

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 15:26:56
Data source version	GOMOS/6.01
Start time of products	25-09-2010 (25SEP2010 00:00:00)
Stop time of products	26-09-2010 (26SEP2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	157
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__2PRFIN20100925_000855_000000712093_00159_44802_0503.N1	25-SEP-2010 00:08:55	Bright	71.000	24	66Alp Gem	1.5800	10200.	142	44802	No
2	GOM_NL__2PRFIN20100925_001839_000000592093_00159_44802_0504.N1	25-SEP-2010 00:18:39	Dark	58.500	8	10Alp CMi	0.40000	6500.0	117	44802	No
3	GOM_NL__2PRFIN20100925_002556_000000452093_00159_44802_0505.N1	25-SEP-2010 00:25:56	Dark	45.000	132	15Rho Pup	2.8030	6900.0	90	44802	No
4	GOM_NL__2PRFIN20100925_002912_000000452093_00159_44802_0506.N1	25-SEP-2010 00:29:12	Dark	44.500	88	31Eta CMa	2.4480	20000.	89	44802	No
5	GOM_NL__2PRFIN20100925_003039_000000492093_00159_44802_0507.N1	25-SEP-2010 00:30:39	Dark	48.500	23	21Eps CMa	1.5020	26000.	97	44802	No
6	GOM_NL__2PRFIN20100925_003454_000000422093_00160_44803_0505.N1	25-SEP-2010 00:34:54	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	44803	No
7	GOM_NL__2PRFIN20100925_003726_000000562093_00160_44803_0506.N1	25-SEP-2010 00:37:26	Dark	56.000	108	Alp Col	2.6520	15200.	112	44803	No
8	GOM_NL__2PRFIN20100925_004836_000000542093_00160_44803_0507.N1	25-SEP-2010 00:48:36	Straylight	53.500	157	The1Eri	2.9060	9300.0	107	44803	No
9	GOM_NL__2PRFIN20100925_010017_000000532093_00160_44803_0508.N1	25-SEP-2010 01:00:17	Twilight_stray	53.000	52	16Bet Cet	2.0370	4500.0	106	44803	No
10	GOM_NL__2PRFIN20100925_011122_000000432093_00160_44803_0509.N1	25-SEP-2010 01:11:22	Bright	43.000	140	88Gam Peg	2.8340	26000.	86	44803	No
11	GOM_NL__2PRFIN20100925_011422_000000402093_00160_44803_0510.N1	25-SEP-2010 01:14:22	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	44803	No
12	GOM_NL__2PRFIN20100925_012409_000000392093_00160_44803_0511.N1	25-SEP-2010 01:24:09	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	44803	No
13	GOM_NL__2PRFIN20100925_012542_000000442093_00160_44803_0512.N1	25-SEP-2010 01:25:42	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	44803	No
14	GOM_NL__2PRFIN20100925_014931_000000522093_00160_44803_0513.N1	25-SEP-2010 01:49:31	Bright	52.000	24	66Alp Gem	1.5800	10200.	104	44803	No
15	GOM_NL__2PRFIN20100925_015916_000000692093_00160_44803_0514.N1	25-SEP-2010 01:59:16	Dark	69.000	8	10Alp CMi	0.40000	6500.0	138	44803	No
16	GOM_NL__2PRFIN20100925_020949_000000482093_00160_44803_0515.N1	25-SEP-2010 02:09:49	Dark	47.500	88	31Eta CMa	2.4480	20000.	95	44803	No
17	GOM_NL__2PRFIN20100925_021116_000000542093_00160_44803_0516.N1	25-SEP-2010 02:11:16	Dark	54.000	23	21Eps CMa	1.5020	26000.	108	44803	No
18	GOM_NL__2PRFIN20100925_021531_000000412093_00161_44804_0531.N1	25-SEP-2010 02:15:31	Dark	41.000	161	Tau Pup	2.9310	4500.0	82	44804	No
19	GOM_NL__2PRFIN20100925_021803_000000542093_00161_44804_0532.N1	25-SEP-2010 02:18:03	Dark	53.500	108	Alp Col	2.6520	15200.	107	44804	No
20	GOM_NL__2PRFIN20100925_022913_000000512093_00161_44804_0533.N1	25-SEP-2010 02:29:13	Straylight	50.500	157	The1Eri	2.9060	9300.0	101	44804	No
21	GOM_NL__2PRFIN20100925_024053_000000512093_00161_44804_0534.N1	25-SEP-2010 02:40:53	Twilight_stray	51.000	52	16Bet Cet	2.0370	4500.0	102	44804	No
22	GOM_NL__2PRFIN20100925_025158_000000442093_00161_44804_0535.N1	25-SEP-2010 02:51:58	Bright	43.500	140	88Gam Peg	2.8340	26000.	87	44804	No
23	GOM_NL__2PRFIN20100925_025457_000000382093_00161_44804_0536.N1	25-SEP-2010 02:54:57	Bright	37.500	93	53Bet Peg	2.5200	3100.0	75	44804	No
24	GOM_NL__2PRFIN20100925_030445_000000372093_00161_44804_0537.N1	25-SEP-2010 03:04:45	Bright	37.000	74	11Bet Cas	2.2680	6600.0	74	44804	No
25	GOM_NL__2PRFIN20100925_030617_000000402093_00161_44804_0538.N1	25-SEP-2010 03:06:17	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	44804	No
26	GOM_NL__2PRFIN20100925_033007_000000512093_00161_44804_0539.N1	25-SEP-2010 03:30:07	Bright	50.500	24	66Alp Gem	1.5800	10200.	101	44804	No
27	GOM_NL__2PRFIN20100925_033924_000000562093_00161_44804_0540.N1	25-SEP-2010 03:39:24	Dark	56.000	153	3Bet CMi	2.8940	13100.	112	44804	No
28	GOM_NL__2PRFIN20100925_034710_000000452093_00161_44804_0541.N1	25-SEP-2010 03:47:10	Dark	45.000	132	15Rho Pup	2.8030	6900.0	90	44804	No
29	GOM_NL__2PRFIN20100925_035026_000000452093_00161_44804_0542.N1	25-SEP-2010 03:50:26	Dark	44.500	88	31Eta CMa	2.4480	20000.	89	44804	No
30	GOM_NL__2PRFIN20100925_035153_000000502093_00161_44804_0543.N1	25-SEP-2010 03:51:53	Dark	49.500	23	21Eps CMa	1.5020	26000.	99	44804	No
31	GOM_NL__2PRFIN20100925_035608_000000442093_00162_44805_0543.N1	25-SEP-2010 03:56:08	Dark	44.000	161	Tau Pup	2.9310	4500.0	88	44805	No
32	GOM_NL__2PRFIN20100925_035841_000000562093_00162_44805_0544.N1	25-SEP-2010 03:58:41	Dark	56.000	108	Alp Col	2.6520	15200.	112	44805	No
33	GOM_NL__2PRFIN20100925_040950_000000542093_00162_44805_0545.N1	25-SEP-2010 04:09:50	Straylight	54.000	157	The1Eri	2.9060	9300.0	108	44805	No
34	GOM_NL__2PRFIN20100925_042129_000000532093_00162_44805_0546.N1	25-SEP-2010 04:21:29	Twilight_stray	52.500	52	16Bet Cet	2.0370	4500.0	105	44805	No
35	GOM_NL__2PRFIN20100925_043233_000000432093_00162_44805_0547.N1	25-SEP-2010 04:32:33	Bright	43.000	140	88Gam Peg	2.8340	26000.	86	44805	No
36	GOM_NL__2PRFIN20100925_043534_000000372093_00162_44805_0548.N1	25-SEP-2010 04:35:34	Bright	36.500	93	53Bet Peg	2.5200	3100.0	73	44805	No
37	GOM_NL__2PRFIN20100925_044521_000000392093_00162_44805_0549.N1	25-SEP-2010 04:45:21	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	44805	No
38	GOM_NL__2PRFIN20100925_044653_000000412093_00162_44805_0550.N1	25-SEP-2010 04:46:53	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	44805	No
39	GOM_NL__2PRFIN20100925_051043_000000542093_00162_44805_0551.N1	25-SEP-2010 05:10:43	Bright	53.500	24	66Alp Gem	1.5800	10200.	107	44805	No
40	GOM_NL__2PRFIN20100925_052001_000000562093_00162_44805_0552.N1	25-SEP-2010 05:20:01	Dark	56.000	153	3Bet CMi	2.8940	13100.	112	44805	No
41	GOM_NL__2PRFIN20100925_052746_000000442093_00162_44805_0553.N1	25-SEP-2010 05:27:46	Dark	44.000	132	15Rho Pup	2.8030	6900.0	88	44805	No
42	GOM_NL__2PRFIN20100925_053103_000000472093_00162_44805_0554.N1	25-SEP-2010 05:31:03	Dark	47.000	88	31Eta CMa	2.4480	20000.	94	44805	No

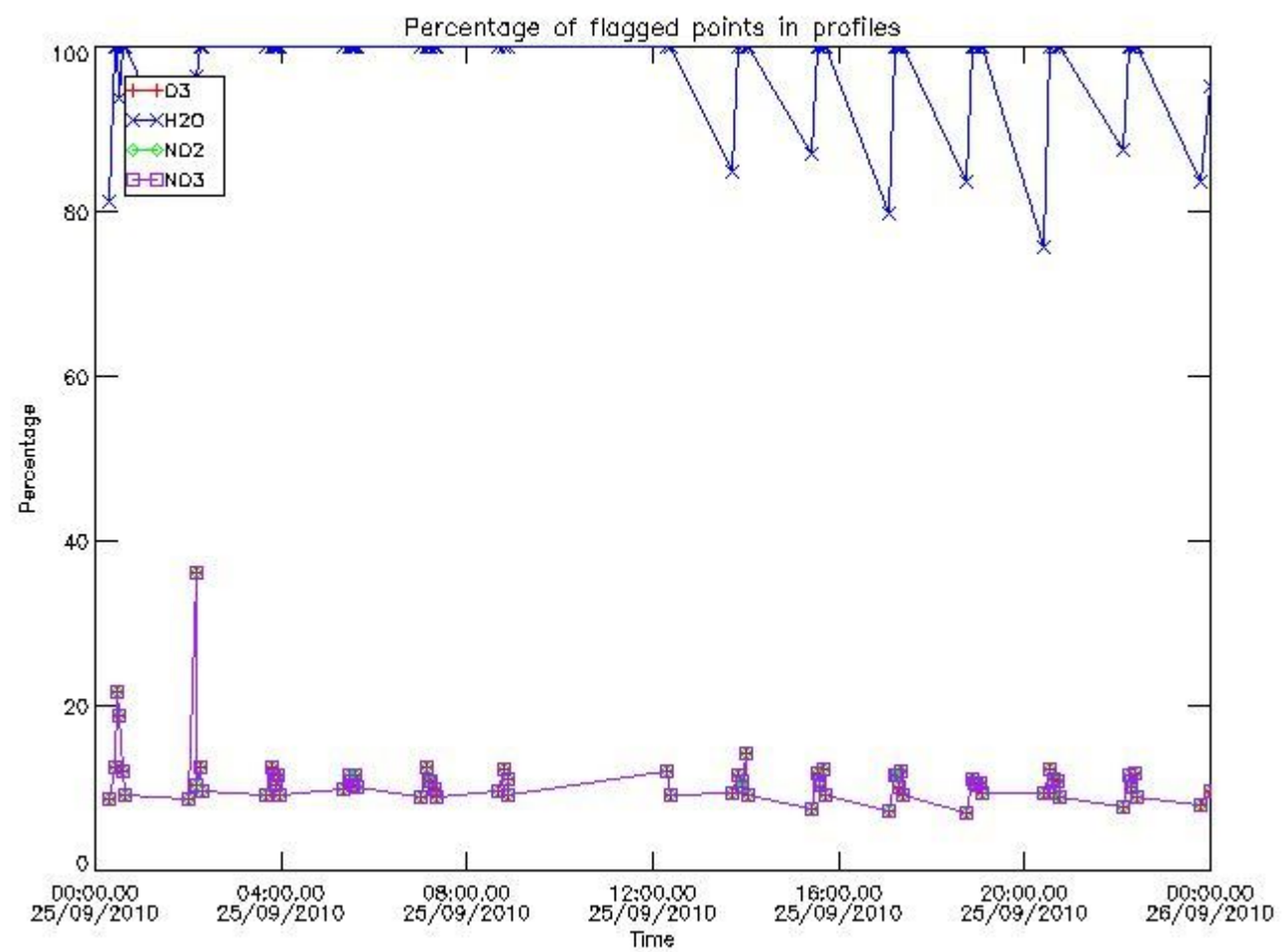
43	GOM_NL__2PRFIN20100925_053230_000000492093_00162_44805_0555.N1	25-SEP-2010 05:32:30	Dark	49.000	23	21Eps CMa	1.5020	26000.	98	44805	No
44	GOM_NL__2PRFIN20100925_053645_000000442093_00163_44806_0557.N1	25-SEP-2010 05:36:45	Dark	44.000	161	Tau Pup	2.9310	4500.0	88	44806	No
45	GOM_NL__2PRFIN20100925_053918_000000552093_00163_44806_0558.N1	25-SEP-2010 05:39:18	Dark	55.000	108	Alp Col	2.6520	15200.	110	44806	No
46	GOM_NL__2PRFIN20100925_055027_000000512093_00163_44806_0559.N1	25-SEP-2010 05:50:27	Straylight	51.000	157	The1Eri	2.9060	9300.0	102	44806	No
47	GOM_NL__2PRFIN20100925_060205_000000542093_00163_44806_0560.N1	25-SEP-2010 06:02:05	Tw_i_and_stray	54.000	52	16Bet Cet	2.0370	4500.0	108	44806	No
48	GOM_NL__2PRFIN20100925_061309_000000442093_00163_44806_0561.N1	25-SEP-2010 06:13:09	Bright	43.500	140	88Gam Peg	2.8340	26000.	87	44806	No
49	GOM_NL__2PRFIN20100925_061609_000000372093_00163_44806_0562.N1	25-SEP-2010 06:16:09	Bright	36.500	93	53Bet Peg	2.5200	3100.0	73	44806	No
50	GOM_NL__2PRFIN20100925_062556_000000412093_00163_44806_0563.N1	25-SEP-2010 06:25:56	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44806	No
51	GOM_NL__2PRFIN20100925_062728_000000412093_00163_44806_0564.N1	25-SEP-2010 06:27:28	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	44806	No
52	GOM_NL__2PRFIN20100925_065120_000000502093_00163_44806_0565.N1	25-SEP-2010 06:51:20	Bright	49.500	24	66Alp Gem	1.5800	10200.	99	44806	No
53	GOM_NL__2PRFIN20100925_070037_000000572093_00163_44806_0566.N1	25-SEP-2010 07:00:37	Dark	57.000	153	3Bet CMI	2.8940	13100.	114	44806	No
54	GOM_NL__2PRFIN20100925_070823_000000452093_00163_44806_0567.N1	25-SEP-2010 07:08:23	Dark	45.000	132	15Rho Pup	2.8030	6900.0	90	44806	No
55	GOM_NL__2PRFIN20100925_071139_000000482093_00163_44806_0568.N1	25-SEP-2010 07:11:39	Dark	47.500	88	31Eta CMa	2.4480	20000.	95	44806	No
56	GOM_NL__2PRFIN20100925_071307_000000522093_00163_44806_0569.N1	25-SEP-2010 07:13:07	Dark	51.500	23	21Eps CMa	1.5020	26000.	103	44806	No
57	GOM_NL__2PRFIN20100925_071721_000000522093_00164_44807_0583.N1	25-SEP-2010 07:17:21	Dark	51.500	161	Tau Pup	2.9310	4500.0	103	44807	No
58	GOM_NL__2PRFIN20100925_071956_000000572093_00164_44807_0584.N1	25-SEP-2010 07:19:56	Dark	56.500	108	Alp Col	2.6520	15200.	113	44807	No
59	GOM_NL__2PRFIN20100925_073104_000000532093_00164_44807_0585.N1	25-SEP-2010 07:31:04	Straylight	52.500	157	The1Eri	2.9060	9300.0	105	44807	No
60	GOM_NL__2PRFIN20100925_074242_000000552093_00164_44807_0586.N1	25-SEP-2010 07:42:42	Tw_i_and_stray	54.500	52	16Bet Cet	2.0370	4500.0	109	44807	No
61	GOM_NL__2PRFIN20100925_075344_000000432093_00164_44807_0587.N1	25-SEP-2010 07:53:44	Bright	42.500	140	88Gam Peg	2.8340	26000.	85	44807	No
62	GOM_NL__2PRFIN20100925_075645_000000392093_00164_44807_0588.N1	25-SEP-2010 07:56:45	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	44807	No
63	GOM_NL__2PRFIN20100925_080632_000000392093_00164_44807_0589.N1	25-SEP-2010 08:06:32	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	44807	No
64	GOM_NL__2PRFIN20100925_080804_000000412093_00164_44807_0590.N1	25-SEP-2010 08:08:04	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	44807	No
65	GOM_NL__2PRFIN20100925_083156_000000512093_00164_44807_0591.N1	25-SEP-2010 08:31:56	Bright	51.000	24	66Alp Gem	1.5800	10200.	102	44807	No
66	GOM_NL__2PRFIN20100925_084114_000000592093_00164_44807_0592.N1	25-SEP-2010 08:41:14	Dark	58.500	153	3Bet CMI	2.8940	13100.	117	44807	No
67	GOM_NL__2PRFIN20100925_084859_000000422093_00164_44807_0593.N1	25-SEP-2010 08:48:59	Dark	41.500	132	15Rho Pup	2.8030	6900.0	83	44807	No
68	GOM_NL__2PRFIN20100925_085216_000000462093_00164_44807_0594.N1	25-SEP-2010 08:52:16	Dark	46.000	88	31Eta CMa	2.4480	20000.	92	44807	No
69	GOM_NL__2PRFIN20100925_085344_000000562093_00164_44807_0595.N1	25-SEP-2010 08:53:44	Dark	55.500	23	21Eps CMa	1.5020	26000.	111	44807	No
70	GOM_NL__2PRFIN20100925_121911_000000432093_00167_44810_0656.N1	25-SEP-2010 12:19:11	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	44810	No
71	GOM_NL__2PRFIN20100925_122148_000000552093_00167_44810_0657.N1	25-SEP-2010 12:21:48	Dark	55.000	108	Alp Col	2.6520	15200.	110	44810	No
72	GOM_NL__2PRFIN20100925_123254_000000512093_00167_44810_0658.N1	25-SEP-2010 12:32:54	Straylight	51.000	157	The1Eri	2.9060	9300.0	102	44810	No
73	GOM_NL__2PRFIN20100925_124430_000000522093_00167_44810_0659.N1	25-SEP-2010 12:44:30	Tw_i_and_stray	51.500	52	16Bet Cet	2.0370	4500.0	103	44810	No
74	GOM_NL__2PRFIN20100925_125531_000000432093_00167_44810_0660.N1	25-SEP-2010 12:55:31	Bright	43.000	140	88Gam Peg	2.8340	26000.	86	44810	No
75	GOM_NL__2PRFIN20100925_125833_000000382093_00167_44810_0661.N1	25-SEP-2010 12:58:33	Bright	37.500	93	53Bet Peg	2.5200	3100.0	75	44810	No
76	GOM_NL__2PRFIN20100925_130819_000000412093_00167_44810_0662.N1	25-SEP-2010 13:08:19	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44810	No
77	GOM_NL__2PRFIN20100925_130950_000000432093_00167_44810_0663.N1	25-SEP-2010 13:09:50	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	44810	No
78	GOM_NL__2PRFIN20100925_133344_000000522093_00167_44810_0664.N1	25-SEP-2010 13:33:44	Bright	51.500	24	66Alp Gem	1.5800	10200.	103	44810	No
79	GOM_NL__2PRFIN20100925_134333_000000702093_00167_44810_0665.N1	25-SEP-2010 13:43:33	Dark	69.500	8	10Alp CMI	0.40000	6500.0	139	44810	No
80	GOM_NL__2PRFIN20100925_135049_000000442093_00167_44810_0666.N1	25-SEP-2010 13:50:49	Dark	44.000	132	15Rho Pup	2.8030	6900.0	88	44810	No
81	GOM_NL__2PRFIN20100925_135407_000000482093_00167_44810_0667.N1	25-SEP-2010 13:54:07	Dark	47.500	88	31Eta CMa	2.4480	20000.	95	44810	No
82	GOM_NL__2PRFIN20100925_135535_000000562093_00167_44810_0668.N1	25-SEP-2010 13:55:35	Dark	55.500	23	21Eps CMa	1.5020	26000.	111	44810	No
83	GOM_NL__2PRFIN20100925_135948_000000402093_00168_44811_0720.N1	25-SEP-2010 13:59:48	Dark	39.500	161	Tau Pup	2.9310	4500.0	79	44811	No
84	GOM_NL__2PRFIN20100925_140225_000000562093_00168_44811_0721.N1	25-SEP-2010 14:02:25	Dark	56.000	108	Alp Col	2.6520	15200.	112	44811	No
85	GOM_NL__2PRFIN20100925_141331_000000522093_00168_44811_0722.N1	25-SEP-2010 14:13:31	Straylight	51.500	157	The1Eri	2.9060	9300.0	103	44811	No
86	GOM_NL__2PRFIN20100925_142506_000000552093_00168_44811_0723.N1	25-SEP-2010 14:25:06	Tw_i_and_stray	54.500	52	16Bet Cet	2.0370	4500.0	109	44811	No
87	GOM_NL__2PRFIN20100925_143607_000000432093_00168_44811_0724.N1	25-SEP-2010 14:36:07	Bright	43.000	140	88Gam Peg	2.8340	26000.	86	44811	No
88	GOM_NL__2PRFIN20100925_143909_000000392093_00168_44811_0725.N1	25-SEP-2010 14:39:09	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	44811	No
89	GOM_NL__2PRFIN20100925_144854_000000392093_00168_44811_0726.N1	25-SEP-2010 14:48:54	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	44811	No
90	GOM_NL__2PRFIN20100925_145026_000000392093_00168_44811_0727.N1	25-SEP-2010 14:50:26	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	44811	No
91	GOM_NL__2PRFIN20100925_151420_000000522093_00168_44811_0728.N1	25-SEP-2010 15:14:20	Bright	51.500	24	66Alp Gem	1.5800	10200.	103	44811	No
92	GOM_NL__2PRFIN20100925_152410_000000742093_00168_44811_0729.N1	25-SEP-2010 15:24:10	Dark	74.000	8	10Alp CMI	0.40000	6500.0	148	44811	No
93	GOM_NL__2PRFIN20100925_153126_000000432093_00168_44811_0730.N1	25-SEP-2010 15:31:26	Dark	43.000	132	15Rho Pup	2.8030	6900.0	86	44811	No
94	GOM_NL__2PRFIN20100925_153444_000000482093_00168_44811_0731.N1	25-SEP-2010 15:34:44	Dark	47.500	88	31Eta CMa	2.4480	20000.	95	44811	No
95	GOM_NL__2PRFIN20100925_153612_000000492093_00168_44811_0732.N1	25-SEP-2010 15:36:12	Dark	49.000	23	21Eps CMa	1.5020	26000.	98	44811	No
96	GOM_NL__2PRFIN20100925_154024_000000422093_00169_44812_0748.N1	25-SEP-2010 15:40:24	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	44812	No
97	GOM_NL__2PRFIN20100925_154302_000000562093_00169_44812_0749.N1	25-SEP-2010 15:43:02	Dark	56.000	108	Alp Col	2.6520	15200.	112	44812	No
98	GOM_NL__2PRFIN20100925_155408_000000512093_00169_44812_0750.N1	25-SEP-2010 15:54:08	Straylight	51.000	157	The1Eri	2.9060	9300.0	102	44812	No
99	GOM_NL__2PRFIN20100925_160542_000000522093_00169_44812_0751.N1	25-SEP-2010 16:05:42	Tw_i_and_stray	52.000	52	16Bet Cet	2.0370	4500.0	104	44812	No
100	GOM_NL__2PRFIN20100925_161642_000000432093_00169_44812_0752.N1	25-SEP-2010 16:16:42	Bright	42.500	140	88Gam Peg	2.8340	26000.	85	44812	No
101	GOM_NL__2PRFIN20100925_161944_000000402093_00169_44812_0753.N1	25-SEP-2010 16:19:44	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	44812	No

102	GOM_NL__2PRFIN20100925_162930_000000412093_00169_44812_0754.N1	25-SEP-2010 16:29:30	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44812	No
103	GOM_NL__2PRFIN20100925_163101_000000402093_00169_44812_0755.N1	25-SEP-2010 16:31:01	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	44812	No
104	GOM_NL__2PRFIN20100925_165456_000000492093_00169_44812_0756.N1	25-SEP-2010 16:54:56	Bright	48.500	24	66Alp Gem	1.5800	10200.	97	44812	No
105	GOM_NL__2PRFIN20100925_170447_000000702093_00169_44812_0757.N1	25-SEP-2010 17:04:47	Dark	70.000	8	10Alp CMi	0.40000	6500.0	140	44812	No
106	GOM_NL__2PRFIN20100925_171202_000000442093_00169_44812_0758.N1	25-SEP-2010 17:12:02	Dark	44.000	132	15Rho Pup	2.8030	6900.0	88	44812	No
107	GOM_NL__2PRFIN20100925_171520_000000442093_00169_44812_0759.N1	25-SEP-2010 17:15:20	Dark	44.000	88	31Eta CMa	2.4480	20000.	88	44812	No
108	GOM_NL__2PRFIN20100925_171649_000000512093_00169_44812_0760.N1	25-SEP-2010 17:16:49	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	44812	No
109	GOM_NL__2PRFIN20100925_172101_000000432093_00170_44813_0775.N1	25-SEP-2010 17:21:01	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	44813	No
110	GOM_NL__2PRFIN20100925_172340_000000552093_00170_44813_0776.N1	25-SEP-2010 17:23:40	Dark	55.000	108	Alp Col	2.6520	15200.	110	44813	No
111	GOM_NL__2PRFIN20100925_173444_000000522093_00170_44813_0777.N1	25-SEP-2010 17:34:44	Straylight	52.000	157	The1Eri	2.9060	9300.0	104	44813	No
112	GOM_NL__2PRFIN20100925_174618_000000532093_00170_44813_0778.N1	25-SEP-2010 17:46:18	Tw_i_and_stray	53.000	52	16Bet Cet	2.0370	4500.0	106	44813	No
113	GOM_NL__2PRFIN20100925_175718_000000432093_00170_44813_0779.N1	25-SEP-2010 17:57:18	Bright	42.500	140	88Gam Peg	2.8340	26000.	85	44813	No
114	GOM_NL__2PRFIN20100925_180020_000000392093_00170_44813_0780.N1	25-SEP-2010 18:00:20	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	44813	No
115	GOM_NL__2PRFIN20100925_181005_000000412093_00170_44813_0781.N1	25-SEP-2010 18:10:05	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44813	No
116	GOM_NL__2PRFIN20100925_181137_000000422093_00170_44813_0782.N1	25-SEP-2010 18:11:37	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	44813	No
117	GOM_NL__2PRFIN20100925_183532_000000552093_00170_44813_0783.N1	25-SEP-2010 18:35:32	Bright	55.000	24	66Alp Gem	1.5800	10200.	110	44813	No
118	GOM_NL__2PRFIN20100925_184523_000000742093_00170_44813_0784.N1	25-SEP-2010 18:45:23	Dark	74.000	8	10Alp CMi	0.40000	6500.0	148	44813	No
119	GOM_NL__2PRFIN20100925_185239_000000462093_00170_44813_0785.N1	25-SEP-2010 18:52:39	Dark	46.000	132	15Rho Pup	2.8030	6900.0	92	44813	No
120	GOM_NL__2PRFIN20100925_185557_000000492093_00170_44813_0786.N1	25-SEP-2010 18:55:57	Dark	48.500	88	31Eta CMa	2.4480	20000.	97	44813	No
121	GOM_NL__2PRFIN20100925_185726_000000502093_00170_44813_0787.N1	25-SEP-2010 18:57:26	Dark	49.500	23	21Eps CMa	1.5020	26000.	99	44813	No
122	GOM_NL__2PRFIN20100925_190138_000000492093_00171_44814_0803.N1	25-SEP-2010 19:01:38	Dark	48.500	161	Tau Pup	2.9310	4500.0	97	44814	No
123	GOM_NL__2PRFIN20100925_190417_000000542093_00171_44814_0804.N1	25-SEP-2010 19:04:17	Dark	54.000	108	Alp Col	2.6520	15200.	108	44814	No
124	GOM_NL__2PRFIN20100925_191521_000000512093_00171_44814_0805.N1	25-SEP-2010 19:15:21	Straylight	50.500	157	The1Eri	2.9060	9300.0	101	44814	No
125	GOM_NL__2PRFIN20100925_192654_000000572093_00171_44814_0806.N1	25-SEP-2010 19:26:54	Tw_i_and_stray	56.500	52	16Bet Cet	2.0370	4500.0	113	44814	No
126	GOM_NL__2PRFIN20100925_193754_000000422093_00171_44814_0807.N1	25-SEP-2010 19:37:54	Bright	42.000	140	88Gam Peg	2.8340	26000.	84	44814	No
127	GOM_NL__2PRFIN20100925_194056_000000372093_00171_44814_0808.N1	25-SEP-2010 19:40:56	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	44814	No
128	GOM_NL__2PRFIN20100925_195041_000000412093_00171_44814_0809.N1	25-SEP-2010 19:50:41	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	44814	No
129	GOM_NL__2PRFIN20100925_195212_000000422093_00171_44814_0810.N1	25-SEP-2010 19:52:12	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	44814	No
130	GOM_NL__2PRFIN20100925_201608_000000522093_00171_44814_0811.N1	25-SEP-2010 20:16:08	Bright	51.500	24	66Alp Gem	1.5800	10200.	103	44814	No
131	GOM_NL__2PRFIN20100925_202600_000000602093_00171_44814_0812.N1	25-SEP-2010 20:26:00	Dark	60.000	8	10Alp CMi	0.40000	6500.0	120	44814	No
132	GOM_NL__2PRFIN20100925_203316_000000462093_00171_44814_0813.N1	25-SEP-2010 20:33:16	Dark	46.000	132	15Rho Pup	2.8030	6900.0	92	44814	No
133	GOM_NL__2PRFIN20100925_203634_000000462093_00171_44814_0814.N1	25-SEP-2010 20:36:34	Dark	45.500	88	31Eta CMa	2.4480	20000.	91	44814	No
134	GOM_NL__2PRFIN20100925_203803_000000552093_00171_44814_0815.N1	25-SEP-2010 20:38:03	Dark	54.500	23	21Eps CMa	1.5020	26000.	109	44814	No
135	GOM_NL__2PRFIN20100925_204214_000000472093_00172_44815_0958.N1	25-SEP-2010 20:42:14	Dark	46.500	161	Tau Pup	2.9310	4500.0	93	44815	No
136	GOM_NL__2PRFIN20100925_204454_000000572093_00172_44815_0959.N1	25-SEP-2010 20:44:54	Dark	57.000	108	Alp Col	2.6520	15200.	114	44815	No
137	GOM_NL__2PRFIN20100925_205558_000000512093_00172_44815_0960.N1	25-SEP-2010 20:55:58	Straylight	50.500	157	The1Eri	2.9060	9300.0	101	44815	No
138	GOM_NL__2PRFIN20100925_210730_000000542093_00172_44815_0961.N1	25-SEP-2010 21:07:30	Tw_i_and_stray	54.000	52	16Bet Cet	2.0370	4500.0	108	44815	No
139	GOM_NL__2PRFIN20100925_211829_000000422093_00172_44815_0962.N1	25-SEP-2010 21:18:29	Bright	41.500	140	88Gam Peg	2.8340	26000.	83	44815	No
140	GOM_NL__2PRFIN20100925_212132_000000382093_00172_44815_0963.N1	25-SEP-2010 21:21:32	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	44815	No
141	GOM_NL__2PRFIN20100925_213117_000000412093_00172_44815_0964.N1	25-SEP-2010 21:31:17	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44815	No
142	GOM_NL__2PRFIN20100925_213247_000000422093_00172_44815_0965.N1	25-SEP-2010 21:32:47	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	44815	No
143	GOM_NL__2PRFIN20100925_215644_000000522093_00172_44815_0966.N1	25-SEP-2010 21:56:44	Bright	51.500	24	66Alp Gem	1.5800	10200.	103	44815	No
144	GOM_NL__2PRFIN20100925_220637_000000722093_00172_44815_0967.N1	25-SEP-2010 22:06:37	Dark	72.000	8	10Alp CMi	0.40000	6500.0	144	44815	No
145	GOM_NL__2PRFIN20100925_221352_000000452093_00172_44815_0968.N1	25-SEP-2010 22:13:52	Dark	44.500	132	15Rho Pup	2.8030	6900.0	89	44815	No
146	GOM_NL__2PRFIN20100925_221711_000000472093_00172_44815_0969.N1	25-SEP-2010 22:17:11	Dark	46.500	88	31Eta CMa	2.4480	20000.	93	44815	No
147	GOM_NL__2PRFIN20100925_221840_000000502093_00172_44815_0970.N1	25-SEP-2010 22:18:40	Dark	50.000	23	21Eps CMa	1.5020	26000.	100	44815	No
148	GOM_NL__2PRFIN20100925_222251_000000442093_00173_44816_0929.N1	25-SEP-2010 22:22:51	Dark	43.500	161	Tau Pup	2.9310	4500.0	87	44816	No
149	GOM_NL__2PRFIN20100925_222532_000000572093_00173_44816_0930.N1	25-SEP-2010 22:25:32	Dark	56.500	108	Alp Col	2.6520	15200.	113	44816	No
150	GOM_NL__2PRFIN20100925_223635_000000502093_00173_44816_0931.N1	25-SEP-2010 22:36:35	Straylight	49.500	157	The1Eri	2.9060	9300.0	99	44816	No
151	GOM_NL__2PRFIN20100925_224806_000000522093_00173_44816_0932.N1	25-SEP-2010 22:48:06	Tw_i_and_stray	52.000	52	16Bet Cet	2.0370	4500.0	104	44816	No
152	GOM_NL__2PRFIN20100925_225905_000000412093_00173_44816_0933.N1	25-SEP-2010 22:59:05	Bright	41.000	140	88Gam Peg	2.8340	26000.	82	44816	No
153	GOM_NL__2PRFIN20100925_230208_000000372093_00173_44816_0934.N1	25-SEP-2010 23:02:08	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	44816	No
154	GOM_NL__2PRFIN20100925_231152_000000392093_00173_44816_0935.N1	25-SEP-2010 23:11:52	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	44816	No
155	GOM_NL__2PRFIN20100925_231323_000000432093_00173_44816_0936.N1	25-SEP-2010 23:13:23	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	44816	No
156	GOM_NL__2PRFIN20100925_234713_000000642093_00173_44816_0937.N1	25-SEP-2010 23:47:13	Dark	64.000	8	10Alp CMi	0.40000	6500.0	128	44816	No
157	GOM_NL__2PRFIN20100925_235917_000000542093_00173_44816_0938.N1	25-SEP-2010 23:59:17	Dark	53.500	23	21Eps CMa	1.5020	26000.	107	44816	No

3. Quality information per product

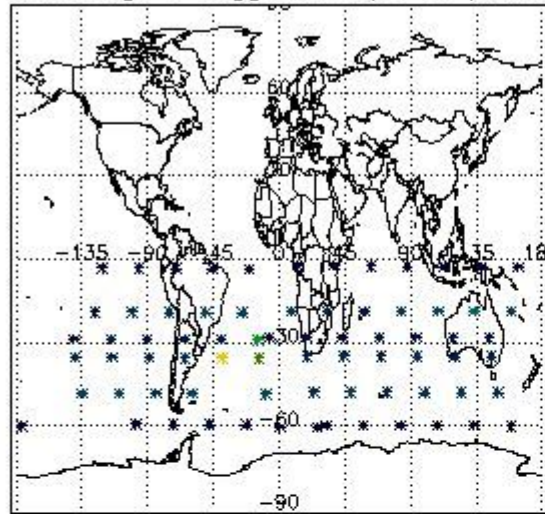
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

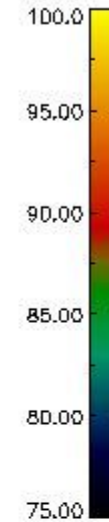
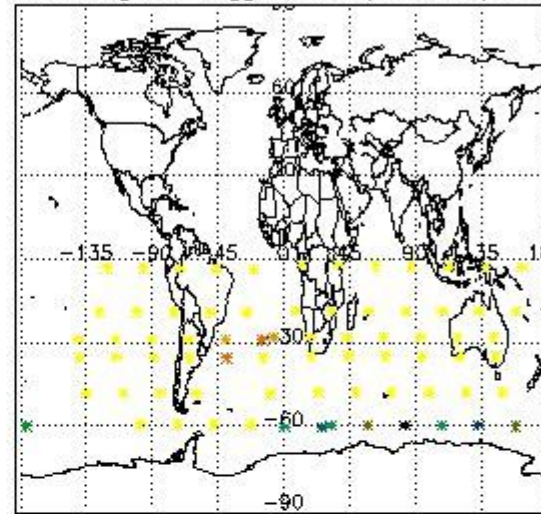


3.2 Plot quality information per product (world map)

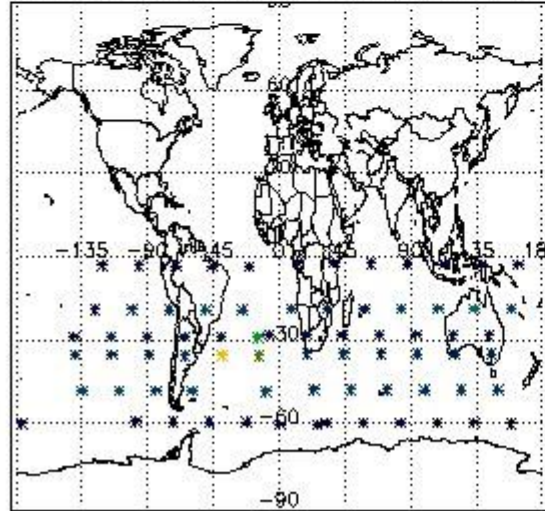
Percentage of flagged data per O3 profile



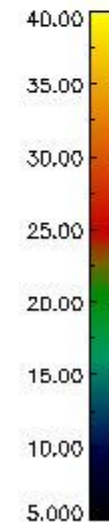
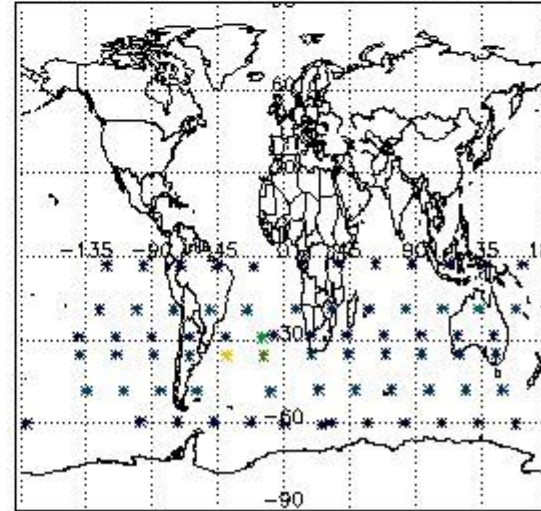
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

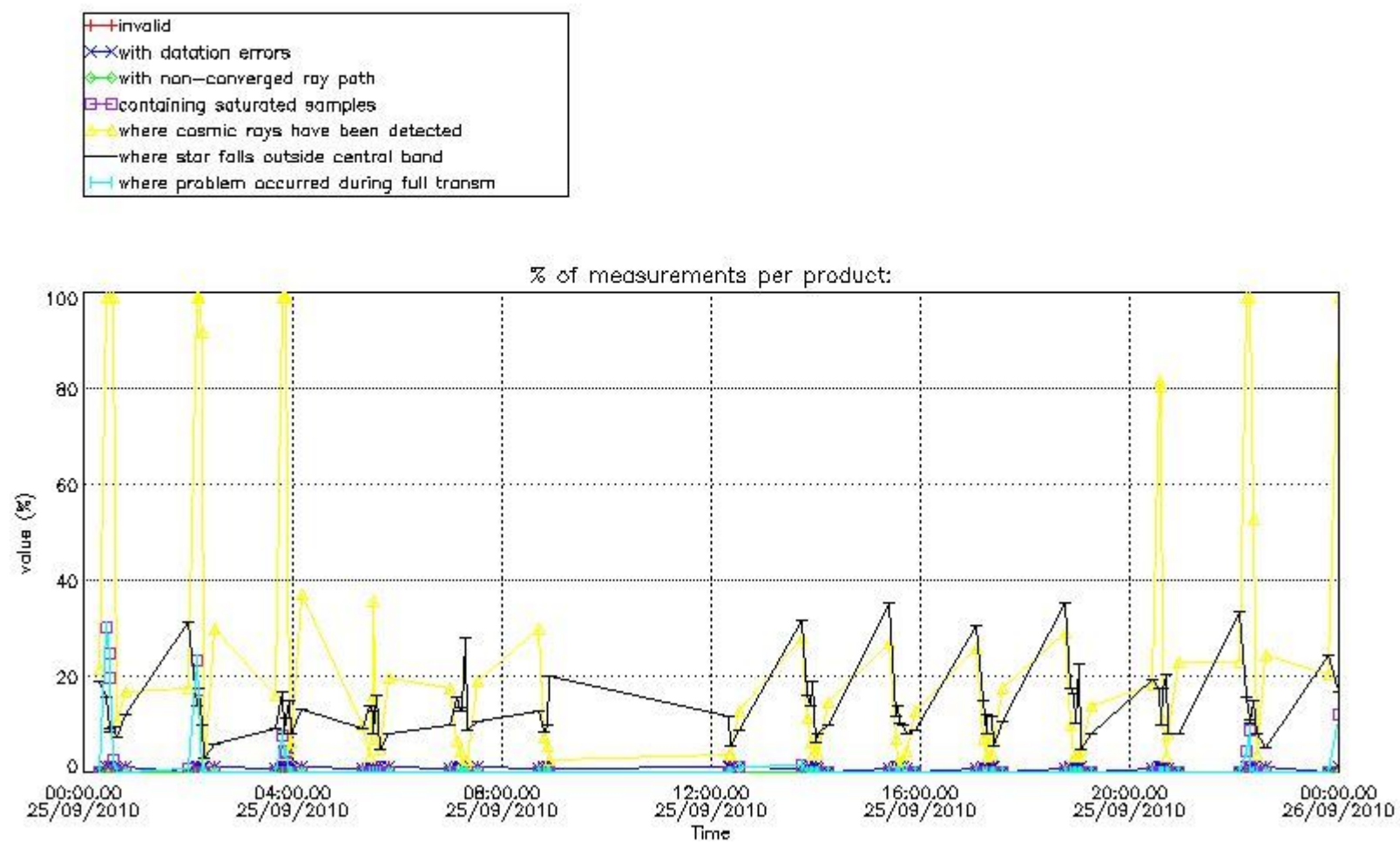


4. Level 1 quality information per product

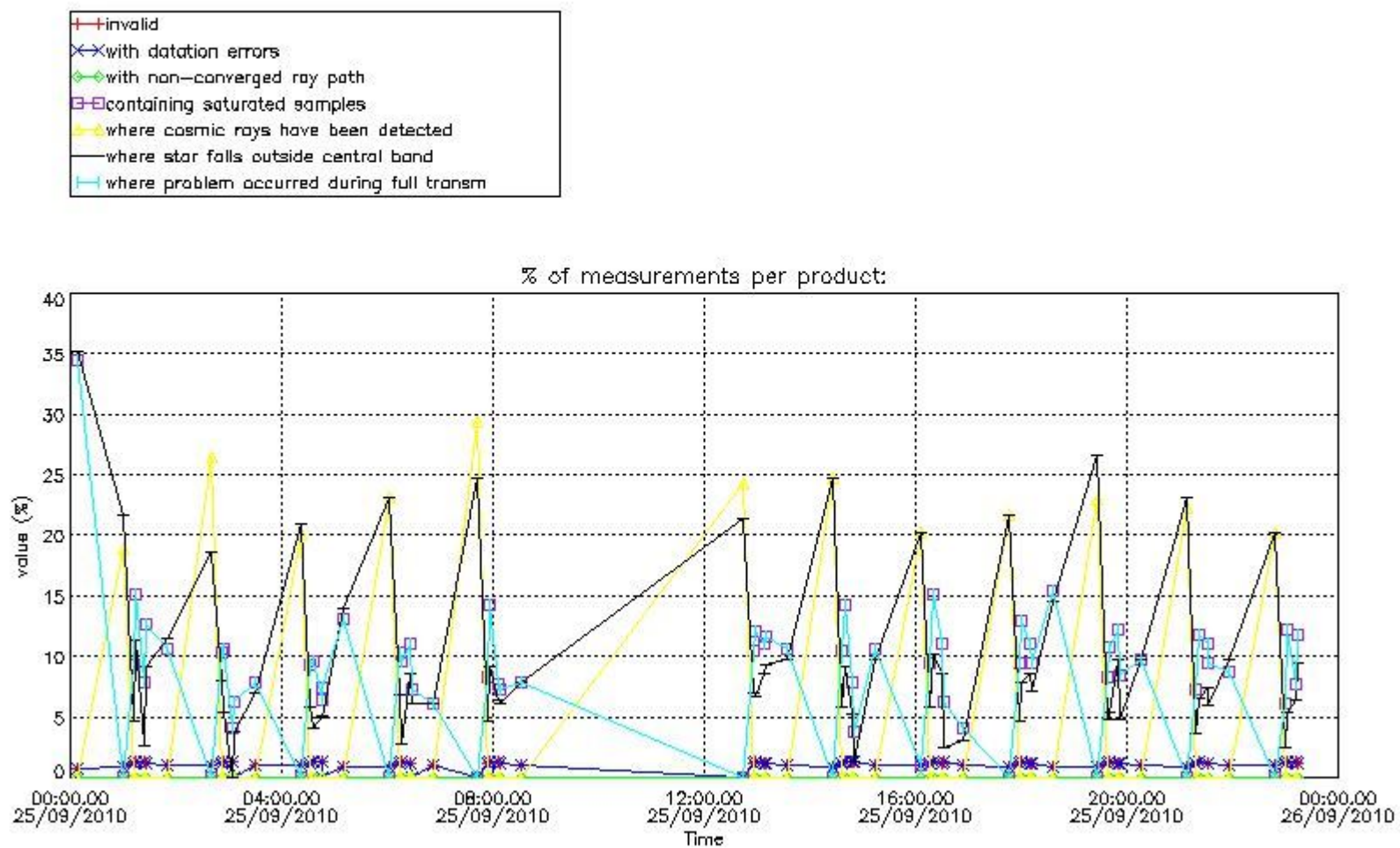
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



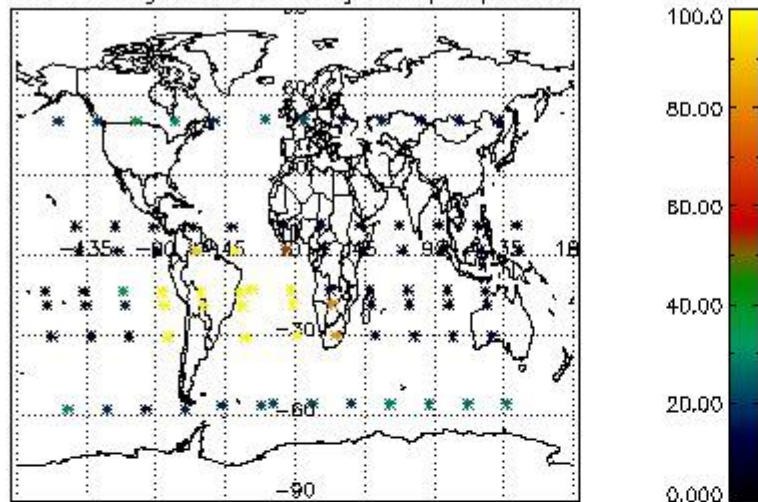
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



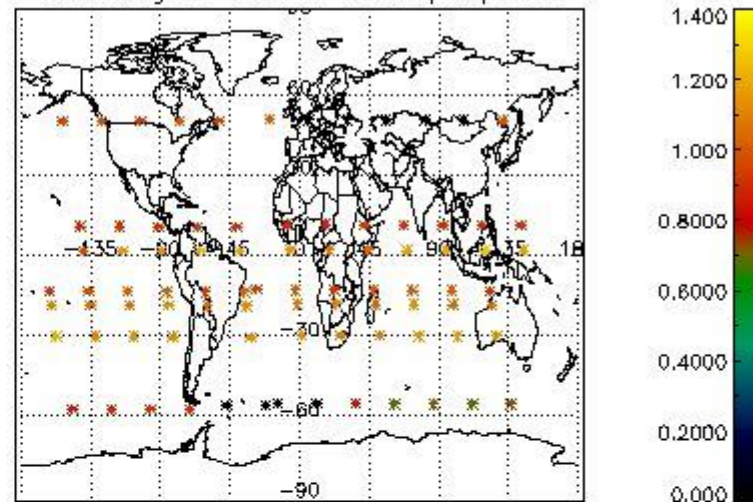
4.2 Plot quality information per product coming from level 1b processing (world map)

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

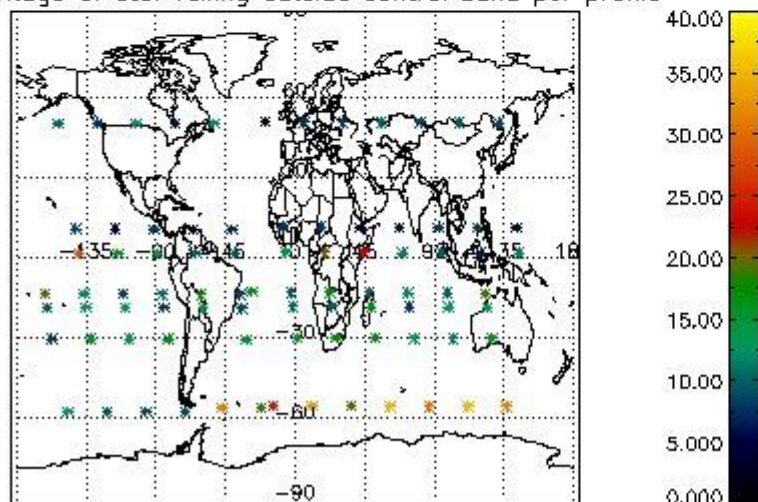
Percentage of cosmic ray hits per profile



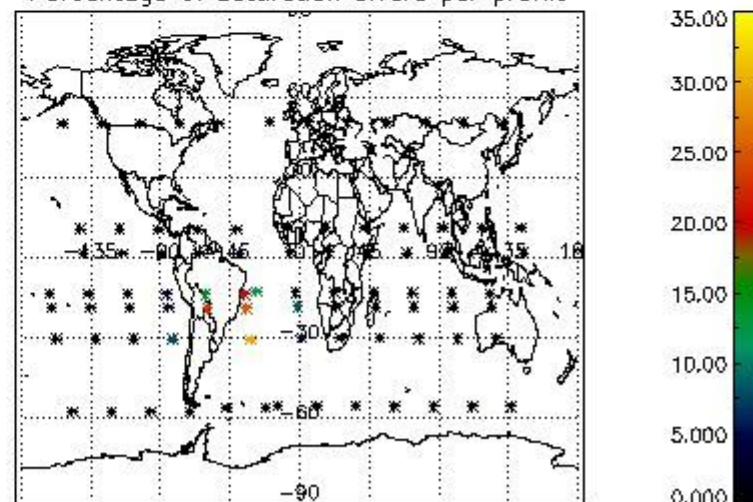
Percentage of datation errors per profile



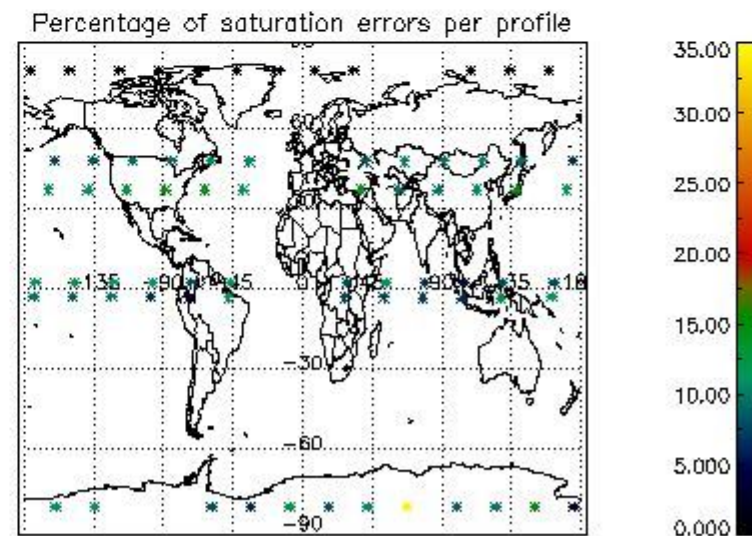
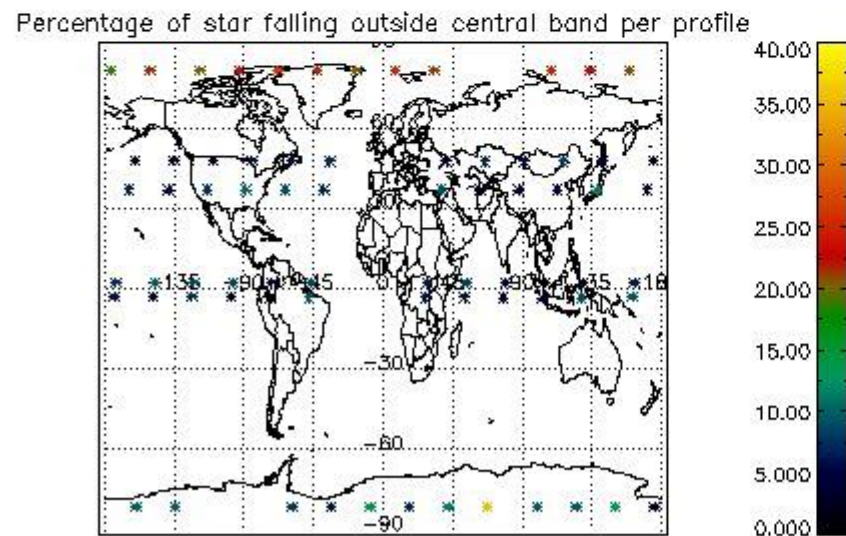
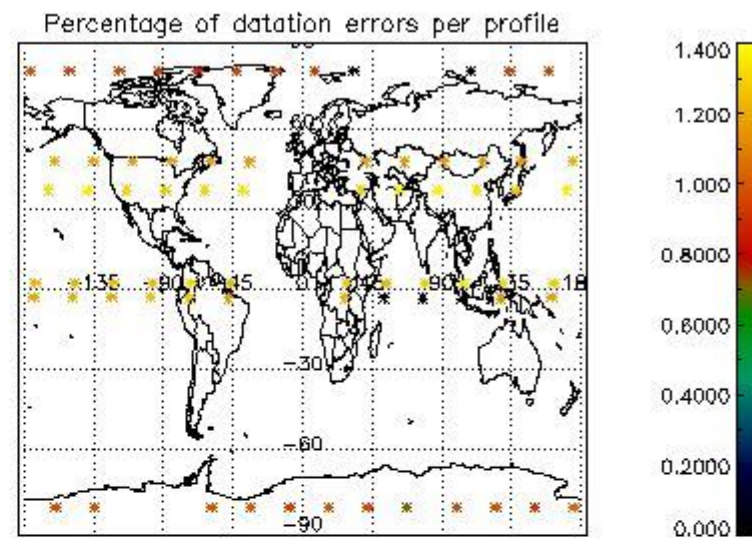
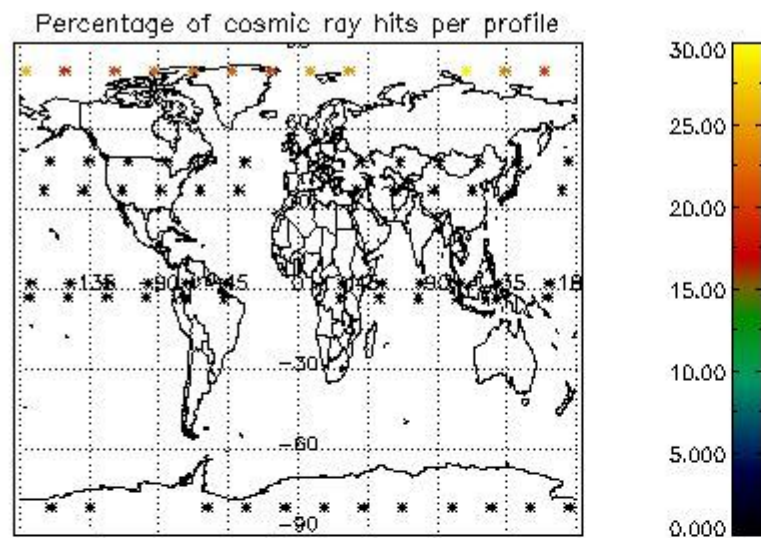
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

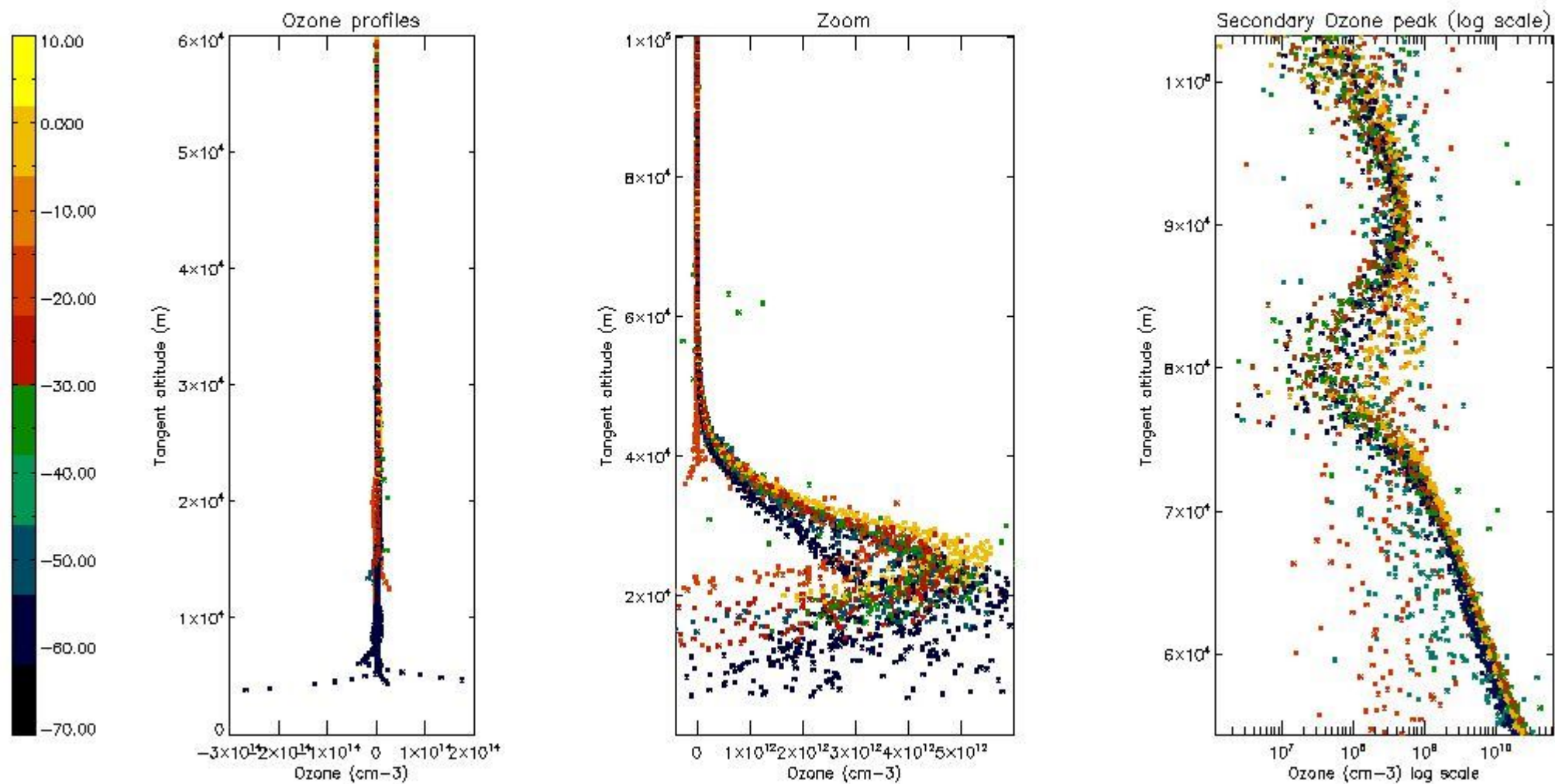
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	50
STD < 20	26

STD < 10	19
STD < 5	14

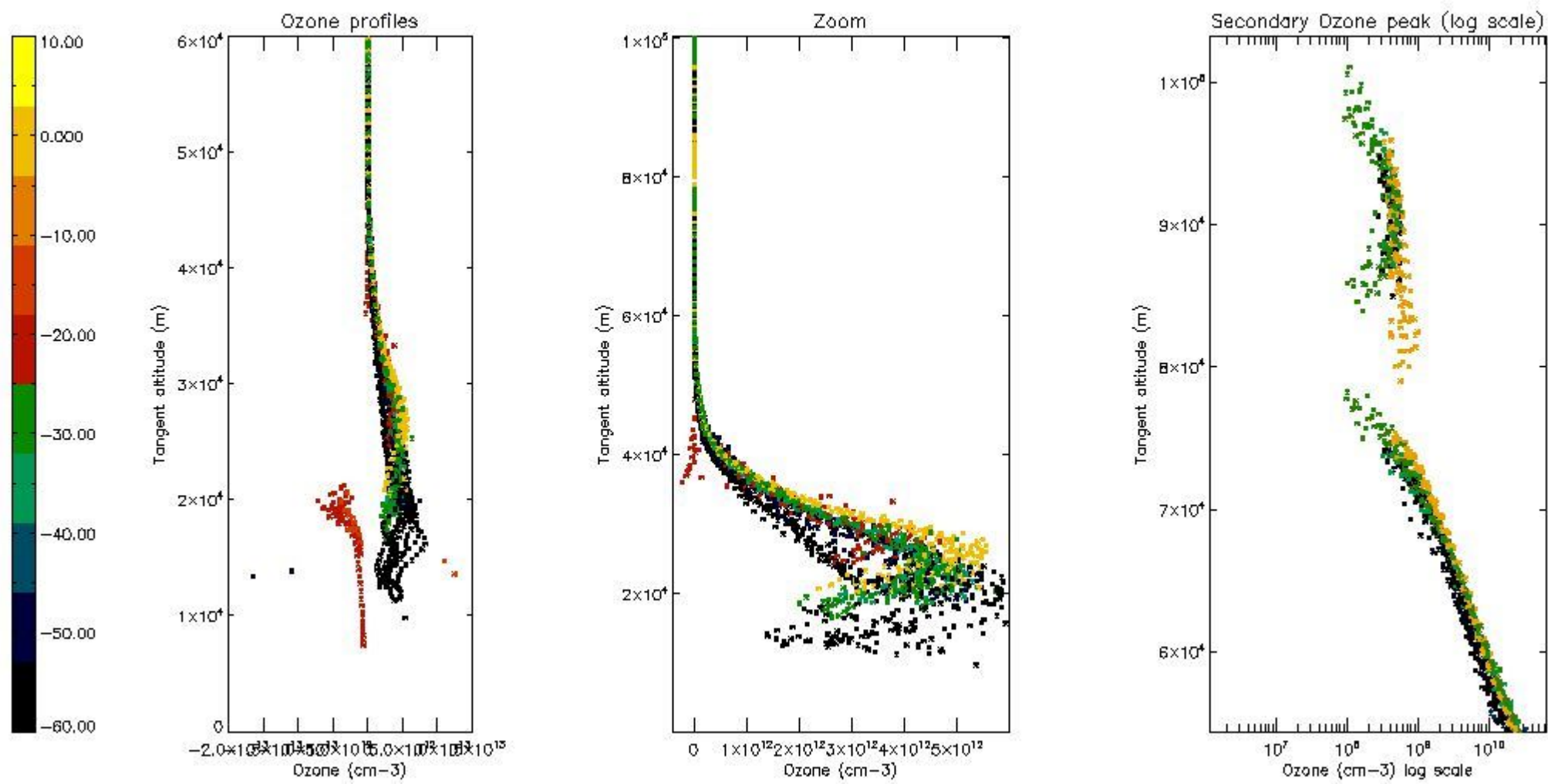
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



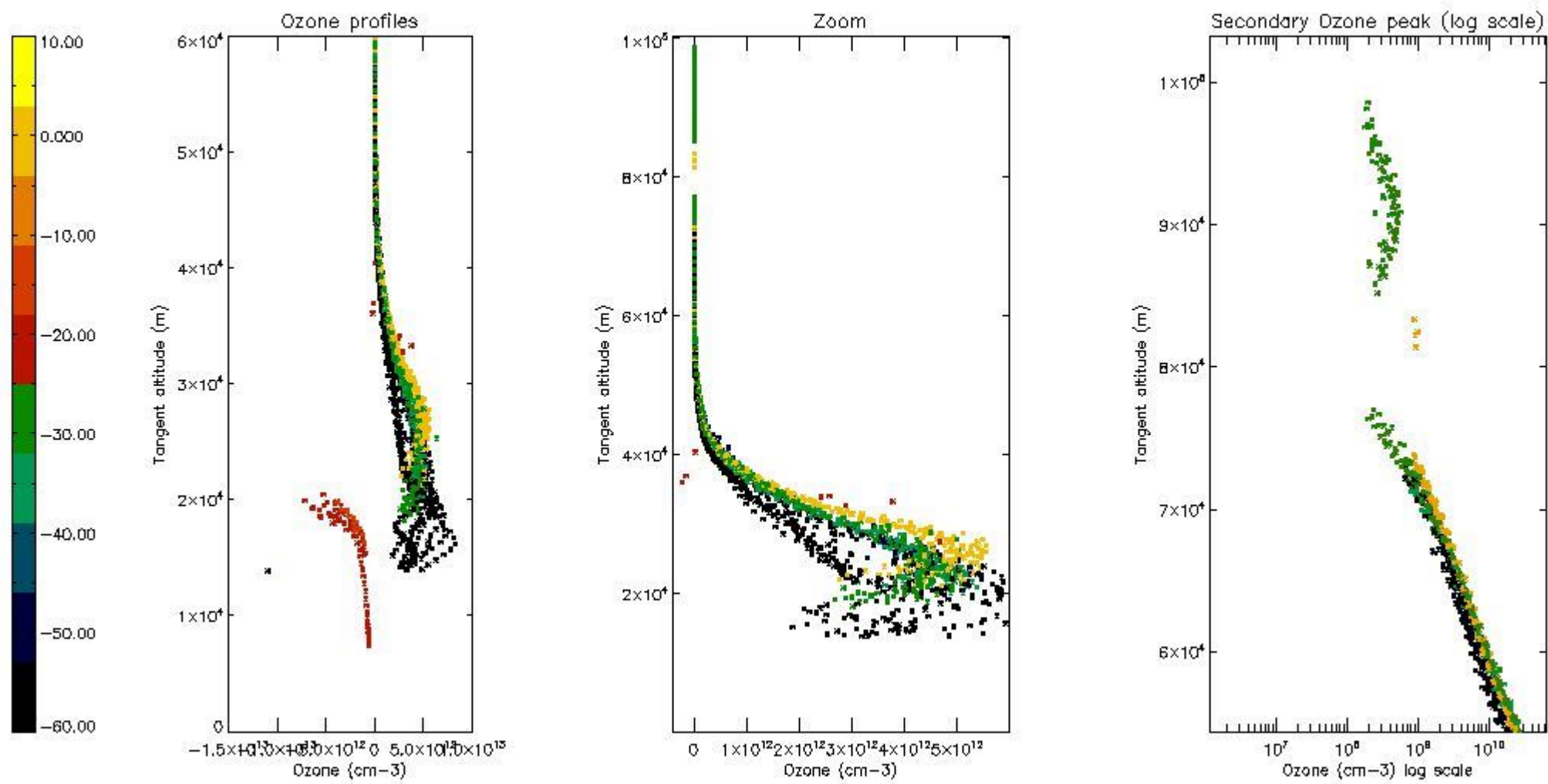
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



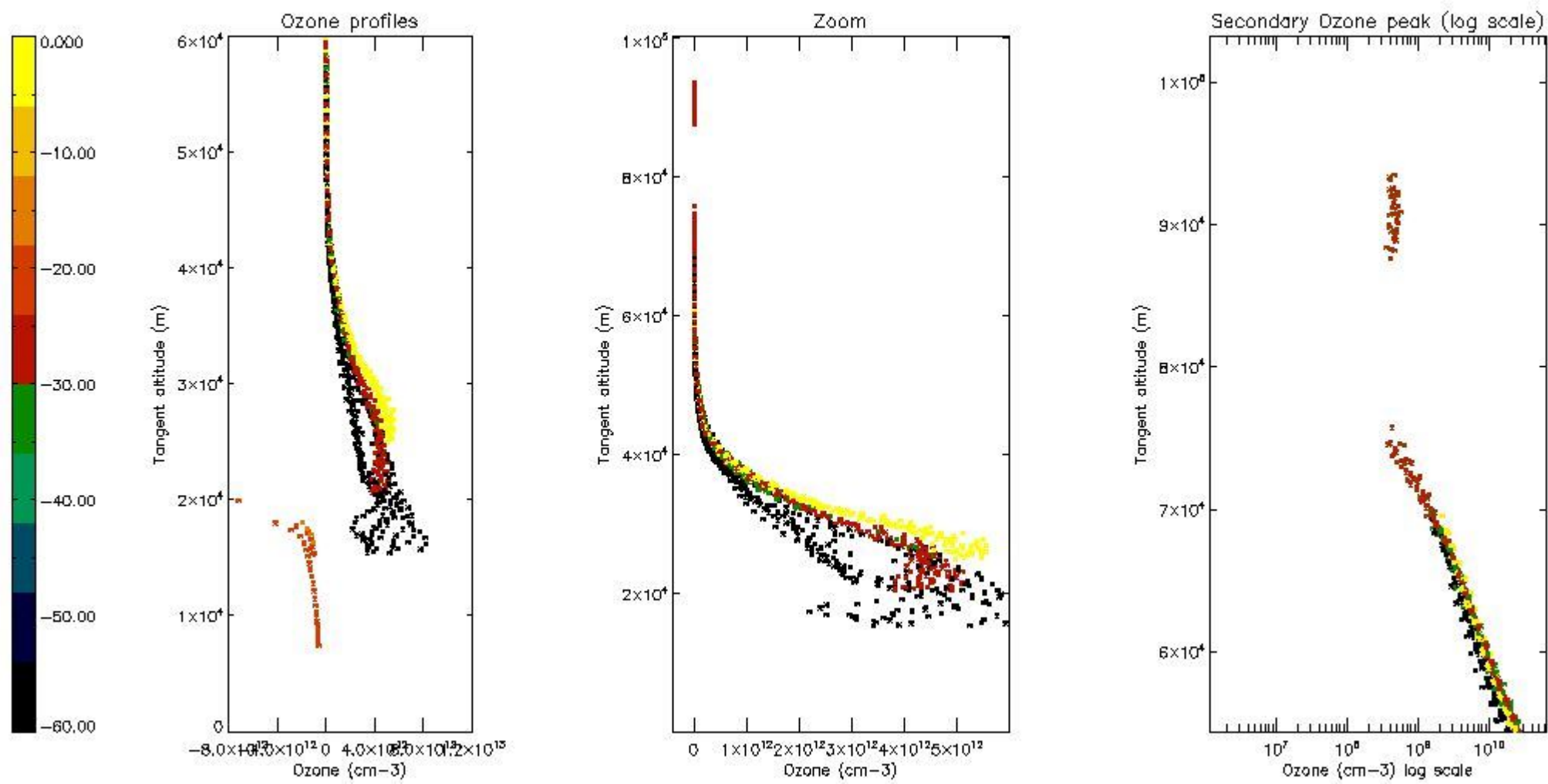
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



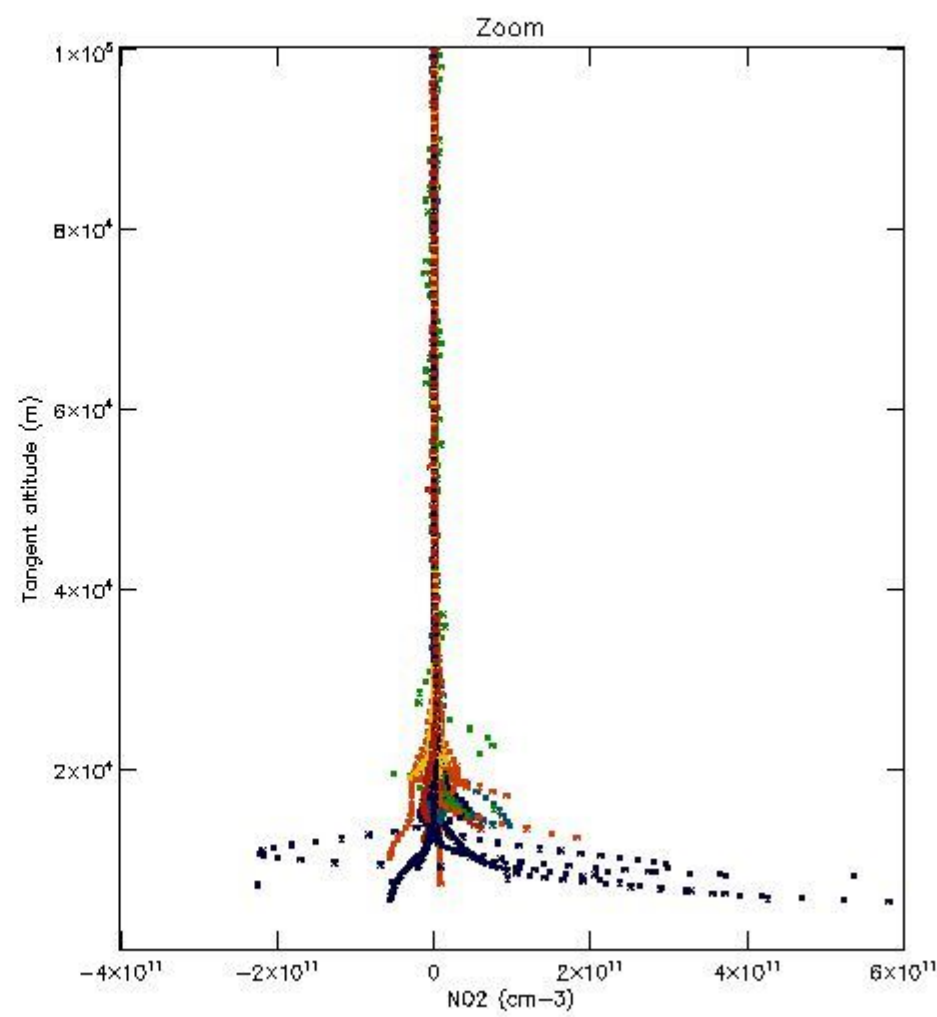
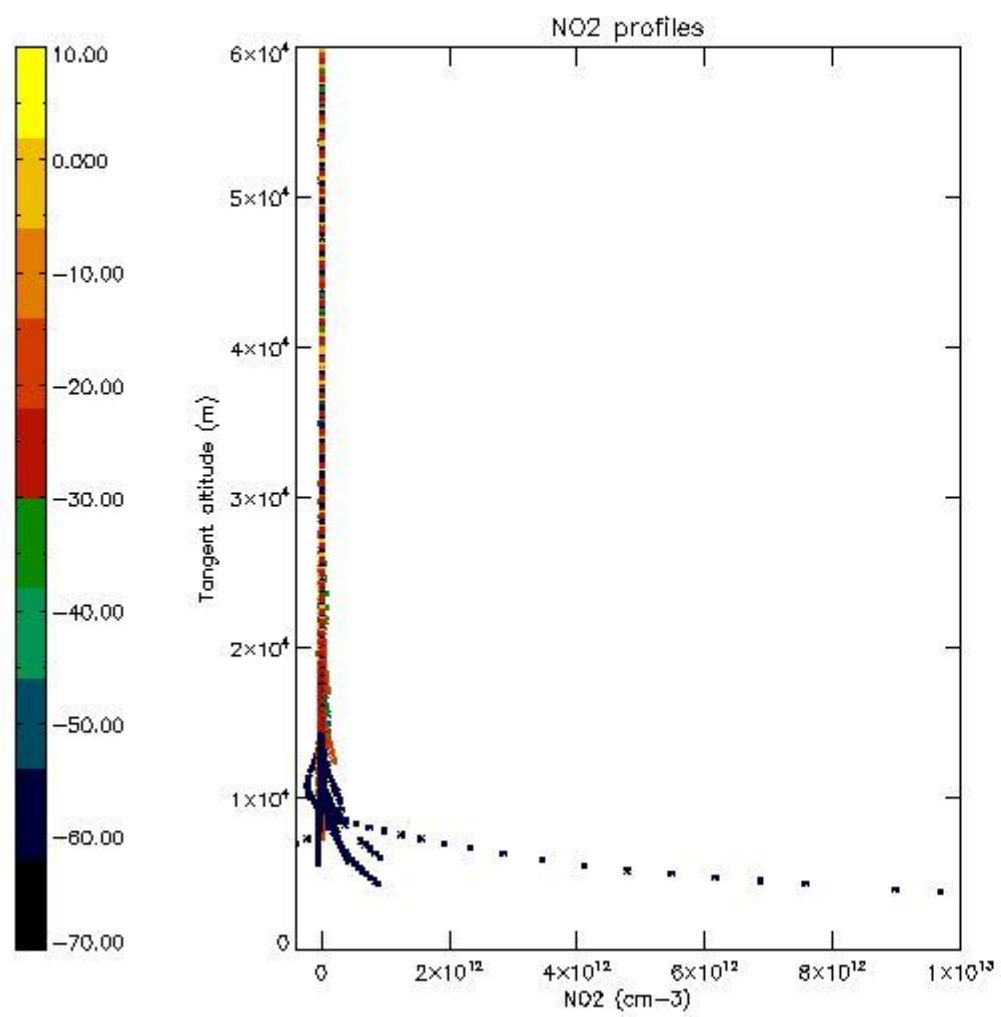
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



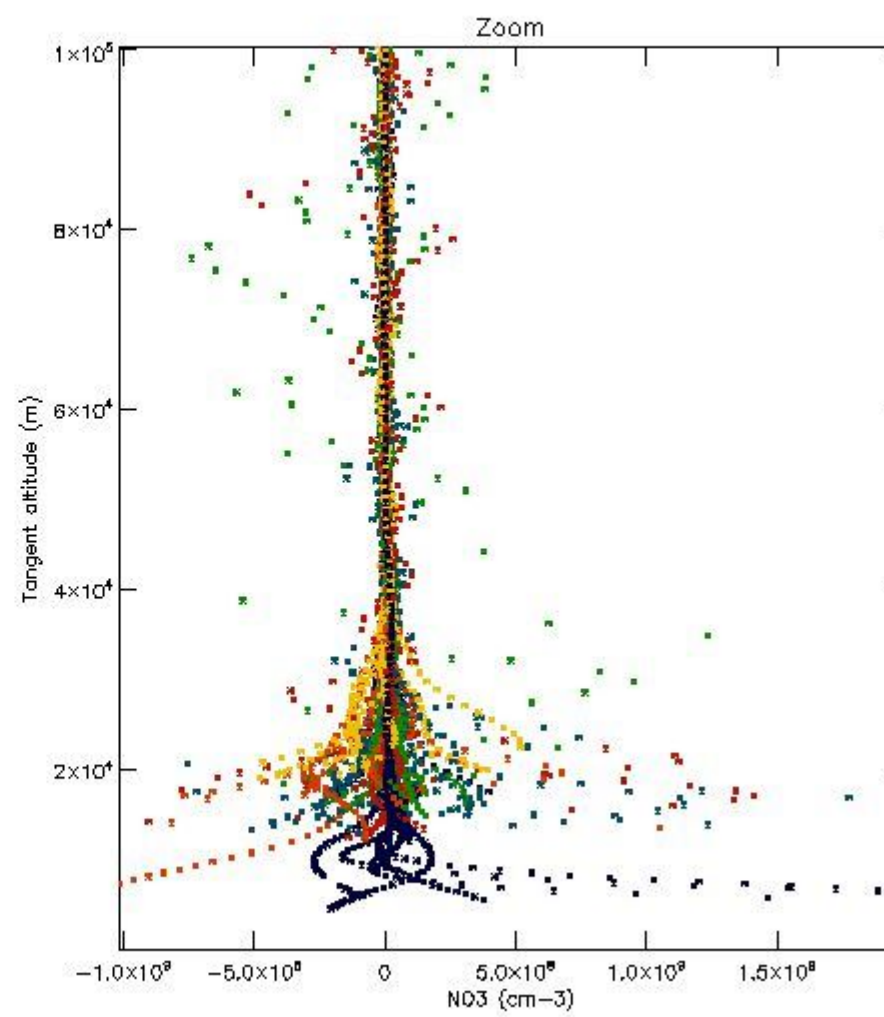
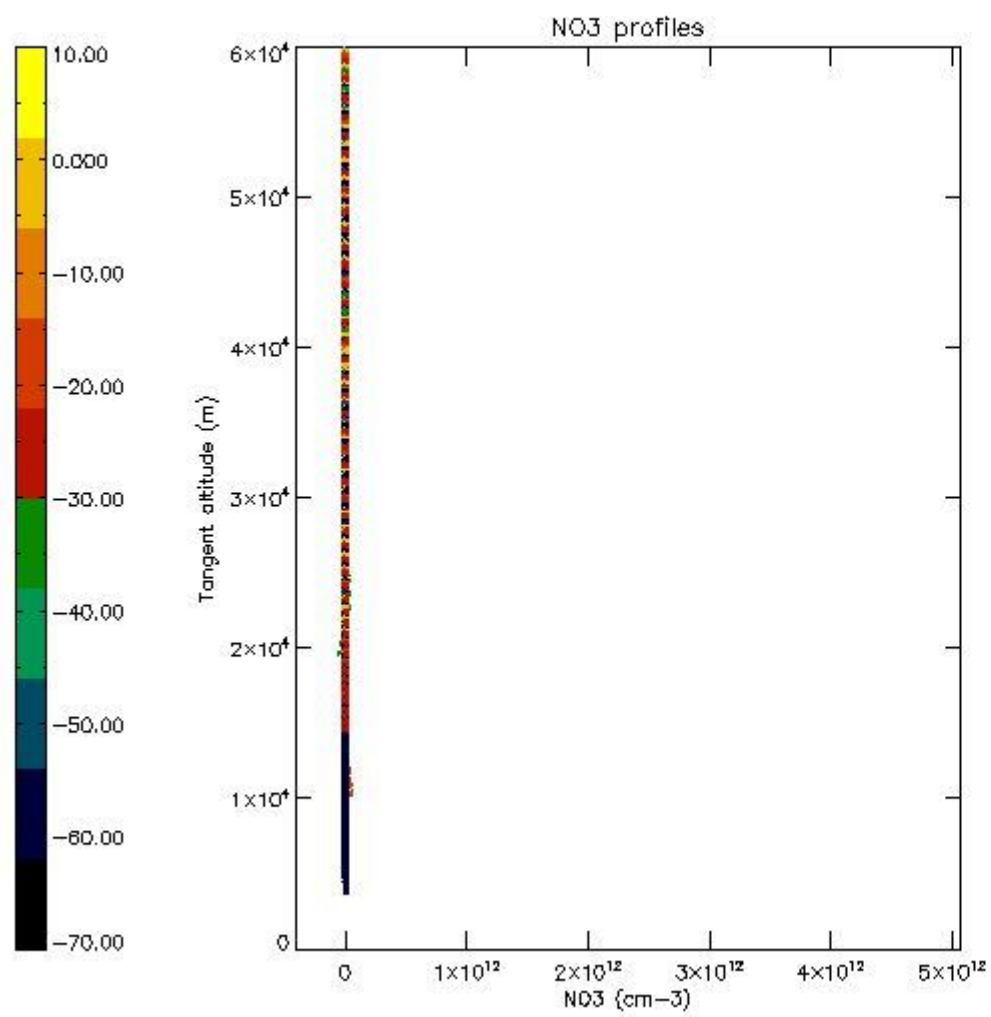
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	25-SEP-2010 00:08:55
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	25-SEP-2010 00:08:55
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	25-SEP-2010 00:08:55

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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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 15:26:56
Data source version	GOMOS/6.01
Start time of products	25-09-2010 (25SEP2010 00:00:00)
Stop time of products	26-09-2010 (26SEP2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	157
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__2PRFIN20100925_000855_000000712093_00159_44802_0503.N1	25-SEP-2010 00:08:55	Bright	71.000	24	66Alp Gem	1.5800	10200.	142	44802	No
2	GOM_NL__2PRFIN20100925_001839_000000592093_00159_44802_0504.N1	25-SEP-2010 00:18:39	Dark	58.500	8	10Alp CMi	0.40000	6500.0	117	44802	No
3	GOM_NL__2PRFIN20100925_002556_000000452093_00159_44802_0505.N1	25-SEP-2010 00:25:56	Dark	45.000	132	15Rho Pup	2.8030	6900.0	90	44802	No
4	GOM_NL__2PRFIN20100925_002912_000000452093_00159_44802_0506.N1	25-SEP-2010 00:29:12	Dark	44.500	88	31Eta CMa	2.4480	20000.	89	44802	No
5	GOM_NL__2PRFIN20100925_003039_000000492093_00159_44802_0507.N1	25-SEP-2010 00:30:39	Dark	48.500	23	21Eps CMa	1.5020	26000.	97	44802	No
6	GOM_NL__2PRFIN20100925_003454_000000422093_00160_44803_0505.N1	25-SEP-2010 00:34:54	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	44803	No
7	GOM_NL__2PRFIN20100925_003726_000000562093_00160_44803_0506.N1	25-SEP-2010 00:37:26	Dark	56.000	108	Alp Col	2.6520	15200.	112	44803	No
8	GOM_NL__2PRFIN20100925_004836_000000542093_00160_44803_0507.N1	25-SEP-2010 00:48:36	Straylight	53.500	157	The1Eri	2.9060	9300.0	107	44803	No
9	GOM_NL__2PRFIN20100925_010017_000000532093_00160_44803_0508.N1	25-SEP-2010 01:00:17	Twilight_stray	53.000	52	16Bet Cet	2.0370	4500.0	106	44803	No
10	GOM_NL__2PRFIN20100925_011122_000000432093_00160_44803_0509.N1	25-SEP-2010 01:11:22	Bright	43.000	140	88Gam Peg	2.8340	26000.	86	44803	No
11	GOM_NL__2PRFIN20100925_011422_000000402093_00160_44803_0510.N1	25-SEP-2010 01:14:22	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	44803	No
12	GOM_NL__2PRFIN20100925_012409_000000392093_00160_44803_0511.N1	25-SEP-2010 01:24:09	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	44803	No
13	GOM_NL__2PRFIN20100925_012542_000000442093_00160_44803_0512.N1	25-SEP-2010 01:25:42	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	44803	No
14	GOM_NL__2PRFIN20100925_014931_000000522093_00160_44803_0513.N1	25-SEP-2010 01:49:31	Bright	52.000	24	66Alp Gem	1.5800	10200.	104	44803	No
15	GOM_NL__2PRFIN20100925_015916_000000692093_00160_44803_0514.N1	25-SEP-2010 01:59:16	Dark	69.000	8	10Alp CMi	0.40000	6500.0	138	44803	No
16	GOM_NL__2PRFIN20100925_020949_000000482093_00160_44803_0515.N1	25-SEP-2010 02:09:49	Dark	47.500	88	31Eta CMa	2.4480	20000.	95	44803	No
17	GOM_NL__2PRFIN20100925_021116_000000542093_00160_44803_0516.N1	25-SEP-2010 02:11:16	Dark	54.000	23	21Eps CMa	1.5020	26000.	108	44803	No
18	GOM_NL__2PRFIN20100925_021531_000000412093_00161_44804_0531.N1	25-SEP-2010 02:15:31	Dark	41.000	161	Tau Pup	2.9310	4500.0	82	44804	No
19	GOM_NL__2PRFIN20100925_021803_000000542093_00161_44804_0532.N1	25-SEP-2010 02:18:03	Dark	53.500	108	Alp Col	2.6520	15200.	107	44804	No
20	GOM_NL__2PRFIN20100925_022913_000000512093_00161_44804_0533.N1	25-SEP-2010 02:29:13	Straylight	50.500	157	The1Eri	2.9060	9300.0	101	44804	No
21	GOM_NL__2PRFIN20100925_024053_000000512093_00161_44804_0534.N1	25-SEP-2010 02:40:53	Twilight_stray	51.000	52	16Bet Cet	2.0370	4500.0	102	44804	No
22	GOM_NL__2PRFIN20100925_025158_000000442093_00161_44804_0535.N1	25-SEP-2010 02:51:58	Bright	43.500	140	88Gam Peg	2.8340	26000.	87	44804	No
23	GOM_NL__2PRFIN20100925_025457_000000382093_00161_44804_0536.N1	25-SEP-2010 02:54:57	Bright	37.500	93	53Bet Peg	2.5200	3100.0	75	44804	No
24	GOM_NL__2PRFIN20100925_030445_000000372093_00161_44804_0537.N1	25-SEP-2010 03:04:45	Bright	37.000	74	11Bet Cas	2.2680	6600.0	74	44804	No
25	GOM_NL__2PRFIN20100925_030617_000000402093_00161_44804_0538.N1	25-SEP-2010 03:06:17	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	44804	No
26	GOM_NL__2PRFIN20100925_033007_000000512093_00161_44804_0539.N1	25-SEP-2010 03:30:07	Bright	50.500	24	66Alp Gem	1.5800	10200.	101	44804	No
27	GOM_NL__2PRFIN20100925_033924_000000562093_00161_44804_0540.N1	25-SEP-2010 03:39:24	Dark	56.000	153	3Bet CMi	2.8940	13100.	112	44804	No
28	GOM_NL__2PRFIN20100925_034710_000000452093_00161_44804_0541.N1	25-SEP-2010 03:47:10	Dark	45.000	132	15Rho Pup	2.8030	6900.0	90	44804	No
29	GOM_NL__2PRFIN20100925_035026_000000452093_00161_44804_0542.N1	25-SEP-2010 03:50:26	Dark	44.500	88	31Eta CMa	2.4480	20000.	89	44804	No
30	GOM_NL__2PRFIN20100925_035153_000000502093_00161_44804_0543.N1	25-SEP-2010 03:51:53	Dark	49.500	23	21Eps CMa	1.5020	26000.	99	44804	No
31	GOM_NL__2PRFIN20100925_035608_000000442093_00162_44805_0543.N1	25-SEP-2010 03:56:08	Dark	44.000	161	Tau Pup	2.9310	4500.0	88	44805	No
32	GOM_NL__2PRFIN20100925_035841_000000562093_00162_44805_0544.N1	25-SEP-2010 03:58:41	Dark	56.000	108	Alp Col	2.6520	15200.	112	44805	No
33	GOM_NL__2PRFIN20100925_040950_000000542093_00162_44805_0545.N1	25-SEP-2010 04:09:50	Straylight	54.000	157	The1Eri	2.9060	9300.0	108	44805	No
34	GOM_NL__2PRFIN20100925_042129_000000532093_00162_44805_0546.N1	25-SEP-2010 04:21:29	Twilight_stray	52.500	52	16Bet Cet	2.0370	4500.0	105	44805	No
35	GOM_NL__2PRFIN20100925_043233_000000432093_00162_44805_0547.N1	25-SEP-2010 04:32:33	Bright	43.000	140	88Gam Peg	2.8340	26000.	86	44805	No
36	GOM_NL__2PRFIN20100925_043534_000000372093_00162_44805_0548.N1	25-SEP-2010 04:35:34	Bright	36.500	93	53Bet Peg	2.5200	3100.0	73	44805	No
37	GOM_NL__2PRFIN20100925_044521_000000392093_00162_44805_0549.N1	25-SEP-2010 04:45:21	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	44805	No
38	GOM_NL__2PRFIN20100925_044653_000000412093_00162_44805_0550.N1	25-SEP-2010 04:46:53	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	44805	No
39	GOM_NL__2PRFIN20100925_051043_000000542093_00162_44805_0551.N1	25-SEP-2010 05:10:43	Bright	53.500	24	66Alp Gem	1.5800	10200.	107	44805	No
40	GOM_NL__2PRFIN20100925_052001_000000562093_00162_44805_0552.N1	25-SEP-2010 05:20:01	Dark	56.000	153	3Bet CMi	2.8940	13100.	112	44805	No
41	GOM_NL__2PRFIN20100925_052746_000000442093_00162_44805_0553.N1	25-SEP-2010 05:27:46	Dark	44.000	132	15Rho Pup	2.8030	6900.0	88	44805	No
42	GOM_NL__2PRFIN20100925_053103_000000472093_00162_44805_0554.N1	25-SEP-2010 05:31:03	Dark	47.000	88	31Eta CMa	2.4480	20000.	94	44805	No

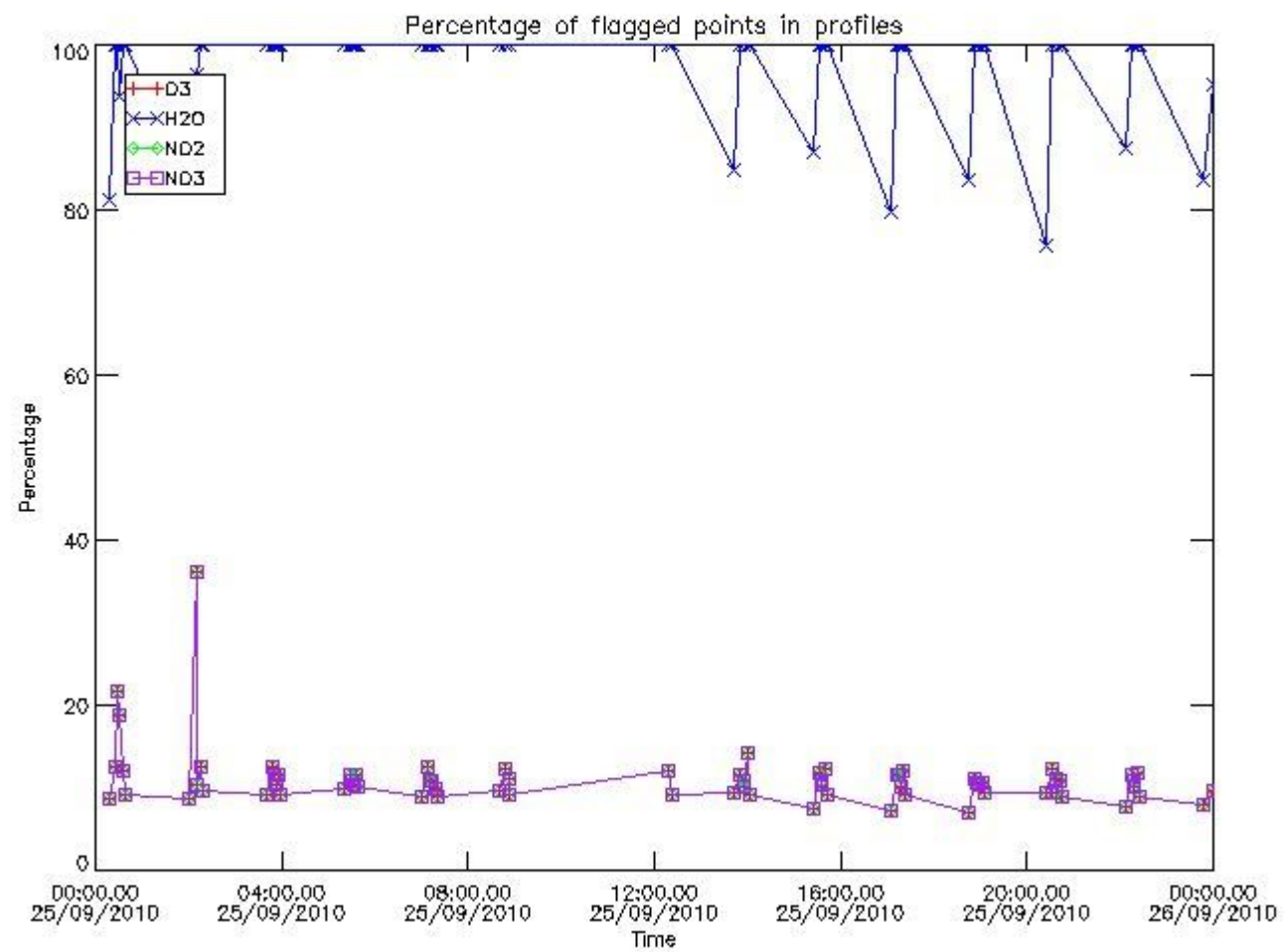
43	GOM_NL__2PRFIN20100925_053230_000000492093_00162_44805_0555.N1	25-SEP-2010 05:32:30	Dark	49.000	23	21Eps CMa	1.5020	26000.	98	44805	No
44	GOM_NL__2PRFIN20100925_053645_000000442093_00163_44806_0557.N1	25-SEP-2010 05:36:45	Dark	44.000	161	Tau Pup	2.9310	4500.0	88	44806	No
45	GOM_NL__2PRFIN20100925_053918_000000552093_00163_44806_0558.N1	25-SEP-2010 05:39:18	Dark	55.000	108	Alp Col	2.6520	15200.	110	44806	No
46	GOM_NL__2PRFIN20100925_055027_000000512093_00163_44806_0559.N1	25-SEP-2010 05:50:27	Straylight	51.000	157	The1Eri	2.9060	9300.0	102	44806	No
47	GOM_NL__2PRFIN20100925_060205_000000542093_00163_44806_0560.N1	25-SEP-2010 06:02:05	Tw_i_and_stray	54.000	52	16Bet Cet	2.0370	4500.0	108	44806	No
48	GOM_NL__2PRFIN20100925_061309_000000442093_00163_44806_0561.N1	25-SEP-2010 06:13:09	Bright	43.500	140	88Gam Peg	2.8340	26000.	87	44806	No
49	GOM_NL__2PRFIN20100925_061609_000000372093_00163_44806_0562.N1	25-SEP-2010 06:16:09	Bright	36.500	93	53Bet Peg	2.5200	3100.0	73	44806	No
50	GOM_NL__2PRFIN20100925_062556_000000412093_00163_44806_0563.N1	25-SEP-2010 06:25:56	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44806	No
51	GOM_NL__2PRFIN20100925_062728_000000412093_00163_44806_0564.N1	25-SEP-2010 06:27:28	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	44806	No
52	GOM_NL__2PRFIN20100925_065120_000000502093_00163_44806_0565.N1	25-SEP-2010 06:51:20	Bright	49.500	24	66Alp Gem	1.5800	10200.	99	44806	No
53	GOM_NL__2PRFIN20100925_070037_000000572093_00163_44806_0566.N1	25-SEP-2010 07:00:37	Dark	57.000	153	3Bet CMI	2.8940	13100.	114	44806	No
54	GOM_NL__2PRFIN20100925_070823_000000452093_00163_44806_0567.N1	25-SEP-2010 07:08:23	Dark	45.000	132	15Rho Pup	2.8030	6900.0	90	44806	No
55	GOM_NL__2PRFIN20100925_071139_000000482093_00163_44806_0568.N1	25-SEP-2010 07:11:39	Dark	47.500	88	31Eta CMa	2.4480	20000.	95	44806	No
56	GOM_NL__2PRFIN20100925_071307_000000522093_00163_44806_0569.N1	25-SEP-2010 07:13:07	Dark	51.500	23	21Eps CMa	1.5020	26000.	103	44806	No
57	GOM_NL__2PRFIN20100925_071721_000000522093_00164_44807_0583.N1	25-SEP-2010 07:17:21	Dark	51.500	161	Tau Pup	2.9310	4500.0	103	44807	No
58	GOM_NL__2PRFIN20100925_071956_000000572093_00164_44807_0584.N1	25-SEP-2010 07:19:56	Dark	56.500	108	Alp Col	2.6520	15200.	113	44807	No
59	GOM_NL__2PRFIN20100925_073104_000000532093_00164_44807_0585.N1	25-SEP-2010 07:31:04	Straylight	52.500	157	The1Eri	2.9060	9300.0	105	44807	No
60	GOM_NL__2PRFIN20100925_074242_000000552093_00164_44807_0586.N1	25-SEP-2010 07:42:42	Tw_i_and_stray	54.500	52	16Bet Cet	2.0370	4500.0	109	44807	No
61	GOM_NL__2PRFIN20100925_075344_000000432093_00164_44807_0587.N1	25-SEP-2010 07:53:44	Bright	42.500	140	88Gam Peg	2.8340	26000.	85	44807	No
62	GOM_NL__2PRFIN20100925_075645_000000392093_00164_44807_0588.N1	25-SEP-2010 07:56:45	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	44807	No
63	GOM_NL__2PRFIN20100925_080632_000000392093_00164_44807_0589.N1	25-SEP-2010 08:06:32	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	44807	No
64	GOM_NL__2PRFIN20100925_080804_000000412093_00164_44807_0590.N1	25-SEP-2010 08:08:04	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	44807	No
65	GOM_NL__2PRFIN20100925_083156_000000512093_00164_44807_0591.N1	25-SEP-2010 08:31:56	Bright	51.000	24	66Alp Gem	1.5800	10200.	102	44807	No
66	GOM_NL__2PRFIN20100925_084114_000000592093_00164_44807_0592.N1	25-SEP-2010 08:41:14	Dark	58.500	153	3Bet CMI	2.8940	13100.	117	44807	No
67	GOM_NL__2PRFIN20100925_084859_000000422093_00164_44807_0593.N1	25-SEP-2010 08:48:59	Dark	41.500	132	15Rho Pup	2.8030	6900.0	83	44807	No
68	GOM_NL__2PRFIN20100925_085216_000000462093_00164_44807_0594.N1	25-SEP-2010 08:52:16	Dark	46.000	88	31Eta CMa	2.4480	20000.	92	44807	No
69	GOM_NL__2PRFIN20100925_085344_000000562093_00164_44807_0595.N1	25-SEP-2010 08:53:44	Dark	55.500	23	21Eps CMa	1.5020	26000.	111	44807	No
70	GOM_NL__2PRFIN20100925_121911_000000432093_00167_44810_0656.N1	25-SEP-2010 12:19:11	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	44810	No
71	GOM_NL__2PRFIN20100925_122148_000000552093_00167_44810_0657.N1	25-SEP-2010 12:21:48	Dark	55.000	108	Alp Col	2.6520	15200.	110	44810	No
72	GOM_NL__2PRFIN20100925_123254_000000512093_00167_44810_0658.N1	25-SEP-2010 12:32:54	Straylight	51.000	157	The1Eri	2.9060	9300.0	102	44810	No
73	GOM_NL__2PRFIN20100925_124430_000000522093_00167_44810_0659.N1	25-SEP-2010 12:44:30	Tw_i_and_stray	51.500	52	16Bet Cet	2.0370	4500.0	103	44810	No
74	GOM_NL__2PRFIN20100925_125531_000000432093_00167_44810_0660.N1	25-SEP-2010 12:55:31	Bright	43.000	140	88Gam Peg	2.8340	26000.	86	44810	No
75	GOM_NL__2PRFIN20100925_125833_000000382093_00167_44810_0661.N1	25-SEP-2010 12:58:33	Bright	37.500	93	53Bet Peg	2.5200	3100.0	75	44810	No
76	GOM_NL__2PRFIN20100925_130819_000000412093_00167_44810_0662.N1	25-SEP-2010 13:08:19	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44810	No
77	GOM_NL__2PRFIN20100925_130950_000000432093_00167_44810_0663.N1	25-SEP-2010 13:09:50	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	44810	No
78	GOM_NL__2PRFIN20100925_133344_000000522093_00167_44810_0664.N1	25-SEP-2010 13:33:44	Bright	51.500	24	66Alp Gem	1.5800	10200.	103	44810	No
79	GOM_NL__2PRFIN20100925_134333_000000702093_00167_44810_0665.N1	25-SEP-2010 13:43:33	Dark	69.500	8	10Alp CMI	0.40000	6500.0	139	44810	No
80	GOM_NL__2PRFIN20100925_135049_000000442093_00167_44810_0666.N1	25-SEP-2010 13:50:49	Dark	44.000	132	15Rho Pup	2.8030	6900.0	88	44810	No
81	GOM_NL__2PRFIN20100925_135407_000000482093_00167_44810_0667.N1	25-SEP-2010 13:54:07	Dark	47.500	88	31Eta CMa	2.4480	20000.	95	44810	No
82	GOM_NL__2PRFIN20100925_135535_000000562093_00167_44810_0668.N1	25-SEP-2010 13:55:35	Dark	55.500	23	21Eps CMa	1.5020	26000.	111	44810	No
83	GOM_NL__2PRFIN20100925_135948_000000402093_00168_44811_0720.N1	25-SEP-2010 13:59:48	Dark	39.500	161	Tau Pup	2.9310	4500.0	79	44811	No
84	GOM_NL__2PRFIN20100925_140225_000000562093_00168_44811_0721.N1	25-SEP-2010 14:02:25	Dark	56.000	108	Alp Col	2.6520	15200.	112	44811	No
85	GOM_NL__2PRFIN20100925_141331_000000522093_00168_44811_0722.N1	25-SEP-2010 14:13:31	Straylight	51.500	157	The1Eri	2.9060	9300.0	103	44811	No
86	GOM_NL__2PRFIN20100925_142506_000000552093_00168_44811_0723.N1	25-SEP-2010 14:25:06	Tw_i_and_stray	54.500	52	16Bet Cet	2.0370	4500.0	109	44811	No
87	GOM_NL__2PRFIN20100925_143607_000000432093_00168_44811_0724.N1	25-SEP-2010 14:36:07	Bright	43.000	140	88Gam Peg	2.8340	26000.	86	44811	No
88	GOM_NL__2PRFIN20100925_143909_000000392093_00168_44811_0725.N1	25-SEP-2010 14:39:09	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	44811	No
89	GOM_NL__2PRFIN20100925_144854_000000392093_00168_44811_0726.N1	25-SEP-2010 14:48:54	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	44811	No
90	GOM_NL__2PRFIN20100925_145026_000000392093_00168_44811_0727.N1	25-SEP-2010 14:50:26	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	44811	No
91	GOM_NL__2PRFIN20100925_151420_000000522093_00168_44811_0728.N1	25-SEP-2010 15:14:20	Bright	51.500	24	66Alp Gem	1.5800	10200.	103	44811	No
92	GOM_NL__2PRFIN20100925_152410_000000742093_00168_44811_0729.N1	25-SEP-2010 15:24:10	Dark	74.000	8	10Alp CMI	0.40000	6500.0	148	44811	No
93	GOM_NL__2PRFIN20100925_153126_000000432093_00168_44811_0730.N1	25-SEP-2010 15:31:26	Dark	43.000	132	15Rho Pup	2.8030	6900.0	86	44811	No
94	GOM_NL__2PRFIN20100925_153444_000000482093_00168_44811_0731.N1	25-SEP-2010 15:34:44	Dark	47.500	88	31Eta CMa	2.4480	20000.	95	44811	No
95	GOM_NL__2PRFIN20100925_153612_000000492093_00168_44811_0732.N1	25-SEP-2010 15:36:12	Dark	49.000	23	21Eps CMa	1.5020	26000.	98	44811	No
96	GOM_NL__2PRFIN20100925_154024_000000422093_00169_44812_0748.N1	25-SEP-2010 15:40:24	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	44812	No
97	GOM_NL__2PRFIN20100925_154302_000000562093_00169_44812_0749.N1	25-SEP-2010 15:43:02	Dark	56.000	108	Alp Col	2.6520	15200.	112	44812	No
98	GOM_NL__2PRFIN20100925_155408_000000512093_00169_44812_0750.N1	25-SEP-2010 15:54:08	Straylight	51.000	157	The1Eri	2.9060	9300.0	102	44812	No
99	GOM_NL__2PRFIN20100925_160542_000000522093_00169_44812_0751.N1	25-SEP-2010 16:05:42	Tw_i_and_stray	52.000	52	16Bet Cet	2.0370	4500.0	104	44812	No
100	GOM_NL__2PRFIN20100925_161642_000000432093_00169_44812_0752.N1	25-SEP-2010 16:16:42	Bright	42.500	140	88Gam Peg	2.8340	26000.	85	44812	No
101	GOM_NL__2PRFIN20100925_161944_000000402093_00169_44812_0753.N1	25-SEP-2010 16:19:44	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	44812	No

102	GOM_NL__2PRFIN20100925_162930_000000412093_00169_44812_0754.N1	25-SEP-2010 16:29:30	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44812	No
103	GOM_NL__2PRFIN20100925_163101_000000402093_00169_44812_0755.N1	25-SEP-2010 16:31:01	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	44812	No
104	GOM_NL__2PRFIN20100925_165456_000000492093_00169_44812_0756.N1	25-SEP-2010 16:54:56	Bright	48.500	24	66Alp Gem	1.5800	10200.	97	44812	No
105	GOM_NL__2PRFIN20100925_170447_000000702093_00169_44812_0757.N1	25-SEP-2010 17:04:47	Dark	70.000	8	10Alp CMi	0.40000	6500.0	140	44812	No
106	GOM_NL__2PRFIN20100925_171202_000000442093_00169_44812_0758.N1	25-SEP-2010 17:12:02	Dark	44.000	132	15Rho Pup	2.8030	6900.0	88	44812	No
107	GOM_NL__2PRFIN20100925_171520_000000442093_00169_44812_0759.N1	25-SEP-2010 17:15:20	Dark	44.000	88	31Eta CMa	2.4480	20000.	88	44812	No
108	GOM_NL__2PRFIN20100925_171649_000000512093_00169_44812_0760.N1	25-SEP-2010 17:16:49	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	44812	No
109	GOM_NL__2PRFIN20100925_172101_000000432093_00170_44813_0775.N1	25-SEP-2010 17:21:01	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	44813	No
110	GOM_NL__2PRFIN20100925_172340_000000552093_00170_44813_0776.N1	25-SEP-2010 17:23:40	Dark	55.000	108	Alp Col	2.6520	15200.	110	44813	No
111	GOM_NL__2PRFIN20100925_173444_000000522093_00170_44813_0777.N1	25-SEP-2010 17:34:44	Straylight	52.000	157	The1Eri	2.9060	9300.0	104	44813	No
112	GOM_NL__2PRFIN20100925_174618_000000532093_00170_44813_0778.N1	25-SEP-2010 17:46:18	Tw_i_and_stray	53.000	52	16Bet Cet	2.0370	4500.0	106	44813	No
113	GOM_NL__2PRFIN20100925_175718_000000432093_00170_44813_0779.N1	25-SEP-2010 17:57:18	Bright	42.500	140	88Gam Peg	2.8340	26000.	85	44813	No
114	GOM_NL__2PRFIN20100925_180020_000000392093_00170_44813_0780.N1	25-SEP-2010 18:00:20	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	44813	No
115	GOM_NL__2PRFIN20100925_181005_000000412093_00170_44813_0781.N1	25-SEP-2010 18:10:05	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44813	No
116	GOM_NL__2PRFIN20100925_181137_000000422093_00170_44813_0782.N1	25-SEP-2010 18:11:37	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	44813	No
117	GOM_NL__2PRFIN20100925_183532_000000552093_00170_44813_0783.N1	25-SEP-2010 18:35:32	Bright	55.000	24	66Alp Gem	1.5800	10200.	110	44813	No
118	GOM_NL__2PRFIN20100925_184523_000000742093_00170_44813_0784.N1	25-SEP-2010 18:45:23	Dark	74.000	8	10Alp CMi	0.40000	6500.0	148	44813	No
119	GOM_NL__2PRFIN20100925_185239_000000462093_00170_44813_0785.N1	25-SEP-2010 18:52:39	Dark	46.000	132	15Rho Pup	2.8030	6900.0	92	44813	No
120	GOM_NL__2PRFIN20100925_185557_000000492093_00170_44813_0786.N1	25-SEP-2010 18:55:57	Dark	48.500	88	31Eta CMa	2.4480	20000.	97	44813	No
121	GOM_NL__2PRFIN20100925_185726_000000502093_00170_44813_0787.N1	25-SEP-2010 18:57:26	Dark	49.500	23	21Eps CMa	1.5020	26000.	99	44813	No
122	GOM_NL__2PRFIN20100925_190138_000000492093_00171_44814_0803.N1	25-SEP-2010 19:01:38	Dark	48.500	161	Tau Pup	2.9310	4500.0	97	44814	No
123	GOM_NL__2PRFIN20100925_190417_000000542093_00171_44814_0804.N1	25-SEP-2010 19:04:17	Dark	54.000	108	Alp Col	2.6520	15200.	108	44814	No
124	GOM_NL__2PRFIN20100925_191521_000000512093_00171_44814_0805.N1	25-SEP-2010 19:15:21	Straylight	50.500	157	The1Eri	2.9060	9300.0	101	44814	No
125	GOM_NL__2PRFIN20100925_192654_000000572093_00171_44814_0806.N1	25-SEP-2010 19:26:54	Tw_i_and_stray	56.500	52	16Bet Cet	2.0370	4500.0	113	44814	No
126	GOM_NL__2PRFIN20100925_193754_000000422093_00171_44814_0807.N1	25-SEP-2010 19:37:54	Bright	42.000	140	88Gam Peg	2.8340	26000.	84	44814	No
127	GOM_NL__2PRFIN20100925_194056_000000372093_00171_44814_0808.N1	25-SEP-2010 19:40:56	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	44814	No
128	GOM_NL__2PRFIN20100925_195041_000000412093_00171_44814_0809.N1	25-SEP-2010 19:50:41	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	44814	No
129	GOM_NL__2PRFIN20100925_195212_000000422093_00171_44814_0810.N1	25-SEP-2010 19:52:12	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	44814	No
130	GOM_NL__2PRFIN20100925_201608_000000522093_00171_44814_0811.N1	25-SEP-2010 20:16:08	Bright	51.500	24	66Alp Gem	1.5800	10200.	103	44814	No
131	GOM_NL__2PRFIN20100925_202600_000000602093_00171_44814_0812.N1	25-SEP-2010 20:26:00	Dark	60.000	8	10Alp CMi	0.40000	6500.0	120	44814	No
132	GOM_NL__2PRFIN20100925_203316_000000462093_00171_44814_0813.N1	25-SEP-2010 20:33:16	Dark	46.000	132	15Rho Pup	2.8030	6900.0	92	44814	No
133	GOM_NL__2PRFIN20100925_203634_000000462093_00171_44814_0814.N1	25-SEP-2010 20:36:34	Dark	45.500	88	31Eta CMa	2.4480	20000.	91	44814	No
134	GOM_NL__2PRFIN20100925_203803_000000552093_00171_44814_0815.N1	25-SEP-2010 20:38:03	Dark	54.500	23	21Eps CMa	1.5020	26000.	109	44814	No
135	GOM_NL__2PRFIN20100925_204214_000000472093_00172_44815_0958.N1	25-SEP-2010 20:42:14	Dark	46.500	161	Tau Pup	2.9310	4500.0	93	44815	No
136	GOM_NL__2PRFIN20100925_204454_000000572093_00172_44815_0959.N1	25-SEP-2010 20:44:54	Dark	57.000	108	Alp Col	2.6520	15200.	114	44815	No
137	GOM_NL__2PRFIN20100925_205558_000000512093_00172_44815_0960.N1	25-SEP-2010 20:55:58	Straylight	50.500	157	The1Eri	2.9060	9300.0	101	44815	No
138	GOM_NL__2PRFIN20100925_210730_000000542093_00172_44815_0961.N1	25-SEP-2010 21:07:30	Tw_i_and_stray	54.000	52	16Bet Cet	2.0370	4500.0	108	44815	No
139	GOM_NL__2PRFIN20100925_211829_000000422093_00172_44815_0962.N1	25-SEP-2010 21:18:29	Bright	41.500	140	88Gam Peg	2.8340	26000.	83	44815	No
140	GOM_NL__2PRFIN20100925_212132_000000382093_00172_44815_0963.N1	25-SEP-2010 21:21:32	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	44815	No
141	GOM_NL__2PRFIN20100925_213117_000000412093_00172_44815_0964.N1	25-SEP-2010 21:31:17	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44815	No
142	GOM_NL__2PRFIN20100925_213247_000000422093_00172_44815_0965.N1	25-SEP-2010 21:32:47	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	44815	No
143	GOM_NL__2PRFIN20100925_215644_000000522093_00172_44815_0966.N1	25-SEP-2010 21:56:44	Bright	51.500	24	66Alp Gem	1.5800	10200.	103	44815	No
144	GOM_NL__2PRFIN20100925_220637_000000722093_00172_44815_0967.N1	25-SEP-2010 22:06:37	Dark	72.000	8	10Alp CMi	0.40000	6500.0	144	44815	No
145	GOM_NL__2PRFIN20100925_221352_000000452093_00172_44815_0968.N1	25-SEP-2010 22:13:52	Dark	44.500	132	15Rho Pup	2.8030	6900.0	89	44815	No
146	GOM_NL__2PRFIN20100925_221711_000000472093_00172_44815_0969.N1	25-SEP-2010 22:17:11	Dark	46.500	88	31Eta CMa	2.4480	20000.	93	44815	No
147	GOM_NL__2PRFIN20100925_221840_000000502093_00172_44815_0970.N1	25-SEP-2010 22:18:40	Dark	50.000	23	21Eps CMa	1.5020	26000.	100	44815	No
148	GOM_NL__2PRFIN20100925_222251_000000442093_00173_44816_0929.N1	25-SEP-2010 22:22:51	Dark	43.500	161	Tau Pup	2.9310	4500.0	87	44816	No
149	GOM_NL__2PRFIN20100925_222532_000000572093_00173_44816_0930.N1	25-SEP-2010 22:25:32	Dark	56.500	108	Alp Col	2.6520	15200.	113	44816	No
150	GOM_NL__2PRFIN20100925_223635_000000502093_00173_44816_0931.N1	25-SEP-2010 22:36:35	Straylight	49.500	157	The1Eri	2.9060	9300.0	99	44816	No
151	GOM_NL__2PRFIN20100925_224806_000000522093_00173_44816_0932.N1	25-SEP-2010 22:48:06	Tw_i_and_stray	52.000	52	16Bet Cet	2.0370	4500.0	104	44816	No
152	GOM_NL__2PRFIN20100925_225905_000000412093_00173_44816_0933.N1	25-SEP-2010 22:59:05	Bright	41.000	140	88Gam Peg	2.8340	26000.	82	44816	No
153	GOM_NL__2PRFIN20100925_230208_000000372093_00173_44816_0934.N1	25-SEP-2010 23:02:08	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	44816	No
154	GOM_NL__2PRFIN20100925_231152_000000392093_00173_44816_0935.N1	25-SEP-2010 23:11:52	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	44816	No
155	GOM_NL__2PRFIN20100925_231323_000000432093_00173_44816_0936.N1	25-SEP-2010 23:13:23	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	44816	No
156	GOM_NL__2PRFIN20100925_234713_000000642093_00173_44816_0937.N1	25-SEP-2010 23:47:13	Dark	64.000	8	10Alp CMi	0.40000	6500.0	128	44816	No
157	GOM_NL__2PRFIN20100925_235917_000000542093_00173_44816_0938.N1	25-SEP-2010 23:59:17	Dark	53.500	23	21Eps CMa	1.5020	26000.	107	44816	No

3. Quality information per product

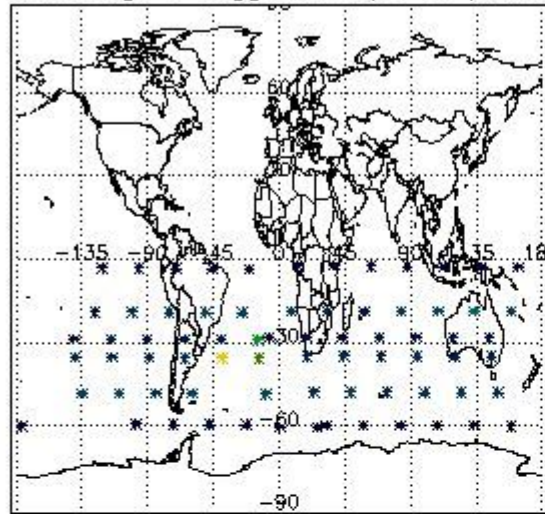
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

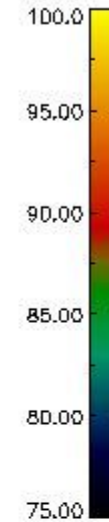
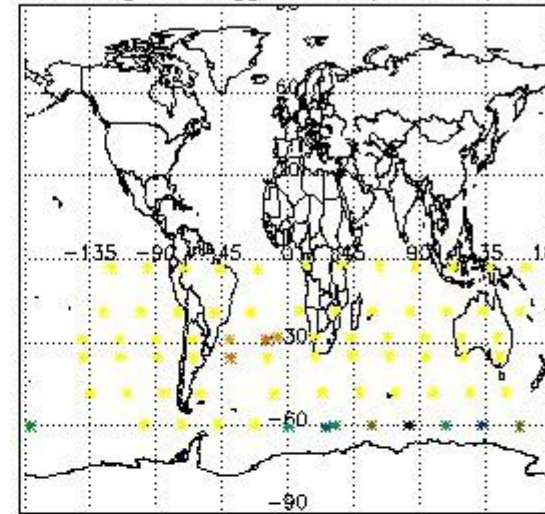


3.2 Plot quality information per product (world map)

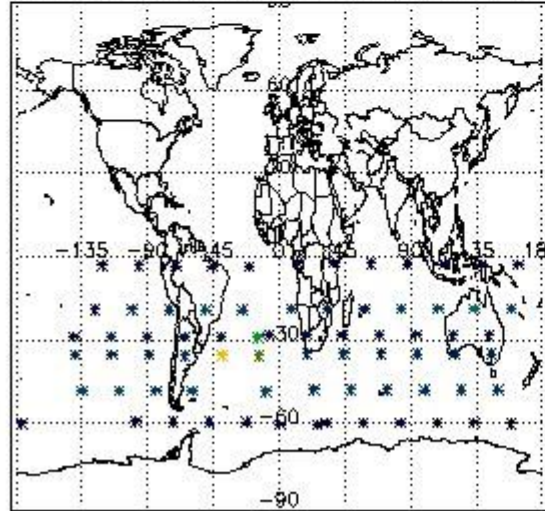
Percentage of flagged data per O3 profile



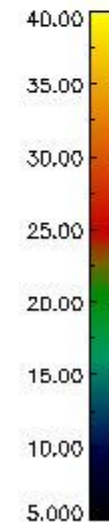
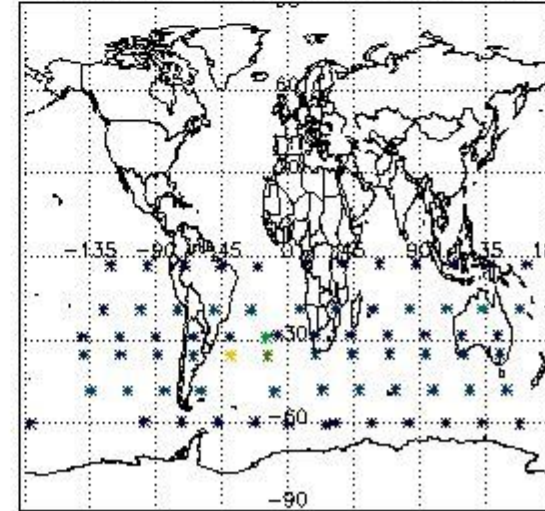
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

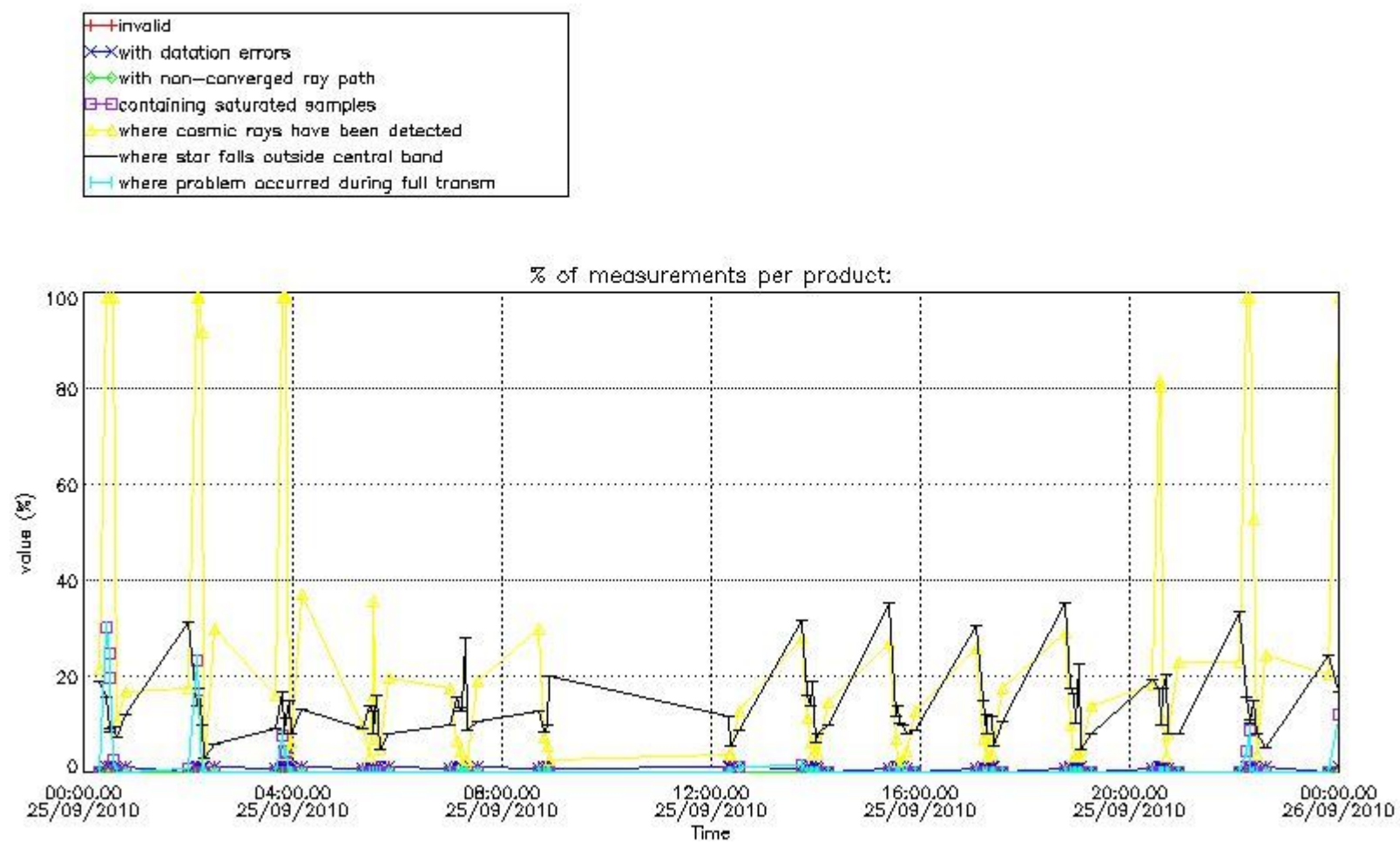


4. Level 1 quality information per product

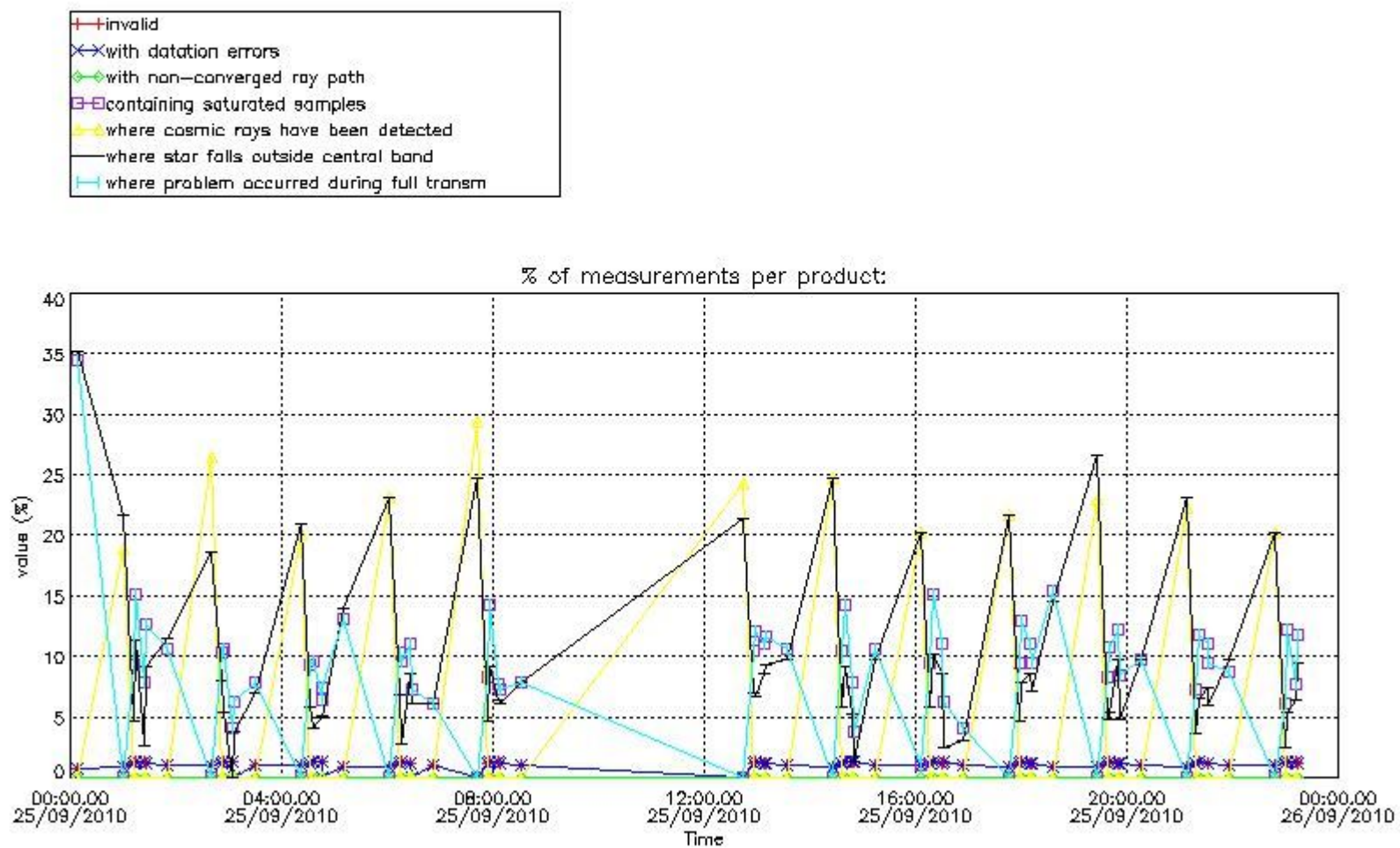
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



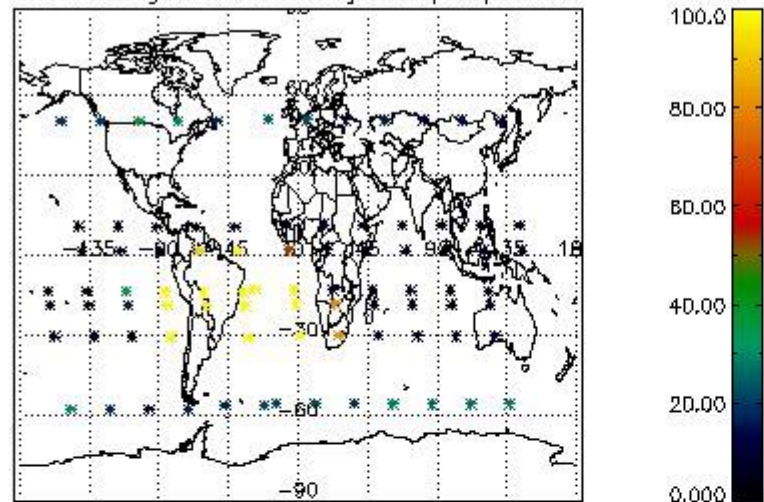
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



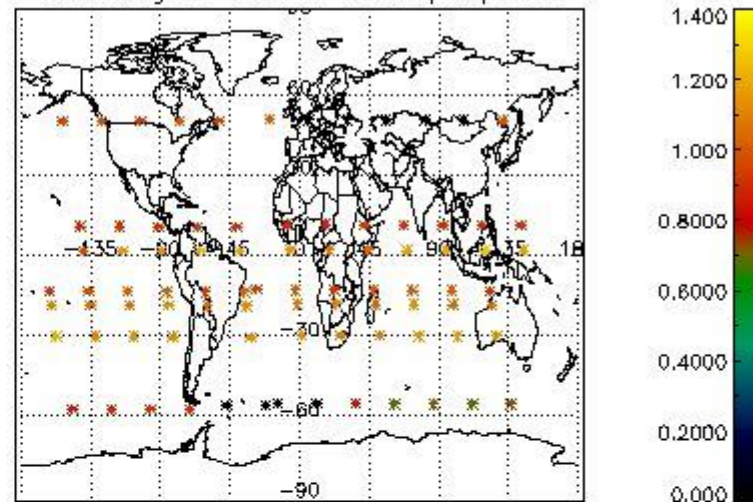
4.2 Plot quality information per product coming from level 1b processing (world map)

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

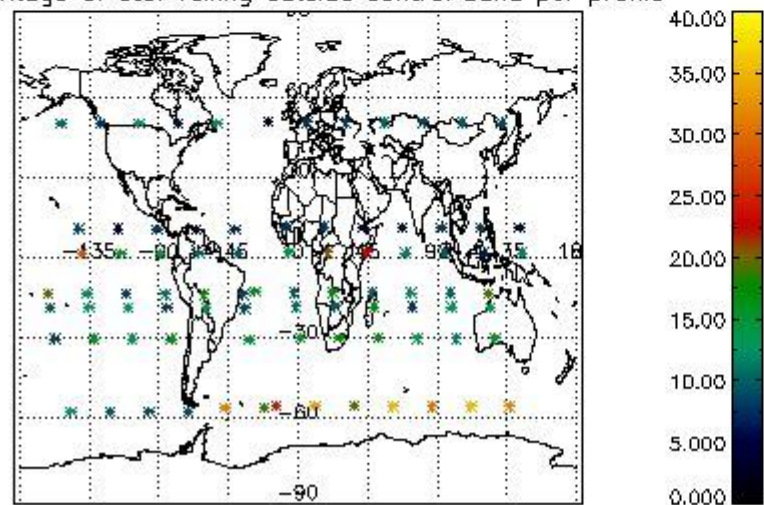
Percentage of cosmic ray hits per profile



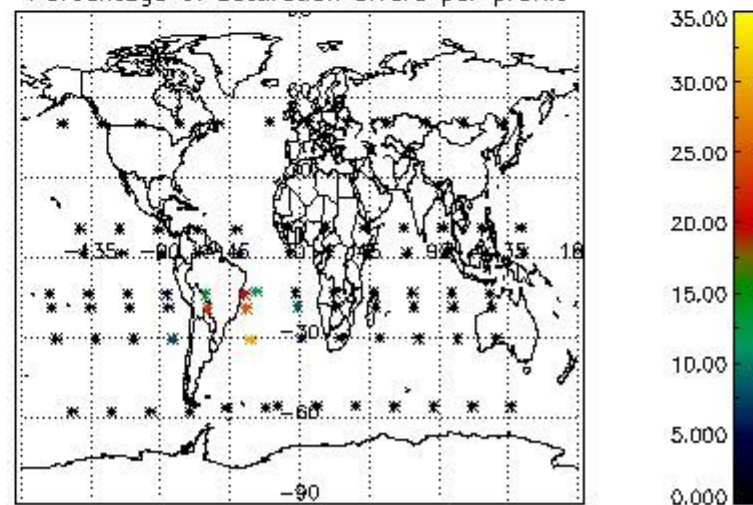
Percentage of datation errors per profile



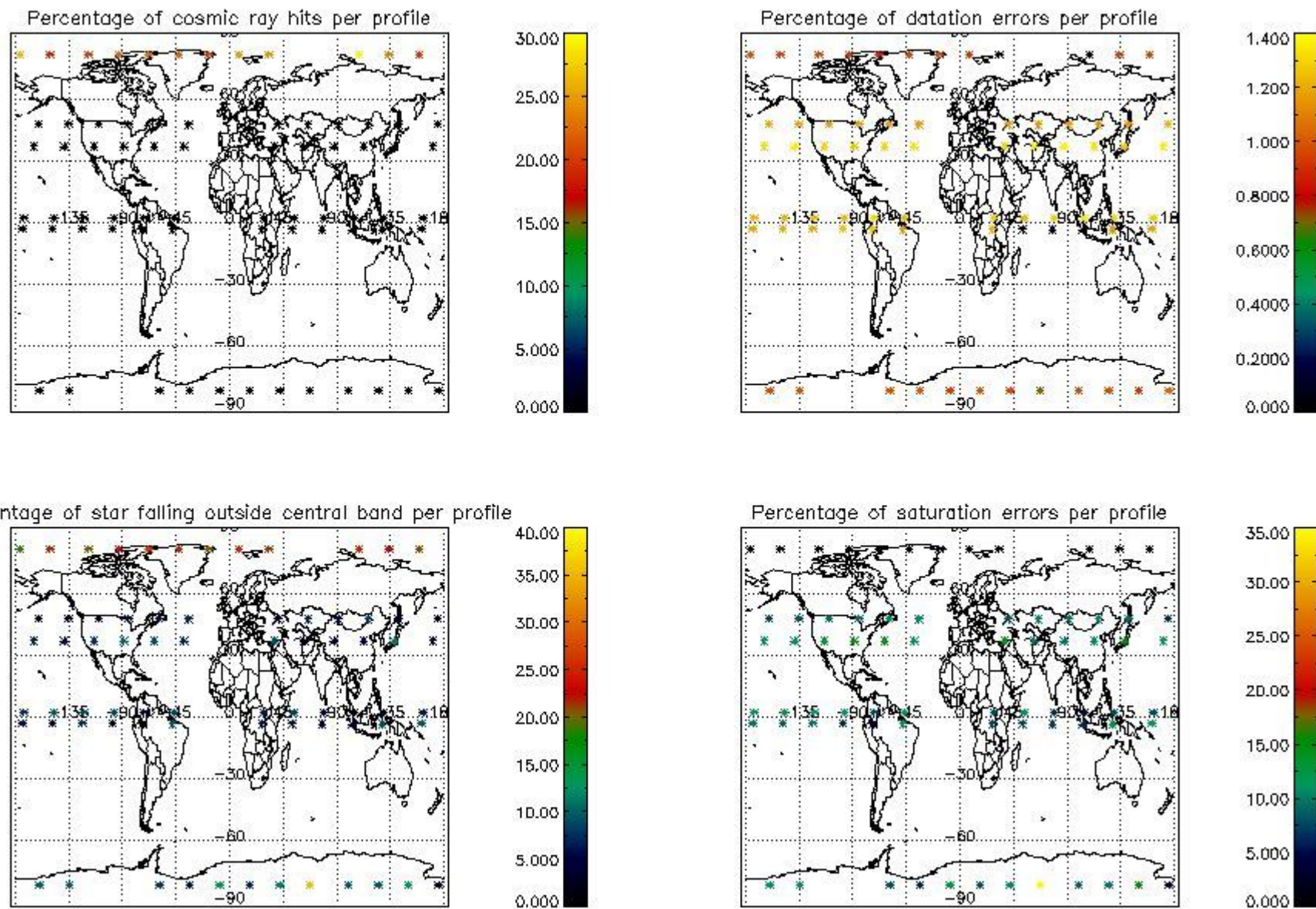
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

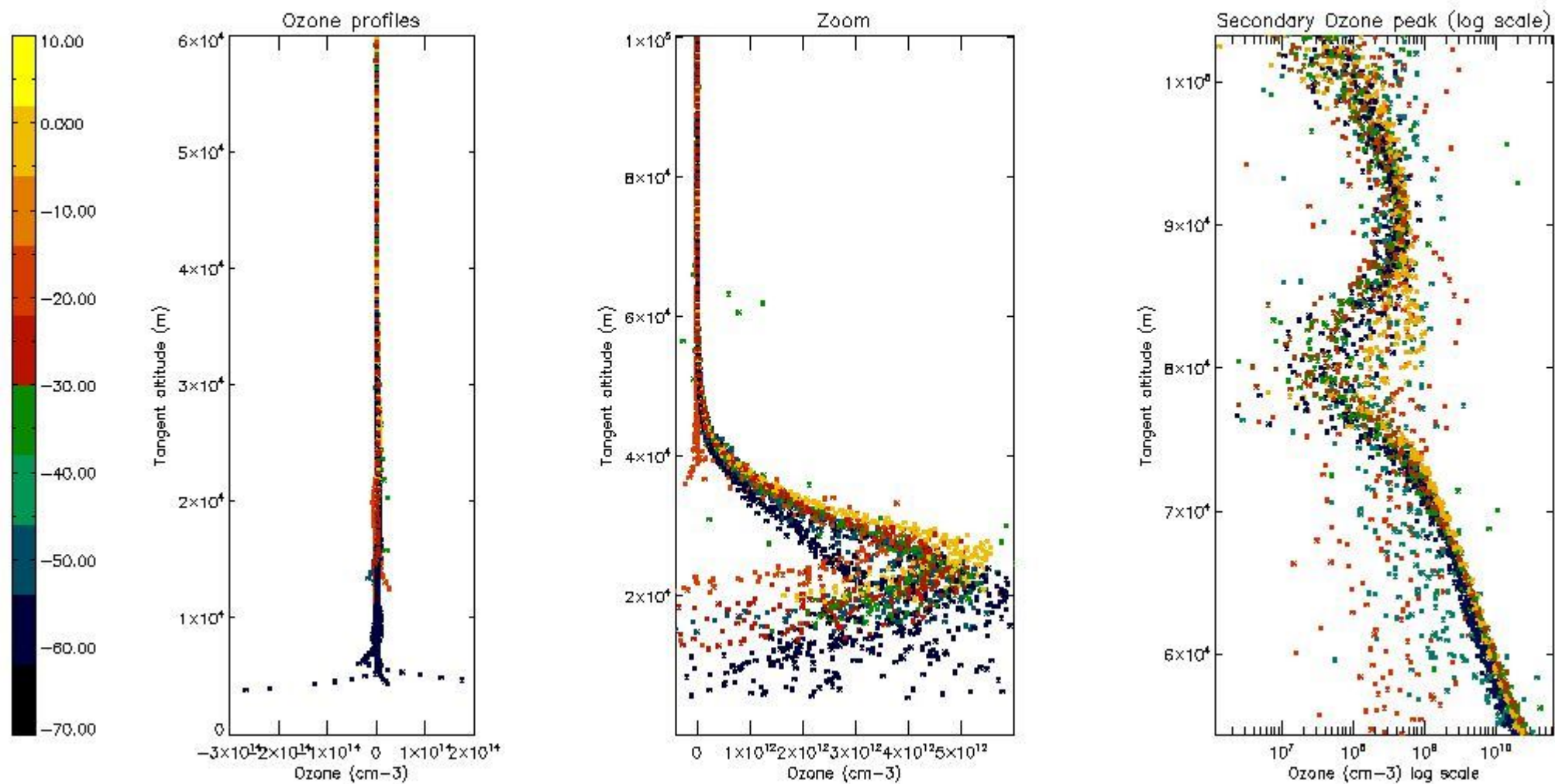
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	50
STD < 20	26

STD < 10	19
STD < 5	14

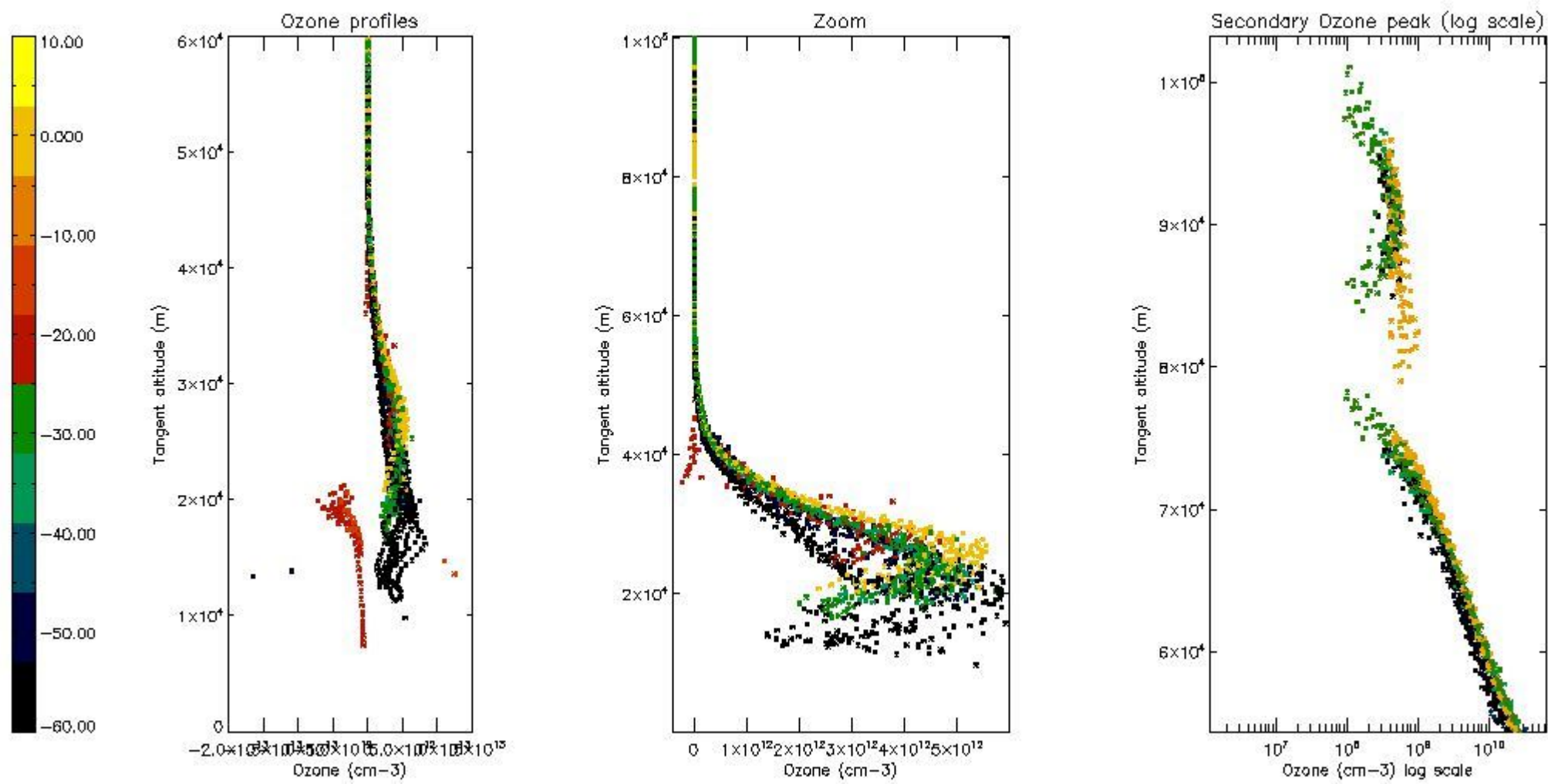
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



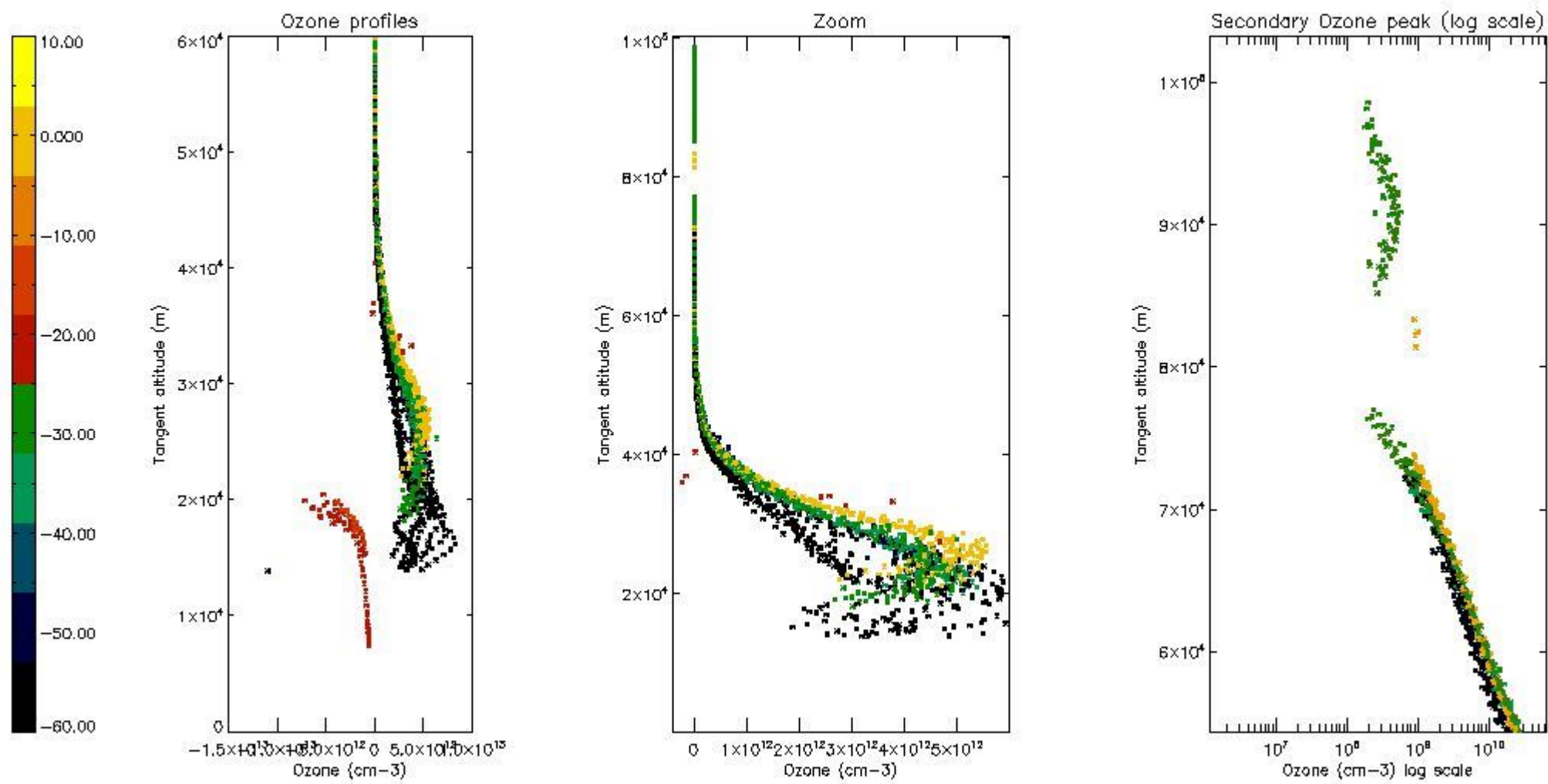
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



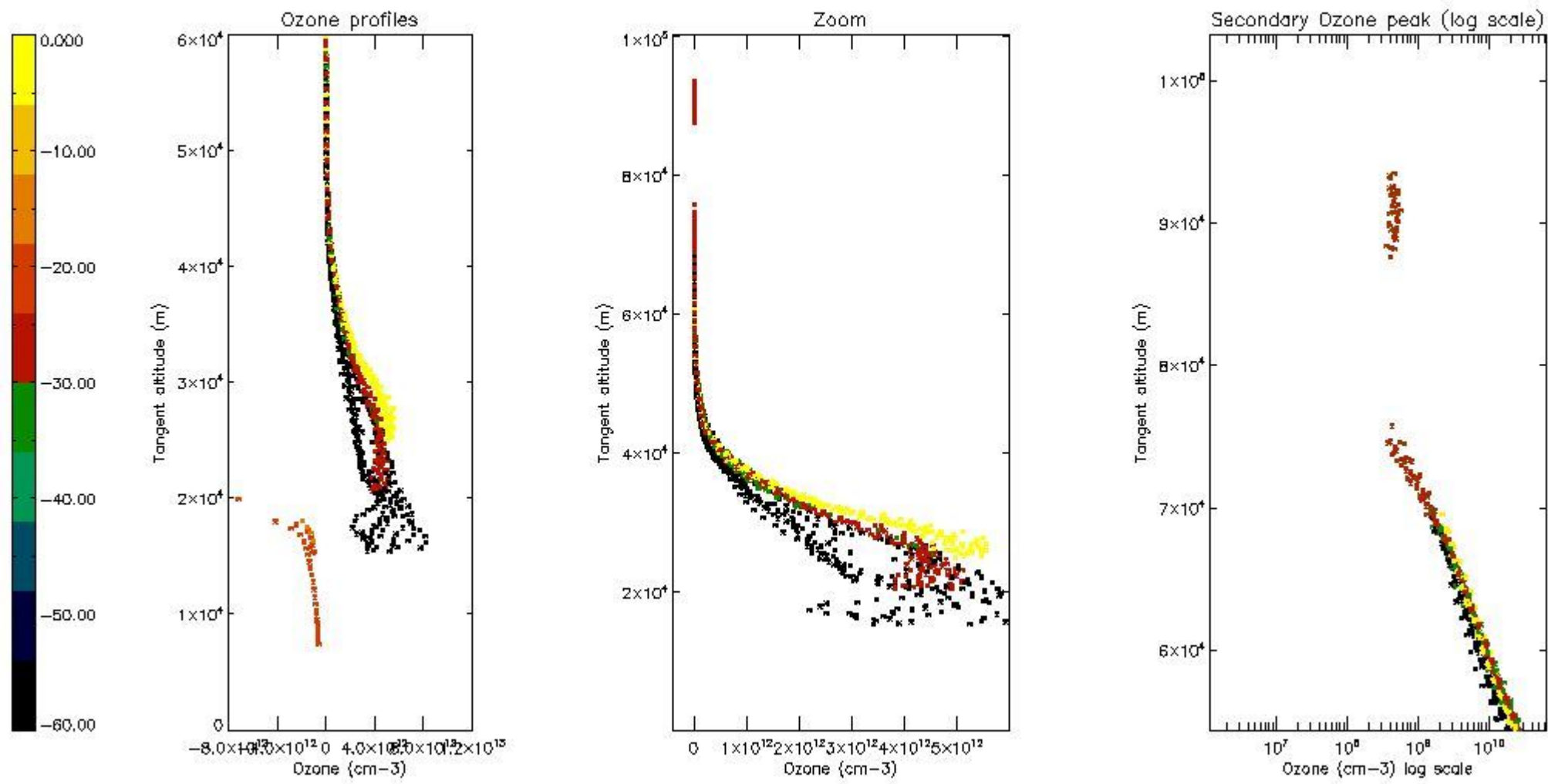
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



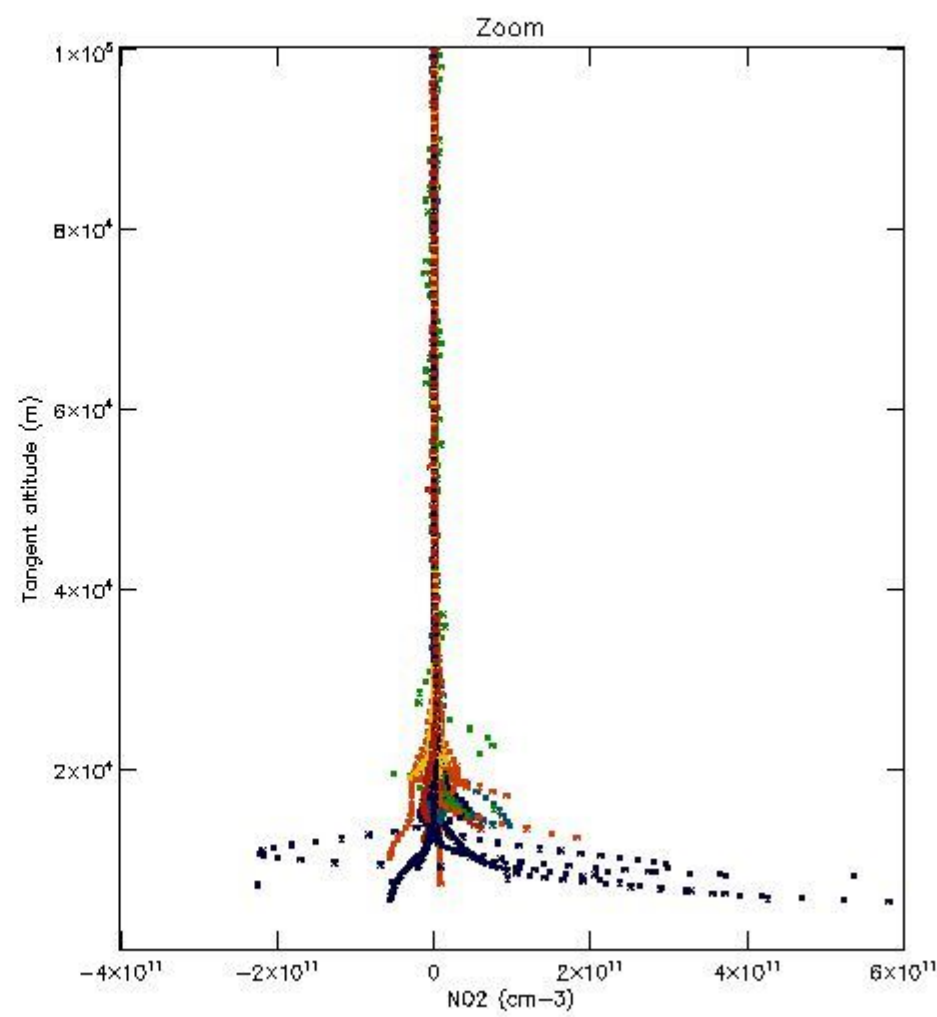
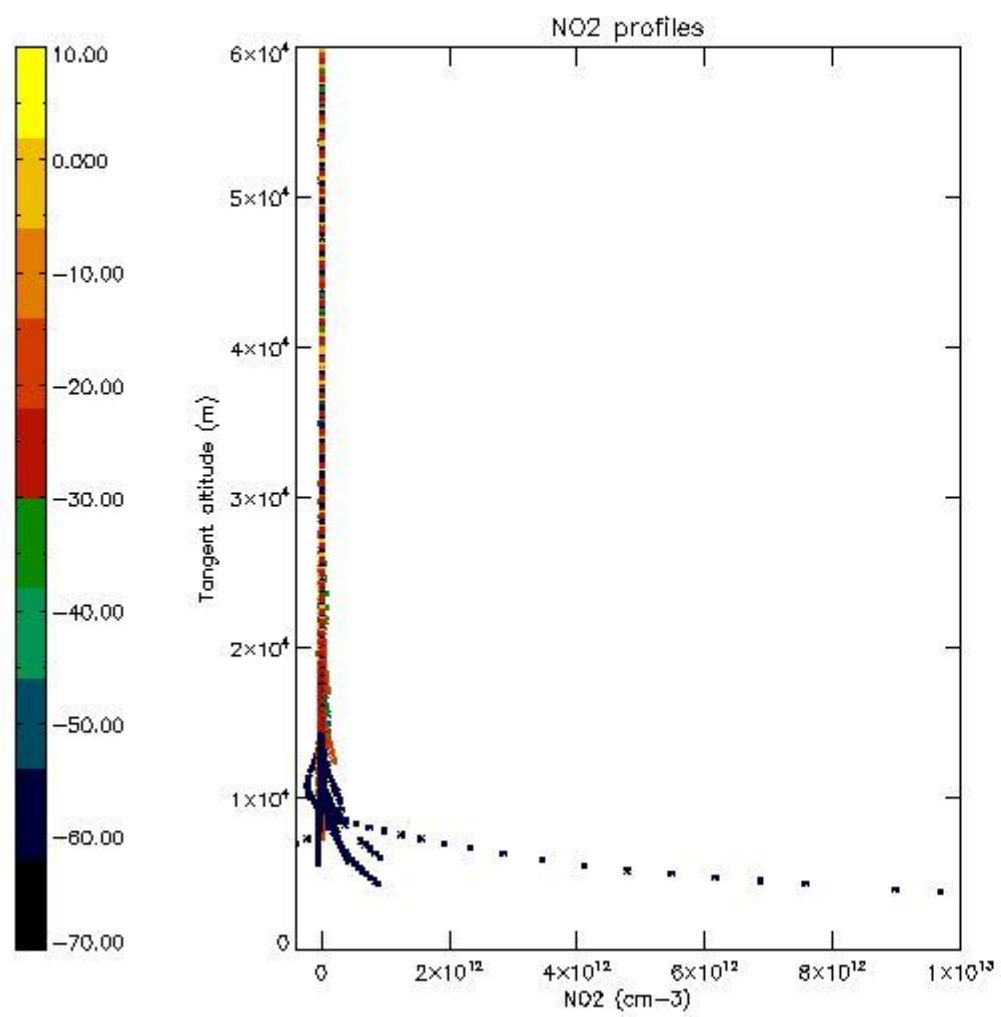
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



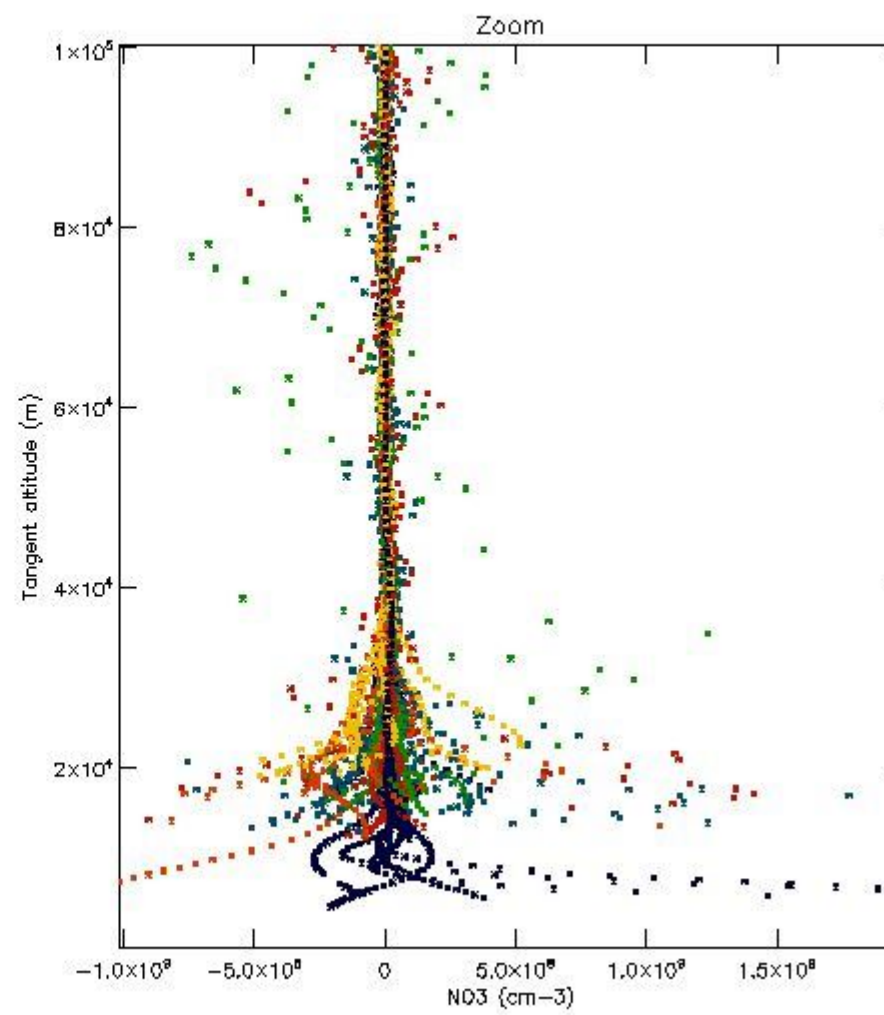
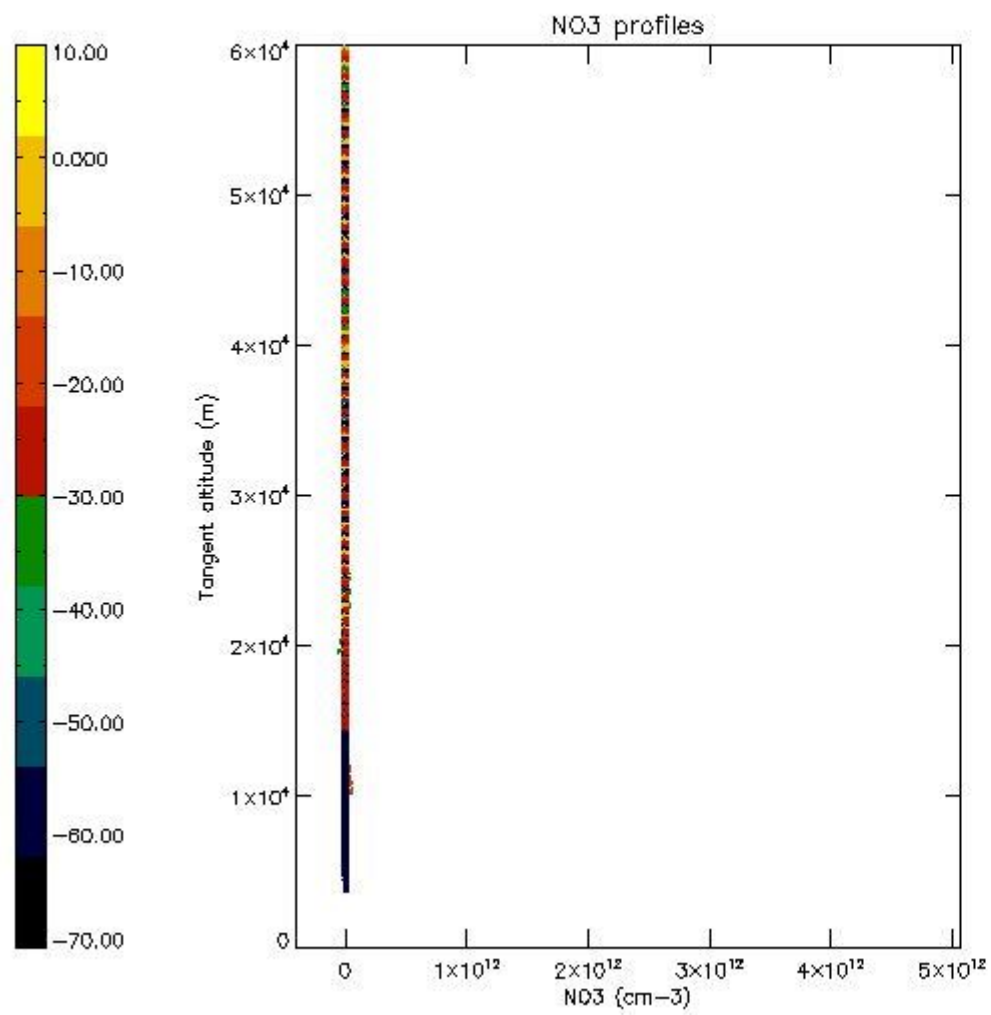
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

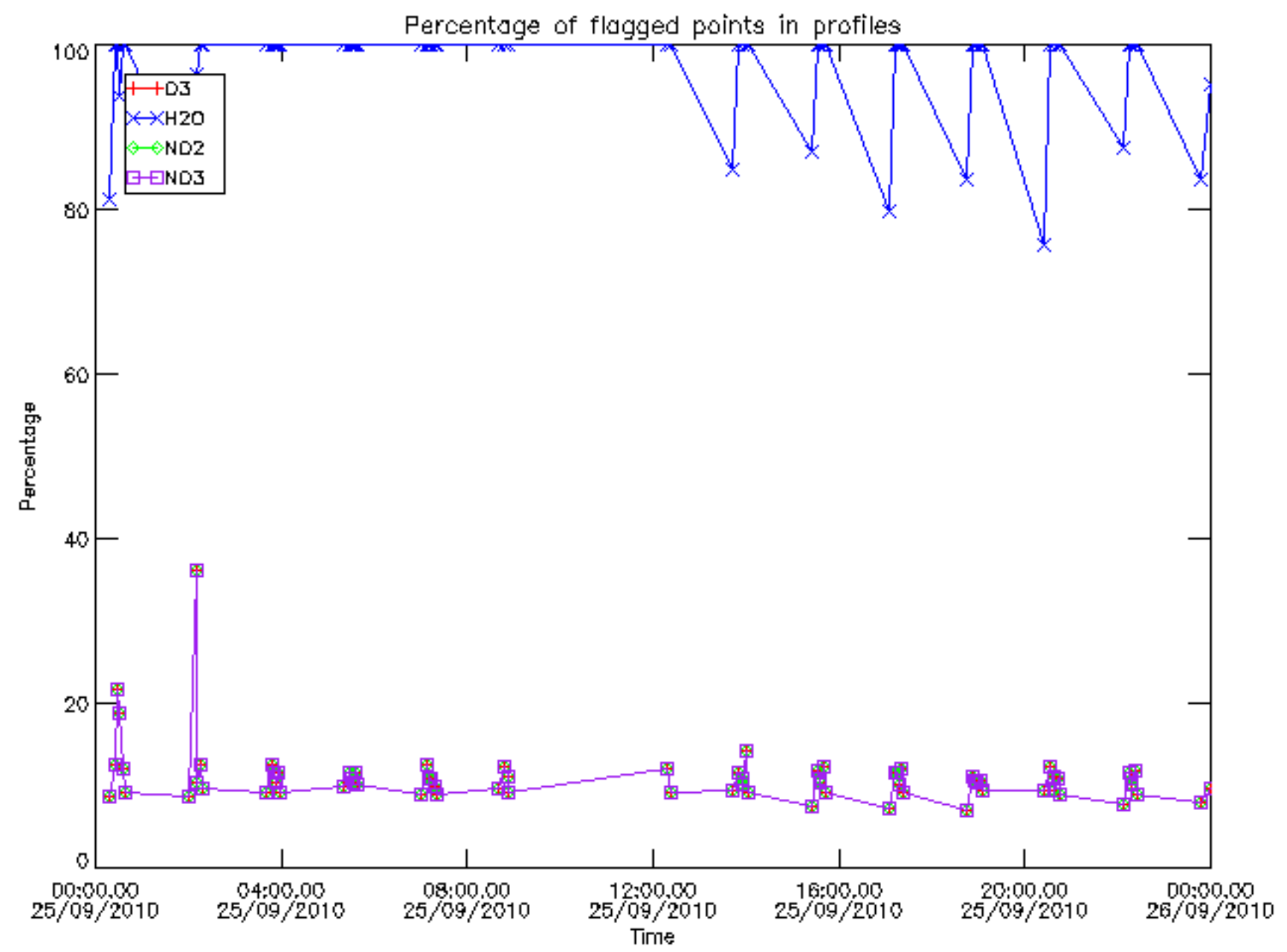
The colorbar represents the latitude.



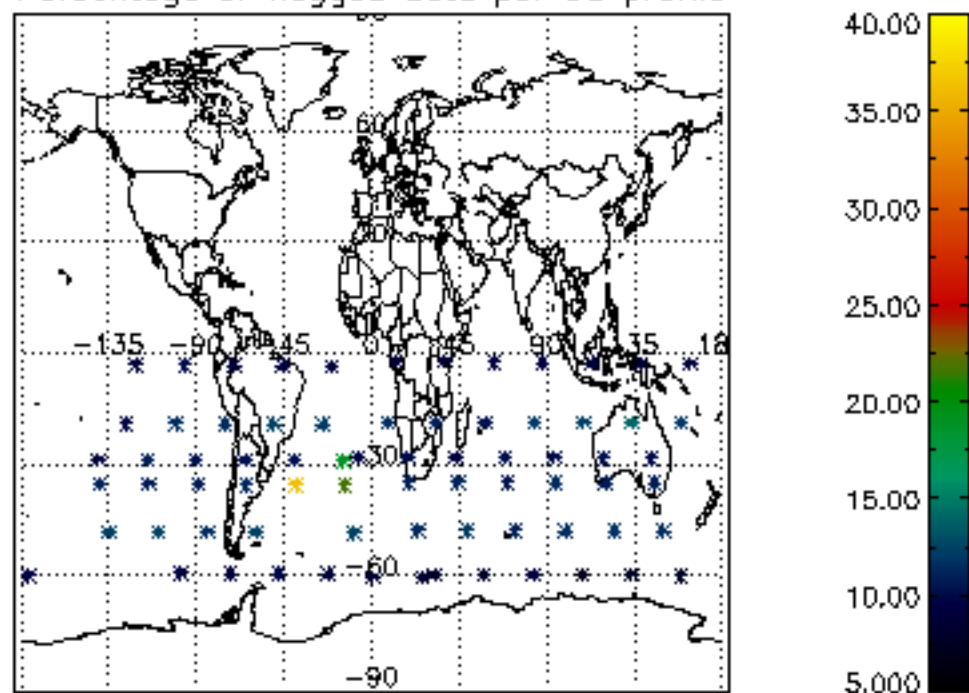
6. Auxiliary Data Files used for the production reported in section 2

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

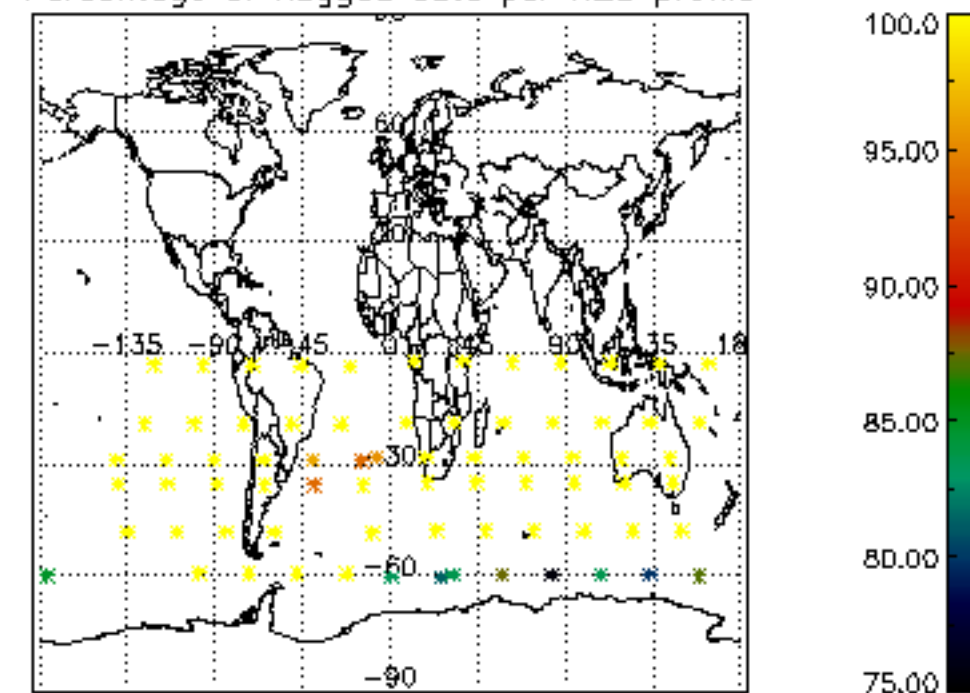
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	25-SEP-2010 00:08:55
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	25-SEP-2010 00:08:55
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	25-SEP-2010 00:08:55



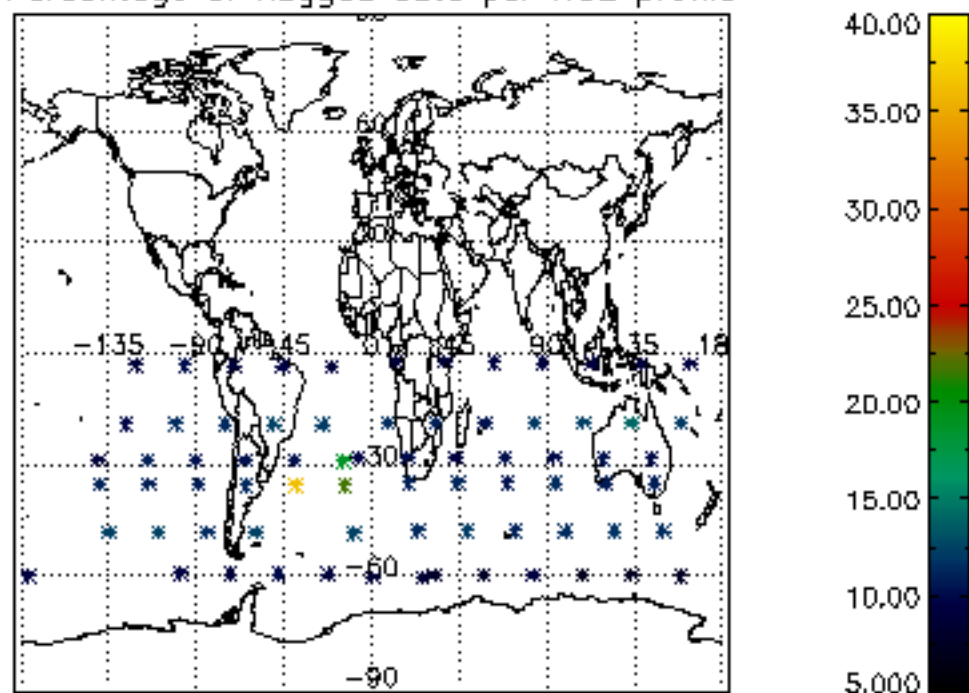
Percentage of flagged data per D3 profile



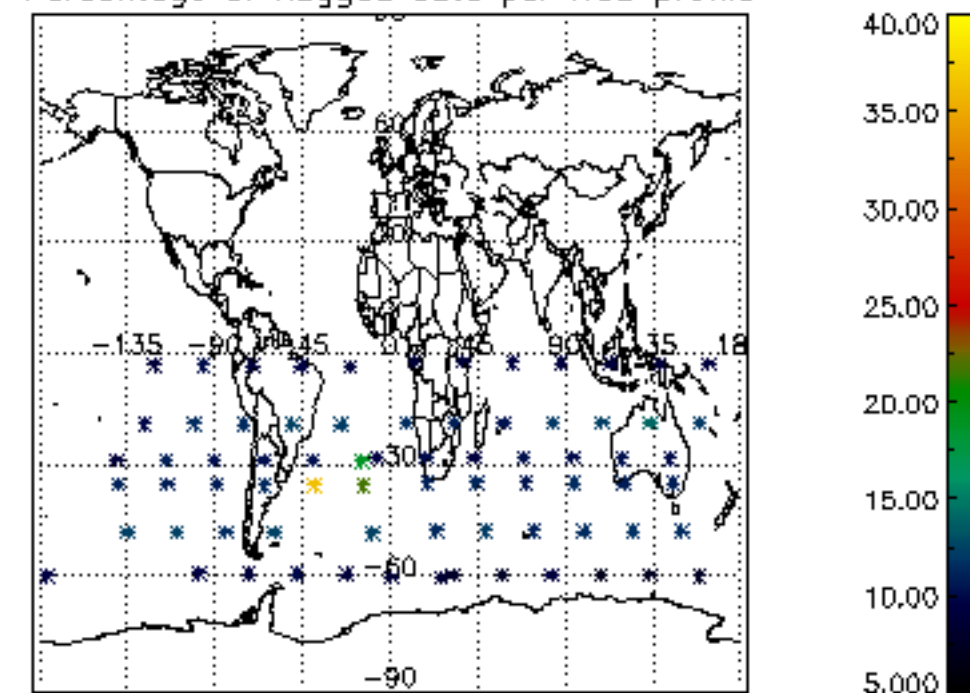
Percentage of flagged data per H2O profile

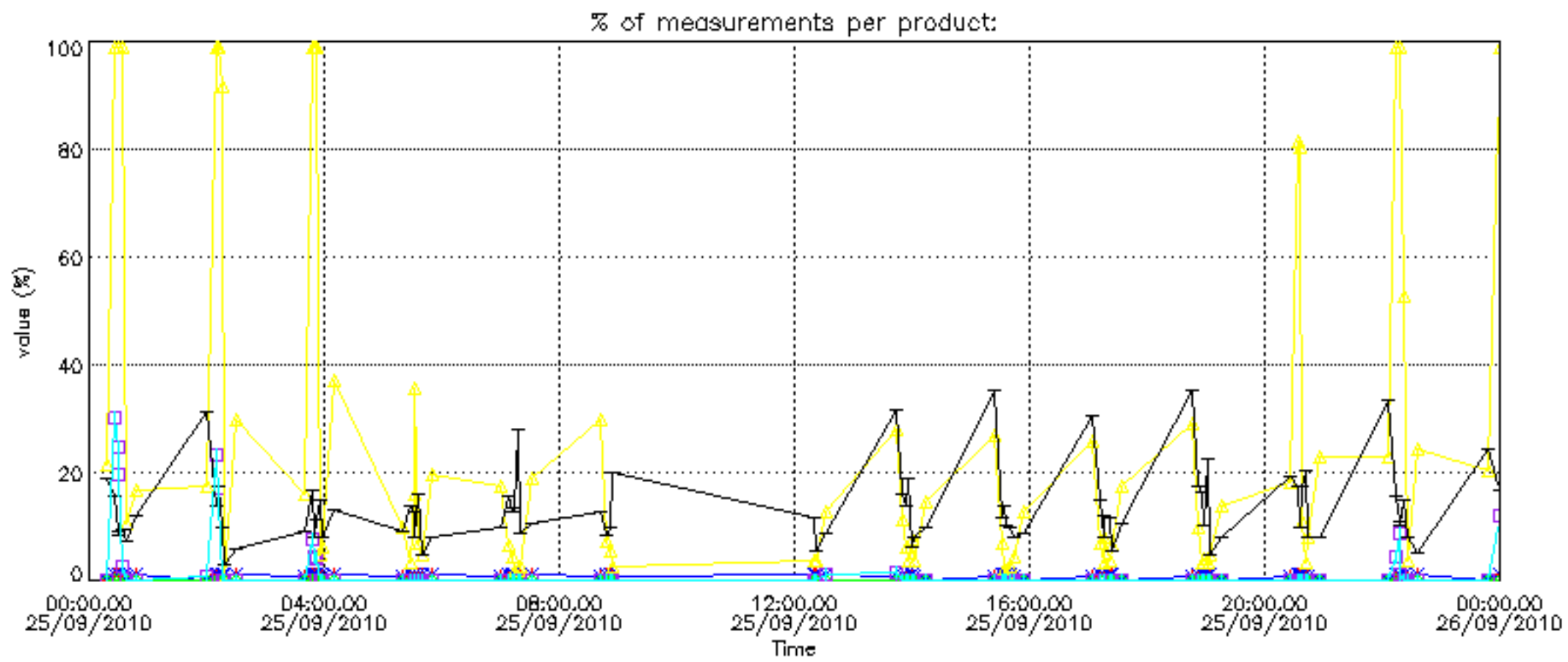


Percentage of flagged data per NO2 profile

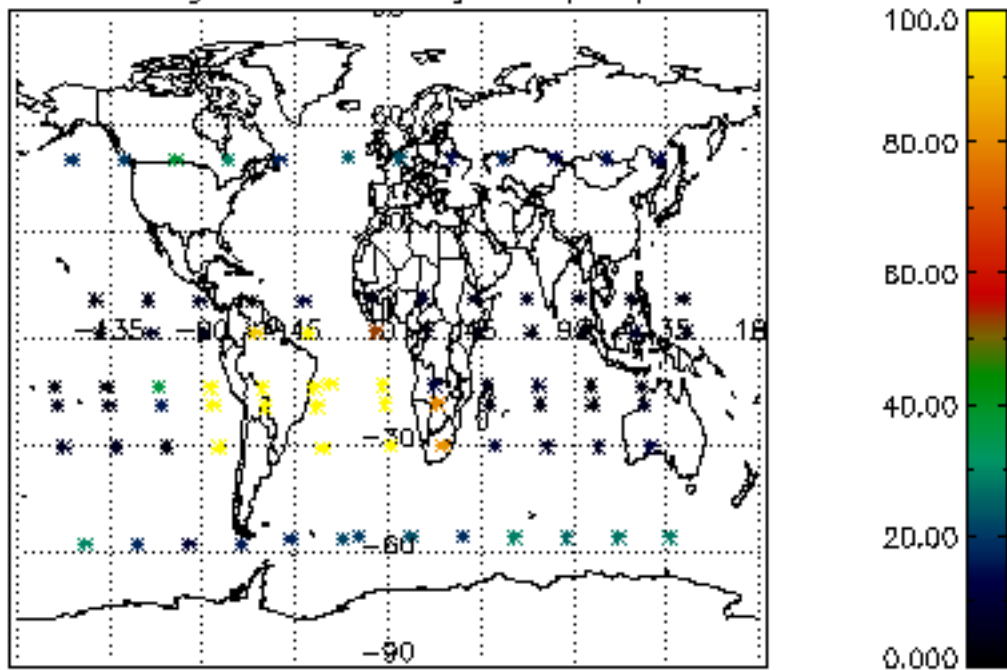


Percentage of flagged data per NO3 profile

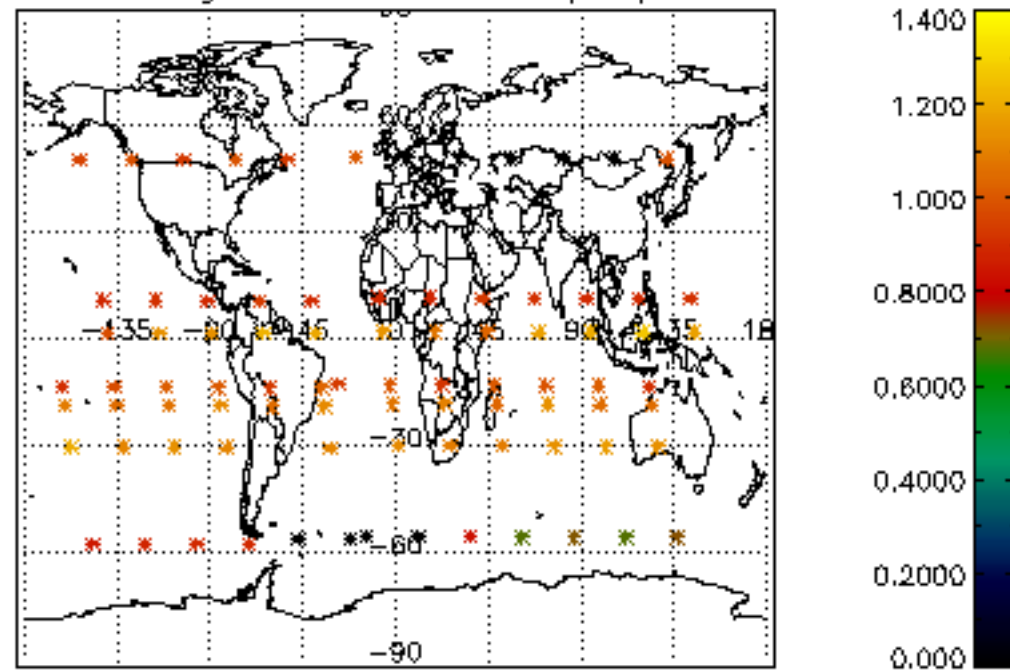




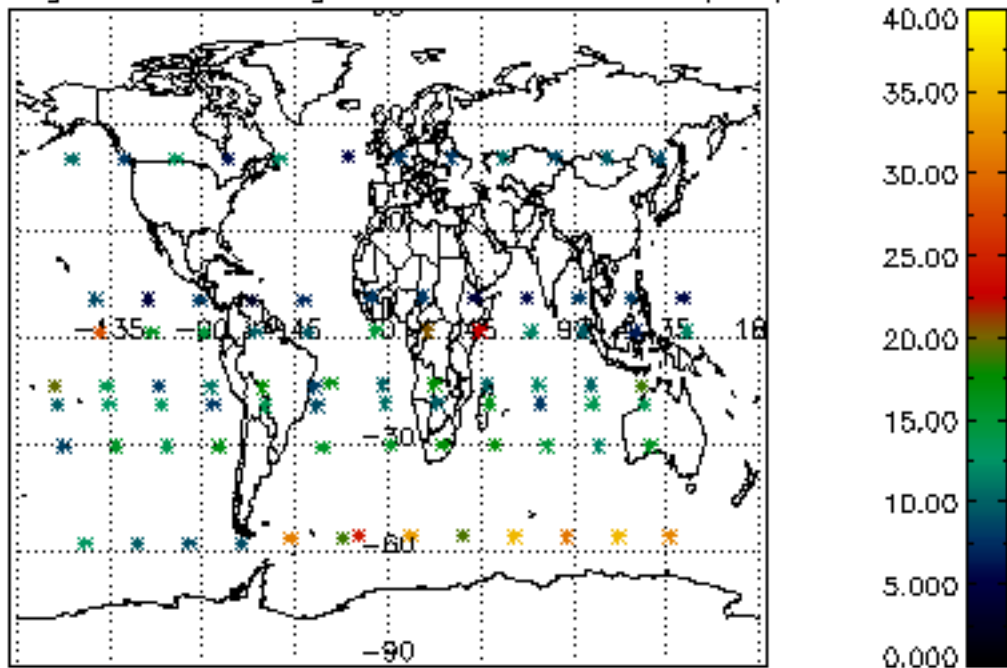
Percentage of cosmic ray hits per profile



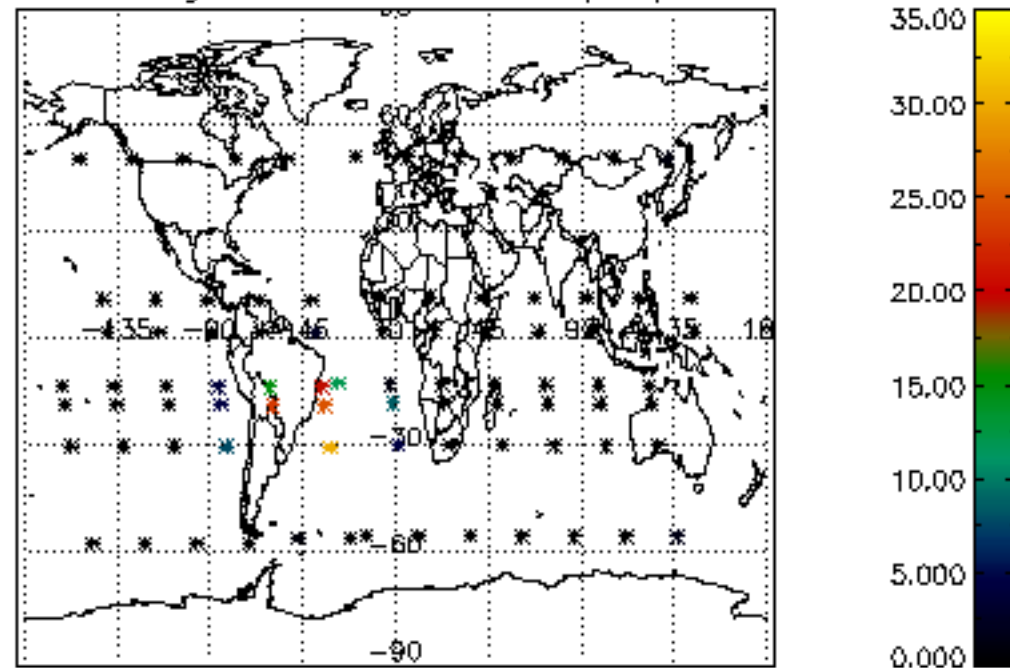
Percentage of datation errors per profile



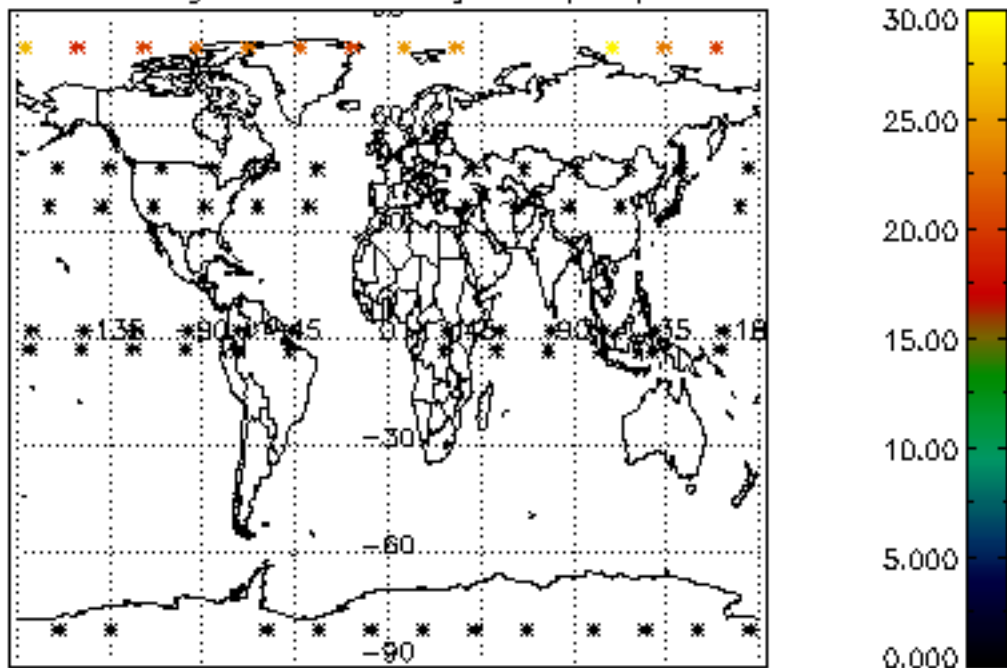
Percentage of star falling outside central band per profile



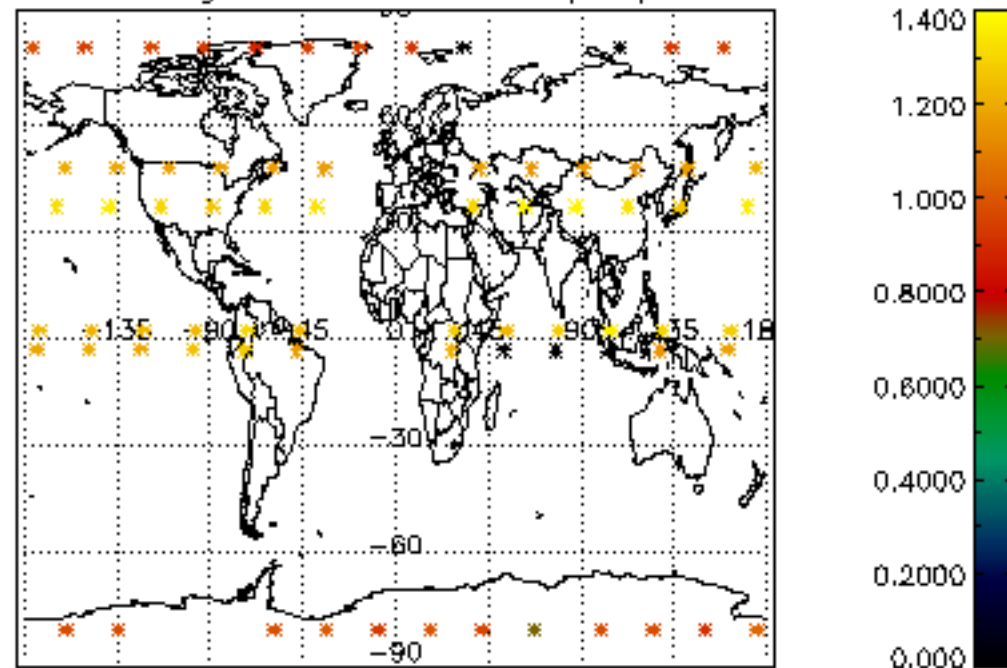
Percentage of saturation errors per profile



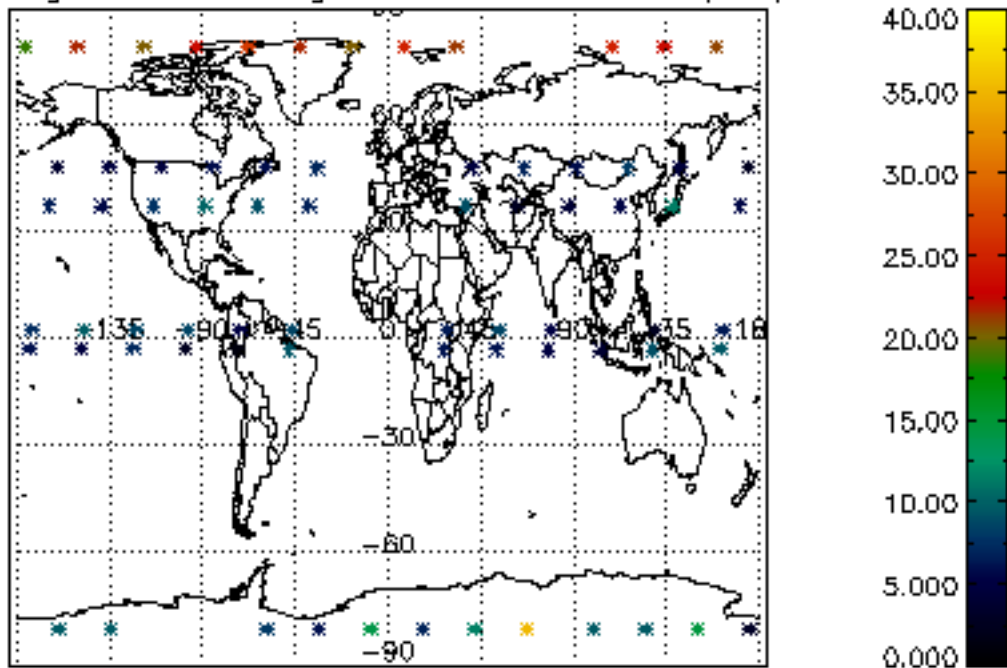
Percentage of cosmic ray hits per profile



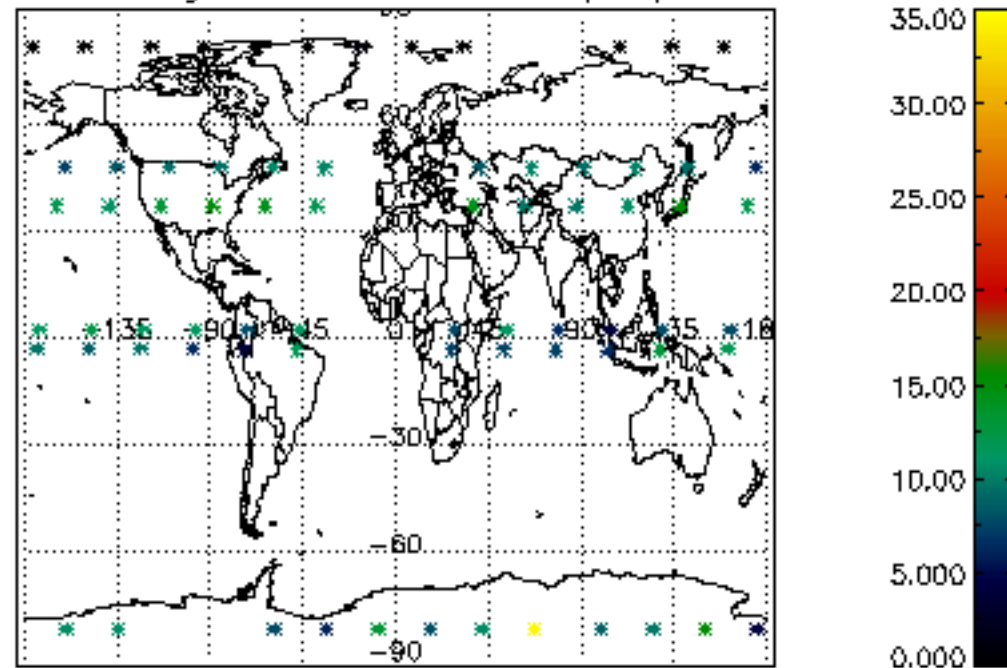
Percentage of datation errors per profile

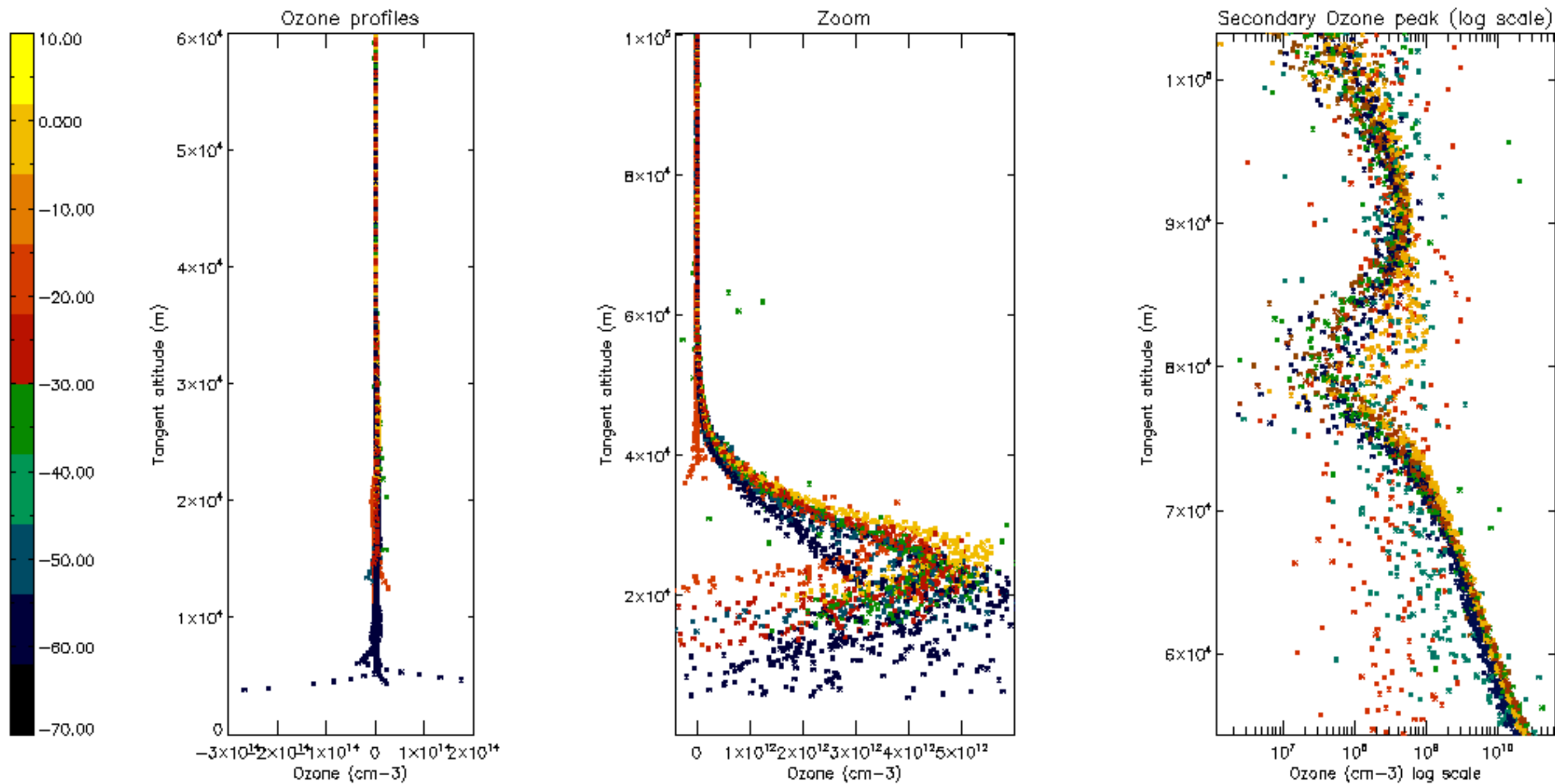


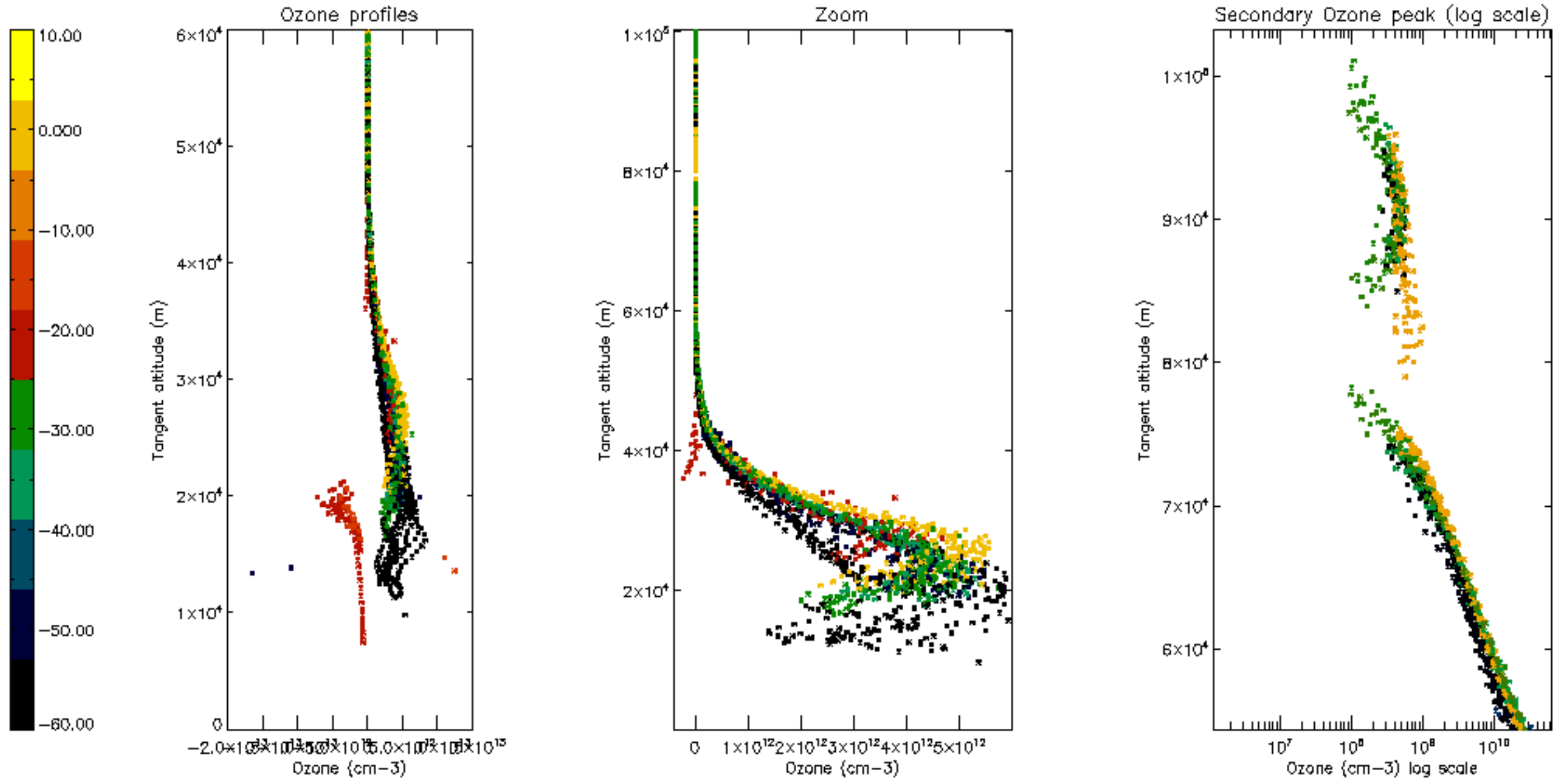
Percentage of star falling outside central band per profile

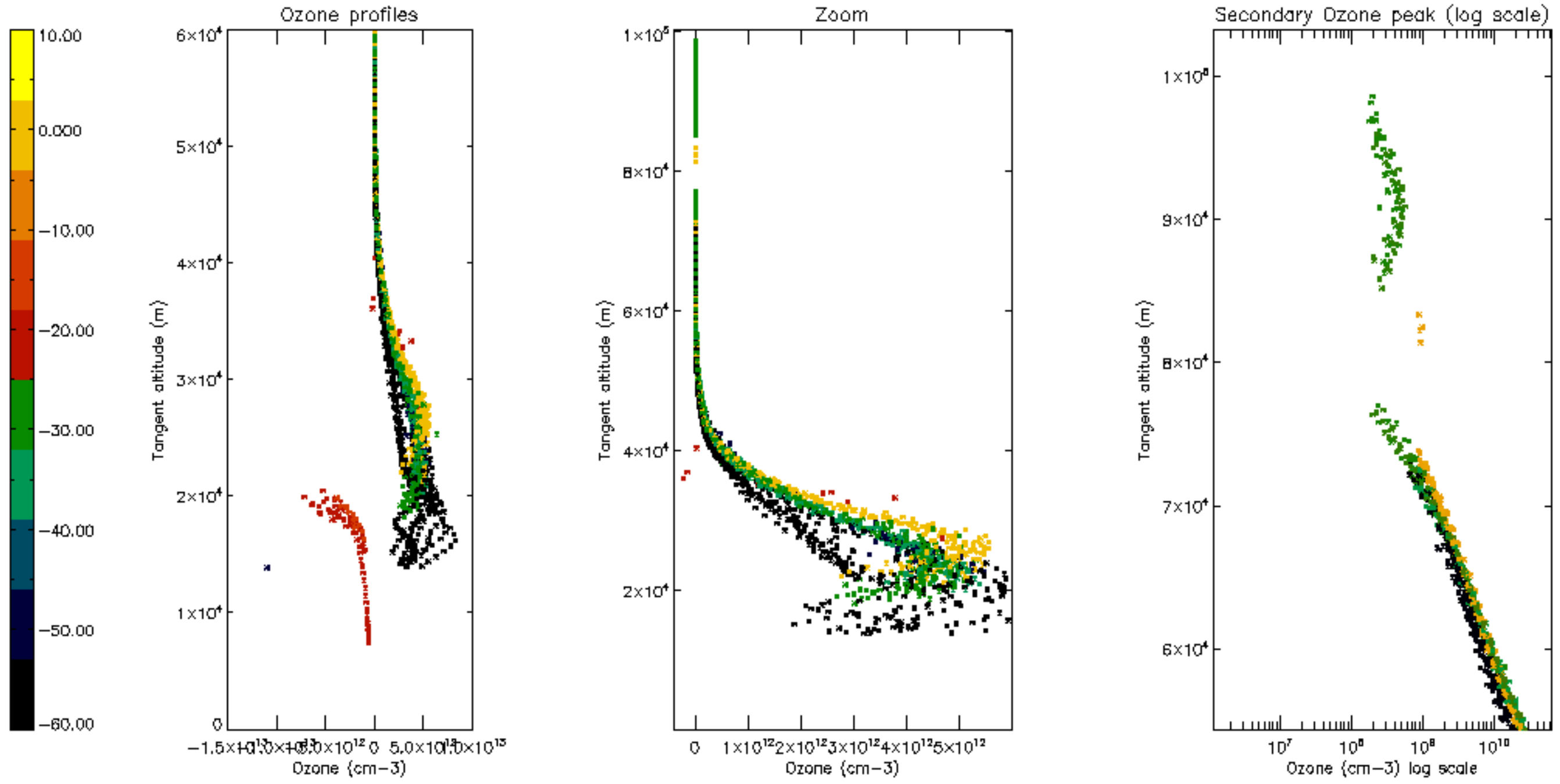


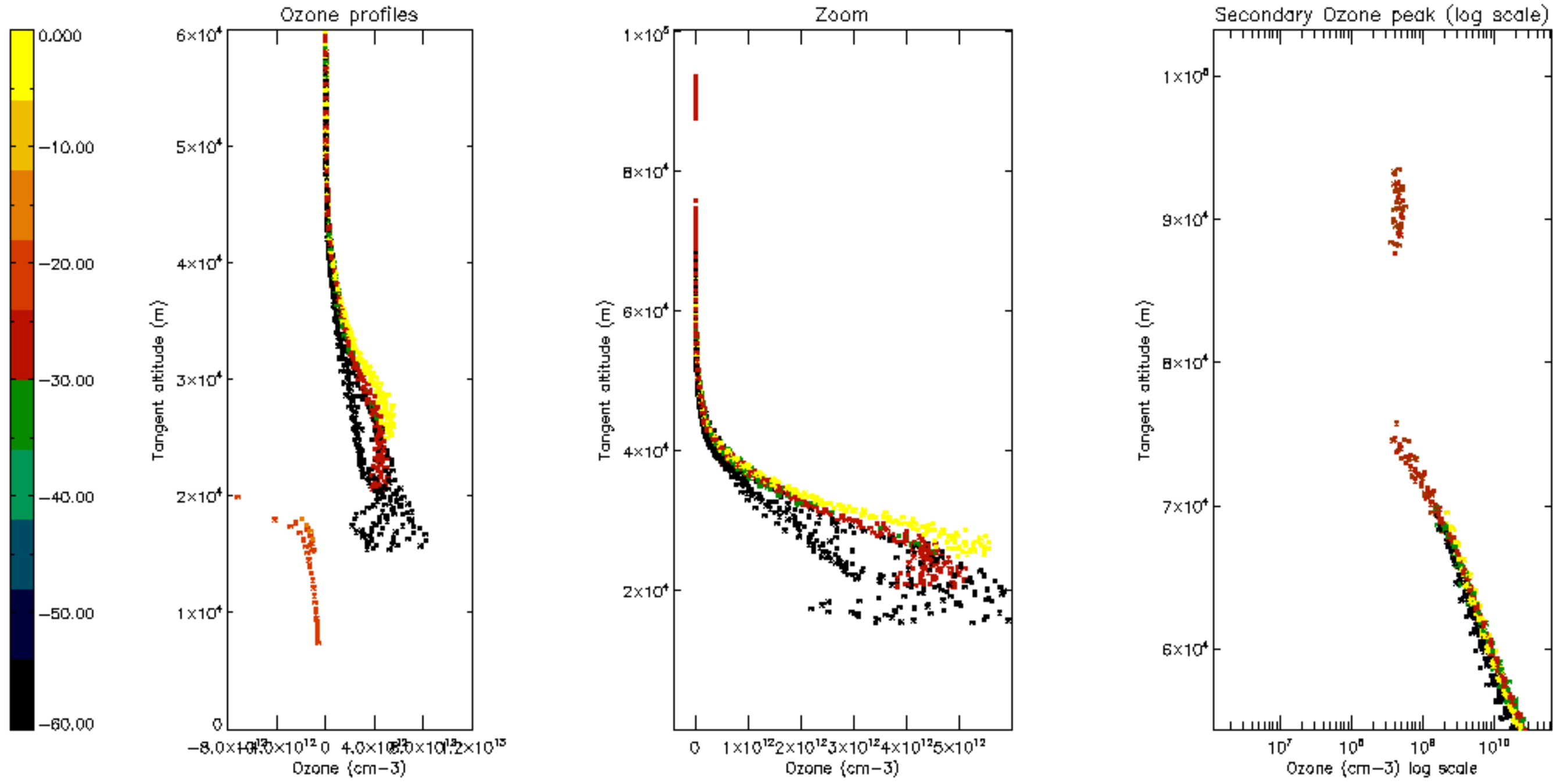
Percentage of saturation errors per profile

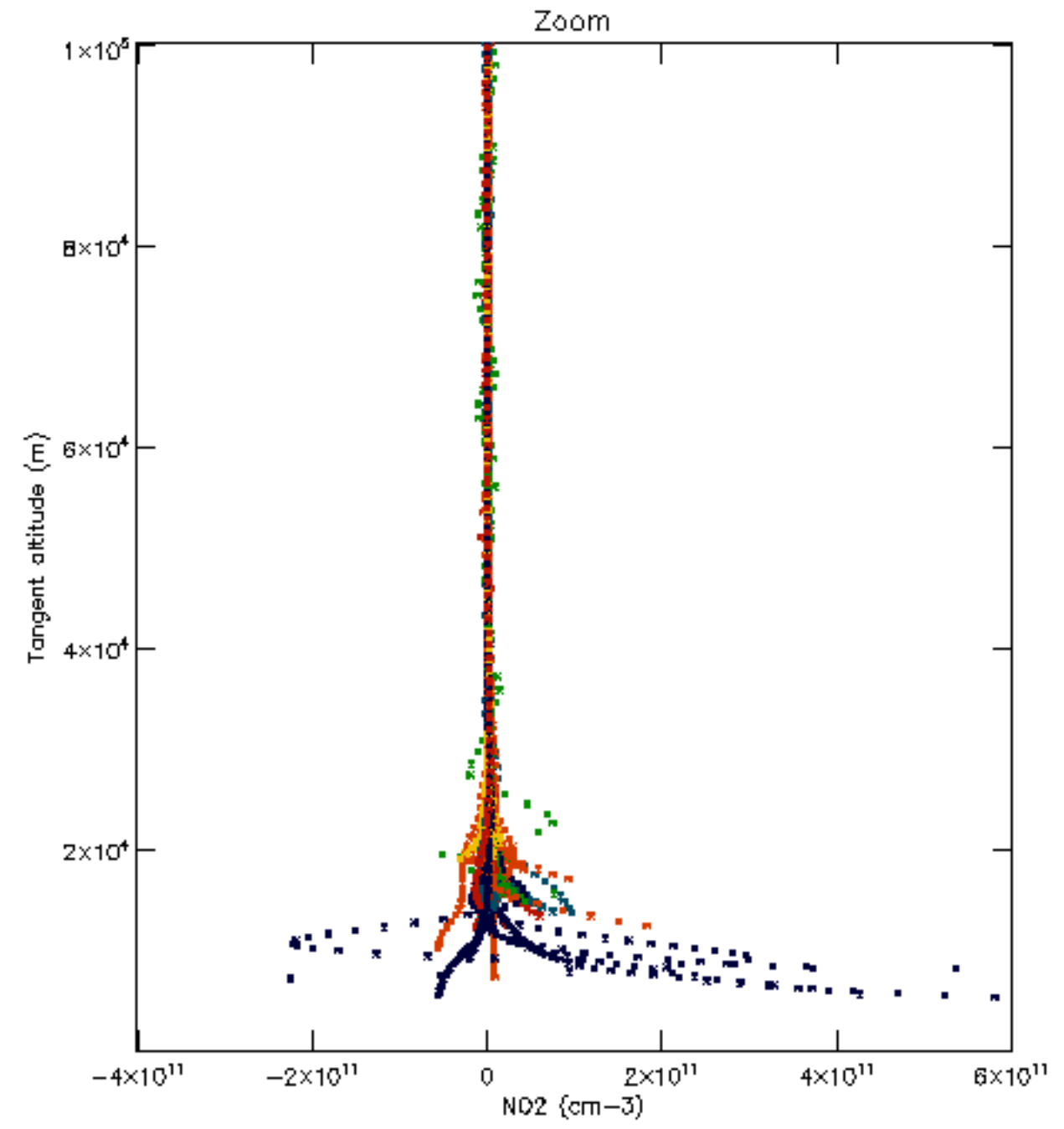
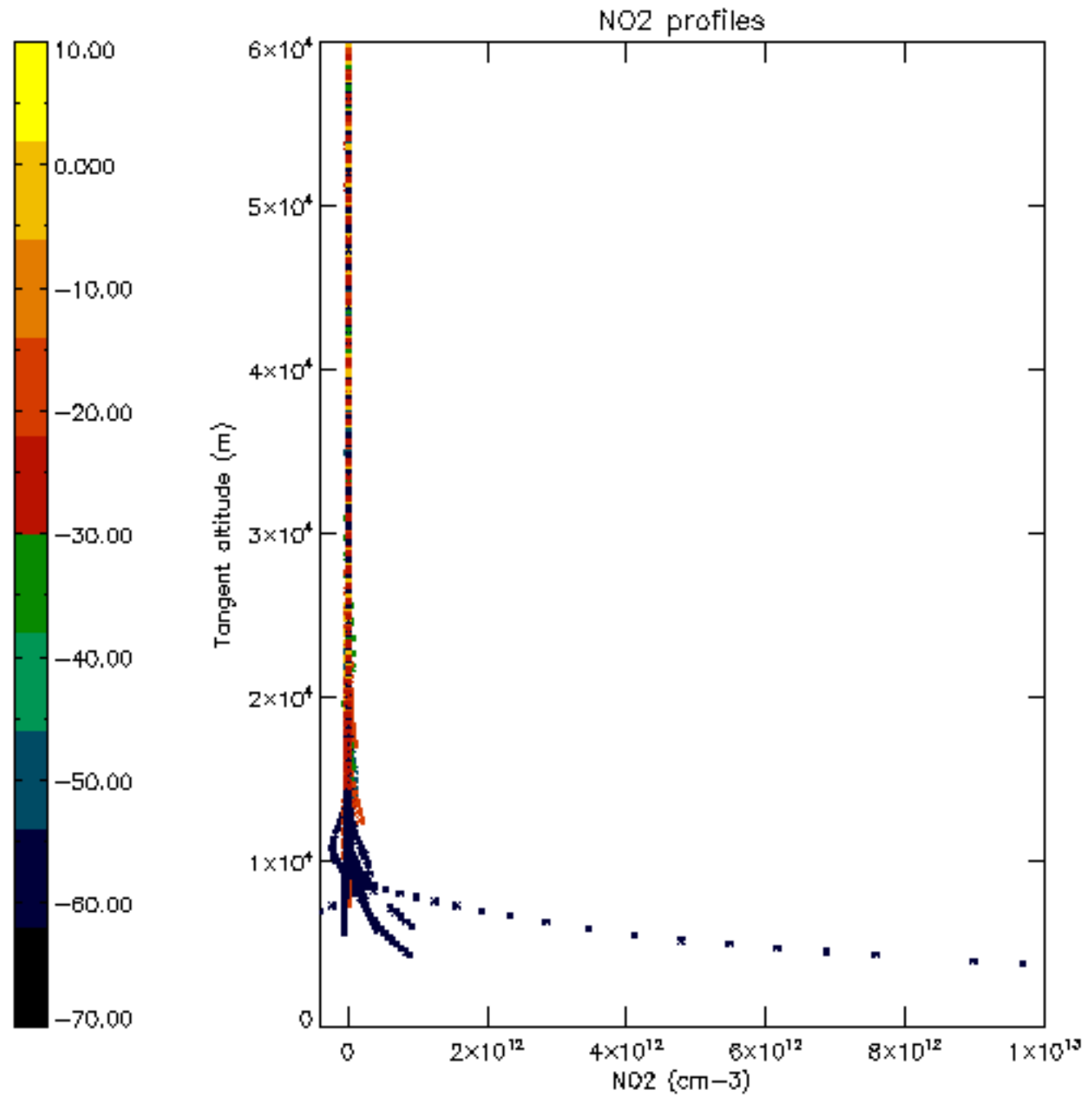


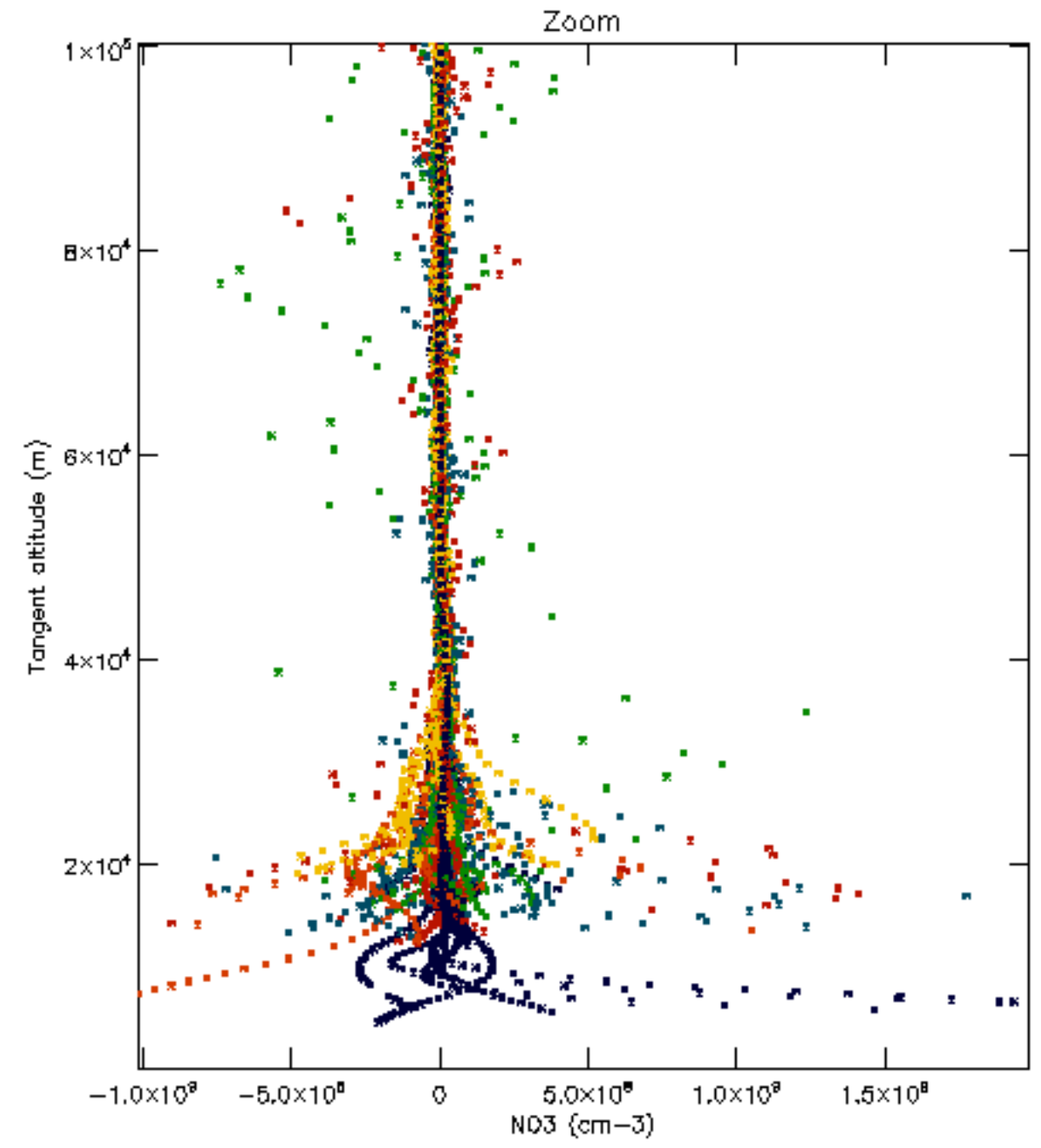
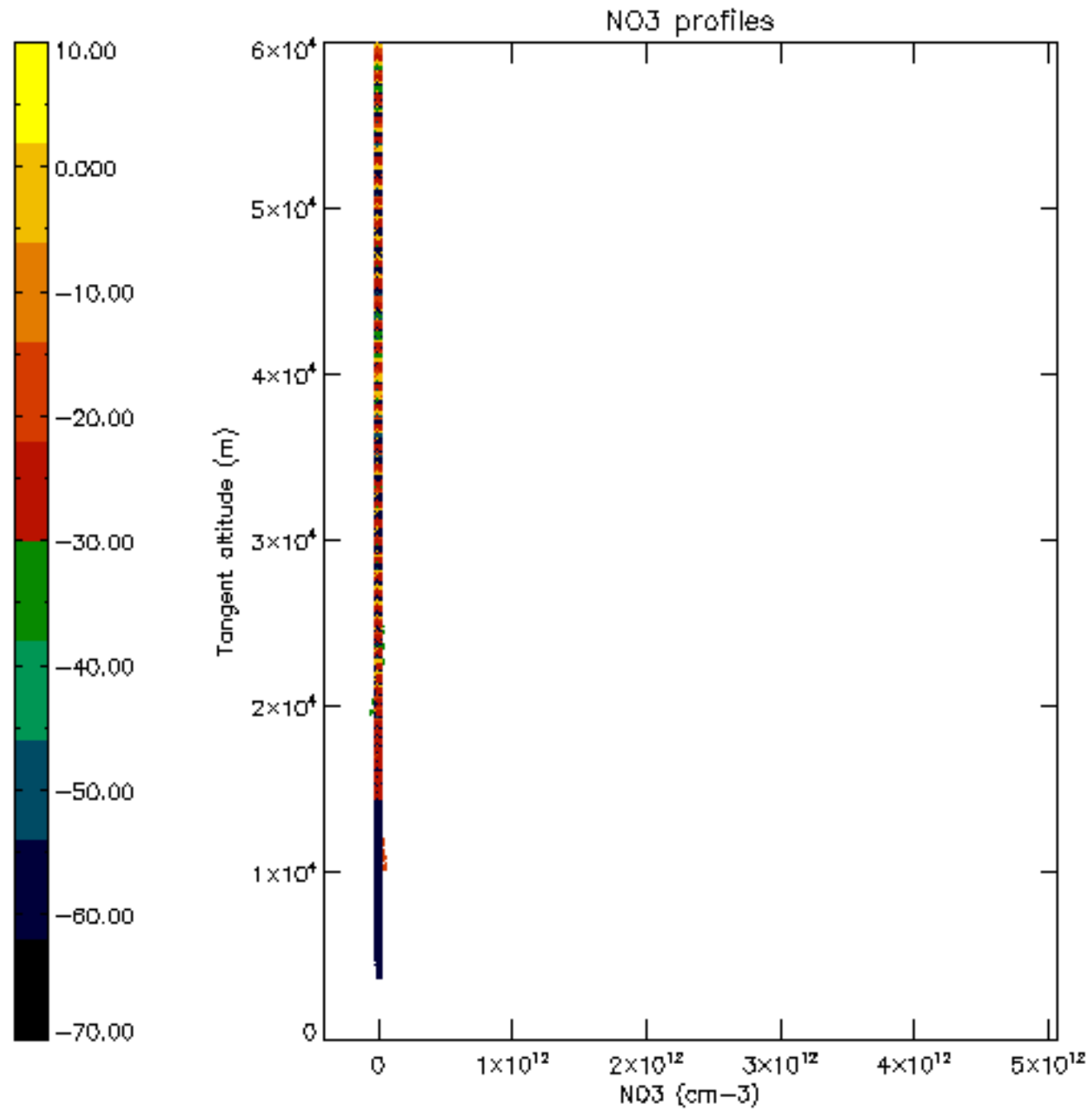


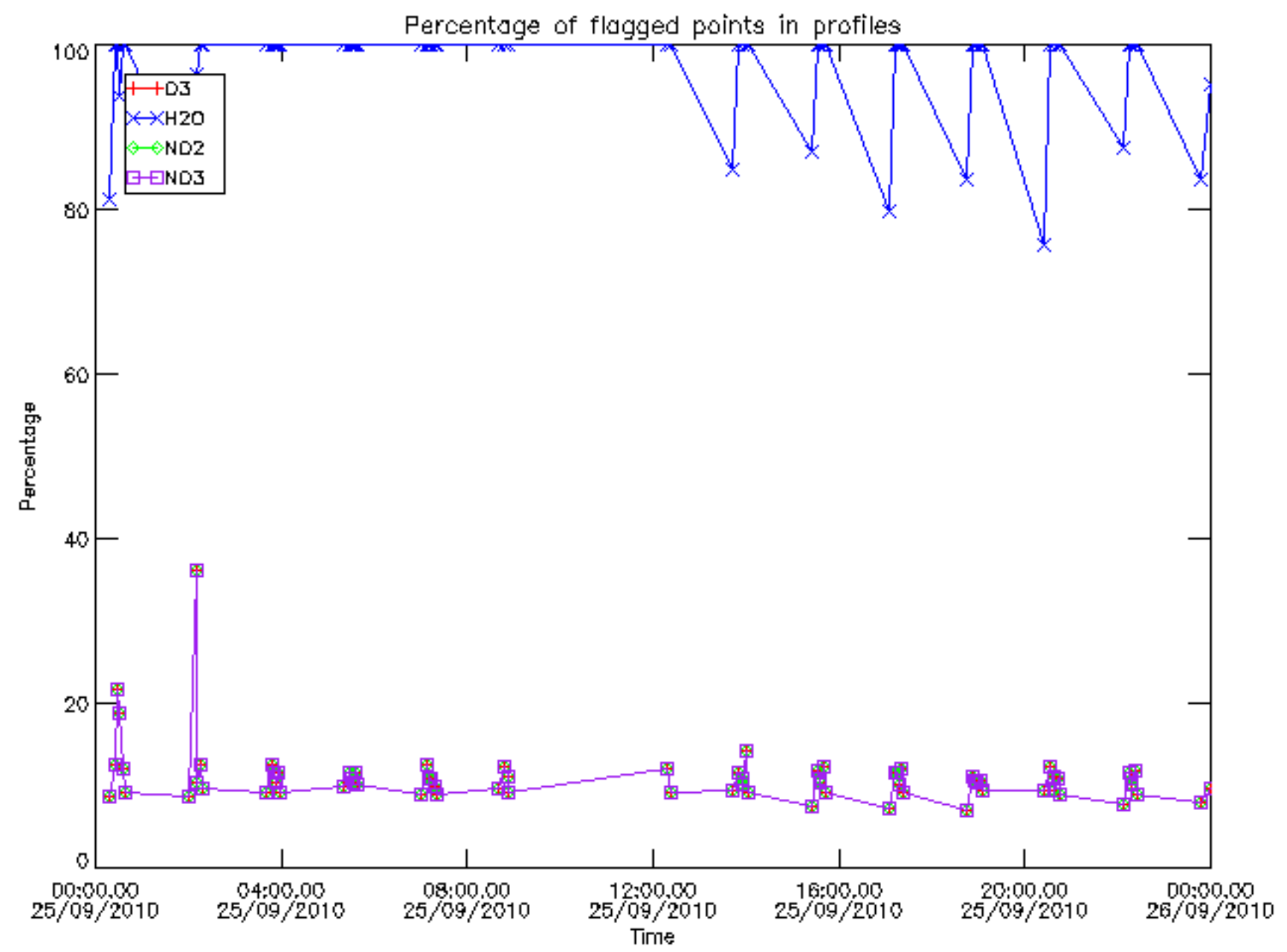




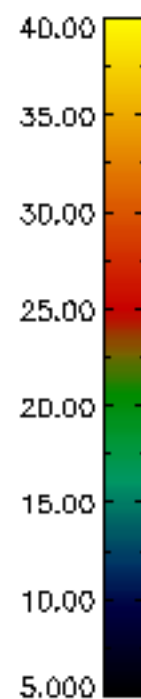
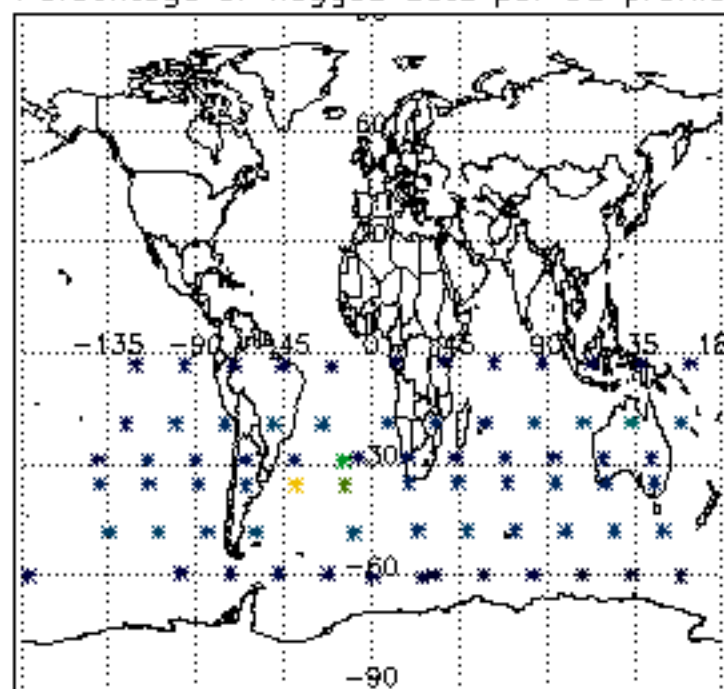




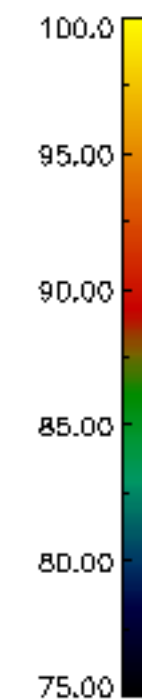
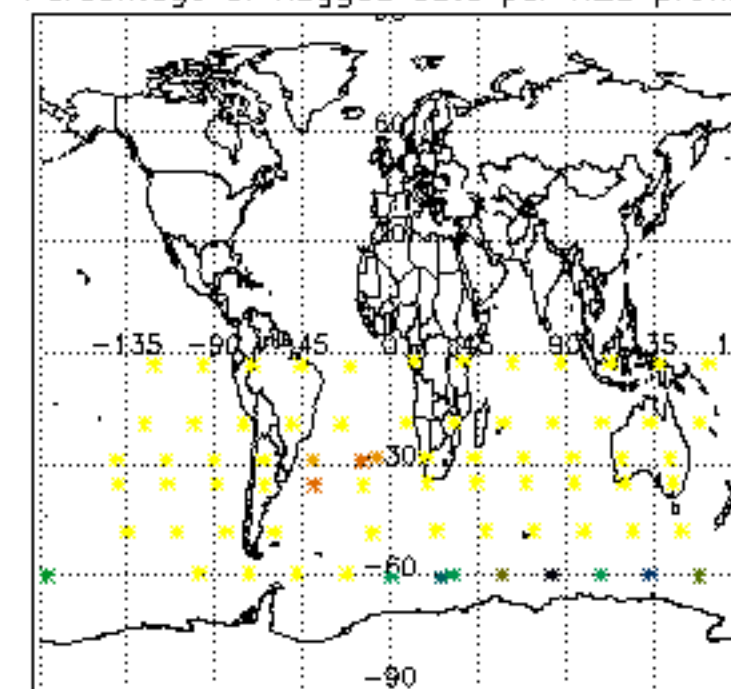




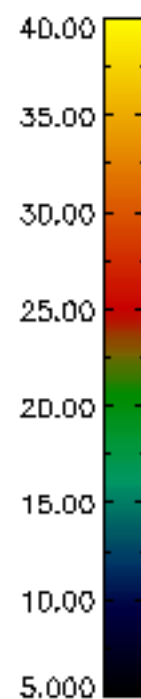
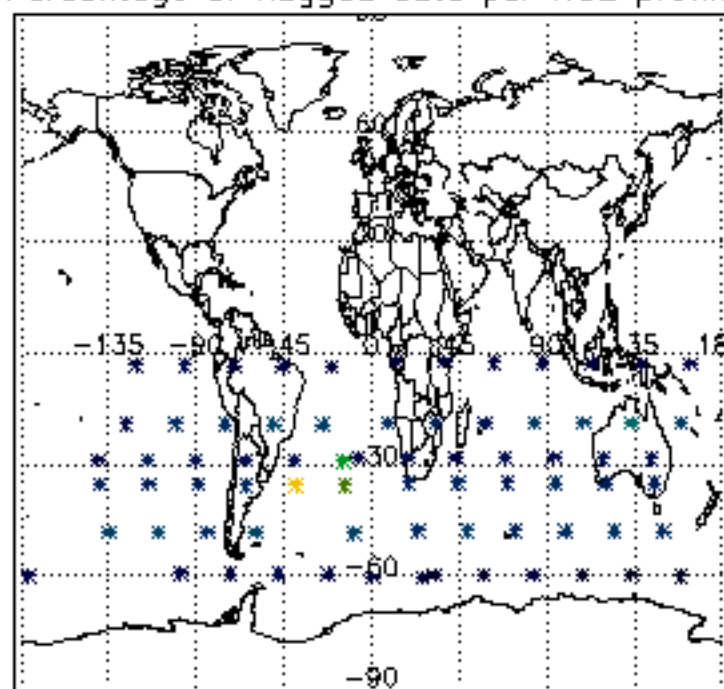
Percentage of flagged data per D3 profile



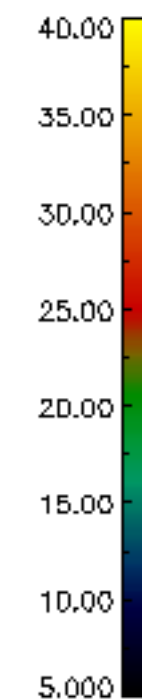
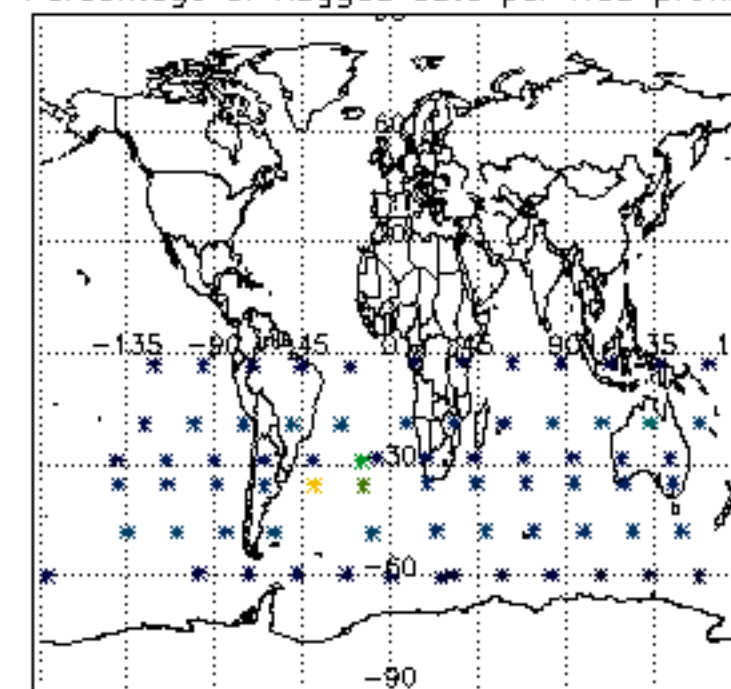
Percentage of flagged data per H2O profile

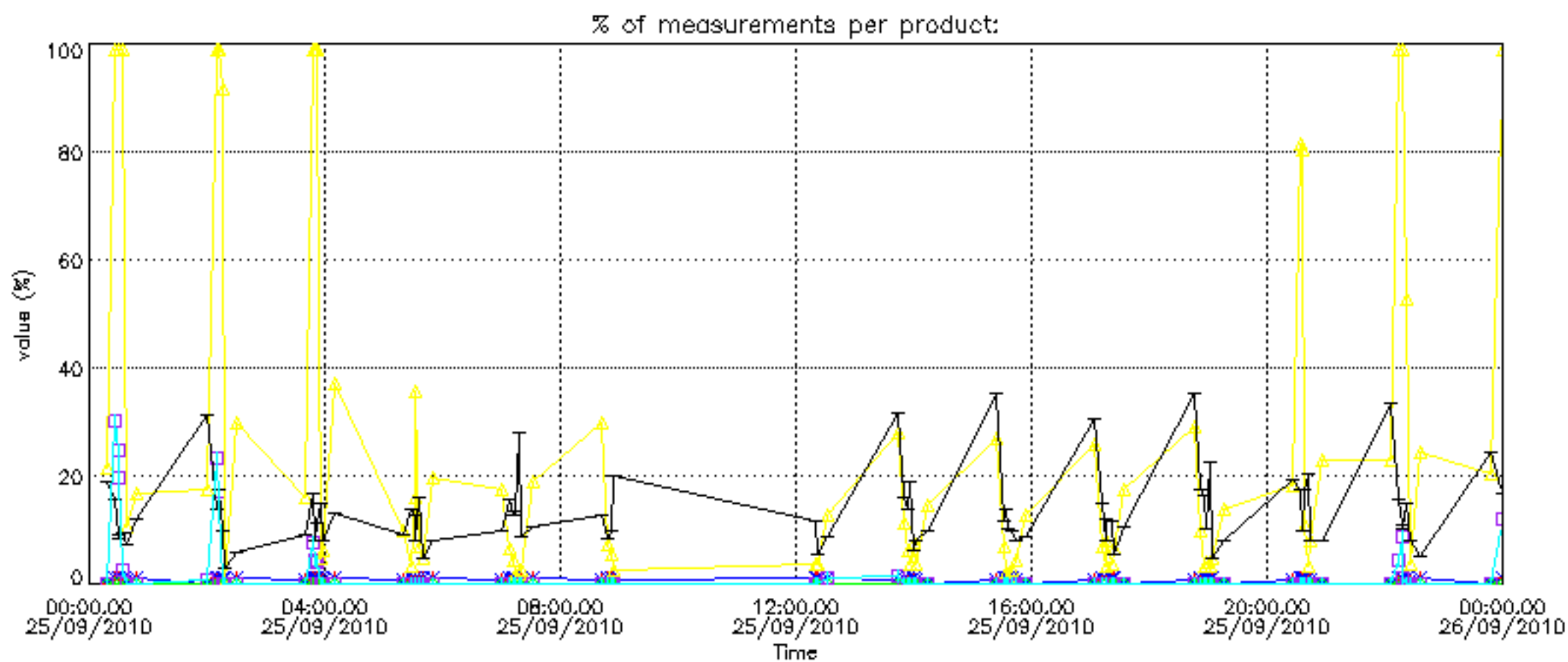


Percentage of flagged data per NO2 profile

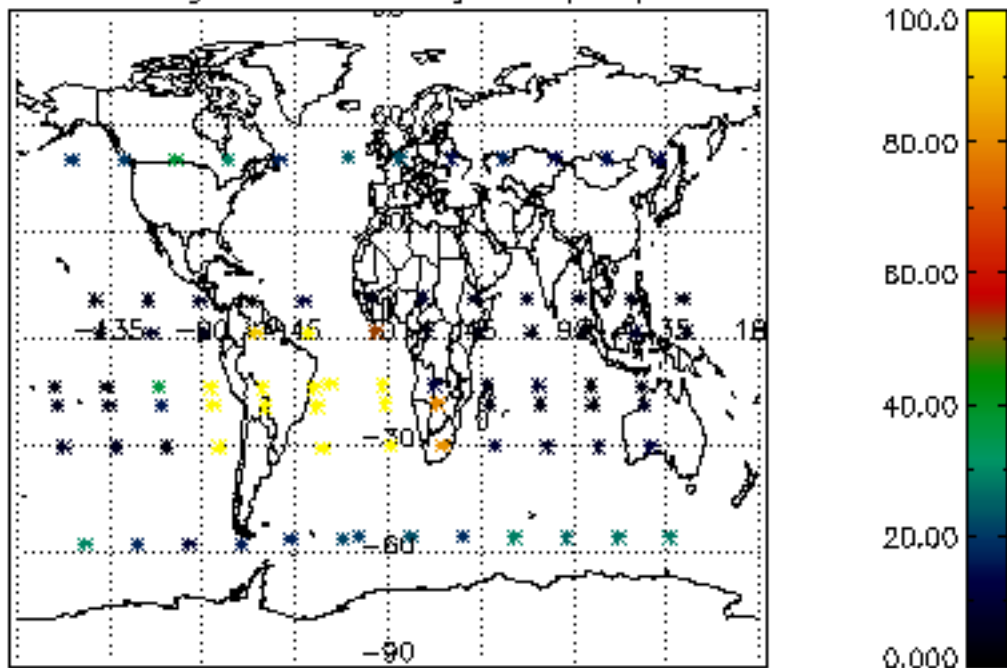


Percentage of flagged data per NO3 profile

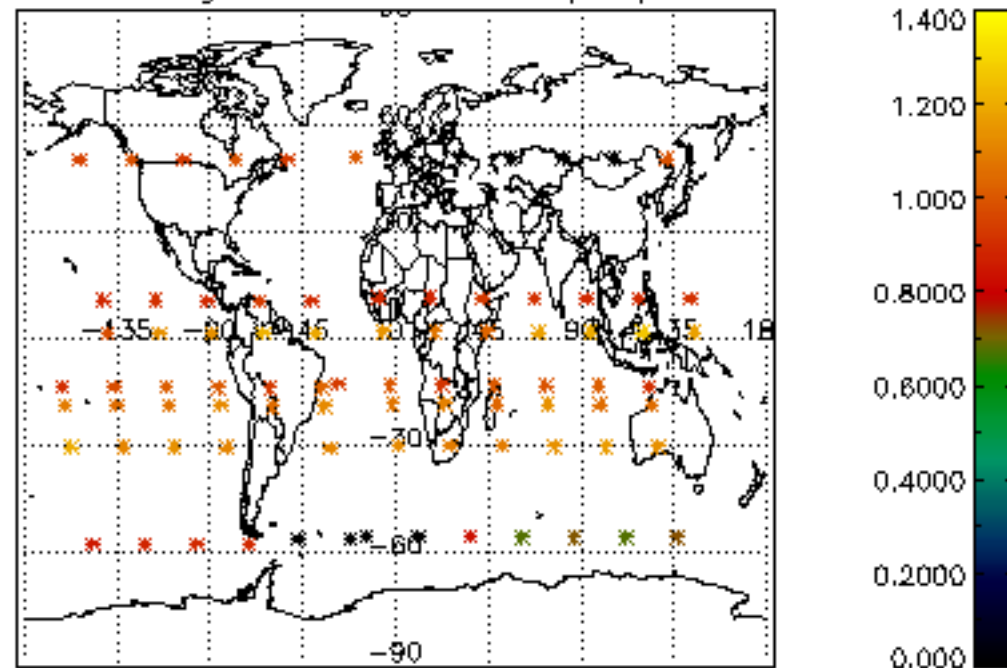




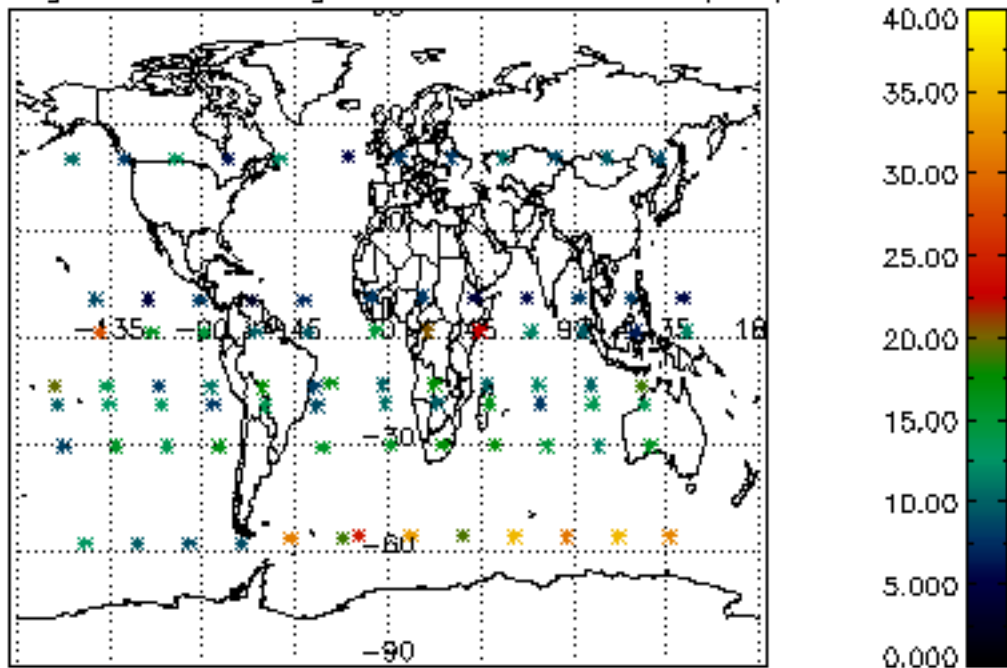
Percentage of cosmic ray hits per profile



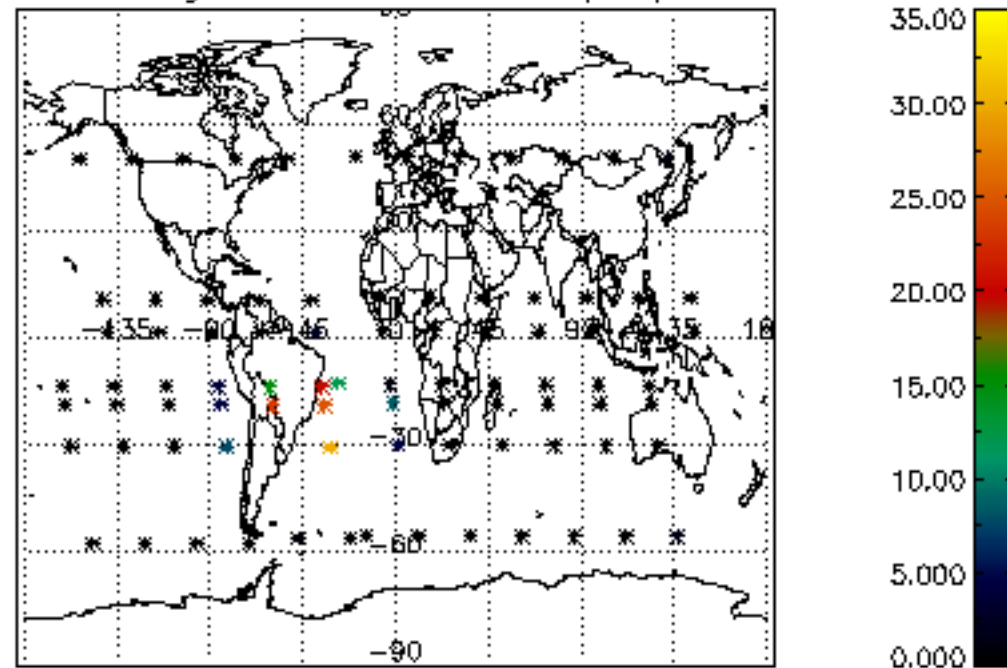
Percentage of datation errors per profile



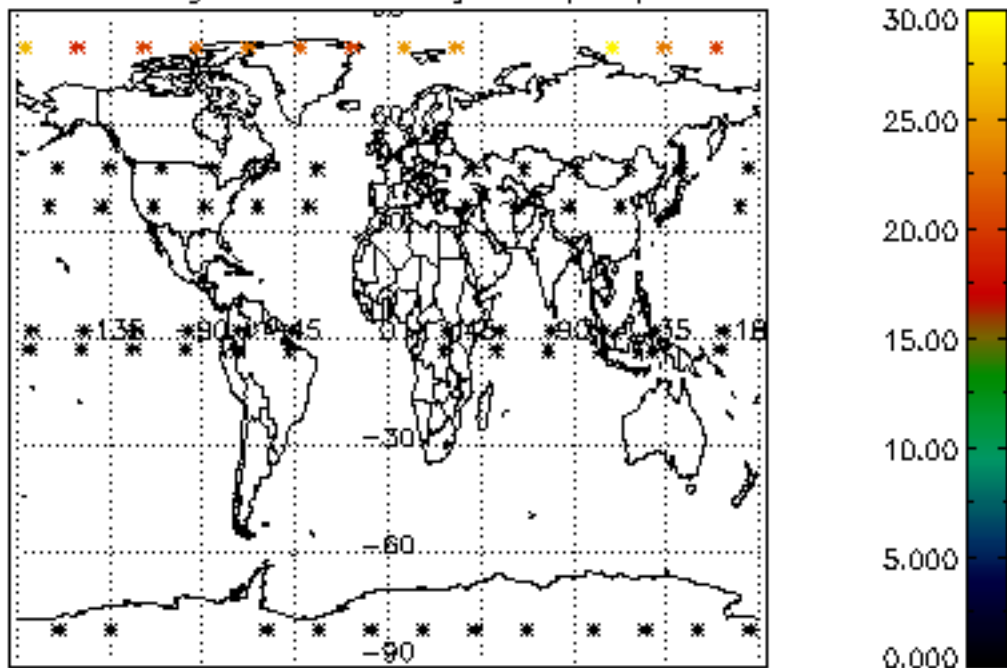
Percentage of star falling outside central band per profile



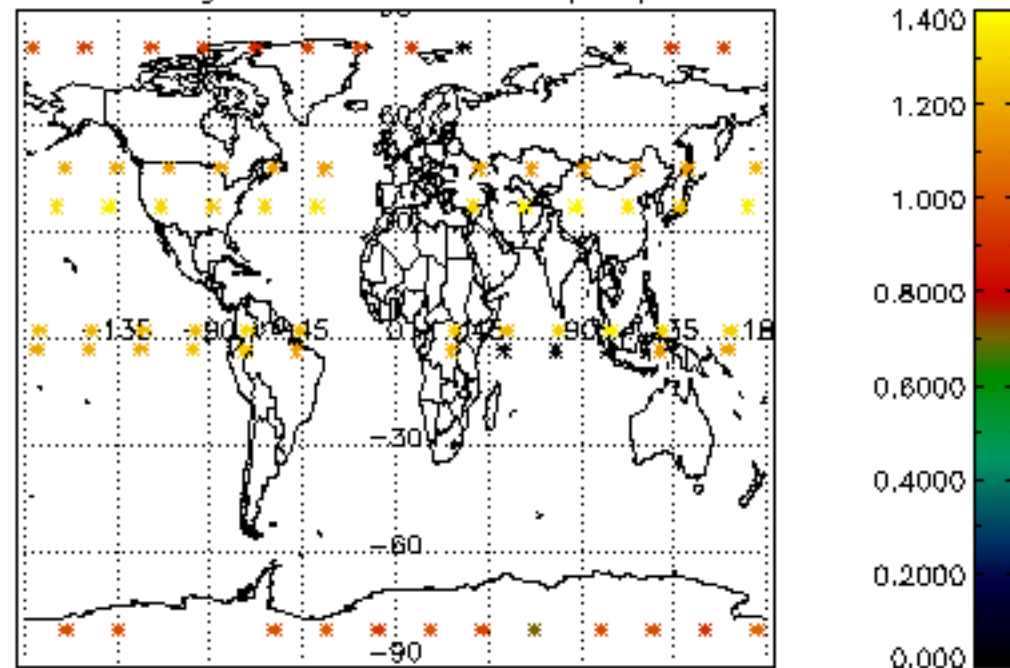
Percentage of saturation errors per profile



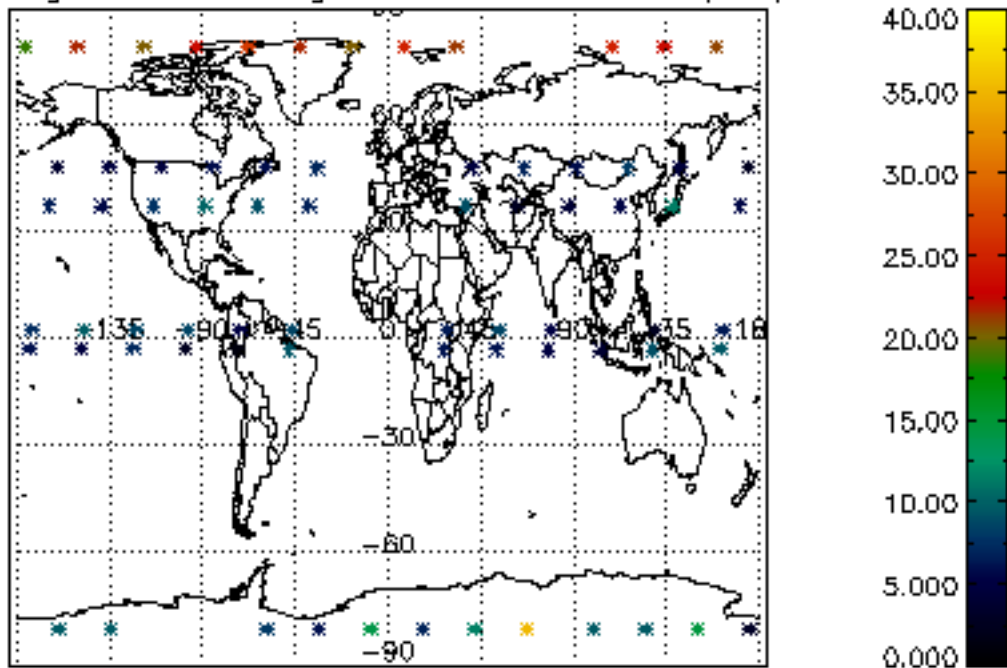
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

