

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	30APR2013 09:17:02
Data source version	GOMOS/6.01
Start time of products	14-12-2009 (14DEC2009 00:00:00)
Stop time of products	15-12-2009 (15DEC2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	396
Nb of prods with errors	1

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__2PRFIN20091214_000403_000000462085_00088_40723_6447.N1	14-DEC-2009 00:04:03	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	40723	No
2	GOM_NL__2PRFIN20091214_000620_000000462085_00088_40723_6448.N1	14-DEC-2009 00:06:20	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	40723	No
3	GOM_NL__2PRFIN20091214_000859_000000532085_00088_40723_6449.N1	14-DEC-2009 00:08:59	Dark	53.000	117	Pi Pup	2.7060	3800.0	106	40723	No
4	GOM_NL__2PRFIN20091214_001219_000000552085_00088_40723_6450.N1	14-DEC-2009 00:12:19	Straylight	55.000	23	21Eps CMa	1.5020	26000.	110	40723	No
5	GOM_NL__2PRFIN20091214_001701_000000502085_00088_40723_6451.N1	14-DEC-2009 00:17:01	Straylight	50.000	47	2Bet CMa	1.9760	28000.	100	40723	No
6	GOM_NL__2PRFIN20091214_002036_000000572085_00088_40723_6452.N1	14-DEC-2009 00:20:36	Straylight	57.000	7	19Bet Ori	0.10000	14000.	114	40723	No
7	GOM_NL__2PRFIN20091214_002256_000000502085_00088_40723_6453.N1	14-DEC-2009 00:22:56	Straylight	49.500	30	46Eps Ori	1.6940	30000.	99	40723	No
8	GOM_NL__2PRFIN20091214_002612_000000482085_00088_40723_6454.N1	14-DEC-2009 00:26:12	Twilight_and_stray	48.000	14	58Alp Ori	0.87000	3000.0	96	40723	No
9	GOM_NL__2PRFIN20091214_002800_000000552085_00088_40723_6455.N1	14-DEC-2009 00:28:00	Twilight_and_stray	55.000	13	87Alp Tau	0.86700	3800.0	110	40723	No
10	GOM_NL__2PRFIN20091214_003025_000000432085_00088_40723_6456.N1	14-DEC-2009 00:30:25	Bright	43.000	176	23Zet Tau	3.0200	22000.	86	40723	No
11	GOM_NL__2PRFIN20091214_003227_000000442085_00088_40723_6457.N1	14-DEC-2009 00:32:27	Bright	43.500	28	12Bet Tau	1.6500	15200.	87	40723	No
12	GOM_NL__2PRFIN20091214_003443_000000282085_00088_40723_6458.N1	14-DEC-2009 00:34:43	Dark	27.500	149	45Eps Per	2.8880	30000.	55	40723	Yes
13	GOM_NL__2PRFIN20091214_003611_000000682085_00088_40723_6459.N1	14-DEC-2009 00:36:11	Bright	68.000	107	37The Aur	2.6490	11000.	136	40723	No
14	GOM_NL__2PRFIN20091214_003819_000000452085_00088_40723_6460.N1	14-DEC-2009 00:38:19	Bright	45.000	42	34Bet Aur	1.9000	10200.	90	40723	No
15	GOM_NL__2PRFIN20091214_005352_000000492085_00088_40723_6461.N1	14-DEC-2009 00:53:52	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	40723	No
16	GOM_NL__2PRFIN20091214_005756_000000452085_00088_40723_6462.N1	14-DEC-2009 00:57:56	Bright	44.500	32	77Eps UMa	1.7630	11000.	89	40723	No
17	GOM_NL__2PRFIN20091214_010026_000000382085_00088_40723_6463.N1	14-DEC-2009 01:00:26	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	40723	No
18	GOM_NL__2PRFIN20091214_010343_000000372085_00088_40723_6464.N1	14-DEC-2009 01:03:43	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	40723	No
19	GOM_NL__2PRFIN20091214_010653_000000362085_00088_40723_6465.N1	14-DEC-2009 01:06:53	Bright	36.000	83		2.3780	11000.	72	40723	No
20	GOM_NL__2PRFIN20091214_011009_000000392085_00088_40723_6466.N1	14-DEC-2009 01:10:09	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	40723	No
21	GOM_NL__2PRFIN20091214_011358_000000482085_00088_40723_6467.N1	14-DEC-2009 01:13:58	Bright	47.500	138	47Eps Vir	2.8280	4700.0	95	40723	No
22	GOM_NL__2PRFIN20091214_011954_000000532085_00088_40723_6468.N1	14-DEC-2009 01:19:54	Twilight_and_stray	52.500	15	67Alp Vir	0.97600	28000.	105	40723	No
23	GOM_NL__2PRFIN20091214_012538_000000552085_00088_40723_6469.N1	14-DEC-2009 01:25:38	Dark	54.500	100	4Gam Crv	2.5800	13100.	109	40723	No
24	GOM_NL__2PRFIN20091214_012713_000000562085_00088_40723_6470.N1	14-DEC-2009 01:27:13	Dark	55.500	171	2Eps Crv	3.0010	4250.0	111	40723	No
25	GOM_NL__2PRFIN20091214_013047_000000412085_00088_40723_6471.N1	14-DEC-2009 01:30:47	Dark	40.500	64	Gam Cen	2.2000	10600.	81	40723	No
26	GOM_NL__2PRFIN20091214_013223_000000462085_00089_40724_6453.N1	14-DEC-2009 01:32:23	Dark	46.000	99	Del Cen	2.5750	26000.	92	40724	No
27	GOM_NL__2PRFIN20091214_013608_000000452085_00089_40724_6454.N1	14-DEC-2009 01:36:08	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	40724	No
28	GOM_NL__2PRFIN20091214_014003_000000422085_00089_40724_6455.N1	14-DEC-2009 01:40:03	Dark	42.000	71	Iot Car	2.2460	7700.0	84	40724	No
29	GOM_NL__2PRFIN20091214_014440_000000522085_00089_40724_6456.N1	14-DEC-2009 01:44:40	Dark	52.000	34	Gam2Vel	1.7930	23000.	104	40724	No
30	GOM_NL__2PRFIN20091214_014657_000000462085_00089_40724_6457.N1	14-DEC-2009 01:46:57	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	40724	No
31	GOM_NL__2PRFIN20091214_014935_000000542085_00089_40724_6458.N1	14-DEC-2009 01:49:35	Dark	54.000	117	Pi Pup	2.7060	3800.0	108	40724	No
32	GOM_NL__2PRFIN20091214_015255_000000562085_00089_40724_6459.N1	14-DEC-2009 01:52:55	Straylight	56.000	23	21Eps CMa	1.5020	26000.	112	40724	No
33	GOM_NL__2PRFIN20091214_015737_000000522085_00089_40724_6460.N1	14-DEC-2009 01:57:37	Straylight	51.500	47	2Bet CMa	1.9760	28000.	103	40724	No
34	GOM_NL__2PRFIN20091214_020112_000000482085_00089_40724_6461.N1	14-DEC-2009 02:01:12	Straylight	47.500	7	19Bet Ori	0.10000	14000.	95	40724	No
35	GOM_NL__2PRFIN20091214_020332_000000492085_00089_40724_6462.N1	14-DEC-2009 02:03:32	Straylight	48.500	30	46Eps Ori	1.6940	30000.	97	40724	No
36	GOM_NL__2PRFIN20091214_020648_000000552085_00089_40724_6463.N1	14-DEC-2009 02:06:48	Twilight_and_stray	55.000	14	58Alp Ori	0.87000	3000.0	110	40724	No
37	GOM_NL__2PRFIN20091214_020836_000000482085_00089_40724_6464.N1	14-DEC-2009 02:08:36	Twilight_and_stray	47.500	13	87Alp Tau	0.86700	3800.0	95	40724	No
38	GOM_NL__2PRFIN20091214_021100_000000482085_00089_40724_6465.N1	14-DEC-2009 02:11:00	Bright	47.500	176	23Zet Tau	3.0200	22000.	95	40724	No
39	GOM_NL__2PRFIN20091214_021303_000000462085_00089_40724_6466.N1	14-DEC-2009 02:13:03	Bright	46.000	28	12Bet Tau	1.6500	15200.	92	40724	No
40	GOM_NL__2PRFIN20091214_021646_000000472085_00089_40724_6467.N1	14-DEC-2009 02:16:46	Bright	47.000	107	37The Aur	2.6490	11000.	94	40724	No
41	GOM_NL__2PRFIN20091214_021855_000000432085_00089_40724_6468.N1	14-DEC-2009 02:18:55	Bright	43.000	42	34Bet Aur	1.9000	10200.	86	40724	No
42	GOM_NL__2PRFIN20091214_023427_000000492085_00089_40724_6469.N1	14-DEC-2009 02:34:27	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	40724	No

43	GOM_NL__2PRFIN20091214_023832_000000502085_00089_40724_6470.N1	14-DEC-2009 02:38:32	Bright	50.000	32	77Eps UMa	1.7630	11000.	100	40724	No
44	GOM_NL__2PRFIN20091214_024102_000000572085_00089_40724_6471.N1	14-DEC-2009 02:41:02	Bright	57.000	39	85Eta UMa	1.8540	24000.	114	40724	No
45	GOM_NL__2PRFIN20091214_024419_000000352085_00089_40724_6472.N1	14-DEC-2009 02:44:19	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	40724	No
46	GOM_NL__2PRFIN20091214_024730_000000342085_00089_40724_6473.N1	14-DEC-2009 02:47:30	Bright	34.000	83		2.3780	11000.	68	40724	No
47	GOM_NL__2PRFIN20091214_025045_000000402085_00089_40724_6474.N1	14-DEC-2009 02:50:45	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	40724	No
48	GOM_NL__2PRFIN20091214_025434_000000502085_00089_40724_6475.N1	14-DEC-2009 02:54:34	Bright	50.000	138	47Eps Vir	2.8280	4700.0	100	40724	No
49	GOM_NL__2PRFIN20091214_030031_000000532085_00089_40724_6476.N1	14-DEC-2009 03:00:31	Twi_and_stray	52.500	15	67Alp Vir	0.97600	28000.	105	40724	No
50	GOM_NL__2PRFIN20091214_030400_000000462085_00089_40724_6477.N1	14-DEC-2009 03:04:00	Twilight	46.000	169	46Gam Hya	2.9910	4700.0	92	40724	No
51	GOM_NL__2PRFIN20091214_030615_000000522085_00089_40724_6478.N1	14-DEC-2009 03:06:15	Dark	52.000	100	4Gam Crv	2.5800	13100.	104	40724	No
52	GOM_NL__2PRFIN20091214_030751_000000572085_00089_40724_6479.N1	14-DEC-2009 03:07:51	Dark	56.500	171	2Eps Crv	3.0010	4250.0	113	40724	No
53	GOM_NL__2PRFIN20091214_031123_000000412085_00089_40724_6480.N1	14-DEC-2009 03:11:23	Dark	41.000	64	Gam Cen	2.2000	10600.	82	40724	No
54	GOM_NL__2PRFIN20091214_031300_000000402085_00090_40725_6462.N1	14-DEC-2009 03:13:00	Dark	40.000	99	Del Cen	2.5750	26000.	80	40725	No
55	GOM_NL__2PRFIN20091214_031645_000000442085_00090_40725_6463.N1	14-DEC-2009 03:16:45	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	40725	No
56	GOM_NL__2PRFIN20091214_032039_000000412085_00090_40725_6464.N1	14-DEC-2009 03:20:39	Dark	41.000	71	Iot Car	2.2460	7700.0	82	40725	No
57	GOM_NL__2PRFIN20091214_032517_000000502085_00090_40725_6465.N1	14-DEC-2009 03:25:17	Dark	50.000	34	Gam2Vel	1.7930	23000.	100	40725	No
58	GOM_NL__2PRFIN20091214_032733_000000452085_00090_40725_6466.N1	14-DEC-2009 03:27:33	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	40725	No
59	GOM_NL__2PRFIN20091214_033012_000000562085_00090_40725_6467.N1	14-DEC-2009 03:30:12	Dark	55.500	117	Pi Pup	2.7060	3800.0	111	40725	No
60	GOM_NL__2PRFIN20091214_033331_000000562085_00090_40725_6468.N1	14-DEC-2009 03:33:31	Straylight	55.500	23	21Eps CMa	1.5020	26000.	111	40725	No
61	GOM_NL__2PRFIN20091214_033813_000000532085_00090_40725_6469.N1	14-DEC-2009 03:38:13	Straylight	52.500	47	2Bet CMa	1.9760	28000.	105	40725	No
62	GOM_NL__2PRFIN20091214_034148_000000482085_00090_40725_6470.N1	14-DEC-2009 03:41:48	Straylight	47.500	7	19Bet Ori	0.10000	14000.	95	40725	No
63	GOM_NL__2PRFIN20091214_034408_000000502085_00090_40725_6471.N1	14-DEC-2009 03:44:08	Straylight	49.500	30	46Eps Ori	1.6940	30000.	99	40725	No
64	GOM_NL__2PRFIN20091214_034724_000000552085_00090_40725_6472.N1	14-DEC-2009 03:47:24	Twi_and_stray	55.000	14	58Alp Ori	0.87000	3000.0	110	40725	No
65	GOM_NL__2PRFIN20091214_034912_000000482085_00090_40725_6473.N1	14-DEC-2009 03:49:12	Twi_and_stray	48.000	13	87Alp Tau	0.86700	3800.0	96	40725	No
66	GOM_NL__2PRFIN20091214_035136_000000452085_00090_40725_6474.N1	14-DEC-2009 03:51:36	Bright	45.000	176	23Zet Tau	3.0200	22000.	90	40725	No
67	GOM_NL__2PRFIN20091214_035338_000000452085_00090_40725_6475.N1	14-DEC-2009 03:53:38	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	40725	No
68	GOM_NL__2PRFIN20091214_035721_000000442085_00090_40725_6476.N1	14-DEC-2009 03:57:21	Bright	44.000	107	37The Aur	2.6490	11000.	88	40725	No
69	GOM_NL__2PRFIN20091214_035930_000000452085_00090_40725_6477.N1	14-DEC-2009 03:59:30	Bright	44.500	42	34Bet Aur	1.9000	10200.	89	40725	No
70	GOM_NL__2PRFIN20091214_041502_000000482085_00090_40725_6478.N1	14-DEC-2009 04:15:02	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	40725	No
71	GOM_NL__2PRFIN20091214_041908_000000412085_00090_40725_6479.N1	14-DEC-2009 04:19:08	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	40725	No
72	GOM_NL__2PRFIN20091214_042138_000000412085_00090_40725_6480.N1	14-DEC-2009 04:21:38	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	40725	No
73	GOM_NL__2PRFIN20091214_042455_000000352085_00090_40725_6481.N1	14-DEC-2009 04:24:55	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	40725	No
74	GOM_NL__2PRFIN20091214_042806_000000352085_00090_40725_6482.N1	14-DEC-2009 04:28:06	Bright	35.000	83		2.3780	11000.	70	40725	No
75	GOM_NL__2PRFIN20091214_043121_000000592085_00090_40725_6483.N1	14-DEC-2009 04:31:21	Bright	59.000	111	8Eta Boo	2.6800	6000.0	118	40725	No
76	GOM_NL__2PRFIN20091214_043511_000000522085_00090_40725_6484.N1	14-DEC-2009 04:35:11	Bright	52.000	138	47Eps Vir	2.8280	4700.0	104	40725	No
77	GOM_NL__2PRFIN20091214_044108_000000512085_00090_40725_6485.N1	14-DEC-2009 04:41:08	Twi_and_stray	50.500	15	67Alp Vir	0.97600	28000.	101	40725	No
78	GOM_NL__2PRFIN20091214_044437_000000472085_00090_40725_6486.N1	14-DEC-2009 04:44:37	Twilight	47.000	169	46Gam Hya	2.9910	4700.0	94	40725	No
79	GOM_NL__2PRFIN20091214_044652_000000522085_00090_40725_6487.N1	14-DEC-2009 04:46:52	Dark	52.000	100	4Gam Crv	2.5800	13100.	104	40725	No
80	GOM_NL__2PRFIN20091214_044828_000000552085_00090_40725_6488.N1	14-DEC-2009 04:48:28	Dark	54.500	171	2Eps Crv	3.0010	4250.0	109	40725	No
81	GOM_NL__2PRFIN20091214_045200_000000482085_00090_40725_6489.N1	14-DEC-2009 04:52:00	Dark	48.000	64	Gam Cen	2.2000	10600.	96	40725	No
82	GOM_NL__2PRFIN20091214_045336_000000402085_00091_40726_6492.N1	14-DEC-2009 04:53:36	Dark	39.500	99	Del Cen	2.5750	26000.	79	40726	No
83	GOM_NL__2PRFIN20091214_045722_000000442085_00091_40726_6493.N1	14-DEC-2009 04:57:22	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	40726	No
84	GOM_NL__2PRFIN20091214_050116_000000412085_00091_40726_6494.N1	14-DEC-2009 05:01:16	Dark	41.000	71	Iot Car	2.2460	7700.0	82	40726	No
85	GOM_NL__2PRFIN20091214_050553_000000502085_00091_40726_6495.N1	14-DEC-2009 05:05:53	Dark	50.000	34	Gam2Vel	1.7930	23000.	100	40726	No
86	GOM_NL__2PRFIN20091214_050809_000000462085_00091_40726_6496.N1	14-DEC-2009 05:08:09	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	40726	No
87	GOM_NL__2PRFIN20091214_051048_000000542085_00091_40726_6497.N1	14-DEC-2009 05:10:48	Dark	54.000	117	Pi Pup	2.7060	3800.0	108	40726	No
88	GOM_NL__2PRFIN20091214_051408_000000562085_00091_40726_6498.N1	14-DEC-2009 05:14:08	Straylight	55.500	23	21Eps CMa	1.5020	26000.	111	40726	No
89	GOM_NL__2PRFIN20091214_051849_000000542085_00091_40726_6499.N1	14-DEC-2009 05:18:49	Straylight	54.000	47	2Bet CMa	1.9760	28000.	108	40726	No
90	GOM_NL__2PRFIN20091214_052224_000000492085_00091_40726_6500.N1	14-DEC-2009 05:22:24	Straylight	48.500	7	19Bet Ori	0.10000	14000.	97	40726	No
91	GOM_NL__2PRFIN20091214_052444_000000492085_00091_40726_6501.N1	14-DEC-2009 05:24:44	Straylight	48.500	30	46Eps Ori	1.6940	30000.	97	40726	No
92	GOM_NL__2PRFIN20091214_052759_000000612085_00091_40726_6502.N1	14-DEC-2009 05:27:59	Twi_and_stray	61.000	14	58Alp Ori	0.87000	3000.0	122	40726	No
93	GOM_NL__2PRFIN20091214_052948_000000502085_00091_40726_6503.N1	14-DEC-2009 05:29:48	Twi_and_stray	49.500	13	87Alp Tau	0.86700	3800.0	99	40726	No
94	GOM_NL__2PRFIN20091214_053211_000000442085_00091_40726_6504.N1	14-DEC-2009 05:32:11	Bright	44.000	176	23Zet Tau	3.0200	22000.	88	40726	No
95	GOM_NL__2PRFIN20091214_053414_000000442085_00091_40726_6505.N1	14-DEC-2009 05:34:14	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	40726	No
96	GOM_NL__2PRFIN20091214_053757_000000462085_00091_40726_6506.N1	14-DEC-2009 05:37:57	Bright	46.000	107	37The Aur	2.6490	11000.	92	40726	No
97	GOM_NL__2PRFIN20091214_054006_000000432085_00091_40726_6507.N1	14-DEC-2009 05:40:06	Bright	43.000	42	34Bet Aur	1.9000	10200.	86	40726	No
98	GOM_NL__2PRFIN20091214_055538_000000492085_00091_40726_6508.N1	14-DEC-2009 05:55:38	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	40726	No
99	GOM_NL__2PRFIN20091214_055943_000000402085_00091_40726_6509.N1	14-DEC-2009 05:59:43	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	40726	No
100	GOM_NL__2PRFIN20091214_060214_000000572085_00091_40726_6510.N1	14-DEC-2009 06:02:14	Bright	57.000	39	85Eta UMa	1.8540	24000.	114	40726	No
101	GOM_NL__2PRFIN20091214_060531_000000372085_00091_40726_6511.N1	14-DEC-2009 06:05:31	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	40726	No

102	GOM_NL__2PRFIN20091214_060842_000000532085_00091_40726_6512.N1	14-DEC-2009 06:08:42	Bright	53.000	83		2.3780	11000.	106	40726	No
103	GOM_NL__2PRFIN20091214_061158_000000592085_00091_40726_6513.N1	14-DEC-2009 06:11:58	Bright	59.000	111	8Eta Boo	2.6800	6000.0	118	40726	No
104	GOM_NL__2PRFIN20091214_061548_000000712085_00091_40726_6514.N1	14-DEC-2009 06:15:48	Bright	71.000	138	47Eps Vir	2.8280	4700.0	142	40726	No
105	GOM_NL__2PRFIN20091214_062144_000000512085_00091_40726_6515.N1	14-DEC-2009 06:21:44	Twilight	51.000	15	67Alp Vir	0.97600	28000.	102	40726	No
106	GOM_NL__2PRFIN20091214_062514_000000502085_00091_40726_6516.N1	14-DEC-2009 06:25:14	Twilight	49.500	169	46Gam Hya	2.9910	4700.0	99	40726	No
107	GOM_NL__2PRFIN20091214_062730_000000452085_00091_40726_6517.N1	14-DEC-2009 06:27:30	Dark	45.000	100	4Gam Crv	2.5800	13100.	90	40726	No
108	GOM_NL__2PRFIN20091214_062905_000000582085_00091_40726_6518.N1	14-DEC-2009 06:29:05	Dark	57.500	171	2Eps Crv	3.0010	4250.0	115	40726	No
109	GOM_NL__2PRFIN20091214_063759_000000452085_00092_40727_6508.N1	14-DEC-2009 06:37:59	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	40727	No
110	GOM_NL__2PRFIN20091214_064153_000000422085_00092_40727_6509.N1	14-DEC-2009 06:41:53	Dark	41.500	71	lot Car	2.2460	7700.0	83	40727	No
111	GOM_NL__2PRFIN20091214_064630_000000492085_00092_40727_6510.N1	14-DEC-2009 06:46:30	Dark	49.000	34	Gam2Vel	1.7930	23000.	98	40727	No
112	GOM_NL__2PRFIN20091214_064846_000000462085_00092_40727_6511.N1	14-DEC-2009 06:48:46	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	40727	No
113	GOM_NL__2PRFIN20091214_065125_000000532085_00092_40727_6512.N1	14-DEC-2009 06:51:25	Dark	52.500	117	Pi Pup	2.7060	3800.0	105	40727	No
114	GOM_NL__2PRFIN20091214_065444_000000542085_00092_40727_6513.N1	14-DEC-2009 06:54:44	Straylight	53.500	23	21Eps CMa	1.5020	26000.	107	40727	No
115	GOM_NL__2PRFIN20091214_065925_000000532085_00092_40727_6514.N1	14-DEC-2009 06:59:25	Straylight	52.500	47	2Bet CMa	1.9760	28000.	105	40727	No
116	GOM_NL__2PRFIN20091214_070300_000000572085_00092_40727_6515.N1	14-DEC-2009 07:03:00	Straylight	56.500	7	19Bet Ori	0.10000	14000.	113	40727	No
117	GOM_NL__2PRFIN20091214_070519_000000482085_00092_40727_6516.N1	14-DEC-2009 07:05:19	Straylight	48.000	30	46Eps Ori	1.6940	30000.	96	40727	No
118	GOM_NL__2PRFIN20091214_070835_000000612085_00092_40727_6517.N1	14-DEC-2009 07:08:35	Twilight	61.000	14	58Alp Ori	0.87000	3000.0	122	40727	No
119	GOM_NL__2PRFIN20091214_071024_000000492085_00092_40727_6518.N1	14-DEC-2009 07:10:24	Twilight	49.000	13	87Alp Tau	0.86700	3800.0	98	40727	No
120	GOM_NL__2PRFIN20091214_071247_000000462085_00092_40727_6519.N1	14-DEC-2009 07:12:47	Bright	45.500	176	23Zet Tau	3.0200	22000.	91	40727	No
121	GOM_NL__2PRFIN20091214_071450_000000462085_00092_40727_6520.N1	14-DEC-2009 07:14:50	Bright	46.000	28	12Bet Tau	1.6500	15200.	92	40727	No
122	GOM_NL__2PRFIN20091214_071832_000000462085_00092_40727_6521.N1	14-DEC-2009 07:18:32	Bright	46.000	107	37The Aur	2.6490	11000.	92	40727	No
123	GOM_NL__2PRFIN20091214_072041_000000462085_00092_40727_6522.N1	14-DEC-2009 07:20:41	Bright	46.000	42	34Bet Aur	1.9000	10200.	92	40727	No
124	GOM_NL__2PRFIN20091214_073614_000000492085_00092_40727_6523.N1	14-DEC-2009 07:36:14	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	40727	No
125	GOM_NL__2PRFIN20091214_074019_000000612085_00092_40727_6524.N1	14-DEC-2009 07:40:19	Bright	61.000	32	77Eps UMa	1.7630	11000.	122	40727	No
126	GOM_NL__2PRFIN20091214_074250_000000372085_00092_40727_6525.N1	14-DEC-2009 07:42:50	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	40727	No
127	GOM_NL__2PRFIN20091214_074607_000000352085_00092_40727_6526.N1	14-DEC-2009 07:46:07	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	40727	No
128	GOM_NL__2PRFIN20091214_074918_000000352085_00092_40727_6527.N1	14-DEC-2009 07:49:18	Bright	35.000	83		2.3780	11000.	70	40727	No
129	GOM_NL__2PRFIN20091214_075234_000000392085_00092_40727_6528.N1	14-DEC-2009 07:52:34	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	40727	No
130	GOM_NL__2PRFIN20091214_075624_000000712085_00092_40727_6529.N1	14-DEC-2009 07:56:24	Bright	71.000	138	47Eps Vir	2.8280	4700.0	142	40727	No
131	GOM_NL__2PRFIN20091214_080221_000000532085_00092_40727_6530.N1	14-DEC-2009 08:02:21	Twilight	52.500	15	67Alp Vir	0.97600	28000.	105	40727	No
132	GOM_NL__2PRFIN20091214_080550_000000452085_00092_40727_6531.N1	14-DEC-2009 08:05:50	Twilight	45.000	169	46Gam Hya	2.9910	4700.0	90	40727	No
133	GOM_NL__2PRFIN20091214_080807_000000452085_00092_40727_6532.N1	14-DEC-2009 08:08:07	Dark	45.000	100	4Gam Crv	2.5800	13100.	90	40727	No
134	GOM_NL__2PRFIN20091214_080942_000000572085_00092_40727_6533.N1	14-DEC-2009 08:09:42	Dark	56.500	171	2Eps Crv	3.0010	4250.0	113	40727	No
135	GOM_NL__2PRFIN20091214_081835_000000452085_00093_40728_6542.N1	14-DEC-2009 08:18:35	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	40728	No
136	GOM_NL__2PRFIN20091214_082229_000000422085_00093_40728_6543.N1	14-DEC-2009 08:22:29	Dark	42.000	71	lot Car	2.2460	7700.0	84	40728	No
137	GOM_NL__2PRFIN20091214_082707_000000462085_00093_40728_6544.N1	14-DEC-2009 08:27:07	Dark	45.500	34	Gam2Vel	1.7930	23000.	91	40728	No
138	GOM_NL__2PRFIN20091214_082922_000000462085_00093_40728_6545.N1	14-DEC-2009 08:29:22	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	40728	No
139	GOM_NL__2PRFIN20091214_083202_000000572085_00093_40728_6546.N1	14-DEC-2009 08:32:02	Dark	57.000	117	Pi Pup	2.7060	3800.0	114	40728	No
140	GOM_NL__2PRFIN20091214_083521_000000552085_00093_40728_6547.N1	14-DEC-2009 08:35:21	Straylight	55.000	23	21Eps CMa	1.5020	26000.	110	40728	No
141	GOM_NL__2PRFIN20091214_084001_000000512085_00093_40728_6548.N1	14-DEC-2009 08:40:01	Straylight	50.500	47	2Bet CMa	1.9760	28000.	101	40728	No
142	GOM_NL__2PRFIN20091214_084336_000000492085_00093_40728_6549.N1	14-DEC-2009 08:43:36	Straylight	49.000	7	19Bet Ori	0.10000	14000.	98	40728	No
143	GOM_NL__2PRFIN20091214_084555_000000492085_00093_40728_6550.N1	14-DEC-2009 08:45:55	Straylight	48.500	30	46Eps Ori	1.6940	30000.	97	40728	No
144	GOM_NL__2PRFIN20091214_084910_000000622085_00093_40728_6551.N1	14-DEC-2009 08:49:10	Twilight	61.500	14	58Alp Ori	0.87000	3000.0	123	40728	No
145	GOM_NL__2PRFIN20091214_085059_000000482085_00093_40728_6552.N1	14-DEC-2009 08:50:59	Twilight	47.500	13	87Alp Tau	0.86700	3800.0	95	40728	No
146	GOM_NL__2PRFIN20091214_085322_000000452085_00093_40728_6553.N1	14-DEC-2009 08:53:22	Bright	44.500	176	23Zet Tau	3.0200	22000.	89	40728	No
147	GOM_NL__2PRFIN20091214_085525_000000452085_00093_40728_6554.N1	14-DEC-2009 08:55:25	Bright	44.500	28	12Bet Tau	1.6500	15200.	89	40728	No
148	GOM_NL__2PRFIN20091214_085907_000000462085_00093_40728_6555.N1	14-DEC-2009 08:59:07	Bright	46.000	107	37The Aur	2.6490	11000.	92	40728	No
149	GOM_NL__2PRFIN20091214_090116_000000442085_00093_40728_6556.N1	14-DEC-2009 09:01:16	Bright	44.000	42	34Bet Aur	1.9000	10200.	88	40728	No
150	GOM_NL__2PRFIN20091214_091649_000000492085_00093_40728_6557.N1	14-DEC-2009 09:16:49	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	40728	No
151	GOM_NL__2PRFIN20091214_092055_000000612085_00093_40728_6558.N1	14-DEC-2009 09:20:55	Bright	61.000	32	77Eps UMa	1.7630	11000.	122	40728	No
152	GOM_NL__2PRFIN20091214_092326_000000382085_00093_40728_6559.N1	14-DEC-2009 09:23:26	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	40728	No
153	GOM_NL__2PRFIN20091214_092643_000000352085_00093_40728_6560.N1	14-DEC-2009 09:26:43	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	40728	No
154	GOM_NL__2PRFIN20091214_092954_000000532085_00093_40728_6561.N1	14-DEC-2009 09:29:54	Bright	53.000	83		2.3780	11000.	106	40728	No
155	GOM_NL__2PRFIN20091214_093311_000000432085_00093_40728_6562.N1	14-DEC-2009 09:33:11	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	40728	No
156	GOM_NL__2PRFIN20091214_093701_000000712085_00093_40728_6563.N1	14-DEC-2009 09:37:01	Bright	71.000	138	47Eps Vir	2.8280	4700.0	142	40728	No
157	GOM_NL__2PRFIN20091214_094257_000000442085_00093_40728_6564.N1	14-DEC-2009 09:42:57	Twilight	44.000	15	67Alp Vir	0.97600	28000.	88	40728	No
158	GOM_NL__2PRFIN20091214_094627_000000442085_00093_40728_6565.N1	14-DEC-2009 09:46:27	Twilight	44.000	169	46Gam Hya	2.9910	4700.0	88	40728	No
159	GOM_NL__2PRFIN20091214_094844_000000392085_00093_40728_6566.N1	14-DEC-2009 09:48:44	Dark	39.000	100	4Gam Crv	2.5800	13100.	78	40728	No
160	GOM_NL__2PRFIN20091214_095019_000000542085_00093_40728_6567.N1	14-DEC-2009 09:50:19	Dark	54.000	171	2Eps Crv	3.0010	4250.0	108	40728	No

161	GOM_NL__2PRFIN20091214_095350_000000432085_00093_40728_6568.N1	14-DEC-2009 09:53:50	Dark	43.000	64	Gam Cen	2.2000	10600.	86	40728	No
162	GOM_NL__2PRFIN20091214_095526_000000402085_00094_40729_6573.N1	14-DEC-2009 09:55:26	Dark	39.500	99	Del Cen	2.5750	26000.	79	40729	No
163	GOM_NL__2PRFIN20091214_095912_000000452085_00094_40729_6574.N1	14-DEC-2009 09:59:12	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	40729	No
164	GOM_NL__2PRFIN20091214_100306_000000402085_00094_40729_6575.N1	14-DEC-2009 10:03:06	Dark	40.000	71	Iot Car	2.2460	7700.0	80	40729	No
165	GOM_NL__2PRFIN20091214_100744_000000512085_00094_40729_6576.N1	14-DEC-2009 10:07:44	Dark	50.500	34	Gam2Vel	1.7930	23000.	101	40729	No
166	GOM_NL__2PRFIN20091214_100959_000000482085_00094_40729_6577.N1	14-DEC-2009 10:09:59	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	40729	No
167	GOM_NL__2PRFIN20091214_101238_000000542085_00094_40729_6578.N1	14-DEC-2009 10:12:38	Dark	54.000	117	Pi Pup	2.7060	3800.0	108	40729	No
168	GOM_NL__2PRFIN20091214_101557_000000542085_00094_40729_6579.N1	14-DEC-2009 10:15:57	Straylight	54.000	23	21Eps CMa	1.5020	26000.	108	40729	No
169	GOM_NL__2PRFIN20091214_102037_000000542085_00094_40729_6580.N1	14-DEC-2009 10:20:37	Straylight	53.500	47	2Bet CMa	1.9760	28000.	107	40729	No
170	GOM_NL__2PRFIN20091214_102412_000000502085_00094_40729_6581.N1	14-DEC-2009 10:24:12	Straylight	49.500	7	19Bet Ori	0.10000	14000.	99	40729	No
171	GOM_NL__2PRFIN20091214_102631_000000462085_00094_40729_6582.N1	14-DEC-2009 10:26:31	Straylight	46.000	30	46Eps Ori	1.6940	30000.	92	40729	No
172	GOM_NL__2PRFIN20091214_102946_000000582085_00094_40729_6583.N1	14-DEC-2009 10:29:46	Tw_i_and_stray	57.500	14	58Alp Ori	0.87000	3000.0	115	40729	No
173	GOM_NL__2PRFIN20091214_103135_000000482085_00094_40729_6584.N1	14-DEC-2009 10:31:35	Tw_i_and_stray	48.000	13	87Alp Tau	0.86700	3800.0	96	40729	No
174	GOM_NL__2PRFIN20091214_103358_000000442085_00094_40729_6585.N1	14-DEC-2009 10:33:58	Bright	44.000	176	23Zet Tau	3.0200	22000.	88	40729	No
175	GOM_NL__2PRFIN20091214_103601_000000442085_00094_40729_6586.N1	14-DEC-2009 10:36:01	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	40729	No
176	GOM_NL__2PRFIN20091214_103943_000000452085_00094_40729_6587.N1	14-DEC-2009 10:39:43	Bright	45.000	107	37The Aur	2.6490	11000.	90	40729	No
177	GOM_NL__2PRFIN20091214_104151_000000652085_00094_40729_6588.N1	14-DEC-2009 10:41:51	Bright	65.000	42	34Bet Aur	1.9000	10200.	130	40729	No
178	GOM_NL__2PRFIN20091214_105724_000000502085_00094_40729_6589.N1	14-DEC-2009 10:57:24	Bright	50.000	36	50Alp UMa	1.8000	6300.0	100	40729	No
179	GOM_NL__2PRFIN20091214_110131_000000442085_00094_40729_6590.N1	14-DEC-2009 11:01:31	Bright	43.500	32	77Eps UMa	1.7630	11000.	87	40729	No
180	GOM_NL__2PRFIN20091214_110402_000000572085_00094_40729_6591.N1	14-DEC-2009 11:04:02	Bright	57.000	39	85Eta UMa	1.8540	24000.	114	40729	No
181	GOM_NL__2PRFIN20091214_110719_000000542085_00094_40729_6592.N1	14-DEC-2009 11:07:19	Bright	54.000	180	27Gam Boo	3.0400	8000.0	108	40729	No
182	GOM_NL__2PRFIN20091214_111030_000000342085_00094_40729_6593.N1	14-DEC-2009 11:10:30	Bright	34.000	83		2.3780	11000.	68	40729	No
183	GOM_NL__2PRFIN20091214_111347_000000592085_00094_40729_6594.N1	14-DEC-2009 11:13:47	Bright	59.000	111	8Eta Boo	2.6800	6000.0	118	40729	No
184	GOM_NL__2PRFIN20091214_111738_000000502085_00094_40729_6595.N1	14-DEC-2009 11:17:38	Bright	50.000	138	47Eps Vir	2.8280	4700.0	100	40729	No
185	GOM_NL__2PRFIN20091214_112334_000000512085_00094_40729_6596.N1	14-DEC-2009 11:23:34	Tw_i_and_stray	50.500	15	67Alp Vir	0.97600	28000.	101	40729	No
186	GOM_NL__2PRFIN20091214_112704_000000452085_00094_40729_6597.N1	14-DEC-2009 11:27:04	Twilight	45.000	169	46Gam Hya	2.9910	4700.0	90	40729	No
187	GOM_NL__2PRFIN20091214_112921_000000392085_00094_40729_6598.N1	14-DEC-2009 11:29:21	Dark	39.000	100	4Gam Crv	2.5800	13100.	78	40729	No
188	GOM_NL__2PRFIN20091214_113057_000000542085_00094_40729_6599.N1	14-DEC-2009 11:30:57	Dark	53.500	171	2Eps Crv	3.0010	4250.0	107	40729	No
189	GOM_NL__2PRFIN20091214_113426_000000392085_00094_40729_6600.N1	14-DEC-2009 11:34:26	Dark	38.500	64	Gam Cen	2.2000	10600.	77	40729	No
190	GOM_NL__2PRFIN20091214_113603_000000412085_00095_40730_6587.N1	14-DEC-2009 11:36:03	Dark	40.500	99	Del Cen	2.5750	26000.	81	40730	No
191	GOM_NL__2PRFIN20091214_113949_000000442085_00095_40730_6588.N1	14-DEC-2009 11:39:49	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	40730	No
192	GOM_NL__2PRFIN20091214_114342_000000432085_00095_40730_6589.N1	14-DEC-2009 11:43:42	Dark	43.000	71	Iot Car	2.2460	7700.0	86	40730	No
193	GOM_NL__2PRFIN20091214_114820_000000492085_00095_40730_6590.N1	14-DEC-2009 11:48:20	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	40730	No
194	GOM_NL__2PRFIN20091214_115035_000000452085_00095_40730_6591.N1	14-DEC-2009 11:50:35	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	40730	No
195	GOM_NL__2PRFIN20091214_115315_000000522085_00095_40730_6592.N1	14-DEC-2009 11:53:15	Dark	51.500	117	Pi Pup	2.7060	3800.0	103	40730	No
196	GOM_NL__2PRFIN20091214_115633_000000542085_00095_40730_6593.N1	14-DEC-2009 11:56:33	Straylight	53.500	23	21Eps CMa	1.5020	26000.	107	40730	No
197	GOM_NL__2PRFIN20091214_120113_000000542085_00095_40730_6594.N1	14-DEC-2009 12:01:13	Straylight	54.000	47	2Bet CMa	1.9760	28000.	108	40730	No
198	GOM_NL__2PRFIN20091214_120448_000000512085_00095_40730_6595.N1	14-DEC-2009 12:04:48	Straylight	51.000	7	19Bet Ori	0.10000	14000.	102	40730	No
199	GOM_NL__2PRFIN20091214_120707_000000492085_00095_40730_6596.N1	14-DEC-2009 12:07:07	Straylight	48.500	30	46Eps Ori	1.6940	30000.	97	40730	No
200	GOM_NL__2PRFIN20091214_121021_000000612085_00095_40730_6597.N1	14-DEC-2009 12:10:21	Tw_i_and_stray	60.500	14	58Alp Ori	0.87000	3000.0	121	40730	No
201	GOM_NL__2PRFIN20091214_121211_000000462085_00095_40730_6598.N1	14-DEC-2009 12:12:11	Tw_i_and_stray	45.500	13	87Alp Tau	0.86700	3800.0	91	40730	No
202	GOM_NL__2PRFIN20091214_121433_000000452085_00095_40730_6599.N1	14-DEC-2009 12:14:33	Bright	44.500	176	23Zet Tau	3.0200	22000.	89	40730	No
203	GOM_NL__2PRFIN20091214_121636_000000422085_00095_40730_6600.N1	14-DEC-2009 12:16:36	Bright	42.000	28	12Bet Tau	1.6500	15200.	84	40730	No
204	GOM_NL__2PRFIN20091214_122018_000000462085_00095_40730_6601.N1	14-DEC-2009 12:20:18	Bright	45.500	107	37The Aur	2.6490	11000.	91	40730	No
205	GOM_NL__2PRFIN20091214_122227_000000452085_00095_40730_6602.N1	14-DEC-2009 12:22:27	Bright	44.500	42	34Bet Aur	1.9000	10200.	89	40730	No
206	GOM_NL__2PRFIN20091214_123800_000000502085_00095_40730_6603.N1	14-DEC-2009 12:38:00	Bright	50.000	36	50Alp UMa	1.8000	6300.0	100	40730	No
207	GOM_NL__2PRFIN20091214_124206_000000472085_00095_40730_6604.N1	14-DEC-2009 12:42:06	Bright	46.500	32	77Eps UMa	1.7630	11000.	93	40730	No
208	GOM_NL__2PRFIN20091214_124438_000000412085_00095_40730_6605.N1	14-DEC-2009 12:44:38	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	40730	No
209	GOM_NL__2PRFIN20091214_124755_000000542085_00095_40730_6606.N1	14-DEC-2009 12:47:55	Bright	54.000	180	27Gam Boo	3.0400	8000.0	108	40730	No
210	GOM_NL__2PRFIN20091214_125106_000000532085_00095_40730_6607.N1	14-DEC-2009 12:51:06	Bright	53.000	83		2.3780	11000.	106	40730	No
211	GOM_NL__2PRFIN20091214_125423_000000592085_00095_40730_6608.N1	14-DEC-2009 12:54:23	Bright	59.000	111	8Eta Boo	2.6800	6000.0	118	40730	No
212	GOM_NL__2PRFIN20091214_125814_000000522085_00095_40730_6609.N1	14-DEC-2009 12:58:14	Bright	51.500	138	47Eps Vir	2.8280	4700.0	103	40730	No
213	GOM_NL__2PRFIN20091214_130411_000000482085_00095_40730_6610.N1	14-DEC-2009 13:04:11	Tw_i_and_stray	48.000	15	67Alp Vir	0.97600	28000.	96	40730	No
214	GOM_NL__2PRFIN20091214_130740_000000482085_00095_40730_6611.N1	14-DEC-2009 13:07:40	Twilight	47.500	169	46Gam Hya	2.9910	4700.0	95	40730	No
215	GOM_NL__2PRFIN20091214_130958_000000322085_00095_40730_6612.N1	14-DEC-2009 13:09:58	Dark	32.000	100	4Gam Crv	2.5800	13100.	64	40730	No
216	GOM_NL__2PRFIN20091214_131134_000000602085_00095_40730_6613.N1	14-DEC-2009 13:11:34	Dark	59.500	171	2Eps Crv	3.0010	4250.0	119	40730	No
217	GOM_NL__2PRFIN20091214_131503_000000412085_00095_40730_6614.N1	14-DEC-2009 13:15:03	Dark	40.500	64	Gam Cen	2.2000	10600.	81	40730	No
218	GOM_NL__2PRFIN20091214_131639_000000402085_00096_40731_6622.N1	14-DEC-2009 13:16:39	Dark	40.000	99	Del Cen	2.5750	26000.	80	40731	No
219	GOM_NL__2PRFIN20091214_132026_000000452085_00096_40731_6623.N1	14-DEC-2009 13:20:26	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	40731	No

220	GOM_NL__2PRFIN20091214_132419_000000462085_00096_40731_6624.N1	14-DEC-2009 13:24:19	Dark	46.000	71	Iot Car	2.2460	7700.0	92	40731	No
221	GOM_NL__2PRFIN20091214_132857_000000462085_00096_40731_6625.N1	14-DEC-2009 13:28:57	Dark	45.500	34	Gam2Vel	1.7930	23000.	91	40731	No
222	GOM_NL__2PRFIN20091214_133111_000000482085_00096_40731_6626.N1	14-DEC-2009 13:31:11	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	40731	No
223	GOM_NL__2PRFIN20091214_133351_000000542085_00096_40731_6627.N1	14-DEC-2009 13:33:51	Dark	54.000	117	Pi Pup	2.7060	3800.0	108	40731	No
224	GOM_NL__2PRFIN20091214_133709_000000542085_00096_40731_6628.N1	14-DEC-2009 13:37:09	Straylight	53.500	23	21Eps CMa	1.5020	26000.	107	40731	No
225	GOM_NL__2PRFIN20091214_134149_000000552085_00096_40731_6629.N1	14-DEC-2009 13:41:49	Straylight	54.500	47	2Bet CMa	1.9760	28000.	109	40731	No
226	GOM_NL__2PRFIN20091214_134524_000000552085_00096_40731_6630.N1	14-DEC-2009 13:45:24	Straylight	55.000	7	19Bet Ori	0.10000	14000.	110	40731	No
227	GOM_NL__2PRFIN20091214_134742_000000472085_00096_40731_6631.N1	14-DEC-2009 13:47:42	Straylight	46.500	30	46Eps Ori	1.6940	30000.	93	40731	No
228	GOM_NL__2PRFIN20091214_135057_000000632085_00096_40731_6632.N1	14-DEC-2009 13:50:57	Twilight	63.000	14	58Alp Ori	0.87000	3000.0	126	40731	No
229	GOM_NL__2PRFIN20091214_135247_000000472085_00096_40731_6633.N1	14-DEC-2009 13:52:47	Twilight	46.500	13	87Alp Tau	0.86700	3800.0	93	40731	No
230	GOM_NL__2PRFIN20091214_135509_000000442085_00096_40731_6634.N1	14-DEC-2009 13:55:09	Bright	43.500	176	23Zet Tau	3.0200	22000.	87	40731	No
231	GOM_NL__2PRFIN20091214_135711_000000452085_00096_40731_6635.N1	14-DEC-2009 13:57:11	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	40731	No
232	GOM_NL__2PRFIN20091214_140053_000000462085_00096_40731_6636.N1	14-DEC-2009 14:00:53	Bright	45.500	107	37The Aur	2.6490	11000.	91	40731	No
233	GOM_NL__2PRFIN20091214_140302_000000442085_00096_40731_6637.N1	14-DEC-2009 14:03:02	Bright	43.500	42	34Bet Aur	1.9000	10200.	87	40731	No
234	GOM_NL__2PRFIN20091214_141835_000000492085_00096_40731_6638.N1	14-DEC-2009 14:18:35	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	40731	No
235	GOM_NL__2PRFIN20091214_142242_000000432085_00096_40731_6639.N1	14-DEC-2009 14:22:42	Bright	42.500	32	77Eps UMa	1.7630	11000.	85	40731	No
236	GOM_NL__2PRFIN20091214_142514_000000562085_00096_40731_6640.N1	14-DEC-2009 14:25:14	Bright	55.500	39	85Eta UMa	1.8540	24000.	111	40731	No
237	GOM_NL__2PRFIN20091214_142831_000000542085_00096_40731_6641.N1	14-DEC-2009 14:28:31	Bright	54.000	180	27Gam Boo	3.0400	8000.0	108	40731	No
238	GOM_NL__2PRFIN20091214_143142_000000362085_00096_40731_6642.N1	14-DEC-2009 14:31:42	Bright	36.000	83		2.3780	11000.	72	40731	No
239	GOM_NL__2PRFIN20091214_143459_000000522085_00096_40731_6643.N1	14-DEC-2009 14:34:59	Bright	51.500	111	8Eta Boo	2.6800	6000.0	103	40731	No
240	GOM_NL__2PRFIN20091214_143850_000000722085_00096_40731_6644.N1	14-DEC-2009 14:38:50	Bright	72.000	138	47Eps Vir	2.8280	4700.0	144	40731	No
241	GOM_NL__2PRFIN20091214_144447_000000502085_00096_40731_6645.N1	14-DEC-2009 14:44:47	Twilight	50.000	15	67Alp Vir	0.97600	28000.	100	40731	No
242	GOM_NL__2PRFIN20091214_144817_000000462085_00096_40731_6646.N1	14-DEC-2009 14:48:17	Twilight	46.000	169	46Gam Hya	2.9910	4700.0	92	40731	No
243	GOM_NL__2PRFIN20091214_145036_000000322085_00096_40731_6647.N1	14-DEC-2009 14:50:36	Dark	32.000	100	4Gam Crv	2.5800	13100.	64	40731	No
244	GOM_NL__2PRFIN20091214_145211_000000662085_00096_40731_6648.N1	14-DEC-2009 14:52:11	Dark	65.500	171	2Eps Crv	3.0010	4250.0	131	40731	No
245	GOM_NL__2PRFIN20091214_145539_000000452085_00096_40731_6649.N1	14-DEC-2009 14:55:39	Dark	45.000	64	Gam Cen	2.2000	10600.	90	40731	No
246	GOM_NL__2PRFIN20091214_145716_000000432085_00097_40732_6631.N1	14-DEC-2009 14:57:16	Dark	43.000	99	Del Cen	2.5750	26000.	86	40732	No
247	GOM_NL__2PRFIN20091214_150103_000000452085_00097_40732_6632.N1	14-DEC-2009 15:01:03	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	40732	No
248	GOM_NL__2PRFIN20091214_150455_000000412085_00097_40732_6633.N1	14-DEC-2009 15:04:55	Dark	40.500	71	Iot Car	2.2460	7700.0	81	40732	No
249	GOM_NL__2PRFIN20091214_150933_000000442085_00097_40732_6634.N1	14-DEC-2009 15:09:33	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	40732	No
250	GOM_NL__2PRFIN20091214_151147_000000482085_00097_40732_6635.N1	14-DEC-2009 15:11:47	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	40732	No
251	GOM_NL__2PRFIN20091214_151428_000000552085_00097_40732_6636.N1	14-DEC-2009 15:14:28	Dark	54.500	117	Pi Pup	2.7060	3800.0	109	40732	No
252	GOM_NL__2PRFIN20091214_151746_000000552085_00097_40732_6637.N1	14-DEC-2009 15:17:46	Straylight	55.000	23	21Eps CMa	1.5020	26000.	110	40732	No
253	GOM_NL__2PRFIN20091214_152225_000000552085_00097_40732_6638.N1	14-DEC-2009 15:22:25	Straylight	54.500	47	2Bet CMa	1.9760	28000.	109	40732	No
254	GOM_NL__2PRFIN20091214_152600_000000492085_00097_40732_6639.N1	14-DEC-2009 15:26:00	Straylight	49.000	7	19Bet Ori	0.10000	14000.	98	40732	No
255	GOM_NL__2PRFIN20091214_152818_000000502085_00097_40732_6640.N1	14-DEC-2009 15:28:18	Straylight	50.000	30	46Eps Ori	1.6940	30000.	100	40732	No
256	GOM_NL__2PRFIN20091214_153133_000000692085_00097_40732_6641.N1	14-DEC-2009 15:31:33	Twilight	69.000	14	58Alp Ori	0.87000	3000.0	138	40732	No
257	GOM_NL__2PRFIN20091214_153323_000000492085_00097_40732_6642.N1	14-DEC-2009 15:33:23	Twilight	49.000	13	87Alp Tau	0.86700	3800.0	98	40732	No
258	GOM_NL__2PRFIN20091214_153544_000000462085_00097_40732_6643.N1	14-DEC-2009 15:35:44	Bright	45.500	176	23Zet Tau	3.0200	22000.	91	40732	No
259	GOM_NL__2PRFIN20091214_153747_000000452085_00097_40732_6644.N1	14-DEC-2009 15:37:47	Bright	44.500	28	12Bet Tau	1.6500	15200.	89	40732	No
260	GOM_NL__2PRFIN20091214_154128_000000452085_00097_40732_6645.N1	14-DEC-2009 15:41:28	Bright	45.000	107	37The Aur	2.6490	11000.	90	40732	No
261	GOM_NL__2PRFIN20091214_154337_000000442085_00097_40732_6646.N1	14-DEC-2009 15:43:37	Bright	43.500	42	34Bet Aur	1.9000	10200.	87	40732	No
262	GOM_NL__2PRFIN20091214_155911_000000492085_00097_40732_6647.N1	14-DEC-2009 15:59:11	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	40732	No
263	GOM_NL__2PRFIN20091214_160318_000000492085_00097_40732_6648.N1	14-DEC-2009 16:03:18	Bright	48.500	32	77Eps UMa	1.7630	11000.	97	40732	No
264	GOM_NL__2PRFIN20091214_160549_000000572085_00097_40732_6649.N1	14-DEC-2009 16:05:49	Bright	57.000	39	85Eta UMa	1.8540	24000.	114	40732	No
265	GOM_NL__2PRFIN20091214_160907_000000542085_00097_40732_6650.N1	14-DEC-2009 16:09:07	Bright	54.000	180	27Gam Boo	3.0400	8000.0	108	40732	No
266	GOM_NL__2PRFIN20091214_161219_000000532085_00097_40732_6651.N1	14-DEC-2009 16:12:19	Bright	53.000	83		2.3780	11000.	106	40732	No
267	GOM_NL__2PRFIN20091214_161535_000000402085_00097_40732_6652.N1	14-DEC-2009 16:15:35	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	40732	No
268	GOM_NL__2PRFIN20091214_161927_000000722085_00097_40732_6653.N1	14-DEC-2009 16:19:27	Bright	72.000	138	47Eps Vir	2.8280	4700.0	144	40732	No
269	GOM_NL__2PRFIN20091214_162524_000000552085_00097_40732_6654.N1	14-DEC-2009 16:25:24	Twilight	55.000	15	67Alp Vir	0.97600	28000.	110	40732	No
270	GOM_NL__2PRFIN20091214_162853_000000502085_00097_40732_6655.N1	14-DEC-2009 16:28:53	Twilight	49.500	169	46Gam Hya	2.9910	4700.0	99	40732	No
271	GOM_NL__2PRFIN20091214_163113_000000252085_00097_40732_6656.N1	14-DEC-2009 16:31:13	Dark	25.000	100	4Gam Crv	2.5800	13100.	50	40732	No
272	GOM_NL__2PRFIN20091214_163616_000000412085_00097_40732_6657.N1	14-DEC-2009 16:36:16	Dark	41.000	64	Gam Cen	2.2000	10600.	82	40732	No
273	GOM_NL__2PRFIN20091214_163752_000000422085_00098_40733_6677.N1	14-DEC-2009 16:37:52	Dark	41.500	99	Del Cen	2.5750	26000.	83	40733	No
274	GOM_NL__2PRFIN20091214_164139_000000432085_00098_40733_6678.N1	14-DEC-2009 16:41:39	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	40733	No
275	GOM_NL__2PRFIN20091214_164532_000000402085_00098_40733_6679.N1	14-DEC-2009 16:45:32	Dark	40.000	71	Iot Car	2.2460	7700.0	80	40733	No
276	GOM_NL__2PRFIN20091214_165010_000000452085_00098_40733_6680.N1	14-DEC-2009 16:50:10	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	40733	No
277	GOM_NL__2PRFIN20091214_165224_000000472085_00098_40733_6681.N1	14-DEC-2009 16:52:24	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	40733	No
278	GOM_NL__2PRFIN20091214_165504_000000552085_00098_40733_6682.N1	14-DEC-2009 16:55:04	Dark	55.000	117	Pi Pup	2.7060	3800.0	110	40733	No

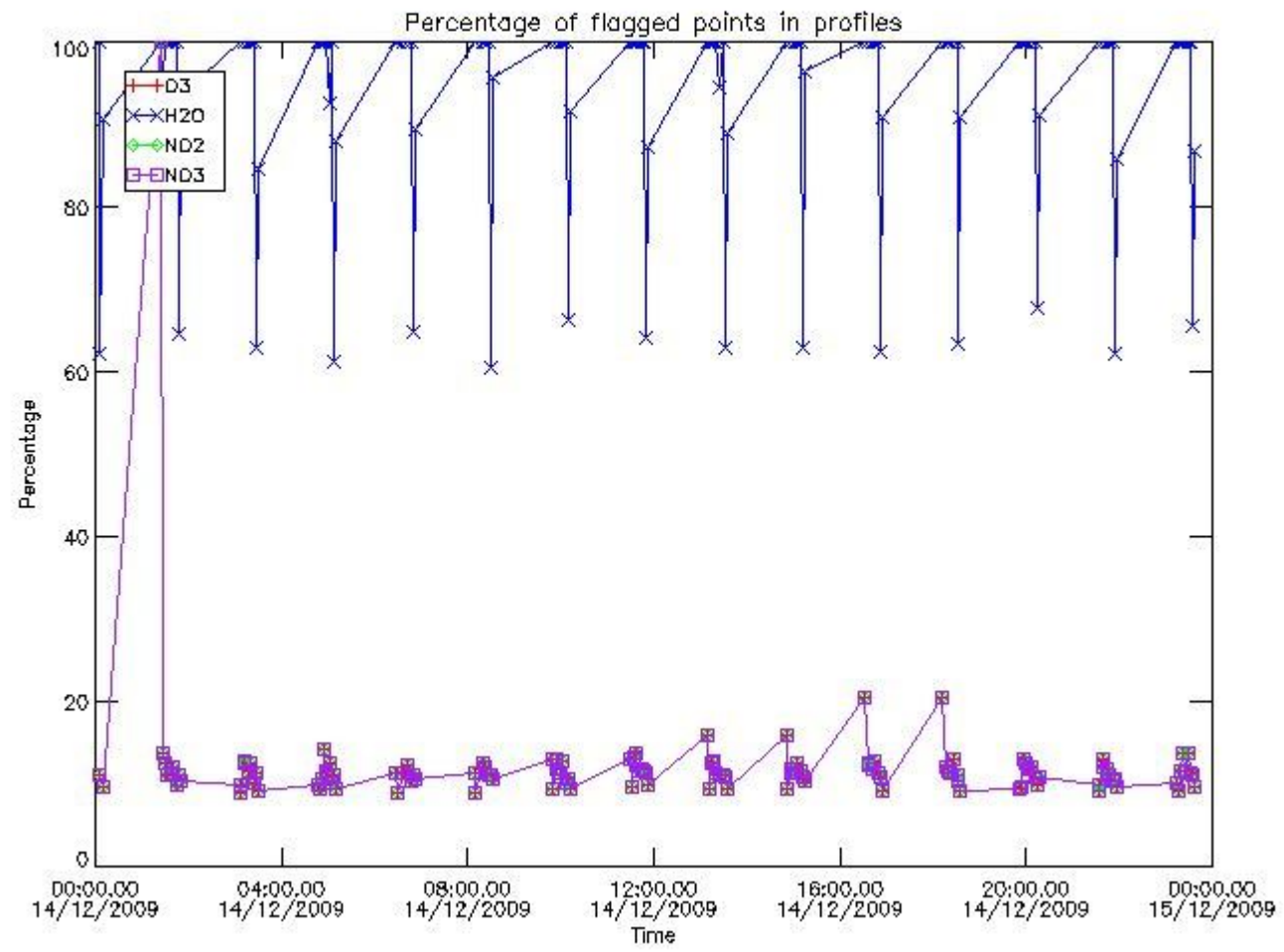
279	GOM_NL__2PRFIN20091214_165822_000000562085_00098_40733_6683.N1	14-DEC-2009 16:58:22	Straylight	56.000	23	21Eps CMa	1.5020	26000.	112	40733	No
280	GOM_NL__2PRFIN20091214_170302_000000512085_00098_40733_6684.N1	14-DEC-2009 17:03:02	Straylight	51.000	47	2Bet CMa	1.9760	28000.	102	40733	No
281	GOM_NL__2PRFIN20091214_170636_000000482085_00098_40733_6685.N1	14-DEC-2009 17:06:36	Straylight	48.000	7	19Bet Ori	0.10000	14000.	96	40733	No
282	GOM_NL__2PRFIN20091214_170854_000000492085_00098_40733_6686.N1	14-DEC-2009 17:08:54	Straylight	48.500	30	46Eps Ori	1.6940	30000.	97	40733	No
283	GOM_NL__2PRFIN20091214_171208_000000692085_00098_40733_6687.N1	14-DEC-2009 17:12:08	Tw_i_and_stray	68.500	14	58Alp Ori	0.87000	3000.0	137	40733	No
284	GOM_NL__2PRFIN20091214_171359_000000462085_00098_40733_6688.N1	14-DEC-2009 17:13:59	Tw_i_and_stray	46.000	13	87Alp Tau	0.86700	3800.0	92	40733	No
285	GOM_NL__2PRFIN20091214_171620_000000452085_00098_40733_6689.N1	14-DEC-2009 17:16:20	Bright	45.000	176	23Zet Tau	3.0200	22000.	90	40733	No
286	GOM_NL__2PRFIN20091214_171822_000000442085_00098_40733_6690.N1	14-DEC-2009 17:18:22	Bright	43.500	28	12Bet Tau	1.6500	15200.	87	40733	No
287	GOM_NL__2PRFIN20091214_172204_000000442085_00098_40733_6691.N1	14-DEC-2009 17:22:04	Bright	43.500	107	37The Aur	2.6490	11000.	87	40733	No
288	GOM_NL__2PRFIN20091214_172413_000000452085_00098_40733_6692.N1	14-DEC-2009 17:24:13	Bright	44.500	42	34Bet Aur	1.9000	10200.	89	40733	No
289	GOM_NL__2PRFIN20091214_173946_000000672085_00098_40733_6693.N1	14-DEC-2009 17:39:46	Bright	67.000	36	50Alp UMa	1.8000	6300.0	134	40733	No
290	GOM_NL__2PRFIN20091214_174354_000000442085_00098_40733_6694.N1	14-DEC-2009 17:43:54	Bright	44.000	32	77Eps UMa	1.7630	11000.	88	40733	No
291	GOM_NL__2PRFIN20091214_174626_000000392085_00098_40733_6695.N1	14-DEC-2009 17:46:26	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	40733	No
292	GOM_NL__2PRFIN20091214_174943_000000542085_00098_40733_6696.N1	14-DEC-2009 17:49:43	Bright	54.000	180	27Gam Boo	3.0400	8000.0	108	40733	No
293	GOM_NL__2PRFIN20091214_175255_000000382085_00098_40733_6697.N1	14-DEC-2009 17:52:55	Bright	37.500	83		2.3780	11000.	75	40733	No
294	GOM_NL__2PRFIN20091214_175612_000000412085_00098_40733_6698.N1	14-DEC-2009 17:56:12	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	40733	No
295	GOM_NL__2PRFIN20091214_180004_000000722085_00098_40733_6699.N1	14-DEC-2009 18:00:04	Bright	72.000	138	47Eps Vir	2.8280	4700.0	144	40733	No
296	GOM_NL__2PRFIN20091214_180601_000000502085_00098_40733_6700.N1	14-DEC-2009 18:06:01	Tw_i_and_stray	50.000	15	67Alp Vir	0.97600	28000.	100	40733	No
297	GOM_NL__2PRFIN20091214_180930_000000462085_00098_40733_6701.N1	14-DEC-2009 18:09:30	Twilight	45.500	169	46Gam Hya	2.9910	4700.0	91	40733	No
298	GOM_NL__2PRFIN20091214_181150_000000252085_00098_40733_6702.N1	14-DEC-2009 18:11:50	Dark	25.000	100	4Gam Crv	2.5800	13100.	50	40733	No
299	GOM_NL__2PRFIN20091214_181652_000000422085_00098_40733_6703.N1	14-DEC-2009 18:16:52	Dark	42.000	64	Gam Cen	2.2000	10600.	84	40733	No
300	GOM_NL__2PRFIN20091214_181829_000000452085_00099_40734_6686.N1	14-DEC-2009 18:18:29	Dark	44.500	99	Del Cen	2.5750	26000.	89	40734	No
301	GOM_NL__2PRFIN20091214_182216_000000452085_00099_40734_6687.N1	14-DEC-2009 18:22:16	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	40734	No
302	GOM_NL__2PRFIN20091214_182609_000000402085_00099_40734_6688.N1	14-DEC-2009 18:26:09	Dark	39.500	71	lot Car	2.2460	7700.0	79	40734	No
303	GOM_NL__2PRFIN20091214_183047_000000462085_00099_40734_6689.N1	14-DEC-2009 18:30:47	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	40734	No
304	GOM_NL__2PRFIN20091214_183300_000000502085_00099_40734_6690.N1	14-DEC-2009 18:33:00	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	40734	No
305	GOM_NL__2PRFIN20091214_183541_000000552085_00099_40734_6691.N1	14-DEC-2009 18:35:41	Dark	55.000	117	Pi Pup	2.7060	3800.0	110	40734	No
306	GOM_NL__2PRFIN20091214_183859_000000562085_00099_40734_6692.N1	14-DEC-2009 18:38:59	Straylight	55.500	23	21Eps CMa	1.5020	26000.	111	40734	No
307	GOM_NL__2PRFIN20091214_184338_000000532085_00099_40734_6693.N1	14-DEC-2009 18:43:38	Straylight	53.000	47	2Bet CMa	1.9760	28000.	106	40734	No
308	GOM_NL__2PRFIN20091214_184712_000000482085_00099_40734_6694.N1	14-DEC-2009 18:47:12	Straylight	48.000	7	19Bet Ori	0.10000	14000.	96	40734	No
309	GOM_NL__2PRFIN20091214_184930_000000502085_00099_40734_6695.N1	14-DEC-2009 18:49:30	Straylight	50.000	30	46Eps Ori	1.6940	30000.	100	40734	No
310	GOM_NL__2PRFIN20091214_185244_000000622085_00099_40734_6696.N1	14-DEC-2009 18:52:44	Tw_i_and_stray	61.500	14	58Alp Ori	0.87000	3000.0	123	40734	No
311	GOM_NL__2PRFIN20091214_185435_000000542085_00099_40734_6697.N1	14-DEC-2009 18:54:35	Tw_i_and_stray	54.000	13	87Alp Tau	0.86700	3800.0	108	40734	No
312	GOM_NL__2PRFIN20091214_185656_000000462085_00099_40734_6698.N1	14-DEC-2009 18:56:56	Bright	45.500	176	23Zet Tau	3.0200	22000.	91	40734	No
313	GOM_NL__2PRFIN20091214_185858_000000452085_00099_40734_6699.N1	14-DEC-2009 18:58:58	Bright	44.500	28	12Bet Tau	1.6500	15200.	89	40734	No
314	GOM_NL__2PRFIN20091214_190239_000000472085_00099_40734_6700.N1	14-DEC-2009 19:02:39	Bright	47.000	107	37The Aur	2.6490	11000.	94	40734	No
315	GOM_NL__2PRFIN20091214_190448_000000452085_00099_40734_6701.N1	14-DEC-2009 19:04:48	Bright	45.000	42	34Bet Aur	1.9000	10200.	90	40734	No
316	GOM_NL__2PRFIN20091214_191948_000000362085_00099_40734_6702.N1	14-DEC-2009 19:19:48	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	40734	No
317	GOM_NL__2PRFIN20091214_192429_000000452085_00099_40734_6703.N1	14-DEC-2009 19:24:29	Bright	44.500	32	77Eps UMa	1.7630	11000.	89	40734	No
318	GOM_NL__2PRFIN20091214_192702_000000382085_00099_40734_6704.N1	14-DEC-2009 19:27:02	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	40734	No
319	GOM_NL__2PRFIN20091214_193019_000000392085_00099_40734_6705.N1	14-DEC-2009 19:30:19	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	40734	No
320	GOM_NL__2PRFIN20091214_193331_000000402085_00099_40734_6706.N1	14-DEC-2009 19:33:31	Bright	40.000	83		2.3780	11000.	80	40734	No
321	GOM_NL__2PRFIN20091214_193648_000000592085_00099_40734_6707.N1	14-DEC-2009 19:36:48	Bright	59.000	111	8Eta Boo	2.6800	6000.0	118	40734	No
322	GOM_NL__2PRFIN20091214_194040_000000722085_00099_40734_6708.N1	14-DEC-2009 19:40:40	Bright	72.000	138	47Eps Vir	2.8280	4700.0	144	40734	No
323	GOM_NL__2PRFIN20091214_194637_000000502085_00099_40734_6709.N1	14-DEC-2009 19:46:37	Tw_i_and_stray	49.500	15	67Alp Vir	0.97600	28000.	99	40734	No
324	GOM_NL__2PRFIN20091214_195007_000000462085_00099_40734_6710.N1	14-DEC-2009 19:50:07	Twilight	46.000	169	46Gam Hya	2.9910	4700.0	92	40734	No
325	GOM_NL__2PRFIN20091214_195231_000000542085_00099_40734_6711.N1	14-DEC-2009 19:52:31	Dark	54.000	106	9Bet Crv	2.6480	5600.0	108	40734	No
326	GOM_NL__2PRFIN20091214_195403_000000582085_00099_40734_6712.N1	14-DEC-2009 19:54:03	Dark	58.000	171	2Eps Crv	3.0010	4250.0	116	40734	No
327	GOM_NL__2PRFIN20091214_195729_000000392085_00099_40734_6713.N1	14-DEC-2009 19:57:29	Dark	39.000	64	Gam Cen	2.2000	10600.	78	40734	No
328	GOM_NL__2PRFIN20091214_195906_000000412085_00100_40735_6695.N1	14-DEC-2009 19:59:06	Dark	41.000	99	Del Cen	2.5750	26000.	82	40735	No
329	GOM_NL__2PRFIN20091214_200253_000000432085_00100_40735_6696.N1	14-DEC-2009 20:02:53	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	40735	No
330	GOM_NL__2PRFIN20091214_200645_000000432085_00100_40735_6697.N1	14-DEC-2009 20:06:45	Dark	42.500	71	lot Car	2.2460	7700.0	85	40735	No
331	GOM_NL__2PRFIN20091214_201123_000000482085_00100_40735_6698.N1	14-DEC-2009 20:11:23	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	40735	No
332	GOM_NL__2PRFIN20091214_201337_000000522085_00100_40735_6699.N1	14-DEC-2009 20:13:37	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	40735	No
333	GOM_NL__2PRFIN20091214_201617_000000562085_00100_40735_6700.N1	14-DEC-2009 20:16:17	Dark	56.000	117	Pi Pup	2.7060	3800.0	112	40735	No
334	GOM_NL__2PRFIN20091214_201935_000000552085_00100_40735_6701.N1	14-DEC-2009 20:19:35	Straylight	54.500	23	21Eps CMa	1.5020	26000.	109	40735	No
335	GOM_NL__2PRFIN20091214_202414_000000552085_00100_40735_6702.N1	14-DEC-2009 20:24:14	Straylight	54.500	47	2Bet CMa	1.9760	28000.	109	40735	No
336	GOM_NL__2PRFIN20091214_202748_000000492085_00100_40735_6703.N1	14-DEC-2009 20:27:48	Straylight	49.000	7	19Bet Ori	0.10000	14000.	98	40735	No
337	GOM_NL__2PRFIN20091214_203006_000000492085_00100_40735_6704.N1	14-DEC-2009 20:30:06	Straylight	48.500	30	46Eps Ori	1.6940	30000.	97	40735	No

338	GOM_NL__2PRFIN20091214_203320_00000682085_00100_40735_6705.N1	14-DEC-2009 20:33:20	Twilight	67.500	14	58Alp Ori	0.87000	3000.0	135	40735	No
339	GOM_NL__2PRFIN20091214_203511_00000542085_00100_40735_6706.N1	14-DEC-2009 20:35:11	Twilight	53.500	13	87Alp Tau	0.86700	3800.0	107	40735	No
340	GOM_NL__2PRFIN20091214_203731_00000442085_00100_40735_6707.N1	14-DEC-2009 20:37:31	Bright	44.000	176	23Zet Tau	3.0200	22000.	88	40735	No
341	GOM_NL__2PRFIN20091214_203934_00000452085_00100_40735_6708.N1	14-DEC-2009 20:39:34	Bright	44.500	28	12Bet Tau	1.6500	15200.	89	40735	No
342	GOM_NL__2PRFIN20091214_204314_00000672085_00100_40735_6709.N1	14-DEC-2009 20:43:14	Bright	67.000	107	37The Aur	2.6490	11000.	134	40735	No
343	GOM_NL__2PRFIN20091214_204523_00000452085_00100_40735_6710.N1	14-DEC-2009 20:45:23	Bright	44.500	42	34Bet Aur	1.9000	10200.	89	40735	No
344	GOM_NL__2PRFIN20091214_210024_00000372085_00100_40735_6711.N1	14-DEC-2009 21:00:24	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	40735	No
345	GOM_NL__2PRFIN20091214_210505_00000462085_00100_40735_6712.N1	14-DEC-2009 21:05:05	Bright	46.000	32	77Eps UMa	1.7630	11000.	92	40735	No
346	GOM_NL__2PRFIN20091214_210737_00000452085_00100_40735_6713.N1	14-DEC-2009 21:07:37	Bright	44.500	39	85Eta UMa	1.8540	24000.	89	40735	No
347	GOM_NL__2PRFIN20091214_211056_00000472085_00100_40735_6714.N1	14-DEC-2009 21:10:56	Bright	46.500	180	27Gam Boo	3.0400	8000.0	93	40735	No
348	GOM_NL__2PRFIN20091214_211407_00000412085_00100_40735_6715.N1	14-DEC-2009 21:14:07	Bright	40.500	83		2.3780	11000.	81	40735	No
349	GOM_NL__2PRFIN20091214_211724_00000592085_00100_40735_6716.N1	14-DEC-2009 21:17:24	Bright	59.000	111	8Eta Boo	2.6800	6000.0	118	40735	No
350	GOM_NL__2PRFIN20091214_212117_00000722085_00100_40735_6717.N1	14-DEC-2009 21:21:17	Bright	71.500	138	47Eps Vir	2.8280	4700.0	143	40735	No
351	GOM_NL__2PRFIN20091214_212714_00000512085_00100_40735_6718.N1	14-DEC-2009 21:27:14	Twilight	50.500	15	67Alp Vir	0.97600	28000.	101	40735	No
352	GOM_NL__2PRFIN20091214_213044_00000472085_00100_40735_6719.N1	14-DEC-2009 21:30:44	Twilight	47.000	169	46Gam Hya	2.9910	4700.0	94	40735	No
353	GOM_NL__2PRFIN20091214_213308_00000522085_00100_40735_6720.N1	14-DEC-2009 21:33:08	Dark	52.000	106	9Bet Crv	2.6480	5600.0	104	40735	No
354	GOM_NL__2PRFIN20091214_213440_00000552085_00100_40735_6721.N1	14-DEC-2009 21:34:40	Dark	55.000	171	2Eps Crv	3.0010	4250.0	110	40735	No
355	GOM_NL__2PRFIN20091214_213805_00000432085_00100_40735_6722.N1	14-DEC-2009 21:38:05	Dark	42.500	64	Gam Cen	2.2000	10600.	85	40735	No
356	GOM_NL__2PRFIN20091214_213942_00000402085_00101_40736_6724.N1	14-DEC-2009 21:39:42	Dark	39.500	99	Del Cen	2.5750	26000.	79	40736	No
357	GOM_NL__2PRFIN20091214_214330_00000442085_00101_40736_6725.N1	14-DEC-2009 21:43:30	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	40736	No
358	GOM_NL__2PRFIN20091214_214722_00000462085_00101_40736_6726.N1	14-DEC-2009 21:47:22	Dark	45.500	71	1ot Car	2.2460	7700.0	91	40736	No
359	GOM_NL__2PRFIN20091214_215200_00000492085_00101_40736_6727.N1	14-DEC-2009 21:52:00	Dark	49.000	34	Gam2Vel	1.7930	23000.	98	40736	No
360	GOM_NL__2PRFIN20091214_215413_00000482085_00101_40736_6728.N1	14-DEC-2009 21:54:13	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	40736	No
361	GOM_NL__2PRFIN20091214_215654_00000532085_00101_40736_6729.N1	14-DEC-2009 21:56:54	Dark	53.000	117	Pi Pup	2.7060	3800.0	106	40736	No
362	GOM_NL__2PRFIN20091214_220012_00000552085_00101_40736_6730.N1	14-DEC-2009 22:00:12	Straylight	54.500	23	21Eps CMa	1.5020	26000.	109	40736	No
363	GOM_NL__2PRFIN20091214_220450_00000542085_00101_40736_6731.N1	14-DEC-2009 22:04:50	Straylight	53.500	47	2Bet CMa	1.9760	28000.	107	40736	No
364	GOM_NL__2PRFIN20091214_220824_00000492085_00101_40736_6732.N1	14-DEC-2009 22:08:24	Straylight	49.000	7	19Bet Ori	0.10000	14000.	98	40736	No
365	GOM_NL__2PRFIN20091214_221042_00000492085_00101_40736_6733.N1	14-DEC-2009 22:10:42	Straylight	48.500	30	46Eps Ori	1.6940	30000.	97	40736	No
366	GOM_NL__2PRFIN20091214_221355_00000642085_00101_40736_6734.N1	14-DEC-2009 22:13:55	Twilight	63.500	14	58Alp Ori	0.87000	3000.0	127	40736	No
367	GOM_NL__2PRFIN20091214_221546_00000472085_00101_40736_6735.N1	14-DEC-2009 22:15:46	Twilight	47.000	13	87Alp Tau	0.86700	3800.0	94	40736	No
368	GOM_NL__2PRFIN20091214_221806_00000442085_00101_40736_6736.N1	14-DEC-2009 22:18:06	Bright	43.500	176	23Zet Tau	3.0200	22000.	87	40736	No
369	GOM_NL__2PRFIN20091214_222009_00000442085_00101_40736_6737.N1	14-DEC-2009 22:20:09	Bright	43.500	28	12Bet Tau	1.6500	15200.	87	40736	No
370	GOM_NL__2PRFIN20091214_222350_00000452085_00101_40736_6738.N1	14-DEC-2009 22:23:50	Bright	45.000	107	37The Aur	2.6490	11000.	90	40736	No
371	GOM_NL__2PRFIN20091214_222559_00000442085_00101_40736_6739.N1	14-DEC-2009 22:25:59	Bright	44.000	42	34Bet Aur	1.9000	10200.	88	40736	No
372	GOM_NL__2PRFIN20091214_224100_00000392085_00101_40736_6740.N1	14-DEC-2009 22:41:00	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	40736	No
373	GOM_NL__2PRFIN20091214_224540_00000452085_00101_40736_6741.N1	14-DEC-2009 22:45:40	Bright	44.500	32	77Eps UMa	1.7630	11000.	89	40736	No
374	GOM_NL__2PRFIN20091214_224813_00000452085_00101_40736_6742.N1	14-DEC-2009 22:48:13	Bright	44.500	39	85Eta UMa	1.8540	24000.	89	40736	No
375	GOM_NL__2PRFIN20091214_225131_00000452085_00101_40736_6743.N1	14-DEC-2009 22:51:31	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	40736	No
376	GOM_NL__2PRFIN20091214_225443_00000372085_00101_40736_6744.N1	14-DEC-2009 22:54:43	Bright	37.000	83		2.3780	11000.	74	40736	No
377	GOM_NL__2PRFIN20091214_225800_00000592085_00101_40736_6745.N1	14-DEC-2009 22:58:00	Bright	59.000	111	8Eta Boo	2.6800	6000.0	118	40736	No
378	GOM_NL__2PRFIN20091214_230153_00000722085_00101_40736_6746.N1	14-DEC-2009 23:01:53	Bright	72.000	138	47Eps Vir	2.8280	4700.0	144	40736	No
379	GOM_NL__2PRFIN20091214_230750_00000502085_00101_40736_6747.N1	14-DEC-2009 23:07:50	Twilight	50.000	15	67Alp Vir	0.97600	28000.	100	40736	No
380	GOM_NL__2PRFIN20091214_231120_00000482085_00101_40736_6748.N1	14-DEC-2009 23:11:20	Twilight	47.500	169	46Gam Hya	2.9910	4700.0	95	40736	No
381	GOM_NL__2PRFIN20091214_231345_00000502085_00101_40736_6749.N1	14-DEC-2009 23:13:45	Dark	50.000	106	9Bet Crv	2.6480	5600.0	100	40736	No
382	GOM_NL__2PRFIN20091214_231517_00000552085_00101_40736_6750.N1	14-DEC-2009 23:15:17	Dark	55.000	171	2Eps Crv	3.0010	4250.0	110	40736	No
383	GOM_NL__2PRFIN20091214_231842_00000442085_00101_40736_6751.N1	14-DEC-2009 23:18:42	Dark	44.000	64	Gam Cen	2.2000	10600.	88	40736	No
384	GOM_NL__2PRFIN20091214_232019_00000412085_00102_40737_6733.N1	14-DEC-2009 23:20:19	Dark	40.500	99	Del Cen	2.5750	26000.	81	40737	No
385	GOM_NL__2PRFIN20091214_232407_00000452085_00102_40737_6734.N1	14-DEC-2009 23:24:07	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	40737	No
386	GOM_NL__2PRFIN20091214_232758_00000412085_00102_40737_6735.N1	14-DEC-2009 23:27:58	Dark	40.500	71	1ot Car	2.2460	7700.0	81	40737	No
387	GOM_NL__2PRFIN20091214_233237_00000492085_00102_40737_6736.N1	14-DEC-2009 23:32:37	Dark	49.000	34	Gam2Vel	1.7930	23000.	98	40737	No
388	GOM_NL__2PRFIN20091214_233449_00000462085_00102_40737_6737.N1	14-DEC-2009 23:34:49	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	40737	No
389	GOM_NL__2PRFIN20091214_233730_00000532085_00102_40737_6738.N1	14-DEC-2009 23:37:30	Dark	53.000	117	Pi Pup	2.7060	3800.0	106	40737	No
390	GOM_NL__2PRFIN20091214_234048_00000542085_00102_40737_6739.N1	14-DEC-2009 23:40:48	Straylight	54.000	23	21Eps CMa	1.5020	26000.	108	40737	No
391	GOM_NL__2PRFIN20091214_234526_00000492085_00102_40737_6740.N1	14-DEC-2009 23:45:26	Straylight	49.000	47	2Bet CMa	1.9760	28000.	98	40737	No
392	GOM_NL__2PRFIN20091214_234900_00000512085_00102_40737_6741.N1	14-DEC-2009 23:49:00	Straylight	50.500	7	19Bet Ori	0.10000	14000.	101	40737	No
393	GOM_NL__2PRFIN20091214_235117_00000472085_00102_40737_6742.N1	14-DEC-2009 23:51:17	Straylight	46.500	30	46Eps Ori	1.6940	30000.	93	40737	No
394	GOM_NL__2PRFIN20091214_235431_00000682085_00102_40737_6743.N1	14-DEC-2009 23:54:31	Twilight	68.000	14	58Alp Ori	0.87000	3000.0	136	40737	No
395	GOM_NL__2PRFIN20091214_235622_00000502085_00102_40737_6744.N1	14-DEC-2009 23:56:22	Twilight	49.500	13	87Alp Tau	0.86700	3800.0	99	40737	No
396	GOM_NL__2PRFIN20091214_235842_00000452085_00102_40737_6745.N1	14-DEC-2009 23:58:42	Bright	45.000	176	23Zet Tau	3.0200	22000.	90	40737	No

3. Quality information per product

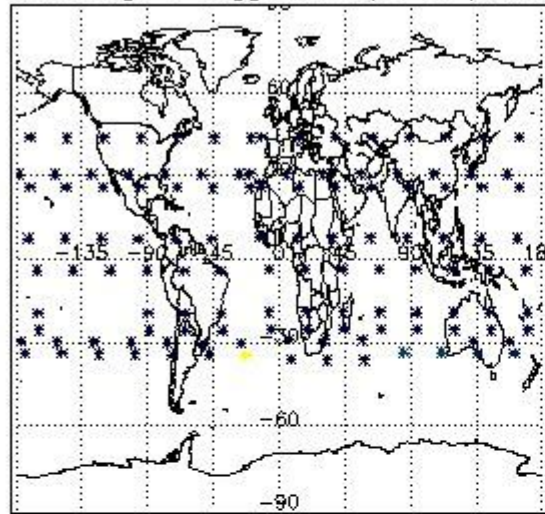
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

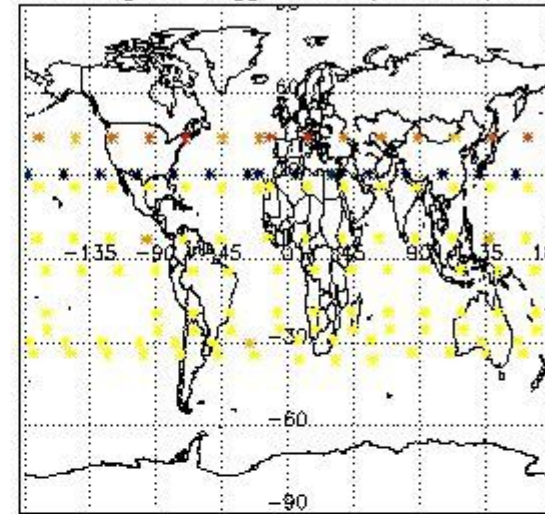


3.2 Plot quality information per product (world map)

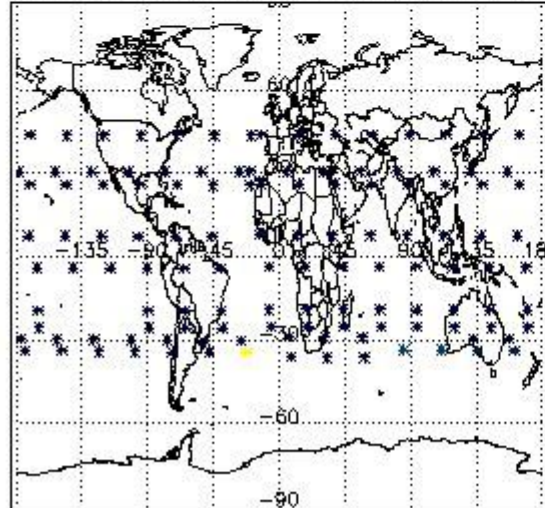
Percentage of flagged data per O3 profile



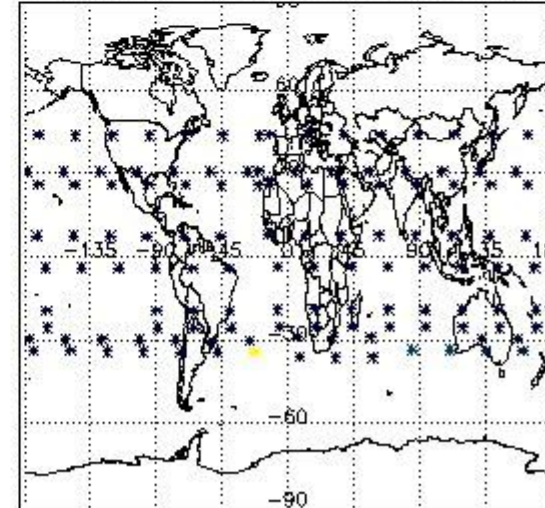
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

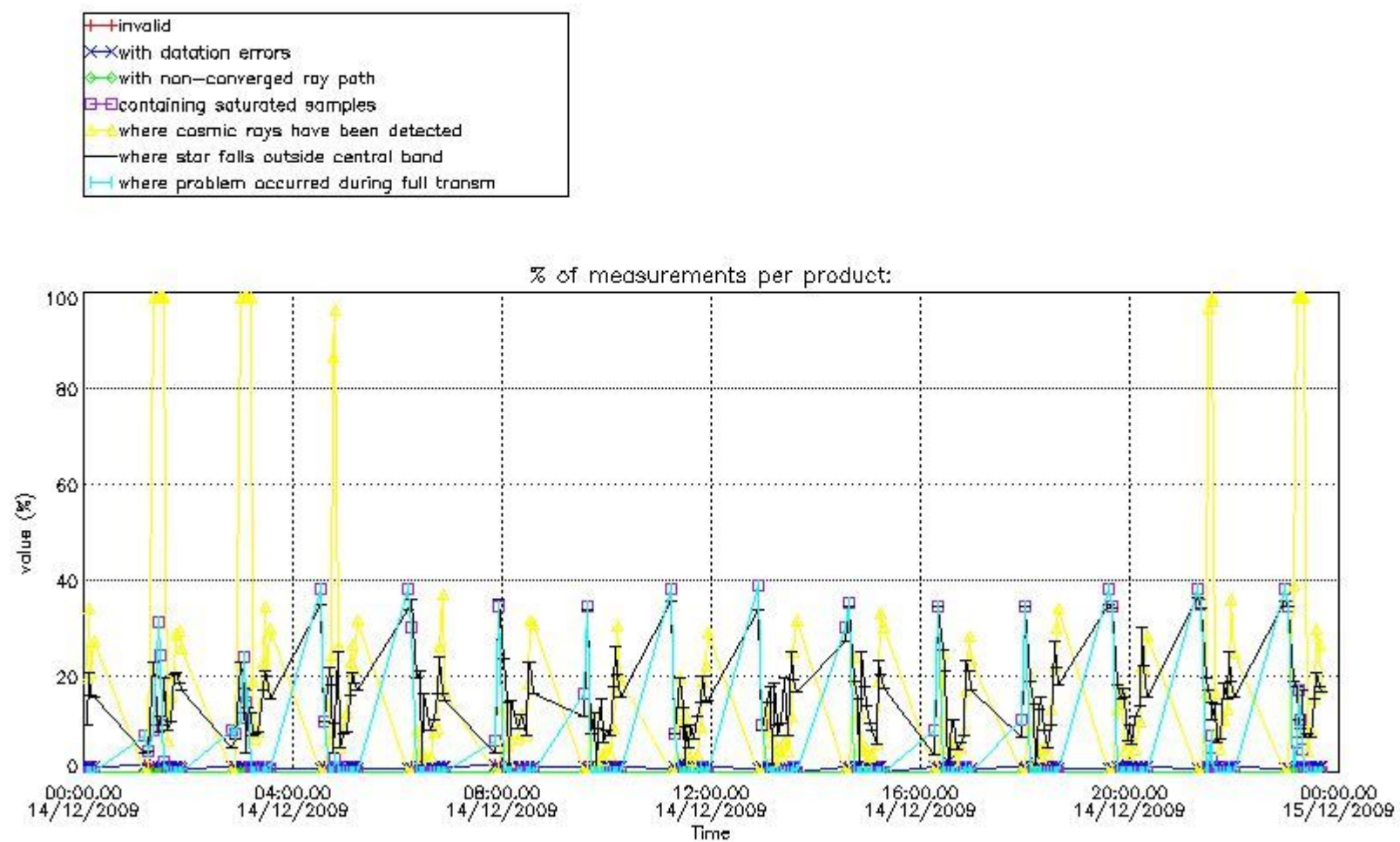


4. Level 1 quality information per product

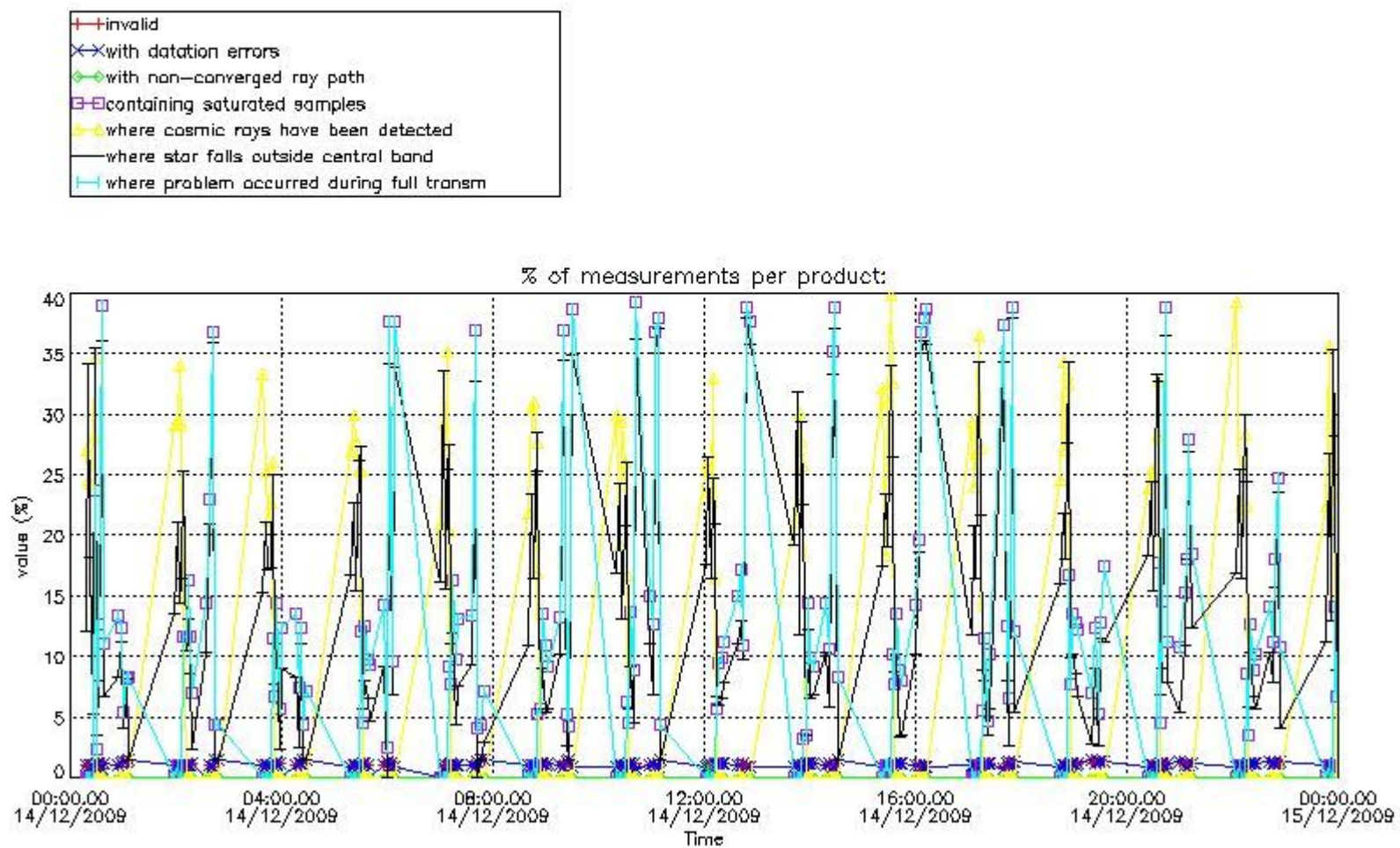
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

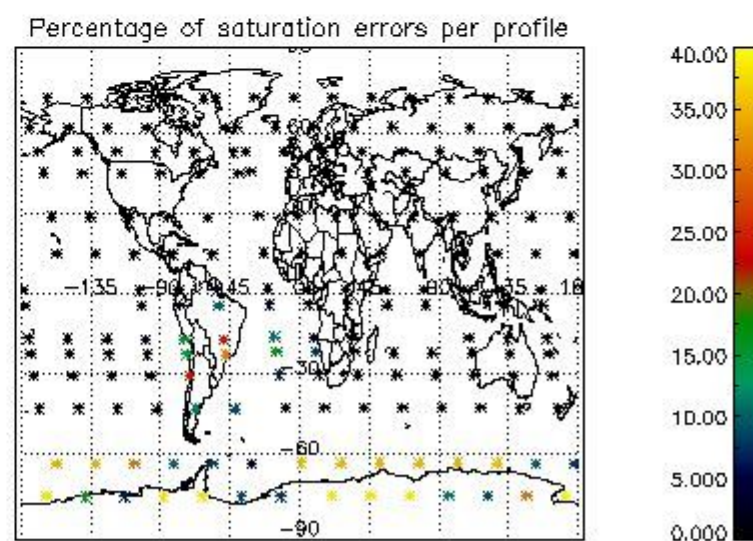
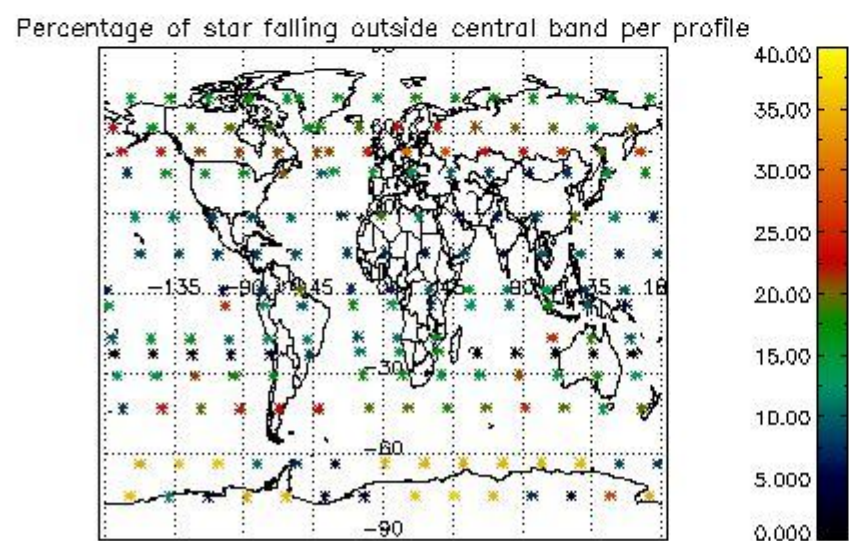
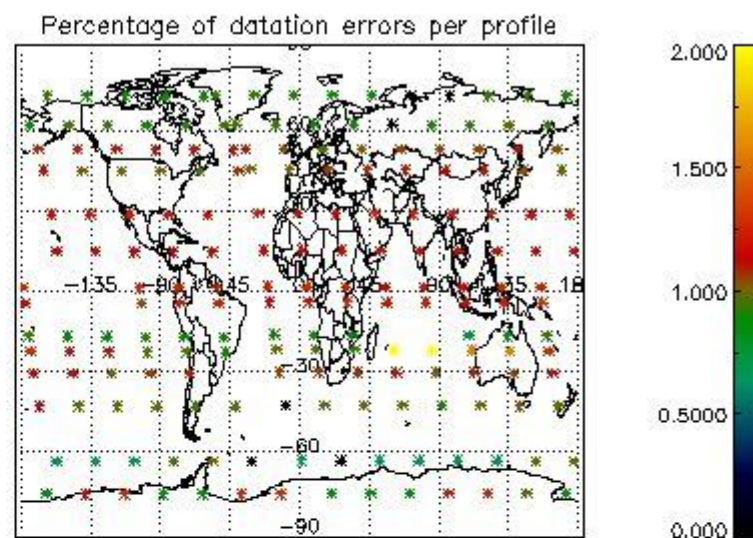
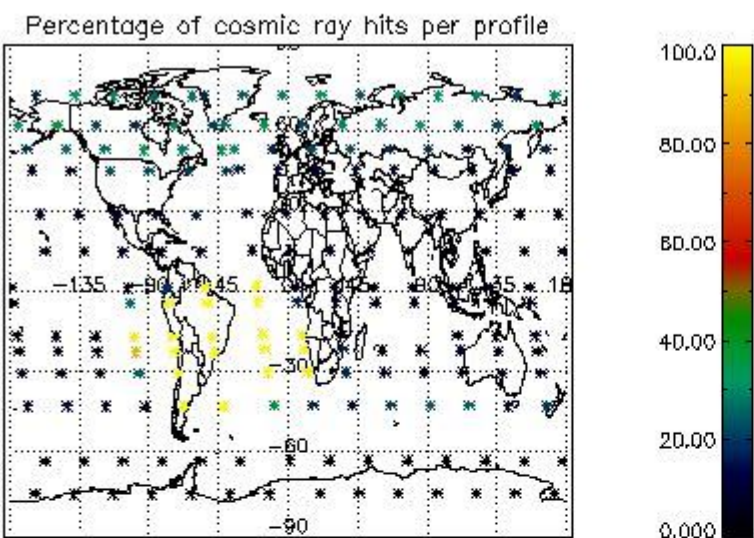


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

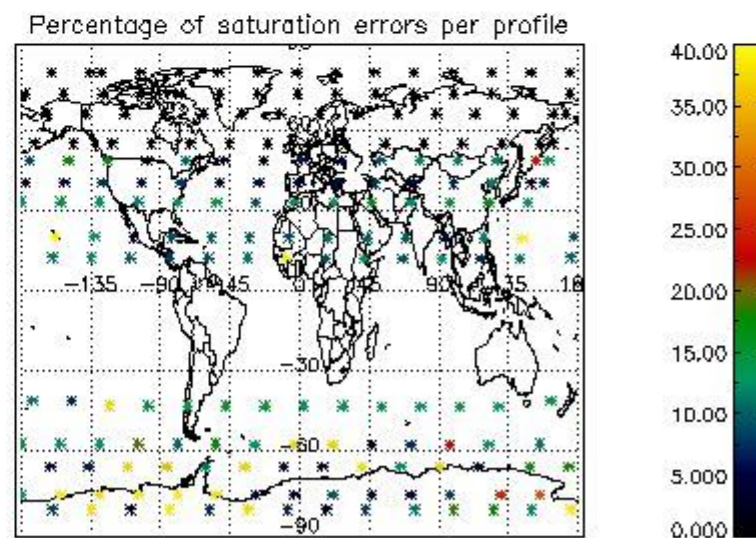
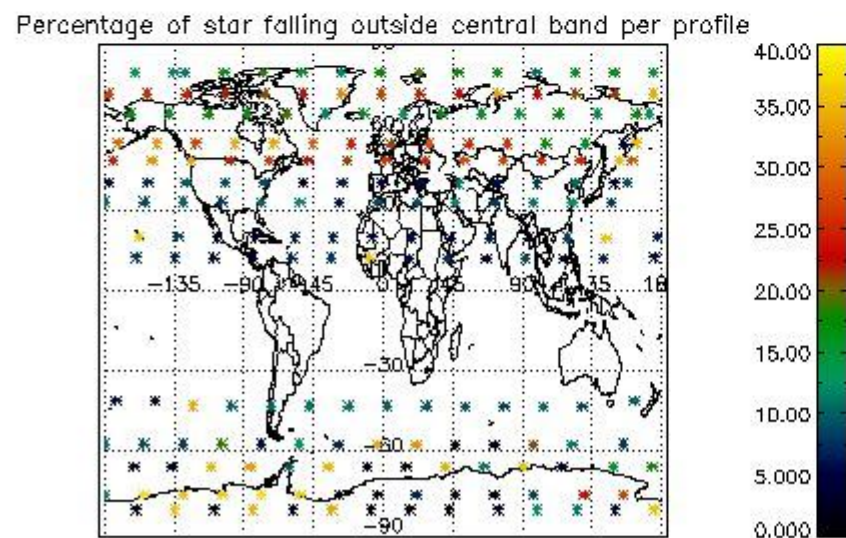
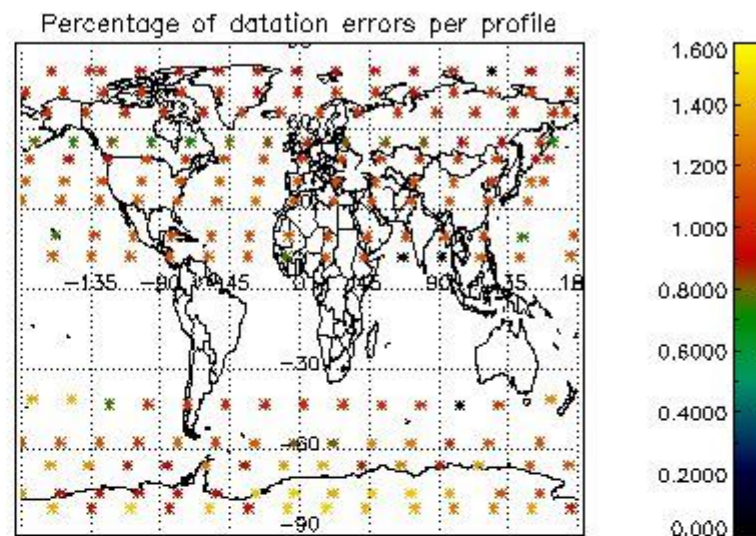
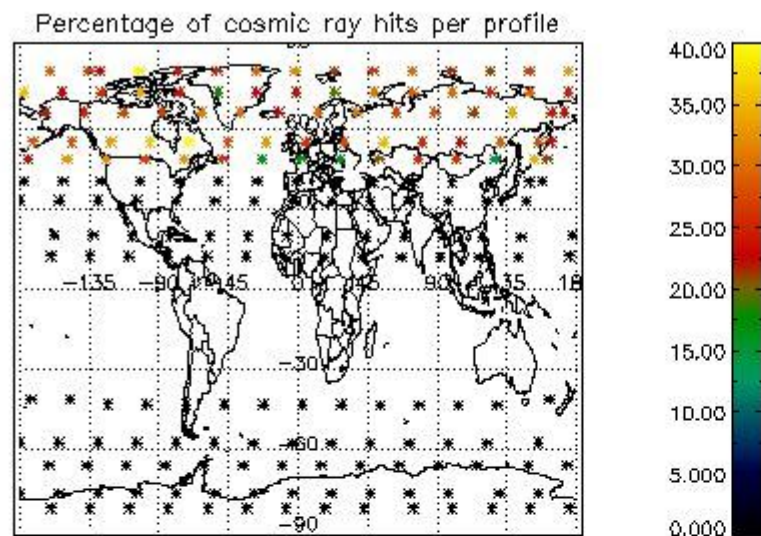


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

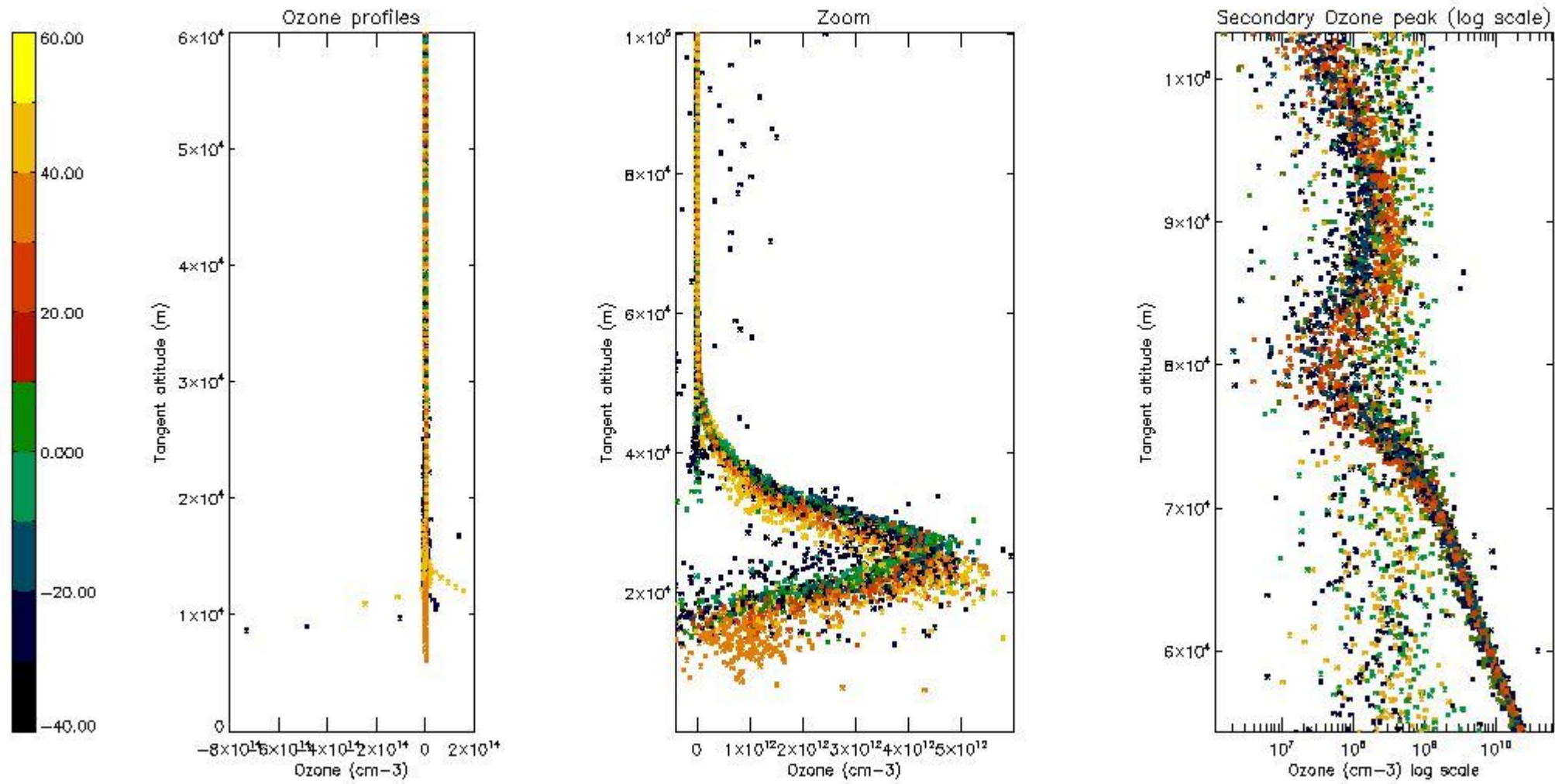
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	13

STD < 10	9
STD < 5	6

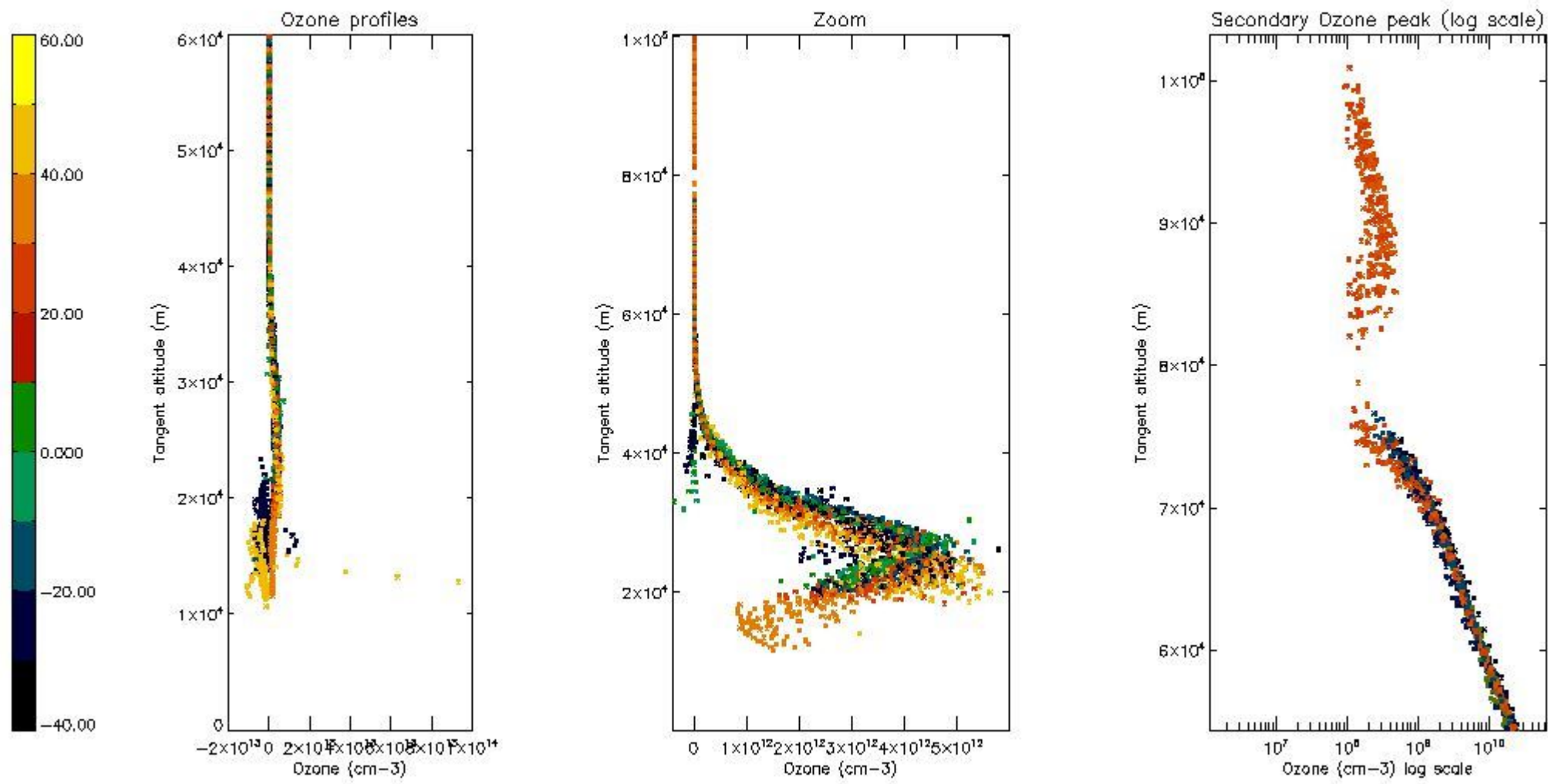
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



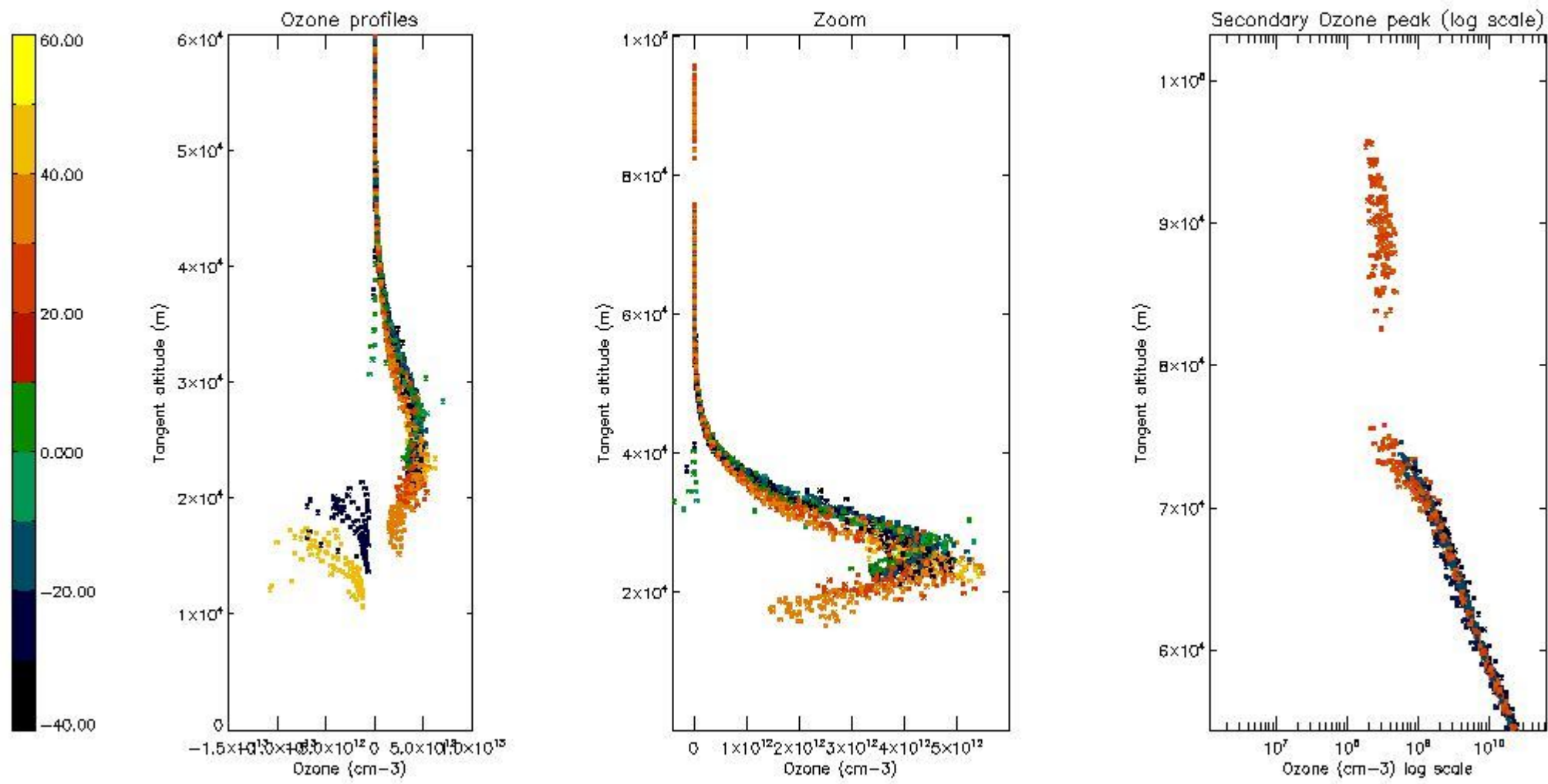
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



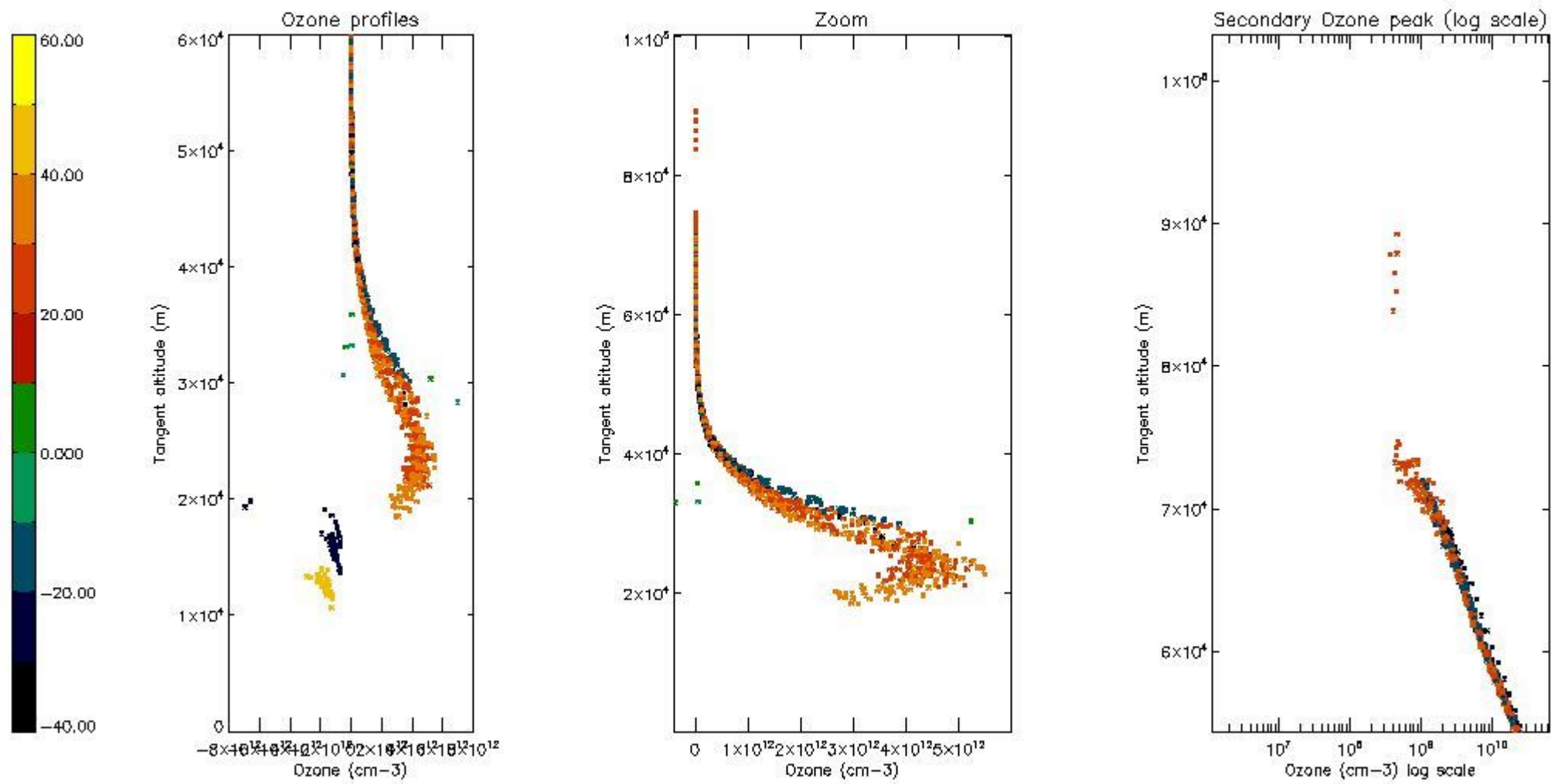
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



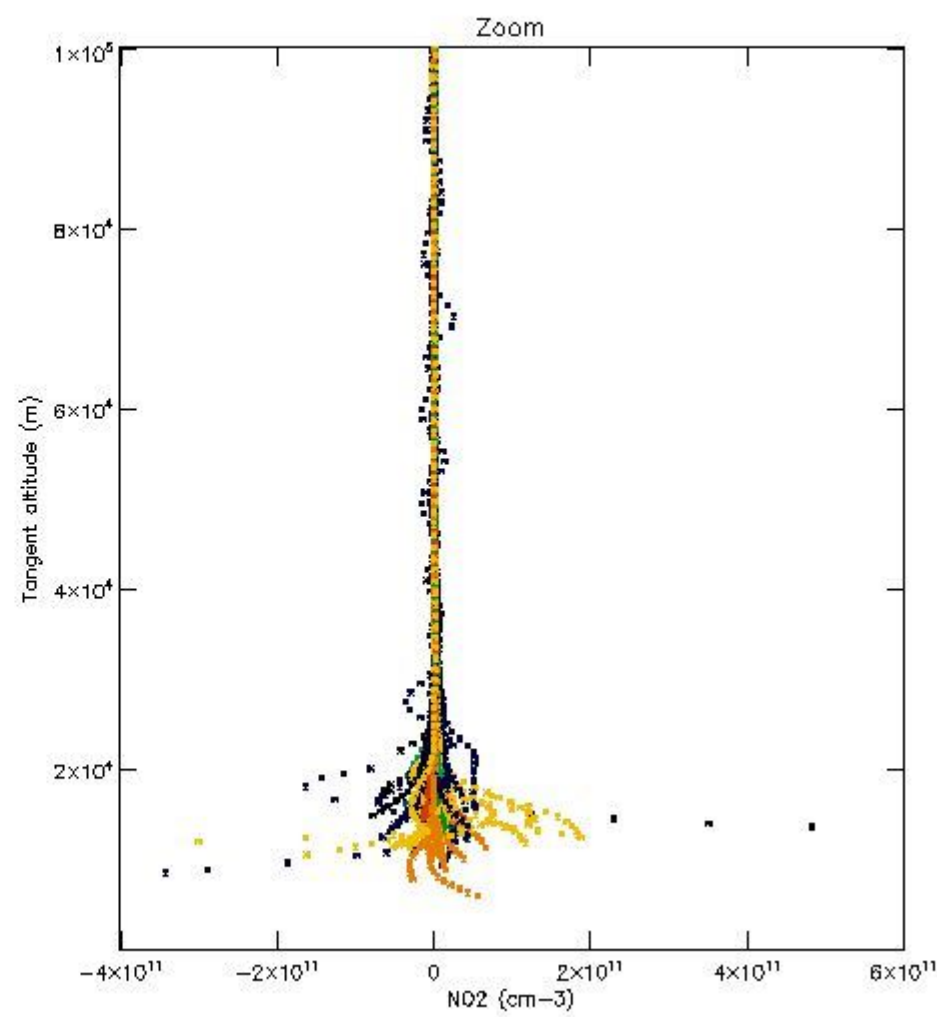
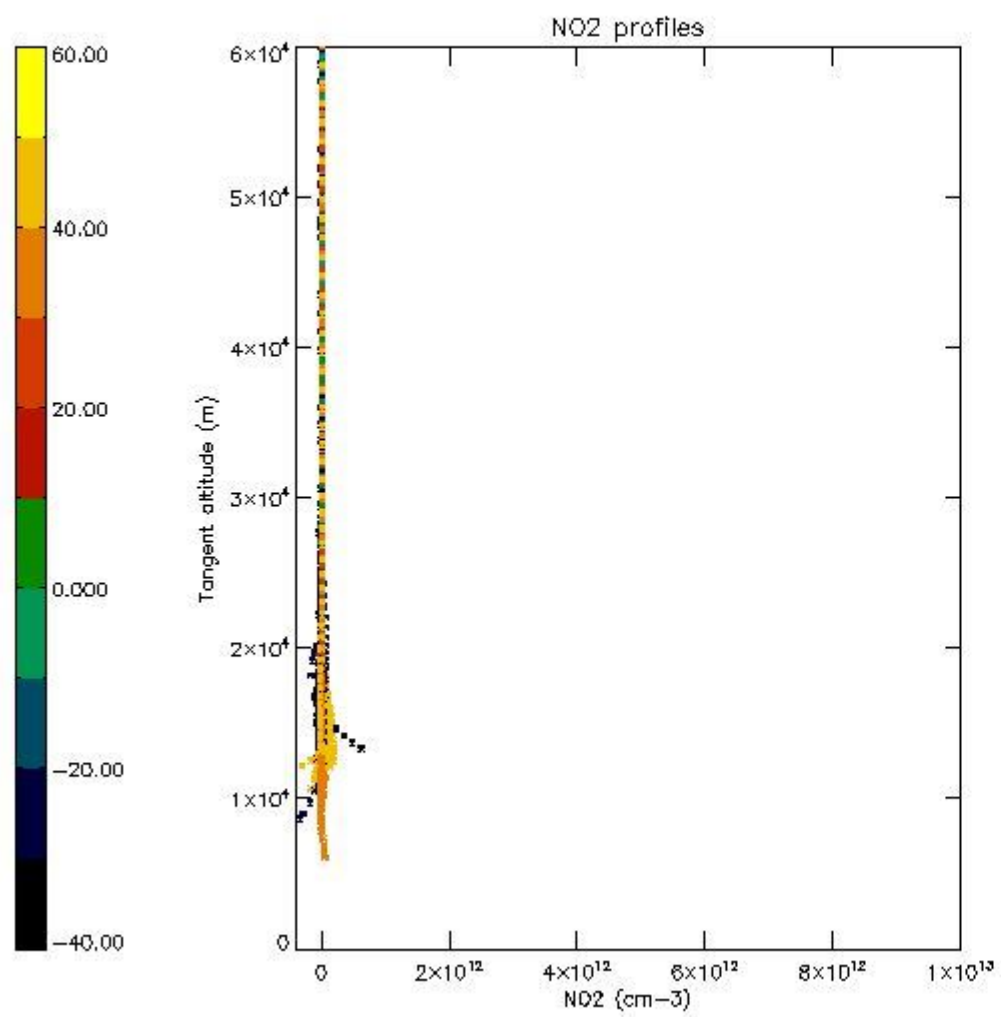
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



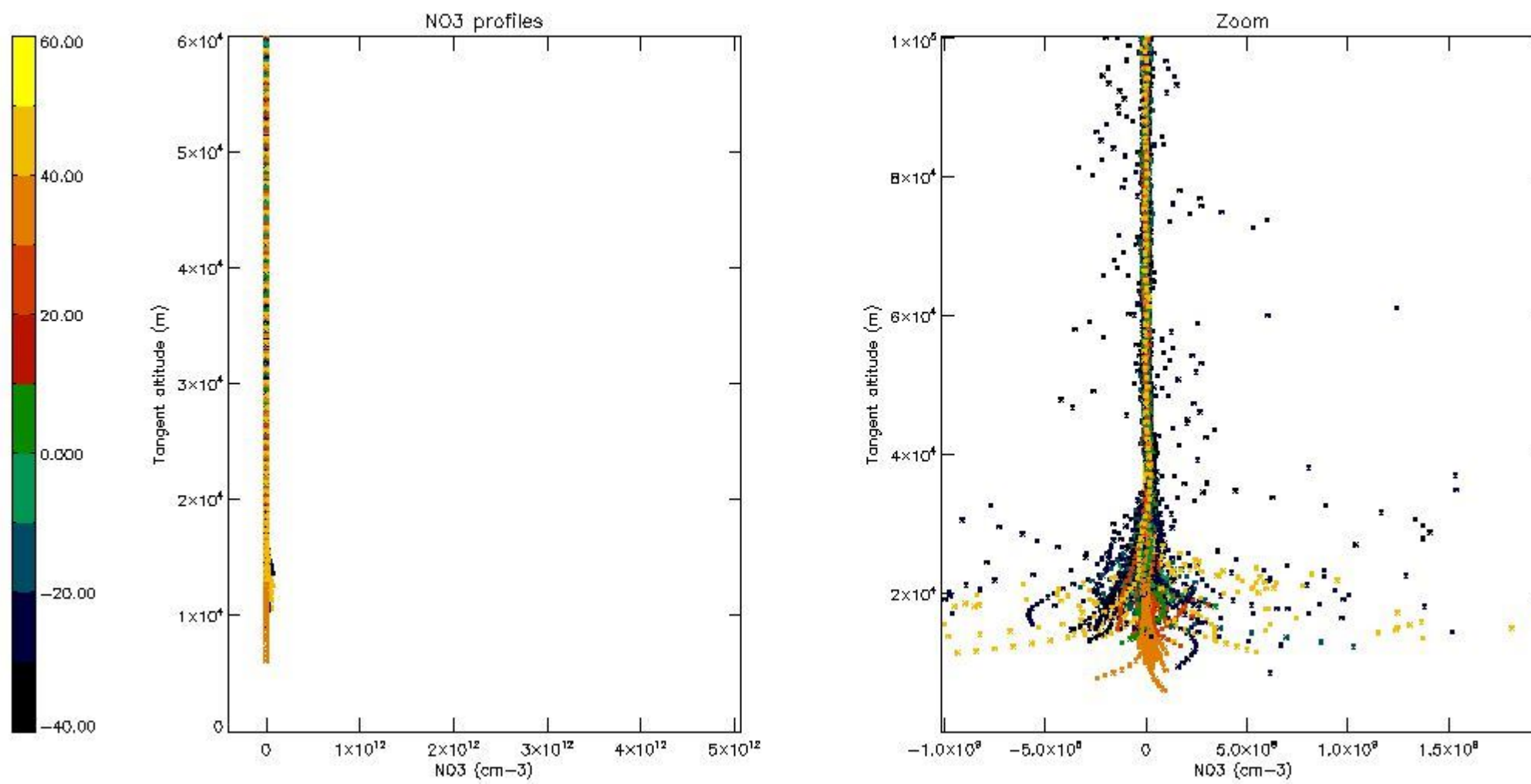
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



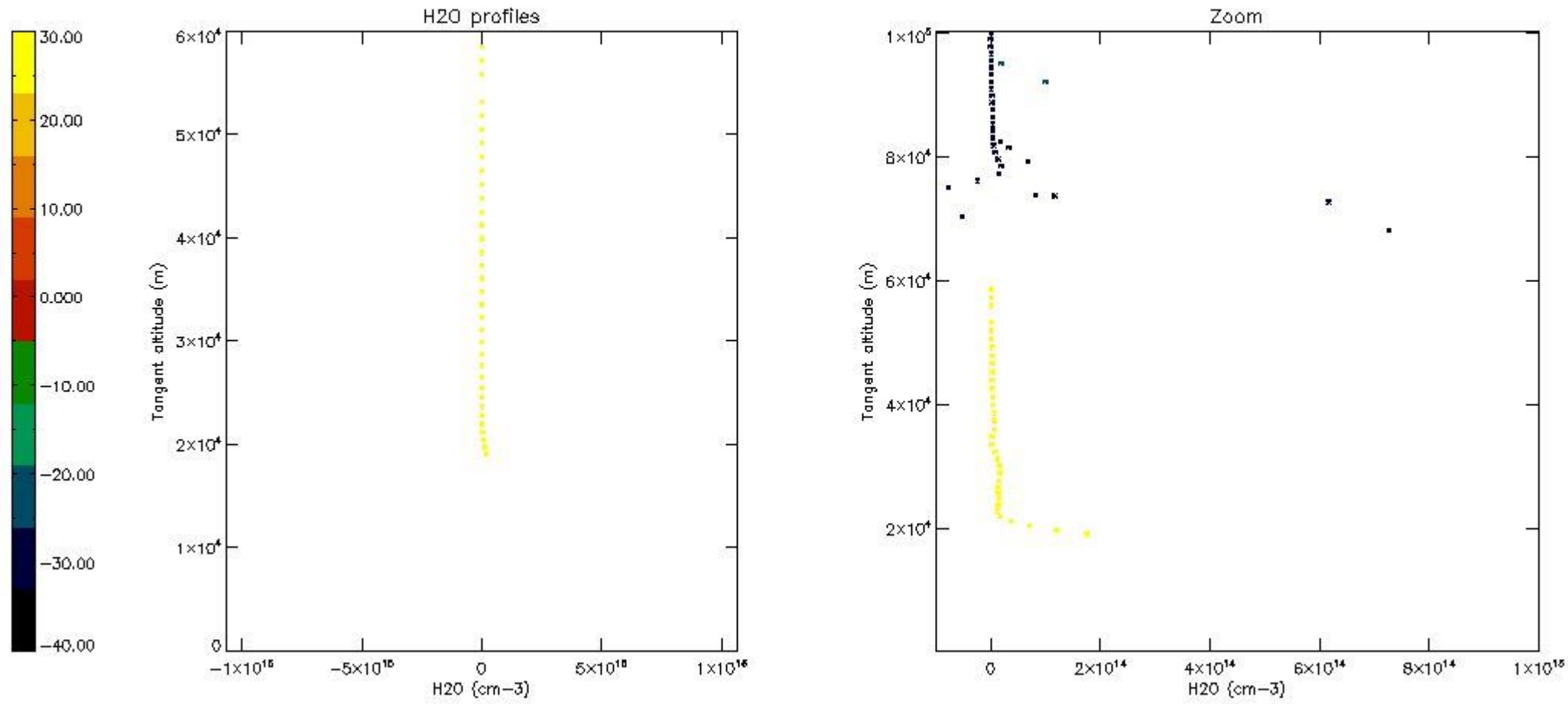
5.7 Plot NO3 profiles for all STD (dark without errors)

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	14-DEC-2009 00:04:03
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-DEC-2009 00:04:03
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-DEC-2009 00:04:03

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

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

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

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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	30APR2013 09:17:02
Data source version	GOMOS/6.01
Start time of products	14-12-2009 (14DEC2009 00:00:00)
Stop time of products	15-12-2009 (15DEC2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	396
Nb of prods with errors	1

2. Summary of processed GOM_NL__2P products.

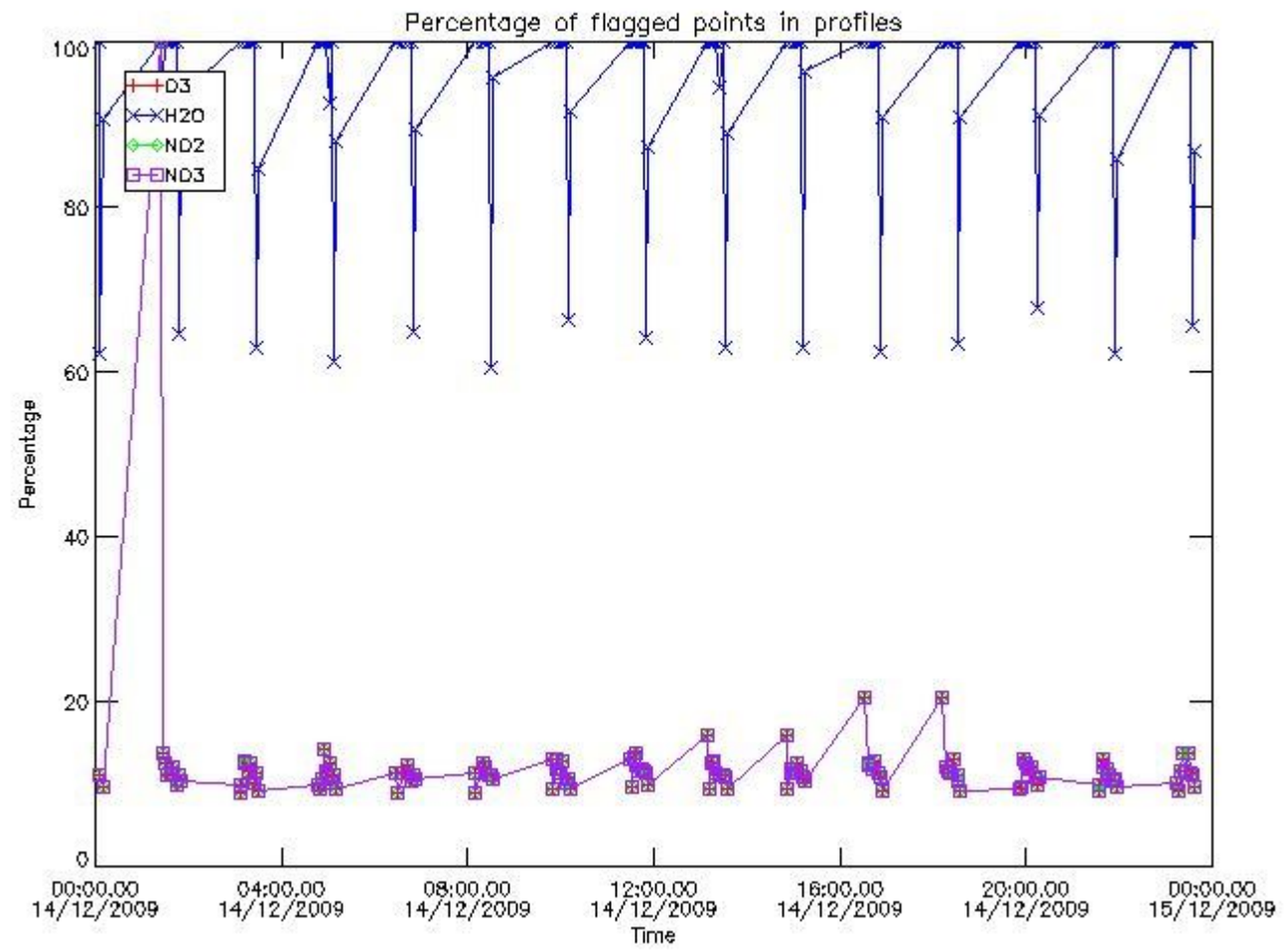
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20091214_000403_000000462085_00088_40723_6447.N1	14-DEC-2009 00:04:03	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	40723	No
2	GOM_NL__2PRFIN20091214_000620_000000462085_00088_40723_6448.N1	14-DEC-2009 00:06:20	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	40723	No
3	GOM_NL__2PRFIN20091214_000859_000000532085_00088_40723_6449.N1	14-DEC-2009 00:08:59	Dark	53.000	117	Pi Pup	2.7060	3800.0	106	40723	No
4	GOM_NL__2PRFIN20091214_001219_000000552085_00088_40723_6450.N1	14-DEC-2009 00:12:19	Straylight	55.000	23	21Eps CMa	1.5020	26000.	110	40723	No
5	GOM_NL__2PRFIN20091214_001701_000000502085_00088_40723_6451.N1	14-DEC-2009 00:17:01	Straylight	50.000	47	2Bet CMa	1.9760	28000.	100	40723	No
6	GOM_NL__2PRFIN20091214_002036_000000572085_00088_40723_6452.N1	14-DEC-2009 00:20:36	Straylight	57.000	7	19Bet Ori	0.10000	14000.	114	40723	No
7	GOM_NL__2PRFIN20091214_002256_000000502085_00088_40723_6453.N1	14-DEC-2009 00:22:56	Straylight	49.500	30	46Eps Ori	1.6940	30000.	99	40723	No
8	GOM_NL__2PRFIN20091214_002612_000000482085_00088_40723_6454.N1	14-DEC-2009 00:26:12	Twilight	48.000	14	58Alp Ori	0.87000	3000.0	96	40723	No
9	GOM_NL__2PRFIN20091214_002800_000000552085_00088_40723_6455.N1	14-DEC-2009 00:28:00	Twilight	55.000	13	87Alp Tau	0.86700	3800.0	110	40723	No
10	GOM_NL__2PRFIN20091214_003025_000000432085_00088_40723_6456.N1	14-DEC-2009 00:30:25	Bright	43.000	176	23Zet Tau	3.0200	22000.	86	40723	No
11	GOM_NL__2PRFIN20091214_003227_000000442085_00088_40723_6457.N1	14-DEC-2009 00:32:27	Bright	43.500	28	12Bet Tau	1.6500	15200.	87	40723	No
12	GOM_NL__2PRFIN20091214_003443_000000282085_00088_40723_6458.N1	14-DEC-2009 00:34:43	Dark	27.500	149	45Eps Per	2.8880	30000.	55	40723	Yes
13	GOM_NL__2PRFIN20091214_003611_000000682085_00088_40723_6459.N1	14-DEC-2009 00:36:11	Bright	68.000	107	37The Aur	2.6490	11000.	136	40723	No
14	GOM_NL__2PRFIN20091214_003819_000000452085_00088_40723_6460.N1	14-DEC-2009 00:38:19	Bright	45.000	42	34Bet Aur	1.9000	10200.	90	40723	No
15	GOM_NL__2PRFIN20091214_005352_000000492085_00088_40723_6461.N1	14-DEC-2009 00:53:52	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	40723	No
16	GOM_NL__2PRFIN20091214_005756_000000452085_00088_40723_6462.N1	14-DEC-2009 00:57:56	Bright	44.500	32	77Eps UMa	1.7630	11000.	89	40723	No
17	GOM_NL__2PRFIN20091214_010026_000000382085_00088_40723_6463.N1	14-DEC-2009 01:00:26	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	40723	No
18	GOM_NL__2PRFIN20091214_010343_000000372085_00088_40723_6464.N1	14-DEC-2009 01:03:43	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	40723	No
19	GOM_NL__2PRFIN20091214_010653_000000362085_00088_40723_6465.N1	14-DEC-2009 01:06:53	Bright	36.000	83		2.3780	11000.	72	40723	No
20	GOM_NL__2PRFIN20091214_011009_000000392085_00088_40723_6466.N1	14-DEC-2009 01:10:09	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	40723	No
21	GOM_NL__2PRFIN20091214_011358_000000482085_00088_40723_6467.N1	14-DEC-2009 01:13:58	Bright	47.500	138	47Eps Vir	2.8280	4700.0	95	40723	No
22	GOM_NL__2PRFIN20091214_011954_000000532085_00088_40723_6468.N1	14-DEC-2009 01:19:54	Twilight	52.500	15	67Alp Vir	0.97600	28000.	105	40723	No
23	GOM_NL__2PRFIN20091214_012538_000000552085_00088_40723_6469.N1	14-DEC-2009 01:25:38	Dark	54.500	100	4Gam Crv	2.5800	13100.	109	40723	No
24	GOM_NL__2PRFIN20091214_012713_000000562085_00088_40723_6470.N1	14-DEC-2009 01:27:13	Dark	55.500	171	2Eps Crv	3.0010	4250.0	111	40723	No
25	GOM_NL__2PRFIN20091214_013047_000000412085_00088_40723_6471.N1	14-DEC-2009 01:30:47	Dark	40.500	64	Gam Cen	2.2000	10600.	81	40723	No
26	GOM_NL__2PRFIN20091214_013223_000000462085_00089_40724_6453.N1	14-DEC-2009 01:32:23	Dark	46.000	99	Del Cen	2.5750	26000.	92	40724	No
27	GOM_NL__2PRFIN20091214_013608_000000452085_00089_40724_6454.N1	14-DEC-2009 01:36:08	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	40724	No
28	GOM_NL__2PRFIN20091214_014003_000000422085_00089_40724_6455.N1	14-DEC-2009 01:40:03	Dark	42.000	71	Iot Car	2.2460	7700.0	84	40724	No
29	GOM_NL__2PRFIN20091214_014440_000000522085_00089_40724_6456.N1	14-DEC-2009 01:44:40	Dark	52.000	34	Gam2Vel	1.7930	23000.	104	40724	No
30	GOM_NL__2PRFIN20091214_014657_000000462085_00089_40724_6457.N1	14-DEC-2009 01:46:57	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	40724	No
31	GOM_NL__2PRFIN20091214_014935_000000542085_00089_40724_6458.N1	14-DEC-2009 01:49:35	Dark	54.000	117	Pi Pup	2.7060	3800.0	108	40724	No
32	GOM_NL__2PRFIN20091214_015255_000000562085_00089_40724_6459.N1	14-DEC-2009 01:52:55	Straylight	56.000	23	21Eps CMa	1.5020	26000.	112	40724	No
33	GOM_NL__2PRFIN20091214_015737_000000522085_00089_40724_6460.N1	14-DEC-2009 01:57:37	Straylight	51.500	47	2Bet CMa	1.9760	28000.	103	40724	No
34	GOM_NL__2PRFIN20091214_020112_000000482085_00089_40724_6461.N1	14-DEC-2009 02:01:12	Straylight	47.500	7	19Bet Ori	0.10000	14000.	95	40724	No
35	GOM_NL__2PRFIN20091214_020332_000000492085_00089_40724_6462.N1	14-DEC-2009 02:03:32	Straylight	48.500	30	46Eps Ori	1.6940	30000.	97	40724	No
36	GOM_NL__2PRFIN20091214_020648_000000552085_00089_40724_6463.N1	14-DEC-2009 02:06:48	Twilight	55.000	14	58Alp Ori	0.87000	3000.0	110	40724	No
37	GOM_NL__2PRFIN20091214_020836_000000482085_00089_40724_6464.N1	14-DEC-2009 02:08:36	Twilight	47.500	13	87Alp Tau	0.86700	3800.0	95	40724	No
38	GOM_NL__2PRFIN20091214_021100_000000482085_00089_40724_6465.N1	14-DEC-2009 02:11:00	Bright	47.500	176	23Zet Tau	3.0200	22000.	95	40724	No
39	GOM_NL__2PRFIN20091214_021303_000000462085_00089_40724_6466.N1	14-DEC-2009 02:13:03	Bright	46.000	28	12Bet Tau	1.6500	15200.	92	40724	No
40	GOM_NL__2PRFIN20091214_021646_000000472085_00089_40724_6467.N1	14-DEC-2009 02:16:46	Bright	47.000	107	37The Aur	2.6490	11000.	94	40724	No
41	GOM_NL__2PRFIN20091214_021855_000000432085_00089_40724_6468.N1	14-DEC-2009 02:18:55	Bright	43.000	42	34Bet Aur	1.9000	10200.	86	40724	No
42	GOM_NL__2PRFIN20091214_023427_000000492085_00089_40724_6469.N1	14-DEC-2009 02:34:27	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	40724	No

43	GOM_NL__2PRFIN20091214_023832_000000502085_00089_40724_6470.N1	14-DEC-2009 02:38:32	Bright	50.000	32	77Eps UMa	1.7630	11000.	100	40724	No
44	GOM_NL__2PRFIN20091214_024102_000000572085_00089_40724_6471.N1	14-DEC-2009 02:41:02	Bright	57.000	39	85Eta UMa	1.8540	24000.	114	40724	No
45	GOM_NL__2PRFIN20091214_024419_000000352085_00089_40724_6472.N1	14-DEC-2009 02:44:19	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	40724	No
46	GOM_NL__2PRFIN20091214_024730_000000342085_00089_40724_6473.N1	14-DEC-2009 02:47:30	Bright	34.000	83		2.3780	11000.	68	40724	No
47	GOM_NL__2PRFIN20091214_025045_000000402085_00089_40724_6474.N1	14-DEC-2009 02:50:45	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	40724	No
48	GOM_NL__2PRFIN20091214_025434_000000502085_00089_40724_6475.N1	14-DEC-2009 02:54:34	Bright	50.000	138	47Eps Vir	2.8280	4700.0	100	40724	No
49	GOM_NL__2PRFIN20091214_030031_000000532085_00089_40724_6476.N1	14-DEC-2009 03:00:31	Tw_i_and_stray	52.500	15	67Alp Vir	0.97600	28000.	105	40724	No
50	GOM_NL__2PRFIN20091214_030400_000000462085_00089_40724_6477.N1	14-DEC-2009 03:04:00	Twilight	46.000	169	46Gam Hya	2.9910	4700.0	92	40724	No
51	GOM_NL__2PRFIN20091214_030615_000000522085_00089_40724_6478.N1	14-DEC-2009 03:06:15	Dark	52.000	100	4Gam Crv	2.5800	13100.	104	40724	No
52	GOM_NL__2PRFIN20091214_030751_000000572085_00089_40724_6479.N1	14-DEC-2009 03:07:51	Dark	56.500	171	2Eps Crv	3.0010	4250.0	113	40724	No
53	GOM_NL__2PRFIN20091214_031123_000000412085_00089_40724_6480.N1	14-DEC-2009 03:11:23	Dark	41.000	64	Gam Cen	2.2000	10600.	82	40724	No
54	GOM_NL__2PRFIN20091214_031300_000000402085_00090_40725_6462.N1	14-DEC-2009 03:13:00	Dark	40.000	99	Del Cen	2.5750	26000.	80	40725	No
55	GOM_NL__2PRFIN20091214_031645_000000442085_00090_40725_6463.N1	14-DEC-2009 03:16:45	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	40725	No
56	GOM_NL__2PRFIN20091214_032039_000000412085_00090_40725_6464.N1	14-DEC-2009 03:20:39	Dark	41.000	71	lot Car	2.2460	7700.0	82	40725	No
57	GOM_NL__2PRFIN20091214_032517_000000502085_00090_40725_6465.N1	14-DEC-2009 03:25:17	Dark	50.000	34	Gam2Vel	1.7930	23000.	100	40725	No
58	GOM_NL__2PRFIN20091214_032733_000000452085_00090_40725_6466.N1	14-DEC-2009 03:27:33	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	40725	No
59	GOM_NL__2PRFIN20091214_033012_000000562085_00090_40725_6467.N1	14-DEC-2009 03:30:12	Dark	55.500	117	Pi Pup	2.7060	3800.0	111	40725	No
60	GOM_NL__2PRFIN20091214_033331_000000562085_00090_40725_6468.N1	14-DEC-2009 03:33:31	Straylight	55.500	23	21Eps CMa	1.5020	26000.	111	40725	No
61	GOM_NL__2PRFIN20091214_033813_000000532085_00090_40725_6469.N1	14-DEC-2009 03:38:13	Straylight	52.500	47	2Bet CMa	1.9760	28000.	105	40725	No
62	GOM_NL__2PRFIN20091214_034148_000000482085_00090_40725_6470.N1	14-DEC-2009 03:41:48	Straylight	47.500	7	19Bet Ori	0.10000	14000.	95	40725	No
63	GOM_NL__2PRFIN20091214_034408_000000502085_00090_40725_6471.N1	14-DEC-2009 03:44:08	Straylight	49.500	30	46Eps Ori	1.6940	30000.	99	40725	No
64	GOM_NL__2PRFIN20091214_034724_000000552085_00090_40725_6472.N1	14-DEC-2009 03:47:24	Tw_i_and_stray	55.000	14	58Alp Ori	0.87000	3000.0	110	40725	No
65	GOM_NL__2PRFIN20091214_034912_000000482085_00090_40725_6473.N1	14-DEC-2009 03:49:12	Tw_i_and_stray	48.000	13	87Alp Tau	0.86700	3800.0	96	40725	No
66	GOM_NL__2PRFIN20091214_035136_000000452085_00090_40725_6474.N1	14-DEC-2009 03:51:36	Bright	45.000	176	23Zet Tau	3.0200	22000.	90	40725	No
67	GOM_NL__2PRFIN20091214_035338_000000452085_00090_40725_6475.N1	14-DEC-2009 03:53:38	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	40725	No
68	GOM_NL__2PRFIN20091214_035721_000000442085_00090_40725_6476.N1	14-DEC-2009 03:57:21	Bright	44.000	107	37The Aur	2.6490	11000.	88	40725	No
69	GOM_NL__2PRFIN20091214_035930_000000452085_00090_40725_6477.N1	14-DEC-2009 03:59:30	Bright	44.500	42	34Bet Aur	1.9000	10200.	89	40725	No
70	GOM_NL__2PRFIN20091214_041502_000000482085_00090_40725_6478.N1	14-DEC-2009 04:15:02	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	40725	No
71	GOM_NL__2PRFIN20091214_041908_000000412085_00090_40725_6479.N1	14-DEC-2009 04:19:08	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	40725	No
72	GOM_NL__2PRFIN20091214_042138_000000412085_00090_40725_6480.N1	14-DEC-2009 04:21:38	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	40725	No
73	GOM_NL__2PRFIN20091214_042455_000000352085_00090_40725_6481.N1	14-DEC-2009 04:24:55	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	40725	No
74	GOM_NL__2PRFIN20091214_042806_000000352085_00090_40725_6482.N1	14-DEC-2009 04:28:06	Bright	35.000	83		2.3780	11000.	70	40725	No
75	GOM_NL__2PRFIN20091214_043121_000000592085_00090_40725_6483.N1	14-DEC-2009 04:31:21	Bright	59.000	111	8Eta Boo	2.6800	6000.0	118	40725	No
76	GOM_NL__2PRFIN20091214_043511_000000522085_00090_40725_6484.N1	14-DEC-2009 04:35:11	Bright	52.000	138	47Eps Vir	2.8280	4700.0	104	40725	No
77	GOM_NL__2PRFIN20091214_044108_000000512085_00090_40725_6485.N1	14-DEC-2009 04:41:08	Tw_i_and_stray	50.500	15	67Alp Vir	0.97600	28000.	101	40725	No
78	GOM_NL__2PRFIN20091214_044437_000000472085_00090_40725_6486.N1	14-DEC-2009 04:44:37	Twilight	47.000	169	46Gam Hya	2.9910	4700.0	94	40725	No
79	GOM_NL__2PRFIN20091214_044652_000000522085_00090_40725_6487.N1	14-DEC-2009 04:46:52	Dark	52.000	100	4Gam Crv	2.5800	13100.	104	40725	No
80	GOM_NL__2PRFIN20091214_044828_000000552085_00090_40725_6488.N1	14-DEC-2009 04:48:28	Dark	54.500	171	2Eps Crv	3.0010	4250.0	109	40725	No
81	GOM_NL__2PRFIN20091214_045200_000000482085_00090_40725_6489.N1	14-DEC-2009 04:52:00	Dark	48.000	64	Gam Cen	2.2000	10600.	96	40725	No
82	GOM_NL__2PRFIN20091214_045336_000000402085_00091_40726_6492.N1	14-DEC-2009 04:53:36	Dark	39.500	99	Del Cen	2.5750	26000.	79	40726	No
83	GOM_NL__2PRFIN20091214_045722_000000442085_00091_40726_6493.N1	14-DEC-2009 04:57:22	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	40726	No
84	GOM_NL__2PRFIN20091214_050116_000000412085_00091_40726_6494.N1	14-DEC-2009 05:01:16	Dark	41.000	71	lot Car	2.2460	7700.0	82	40726	No
85	GOM_NL__2PRFIN20091214_050553_000000502085_00091_40726_6495.N1	14-DEC-2009 05:05:53	Dark	50.000	34	Gam2Vel	1.7930	23000.	100	40726	No
86	GOM_NL__2PRFIN20091214_050809_000000462085_00091_40726_6496.N1	14-DEC-2009 05:08:09	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	40726	No
87	GOM_NL__2PRFIN20091214_051048_000000542085_00091_40726_6497.N1	14-DEC-2009 05:10:48	Dark	54.000	117	Pi Pup	2.7060	3800.0	108	40726	No
88	GOM_NL__2PRFIN20091214_051408_000000562085_00091_40726_6498.N1	14-DEC-2009 05:14:08	Straylight	55.500	23	21Eps CMa	1.5020	26000.	111	40726	No
89	GOM_NL__2PRFIN20091214_051849_000000542085_00091_40726_6499.N1	14-DEC-2009 05:18:49	Straylight	54.000	47	2Bet CMa	1.9760	28000.	108	40726	No
90	GOM_NL__2PRFIN20091214_052224_000000492085_00091_40726_6500.N1	14-DEC-2009 05:22:24	Straylight	48.500	7	19Bet Ori	0.10000	14000.	97	40726	No
91	GOM_NL__2PRFIN20091214_052444_000000492085_00091_40726_6501.N1	14-DEC-2009 05:24:44	Straylight	48.500	30	46Eps Ori	1.6940	30000.	97	40726	No
92	GOM_NL__2PRFIN20091214_052759_000000612085_00091_40726_6502.N1	14-DEC-2009 05:27:59	Tw_i_and_stray	61.000	14	58Alp Ori	0.87000	3000.0	122	40726	No
93	GOM_NL__2PRFIN20091214_052948_000000502085_00091_40726_6503.N1	14-DEC-2009 05:29:48	Tw_i_and_stray	49.500	13	87Alp Tau	0.86700	3800.0	99	40726	No
94	GOM_NL__2PRFIN20091214_053211_000000442085_00091_40726_6504.N1	14-DEC-2009 05:32:11	Bright	44.000	176	23Zet Tau	3.0200	22000.	88	40726	No
95	GOM_NL__2PRFIN20091214_053414_000000442085_00091_40726_6505.N1	14-DEC-2009 05:34:14	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	40726	No
96	GOM_NL__2PRFIN20091214_053757_000000462085_00091_40726_6506.N1	14-DEC-2009 05:37:57	Bright	46.000	107	37The Aur	2.6490	11000.	92	40726	No
97	GOM_NL__2PRFIN20091214_054006_000000432085_00091_40726_6507.N1	14-DEC-2009 05:40:06	Bright	43.000	42	34Bet Aur	1.9000	10200.	86	40726	No
98	GOM_NL__2PRFIN20091214_055538_000000492085_00091_40726_6508.N1	14-DEC-2009 05:55:38	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	40726	No
99	GOM_NL__2PRFIN20091214_055943_000000402085_00091_40726_6509.N1	14-DEC-2009 05:59:43	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	40726	No
100	GOM_NL__2PRFIN20091214_060214_000000572085_00091_40726_6510.N1	14-DEC-2009 06:02:14	Bright	57.000	39	85Eta UMa	1.8540	24000.	114	40726	No
101	GOM_NL__2PRFIN20091214_060531_000000372085_00091_40726_6511.N1	14-DEC-2009 06:05:31	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	40726	No

3. Quality information per product

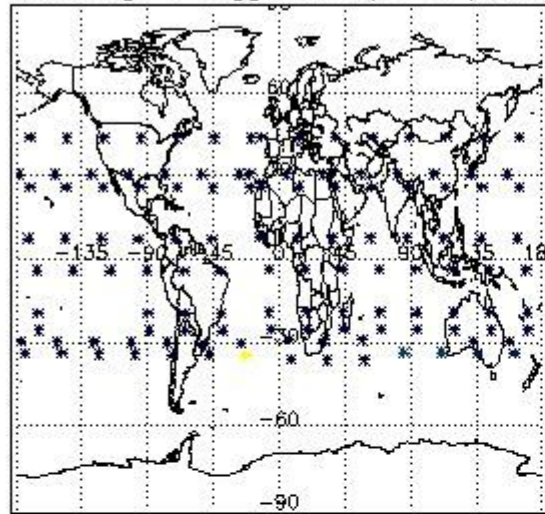
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

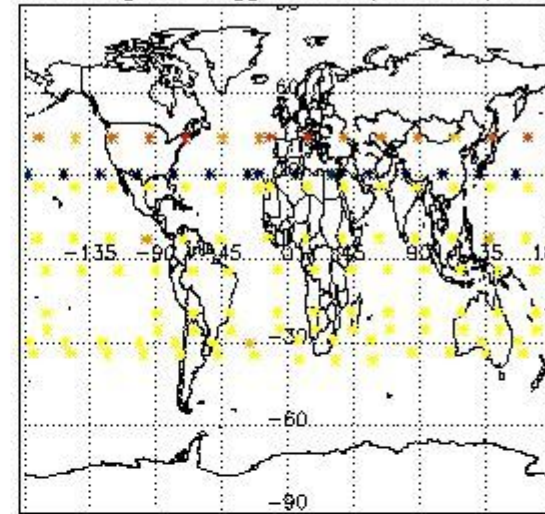


3.2 Plot quality information per product (world map)

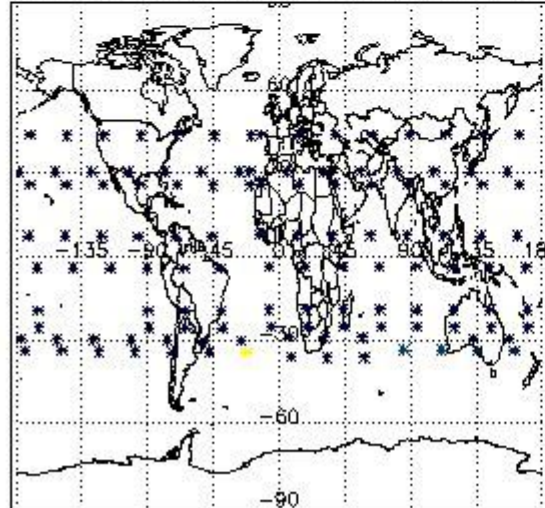
Percentage of flagged data per O3 profile



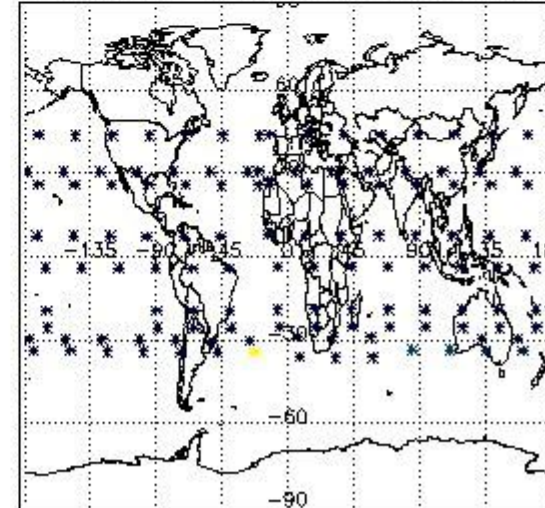
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

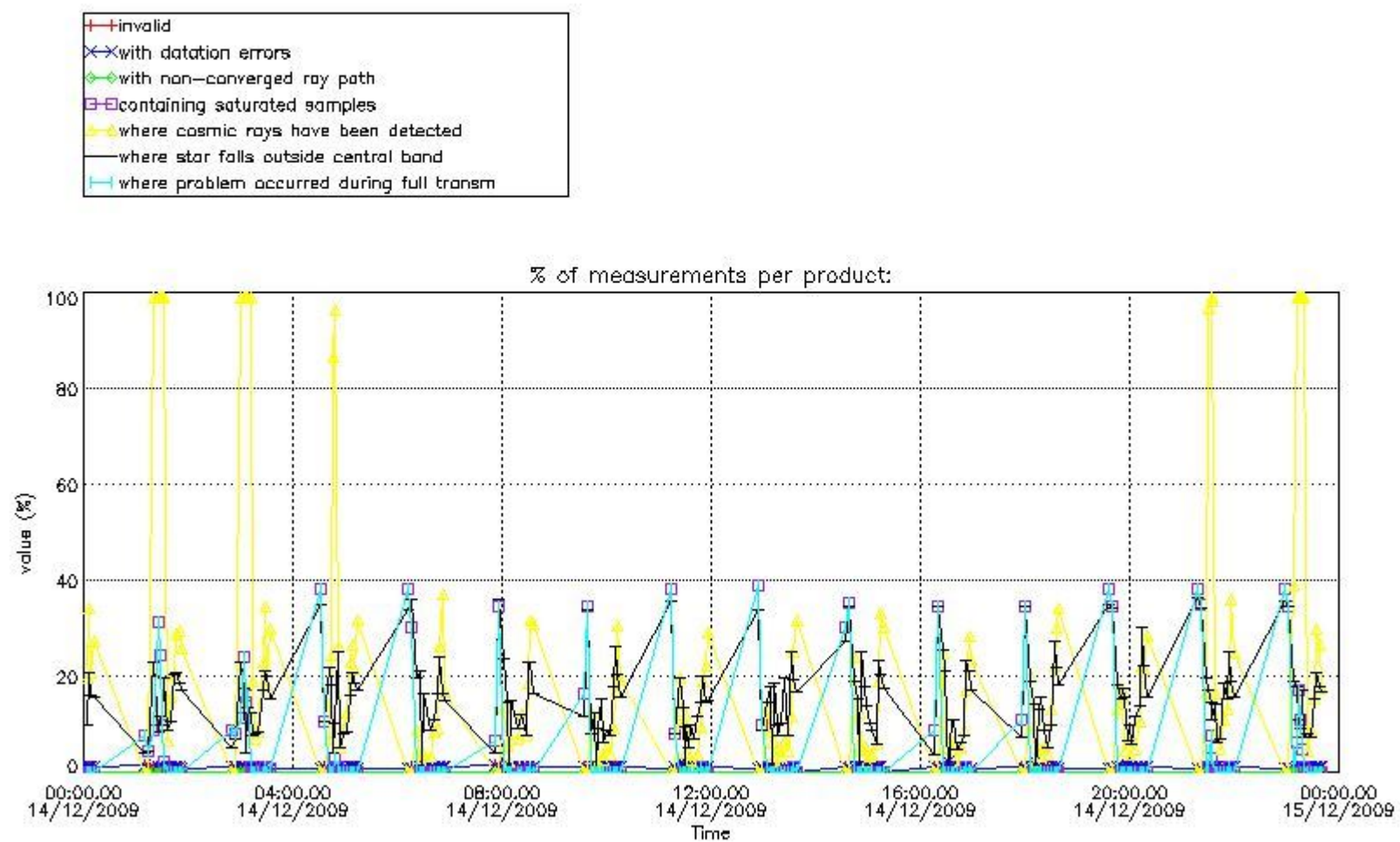


4. Level 1 quality information per product

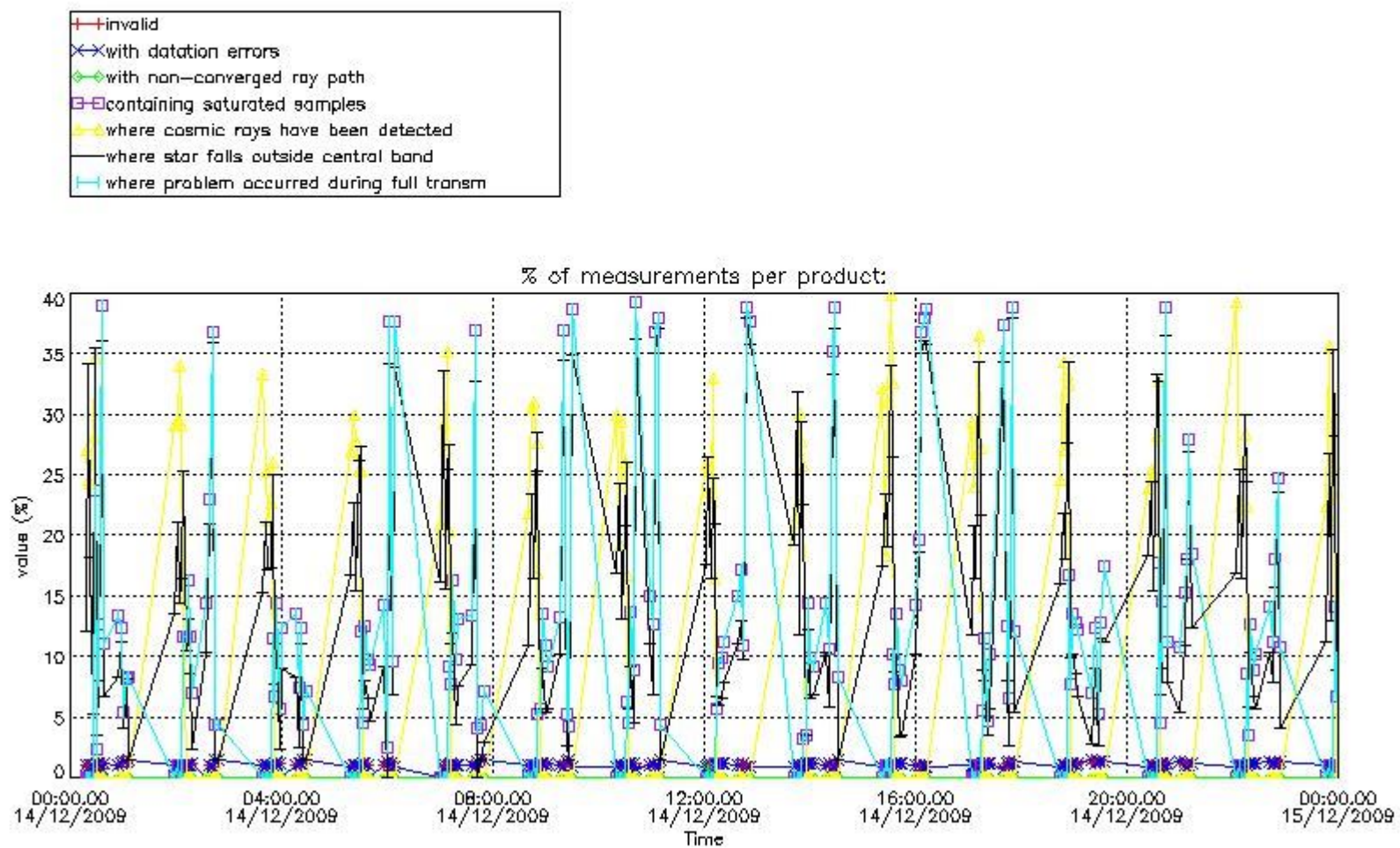
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

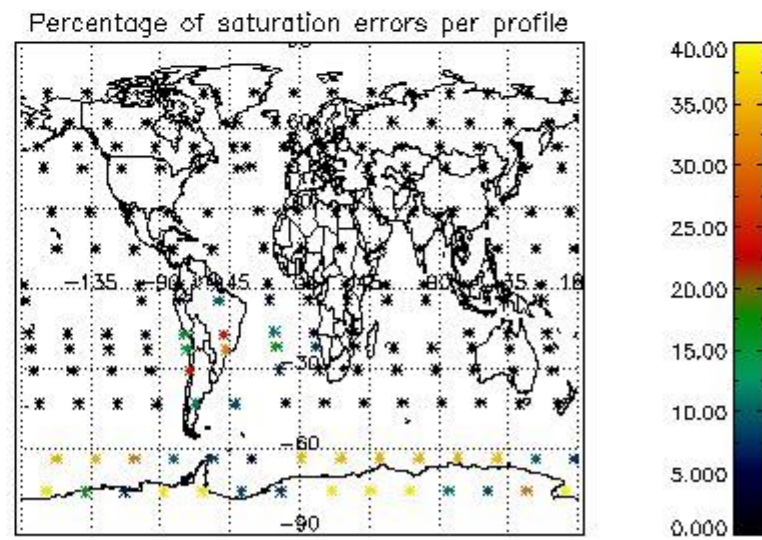
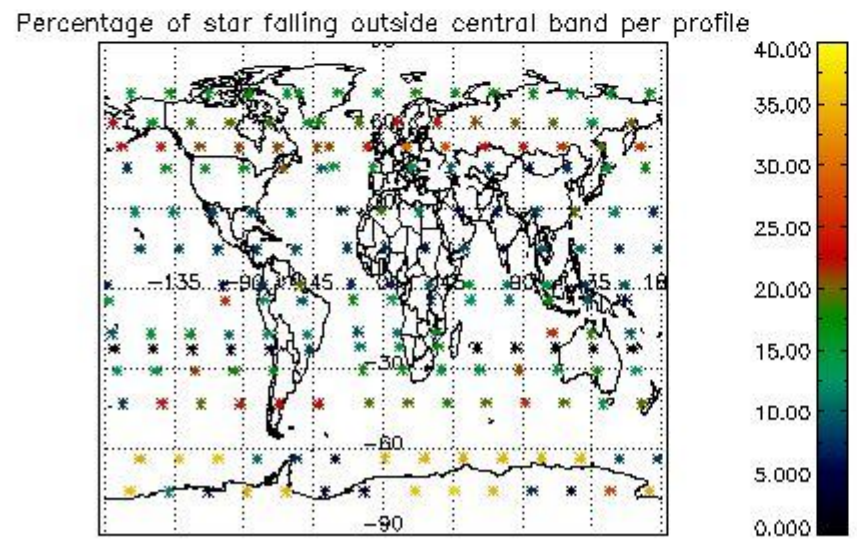
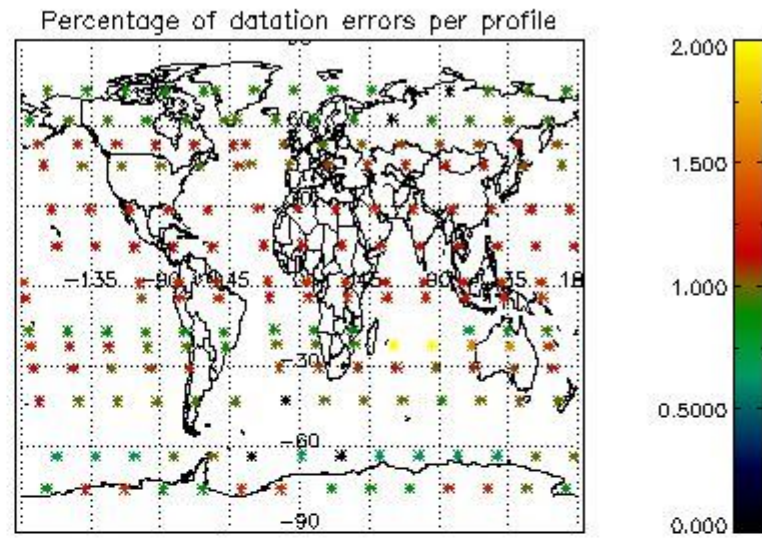
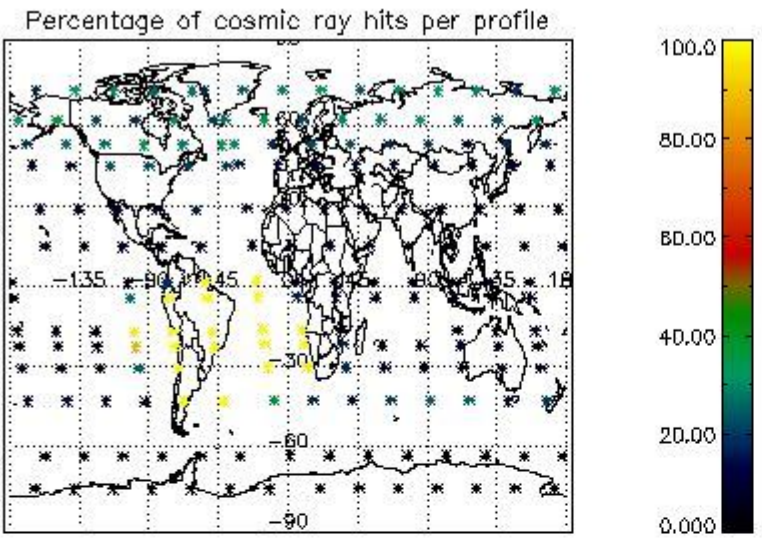


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

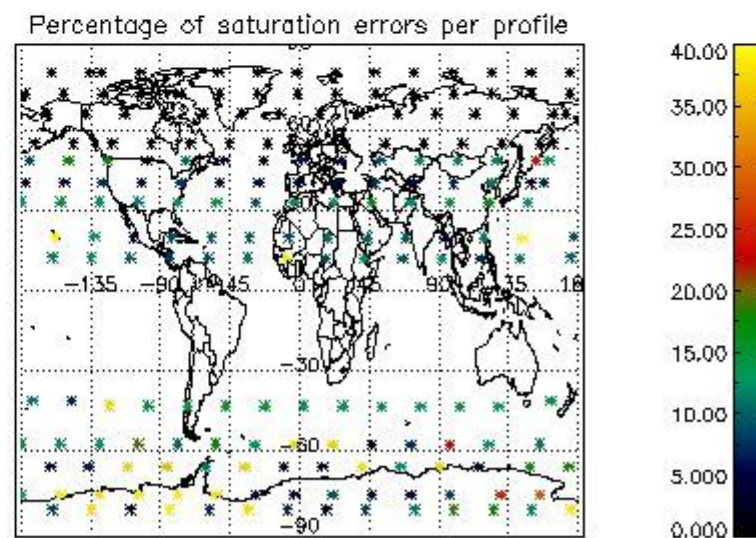
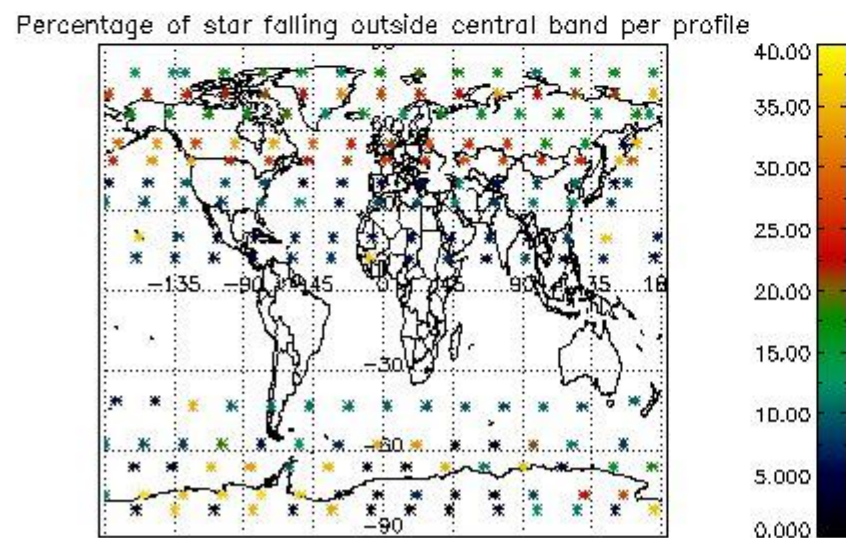
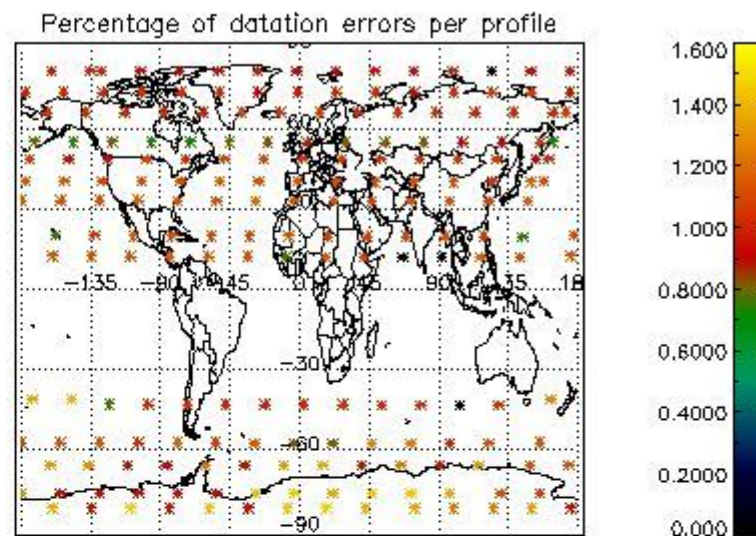
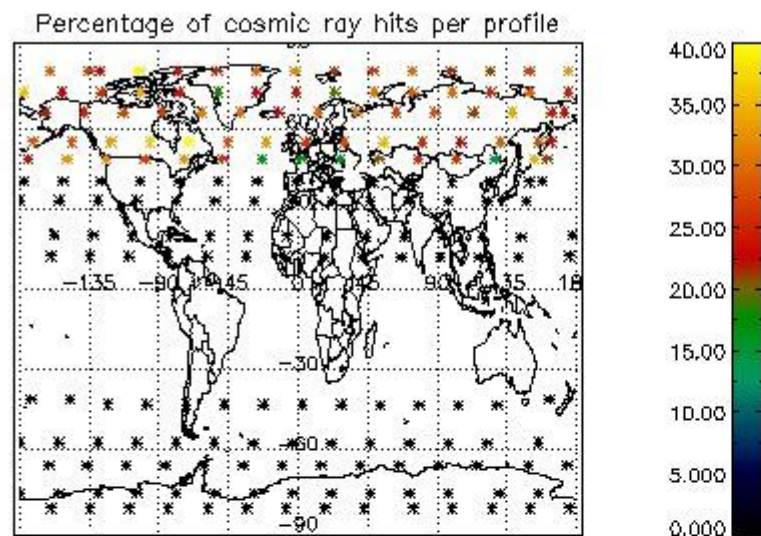


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

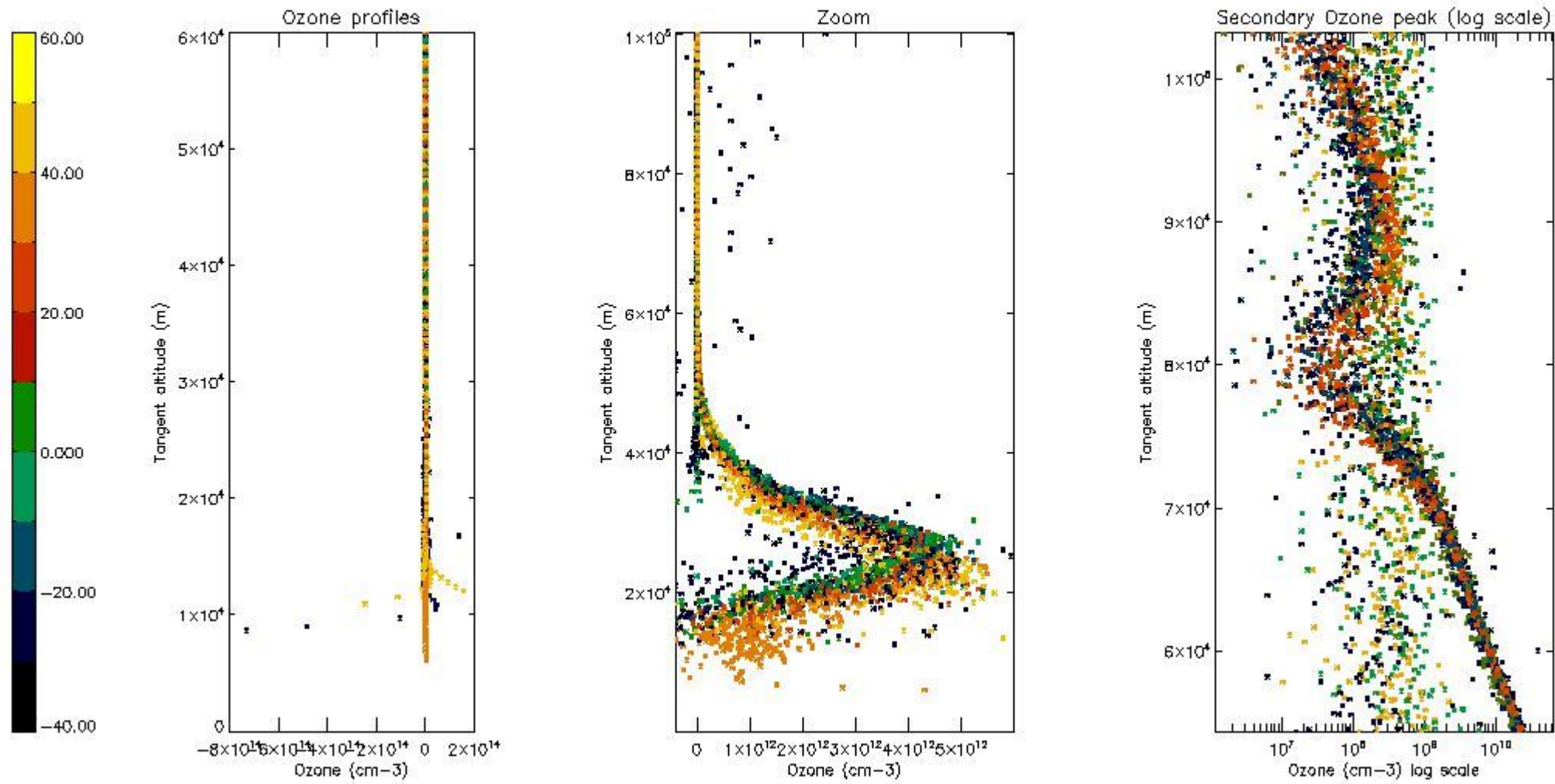
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	13

STD < 10	9
STD < 5	6

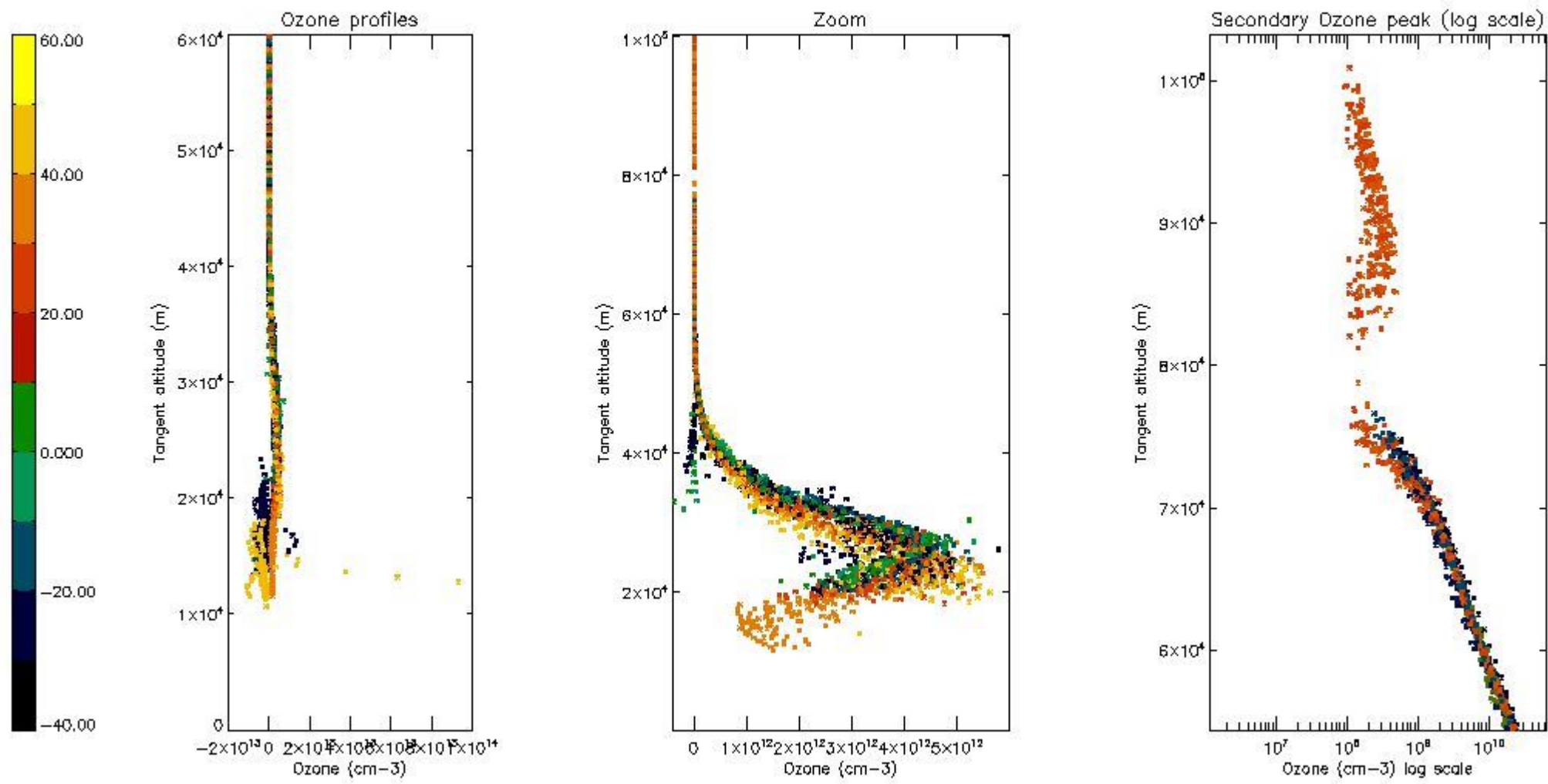
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



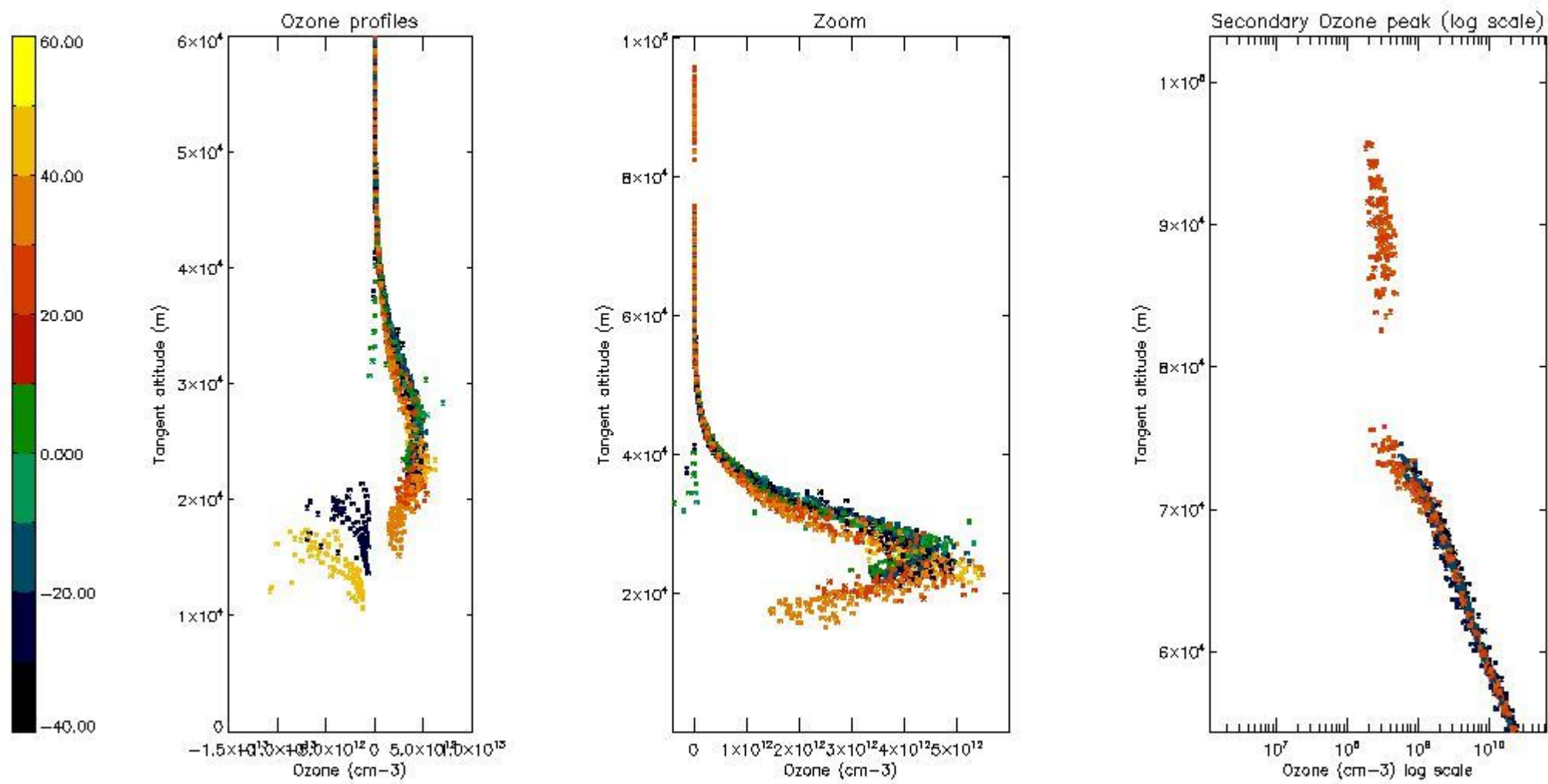
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



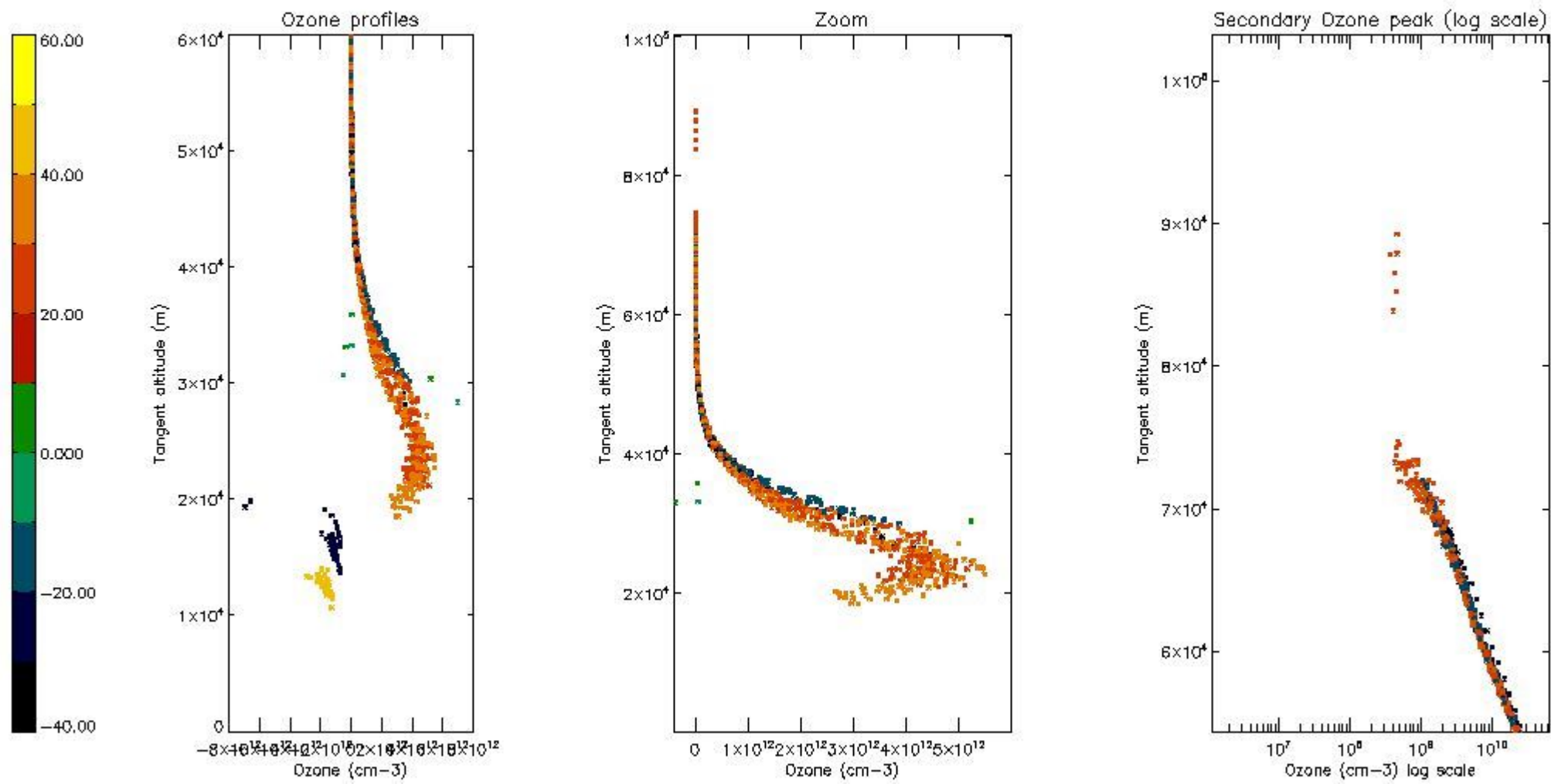
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



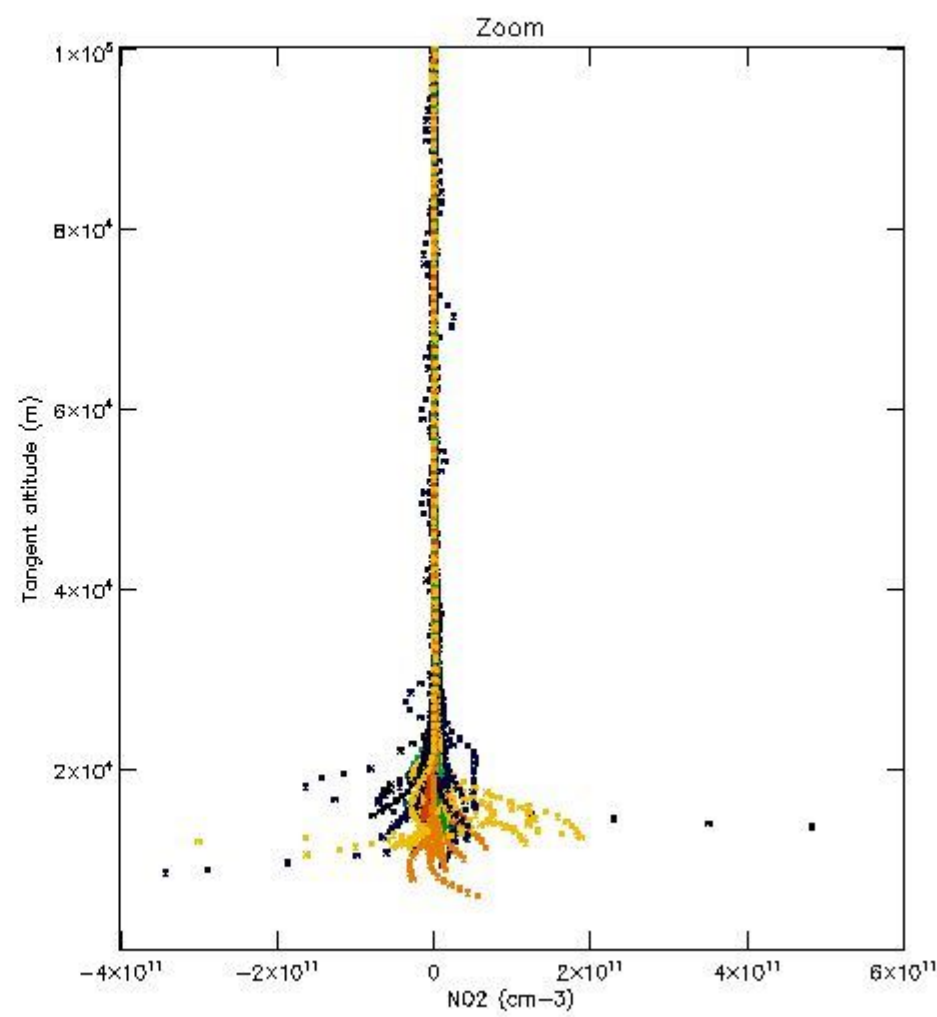
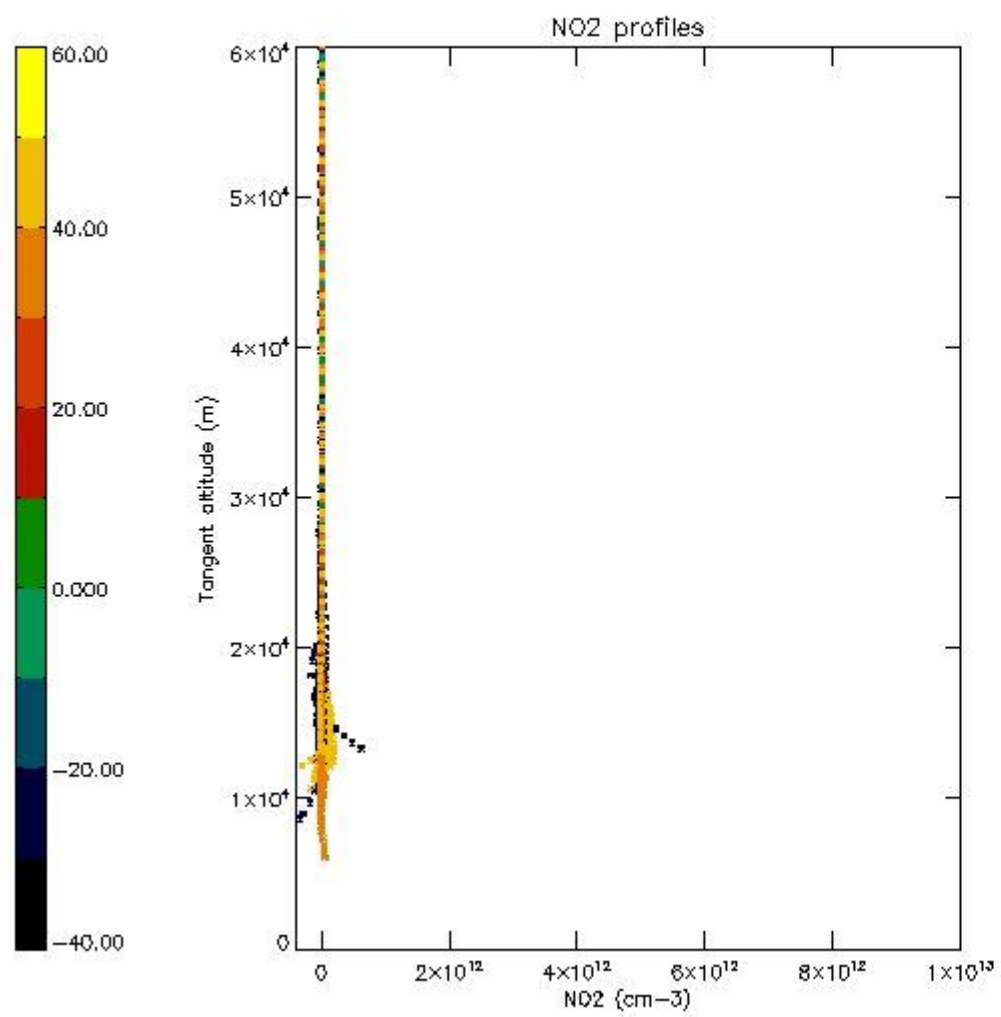
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



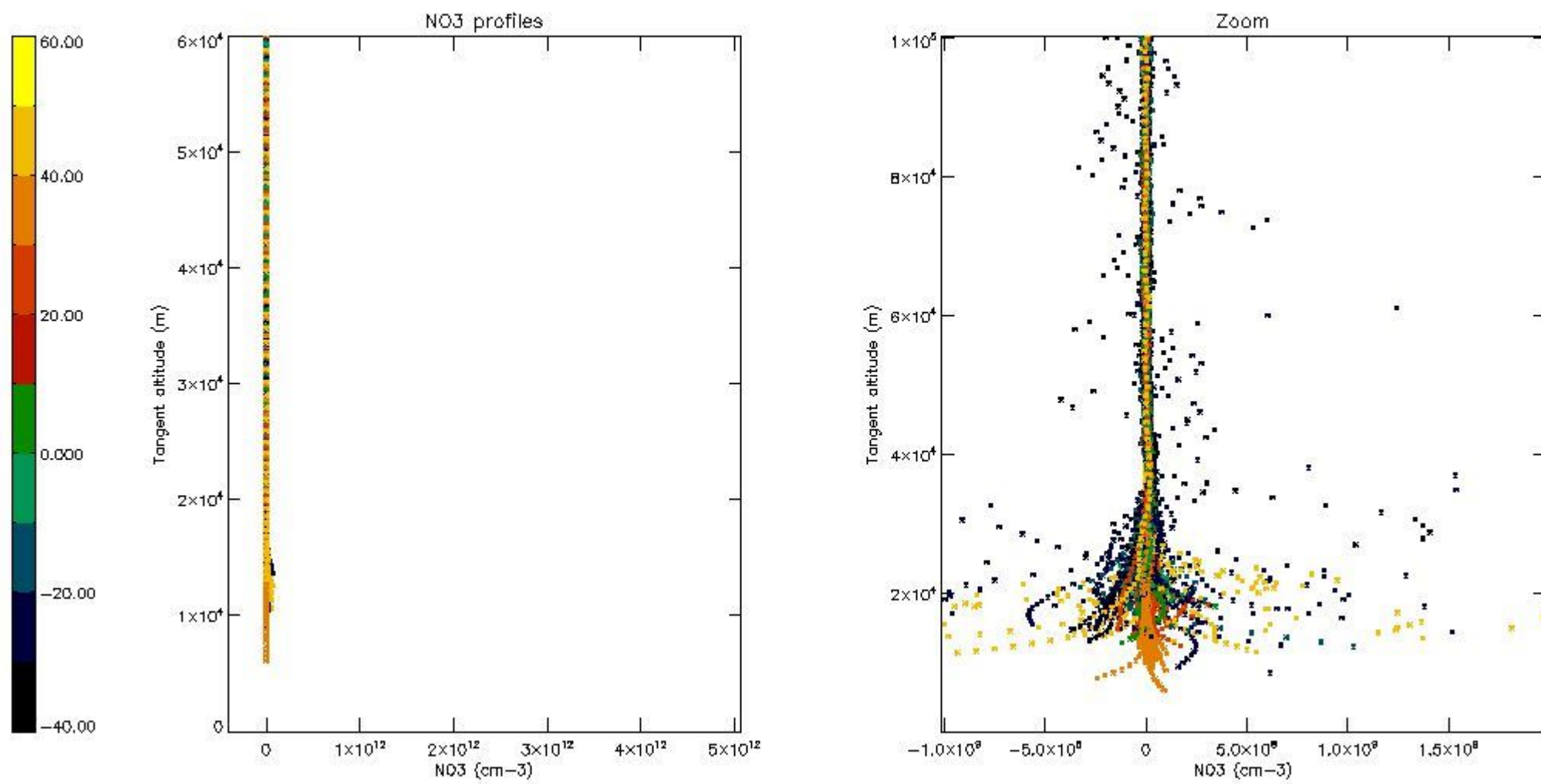
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



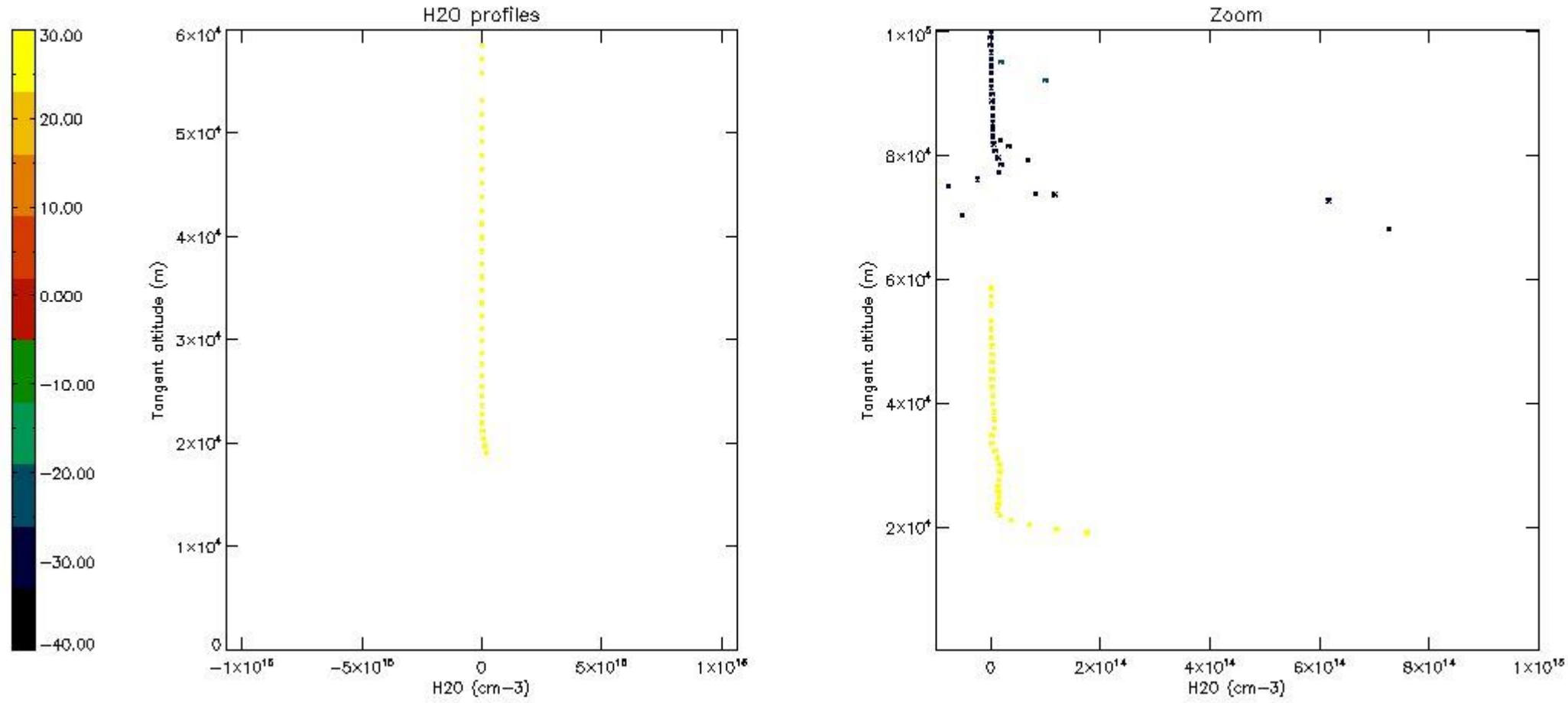
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

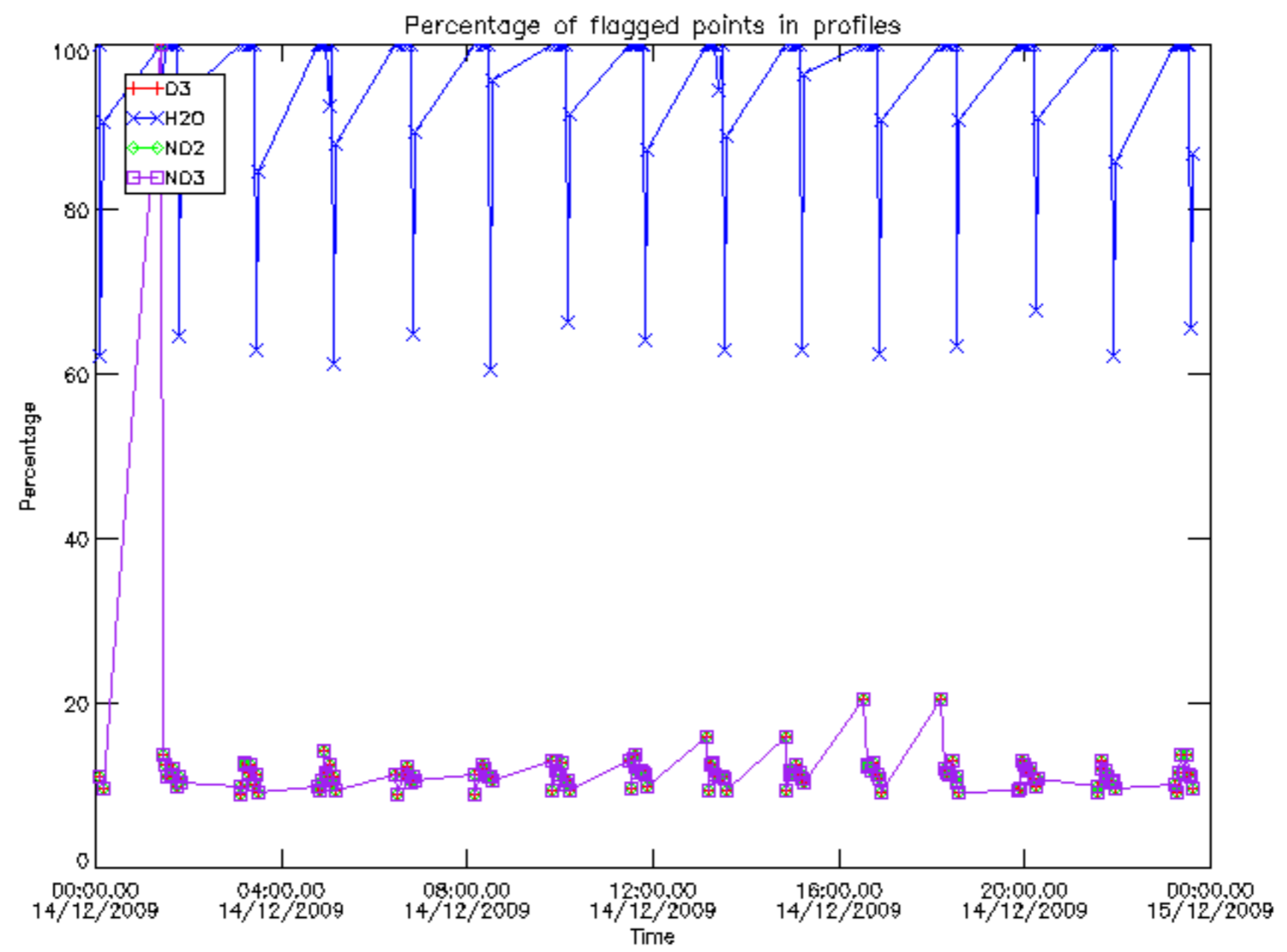
The colorbar represents the latitude.



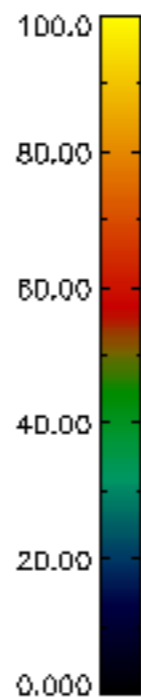
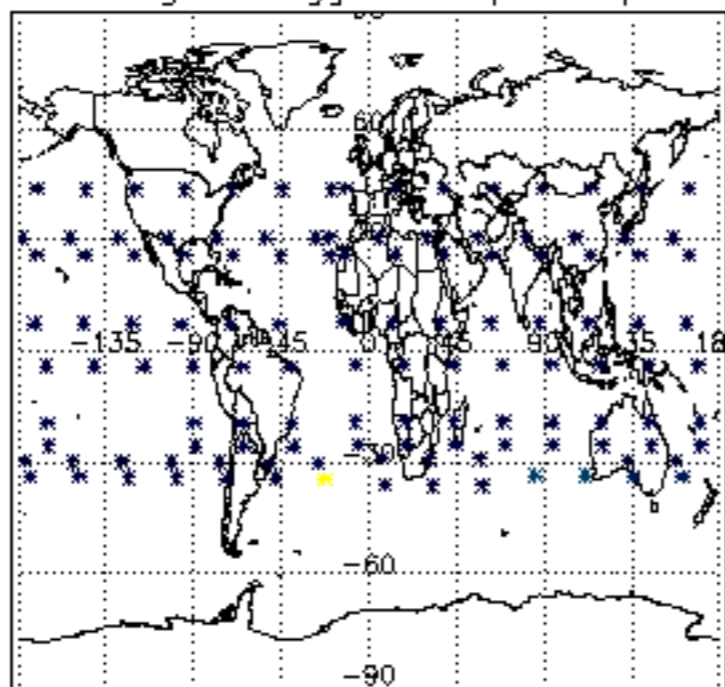
6. Auxiliary Data Files used for the production reported in section 2

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.

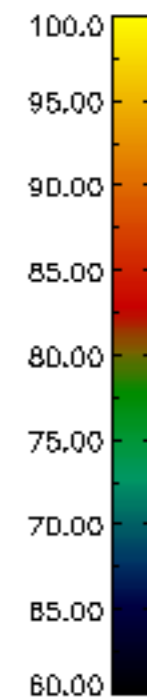
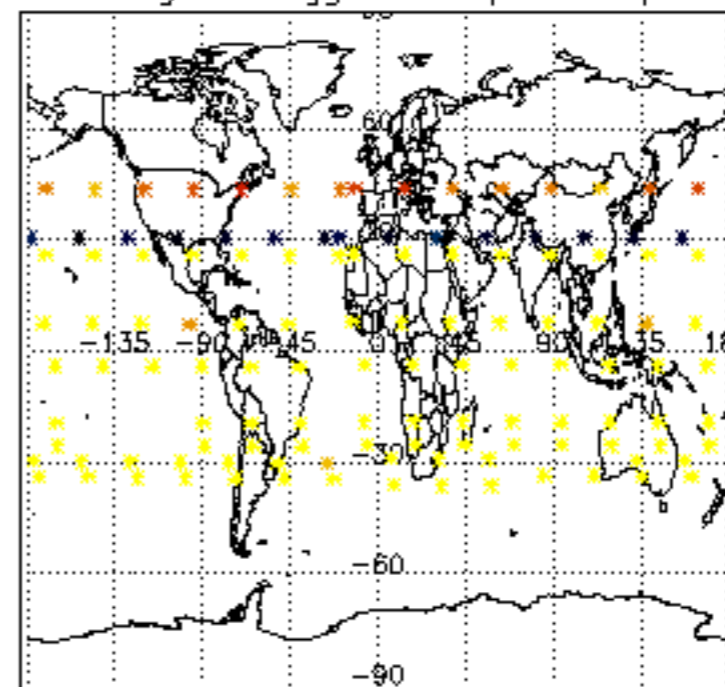
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	14-DEC-2009 00:04:03
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-DEC-2009 00:04:03
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-DEC-2009 00:04:03



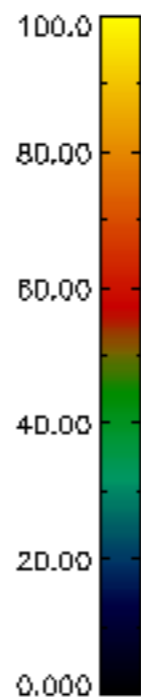
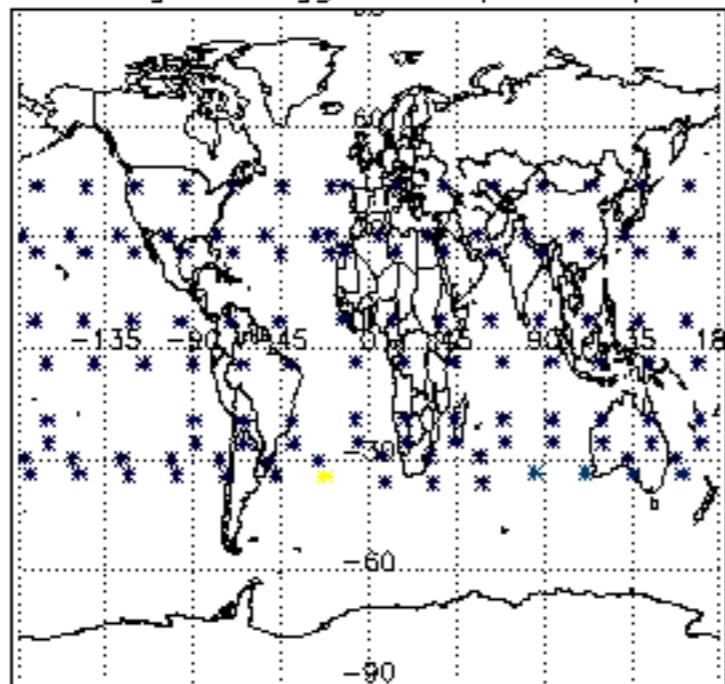
Percentage of flagged data per D3 profile



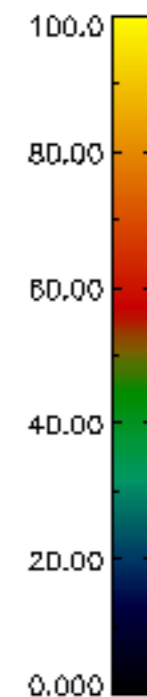
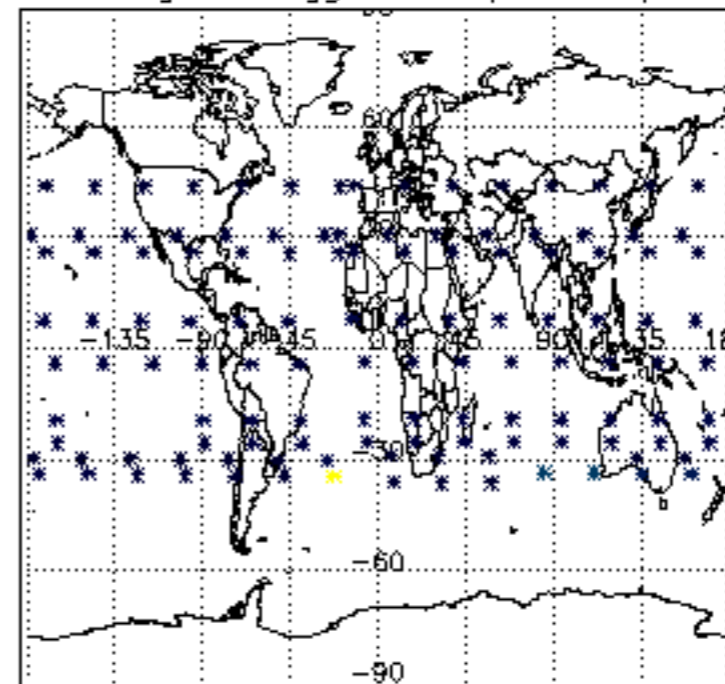
Percentage of flagged data per H2O profile

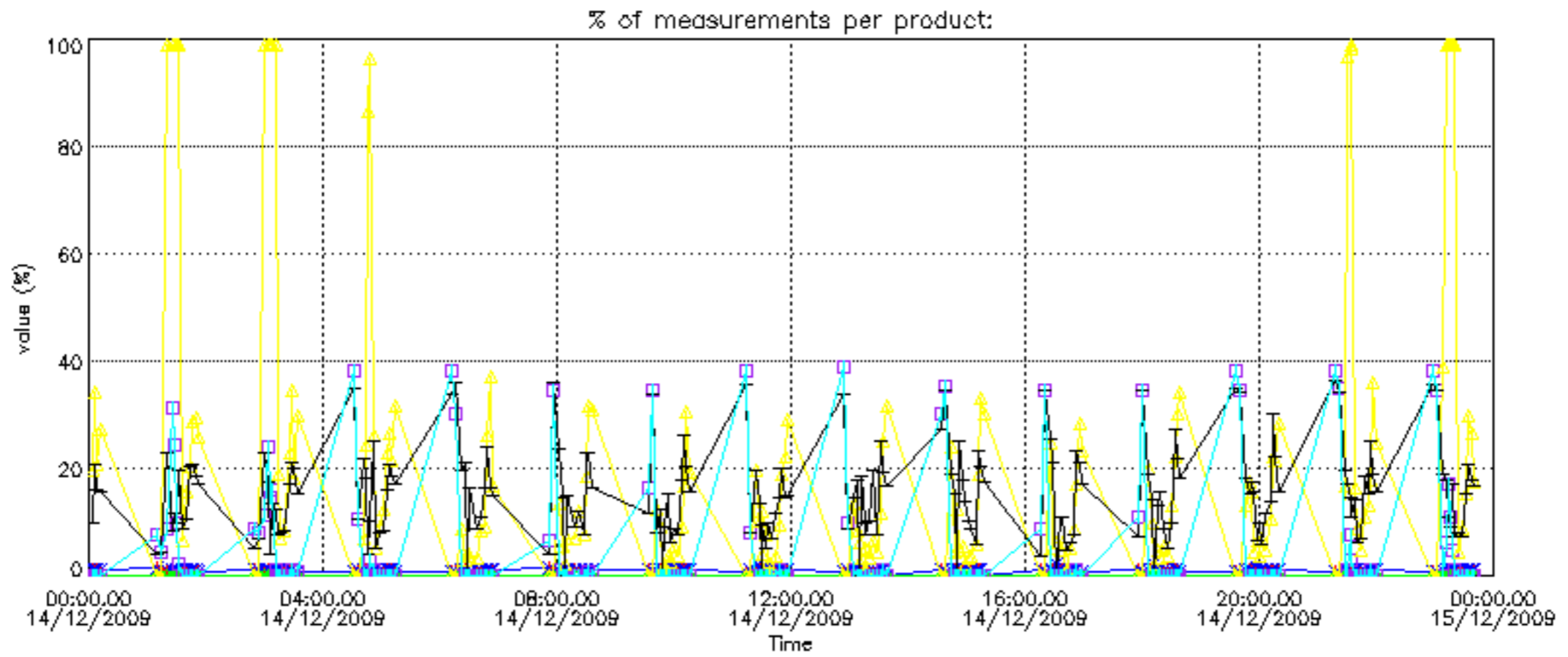


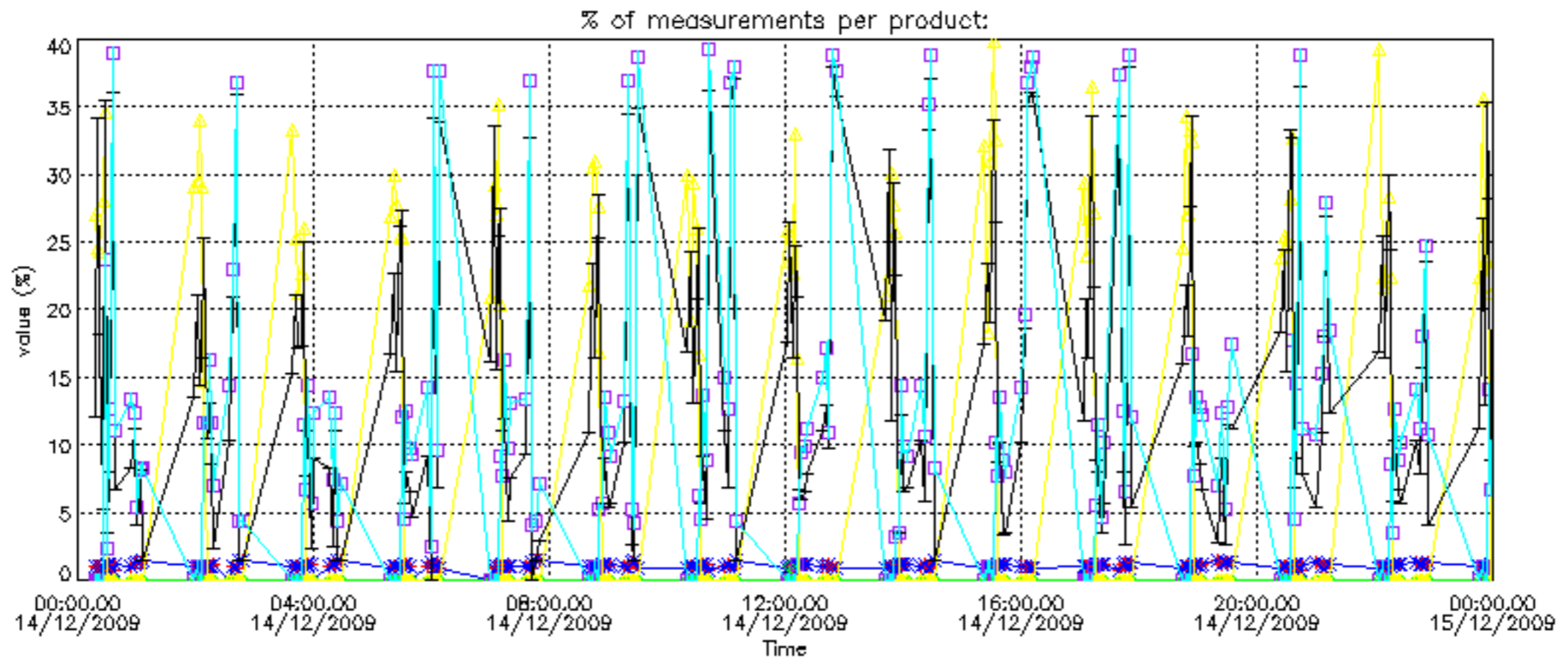
Percentage of flagged data per NO2 profile



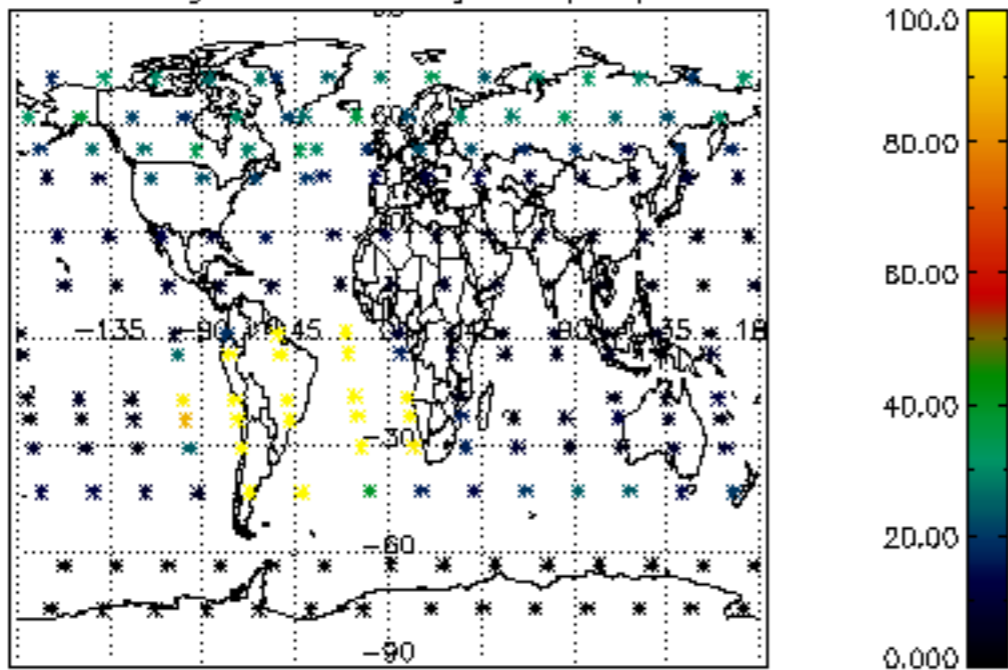
Percentage of flagged data per NO3 profile



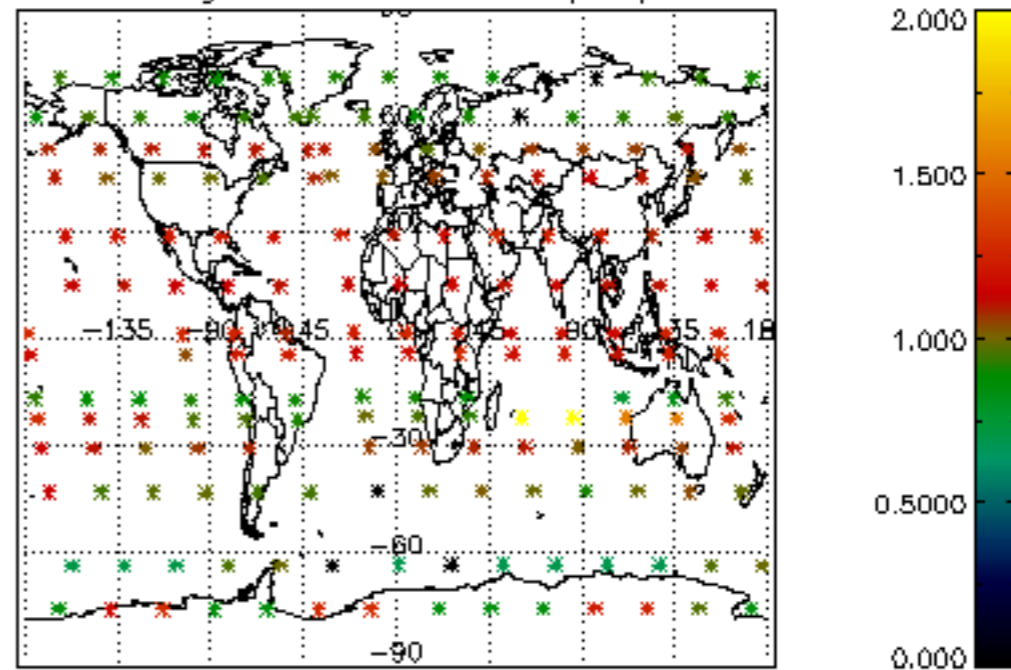




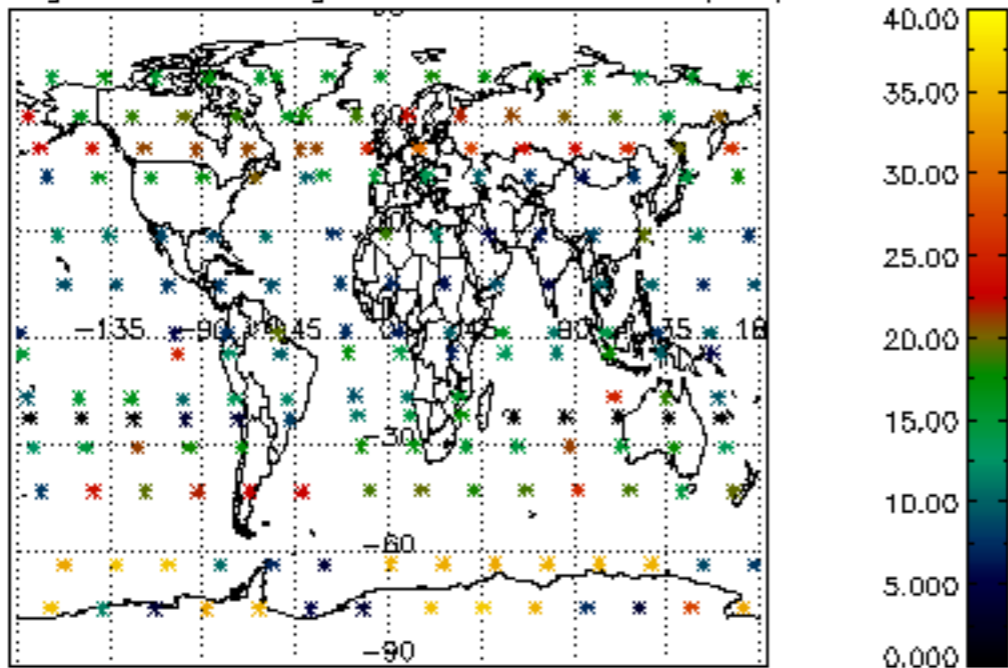
Percentage of cosmic ray hits per profile



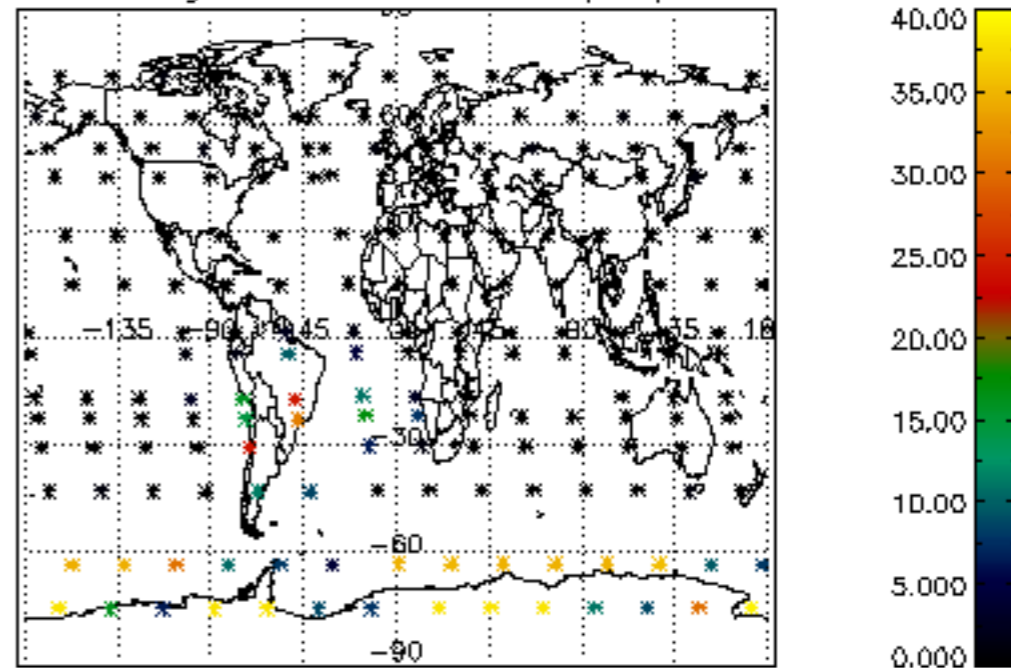
Percentage of datation errors per profile



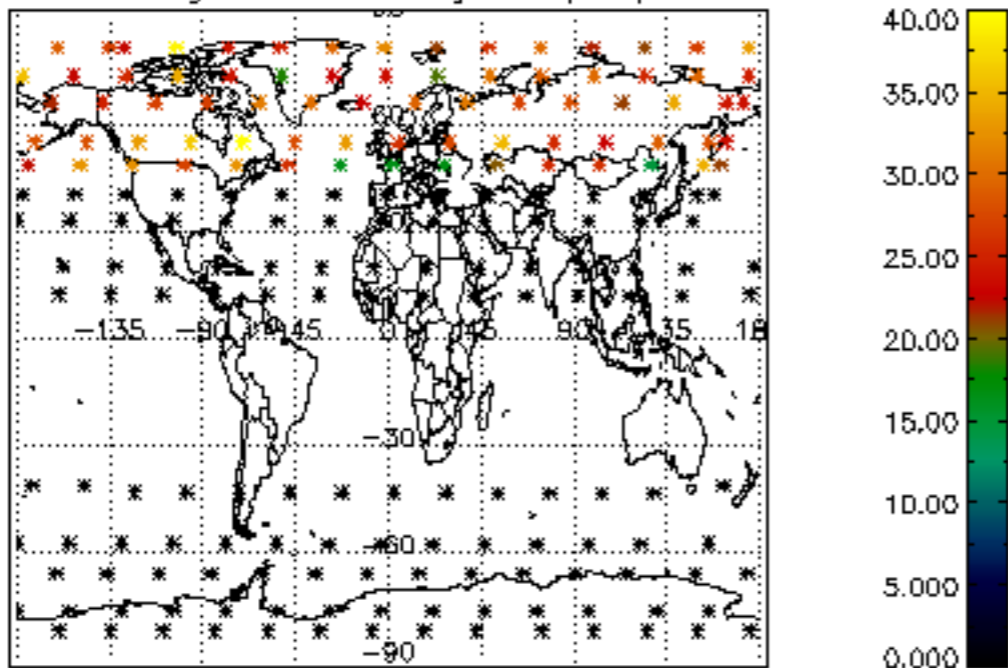
Percentage of star falling outside central band per profile



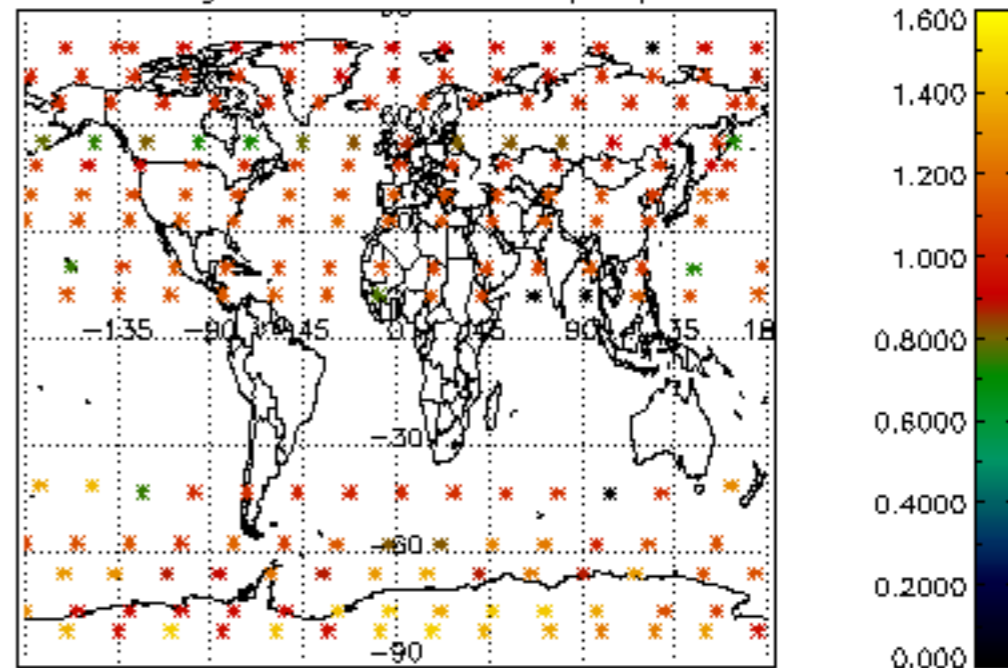
Percentage of saturation errors per profile



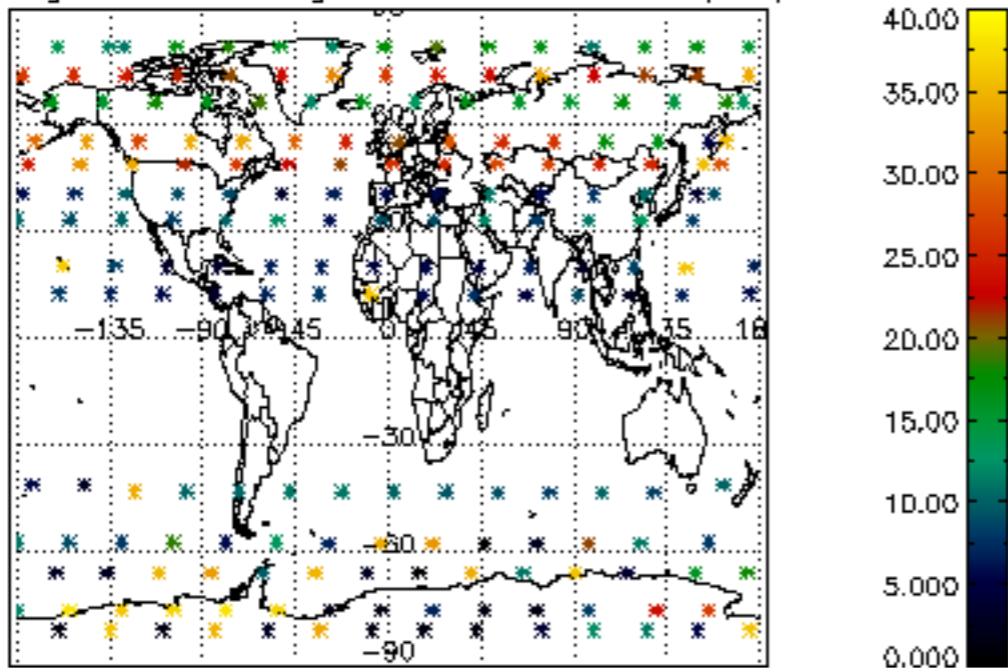
Percentage of cosmic ray hits per profile



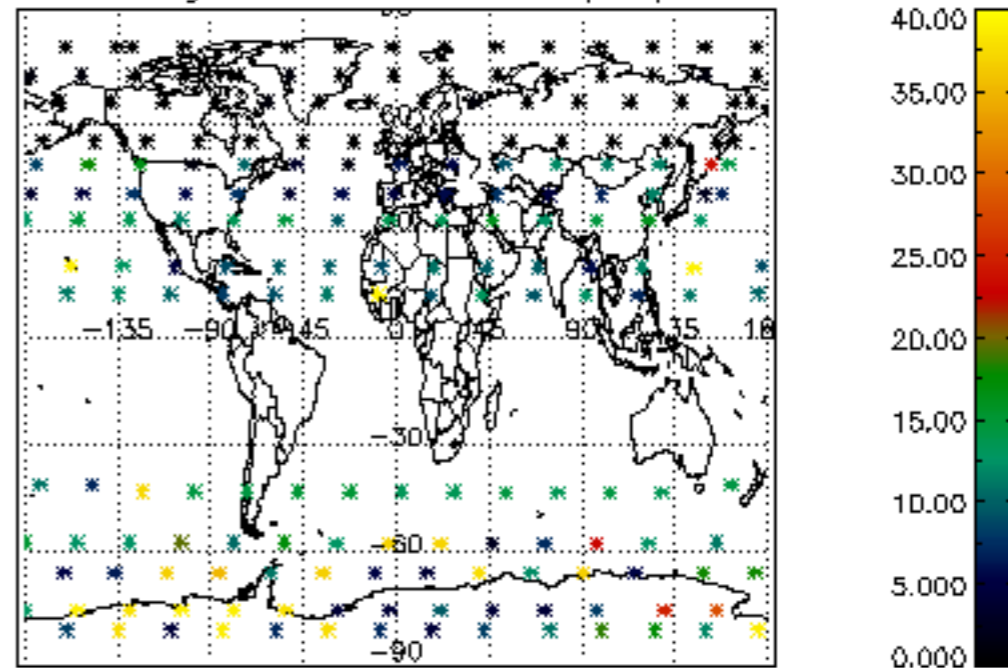
Percentage of datation errors per profile

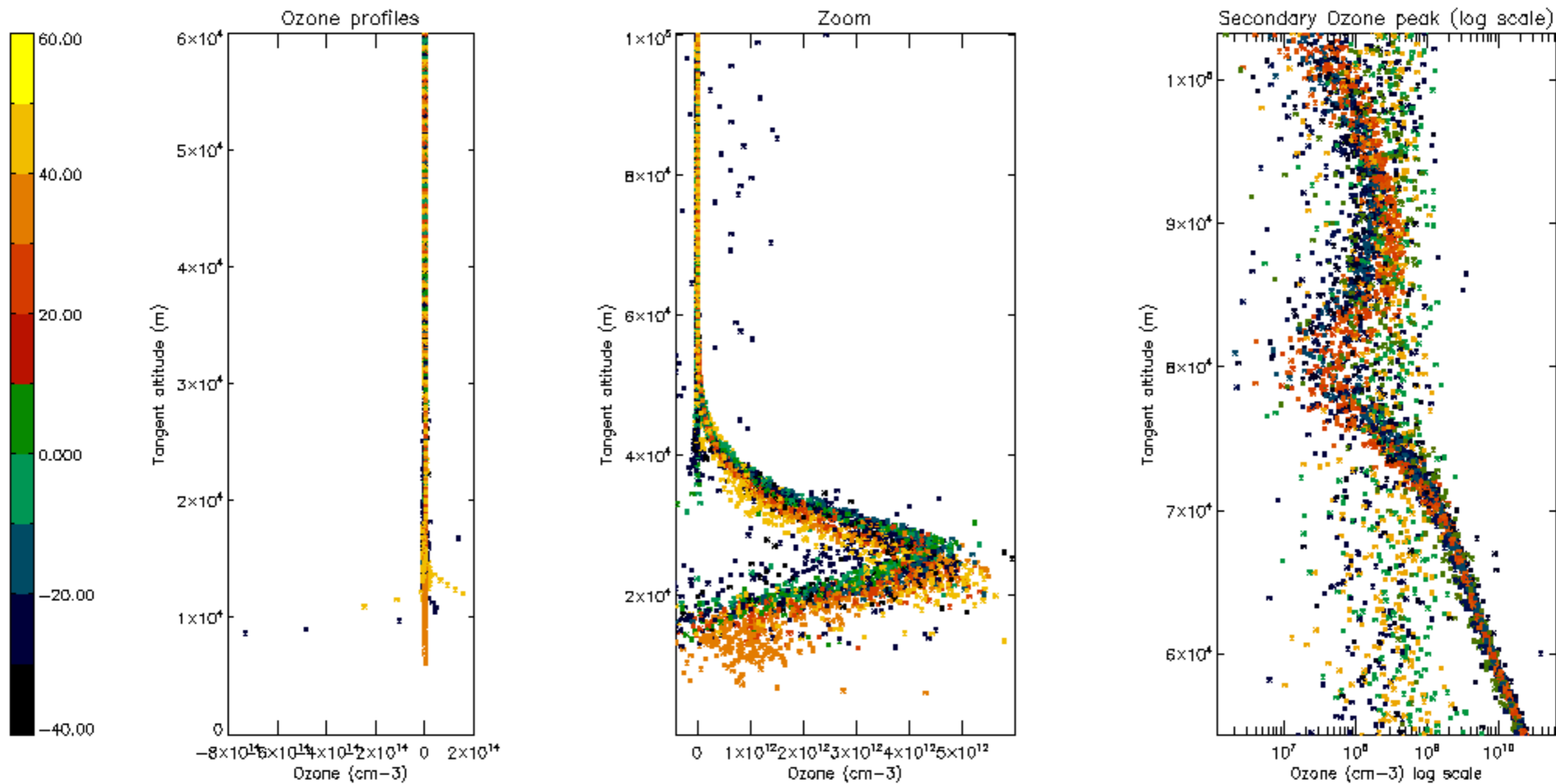


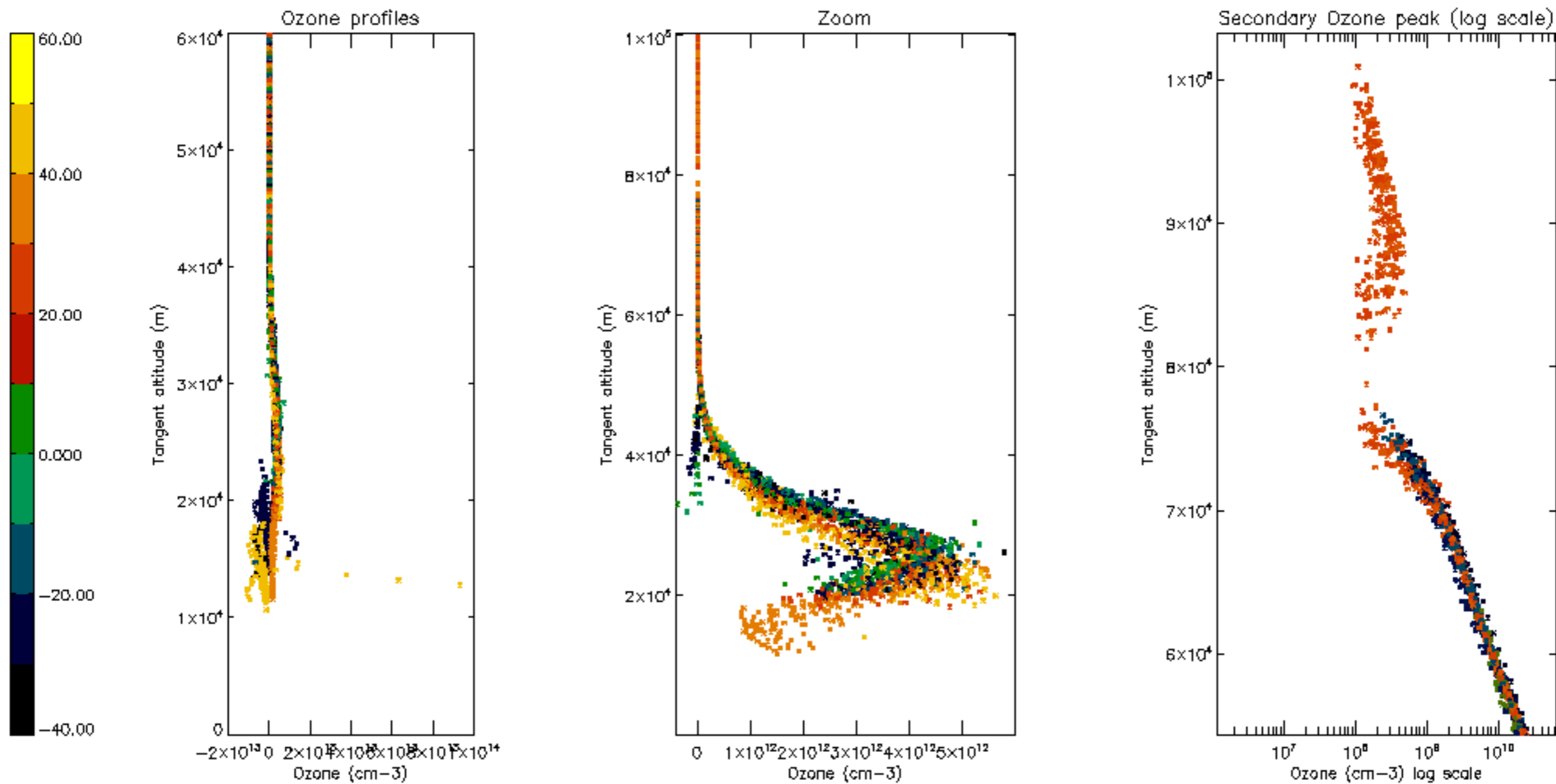
Percentage of star falling outside central band per profile

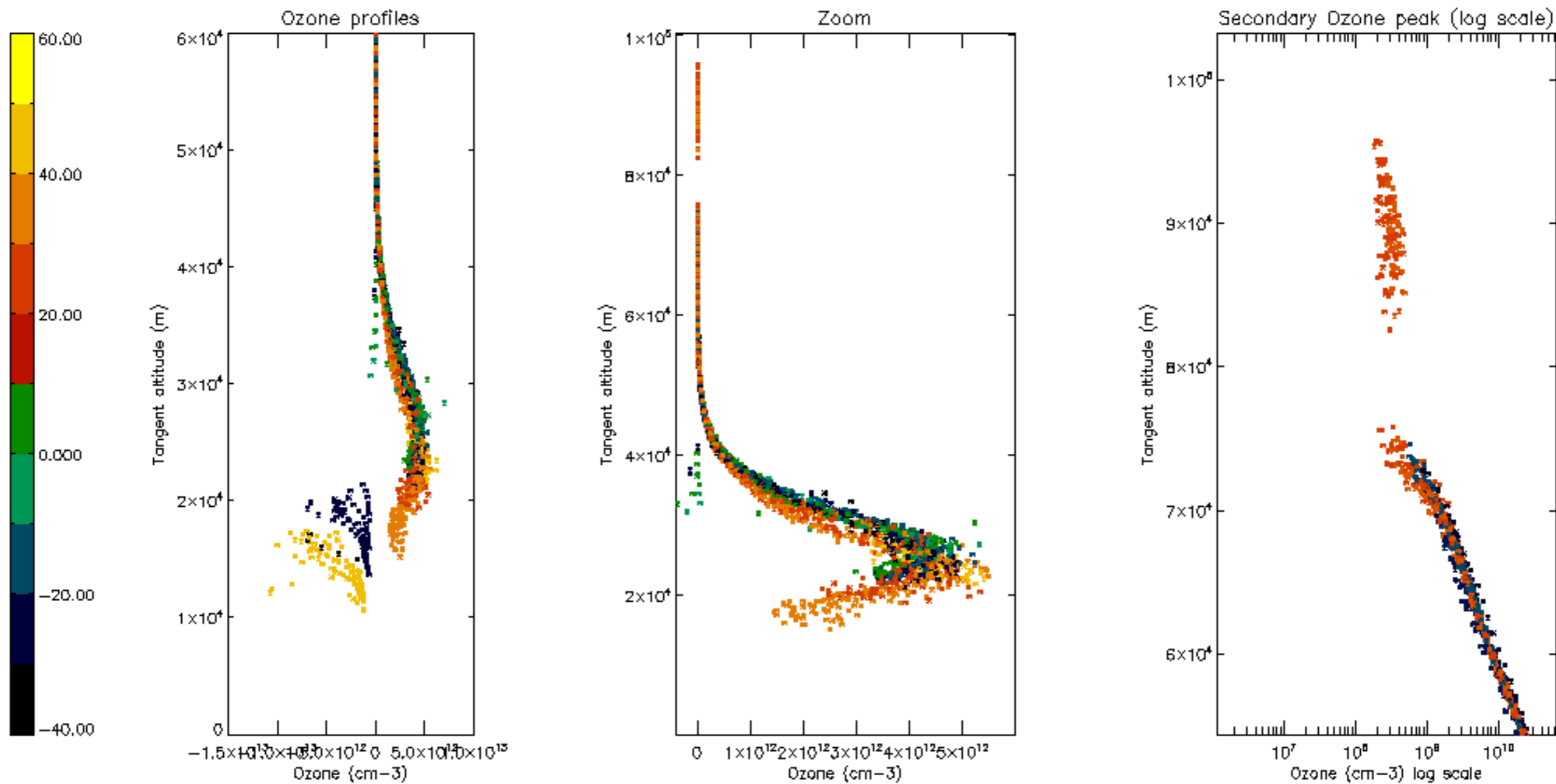


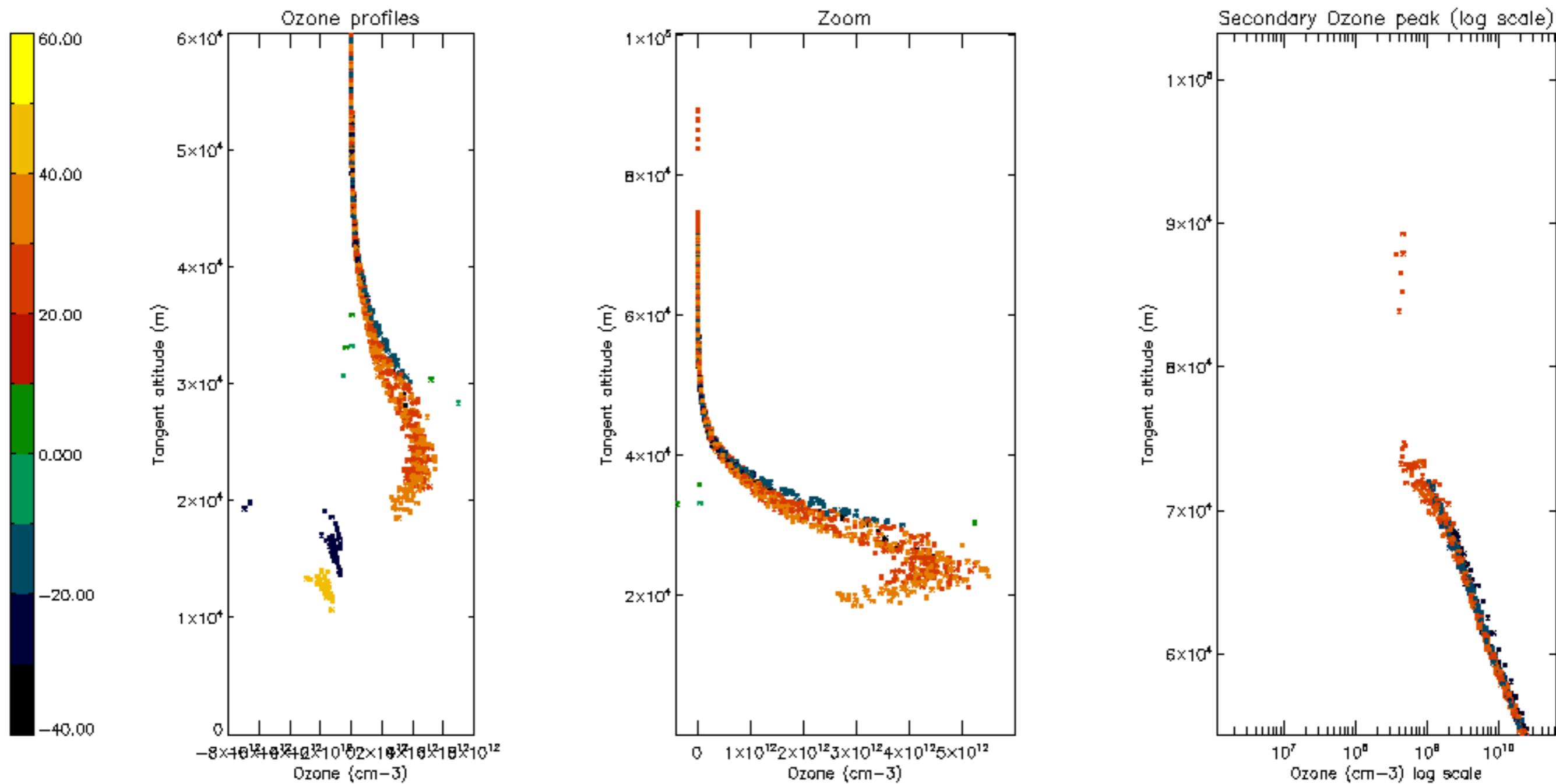
Percentage of saturation errors per profile

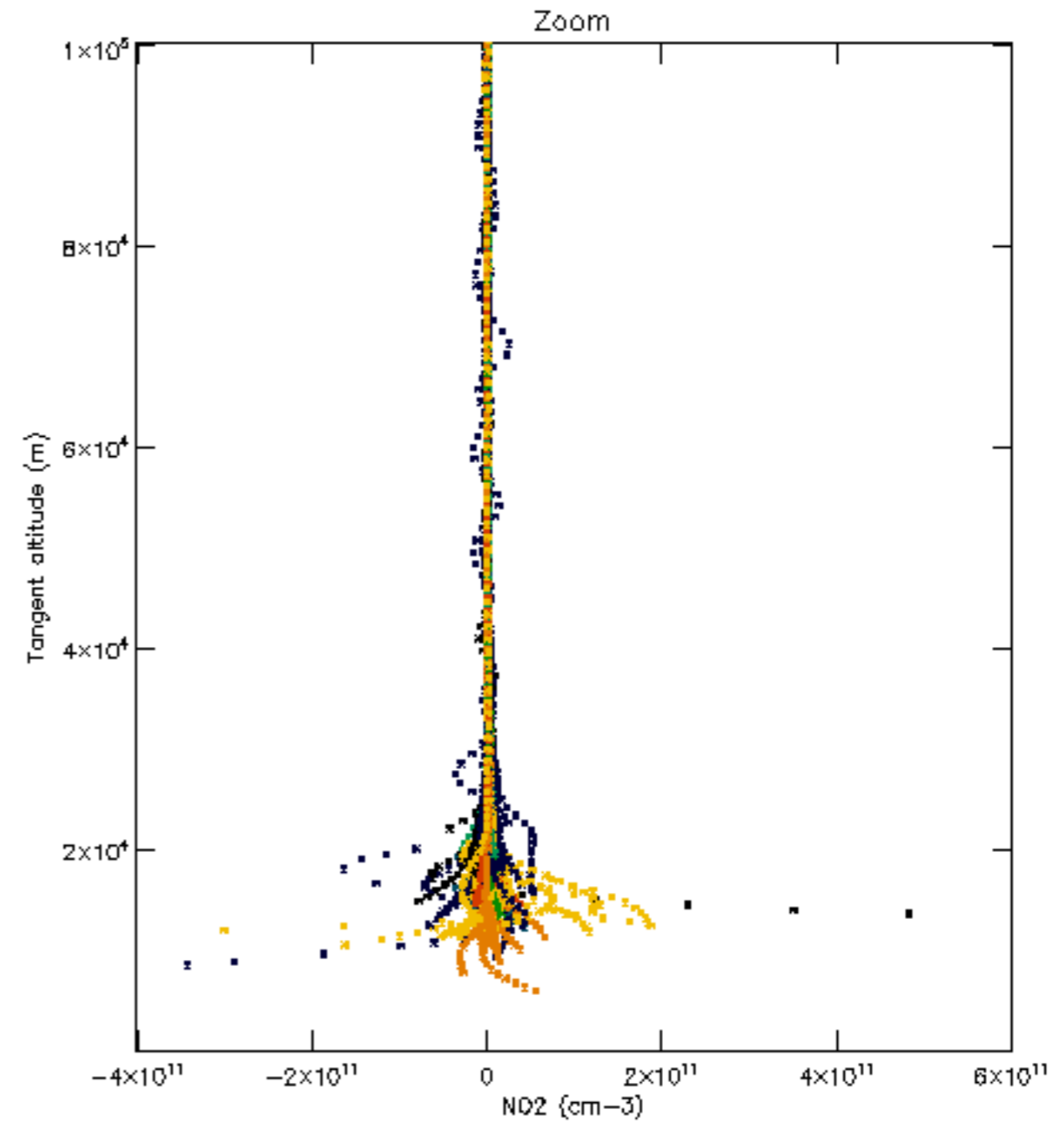
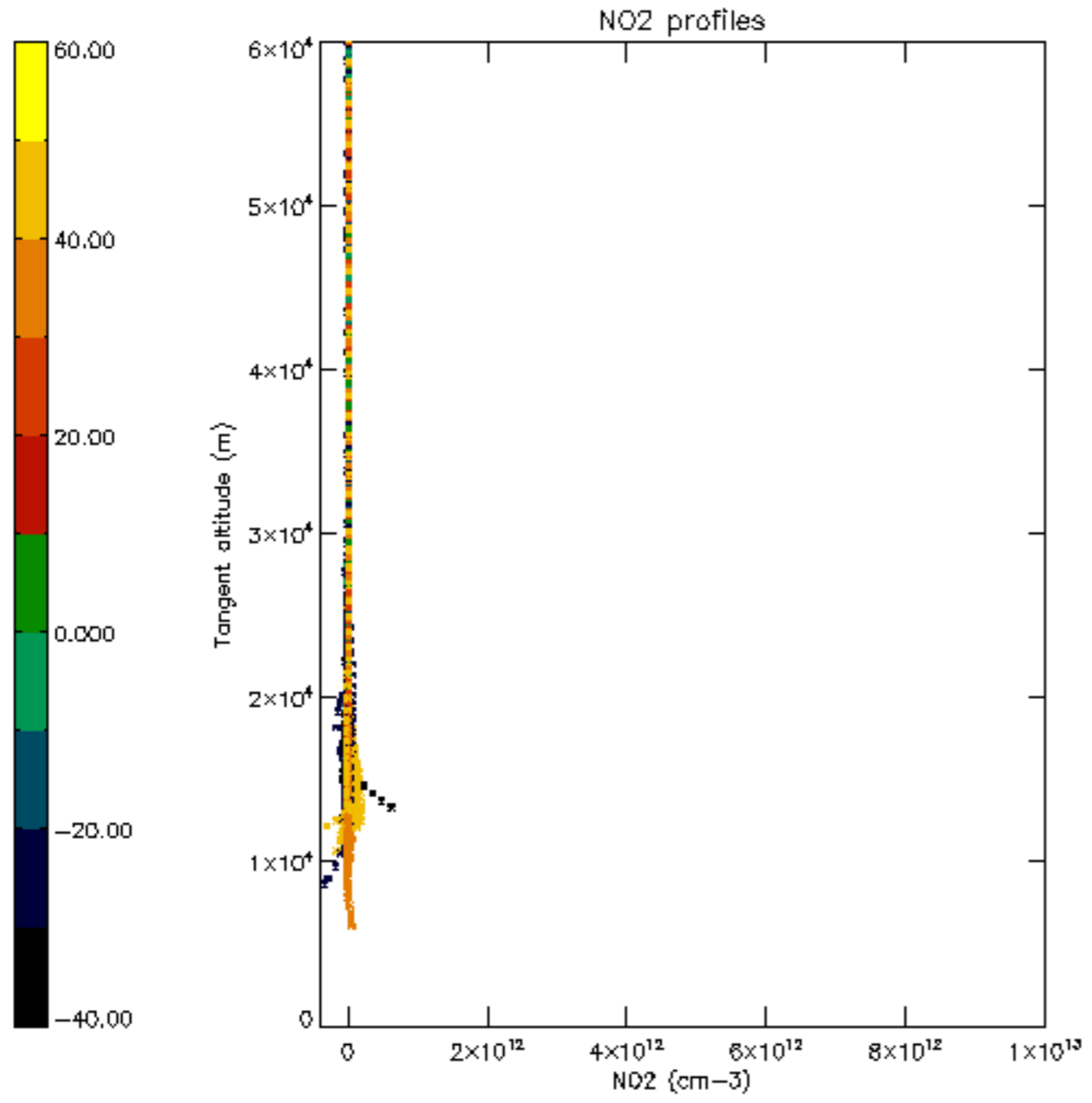


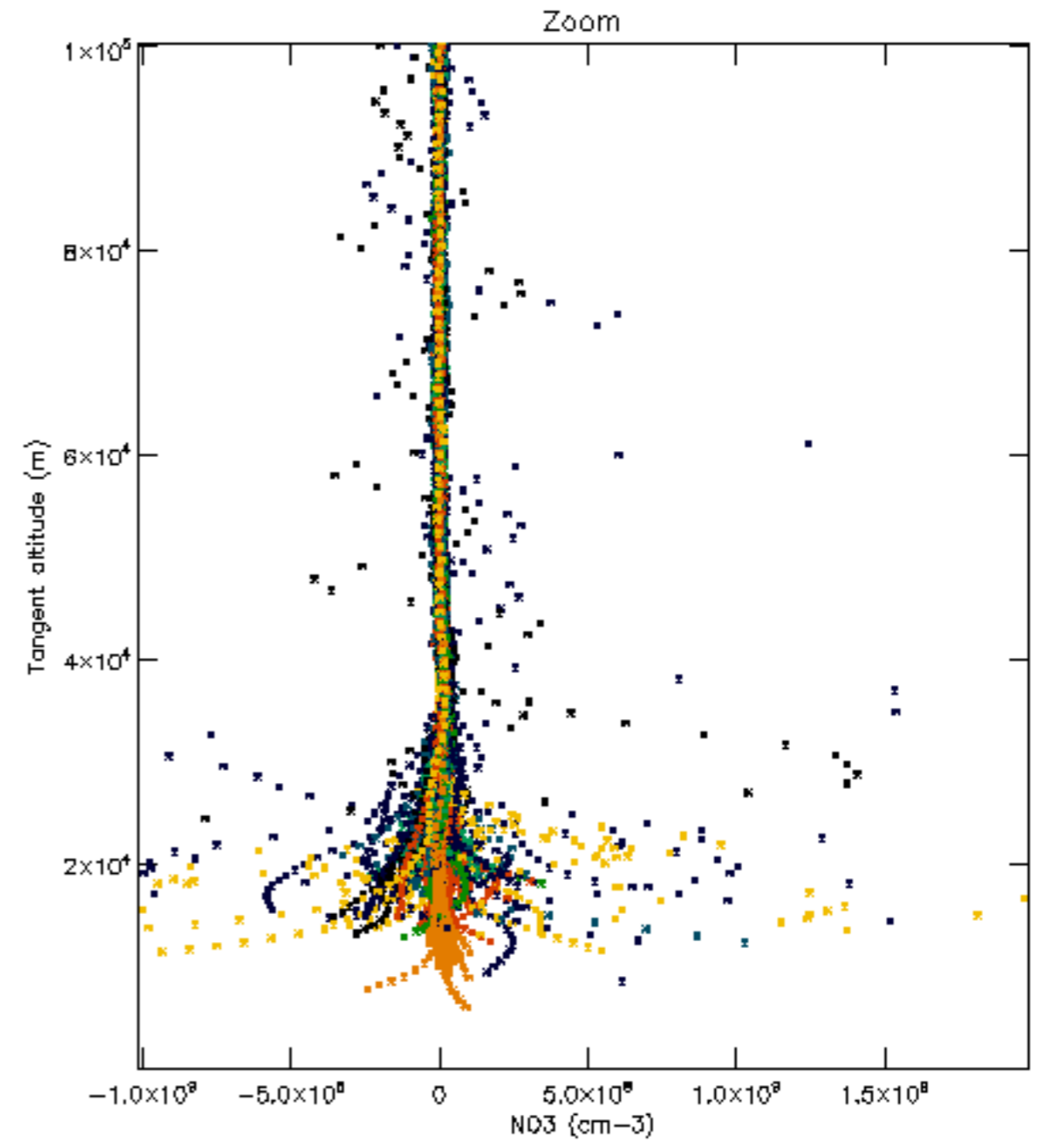
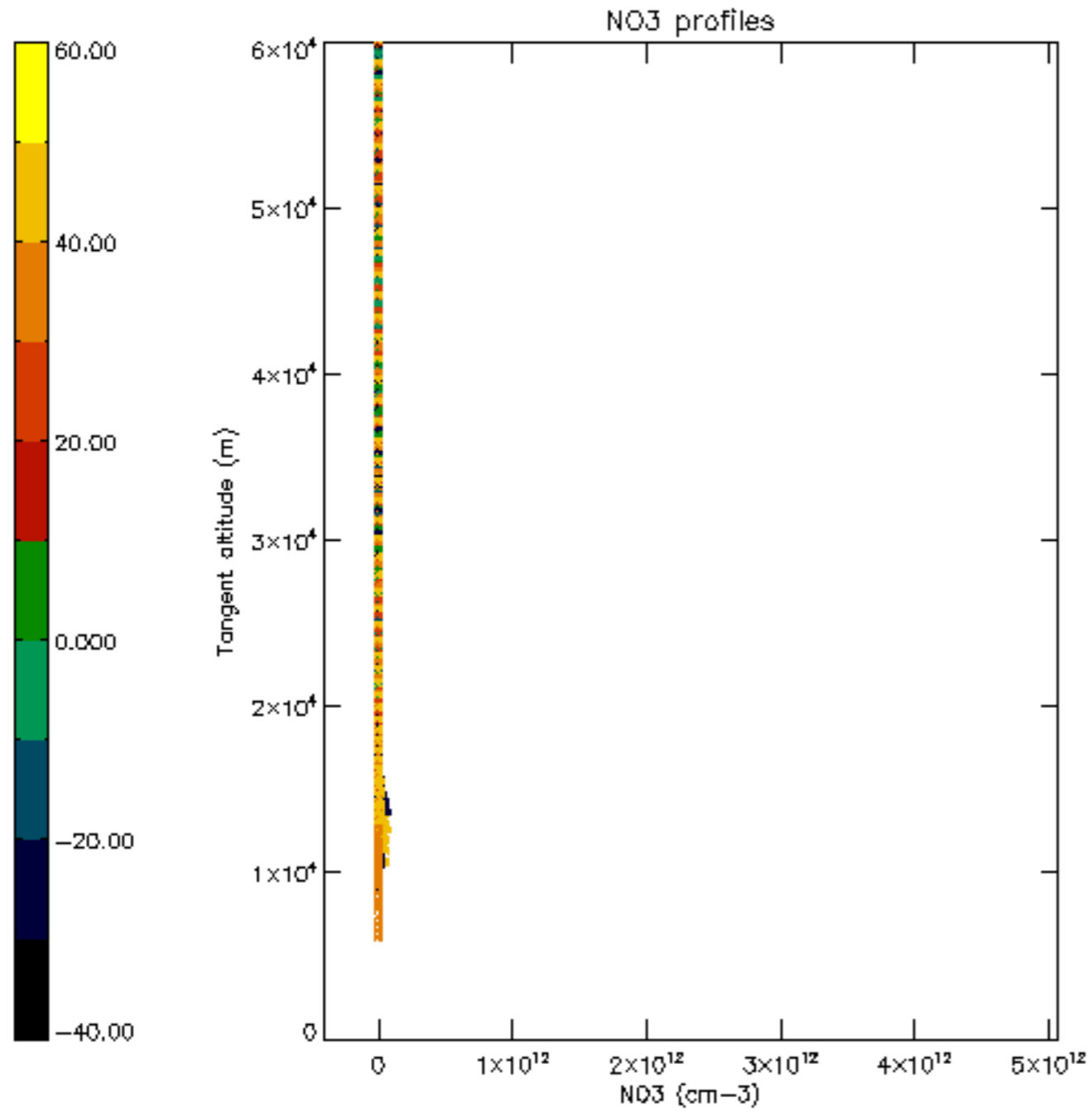


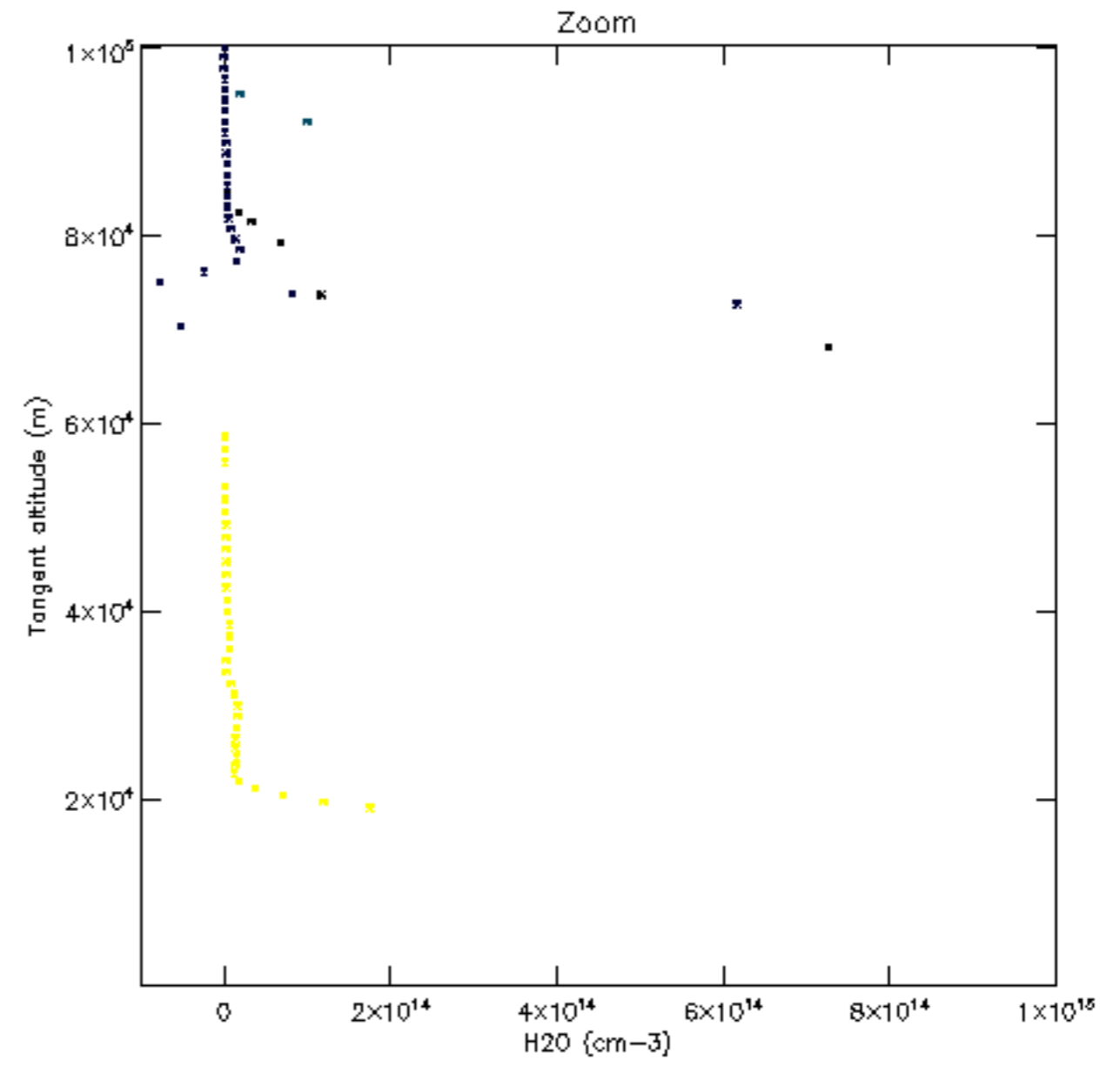
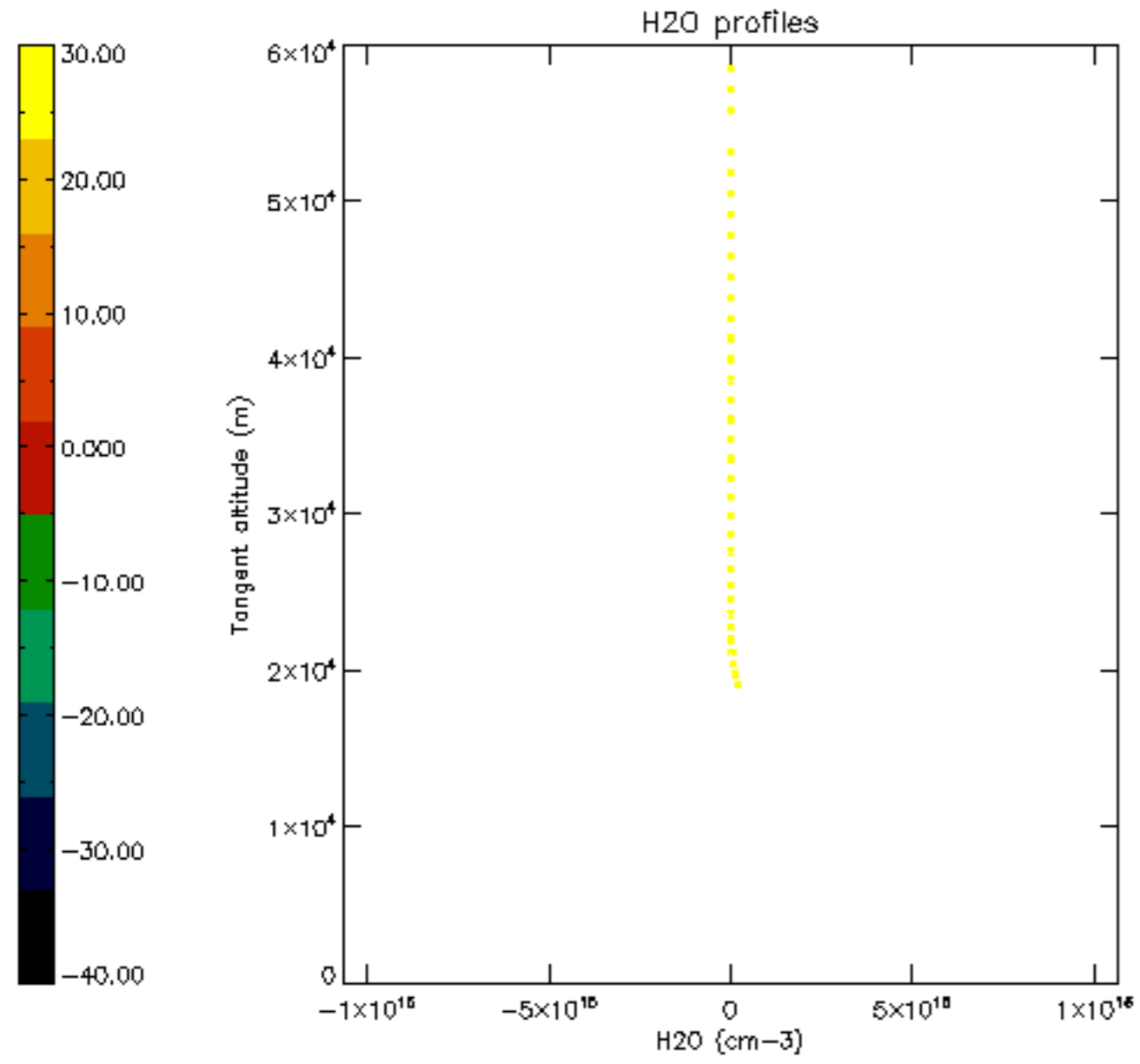


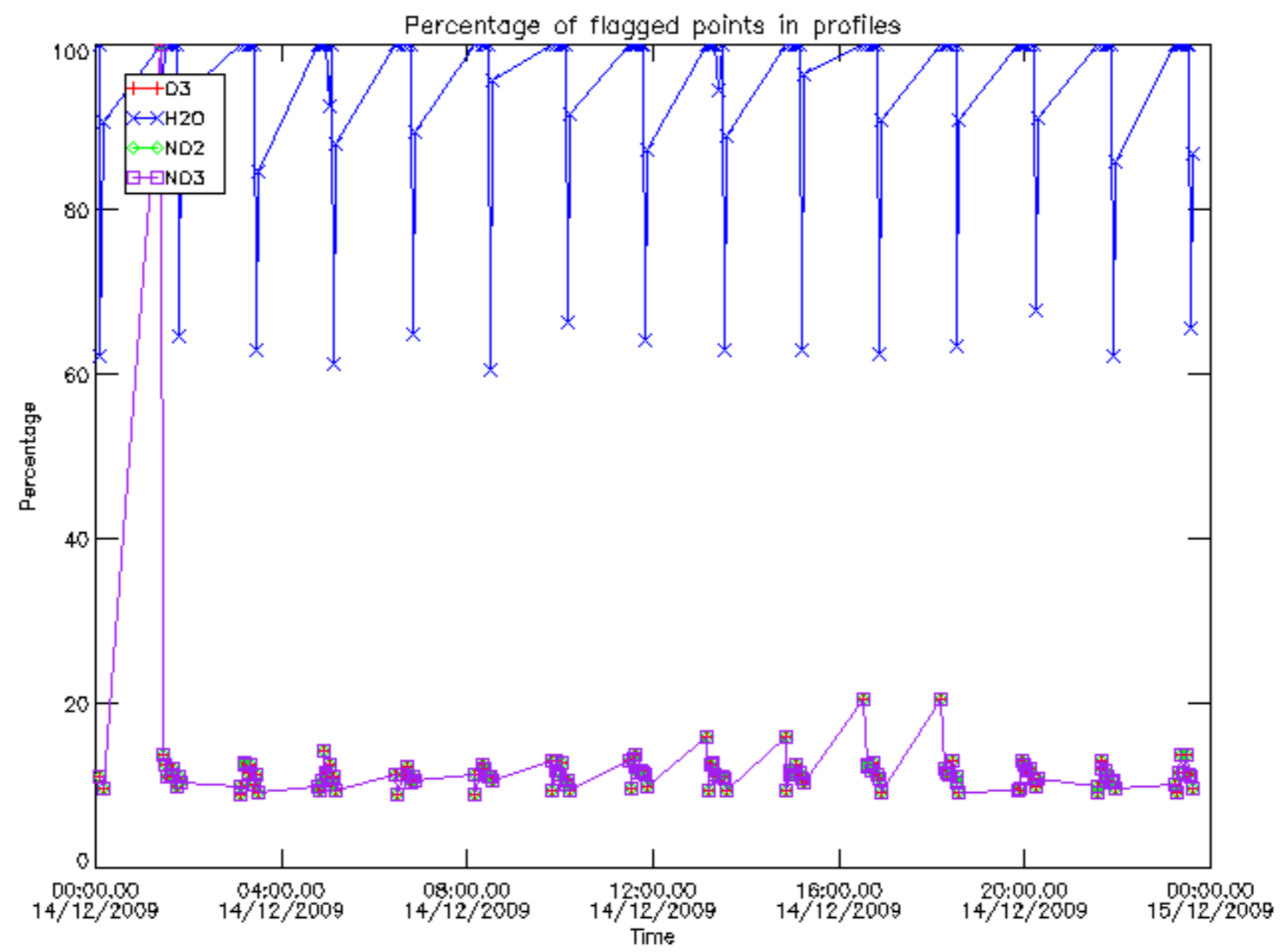




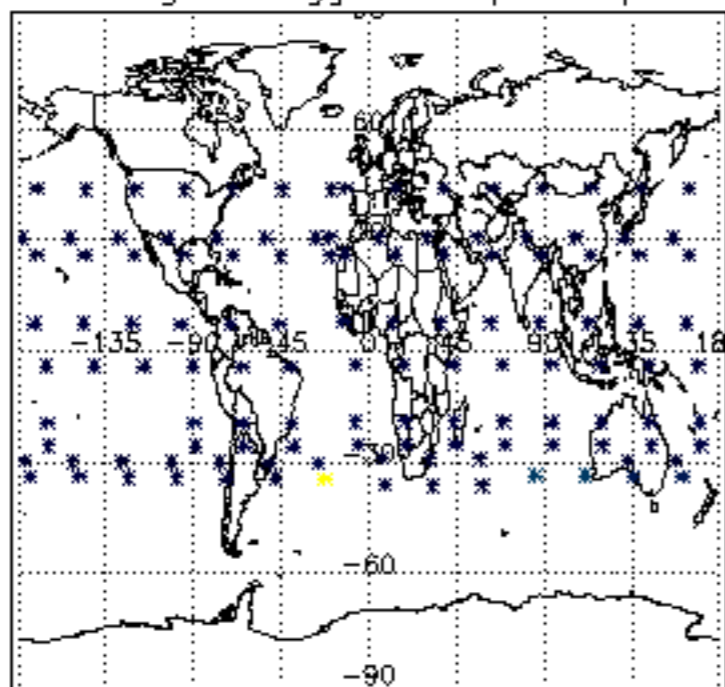




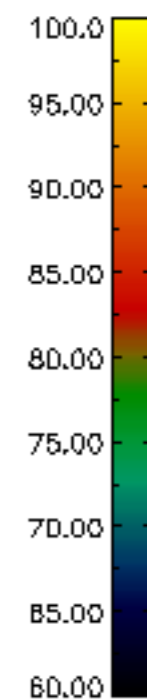
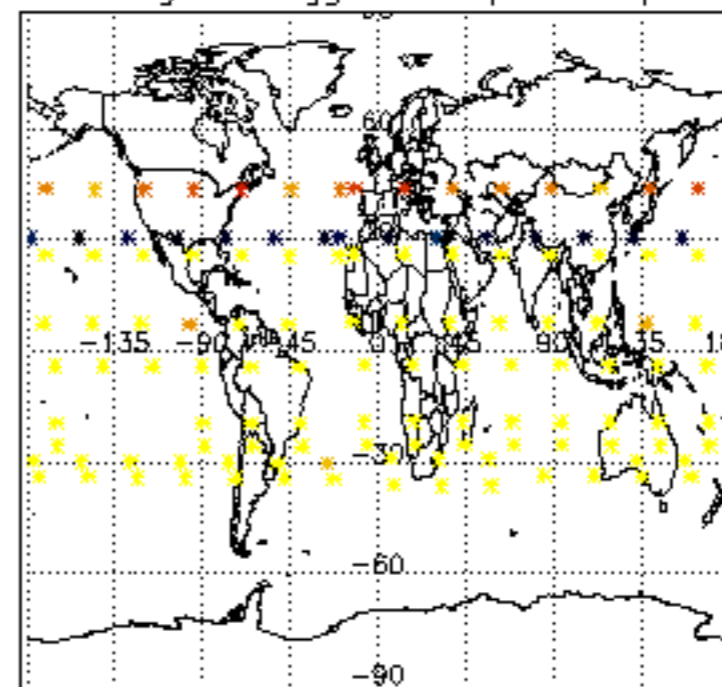




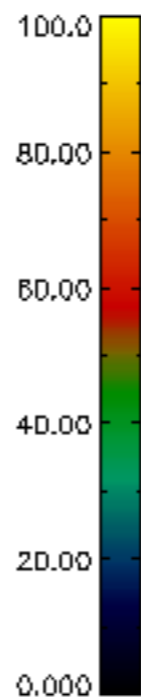
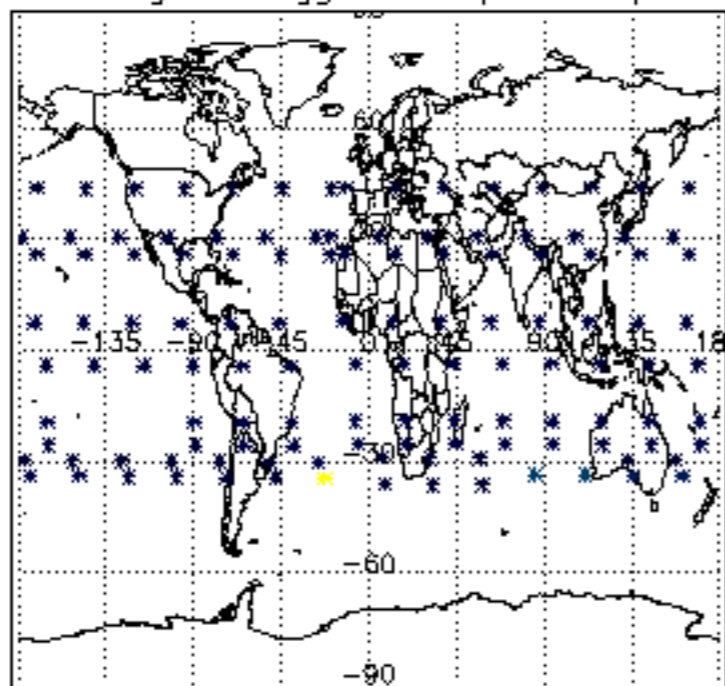
Percentage of flagged data per D3 profile



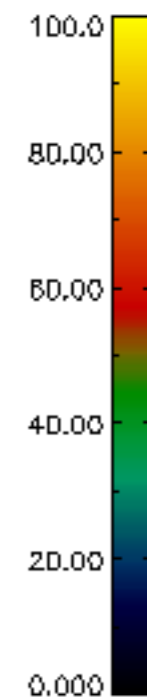
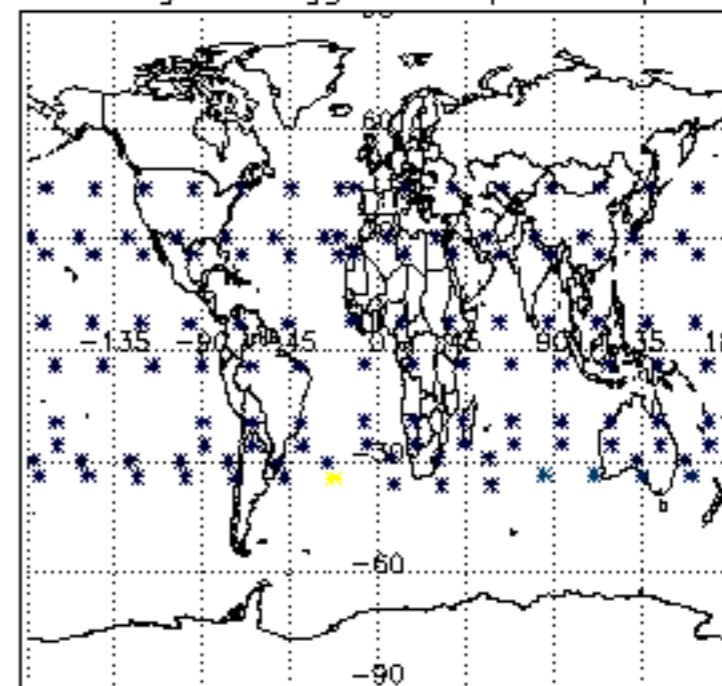
Percentage of flagged data per H2O profile

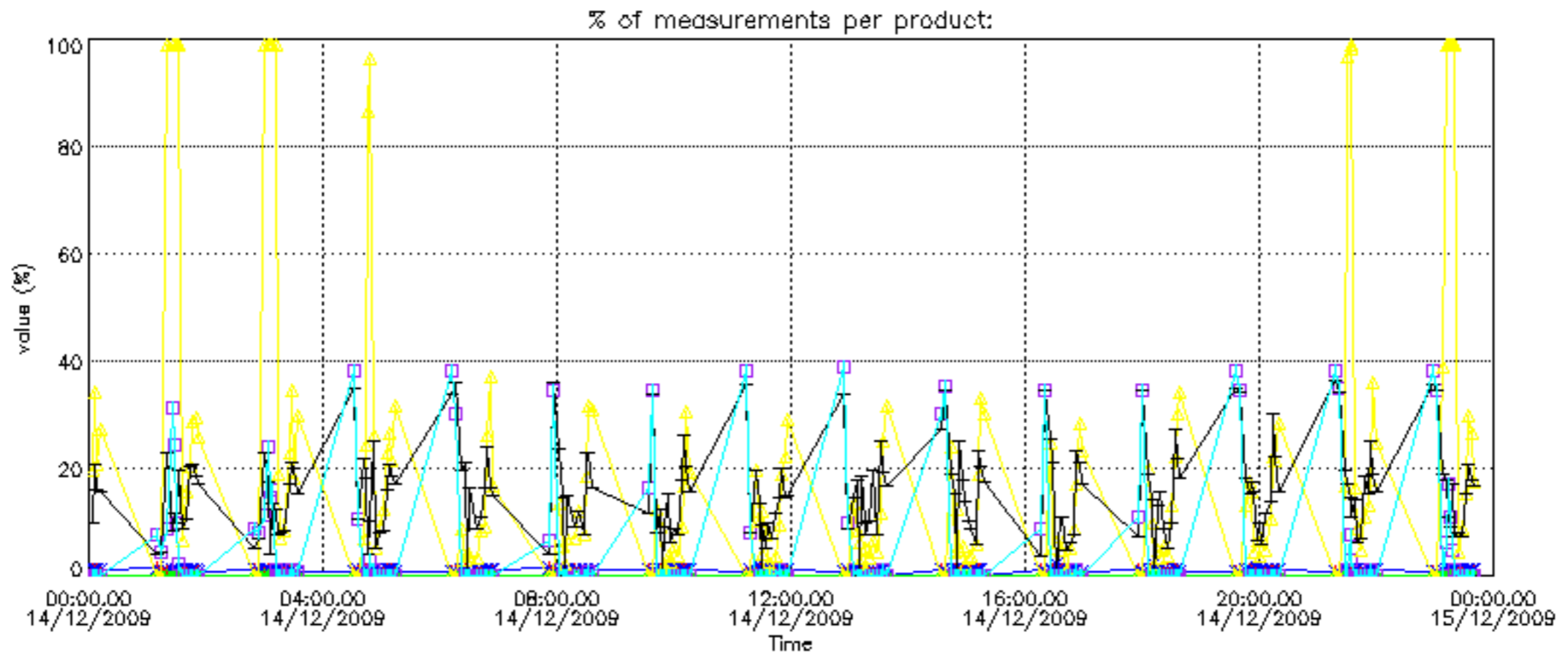


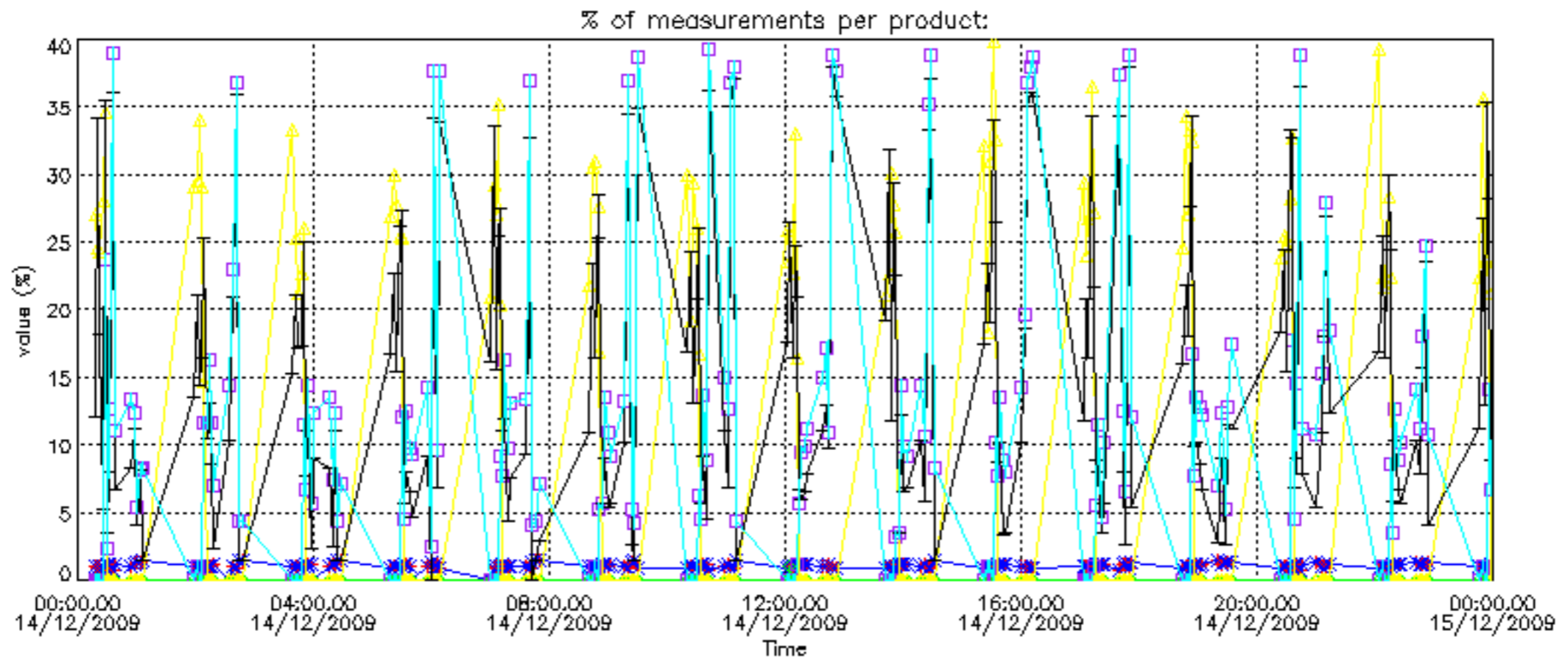
Percentage of flagged data per NO2 profile



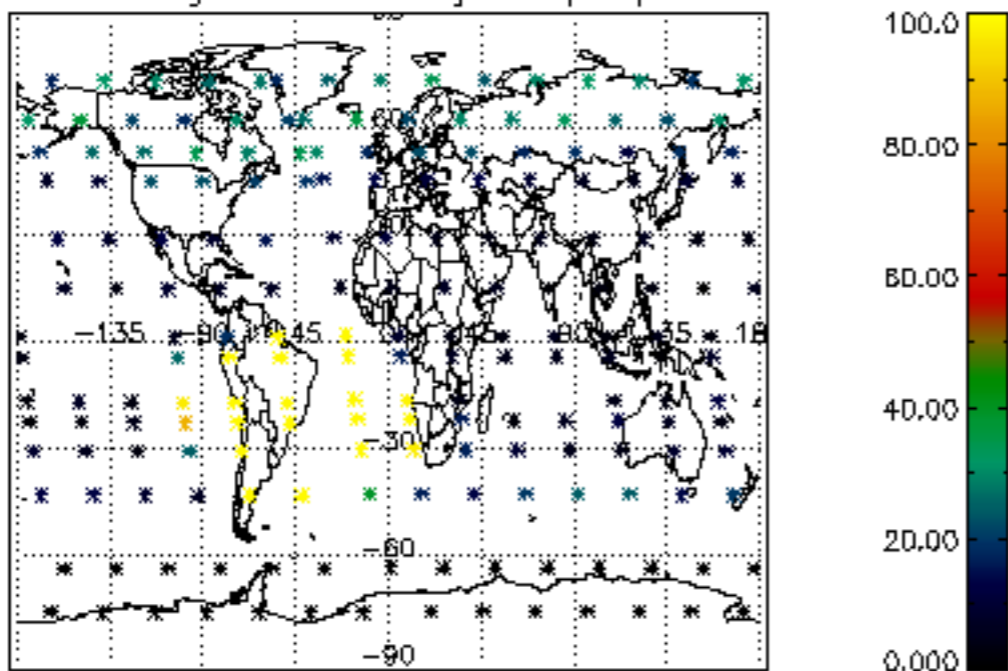
Percentage of flagged data per NO3 profile



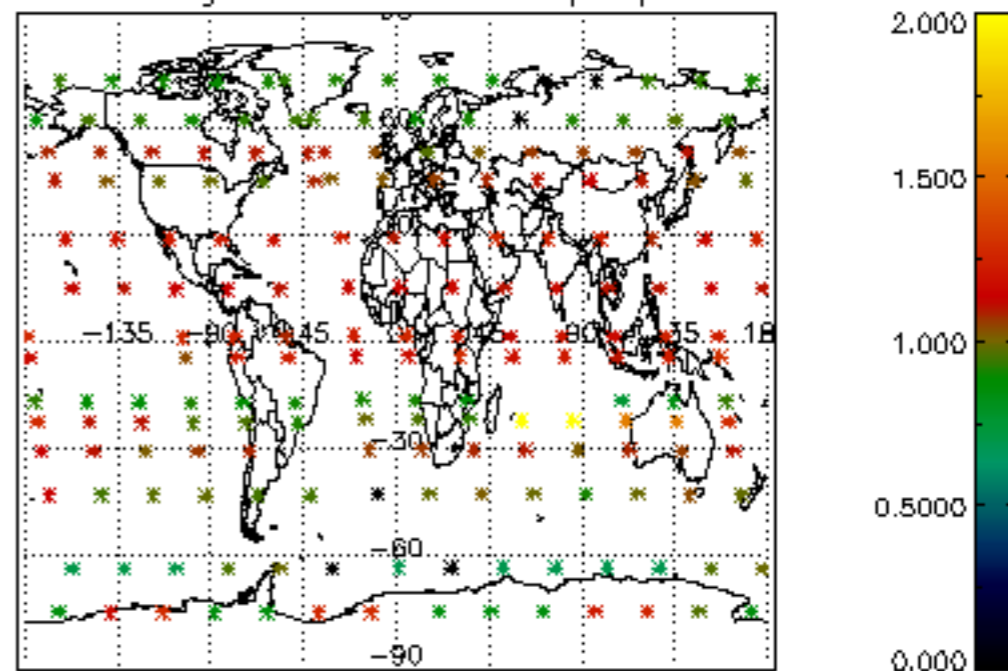




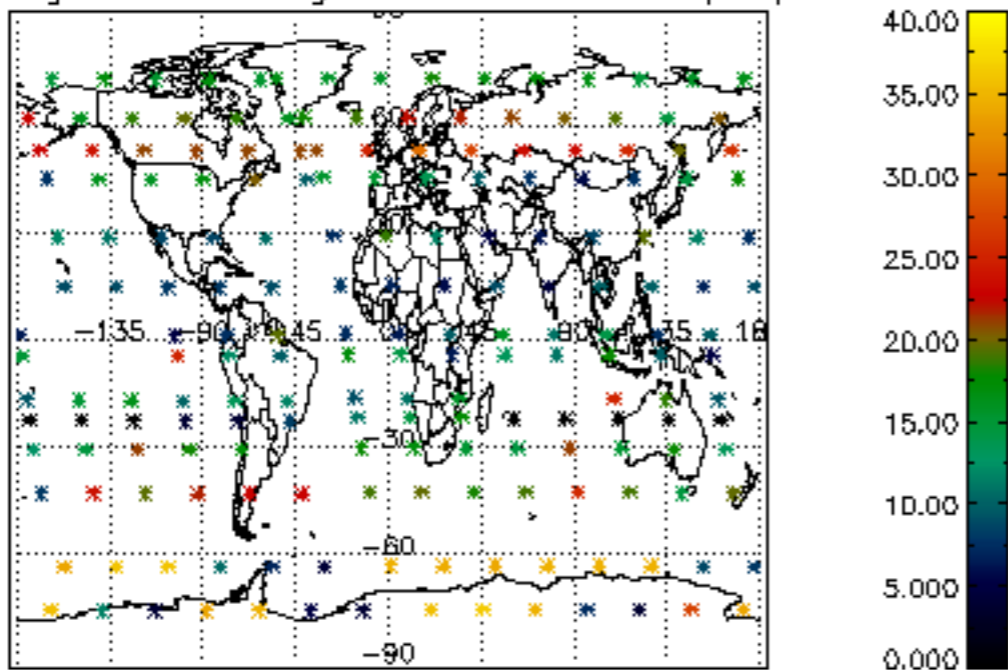
Percentage of cosmic ray hits per profile



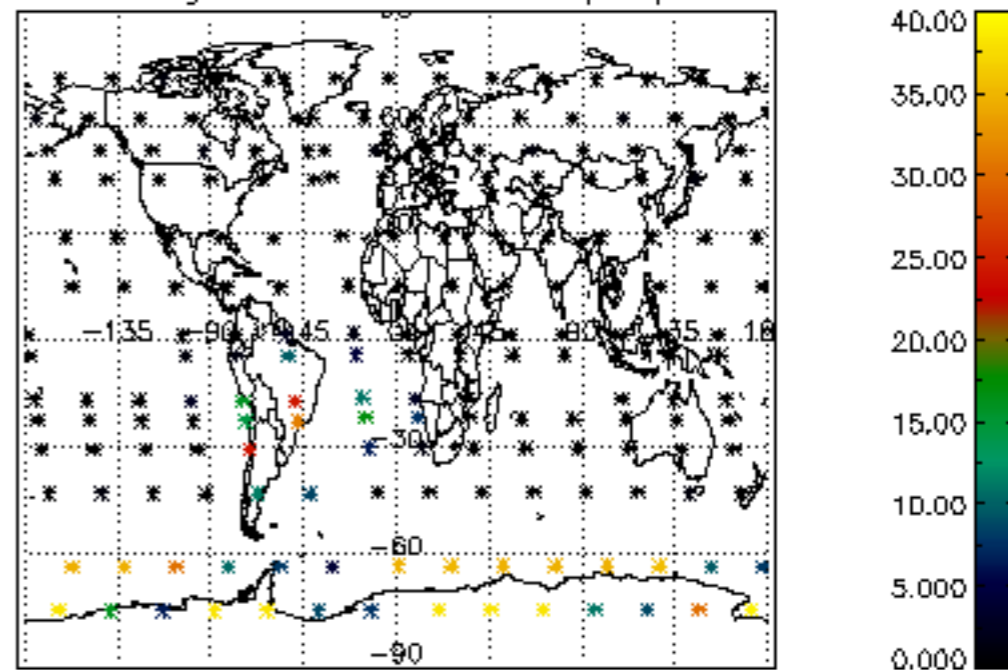
Percentage of datation errors per profile



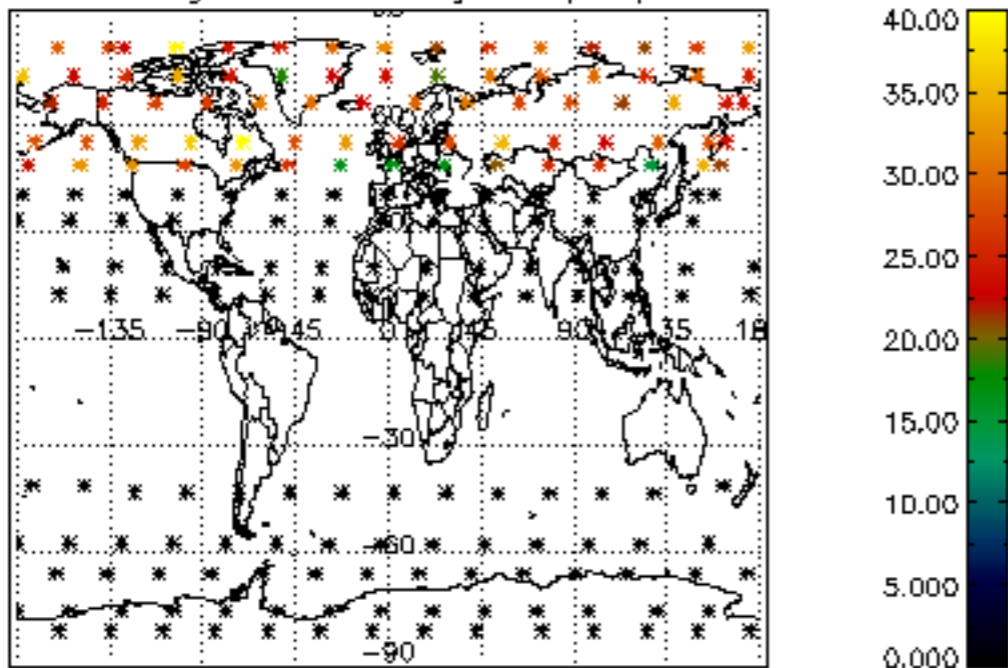
Percentage of star falling outside central band per profile



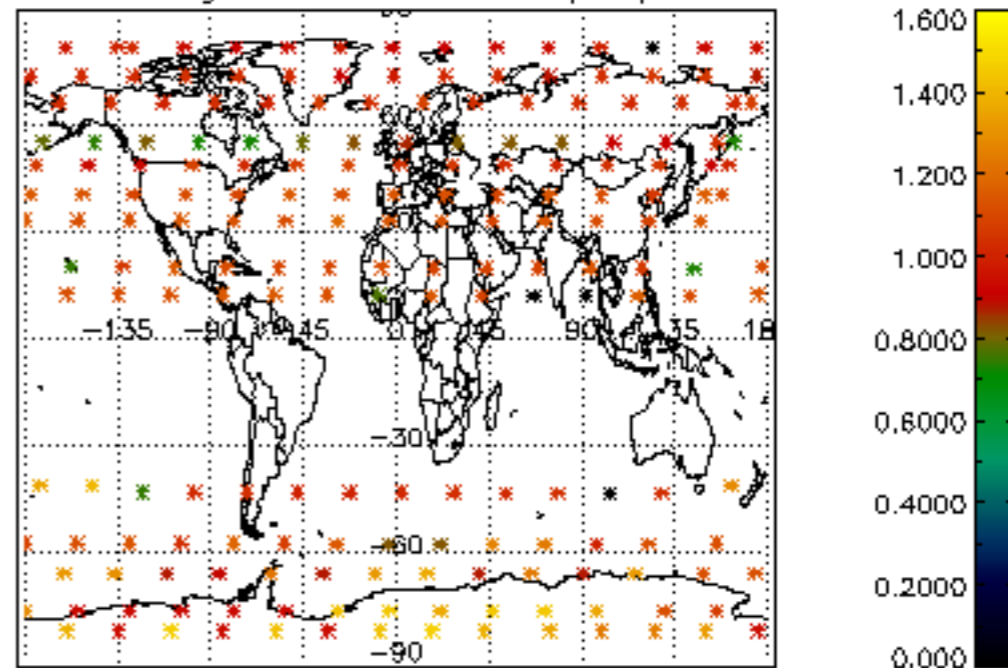
Percentage of saturation errors per profile



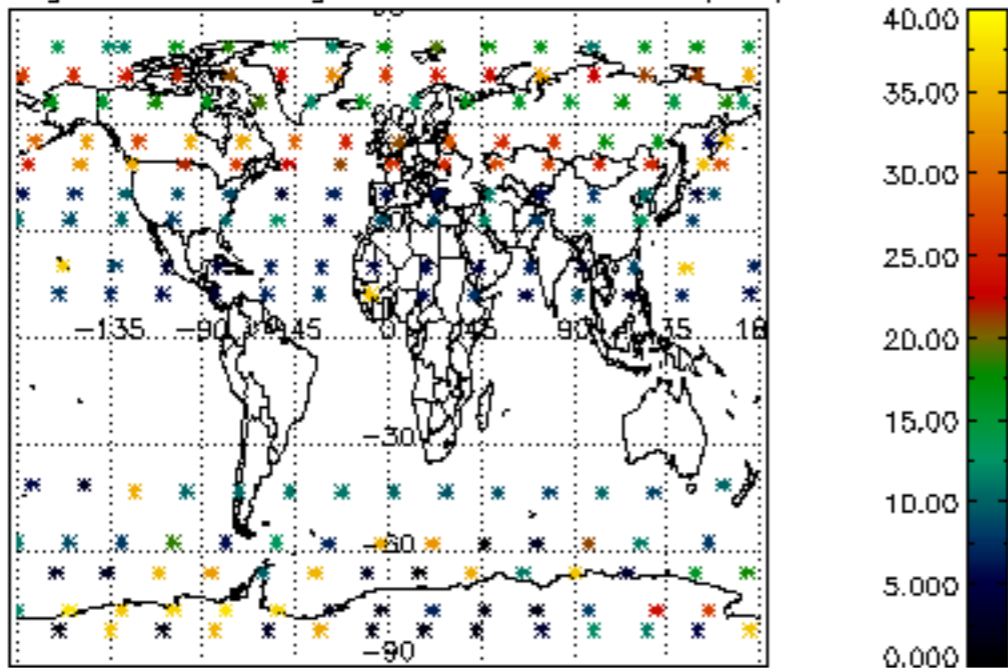
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

