

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	25APR2013 22:54:11
Data source version	GOMOS/6.01
Start time of products	28-11-2008 (28NOV2008 00:00:00)
Stop time of products	29-11-2008 (29NOV2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	218
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__2PRFIN20081128_000102_000000682074_00145_35269_3678.N1	28-NOV-2008 00:01:02	Bright	68.000	27	24Gam Ori	1.6360	26000.	136	35269	No
2	GOM_NL__2PRFIN20081128_000306_000000882074_00145_35269_3679.N1	28-NOV-2008 00:03:06	Bright	88.000	14	58Alp Ori	0.87000	3000.0	176	35269	No
3	GOM_NL__2PRFIN20081128_000730_000000612074_00145_35269_3680.N1	28-NOV-2008 00:07:30	Bright	60.500	176	23Zet Tau	3.0200	22000.	121	35269	No
4	GOM_NL__2PRFIN20081128_001337_000000492074_00145_35269_3681.N1	28-NOV-2008 00:13:37	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	35269	No
5	GOM_NL__2PRFIN20081128_001539_000000522074_00145_35269_3682.N1	28-NOV-2008 00:15:39	Bright	52.000	42	34Bet Aur	1.9000	10200.	104	35269	No
6	GOM_NL__2PRFIN20081128_003538_000000502074_00145_35269_3683.N1	28-NOV-2008 00:35:38	Bright	50.000	174	52Psi UMa	3.0040	4400.0	100	35269	No
7	GOM_NL__2PRFIN20081128_004615_000000652074_00145_35269_3684.N1	28-NOV-2008 00:46:15	Bright	65.000	96	68Del Leo	2.5600	9300.0	130	35269	No
8	GOM_NL__2PRFIN20081128_011727_000000542074_00146_35270_3701.N1	28-NOV-2008 01:17:27	Dark	53.500	70	Zet Pup	2.2460	39000.	107	35270	No
9	GOM_NL__2PRFIN20081128_012103_000000612074_00146_35270_3702.N1	28-NOV-2008 01:21:03	Dark	61.000	117	Pi Pup	2.7060	3800.0	122	35270	No
10	GOM_NL__2PRFIN20081128_012456_000000672074_00146_35270_3703.N1	28-NOV-2008 01:24:56	Dark	67.000	23	21Eps CMa	1.5020	26000.	134	35270	No
11	GOM_NL__2PRFIN20081128_012708_000000782074_00146_35270_3704.N1	28-NOV-2008 01:27:08	Straylight	77.500	179	24Omi2CMa	3.0320	24000.	155	35270	No
12	GOM_NL__2PRFIN20081128_013143_000001022074_00146_35270_3705.N1	28-NOV-2008 01:31:43	Straylight	101.50	1	9Alp CMa	-1.4400	11000.	203	35270	No
13	GOM_NL__2PRFIN20081128_013534_000000592074_00146_35270_3706.N1	28-NOV-2008 01:35:34	Straylight	58.500	7	19Bet Ori	0.10000	14000.	117	35270	No
14	GOM_NL__2PRFIN20081128_013848_000000692074_00146_35270_3707.N1	28-NOV-2008 01:38:48	Twilight_stray	69.000	30	46Eps Ori	1.6940	30000.	138	35270	No
15	GOM_NL__2PRFIN20081128_014137_000000642074_00146_35270_3708.N1	28-NOV-2008 01:41:37	Twilight_stray	64.000	27	24Gam Ori	1.6360	26000.	128	35270	No
16	GOM_NL__2PRFIN20081128_014341_000000872074_00146_35270_3709.N1	28-NOV-2008 01:43:41	Bright	86.500	14	58Alp Ori	0.87000	3000.0	173	35270	No
17	GOM_NL__2PRFIN20081128_014805_000000612074_00146_35270_3710.N1	28-NOV-2008 01:48:05	Bright	60.500	176	23Zet Tau	3.0200	22000.	121	35270	No
18	GOM_NL__2PRFIN20081128_015412_000000482074_00146_35270_3711.N1	28-NOV-2008 01:54:12	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	35270	No
19	GOM_NL__2PRFIN20081128_015614_000000512074_00146_35270_3712.N1	28-NOV-2008 01:56:14	Bright	51.000	42	34Bet Aur	1.9000	10200.	102	35270	No
20	GOM_NL__2PRFIN20081128_021614_000000512074_00146_35270_3713.N1	28-NOV-2008 02:16:14	Bright	50.500	174	52Psi UMa	3.0040	4400.0	101	35270	No
21	GOM_NL__2PRFIN20081128_022651_000000652074_00146_35270_3714.N1	28-NOV-2008 02:26:51	Bright	64.500	96	68Del Leo	2.5600	9300.0	129	35270	No
22	GOM_NL__2PRFIN20081128_025804_000000542074_00147_35271_3727.N1	28-NOV-2008 02:58:04	Dark	53.500	70	Zet Pup	2.2460	39000.	107	35271	No
23	GOM_NL__2PRFIN20081128_030139_000000612074_00147_35271_3728.N1	28-NOV-2008 03:01:39	Dark	61.000	117	Pi Pup	2.7060	3800.0	122	35271	No
24	GOM_NL__2PRFIN20081128_030533_000000662074_00147_35271_3729.N1	28-NOV-2008 03:05:33	Dark	66.000	23	21Eps CMa	1.5020	26000.	132	35271	No
25	GOM_NL__2PRFIN20081128_030745_000000782074_00147_35271_3730.N1	28-NOV-2008 03:07:45	Straylight	78.000	179	24Omi2CMa	3.0320	24000.	156	35271	No
26	GOM_NL__2PRFIN20081128_031219_000000982074_00147_35271_3731.N1	28-NOV-2008 03:12:19	Straylight	98.000	1	9Alp CMa	-1.4400	11000.	196	35271	No
27	GOM_NL__2PRFIN20081128_031609_000000602074_00147_35271_3732.N1	28-NOV-2008 03:16:09	Straylight	59.500	7	19Bet Ori	0.10000	14000.	119	35271	No
28	GOM_NL__2PRFIN20081128_031923_000000692074_00147_35271_3733.N1	28-NOV-2008 03:19:23	Twilight_stray	69.000	30	46Eps Ori	1.6940	30000.	138	35271	No
29	GOM_NL__2PRFIN20081128_032212_000000682074_00147_35271_3734.N1	28-NOV-2008 03:22:12	Bright	67.500	27	24Gam Ori	1.6360	26000.	135	35271	No
30	GOM_NL__2PRFIN20081128_032416_000000862074_00147_35271_3735.N1	28-NOV-2008 03:24:16	Bright	85.500	14	58Alp Ori	0.87000	3000.0	171	35271	No
31	GOM_NL__2PRFIN20081128_032839_000000572074_00147_35271_3736.N1	28-NOV-2008 03:28:39	Bright	57.000	176	23Zet Tau	3.0200	22000.	114	35271	No
32	GOM_NL__2PRFIN20081128_033448_000000502074_00147_35271_3737.N1	28-NOV-2008 03:34:48	Bright	50.000	6	13Alp Aur	0.080000	3400.0	100	35271	No
33	GOM_NL__2PRFIN20081128_033649_000000502074_00147_35271_3738.N1	28-NOV-2008 03:36:49	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	35271	No
34	GOM_NL__2PRFIN20081128_035650_000000512074_00147_35271_3739.N1	28-NOV-2008 03:56:50	Bright	50.500	174	52Psi UMa	3.0040	4400.0	101	35271	No
35	GOM_NL__2PRFIN20081128_040728_000000642074_00147_35271_3740.N1	28-NOV-2008 04:07:28	Bright	64.000	96	68Del Leo	2.5600	9300.0	128	35271	No
36	GOM_NL__2PRFIN20081128_043841_000000562074_00148_35272_3752.N1	28-NOV-2008 04:38:41	Dark	55.500	70	Zet Pup	2.2460	39000.	111	35272	No
37	GOM_NL__2PRFIN20081128_044216_000000602074_00148_35272_3753.N1	28-NOV-2008 04:42:16	Dark	59.500	117	Pi Pup	2.7060	3800.0	119	35272	No
38	GOM_NL__2PRFIN20081128_044609_000000682074_00148_35272_3754.N1	28-NOV-2008 04:46:09	Dark	68.000	23	21Eps CMa	1.5020	26000.	136	35272	No
39	GOM_NL__2PRFIN20081128_044822_000000782074_00148_35272_3755.N1	28-NOV-2008 04:48:22	Straylight	78.000	179	24Omi2CMa	3.0320	24000.	156	35272	No
40	GOM_NL__2PRFIN20081128_045255_000001022074_00148_35272_3756.N1	28-NOV-2008 04:52:55	Straylight	101.50	1	9Alp CMa	-1.4400	11000.	203	35272	No
41	GOM_NL__2PRFIN20081128_045645_000000692074_00148_35272_3757.N1	28-NOV-2008 04:56:45	Straylight	68.500	7	19Bet Ori	0.10000	14000.	137	35272	No
42	GOM_NL__2PRFIN20081128_045959_000000682074_00148_35272_3758.N1	28-NOV-2008 04:59:59	Twilight_stray	68.000	30	46Eps Ori	1.6940	30000.	136	35272	No

43	GOM_NL__2PRFIN20081128_050248_000000642074_00148_35272_3759.N1	28-NOV-2008 05:02:48	Twilight	64.000	27	24Gam Ori	1.6360	26000.	128	35272	No
44	GOM_NL__2PRFIN20081128_050451_000000852074_00148_35272_3760.N1	28-NOV-2008 05:04:51	Bright	85.000	14	58Alp Ori	0.87000	3000.0	170	35272	No
45	GOM_NL__2PRFIN20081128_050914_000000592074_00148_35272_3761.N1	28-NOV-2008 05:09:14	Bright	59.000	176	23Zet Tau	3.0200	22000.	118	35272	No
46	GOM_NL__2PRFIN20081128_051523_000000492074_00148_35272_3762.N1	28-NOV-2008 05:15:23	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	35272	No
47	GOM_NL__2PRFIN20081128_051724_000000522074_00148_35272_3763.N1	28-NOV-2008 05:17:24	Bright	52.000	42	34Bet Aur	1.9000	10200.	104	35272	No
48	GOM_NL__2PRFIN20081128_053726_000000512074_00148_35272_3764.N1	28-NOV-2008 05:37:26	Bright	50.500	174	52Psi UMa	3.0040	4400.0	101	35272	No
49	GOM_NL__2PRFIN20081128_054805_000000652074_00148_35272_3765.N1	28-NOV-2008 05:48:05	Bright	64.500	96	68Del Leo	2.5600	9300.0	129	35272	No
50	GOM_NL__2PRFIN20081128_061918_000000552074_00149_35273_3781.N1	28-NOV-2008 06:19:18	Dark	55.000	70	Zet Pup	2.2460	39000.	110	35273	No
51	GOM_NL__2PRFIN20081128_062253_000000632074_00149_35273_3782.N1	28-NOV-2008 06:22:53	Dark	62.500	117	Pi Pup	2.7060	3800.0	125	35273	No
52	GOM_NL__2PRFIN20081128_062646_000000672074_00149_35273_3783.N1	28-NOV-2008 06:26:46	Dark	67.000	23	21Eps CMa	1.5020	26000.	134	35273	No
53	GOM_NL__2PRFIN20081128_062858_000000762074_00149_35273_3784.N1	28-NOV-2008 06:28:58	Straylight	75.500	179	24Omi2CMa	3.0320	24000.	151	35273	No
54	GOM_NL__2PRFIN20081128_063331_000001022074_00149_35273_3785.N1	28-NOV-2008 06:33:31	Straylight	101.50	1	9Alp CMa	-1.4400	11000.	203	35273	No
55	GOM_NL__2PRFIN20081128_063721_000000612074_00149_35273_3786.N1	28-NOV-2008 06:37:21	Straylight	61.000	7	19Bet Ori	0.10000	14000.	122	35273	No
56	GOM_NL__2PRFIN20081128_064035_000000672074_00149_35273_3787.N1	28-NOV-2008 06:40:35	Twilight	67.000	30	46Eps Ori	1.6940	30000.	134	35273	No
57	GOM_NL__2PRFIN20081128_064323_000000632074_00149_35273_3788.N1	28-NOV-2008 06:43:23	Twilight	63.000	27	24Gam Ori	1.6360	26000.	126	35273	No
58	GOM_NL__2PRFIN20081128_064526_000000862074_00149_35273_3789.N1	28-NOV-2008 06:45:26	Bright	85.500	14	58Alp Ori	0.87000	3000.0	171	35273	No
59	GOM_NL__2PRFIN20081128_064949_000000602074_00149_35273_3790.N1	28-NOV-2008 06:49:49	Bright	60.000	176	23Zet Tau	3.0200	22000.	120	35273	No
60	GOM_NL__2PRFIN20081128_065558_000000482074_00149_35273_3791.N1	28-NOV-2008 06:55:58	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	35273	No
61	GOM_NL__2PRFIN20081128_065759_000000532074_00149_35273_3792.N1	28-NOV-2008 06:57:59	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	35273	No
62	GOM_NL__2PRFIN20081128_071801_000000512074_00149_35273_3793.N1	28-NOV-2008 07:18:01	Bright	51.000	174	52Psi UMa	3.0040	4400.0	102	35273	No
63	GOM_NL__2PRFIN20081128_072841_000000672074_00149_35273_3794.N1	28-NOV-2008 07:28:41	Bright	67.000	96	68Del Leo	2.5600	9300.0	134	35273	No
64	GOM_NL__2PRFIN20081128_075955_000000552074_00150_35274_3823.N1	28-NOV-2008 07:59:55	Dark	54.500	70	Zet Pup	2.2460	39000.	109	35274	No
65	GOM_NL__2PRFIN20081128_080330_000000572074_00150_35274_3824.N1	28-NOV-2008 08:03:30	Dark	57.000	117	Pi Pup	2.7060	3800.0	114	35274	No
66	GOM_NL__2PRFIN20081128_080723_000000672074_00150_35274_3825.N1	28-NOV-2008 08:07:23	Dark	67.000	23	21Eps CMa	1.5020	26000.	134	35274	No
67	GOM_NL__2PRFIN20081128_080935_000000762074_00150_35274_3826.N1	28-NOV-2008 08:09:35	Straylight	75.500	179	24Omi2CMa	3.0320	24000.	151	35274	No
68	GOM_NL__2PRFIN20081128_081407_000000982074_00150_35274_3827.N1	28-NOV-2008 08:14:07	Straylight	98.000	1	9Alp CMa	-1.4400	11000.	196	35274	No
69	GOM_NL__2PRFIN20081128_081757_000000642074_00150_35274_3828.N1	28-NOV-2008 08:17:57	Straylight	64.000	7	19Bet Ori	0.10000	14000.	128	35274	No
70	GOM_NL__2PRFIN20081128_082110_000000682074_00150_35274_3829.N1	28-NOV-2008 08:21:10	Twilight	67.500	30	46Eps Ori	1.6940	30000.	135	35274	No
71	GOM_NL__2PRFIN20081128_082358_000000662074_00150_35274_3830.N1	28-NOV-2008 08:23:58	Twilight	65.500	27	24Gam Ori	1.6360	26000.	131	35274	No
72	GOM_NL__2PRFIN20081128_082600_000000862074_00150_35274_3831.N1	28-NOV-2008 08:26:00	Bright	85.500	14	58Alp Ori	0.87000	3000.0	171	35274	No
73	GOM_NL__2PRFIN20081128_083024_000000592074_00150_35274_3832.N1	28-NOV-2008 08:30:24	Bright	59.000	176	23Zet Tau	3.0200	22000.	118	35274	No
74	GOM_NL__2PRFIN20081128_083633_000000492074_00150_35274_3833.N1	28-NOV-2008 08:36:33	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	35274	No
75	GOM_NL__2PRFIN20081128_083834_000000522074_00150_35274_3834.N1	28-NOV-2008 08:38:34	Bright	51.500	42	34Bet Aur	1.9000	10200.	103	35274	No
76	GOM_NL__2PRFIN20081128_085837_000000512074_00150_35274_3835.N1	28-NOV-2008 08:58:37	Bright	51.000	174	52Psi UMa	3.0040	4400.0	102	35274	No
77	GOM_NL__2PRFIN20081128_090918_000000682074_00150_35274_3836.N1	28-NOV-2008 09:09:18	Bright	67.500	96	68Del Leo	2.5600	9300.0	135	35274	No
78	GOM_NL__2PRFIN20081128_094032_000000532074_00151_35275_3851.N1	28-NOV-2008 09:40:32	Dark	53.000	70	Zet Pup	2.2460	39000.	106	35275	No
79	GOM_NL__2PRFIN20081128_094407_000000612074_00151_35275_3852.N1	28-NOV-2008 09:44:07	Dark	61.000	117	Pi Pup	2.7060	3800.0	122	35275	No
80	GOM_NL__2PRFIN20081128_094800_000000692074_00151_35275_3853.N1	28-NOV-2008 09:48:00	Dark	68.500	23	21Eps CMa	1.5020	26000.	137	35275	No
81	GOM_NL__2PRFIN20081128_095012_000000762074_00151_35275_3854.N1	28-NOV-2008 09:50:12	Straylight	76.000	179	24Omi2CMa	3.0320	24000.	152	35275	No
82	GOM_NL__2PRFIN20081128_095443_000001032074_00151_35275_3855.N1	28-NOV-2008 09:54:43	Straylight	102.50	1	9Alp CMa	-1.4400	11000.	205	35275	No
83	GOM_NL__2PRFIN20081128_095833_000000592074_00151_35275_3856.N1	28-NOV-2008 09:58:33	Straylight	58.500	7	19Bet Ori	0.10000	14000.	117	35275	No
84	GOM_NL__2PRFIN20081128_100145_000000642074_00151_35275_3857.N1	28-NOV-2008 10:01:45	Twilight	63.500	30	46Eps Ori	1.6940	30000.	127	35275	No
85	GOM_NL__2PRFIN20081128_100434_000000672074_00151_35275_3858.N1	28-NOV-2008 10:04:34	Twilight	66.500	27	24Gam Ori	1.6360	26000.	133	35275	No
86	GOM_NL__2PRFIN20081128_100635_000000852074_00151_35275_3859.N1	28-NOV-2008 10:06:35	Bright	84.500	14	58Alp Ori	0.87000	3000.0	169	35275	No
87	GOM_NL__2PRFIN20081128_101059_000000592074_00151_35275_3860.N1	28-NOV-2008 10:10:59	Bright	58.500	176	23Zet Tau	3.0200	22000.	117	35275	No
88	GOM_NL__2PRFIN20081128_101709_000000482074_00151_35275_3861.N1	28-NOV-2008 10:17:09	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	35275	No
89	GOM_NL__2PRFIN20081128_101909_000000532074_00151_35275_3862.N1	28-NOV-2008 10:19:09	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	35275	No
90	GOM_NL__2PRFIN20081128_103913_000000512074_00151_35275_3863.N1	28-NOV-2008 10:39:13	Bright	51.000	174	52Psi UMa	3.0040	4400.0	102	35275	No
91	GOM_NL__2PRFIN20081128_104955_000000672074_00151_35275_3864.N1	28-NOV-2008 10:49:55	Bright	67.000	96	68Del Leo	2.5600	9300.0	134	35275	No
92	GOM_NL__2PRFIN20081128_112109_000000522074_00152_35276_3876.N1	28-NOV-2008 11:21:09	Dark	52.000	70	Zet Pup	2.2460	39000.	104	35276	No
93	GOM_NL__2PRFIN20081128_112444_000000602074_00152_35276_3877.N1	28-NOV-2008 11:24:44	Dark	59.500	117	Pi Pup	2.7060	3800.0	119	35276	No
94	GOM_NL__2PRFIN20081128_112836_000000682074_00152_35276_3878.N1	28-NOV-2008 11:28:36	Dark	67.500	23	21Eps CMa	1.5020	26000.	135	35276	No
95	GOM_NL__2PRFIN20081128_113048_000000742074_00152_35276_3879.N1	28-NOV-2008 11:30:48	Straylight	73.500	179	24Omi2CMa	3.0320	24000.	147	35276	No
96	GOM_NL__2PRFIN20081128_113519_000001012074_00152_35276_3880.N1	28-NOV-2008 11:35:19	Straylight	101.00	1	9Alp CMa	-1.4400	11000.	202	35276	No
97	GOM_NL__2PRFIN20081128_113908_000000592074_00152_35276_3881.N1	28-NOV-2008 11:39:08	Straylight	58.500	7	19Bet Ori	0.10000	14000.	117	35276	No
98	GOM_NL__2PRFIN20081128_114221_000000652074_00152_35276_3882.N1	28-NOV-2008 11:42:21	Twilight	65.000	30	46Eps Ori	1.6940	30000.	130	35276	No
99	GOM_NL__2PRFIN20081128_114509_000000622074_00152_35276_3883.N1	28-NOV-2008 11:45:09	Twilight	61.500	27	24Gam Ori	1.6360	26000.	123	35276	No
100	GOM_NL__2PRFIN20081128_114710_000000852074_00152_35276_3884.N1	28-NOV-2008 11:47:10	Bright	84.500	14	58Alp Ori	0.87000	3000.0	169	35276	No
101	GOM_NL__2PRFIN20081128_115134_000000592074_00152_35276_3885.N1	28-NOV-2008 11:51:34	Bright	58.500	176	23Zet Tau	3.0200	22000.	117	35276	No

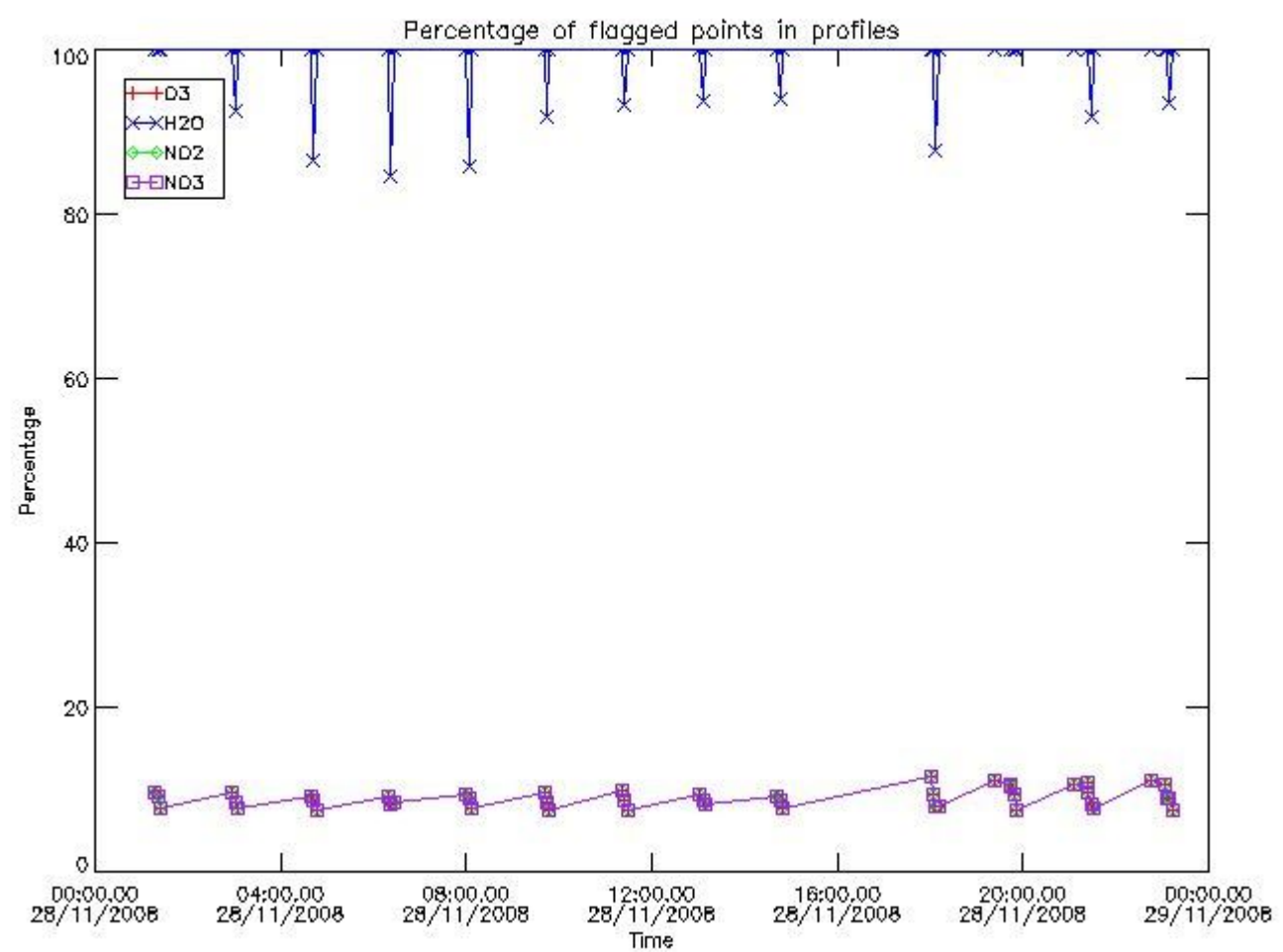
102	GOM_NL__2PRFIN20081128_115744_000000472074_00152_35276_3886.N1	28-NOV-2008 11:57:44	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	35276	No
103	GOM_NL__2PRFIN20081128_115943_000000542074_00152_35276_3887.N1	28-NOV-2008 11:59:43	Bright	53.500	42	34Bet Aur	1.9000	10200.	107	35276	No
104	GOM_NL__2PRFIN20081128_121948_000000512074_00152_35276_3888.N1	28-NOV-2008 12:19:48	Bright	50.500	174	52Psi UMa	3.0040	4400.0	101	35276	No
105	GOM_NL__2PRFIN20081128_123031_000000652074_00152_35276_3889.N1	28-NOV-2008 12:30:31	Bright	65.000	96	68Del Leo	2.5600	9300.0	130	35276	No
106	GOM_NL__2PRFIN20081128_130146_000000552074_00153_35277_3905.N1	28-NOV-2008 13:01:46	Dark	54.500	70	Zet Pup	2.2460	39000.	109	35277	No
107	GOM_NL__2PRFIN20081128_130521_000000652074_00153_35277_3906.N1	28-NOV-2008 13:05:21	Dark	64.500	117	Pi Pup	2.7060	3800.0	129	35277	No
108	GOM_NL__2PRFIN20081128_130913_000000692074_00153_35277_3907.N1	28-NOV-2008 13:09:13	Dark	69.000	23	21Eps CMa	1.5020	26000.	138	35277	No
109	GOM_NL__2PRFIN20081128_131125_000000752074_00153_35277_3908.N1	28-NOV-2008 13:11:25	Straylight	74.500	179	24Omi2CMa	3.0320	24000.	149	35277	No
110	GOM_NL__2PRFIN20081128_131555_000000952074_00153_35277_3909.N1	28-NOV-2008 13:15:55	Straylight	95.000	1	9Alp CMa	-1.4400	11000.	190	35277	No
111	GOM_NL__2PRFIN20081128_131944_000000622074_00153_35277_3910.N1	28-NOV-2008 13:19:44	Straylight	61.500	7	19Bet Ori	0.10000	14000.	123	35277	No
112	GOM_NL__2PRFIN20081128_132256_000000672074_00153_35277_3911.N1	28-NOV-2008 13:22:56	Twilight	67.000	30	46Eps Ori	1.6940	30000.	134	35277	No
113	GOM_NL__2PRFIN20081128_132544_000000672074_00153_35277_3912.N1	28-NOV-2008 13:25:44	Twilight	66.500	27	24Gam Ori	1.6360	26000.	133	35277	No
114	GOM_NL__2PRFIN20081128_132745_000000842074_00153_35277_3913.N1	28-NOV-2008 13:27:45	Bright	84.000	14	58Alp Ori	0.87000	3000.0	168	35277	No
115	GOM_NL__2PRFIN20081128_133208_000000582074_00153_35277_3914.N1	28-NOV-2008 13:32:08	Bright	58.000	176	23Zet Tau	3.0200	22000.	116	35277	No
116	GOM_NL__2PRFIN20081128_133819_000000502074_00153_35277_3915.N1	28-NOV-2008 13:38:19	Bright	50.000	6	13Alp Aur	0.080000	3400.0	100	35277	No
117	GOM_NL__2PRFIN20081128_134018_000000532074_00153_35277_3916.N1	28-NOV-2008 13:40:18	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	35277	No
118	GOM_NL__2PRFIN20081128_140024_000000502074_00153_35277_3917.N1	28-NOV-2008 14:00:24	Bright	50.000	174	52Psi UMa	3.0040	4400.0	100	35277	No
119	GOM_NL__2PRFIN20081128_141108_000000662074_00153_35277_3918.N1	28-NOV-2008 14:11:08	Bright	65.500	96	68Del Leo	2.5600	9300.0	131	35277	No
120	GOM_NL__2PRFIN20081128_144223_000000562074_00154_35278_3929.N1	28-NOV-2008 14:42:23	Dark	55.500	70	Zet Pup	2.2460	39000.	111	35278	No
121	GOM_NL__2PRFIN20081128_144557_000000592074_00154_35278_3930.N1	28-NOV-2008 14:45:57	Dark	59.000	117	Pi Pup	2.7060	3800.0	118	35278	No
122	GOM_NL__2PRFIN20081128_144950_000000672074_00154_35278_3931.N1	28-NOV-2008 14:49:50	Dark	67.000	23	21Eps CMa	1.5020	26000.	134	35278	No
123	GOM_NL__2PRFIN20081128_145201_000000782074_00154_35278_3932.N1	28-NOV-2008 14:52:01	Straylight	77.500	179	24Omi2CMa	3.0320	24000.	155	35278	No
124	GOM_NL__2PRFIN20081128_145631_000000972074_00154_35278_3933.N1	28-NOV-2008 14:56:31	Straylight	96.500	1	9Alp CMa	-1.4400	11000.	193	35278	No
125	GOM_NL__2PRFIN20081128_150020_000000692074_00154_35278_3934.N1	28-NOV-2008 15:00:20	Straylight	69.000	7	19Bet Ori	0.10000	14000.	138	35278	No
126	GOM_NL__2PRFIN20081128_150332_000000612074_00154_35278_3935.N1	28-NOV-2008 15:03:32	Twilight	61.000	30	46Eps Ori	1.6940	30000.	122	35278	No
127	GOM_NL__2PRFIN20081128_150620_000000622074_00154_35278_3936.N1	28-NOV-2008 15:06:20	Twilight	62.000	27	24Gam Ori	1.6360	26000.	124	35278	No
128	GOM_NL__2PRFIN20081128_150819_000000842074_00154_35278_3937.N1	28-NOV-2008 15:08:19	Bright	84.000	14	58Alp Ori	0.87000	3000.0	168	35278	No
129	GOM_NL__2PRFIN20081128_151243_000000592074_00154_35278_3938.N1	28-NOV-2008 15:12:43	Bright	58.500	176	23Zet Tau	3.0200	22000.	117	35278	No
130	GOM_NL__2PRFIN20081128_151854_000000492074_00154_35278_3939.N1	28-NOV-2008 15:18:54	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	35278	No
131	GOM_NL__2PRFIN20081128_152053_000000512074_00154_35278_3940.N1	28-NOV-2008 15:20:53	Bright	51.000	42	34Bet Aur	1.9000	10200.	102	35278	No
132	GOM_NL__2PRFIN20081128_154100_000000512074_00154_35278_3941.N1	28-NOV-2008 15:41:00	Bright	51.000	174	52Psi UMa	3.0040	4400.0	102	35278	No
133	GOM_NL__2PRFIN20081128_155144_000000662074_00154_35278_3942.N1	28-NOV-2008 15:51:44	Bright	65.500	96	68Del Leo	2.5600	9300.0	131	35278	No
134	GOM_NL__2PRFIN20081128_180157_000000492074_00156_35280_3997.N1	28-NOV-2008 18:01:57	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	35280	No
135	GOM_NL__2PRFIN20081128_180337_000000542074_00156_35280_3998.N1	28-NOV-2008 18:03:37	Dark	54.000	70	Zet Pup	2.2460	39000.	108	35280	No
136	GOM_NL__2PRFIN20081128_180711_000000692074_00156_35280_3999.N1	28-NOV-2008 18:07:11	Dark	69.000	117	Pi Pup	2.7060	3800.0	138	35280	No
137	GOM_NL__2PRFIN20081128_181103_000000702074_00156_35280_4000.N1	28-NOV-2008 18:11:03	Dark	69.500	23	21Eps CMa	1.5020	26000.	139	35280	No
138	GOM_NL__2PRFIN20081128_181749_000000562074_00156_35280_4001.N1	28-NOV-2008 18:17:49	Straylight	55.500	101	11Alp Lep	2.5820	7000.0	111	35280	No
139	GOM_NL__2PRFIN20081128_182132_000000622074_00156_35280_4002.N1	28-NOV-2008 18:21:32	Straylight	61.500	7	19Bet Ori	0.10000	14000.	123	35280	No
140	GOM_NL__2PRFIN20081128_182443_000000502074_00156_35280_4003.N1	28-NOV-2008 18:24:43	Twilight	50.000	30	46Eps Ori	1.6940	30000.	100	35280	No
141	GOM_NL__2PRFIN20081128_182730_000000642074_00156_35280_4004.N1	28-NOV-2008 18:27:30	Twilight	64.000	27	24Gam Ori	1.6360	26000.	128	35280	No
142	GOM_NL__2PRFIN20081128_182940_000000532074_00156_35280_4005.N1	28-NOV-2008 18:29:40	Bright	52.500	13	87Alp Tau	0.86700	3800.0	105	35280	No
143	GOM_NL__2PRFIN20081128_183111_000000402074_00156_35280_4006.N1	28-NOV-2008 18:31:11	Bright	40.000	146	25Eta Tau	2.8730	15200.	80	35280	No
144	GOM_NL__2PRFIN20081128_183335_000000392074_00156_35280_4007.N1	28-NOV-2008 18:33:35	Bright	38.500	150	44Zet Per	2.8900	28000.	77	35280	No
145	GOM_NL__2PRFIN20081128_183602_000000382074_00156_35280_4008.N1	28-NOV-2008 18:36:02	Bright	38.000	149	45Eps Per	2.8880	30000.	76	35280	No
146	GOM_NL__2PRFIN20081128_184005_000000492074_00156_35280_4009.N1	28-NOV-2008 18:40:05	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	35280	No
147	GOM_NL__2PRFIN20081128_184203_000000532074_00156_35280_4010.N1	28-NOV-2008 18:42:03	Bright	52.500	42	34Bet Aur	1.9000	10200.	105	35280	No
148	GOM_NL__2PRFIN20081128_185608_000000462074_00156_35280_4011.N1	28-NOV-2008 18:56:08	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	35280	No
149	GOM_NL__2PRFIN20081128_185745_000000662074_00156_35280_4012.N1	28-NOV-2008 18:57:45	Bright	66.000	82	48Bet UMa	2.3650	10600.	132	35280	No
150	GOM_NL__2PRFIN20081128_185929_000000432074_00156_35280_4013.N1	28-NOV-2008 18:59:29	Bright	42.500	87	64Gam UMa	2.4330	11000.	85	35280	No
151	GOM_NL__2PRFIN20081128_190211_000000512074_00156_35280_4014.N1	28-NOV-2008 19:02:11	Bright	50.500	174	52Psi UMa	3.0040	4400.0	101	35280	No
152	GOM_NL__2PRFIN20081128_190443_000000392074_00156_35280_4015.N1	28-NOV-2008 19:04:43	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	35280	No
153	GOM_NL__2PRFIN20081128_191401_000000532074_00156_35280_4016.N1	28-NOV-2008 19:14:01	Bright	53.000	62	94Bet Leo	2.1360	9700.0	106	35280	No
154	GOM_NL__2PRFIN20081128_191721_000000402074_00156_35280_4017.N1	28-NOV-2008 19:17:21	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	35280	No
155	GOM_NL__2PRFIN20081128_192255_000000442074_00156_35280_4018.N1	28-NOV-2008 19:22:55	Twilight	43.500	100	4Gam Crv	2.5800	13100.	87	35280	No
156	GOM_NL__2PRFIN20081128_192430_000000462074_00156_35280_4019.N1	28-NOV-2008 19:24:30	Dark	45.500	171	2Eps Crv	3.0010	4250.0	91	35280	No
157	GOM_NL__2PRFIN20081128_194234_000000482074_00157_35281_4024.N1	28-NOV-2008 19:42:34	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	35281	No
158	GOM_NL__2PRFIN20081128_194414_000000552074_00157_35281_4025.N1	28-NOV-2008 19:44:14	Dark	54.500	70	Zet Pup	2.2460	39000.	109	35281	No
159	GOM_NL__2PRFIN20081128_194748_000000662074_00157_35281_4026.N1	28-NOV-2008 19:47:48	Dark	65.500	117	Pi Pup	2.7060	3800.0	131	35281	No
160	GOM_NL__2PRFIN20081128_195140_000000682074_00157_35281_4027.N1	28-NOV-2008 19:51:40	Dark	67.500	23	21Eps CMa	1.5020	26000.	135	35281	No

161	GOM_NL__2PRFIN20081128_195825_000000552074_00157_35281_4028.N1	28-NOV-2008 19:58:25	Straylight	55.000	101	11Alp Lep	2.5820	7000.0	110	35281	No
162	GOM_NL__2PRFIN20081128_200208_000000622074_00157_35281_4029.N1	28-NOV-2008 20:02:08	Straylight	62.000	7	19Bet Ori	0.10000	14000.	124	35281	No
163	GOM_NL__2PRFIN20081128_200518_000000502074_00157_35281_4030.N1	28-NOV-2008 20:05:18	Tw_i_and_stray	50.000	30	46Eps Ori	1.6940	30000.	100	35281	No
164	GOM_NL__2PRFIN20081128_200806_000000642074_00157_35281_4031.N1	28-NOV-2008 20:08:06	Tw_i_and_stray	64.000	27	24Gam Ori	1.6360	26000.	128	35281	No
165	GOM_NL__2PRFIN20081128_201016_000000552074_00157_35281_4032.N1	28-NOV-2008 20:10:16	Bright	55.000	13	87Alp Tau	0.86700	3800.0	110	35281	No
166	GOM_NL__2PRFIN20081128_201146_000000382074_00157_35281_4033.N1	28-NOV-2008 20:11:46	Bright	38.000	146	25Eta Tau	2.8730	15200.	76	35281	No
167	GOM_NL__2PRFIN20081128_201411_000000382074_00157_35281_4034.N1	28-NOV-2008 20:14:11	Bright	38.000	150	44Zet Per	2.8900	28000.	76	35281	No
168	GOM_NL__2PRFIN20081128_201637_000000392074_00157_35281_4035.N1	28-NOV-2008 20:16:37	Bright	38.500	149	45Eps Per	2.8880	30000.	77	35281	No
169	GOM_NL__2PRFIN20081128_202040_000000492074_00157_35281_4036.N1	28-NOV-2008 20:20:40	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	35281	No
170	GOM_NL__2PRFIN20081128_202238_000000522074_00157_35281_4037.N1	28-NOV-2008 20:22:38	Bright	51.500	42	34Bet Aur	1.9000	10200.	103	35281	No
171	GOM_NL__2PRFIN20081128_203644_000000452074_00157_35281_4038.N1	28-NOV-2008 20:36:44	Bright	44.500	36	50Alp UMa	1.8000	6300.0	89	35281	No
172	GOM_NL__2PRFIN20081128_203821_000000462074_00157_35281_4039.N1	28-NOV-2008 20:38:21	Bright	46.000	82	48Bet UMa	2.3650	10600.	92	35281	No
173	GOM_NL__2PRFIN20081128_204004_000000432074_00157_35281_4040.N1	28-NOV-2008 20:40:04	Bright	42.500	87	64Gam UMa	2.4330	11000.	85	35281	No
174	GOM_NL__2PRFIN20081128_204247_000000512074_00157_35281_4041.N1	28-NOV-2008 20:42:47	Bright	50.500	174	52Psi UMa	3.0040	4400.0	101	35281	No
175	GOM_NL__2PRFIN20081128_204519_000000382074_00157_35281_4042.N1	28-NOV-2008 20:45:19	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	35281	No
176	GOM_NL__2PRFIN20081128_205437_000000522074_00157_35281_4043.N1	28-NOV-2008 20:54:37	Bright	52.000	62	94Bet Leo	2.1360	9700.0	104	35281	No
177	GOM_NL__2PRFIN20081128_205758_000000472074_00157_35281_4044.N1	28-NOV-2008 20:57:58	Bright	46.500	121	29Gam Vir	2.7400	7200.0	93	35281	No
178	GOM_NL__2PRFIN20081128_210332_000000422074_00157_35281_4045.N1	28-NOV-2008 21:03:32	Twilight	42.000	100	4Gam Crv	2.5800	13100.	84	35281	No
179	GOM_NL__2PRFIN20081128_210507_000000482074_00157_35281_4046.N1	28-NOV-2008 21:05:07	Dark	48.000	171	2Eps Crv	3.0010	4250.0	96	35281	No
180	GOM_NL__2PRFIN20081128_212310_000000472074_00158_35282_4051.N1	28-NOV-2008 21:23:10	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	35282	No
181	GOM_NL__2PRFIN20081128_212451_000000532074_00158_35282_4052.N1	28-NOV-2008 21:24:51	Dark	53.000	70	Zet Pup	2.2460	39000.	106	35282	No
182	GOM_NL__2PRFIN20081128_212825_000000622074_00158_35282_4053.N1	28-NOV-2008 21:28:25	Dark	62.000	117	Pi Pup	2.7060	3800.0	124	35282	No
183	GOM_NL__2PRFIN20081128_213217_000000672074_00158_35282_4054.N1	28-NOV-2008 21:32:17	Dark	66.500	23	21Eps CMa	1.5020	26000.	133	35282	No
184	GOM_NL__2PRFIN20081128_213901_000000552074_00158_35282_4055.N1	28-NOV-2008 21:39:01	Straylight	54.500	101	11Alp Lep	2.5820	7000.0	109	35282	No
185	GOM_NL__2PRFIN20081128_214244_000000652074_00158_35282_4056.N1	28-NOV-2008 21:42:44	Straylight	65.000	7	19Bet Ori	0.10000	14000.	130	35282	No
186	GOM_NL__2PRFIN20081128_214554_000000562074_00158_35282_4057.N1	28-NOV-2008 21:45:54	Tw_i_and_stray	56.000	30	46Eps Ori	1.6940	30000.	112	35282	No
187	GOM_NL__2PRFIN20081128_214841_000000652074_00158_35282_4058.N1	28-NOV-2008 21:48:41	Tw_i_and_stray	64.500	27	24Gam Ori	1.6360	26000.	129	35282	No
188	GOM_NL__2PRFIN20081128_215051_000000572074_00158_35282_4059.N1	28-NOV-2008 21:50:51	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	35282	No
189	GOM_NL__2PRFIN20081128_215222_000000382074_00158_35282_4060.N1	28-NOV-2008 21:52:22	Bright	37.500	146	25Eta Tau	2.8730	15200.	75	35282	No
190	GOM_NL__2PRFIN20081128_215446_000000392074_00158_35282_4061.N1	28-NOV-2008 21:54:46	Bright	39.000	150	44Zet Per	2.8900	28000.	78	35282	No
191	GOM_NL__2PRFIN20081128_215713_000000392074_00158_35282_4062.N1	28-NOV-2008 21:57:13	Bright	38.500	149	45Eps Per	2.8880	30000.	77	35282	No
192	GOM_NL__2PRFIN20081128_220115_000000482074_00158_35282_4063.N1	28-NOV-2008 22:01:15	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	35282	No
193	GOM_NL__2PRFIN20081128_220313_000000532074_00158_35282_4064.N1	28-NOV-2008 22:03:13	Bright	52.500	42	34Bet Aur	1.9000	10200.	105	35282	No
194	GOM_NL__2PRFIN20081128_221719_000000402074_00158_35282_4065.N1	28-NOV-2008 22:17:19	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	35282	No
195	GOM_NL__2PRFIN20081128_221856_000000662074_00158_35282_4066.N1	28-NOV-2008 22:18:56	Bright	66.000	82	48Bet UMa	2.3650	10600.	132	35282	No
196	GOM_NL__2PRFIN20081128_222040_000000412074_00158_35282_4067.N1	28-NOV-2008 22:20:40	Bright	41.000	87	64Gam UMa	2.4330	11000.	82	35282	No
197	GOM_NL__2PRFIN20081128_222323_000000532074_00158_35282_4068.N1	28-NOV-2008 22:23:23	Bright	52.500	174	52Psi UMa	3.0040	4400.0	105	35282	No
198	GOM_NL__2PRFIN20081128_222555_000000382074_00158_35282_4069.N1	28-NOV-2008 22:25:55	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	35282	No
199	GOM_NL__2PRFIN20081128_223514_000000582074_00158_35282_4070.N1	28-NOV-2008 22:35:14	Bright	57.500	62	94Bet Leo	2.1360	9700.0	115	35282	No
200	GOM_NL__2PRFIN20081128_223834_000000402074_00158_35282_4071.N1	28-NOV-2008 22:38:34	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	35282	No
201	GOM_NL__2PRFIN20081128_224409_000000452074_00158_35282_4072.N1	28-NOV-2008 22:44:09	Twilight	45.000	100	4Gam Crv	2.5800	13100.	90	35282	No
202	GOM_NL__2PRFIN20081128_224544_000000462074_00158_35282_4073.N1	28-NOV-2008 22:45:44	Dark	45.500	171	2Eps Crv	3.0010	4250.0	91	35282	No
203	GOM_NL__2PRFIN20081128_230347_000000492074_00159_35283_4076.N1	28-NOV-2008 23:03:47	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	35283	No
204	GOM_NL__2PRFIN20081128_230528_000000572074_00159_35283_4077.N1	28-NOV-2008 23:05:28	Dark	57.000	70	Zet Pup	2.2460	39000.	114	35283	No
205	GOM_NL__2PRFIN20081128_230902_000000622074_00159_35283_4078.N1	28-NOV-2008 23:09:02	Dark	62.000	117	Pi Pup	2.7060	3800.0	124	35283	No
206	GOM_NL__2PRFIN20081128_231253_000000682074_00159_35283_4079.N1	28-NOV-2008 23:12:53	Dark	68.000	23	21Eps CMa	1.5020	26000.	136	35283	No
207	GOM_NL__2PRFIN20081128_231937_000000552074_00159_35283_4080.N1	28-NOV-2008 23:19:37	Straylight	54.500	101	11Alp Lep	2.5820	7000.0	109	35283	No
208	GOM_NL__2PRFIN20081128_232319_000000702074_00159_35283_4081.N1	28-NOV-2008 23:23:19	Straylight	69.500	7	19Bet Ori	0.10000	14000.	139	35283	No
209	GOM_NL__2PRFIN20081128_232629_000000562074_00159_35283_4082.N1	28-NOV-2008 23:26:29	Tw_i_and_stray	56.000	30	46Eps Ori	1.6940	30000.	112	35283	No
210	GOM_NL__2PRFIN20081128_232916_000000652074_00159_35283_4083.N1	28-NOV-2008 23:29:16	Tw_i_and_stray	64.500	27	24Gam Ori	1.6360	26000.	129	35283	No
211	GOM_NL__2PRFIN20081128_233126_000000552074_00159_35283_4084.N1	28-NOV-2008 23:31:26	Bright	55.000	13	87Alp Tau	0.86700	3800.0	110	35283	No
212	GOM_NL__2PRFIN20081128_233258_000000382074_00159_35283_4085.N1	28-NOV-2008 23:32:58	Bright	38.000	146	25Eta Tau	2.8730	15200.	76	35283	No
213	GOM_NL__2PRFIN20081128_233522_000000392074_00159_35283_4086.N1	28-NOV-2008 23:35:22	Bright	39.000	150	44Zet Per	2.8900	28000.	78	35283	No
214	GOM_NL__2PRFIN20081128_233748_000000502074_00159_35283_4087.N1	28-NOV-2008 23:37:48	Bright	50.000	149	45Eps Per	2.8880	30000.	100	35283	No
215	GOM_NL__2PRFIN20081128_234150_000000482074_00159_35283_4088.N1	28-NOV-2008 23:41:50	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	35283	No
216	GOM_NL__2PRFIN20081128_234348_000000482074_00159_35283_4089.N1	28-NOV-2008 23:43:48	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	35283	No
217	GOM_NL__2PRFIN20081128_235755_000000442074_00159_35283_4090.N1	28-NOV-2008 23:57:55	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	35283	No
218	GOM_NL__2PRFIN20081128_235932_000000452074_00159_35283_4091.N1	28-NOV-2008 23:59:32	Bright	44.500	82	48Bet UMa	2.3650	10600.	89	35283	No

3. Quality information per product

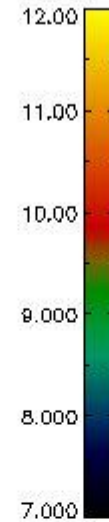
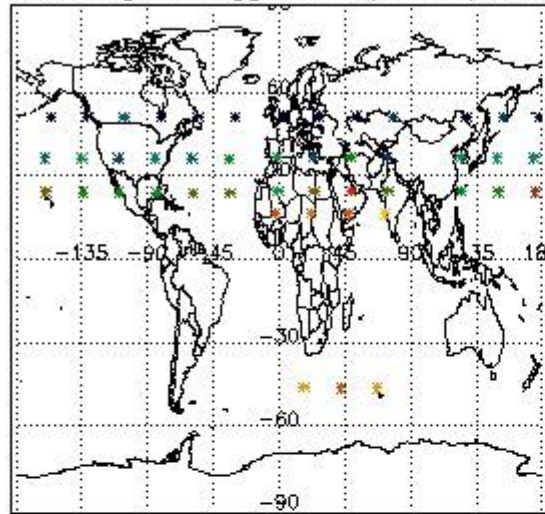
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

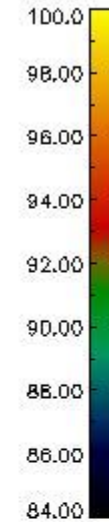
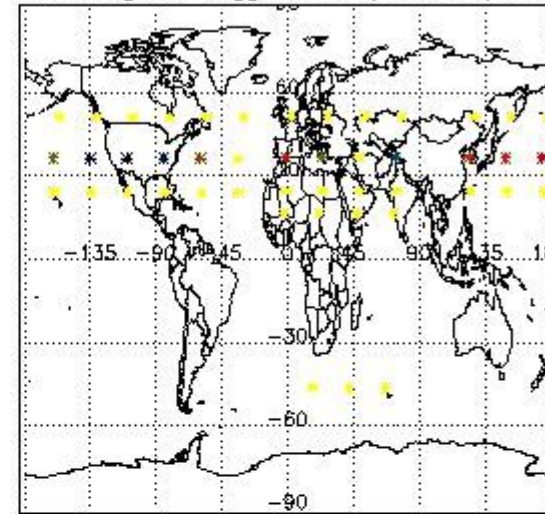


3.2 Plot quality information per product (world map)

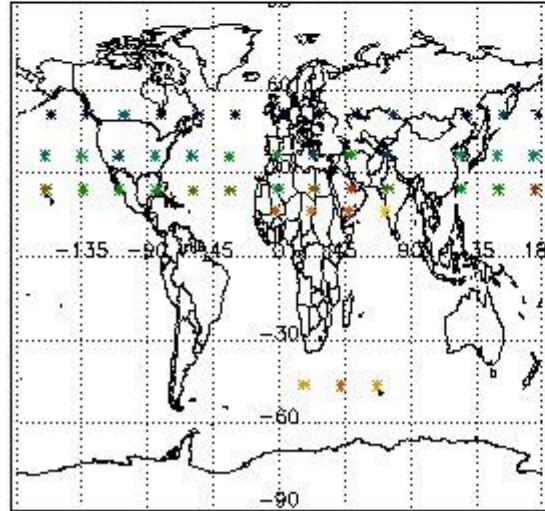
Percentage of flagged data per O3 profile



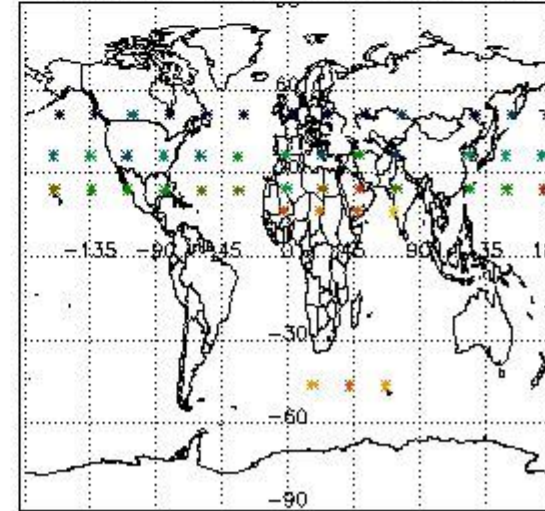
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

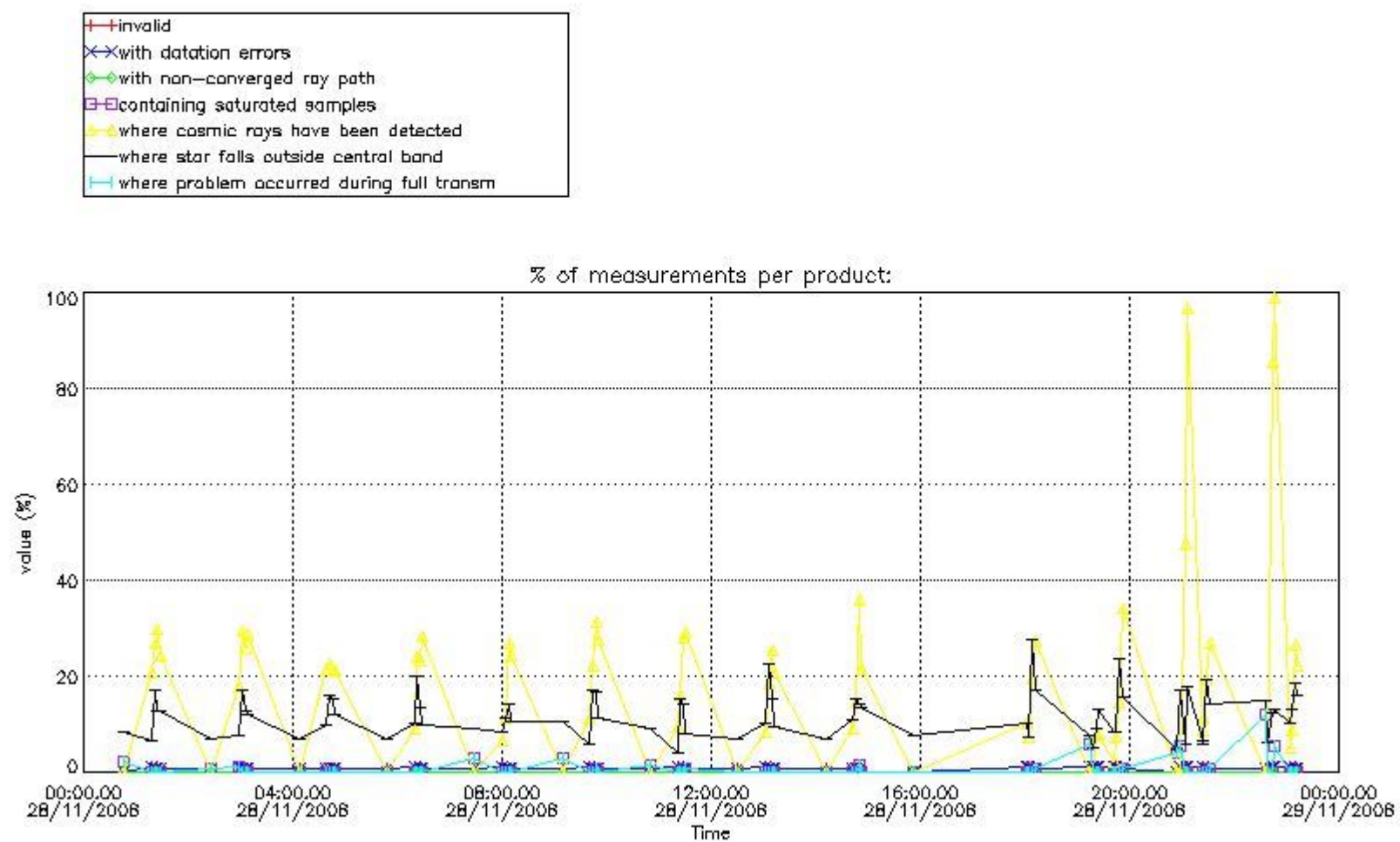


4. Level 1 quality information per product

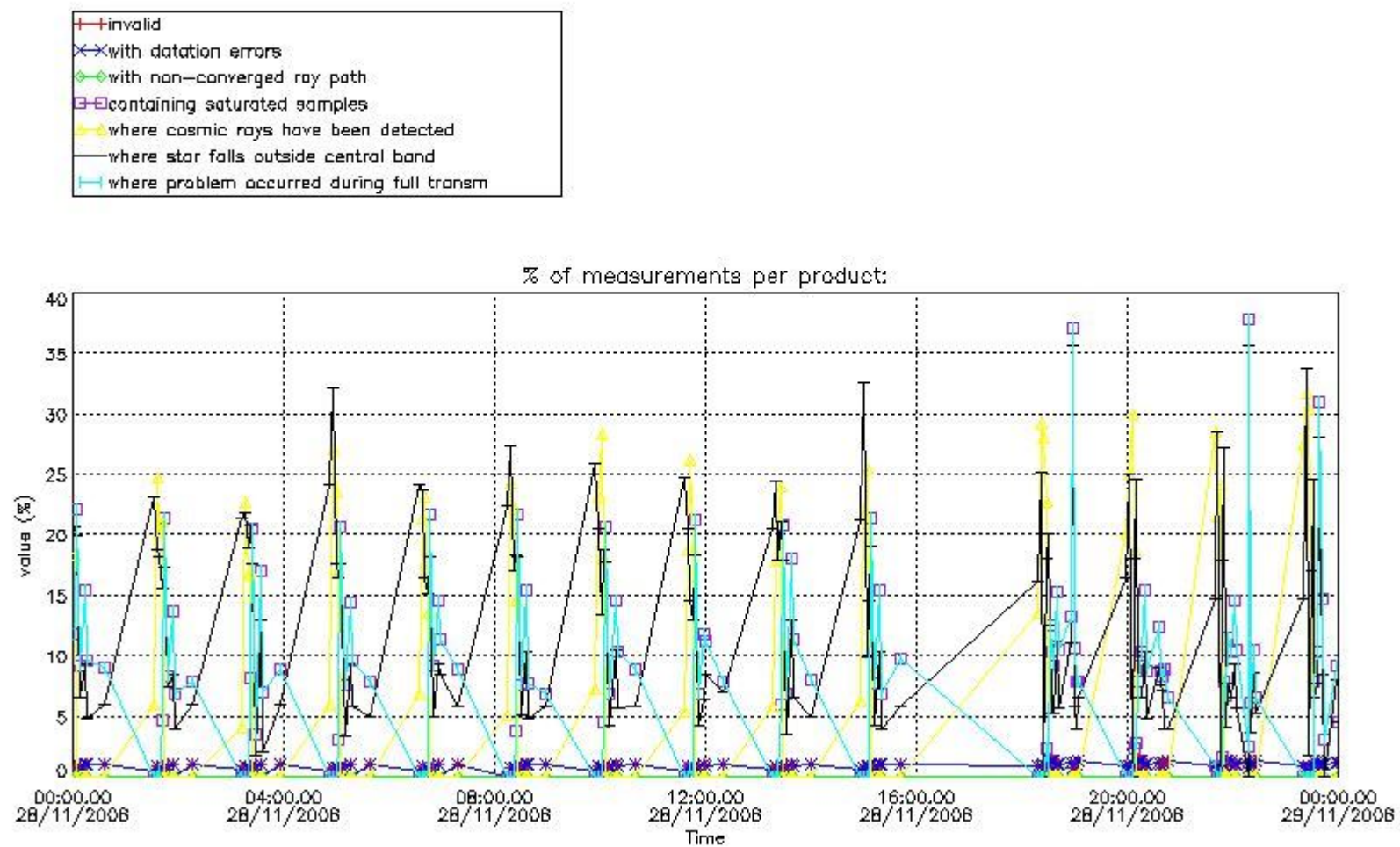
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



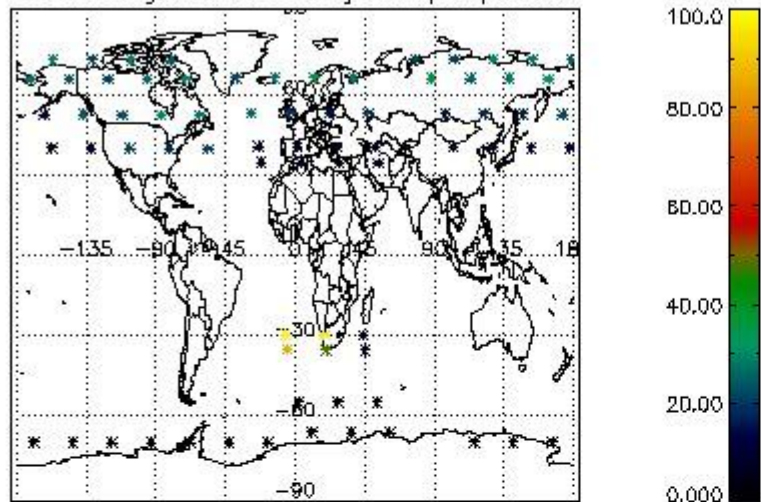
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



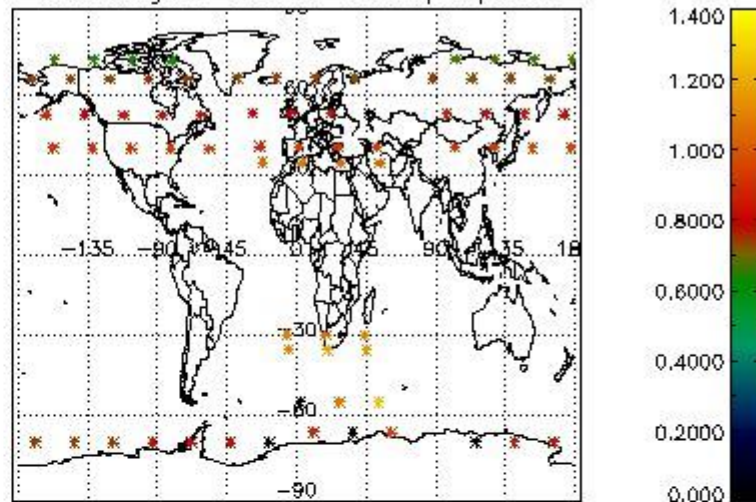
4.2 Plot quality information per product coming from level 1b processing (world map)

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

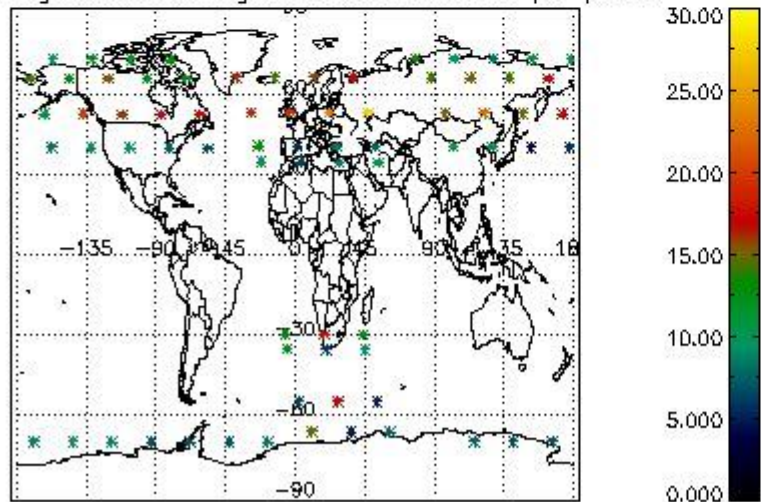
Percentage of cosmic ray hits per profile



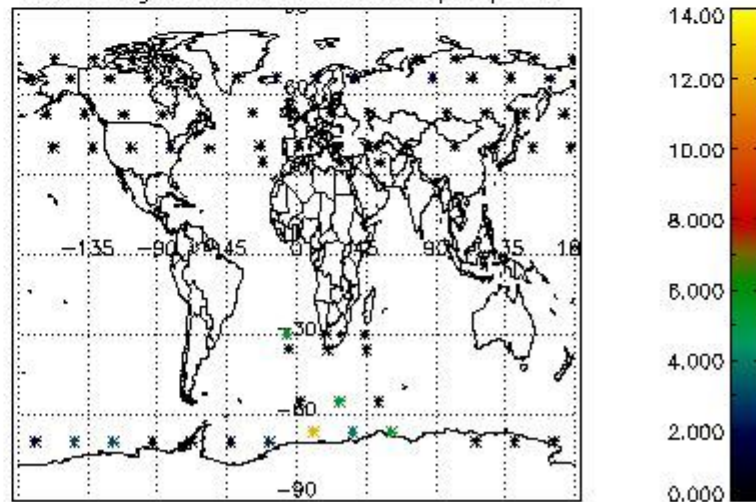
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

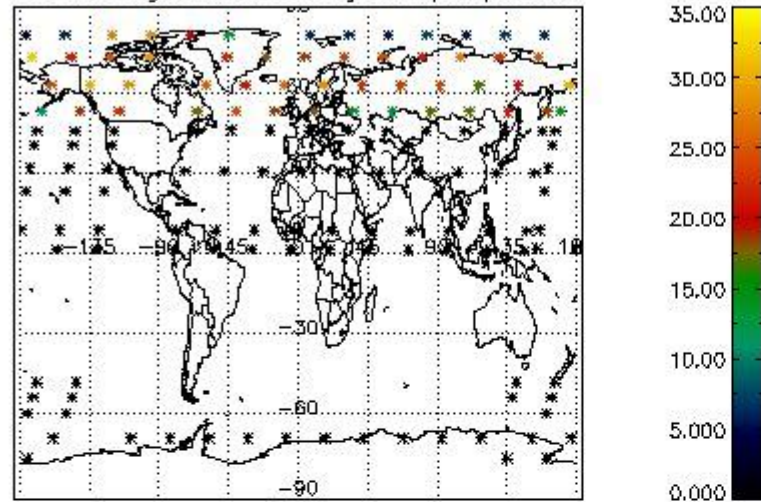


Percentage of saturation errors per profile

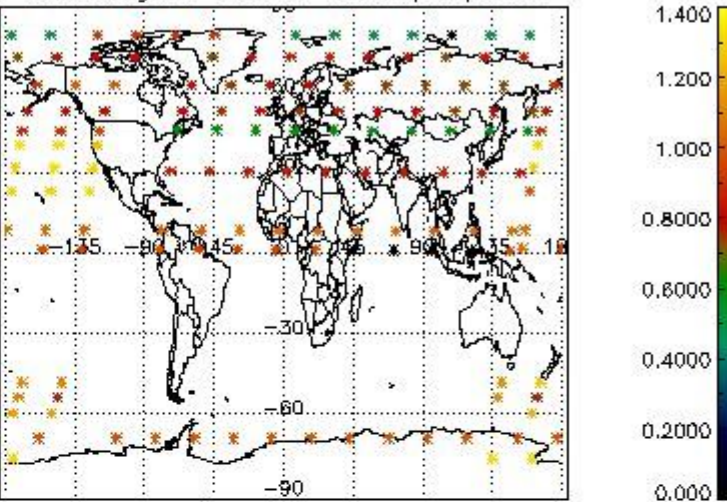


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

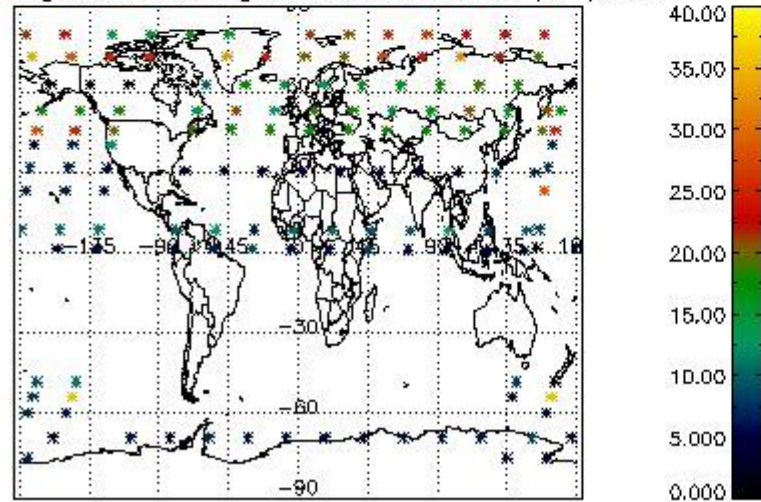
Percentage of cosmic ray hits per profile



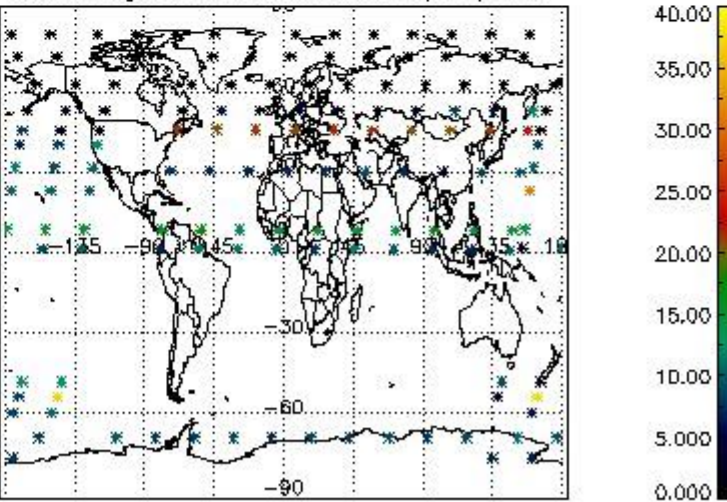
Percentage of datation errors per profile



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

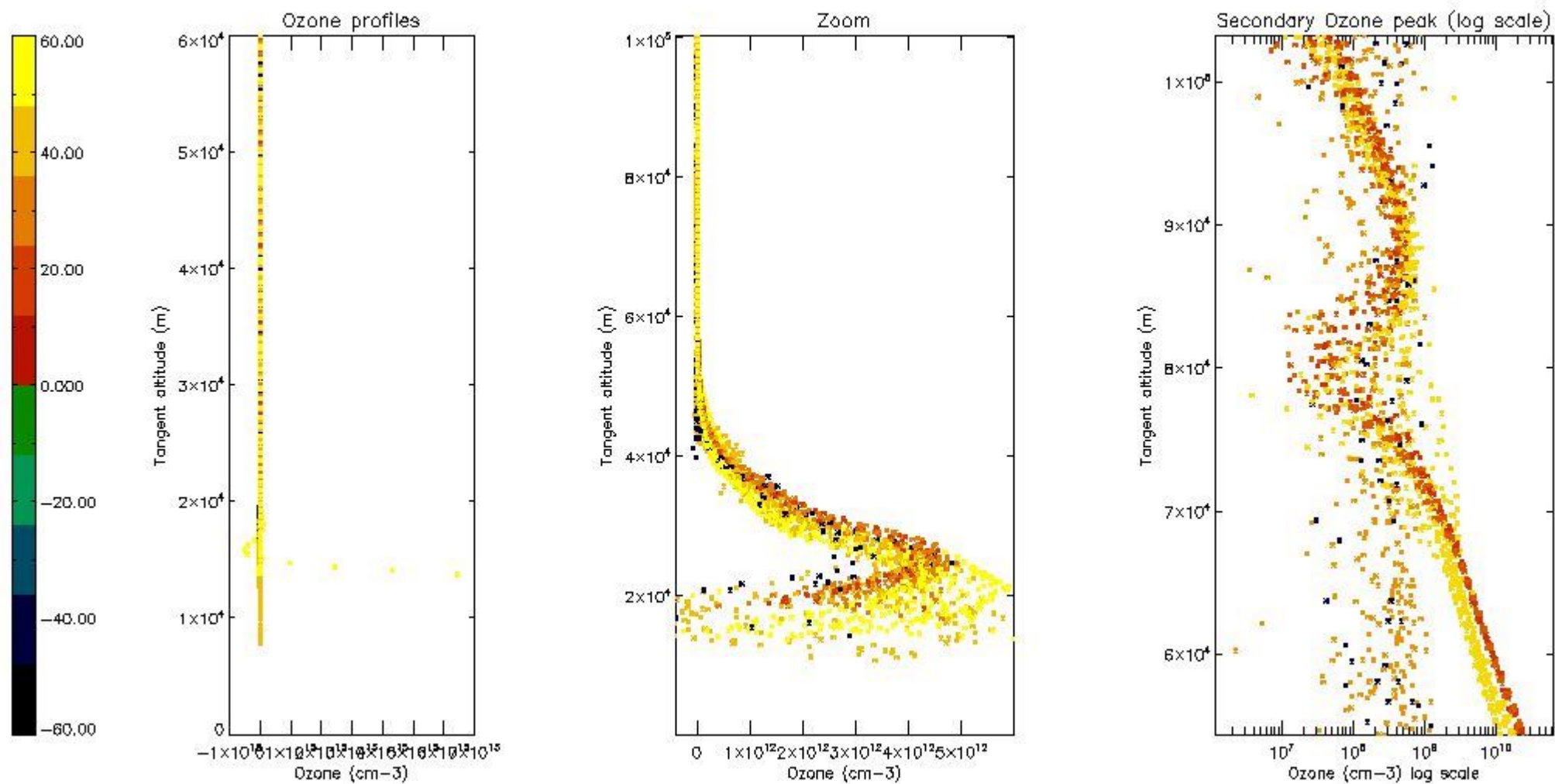
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	21
STD < 20	12

STD < 10	10
STD < 5	8

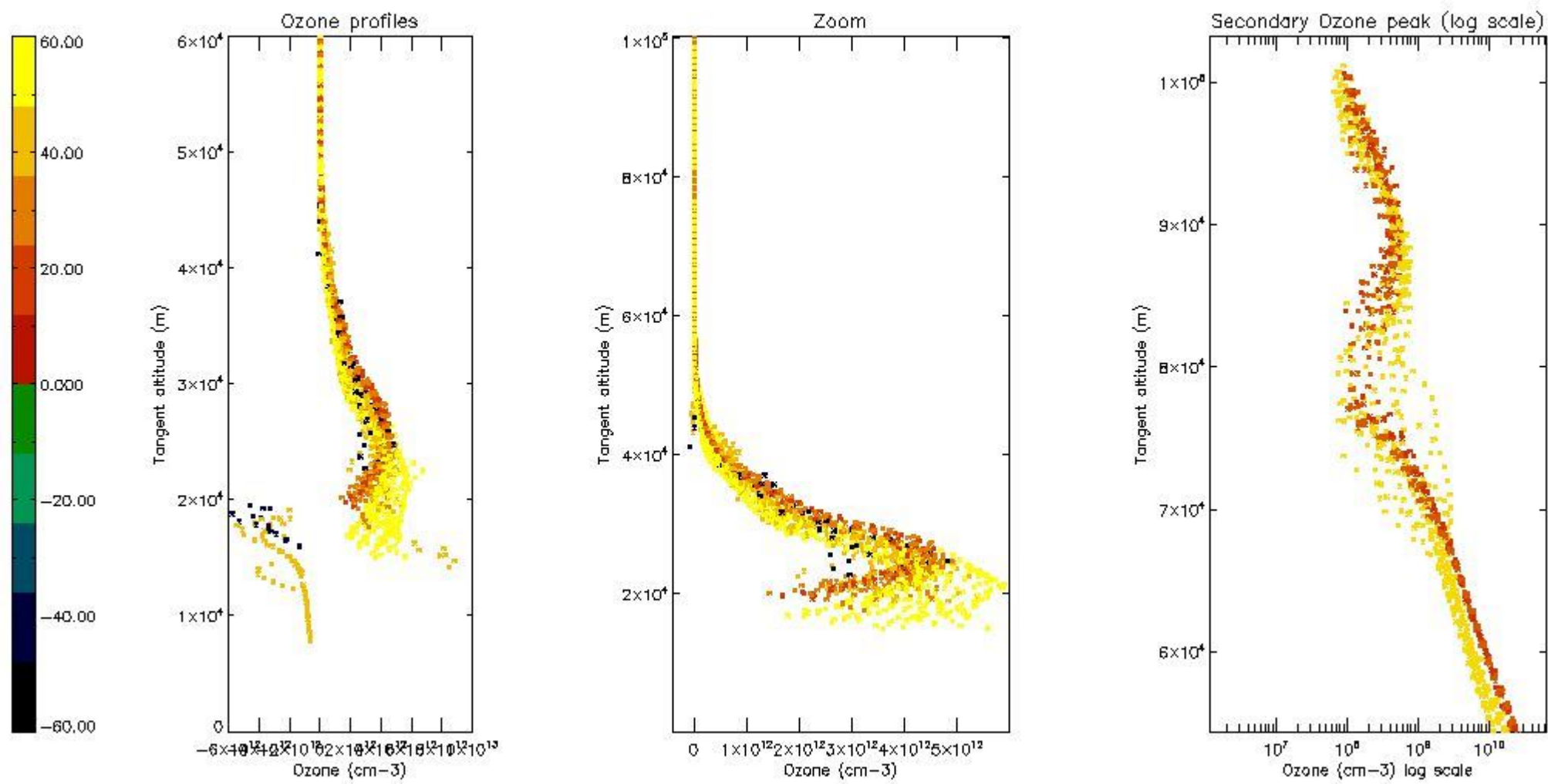
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



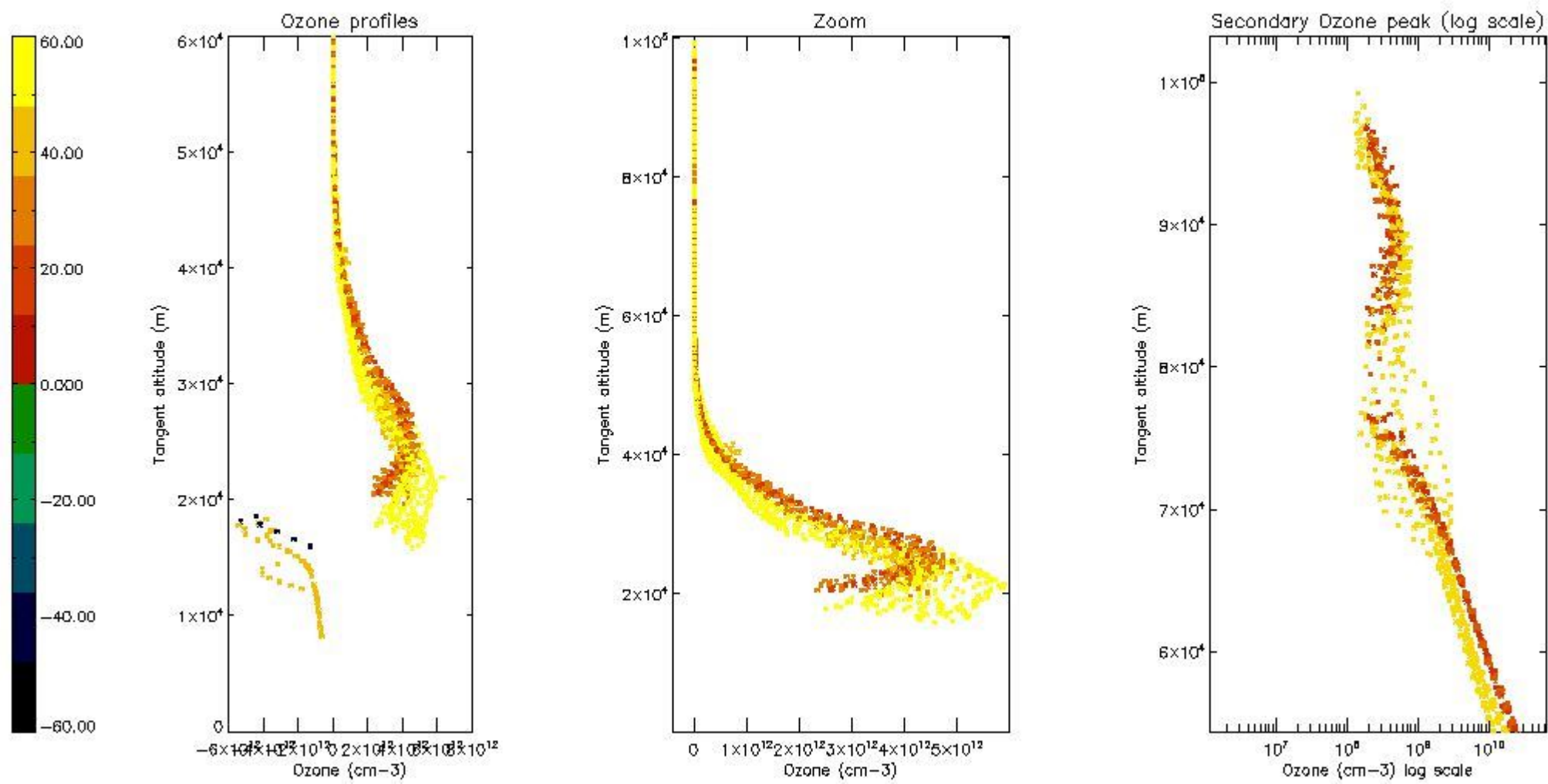
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



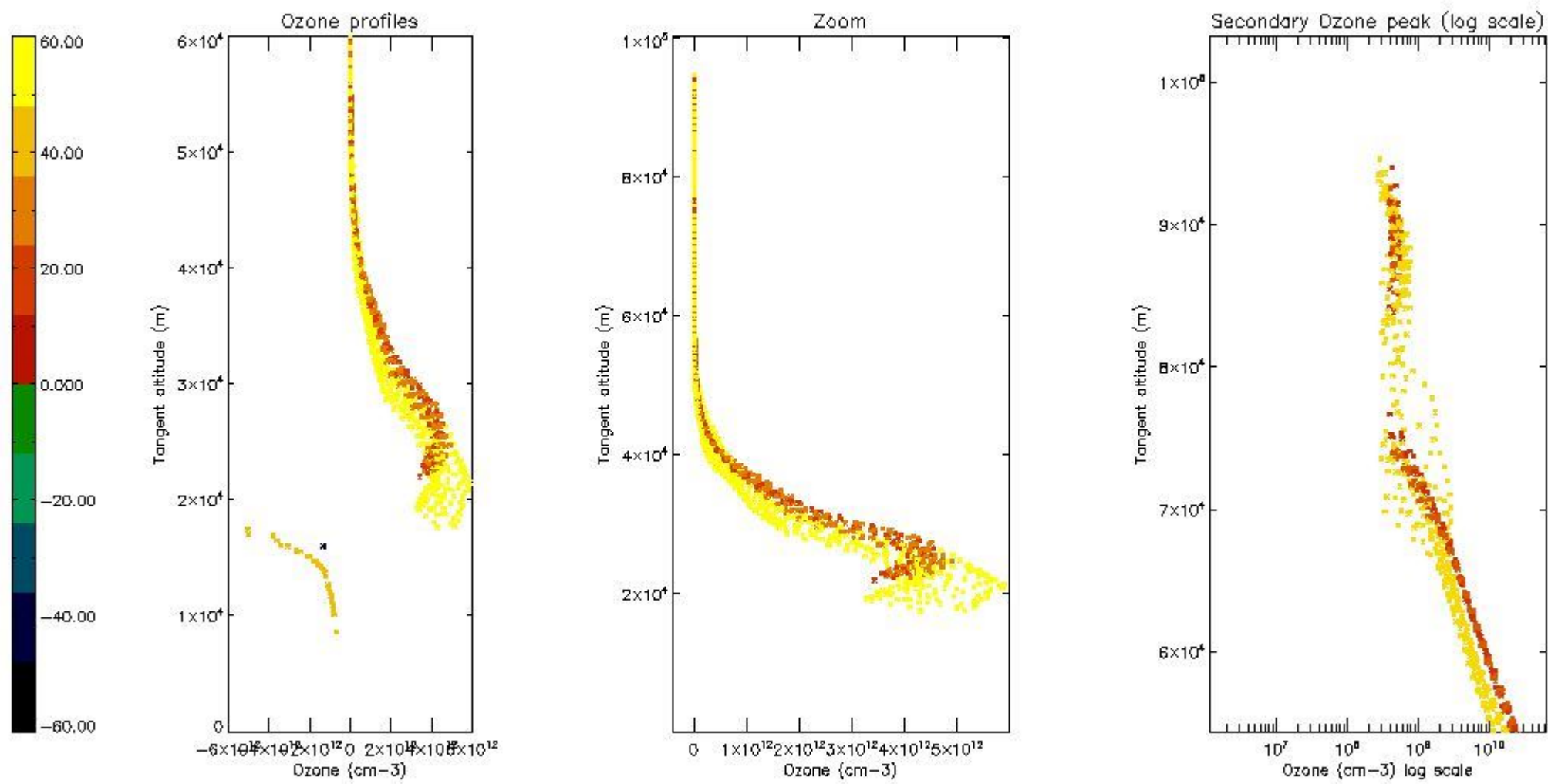
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



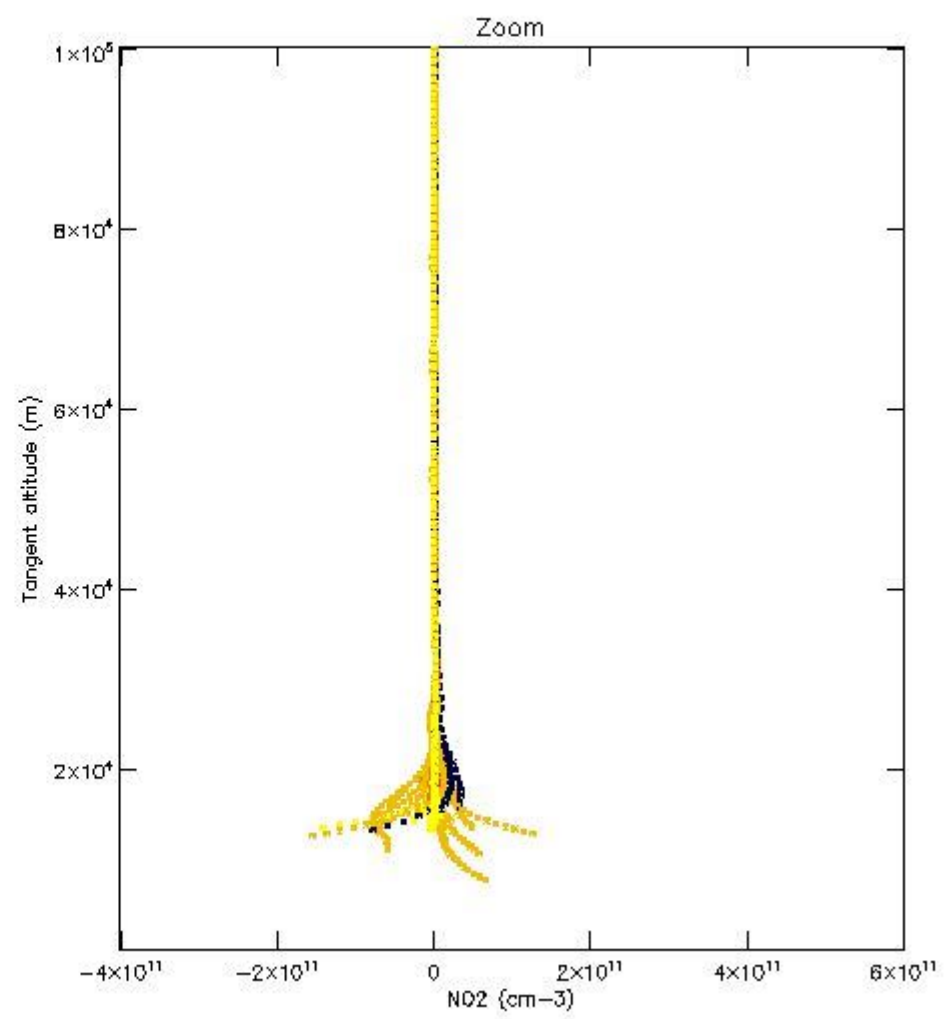
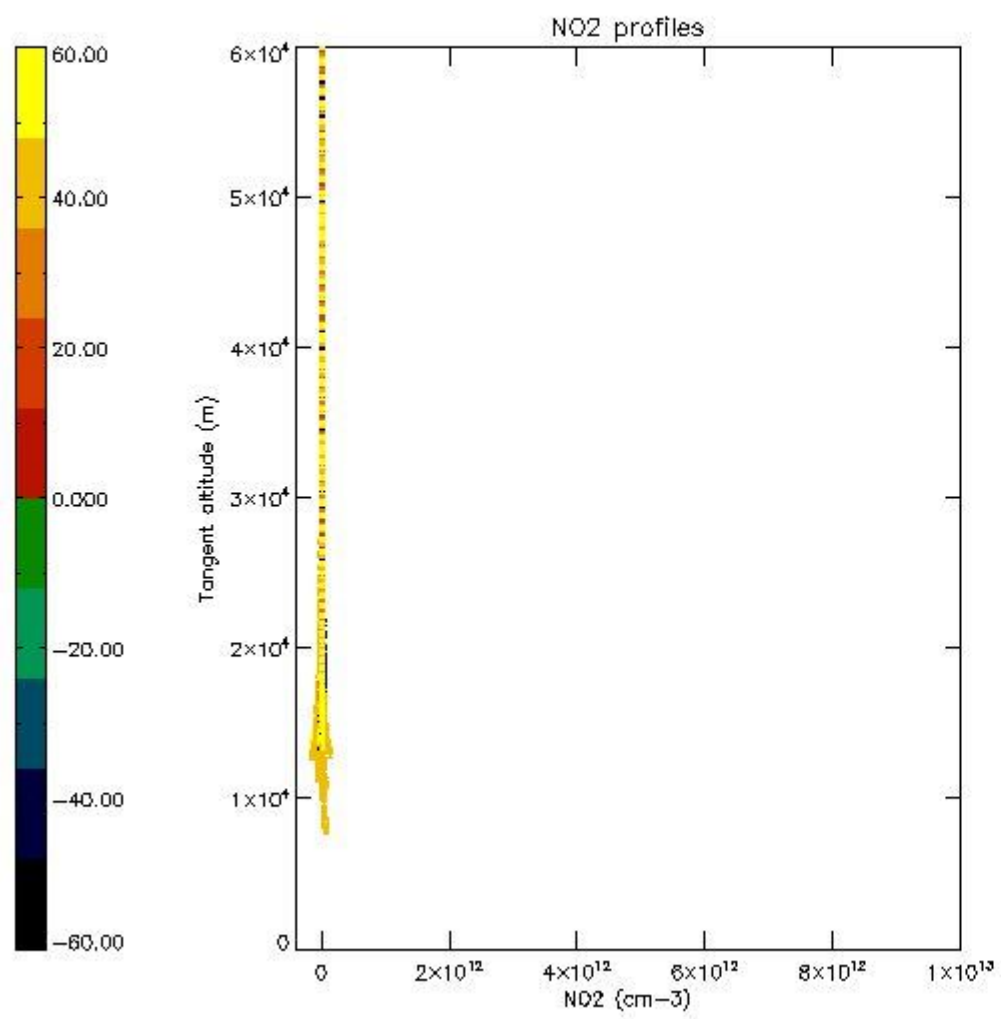
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



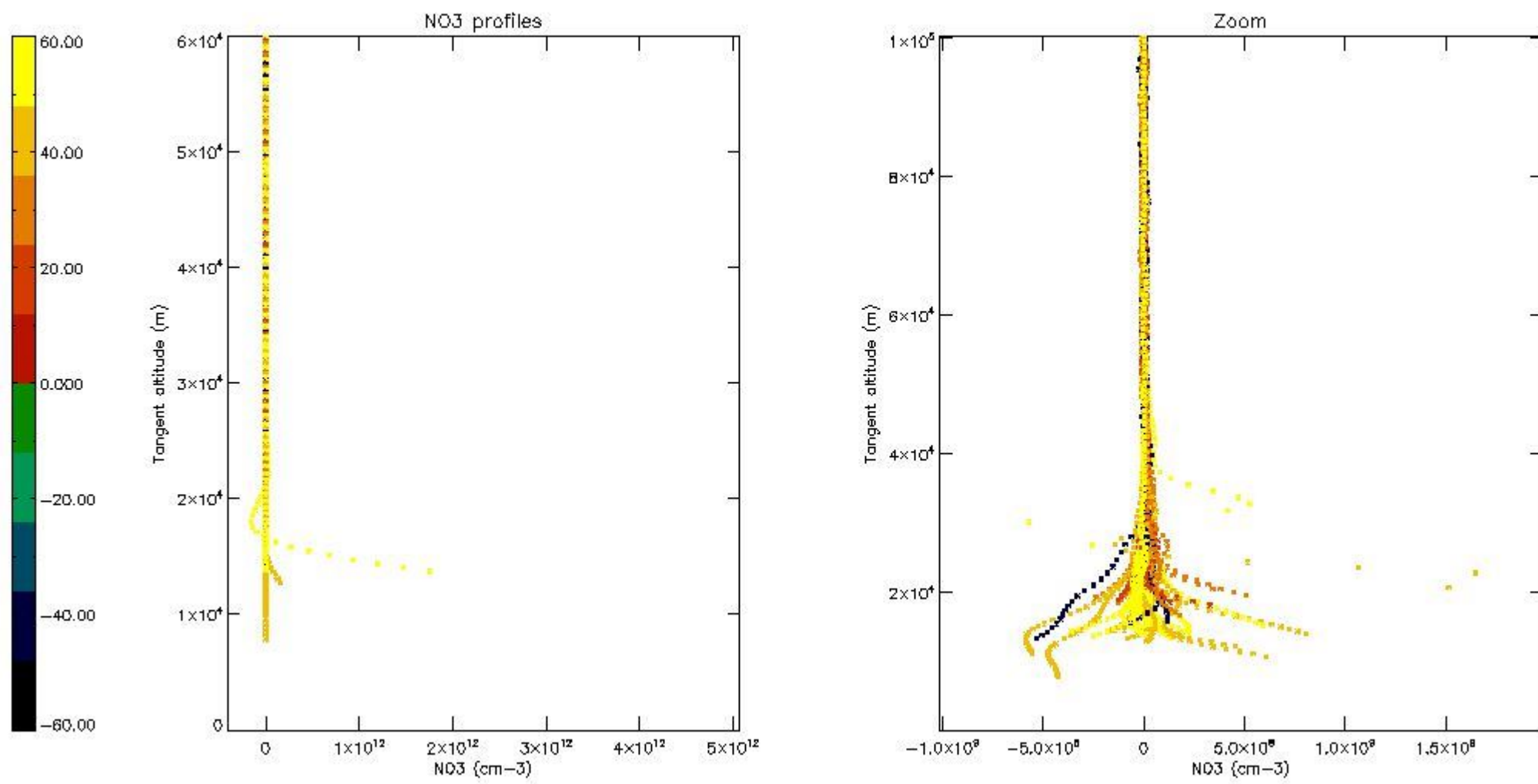
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



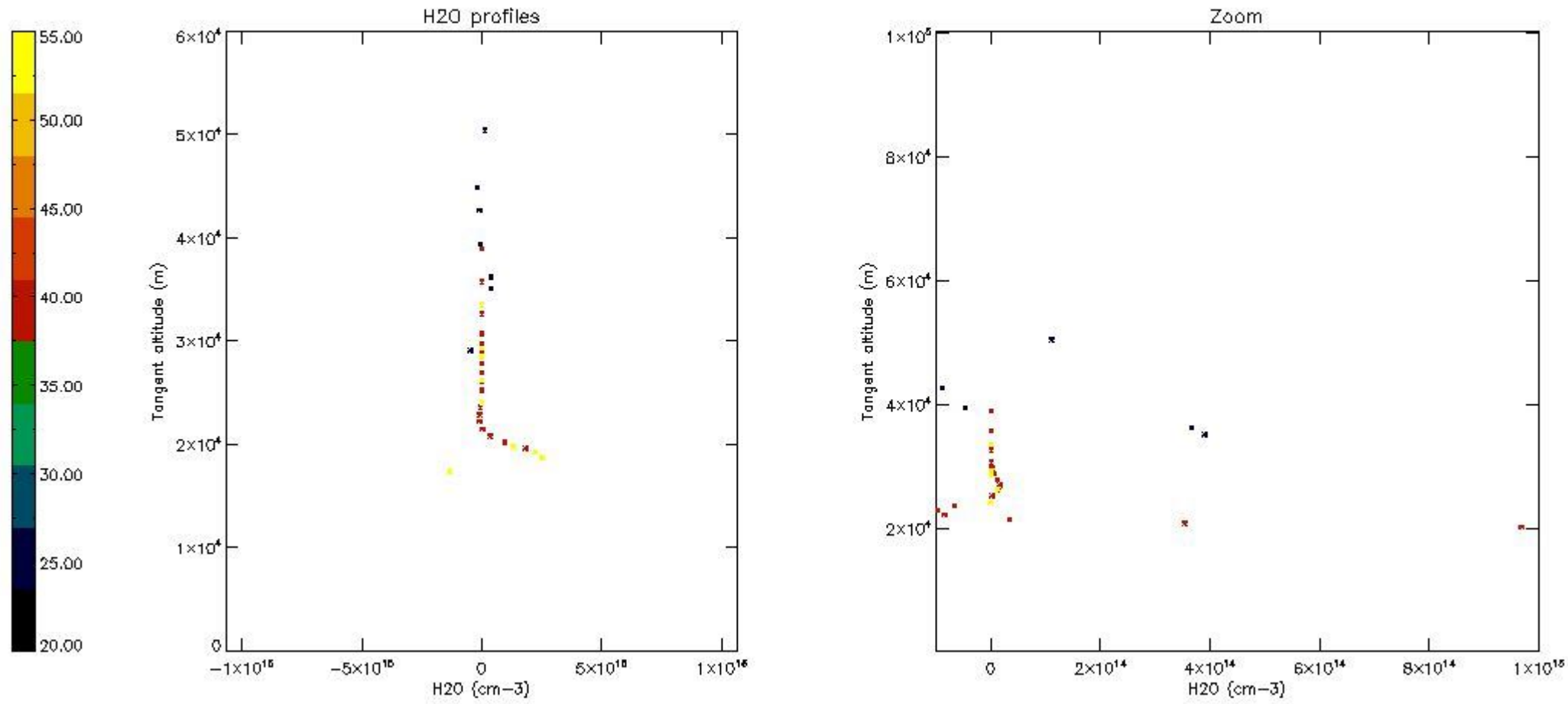
5.7 Plot NO3 profiles for all STD (dark without errors)

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	28-NOV-2008 00:01:02
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	28-NOV-2008 00:01:02
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	28-NOV-2008 00:01:02

GOMOS Level 2 Daily Report

SUMMARY

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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](#)

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

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[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	25APR2013 22:54:11
Data source version	GOMOS/6.01
Start time of products	28-11-2008 (28NOV2008 00:00:00)
Stop time of products	29-11-2008 (29NOV2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	218
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__2PRFIN20081128_000102_000000682074_00145_35269_3678.N1	28-NOV-2008 00:01:02	Bright	68.000	27	24Gam Ori	1.6360	26000.	136	35269	No
2	GOM_NL__2PRFIN20081128_000306_000000882074_00145_35269_3679.N1	28-NOV-2008 00:03:06	Bright	88.000	14	58Alp Ori	0.87000	3000.0	176	35269	No
3	GOM_NL__2PRFIN20081128_000730_000000612074_00145_35269_3680.N1	28-NOV-2008 00:07:30	Bright	60.500	176	23Zet Tau	3.0200	22000.	121	35269	No
4	GOM_NL__2PRFIN20081128_001337_000000492074_00145_35269_3681.N1	28-NOV-2008 00:13:37	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	35269	No
5	GOM_NL__2PRFIN20081128_001539_000000522074_00145_35269_3682.N1	28-NOV-2008 00:15:39	Bright	52.000	42	34Bet Aur	1.9000	10200.	104	35269	No
6	GOM_NL__2PRFIN20081128_003538_000000502074_00145_35269_3683.N1	28-NOV-2008 00:35:38	Bright	50.000	174	52Psi UMa	3.0040	4400.0	100	35269	No
7	GOM_NL__2PRFIN20081128_004615_000000652074_00145_35269_3684.N1	28-NOV-2008 00:46:15	Bright	65.000	96	68Del Leo	2.5600	9300.0	130	35269	No
8	GOM_NL__2PRFIN20081128_011727_000000542074_00146_35270_3701.N1	28-NOV-2008 01:17:27	Dark	53.500	70	Zet Pup	2.2460	39000.	107	35270	No
9	GOM_NL__2PRFIN20081128_012103_000000612074_00146_35270_3702.N1	28-NOV-2008 01:21:03	Dark	61.000	117	Pi Pup	2.7060	3800.0	122	35270	No
10	GOM_NL__2PRFIN20081128_012456_000000672074_00146_35270_3703.N1	28-NOV-2008 01:24:56	Dark	67.000	23	21Eps CMa	1.5020	26000.	134	35270	No
11	GOM_NL__2PRFIN20081128_012708_000000782074_00146_35270_3704.N1	28-NOV-2008 01:27:08	Straylight	77.500	179	24Omi2CMa	3.0320	24000.	155	35270	No
12	GOM_NL__2PRFIN20081128_013143_000001022074_00146_35270_3705.N1	28-NOV-2008 01:31:43	Straylight	101.50	1	9Alp CMa	-1.4400	11000.	203	35270	No
13	GOM_NL__2PRFIN20081128_013534_000000592074_00146_35270_3706.N1	28-NOV-2008 01:35:34	Straylight	58.500	7	19Bet Ori	0.10000	14000.	117	35270	No
14	GOM_NL__2PRFIN20081128_013848_000000692074_00146_35270_3707.N1	28-NOV-2008 01:38:48	Twilight_stray	69.000	30	46Eps Ori	1.6940	30000.	138	35270	No
15	GOM_NL__2PRFIN20081128_014137_000000642074_00146_35270_3708.N1	28-NOV-2008 01:41:37	Twilight_stray	64.000	27	24Gam Ori	1.6360	26000.	128	35270	No
16	GOM_NL__2PRFIN20081128_014341_000000872074_00146_35270_3709.N1	28-NOV-2008 01:43:41	Bright	86.500	14	58Alp Ori	0.87000	3000.0	173	35270	No
17	GOM_NL__2PRFIN20081128_014805_000000612074_00146_35270_3710.N1	28-NOV-2008 01:48:05	Bright	60.500	176	23Zet Tau	3.0200	22000.	121	35270	No
18	GOM_NL__2PRFIN20081128_015412_000000482074_00146_35270_3711.N1	28-NOV-2008 01:54:12	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	35270	No
19	GOM_NL__2PRFIN20081128_015614_000000512074_00146_35270_3712.N1	28-NOV-2008 01:56:14	Bright	51.000	42	34Bet Aur	1.9000	10200.	102	35270	No
20	GOM_NL__2PRFIN20081128_021614_000000512074_00146_35270_3713.N1	28-NOV-2008 02:16:14	Bright	50.500	174	52Psi UMa	3.0040	4400.0	101	35270	No
21	GOM_NL__2PRFIN20081128_022651_000000652074_00146_35270_3714.N1	28-NOV-2008 02:26:51	Bright	64.500	96	68Del Leo	2.5600	9300.0	129	35270	No
22	GOM_NL__2PRFIN20081128_025804_000000542074_00147_35271_3727.N1	28-NOV-2008 02:58:04	Dark	53.500	70	Zet Pup	2.2460	39000.	107	35271	No
23	GOM_NL__2PRFIN20081128_030139_000000612074_00147_35271_3728.N1	28-NOV-2008 03:01:39	Dark	61.000	117	Pi Pup	2.7060	3800.0	122	35271	No
24	GOM_NL__2PRFIN20081128_030533_000000662074_00147_35271_3729.N1	28-NOV-2008 03:05:33	Dark	66.000	23	21Eps CMa	1.5020	26000.	132	35271	No
25	GOM_NL__2PRFIN20081128_030745_000000782074_00147_35271_3730.N1	28-NOV-2008 03:07:45	Straylight	78.000	179	24Omi2CMa	3.0320	24000.	156	35271	No
26	GOM_NL__2PRFIN20081128_031219_000000982074_00147_35271_3731.N1	28-NOV-2008 03:12:19	Straylight	98.000	1	9Alp CMa	-1.4400	11000.	196	35271	No
27	GOM_NL__2PRFIN20081128_031609_000000602074_00147_35271_3732.N1	28-NOV-2008 03:16:09	Straylight	59.500	7	19Bet Ori	0.10000	14000.	119	35271	No
28	GOM_NL__2PRFIN20081128_031923_000000692074_00147_35271_3733.N1	28-NOV-2008 03:19:23	Twilight_stray	69.000	30	46Eps Ori	1.6940	30000.	138	35271	No
29	GOM_NL__2PRFIN20081128_032212_000000682074_00147_35271_3734.N1	28-NOV-2008 03:22:12	Bright	67.500	27	24Gam Ori	1.6360	26000.	135	35271	No
30	GOM_NL__2PRFIN20081128_032416_000000862074_00147_35271_3735.N1	28-NOV-2008 03:24:16	Bright	85.500	14	58Alp Ori	0.87000	3000.0	171	35271	No
31	GOM_NL__2PRFIN20081128_032839_000000572074_00147_35271_3736.N1	28-NOV-2008 03:28:39	Bright	57.000	176	23Zet Tau	3.0200	22000.	114	35271	No
32	GOM_NL__2PRFIN20081128_033448_000000502074_00147_35271_3737.N1	28-NOV-2008 03:34:48	Bright	50.000	6	13Alp Aur	0.080000	3400.0	100	35271	No
33	GOM_NL__2PRFIN20081128_033649_000000502074_00147_35271_3738.N1	28-NOV-2008 03:36:49	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	35271	No
34	GOM_NL__2PRFIN20081128_035650_000000512074_00147_35271_3739.N1	28-NOV-2008 03:56:50	Bright	50.500	174	52Psi UMa	3.0040	4400.0	101	35271	No
35	GOM_NL__2PRFIN20081128_040728_000000642074_00147_35271_3740.N1	28-NOV-2008 04:07:28	Bright	64.000	96	68Del Leo	2.5600	9300.0	128	35271	No
36	GOM_NL__2PRFIN20081128_043841_000000562074_00148_35272_3752.N1	28-NOV-2008 04:38:41	Dark	55.500	70	Zet Pup	2.2460	39000.	111	35272	No
37	GOM_NL__2PRFIN20081128_044216_000000602074_00148_35272_3753.N1	28-NOV-2008 04:42:16	Dark	59.500	117	Pi Pup	2.7060	3800.0	119	35272	No
38	GOM_NL__2PRFIN20081128_044609_000000682074_00148_35272_3754.N1	28-NOV-2008 04:46:09	Dark	68.000	23	21Eps CMa	1.5020	26000.	136	35272	No
39	GOM_NL__2PRFIN20081128_044822_000000782074_00148_35272_3755.N1	28-NOV-2008 04:48:22	Straylight	78.000	179	24Omi2CMa	3.0320	24000.	156	35272	No
40	GOM_NL__2PRFIN20081128_045255_000001022074_00148_35272_3756.N1	28-NOV-2008 04:52:55	Straylight	101.50	1	9Alp CMa	-1.4400	11000.	203	35272	No
41	GOM_NL__2PRFIN20081128_045645_000000692074_00148_35272_3757.N1	28-NOV-2008 04:56:45	Straylight	68.500	7	19Bet Ori	0.10000	14000.	137	35272	No
42	GOM_NL__2PRFIN20081128_045959_000000682074_00148_35272_3758.N1	28-NOV-2008 04:59:59	Twilight_stray	68.000	30	46Eps Ori	1.6940	30000.	136	35272	No

43	GOM_NL__2PRFIN20081128_050248_000000642074_00148_35272_3759.N1	28-NOV-2008 05:02:48	Twilight	64.000	27	24Gam Ori	1.6360	26000.	128	35272	No
44	GOM_NL__2PRFIN20081128_050451_000000852074_00148_35272_3760.N1	28-NOV-2008 05:04:51	Bright	85.000	14	58Alp Ori	0.87000	3000.0	170	35272	No
45	GOM_NL__2PRFIN20081128_050914_000000592074_00148_35272_3761.N1	28-NOV-2008 05:09:14	Bright	59.000	176	23Zet Tau	3.0200	22000.	118	35272	No
46	GOM_NL__2PRFIN20081128_051523_000000492074_00148_35272_3762.N1	28-NOV-2008 05:15:23	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	35272	No
47	GOM_NL__2PRFIN20081128_051724_000000522074_00148_35272_3763.N1	28-NOV-2008 05:17:24	Bright	52.000	42	34Bet Aur	1.9000	10200.	104	35272	No
48	GOM_NL__2PRFIN20081128_053726_000000512074_00148_35272_3764.N1	28-NOV-2008 05:37:26	Bright	50.500	174	52Psi UMa	3.0040	4400.0	101	35272	No
49	GOM_NL__2PRFIN20081128_054805_000000652074_00148_35272_3765.N1	28-NOV-2008 05:48:05	Bright	64.500	96	68Del Leo	2.5600	9300.0	129	35272	No
50	GOM_NL__2PRFIN20081128_061918_000000552074_00149_35273_3781.N1	28-NOV-2008 06:19:18	Dark	55.000	70	Zet Pup	2.2460	39000.	110	35273	No
51	GOM_NL__2PRFIN20081128_062253_000000632074_00149_35273_3782.N1	28-NOV-2008 06:22:53	Dark	62.500	117	Pi Pup	2.7060	3800.0	125	35273	No
52	GOM_NL__2PRFIN20081128_062646_000000672074_00149_35273_3783.N1	28-NOV-2008 06:26:46	Dark	67.000	23	21Eps CMa	1.5020	26000.	134	35273	No
53	GOM_NL__2PRFIN20081128_062858_000000762074_00149_35273_3784.N1	28-NOV-2008 06:28:58	Straylight	75.500	179	24Omi2CMa	3.0320	24000.	151	35273	No
54	GOM_NL__2PRFIN20081128_063331_000001022074_00149_35273_3785.N1	28-NOV-2008 06:33:31	Straylight	101.50	1	9Alp CMa	-1.4400	11000.	203	35273	No
55	GOM_NL__2PRFIN20081128_063721_000000612074_00149_35273_3786.N1	28-NOV-2008 06:37:21	Straylight	61.000	7	19Bet Ori	0.10000	14000.	122	35273	No
56	GOM_NL__2PRFIN20081128_064035_000000672074_00149_35273_3787.N1	28-NOV-2008 06:40:35	Twilight	67.000	30	46Eps Ori	1.6940	30000.	134	35273	No
57	GOM_NL__2PRFIN20081128_064323_000000632074_00149_35273_3788.N1	28-NOV-2008 06:43:23	Twilight	63.000	27	24Gam Ori	1.6360	26000.	126	35273	No
58	GOM_NL__2PRFIN20081128_064526_000000862074_00149_35273_3789.N1	28-NOV-2008 06:45:26	Bright	85.500	14	58Alp Ori	0.87000	3000.0	171	35273	No
59	GOM_NL__2PRFIN20081128_064949_000000602074_00149_35273_3790.N1	28-NOV-2008 06:49:49	Bright	60.000	176	23Zet Tau	3.0200	22000.	120	35273	No
60	GOM_NL__2PRFIN20081128_065558_000000482074_00149_35273_3791.N1	28-NOV-2008 06:55:58	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	35273	No
61	GOM_NL__2PRFIN20081128_065759_000000532074_00149_35273_3792.N1	28-NOV-2008 06:57:59	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	35273	No
62	GOM_NL__2PRFIN20081128_071801_000000512074_00149_35273_3793.N1	28-NOV-2008 07:18:01	Bright	51.000	174	52Psi UMa	3.0040	4400.0	102	35273	No
63	GOM_NL__2PRFIN20081128_072841_000000672074_00149_35273_3794.N1	28-NOV-2008 07:28:41	Bright	67.000	96	68Del Leo	2.5600	9300.0	134	35273	No
64	GOM_NL__2PRFIN20081128_075955_000000552074_00150_35274_3823.N1	28-NOV-2008 07:59:55	Dark	54.500	70	Zet Pup	2.2460	39000.	109	35274	No
65	GOM_NL__2PRFIN20081128_080330_000000572074_00150_35274_3824.N1	28-NOV-2008 08:03:30	Dark	57.000	117	Pi Pup	2.7060	3800.0	114	35274	No
66	GOM_NL__2PRFIN20081128_080723_000000672074_00150_35274_3825.N1	28-NOV-2008 08:07:23	Dark	67.000	23	21Eps CMa	1.5020	26000.	134	35274	No
67	GOM_NL__2PRFIN20081128_080935_000000762074_00150_35274_3826.N1	28-NOV-2008 08:09:35	Straylight	75.500	179	24Omi2CMa	3.0320	24000.	151	35274	No
68	GOM_NL__2PRFIN20081128_081407_000000982074_00150_35274_3827.N1	28-NOV-2008 08:14:07	Straylight	98.000	1	9Alp CMa	-1.4400	11000.	196	35274	No
69	GOM_NL__2PRFIN20081128_081757_000000642074_00150_35274_3828.N1	28-NOV-2008 08:17:57	Straylight	64.000	7	19Bet Ori	0.10000	14000.	128	35274	No
70	GOM_NL__2PRFIN20081128_082110_000000682074_00150_35274_3829.N1	28-NOV-2008 08:21:10	Twilight	67.500	30	46Eps Ori	1.6940	30000.	135	35274	No
71	GOM_NL__2PRFIN20081128_082358_000000662074_00150_35274_3830.N1	28-NOV-2008 08:23:58	Twilight	65.500	27	24Gam Ori	1.6360	26000.	131	35274	No
72	GOM_NL__2PRFIN20081128_082600_000000862074_00150_35274_3831.N1	28-NOV-2008 08:26:00	Bright	85.500	14	58Alp Ori	0.87000	3000.0	171	35274	No
73	GOM_NL__2PRFIN20081128_083024_000000592074_00150_35274_3832.N1	28-NOV-2008 08:30:24	Bright	59.000	176	23Zet Tau	3.0200	22000.	118	35274	No
74	GOM_NL__2PRFIN20081128_083633_000000492074_00150_35274_3833.N1	28-NOV-2008 08:36:33	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	35274	No
75	GOM_NL__2PRFIN20081128_083834_000000522074_00150_35274_3834.N1	28-NOV-2008 08:38:34	Bright	51.500	42	34Bet Aur	1.9000	10200.	103	35274	No
76	GOM_NL__2PRFIN20081128_085837_000000512074_00150_35274_3835.N1	28-NOV-2008 08:58:37	Bright	51.000	174	52Psi UMa	3.0040	4400.0	102	35274	No
77	GOM_NL__2PRFIN20081128_090918_000000682074_00150_35274_3836.N1	28-NOV-2008 09:09:18	Bright	67.500	96	68Del Leo	2.5600	9300.0	135	35274	No
78	GOM_NL__2PRFIN20081128_094032_000000532074_00151_35275_3851.N1	28-NOV-2008 09:40:32	Dark	53.000	70	Zet Pup	2.2460	39000.	106	35275	No
79	GOM_NL__2PRFIN20081128_094407_000000612074_00151_35275_3852.N1	28-NOV-2008 09:44:07	Dark	61.000	117	Pi Pup	2.7060	3800.0	122	35275	No
80	GOM_NL__2PRFIN20081128_094800_000000692074_00151_35275_3853.N1	28-NOV-2008 09:48:00	Dark	68.500	23	21Eps CMa	1.5020	26000.	137	35275	No
81	GOM_NL__2PRFIN20081128_095012_000000762074_00151_35275_3854.N1	28-NOV-2008 09:50:12	Straylight	76.000	179	24Omi2CMa	3.0320	24000.	152	35275	No
82	GOM_NL__2PRFIN20081128_095443_000001032074_00151_35275_3855.N1	28-NOV-2008 09:54:43	Straylight	102.50	1	9Alp CMa	-1.4400	11000.	205	35275	No
83	GOM_NL__2PRFIN20081128_095833_000000592074_00151_35275_3856.N1	28-NOV-2008 09:58:33	Straylight	58.500	7	19Bet Ori	0.10000	14000.	117	35275	No
84	GOM_NL__2PRFIN20081128_100145_000000642074_00151_35275_3857.N1	28-NOV-2008 10:01:45	Twilight	63.500	30	46Eps Ori	1.6940	30000.	127	35275	No
85	GOM_NL__2PRFIN20081128_100434_000000672074_00151_35275_3858.N1	28-NOV-2008 10:04:34	Twilight	66.500	27	24Gam Ori	1.6360	26000.	133	35275	No
86	GOM_NL__2PRFIN20081128_100635_000000852074_00151_35275_3859.N1	28-NOV-2008 10:06:35	Bright	84.500	14	58Alp Ori	0.87000	3000.0	169	35275	No
87	GOM_NL__2PRFIN20081128_101059_000000592074_00151_35275_3860.N1	28-NOV-2008 10:10:59	Bright	58.500	176	23Zet Tau	3.0200	22000.	117	35275	No
88	GOM_NL__2PRFIN20081128_101709_000000482074_00151_35275_3861.N1	28-NOV-2008 10:17:09	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	35275	No
89	GOM_NL__2PRFIN20081128_101909_000000532074_00151_35275_3862.N1	28-NOV-2008 10:19:09	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	35275	No
90	GOM_NL__2PRFIN20081128_103913_000000512074_00151_35275_3863.N1	28-NOV-2008 10:39:13	Bright	51.000	174	52Psi UMa	3.0040	4400.0	102	35275	No
91	GOM_NL__2PRFIN20081128_104955_000000672074_00151_35275_3864.N1	28-NOV-2008 10:49:55	Bright	67.000	96	68Del Leo	2.5600	9300.0	134	35275	No
92	GOM_NL__2PRFIN20081128_112109_000000522074_00152_35276_3876.N1	28-NOV-2008 11:21:09	Dark	52.000	70	Zet Pup	2.2460	39000.	104	35276	No
93	GOM_NL__2PRFIN20081128_112444_000000602074_00152_35276_3877.N1	28-NOV-2008 11:24:44	Dark	59.500	117	Pi Pup	2.7060	3800.0	119	35276	No
94	GOM_NL__2PRFIN20081128_112836_000000682074_00152_35276_3878.N1	28-NOV-2008 11:28:36	Dark	67.500	23	21Eps CMa	1.5020	26000.	135	35276	No
95	GOM_NL__2PRFIN20081128_113048_000000742074_00152_35276_3879.N1	28-NOV-2008 11:30:48	Straylight	73.500	179	24Omi2CMa	3.0320	24000.	147	35276	No
96	GOM_NL__2PRFIN20081128_113519_000001012074_00152_35276_3880.N1	28-NOV-2008 11:35:19	Straylight	101.00	1	9Alp CMa	-1.4400	11000.	202	35276	No
97	GOM_NL__2PRFIN20081128_113908_000000592074_00152_35276_3881.N1	28-NOV-2008 11:39:08	Straylight	58.500	7	19Bet Ori	0.10000	14000.	117	35276	No
98	GOM_NL__2PRFIN20081128_114221_000000652074_00152_35276_3882.N1	28-NOV-2008 11:42:21	Twilight	65.000	30	46Eps Ori	1.6940	30000.	130	35276	No
99	GOM_NL__2PRFIN20081128_114509_000000622074_00152_35276_3883.N1	28-NOV-2008 11:45:09	Twilight	61.500	27	24Gam Ori	1.6360	26000.	123	35276	No
100	GOM_NL__2PRFIN20081128_114710_000000852074_00152_35276_3884.N1	28-NOV-2008 11:47:10	Bright	84.500	14	58Alp Ori	0.87000	3000.0	169	35276	No
101	GOM_NL__2PRFIN20081128_115134_000000592074_00152_35276_3885.N1	28-NOV-2008 11:51:34	Bright	58.500	176	23Zet Tau	3.0200	22000.	117	35276	No

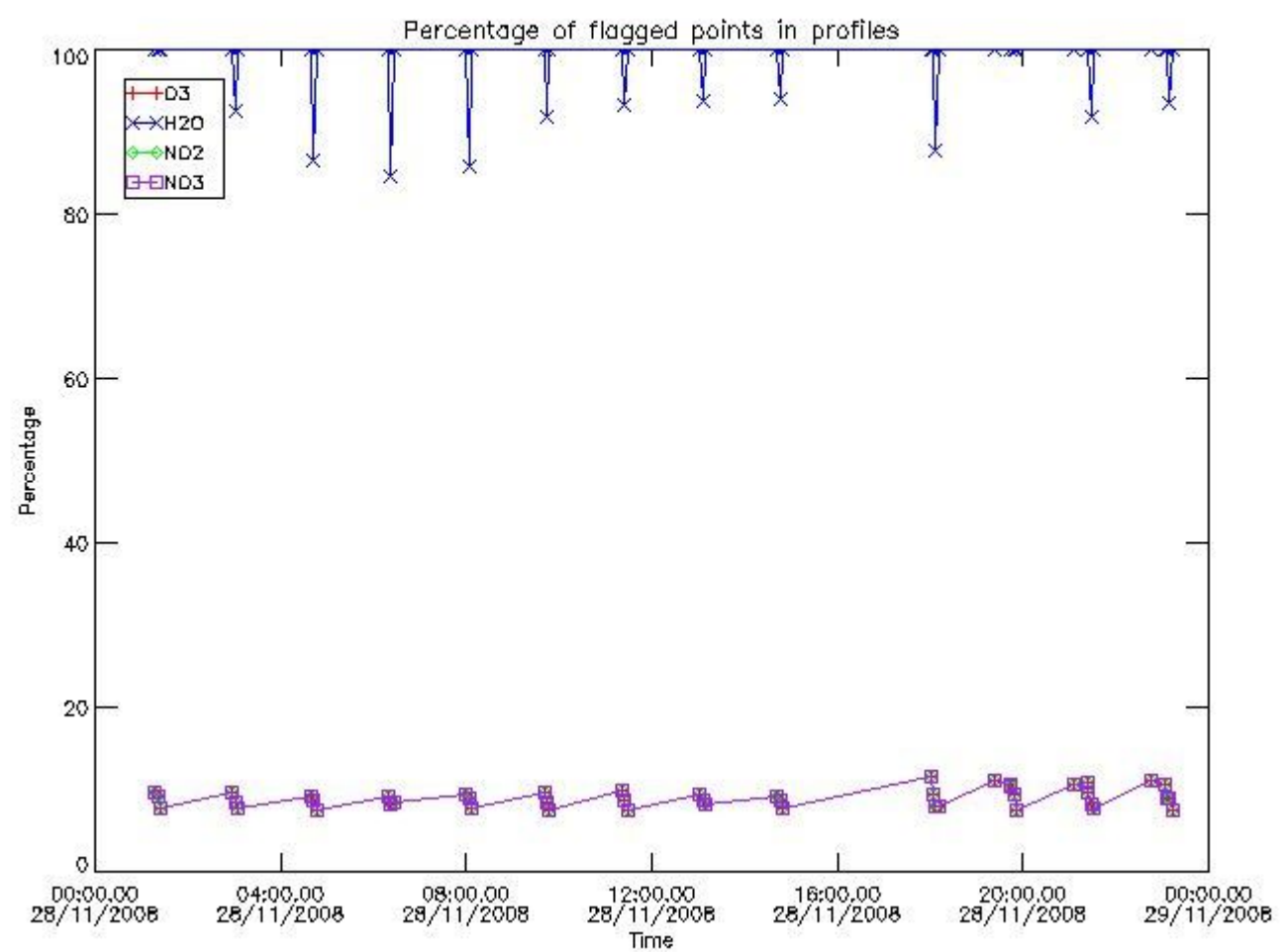
102	GOM_NL__2PRFIN20081128_115744_000000472074_00152_35276_3886.N1	28-NOV-2008 11:57:44	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	35276	No
103	GOM_NL__2PRFIN20081128_115943_000000542074_00152_35276_3887.N1	28-NOV-2008 11:59:43	Bright	53.500	42	34Bet Aur	1.9000	10200.	107	35276	No
104	GOM_NL__2PRFIN20081128_121948_000000512074_00152_35276_3888.N1	28-NOV-2008 12:19:48	Bright	50.500	174	52Psi UMa	3.0040	4400.0	101	35276	No
105	GOM_NL__2PRFIN20081128_123031_000000652074_00152_35276_3889.N1	28-NOV-2008 12:30:31	Bright	65.000	96	68Del Leo	2.5600	9300.0	130	35276	No
106	GOM_NL__2PRFIN20081128_130146_000000552074_00153_35277_3905.N1	28-NOV-2008 13:01:46	Dark	54.500	70	Zet Pup	2.2460	39000.	109	35277	No
107	GOM_NL__2PRFIN20081128_130521_000000652074_00153_35277_3906.N1	28-NOV-2008 13:05:21	Dark	64.500	117	Pi Pup	2.7060	3800.0	129	35277	No
108	GOM_NL__2PRFIN20081128_130913_000000692074_00153_35277_3907.N1	28-NOV-2008 13:09:13	Dark	69.000	23	21Eps CMa	1.5020	26000.	138	35277	No
109	GOM_NL__2PRFIN20081128_131125_000000752074_00153_35277_3908.N1	28-NOV-2008 13:11:25	Straylight	74.500	179	24Omi2CMa	3.0320	24000.	149	35277	No
110	GOM_NL__2PRFIN20081128_131555_000000952074_00153_35277_3909.N1	28-NOV-2008 13:15:55	Straylight	95.000	1	9Alp CMa	-1.4400	11000.	190	35277	No
111	GOM_NL__2PRFIN20081128_131944_000000622074_00153_35277_3910.N1	28-NOV-2008 13:19:44	Straylight	61.500	7	19Bet Ori	0.10000	14000.	123	35277	No
112	GOM_NL__2PRFIN20081128_132256_000000672074_00153_35277_3911.N1	28-NOV-2008 13:22:56	Twilight	67.000	30	46Eps Ori	1.6940	30000.	134	35277	No
113	GOM_NL__2PRFIN20081128_132544_000000672074_00153_35277_3912.N1	28-NOV-2008 13:25:44	Twilight	66.500	27	24Gam Ori	1.6360	26000.	133	35277	No
114	GOM_NL__2PRFIN20081128_132745_000000842074_00153_35277_3913.N1	28-NOV-2008 13:27:45	Bright	84.000	14	58Alp Ori	0.87000	3000.0	168	35277	No
115	GOM_NL__2PRFIN20081128_133208_000000582074_00153_35277_3914.N1	28-NOV-2008 13:32:08	Bright	58.000	176	23Zet Tau	3.0200	22000.	116	35277	No
116	GOM_NL__2PRFIN20081128_133819_000000502074_00153_35277_3915.N1	28-NOV-2008 13:38:19	Bright	50.000	6	13Alp Aur	0.080000	3400.0	100	35277	No
117	GOM_NL__2PRFIN20081128_134018_000000532074_00153_35277_3916.N1	28-NOV-2008 13:40:18	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	35277	No
118	GOM_NL__2PRFIN20081128_140024_000000502074_00153_35277_3917.N1	28-NOV-2008 14:00:24	Bright	50.000	174	52Psi UMa	3.0040	4400.0	100	35277	No
119	GOM_NL__2PRFIN20081128_141108_000000662074_00153_35277_3918.N1	28-NOV-2008 14:11:08	Bright	65.500	96	68Del Leo	2.5600	9300.0	131	35277	No
120	GOM_NL__2PRFIN20081128_144223_000000562074_00154_35278_3929.N1	28-NOV-2008 14:42:23	Dark	55.500	70	Zet Pup	2.2460	39000.	111	35278	No
121	GOM_NL__2PRFIN20081128_144557_000000592074_00154_35278_3930.N1	28-NOV-2008 14:45:57	Dark	59.000	117	Pi Pup	2.7060	3800.0	118	35278	No
122	GOM_NL__2PRFIN20081128_144950_000000672074_00154_35278_3931.N1	28-NOV-2008 14:49:50	Dark	67.000	23	21Eps CMa	1.5020	26000.	134	35278	No
123	GOM_NL__2PRFIN20081128_145201_000000782074_00154_35278_3932.N1	28-NOV-2008 14:52:01	Straylight	77.500	179	24Omi2CMa	3.0320	24000.	155	35278	No
124	GOM_NL__2PRFIN20081128_145631_000000972074_00154_35278_3933.N1	28-NOV-2008 14:56:31	Straylight	96.500	1	9Alp CMa	-1.4400	11000.	193	35278	No
125	GOM_NL__2PRFIN20081128_150020_000000692074_00154_35278_3934.N1	28-NOV-2008 15:00:20	Straylight	69.000	7	19Bet Ori	0.10000	14000.	138	35278	No
126	GOM_NL__2PRFIN20081128_150332_000000612074_00154_35278_3935.N1	28-NOV-2008 15:03:32	Twilight	61.000	30	46Eps Ori	1.6940	30000.	122	35278	No
127	GOM_NL__2PRFIN20081128_150620_000000622074_00154_35278_3936.N1	28-NOV-2008 15:06:20	Twilight	62.000	27	24Gam Ori	1.6360	26000.	124	35278	No
128	GOM_NL__2PRFIN20081128_150819_000000842074_00154_35278_3937.N1	28-NOV-2008 15:08:19	Bright	84.000	14	58Alp Ori	0.87000	3000.0	168	35278	No
129	GOM_NL__2PRFIN20081128_151243_000000592074_00154_35278_3938.N1	28-NOV-2008 15:12:43	Bright	58.500	176	23Zet Tau	3.0200	22000.	117	35278	No
130	GOM_NL__2PRFIN20081128_151854_000000492074_00154_35278_3939.N1	28-NOV-2008 15:18:54	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	35278	No
131	GOM_NL__2PRFIN20081128_152053_000000512074_00154_35278_3940.N1	28-NOV-2008 15:20:53	Bright	51.000	42	34Bet Aur	1.9000	10200.	102	35278	No
132	GOM_NL__2PRFIN20081128_154100_000000512074_00154_35278_3941.N1	28-NOV-2008 15:41:00	Bright	51.000	174	52Psi UMa	3.0040	4400.0	102	35278	No
133	GOM_NL__2PRFIN20081128_155144_000000662074_00154_35278_3942.N1	28-NOV-2008 15:51:44	Bright	65.500	96	68Del Leo	2.5600	9300.0	131	35278	No
134	GOM_NL__2PRFIN20081128_180157_000000492074_00156_35280_3997.N1	28-NOV-2008 18:01:57	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	35280	No
135	GOM_NL__2PRFIN20081128_180337_000000542074_00156_35280_3998.N1	28-NOV-2008 18:03:37	Dark	54.000	70	Zet Pup	2.2460	39000.	108	35280	No
136	GOM_NL__2PRFIN20081128_180711_000000692074_00156_35280_3999.N1	28-NOV-2008 18:07:11	Dark	69.000	117	Pi Pup	2.7060	3800.0	138	35280	No
137	GOM_NL__2PRFIN20081128_181103_000000702074_00156_35280_4000.N1	28-NOV-2008 18:11:03	Dark	69.500	23	21Eps CMa	1.5020	26000.	139	35280	No
138	GOM_NL__2PRFIN20081128_181749_000000562074_00156_35280_4001.N1	28-NOV-2008 18:17:49	Straylight	55.500	101	11Alp Lep	2.5820	7000.0	111	35280	No
139	GOM_NL__2PRFIN20081128_182132_000000622074_00156_35280_4002.N1	28-NOV-2008 18:21:32	Straylight	61.500	7	19Bet Ori	0.10000	14000.	123	35280	No
140	GOM_NL__2PRFIN20081128_182443_000000502074_00156_35280_4003.N1	28-NOV-2008 18:24:43	Twilight	50.000	30	46Eps Ori	1.6940	30000.	100	35280	No
141	GOM_NL__2PRFIN20081128_182730_000000642074_00156_35280_4004.N1	28-NOV-2008 18:27:30	Twilight	64.000	27	24Gam Ori	1.6360	26000.	128	35280	No
142	GOM_NL__2PRFIN20081128_182940_000000532074_00156_35280_4005.N1	28-NOV-2008 18:29:40	Bright	52.500	13	87Alp Tau	0.86700	3800.0	105	35280	No
143	GOM_NL__2PRFIN20081128_183111_000000402074_00156_35280_4006.N1	28-NOV-2008 18:31:11	Bright	40.000	146	25Eta Tau	2.8730	15200.	80	35280	No
144	GOM_NL__2PRFIN20081128_183335_000000392074_00156_35280_4007.N1	28-NOV-2008 18:33:35	Bright	38.500	150	44Zet Per	2.8900	28000.	77	35280	No
145	GOM_NL__2PRFIN20081128_183602_000000382074_00156_35280_4008.N1	28-NOV-2008 18:36:02	Bright	38.000	149	45Eps Per	2.8880	30000.	76	35280	No
146	GOM_NL__2PRFIN20081128_184005_000000492074_00156_35280_4009.N1	28-NOV-2008 18:40:05	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	35280	No
147	GOM_NL__2PRFIN20081128_184203_000000532074_00156_35280_4010.N1	28-NOV-2008 18:42:03	Bright	52.500	42	34Bet Aur	1.9000	10200.	105	35280	No
148	GOM_NL__2PRFIN20081128_185608_000000462074_00156_35280_4011.N1	28-NOV-2008 18:56:08	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	35280	No
149	GOM_NL__2PRFIN20081128_185745_000000662074_00156_35280_4012.N1	28-NOV-2008 18:57:45	Bright	66.000	82	48Bet UMa	2.3650	10600.	132	35280	No
150	GOM_NL__2PRFIN20081128_185929_000000432074_00156_35280_4013.N1	28-NOV-2008 18:59:29	Bright	42.500	87	64Gam UMa	2.4330	11000.	85	35280	No
151	GOM_NL__2PRFIN20081128_190211_000000512074_00156_35280_4014.N1	28-NOV-2008 19:02:11	Bright	50.500	174	52Psi UMa	3.0040	4400.0	101	35280	No
152	GOM_NL__2PRFIN20081128_190443_000000392074_00156_35280_4015.N1	28-NOV-2008 19:04:43	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	35280	No
153	GOM_NL__2PRFIN20081128_191401_000000532074_00156_35280_4016.N1	28-NOV-2008 19:14:01	Bright	53.000	62	94Bet Leo	2.1360	9700.0	106	35280	No
154	GOM_NL__2PRFIN20081128_191721_000000402074_00156_35280_4017.N1	28-NOV-2008 19:17:21	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	35280	No
155	GOM_NL__2PRFIN20081128_192255_000000442074_00156_35280_4018.N1	28-NOV-2008 19:22:55	Twilight	43.500	100	4Gam Crv	2.5800	13100.	87	35280	No
156	GOM_NL__2PRFIN20081128_192430_000000462074_00156_35280_4019.N1	28-NOV-2008 19:24:30	Dark	45.500	171	2Eps Crv	3.0010	4250.0	91	35280	No
157	GOM_NL__2PRFIN20081128_194234_000000482074_00157_35281_4024.N1	28-NOV-2008 19:42:34	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	35281	No
158	GOM_NL__2PRFIN20081128_194414_000000552074_00157_35281_4025.N1	28-NOV-2008 19:44:14	Dark	54.500	70	Zet Pup	2.2460	39000.	109	35281	No
159	GOM_NL__2PRFIN20081128_194748_000000662074_00157_35281_4026.N1	28-NOV-2008 19:47:48	Dark	65.500	117	Pi Pup	2.7060	3800.0	131	35281	No
160	GOM_NL__2PRFIN20081128_195140_000000682074_00157_35281_4027.N1	28-NOV-2008 19:51:40	Dark	67.500	23	21Eps CMa	1.5020	26000.	135	35281	No

161	GOM_NL__2PRFIN20081128_195825_000000552074_00157_35281_4028.N1	28-NOV-2008 19:58:25	Straylight	55.000	101	11Alp Lep	2.5820	7000.0	110	35281	No
162	GOM_NL__2PRFIN20081128_200208_000000622074_00157_35281_4029.N1	28-NOV-2008 20:02:08	Straylight	62.000	7	19Bet Ori	0.10000	14000.	124	35281	No
163	GOM_NL__2PRFIN20081128_200518_000000502074_00157_35281_4030.N1	28-NOV-2008 20:05:18	Tw_i_and_stray	50.000	30	46Eps Ori	1.6940	30000.	100	35281	No
164	GOM_NL__2PRFIN20081128_200806_000000642074_00157_35281_4031.N1	28-NOV-2008 20:08:06	Tw_i_and_stray	64.000	27	24Gam Ori	1.6360	26000.	128	35281	No
165	GOM_NL__2PRFIN20081128_201016_000000552074_00157_35281_4032.N1	28-NOV-2008 20:10:16	Bright	55.000	13	87Alp Tau	0.86700	3800.0	110	35281	No
166	GOM_NL__2PRFIN20081128_201146_000000382074_00157_35281_4033.N1	28-NOV-2008 20:11:46	Bright	38.000	146	25Eta Tau	2.8730	15200.	76	35281	No
167	GOM_NL__2PRFIN20081128_201411_000000382074_00157_35281_4034.N1	28-NOV-2008 20:14:11	Bright	38.000	150	44Zet Per	2.8900	28000.	76	35281	No
168	GOM_NL__2PRFIN20081128_201637_000000392074_00157_35281_4035.N1	28-NOV-2008 20:16:37	Bright	38.500	149	45Eps Per	2.8880	30000.	77	35281	No
169	GOM_NL__2PRFIN20081128_202040_000000492074_00157_35281_4036.N1	28-NOV-2008 20:20:40	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	35281	No
170	GOM_NL__2PRFIN20081128_202238_000000522074_00157_35281_4037.N1	28-NOV-2008 20:22:38	Bright	51.500	42	34Bet Aur	1.9000	10200.	103	35281	No
171	GOM_NL__2PRFIN20081128_203644_000000452074_00157_35281_4038.N1	28-NOV-2008 20:36:44	Bright	44.500	36	50Alp UMa	1.8000	6300.0	89	35281	No
172	GOM_NL__2PRFIN20081128_203821_000000462074_00157_35281_4039.N1	28-NOV-2008 20:38:21	Bright	46.000	82	48Bet UMa	2.3650	10600.	92	35281	No
173	GOM_NL__2PRFIN20081128_204004_000000432074_00157_35281_4040.N1	28-NOV-2008 20:40:04	Bright	42.500	87	64Gam UMa	2.4330	11000.	85	35281	No
174	GOM_NL__2PRFIN20081128_204247_000000512074_00157_35281_4041.N1	28-NOV-2008 20:42:47	Bright	50.500	174	52Psi UMa	3.0040	4400.0	101	35281	No
175	GOM_NL__2PRFIN20081128_204519_000000382074_00157_35281_4042.N1	28-NOV-2008 20:45:19	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	35281	No
176	GOM_NL__2PRFIN20081128_205437_000000522074_00157_35281_4043.N1	28-NOV-2008 20:54:37	Bright	52.000	62	94Bet Leo	2.1360	9700.0	104	35281	No
177	GOM_NL__2PRFIN20081128_205758_000000472074_00157_35281_4044.N1	28-NOV-2008 20:57:58	Bright	46.500	121	29Gam Vir	2.7400	7200.0	93	35281	No
178	GOM_NL__2PRFIN20081128_210332_000000422074_00157_35281_4045.N1	28-NOV-2008 21:03:32	Twilight	42.000	100	4Gam Crv	2.5800	13100.	84	35281	No
179	GOM_NL__2PRFIN20081128_210507_000000482074_00157_35281_4046.N1	28-NOV-2008 21:05:07	Dark	48.000	171	2Eps Crv	3.0010	4250.0	96	35281	No
180	GOM_NL__2PRFIN20081128_212310_000000472074_00158_35282_4051.N1	28-NOV-2008 21:23:10	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	35282	No
181	GOM_NL__2PRFIN20081128_212451_000000532074_00158_35282_4052.N1	28-NOV-2008 21:24:51	Dark	53.000	70	Zet Pup	2.2460	39000.	106	35282	No
182	GOM_NL__2PRFIN20081128_212825_000000622074_00158_35282_4053.N1	28-NOV-2008 21:28:25	Dark	62.000	117	Pi Pup	2.7060	3800.0	124	35282	No
183	GOM_NL__2PRFIN20081128_213217_000000672074_00158_35282_4054.N1	28-NOV-2008 21:32:17	Dark	66.500	23	21Eps CMa	1.5020	26000.	133	35282	No
184	GOM_NL__2PRFIN20081128_213901_000000552074_00158_35282_4055.N1	28-NOV-2008 21:39:01	Straylight	54.500	101	11Alp Lep	2.5820	7000.0	109	35282	No
185	GOM_NL__2PRFIN20081128_214244_000000652074_00158_35282_4056.N1	28-NOV-2008 21:42:44	Straylight	65.000	7	19Bet Ori	0.10000	14000.	130	35282	No
186	GOM_NL__2PRFIN20081128_214554_000000562074_00158_35282_4057.N1	28-NOV-2008 21:45:54	Tw_i_and_stray	56.000	30	46Eps Ori	1.6940	30000.	112	35282	No
187	GOM_NL__2PRFIN20081128_214841_000000652074_00158_35282_4058.N1	28-NOV-2008 21:48:41	Tw_i_and_stray	64.500	27	24Gam Ori	1.6360	26000.	129	35282	No
188	GOM_NL__2PRFIN20081128_215051_000000572074_00158_35282_4059.N1	28-NOV-2008 21:50:51	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	35282	No
189	GOM_NL__2PRFIN20081128_215222_000000382074_00158_35282_4060.N1	28-NOV-2008 21:52:22	Bright	37.500	146	25Eta Tau	2.8730	15200.	75	35282	No
190	GOM_NL__2PRFIN20081128_215446_000000392074_00158_35282_4061.N1	28-NOV-2008 21:54:46	Bright	39.000	150	44Zet Per	2.8900	28000.	78	35282	No
191	GOM_NL__2PRFIN20081128_215713_000000392074_00158_35282_4062.N1	28-NOV-2008 21:57:13	Bright	38.500	149	45Eps Per	2.8880	30000.	77	35282	No
192	GOM_NL__2PRFIN20081128_220115_000000482074_00158_35282_4063.N1	28-NOV-2008 22:01:15	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	35282	No
193	GOM_NL__2PRFIN20081128_220313_000000532074_00158_35282_4064.N1	28-NOV-2008 22:03:13	Bright	52.500	42	34Bet Aur	1.9000	10200.	105	35282	No
194	GOM_NL__2PRFIN20081128_221719_000000402074_00158_35282_4065.N1	28-NOV-2008 22:17:19	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	35282	No
195	GOM_NL__2PRFIN20081128_221856_000000662074_00158_35282_4066.N1	28-NOV-2008 22:18:56	Bright	66.000	82	48Bet UMa	2.3650	10600.	132	35282	No
196	GOM_NL__2PRFIN20081128_222040_000000412074_00158_35282_4067.N1	28-NOV-2008 22:20:40	Bright	41.000	87	64Gam UMa	2.4330	11000.	82	35282	No
197	GOM_NL__2PRFIN20081128_222323_000000532074_00158_35282_4068.N1	28-NOV-2008 22:23:23	Bright	52.500	174	52Psi UMa	3.0040	4400.0	105	35282	No
198	GOM_NL__2PRFIN20081128_222555_000000382074_00158_35282_4069.N1	28-NOV-2008 22:25:55	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	35282	No
199	GOM_NL__2PRFIN20081128_223514_000000582074_00158_35282_4070.N1	28-NOV-2008 22:35:14	Bright	57.500	62	94Bet Leo	2.1360	9700.0	115	35282	No
200	GOM_NL__2PRFIN20081128_223834_000000402074_00158_35282_4071.N1	28-NOV-2008 22:38:34	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	35282	No
201	GOM_NL__2PRFIN20081128_224409_000000452074_00158_35282_4072.N1	28-NOV-2008 22:44:09	Twilight	45.000	100	4Gam Crv	2.5800	13100.	90	35282	No
202	GOM_NL__2PRFIN20081128_224544_000000462074_00158_35282_4073.N1	28-NOV-2008 22:45:44	Dark	45.500	171	2Eps Crv	3.0010	4250.0	91	35282	No
203	GOM_NL__2PRFIN20081128_230347_000000492074_00159_35283_4076.N1	28-NOV-2008 23:03:47	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	35283	No
204	GOM_NL__2PRFIN20081128_230528_000000572074_00159_35283_4077.N1	28-NOV-2008 23:05:28	Dark	57.000	70	Zet Pup	2.2460	39000.	114	35283	No
205	GOM_NL__2PRFIN20081128_230902_000000622074_00159_35283_4078.N1	28-NOV-2008 23:09:02	Dark	62.000	117	Pi Pup	2.7060	3800.0	124	35283	No
206	GOM_NL__2PRFIN20081128_231253_000000682074_00159_35283_4079.N1	28-NOV-2008 23:12:53	Dark	68.000	23	21Eps CMa	1.5020	26000.	136	35283	No
207	GOM_NL__2PRFIN20081128_231937_000000552074_00159_35283_4080.N1	28-NOV-2008 23:19:37	Straylight	54.500	101	11Alp Lep	2.5820	7000.0	109	35283	No
208	GOM_NL__2PRFIN20081128_232319_000000702074_00159_35283_4081.N1	28-NOV-2008 23:23:19	Straylight	69.500	7	19Bet Ori	0.10000	14000.	139	35283	No
209	GOM_NL__2PRFIN20081128_232629_000000562074_00159_35283_4082.N1	28-NOV-2008 23:26:29	Tw_i_and_stray	56.000	30	46Eps Ori	1.6940	30000.	112	35283	No
210	GOM_NL__2PRFIN20081128_232916_000000652074_00159_35283_4083.N1	28-NOV-2008 23:29:16	Tw_i_and_stray	64.500	27	24Gam Ori	1.6360	26000.	129	35283	No
211	GOM_NL__2PRFIN20081128_233126_000000552074_00159_35283_4084.N1	28-NOV-2008 23:31:26	Bright	55.000	13	87Alp Tau	0.86700	3800.0	110	35283	No
212	GOM_NL__2PRFIN20081128_233258_000000382074_00159_35283_4085.N1	28-NOV-2008 23:32:58	Bright	38.000	146	25Eta Tau	2.8730	15200.	76	35283	No
213	GOM_NL__2PRFIN20081128_233522_000000392074_00159_35283_4086.N1	28-NOV-2008 23:35:22	Bright	39.000	150	44Zet Per	2.8900	28000.	78	35283	No
214	GOM_NL__2PRFIN20081128_233748_000000502074_00159_35283_4087.N1	28-NOV-2008 23:37:48	Bright	50.000	149	45Eps Per	2.8880	30000.	100	35283	No
215	GOM_NL__2PRFIN20081128_234150_000000482074_00159_35283_4088.N1	28-NOV-2008 23:41:50	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	35283	No
216	GOM_NL__2PRFIN20081128_234348_000000482074_00159_35283_4089.N1	28-NOV-2008 23:43:48	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	35283	No
217	GOM_NL__2PRFIN20081128_235755_000000442074_00159_35283_4090.N1	28-NOV-2008 23:57:55	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	35283	No
218	GOM_NL__2PRFIN20081128_235932_000000452074_00159_35283_4091.N1	28-NOV-2008 23:59:32	Bright	44.500	82	48Bet UMa	2.3650	10600.	89	35283	No

3. Quality information per product

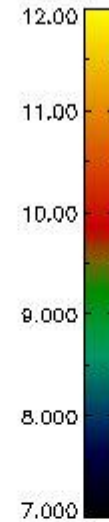
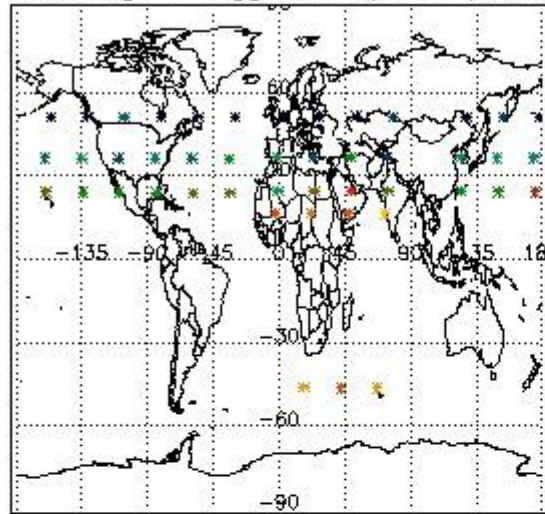
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

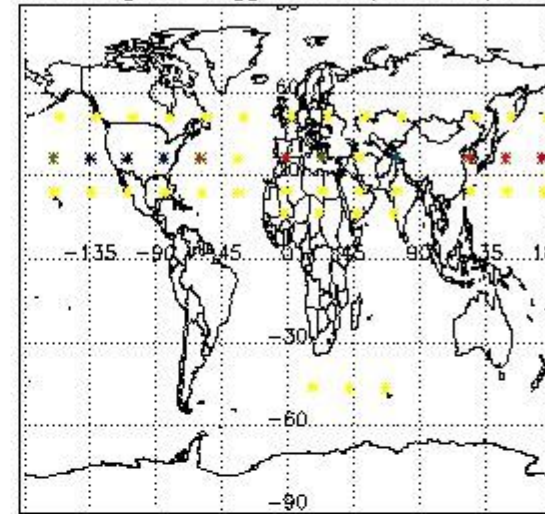


3.2 Plot quality information per product (world map)

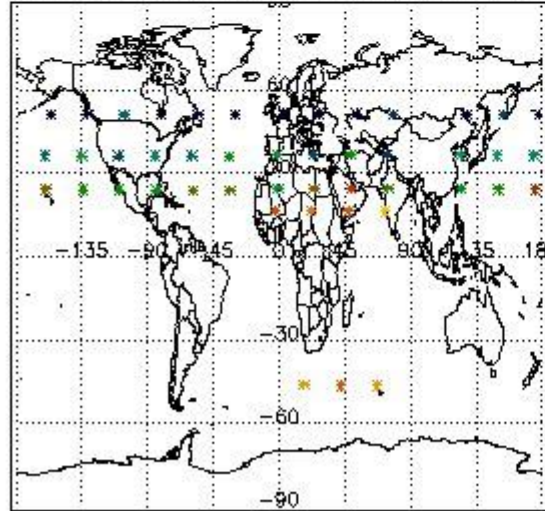
Percentage of flagged data per O3 profile



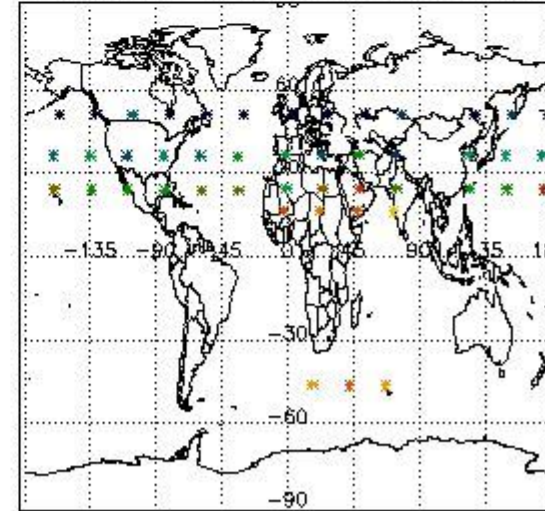
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

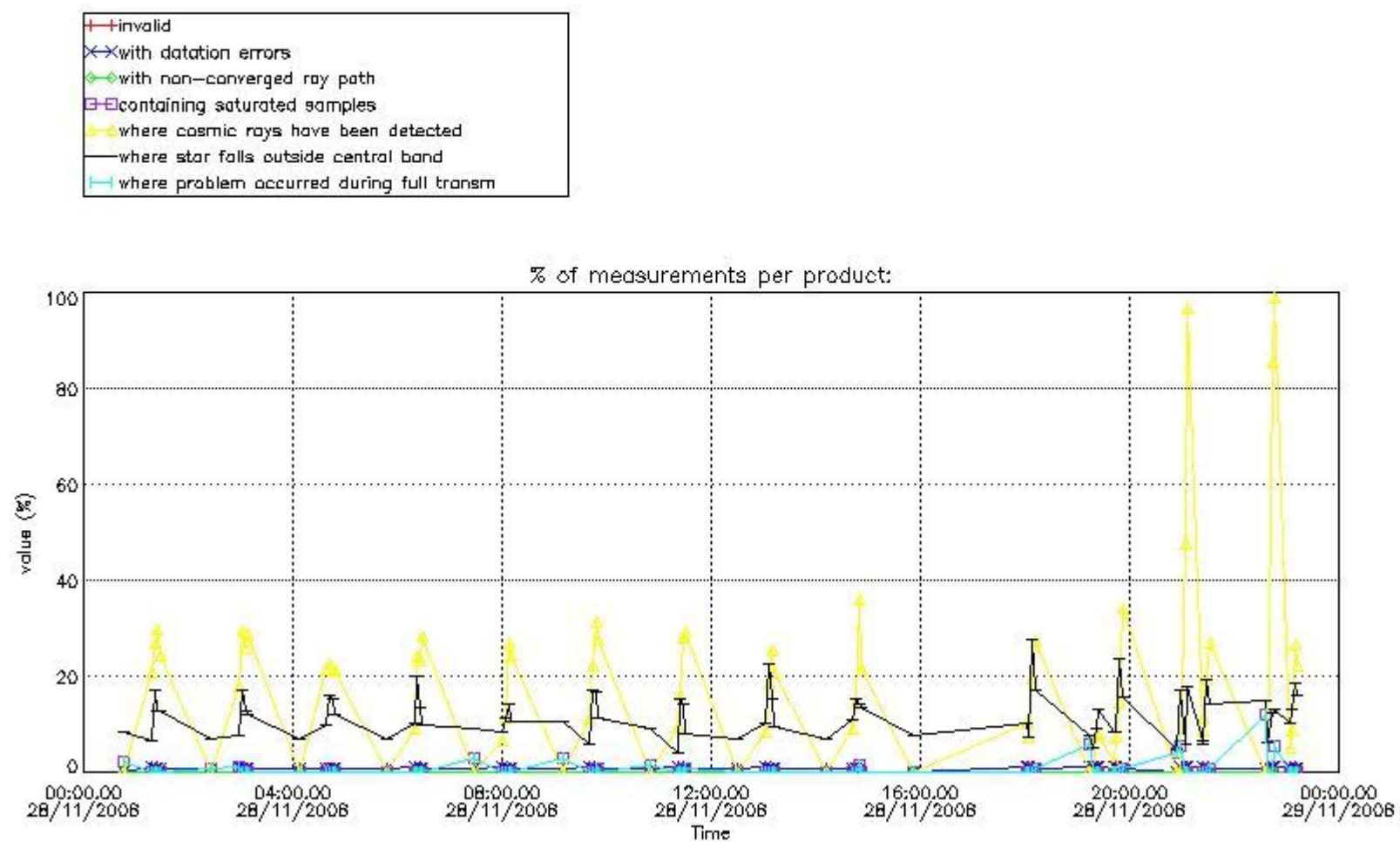


4. Level 1 quality information per product

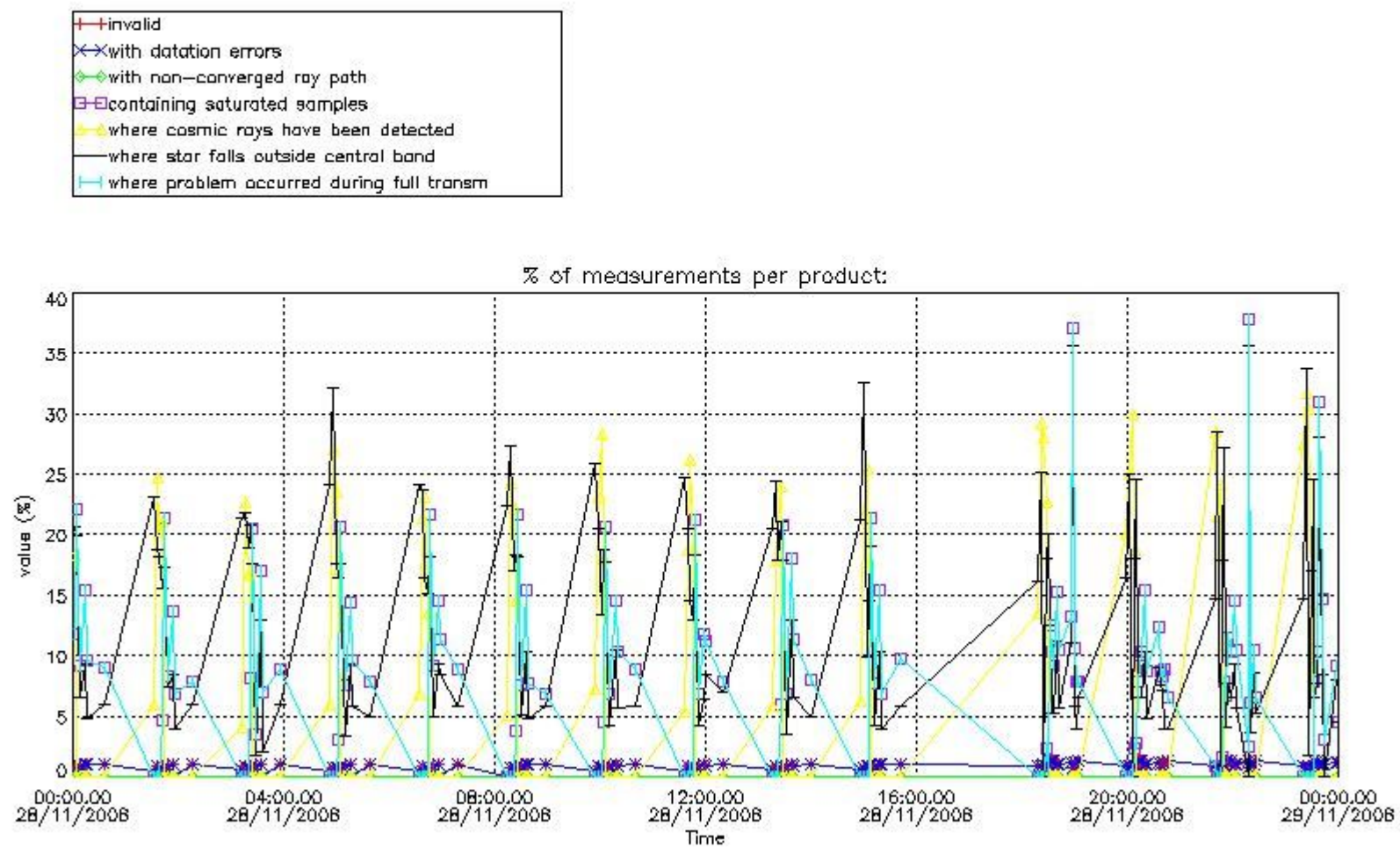
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



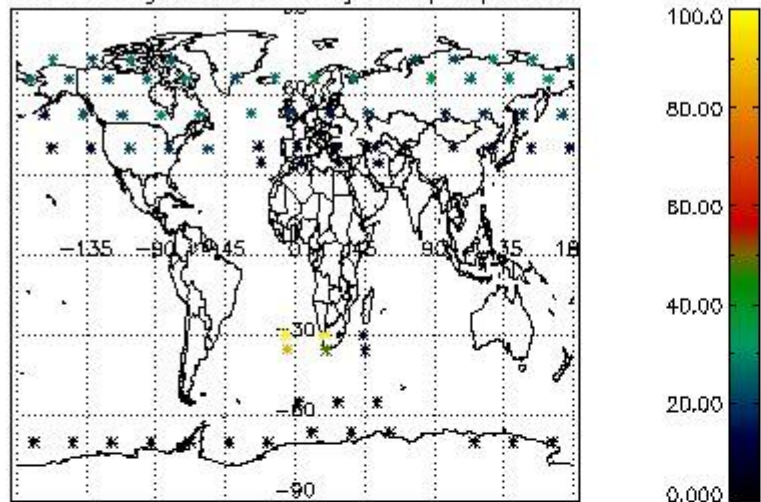
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



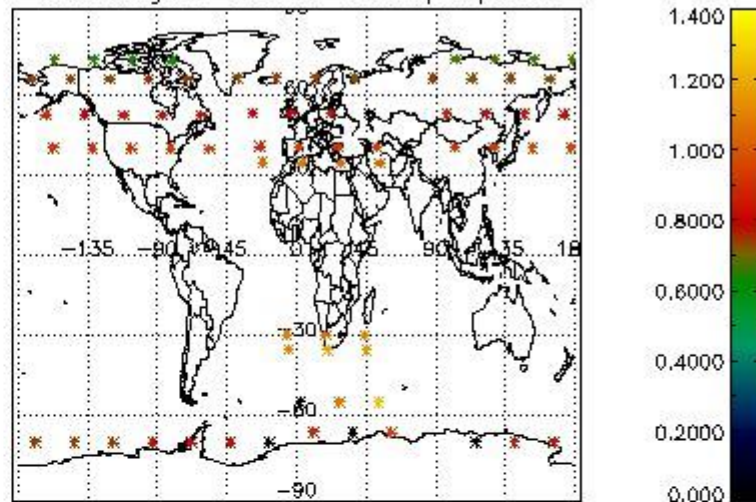
4.2 Plot quality information per product coming from level 1b processing (world map)

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

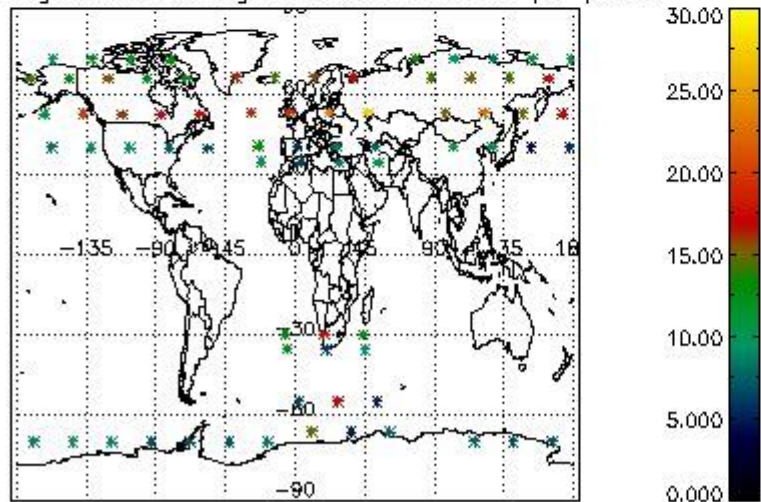
Percentage of cosmic ray hits per profile



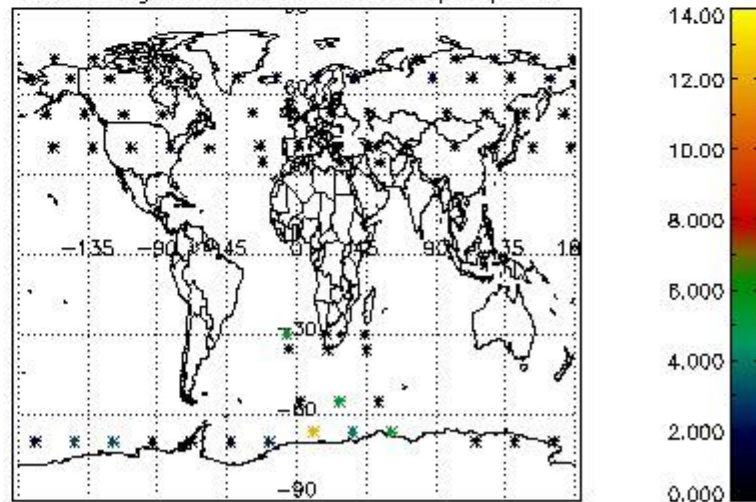
Percentage of datation errors per profile



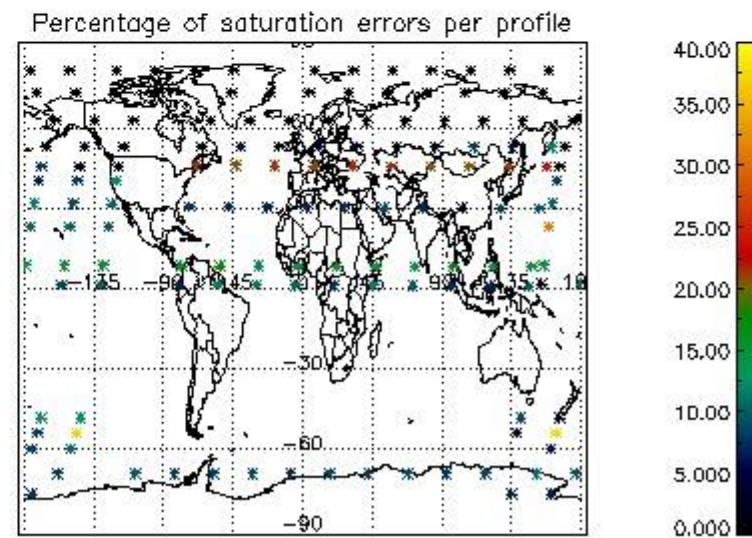
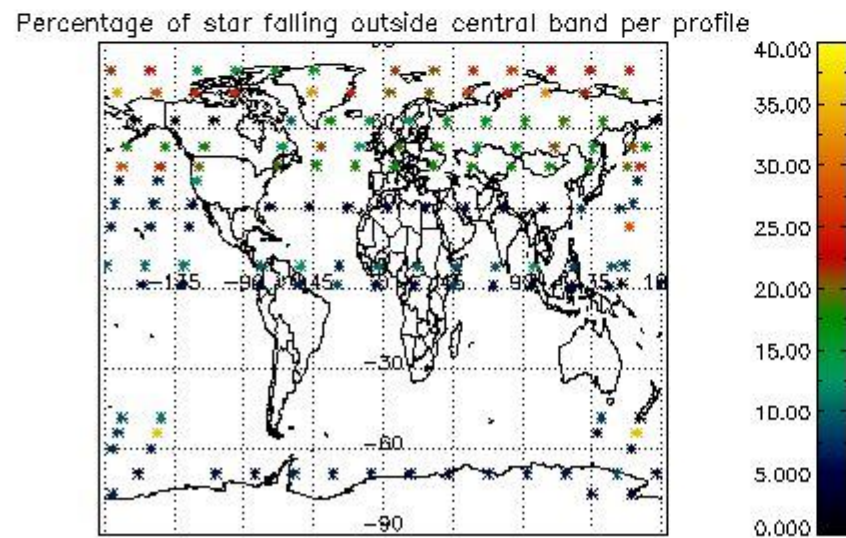
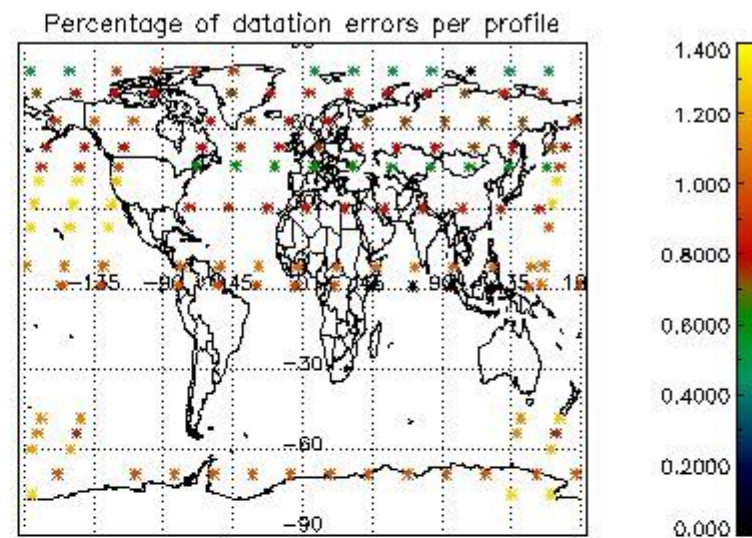
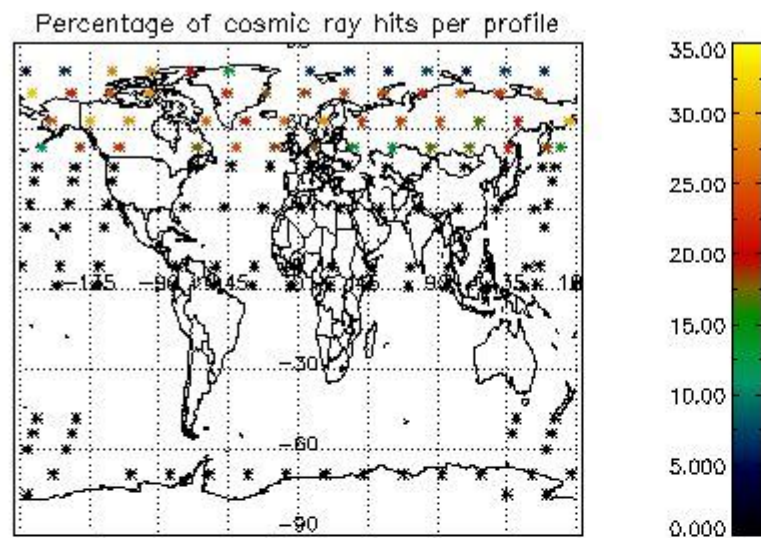
Percentage of star falling outside central band per profile



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

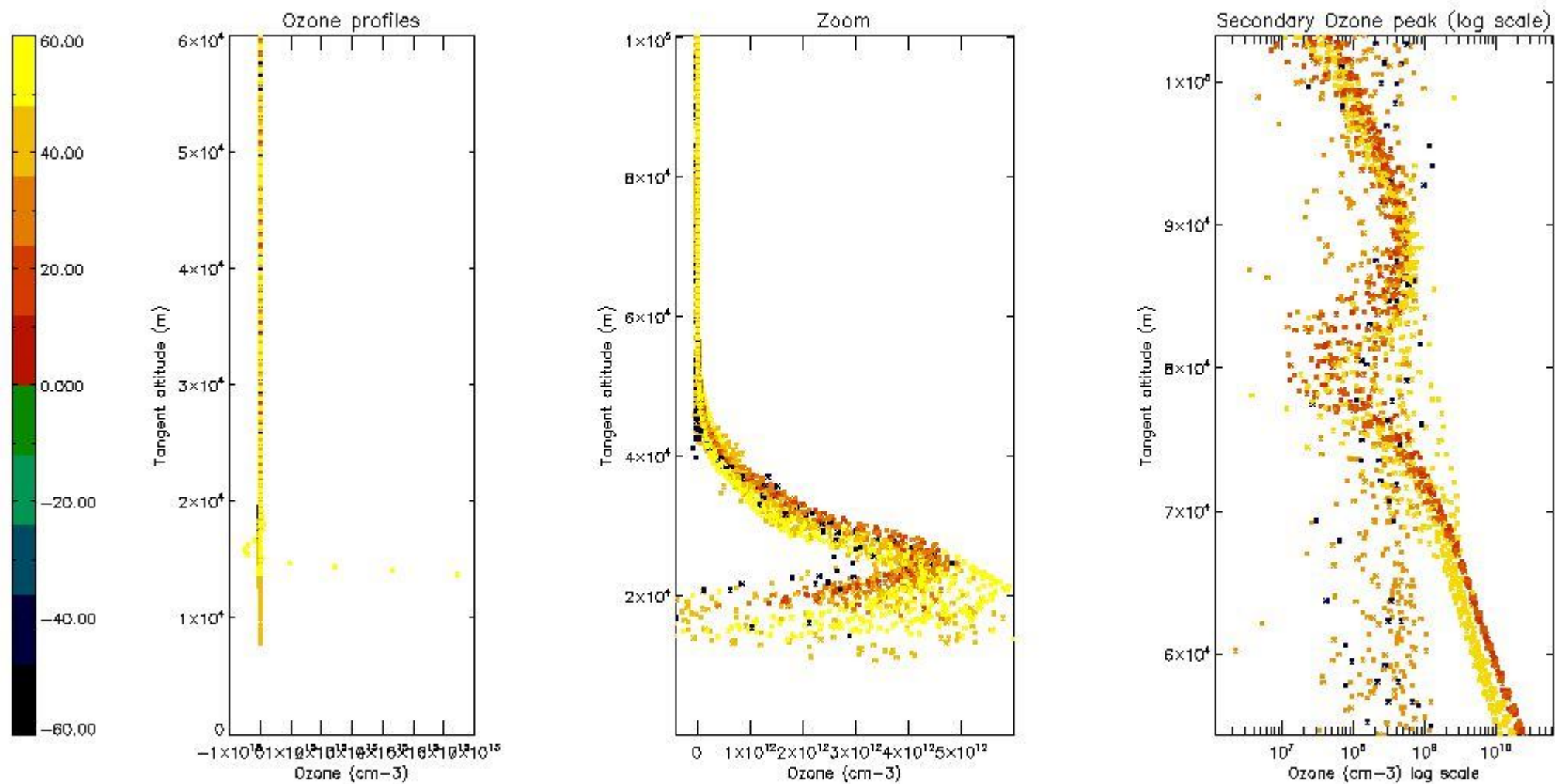
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	21
STD < 20	12

STD < 10	10
STD < 5	8

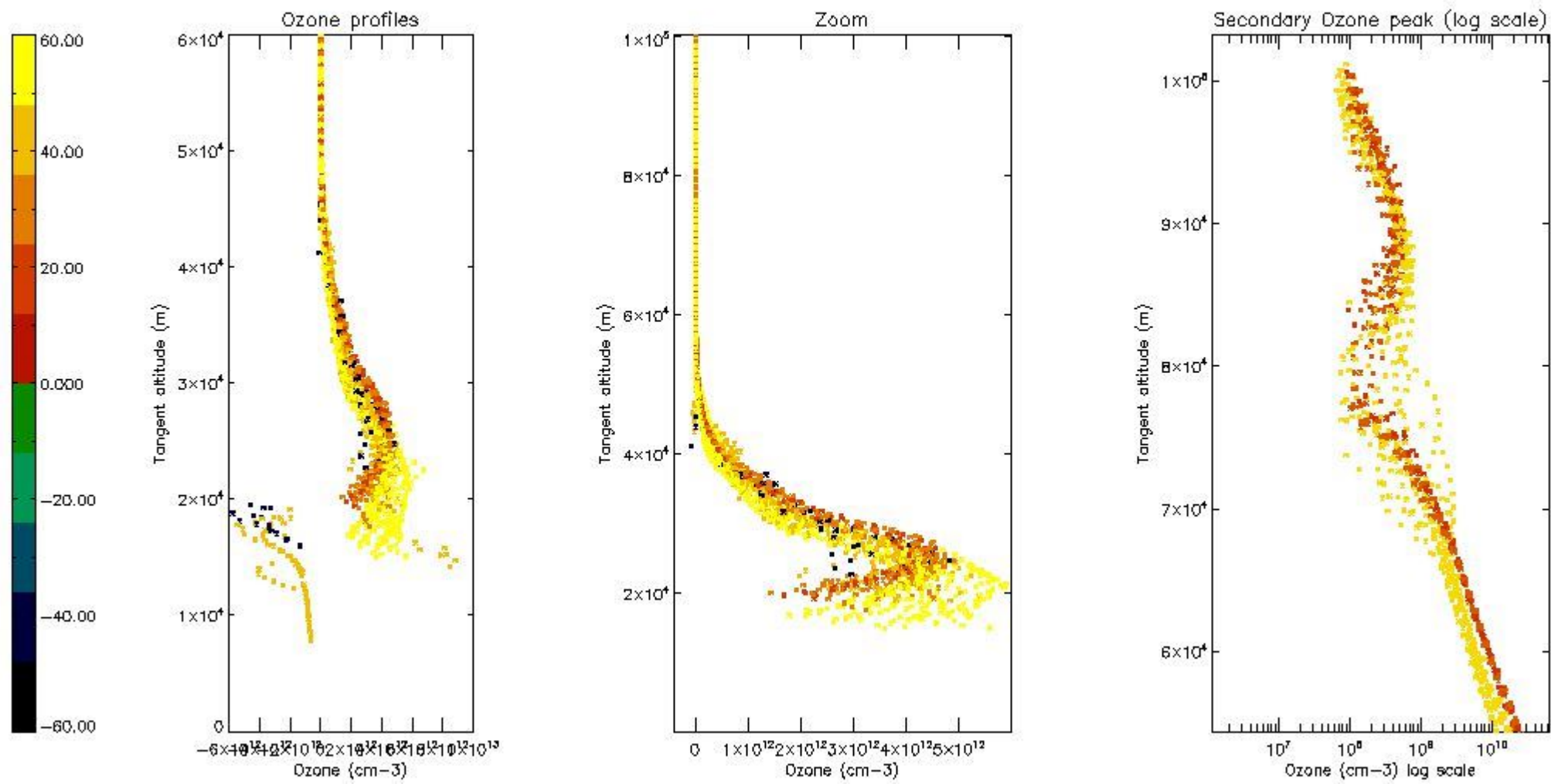
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



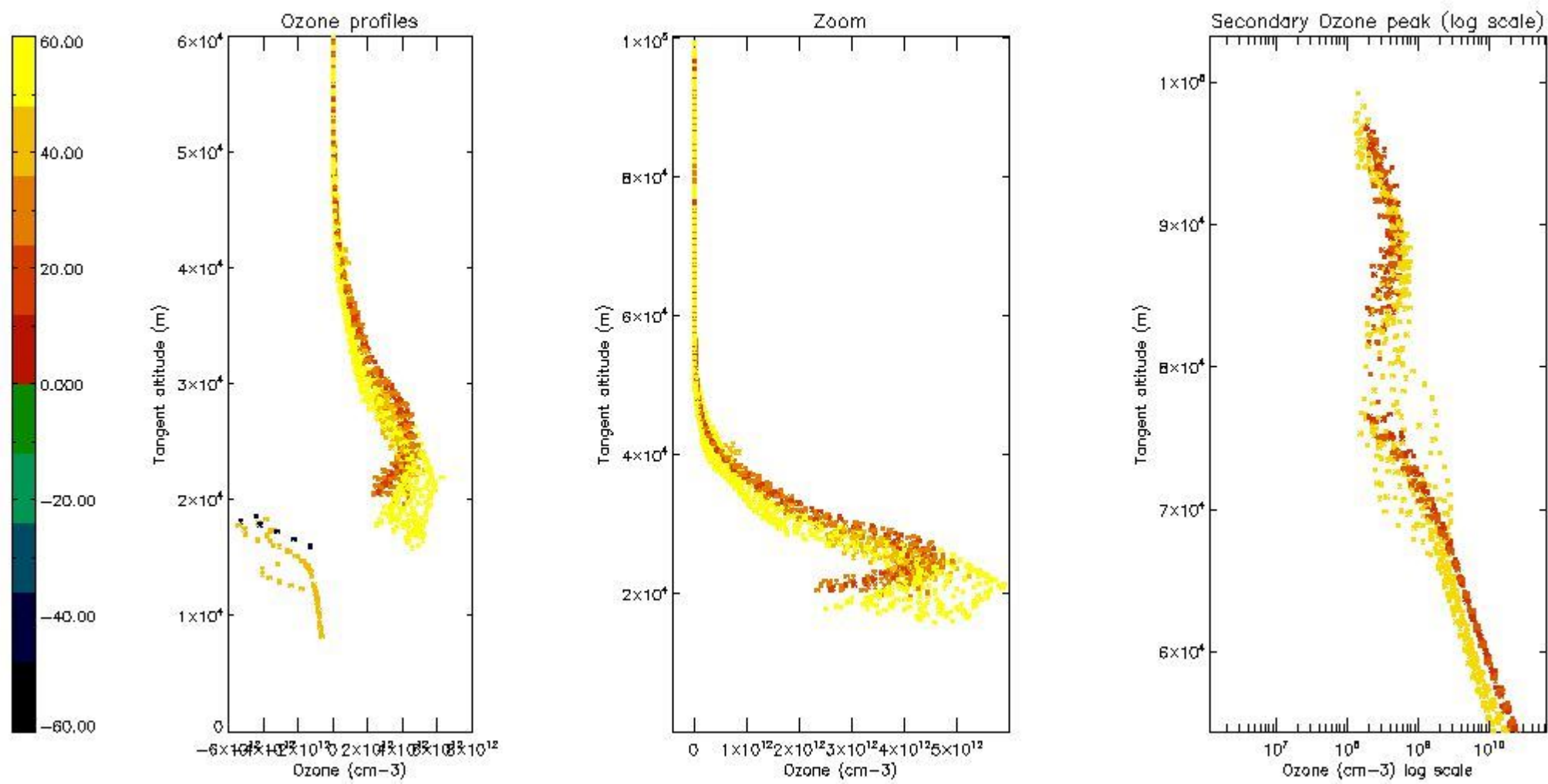
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



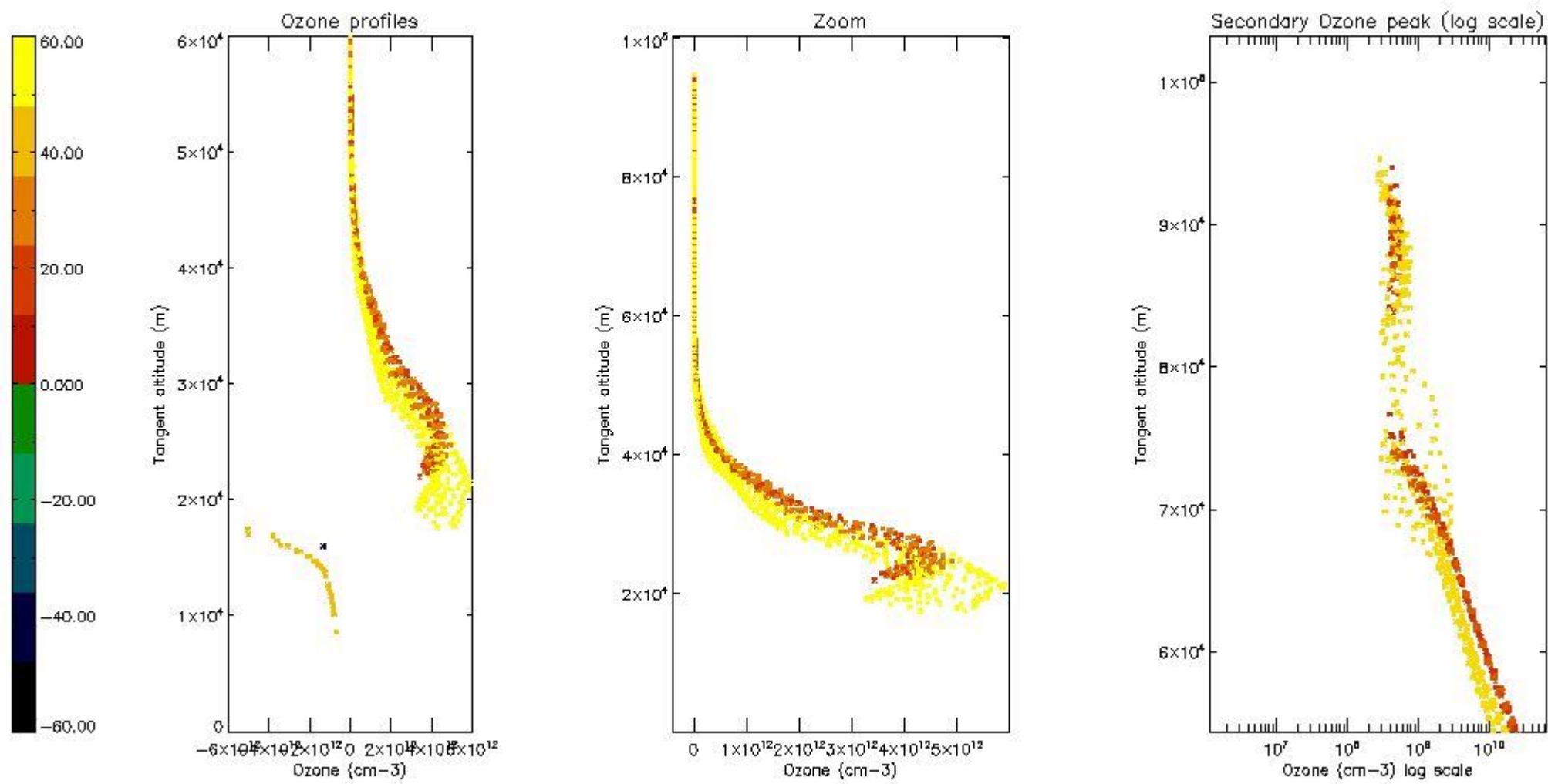
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



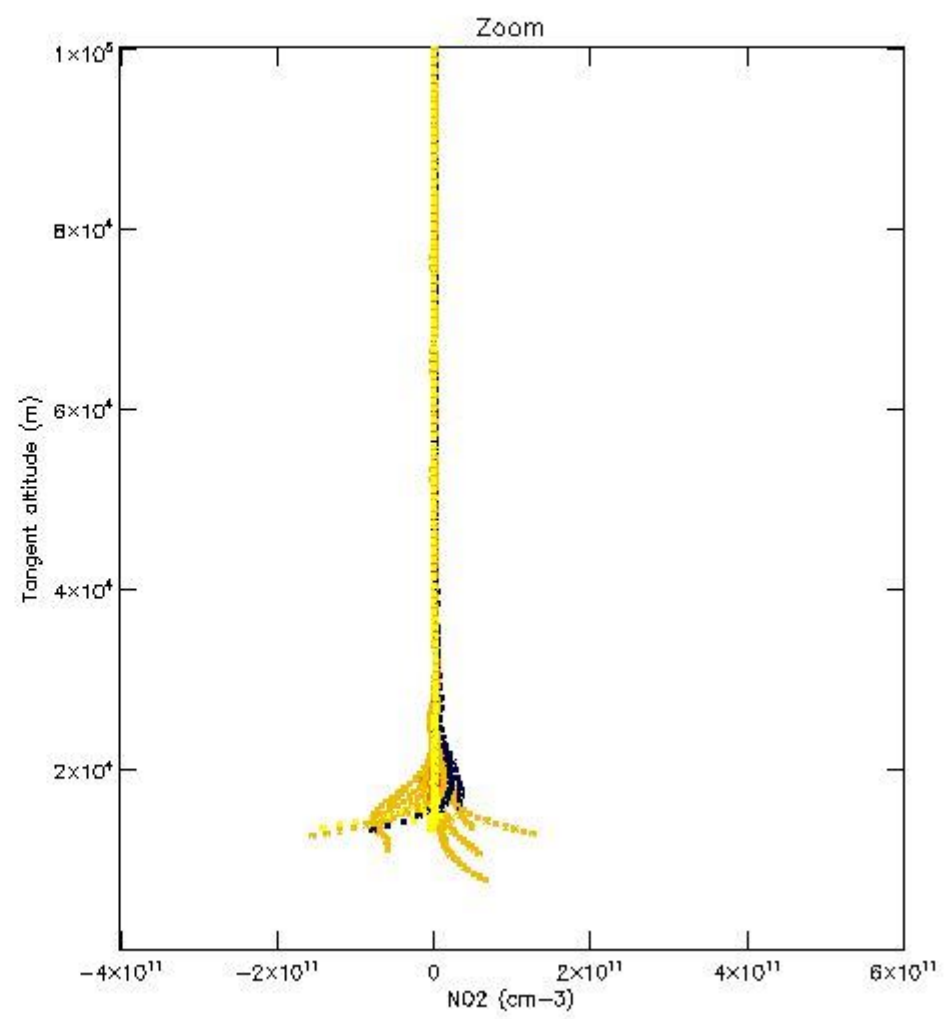
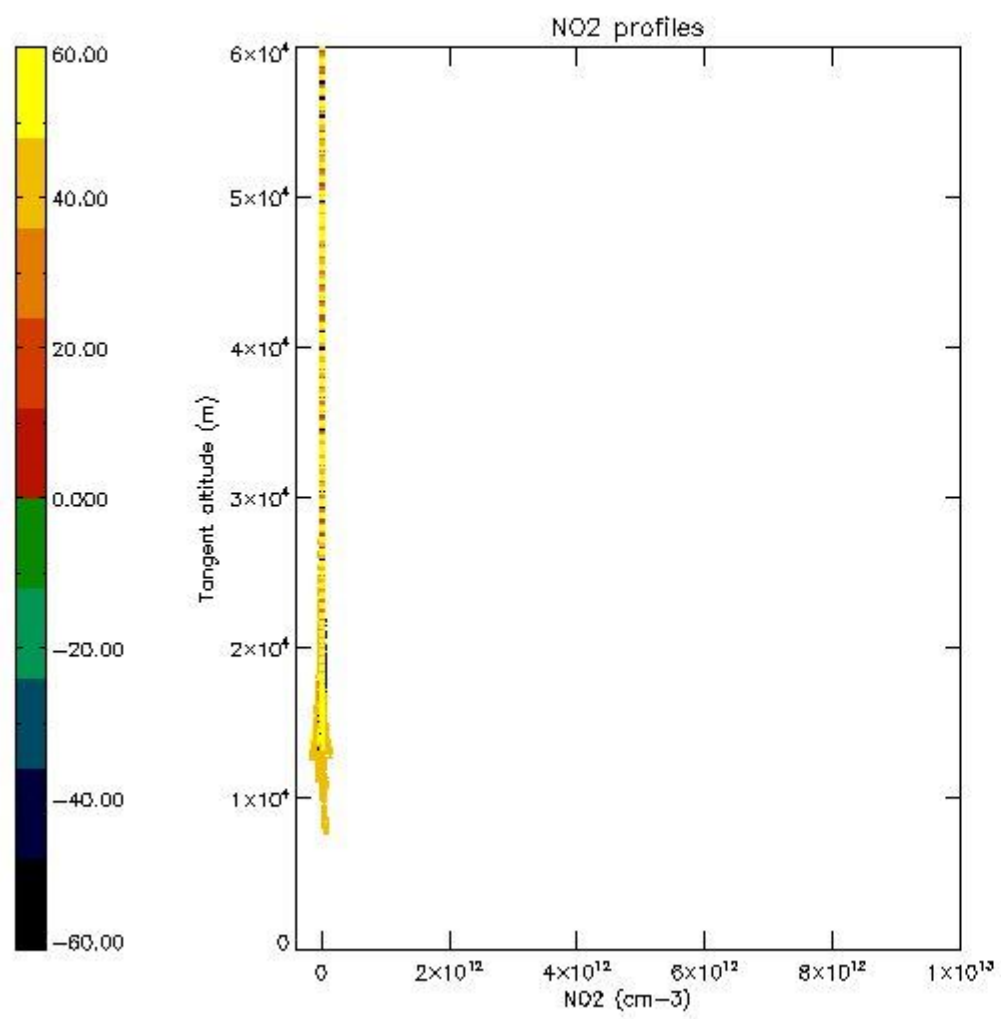
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



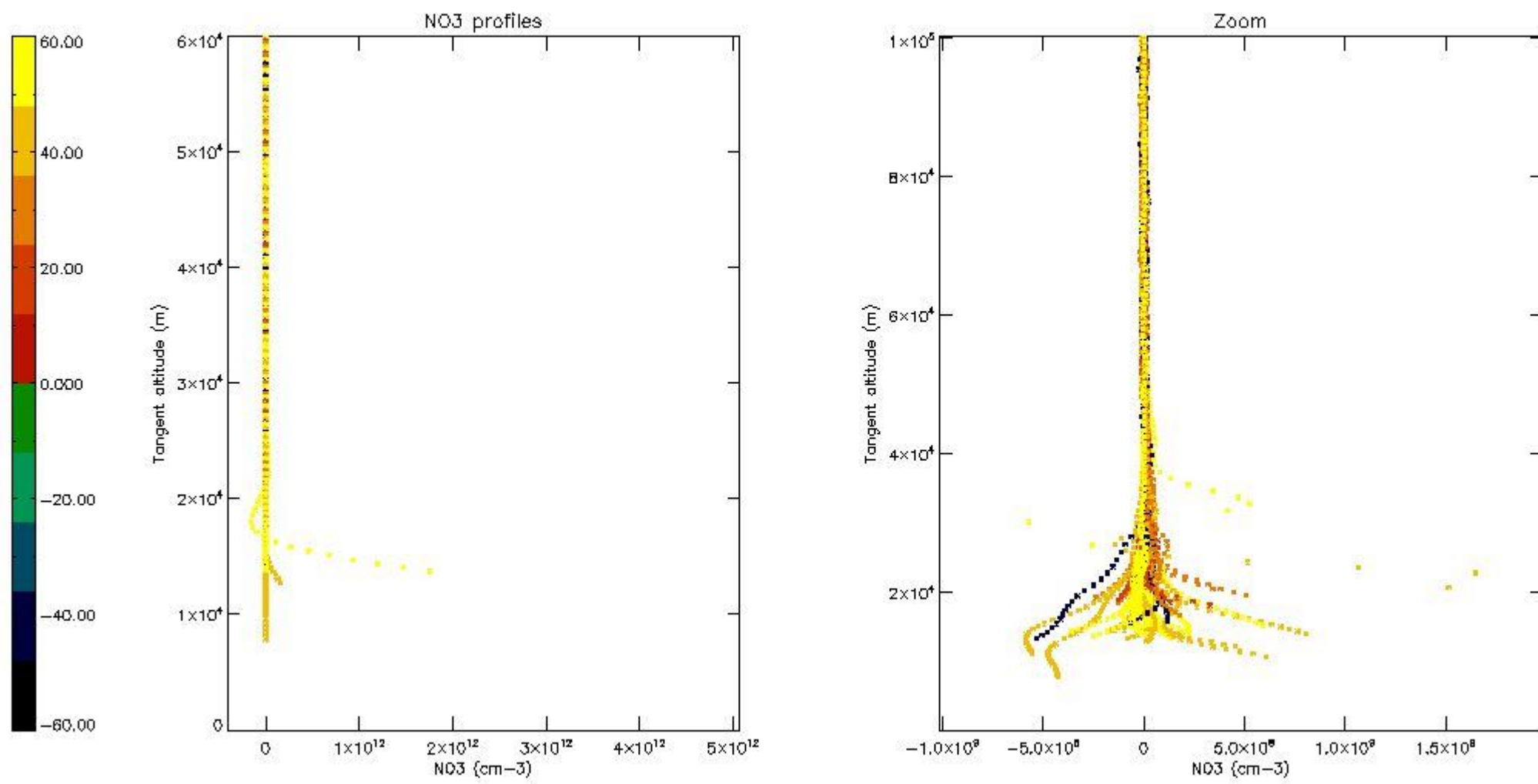
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



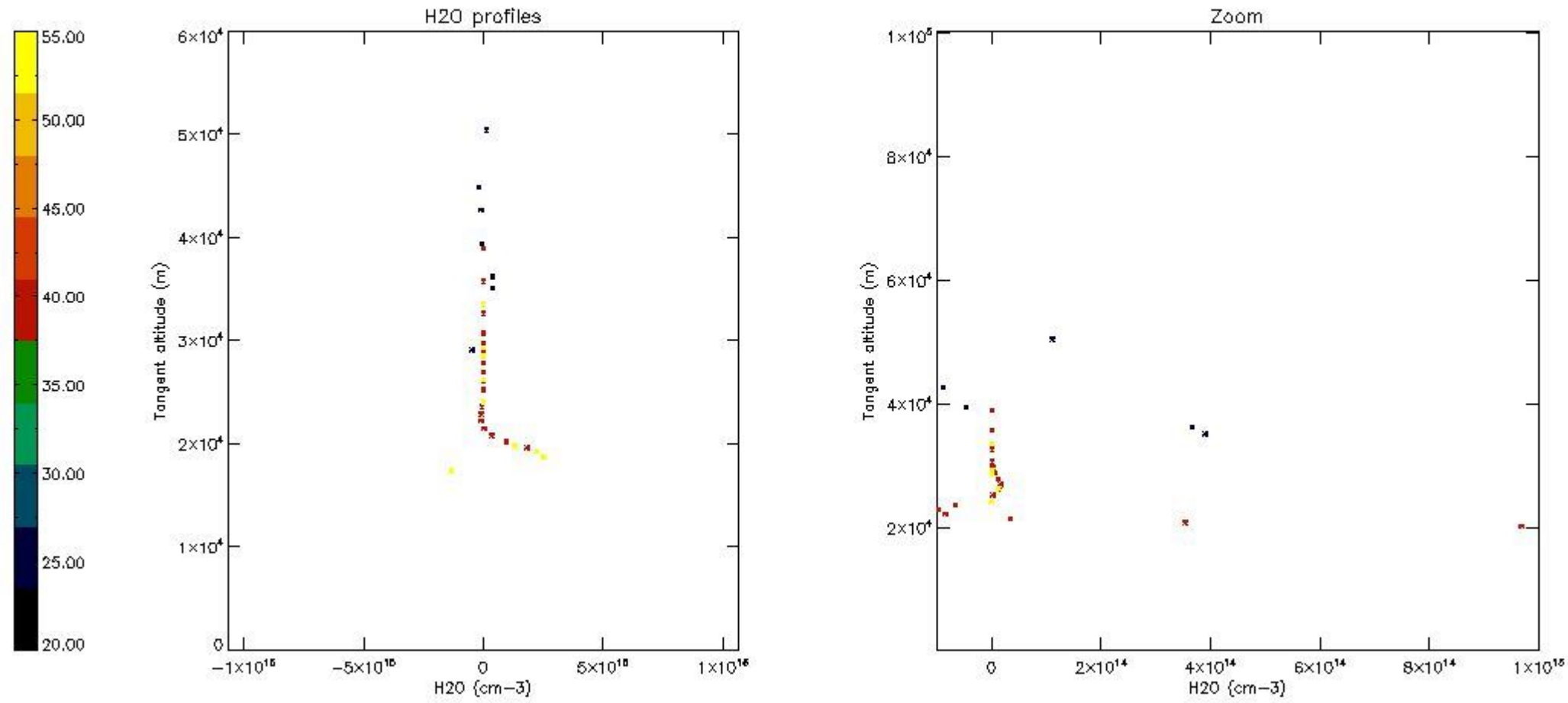
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

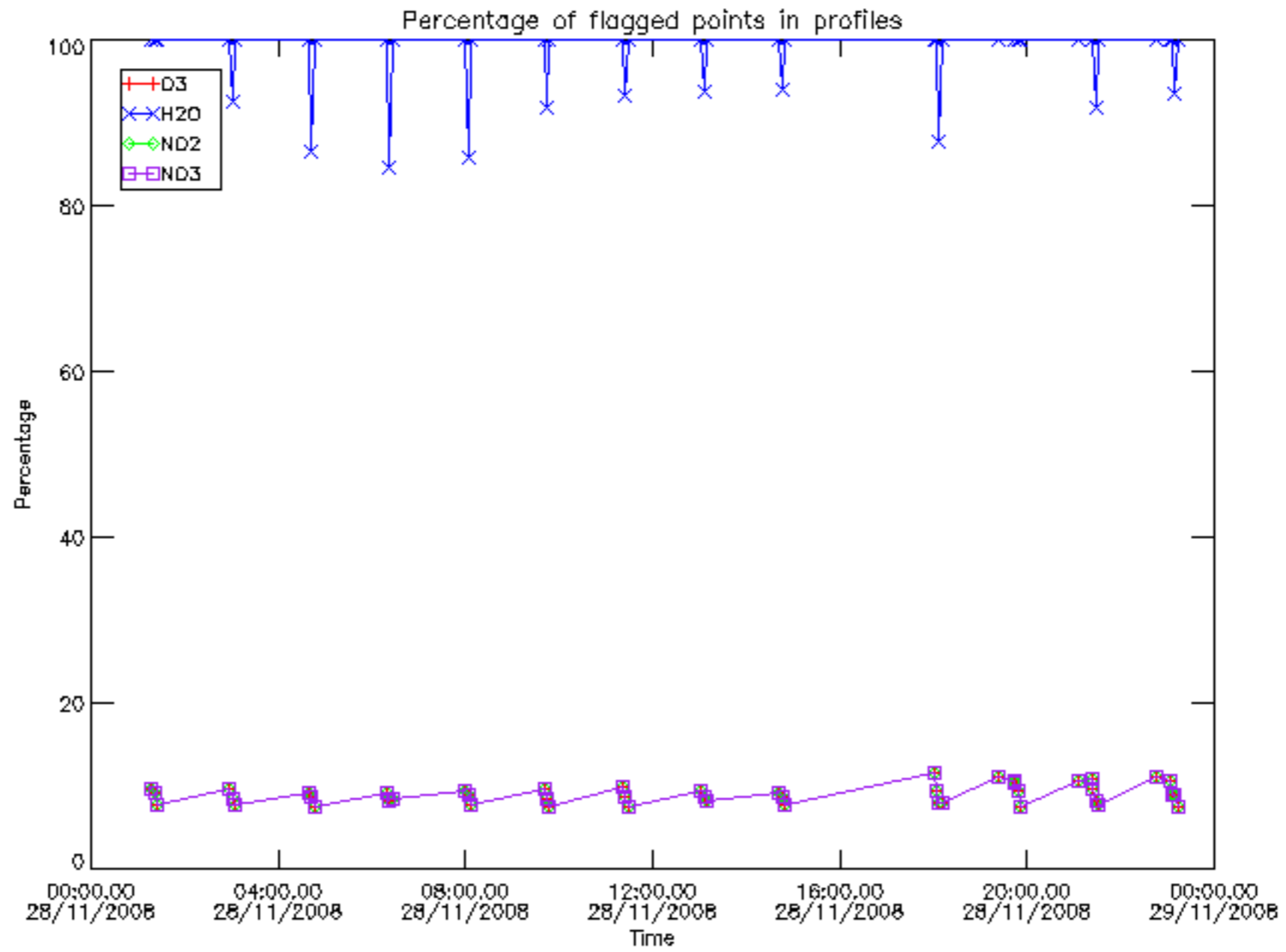
The colorbar represents the latitude.



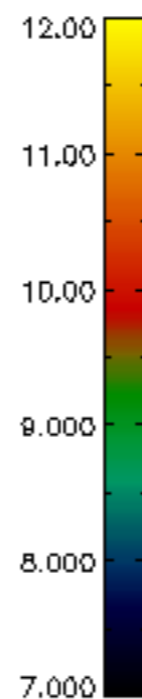
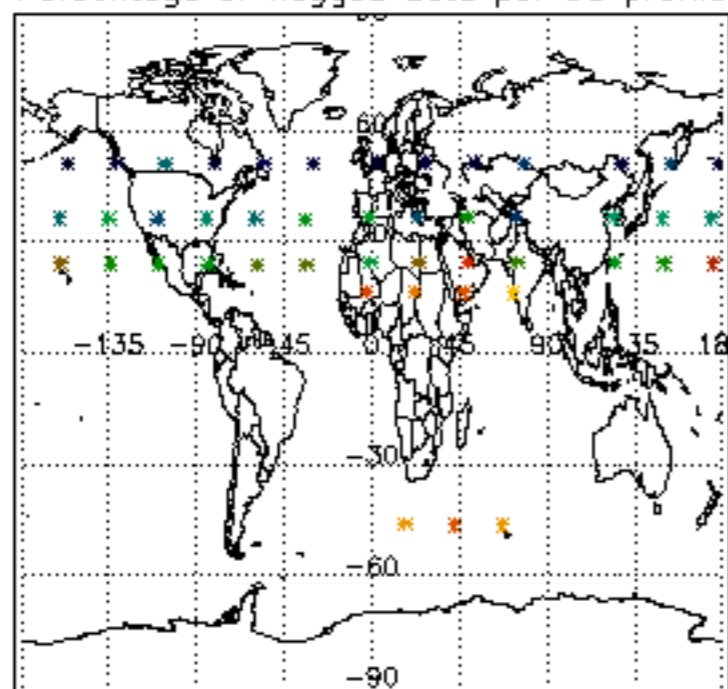
6. Auxiliary Data Files used for the production reported in section 2

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.

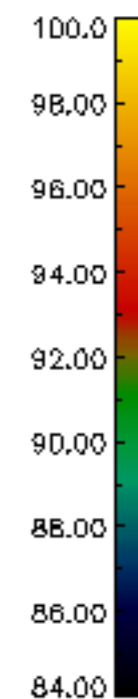
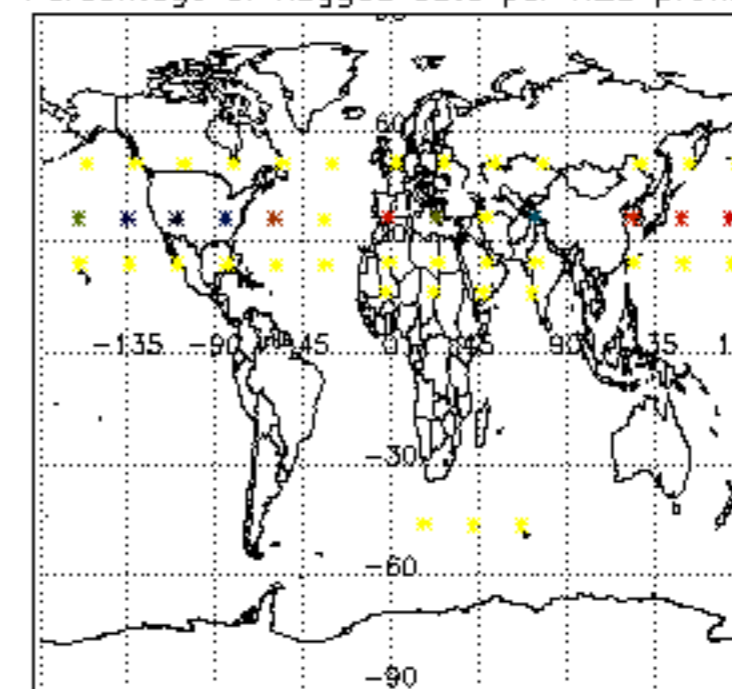
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	28-NOV-2008 00:01:02
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	28-NOV-2008 00:01:02
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	28-NOV-2008 00:01:02



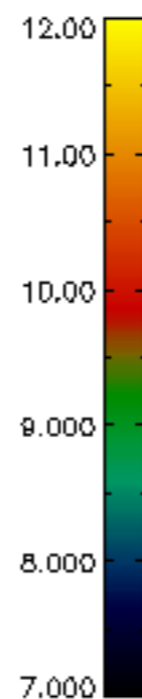
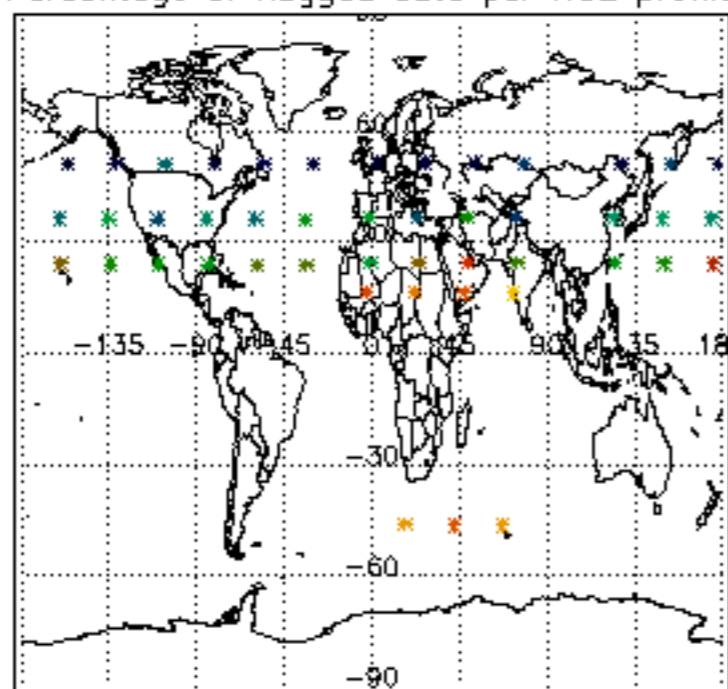
Percentage of flagged data per D3 profile



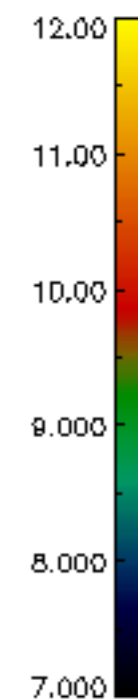
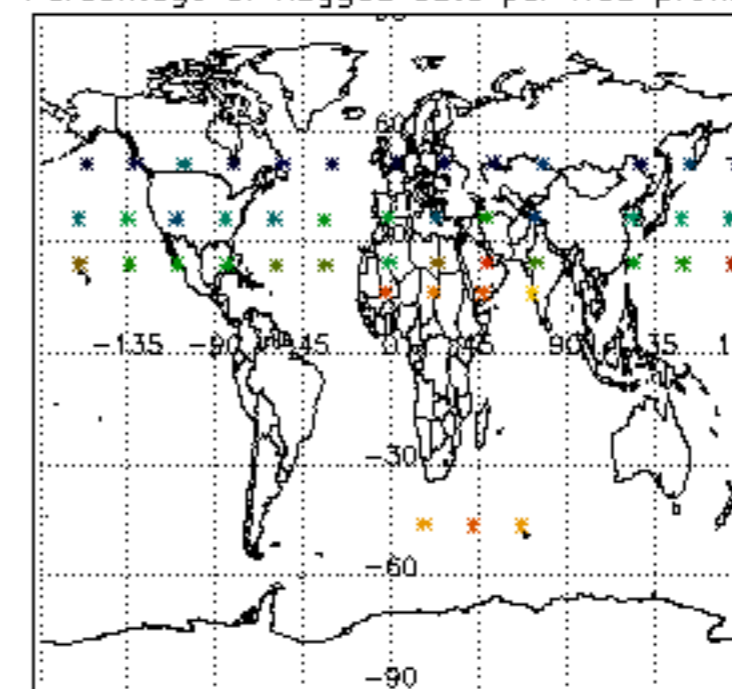
Percentage of flagged data per H2O profile

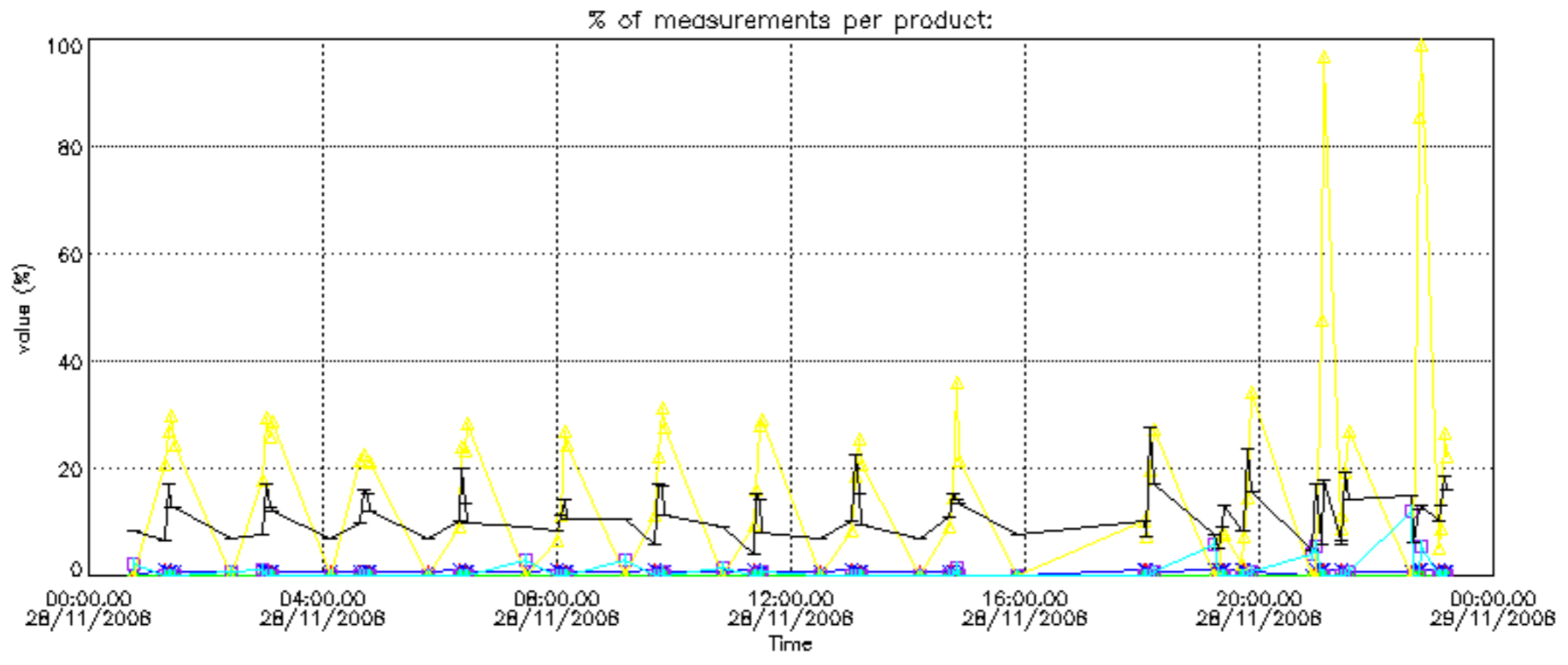


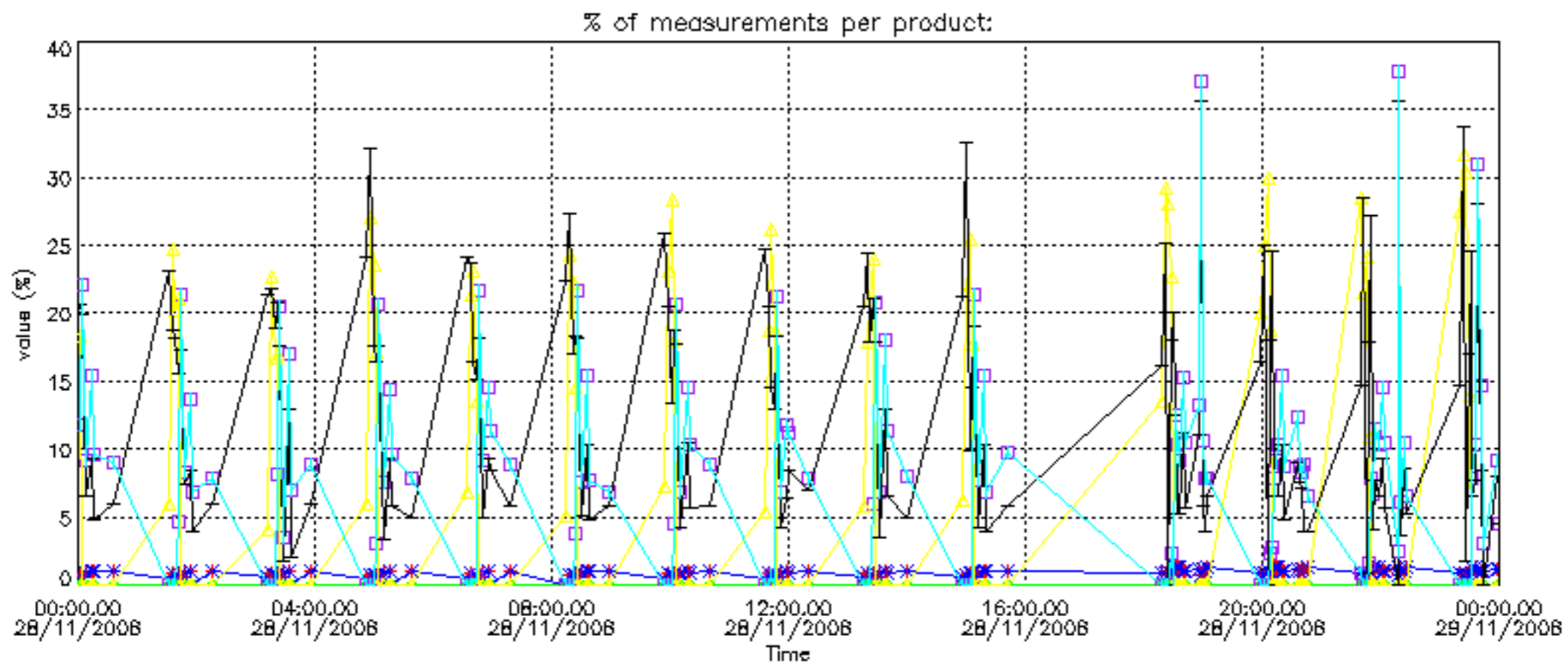
Percentage of flagged data per NO2 profile



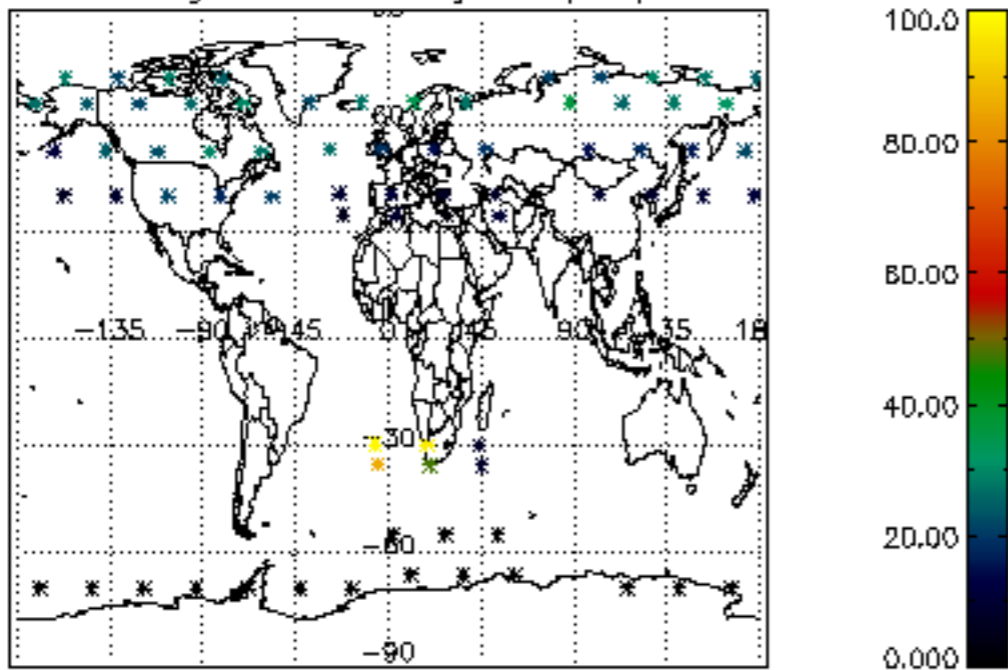
Percentage of flagged data per NO3 profile



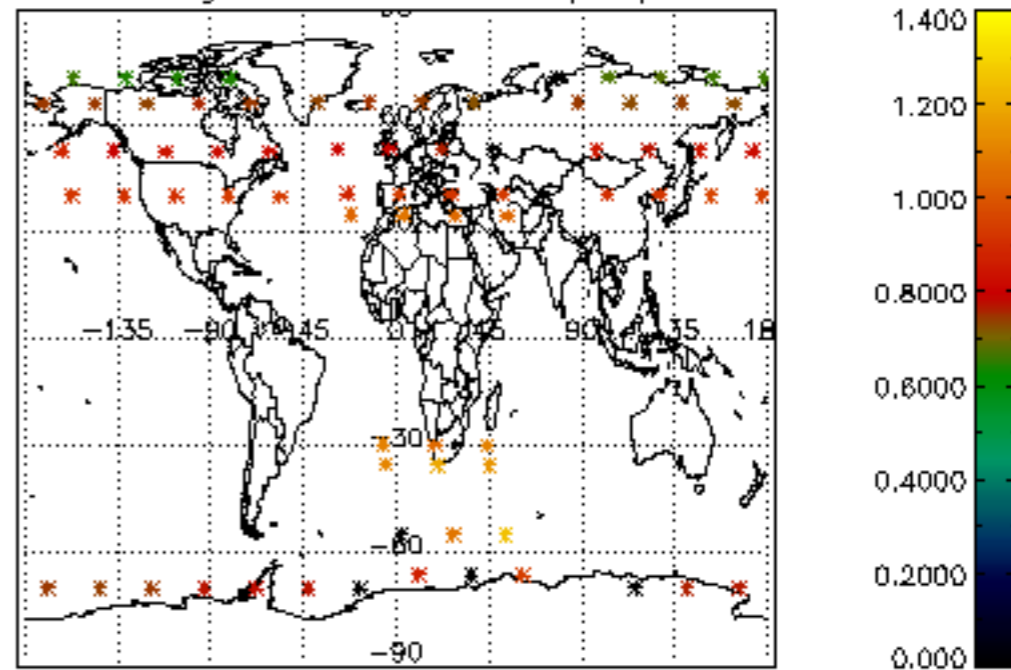




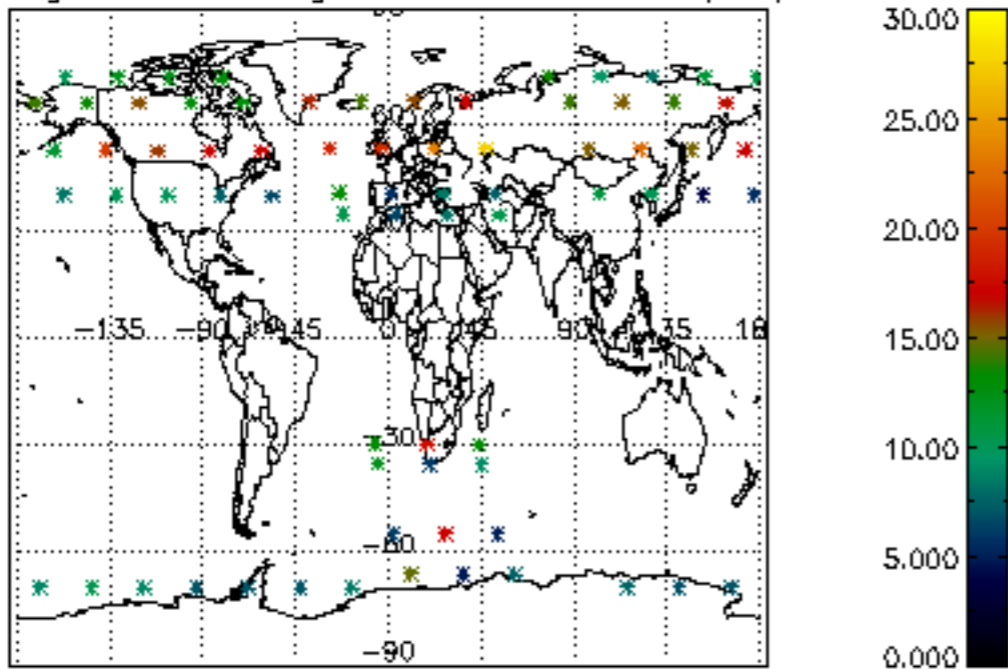
Percentage of cosmic ray hits per profile



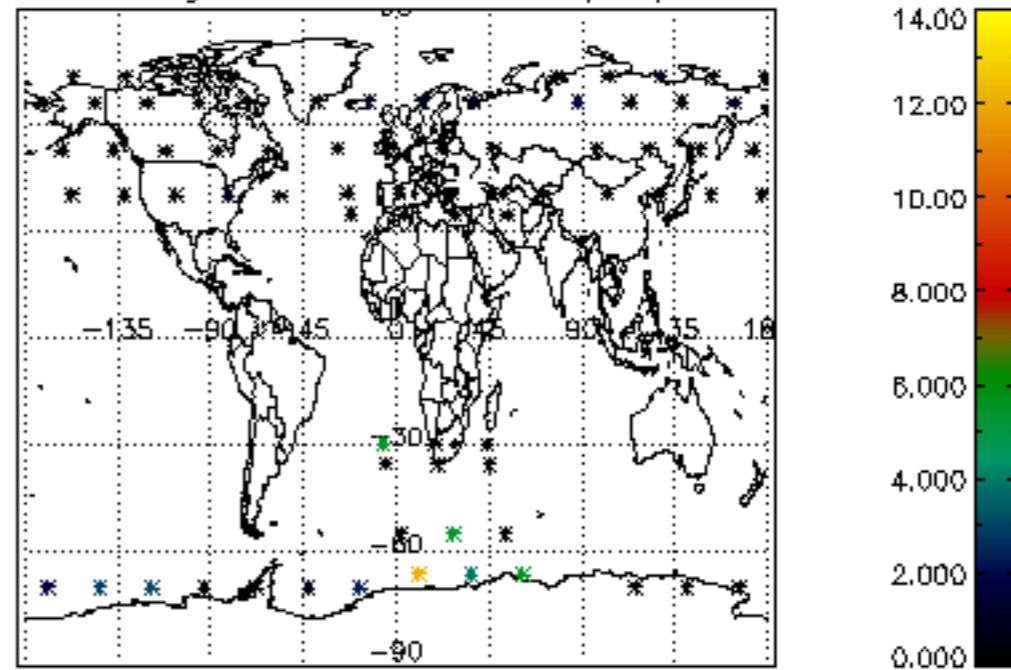
Percentage of datation errors per profile



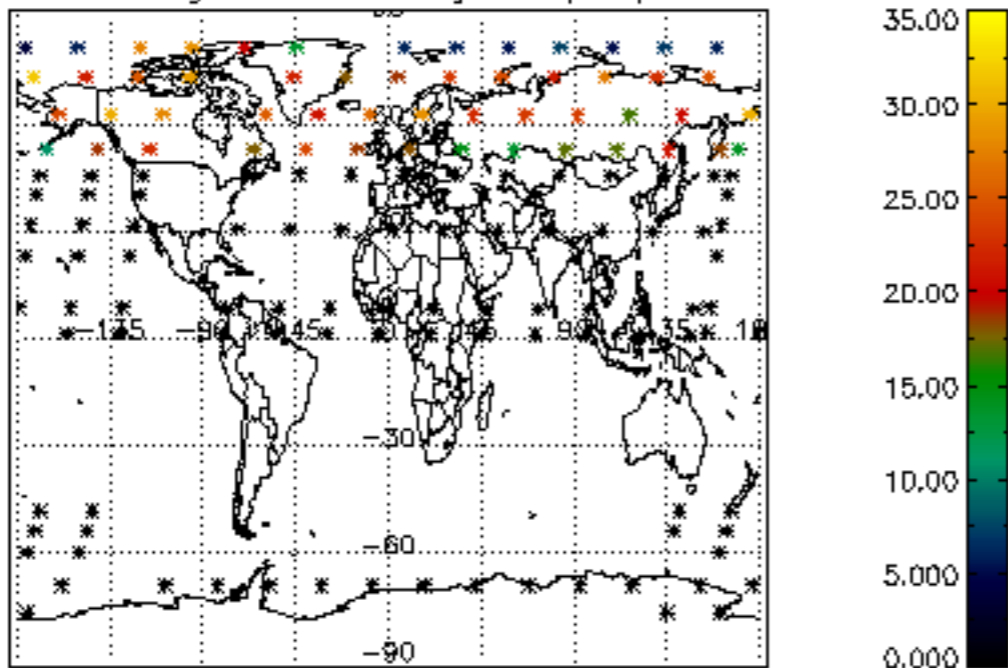
Percentage of star falling outside central band per profile



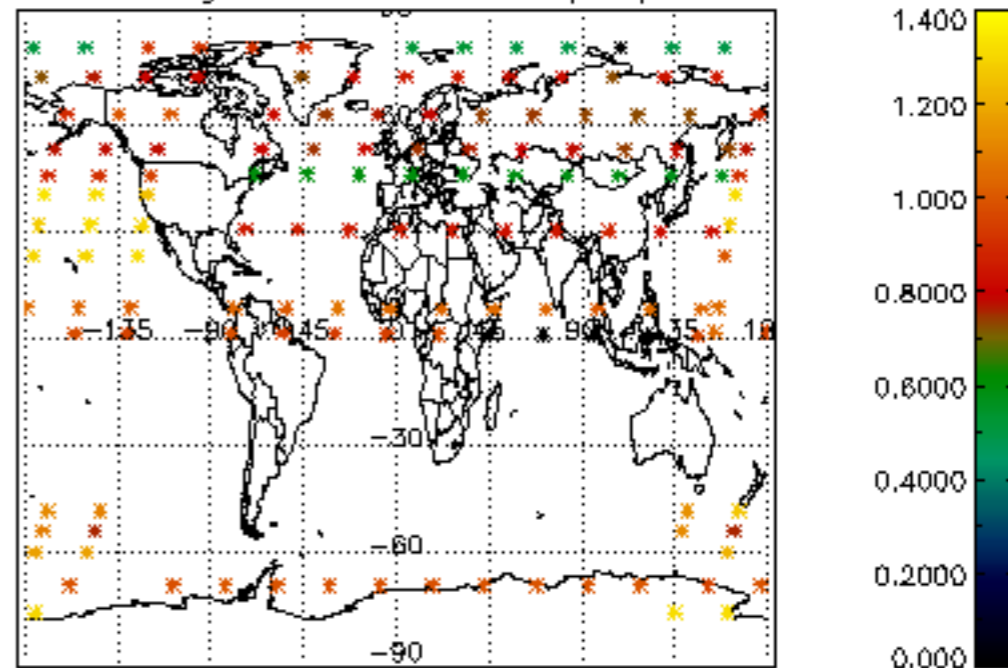
Percentage of saturation errors per profile



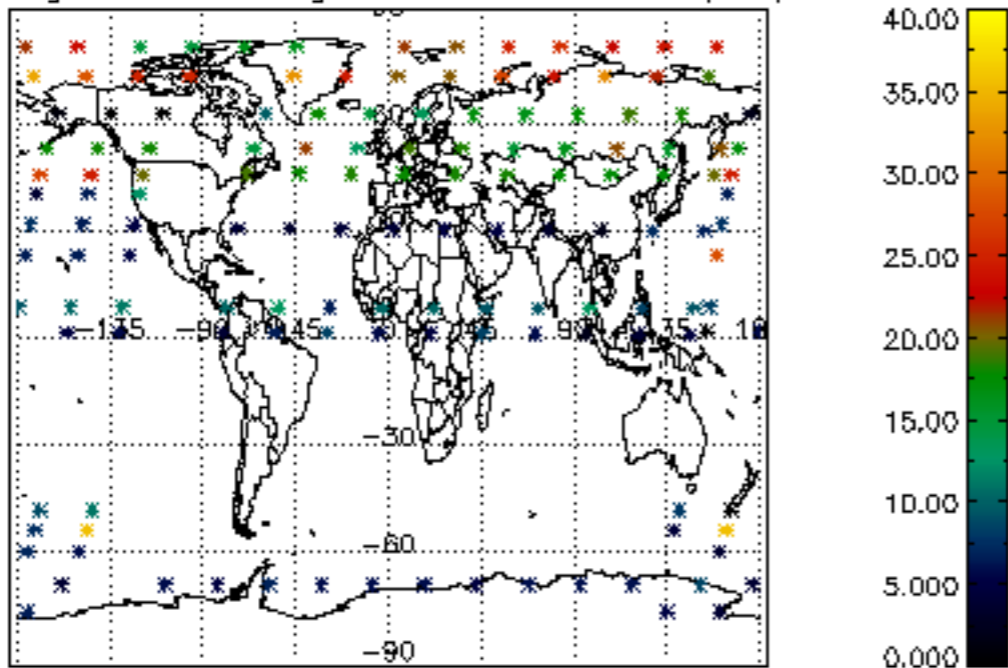
Percentage of cosmic ray hits per profile



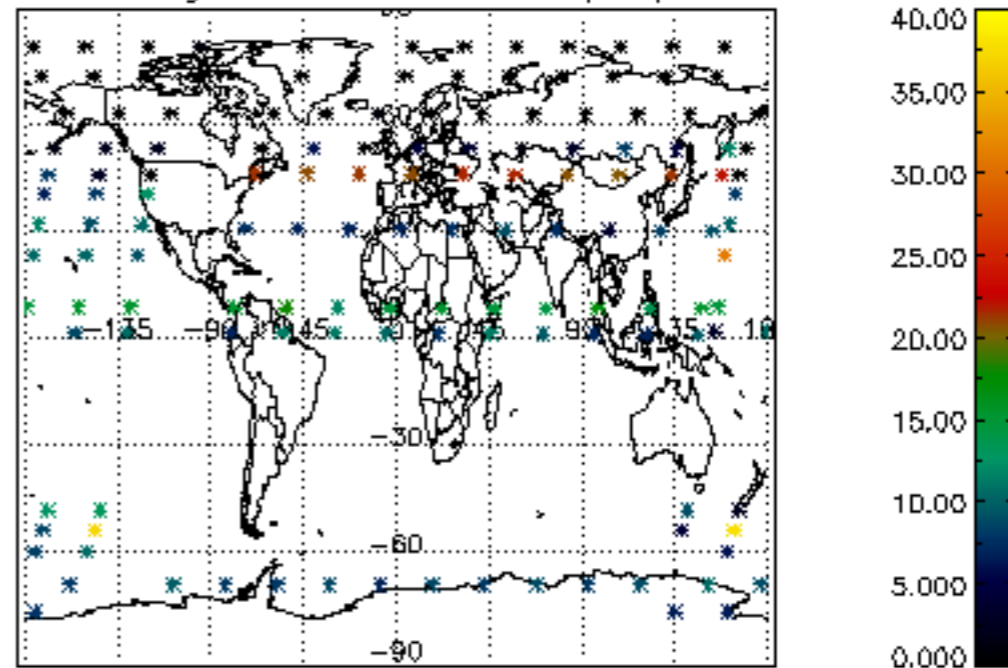
Percentage of datation errors per profile

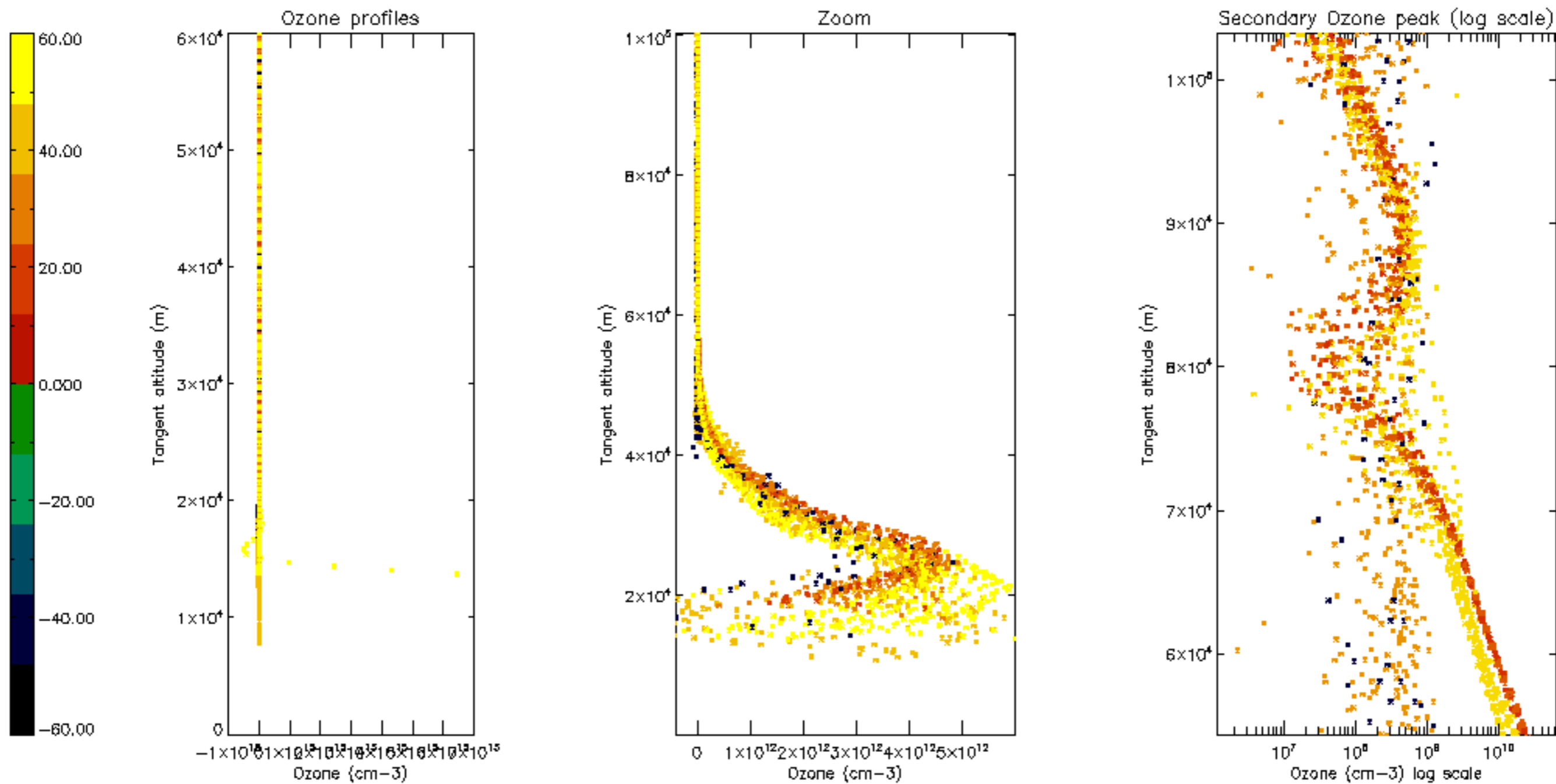


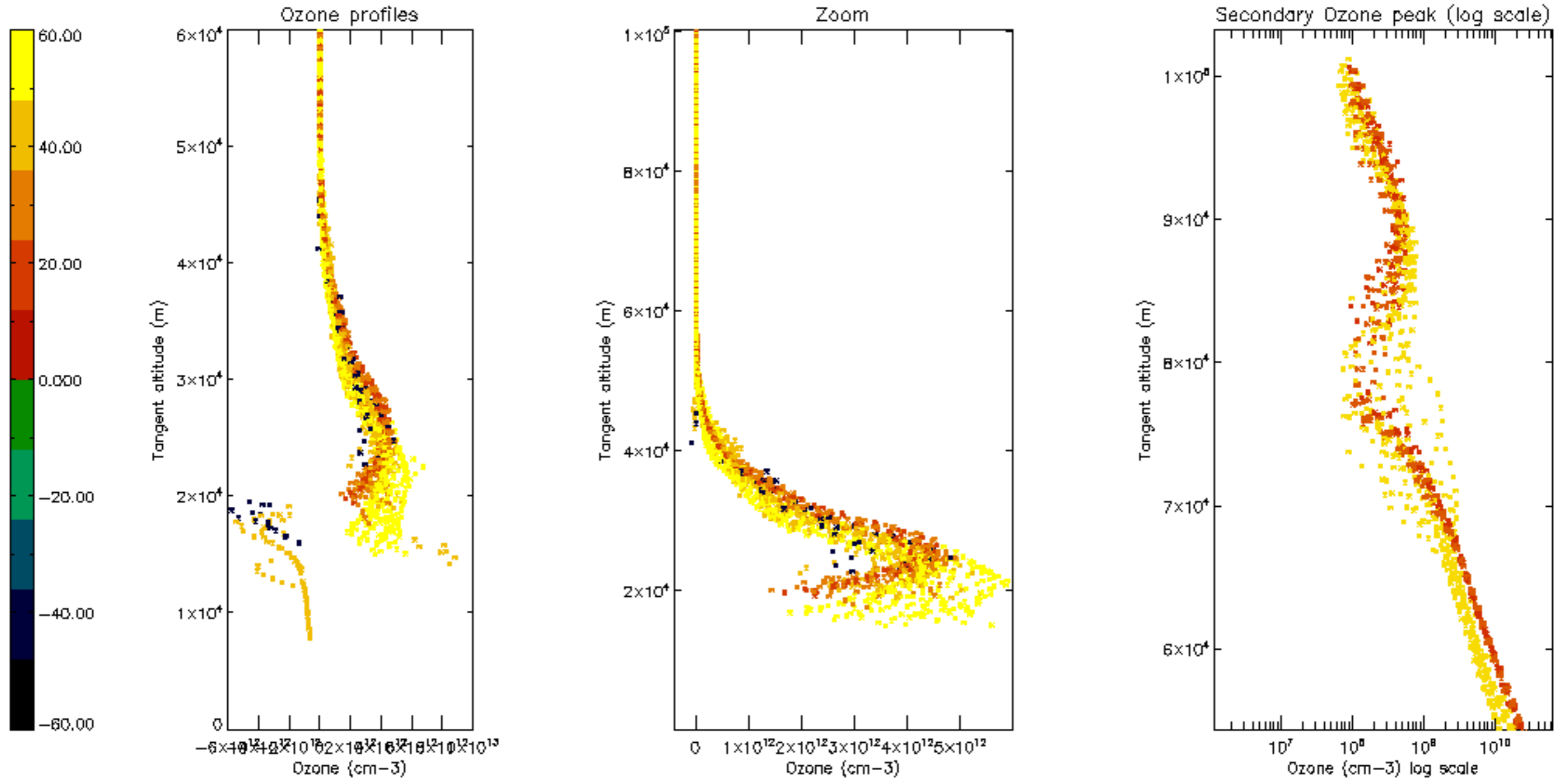
Percentage of star falling outside central band per profile

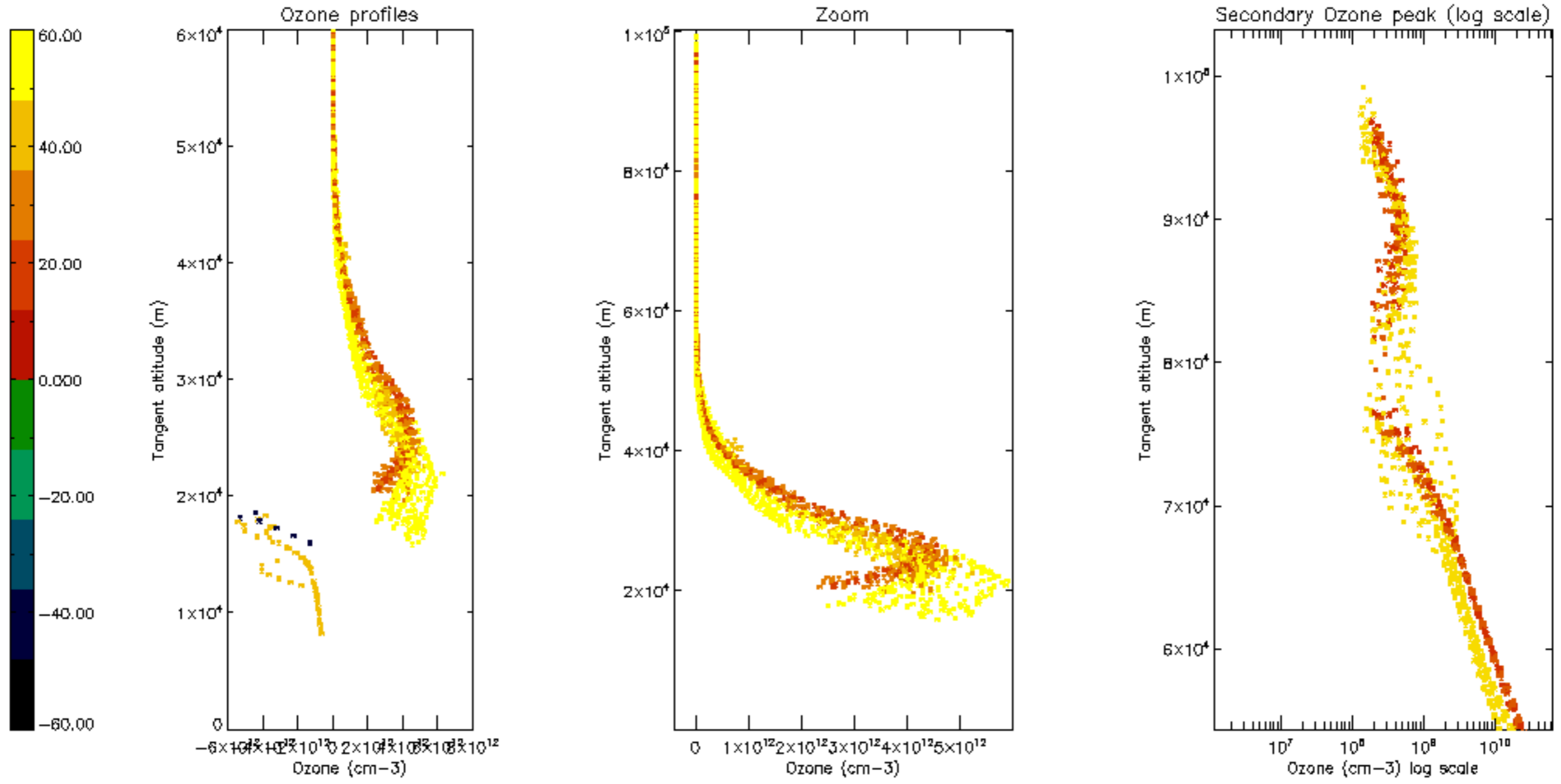


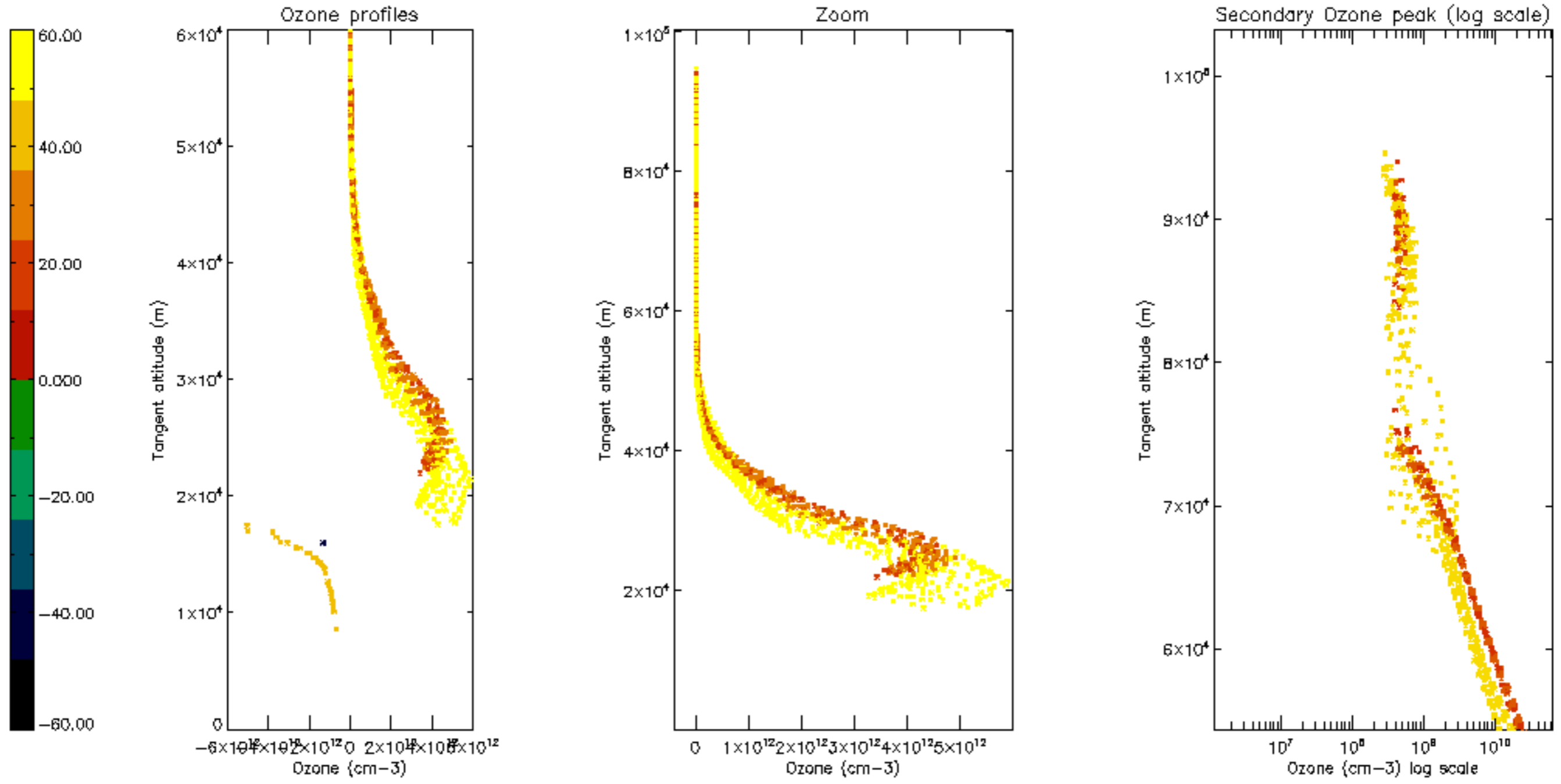
Percentage of saturation errors per profile

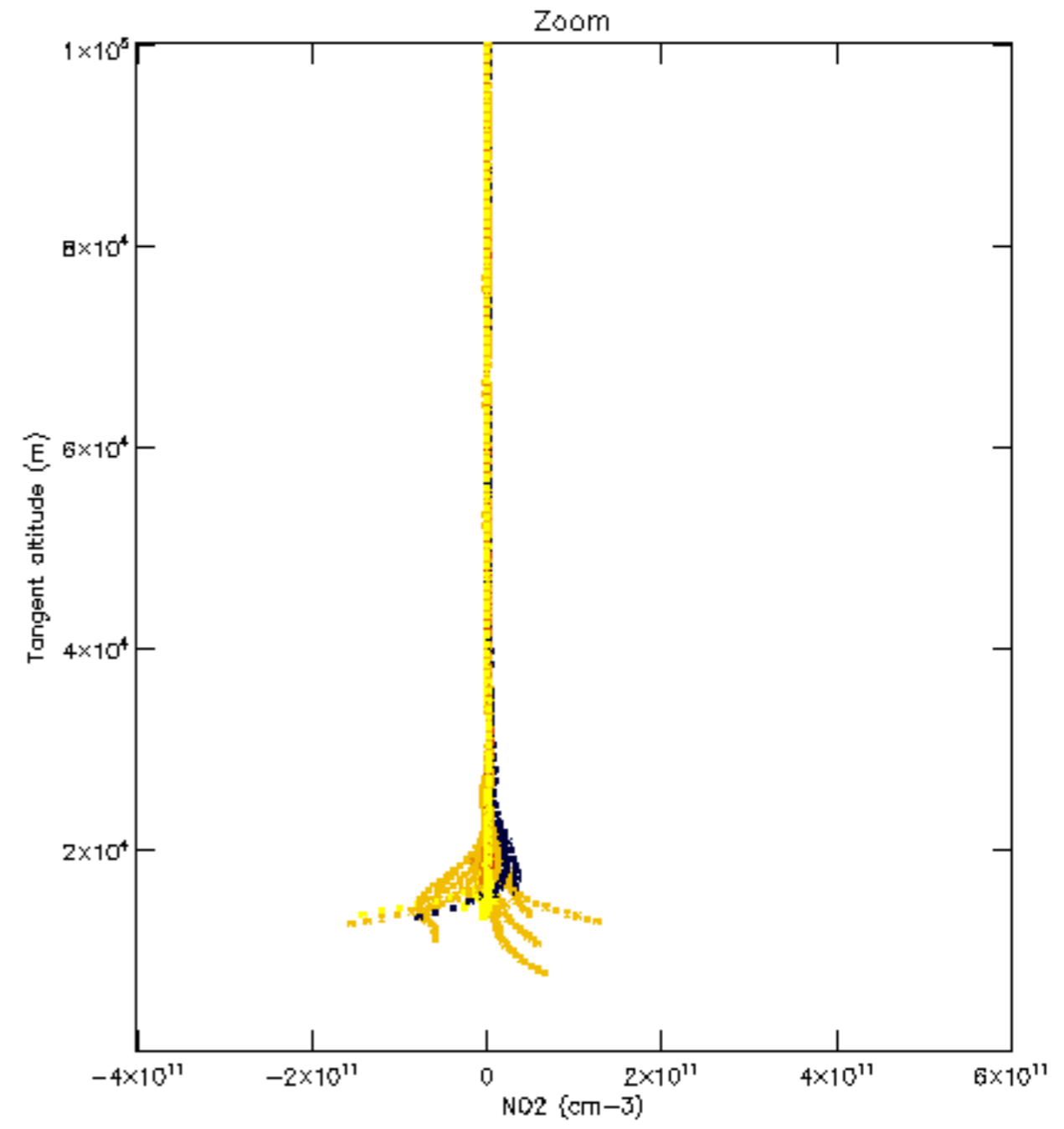
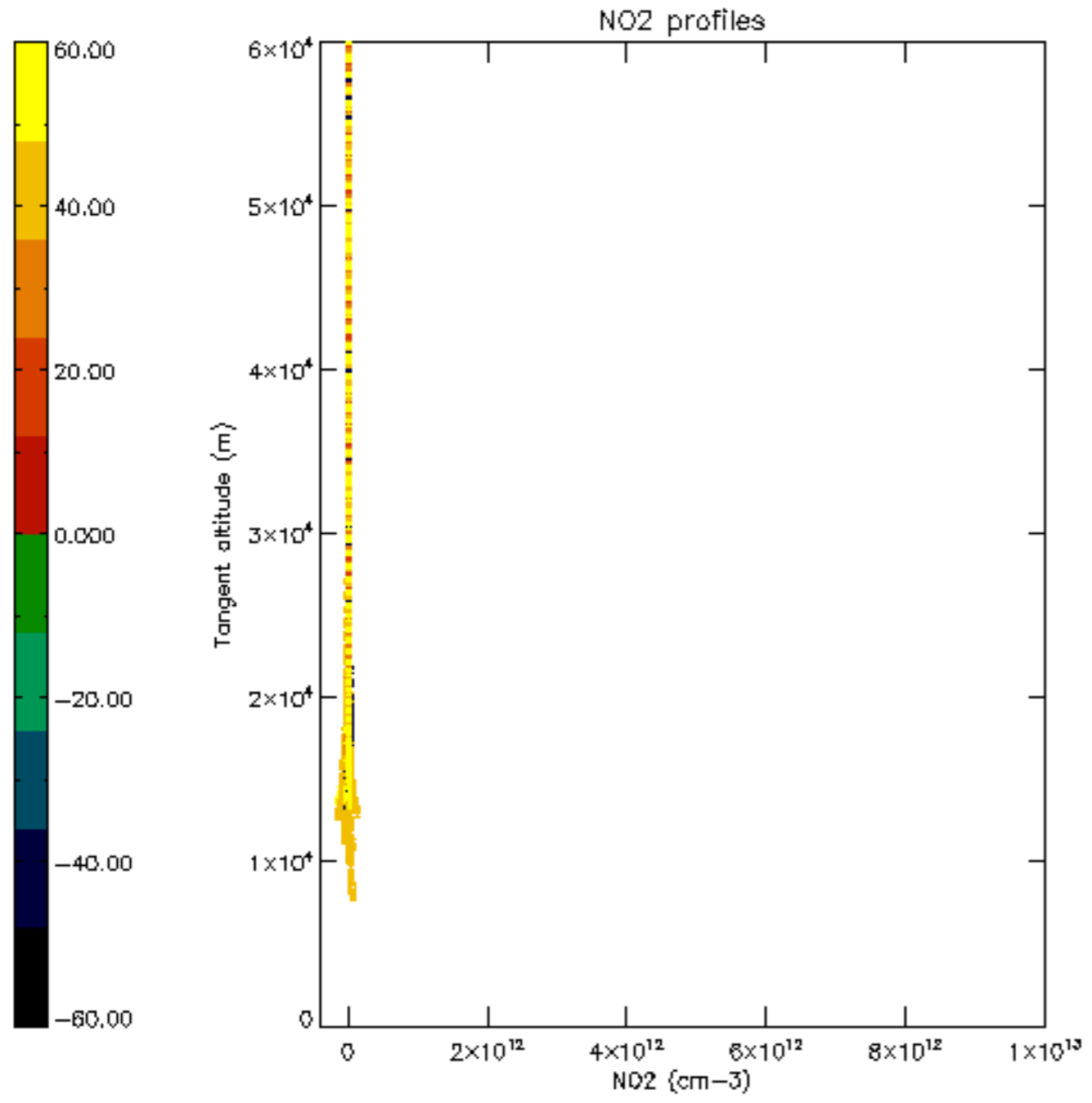


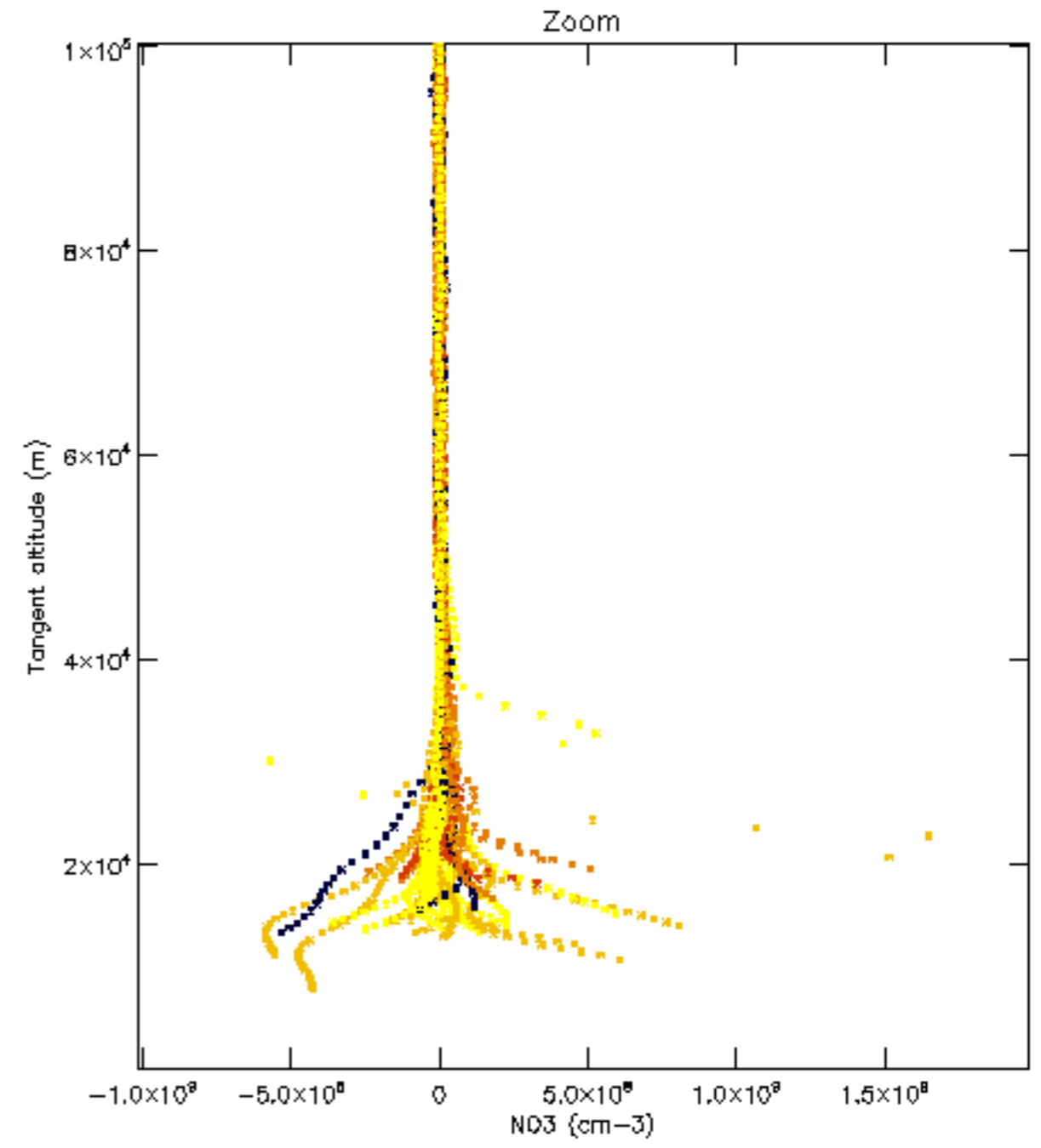
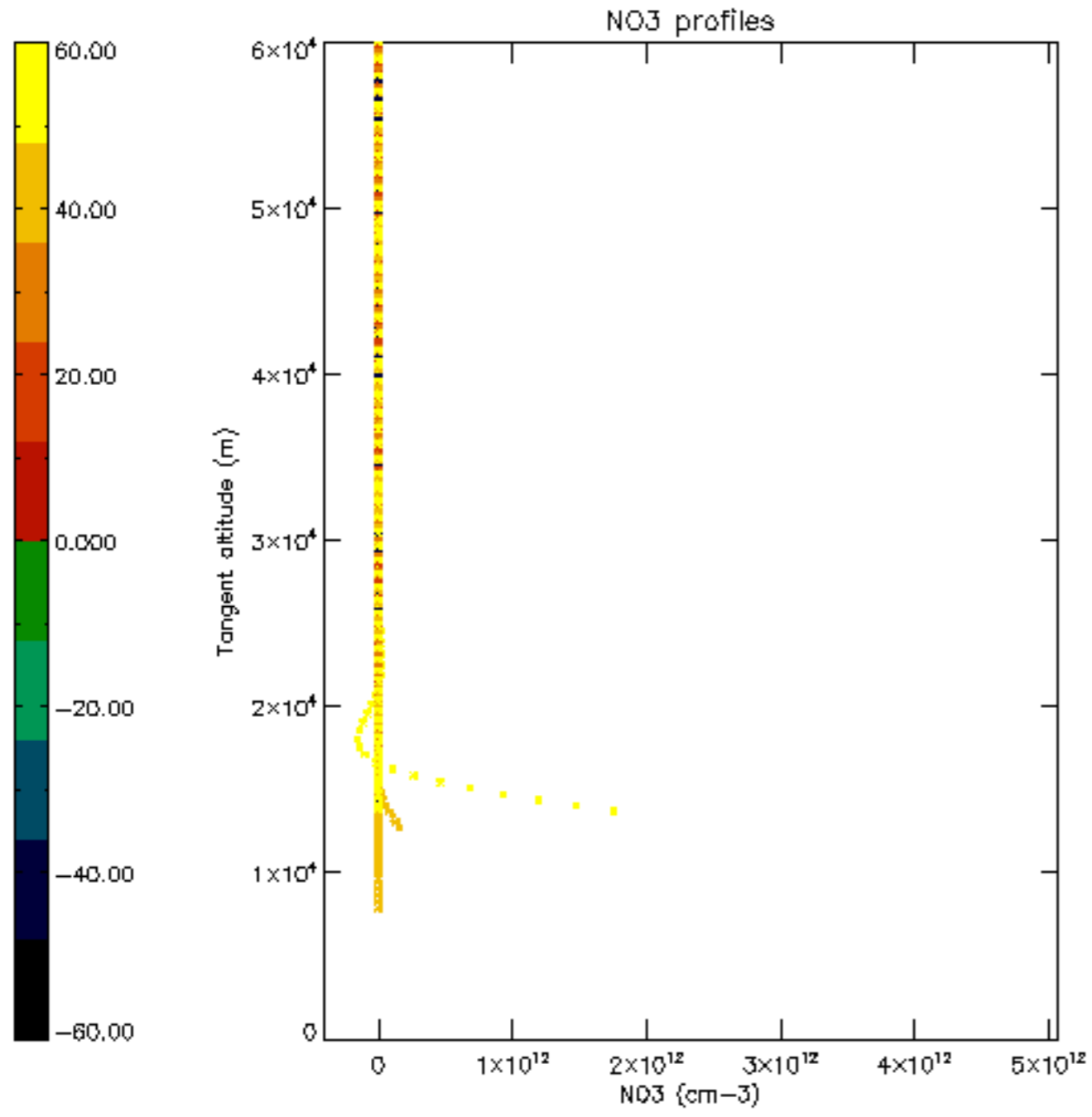


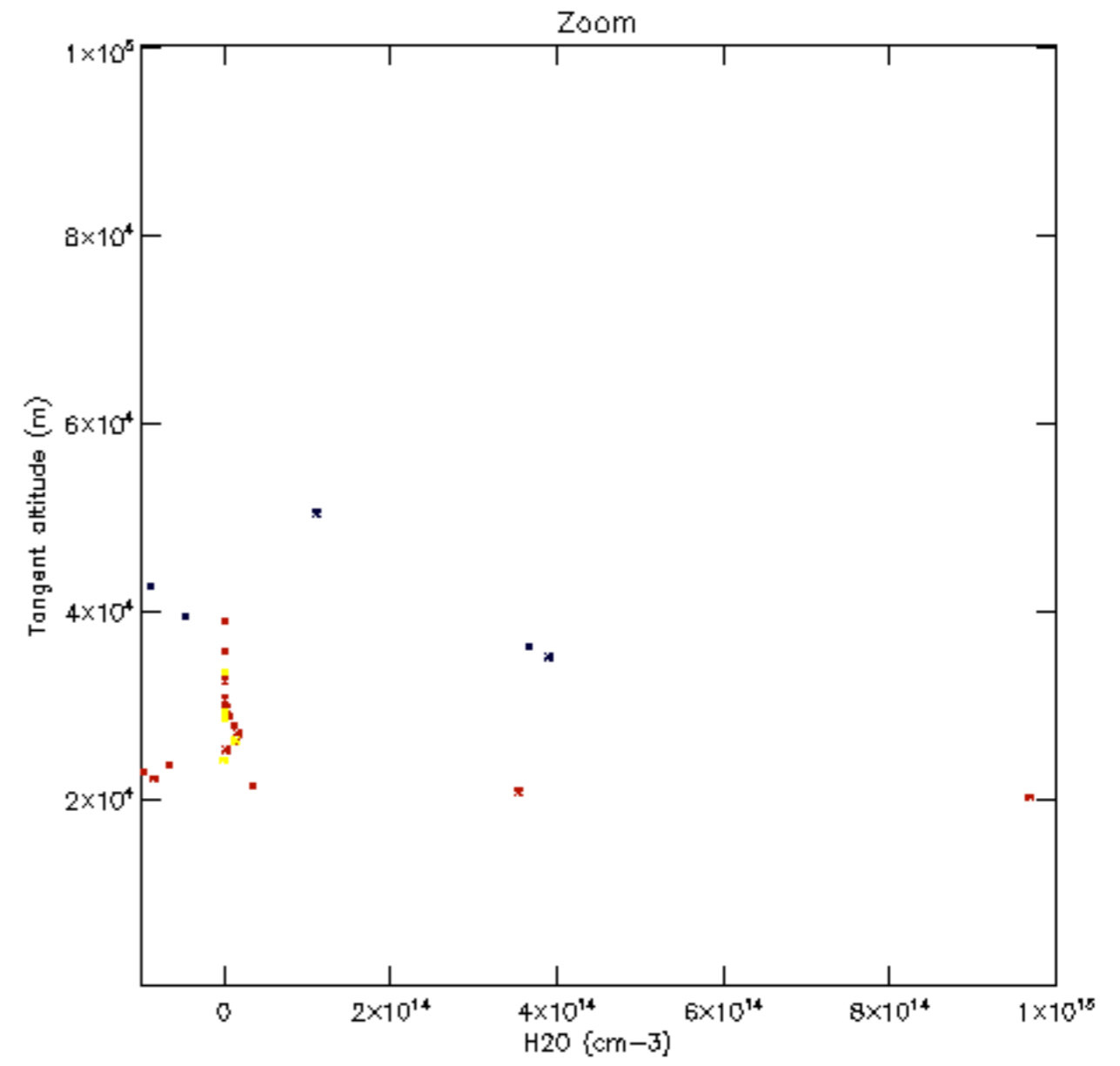
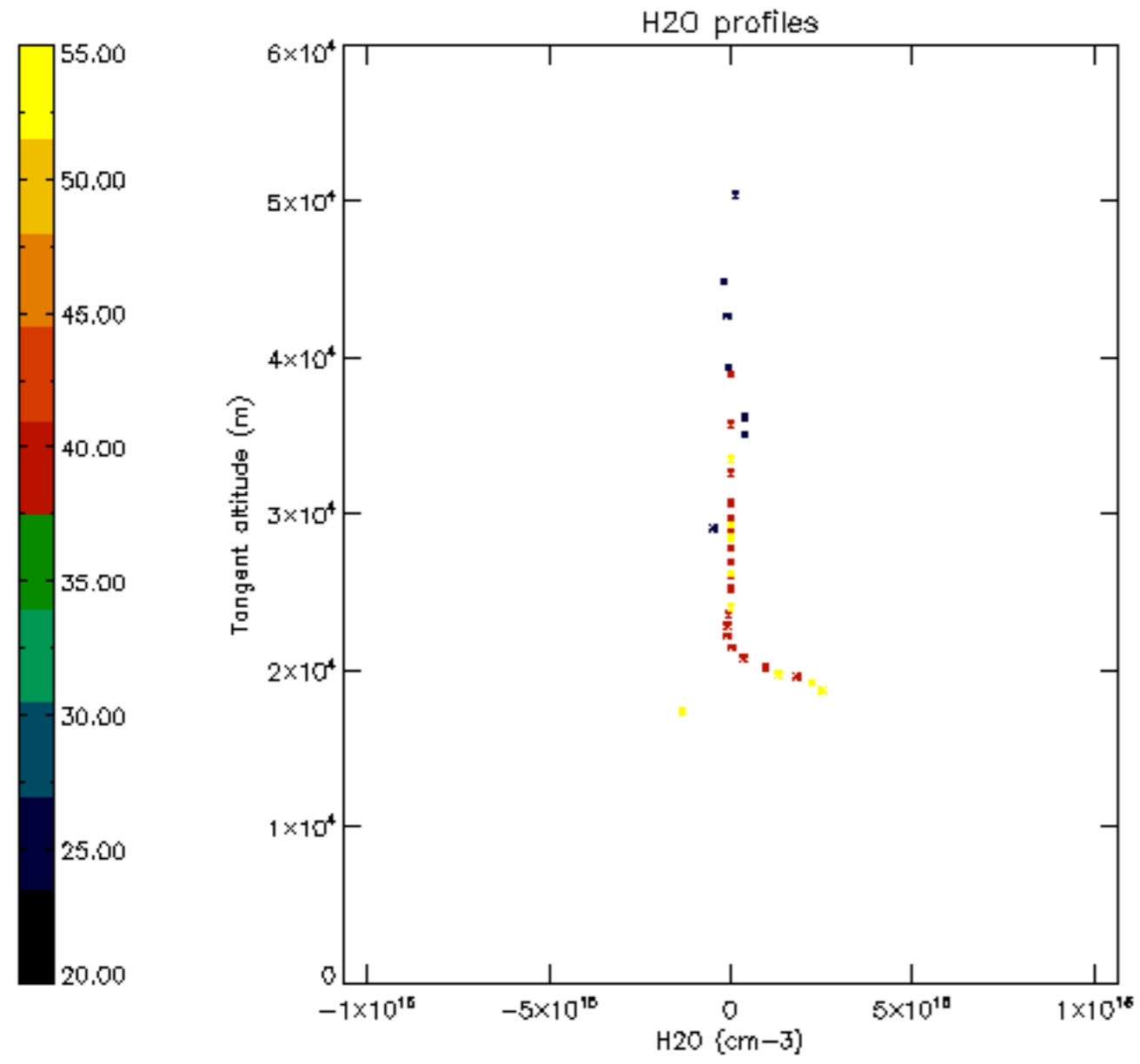


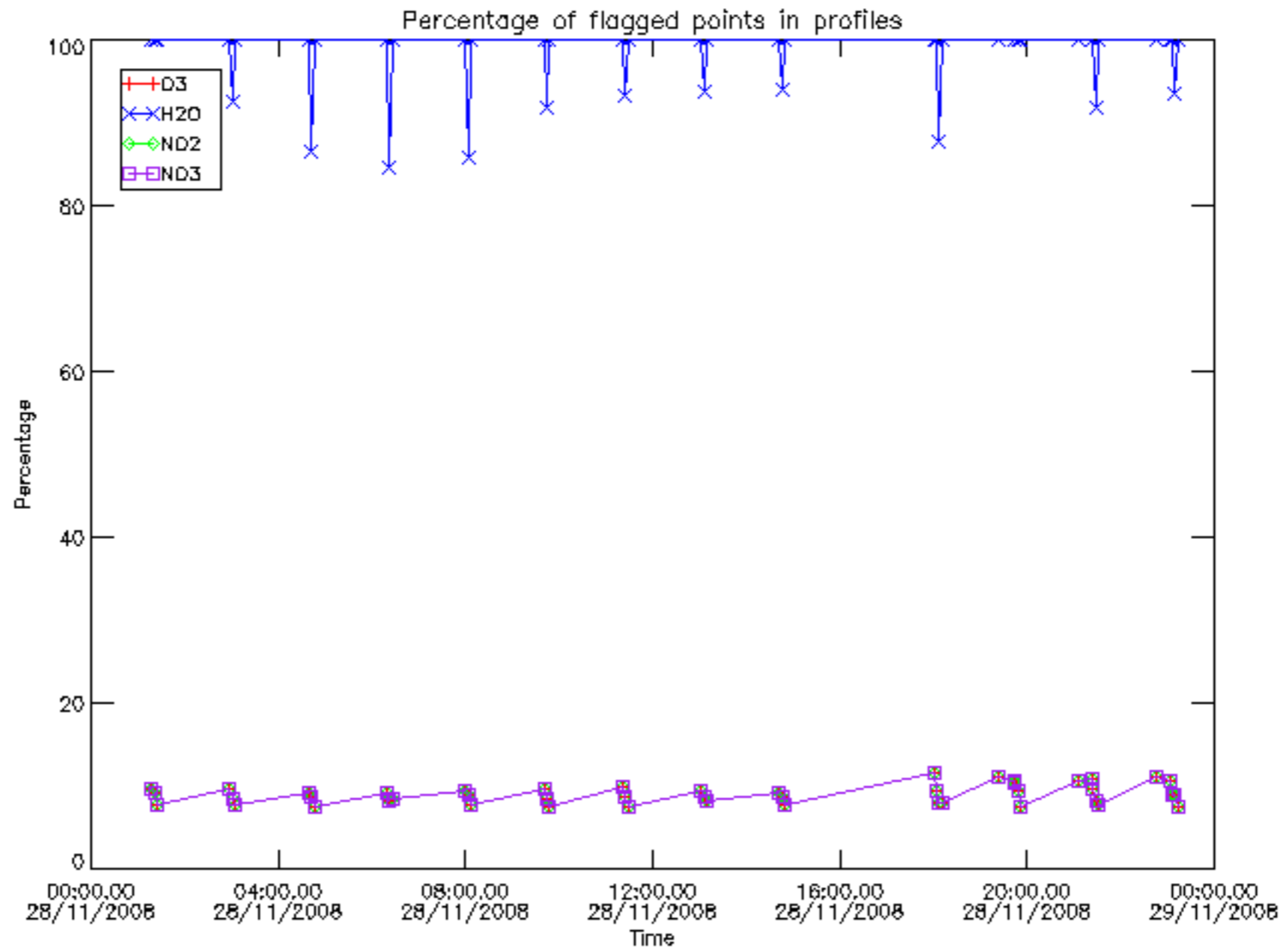




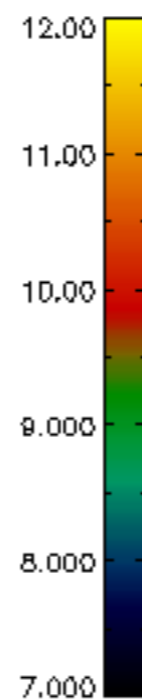
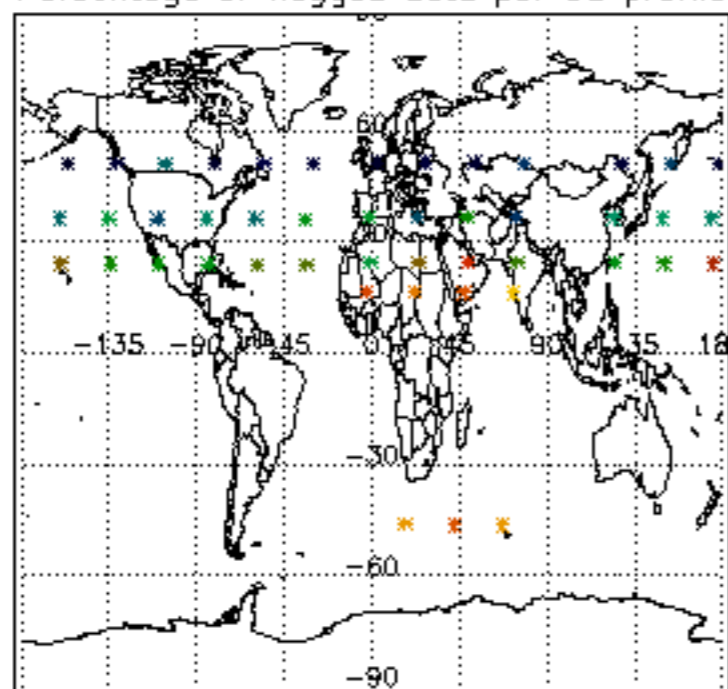




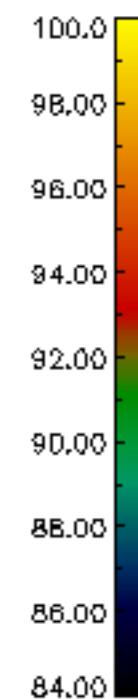
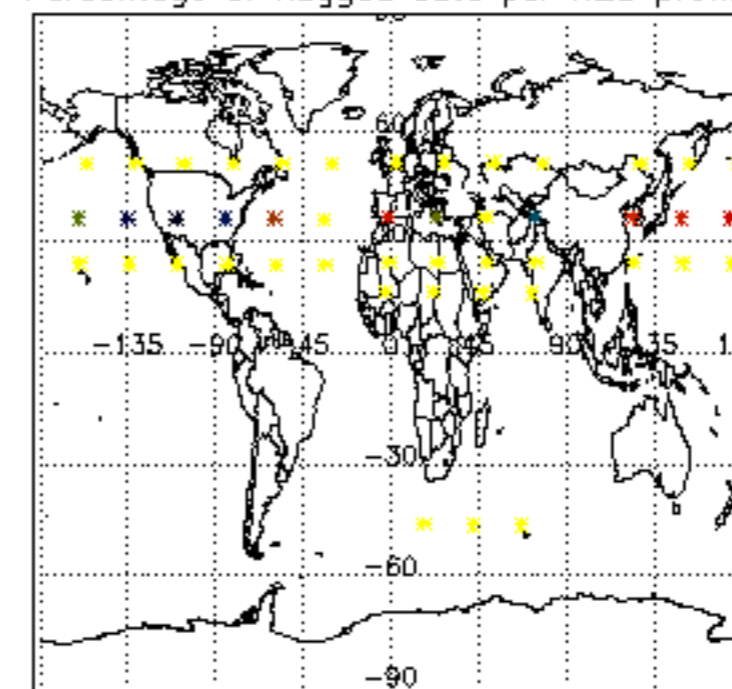




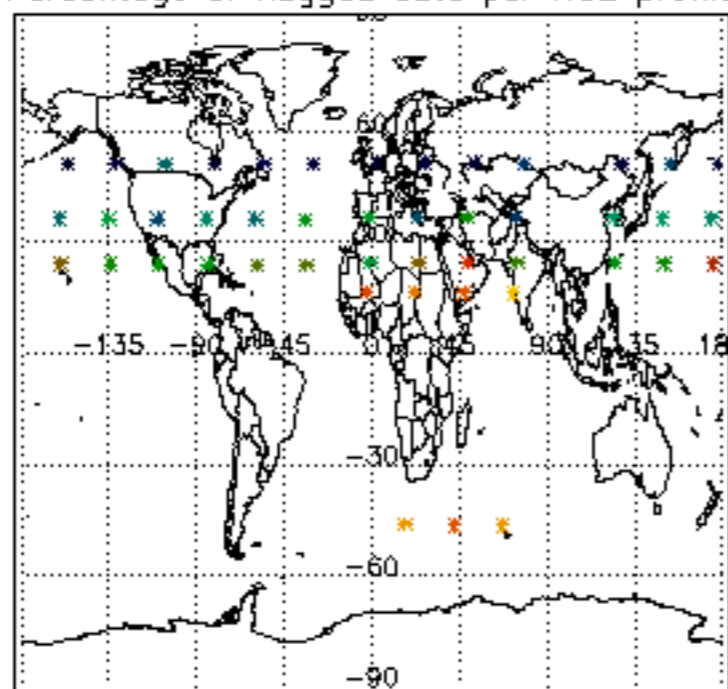
Percentage of flagged data per D3 profile



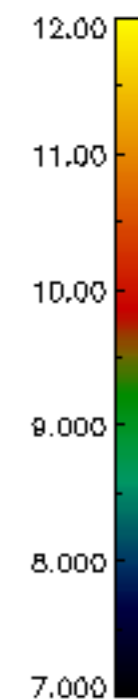
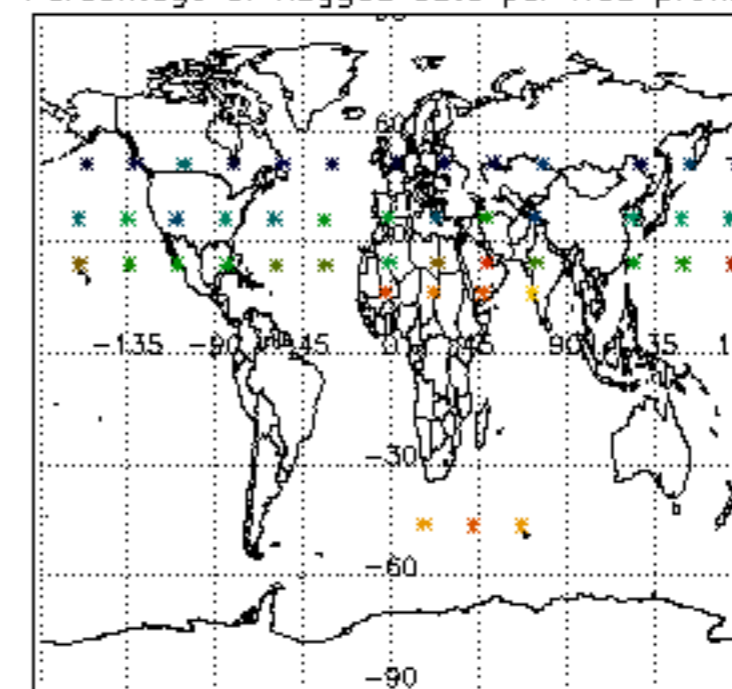
Percentage of flagged data per H2O profile

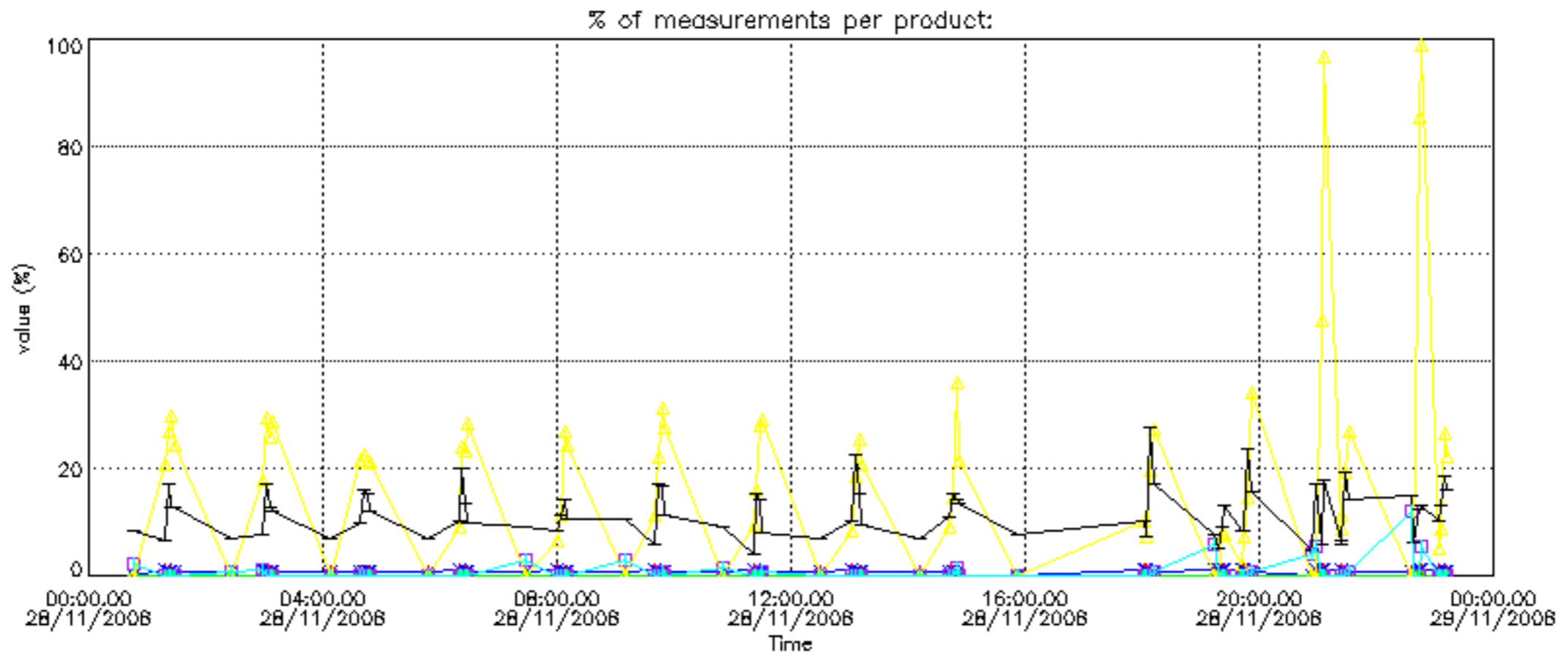


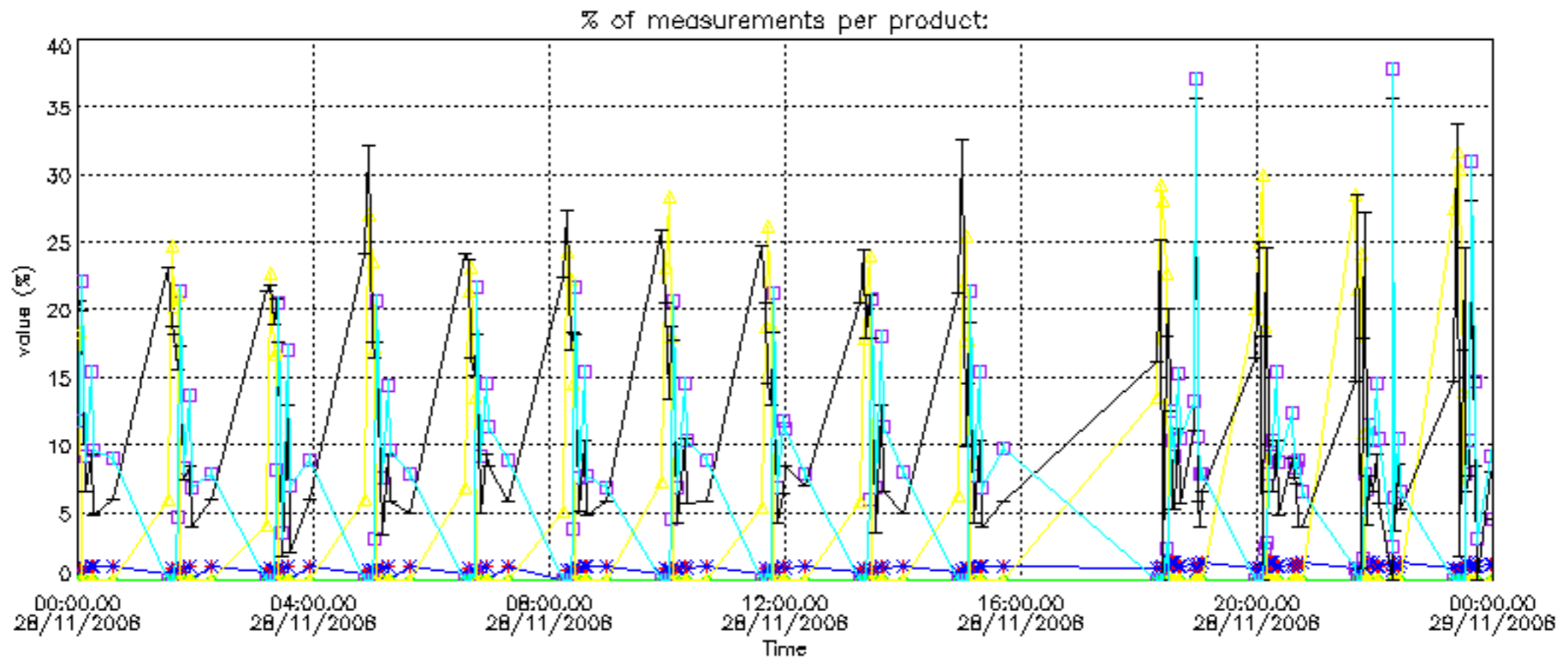
Percentage of flagged data per NO2 profile



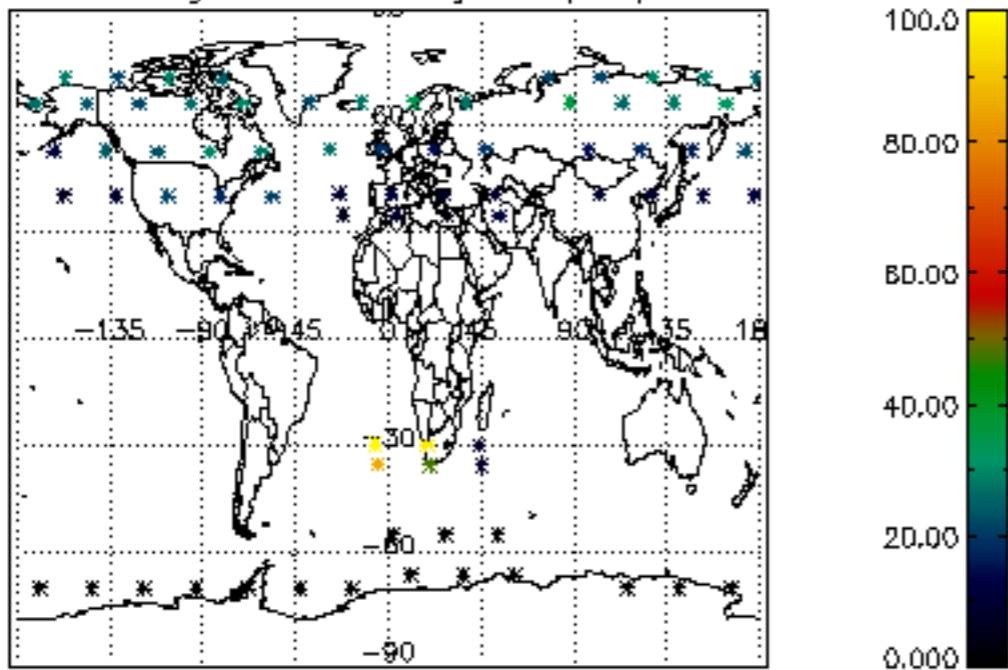
Percentage of flagged data per NO3 profile



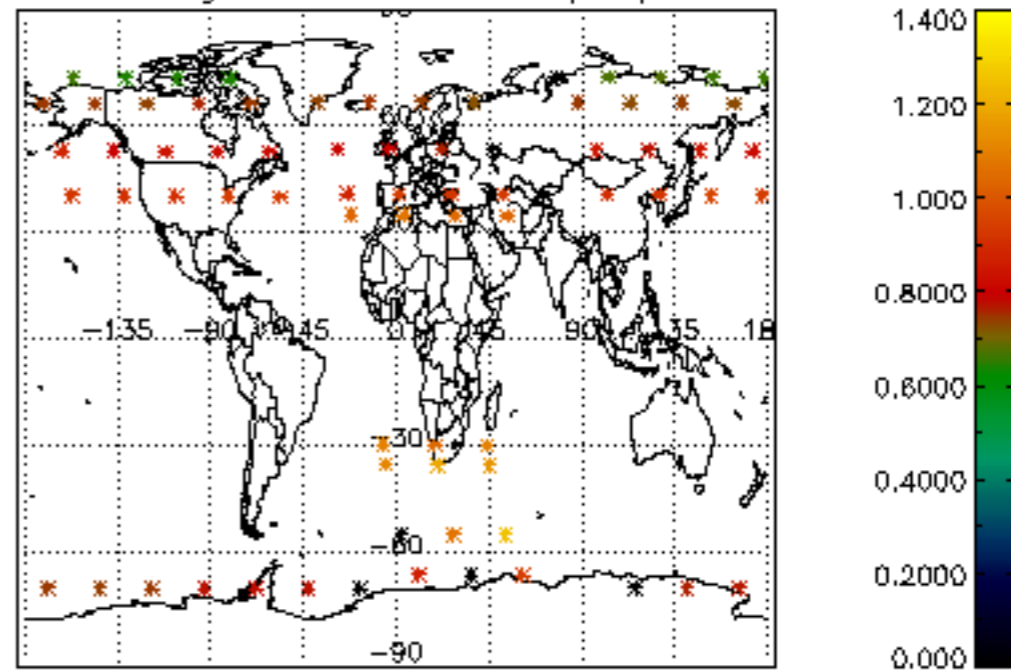




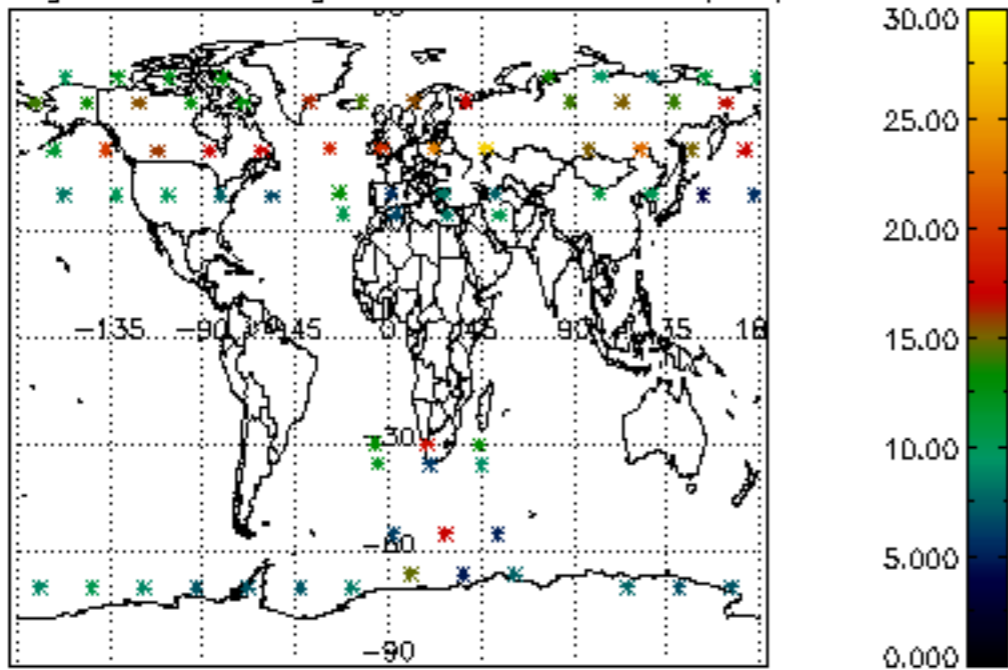
Percentage of cosmic ray hits per profile



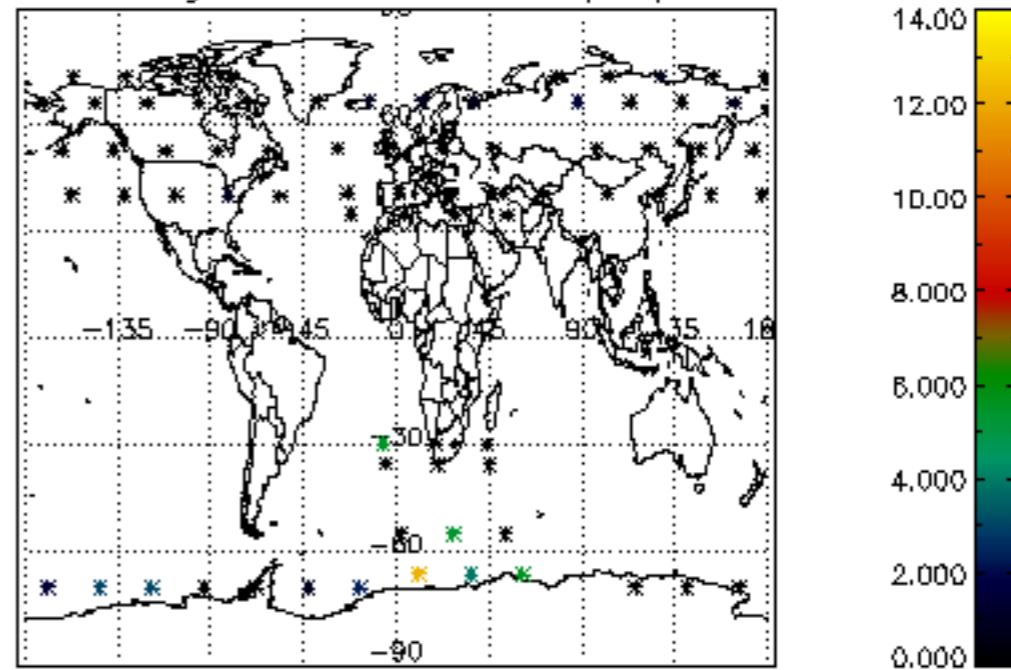
Percentage of datation errors per profile



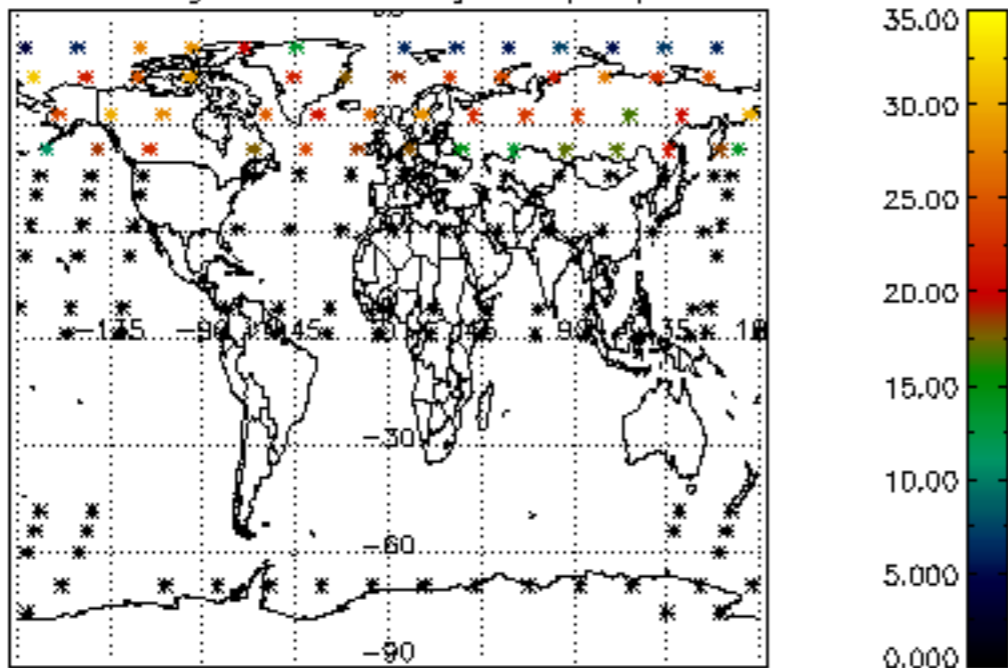
Percentage of star falling outside central band per profile



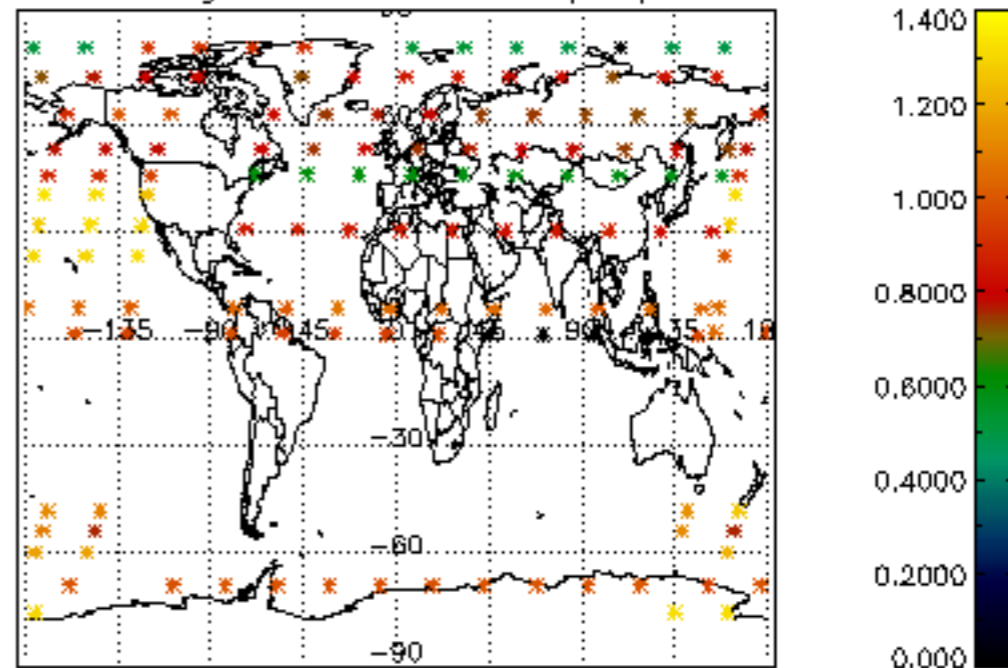
Percentage of saturation errors per profile



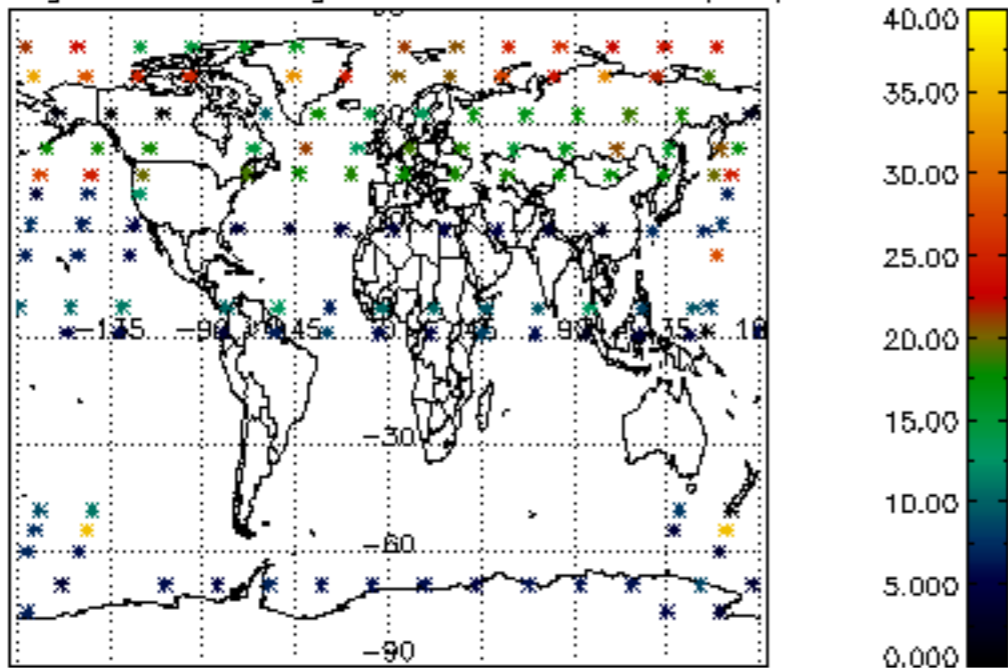
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

