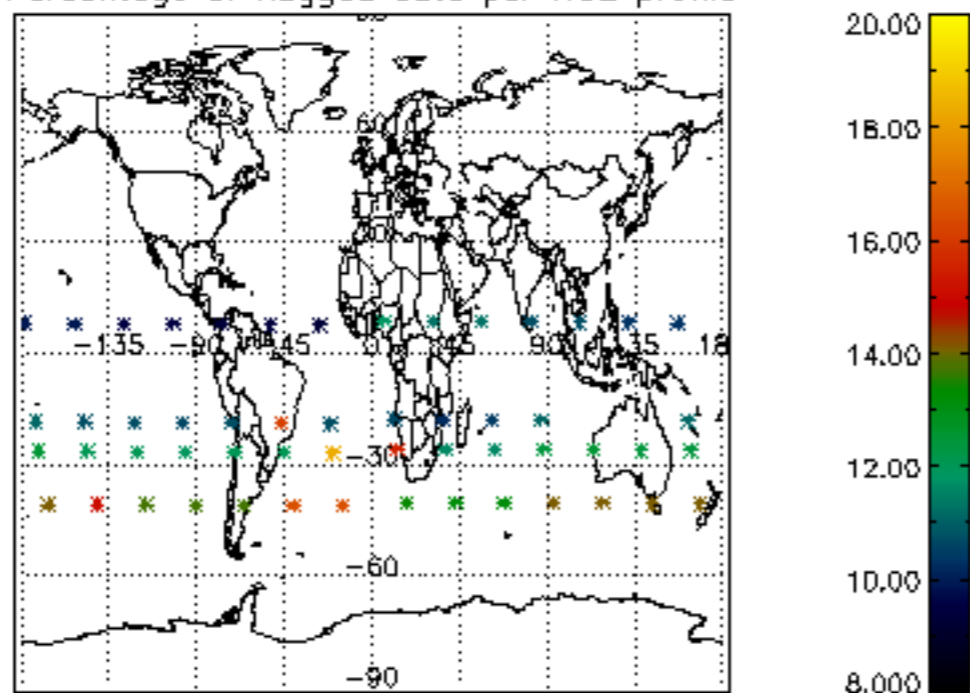
Percentage of flagged data per D3 profile



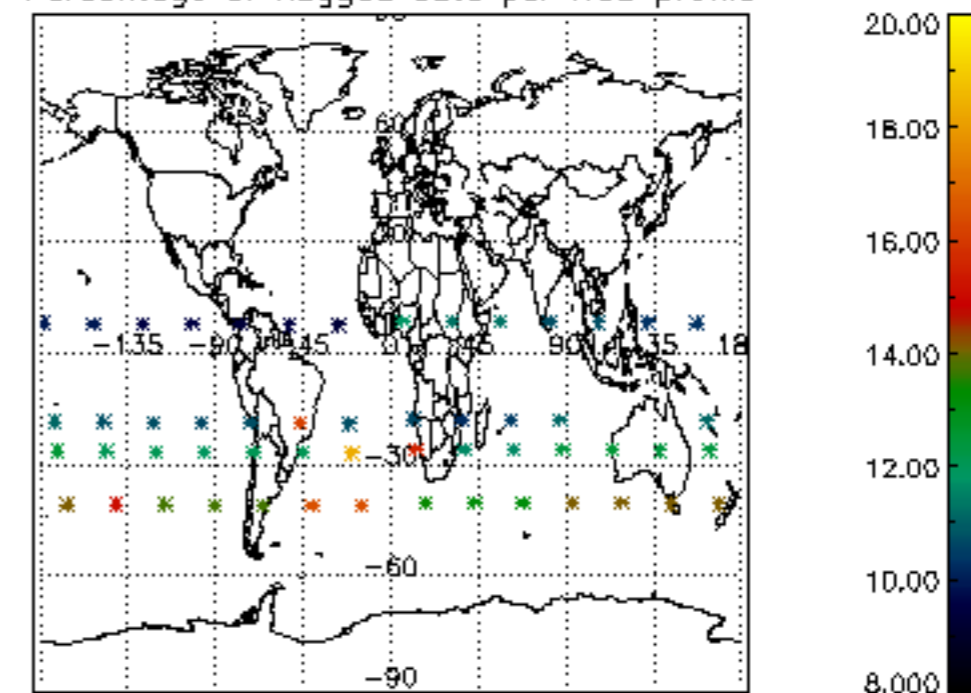
Percentage of flagged data per H2O profile

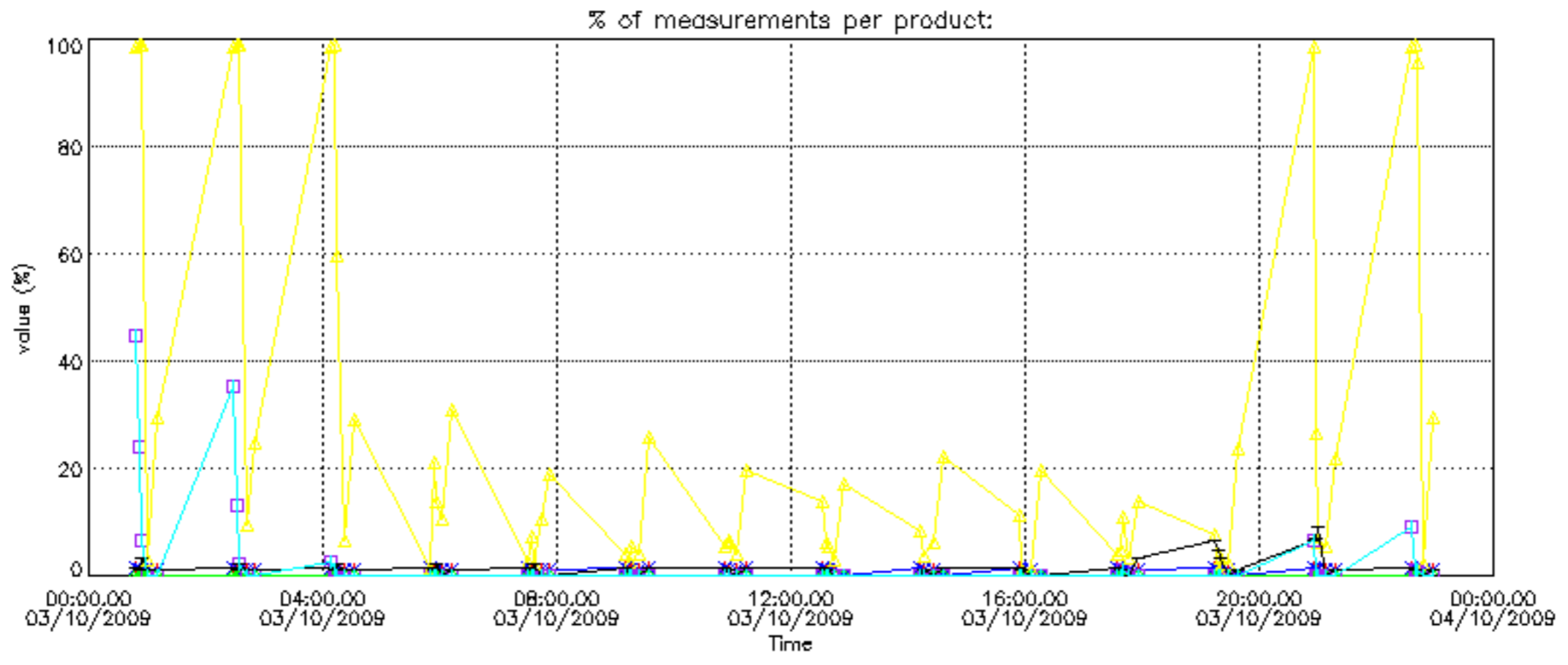


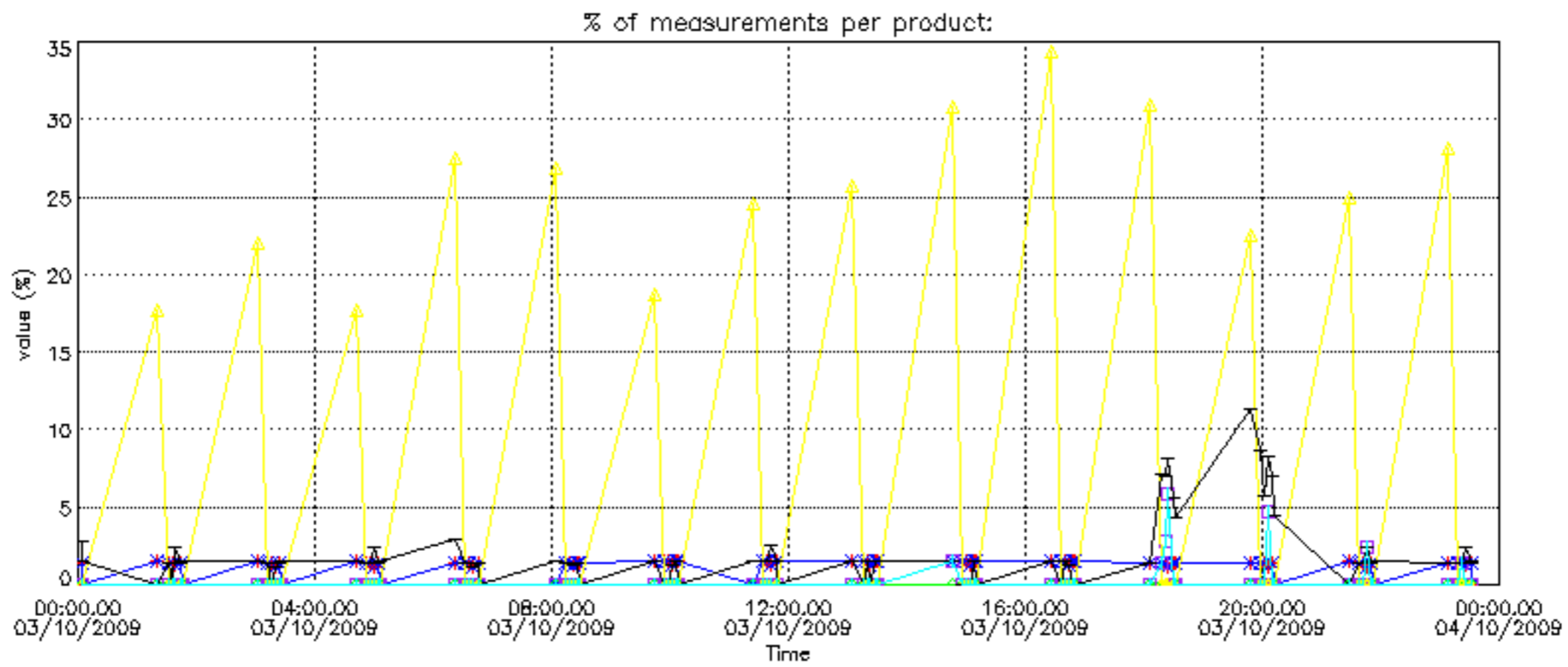
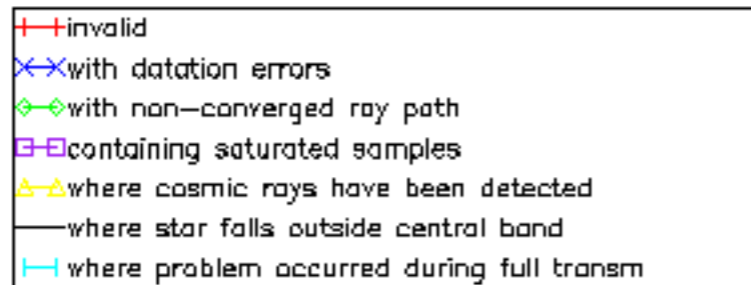
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

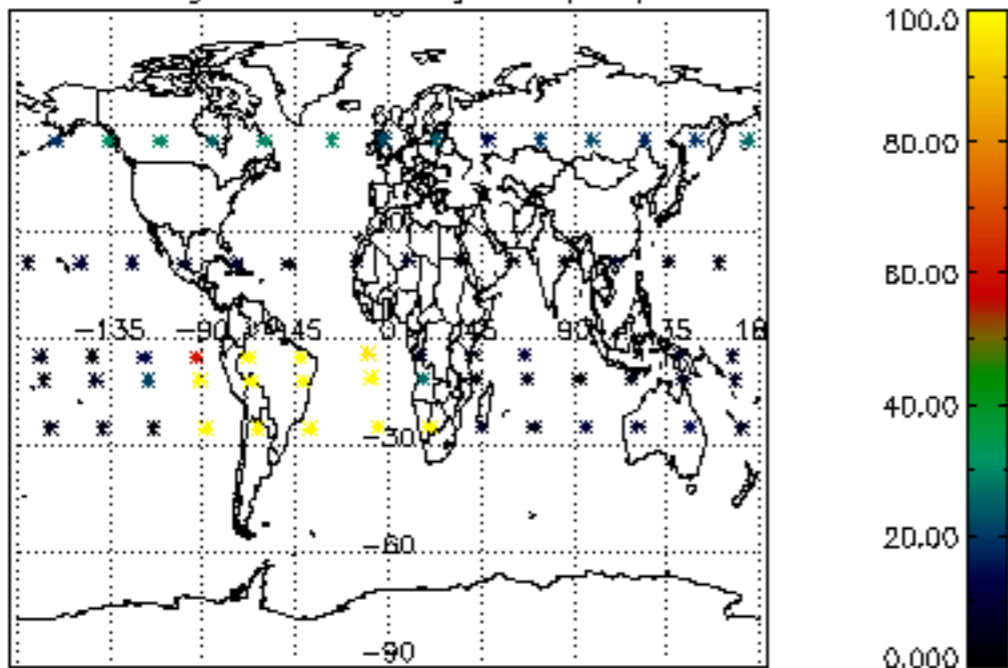




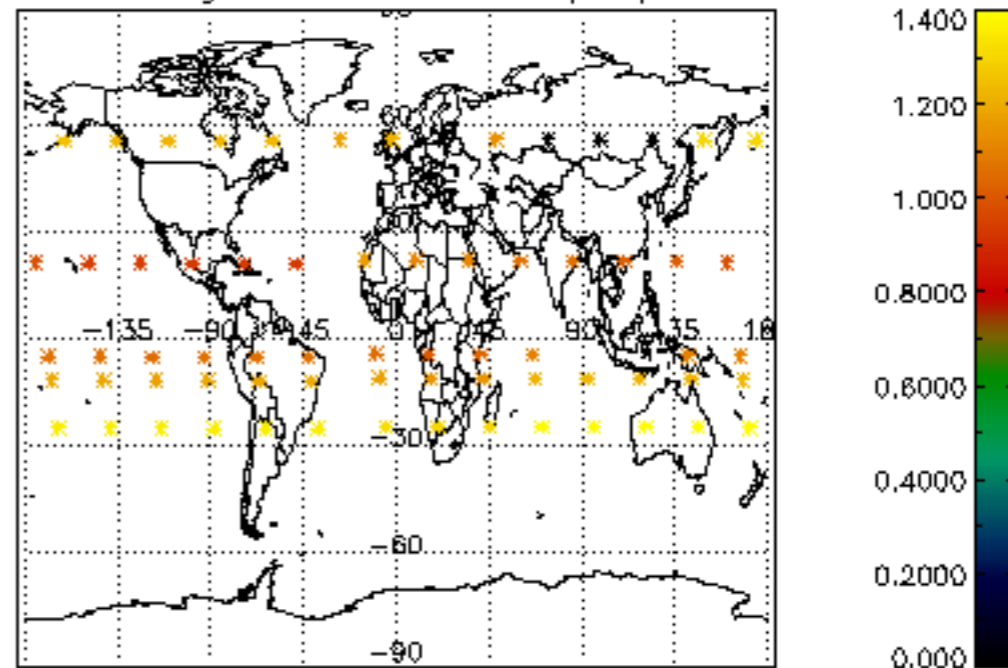




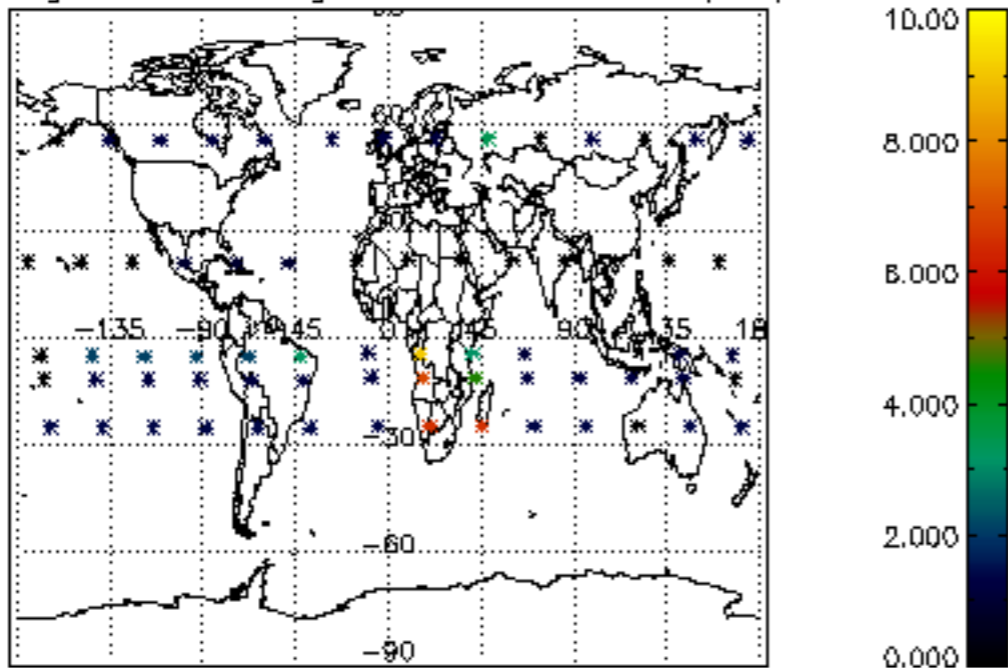
Percentage of cosmic ray hits per profile



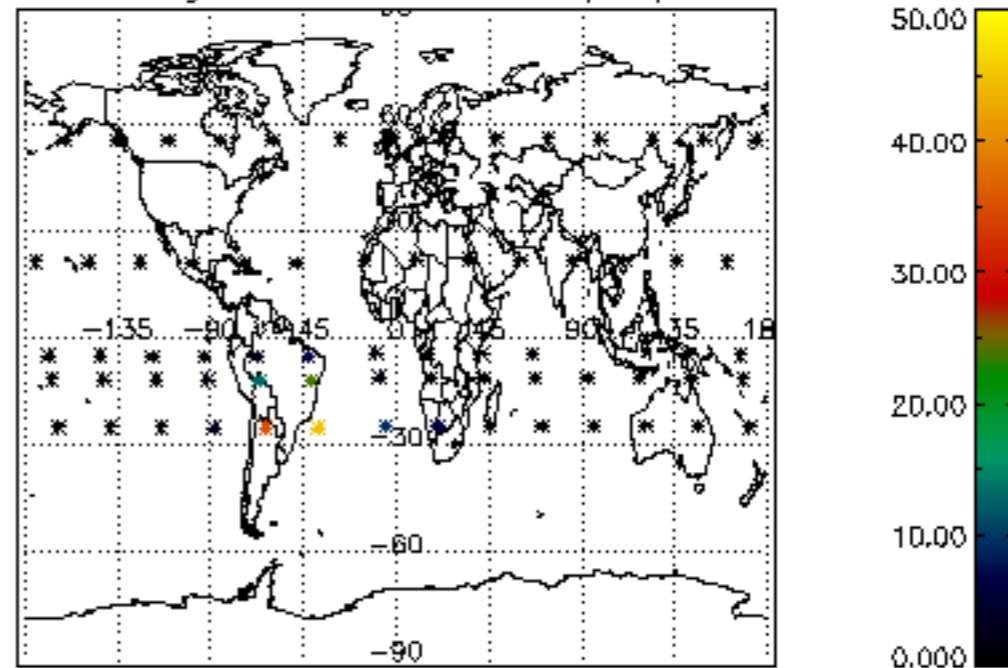
Percentage of datation errors per profile



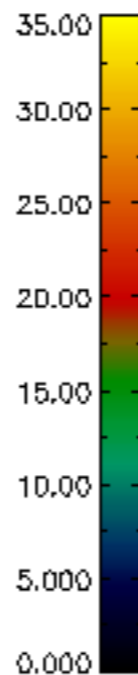
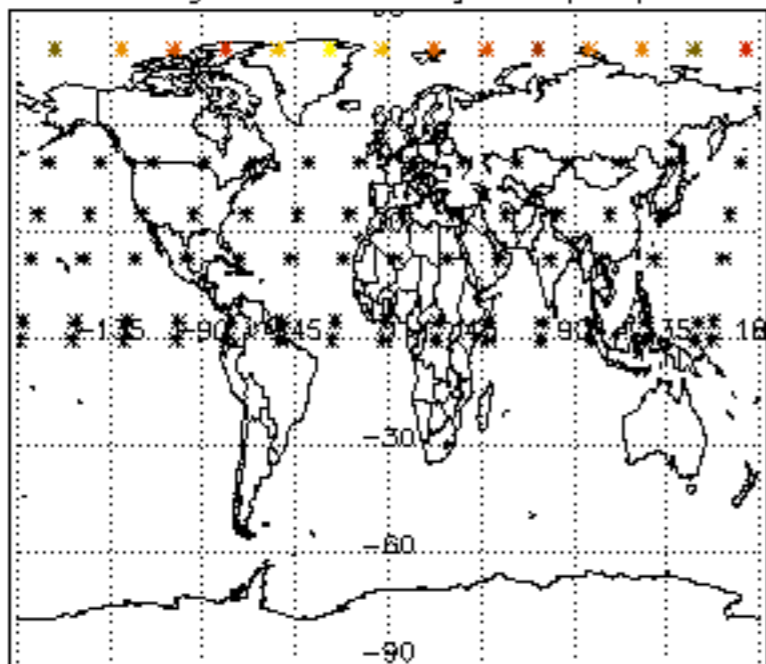
Percentage of star falling outside central band per profile



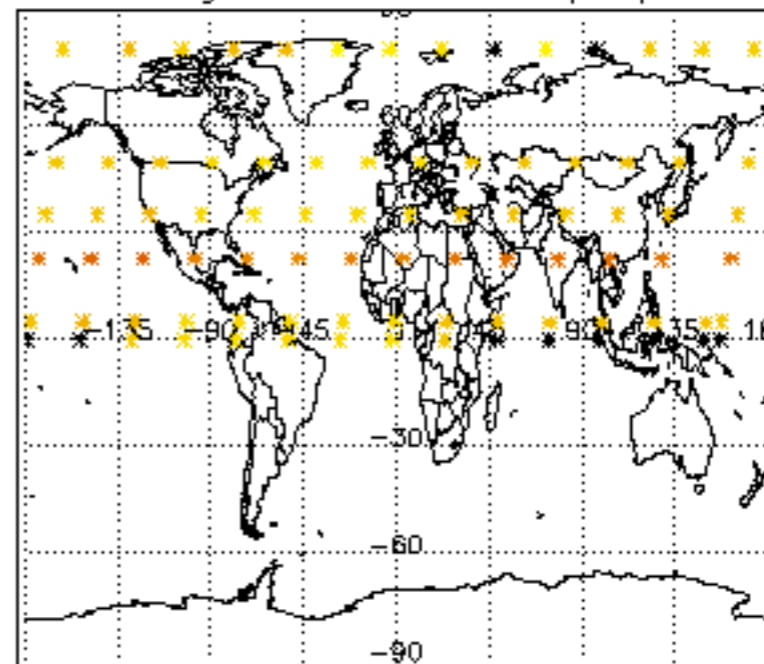
Percentage of saturation errors per profile



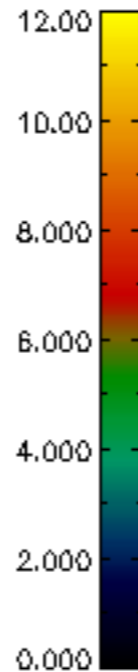
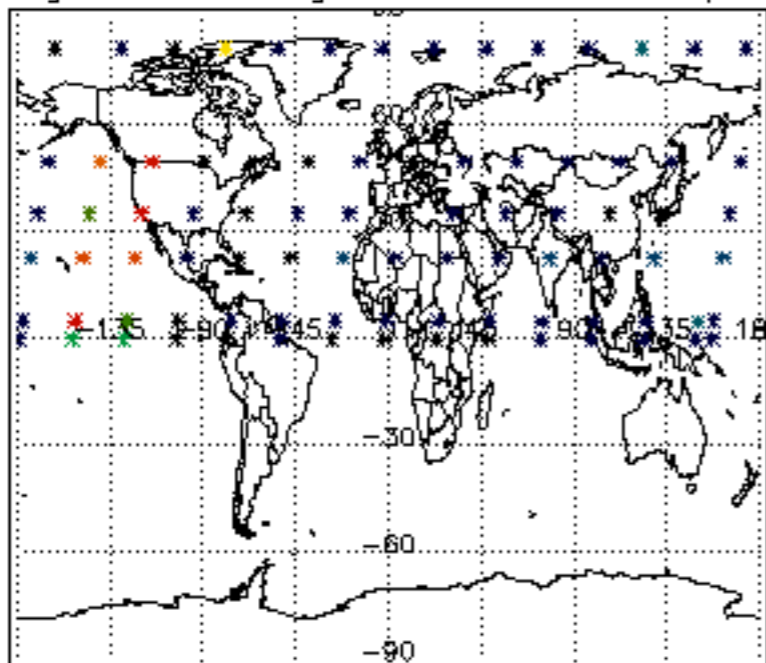
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

