

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	23APR2013 04:02:24
Data source version	GOMOS/6.01
Start time of products	08-09-2007 (08SEP2007 00:00:00)
Stop time of products	09-09-2007 (09SEP2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	203
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20070908_000443_000000542061_00259_28870_3991.N1	08-SEP-2007 00:04:43	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	28870	No
2	GOM_NL__2PRFIN20070908_000718_000000462061_00259_28870_3992.N1	08-SEP-2007 00:07:18	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	28870	No
3	GOM_NL__2PRFIN20070908_000840_000000462061_00259_28870_3993.N1	08-SEP-2007 00:08:40	Dark	46.000	117	Pi Pup	2.7060	3800.0	92	28870	No
4	GOM_NL__2PRFIN20070908_001241_000000412061_00259_28870_3994.N1	08-SEP-2007 00:12:41	Dark	41.000	161	Tau Pup	2.9310	4500.0	82	28870	No
5	GOM_NL__2PRFIN20070908_001354_000000542061_00259_28870_3995.N1	08-SEP-2007 00:13:54	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	28870	No
6	GOM_NL__2PRFIN20070908_002418_000000412061_00260_28871_3993.N1	08-SEP-2007 00:24:18	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28871	No
7	GOM_NL__2PRFIN20070908_002539_000000512061_00260_28871_3994.N1	08-SEP-2007 00:25:39	Dark	51.000	9	Alp Eri	0.45300	24000.	102	28871	No
8	GOM_NL__2PRFIN20070908_003133_000000472061_00260_28871_3995.N1	08-SEP-2007 00:31:33	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	28871	No
9	GOM_NL__2PRFIN20070908_003714_000000452061_00260_28871_3996.N1	08-SEP-2007 00:37:14	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28871	No
10	GOM_NL__2PRFIN20070908_004617_000000382061_00260_28871_3997.N1	08-SEP-2007 00:46:17	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28871	No
11	GOM_NL__2PRFIN20070908_004915_000000382061_00260_28871_3998.N1	08-SEP-2007 00:49:15	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28871	No
12	GOM_NL__2PRFIN20070908_005544_000000412061_00260_28871_3999.N1	08-SEP-2007 00:55:44	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	28871	No
13	GOM_NL__2PRFIN20070908_010410_000000362061_00260_28871_4000.N1	08-SEP-2007 01:04:10	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	28871	No
14	GOM_NL__2PRFIN20070908_011153_000000372061_00260_28871_4001.N1	08-SEP-2007 01:11:53	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28871	No
15	GOM_NL__2PRFIN20070908_012906_000000402061_00260_28871_4002.N1	08-SEP-2007 01:29:06	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	28871	No
16	GOM_NL__2PRFIN20070908_013708_000000462061_00260_28871_4003.N1	08-SEP-2007 01:37:08	Twilight	45.500	8	10Alp CMi	0.40000	6500.0	91	28871	No
17	GOM_NL__2PRFIN20070908_014520_000000552061_00260_28871_4004.N1	08-SEP-2007 01:45:20	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	28871	No
18	GOM_NL__2PRFIN20070908_014754_000000462061_00260_28871_4005.N1	08-SEP-2007 01:47:54	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	28871	No
19	GOM_NL__2PRFIN20070908_014917_000000452061_00260_28871_4006.N1	08-SEP-2007 01:49:17	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	28871	No
20	GOM_NL__2PRFIN20070908_015317_000000392061_00260_28871_4007.N1	08-SEP-2007 01:53:17	Dark	39.000	161	Tau Pup	2.9310	4500.0	78	28871	No
21	GOM_NL__2PRFIN20070908_015431_000000492061_00260_28871_4008.N1	08-SEP-2007 01:54:31	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	28871	No
22	GOM_NL__2PRFIN20070908_020454_000000402061_00261_28872_4004.N1	08-SEP-2007 02:04:54	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28872	No
23	GOM_NL__2PRFIN20070908_020616_000000502061_00261_28872_4005.N1	08-SEP-2007 02:06:16	Dark	50.000	9	Alp Eri	0.45300	24000.	100	28872	No
24	GOM_NL__2PRFIN20070908_021209_000000492061_00261_28872_4006.N1	08-SEP-2007 02:12:09	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	28872	No
25	GOM_NL__2PRFIN20070908_021750_000000432061_00261_28872_4007.N1	08-SEP-2007 02:17:50	Straylight	43.000	18	24Alp PsA	1.1660	9700.0	86	28872	No
26	GOM_NL__2PRFIN20070908_022653_000000382061_00261_28872_4008.N1	08-SEP-2007 02:26:53	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28872	No
27	GOM_NL__2PRFIN20070908_022951_000000382061_00261_28872_4009.N1	08-SEP-2007 02:29:51	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28872	No
28	GOM_NL__2PRFIN20070908_023619_000000402061_00261_28872_4010.N1	08-SEP-2007 02:36:19	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	28872	No
29	GOM_NL__2PRFIN20070908_024446_000000332061_00261_28872_4011.N1	08-SEP-2007 02:44:46	Bright	32.500	89	5Alp Cep	2.4510	8000.0	65	28872	No
30	GOM_NL__2PRFIN20070908_025229_000000322061_00261_28872_4012.N1	08-SEP-2007 02:52:29	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	28872	No
31	GOM_NL__2PRFIN20070908_030942_000000412061_00261_28872_4013.N1	08-SEP-2007 03:09:42	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	28872	No
32	GOM_NL__2PRFIN20070908_031744_000000502061_00261_28872_4014.N1	08-SEP-2007 03:17:44	Twilight	50.000	8	10Alp CMi	0.40000	6500.0	100	28872	No
33	GOM_NL__2PRFIN20070908_032557_000000602061_00261_28872_4015.N1	08-SEP-2007 03:25:57	Dark	60.000	1	9Alp CMa	-1.4400	11000.	120	28872	No
34	GOM_NL__2PRFIN20070908_032831_000000462061_00261_28872_4016.N1	08-SEP-2007 03:28:31	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	28872	No
35	GOM_NL__2PRFIN20070908_032953_000000442061_00261_28872_4017.N1	08-SEP-2007 03:29:53	Dark	43.500	117	Pi Pup	2.7060	3800.0	87	28872	No
36	GOM_NL__2PRFIN20070908_033353_000000432061_00261_28872_4018.N1	08-SEP-2007 03:33:53	Dark	43.000	161	Tau Pup	2.9310	4500.0	86	28872	No
37	GOM_NL__2PRFIN20070908_033507_000000552061_00261_28872_4019.N1	08-SEP-2007 03:35:07	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	28872	No
38	GOM_NL__2PRFIN20070908_034531_000000402061_00262_28873_4010.N1	08-SEP-2007 03:45:31	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28873	No
39	GOM_NL__2PRFIN20070908_034653_000000462061_00262_28873_4011.N1	08-SEP-2007 03:46:53	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28873	No
40	GOM_NL__2PRFIN20070908_035246_000000512061_00262_28873_4012.N1	08-SEP-2007 03:52:46	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	28873	No
41	GOM_NL__2PRFIN20070908_035826_000000442061_00262_28873_4013.N1	08-SEP-2007 03:58:26	Straylight	44.000	18	24Alp PsA	1.1660	9700.0	88	28873	No
42	GOM_NL__2PRFIN20070908_040729_000000392061_00262_28873_4014.N1	08-SEP-2007 04:07:29	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28873	No

43	GOM_NL__2PRFIN20070908_041027_000000382061_00262_28873_4015.N1	08-SEP-2007 04:10:27	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	28873	No
44	GOM_NL__2PRFIN20070908_041655_000000402061_00262_28873_4016.N1	08-SEP-2007 04:16:55	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	28873	No
45	GOM_NL__2PRFIN20070908_042522_000000372061_00262_28873_4017.N1	08-SEP-2007 04:25:22	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28873	No
46	GOM_NL__2PRFIN20070908_043305_000000372061_00262_28873_4018.N1	08-SEP-2007 04:33:05	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28873	No
47	GOM_NL__2PRFIN20070908_045018_000000422061_00262_28873_4019.N1	08-SEP-2007 04:50:18	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	28873	No
48	GOM_NL__2PRFIN20070908_045821_000000452061_00262_28873_4020.N1	08-SEP-2007 04:58:21	Twilight	44.500	8	10Alp CMi	0.40000	6500.0	89	28873	No
49	GOM_NL__2PRFIN20070908_050633_000000582061_00262_28873_4021.N1	08-SEP-2007 05:06:33	Dark	57.500	1	9Alp CMa	-1.4400	11000.	115	28873	No
50	GOM_NL__2PRFIN20070908_050908_000000462061_00262_28873_4022.N1	08-SEP-2007 05:09:08	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	28873	No
51	GOM_NL__2PRFIN20070908_051030_000000452061_00262_28873_4023.N1	08-SEP-2007 05:10:30	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	28873	No
52	GOM_NL__2PRFIN20070908_051430_000000442061_00262_28873_4024.N1	08-SEP-2007 05:14:30	Dark	43.500	161	Tau Pup	2.9310	4500.0	87	28873	No
53	GOM_NL__2PRFIN20070908_051544_000000552061_00262_28873_4025.N1	08-SEP-2007 05:15:44	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	28873	No
54	GOM_NL__2PRFIN20070908_052607_000000392061_00263_28874_4039.N1	08-SEP-2007 05:26:07	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28874	No
55	GOM_NL__2PRFIN20070908_052729_000000442061_00263_28874_4040.N1	08-SEP-2007 05:27:29	Dark	43.500	9	Alp Eri	0.45300	24000.	87	28874	No
56	GOM_NL__2PRFIN20070908_053322_000000572061_00263_28874_4041.N1	08-SEP-2007 05:33:22	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	28874	No
57	GOM_NL__2PRFIN20070908_053903_000000472061_00263_28874_4042.N1	08-SEP-2007 05:39:03	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	28874	No
58	GOM_NL__2PRFIN20070908_054805_000000392061_00263_28874_4043.N1	08-SEP-2007 05:48:05	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28874	No
59	GOM_NL__2PRFIN20070908_055103_000000372061_00263_28874_4044.N1	08-SEP-2007 05:51:03	Bright	36.500	61	8Eps Peg	2.1000	3900.0	73	28874	No
60	GOM_NL__2PRFIN20070908_055731_000000392061_00263_28874_4045.N1	08-SEP-2007 05:57:31	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	28874	No
61	GOM_NL__2PRFIN20070908_060558_000000372061_00263_28874_4046.N1	08-SEP-2007 06:05:58	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28874	No
62	GOM_NL__2PRFIN20070908_061341_000000372061_00263_28874_4047.N1	08-SEP-2007 06:13:41	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28874	No
63	GOM_NL__2PRFIN20070908_063054_000000422061_00263_28874_4048.N1	08-SEP-2007 06:30:54	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	28874	No
64	GOM_NL__2PRFIN20070908_063857_000000462061_00263_28874_4049.N1	08-SEP-2007 06:38:57	Twilight	45.500	8	10Alp CMi	0.40000	6500.0	91	28874	No
65	GOM_NL__2PRFIN20070908_064710_000000522061_00263_28874_4050.N1	08-SEP-2007 06:47:10	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	28874	No
66	GOM_NL__2PRFIN20070908_064944_000000462061_00263_28874_4051.N1	08-SEP-2007 06:49:44	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	28874	No
67	GOM_NL__2PRFIN20070908_065106_000000422061_00263_28874_4052.N1	08-SEP-2007 06:51:06	Dark	41.500	117	Pi Pup	2.7060	3800.0	83	28874	No
68	GOM_NL__2PRFIN20070908_065506_000000392061_00263_28874_4053.N1	08-SEP-2007 06:55:06	Dark	39.000	161	Tau Pup	2.9310	4500.0	78	28874	No
69	GOM_NL__2PRFIN20070908_065620_000000552061_00263_28874_4054.N1	08-SEP-2007 06:56:20	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	28874	No
70	GOM_NL__2PRFIN20070908_070644_000000402061_00264_28875_4049.N1	08-SEP-2007 07:06:44	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28875	No
71	GOM_NL__2PRFIN20070908_070806_000000542061_00264_28875_4050.N1	08-SEP-2007 07:08:06	Dark	53.500	9	Alp Eri	0.45300	24000.	107	28875	No
72	GOM_NL__2PRFIN20070908_071359_000000542061_00264_28875_4051.N1	08-SEP-2007 07:13:59	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	28875	No
73	GOM_NL__2PRFIN20070908_071939_000000442061_00264_28875_4052.N1	08-SEP-2007 07:19:39	Straylight	43.500	18	24Alp PsA	1.1660	9700.0	87	28875	No
74	GOM_NL__2PRFIN20070908_072841_000000392061_00264_28875_4053.N1	08-SEP-2007 07:28:41	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28875	No
75	GOM_NL__2PRFIN20070908_073139_000000382061_00264_28875_4054.N1	08-SEP-2007 07:31:39	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28875	No
76	GOM_NL__2PRFIN20070908_073806_000000402061_00264_28875_4055.N1	08-SEP-2007 07:38:06	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	28875	No
77	GOM_NL__2PRFIN20070908_074634_000000362061_00264_28875_4056.N1	08-SEP-2007 07:46:34	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	28875	No
78	GOM_NL__2PRFIN20070908_075417_000000362061_00264_28875_4057.N1	08-SEP-2007 07:54:17	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28875	No
79	GOM_NL__2PRFIN20070908_081130_000000412061_00264_28875_4058.N1	08-SEP-2007 08:11:30	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	28875	No
80	GOM_NL__2PRFIN20070908_081933_000000412061_00264_28875_4059.N1	08-SEP-2007 08:19:33	Twilight	41.000	8	10Alp CMi	0.40000	6500.0	82	28875	No
81	GOM_NL__2PRFIN20070908_082747_000000542061_00264_28875_4060.N1	08-SEP-2007 08:27:47	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	28875	No
82	GOM_NL__2PRFIN20070908_083021_000000462061_00264_28875_4061.N1	08-SEP-2007 08:30:21	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	28875	No
83	GOM_NL__2PRFIN20070908_083142_000000462061_00264_28875_4062.N1	08-SEP-2007 08:31:42	Dark	45.500	117	Pi Pup	2.7060	3800.0	91	28875	No
84	GOM_NL__2PRFIN20070908_083543_000000422061_00264_28875_4063.N1	08-SEP-2007 08:35:43	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	28875	No
85	GOM_NL__2PRFIN20070908_083656_000000442061_00264_28875_4064.N1	08-SEP-2007 08:36:56	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	28875	No
86	GOM_NL__2PRFIN20070908_084721_000000402061_00265_28876_4072.N1	08-SEP-2007 08:47:21	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28876	No
87	GOM_NL__2PRFIN20070908_084842_000000522061_00265_28876_4073.N1	08-SEP-2007 08:48:42	Dark	51.500	9	Alp Eri	0.45300	24000.	103	28876	No
88	GOM_NL__2PRFIN20070908_085435_000000492061_00265_28876_4074.N1	08-SEP-2007 08:54:35	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	28876	No
89	GOM_NL__2PRFIN20070908_090015_000000462061_00265_28876_4075.N1	08-SEP-2007 09:00:15	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	28876	No
90	GOM_NL__2PRFIN20070908_090917_000000382061_00265_28876_4076.N1	08-SEP-2007 09:09:17	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	28876	No
91	GOM_NL__2PRFIN20070908_091215_000000382061_00265_28876_4077.N1	08-SEP-2007 09:12:15	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	28876	No
92	GOM_NL__2PRFIN20070908_091842_000000392061_00265_28876_4078.N1	08-SEP-2007 09:18:42	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	28876	No
93	GOM_NL__2PRFIN20070908_092710_000000362061_00265_28876_4079.N1	08-SEP-2007 09:27:10	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28876	No
94	GOM_NL__2PRFIN20070908_093453_000000372061_00265_28876_4080.N1	08-SEP-2007 09:34:53	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28876	No
95	GOM_NL__2PRFIN20070908_095206_000000402061_00265_28876_4081.N1	08-SEP-2007 09:52:06	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	28876	No
96	GOM_NL__2PRFIN20070908_100010_000000412061_00265_28876_4082.N1	08-SEP-2007 10:00:10	Twilight	41.000	8	10Alp CMi	0.40000	6500.0	82	28876	No
97	GOM_NL__2PRFIN20070908_100824_000000552061_00265_28876_4083.N1	08-SEP-2007 10:08:24	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	28876	No
98	GOM_NL__2PRFIN20070908_101057_000000442061_00265_28876_4084.N1	08-SEP-2007 10:10:57	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	28876	No
99	GOM_NL__2PRFIN20070908_101219_000000422061_00265_28876_4085.N1	08-SEP-2007 10:12:19	Dark	42.000	117	Pi Pup	2.7060	3800.0	84	28876	No
100	GOM_NL__2PRFIN20070908_101619_000000442061_00265_28876_4086.N1	08-SEP-2007 10:16:19	Dark	44.000	161	Tau Pup	2.9310	4500.0	88	28876	No
101	GOM_NL__2PRFIN20070908_101733_000000412061_00265_28876_4087.N1	08-SEP-2007 10:17:33	Dark	41.000	2	Alp Car	-0.73600	7000.0	82	28876	No

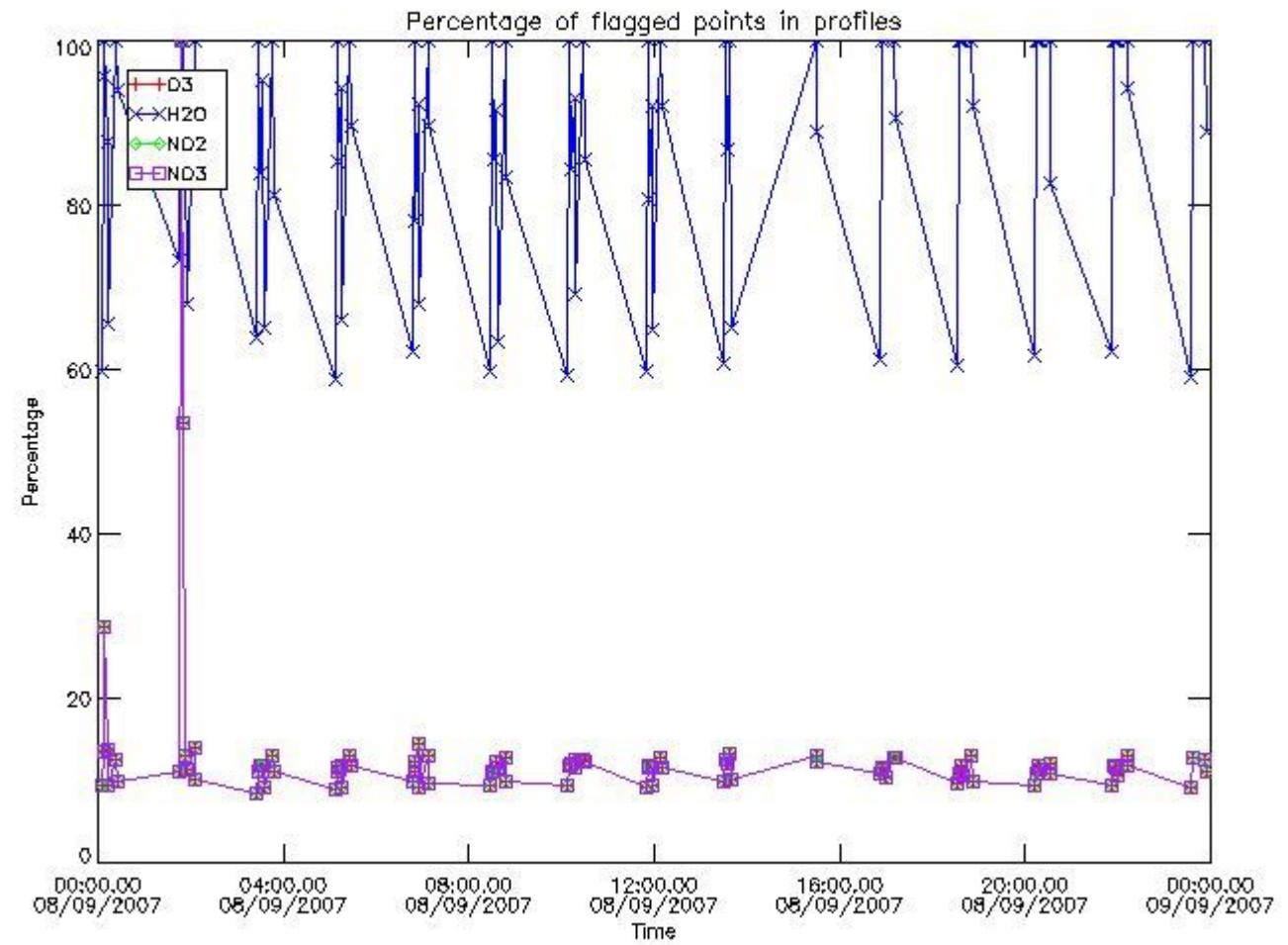
102	GOM_NL__2PRFIN20070908_102757_000000412061_00266_28877_4105.N1	08-SEP-2007 10:27:57	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	28877	No
103	GOM_NL__2PRFIN20070908_102919_000000462061_00266_28877_4106.N1	08-SEP-2007 10:29:19	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28877	No
104	GOM_NL__2PRFIN20070908_103512_000000502061_00266_28877_4107.N1	08-SEP-2007 10:35:12	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	28877	No
105	GOM_NL__2PRFIN20070908_104051_000000442061_00266_28877_4108.N1	08-SEP-2007 10:40:51	Straylight	43.500	18	24Alp PsA	1.1660	9700.0	87	28877	No
106	GOM_NL__2PRFIN20070908_104953_000000392061_00266_28877_4109.N1	08-SEP-2007 10:49:53	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28877	No
107	GOM_NL__2PRFIN20070908_105251_000000382061_00266_28877_4110.N1	08-SEP-2007 10:52:51	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28877	No
108	GOM_NL__2PRFIN20070908_105917_000000392061_00266_28877_4111.N1	08-SEP-2007 10:59:17	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	28877	No
109	GOM_NL__2PRFIN20070908_110746_000000362061_00266_28877_4112.N1	08-SEP-2007 11:07:46	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	28877	No
110	GOM_NL__2PRFIN20070908_111529_000000362061_00266_28877_4113.N1	08-SEP-2007 11:15:29	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28877	No
111	GOM_NL__2PRFIN20070908_113242_000000402061_00266_28877_4114.N1	08-SEP-2007 11:32:42	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28877	No
112	GOM_NL__2PRFIN20070908_114046_000000532061_00266_28877_4115.N1	08-SEP-2007 11:40:46	Twilight	52.500	8	10Alp CMi	0.40000	6500.0	105	28877	No
113	GOM_NL__2PRFIN20070908_114900_000000622061_00266_28877_4116.N1	08-SEP-2007 11:49:00	Dark	61.500	1	9Alp CMa	-1.4400	11000.	123	28877	No
114	GOM_NL__2PRFIN20070908_115134_000000442061_00266_28877_4117.N1	08-SEP-2007 11:51:34	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	28877	No
115	GOM_NL__2PRFIN20070908_115255_000000452061_00266_28877_4118.N1	08-SEP-2007 11:52:55	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	28877	No
116	GOM_NL__2PRFIN20070908_115655_000000442061_00266_28877_4119.N1	08-SEP-2007 11:56:55	Dark	44.000	161	Tau Pup	2.9310	4500.0	88	28877	No
117	GOM_NL__2PRFIN20070908_115809_000000552061_00266_28877_4120.N1	08-SEP-2007 11:58:09	Dark	54.500	2	Alp Car	-0.73600	7000.0	109	28877	No
118	GOM_NL__2PRFIN20070908_120833_000000402061_00267_28878_4118.N1	08-SEP-2007 12:08:33	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28878	No
119	GOM_NL__2PRFIN20070908_120955_000000442061_00267_28878_4119.N1	08-SEP-2007 12:09:55	Dark	44.000	9	Alp Eri	0.45300	24000.	88	28878	No
120	GOM_NL__2PRFIN20070908_121548_000000472061_00267_28878_4120.N1	08-SEP-2007 12:15:48	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	28878	No
121	GOM_NL__2PRFIN20070908_122127_000000422061_00267_28878_4121.N1	08-SEP-2007 12:21:27	Straylight	41.500	18	24Alp PsA	1.1660	9700.0	83	28878	No
122	GOM_NL__2PRFIN20070908_123029_000000382061_00267_28878_4122.N1	08-SEP-2007 12:30:29	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28878	No
123	GOM_NL__2PRFIN20070908_123327_000000372061_00267_28878_4123.N1	08-SEP-2007 12:33:27	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	28878	No
124	GOM_NL__2PRFIN20070908_123953_000000402061_00267_28878_4124.N1	08-SEP-2007 12:39:53	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	28878	No
125	GOM_NL__2PRFIN20070908_124822_000000332061_00267_28878_4125.N1	08-SEP-2007 12:48:22	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	28878	No
126	GOM_NL__2PRFIN20070908_125605_000000362061_00267_28878_4126.N1	08-SEP-2007 12:56:05	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28878	No
127	GOM_NL__2PRFIN20070908_131318_000000402061_00267_28878_4127.N1	08-SEP-2007 13:13:18	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28878	No
128	GOM_NL__2PRFIN20070908_132122_000000572061_00267_28878_4128.N1	08-SEP-2007 13:21:22	Twilight	57.000	8	10Alp CMi	0.40000	6500.0	114	28878	No
129	GOM_NL__2PRFIN20070908_132937_000000522061_00267_28878_4129.N1	08-SEP-2007 13:29:37	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	28878	No
130	GOM_NL__2PRFIN20070908_133210_000000452061_00267_28878_4130.N1	08-SEP-2007 13:32:10	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	28878	No
131	GOM_NL__2PRFIN20070908_133332_000000422061_00267_28878_4131.N1	08-SEP-2007 13:33:32	Dark	42.000	117	Pi Pup	2.7060	3800.0	84	28878	No
132	GOM_NL__2PRFIN20070908_133732_000000392061_00267_28878_4132.N1	08-SEP-2007 13:37:32	Dark	38.500	161	Tau Pup	2.9310	4500.0	77	28878	No
133	GOM_NL__2PRFIN20070908_133846_000000552061_00267_28878_4133.N1	08-SEP-2007 13:38:46	Dark	54.500	2	Alp Car	-0.73600	7000.0	109	28878	No
134	GOM_NL__2PRFIN20070908_152946_000000402061_00269_28880_4151.N1	08-SEP-2007 15:29:46	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28880	No
135	GOM_NL__2PRFIN20070908_153108_000000422061_00269_28880_4152.N1	08-SEP-2007 15:31:08	Dark	41.500	9	Alp Eri	0.45300	24000.	83	28880	No
136	GOM_NL__2PRFIN20070908_153701_000000502061_00269_28880_4153.N1	08-SEP-2007 15:37:01	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	28880	No
137	GOM_NL__2PRFIN20070908_154239_000000462061_00269_28880_4154.N1	08-SEP-2007 15:42:39	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	28880	No
138	GOM_NL__2PRFIN20070908_155140_000000382061_00269_28880_4155.N1	08-SEP-2007 15:51:40	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28880	No
139	GOM_NL__2PRFIN20070908_155650_000000422061_00269_28880_4156.N1	08-SEP-2007 15:56:50	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	28880	No
140	GOM_NL__2PRFIN20070908_160104_000000422061_00269_28880_4157.N1	08-SEP-2007 16:01:04	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	28880	No
141	GOM_NL__2PRFIN20070908_161127_000000402061_00269_28880_4158.N1	08-SEP-2007 16:11:27	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	28880	No
142	GOM_NL__2PRFIN20070908_163430_000000402061_00269_28880_4159.N1	08-SEP-2007 16:34:30	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	28880	No
143	GOM_NL__2PRFIN20070908_164235_000000492061_00269_28880_4160.N1	08-SEP-2007 16:42:35	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	28880	No
144	GOM_NL__2PRFIN20070908_165051_000000522061_00269_28880_4161.N1	08-SEP-2007 16:50:51	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	28880	No
145	GOM_NL__2PRFIN20070908_165324_000000452061_00269_28880_4162.N1	08-SEP-2007 16:53:24	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	28880	No
146	GOM_NL__2PRFIN20070908_165525_000000442061_00269_28880_4163.N1	08-SEP-2007 16:55:25	Dark	44.000	177	1Zet CMa	3.0220	26000.	88	28880	No
147	GOM_NL__2PRFIN20070908_165837_000000502061_00269_28880_4164.N1	08-SEP-2007 16:58:37	Dark	49.500	108	Alp Col	2.6520	15200.	99	28880	No
148	GOM_NL__2PRFIN20070908_171023_000000402061_00270_28881_4165.N1	08-SEP-2007 17:10:23	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28881	No
149	GOM_NL__2PRFIN20070908_171145_000000442061_00270_28881_4166.N1	08-SEP-2007 17:11:45	Dark	43.500	9	Alp Eri	0.45300	24000.	87	28881	No
150	GOM_NL__2PRFIN20070908_171737_000000472061_00270_28881_4167.N1	08-SEP-2007 17:17:37	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	28881	No
151	GOM_NL__2PRFIN20070908_172316_000000462061_00270_28881_4168.N1	08-SEP-2007 17:23:16	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	28881	No
152	GOM_NL__2PRFIN20070908_173216_000000382061_00270_28881_4169.N1	08-SEP-2007 17:32:16	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28881	No
153	GOM_NL__2PRFIN20070908_173726_000000432061_00270_28881_4170.N1	08-SEP-2007 17:37:26	Bright	43.000	90	54Alp Peg	2.4870	11000.	86	28881	No
154	GOM_NL__2PRFIN20070908_174140_000000402061_00270_28881_4171.N1	08-SEP-2007 17:41:40	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	28881	No
155	GOM_NL__2PRFIN20070908_175202_000000432061_00270_28881_4172.N1	08-SEP-2007 17:52:02	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	28881	No
156	GOM_NL__2PRFIN20070908_181506_000000422061_00270_28881_4173.N1	08-SEP-2007 18:15:06	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	28881	No
157	GOM_NL__2PRFIN20070908_182311_000000542061_00270_28881_4174.N1	08-SEP-2007 18:23:11	Twilight	53.500	8	10Alp CMi	0.40000	6500.0	107	28881	No
158	GOM_NL__2PRFIN20070908_183127_000000542061_00270_28881_4175.N1	08-SEP-2007 18:31:27	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	28881	No
159	GOM_NL__2PRFIN20070908_183400_000000472061_00270_28881_4176.N1	08-SEP-2007 18:34:00	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	28881	No
160	GOM_NL__2PRFIN20070908_183602_000000442061_00270_28881_4177.N1	08-SEP-2007 18:36:02	Dark	43.500	177	1Zet CMa	3.0220	26000.	87	28881	No

161	GOM_NL__2PRFIN20070908_183914_000000492061_00270_28881_4178.N1	08-SEP-2007 18:39:14	Dark	48.500	108	Alp Col	2.6520	15200.	97	28881	No
162	GOM_NL__2PRFIN20070908_185059_000000402061_00271_28882_4178.N1	08-SEP-2007 18:50:59	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28882	No
163	GOM_NL__2PRFIN20070908_185221_000000522061_00271_28882_4179.N1	08-SEP-2007 18:52:21	Dark	51.500	9	Alp Eri	0.45300	24000.	103	28882	No
164	GOM_NL__2PRFIN20070908_185814_000000482061_00271_28882_4180.N1	08-SEP-2007 18:58:14	Straylight	48.000	84	Alp Phe	2.3970	4500.0	96	28882	No
165	GOM_NL__2PRFIN20070908_190352_000000432061_00271_28882_4181.N1	08-SEP-2007 19:03:52	Straylight	43.000	18	24Alp PsA	1.1660	9700.0	86	28882	No
166	GOM_NL__2PRFIN20070908_191252_000000392061_00271_28882_4182.N1	08-SEP-2007 19:12:52	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28882	No
167	GOM_NL__2PRFIN20070908_191802_000000422061_00271_28882_4183.N1	08-SEP-2007 19:18:02	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	28882	No
168	GOM_NL__2PRFIN20070908_192215_000000382061_00271_28882_4184.N1	08-SEP-2007 19:22:15	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	28882	No
169	GOM_NL__2PRFIN20070908_193237_000000432061_00271_28882_4185.N1	08-SEP-2007 19:32:37	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	28882	No
170	GOM_NL__2PRFIN20070908_195542_000000402061_00271_28882_4186.N1	08-SEP-2007 19:55:42	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28882	No
171	GOM_NL__2PRFIN20070908_200348_000000482061_00271_28882_4187.N1	08-SEP-2007 20:03:48	Twilight	48.000	8	10Alp CMi	0.40000	6500.0	96	28882	No
172	GOM_NL__2PRFIN20070908_201204_000000542061_00271_28882_4188.N1	08-SEP-2007 20:12:04	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	28882	No
173	GOM_NL__2PRFIN20070908_201437_000000472061_00271_28882_4189.N1	08-SEP-2007 20:14:37	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	28882	No
174	GOM_NL__2PRFIN20070908_201639_000000432061_00271_28882_4190.N1	08-SEP-2007 20:16:39	Dark	43.000	177	1Zet CMa	3.0220	26000.	86	28882	No
175	GOM_NL__2PRFIN20070908_201951_000000492061_00271_28882_4191.N1	08-SEP-2007 20:19:51	Dark	49.000	108	Alp Col	2.6520	15200.	98	28882	No
176	GOM_NL__2PRFIN20070908_203136_000000422061_00272_28883_4188.N1	08-SEP-2007 20:31:36	Dark	42.000	143	Alp Hyi	2.8570	7200.0	84	28883	No
177	GOM_NL__2PRFIN20070908_203258_000000462061_00272_28883_4189.N1	08-SEP-2007 20:32:58	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28883	No
178	GOM_NL__2PRFIN20070908_203850_000000492061_00272_28883_4190.N1	08-SEP-2007 20:38:50	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	28883	No
179	GOM_NL__2PRFIN20070908_204428_000000442061_00272_28883_4191.N1	08-SEP-2007 20:44:28	Straylight	43.500	18	24Alp PsA	1.1660	9700.0	87	28883	No
180	GOM_NL__2PRFIN20070908_205328_000000382061_00272_28883_4192.N1	08-SEP-2007 20:53:28	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28883	No
181	GOM_NL__2PRFIN20070908_205837_000000422061_00272_28883_4193.N1	08-SEP-2007 20:58:37	Bright	42.000	90	54Alp Peg	2.4870	11000.	84	28883	No
182	GOM_NL__2PRFIN20070908_210251_000000392061_00272_28883_4194.N1	08-SEP-2007 21:02:51	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	28883	No
183	GOM_NL__2PRFIN20070908_211313_000000432061_00272_28883_4195.N1	08-SEP-2007 21:13:13	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	28883	No
184	GOM_NL__2PRFIN20070908_213618_000000412061_00272_28883_4196.N1	08-SEP-2007 21:36:18	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	28883	No
185	GOM_NL__2PRFIN20070908_214424_000000472061_00272_28883_4197.N1	08-SEP-2007 21:44:24	Twilight	47.000	8	10Alp CMi	0.40000	6500.0	94	28883	No
186	GOM_NL__2PRFIN20070908_215241_000000552061_00272_28883_4198.N1	08-SEP-2007 21:52:41	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	28883	No
187	GOM_NL__2PRFIN20070908_215513_000000442061_00272_28883_4199.N1	08-SEP-2007 21:55:13	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	28883	No
188	GOM_NL__2PRFIN20070908_215716_000000442061_00272_28883_4200.N1	08-SEP-2007 21:57:16	Dark	44.000	177	1Zet CMa	3.0220	26000.	88	28883	No
189	GOM_NL__2PRFIN20070908_220028_000000492061_00272_28883_4201.N1	08-SEP-2007 22:00:28	Dark	48.500	108	Alp Col	2.6520	15200.	97	28883	No
190	GOM_NL__2PRFIN20070908_221212_000000402061_00273_28884_4207.N1	08-SEP-2007 22:12:12	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28884	No
191	GOM_NL__2PRFIN20070908_221334_000000432061_00273_28884_4208.N1	08-SEP-2007 22:13:34	Dark	43.000	9	Alp Eri	0.45300	24000.	86	28884	No
192	GOM_NL__2PRFIN20070908_221927_000000552061_00273_28884_4209.N1	08-SEP-2007 22:19:27	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	28884	No
193	GOM_NL__2PRFIN20070908_222504_000000452061_00273_28884_4210.N1	08-SEP-2007 22:25:04	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28884	No
194	GOM_NL__2PRFIN20070908_223404_000000382061_00273_28884_4211.N1	08-SEP-2007 22:34:04	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28884	No
195	GOM_NL__2PRFIN20070908_223913_000000432061_00273_28884_4212.N1	08-SEP-2007 22:39:13	Bright	42.500	90	54Alp Peg	2.4870	11000.	85	28884	No
196	GOM_NL__2PRFIN20070908_224327_000000402061_00273_28884_4213.N1	08-SEP-2007 22:43:27	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	28884	No
197	GOM_NL__2PRFIN20070908_225348_000000432061_00273_28884_4214.N1	08-SEP-2007 22:53:48	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	28884	No
198	GOM_NL__2PRFIN20070908_231654_000000402061_00273_28884_4215.N1	08-SEP-2007 23:16:54	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	28884	No
199	GOM_NL__2PRFIN20070908_232500_000000532061_00273_28884_4216.N1	08-SEP-2007 23:25:00	Twilight	52.500	8	10Alp CMi	0.40000	6500.0	105	28884	No
200	GOM_NL__2PRFIN20070908_233317_000000562061_00273_28884_4217.N1	08-SEP-2007 23:33:17	Dark	55.500	1	9Alp CMa	-1.4400	11000.	111	28884	No
201	GOM_NL__2PRFIN20070908_233550_000000482061_00273_28884_4218.N1	08-SEP-2007 23:35:50	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	28884	No
202	GOM_NL__2PRFIN20070908_235248_000000412061_00274_28885_4221.N1	08-SEP-2007 23:52:48	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28885	No
203	GOM_NL__2PRFIN20070908_235410_000000462061_00274_28885_4222.N1	08-SEP-2007 23:54:10	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28885	No

3. Quality information per product

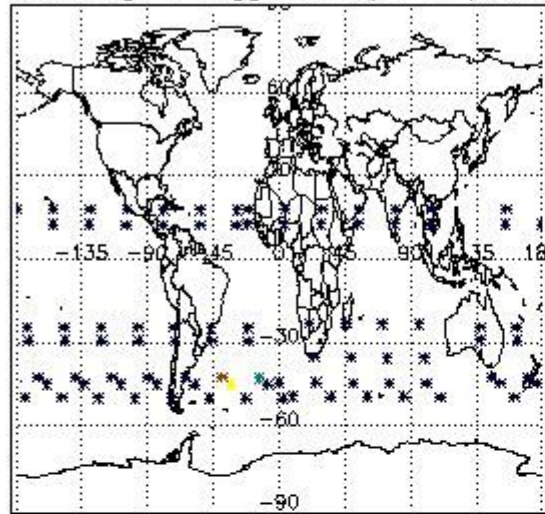
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

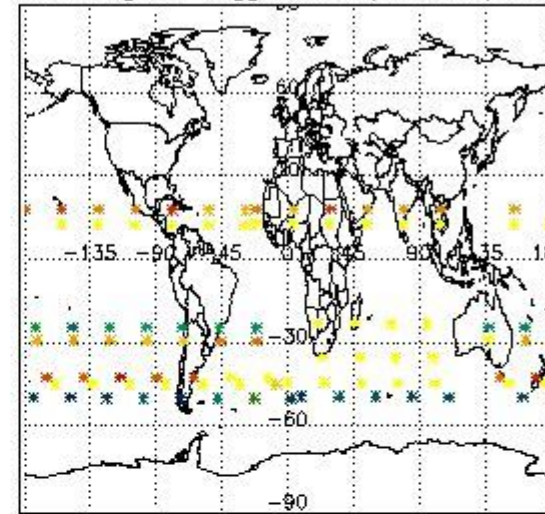


3.2 Plot quality information per product (world map)

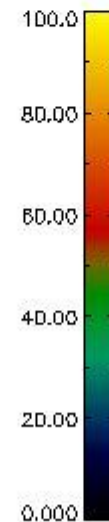
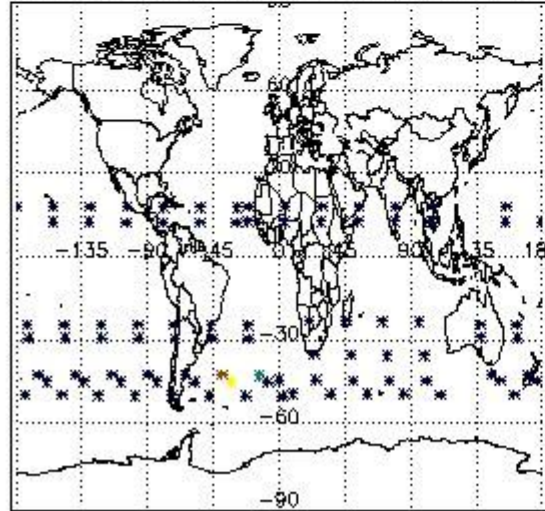
Percentage of flagged data per O3 profile



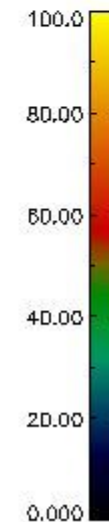
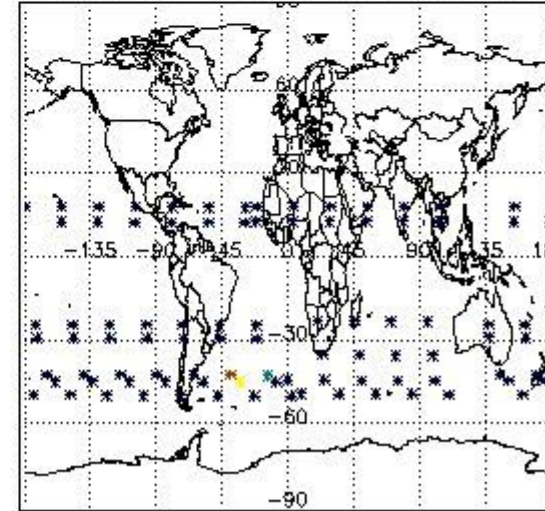
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

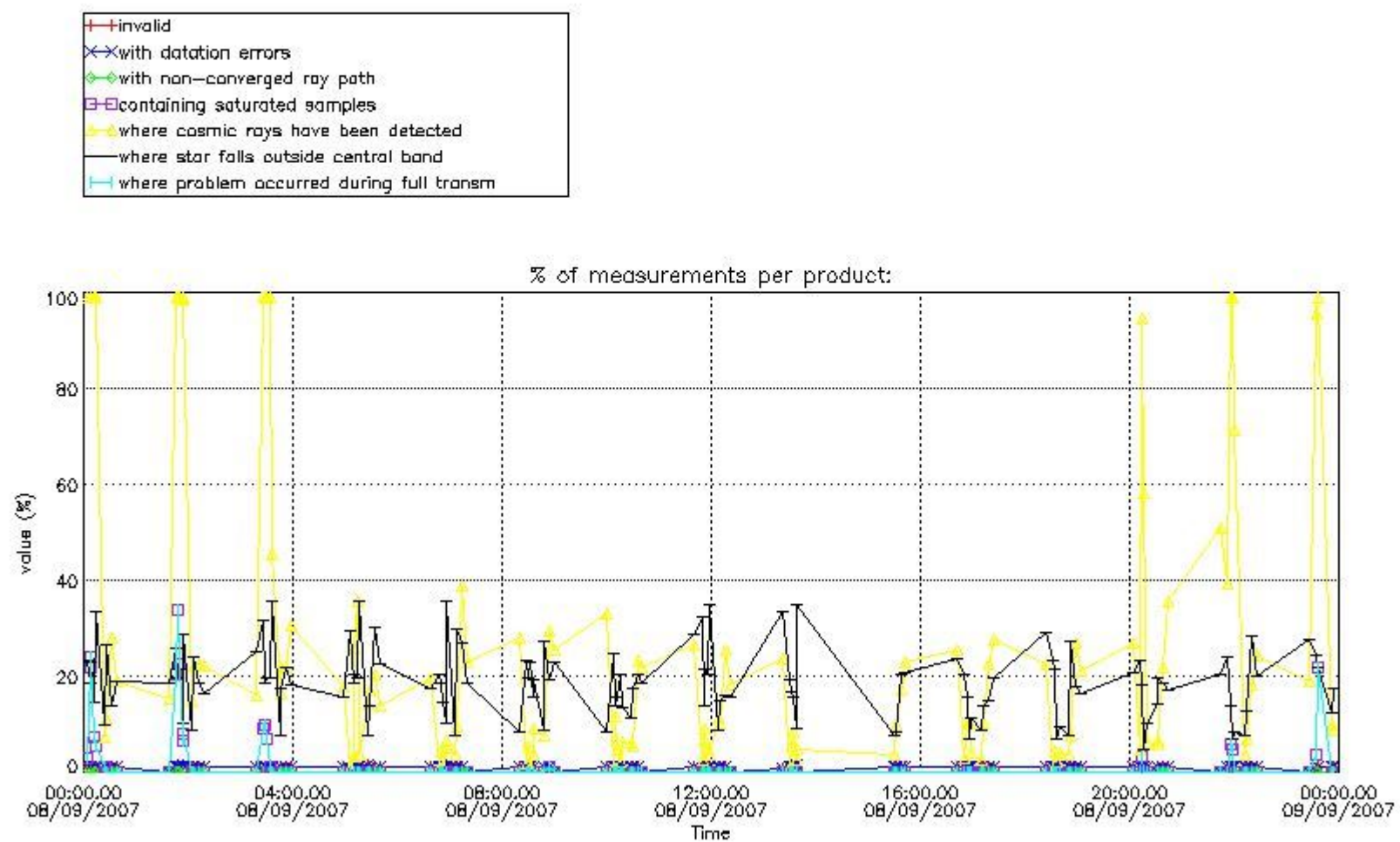


4. Level 1 quality information per product

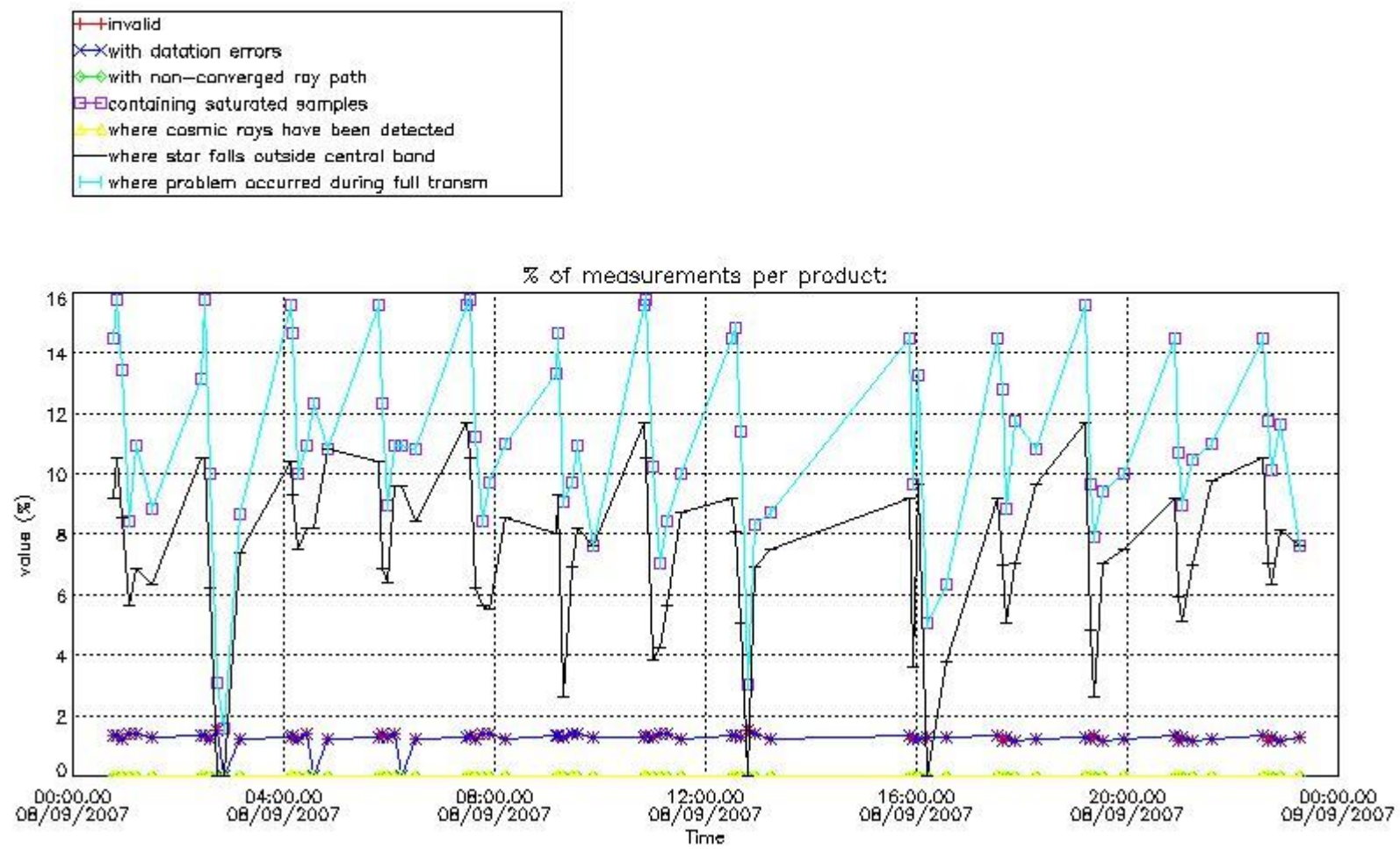
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



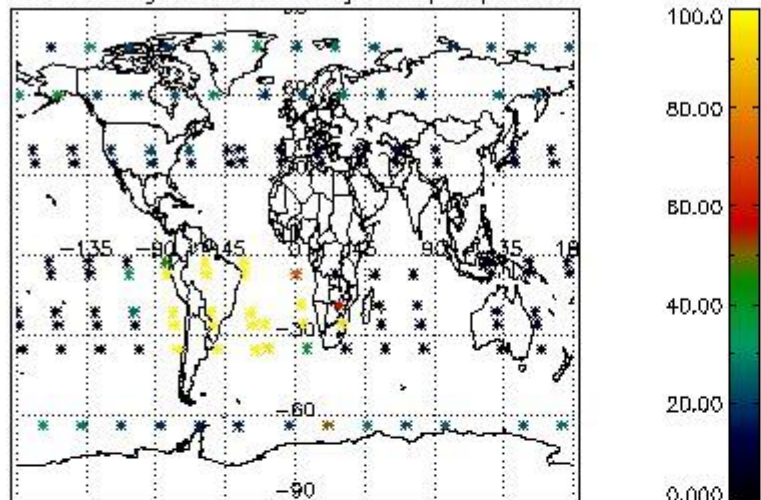
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



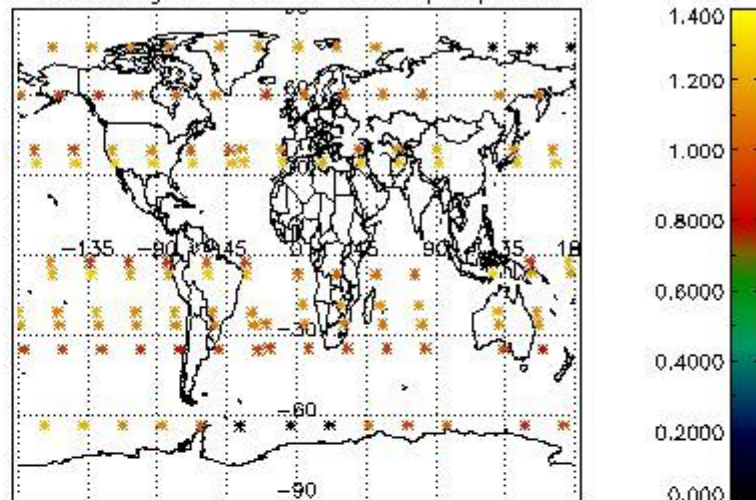
4.2 Plot quality information per product coming from level 1b processing (world map)

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

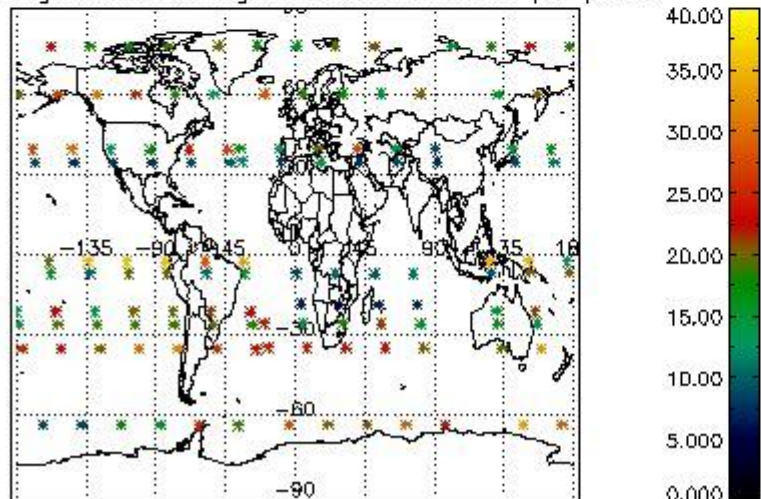
Percentage of cosmic ray hits per profile



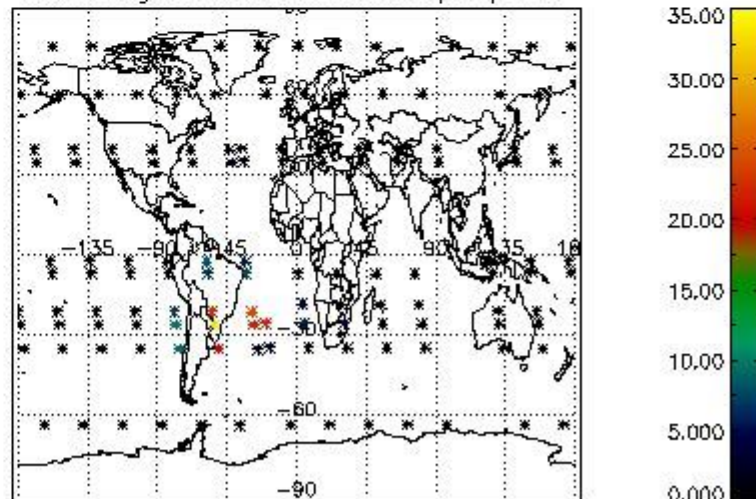
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

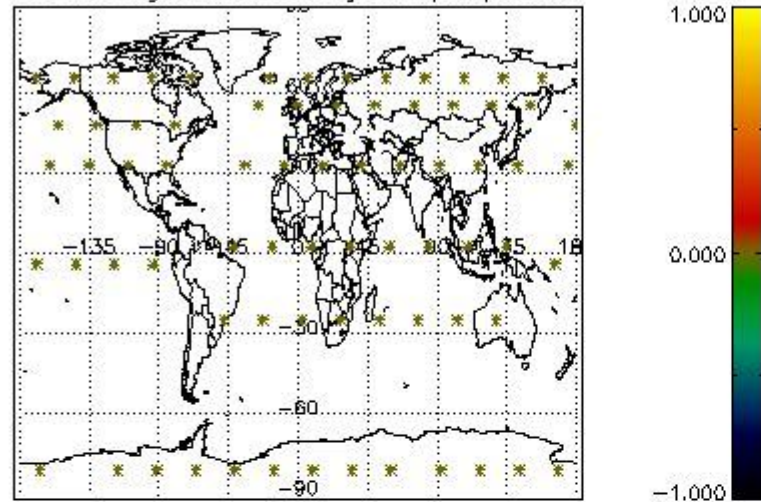


Percentage of saturation errors per profile

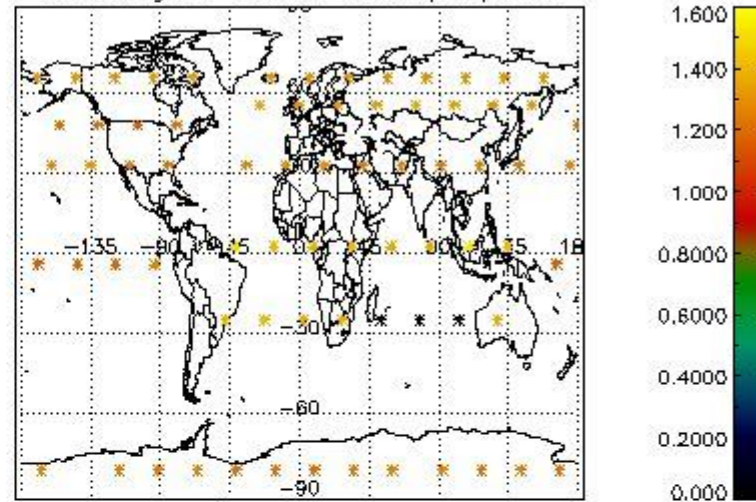


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

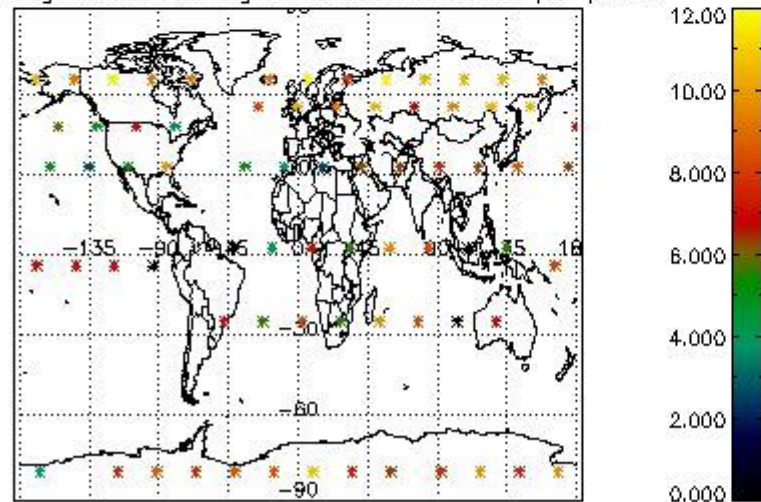
Percentage of cosmic ray hits per profile



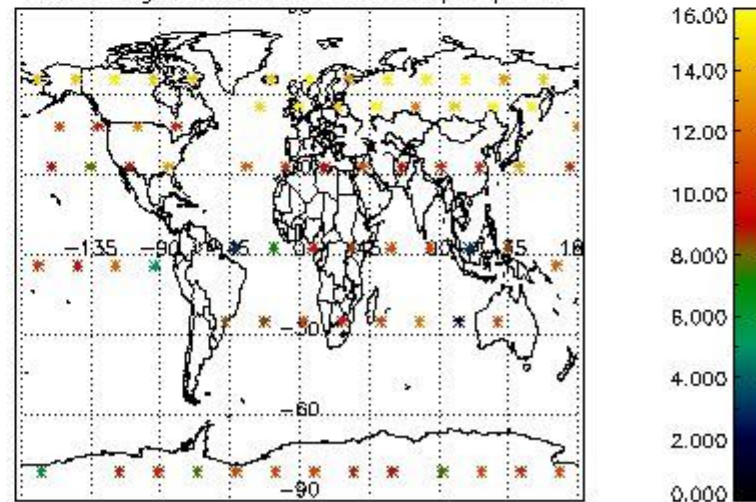
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

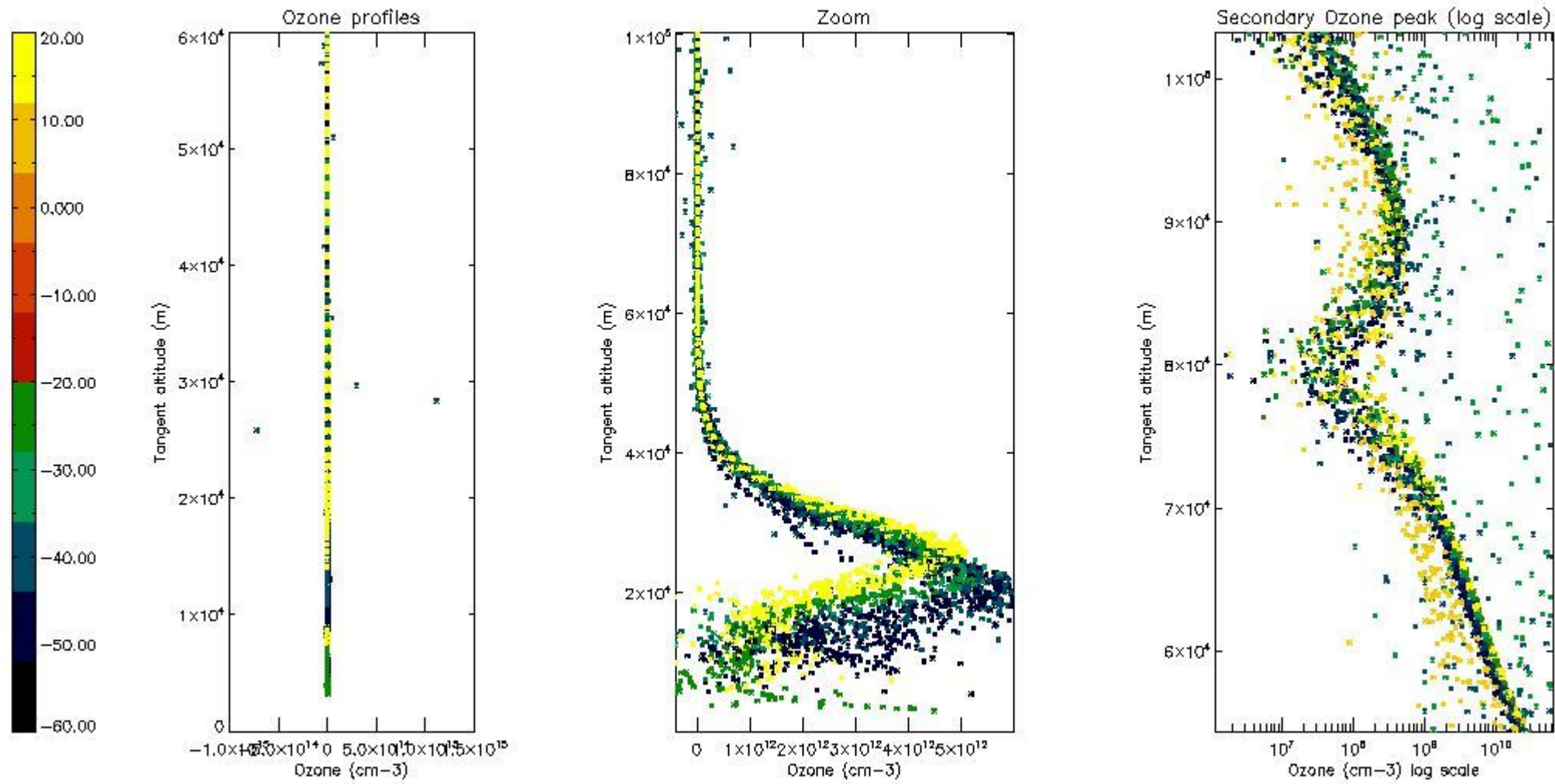
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	48
STD < 20	28

STD < 10	23
STD < 5	18

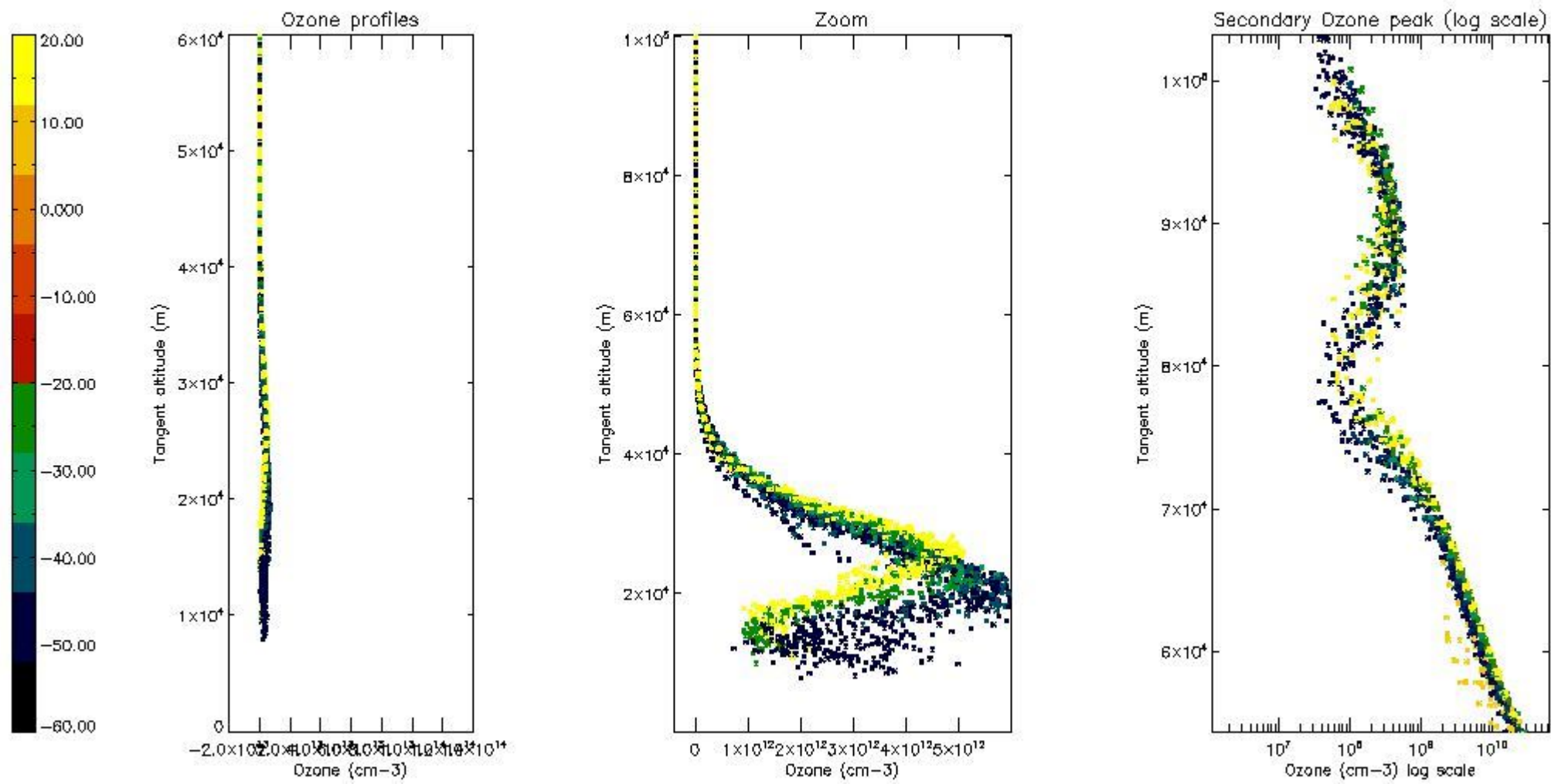
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



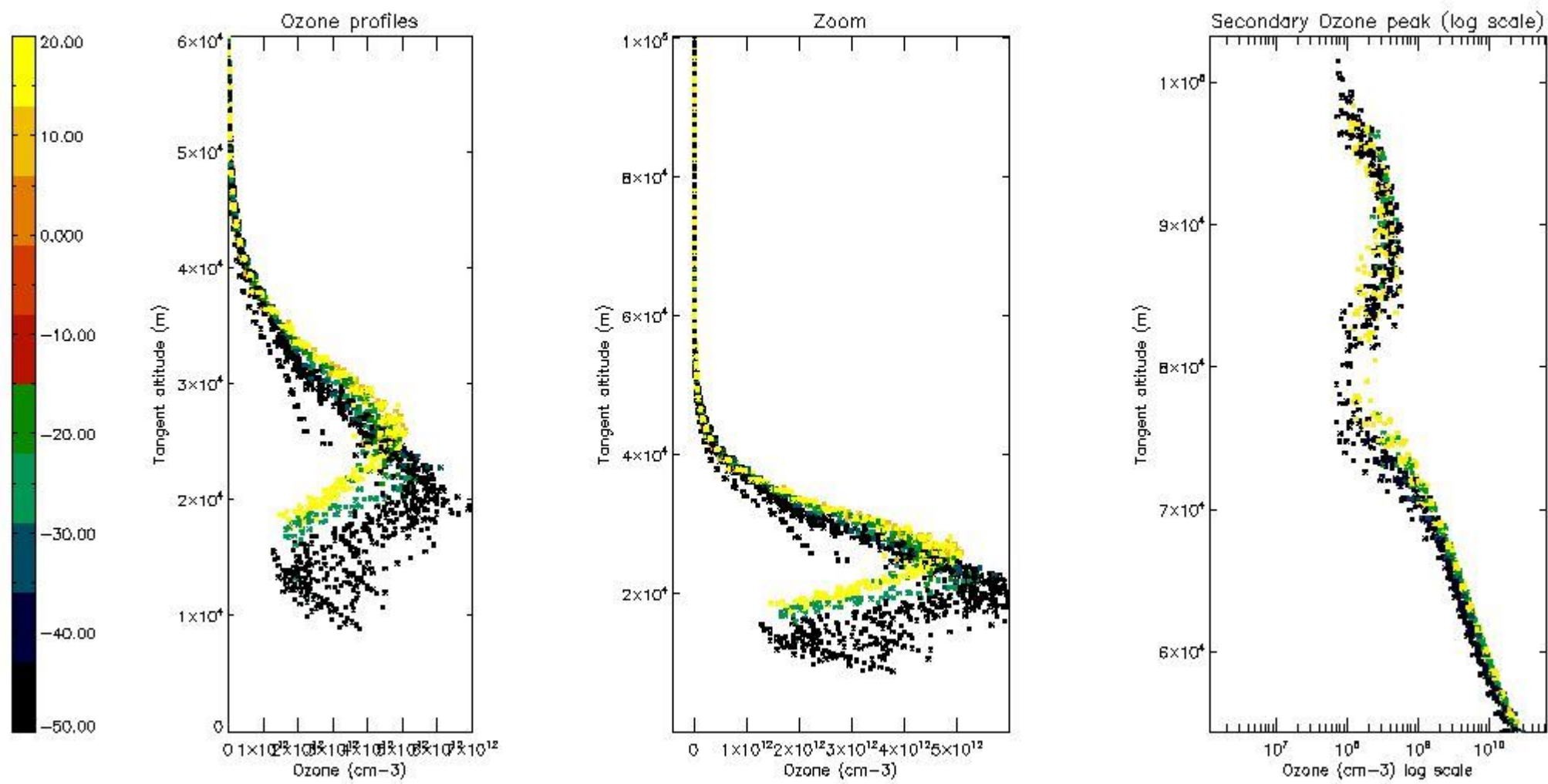
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



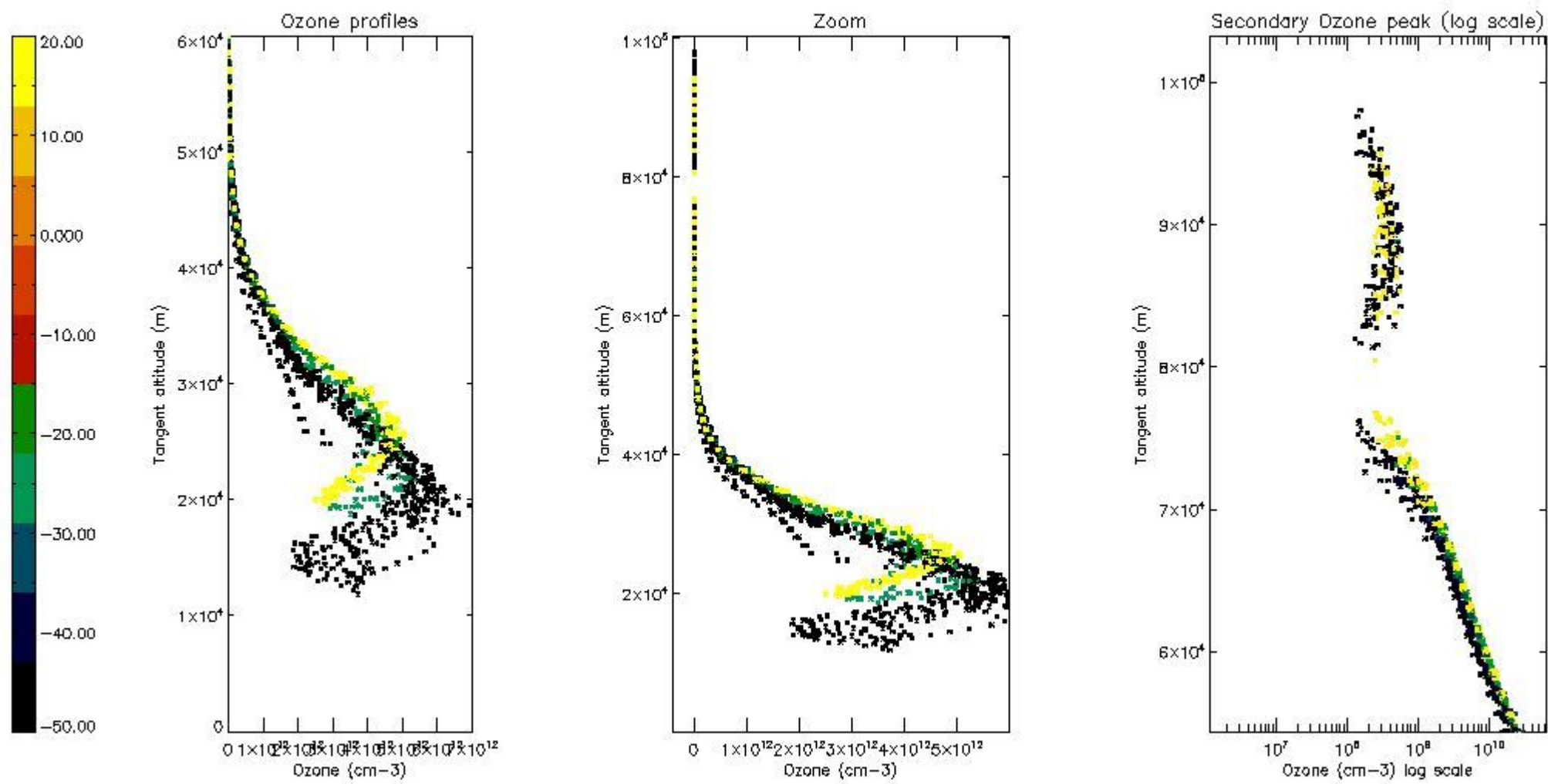
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



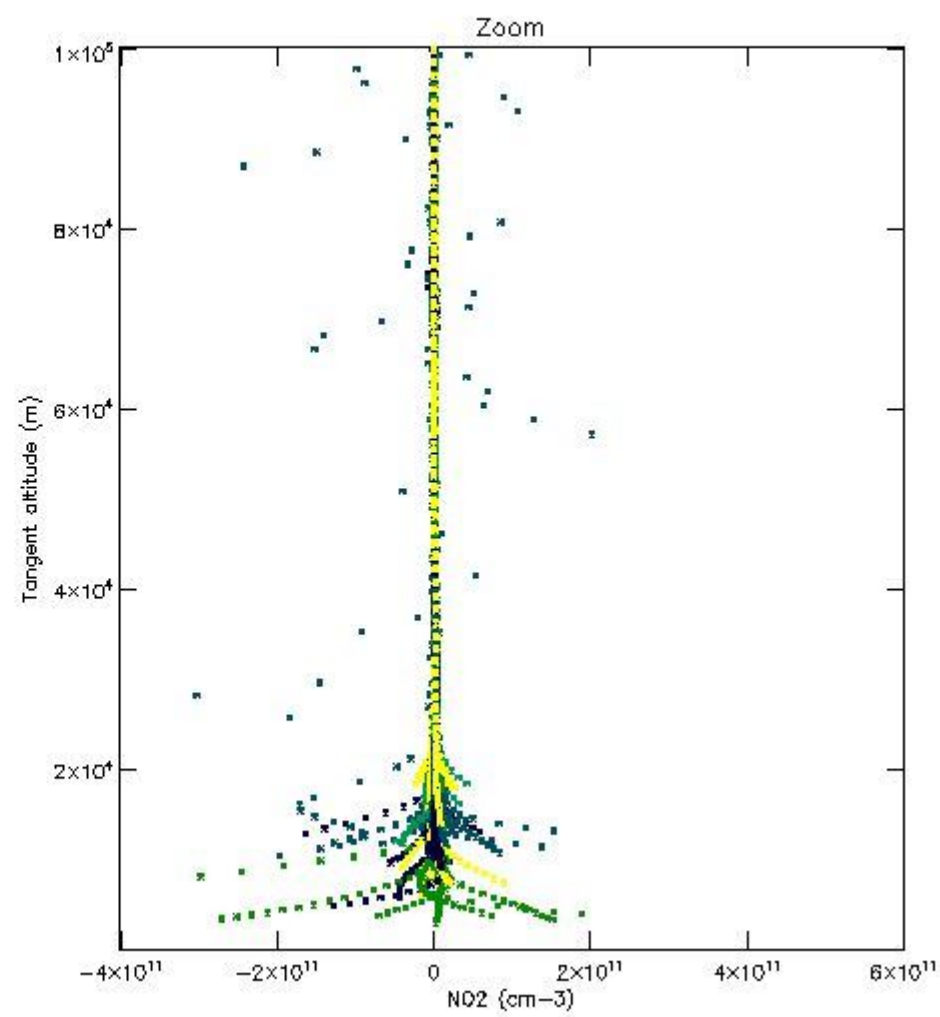
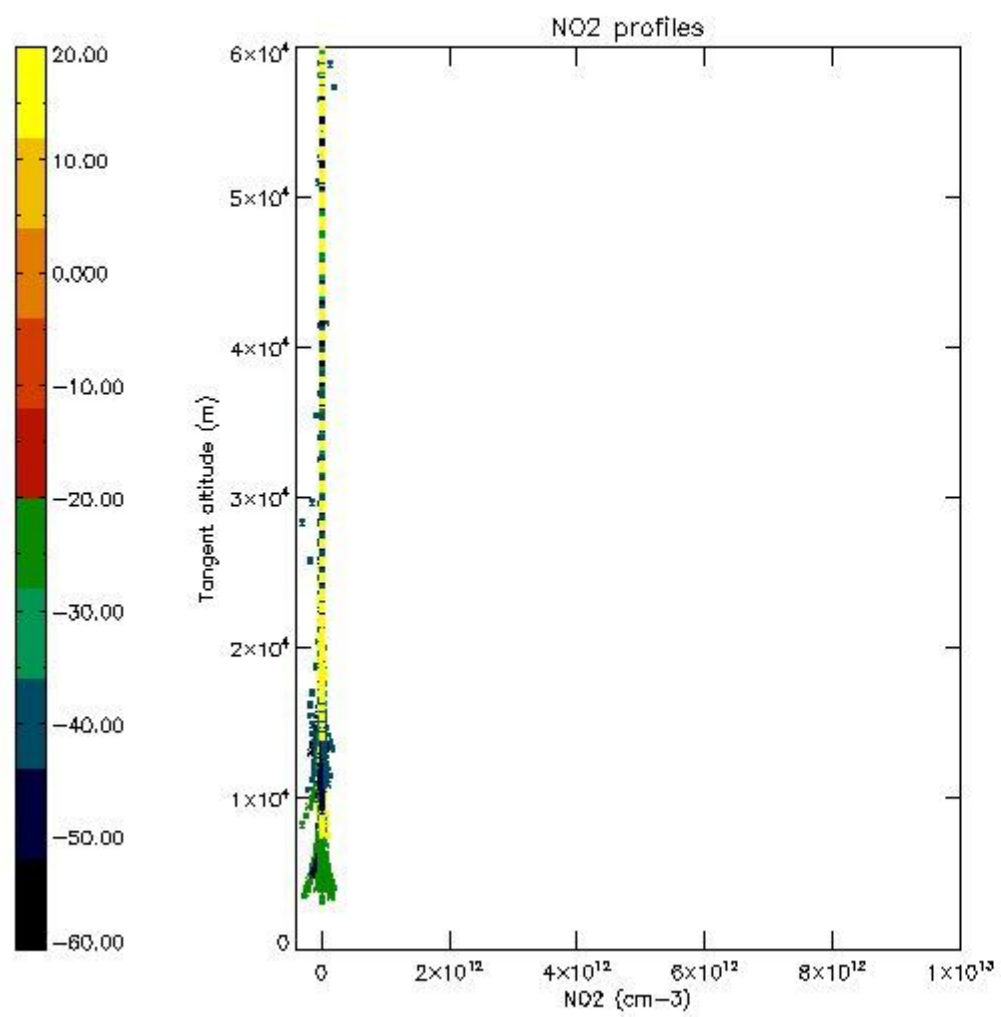
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



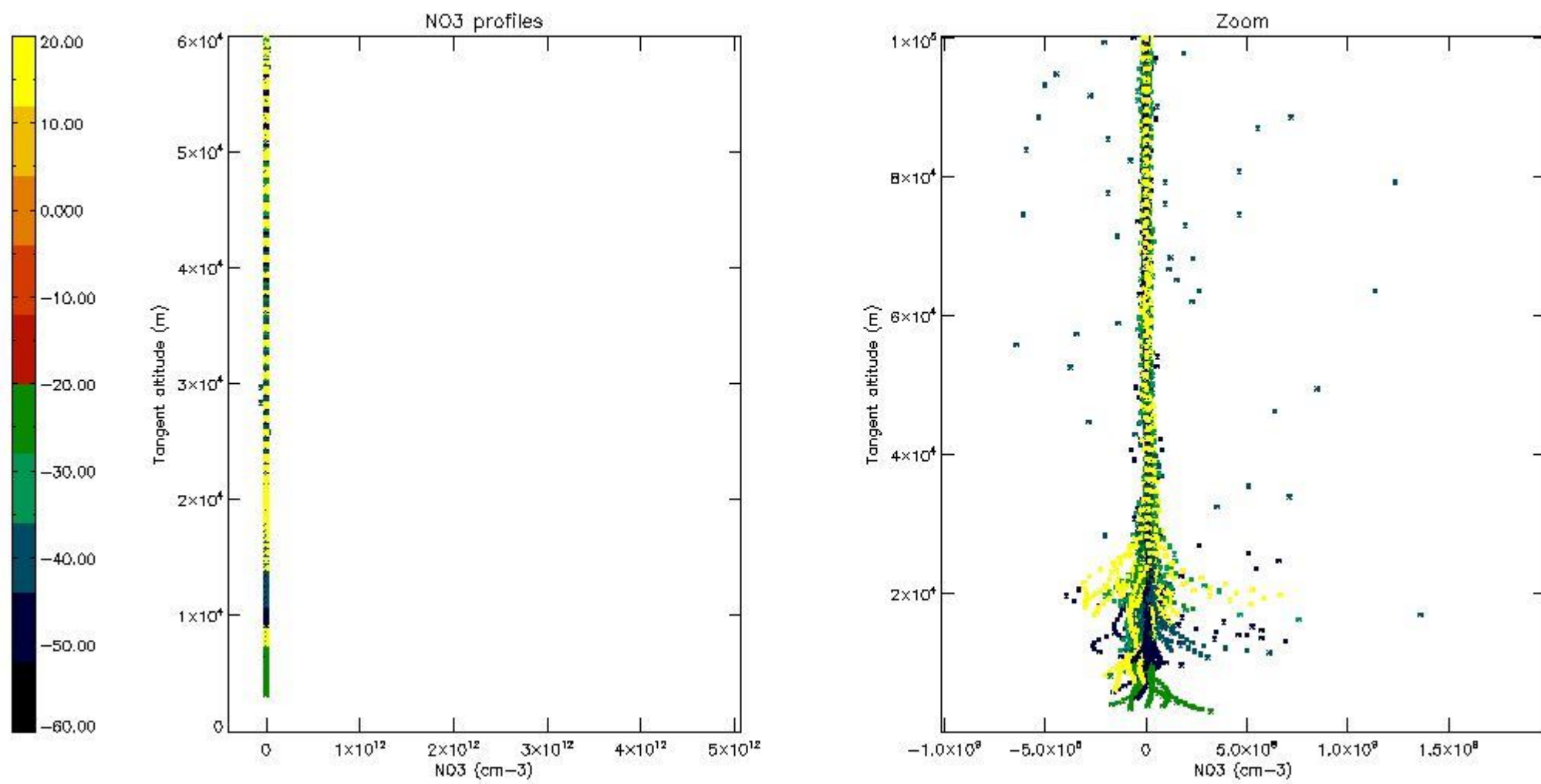
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



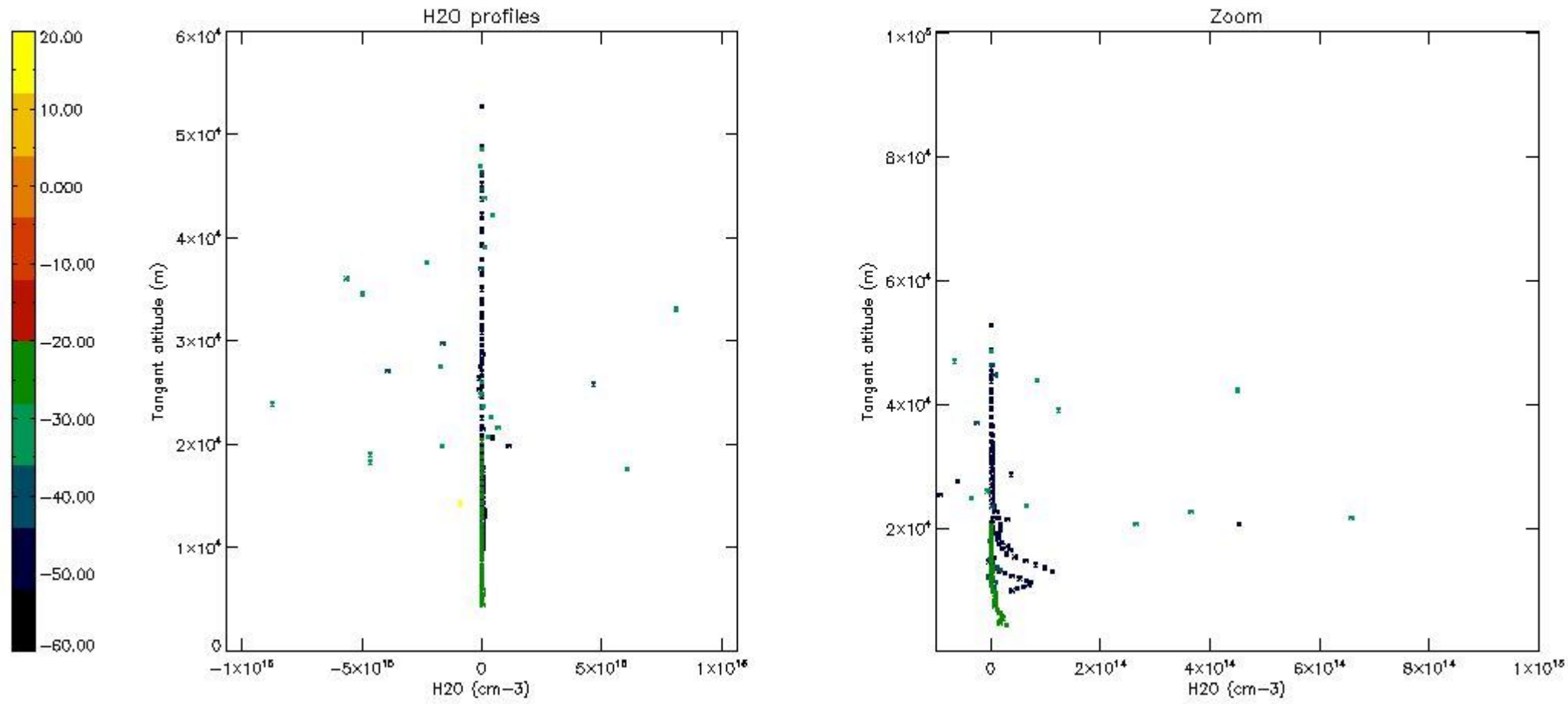
5.7 Plot NO3 profiles for all STD (dark without errors)

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	08-SEP-2007 00:04:43
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	08-SEP-2007 00:04:43
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	08-SEP-2007 00:04:43

GOMOS Level 2 Daily Report

SUMMARY

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[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 \(world map\)](#)

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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](#)

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

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

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

Item	Value
Time of report generation	23APR2013 04:02:24
Data source version	GOMOS/6.01
Start time of products	08-09-2007 (08SEP2007 00:00:00)
Stop time of products	09-09-2007 (09SEP2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	203
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20070908_000443_000000542061_00259_28870_3991.N1	08-SEP-2007 00:04:43	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	28870	No
2	GOM_NL__2PRFIN20070908_000718_000000462061_00259_28870_3992.N1	08-SEP-2007 00:07:18	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	28870	No
3	GOM_NL__2PRFIN20070908_000840_000000462061_00259_28870_3993.N1	08-SEP-2007 00:08:40	Dark	46.000	117	Pi Pup	2.7060	3800.0	92	28870	No
4	GOM_NL__2PRFIN20070908_001241_000000412061_00259_28870_3994.N1	08-SEP-2007 00:12:41	Dark	41.000	161	Tau Pup	2.9310	4500.0	82	28870	No
5	GOM_NL__2PRFIN20070908_001354_000000542061_00259_28870_3995.N1	08-SEP-2007 00:13:54	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	28870	No
6	GOM_NL__2PRFIN20070908_002418_000000412061_00260_28871_3993.N1	08-SEP-2007 00:24:18	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28871	No
7	GOM_NL__2PRFIN20070908_002539_000000512061_00260_28871_3994.N1	08-SEP-2007 00:25:39	Dark	51.000	9	Alp Eri	0.45300	24000.	102	28871	No
8	GOM_NL__2PRFIN20070908_003133_000000472061_00260_28871_3995.N1	08-SEP-2007 00:31:33	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	28871	No
9	GOM_NL__2PRFIN20070908_003714_000000452061_00260_28871_3996.N1	08-SEP-2007 00:37:14	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28871	No
10	GOM_NL__2PRFIN20070908_004617_000000382061_00260_28871_3997.N1	08-SEP-2007 00:46:17	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28871	No
11	GOM_NL__2PRFIN20070908_004915_000000382061_00260_28871_3998.N1	08-SEP-2007 00:49:15	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28871	No
12	GOM_NL__2PRFIN20070908_005544_000000412061_00260_28871_3999.N1	08-SEP-2007 00:55:44	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	28871	No
13	GOM_NL__2PRFIN20070908_010410_000000362061_00260_28871_4000.N1	08-SEP-2007 01:04:10	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	28871	No
14	GOM_NL__2PRFIN20070908_011153_000000372061_00260_28871_4001.N1	08-SEP-2007 01:11:53	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28871	No
15	GOM_NL__2PRFIN20070908_012906_000000402061_00260_28871_4002.N1	08-SEP-2007 01:29:06	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	28871	No
16	GOM_NL__2PRFIN20070908_013708_000000462061_00260_28871_4003.N1	08-SEP-2007 01:37:08	Twilight	45.500	8	10Alp CMi	0.40000	6500.0	91	28871	No
17	GOM_NL__2PRFIN20070908_014520_000000552061_00260_28871_4004.N1	08-SEP-2007 01:45:20	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	28871	No
18	GOM_NL__2PRFIN20070908_014754_000000462061_00260_28871_4005.N1	08-SEP-2007 01:47:54	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	28871	No
19	GOM_NL__2PRFIN20070908_014917_000000452061_00260_28871_4006.N1	08-SEP-2007 01:49:17	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	28871	No
20	GOM_NL__2PRFIN20070908_015317_000000392061_00260_28871_4007.N1	08-SEP-2007 01:53:17	Dark	39.000	161	Tau Pup	2.9310	4500.0	78	28871	No
21	GOM_NL__2PRFIN20070908_015431_000000492061_00260_28871_4008.N1	08-SEP-2007 01:54:31	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	28871	No
22	GOM_NL__2PRFIN20070908_020454_000000402061_00261_28872_4004.N1	08-SEP-2007 02:04:54	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28872	No
23	GOM_NL__2PRFIN20070908_020616_000000502061_00261_28872_4005.N1	08-SEP-2007 02:06:16	Dark	50.000	9	Alp Eri	0.45300	24000.	100	28872	No
24	GOM_NL__2PRFIN20070908_021209_000000492061_00261_28872_4006.N1	08-SEP-2007 02:12:09	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	28872	No
25	GOM_NL__2PRFIN20070908_021750_000000432061_00261_28872_4007.N1	08-SEP-2007 02:17:50	Straylight	43.000	18	24Alp PsA	1.1660	9700.0	86	28872	No
26	GOM_NL__2PRFIN20070908_022653_000000382061_00261_28872_4008.N1	08-SEP-2007 02:26:53	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28872	No
27	GOM_NL__2PRFIN20070908_022951_000000382061_00261_28872_4009.N1	08-SEP-2007 02:29:51	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28872	No
28	GOM_NL__2PRFIN20070908_023619_000000402061_00261_28872_4010.N1	08-SEP-2007 02:36:19	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	28872	No
29	GOM_NL__2PRFIN20070908_024446_000000332061_00261_28872_4011.N1	08-SEP-2007 02:44:46	Bright	32.500	89	5Alp Cep	2.4510	8000.0	65	28872	No
30	GOM_NL__2PRFIN20070908_025229_000000322061_00261_28872_4012.N1	08-SEP-2007 02:52:29	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	28872	No
31	GOM_NL__2PRFIN20070908_030942_000000412061_00261_28872_4013.N1	08-SEP-2007 03:09:42	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	28872	No
32	GOM_NL__2PRFIN20070908_031744_000000502061_00261_28872_4014.N1	08-SEP-2007 03:17:44	Twilight	50.000	8	10Alp CMi	0.40000	6500.0	100	28872	No
33	GOM_NL__2PRFIN20070908_032557_000000602061_00261_28872_4015.N1	08-SEP-2007 03:25:57	Dark	60.000	1	9Alp CMa	-1.4400	11000.	120	28872	No
34	GOM_NL__2PRFIN20070908_032831_000000462061_00261_28872_4016.N1	08-SEP-2007 03:28:31	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	28872	No
35	GOM_NL__2PRFIN20070908_032953_000000442061_00261_28872_4017.N1	08-SEP-2007 03:29:53	Dark	43.500	117	Pi Pup	2.7060	3800.0	87	28872	No
36	GOM_NL__2PRFIN20070908_033353_000000432061_00261_28872_4018.N1	08-SEP-2007 03:33:53	Dark	43.000	161	Tau Pup	2.9310	4500.0	86	28872	No
37	GOM_NL__2PRFIN20070908_033507_000000552061_00261_28872_4019.N1	08-SEP-2007 03:35:07	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	28872	No
38	GOM_NL__2PRFIN20070908_034531_000000402061_00262_28873_4010.N1	08-SEP-2007 03:45:31	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28873	No
39	GOM_NL__2PRFIN20070908_034653_000000462061_00262_28873_4011.N1	08-SEP-2007 03:46:53	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28873	No
40	GOM_NL__2PRFIN20070908_035246_000000512061_00262_28873_4012.N1	08-SEP-2007 03:52:46	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	28873	No
41	GOM_NL__2PRFIN20070908_035826_000000442061_00262_28873_4013.N1	08-SEP-2007 03:58:26	Straylight	44.000	18	24Alp PsA	1.1660	9700.0	88	28873	No
42	GOM_NL__2PRFIN20070908_040729_000000392061_00262_28873_4014.N1	08-SEP-2007 04:07:29	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28873	No

43	GOM_NL__2PRFIN20070908_041027_000000382061_00262_28873_4015.N1	08-SEP-2007 04:10:27	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	28873	No
44	GOM_NL__2PRFIN20070908_041655_000000402061_00262_28873_4016.N1	08-SEP-2007 04:16:55	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	28873	No
45	GOM_NL__2PRFIN20070908_042522_000000372061_00262_28873_4017.N1	08-SEP-2007 04:25:22	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28873	No
46	GOM_NL__2PRFIN20070908_043305_000000372061_00262_28873_4018.N1	08-SEP-2007 04:33:05	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28873	No
47	GOM_NL__2PRFIN20070908_045018_000000422061_00262_28873_4019.N1	08-SEP-2007 04:50:18	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	28873	No
48	GOM_NL__2PRFIN20070908_045821_000000452061_00262_28873_4020.N1	08-SEP-2007 04:58:21	Twilight	44.500	8	10Alp CMi	0.40000	6500.0	89	28873	No
49	GOM_NL__2PRFIN20070908_050633_000000582061_00262_28873_4021.N1	08-SEP-2007 05:06:33	Dark	57.500	1	9Alp CMa	-1.4400	11000.	115	28873	No
50	GOM_NL__2PRFIN20070908_050908_000000462061_00262_28873_4022.N1	08-SEP-2007 05:09:08	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	28873	No
51	GOM_NL__2PRFIN20070908_051030_000000452061_00262_28873_4023.N1	08-SEP-2007 05:10:30	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	28873	No
52	GOM_NL__2PRFIN20070908_051430_000000442061_00262_28873_4024.N1	08-SEP-2007 05:14:30	Dark	43.500	161	Tau Pup	2.9310	4500.0	87	28873	No
53	GOM_NL__2PRFIN20070908_051544_000000552061_00262_28873_4025.N1	08-SEP-2007 05:15:44	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	28873	No
54	GOM_NL__2PRFIN20070908_052607_000000392061_00263_28874_4039.N1	08-SEP-2007 05:26:07	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28874	No
55	GOM_NL__2PRFIN20070908_052729_000000442061_00263_28874_4040.N1	08-SEP-2007 05:27:29	Dark	43.500	9	Alp Eri	0.45300	24000.	87	28874	No
56	GOM_NL__2PRFIN20070908_053322_000000572061_00263_28874_4041.N1	08-SEP-2007 05:33:22	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	28874	No
57	GOM_NL__2PRFIN20070908_053903_000000472061_00263_28874_4042.N1	08-SEP-2007 05:39:03	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	28874	No
58	GOM_NL__2PRFIN20070908_054805_000000392061_00263_28874_4043.N1	08-SEP-2007 05:48:05	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28874	No
59	GOM_NL__2PRFIN20070908_055103_000000372061_00263_28874_4044.N1	08-SEP-2007 05:51:03	Bright	36.500	61	8Eps Peg	2.1000	3900.0	73	28874	No
60	GOM_NL__2PRFIN20070908_055731_000000392061_00263_28874_4045.N1	08-SEP-2007 05:57:31	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	28874	No
61	GOM_NL__2PRFIN20070908_060558_000000372061_00263_28874_4046.N1	08-SEP-2007 06:05:58	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28874	No
62	GOM_NL__2PRFIN20070908_061341_000000372061_00263_28874_4047.N1	08-SEP-2007 06:13:41	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28874	No
63	GOM_NL__2PRFIN20070908_063054_000000422061_00263_28874_4048.N1	08-SEP-2007 06:30:54	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	28874	No
64	GOM_NL__2PRFIN20070908_063857_000000462061_00263_28874_4049.N1	08-SEP-2007 06:38:57	Twilight	45.500	8	10Alp CMi	0.40000	6500.0	91	28874	No
65	GOM_NL__2PRFIN20070908_064710_000000522061_00263_28874_4050.N1	08-SEP-2007 06:47:10	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	28874	No
66	GOM_NL__2PRFIN20070908_064944_000000462061_00263_28874_4051.N1	08-SEP-2007 06:49:44	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	28874	No
67	GOM_NL__2PRFIN20070908_065106_000000422061_00263_28874_4052.N1	08-SEP-2007 06:51:06	Dark	41.500	117	Pi Pup	2.7060	3800.0	83	28874	No
68	GOM_NL__2PRFIN20070908_065506_000000392061_00263_28874_4053.N1	08-SEP-2007 06:55:06	Dark	39.000	161	Tau Pup	2.9310	4500.0	78	28874	No
69	GOM_NL__2PRFIN20070908_065620_000000552061_00263_28874_4054.N1	08-SEP-2007 06:56:20	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	28874	No
70	GOM_NL__2PRFIN20070908_070644_000000402061_00264_28875_4049.N1	08-SEP-2007 07:06:44	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28875	No
71	GOM_NL__2PRFIN20070908_070806_000000542061_00264_28875_4050.N1	08-SEP-2007 07:08:06	Dark	53.500	9	Alp Eri	0.45300	24000.	107	28875	No
72	GOM_NL__2PRFIN20070908_071359_000000542061_00264_28875_4051.N1	08-SEP-2007 07:13:59	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	28875	No
73	GOM_NL__2PRFIN20070908_071939_000000442061_00264_28875_4052.N1	08-SEP-2007 07:19:39	Straylight	43.500	18	24Alp PsA	1.1660	9700.0	87	28875	No
74	GOM_NL__2PRFIN20070908_072841_000000392061_00264_28875_4053.N1	08-SEP-2007 07:28:41	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28875	No
75	GOM_NL__2PRFIN20070908_073139_000000382061_00264_28875_4054.N1	08-SEP-2007 07:31:39	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28875	No
76	GOM_NL__2PRFIN20070908_073806_000000402061_00264_28875_4055.N1	08-SEP-2007 07:38:06	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	28875	No
77	GOM_NL__2PRFIN20070908_074634_000000362061_00264_28875_4056.N1	08-SEP-2007 07:46:34	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	28875	No
78	GOM_NL__2PRFIN20070908_075417_000000362061_00264_28875_4057.N1	08-SEP-2007 07:54:17	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28875	No
79	GOM_NL__2PRFIN20070908_081130_000000412061_00264_28875_4058.N1	08-SEP-2007 08:11:30	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	28875	No
80	GOM_NL__2PRFIN20070908_081933_000000412061_00264_28875_4059.N1	08-SEP-2007 08:19:33	Twilight	41.000	8	10Alp CMi	0.40000	6500.0	82	28875	No
81	GOM_NL__2PRFIN20070908_082747_000000542061_00264_28875_4060.N1	08-SEP-2007 08:27:47	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	28875	No
82	GOM_NL__2PRFIN20070908_083021_000000462061_00264_28875_4061.N1	08-SEP-2007 08:30:21	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	28875	No
83	GOM_NL__2PRFIN20070908_083142_000000462061_00264_28875_4062.N1	08-SEP-2007 08:31:42	Dark	45.500	117	Pi Pup	2.7060	3800.0	91	28875	No
84	GOM_NL__2PRFIN20070908_083543_000000422061_00264_28875_4063.N1	08-SEP-2007 08:35:43	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	28875	No
85	GOM_NL__2PRFIN20070908_083656_000000442061_00264_28875_4064.N1	08-SEP-2007 08:36:56	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	28875	No
86	GOM_NL__2PRFIN20070908_084721_000000402061_00265_28876_4072.N1	08-SEP-2007 08:47:21	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28876	No
87	GOM_NL__2PRFIN20070908_084842_000000522061_00265_28876_4073.N1	08-SEP-2007 08:48:42	Dark	51.500	9	Alp Eri	0.45300	24000.	103	28876	No
88	GOM_NL__2PRFIN20070908_085435_000000492061_00265_28876_4074.N1	08-SEP-2007 08:54:35	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	28876	No
89	GOM_NL__2PRFIN20070908_090015_000000462061_00265_28876_4075.N1	08-SEP-2007 09:00:15	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	28876	No
90	GOM_NL__2PRFIN20070908_090917_000000382061_00265_28876_4076.N1	08-SEP-2007 09:09:17	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	28876	No
91	GOM_NL__2PRFIN20070908_091215_000000382061_00265_28876_4077.N1	08-SEP-2007 09:12:15	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	28876	No
92	GOM_NL__2PRFIN20070908_091842_000000392061_00265_28876_4078.N1	08-SEP-2007 09:18:42	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	28876	No
93	GOM_NL__2PRFIN20070908_092710_000000362061_00265_28876_4079.N1	08-SEP-2007 09:27:10	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28876	No
94	GOM_NL__2PRFIN20070908_093453_000000372061_00265_28876_4080.N1	08-SEP-2007 09:34:53	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28876	No
95	GOM_NL__2PRFIN20070908_095206_000000402061_00265_28876_4081.N1	08-SEP-2007 09:52:06	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	28876	No
96	GOM_NL__2PRFIN20070908_100010_000000412061_00265_28876_4082.N1	08-SEP-2007 10:00:10	Twilight	41.000	8	10Alp CMi	0.40000	6500.0	82	28876	No
97	GOM_NL__2PRFIN20070908_100824_000000552061_00265_28876_4083.N1	08-SEP-2007 10:08:24	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	28876	No
98	GOM_NL__2PRFIN20070908_101057_000000442061_00265_28876_4084.N1	08-SEP-2007 10:10:57	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	28876	No
99	GOM_NL__2PRFIN20070908_101219_000000422061_00265_28876_4085.N1	08-SEP-2007 10:12:19	Dark	42.000	117	Pi Pup	2.7060	3800.0	84	28876	No
100	GOM_NL__2PRFIN20070908_101619_000000442061_00265_28876_4086.N1	08-SEP-2007 10:16:19	Dark	44.000	161	Tau Pup	2.9310	4500.0	88	28876	No
101	GOM_NL__2PRFIN20070908_101733_000000412061_00265_28876_4087.N1	08-SEP-2007 10:17:33	Dark	41.000	2	Alp Car	-0.73600	7000.0	82	28876	No

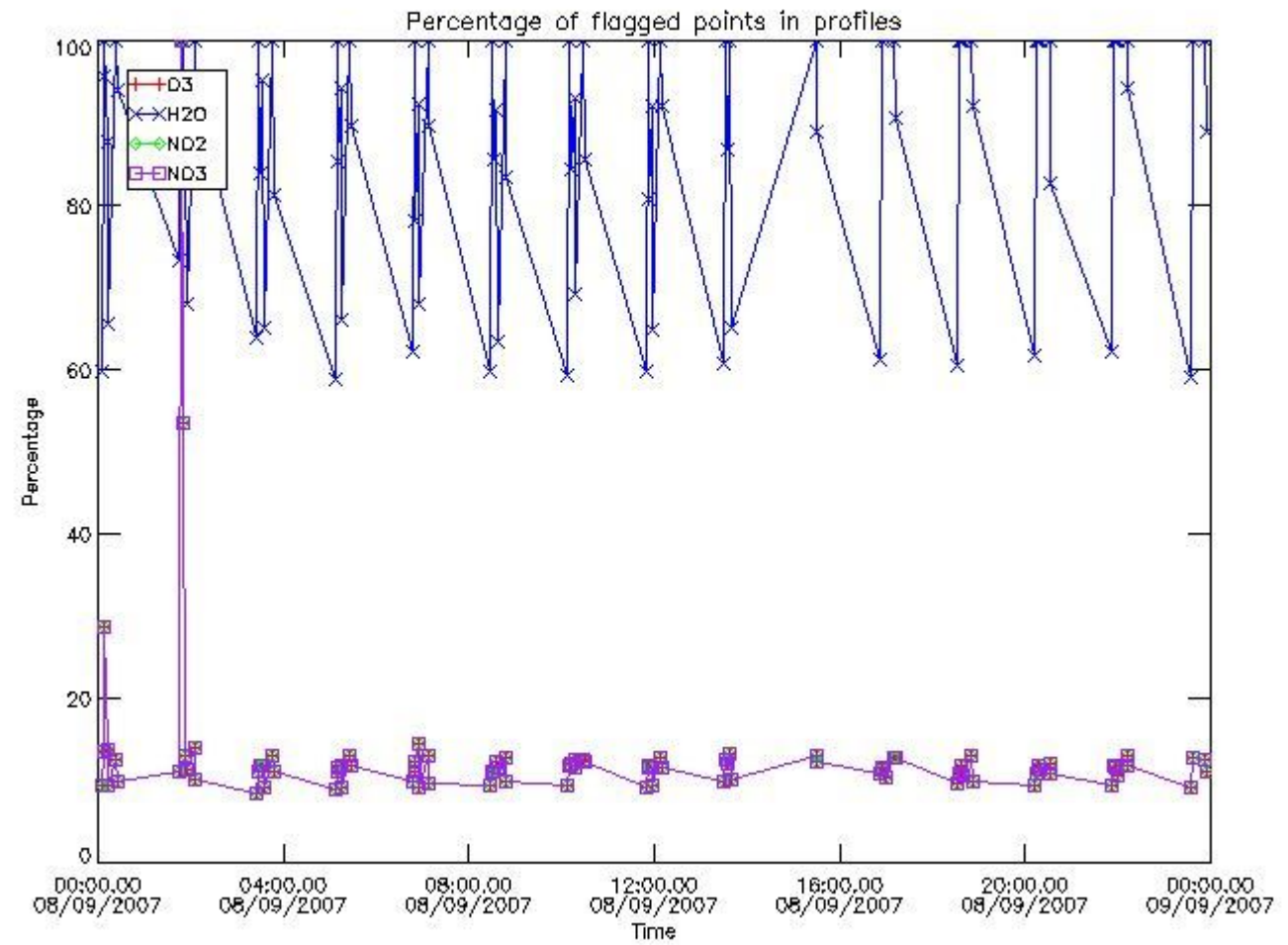
102	GOM_NL__2PRFIN20070908_102757_000000412061_00266_28877_4105.N1	08-SEP-2007 10:27:57	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	28877	No
103	GOM_NL__2PRFIN20070908_102919_000000462061_00266_28877_4106.N1	08-SEP-2007 10:29:19	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28877	No
104	GOM_NL__2PRFIN20070908_103512_000000502061_00266_28877_4107.N1	08-SEP-2007 10:35:12	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	28877	No
105	GOM_NL__2PRFIN20070908_104051_000000442061_00266_28877_4108.N1	08-SEP-2007 10:40:51	Straylight	43.500	18	24Alp PsA	1.1660	9700.0	87	28877	No
106	GOM_NL__2PRFIN20070908_104953_000000392061_00266_28877_4109.N1	08-SEP-2007 10:49:53	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28877	No
107	GOM_NL__2PRFIN20070908_105251_000000382061_00266_28877_4110.N1	08-SEP-2007 10:52:51	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28877	No
108	GOM_NL__2PRFIN20070908_105917_000000392061_00266_28877_4111.N1	08-SEP-2007 10:59:17	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	28877	No
109	GOM_NL__2PRFIN20070908_110746_000000362061_00266_28877_4112.N1	08-SEP-2007 11:07:46	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	28877	No
110	GOM_NL__2PRFIN20070908_111529_000000362061_00266_28877_4113.N1	08-SEP-2007 11:15:29	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28877	No
111	GOM_NL__2PRFIN20070908_113242_000000402061_00266_28877_4114.N1	08-SEP-2007 11:32:42	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28877	No
112	GOM_NL__2PRFIN20070908_114046_000000532061_00266_28877_4115.N1	08-SEP-2007 11:40:46	Twilight	52.500	8	10Alp CMi	0.40000	6500.0	105	28877	No
113	GOM_NL__2PRFIN20070908_114900_000000622061_00266_28877_4116.N1	08-SEP-2007 11:49:00	Dark	61.500	1	9Alp CMa	-1.4400	11000.	123	28877	No
114	GOM_NL__2PRFIN20070908_115134_000000442061_00266_28877_4117.N1	08-SEP-2007 11:51:34	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	28877	No
115	GOM_NL__2PRFIN20070908_115255_000000452061_00266_28877_4118.N1	08-SEP-2007 11:52:55	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	28877	No
116	GOM_NL__2PRFIN20070908_115655_000000442061_00266_28877_4119.N1	08-SEP-2007 11:56:55	Dark	44.000	161	Tau Pup	2.9310	4500.0	88	28877	No
117	GOM_NL__2PRFIN20070908_115809_000000552061_00266_28877_4120.N1	08-SEP-2007 11:58:09	Dark	54.500	2	Alp Car	-0.73600	7000.0	109	28877	No
118	GOM_NL__2PRFIN20070908_120833_000000402061_00267_28878_4118.N1	08-SEP-2007 12:08:33	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28878	No
119	GOM_NL__2PRFIN20070908_120955_000000442061_00267_28878_4119.N1	08-SEP-2007 12:09:55	Dark	44.000	9	Alp Eri	0.45300	24000.	88	28878	No
120	GOM_NL__2PRFIN20070908_121548_000000472061_00267_28878_4120.N1	08-SEP-2007 12:15:48	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	28878	No
121	GOM_NL__2PRFIN20070908_122127_000000422061_00267_28878_4121.N1	08-SEP-2007 12:21:27	Straylight	41.500	18	24Alp PsA	1.1660	9700.0	83	28878	No
122	GOM_NL__2PRFIN20070908_123029_000000382061_00267_28878_4122.N1	08-SEP-2007 12:30:29	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28878	No
123	GOM_NL__2PRFIN20070908_123327_000000372061_00267_28878_4123.N1	08-SEP-2007 12:33:27	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	28878	No
124	GOM_NL__2PRFIN20070908_123953_000000402061_00267_28878_4124.N1	08-SEP-2007 12:39:53	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	28878	No
125	GOM_NL__2PRFIN20070908_124822_000000332061_00267_28878_4125.N1	08-SEP-2007 12:48:22	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	28878	No
126	GOM_NL__2PRFIN20070908_125605_000000362061_00267_28878_4126.N1	08-SEP-2007 12:56:05	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28878	No
127	GOM_NL__2PRFIN20070908_131318_000000402061_00267_28878_4127.N1	08-SEP-2007 13:13:18	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28878	No
128	GOM_NL__2PRFIN20070908_132122_000000572061_00267_28878_4128.N1	08-SEP-2007 13:21:22	Twilight	57.000	8	10Alp CMi	0.40000	6500.0	114	28878	No
129	GOM_NL__2PRFIN20070908_132937_000000522061_00267_28878_4129.N1	08-SEP-2007 13:29:37	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	28878	No
130	GOM_NL__2PRFIN20070908_133210_000000452061_00267_28878_4130.N1	08-SEP-2007 13:32:10	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	28878	No
131	GOM_NL__2PRFIN20070908_133332_000000422061_00267_28878_4131.N1	08-SEP-2007 13:33:32	Dark	42.000	117	Pi Pup	2.7060	3800.0	84	28878	No
132	GOM_NL__2PRFIN20070908_133732_000000392061_00267_28878_4132.N1	08-SEP-2007 13:37:32	Dark	38.500	161	Tau Pup	2.9310	4500.0	77	28878	No
133	GOM_NL__2PRFIN20070908_133846_000000552061_00267_28878_4133.N1	08-SEP-2007 13:38:46	Dark	54.500	2	Alp Car	-0.73600	7000.0	109	28878	No
134	GOM_NL__2PRFIN20070908_152946_000000402061_00269_28880_4151.N1	08-SEP-2007 15:29:46	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28880	No
135	GOM_NL__2PRFIN20070908_153108_000000422061_00269_28880_4152.N1	08-SEP-2007 15:31:08	Dark	41.500	9	Alp Eri	0.45300	24000.	83	28880	No
136	GOM_NL__2PRFIN20070908_153701_000000502061_00269_28880_4153.N1	08-SEP-2007 15:37:01	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	28880	No
137	GOM_NL__2PRFIN20070908_154239_000000462061_00269_28880_4154.N1	08-SEP-2007 15:42:39	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	28880	No
138	GOM_NL__2PRFIN20070908_155140_000000382061_00269_28880_4155.N1	08-SEP-2007 15:51:40	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28880	No
139	GOM_NL__2PRFIN20070908_155650_000000422061_00269_28880_4156.N1	08-SEP-2007 15:56:50	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	28880	No
140	GOM_NL__2PRFIN20070908_160104_000000422061_00269_28880_4157.N1	08-SEP-2007 16:01:04	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	28880	No
141	GOM_NL__2PRFIN20070908_161127_000000402061_00269_28880_4158.N1	08-SEP-2007 16:11:27	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	28880	No
142	GOM_NL__2PRFIN20070908_163430_000000402061_00269_28880_4159.N1	08-SEP-2007 16:34:30	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	28880	No
143	GOM_NL__2PRFIN20070908_164235_000000492061_00269_28880_4160.N1	08-SEP-2007 16:42:35	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	28880	No
144	GOM_NL__2PRFIN20070908_165051_000000522061_00269_28880_4161.N1	08-SEP-2007 16:50:51	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	28880	No
145	GOM_NL__2PRFIN20070908_165324_000000452061_00269_28880_4162.N1	08-SEP-2007 16:53:24	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	28880	No
146	GOM_NL__2PRFIN20070908_165525_000000442061_00269_28880_4163.N1	08-SEP-2007 16:55:25	Dark	44.000	177	1Zet CMa	3.0220	26000.	88	28880	No
147	GOM_NL__2PRFIN20070908_165837_000000502061_00269_28880_4164.N1	08-SEP-2007 16:58:37	Dark	49.500	108	Alp Col	2.6520	15200.	99	28880	No
148	GOM_NL__2PRFIN20070908_171023_000000402061_00270_28881_4165.N1	08-SEP-2007 17:10:23	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28881	No
149	GOM_NL__2PRFIN20070908_171145_000000442061_00270_28881_4166.N1	08-SEP-2007 17:11:45	Dark	43.500	9	Alp Eri	0.45300	24000.	87	28881	No
150	GOM_NL__2PRFIN20070908_171737_000000472061_00270_28881_4167.N1	08-SEP-2007 17:17:37	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	28881	No
151	GOM_NL__2PRFIN20070908_172316_000000462061_00270_28881_4168.N1	08-SEP-2007 17:23:16	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	28881	No
152	GOM_NL__2PRFIN20070908_173216_000000382061_00270_28881_4169.N1	08-SEP-2007 17:32:16	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28881	No
153	GOM_NL__2PRFIN20070908_173726_000000432061_00270_28881_4170.N1	08-SEP-2007 17:37:26	Bright	43.000	90	54Alp Peg	2.4870	11000.	86	28881	No
154	GOM_NL__2PRFIN20070908_174140_000000402061_00270_28881_4171.N1	08-SEP-2007 17:41:40	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	28881	No
155	GOM_NL__2PRFIN20070908_175202_000000432061_00270_28881_4172.N1	08-SEP-2007 17:52:02	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	28881	No
156	GOM_NL__2PRFIN20070908_181506_000000422061_00270_28881_4173.N1	08-SEP-2007 18:15:06	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	28881	No
157	GOM_NL__2PRFIN20070908_182311_000000542061_00270_28881_4174.N1	08-SEP-2007 18:23:11	Twilight	53.500	8	10Alp CMi	0.40000	6500.0	107	28881	No
158	GOM_NL__2PRFIN20070908_183127_000000542061_00270_28881_4175.N1	08-SEP-2007 18:31:27	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	28881	No
159	GOM_NL__2PRFIN20070908_183400_000000472061_00270_28881_4176.N1	08-SEP-2007 18:34:00	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	28881	No
160	GOM_NL__2PRFIN20070908_183602_000000442061_00270_28881_4177.N1	08-SEP-2007 18:36:02	Dark	43.500	177	1Zet CMa	3.0220	26000.	87	28881	No

161	GOM_NL__2PRFIN20070908_183914_000000492061_00270_28881_4178.N1	08-SEP-2007 18:39:14	Dark	48.500	108	Alp Col	2.6520	15200.	97	28881	No
162	GOM_NL__2PRFIN20070908_185059_000000402061_00271_28882_4178.N1	08-SEP-2007 18:50:59	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28882	No
163	GOM_NL__2PRFIN20070908_185221_000000522061_00271_28882_4179.N1	08-SEP-2007 18:52:21	Dark	51.500	9	Alp Eri	0.45300	24000.	103	28882	No
164	GOM_NL__2PRFIN20070908_185814_000000482061_00271_28882_4180.N1	08-SEP-2007 18:58:14	Straylight	48.000	84	Alp Phe	2.3970	4500.0	96	28882	No
165	GOM_NL__2PRFIN20070908_190352_000000432061_00271_28882_4181.N1	08-SEP-2007 19:03:52	Straylight	43.000	18	24Alp PsA	1.1660	9700.0	86	28882	No
166	GOM_NL__2PRFIN20070908_191252_000000392061_00271_28882_4182.N1	08-SEP-2007 19:12:52	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28882	No
167	GOM_NL__2PRFIN20070908_191802_000000422061_00271_28882_4183.N1	08-SEP-2007 19:18:02	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	28882	No
168	GOM_NL__2PRFIN20070908_192215_000000382061_00271_28882_4184.N1	08-SEP-2007 19:22:15	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	28882	No
169	GOM_NL__2PRFIN20070908_193237_000000432061_00271_28882_4185.N1	08-SEP-2007 19:32:37	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	28882	No
170	GOM_NL__2PRFIN20070908_195542_000000402061_00271_28882_4186.N1	08-SEP-2007 19:55:42	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28882	No
171	GOM_NL__2PRFIN20070908_200348_000000482061_00271_28882_4187.N1	08-SEP-2007 20:03:48	Twilight	48.000	8	10Alp CMi	0.40000	6500.0	96	28882	No
172	GOM_NL__2PRFIN20070908_201204_000000542061_00271_28882_4188.N1	08-SEP-2007 20:12:04	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	28882	No
173	GOM_NL__2PRFIN20070908_201437_000000472061_00271_28882_4189.N1	08-SEP-2007 20:14:37	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	28882	No
174	GOM_NL__2PRFIN20070908_201639_000000432061_00271_28882_4190.N1	08-SEP-2007 20:16:39	Dark	43.000	177	1Zet CMa	3.0220	26000.	86	28882	No
175	GOM_NL__2PRFIN20070908_201951_000000492061_00271_28882_4191.N1	08-SEP-2007 20:19:51	Dark	49.000	108	Alp Col	2.6520	15200.	98	28882	No
176	GOM_NL__2PRFIN20070908_203136_000000422061_00272_28883_4188.N1	08-SEP-2007 20:31:36	Dark	42.000	143	Alp Hyi	2.8570	7200.0	84	28883	No
177	GOM_NL__2PRFIN20070908_203258_000000462061_00272_28883_4189.N1	08-SEP-2007 20:32:58	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28883	No
178	GOM_NL__2PRFIN20070908_203850_000000492061_00272_28883_4190.N1	08-SEP-2007 20:38:50	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	28883	No
179	GOM_NL__2PRFIN20070908_204428_000000442061_00272_28883_4191.N1	08-SEP-2007 20:44:28	Straylight	43.500	18	24Alp PsA	1.1660	9700.0	87	28883	No
180	GOM_NL__2PRFIN20070908_205328_000000382061_00272_28883_4192.N1	08-SEP-2007 20:53:28	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28883	No
181	GOM_NL__2PRFIN20070908_205837_000000422061_00272_28883_4193.N1	08-SEP-2007 20:58:37	Bright	42.000	90	54Alp Peg	2.4870	11000.	84	28883	No
182	GOM_NL__2PRFIN20070908_210251_000000392061_00272_28883_4194.N1	08-SEP-2007 21:02:51	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	28883	No
183	GOM_NL__2PRFIN20070908_211313_000000432061_00272_28883_4195.N1	08-SEP-2007 21:13:13	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	28883	No
184	GOM_NL__2PRFIN20070908_213618_000000412061_00272_28883_4196.N1	08-SEP-2007 21:36:18	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	28883	No
185	GOM_NL__2PRFIN20070908_214424_000000472061_00272_28883_4197.N1	08-SEP-2007 21:44:24	Twilight	47.000	8	10Alp CMi	0.40000	6500.0	94	28883	No
186	GOM_NL__2PRFIN20070908_215241_000000552061_00272_28883_4198.N1	08-SEP-2007 21:52:41	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	28883	No
187	GOM_NL__2PRFIN20070908_215513_000000442061_00272_28883_4199.N1	08-SEP-2007 21:55:13	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	28883	No
188	GOM_NL__2PRFIN20070908_215716_000000442061_00272_28883_4200.N1	08-SEP-2007 21:57:16	Dark	44.000	177	1Zet CMa	3.0220	26000.	88	28883	No
189	GOM_NL__2PRFIN20070908_220028_000000492061_00272_28883_4201.N1	08-SEP-2007 22:00:28	Dark	48.500	108	Alp Col	2.6520	15200.	97	28883	No
190	GOM_NL__2PRFIN20070908_221212_000000402061_00273_28884_4207.N1	08-SEP-2007 22:12:12	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28884	No
191	GOM_NL__2PRFIN20070908_221334_000000432061_00273_28884_4208.N1	08-SEP-2007 22:13:34	Dark	43.000	9	Alp Eri	0.45300	24000.	86	28884	No
192	GOM_NL__2PRFIN20070908_221927_000000552061_00273_28884_4209.N1	08-SEP-2007 22:19:27	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	28884	No
193	GOM_NL__2PRFIN20070908_222504_000000452061_00273_28884_4210.N1	08-SEP-2007 22:25:04	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28884	No
194	GOM_NL__2PRFIN20070908_223404_000000382061_00273_28884_4211.N1	08-SEP-2007 22:34:04	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28884	No
195	GOM_NL__2PRFIN20070908_223913_000000432061_00273_28884_4212.N1	08-SEP-2007 22:39:13	Bright	42.500	90	54Alp Peg	2.4870	11000.	85	28884	No
196	GOM_NL__2PRFIN20070908_224327_000000402061_00273_28884_4213.N1	08-SEP-2007 22:43:27	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	28884	No
197	GOM_NL__2PRFIN20070908_225348_000000432061_00273_28884_4214.N1	08-SEP-2007 22:53:48	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	28884	No
198	GOM_NL__2PRFIN20070908_231654_000000402061_00273_28884_4215.N1	08-SEP-2007 23:16:54	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	28884	No
199	GOM_NL__2PRFIN20070908_232500_000000532061_00273_28884_4216.N1	08-SEP-2007 23:25:00	Twilight	52.500	8	10Alp CMi	0.40000	6500.0	105	28884	No
200	GOM_NL__2PRFIN20070908_233317_000000562061_00273_28884_4217.N1	08-SEP-2007 23:33:17	Dark	55.500	1	9Alp CMa	-1.4400	11000.	111	28884	No
201	GOM_NL__2PRFIN20070908_233550_000000482061_00273_28884_4218.N1	08-SEP-2007 23:35:50	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	28884	No
202	GOM_NL__2PRFIN20070908_235248_000000412061_00274_28885_4221.N1	08-SEP-2007 23:52:48	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28885	No
203	GOM_NL__2PRFIN20070908_235410_000000462061_00274_28885_4222.N1	08-SEP-2007 23:54:10	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28885	No

3. Quality information per product

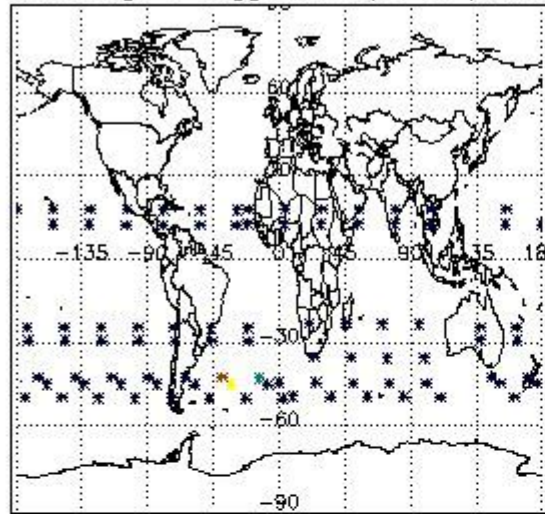
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

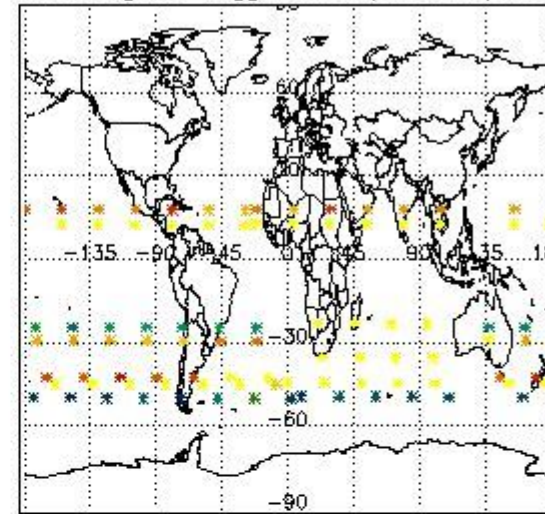


3.2 Plot quality information per product (world map)

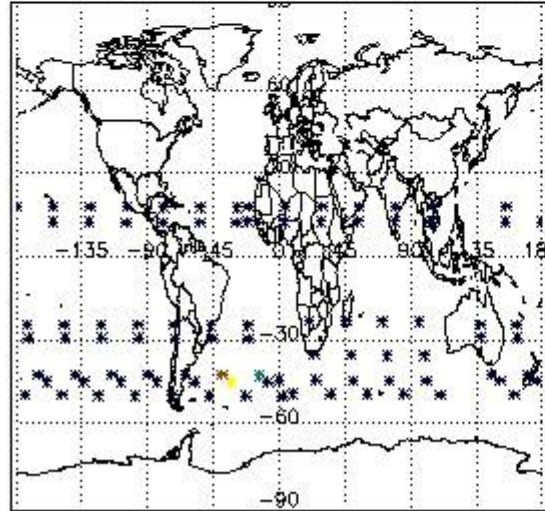
Percentage of flagged data per O3 profile



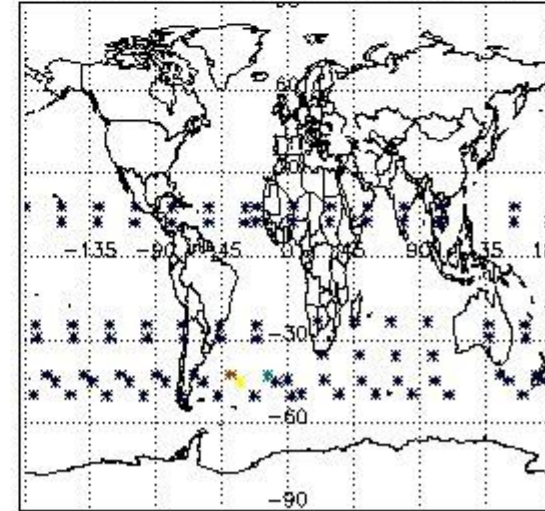
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

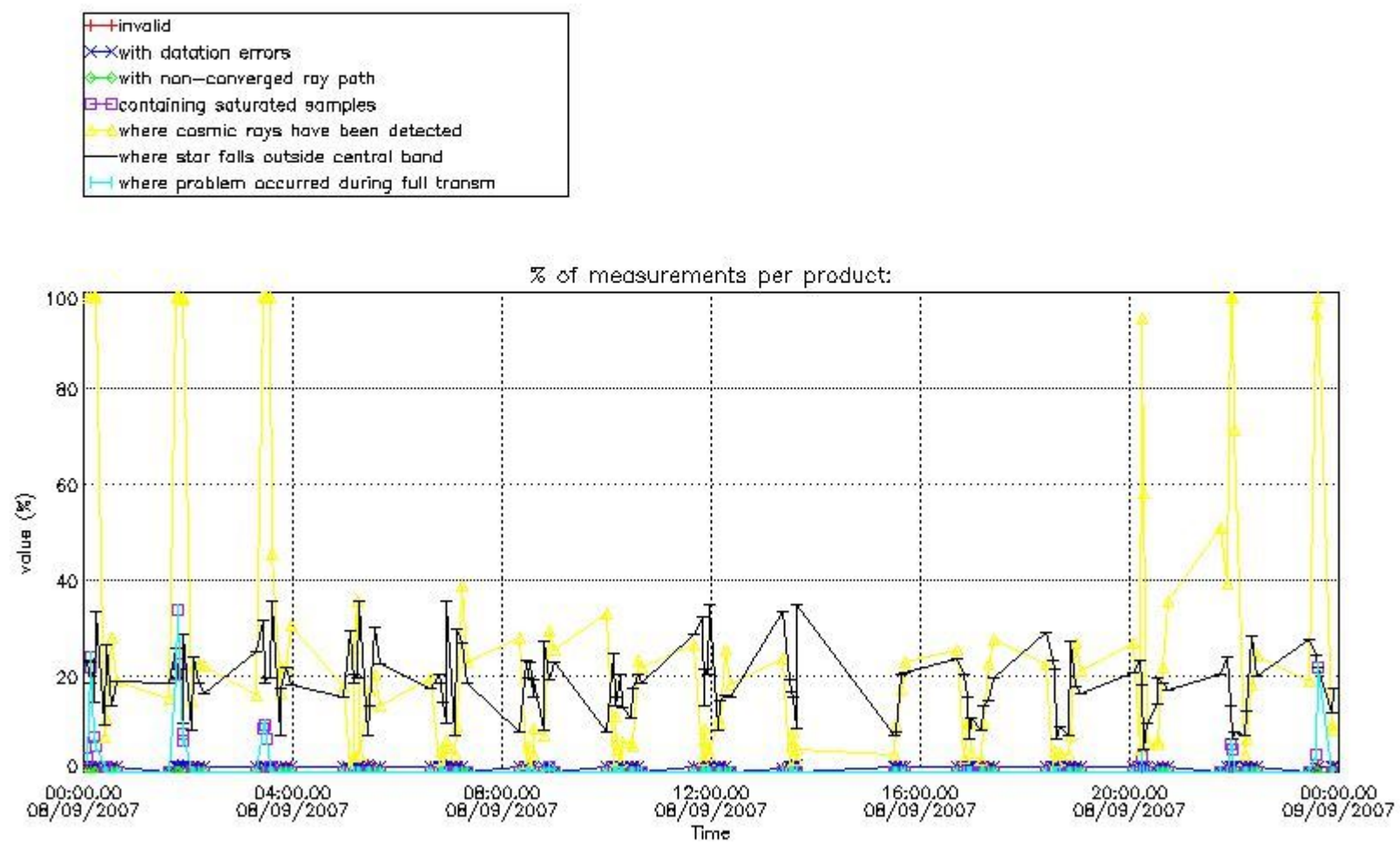


4. Level 1 quality information per product

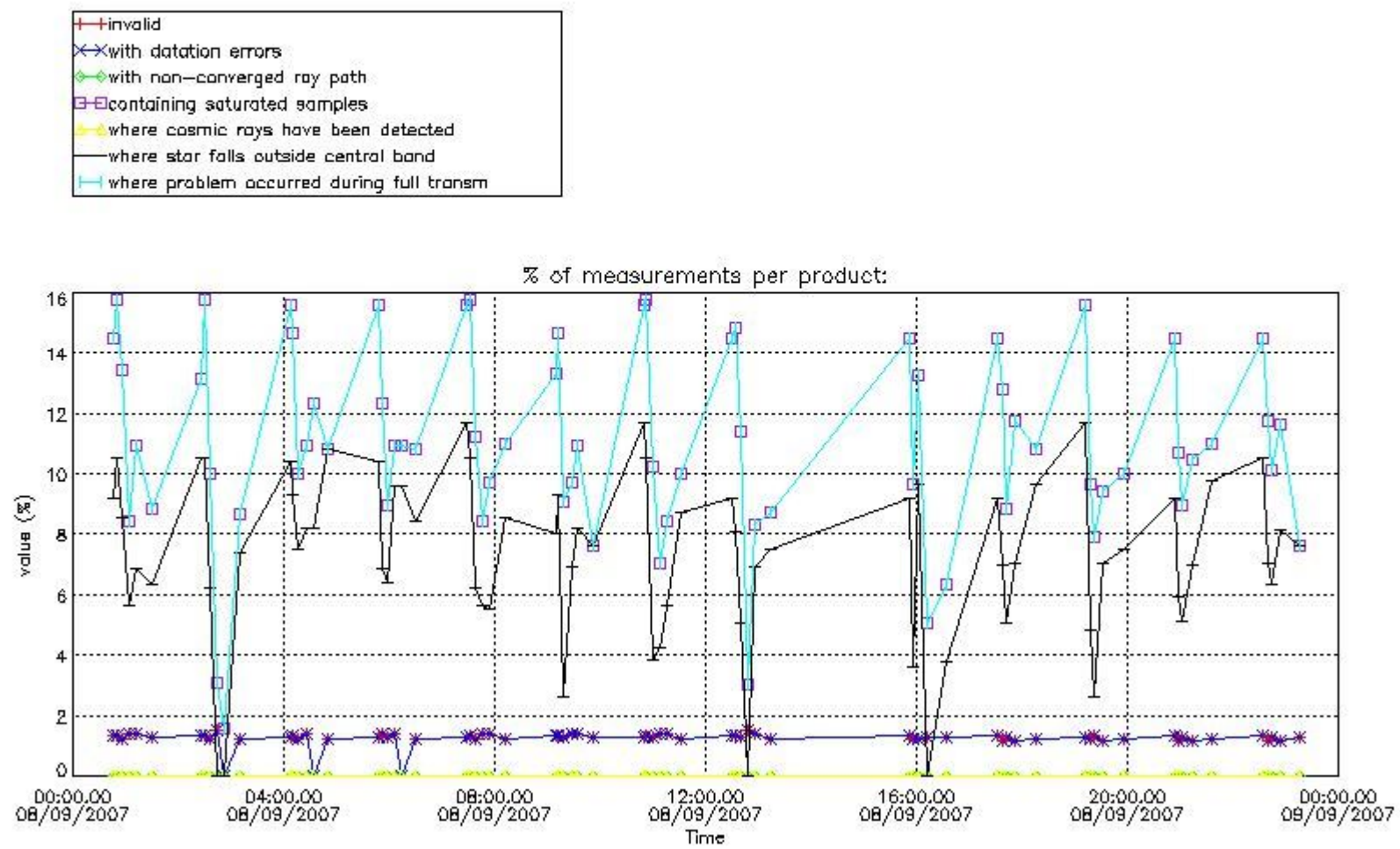
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



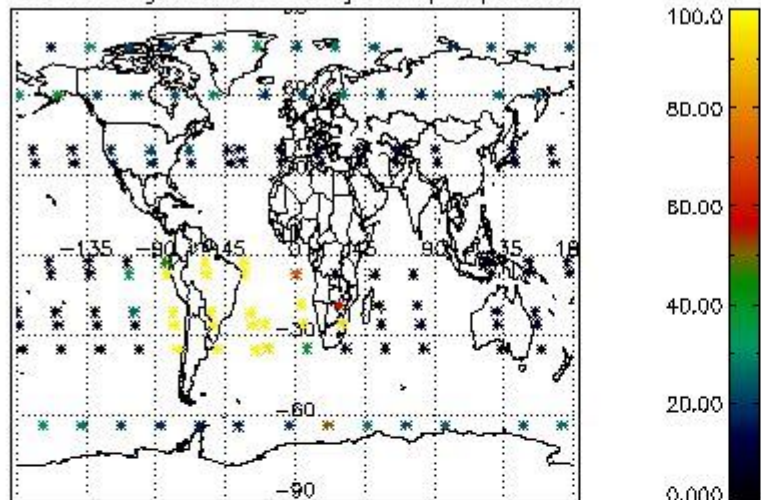
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



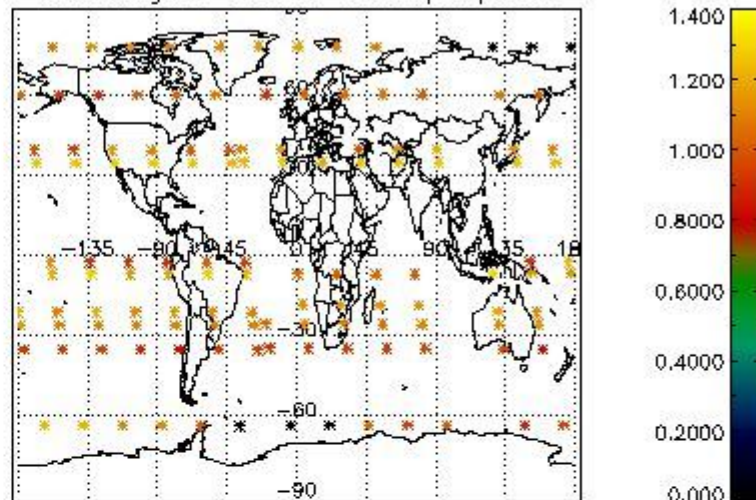
4.2 Plot quality information per product coming from level 1b processing (world map)

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

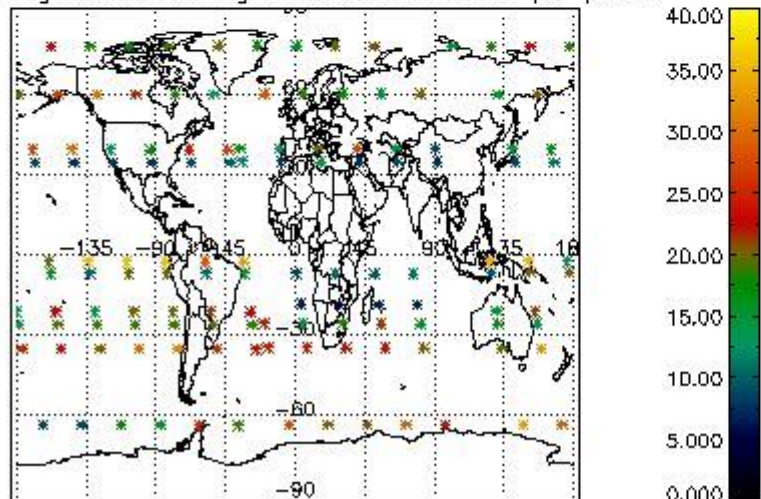
Percentage of cosmic ray hits per profile



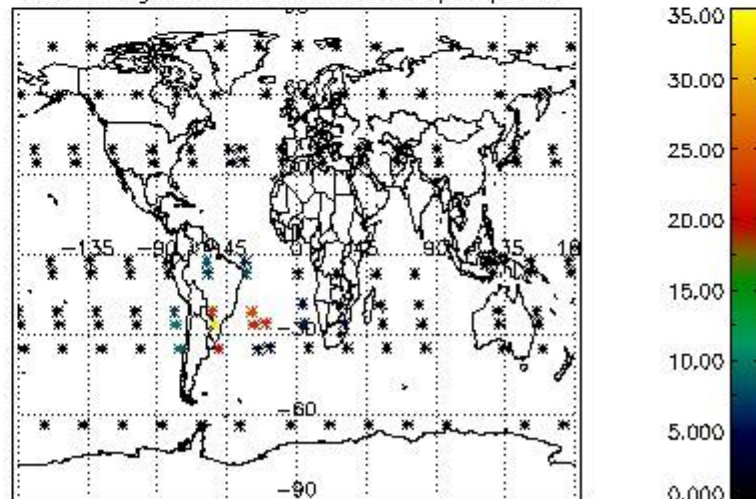
Percentage of datation errors per profile



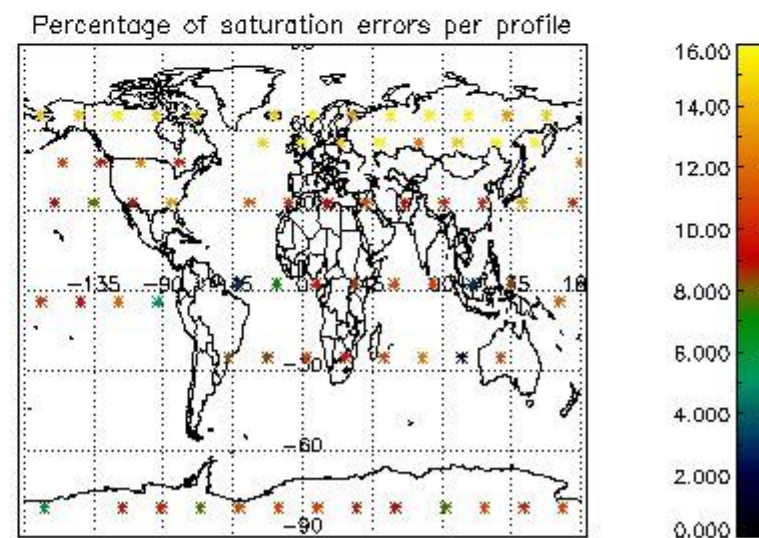
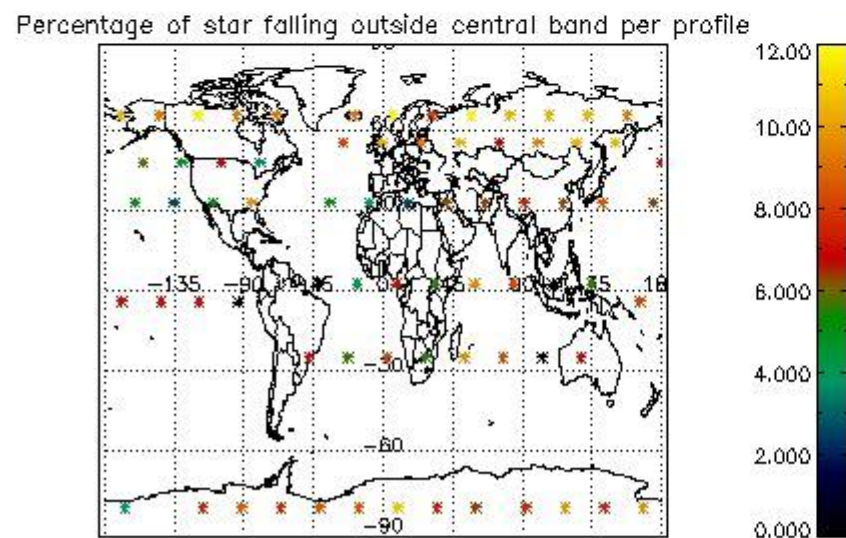
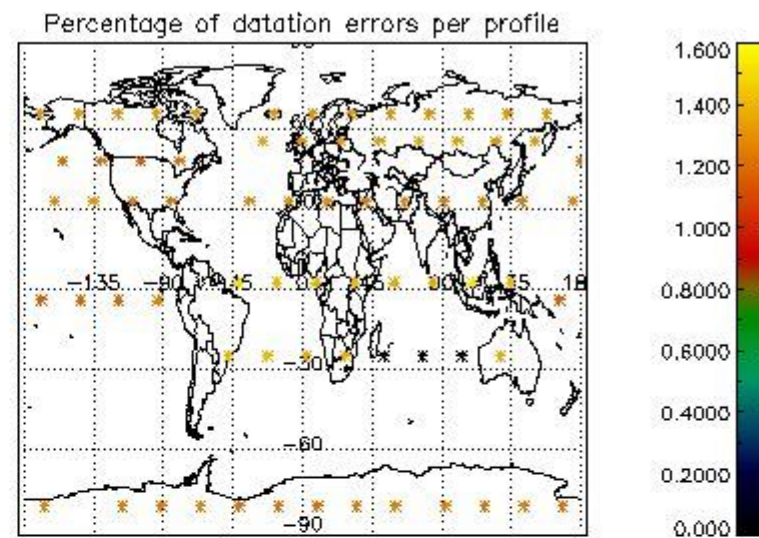
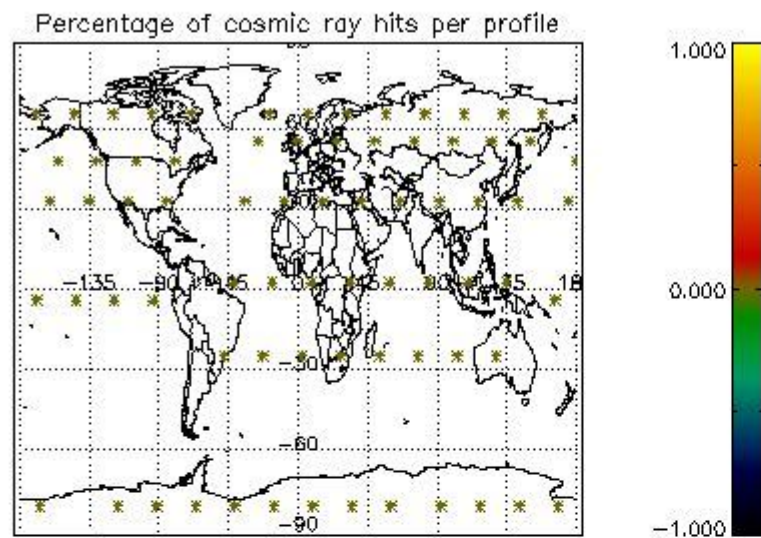
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

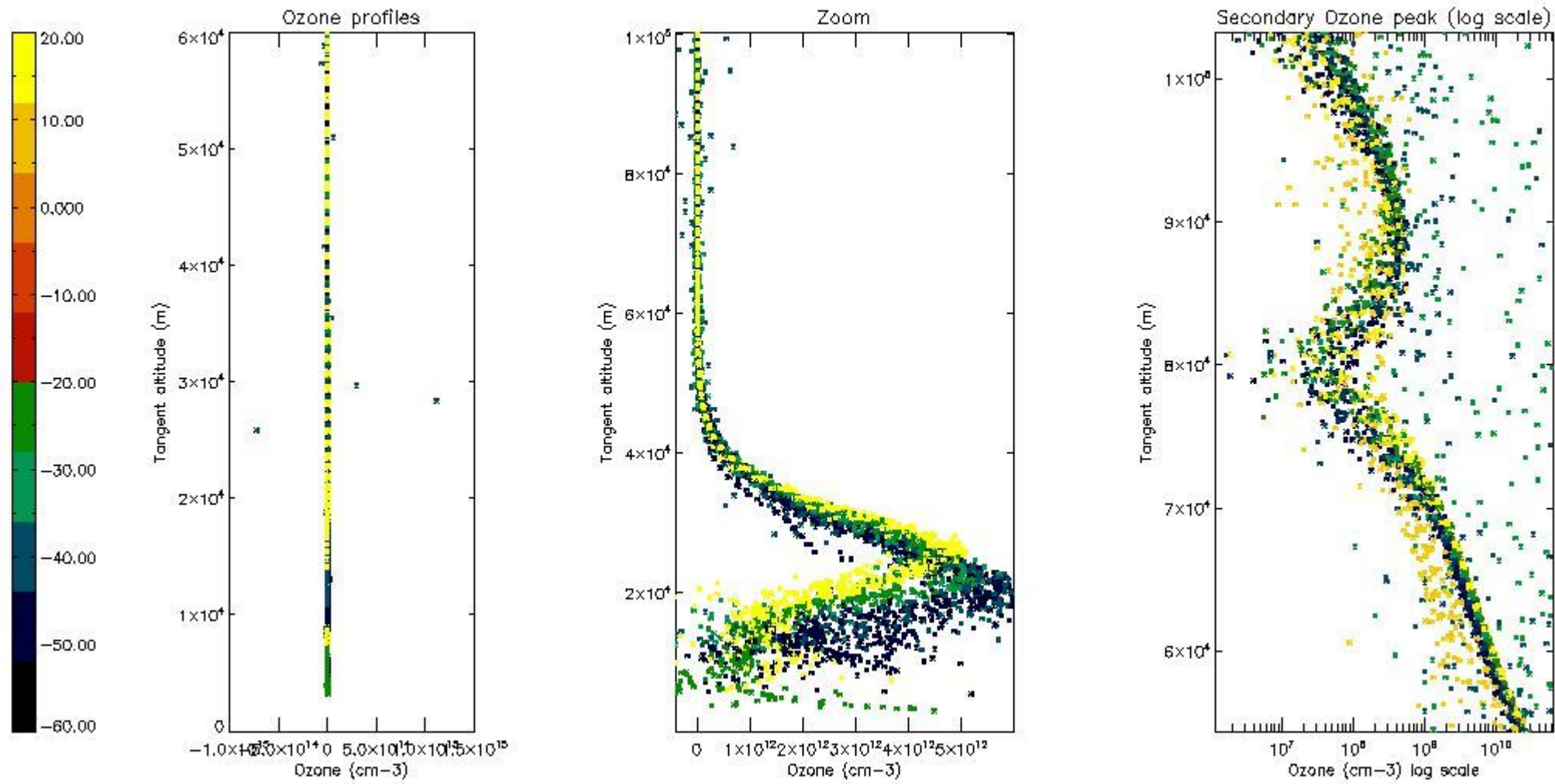
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	48
STD < 20	28

STD < 10	23
STD < 5	18

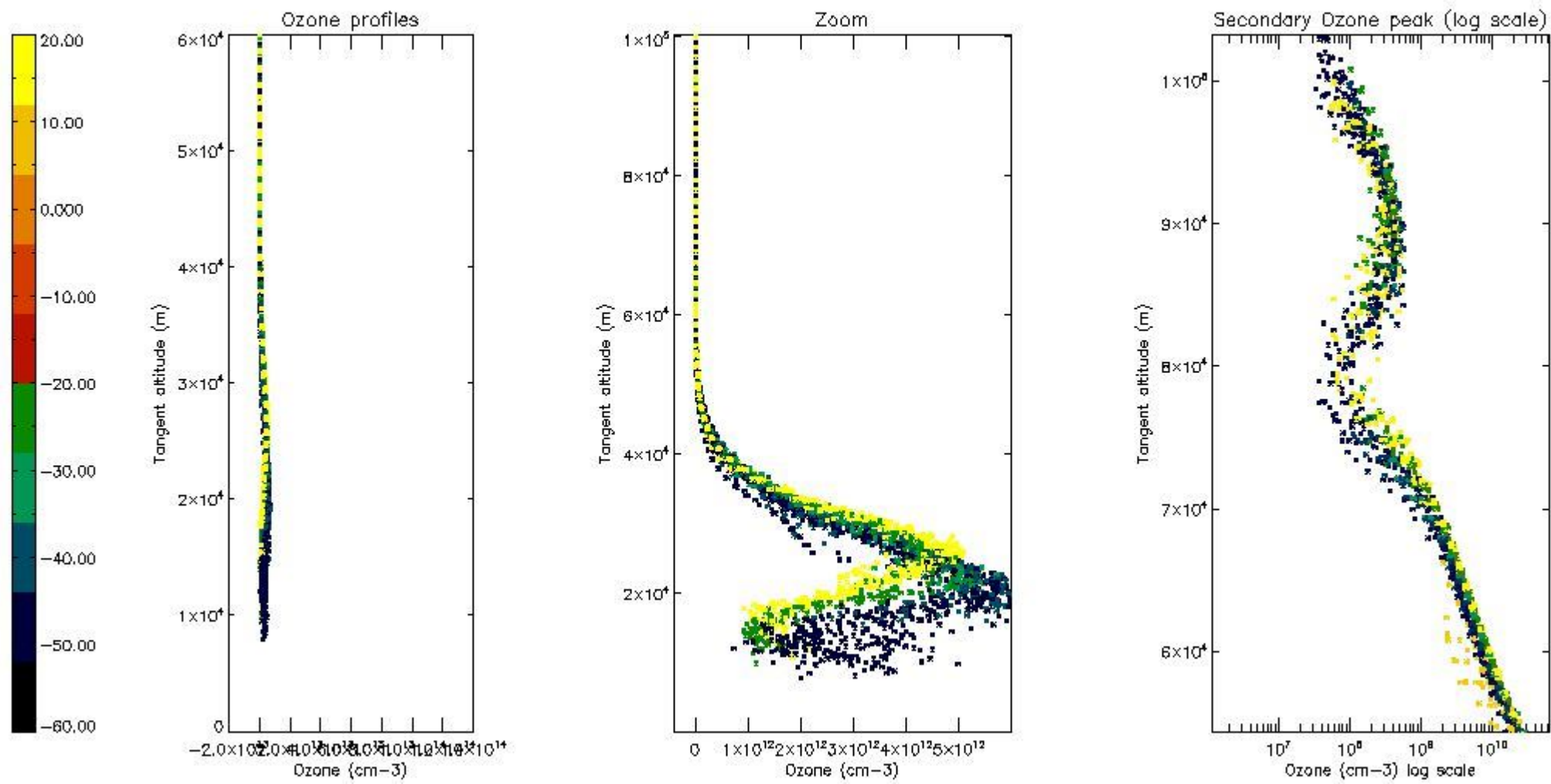
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



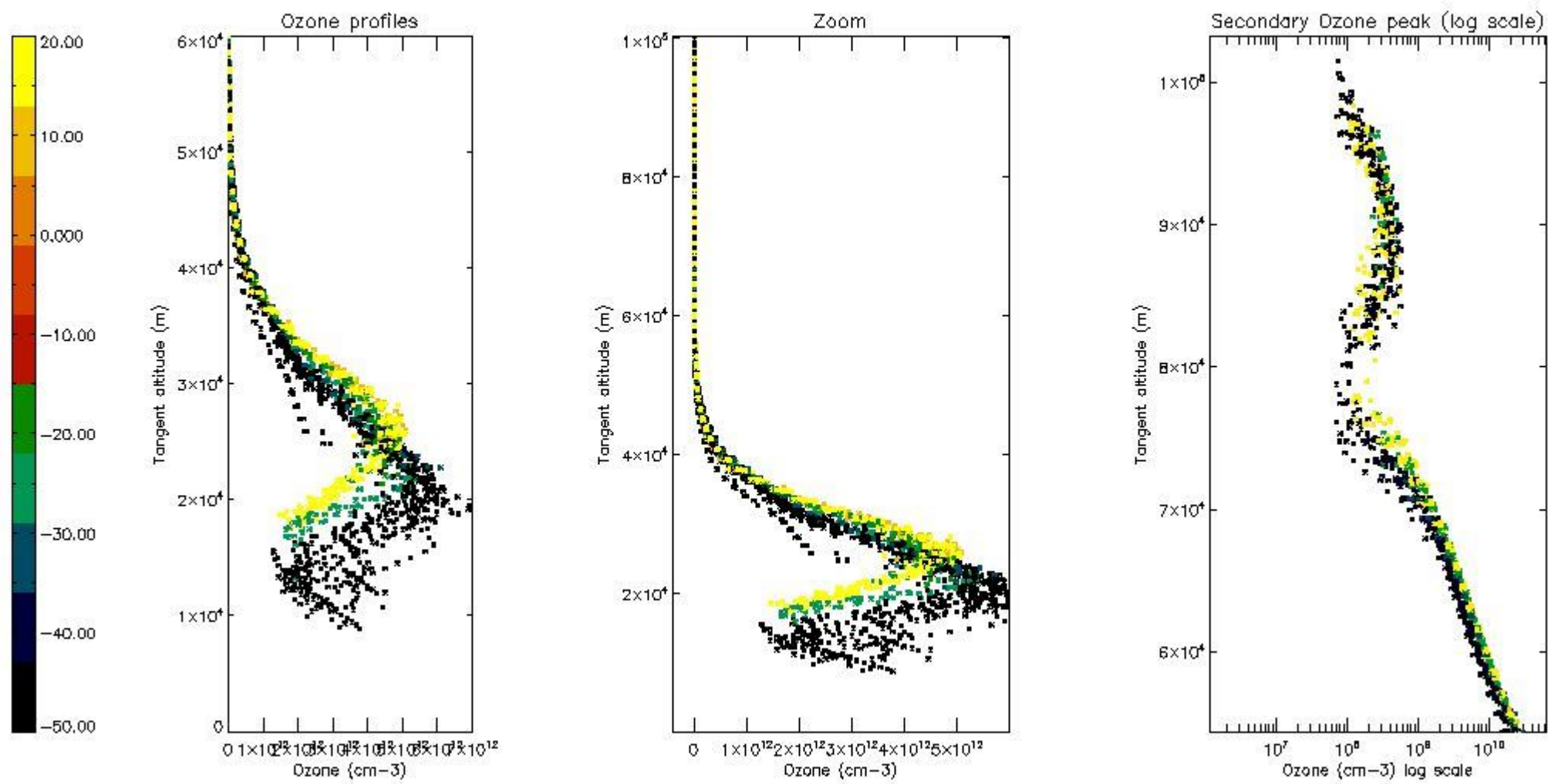
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



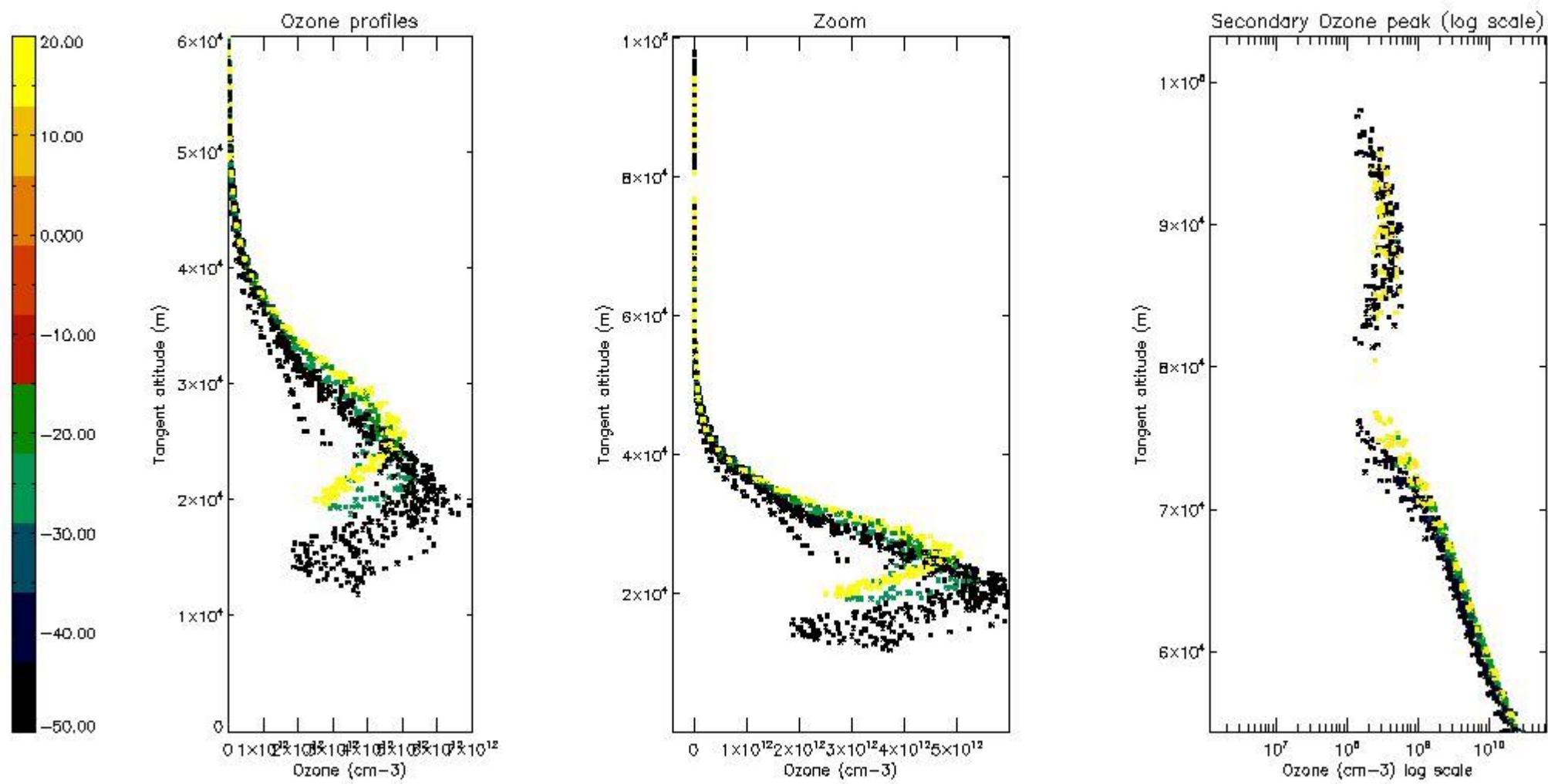
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



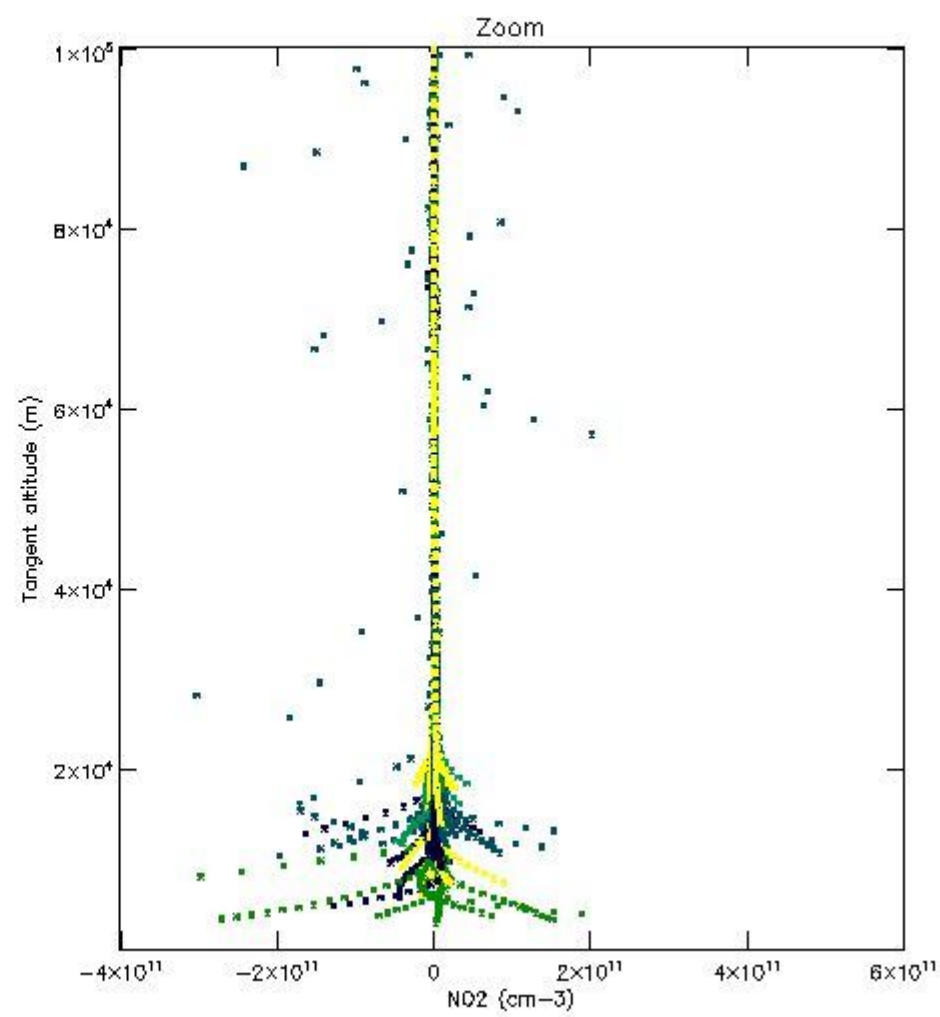
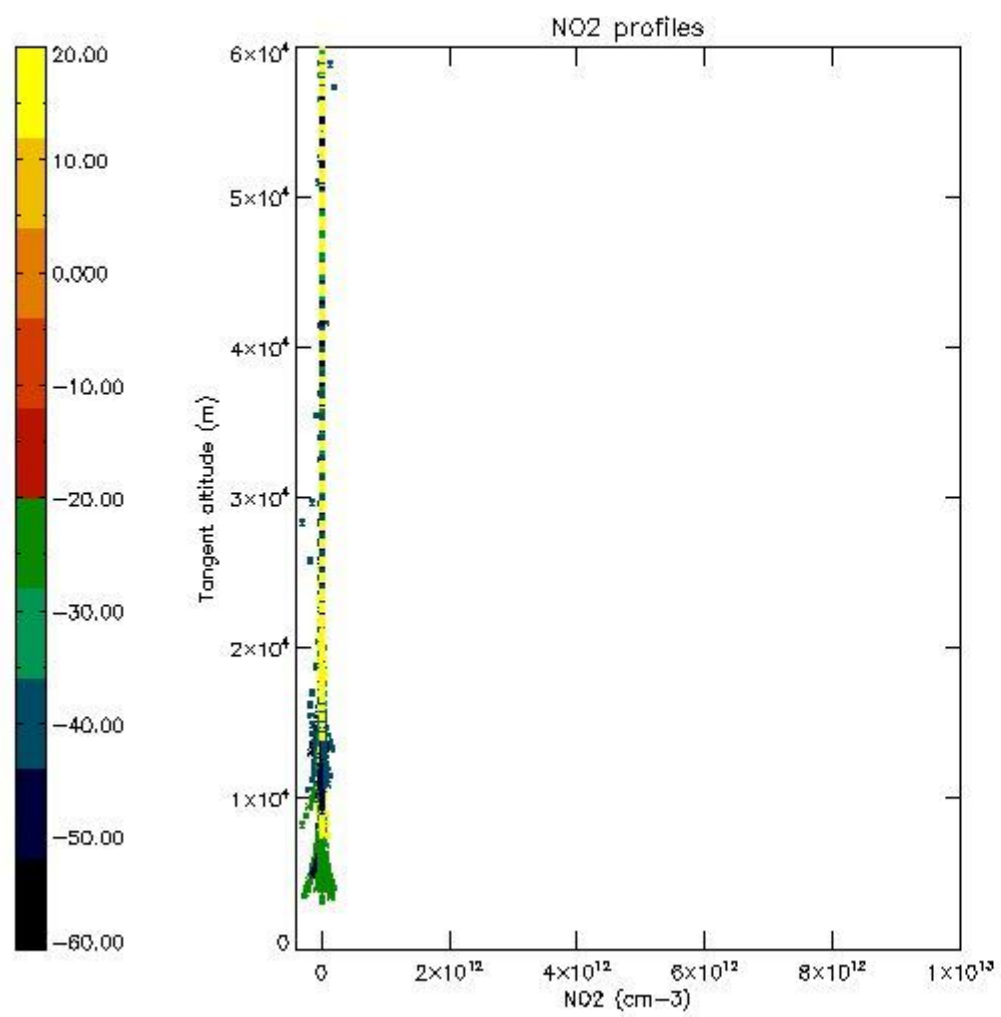
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



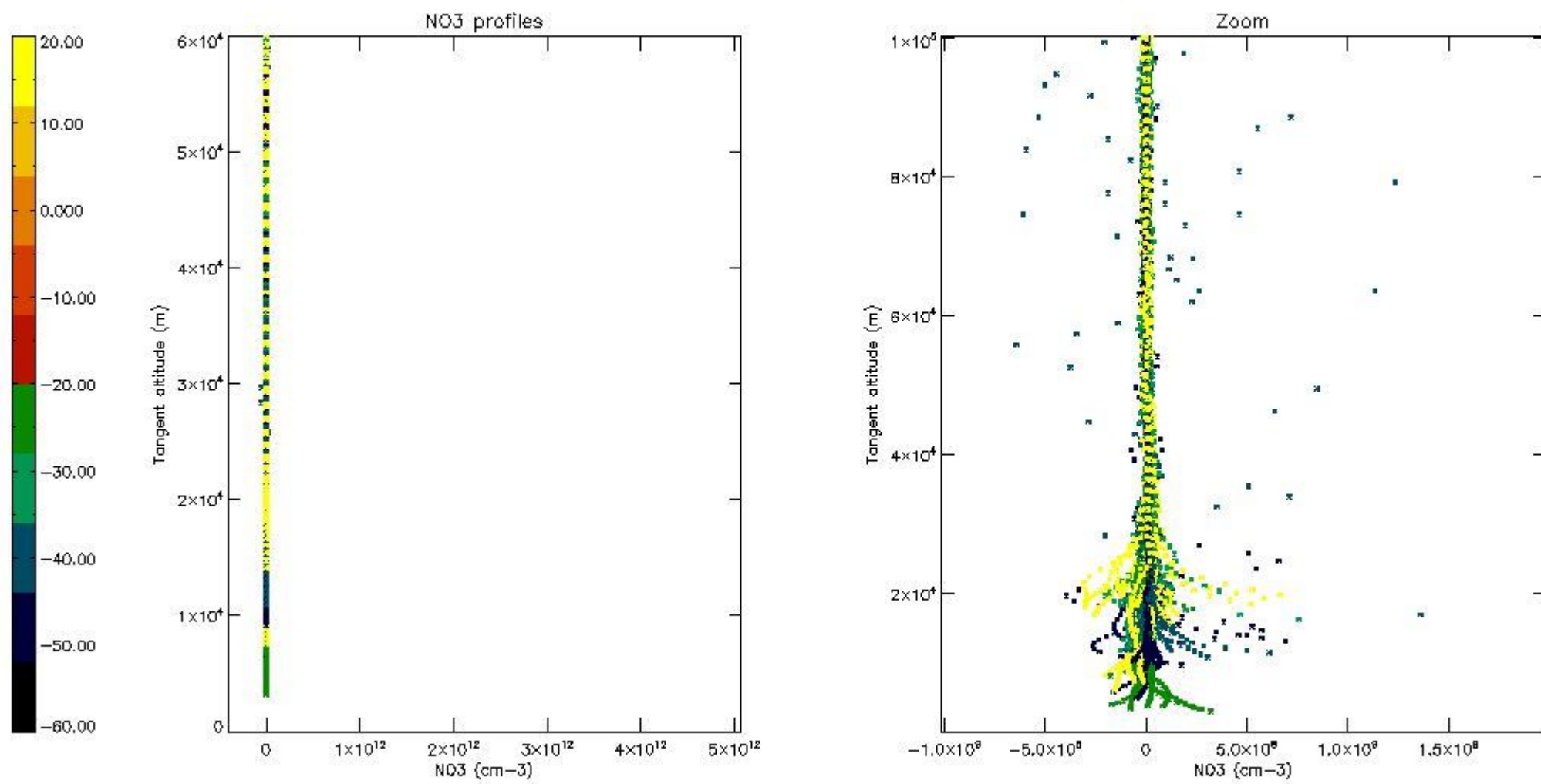
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



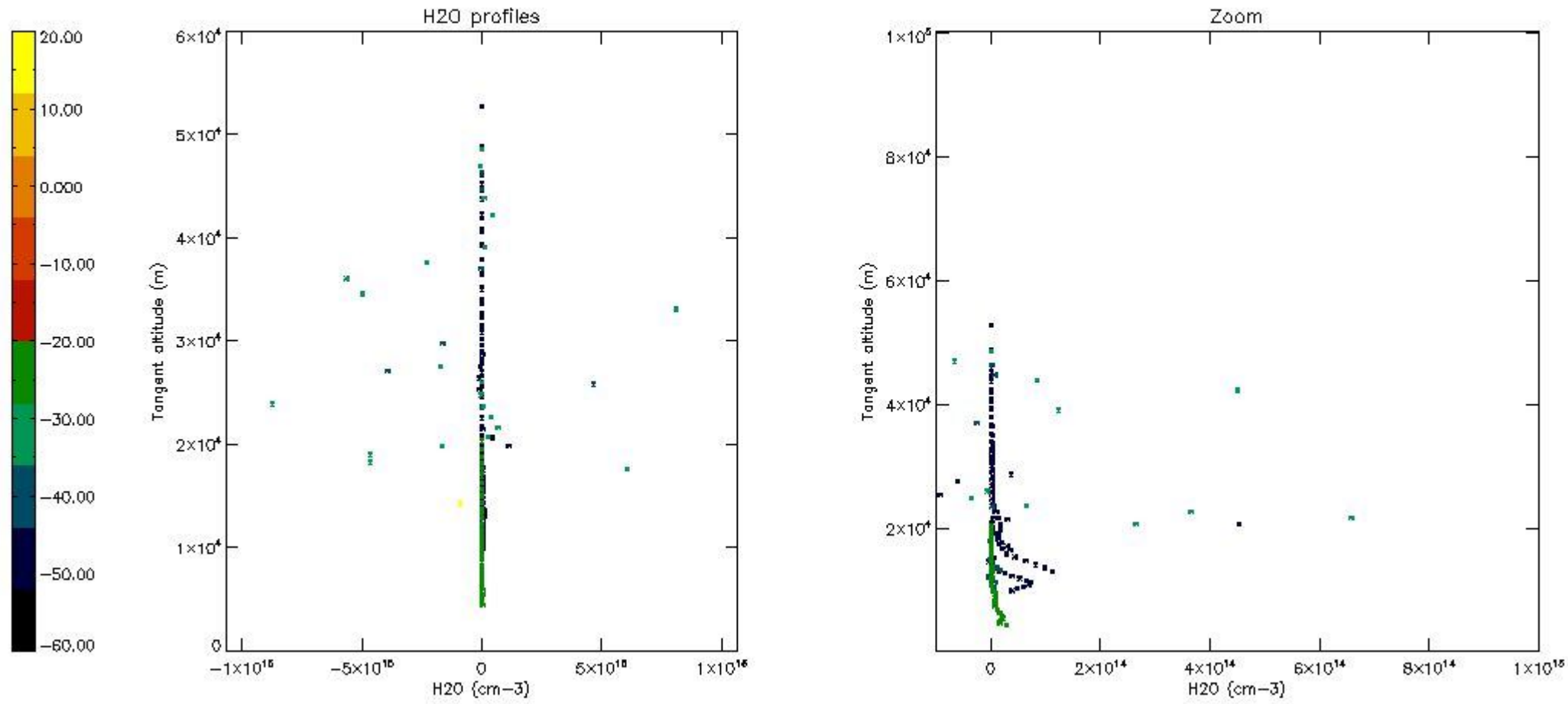
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

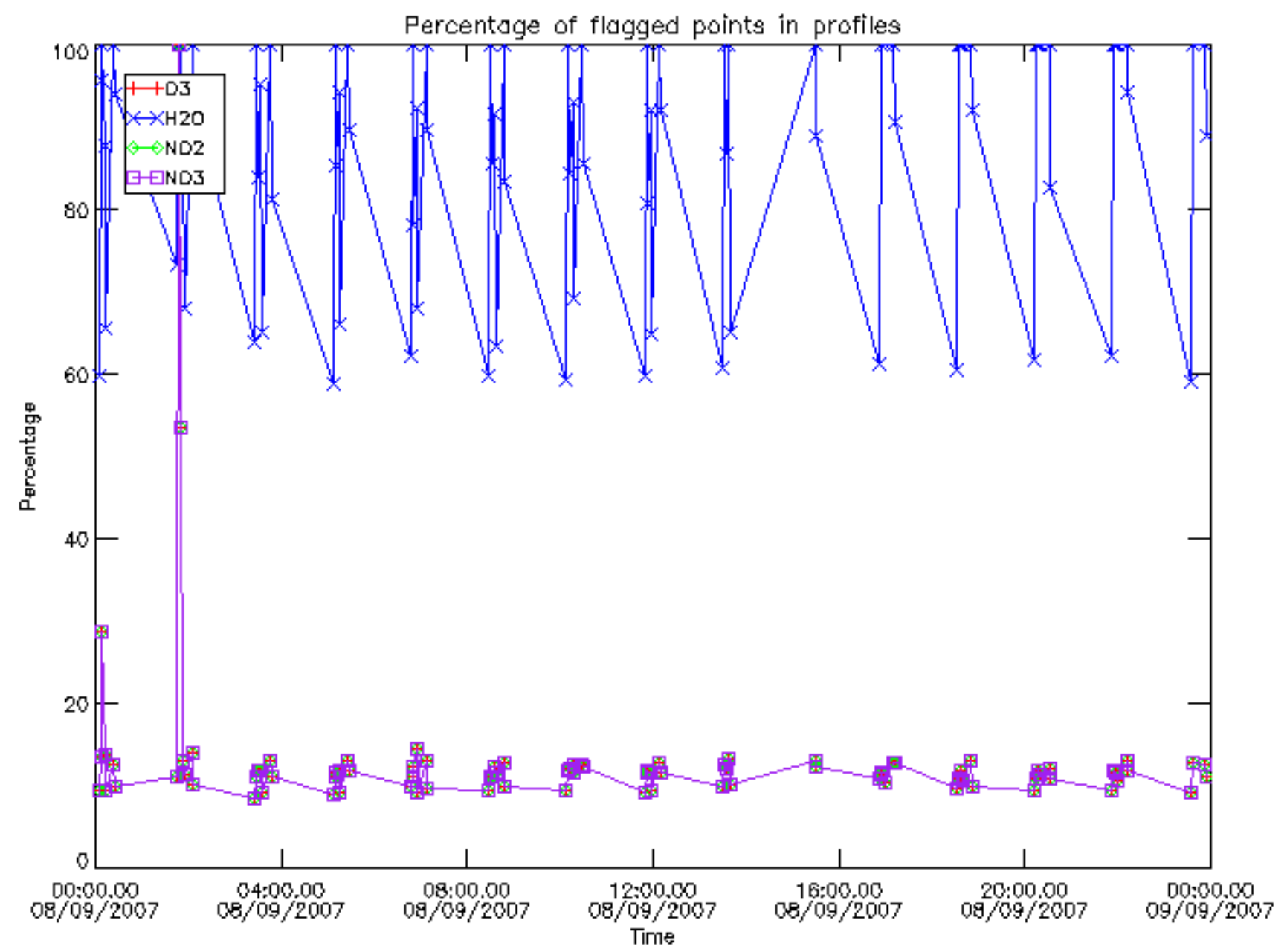
The colorbar represents the latitude.



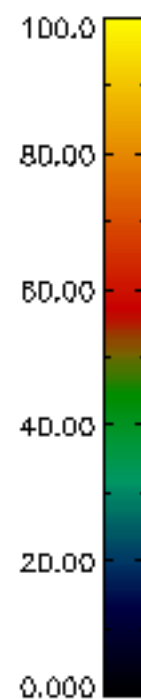
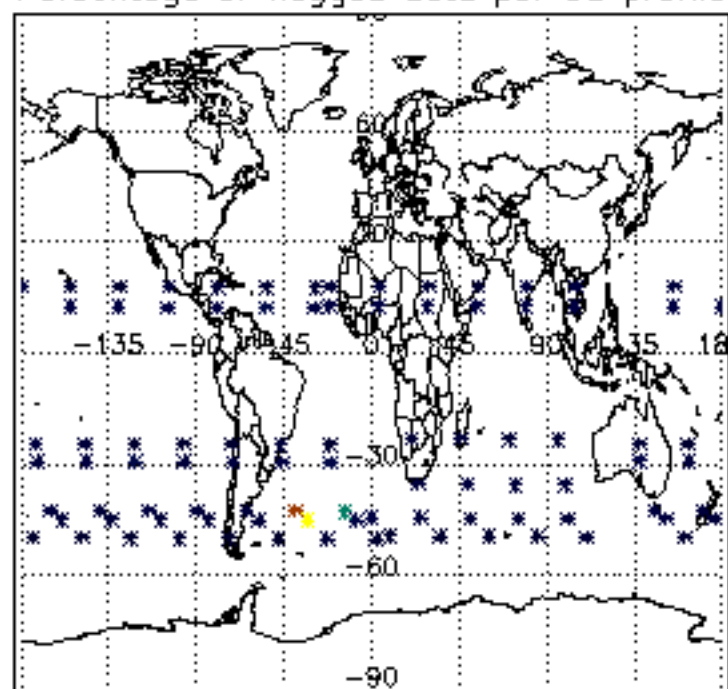
6. Auxiliary Data Files used for the production reported in section 2

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.

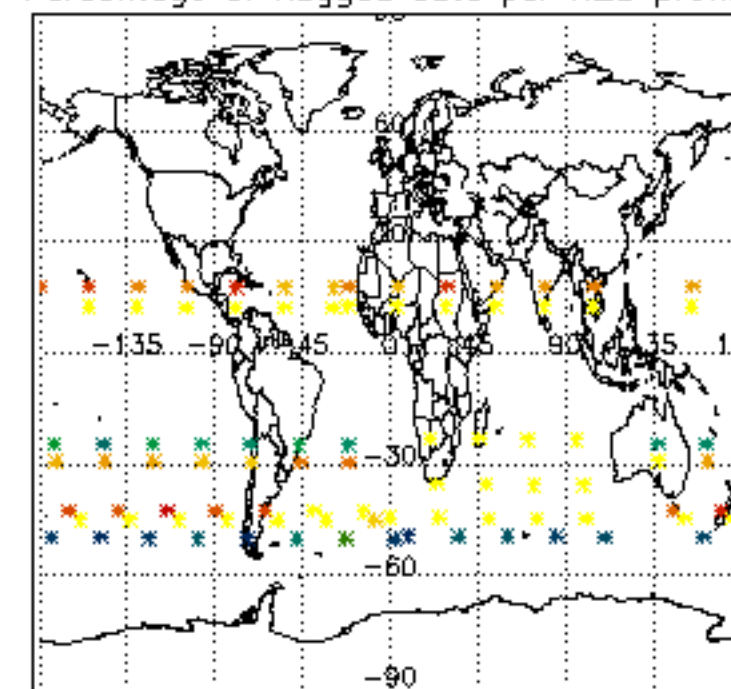
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	08-SEP-2007 00:04:43
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	08-SEP-2007 00:04:43
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	08-SEP-2007 00:04:43



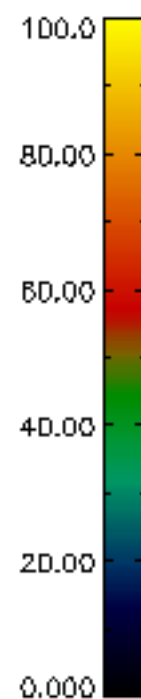
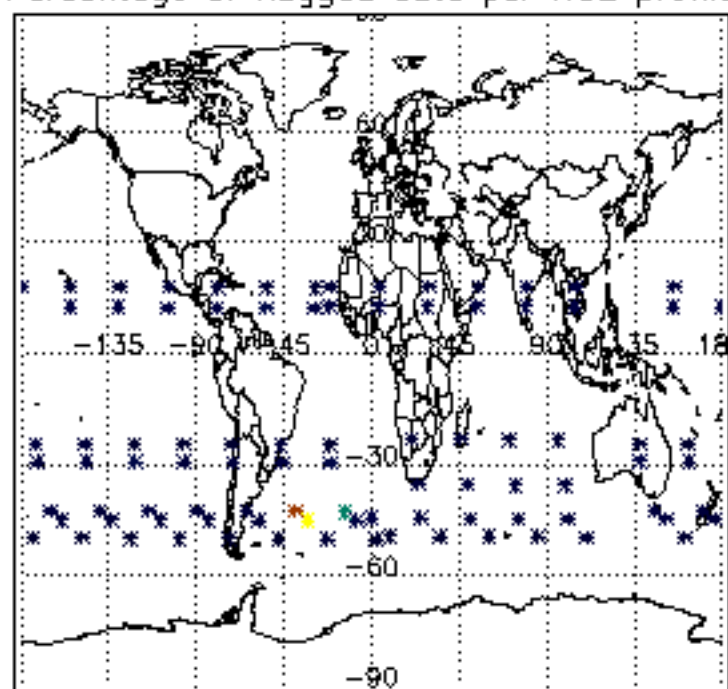
Percentage of flagged data per D3 profile



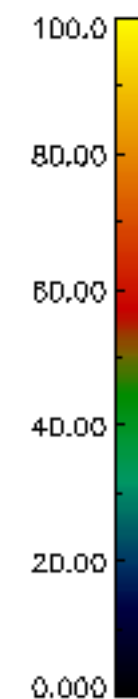
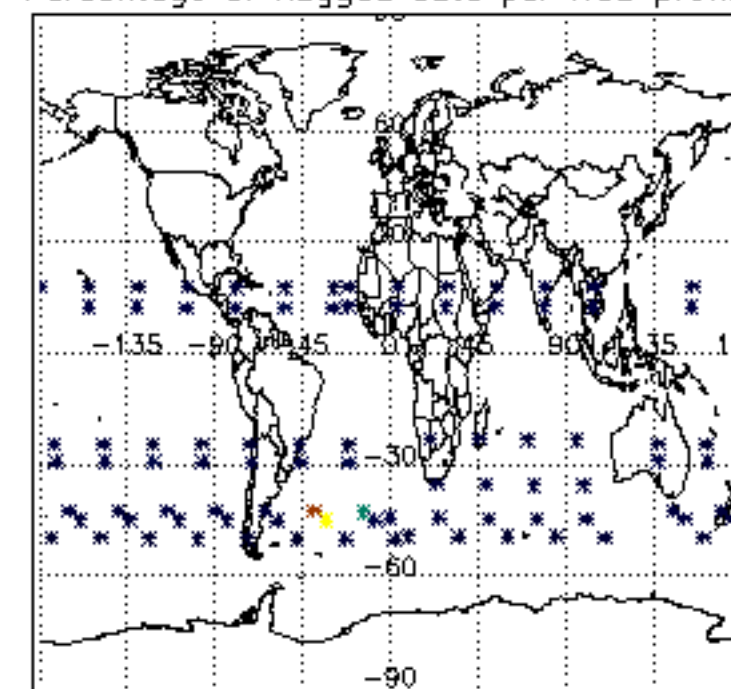
Percentage of flagged data per H2O profile

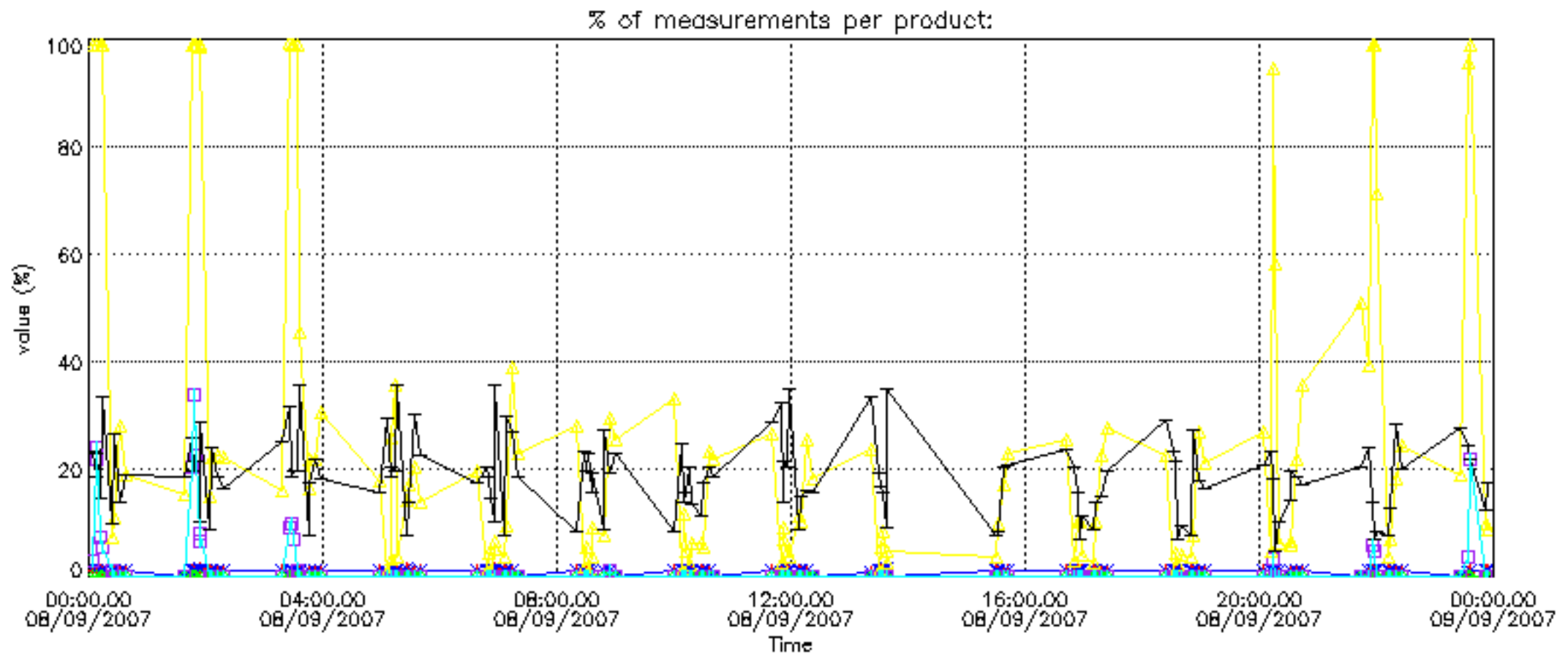


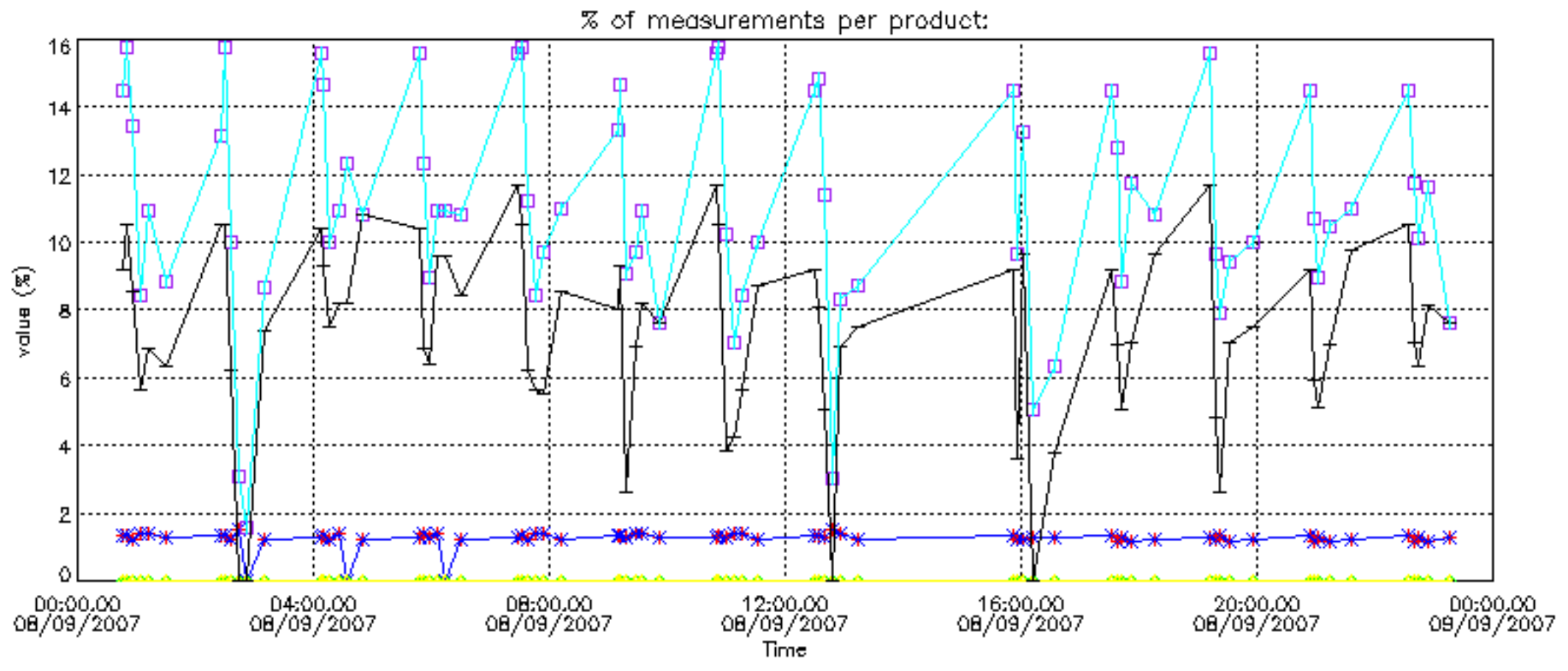
Percentage of flagged data per NO2 profile



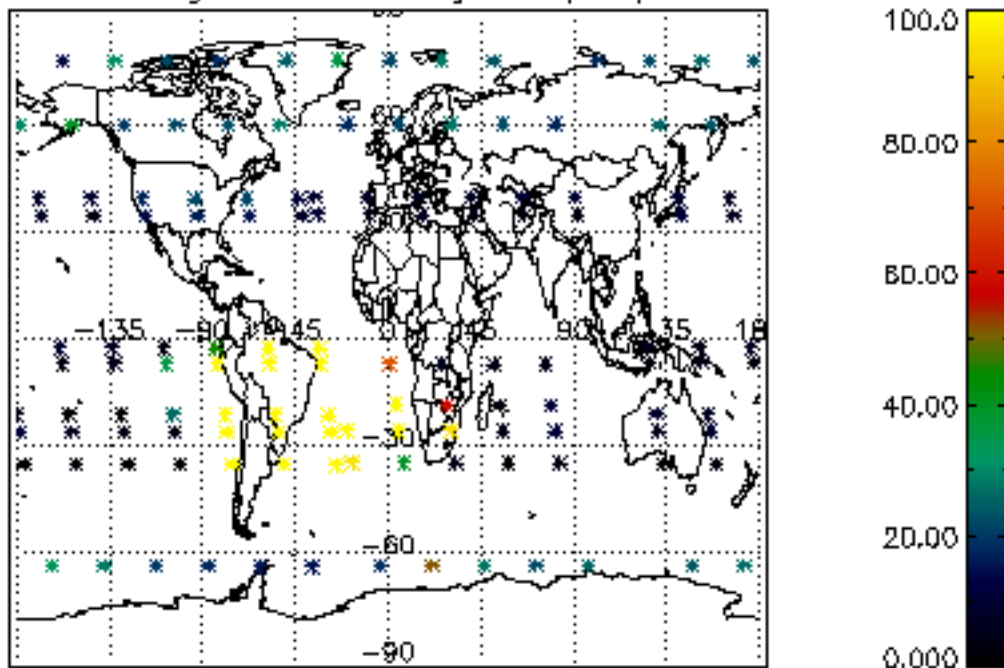
Percentage of flagged data per NO3 profile



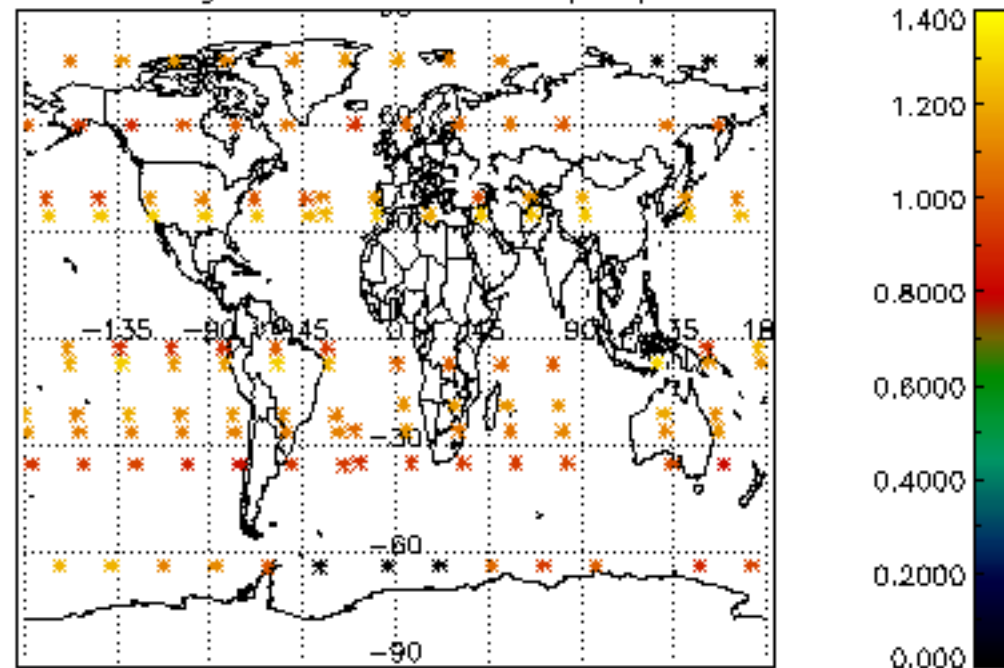




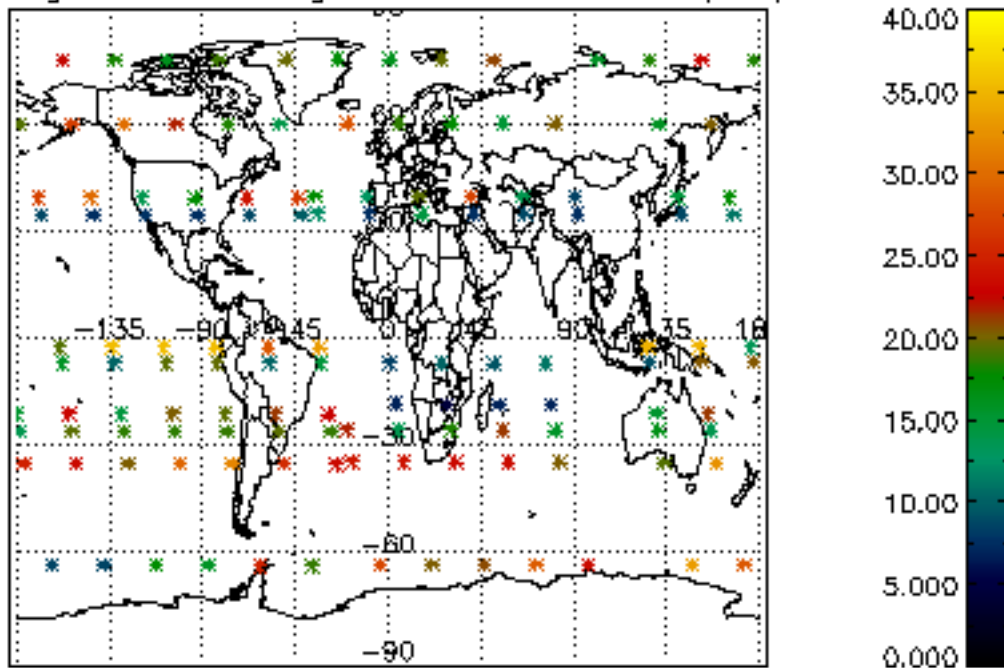
Percentage of cosmic ray hits per profile



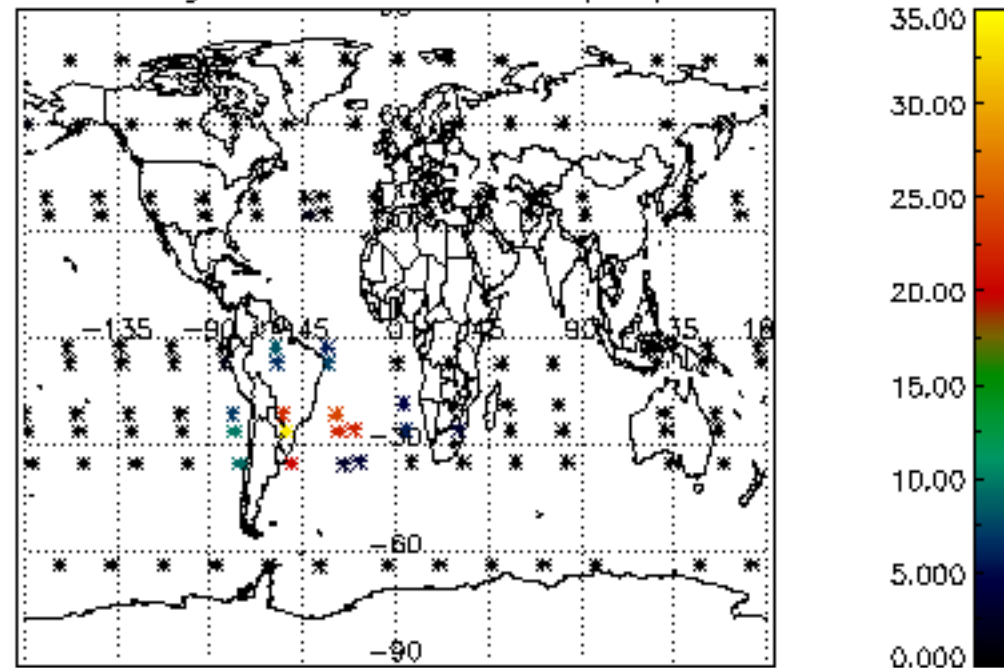
Percentage of datation errors per profile



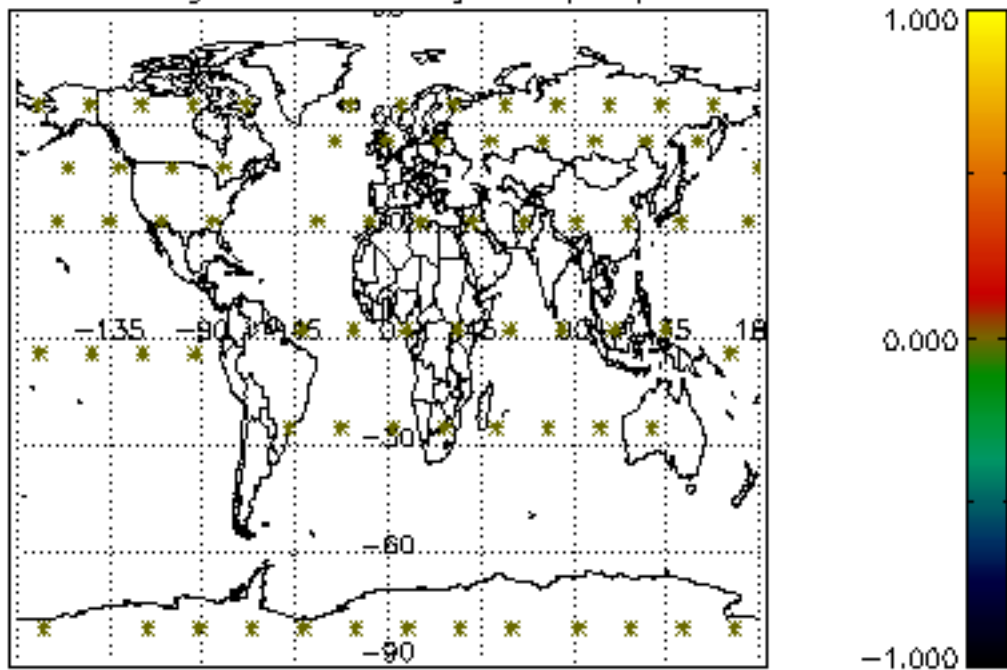
Percentage of star falling outside central band per profile



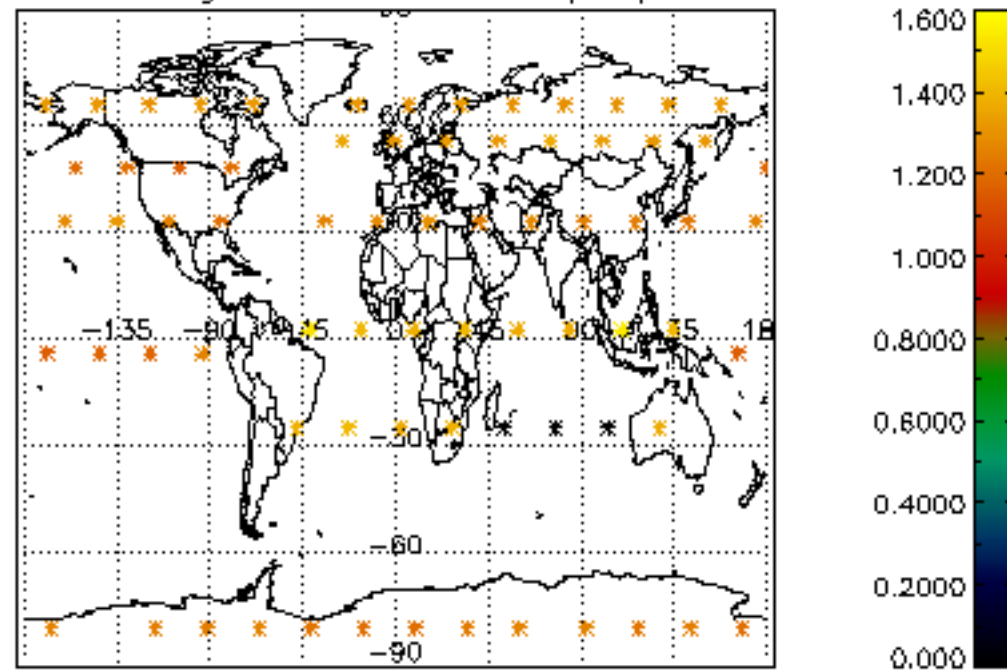
Percentage of saturation errors per profile



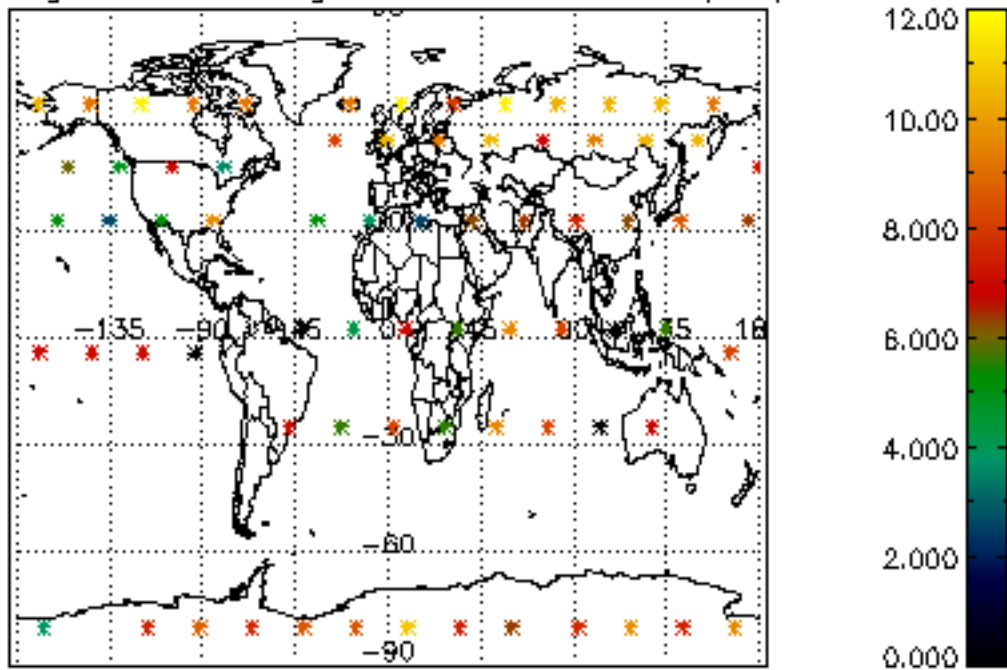
Percentage of cosmic ray hits per profile



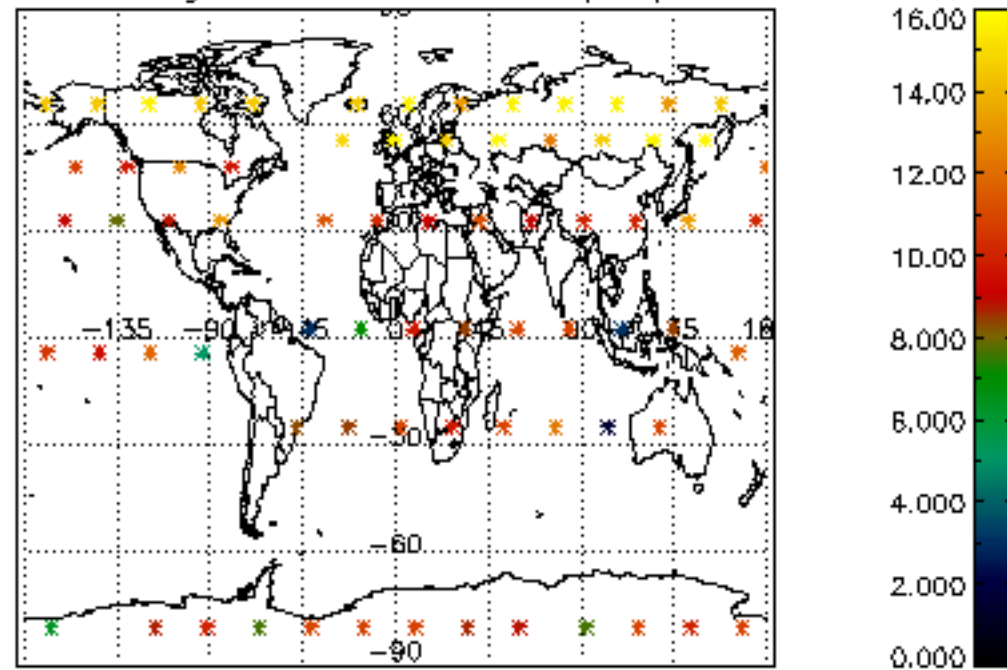
Percentage of datation errors per profile

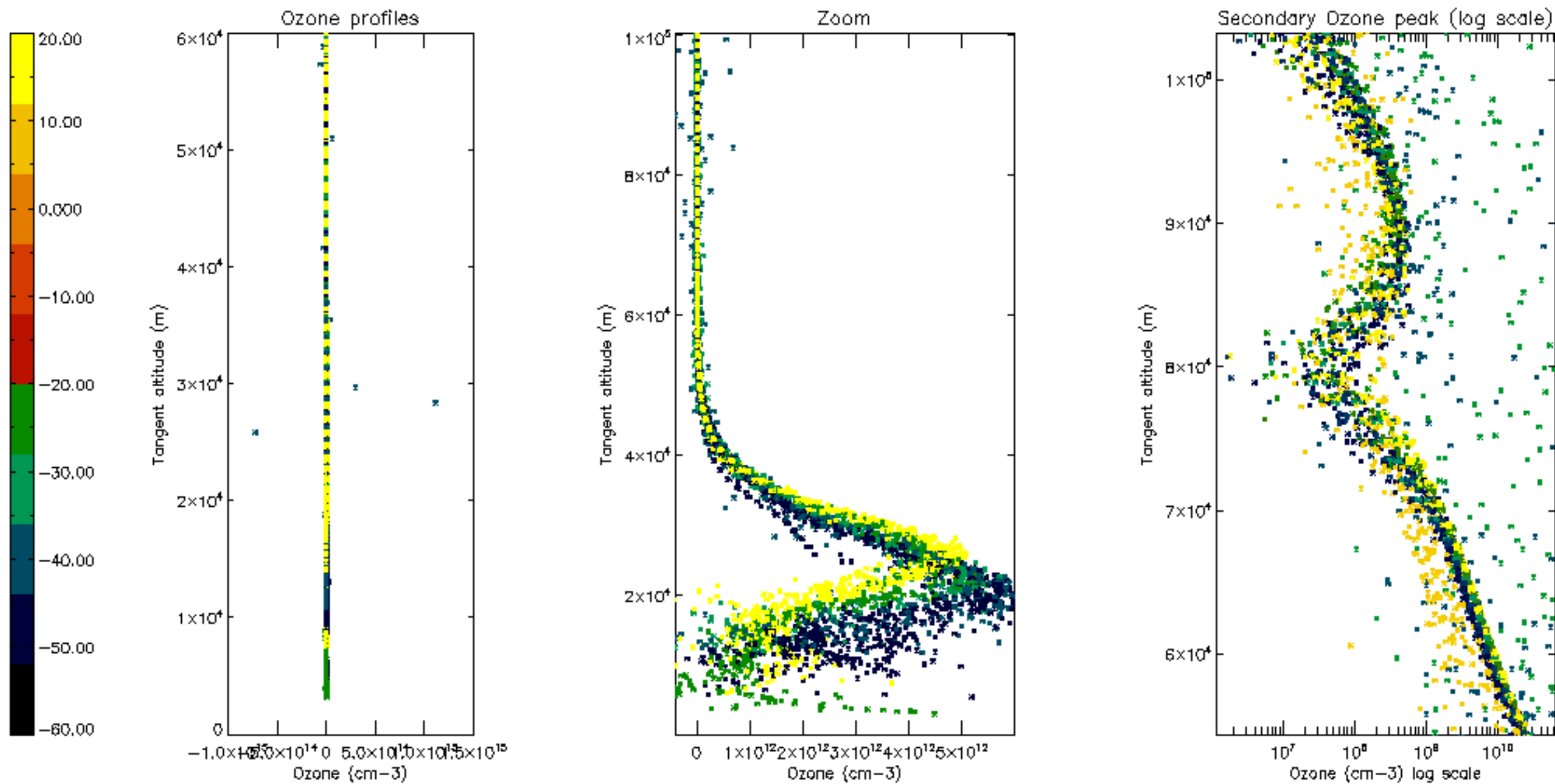


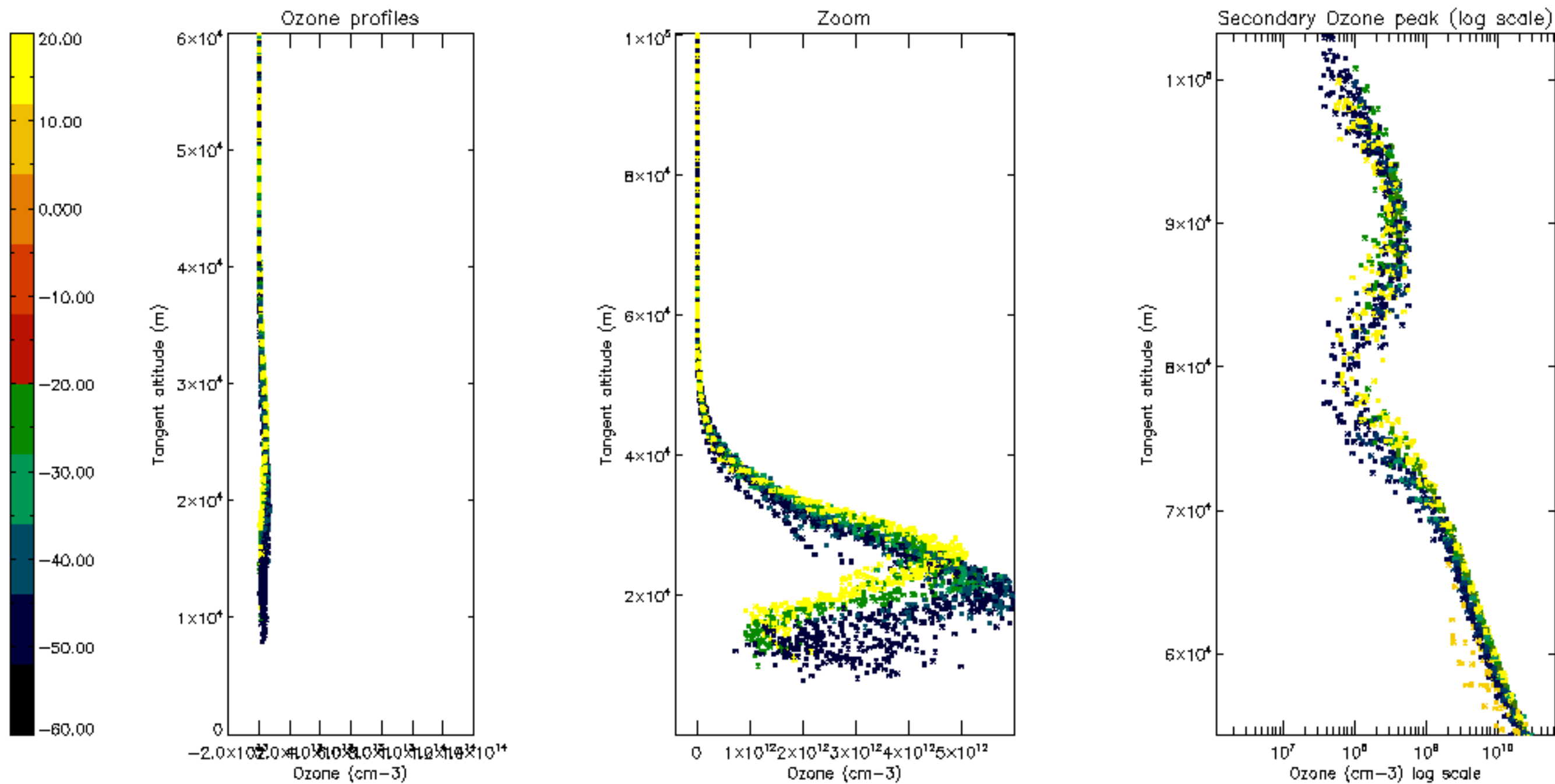
Percentage of star falling outside central band per profile

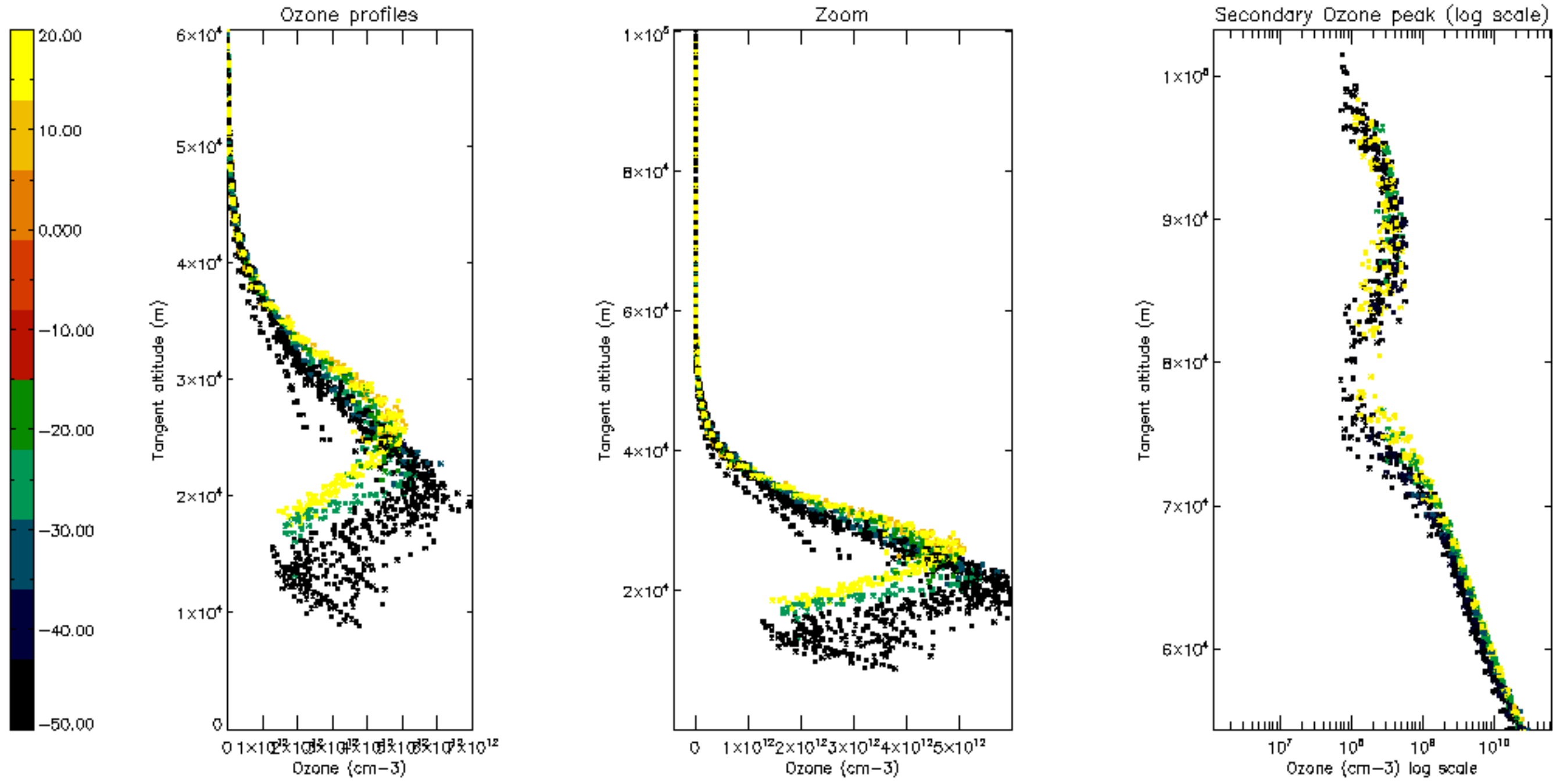


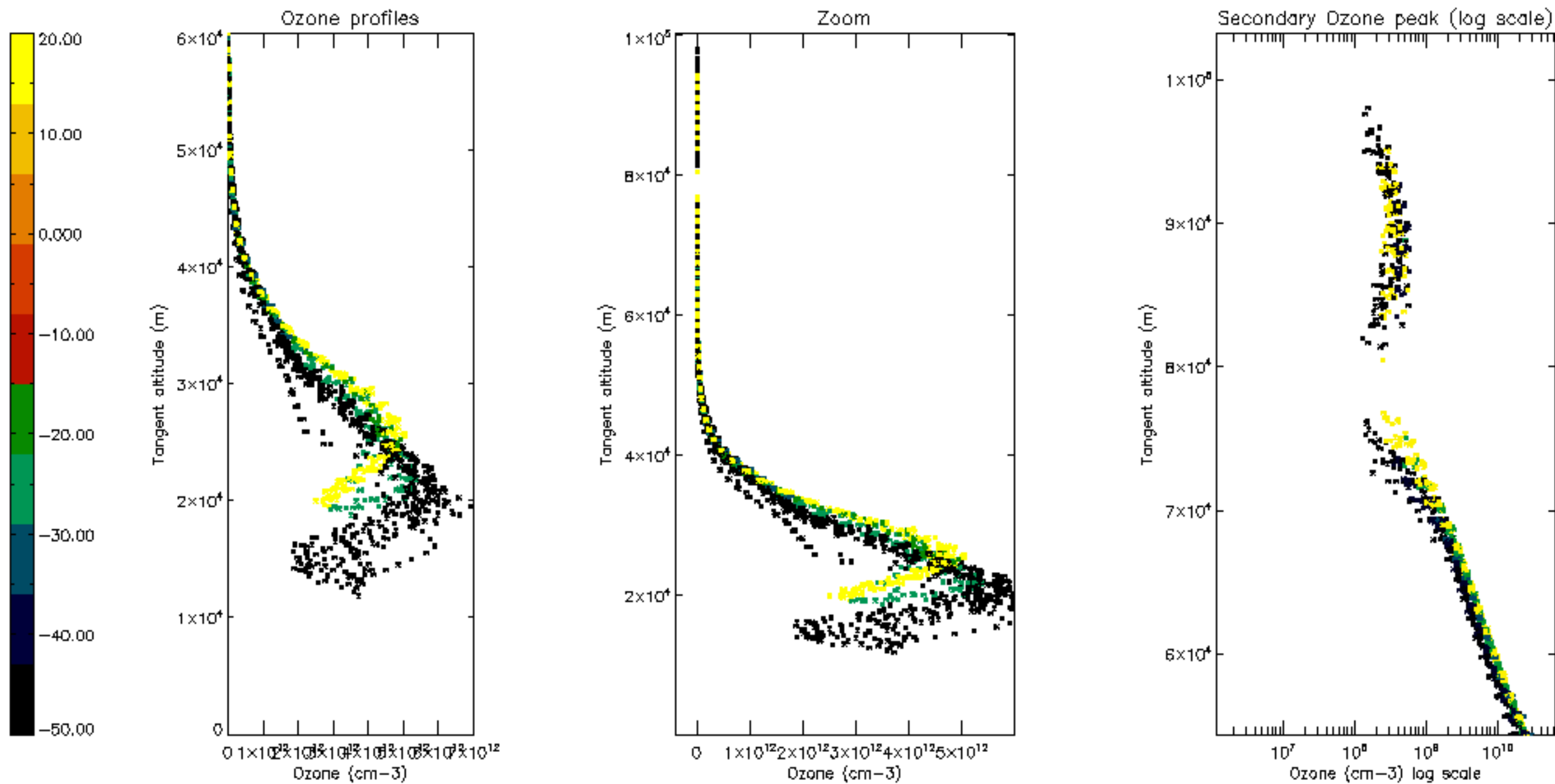
Percentage of saturation errors per profile

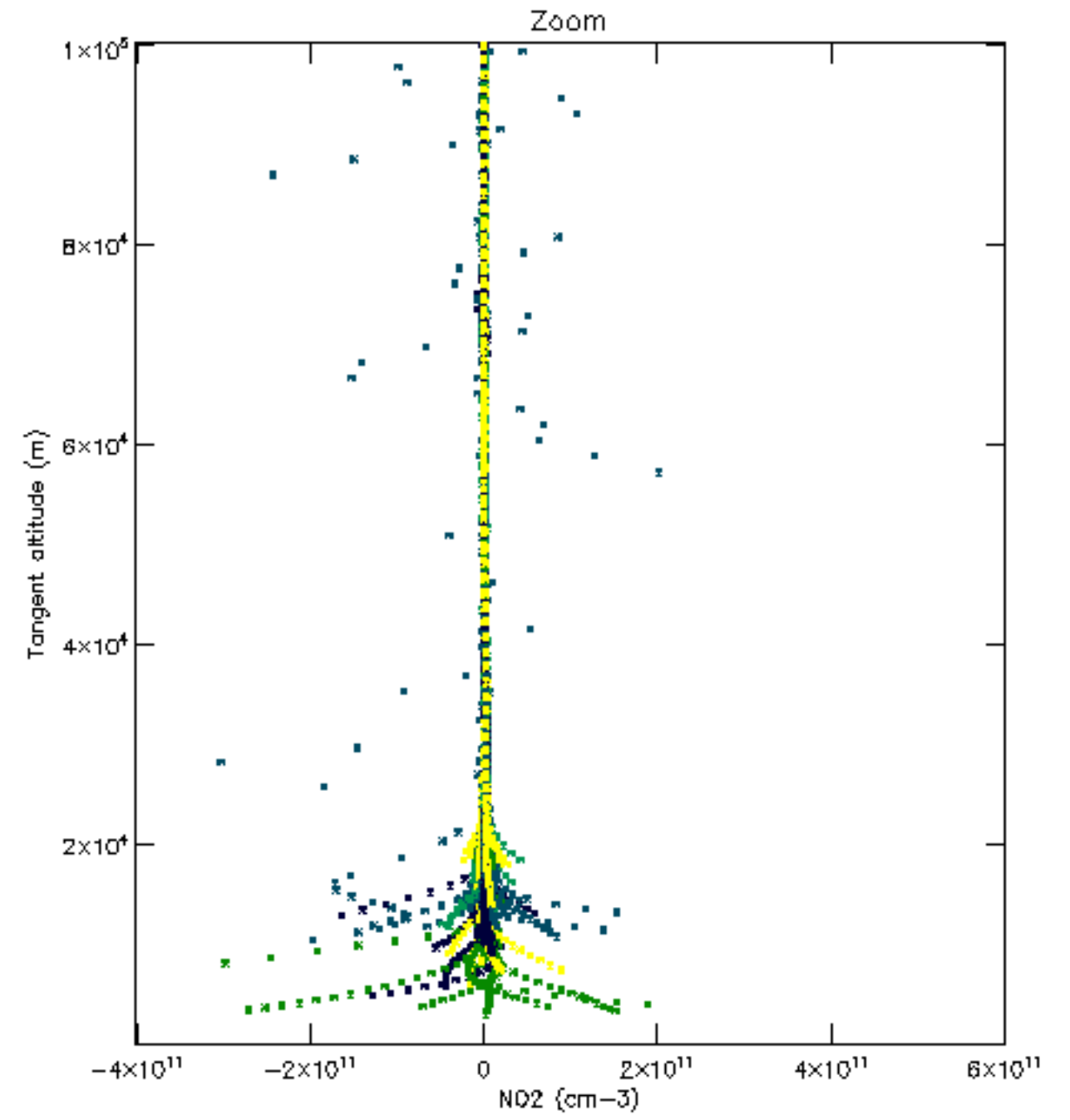
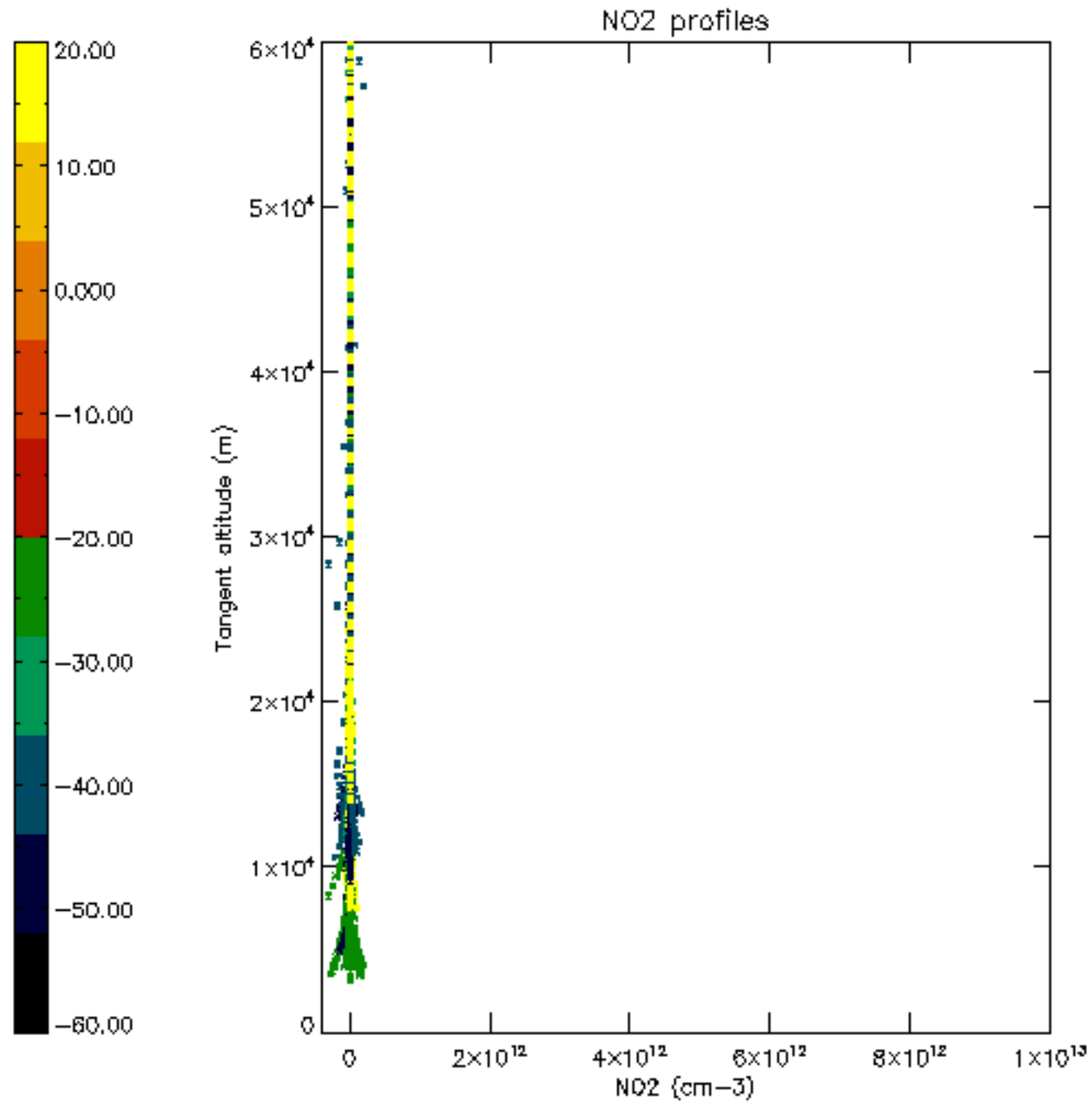


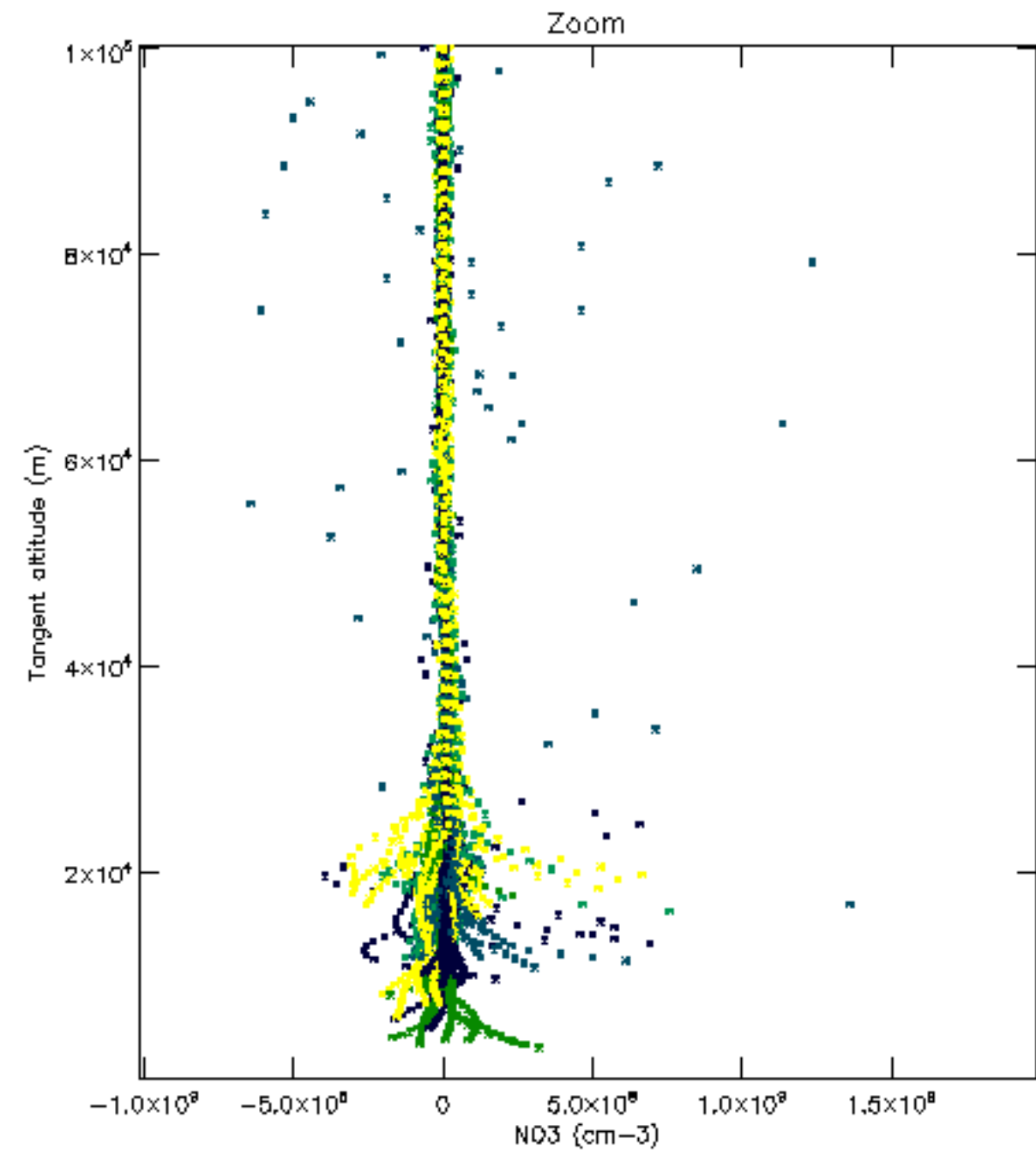
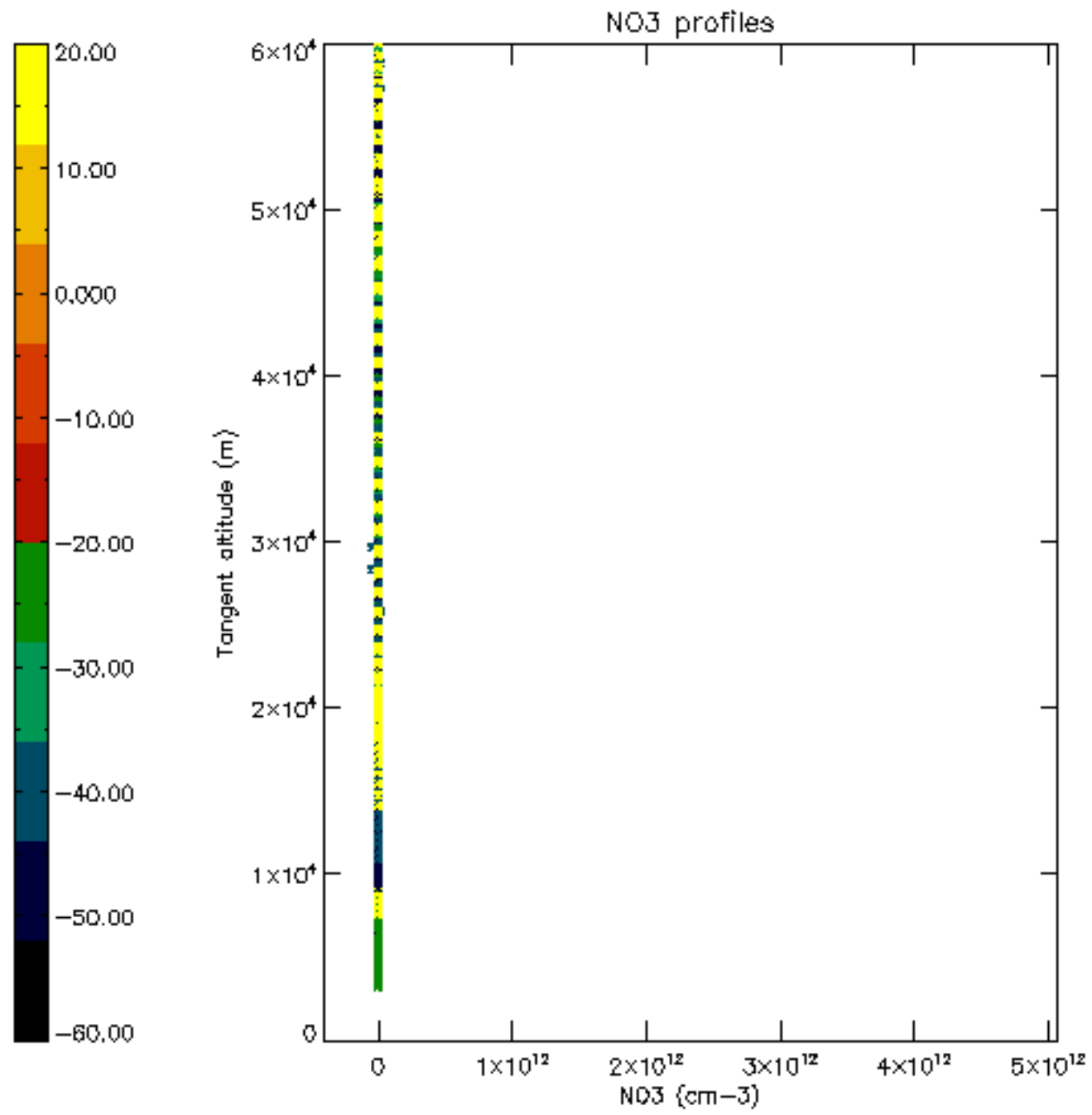


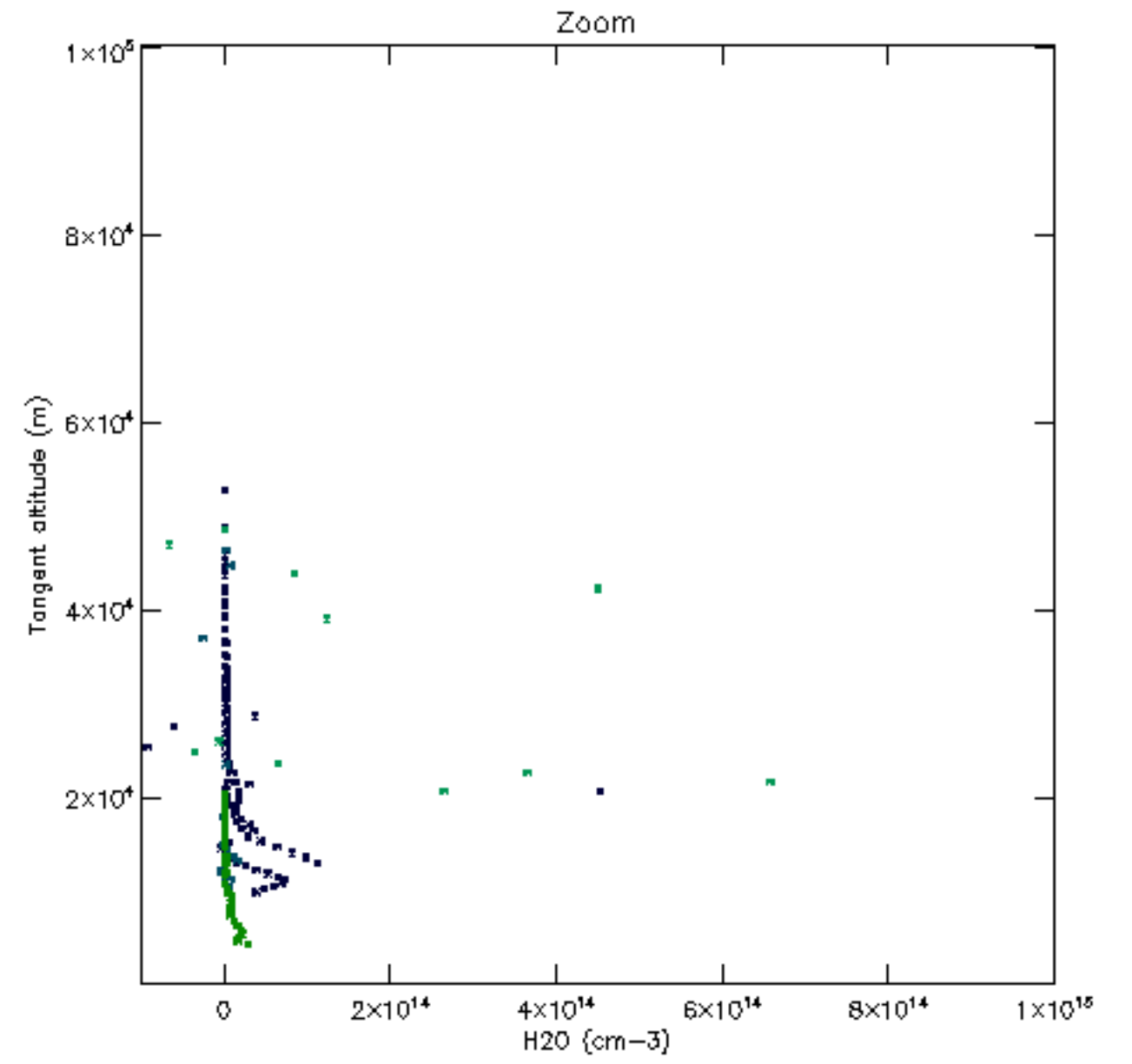
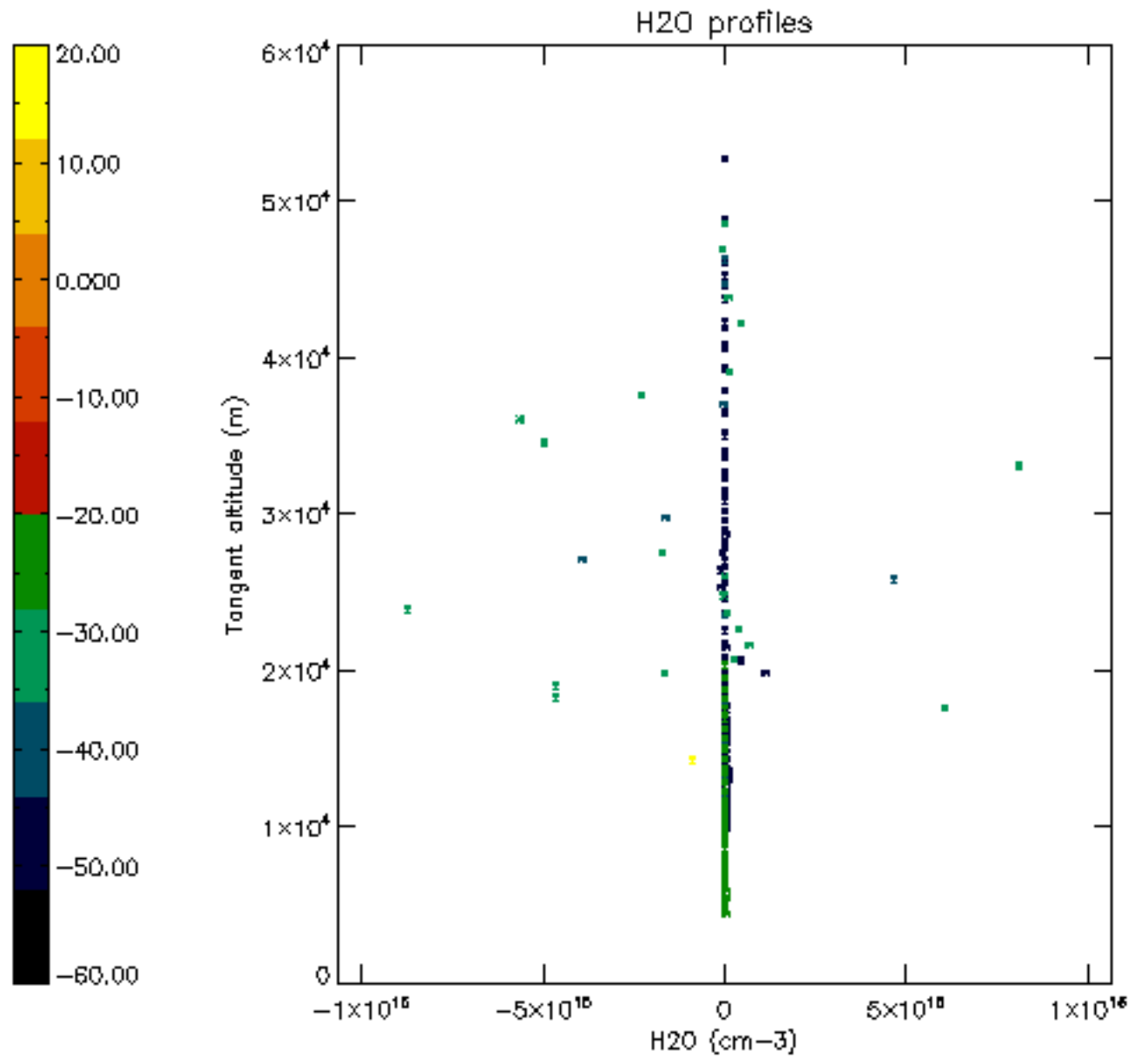


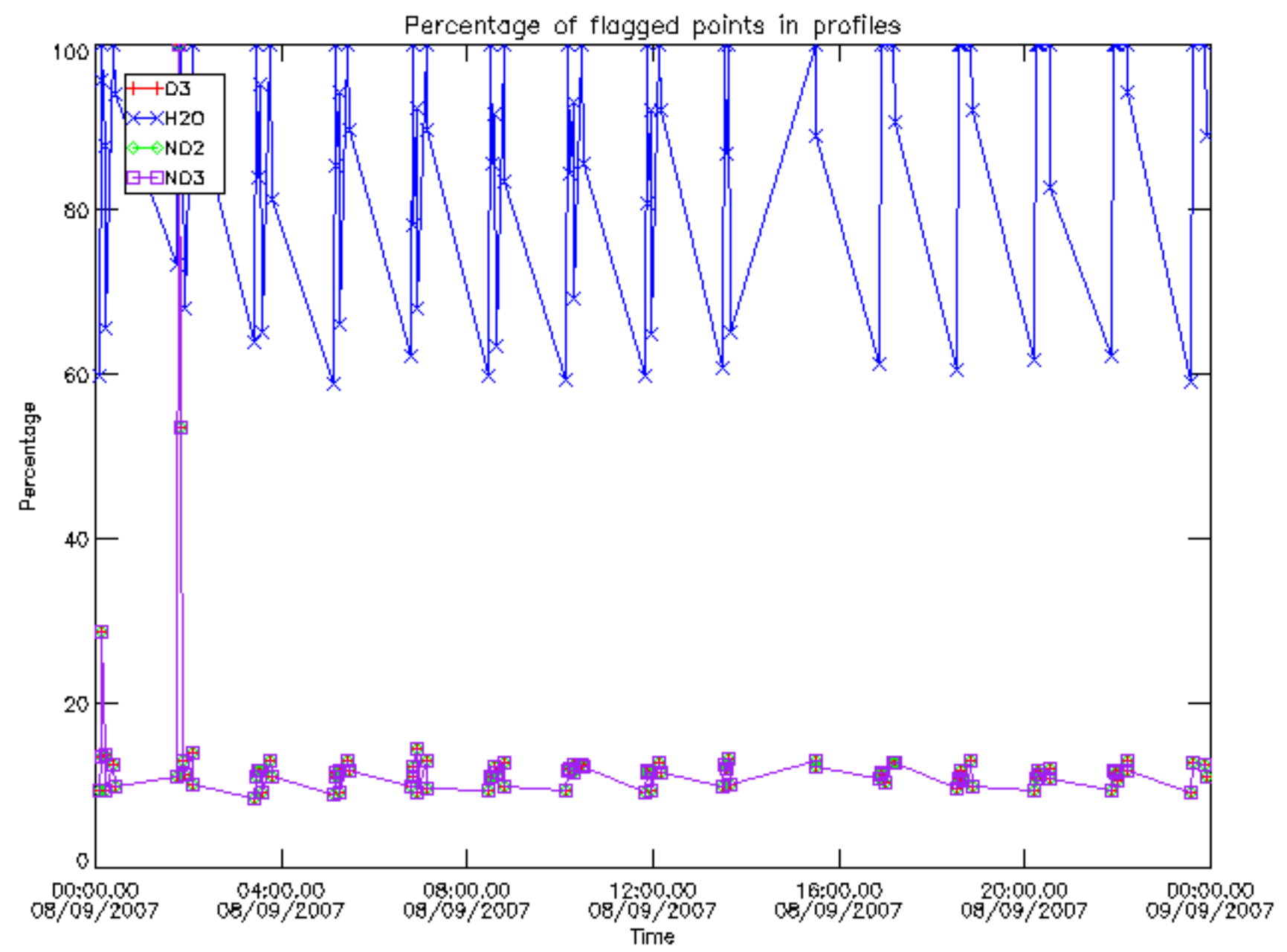




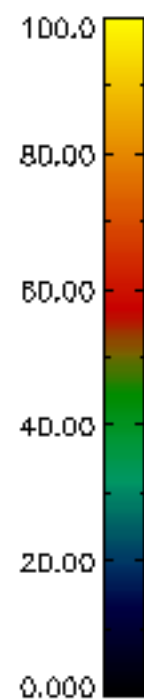
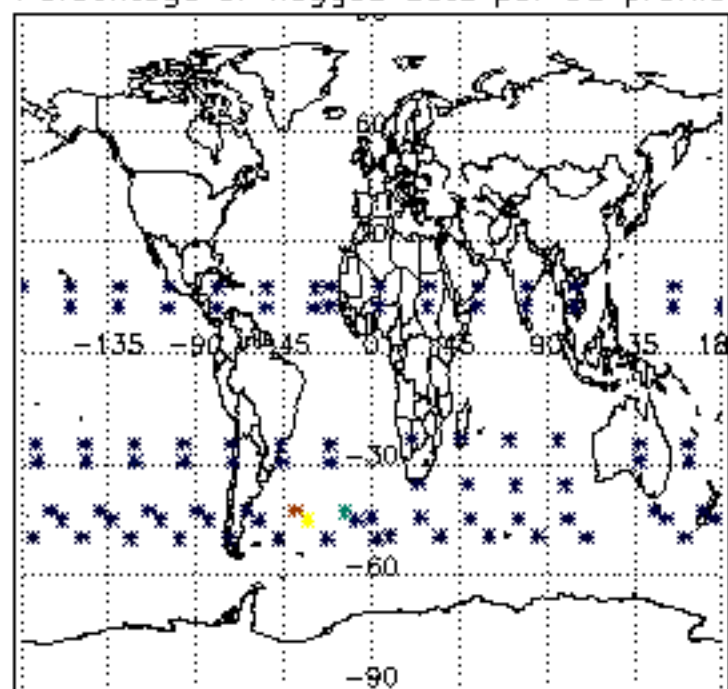




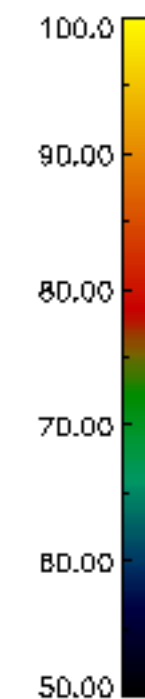
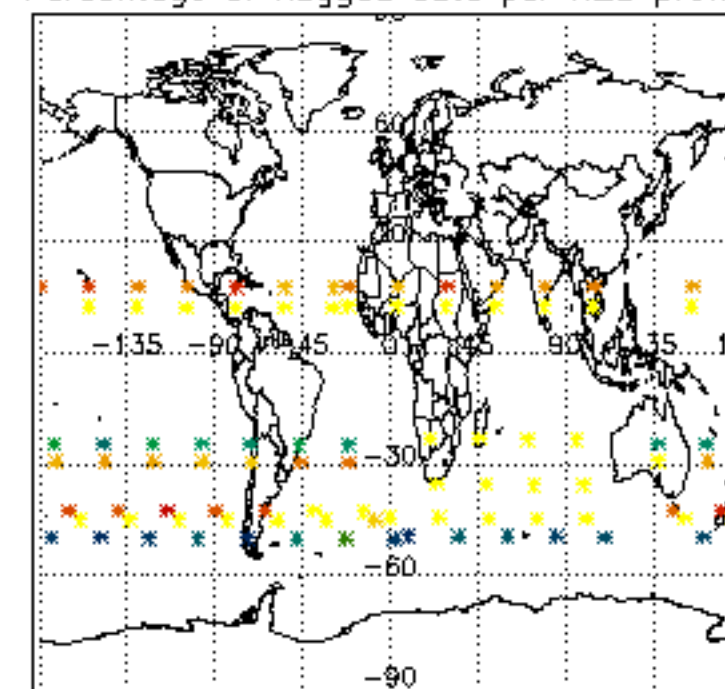




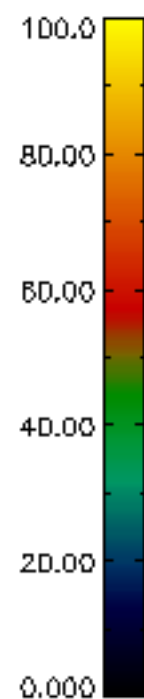
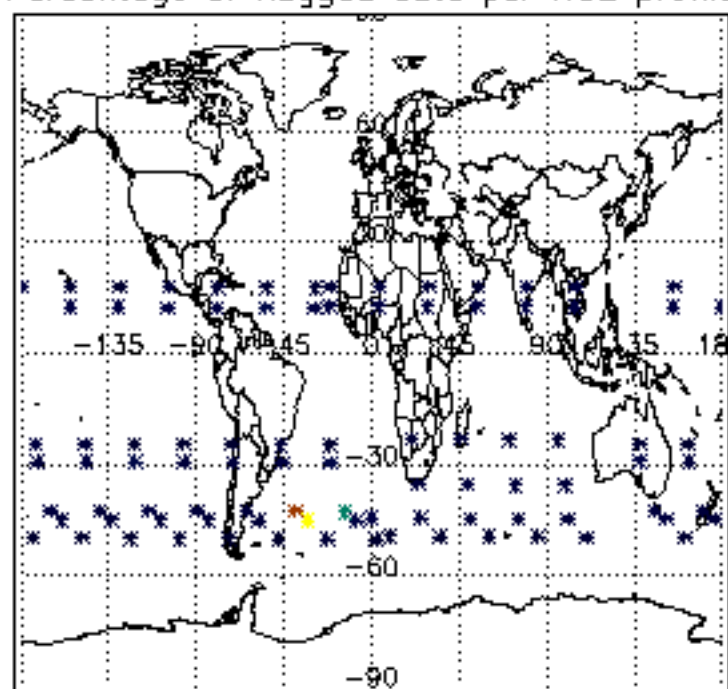
Percentage of flagged data per D3 profile



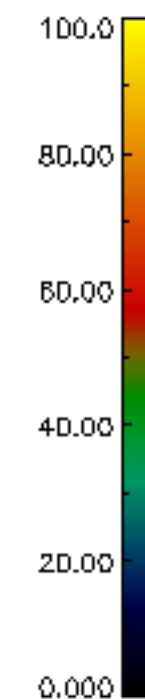
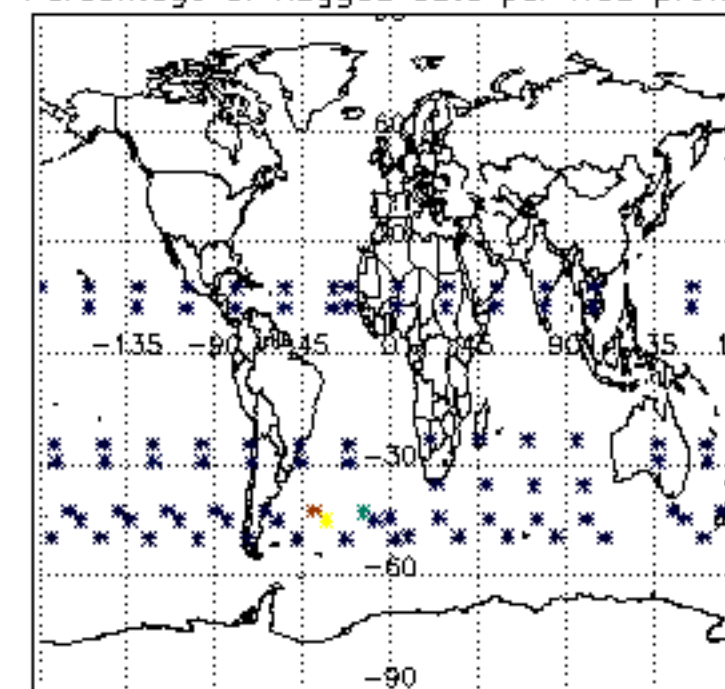
Percentage of flagged data per H2O profile

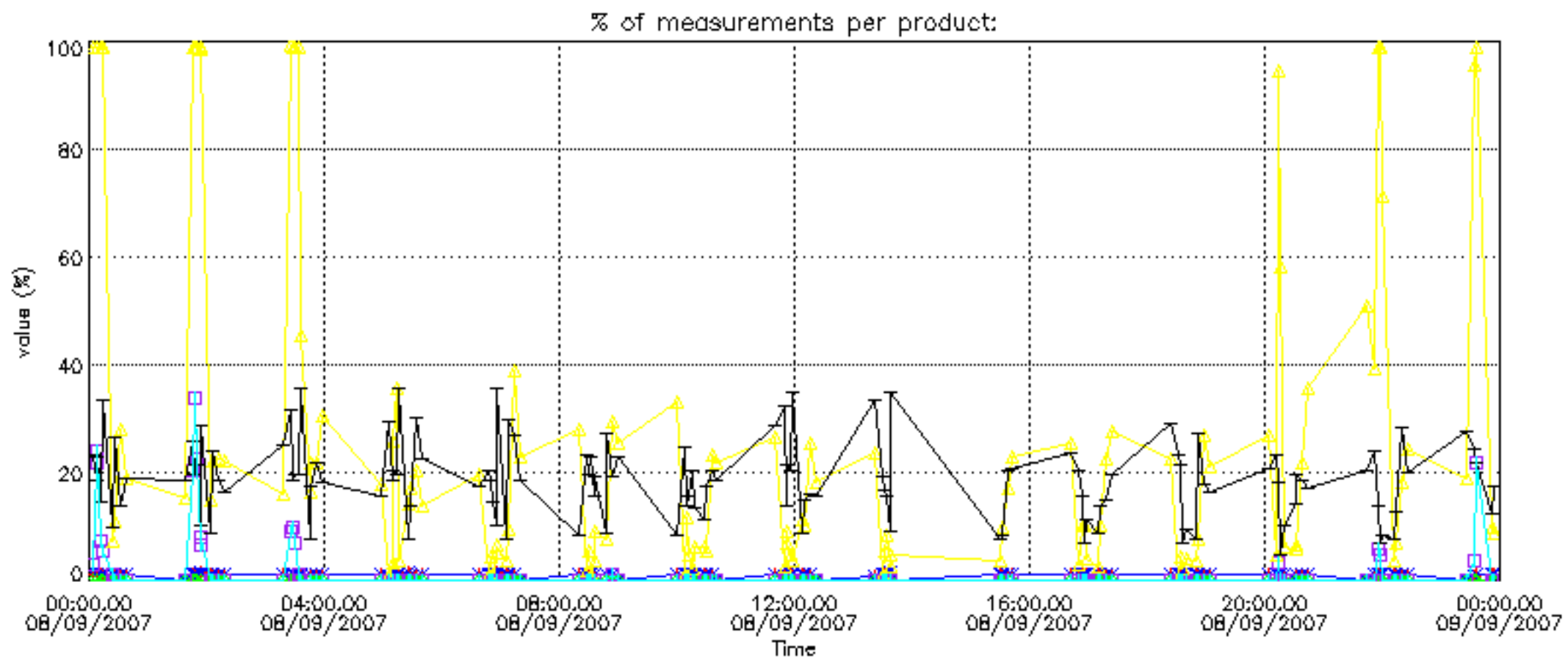


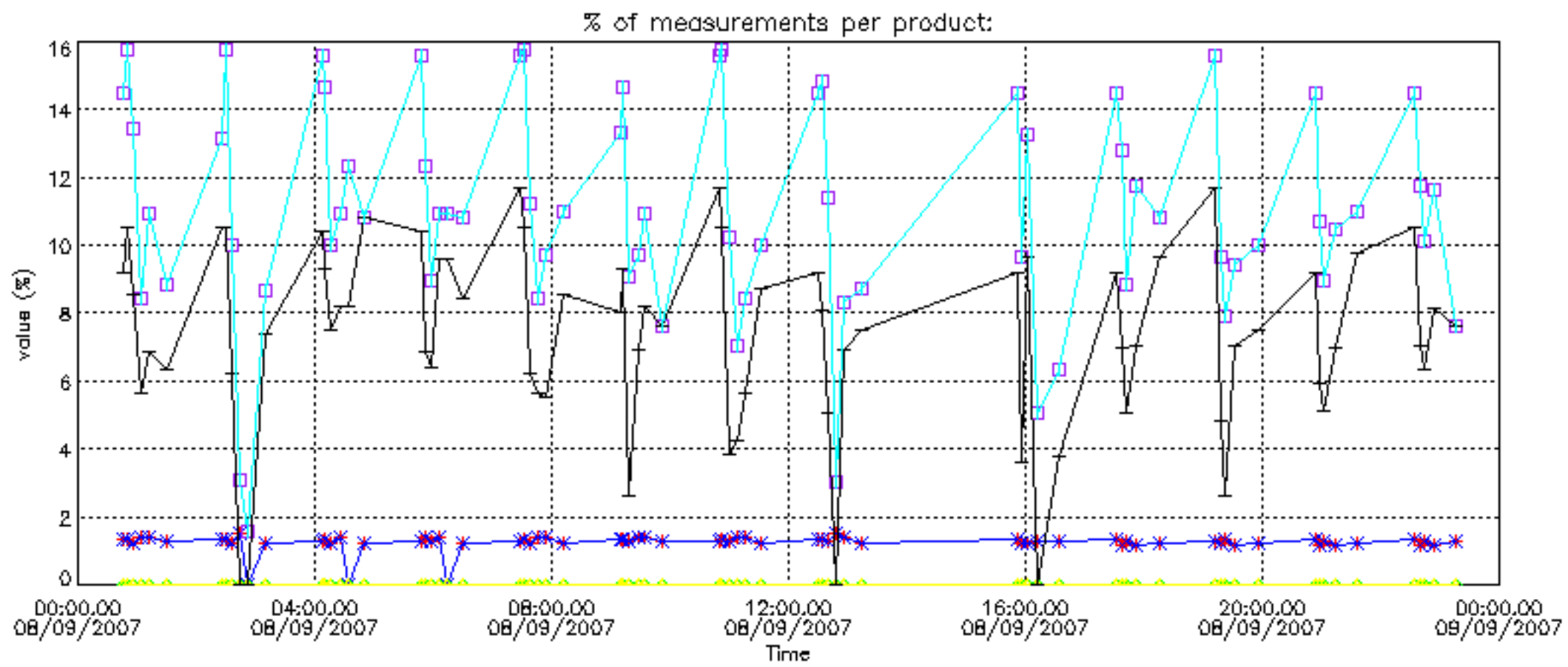
Percentage of flagged data per NO2 profile



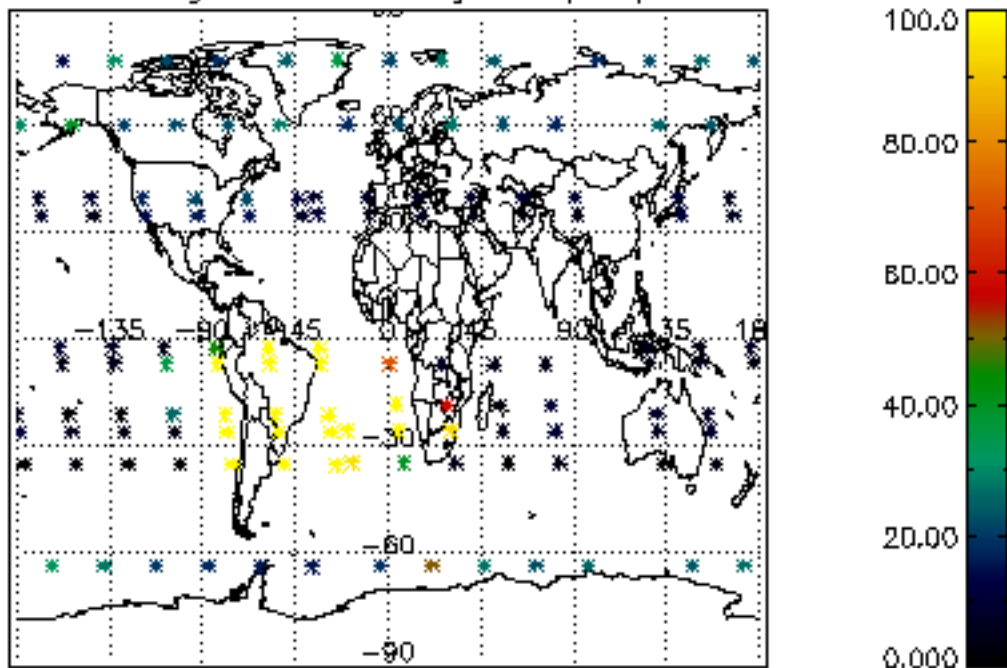
Percentage of flagged data per NO3 profile



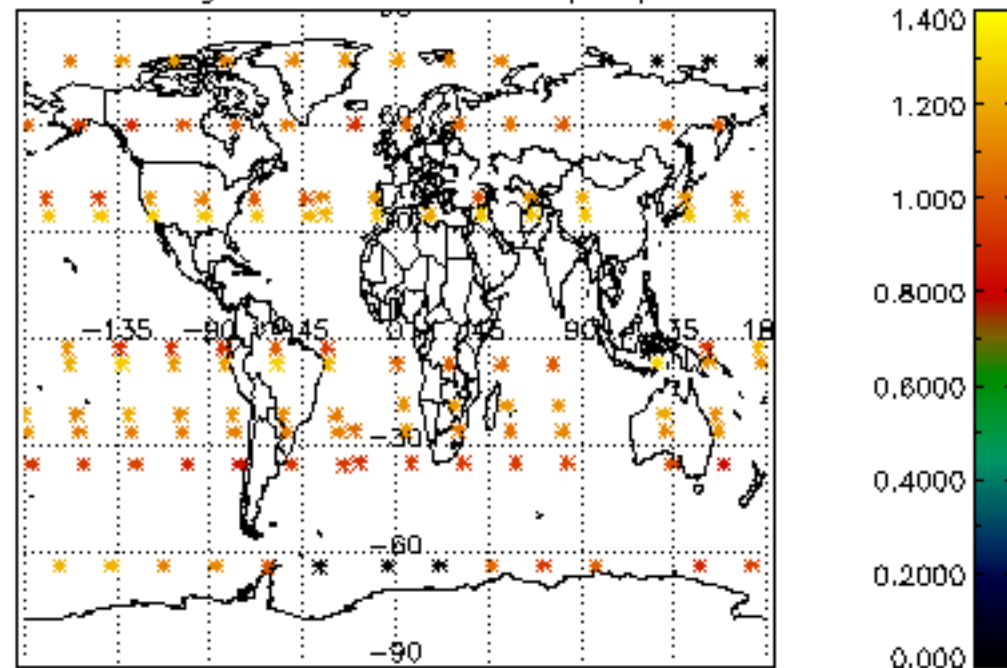




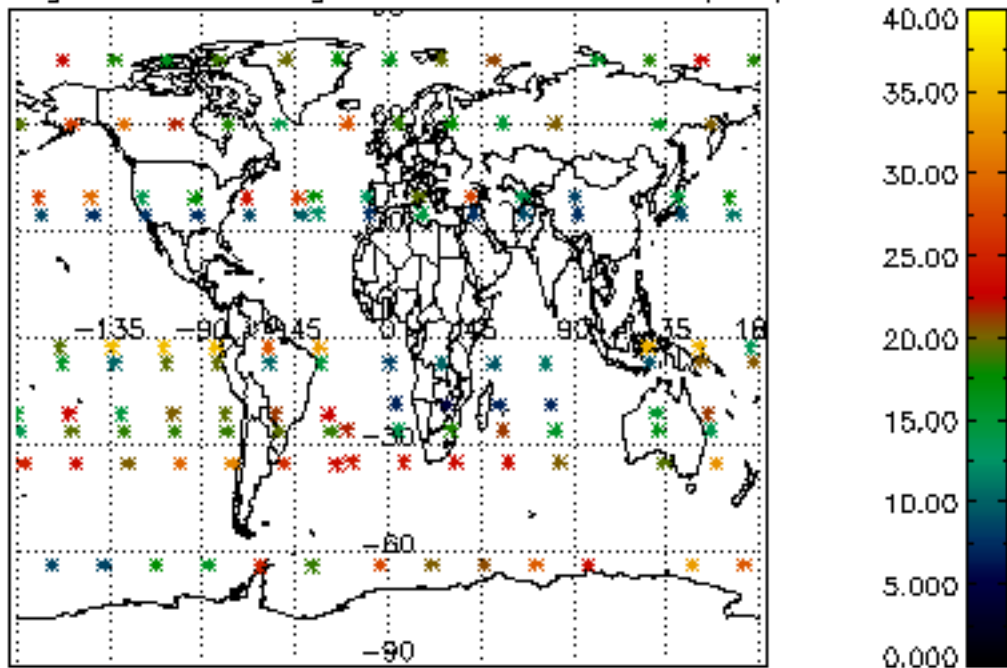
Percentage of cosmic ray hits per profile



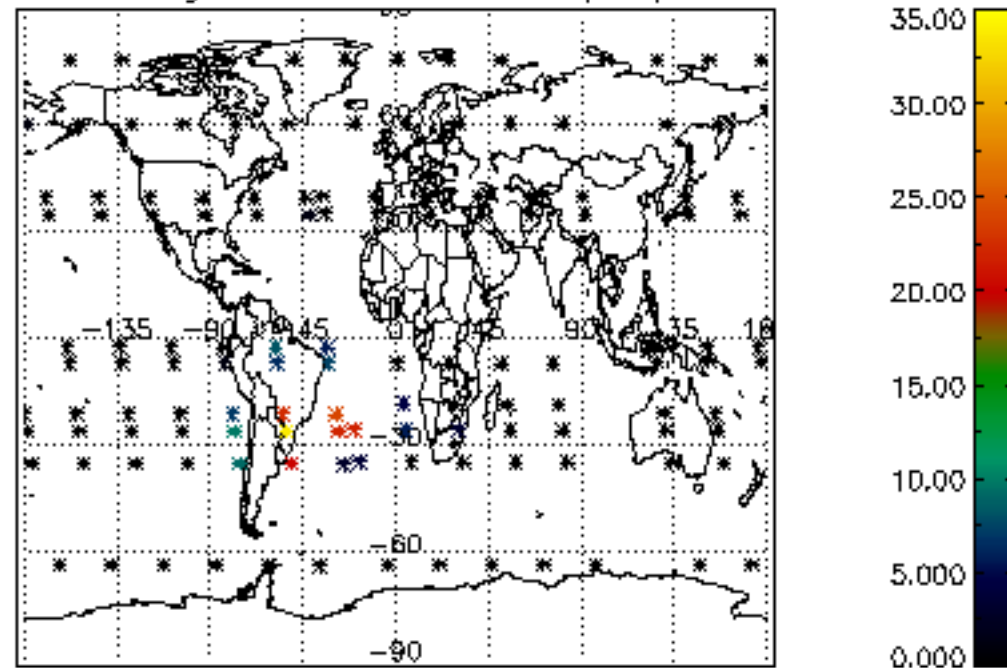
Percentage of datation errors per profile



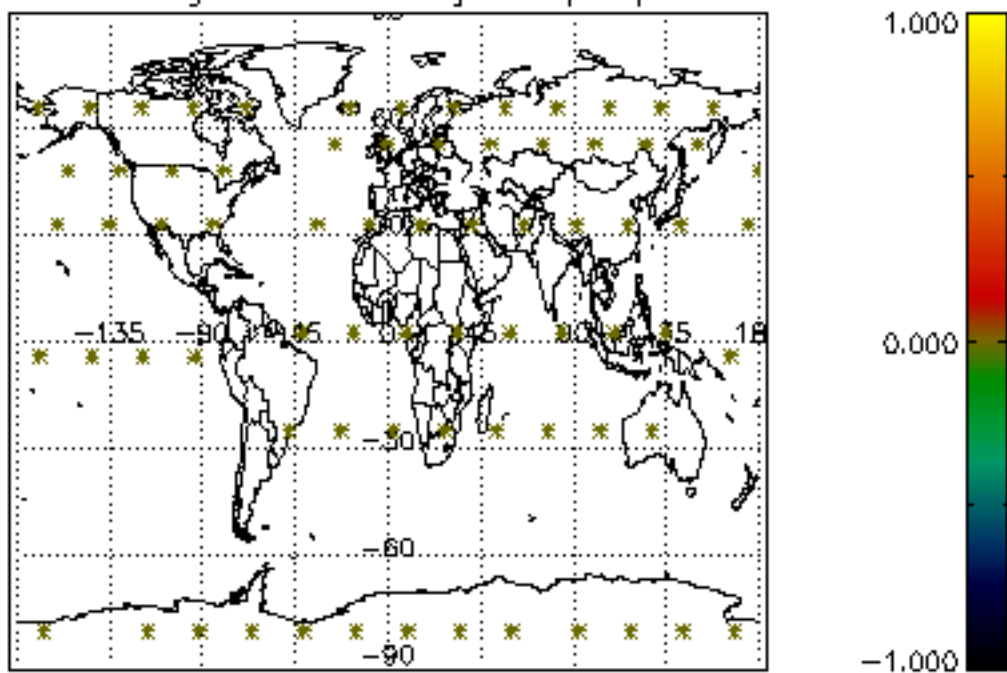
Percentage of star falling outside central band per profile



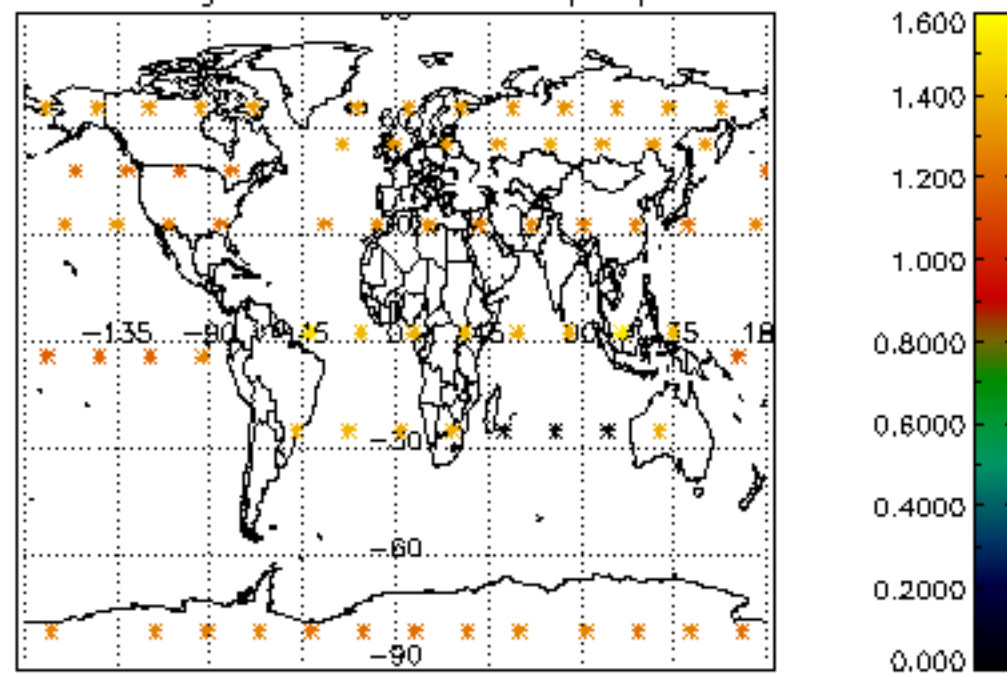
Percentage of saturation errors per profile



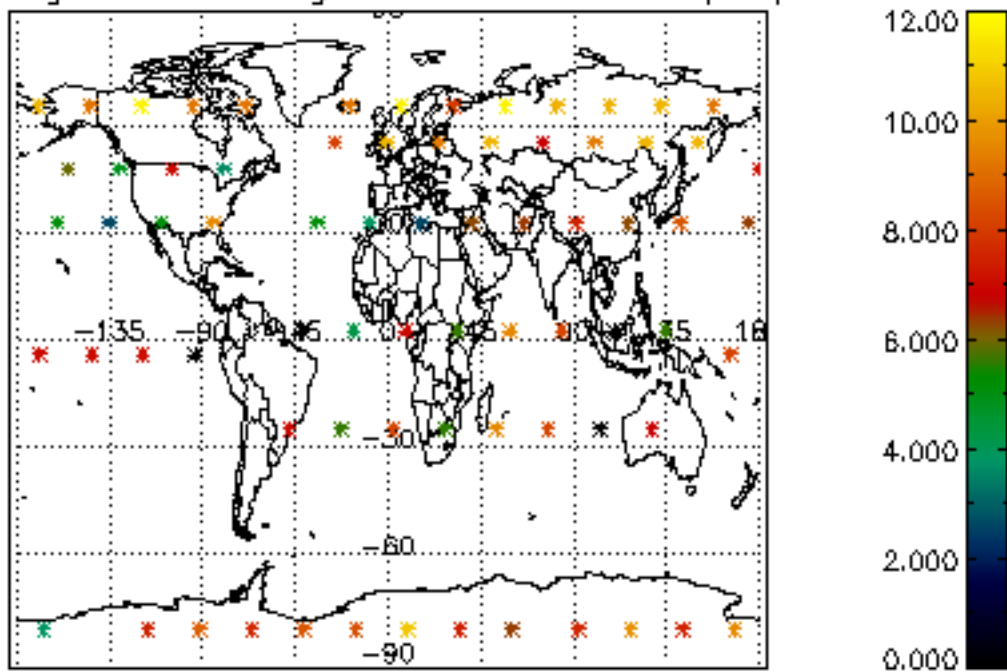
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

