

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 15:08:28
Data source version	GOMOS/6.01
Start time of products	09-09-2010 (09SEP2010 00:00:00)
Stop time of products	10-09-2010 (10SEP2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	118
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__2PRFIN20100909_000641_000000522092_00431_44573_3428.N1	09-SEP-2010 00:06:41	Bright	51.500	42	34Bet Aur	1.9000	10200.	103	44573	No
2	GOM_NL__2PRFIN20100909_001118_000000412092_00431_44573_3429.N1	09-SEP-2010 00:11:18	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	44573	No
3	GOM_NL__2PRFIN20100909_001412_000000552092_00431_44573_3430.N1	09-SEP-2010 00:14:12	Twilight	55.000	170	27Eps Gem	3.0000	9700.0	110	44573	No
4	GOM_NL__2PRFIN20100909_001733_000000582092_00431_44573_3431.N1	09-SEP-2010 00:17:33	Twilight	58.000	44	24Gam Gem	1.9280	11000.	116	44573	No
5	GOM_NL__2PRFIN20100909_001925_000000502092_00431_44573_3432.N1	09-SEP-2010 00:19:25	Twilight	49.500	8	10Alp CMi	0.40000	6500.0	99	44573	No
6	GOM_NL__2PRFIN20100909_002744_000000562092_00431_44573_3433.N1	09-SEP-2010 00:27:44	Dark	55.500	1	9Alp CMa	-1.4400	11000.	111	44573	No
7	GOM_NL__2PRFIN20100909_003015_000000472092_00431_44573_3434.N1	09-SEP-2010 00:30:15	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	44573	No
8	GOM_NL__2PRFIN20100909_004836_000000512092_00432_44574_3435.N1	09-SEP-2010 00:48:36	Dark	51.000	9	Alp Eri	0.45300	24000.	102	44574	No
9	GOM_NL__2PRFIN20100909_005428_000000492092_00432_44574_3436.N1	09-SEP-2010 00:54:28	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	44574	No
10	GOM_NL__2PRFIN20100909_010004_000000482092_00432_44574_3437.N1	09-SEP-2010 01:00:04	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	44574	No
11	GOM_NL__2PRFIN20100909_011410_000000452092_00432_44574_3438.N1	09-SEP-2010 01:14:10	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	44574	No
12	GOM_NL__2PRFIN20100909_011824_000000422092_00432_44574_3439.N1	09-SEP-2010 01:18:24	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	44574	No
13	GOM_NL__2PRFIN20100909_012844_000000392092_00432_44574_3440.N1	09-SEP-2010 01:28:44	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	44574	No
14	GOM_NL__2PRFIN20100909_013043_000000452092_00432_44574_3441.N1	09-SEP-2010 01:30:43	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44574	No
15	GOM_NL__2PRFIN20100909_014717_000000502092_00432_44574_3442.N1	09-SEP-2010 01:47:17	Bright	49.500	42	34Bet Aur	1.9000	10200.	99	44574	No
16	GOM_NL__2PRFIN20100909_015154_000000412092_00432_44574_3443.N1	09-SEP-2010 01:51:54	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	44574	No
17	GOM_NL__2PRFIN20100909_015448_000000552092_00432_44574_3444.N1	09-SEP-2010 01:54:48	Twilight	54.500	170	27Eps Gem	3.0000	9700.0	109	44574	No
18	GOM_NL__2PRFIN20100909_015810_000000552092_00432_44574_3445.N1	09-SEP-2010 01:58:10	Twilight	55.000	44	24Gam Gem	1.9280	11000.	110	44574	No
19	GOM_NL__2PRFIN20100909_020001_000000492092_00432_44574_3446.N1	09-SEP-2010 02:00:01	Twilight	48.500	8	10Alp CMi	0.40000	6500.0	97	44574	No
20	GOM_NL__2PRFIN20100909_020820_000000572092_00432_44574_3447.N1	09-SEP-2010 02:08:20	Dark	57.000	1	9Alp CMa	-1.4400	11000.	114	44574	No
21	GOM_NL__2PRFIN20100909_021052_000000482092_00432_44574_3448.N1	09-SEP-2010 02:10:52	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	44574	No
22	GOM_NL__2PRFIN20100909_022912_000000532092_00433_44575_3445.N1	09-SEP-2010 02:29:12	Dark	53.000	9	Alp Eri	0.45300	24000.	106	44575	No
23	GOM_NL__2PRFIN20100909_023504_000000492092_00433_44575_3446.N1	09-SEP-2010 02:35:04	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	44575	No
24	GOM_NL__2PRFIN20100909_024040_000000462092_00433_44575_3447.N1	09-SEP-2010 02:40:40	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	44575	No
25	GOM_NL__2PRFIN20100909_025446_000000442092_00433_44575_3448.N1	09-SEP-2010 02:54:46	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	44575	No
26	GOM_NL__2PRFIN20100909_025900_000000432092_00433_44575_3449.N1	09-SEP-2010 02:59:00	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	44575	No
27	GOM_NL__2PRFIN20100909_030920_000000442092_00433_44575_3450.N1	09-SEP-2010 03:09:20	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	44575	No
28	GOM_NL__2PRFIN20100909_031118_000000402092_00433_44575_3451.N1	09-SEP-2010 03:11:18	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	44575	No
29	GOM_NL__2PRFIN20100909_032753_000000512092_00433_44575_3452.N1	09-SEP-2010 03:27:53	Bright	50.500	42	34Bet Aur	1.9000	10200.	101	44575	No
30	GOM_NL__2PRFIN20100909_033230_000000412092_00433_44575_3453.N1	09-SEP-2010 03:32:30	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	44575	No
31	GOM_NL__2PRFIN20100909_033524_000000572092_00433_44575_3454.N1	09-SEP-2010 03:35:24	Twilight	56.500	170	27Eps Gem	3.0000	9700.0	113	44575	No
32	GOM_NL__2PRFIN20100909_033846_000000552092_00433_44575_3455.N1	09-SEP-2010 03:38:46	Twilight	55.000	44	24Gam Gem	1.9280	11000.	110	44575	No
33	GOM_NL__2PRFIN20100909_034037_000000582092_00433_44575_3456.N1	09-SEP-2010 03:40:37	Twilight	58.000	8	10Alp CMi	0.40000	6500.0	116	44575	No
34	GOM_NL__2PRFIN20100909_034857_000000542092_00433_44575_3457.N1	09-SEP-2010 03:48:57	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	44575	No
35	GOM_NL__2PRFIN20100909_035128_000000462092_00433_44575_3458.N1	09-SEP-2010 03:51:28	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	44575	No
36	GOM_NL__2PRFIN20100909_035332_000000462092_00433_44575_3459.N1	09-SEP-2010 03:53:32	Dark	45.500	177	1Zet CMa	3.0220	26000.	91	44575	No
37	GOM_NL__2PRFIN20100909_035646_000000492092_00433_44575_3460.N1	09-SEP-2010 03:56:46	Dark	48.500	108	Alp Col	2.6520	15200.	97	44575	No
38	GOM_NL__2PRFIN20100909_040949_000000472092_00434_44576_3456.N1	09-SEP-2010 04:09:49	Dark	46.500	9	Alp Eri	0.45300	24000.	93	44576	No
39	GOM_NL__2PRFIN20100909_041541_000000462092_00434_44576_3457.N1	09-SEP-2010 04:15:41	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	44576	No
40	GOM_NL__2PRFIN20100909_042117_000000472092_00434_44576_3458.N1	09-SEP-2010 04:21:17	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	44576	No
41	GOM_NL__2PRFIN20100909_043522_000000432092_00434_44576_3459.N1	09-SEP-2010 04:35:22	Bright	42.500	90	54Alp Peg	2.4870	11000.	85	44576	No
42	GOM_NL__2PRFIN20100909_043935_000000402092_00434_44576_3460.N1	09-SEP-2010 04:39:35	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	44576	No

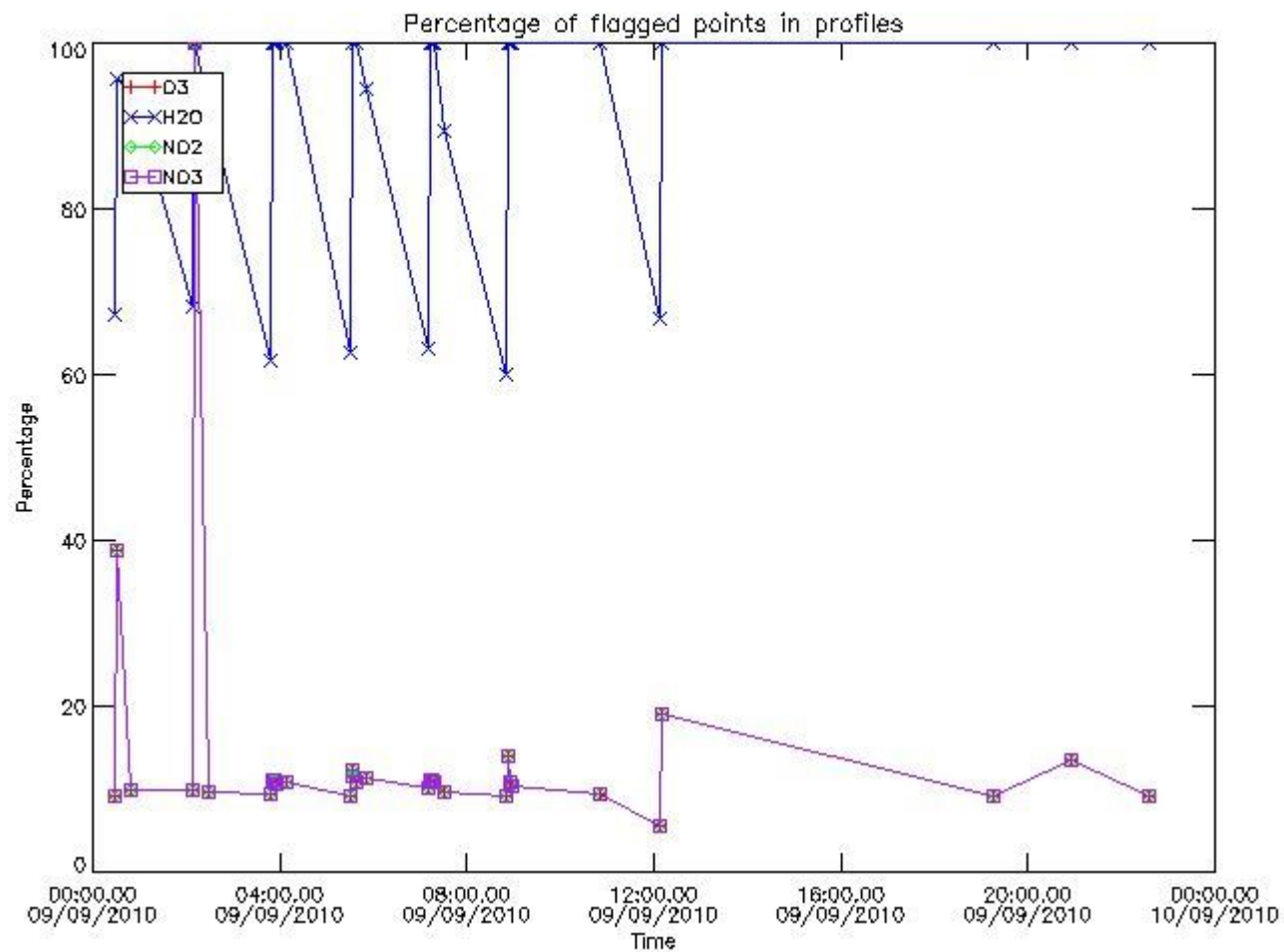
43	GOM_NL__2PRFIN20100909_044955_000000412092_00434_44576_3461.N1	09-SEP-2010 04:49:55	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	44576	No
44	GOM_NL__2PRFIN20100909_045154_000000452092_00434_44576_3462.N1	09-SEP-2010 04:51:54	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	44576	No
45	GOM_NL__2PRFIN20100909_050829_000000522092_00434_44576_3463.N1	09-SEP-2010 05:08:29	Bright	52.000	42	34Bet Aur	1.9000	10200.	104	44576	No
46	GOM_NL__2PRFIN20100909_051306_000000412092_00434_44576_3464.N1	09-SEP-2010 05:13:06	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	44576	No
47	GOM_NL__2PRFIN20100909_051600_000000522092_00434_44576_3465.N1	09-SEP-2010 05:16:00	Tw_i_and_stray	51.500	170	27Eps Gem	3.0000	9700.0	103	44576	No
48	GOM_NL__2PRFIN20100909_051922_000000572092_00434_44576_3466.N1	09-SEP-2010 05:19:22	Tw_i_and_stray	56.500	44	24Gam Gem	1.9280	11000.	113	44576	No
49	GOM_NL__2PRFIN20100909_052114_000000562092_00434_44576_3467.N1	09-SEP-2010 05:21:14	Twilight	55.500	8	10Alp CMi	0.40000	6500.0	111	44576	No
50	GOM_NL__2PRFIN20100909_052934_000000612092_00434_44576_3468.N1	09-SEP-2010 05:29:34	Dark	60.500	1	9Alp CMA	-1.4400	11000.	121	44576	No
51	GOM_NL__2PRFIN20100909_053205_000000462092_00434_44576_3469.N1	09-SEP-2010 05:32:05	Dark	46.000	23	21Eps CMA	1.5020	26000.	92	44576	No
52	GOM_NL__2PRFIN20100909_053409_000000442092_00434_44576_3470.N1	09-SEP-2010 05:34:09	Dark	44.000	177	1Zet CMA	3.0220	26000.	88	44576	No
53	GOM_NL__2PRFIN20100909_053723_000000482092_00434_44576_3471.N1	09-SEP-2010 05:37:23	Dark	47.500	108	Alp Col	2.6520	15200.	95	44576	No
54	GOM_NL__2PRFIN20100909_055026_000000452092_00435_44577_3468.N1	09-SEP-2010 05:50:26	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44577	No
55	GOM_NL__2PRFIN20100909_055617_000000442092_00435_44577_3469.N1	09-SEP-2010 05:56:17	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	44577	No
56	GOM_NL__2PRFIN20100909_060153_000000462092_00435_44577_3470.N1	09-SEP-2010 06:01:53	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	44577	No
57	GOM_NL__2PRFIN20100909_061557_000000432092_00435_44577_3471.N1	09-SEP-2010 06:15:57	Bright	43.000	90	54Alp Peg	2.4870	11000.	86	44577	No
58	GOM_NL__2PRFIN20100909_062011_000000422092_00435_44577_3472.N1	09-SEP-2010 06:20:11	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	44577	No
59	GOM_NL__2PRFIN20100909_063031_000000442092_00435_44577_3473.N1	09-SEP-2010 06:30:31	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	44577	No
60	GOM_NL__2PRFIN20100909_063229_000000442092_00435_44577_3474.N1	09-SEP-2010 06:32:29	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	44577	No
61	GOM_NL__2PRFIN20100909_064904_000000492092_00435_44577_3475.N1	09-SEP-2010 06:49:04	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	44577	No
62	GOM_NL__2PRFIN20100909_065343_000000412092_00435_44577_3476.N1	09-SEP-2010 06:53:43	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	44577	No
63	GOM_NL__2PRFIN20100909_065636_000000552092_00435_44577_3477.N1	09-SEP-2010 06:56:36	Tw_i_and_stray	55.000	170	27Eps Gem	3.0000	9700.0	110	44577	No
64	GOM_NL__2PRFIN20100909_065959_000000542092_00435_44577_3478.N1	09-SEP-2010 06:59:59	Tw_i_and_stray	54.000	44	24Gam Gem	1.9280	11000.	108	44577	No
65	GOM_NL__2PRFIN20100909_070150_000000472092_00435_44577_3479.N1	09-SEP-2010 07:01:50	Twilight	47.000	8	10Alp CMi	0.40000	6500.0	94	44577	No
66	GOM_NL__2PRFIN20100909_071011_000000512092_00435_44577_3480.N1	09-SEP-2010 07:10:11	Dark	50.500	1	9Alp CMA	-1.4400	11000.	101	44577	No
67	GOM_NL__2PRFIN20100909_071242_000000462092_00435_44577_3481.N1	09-SEP-2010 07:12:42	Dark	45.500	23	21Eps CMA	1.5020	26000.	91	44577	No
68	GOM_NL__2PRFIN20100909_071446_000000462092_00435_44577_3482.N1	09-SEP-2010 07:14:46	Dark	45.500	177	1Zet CMA	3.0220	26000.	91	44577	No
69	GOM_NL__2PRFIN20100909_071800_000000482092_00435_44577_3483.N1	09-SEP-2010 07:18:00	Dark	47.500	108	Alp Col	2.6520	15200.	95	44577	No
70	GOM_NL__2PRFIN20100909_073102_000000532092_00436_44578_3483.N1	09-SEP-2010 07:31:02	Dark	52.500	9	Alp Eri	0.45300	24000.	105	44578	No
71	GOM_NL__2PRFIN20100909_073654_000000462092_00436_44578_3484.N1	09-SEP-2010 07:36:54	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	44578	No
72	GOM_NL__2PRFIN20100909_074229_000000462092_00436_44578_3485.N1	09-SEP-2010 07:42:29	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	44578	No
73	GOM_NL__2PRFIN20100909_075633_000000452092_00436_44578_3486.N1	09-SEP-2010 07:56:33	Bright	44.500	90	54Alp Peg	2.4870	11000.	89	44578	No
74	GOM_NL__2PRFIN20100909_080047_000000422092_00436_44578_3487.N1	09-SEP-2010 08:00:47	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	44578	No
75	GOM_NL__2PRFIN20100909_081106_000000432092_00436_44578_3488.N1	09-SEP-2010 08:11:06	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	44578	No
76	GOM_NL__2PRFIN20100909_081305_000000442092_00436_44578_3489.N1	09-SEP-2010 08:13:05	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	44578	No
77	GOM_NL__2PRFIN20100909_082940_000000512092_00436_44578_3490.N1	09-SEP-2010 08:29:40	Bright	51.000	42	34Bet Aur	1.9000	10200.	102	44578	No
78	GOM_NL__2PRFIN20100909_083419_000000432092_00436_44578_3491.N1	09-SEP-2010 08:34:19	Bright	42.500	24	66Alp Gem	1.5800	10200.	85	44578	No
79	GOM_NL__2PRFIN20100909_083713_000000532092_00436_44578_3492.N1	09-SEP-2010 08:37:13	Tw_i_and_stray	52.500	170	27Eps Gem	3.0000	9700.0	105	44578	No
80	GOM_NL__2PRFIN20100909_084036_000000572092_00436_44578_3493.N1	09-SEP-2010 08:40:36	Tw_i_and_stray	57.000	44	24Gam Gem	1.9280	11000.	114	44578	No
81	GOM_NL__2PRFIN20100909_084227_000000502092_00436_44578_3494.N1	09-SEP-2010 08:42:27	Twilight	49.500	8	10Alp CMi	0.40000	6500.0	99	44578	No
82	GOM_NL__2PRFIN20100909_085048_000000562092_00436_44578_3495.N1	09-SEP-2010 08:50:48	Dark	55.500	1	9Alp CMA	-1.4400	11000.	111	44578	No
83	GOM_NL__2PRFIN20100909_085319_000000442092_00436_44578_3496.N1	09-SEP-2010 08:53:19	Dark	44.000	23	21Eps CMA	1.5020	26000.	88	44578	No
84	GOM_NL__2PRFIN20100909_085523_000000472092_00436_44578_3497.N1	09-SEP-2010 08:55:23	Dark	46.500	177	1Zet CMA	3.0220	26000.	93	44578	No
85	GOM_NL__2PRFIN20100909_085837_000000492092_00436_44578_3498.N1	09-SEP-2010 08:58:37	Dark	49.000	108	Alp Col	2.6520	15200.	98	44578	No
86	GOM_NL__2PRFIN20100909_105126_000000552092_00438_44580_3567.N1	09-SEP-2010 10:51:26	Dark	54.500	157	The1Eri	2.9060	9300.0	109	44580	No
87	GOM_NL__2PRFIN20100909_110615_000000672092_00438_44580_3568.N1	09-SEP-2010 11:06:15	Tw_i_and_stray	66.500	52	16Bet Cet	2.0370	4500.0	133	44580	No
88	GOM_NL__2PRFIN20100909_112005_000000572092_00438_44580_3569.N1	09-SEP-2010 11:20:05	Bright	56.500	140	88Gam Peg	2.8340	26000.	113	44580	No
89	GOM_NL__2PRFIN20100909_112438_000000522092_00438_44580_3570.N1	09-SEP-2010 11:24:38	Bright	51.500	58	21Alp And	2.0730	11000.	103	44580	No
90	GOM_NL__2PRFIN20100909_113118_000000732092_00438_44580_3571.N1	09-SEP-2010 11:31:18	Bright	72.500	53	43Bet And	2.0480	3300.0	145	44580	No
91	GOM_NL__2PRFIN20100909_113523_000000462092_00438_44580_3572.N1	09-SEP-2010 11:35:23	Bright	45.500	110	37Del Cas	2.6780	8900.0	91	44580	No
92	GOM_NL__2PRFIN20100909_113733_000000782092_00438_44580_3573.N1	09-SEP-2010 11:37:33	Bright	77.500	73	57Gam1And	2.2600	13100.	155	44580	No
93	GOM_NL__2PRFIN20100909_114055_000000582092_00438_44580_3574.N1	09-SEP-2010 11:40:55	Bright	58.000	160	23Gam Per	2.9300	4700.0	116	44580	No
94	GOM_NL__2PRFIN20100909_114302_000000692092_00438_44580_3575.N1	09-SEP-2010 11:43:02	Bright	68.500	35	33Alp Per	1.7950	6250.0	137	44580	No
95	GOM_NL__2PRFIN20100909_114456_000000682092_00438_44580_3576.N1	09-SEP-2010 11:44:56	Bright	68.000	175	39Del Per	3.0100	19400.	136	44580	No
96	GOM_NL__2PRFIN20100909_114940_000000652092_00438_44580_3577.N1	09-SEP-2010 11:49:40	Bright	65.000	6	13Alp Aur	0.080000	3400.0	130	44580	No
97	GOM_NL__2PRFIN20100909_115400_000000782092_00438_44580_3578.N1	09-SEP-2010 11:54:00	Bright	78.000	107	37The Aur	2.6490	11000.	156	44580	No
98	GOM_NL__2PRFIN20100909_115832_000000822092_00438_44580_3579.N1	09-SEP-2010 11:58:32	Tw_i_and_stray	81.500	28	12Bet Tau	1.6500	15200.	163	44580	No
99	GOM_NL__2PRFIN20100909_120148_000000572092_00438_44580_3580.N1	09-SEP-2010 12:01:48	Tw_i_and_stray	56.500	44	24Gam Gem	1.9280	11000.	113	44580	No
100	GOM_NL__2PRFIN20100909_120732_000001002092_00438_44580_3581.N1	09-SEP-2010 12:07:32	Dark	100.00	14	58Alp Ori	0.87000	3000.0	200	44580	No
101	GOM_NL__2PRFIN20100909_121109_000000272092_00438_44580_3582.N1	09-SEP-2010 12:11:09	Dark	26.500	27	24Gam Ori	1.6360	26000.	53	44580	No

102	GOM_NL__2PRFIN20100909_180225_000000562092_00442_44584_3726.N1	09-SEP-2010 18:02:25	Bright	56.000	140	88Gam Peg	2.8340	26000.	112	44584	No
103	GOM_NL__2PRFIN20100909_180657_000000552092_00442_44584_3727.N1	09-SEP-2010 18:06:57	Bright	54.500	58	21Alp And	2.0730	11000.	109	44584	No
104	GOM_NL__2PRFIN20100909_182315_000000602092_00442_44584_3728.N1	09-SEP-2010 18:23:15	Bright	59.500	160	23Gam Per	2.9300	4700.0	119	44584	No
105	GOM_NL__2PRFIN20100909_183203_000000612092_00442_44584_3729.N1	09-SEP-2010 18:32:03	Bright	61.000	6	13Alp Aur	0.080000	3400.0	122	44584	No
106	GOM_NL__2PRFIN20100909_183624_000000492092_00442_44584_3730.N1	09-SEP-2010 18:36:24	Bright	49.000	107	37The Aur	2.6490	11000.	98	44584	No
107	GOM_NL__2PRFIN20100909_191432_000000552092_00443_44585_3778.N1	09-SEP-2010 19:14:32	Dark	54.500	157	The1Eri	2.9060	9300.0	109	44585	No
108	GOM_NL__2PRFIN20100909_192915_000000692092_00443_44585_3779.N1	09-SEP-2010 19:29:15	Twilight	69.000	52	16Bet Cet	2.0370	4500.0	138	44585	No
109	GOM_NL__2PRFIN20100909_194732_000000562092_00443_44585_3780.N1	09-SEP-2010 19:47:32	Bright	55.500	58	21Alp And	2.0730	11000.	111	44585	No
110	GOM_NL__2PRFIN20100909_201238_000000682092_00443_44585_3781.N1	09-SEP-2010 20:12:38	Bright	68.000	6	13Alp Aur	0.080000	3400.0	136	44585	No
111	GOM_NL__2PRFIN20100909_201700_000000542092_00443_44585_3782.N1	09-SEP-2010 20:17:00	Bright	54.000	107	37The Aur	2.6490	11000.	108	44585	No
112	GOM_NL__2PRFIN20100909_205508_000000372092_00444_44586_3807.N1	09-SEP-2010 20:55:08	Dark	37.000	157	The1Eri	2.9060	9300.0	74	44586	No
113	GOM_NL__2PRFIN20100909_210951_000000692092_00444_44586_3808.N1	09-SEP-2010 21:09:51	Twilight	68.500	52	16Bet Cet	2.0370	4500.0	137	44586	No
114	GOM_NL__2PRFIN20100909_215736_000000572092_00444_44586_3809.N1	09-SEP-2010 21:57:36	Bright	57.000	107	37The Aur	2.6490	11000.	114	44586	No
115	GOM_NL__2PRFIN20100909_220527_000000582092_00444_44586_3810.N1	09-SEP-2010 22:05:27	Twilight	57.500	44	24Gam Gem	1.9280	11000.	115	44586	No
116	GOM_NL__2PRFIN20100909_223545_000000562092_00445_44587_3819.N1	09-SEP-2010 22:35:45	Dark	55.500	157	The1Eri	2.9060	9300.0	111	44587	No
117	GOM_NL__2PRFIN20100909_225027_000000692092_00445_44587_3820.N1	09-SEP-2010 22:50:27	Twilight	69.000	52	16Bet Cet	2.0370	4500.0	138	44587	No
118	GOM_NL__2PRFIN20100909_233811_000000552092_00445_44587_3821.N1	09-SEP-2010 23:38:11	Bright	55.000	107	37The Aur	2.6490	11000.	110	44587	No

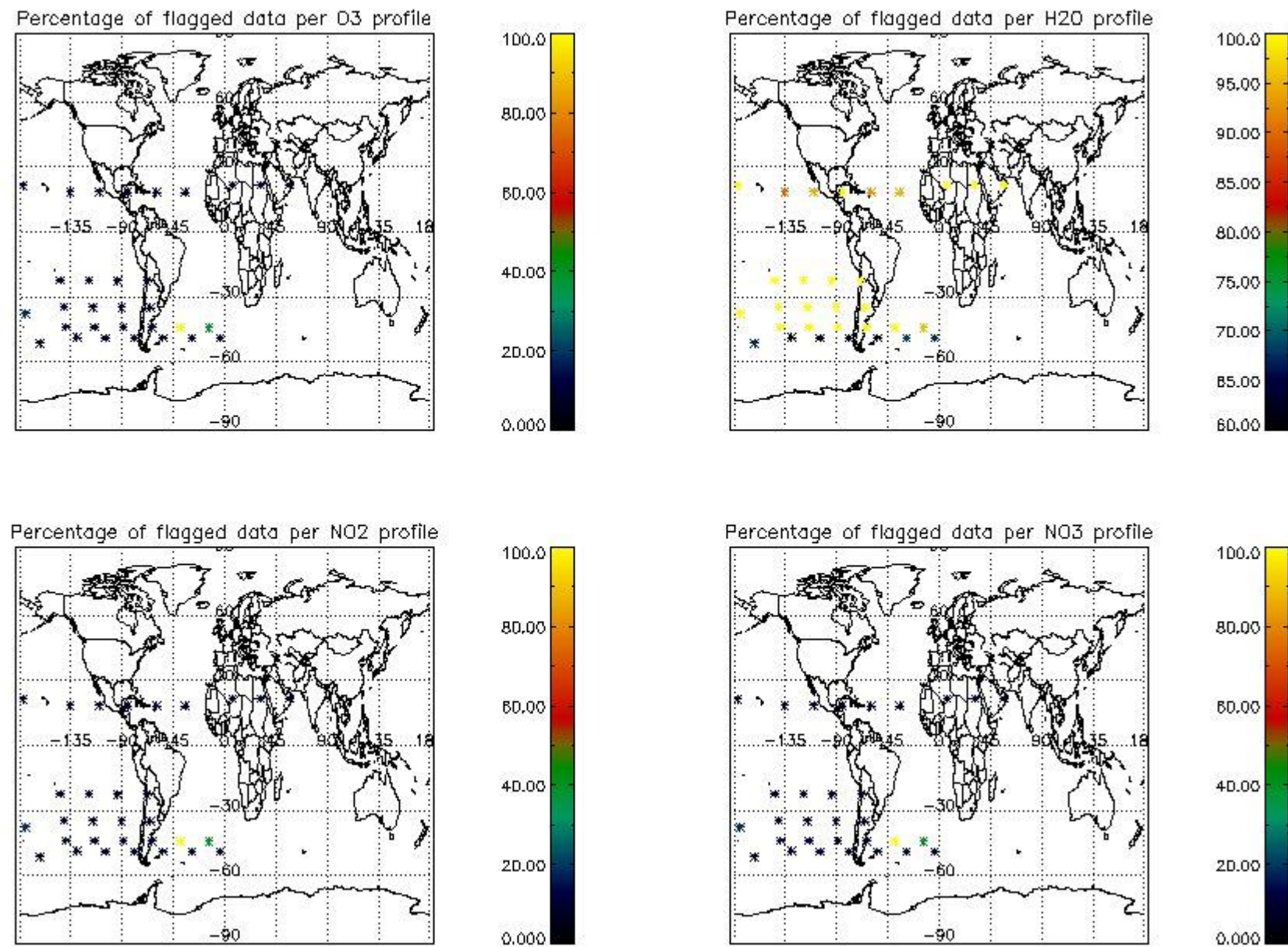
3. Quality information per product

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)

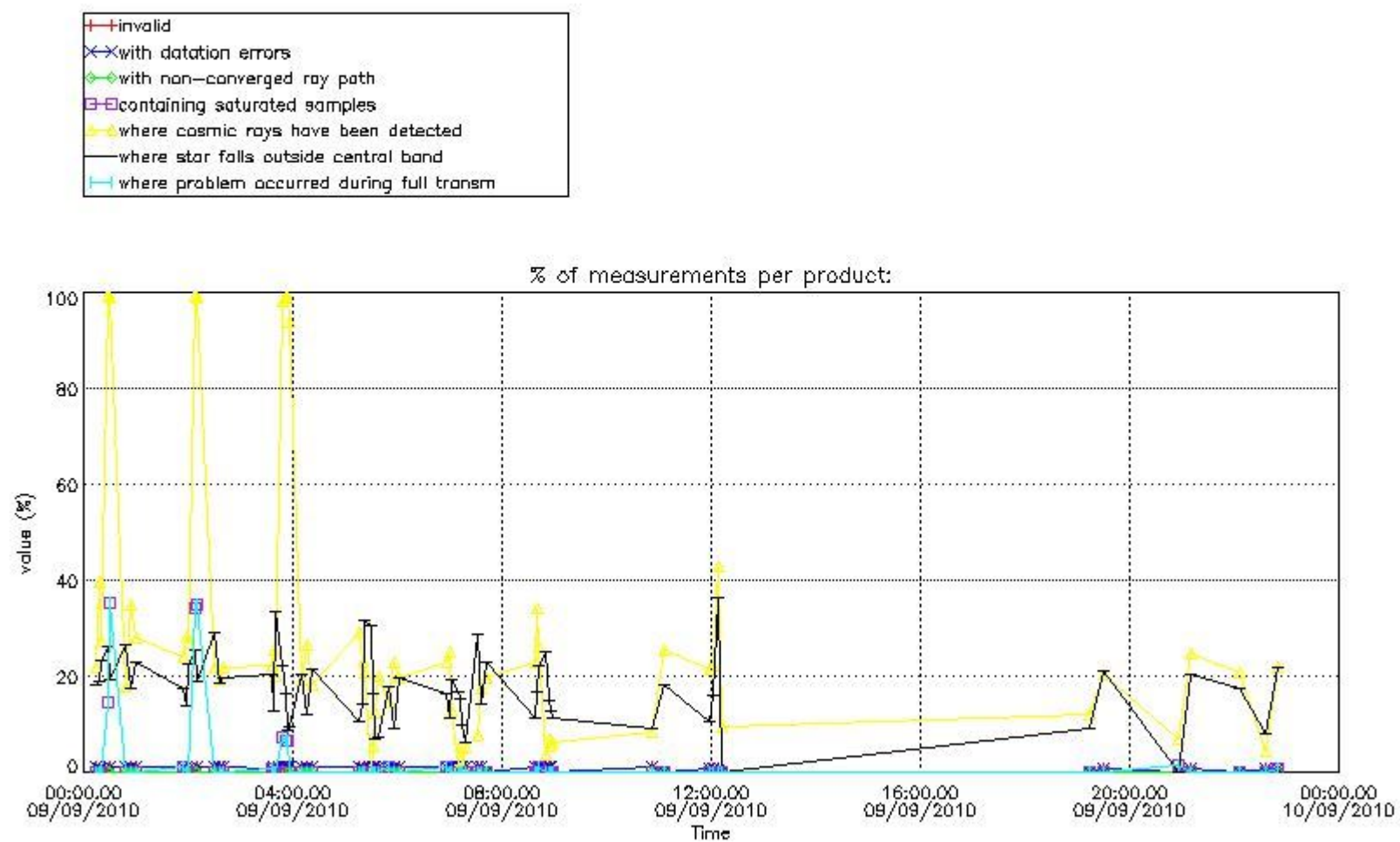


4. Level 1 quality information per product

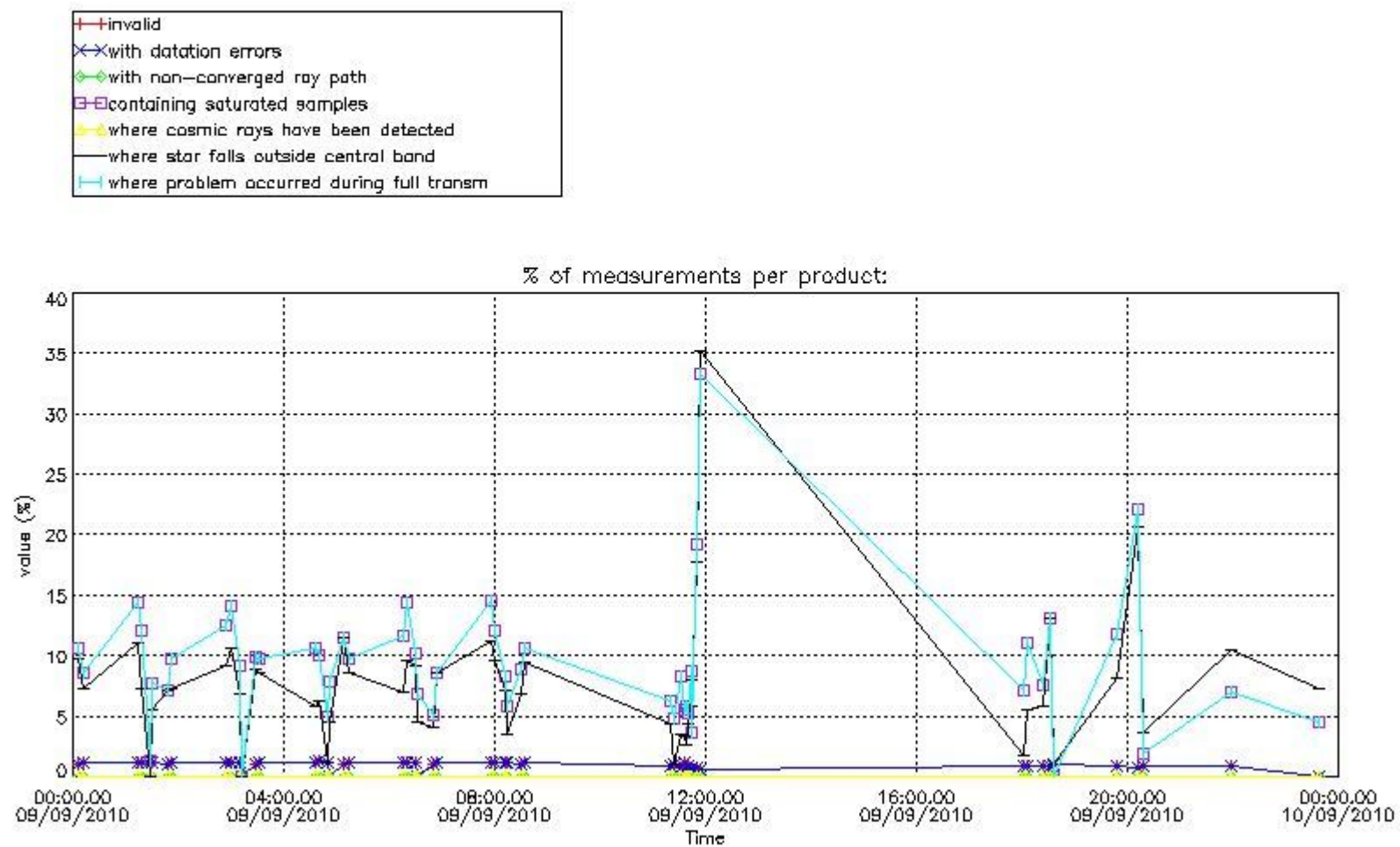
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



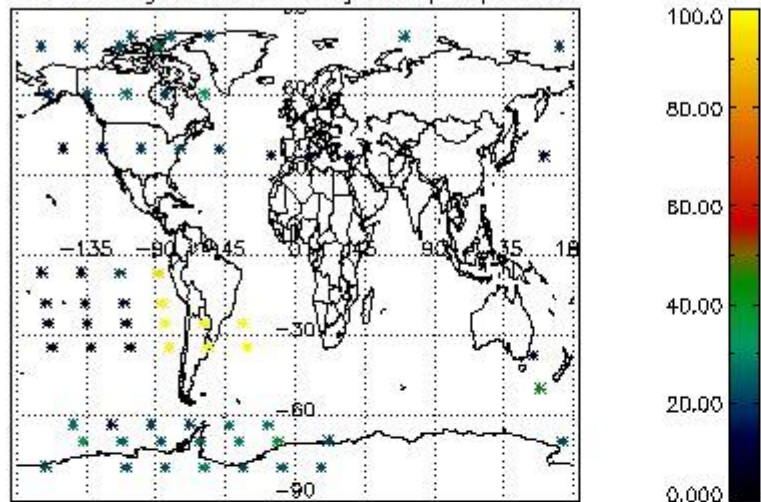
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



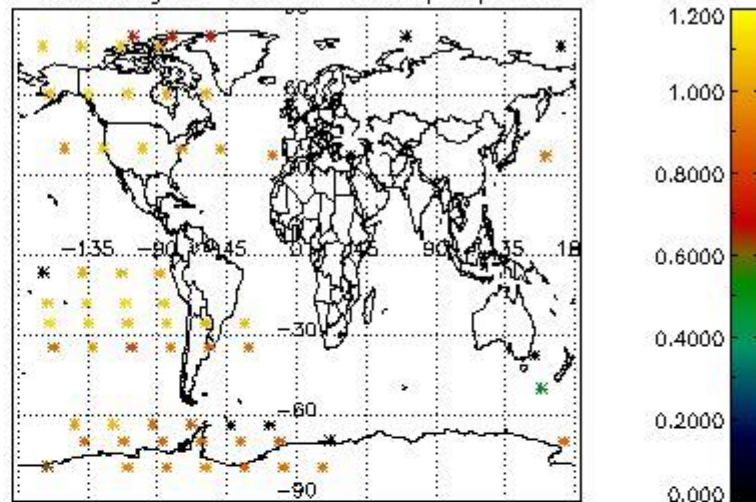
4.2 Plot quality information per product coming from level 1b processing (world map)

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

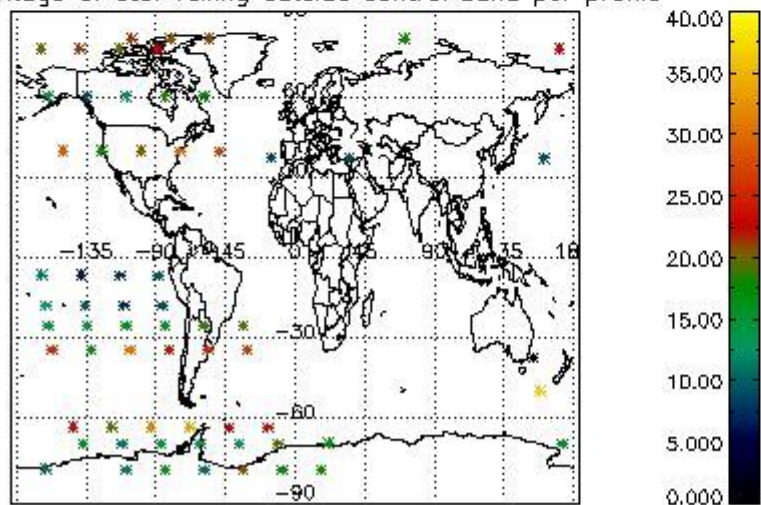
Percentage of cosmic ray hits per profile



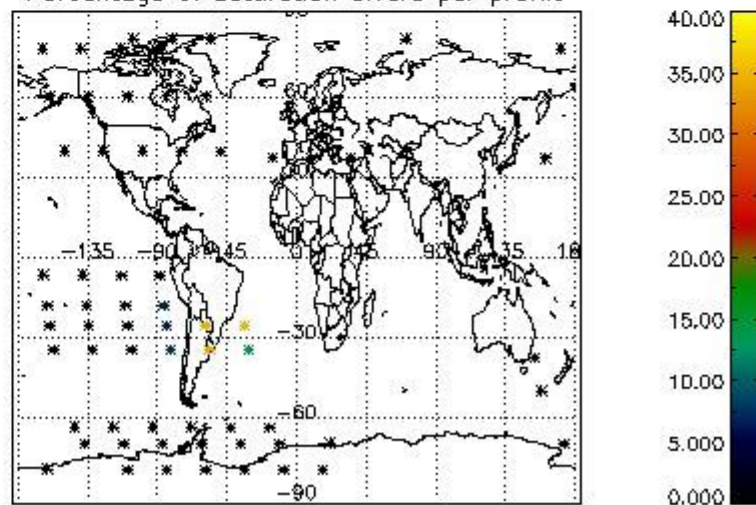
Percentage of datation errors per profile



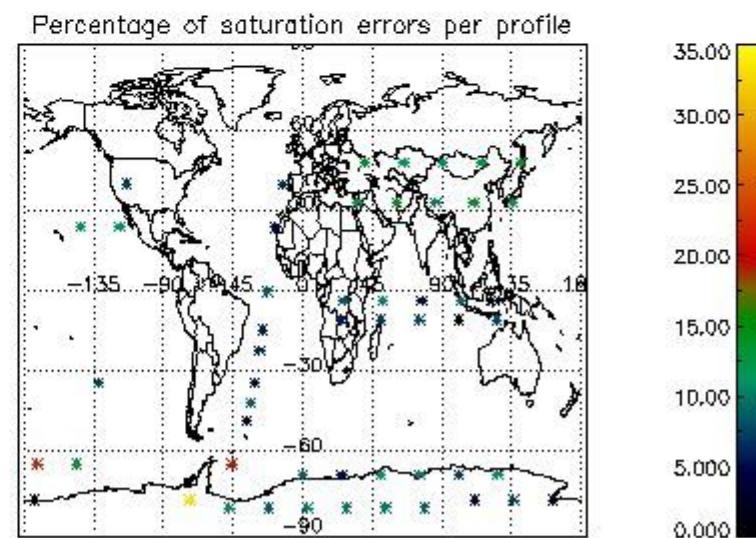
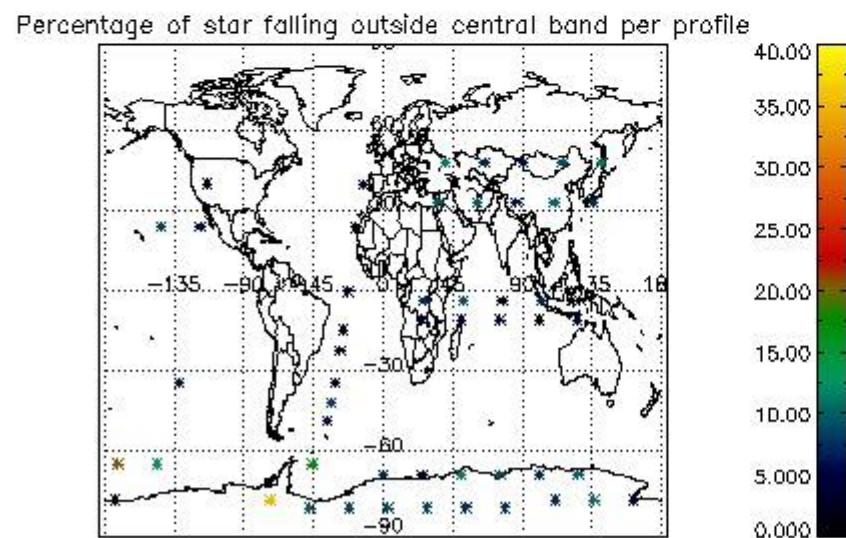
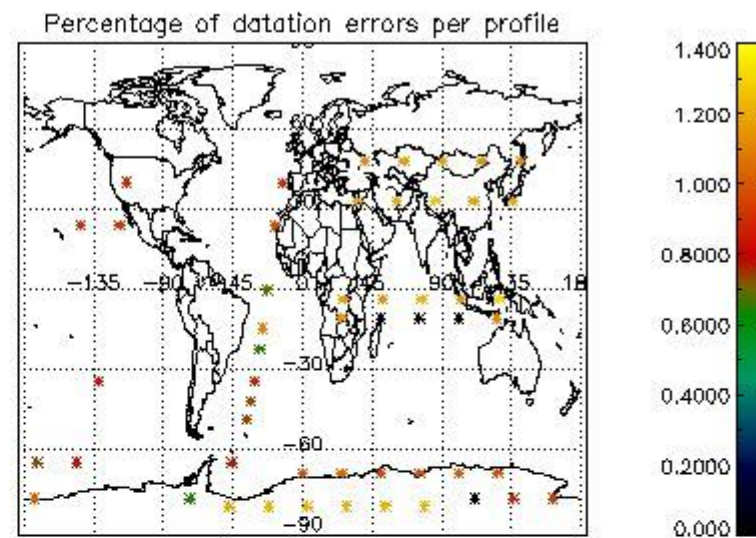
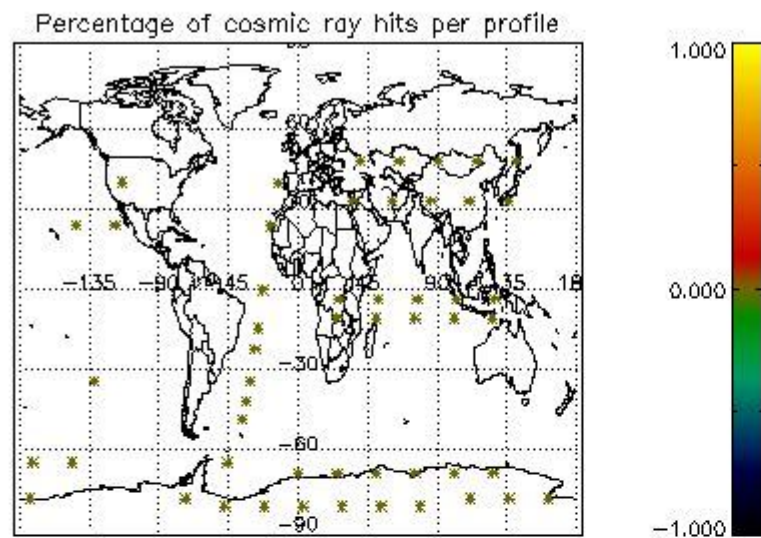
Percentage of star falling outside central band per profile



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

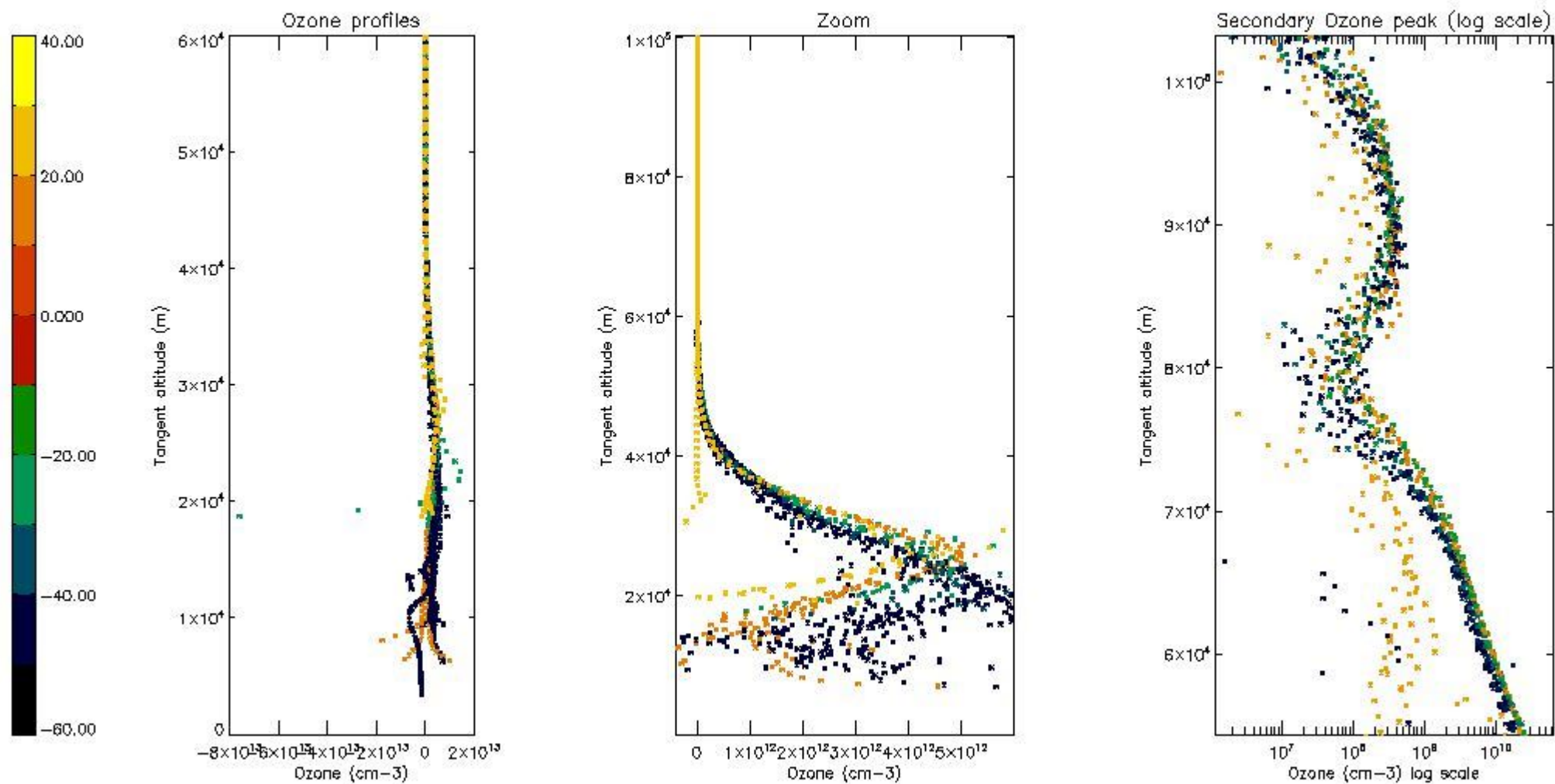
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	15

STD < 10	13
STD < 5	10

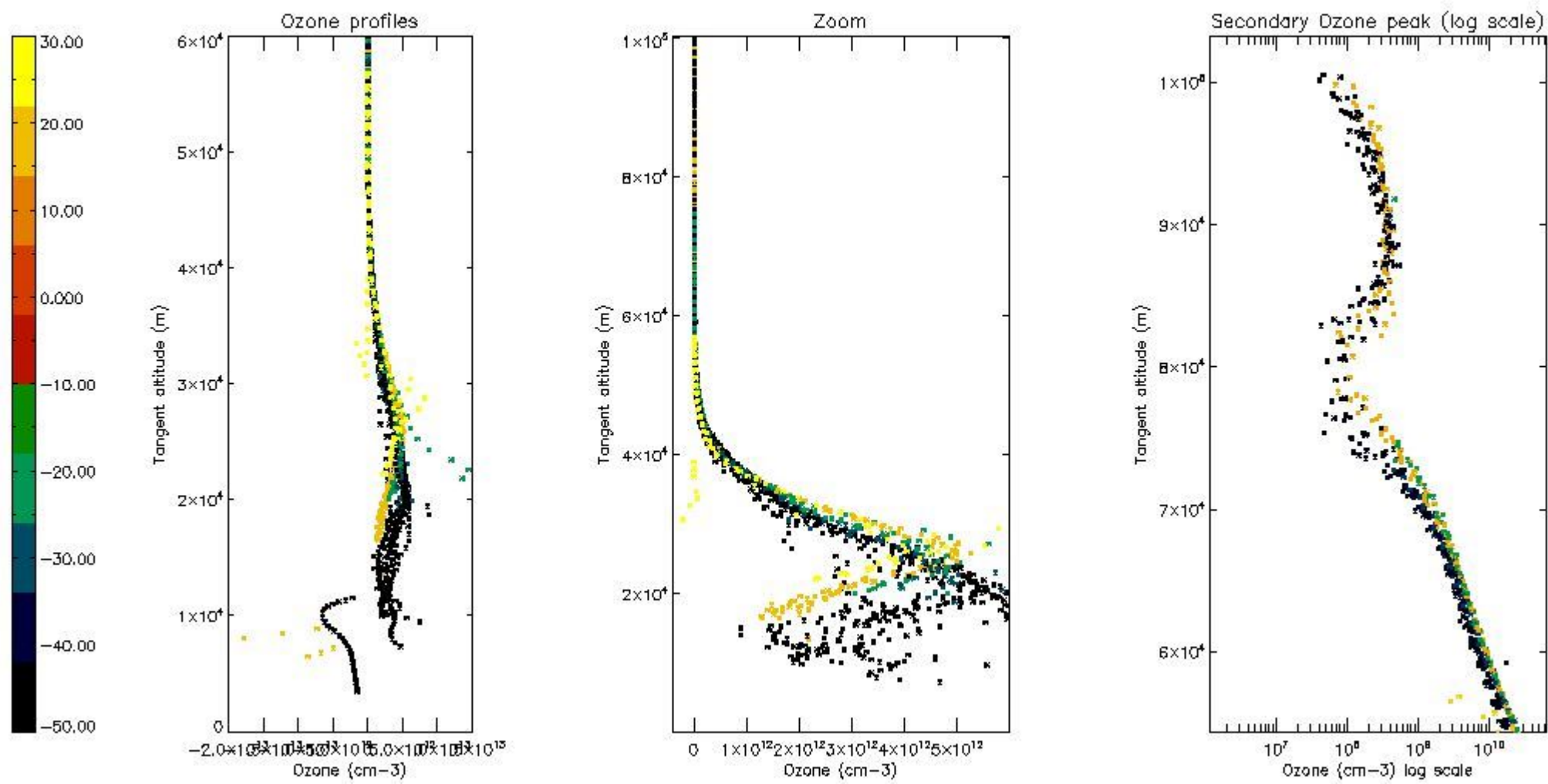
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



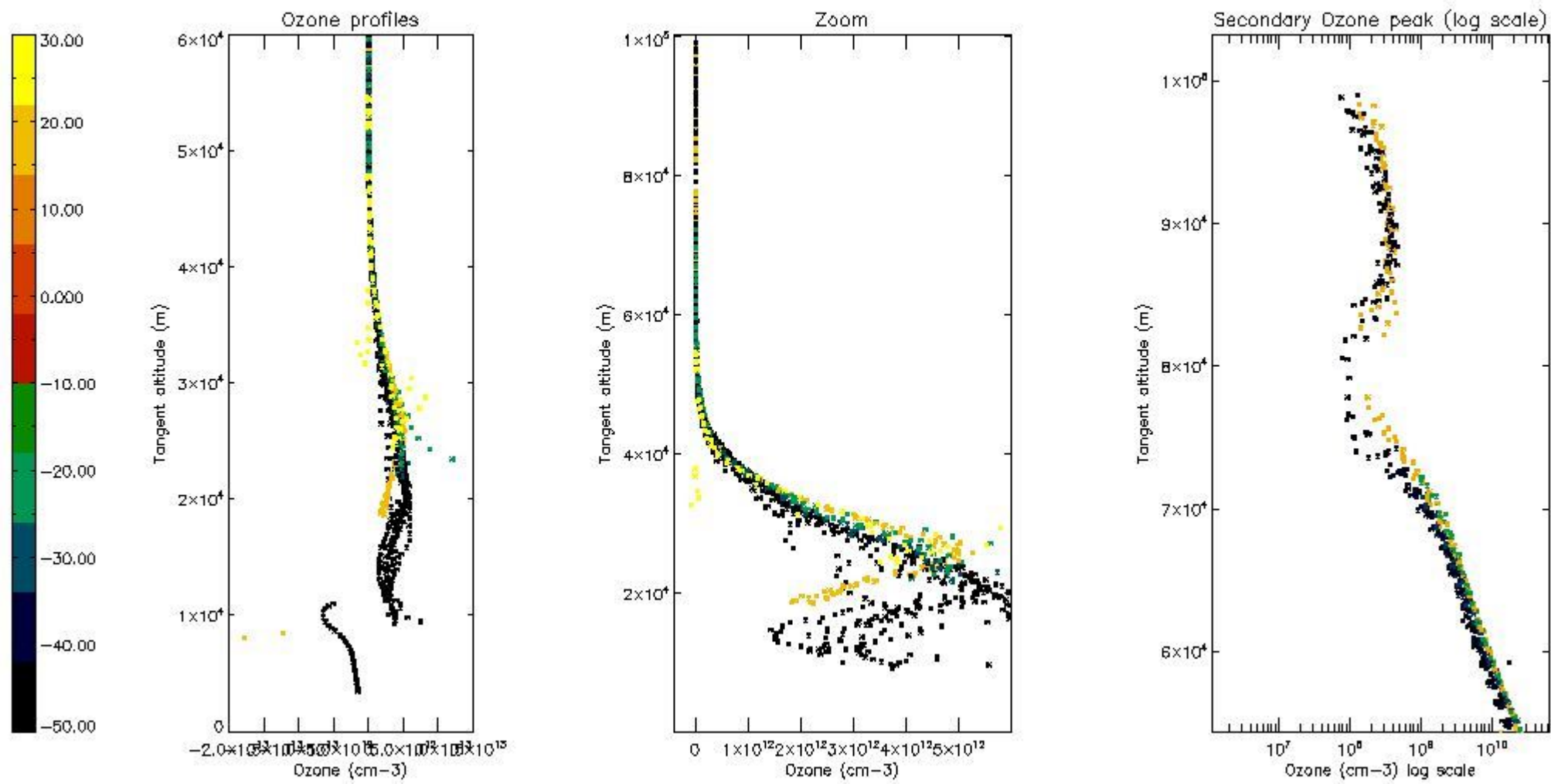
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



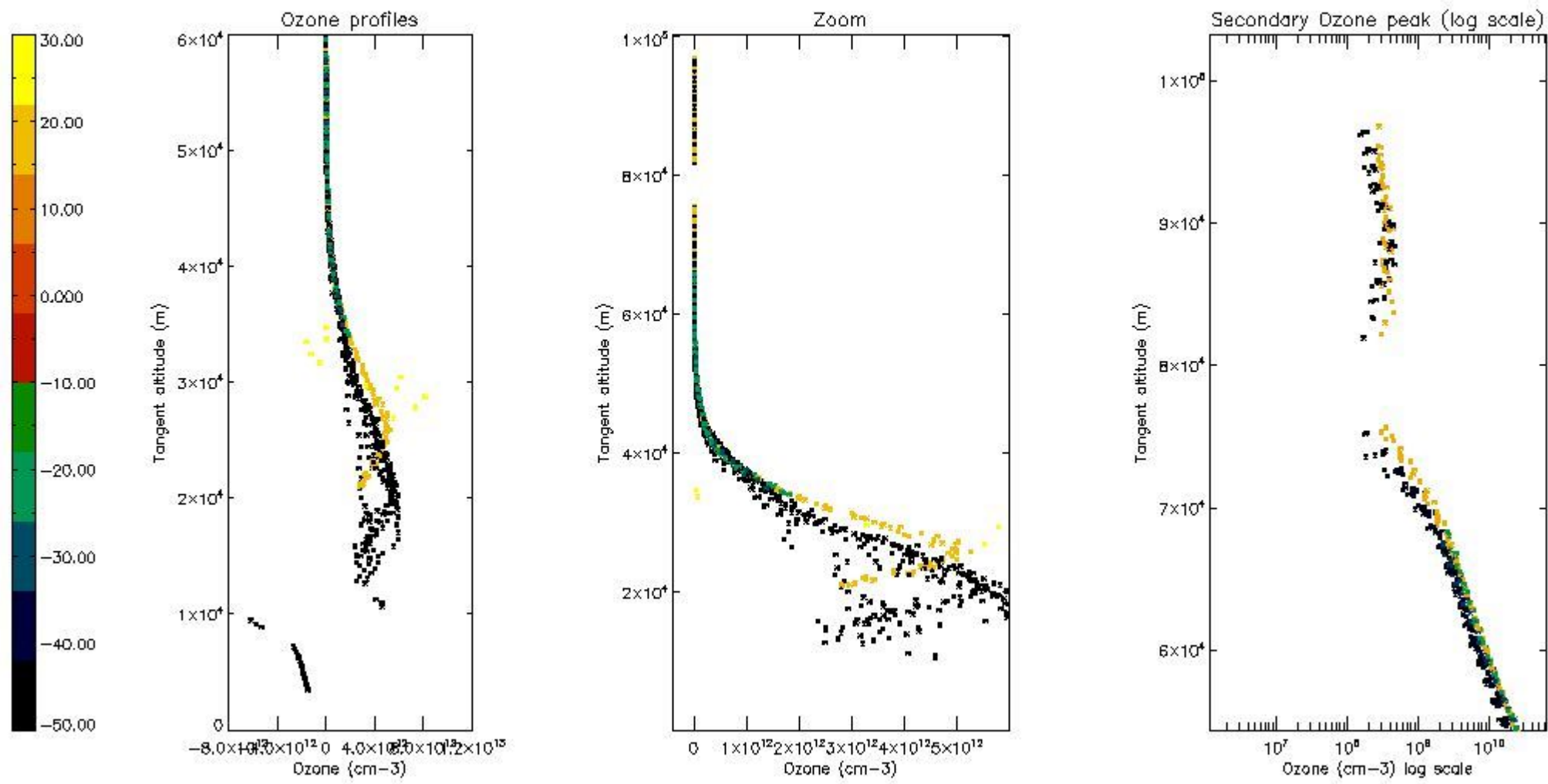
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



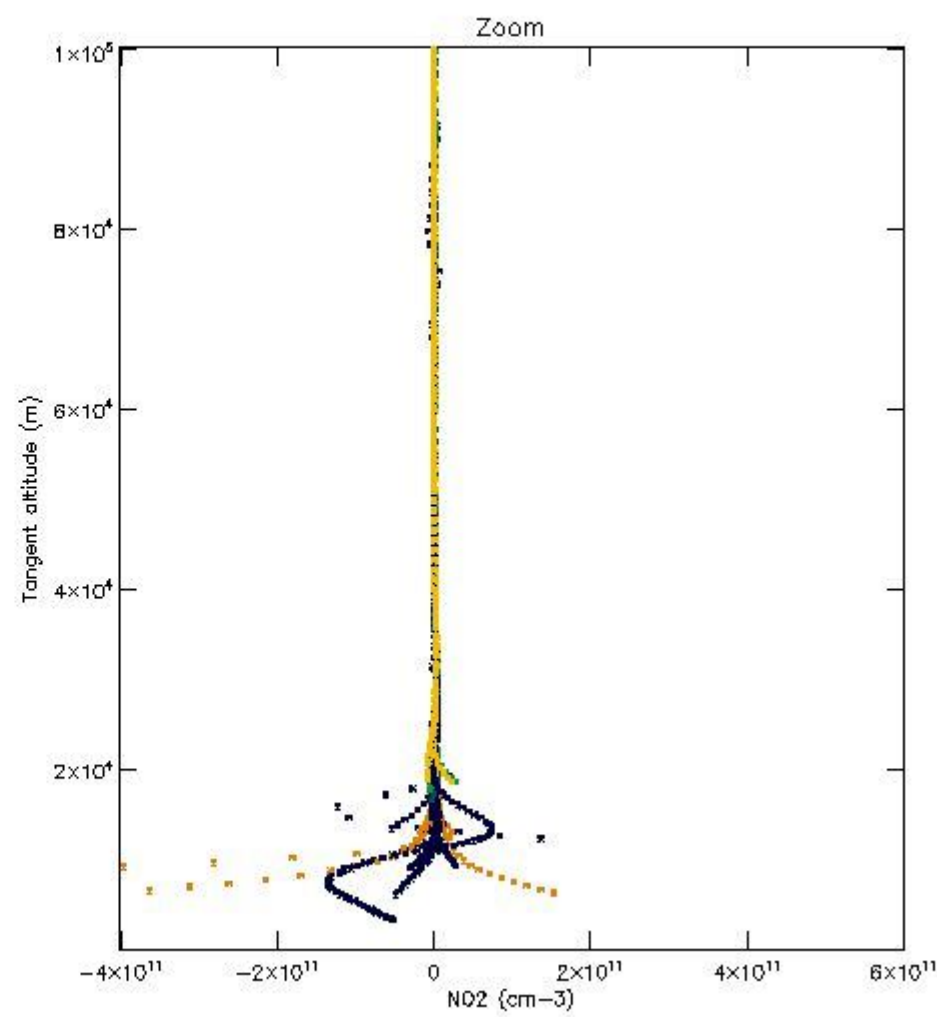
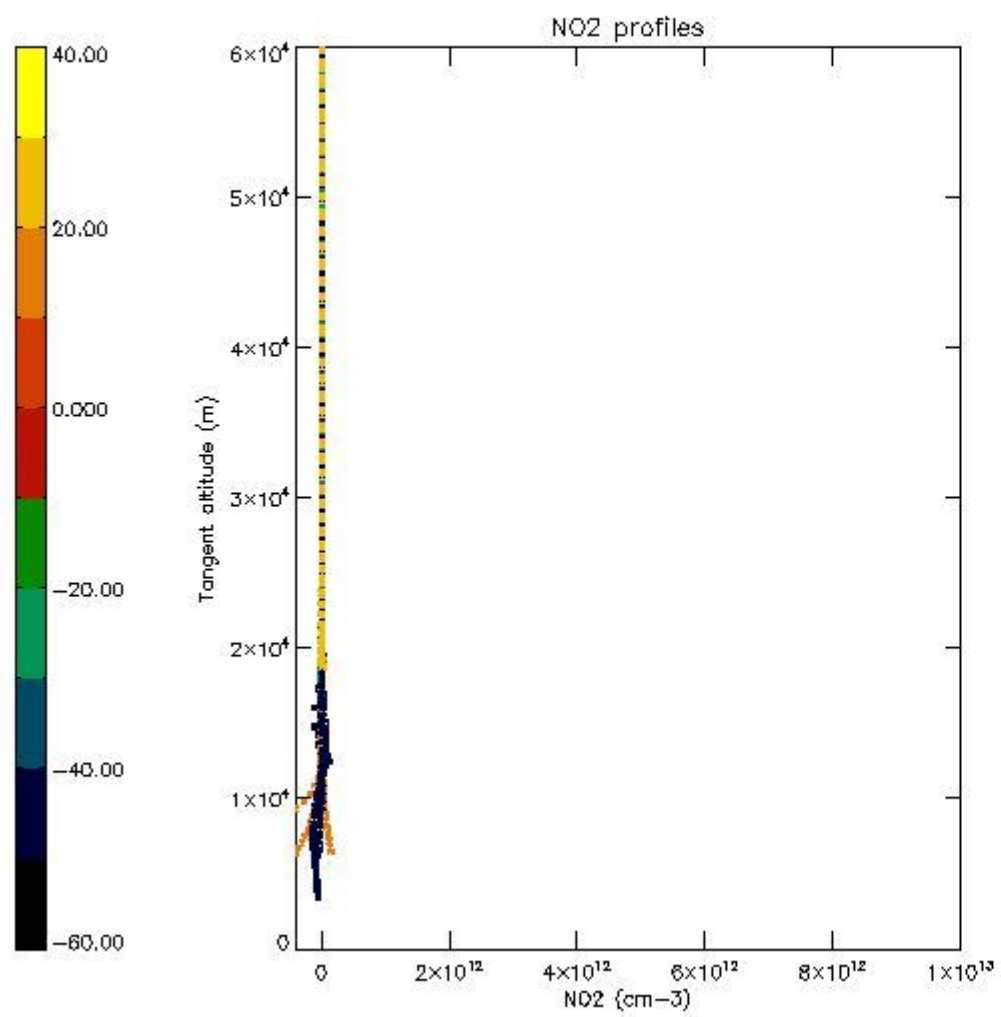
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



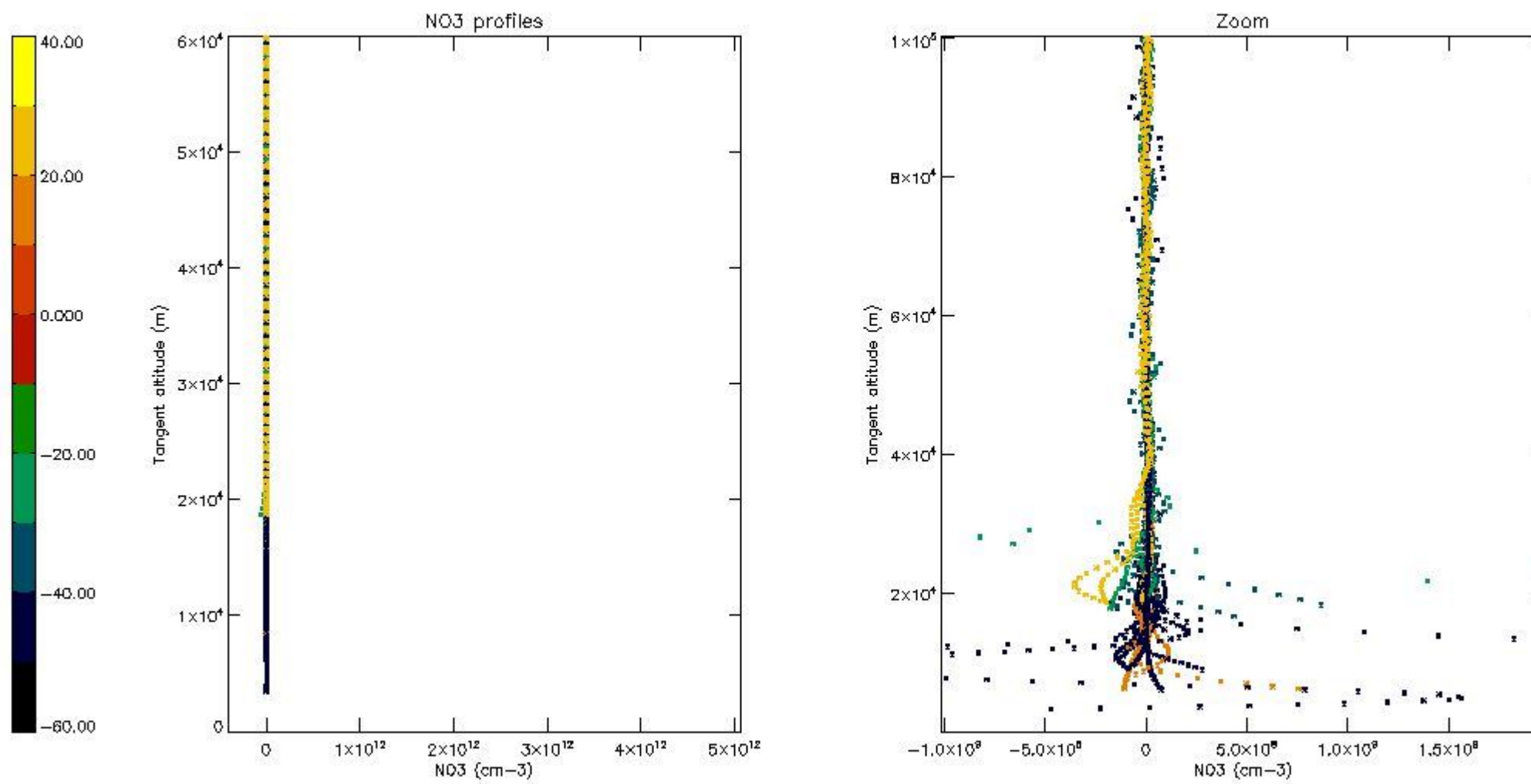
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



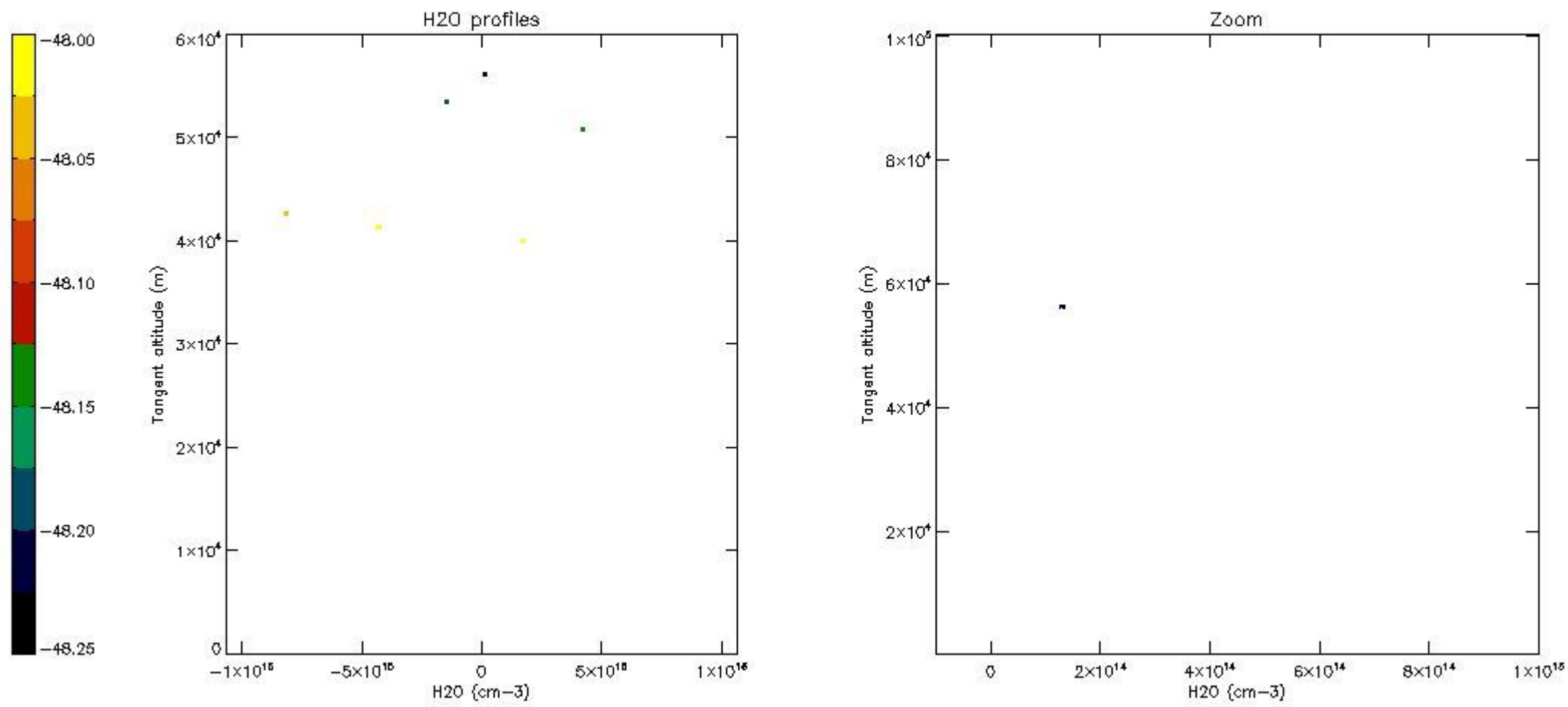
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-SEP-2010 00:06:41
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-SEP-2010 00:06:41
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-SEP-2010 00:06:41

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	29APR2013 15:08:28
Data source version	GOMOS/6.01
Start time of products	09-09-2010 (09SEP2010 00:00:00)
Stop time of products	10-09-2010 (10SEP2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	118
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__2PRFIN20100909_000641_000000522092_00431_44573_3428.N1	09-SEP-2010 00:06:41	Bright	51.500	42	34Bet Aur	1.9000	10200.	103	44573	No
2	GOM_NL__2PRFIN20100909_001118_000000412092_00431_44573_3429.N1	09-SEP-2010 00:11:18	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	44573	No
3	GOM_NL__2PRFIN20100909_001412_000000552092_00431_44573_3430.N1	09-SEP-2010 00:14:12	Twilight	55.000	170	27Eps Gem	3.0000	9700.0	110	44573	No
4	GOM_NL__2PRFIN20100909_001733_000000582092_00431_44573_3431.N1	09-SEP-2010 00:17:33	Twilight	58.000	44	24Gam Gem	1.9280	11000.	116	44573	No
5	GOM_NL__2PRFIN20100909_001925_000000502092_00431_44573_3432.N1	09-SEP-2010 00:19:25	Twilight	49.500	8	10Alp CMi	0.40000	6500.0	99	44573	No
6	GOM_NL__2PRFIN20100909_002744_000000562092_00431_44573_3433.N1	09-SEP-2010 00:27:44	Dark	55.500	1	9Alp CMa	-1.4400	11000.	111	44573	No
7	GOM_NL__2PRFIN20100909_003015_000000472092_00431_44573_3434.N1	09-SEP-2010 00:30:15	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	44573	No
8	GOM_NL__2PRFIN20100909_004836_000000512092_00432_44574_3435.N1	09-SEP-2010 00:48:36	Dark	51.000	9	Alp Eri	0.45300	24000.	102	44574	No
9	GOM_NL__2PRFIN20100909_005428_000000492092_00432_44574_3436.N1	09-SEP-2010 00:54:28	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	44574	No
10	GOM_NL__2PRFIN20100909_010004_000000482092_00432_44574_3437.N1	09-SEP-2010 01:00:04	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	44574	No
11	GOM_NL__2PRFIN20100909_011410_000000452092_00432_44574_3438.N1	09-SEP-2010 01:14:10	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	44574	No
12	GOM_NL__2PRFIN20100909_011824_000000422092_00432_44574_3439.N1	09-SEP-2010 01:18:24	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	44574	No
13	GOM_NL__2PRFIN20100909_012844_000000392092_00432_44574_3440.N1	09-SEP-2010 01:28:44	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	44574	No
14	GOM_NL__2PRFIN20100909_013043_000000452092_00432_44574_3441.N1	09-SEP-2010 01:30:43	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44574	No
15	GOM_NL__2PRFIN20100909_014717_000000502092_00432_44574_3442.N1	09-SEP-2010 01:47:17	Bright	49.500	42	34Bet Aur	1.9000	10200.	99	44574	No
16	GOM_NL__2PRFIN20100909_015154_000000412092_00432_44574_3443.N1	09-SEP-2010 01:51:54	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	44574	No
17	GOM_NL__2PRFIN20100909_015448_000000552092_00432_44574_3444.N1	09-SEP-2010 01:54:48	Twilight	54.500	170	27Eps Gem	3.0000	9700.0	109	44574	No
18	GOM_NL__2PRFIN20100909_015810_000000552092_00432_44574_3445.N1	09-SEP-2010 01:58:10	Twilight	55.000	44	24Gam Gem	1.9280	11000.	110	44574	No
19	GOM_NL__2PRFIN20100909_020001_000000492092_00432_44574_3446.N1	09-SEP-2010 02:00:01	Twilight	48.500	8	10Alp CMi	0.40000	6500.0	97	44574	No
20	GOM_NL__2PRFIN20100909_020820_000000572092_00432_44574_3447.N1	09-SEP-2010 02:08:20	Dark	57.000	1	9Alp CMa	-1.4400	11000.	114	44574	No
21	GOM_NL__2PRFIN20100909_021052_000000482092_00432_44574_3448.N1	09-SEP-2010 02:10:52	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	44574	No
22	GOM_NL__2PRFIN20100909_022912_000000532092_00433_44575_3445.N1	09-SEP-2010 02:29:12	Dark	53.000	9	Alp Eri	0.45300	24000.	106	44575	No
23	GOM_NL__2PRFIN20100909_023504_000000492092_00433_44575_3446.N1	09-SEP-2010 02:35:04	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	44575	No
24	GOM_NL__2PRFIN20100909_024040_000000462092_00433_44575_3447.N1	09-SEP-2010 02:40:40	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	44575	No
25	GOM_NL__2PRFIN20100909_025446_000000442092_00433_44575_3448.N1	09-SEP-2010 02:54:46	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	44575	No
26	GOM_NL__2PRFIN20100909_025900_000000432092_00433_44575_3449.N1	09-SEP-2010 02:59:00	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	44575	No
27	GOM_NL__2PRFIN20100909_030920_000000442092_00433_44575_3450.N1	09-SEP-2010 03:09:20	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	44575	No
28	GOM_NL__2PRFIN20100909_031118_000000402092_00433_44575_3451.N1	09-SEP-2010 03:11:18	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	44575	No
29	GOM_NL__2PRFIN20100909_032753_000000512092_00433_44575_3452.N1	09-SEP-2010 03:27:53	Bright	50.500	42	34Bet Aur	1.9000	10200.	101	44575	No
30	GOM_NL__2PRFIN20100909_033230_000000412092_00433_44575_3453.N1	09-SEP-2010 03:32:30	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	44575	No
31	GOM_NL__2PRFIN20100909_033524_000000572092_00433_44575_3454.N1	09-SEP-2010 03:35:24	Twilight	56.500	170	27Eps Gem	3.0000	9700.0	113	44575	No
32	GOM_NL__2PRFIN20100909_033846_000000552092_00433_44575_3455.N1	09-SEP-2010 03:38:46	Twilight	55.000	44	24Gam Gem	1.9280	11000.	110	44575	No
33	GOM_NL__2PRFIN20100909_034037_000000582092_00433_44575_3456.N1	09-SEP-2010 03:40:37	Twilight	58.000	8	10Alp CMi	0.40000	6500.0	116	44575	No
34	GOM_NL__2PRFIN20100909_034857_000000542092_00433_44575_3457.N1	09-SEP-2010 03:48:57	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	44575	No
35	GOM_NL__2PRFIN20100909_035128_000000462092_00433_44575_3458.N1	09-SEP-2010 03:51:28	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	44575	No
36	GOM_NL__2PRFIN20100909_035332_000000462092_00433_44575_3459.N1	09-SEP-2010 03:53:32	Dark	45.500	177	1Zet CMa	3.0220	26000.	91	44575	No
37	GOM_NL__2PRFIN20100909_035646_000000492092_00433_44575_3460.N1	09-SEP-2010 03:56:46	Dark	48.500	108	Alp Col	2.6520	15200.	97	44575	No
38	GOM_NL__2PRFIN20100909_040949_000000472092_00434_44576_3456.N1	09-SEP-2010 04:09:49	Dark	46.500	9	Alp Eri	0.45300	24000.	93	44576	No
39	GOM_NL__2PRFIN20100909_041541_000000462092_00434_44576_3457.N1	09-SEP-2010 04:15:41	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	44576	No
40	GOM_NL__2PRFIN20100909_042117_000000472092_00434_44576_3458.N1	09-SEP-2010 04:21:17	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	44576	No
41	GOM_NL__2PRFIN20100909_043522_000000432092_00434_44576_3459.N1	09-SEP-2010 04:35:22	Bright	42.500	90	54Alp Peg	2.4870	11000.	85	44576	No
42	GOM_NL__2PRFIN20100909_043935_000000402092_00434_44576_3460.N1	09-SEP-2010 04:39:35	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	44576	No

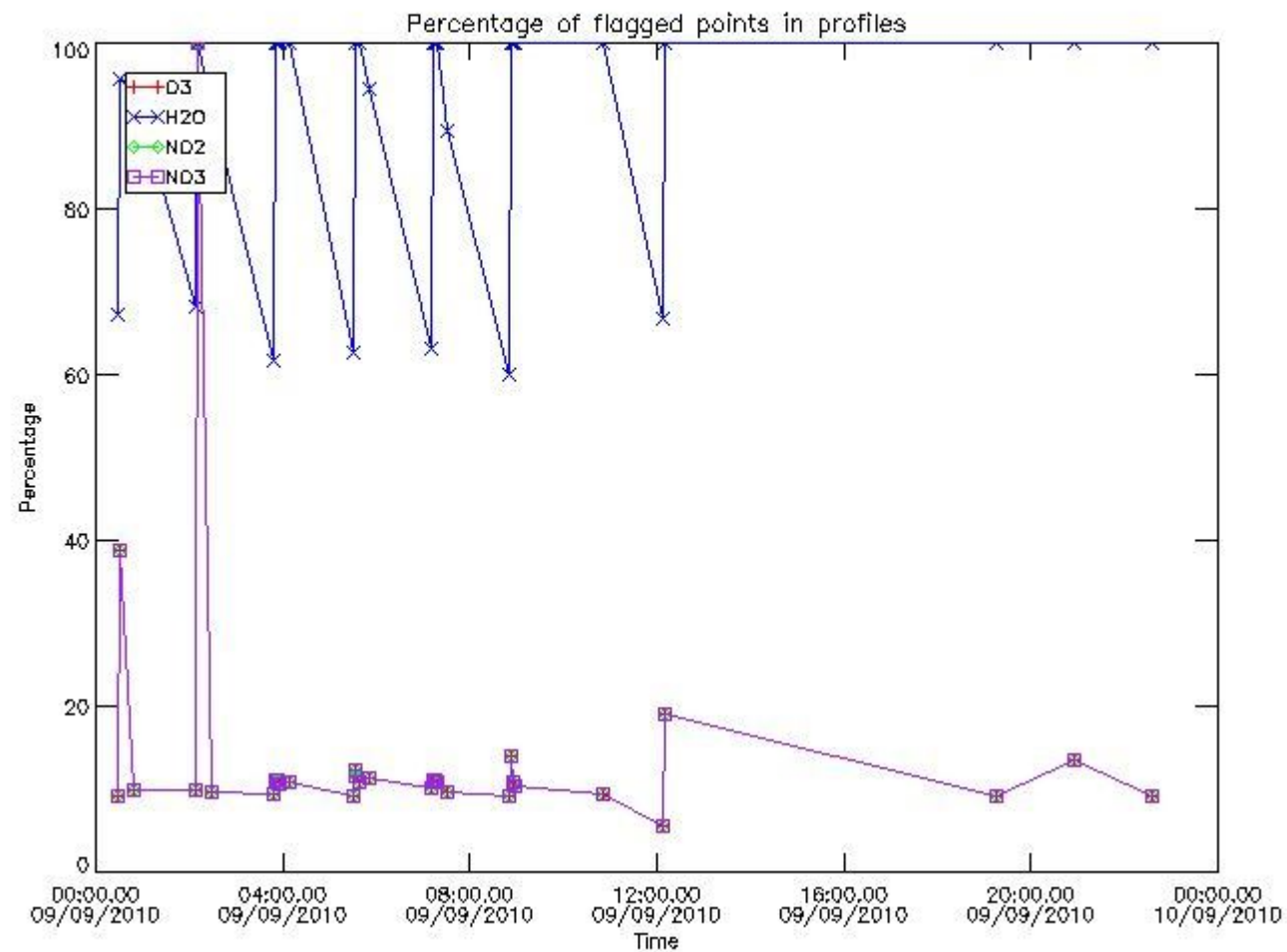
43	GOM_NL__2PRFIN20100909_044955_000000412092_00434_44576_3461.N1	09-SEP-2010 04:49:55	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	44576	No
44	GOM_NL__2PRFIN20100909_045154_000000452092_00434_44576_3462.N1	09-SEP-2010 04:51:54	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	44576	No
45	GOM_NL__2PRFIN20100909_050829_000000522092_00434_44576_3463.N1	09-SEP-2010 05:08:29	Bright	52.000	42	34Bet Aur	1.9000	10200.	104	44576	No
46	GOM_NL__2PRFIN20100909_051306_000000412092_00434_44576_3464.N1	09-SEP-2010 05:13:06	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	44576	No
47	GOM_NL__2PRFIN20100909_051600_000000522092_00434_44576_3465.N1	09-SEP-2010 05:16:00	Tw_i_and_stray	51.500	170	27Eps Gem	3.0000	9700.0	103	44576	No
48	GOM_NL__2PRFIN20100909_051922_000000572092_00434_44576_3466.N1	09-SEP-2010 05:19:22	Tw_i_and_stray	56.500	44	24Gam Gem	1.9280	11000.	113	44576	No
49	GOM_NL__2PRFIN20100909_052114_000000562092_00434_44576_3467.N1	09-SEP-2010 05:21:14	Twilight	55.500	8	10Alp CMi	0.40000	6500.0	111	44576	No
50	GOM_NL__2PRFIN20100909_052934_000000612092_00434_44576_3468.N1	09-SEP-2010 05:29:34	Dark	60.500	1	9Alp CMA	-1.4400	11000.	121	44576	No
51	GOM_NL__2PRFIN20100909_053205_000000462092_00434_44576_3469.N1	09-SEP-2010 05:32:05	Dark	46.000	23	21Eps CMA	1.5020	26000.	92	44576	No
52	GOM_NL__2PRFIN20100909_053409_000000442092_00434_44576_3470.N1	09-SEP-2010 05:34:09	Dark	44.000	177	1Zet CMA	3.0220	26000.	88	44576	No
53	GOM_NL__2PRFIN20100909_053723_000000482092_00434_44576_3471.N1	09-SEP-2010 05:37:23	Dark	47.500	108	Alp Col	2.6520	15200.	95	44576	No
54	GOM_NL__2PRFIN20100909_055026_000000452092_00435_44577_3468.N1	09-SEP-2010 05:50:26	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44577	No
55	GOM_NL__2PRFIN20100909_055617_000000442092_00435_44577_3469.N1	09-SEP-2010 05:56:17	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	44577	No
56	GOM_NL__2PRFIN20100909_060153_000000462092_00435_44577_3470.N1	09-SEP-2010 06:01:53	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	44577	No
57	GOM_NL__2PRFIN20100909_061557_000000432092_00435_44577_3471.N1	09-SEP-2010 06:15:57	Bright	43.000	90	54Alp Peg	2.4870	11000.	86	44577	No
58	GOM_NL__2PRFIN20100909_062011_000000422092_00435_44577_3472.N1	09-SEP-2010 06:20:11	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	44577	No
59	GOM_NL__2PRFIN20100909_063031_000000442092_00435_44577_3473.N1	09-SEP-2010 06:30:31	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	44577	No
60	GOM_NL__2PRFIN20100909_063229_000000442092_00435_44577_3474.N1	09-SEP-2010 06:32:29	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	44577	No
61	GOM_NL__2PRFIN20100909_064904_000000492092_00435_44577_3475.N1	09-SEP-2010 06:49:04	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	44577	No
62	GOM_NL__2PRFIN20100909_065343_000000412092_00435_44577_3476.N1	09-SEP-2010 06:53:43	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	44577	No
63	GOM_NL__2PRFIN20100909_065636_000000552092_00435_44577_3477.N1	09-SEP-2010 06:56:36	Tw_i_and_stray	55.000	170	27Eps Gem	3.0000	9700.0	110	44577	No
64	GOM_NL__2PRFIN20100909_065959_000000542092_00435_44577_3478.N1	09-SEP-2010 06:59:59	Tw_i_and_stray	54.000	44	24Gam Gem	1.9280	11000.	108	44577	No
65	GOM_NL__2PRFIN20100909_070150_000000472092_00435_44577_3479.N1	09-SEP-2010 07:01:50	Twilight	47.000	8	10Alp CMi	0.40000	6500.0	94	44577	No
66	GOM_NL__2PRFIN20100909_071011_000000512092_00435_44577_3480.N1	09-SEP-2010 07:10:11	Dark	50.500	1	9Alp CMA	-1.4400	11000.	101	44577	No
67	GOM_NL__2PRFIN20100909_071242_000000462092_00435_44577_3481.N1	09-SEP-2010 07:12:42	Dark	45.500	23	21Eps CMA	1.5020	26000.	91	44577	No
68	GOM_NL__2PRFIN20100909_071446_000000462092_00435_44577_3482.N1	09-SEP-2010 07:14:46	Dark	45.500	177	1Zet CMA	3.0220	26000.	91	44577	No
69	GOM_NL__2PRFIN20100909_071800_000000482092_00435_44577_3483.N1	09-SEP-2010 07:18:00	Dark	47.500	108	Alp Col	2.6520	15200.	95	44577	No
70	GOM_NL__2PRFIN20100909_073102_000000532092_00436_44578_3483.N1	09-SEP-2010 07:31:02	Dark	52.500	9	Alp Eri	0.45300	24000.	105	44578	No
71	GOM_NL__2PRFIN20100909_073654_000000462092_00436_44578_3484.N1	09-SEP-2010 07:36:54	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	44578	No
72	GOM_NL__2PRFIN20100909_074229_000000462092_00436_44578_3485.N1	09-SEP-2010 07:42:29	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	44578	No
73	GOM_NL__2PRFIN20100909_075633_000000452092_00436_44578_3486.N1	09-SEP-2010 07:56:33	Bright	44.500	90	54Alp Peg	2.4870	11000.	89	44578	No
74	GOM_NL__2PRFIN20100909_080047_000000422092_00436_44578_3487.N1	09-SEP-2010 08:00:47	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	44578	No
75	GOM_NL__2PRFIN20100909_081106_000000432092_00436_44578_3488.N1	09-SEP-2010 08:11:06	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	44578	No
76	GOM_NL__2PRFIN20100909_081305_000000442092_00436_44578_3489.N1	09-SEP-2010 08:13:05	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	44578	No
77	GOM_NL__2PRFIN20100909_082940_000000512092_00436_44578_3490.N1	09-SEP-2010 08:29:40	Bright	51.000	42	34Bet Aur	1.9000	10200.	102	44578	No
78	GOM_NL__2PRFIN20100909_083419_000000432092_00436_44578_3491.N1	09-SEP-2010 08:34:19	Bright	42.500	24	66Alp Gem	1.5800	10200.	85	44578	No
79	GOM_NL__2PRFIN20100909_083713_000000532092_00436_44578_3492.N1	09-SEP-2010 08:37:13	Tw_i_and_stray	52.500	170	27Eps Gem	3.0000	9700.0	105	44578	No
80	GOM_NL__2PRFIN20100909_084036_000000572092_00436_44578_3493.N1	09-SEP-2010 08:40:36	Tw_i_and_stray	57.000	44	24Gam Gem	1.9280	11000.	114	44578	No
81	GOM_NL__2PRFIN20100909_084227_000000502092_00436_44578_3494.N1	09-SEP-2010 08:42:27	Twilight	49.500	8	10Alp CMi	0.40000	6500.0	99	44578	No
82	GOM_NL__2PRFIN20100909_085048_000000562092_00436_44578_3495.N1	09-SEP-2010 08:50:48	Dark	55.500	1	9Alp CMA	-1.4400	11000.	111	44578	No
83	GOM_NL__2PRFIN20100909_085319_000000442092_00436_44578_3496.N1	09-SEP-2010 08:53:19	Dark	44.000	23	21Eps CMA	1.5020	26000.	88	44578	No
84	GOM_NL__2PRFIN20100909_085523_000000472092_00436_44578_3497.N1	09-SEP-2010 08:55:23	Dark	46.500	177	1Zet CMA	3.0220	26000.	93	44578	No
85	GOM_NL__2PRFIN20100909_085837_000000492092_00436_44578_3498.N1	09-SEP-2010 08:58:37	Dark	49.000	108	Alp Col	2.6520	15200.	98	44578	No
86	GOM_NL__2PRFIN20100909_105126_000000552092_00438_44580_3567.N1	09-SEP-2010 10:51:26	Dark	54.500	157	The1Eri	2.9060	9300.0	109	44580	No
87	GOM_NL__2PRFIN20100909_110615_000000672092_00438_44580_3568.N1	09-SEP-2010 11:06:15	Tw_i_and_stray	66.500	52	16Bet Cet	2.0370	4500.0	133	44580	No
88	GOM_NL__2PRFIN20100909_112005_000000572092_00438_44580_3569.N1	09-SEP-2010 11:20:05	Bright	56.500	140	88Gam Peg	2.8340	26000.	113	44580	No
89	GOM_NL__2PRFIN20100909_112438_000000522092_00438_44580_3570.N1	09-SEP-2010 11:24:38	Bright	51.500	58	21Alp And	2.0730	11000.	103	44580	No
90	GOM_NL__2PRFIN20100909_113118_000000732092_00438_44580_3571.N1	09-SEP-2010 11:31:18	Bright	72.500	53	43Bet And	2.0480	3300.0	145	44580	No
91	GOM_NL__2PRFIN20100909_113523_000000462092_00438_44580_3572.N1	09-SEP-2010 11:35:23	Bright	45.500	110	37Del Cas	2.6780	8900.0	91	44580	No
92	GOM_NL__2PRFIN20100909_113733_000000782092_00438_44580_3573.N1	09-SEP-2010 11:37:33	Bright	77.500	73	57Gam1And	2.2600	13100.	155	44580	No
93	GOM_NL__2PRFIN20100909_114055_000000582092_00438_44580_3574.N1	09-SEP-2010 11:40:55	Bright	58.000	160	23Gam Per	2.9300	4700.0	116	44580	No
94	GOM_NL__2PRFIN20100909_114302_000000692092_00438_44580_3575.N1	09-SEP-2010 11:43:02	Bright	68.500	35	33Alp Per	1.7950	6250.0	137	44580	No
95	GOM_NL__2PRFIN20100909_114456_000000682092_00438_44580_3576.N1	09-SEP-2010 11:44:56	Bright	68.000	175	39Del Per	3.0100	19400.	136	44580	No
96	GOM_NL__2PRFIN20100909_114940_000000652092_00438_44580_3577.N1	09-SEP-2010 11:49:40	Bright	65.000	6	13Alp Aur	0.080000	3400.0	130	44580	No
97	GOM_NL__2PRFIN20100909_115400_000000782092_00438_44580_3578.N1	09-SEP-2010 11:54:00	Bright	78.000	107	37The Aur	2.6490	11000.	156	44580	No
98	GOM_NL__2PRFIN20100909_115832_000000822092_00438_44580_3579.N1	09-SEP-2010 11:58:32	Tw_i_and_stray	81.500	28	12Bet Tau	1.6500	15200.	163	44580	No
99	GOM_NL__2PRFIN20100909_120148_000000572092_00438_44580_3580.N1	09-SEP-2010 12:01:48	Tw_i_and_stray	56.500	44	24Gam Gem	1.9280	11000.	113	44580	No
100	GOM_NL__2PRFIN20100909_120732_000001002092_00438_44580_3581.N1	09-SEP-2010 12:07:32	Dark	100.00	14	58Alp Ori	0.87000	3000.0	200	44580	No
101	GOM_NL__2PRFIN20100909_121109_000000272092_00438_44580_3582.N1	09-SEP-2010 12:11:09	Dark	26.500	27	24Gam Ori	1.6360	26000.	53	44580	No

102	GOM_NL__2PRFIN20100909_180225_000000562092_00442_44584_3726.N1	09-SEP-2010 18:02:25	Bright	56.000	140	88Gam Peg	2.8340	26000.	112	44584	No
103	GOM_NL__2PRFIN20100909_180657_000000552092_00442_44584_3727.N1	09-SEP-2010 18:06:57	Bright	54.500	58	21Alp And	2.0730	11000.	109	44584	No
104	GOM_NL__2PRFIN20100909_182315_000000602092_00442_44584_3728.N1	09-SEP-2010 18:23:15	Bright	59.500	160	23Gam Per	2.9300	4700.0	119	44584	No
105	GOM_NL__2PRFIN20100909_183203_000000612092_00442_44584_3729.N1	09-SEP-2010 18:32:03	Bright	61.000	6	13Alp Aur	0.080000	3400.0	122	44584	No
106	GOM_NL__2PRFIN20100909_183624_000000492092_00442_44584_3730.N1	09-SEP-2010 18:36:24	Bright	49.000	107	37The Aur	2.6490	11000.	98	44584	No
107	GOM_NL__2PRFIN20100909_191432_000000552092_00443_44585_3778.N1	09-SEP-2010 19:14:32	Dark	54.500	157	The1Eri	2.9060	9300.0	109	44585	No
108	GOM_NL__2PRFIN20100909_192915_000000692092_00443_44585_3779.N1	09-SEP-2010 19:29:15	Twilight	69.000	52	16Bet Cet	2.0370	4500.0	138	44585	No
109	GOM_NL__2PRFIN20100909_194732_000000562092_00443_44585_3780.N1	09-SEP-2010 19:47:32	Bright	55.500	58	21Alp And	2.0730	11000.	111	44585	No
110	GOM_NL__2PRFIN20100909_201238_000000682092_00443_44585_3781.N1	09-SEP-2010 20:12:38	Bright	68.000	6	13Alp Aur	0.080000	3400.0	136	44585	No
111	GOM_NL__2PRFIN20100909_201700_000000542092_00443_44585_3782.N1	09-SEP-2010 20:17:00	Bright	54.000	107	37The Aur	2.6490	11000.	108	44585	No
112	GOM_NL__2PRFIN20100909_205508_000000372092_00444_44586_3807.N1	09-SEP-2010 20:55:08	Dark	37.000	157	The1Eri	2.9060	9300.0	74	44586	No
113	GOM_NL__2PRFIN20100909_210951_000000692092_00444_44586_3808.N1	09-SEP-2010 21:09:51	Twilight	68.500	52	16Bet Cet	2.0370	4500.0	137	44586	No
114	GOM_NL__2PRFIN20100909_215736_000000572092_00444_44586_3809.N1	09-SEP-2010 21:57:36	Bright	57.000	107	37The Aur	2.6490	11000.	114	44586	No
115	GOM_NL__2PRFIN20100909_220527_000000582092_00444_44586_3810.N1	09-SEP-2010 22:05:27	Twilight	57.500	44	24Gam Gem	1.9280	11000.	115	44586	No
116	GOM_NL__2PRFIN20100909_223545_000000562092_00445_44587_3819.N1	09-SEP-2010 22:35:45	Dark	55.500	157	The1Eri	2.9060	9300.0	111	44587	No
117	GOM_NL__2PRFIN20100909_225027_000000692092_00445_44587_3820.N1	09-SEP-2010 22:50:27	Twilight	69.000	52	16Bet Cet	2.0370	4500.0	138	44587	No
118	GOM_NL__2PRFIN20100909_233811_000000552092_00445_44587_3821.N1	09-SEP-2010 23:38:11	Bright	55.000	107	37The Aur	2.6490	11000.	110	44587	No

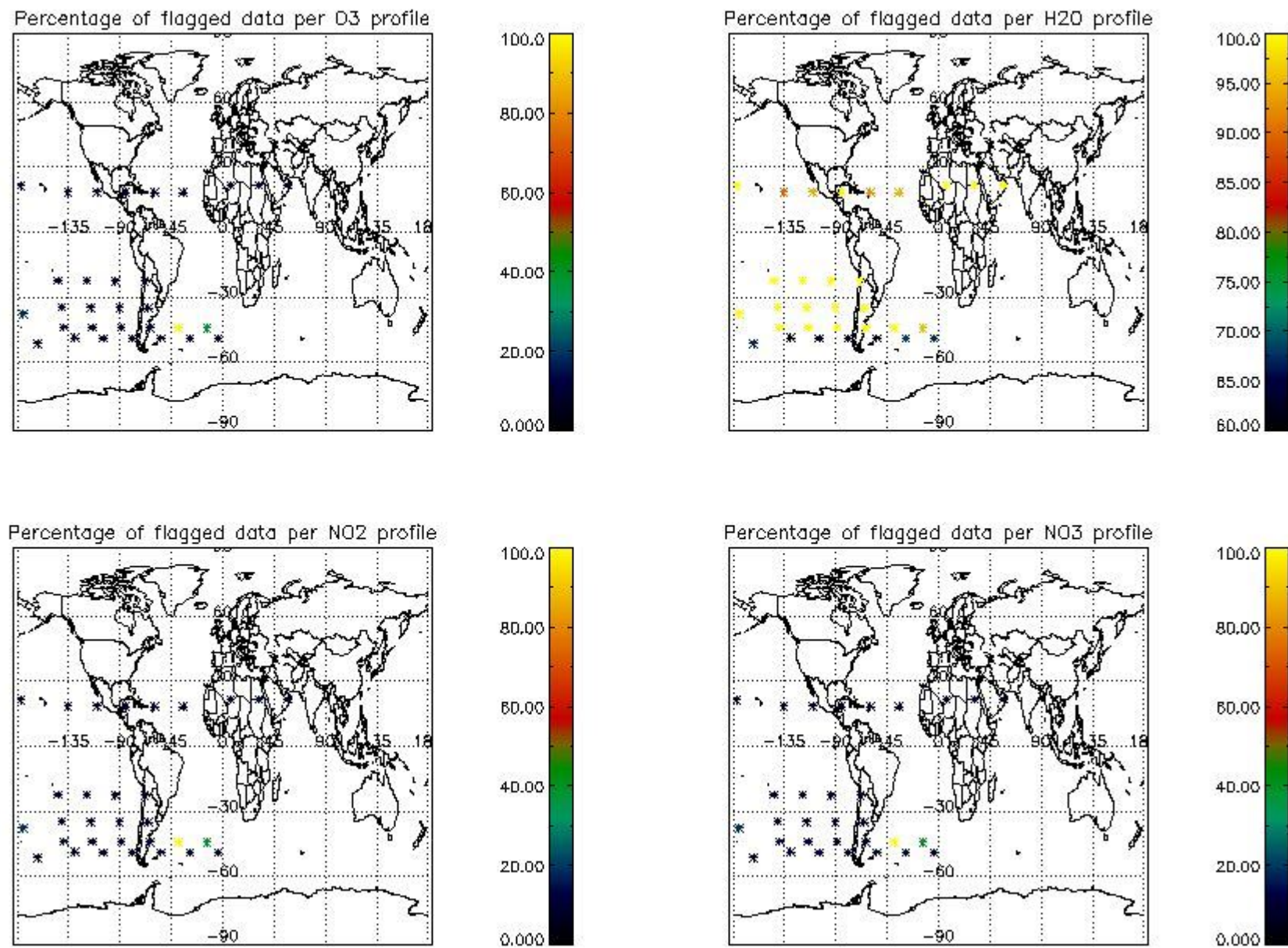
3. Quality information per product

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)

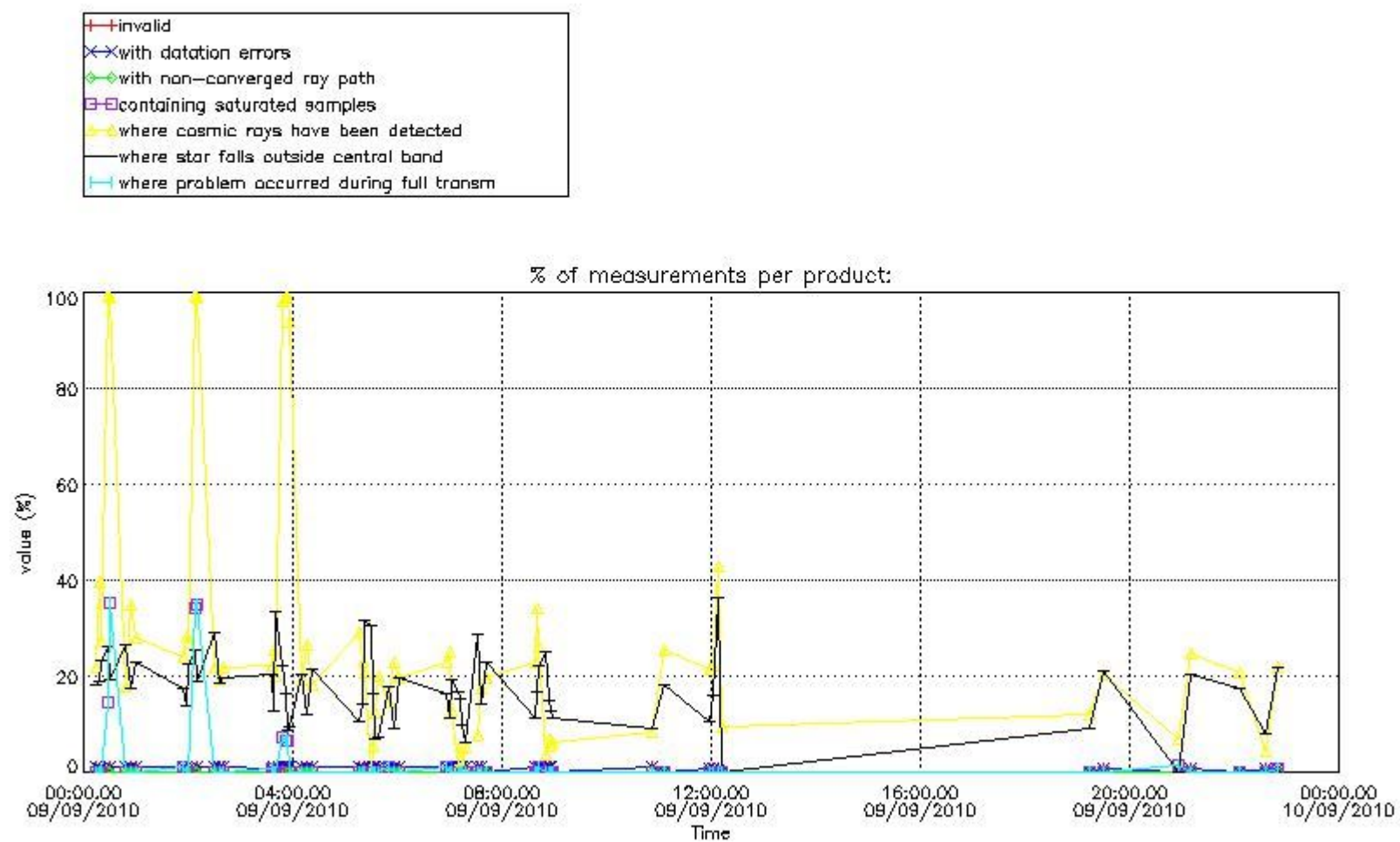


4. Level 1 quality information per product

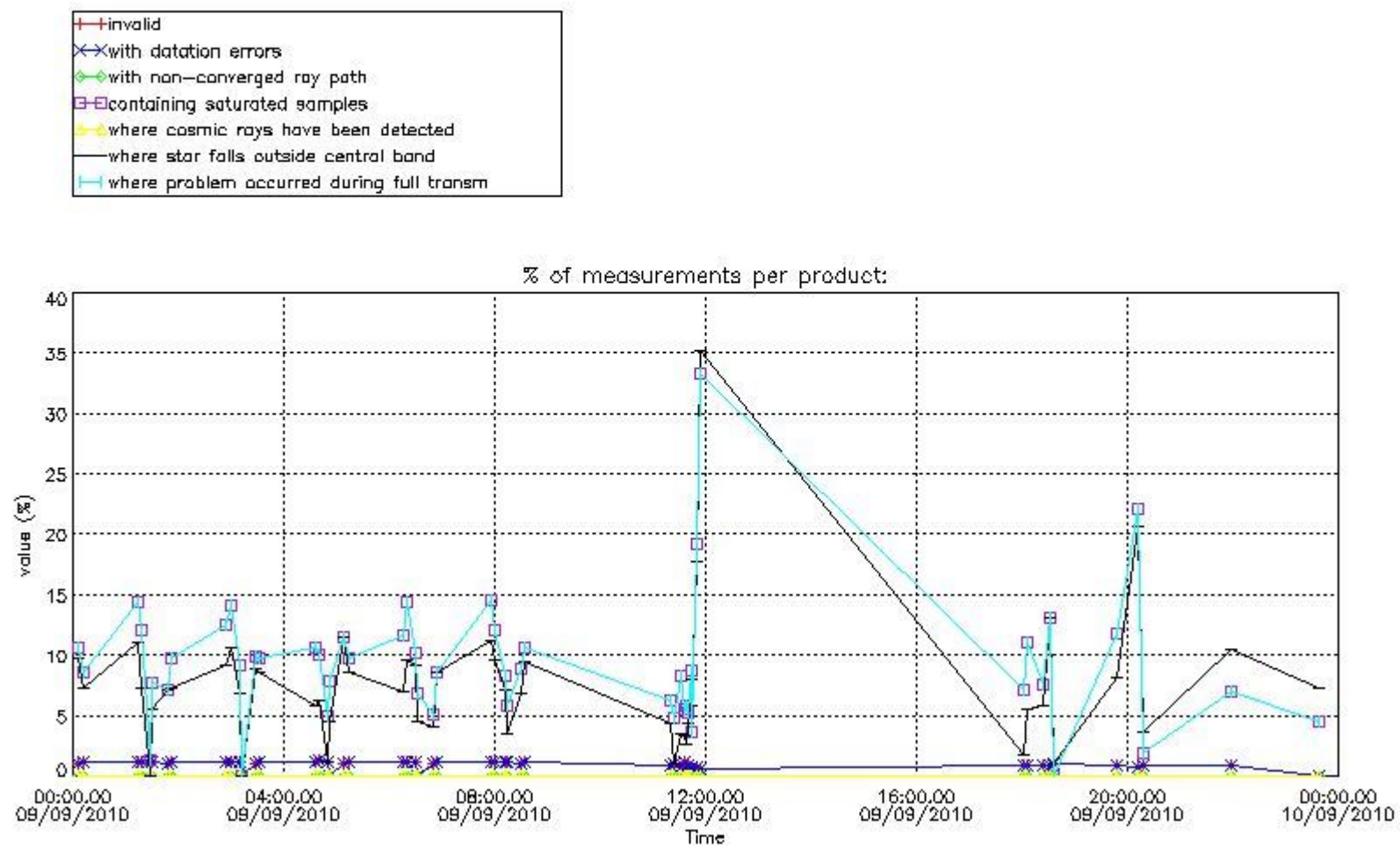
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



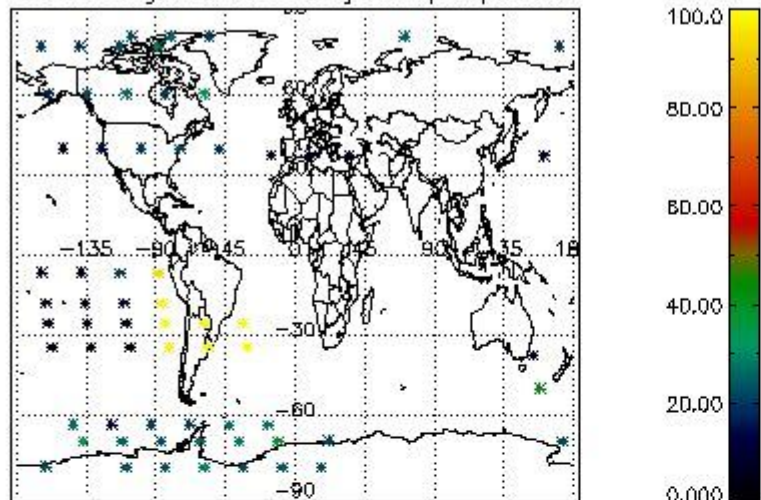
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



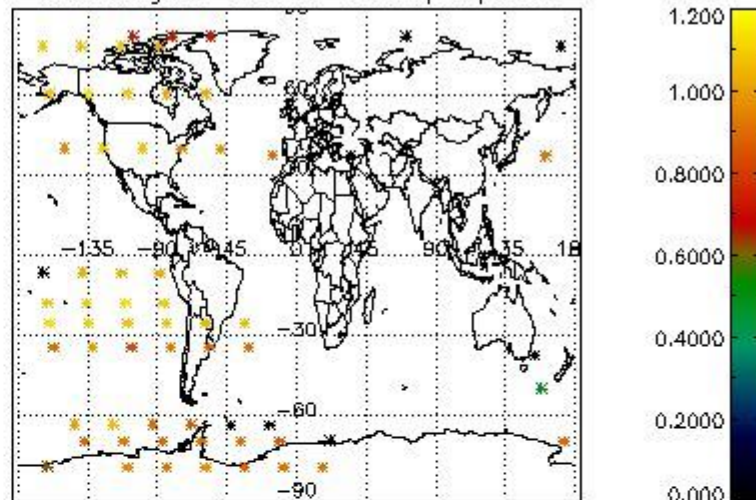
4.2 Plot quality information per product coming from level 1b processing (world map)

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

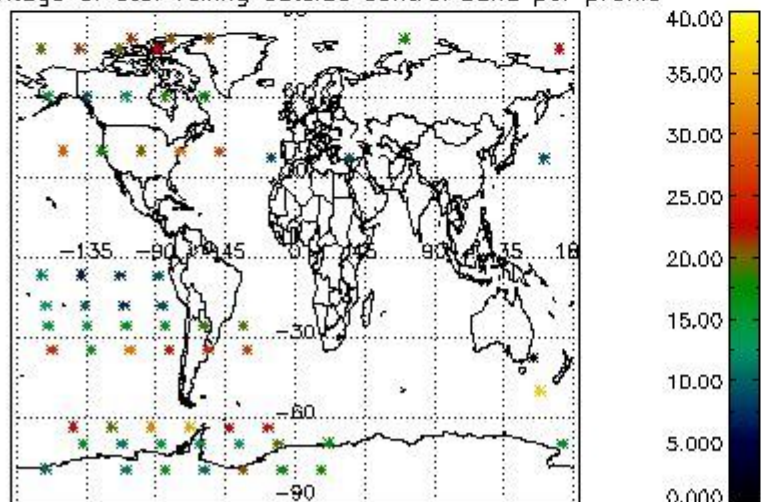
Percentage of cosmic ray hits per profile



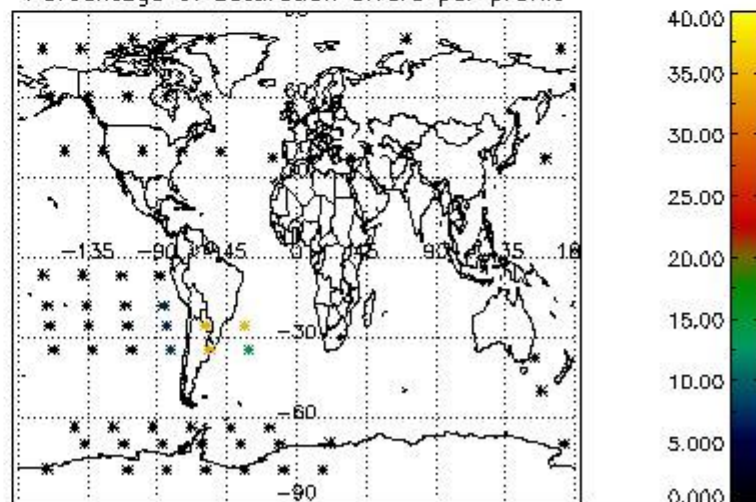
Percentage of datation errors per profile



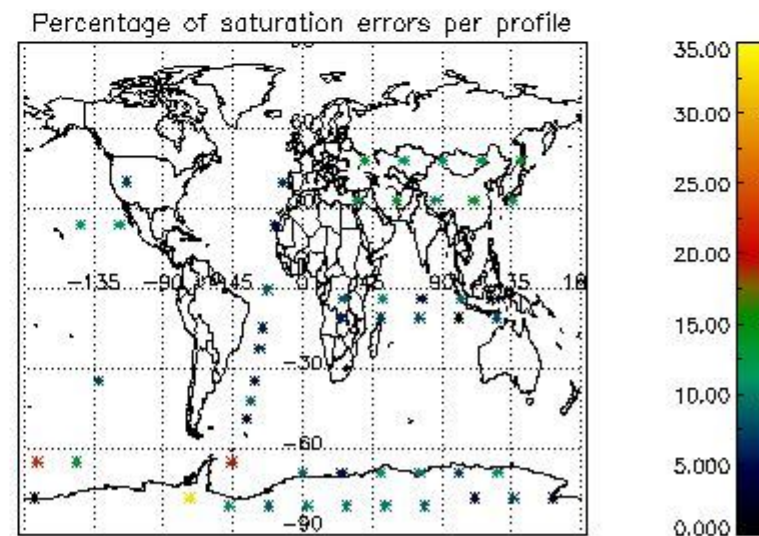
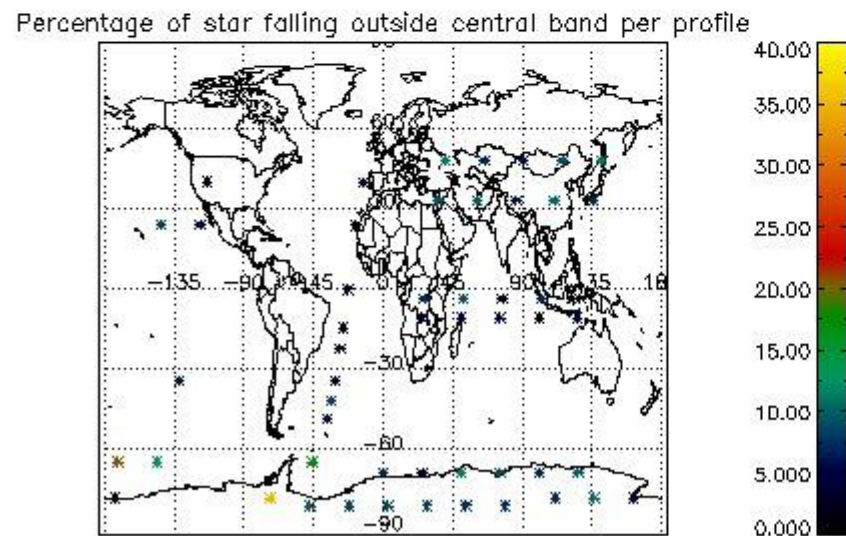
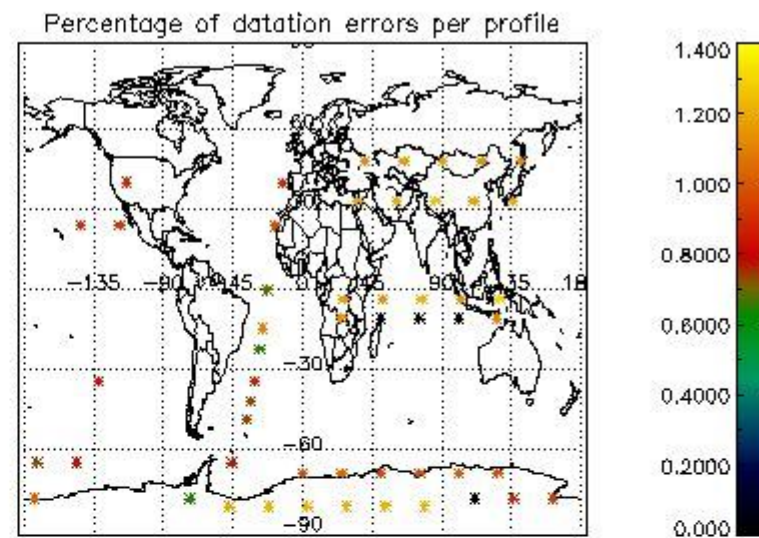
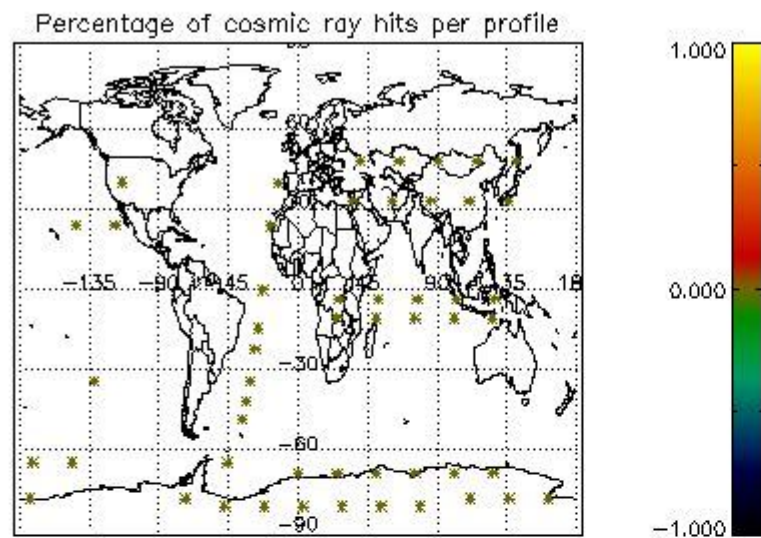
Percentage of star falling outside central band per profile



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

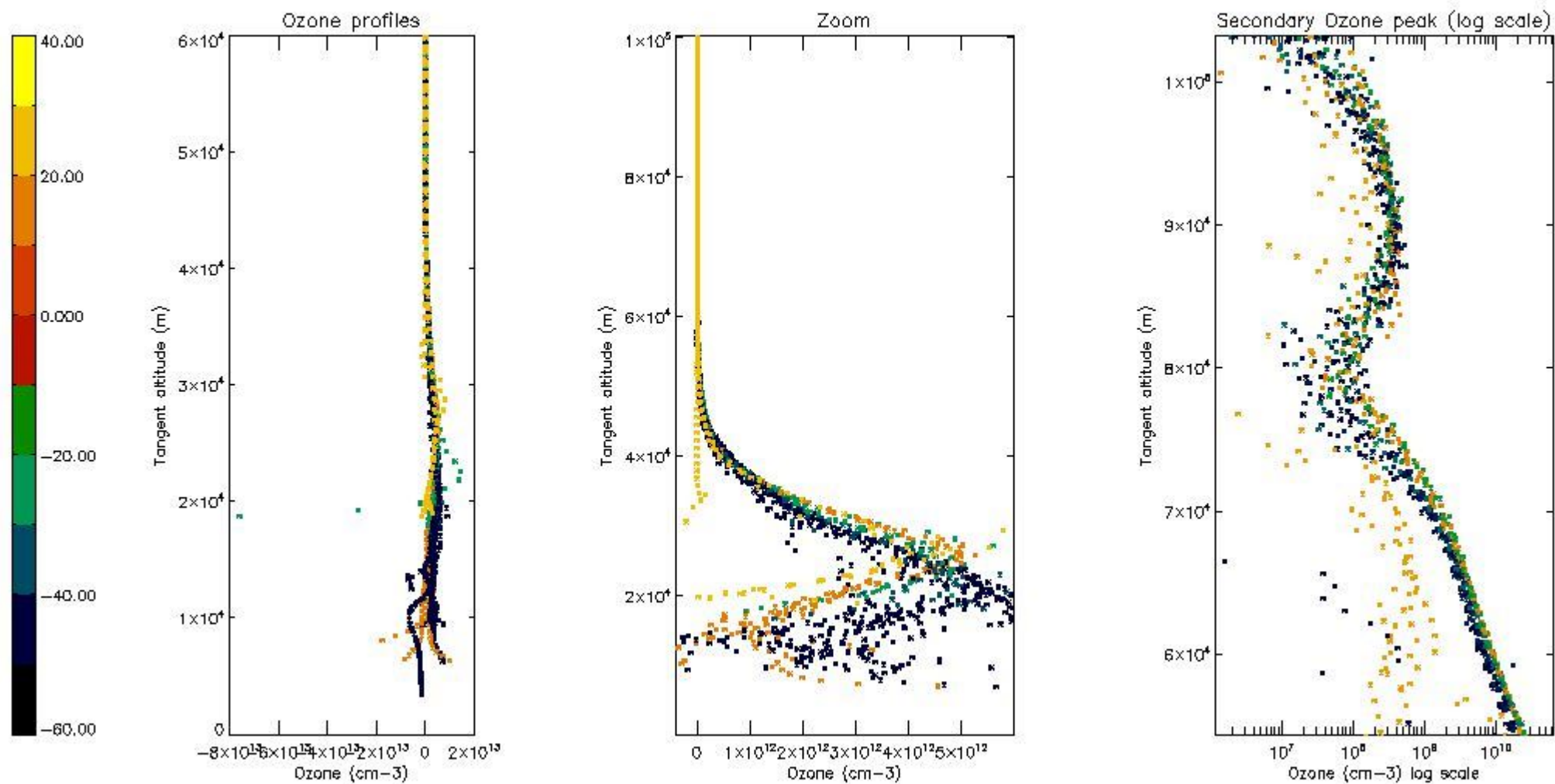
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	15

STD < 10	13
STD < 5	10

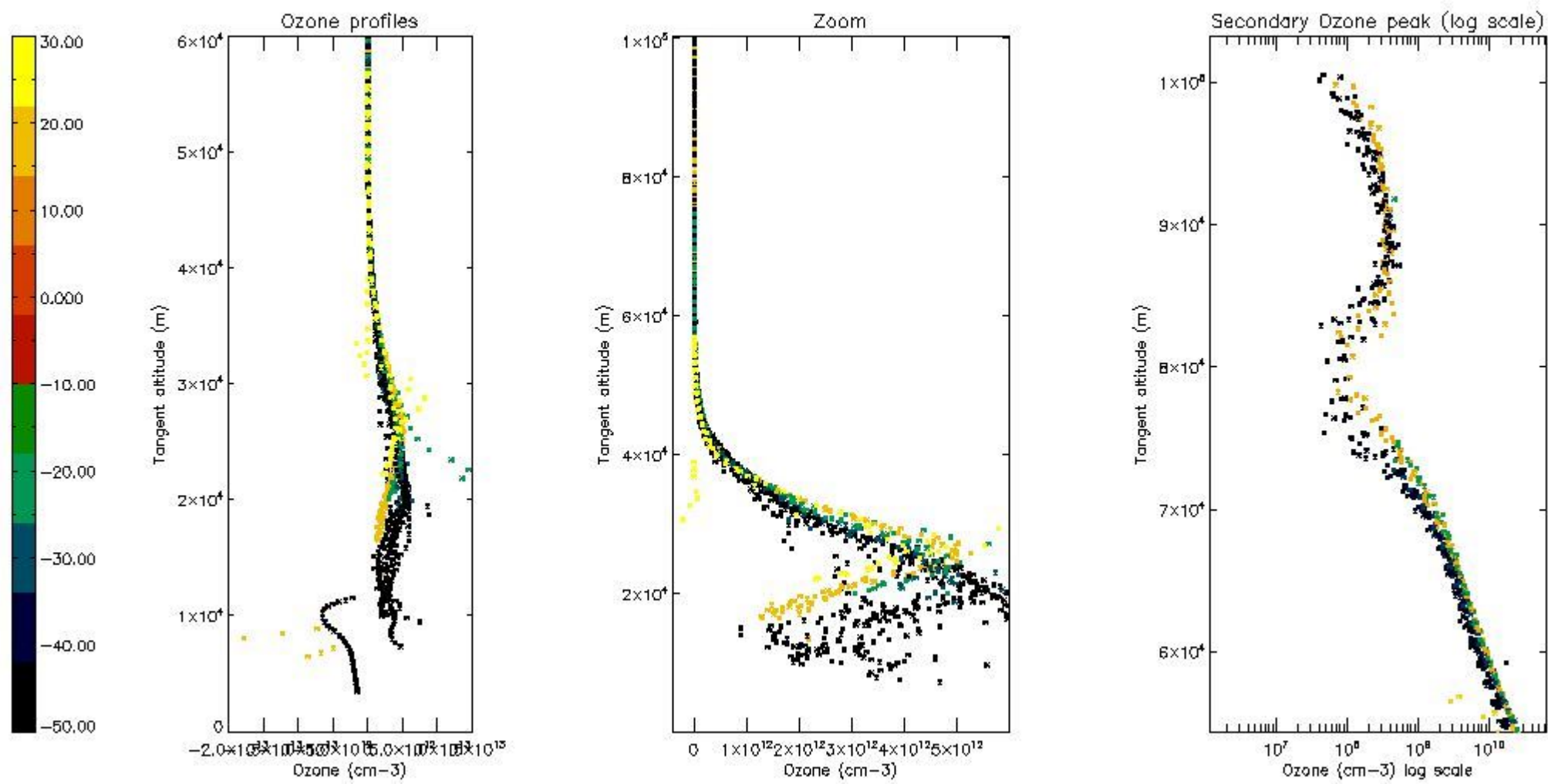
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



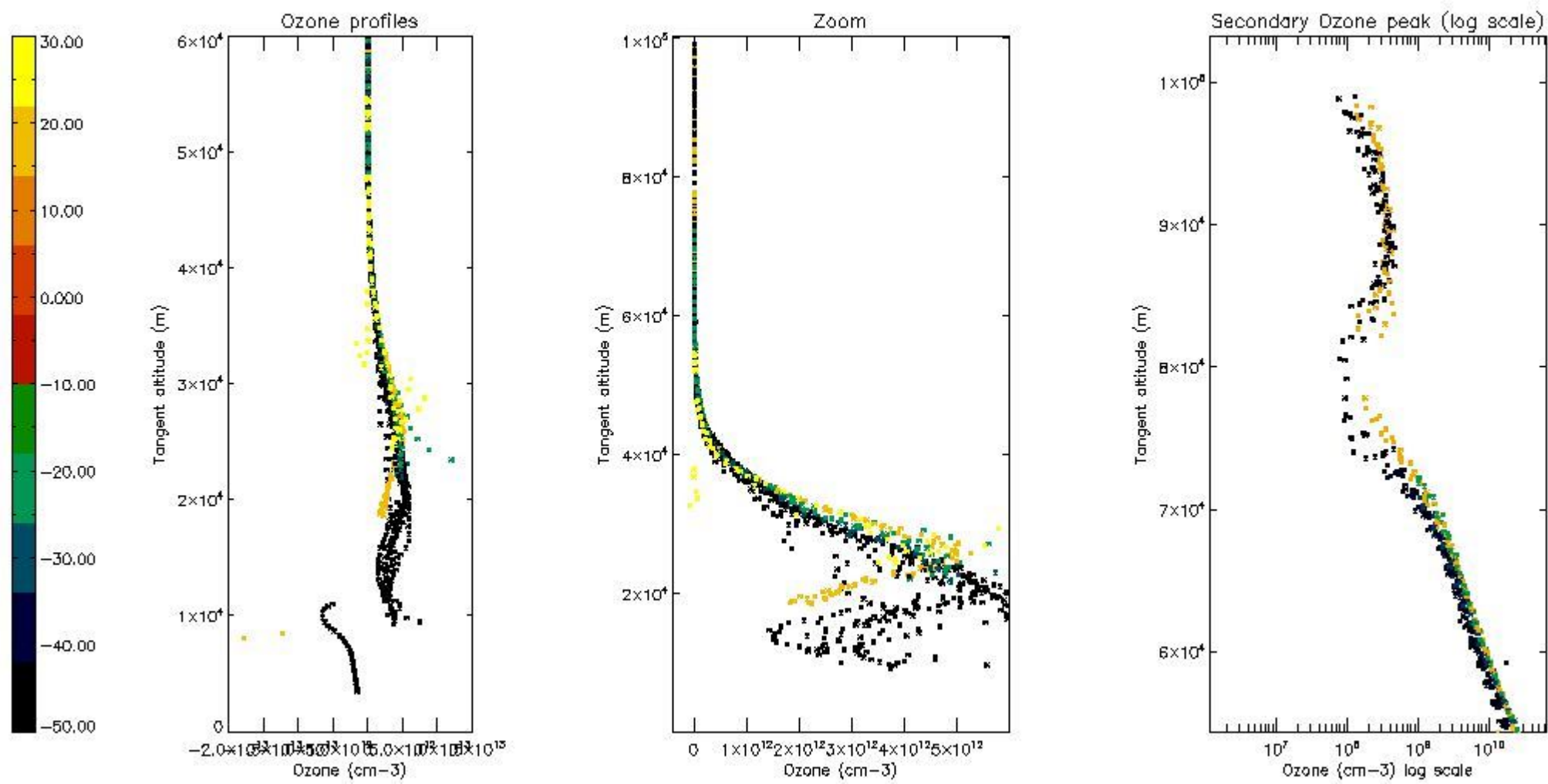
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



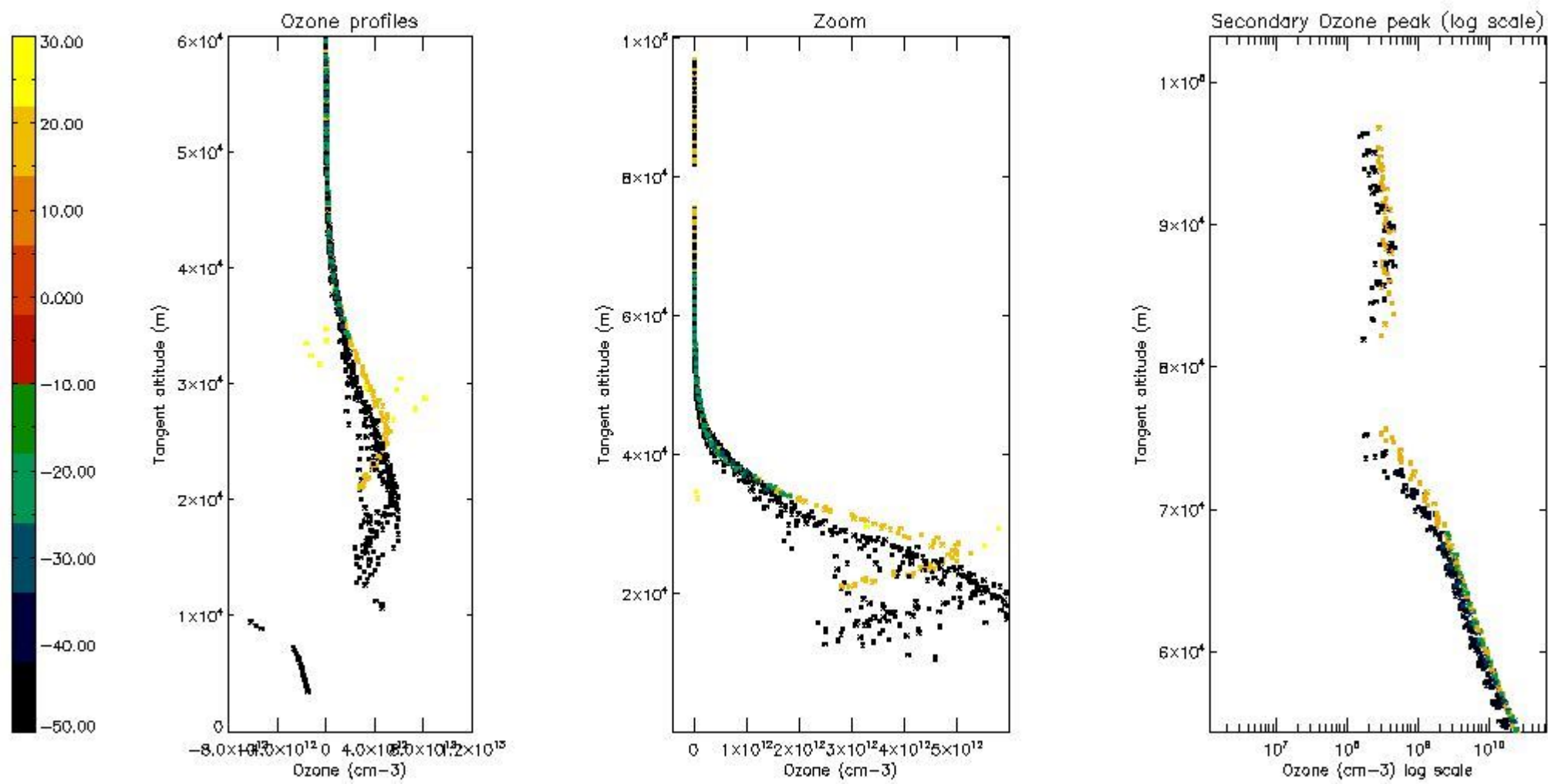
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



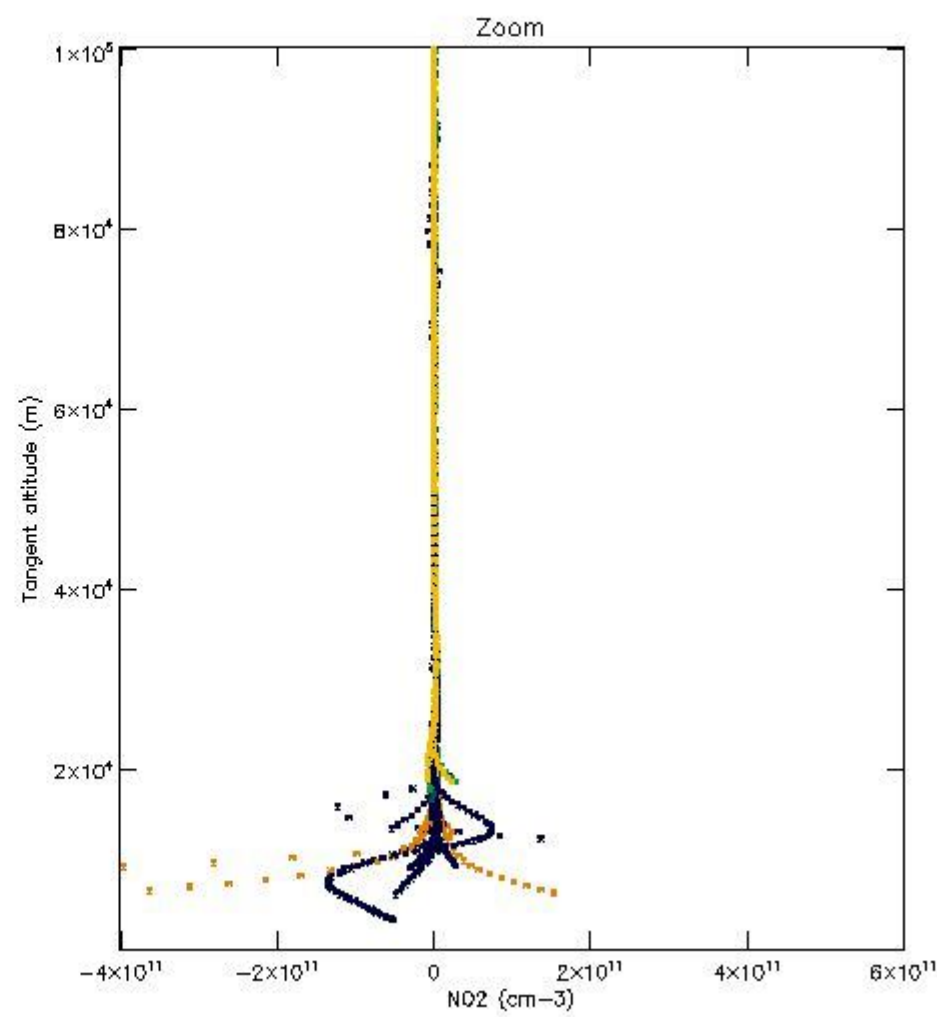
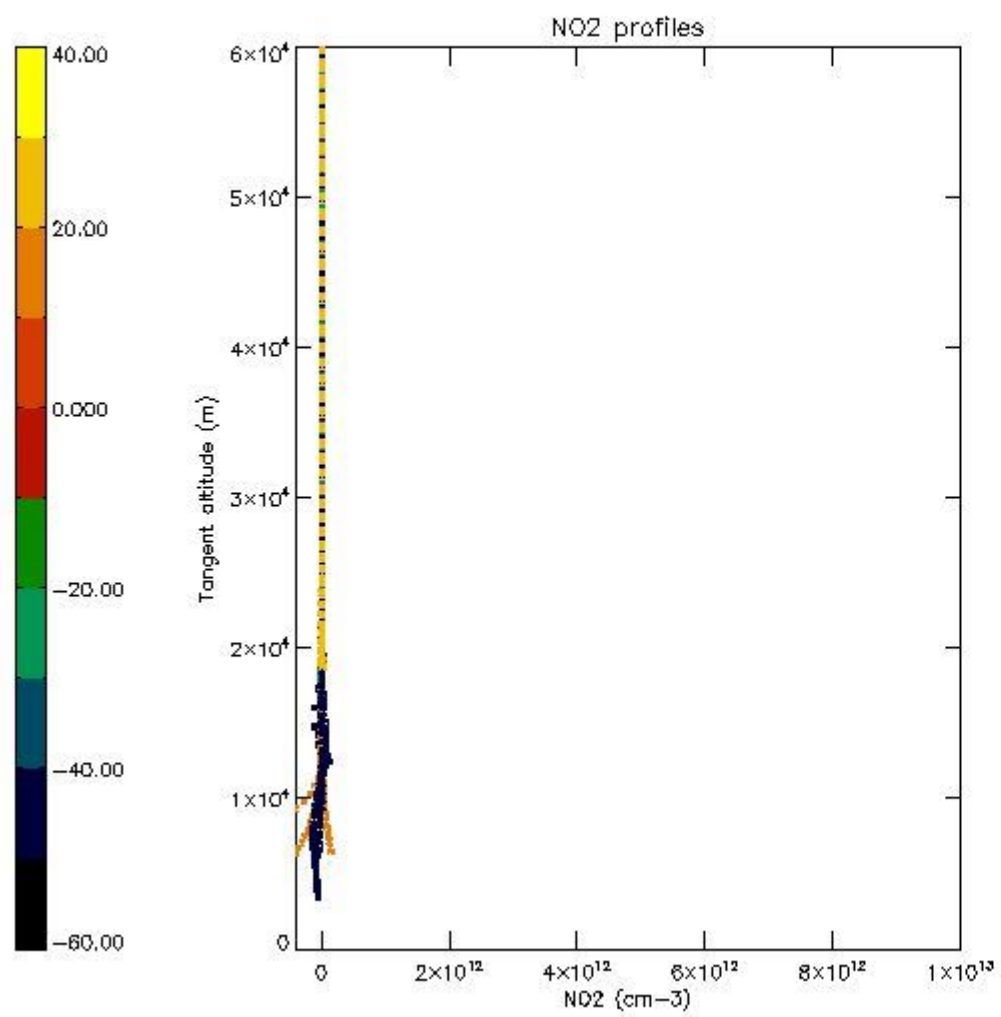
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



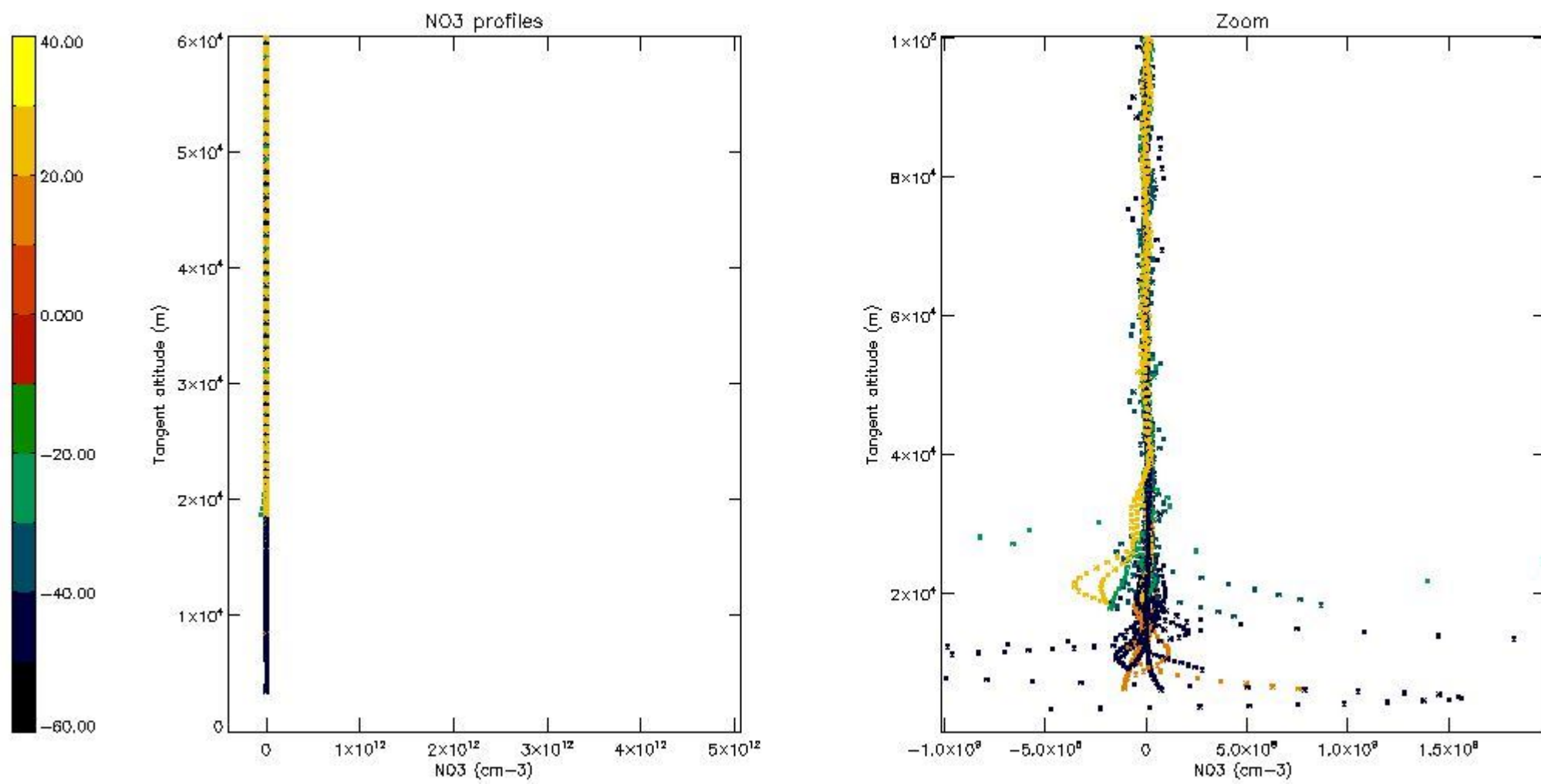
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



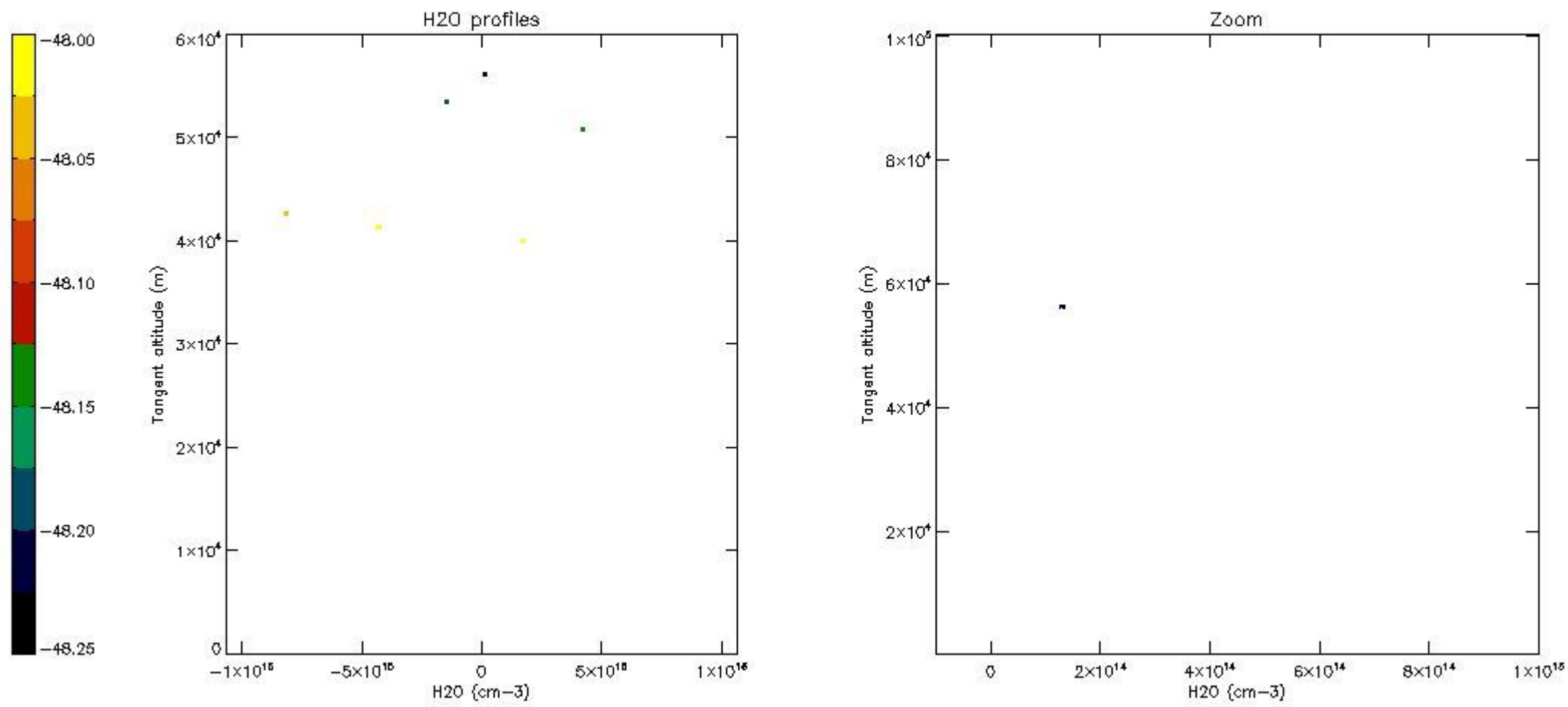
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

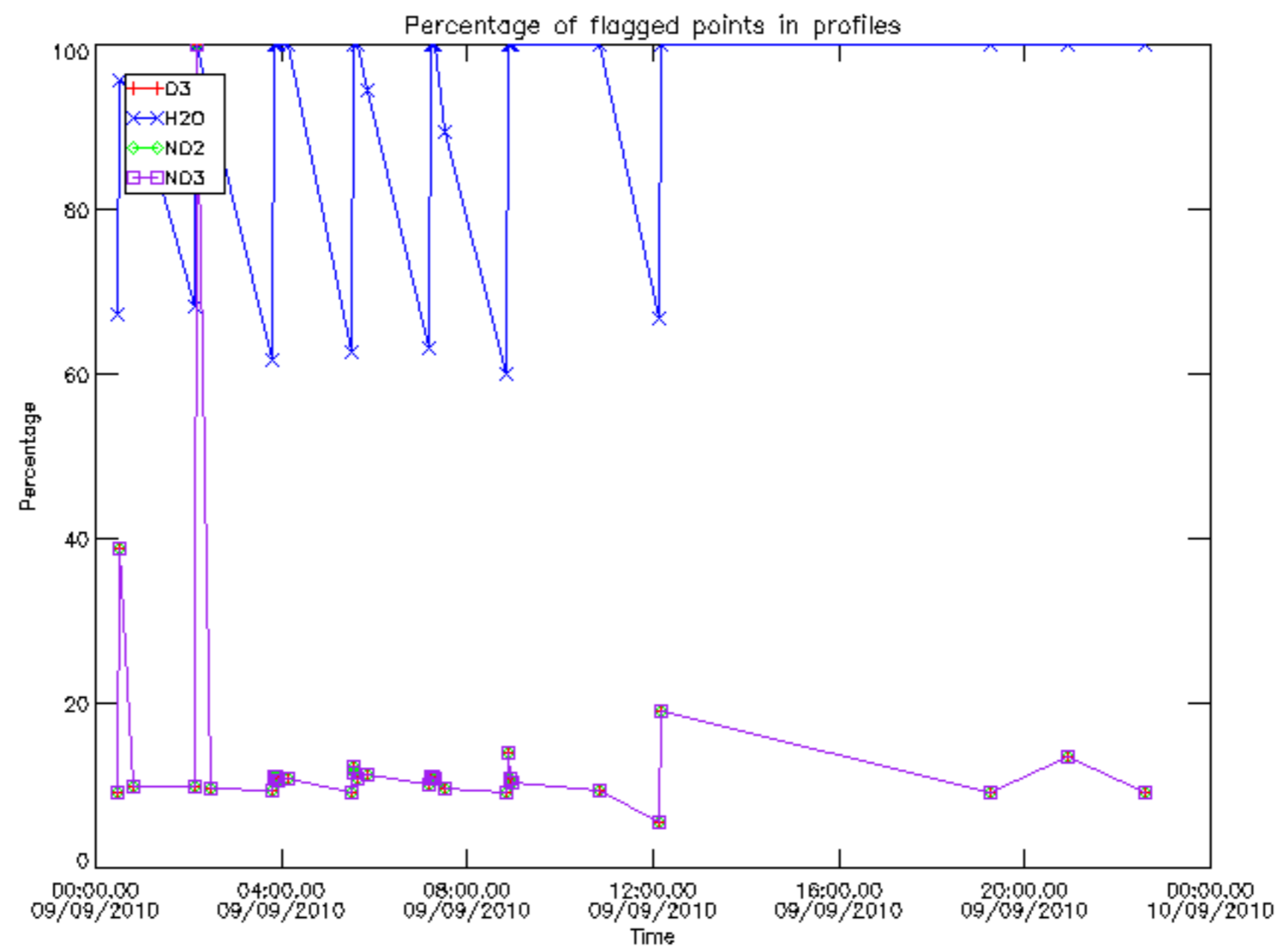
The colorbar represents the latitude.



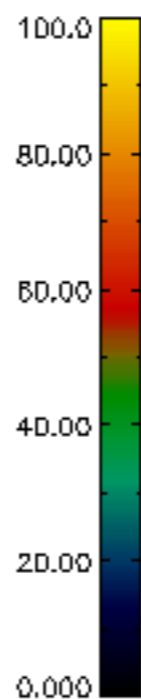
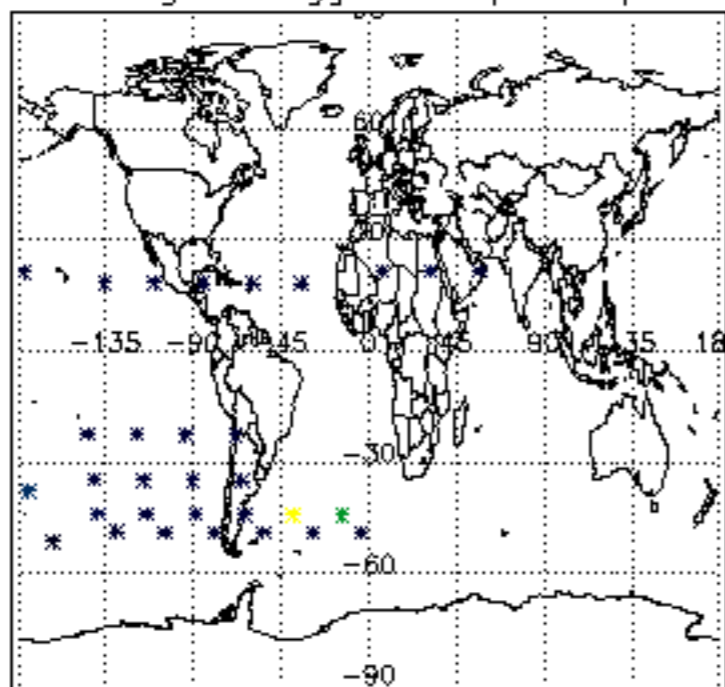
6. Auxiliary Data Files used for the production reported in section 2

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

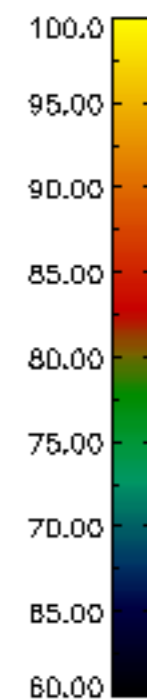
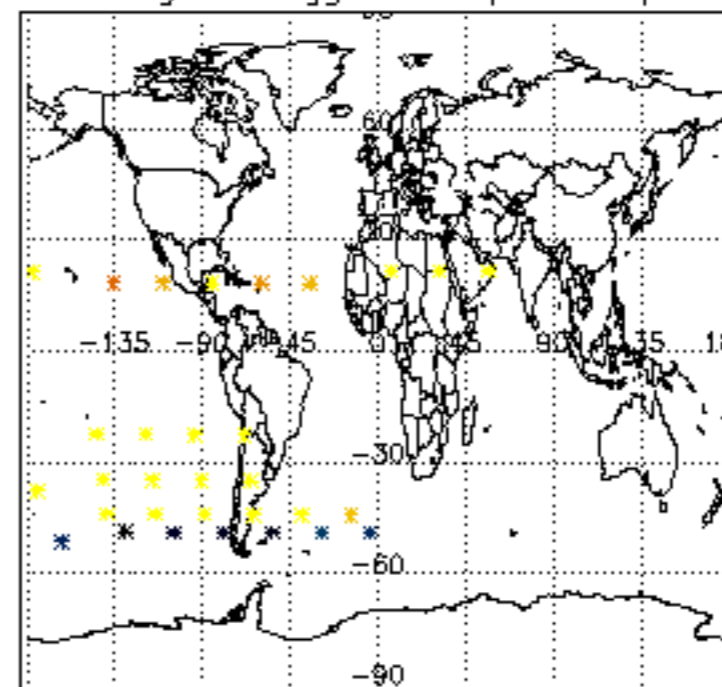
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-SEP-2010 00:06:41
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-SEP-2010 00:06:41
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-SEP-2010 00:06:41



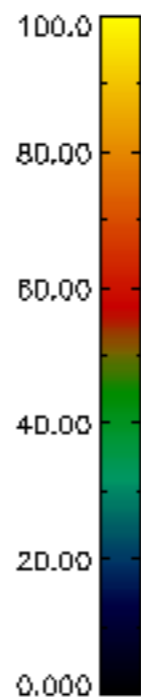
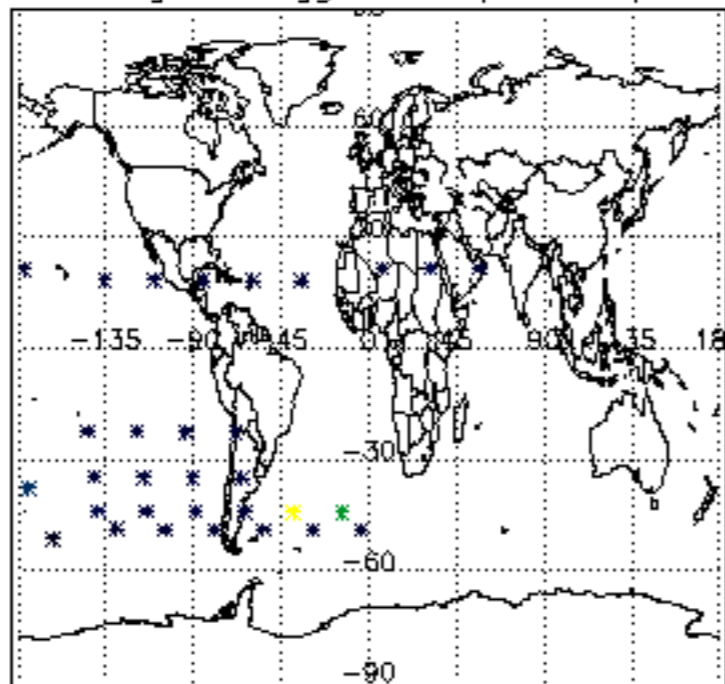
Percentage of flagged data per D3 profile



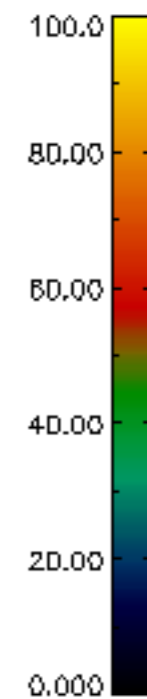
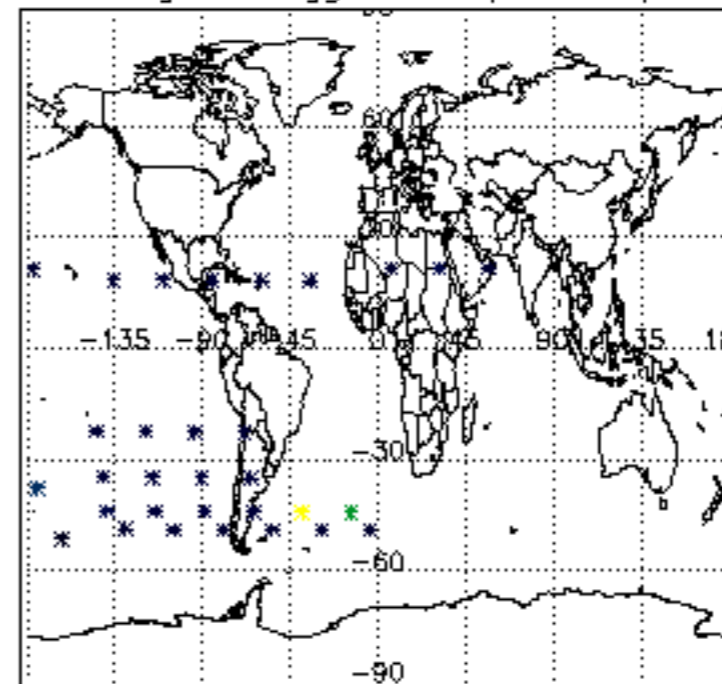
Percentage of flagged data per H2O profile

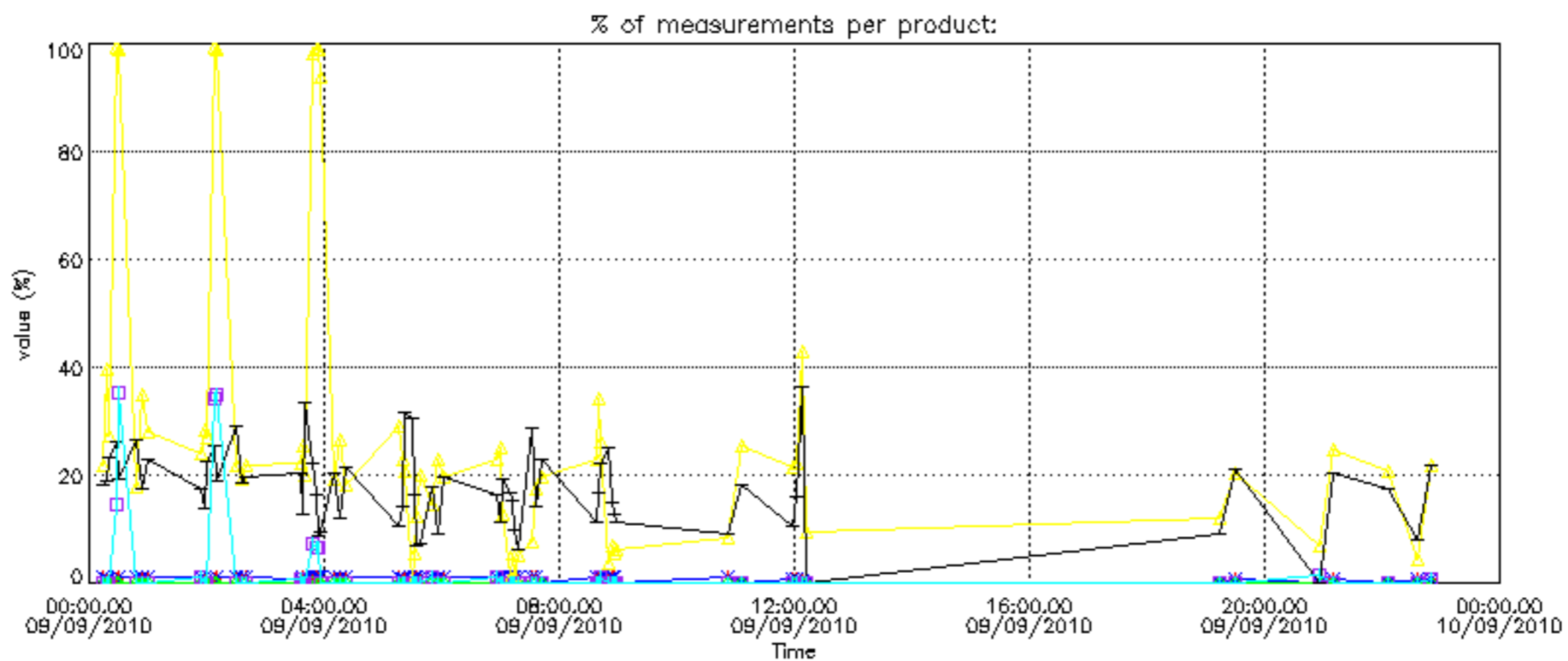


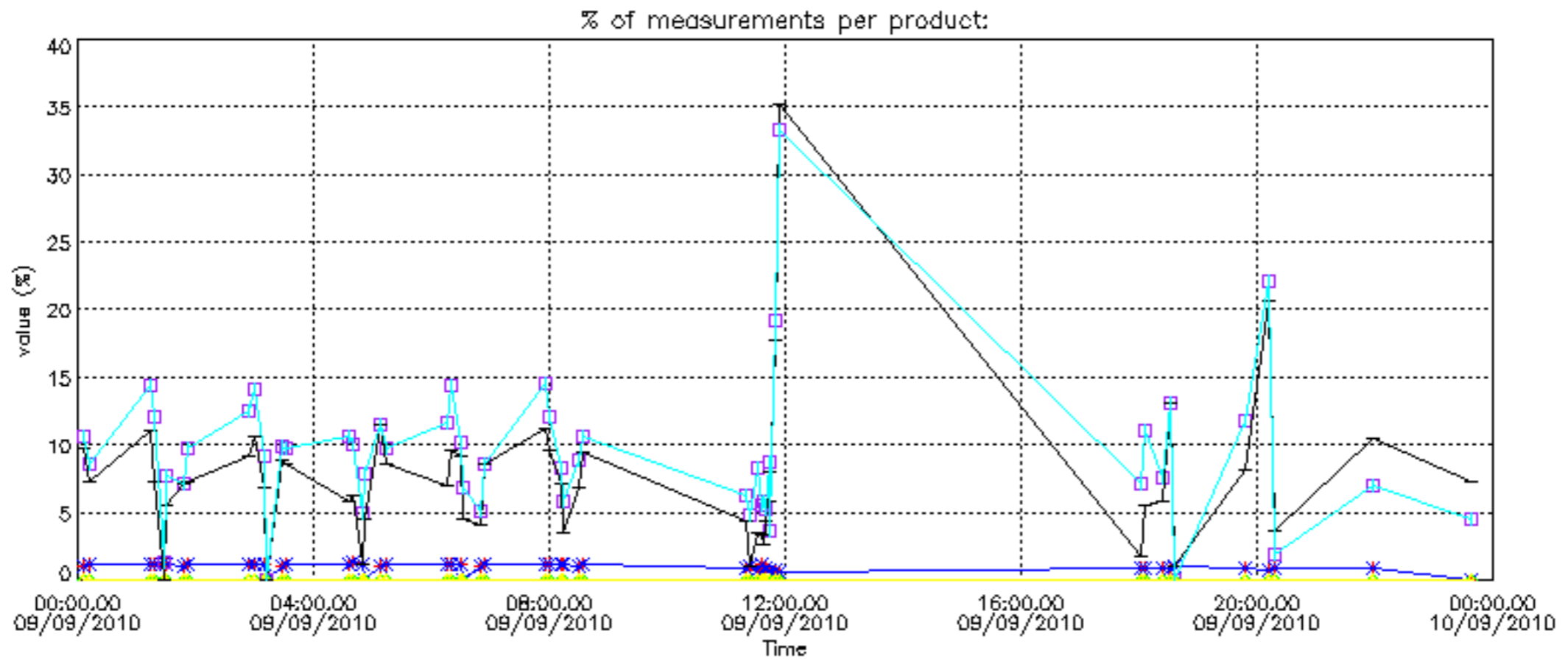
Percentage of flagged data per NO2 profile



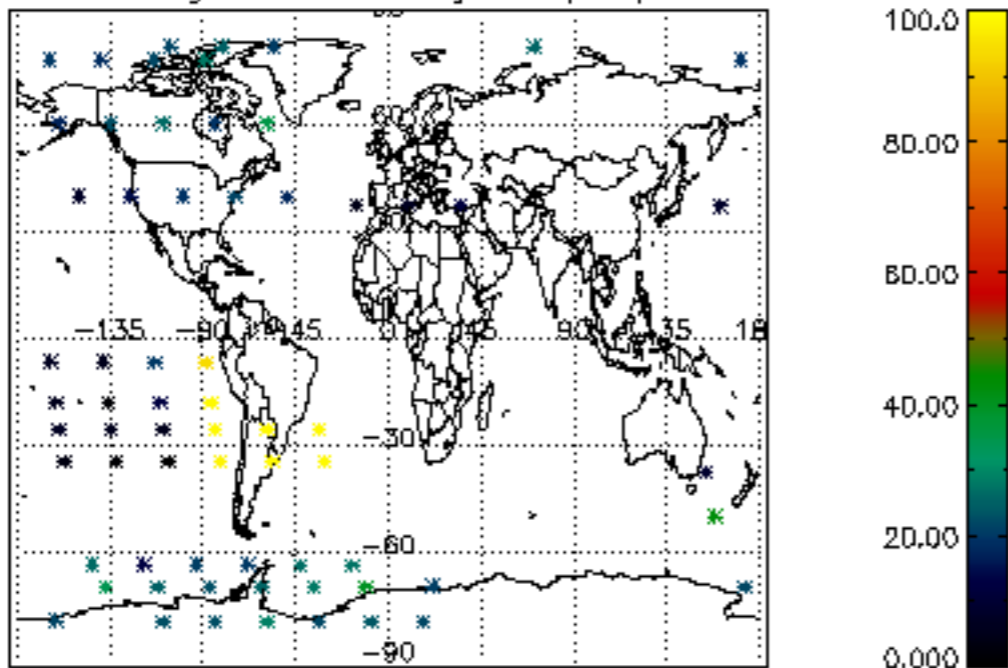
Percentage of flagged data per NO3 profile



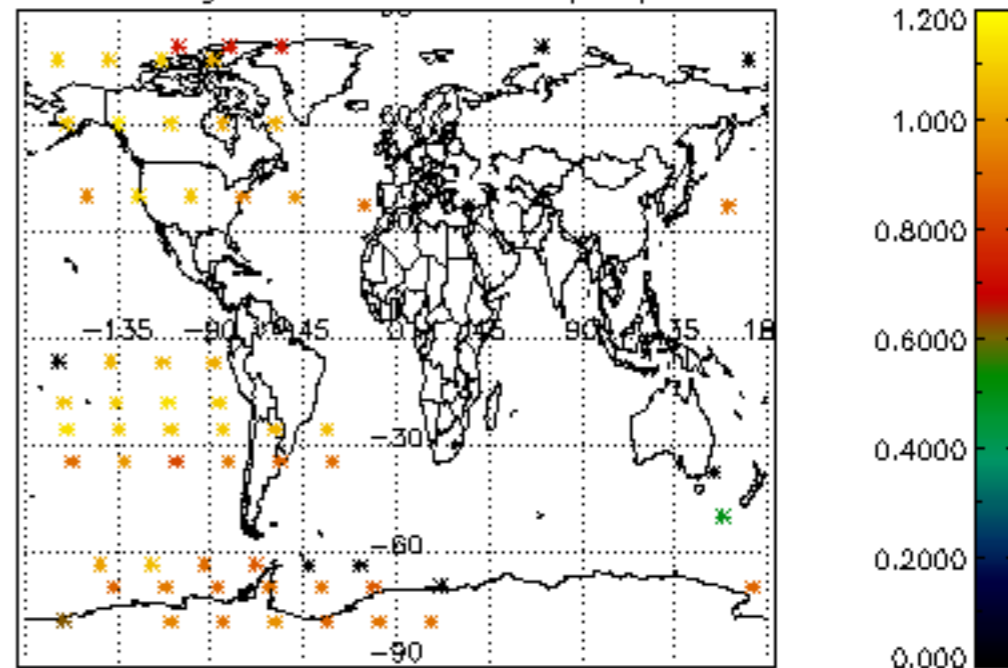




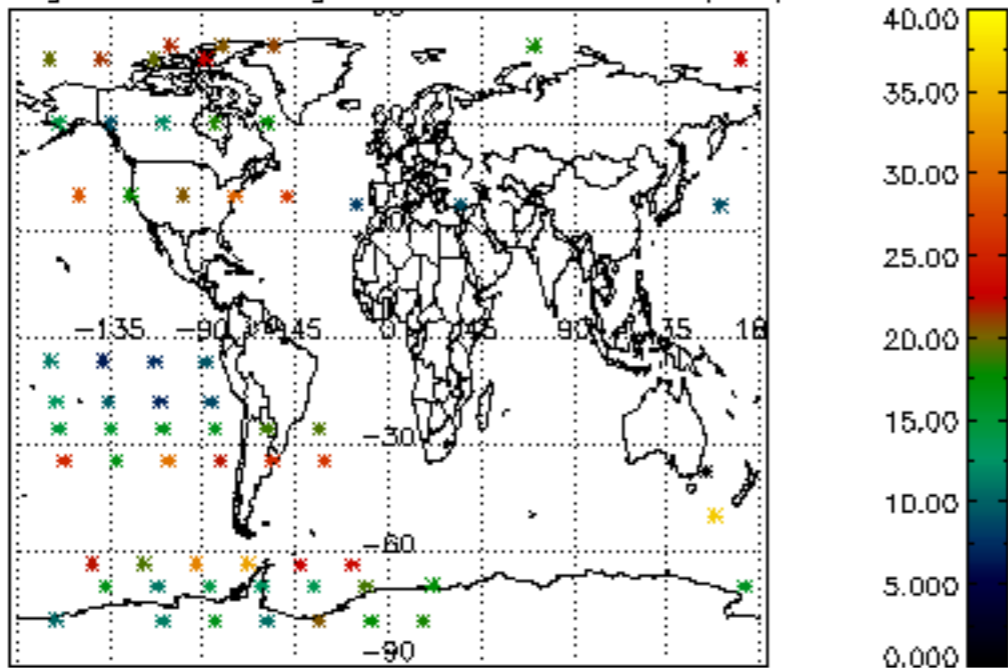
Percentage of cosmic ray hits per profile



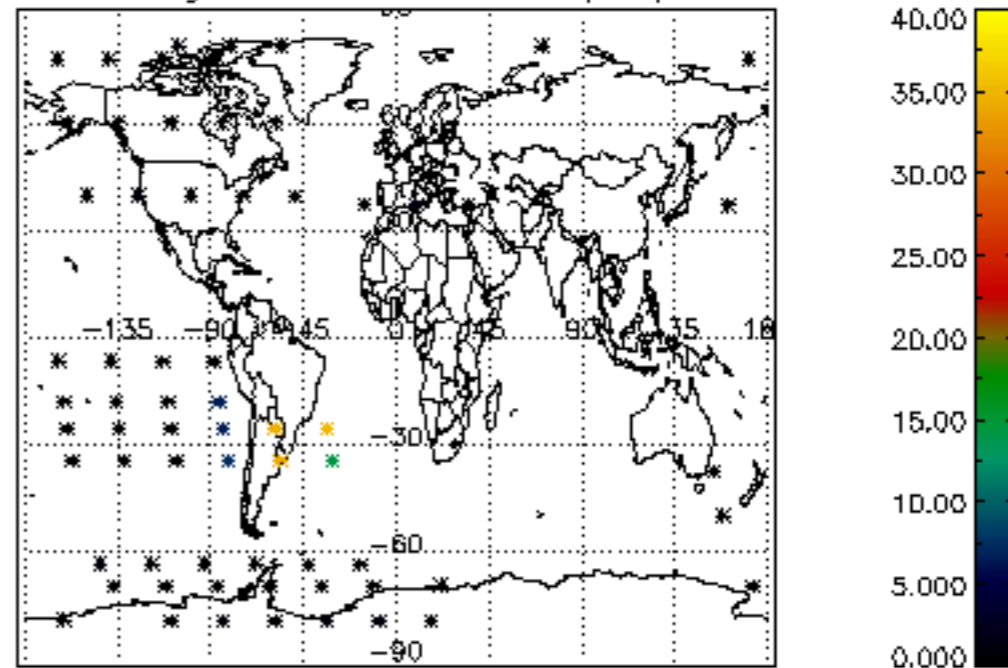
Percentage of datation errors per profile



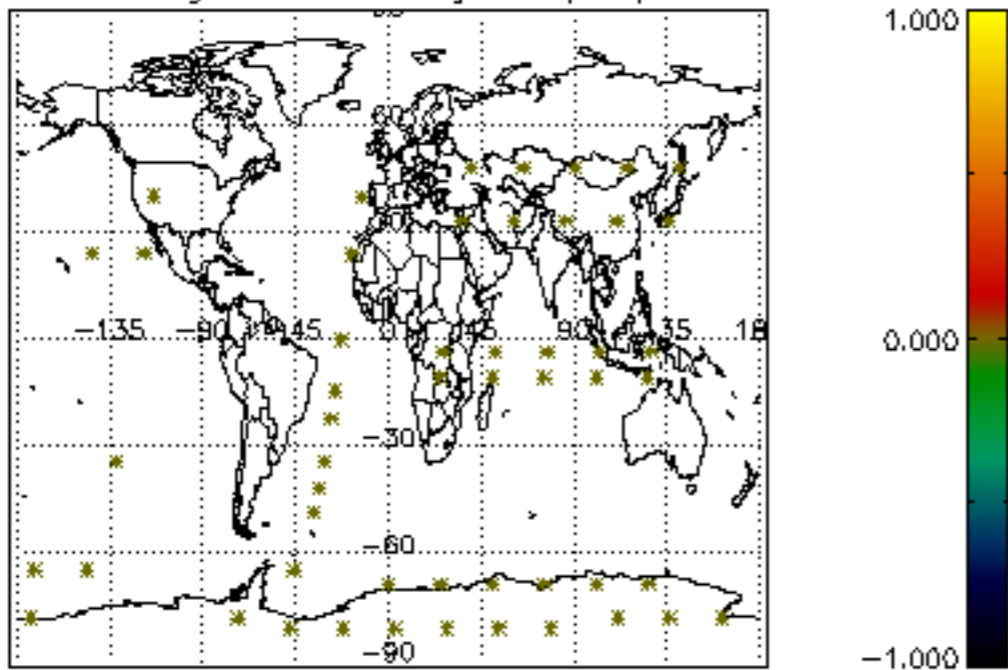
Percentage of star falling outside central band per profile



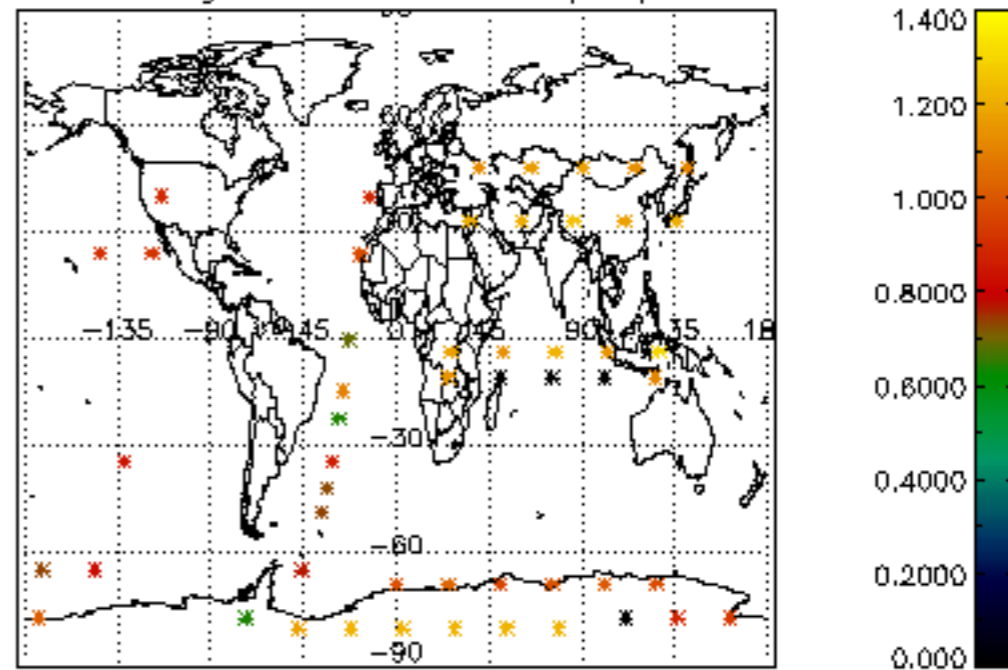
Percentage of saturation errors per profile



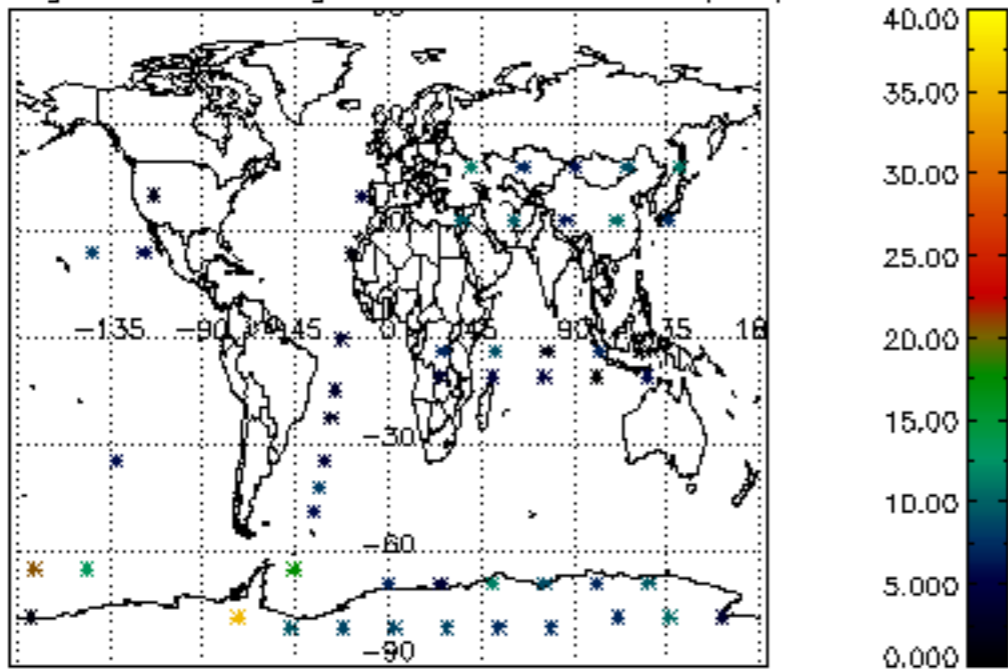
Percentage of cosmic ray hits per profile



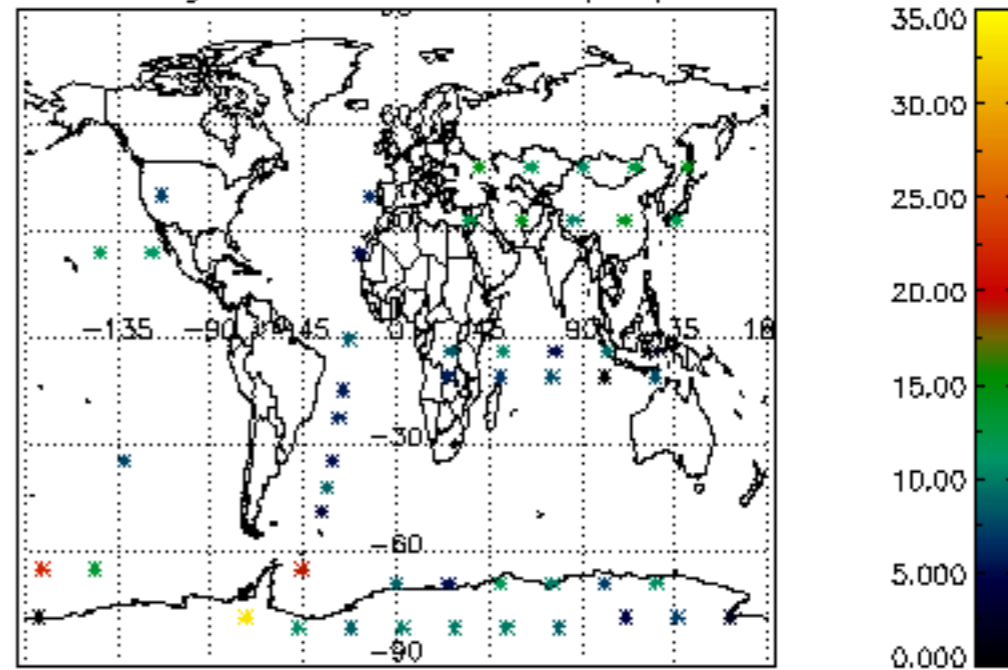
Percentage of datation errors per profile

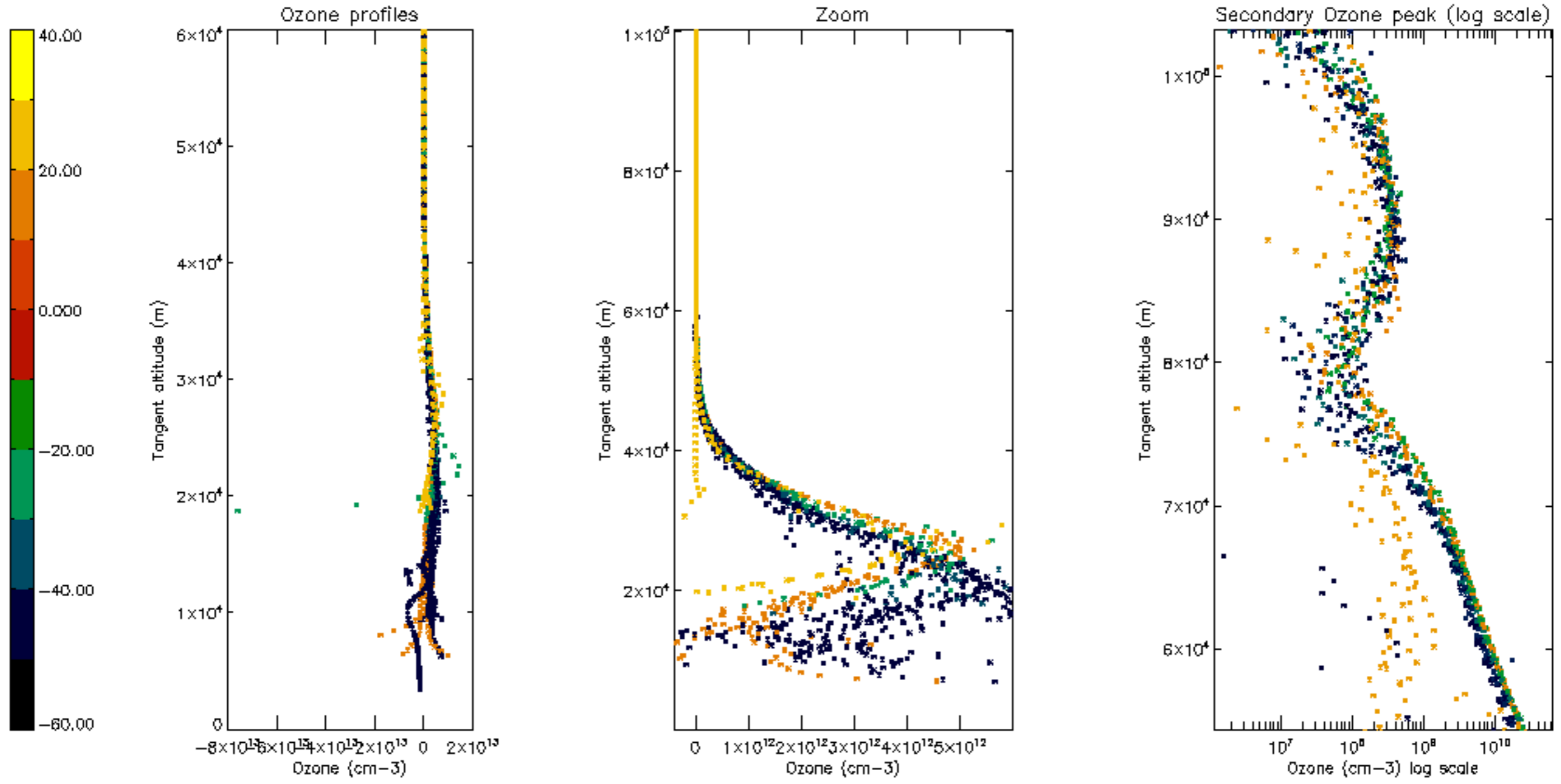


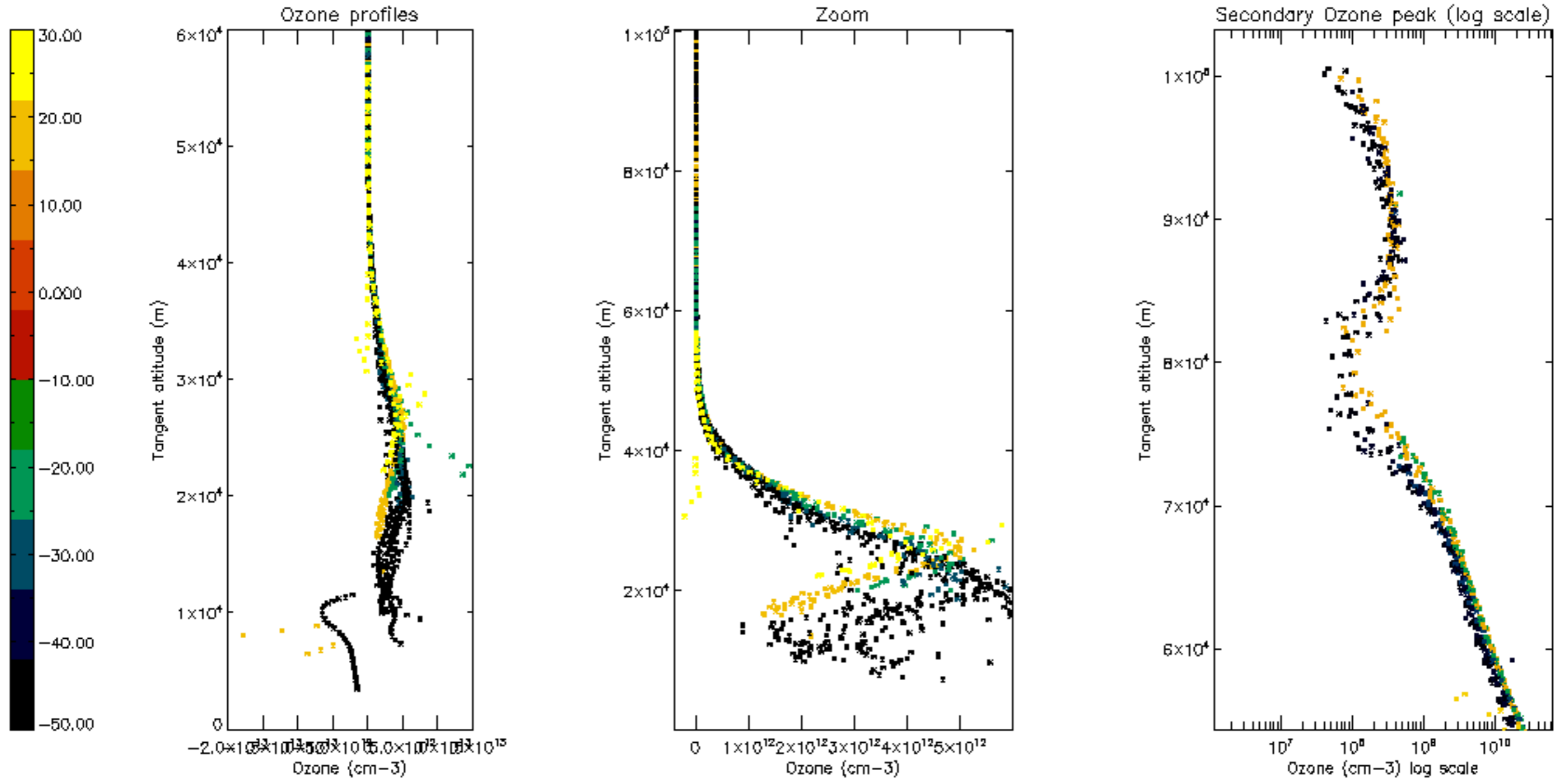
Percentage of star falling outside central band per profile

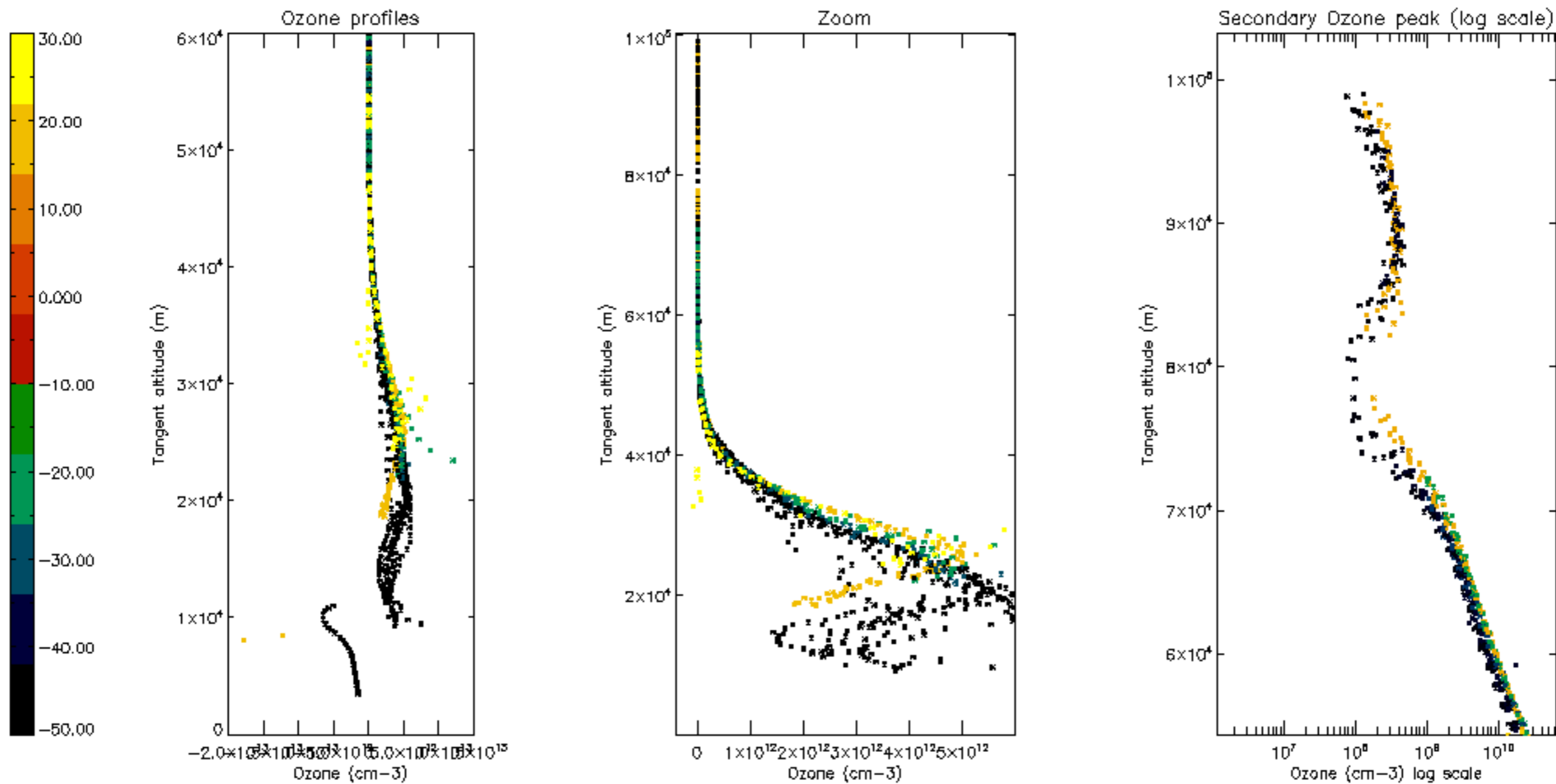


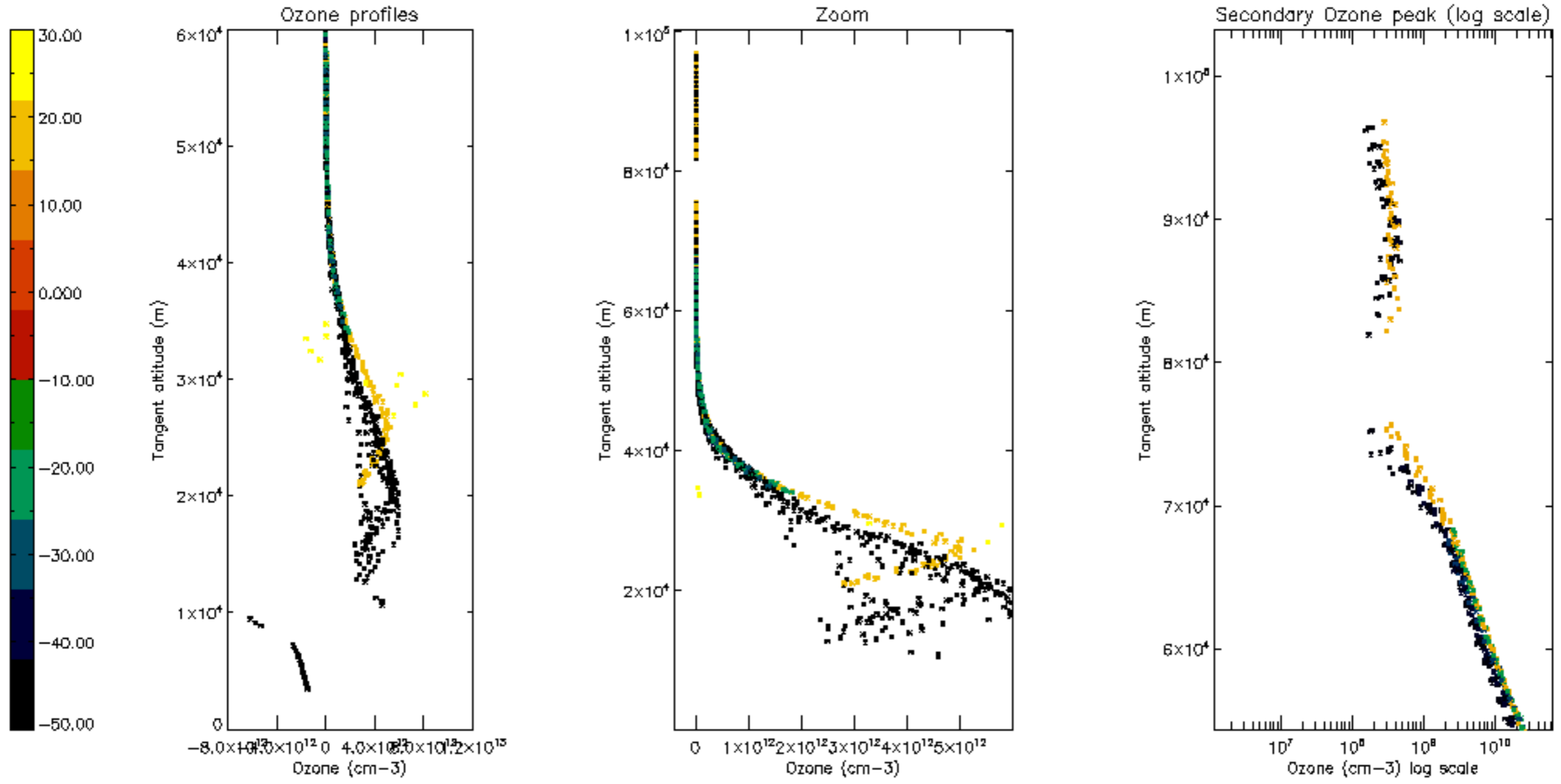
Percentage of saturation errors per profile

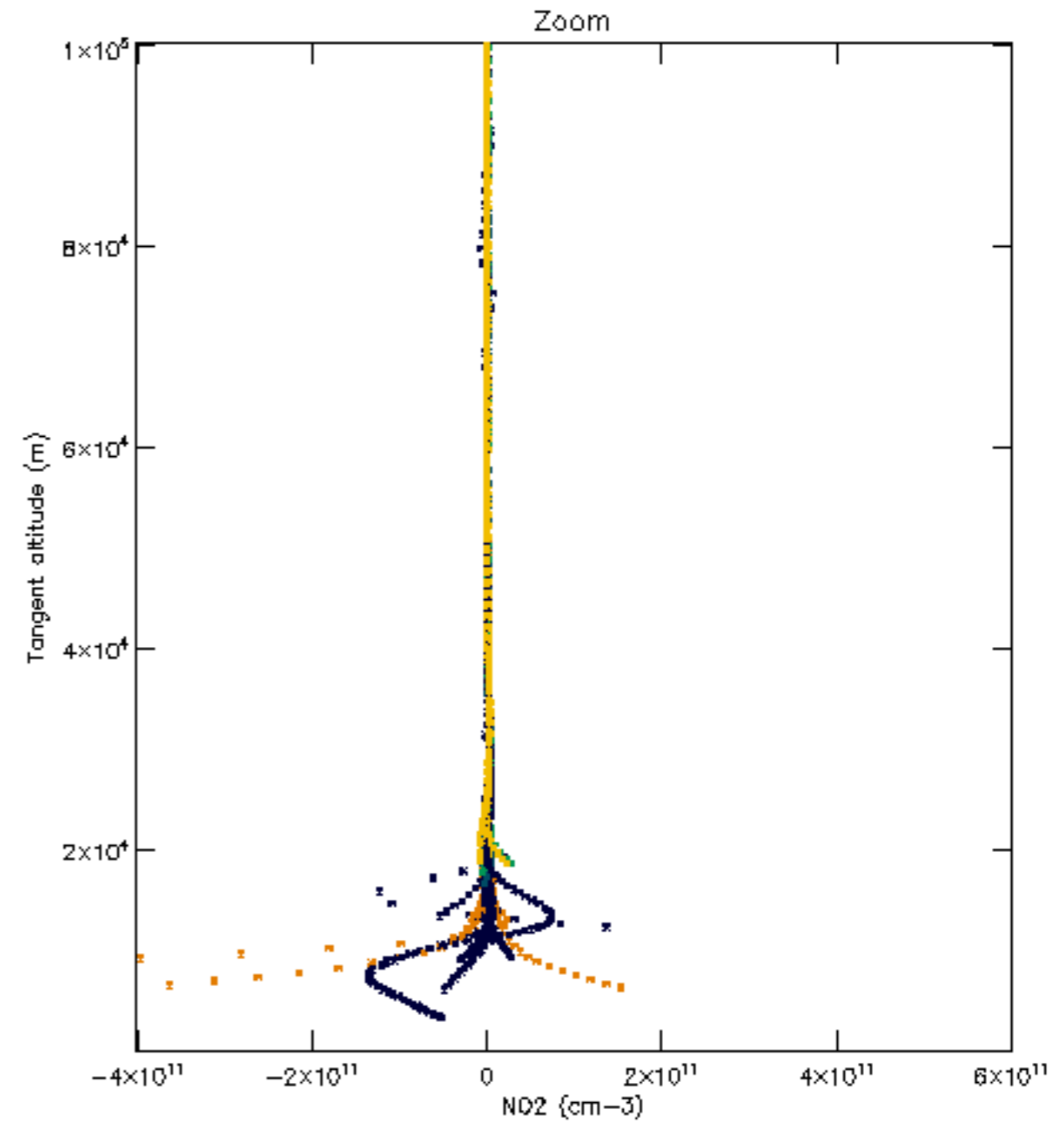
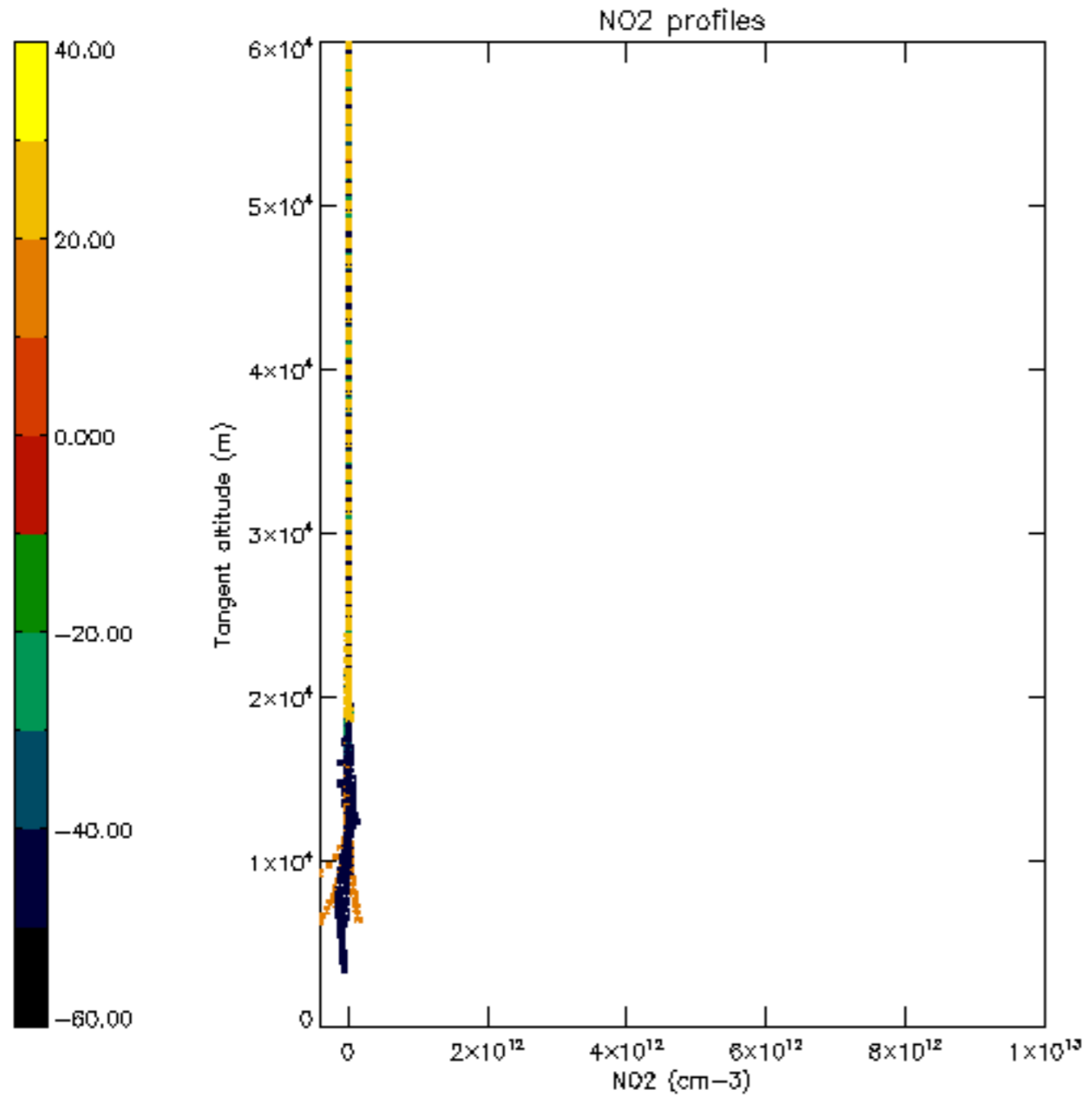


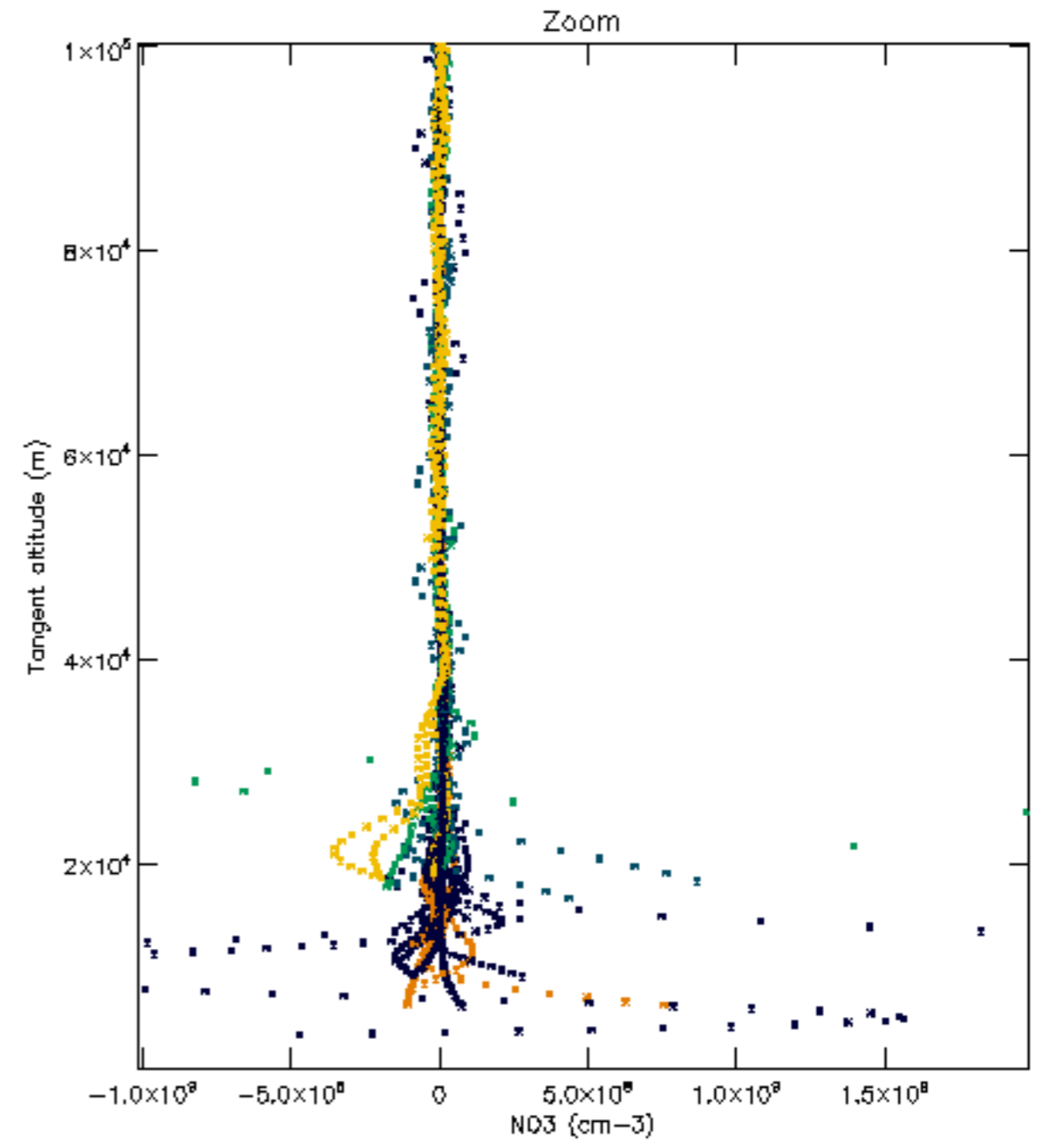
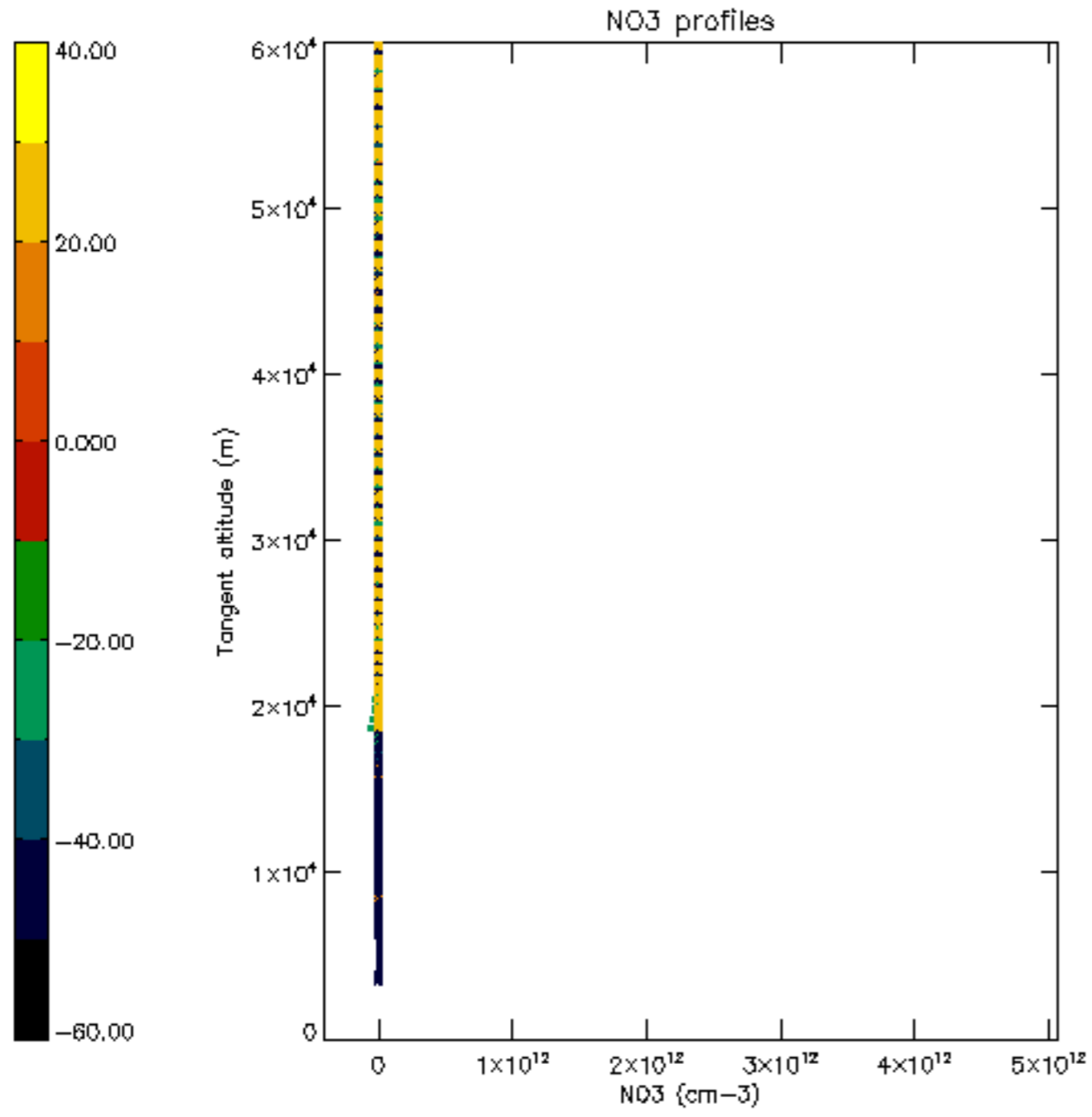


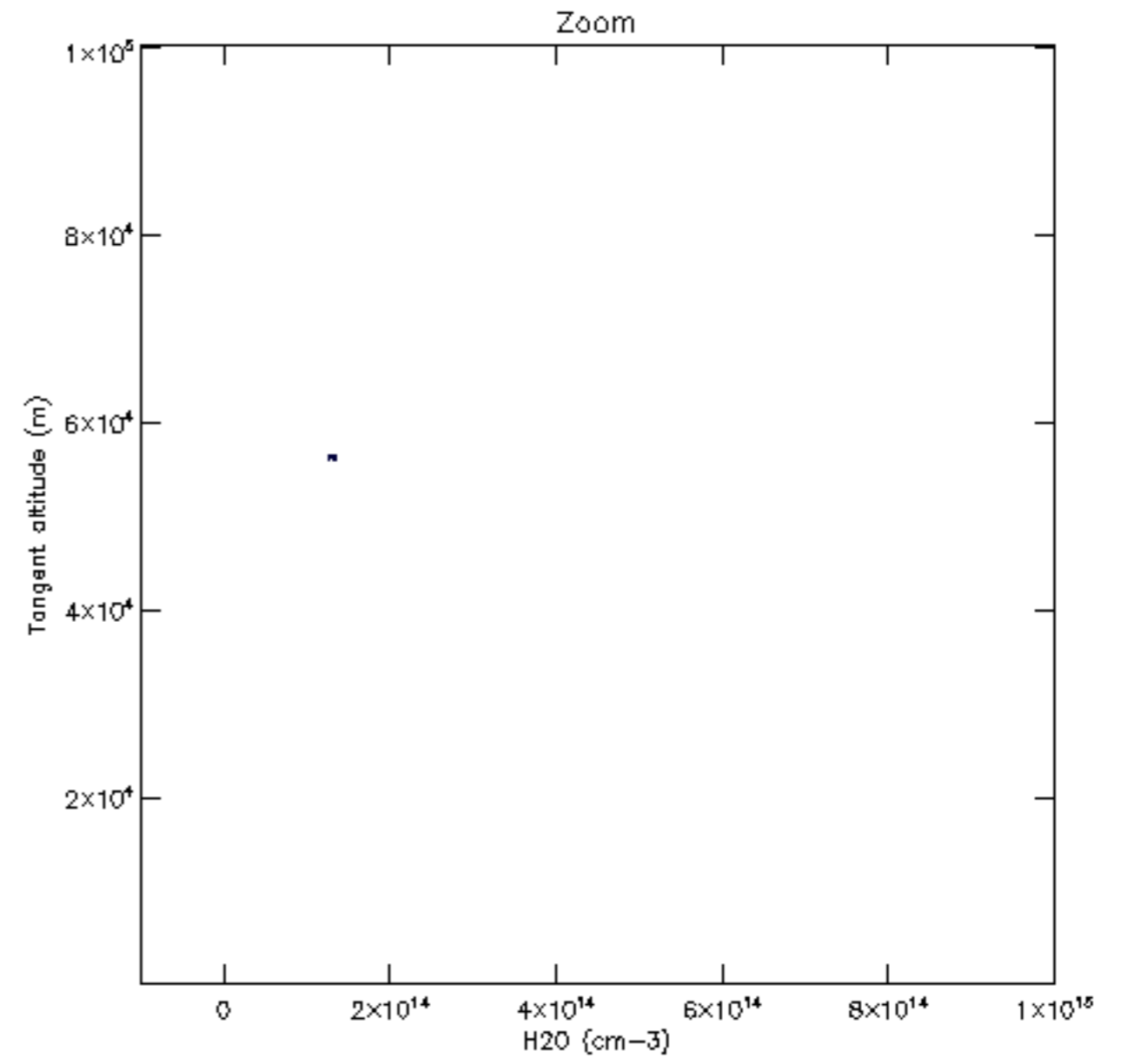
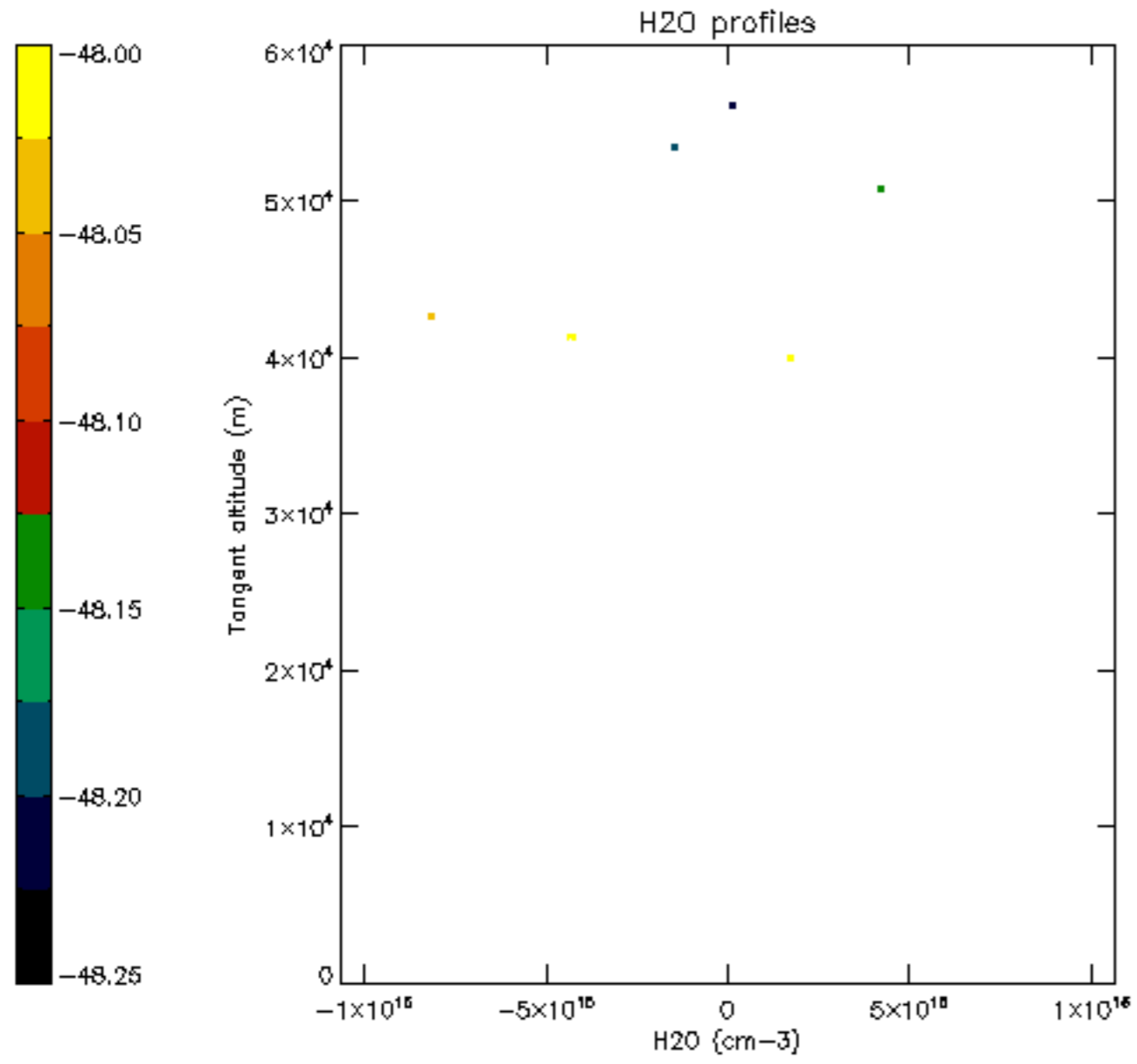


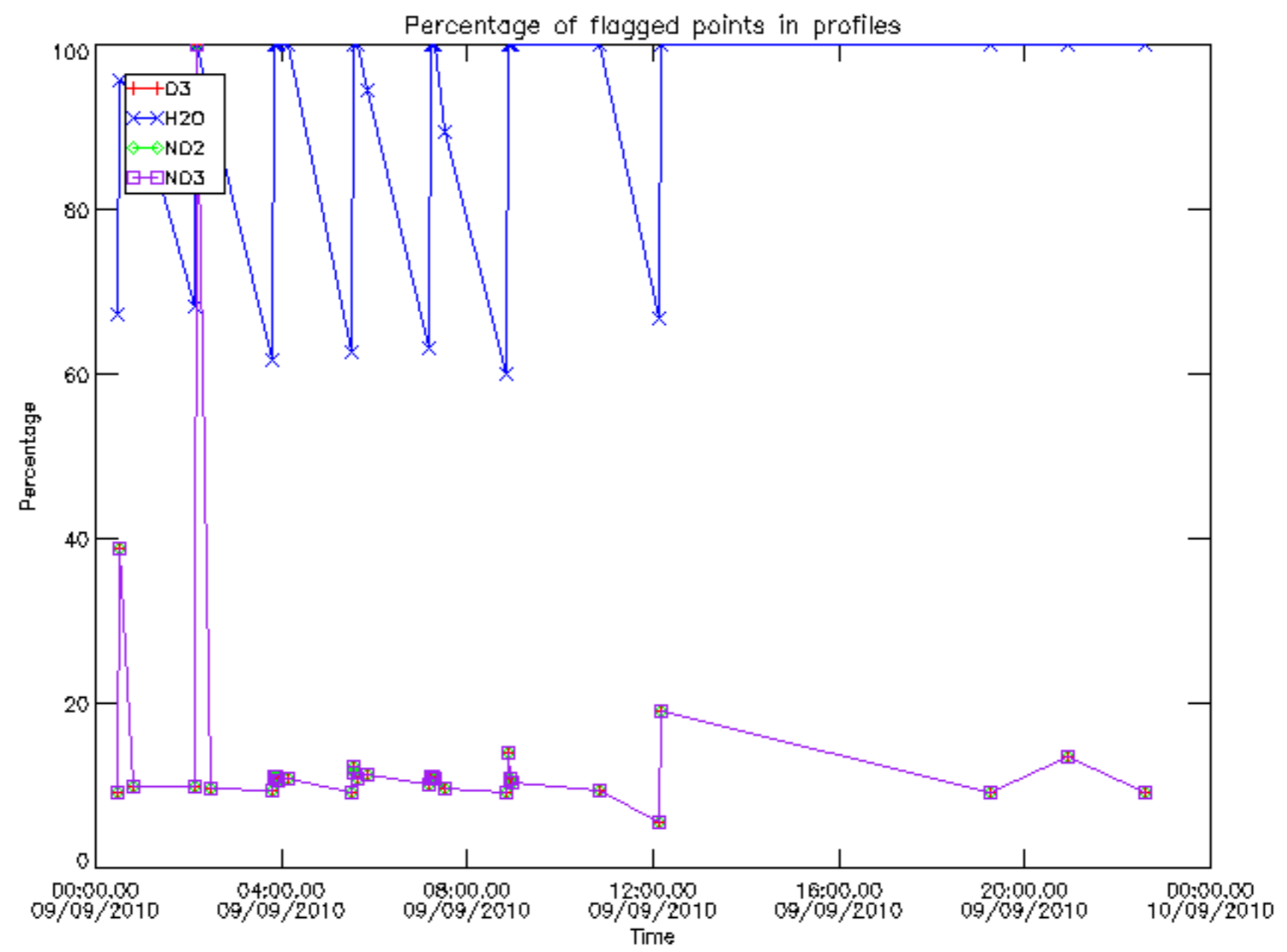




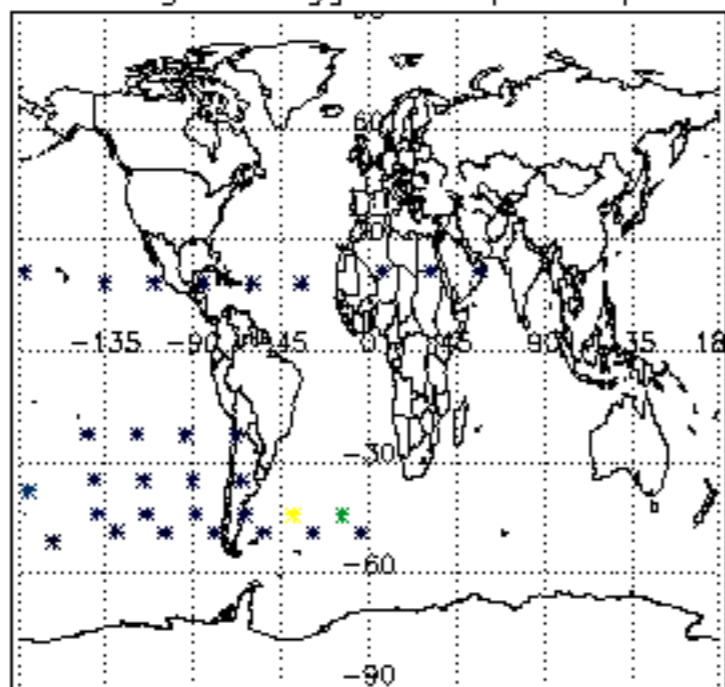




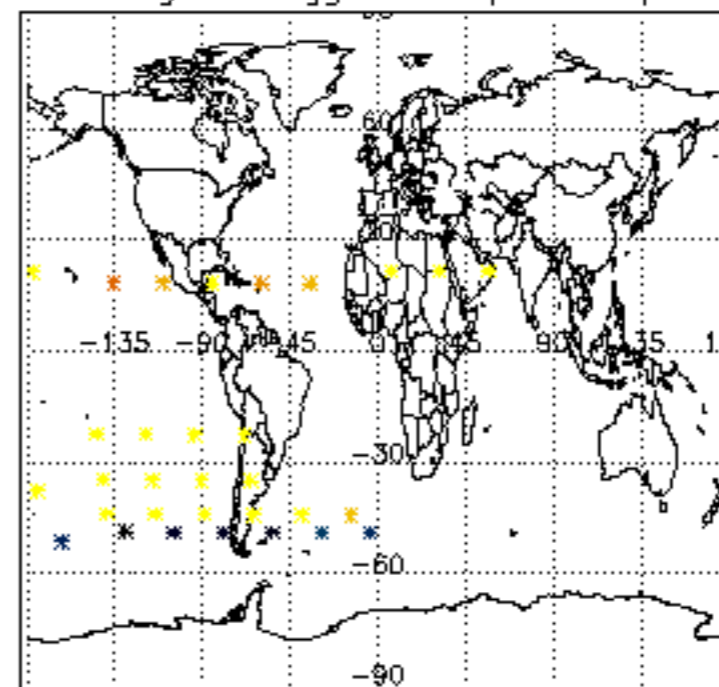




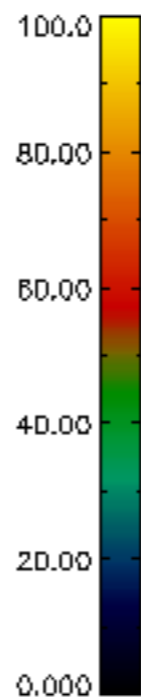
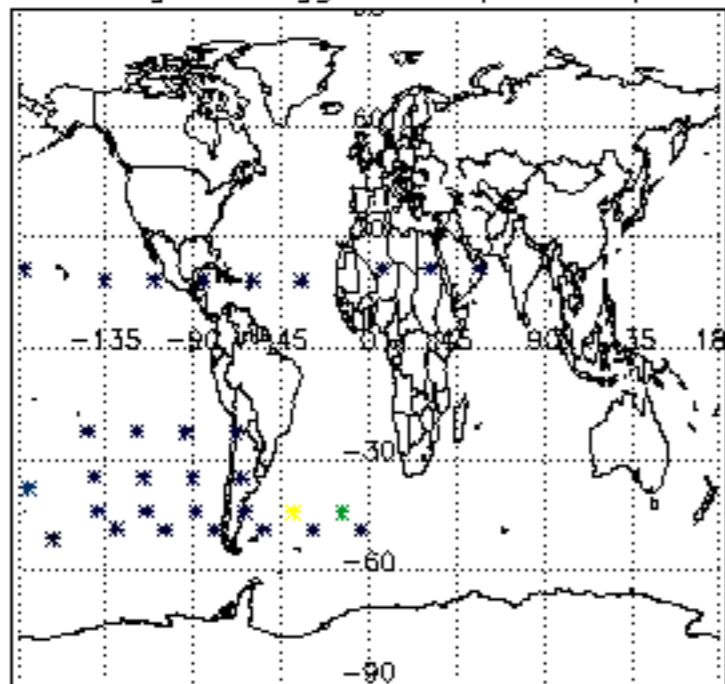
Percentage of flagged data per D3 profile



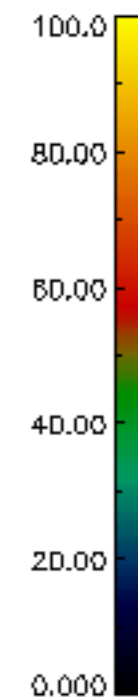
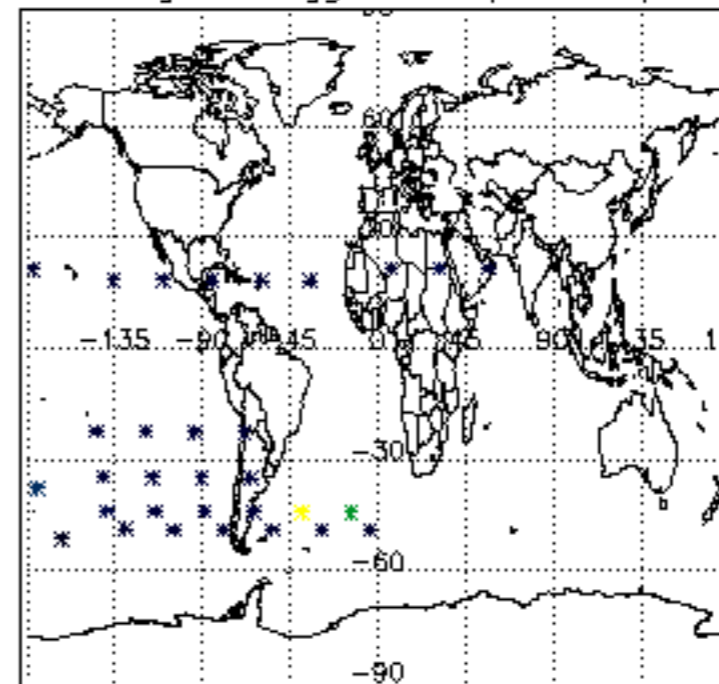
Percentage of flagged data per H2O profile

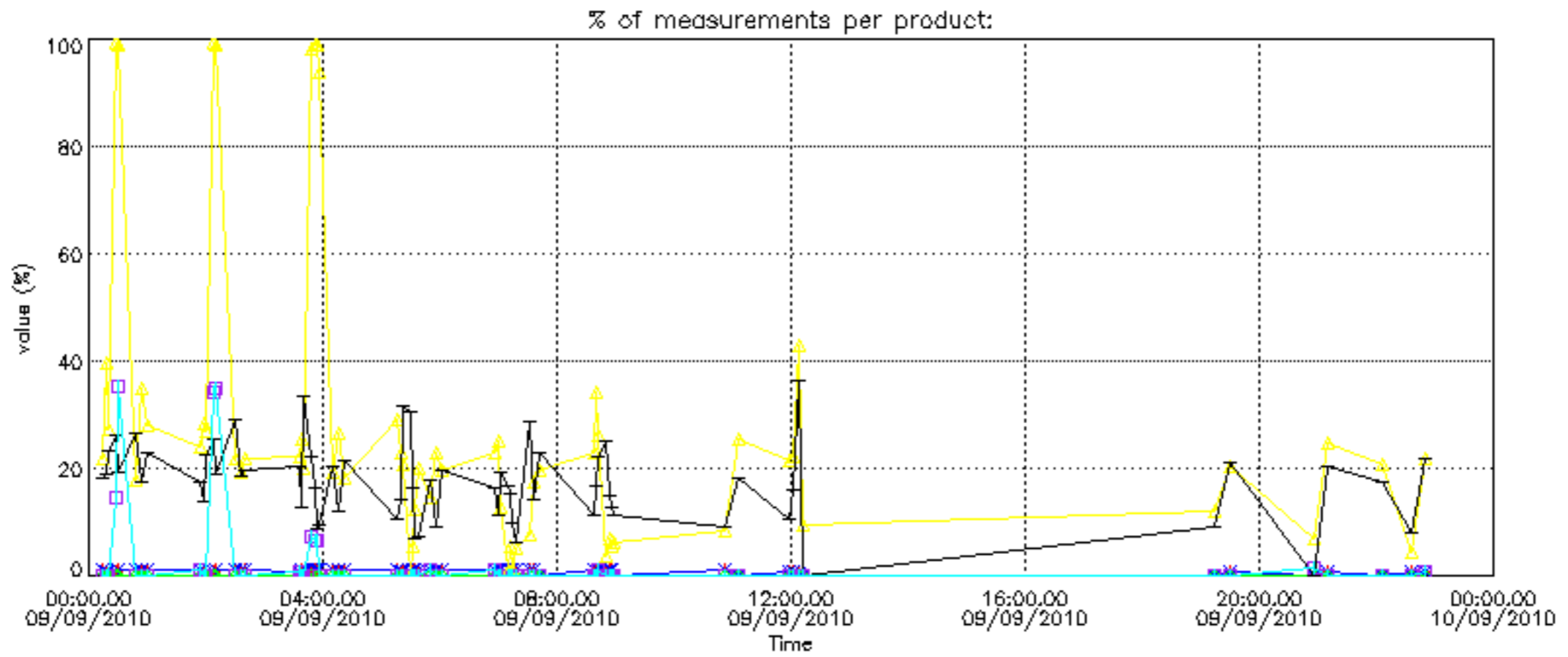


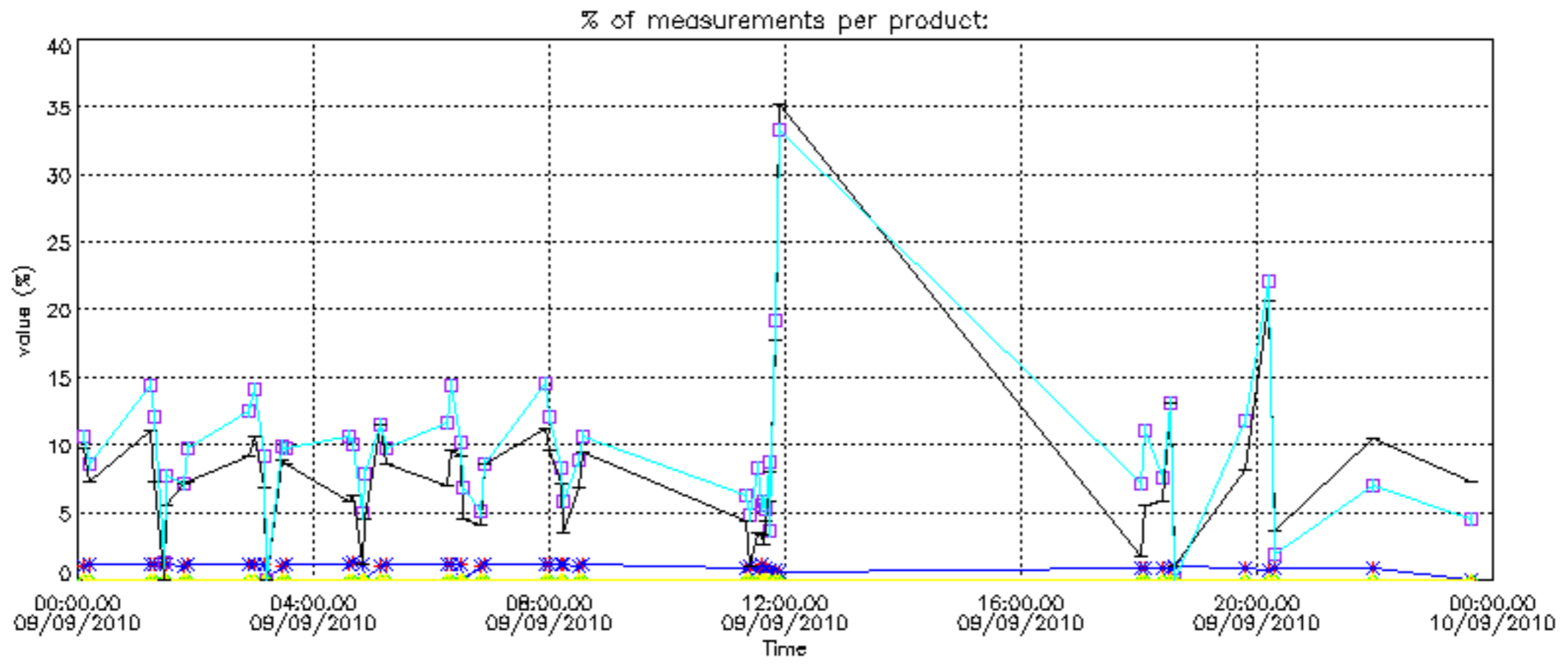
Percentage of flagged data per NO2 profile



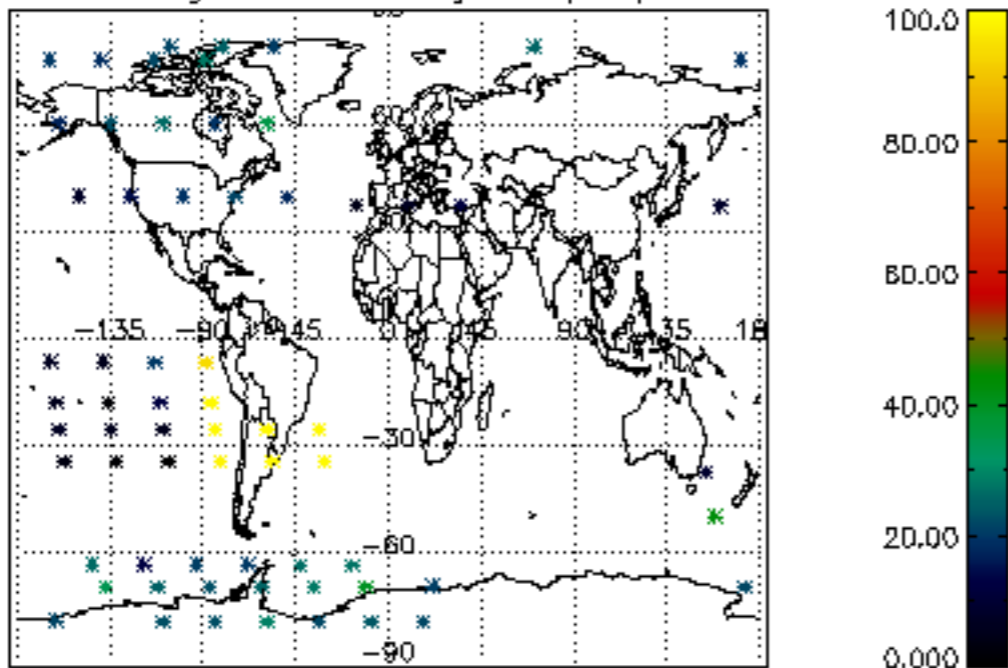
Percentage of flagged data per NO3 profile



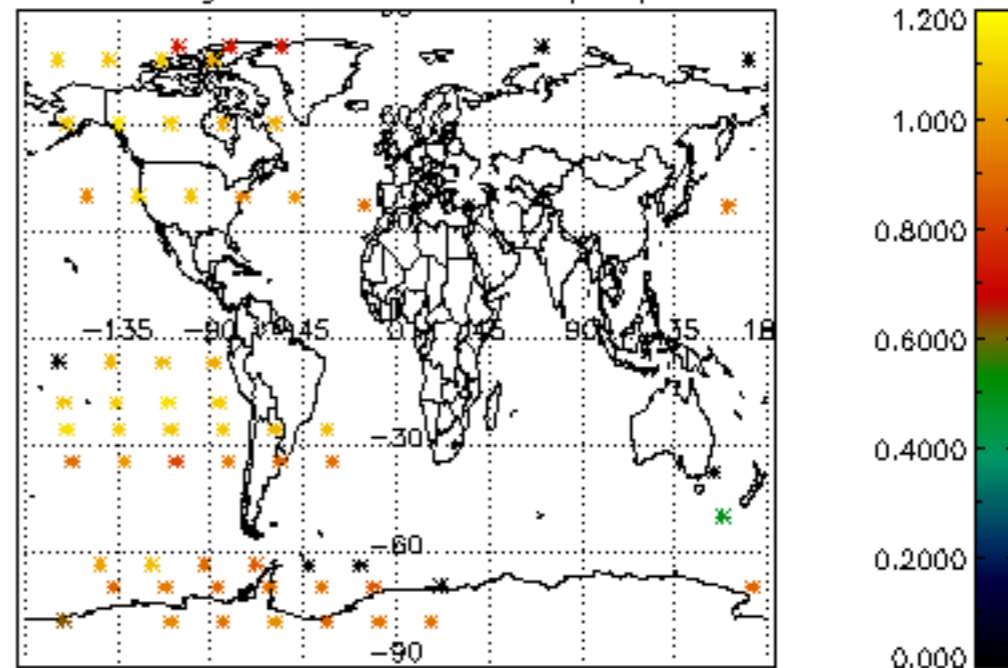




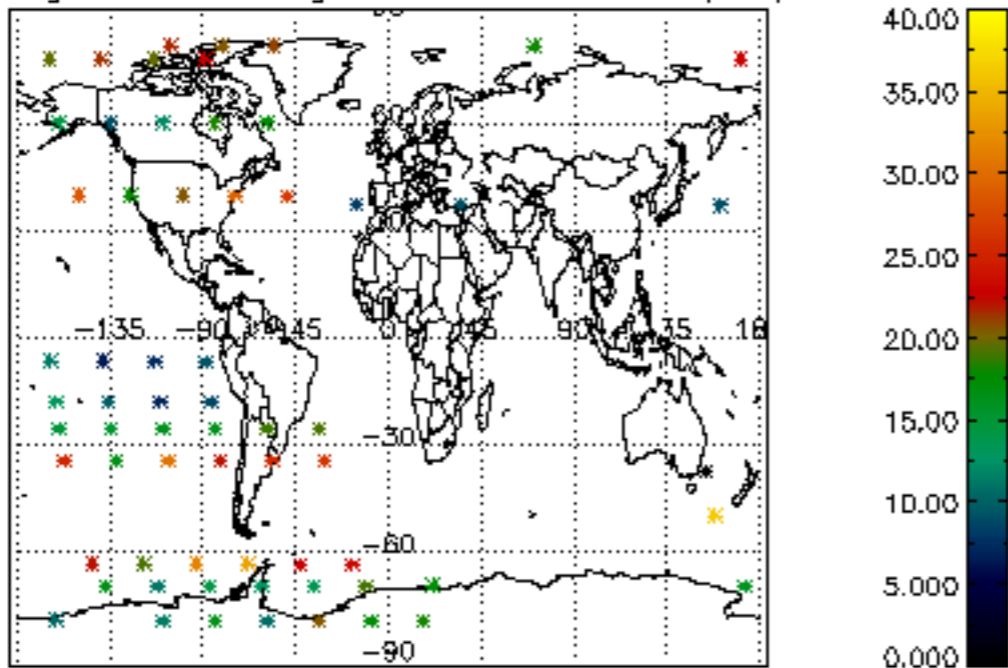
Percentage of cosmic ray hits per profile



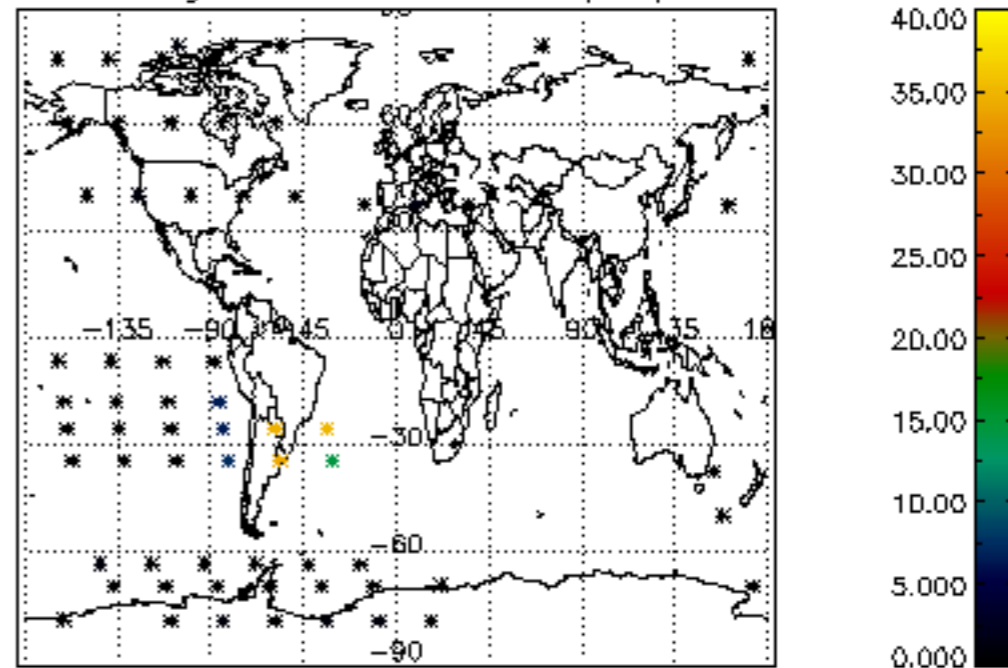
Percentage of datation errors per profile



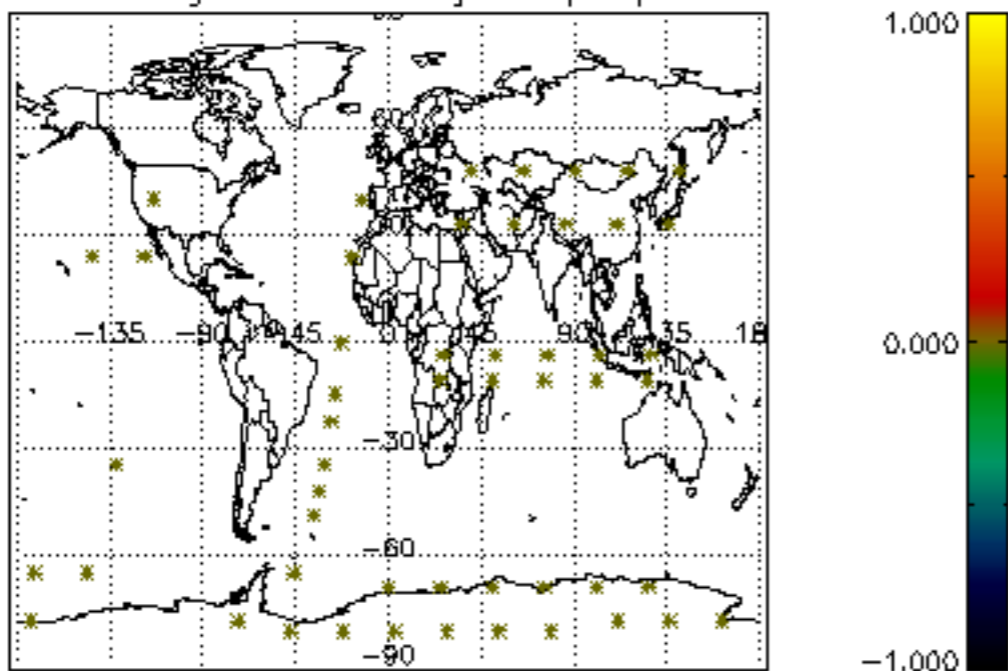
Percentage of star falling outside central band per profile



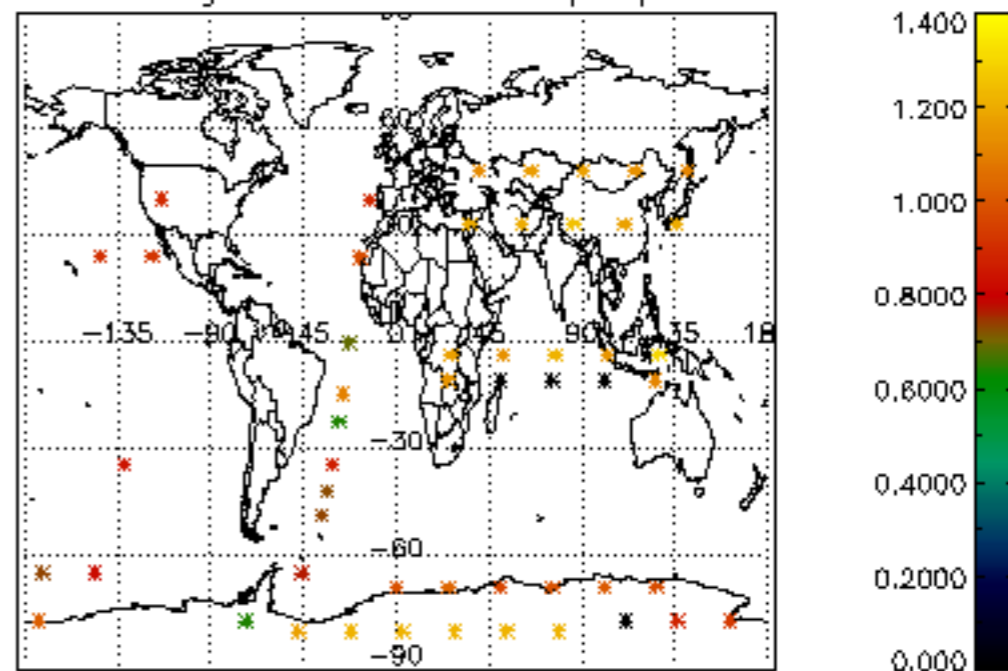
Percentage of saturation errors per profile



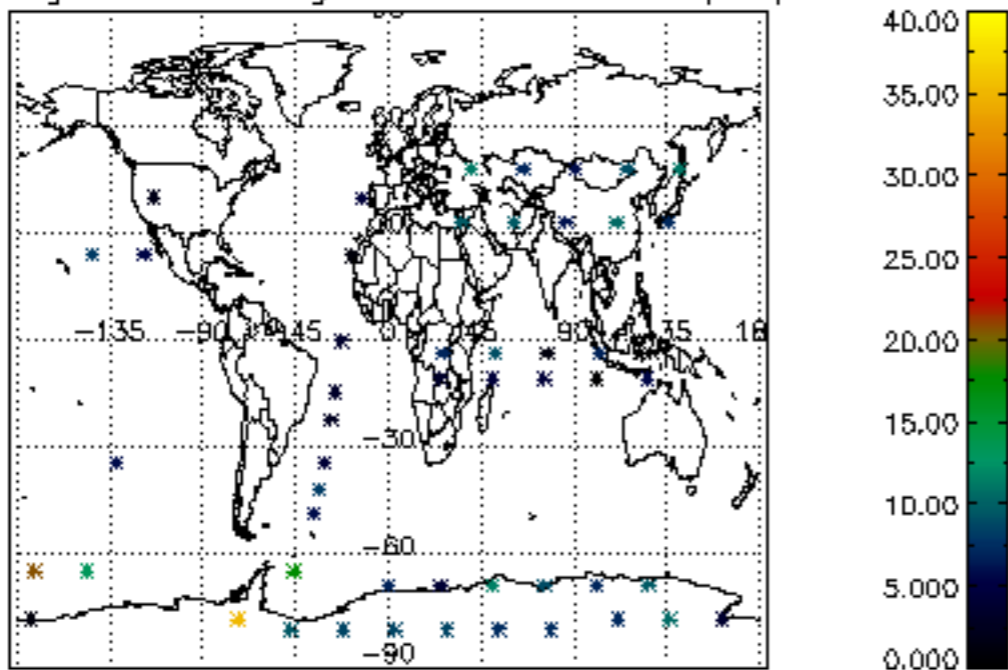
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

