

GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	29APR2013 14:48:42
Data source version	GOMOS/6.01
Start time of products	30-08-2010 (30AUG2010 00:00:00)
Stop time of products	31-08-2010 (31AUG2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	273
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__2PRFIN20100830_000053_000000382092_00288_44430_0984.N1	30-AUG-2010 00:00:53	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	44430	No
2	GOM_NL__2PRFIN20100830_000357_000000422092_00288_44430_0985.N1	30-AUG-2010 00:03:57	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	44430	No
3	GOM_NL__2PRFIN20100830_000608_000000472092_00288_44430_0986.N1	30-AUG-2010 00:06:08	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	44430	No
4	GOM_NL__2PRFIN20100830_002125_000000462092_00288_44430_0987.N1	30-AUG-2010 00:21:25	Bright	46.000	42	34Bet Aur	1.9000	10200.	92	44430	No
5	GOM_NL__2PRFIN20100830_002411_000000462092_00288_44430_0988.N1	30-AUG-2010 00:24:11	Bright	45.500	107	37The Aur	2.6490	11000.	91	44430	No
6	GOM_NL__2PRFIN20100830_002623_000000382092_00288_44430_0989.N1	30-AUG-2010 00:26:23	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	44430	No
7	GOM_NL__2PRFIN20100830_002909_000000582092_00288_44430_0990.N1	30-AUG-2010 00:29:09	Twilight	58.000	151	13Mu Gem	2.8900	3000.0	116	44430	No
8	GOM_NL__2PRFIN20100830_003053_000000462092_00288_44430_0991.N1	30-AUG-2010 00:30:53	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	44430	No
9	GOM_NL__2PRFIN20100830_003516_000000692092_00288_44430_0992.N1	30-AUG-2010 00:35:16	Dark	68.500	14	58Alp Ori	0.87000	3000.0	137	44430	No
10	GOM_NL__2PRFIN20100830_004028_000000492092_00288_44430_0993.N1	30-AUG-2010 00:40:28	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	44430	No
11	GOM_NL__2PRFIN20100830_004418_000000572092_00288_44430_0994.N1	30-AUG-2010 00:44:18	Dark	57.000	101	11Alp Lep	2.5820	7000.0	114	44430	No
12	GOM_NL__2PRFIN20100830_005917_000000542092_00289_44431_9296.N1	30-AUG-2010 00:59:17	Dark	53.500	157	The1Eri	2.9060	9300.0	107	44431	No
13	GOM_NL__2PRFIN20100830_010134_000000522092_00289_44431_9297.N1	30-AUG-2010 01:01:34	Dark	51.500	9	Alp Eri	0.45300	24000.	103	44431	No
14	GOM_NL__2PRFIN20100830_010732_000000492092_00289_44431_9298.N1	30-AUG-2010 01:07:32	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	44431	No
15	GOM_NL__2PRFIN20100830_011350_000000492092_00289_44431_9299.N1	30-AUG-2010 01:13:50	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	44431	No
16	GOM_NL__2PRFIN20100830_011844_000000452092_00289_44431_9300.N1	30-AUG-2010 01:18:44	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	44431	No
17	GOM_NL__2PRFIN20100830_012154_000000392092_00289_44431_9301.N1	30-AUG-2010 01:21:54	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44431	No
18	GOM_NL__2PRFIN20100830_012325_000000422092_00289_44431_9302.N1	30-AUG-2010 01:23:25	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	44431	No
19	GOM_NL__2PRFIN20100830_012626_000000392092_00289_44431_9303.N1	30-AUG-2010 01:26:26	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	44431	No
20	GOM_NL__2PRFIN20100830_013347_000000462092_00289_44431_9304.N1	30-AUG-2010 01:33:47	Bright	46.000	164	44Eta Peg	2.9480	5400.0	92	44431	No
21	GOM_NL__2PRFIN20100830_014128_000000342092_00289_44431_9305.N1	30-AUG-2010 01:41:28	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	44431	No
22	GOM_NL__2PRFIN20100830_014433_000000462092_00289_44431_9306.N1	30-AUG-2010 01:44:33	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	44431	No
23	GOM_NL__2PRFIN20100830_014643_000000462092_00289_44431_9307.N1	30-AUG-2010 01:46:43	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44431	No
24	GOM_NL__2PRFIN20100830_020201_000000452092_00289_44431_9308.N1	30-AUG-2010 02:02:01	Bright	44.500	42	34Bet Aur	1.9000	10200.	89	44431	No
25	GOM_NL__2PRFIN20100830_020446_000000452092_00289_44431_9309.N1	30-AUG-2010 02:04:46	Bright	45.000	107	37The Aur	2.6490	11000.	90	44431	No
26	GOM_NL__2PRFIN20100830_020659_000000342092_00289_44431_9310.N1	30-AUG-2010 02:06:59	Bright	34.000	17	78Bet Gem	1.1610	4500.0	68	44431	No
27	GOM_NL__2PRFIN20100830_020946_000000632092_00289_44431_9311.N1	30-AUG-2010 02:09:46	Twilight	63.000	151	13Mu Gem	2.8900	3000.0	126	44431	No
28	GOM_NL__2PRFIN20100830_021130_000000472092_00289_44431_9312.N1	30-AUG-2010 02:11:30	Twilight	47.000	44	24Gam Gem	1.9280	11000.	94	44431	No
29	GOM_NL__2PRFIN20100830_021553_000000642092_00289_44431_9313.N1	30-AUG-2010 02:15:53	Dark	63.500	14	58Alp Ori	0.87000	3000.0	127	44431	No
30	GOM_NL__2PRFIN20100830_022105_000000492092_00289_44431_9314.N1	30-AUG-2010 02:21:05	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	44431	No
31	GOM_NL__2PRFIN20100830_022455_000000512092_00289_44431_9315.N1	30-AUG-2010 02:24:55	Dark	51.000	101	11Alp Lep	2.5820	7000.0	102	44431	No
32	GOM_NL__2PRFIN20100830_024055_000000412092_00290_44432_9306.N1	30-AUG-2010 02:40:55	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44432	No
33	GOM_NL__2PRFIN20100830_024210_000000452092_00290_44432_9307.N1	30-AUG-2010 02:42:10	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44432	No
34	GOM_NL__2PRFIN20100830_024809_000000532092_00290_44432_9308.N1	30-AUG-2010 02:48:09	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	44432	No
35	GOM_NL__2PRFIN20100830_025426_000000512092_00290_44432_9309.N1	30-AUG-2010 02:54:26	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	44432	No
36	GOM_NL__2PRFIN20100830_025920_000000462092_00290_44432_9310.N1	30-AUG-2010 02:59:20	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	44432	No
37	GOM_NL__2PRFIN20100830_030230_000000382092_00290_44432_9311.N1	30-AUG-2010 03:02:30	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	44432	No
38	GOM_NL__2PRFIN20100830_030401_000000422092_00290_44432_9312.N1	30-AUG-2010 03:04:01	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	44432	No
39	GOM_NL__2PRFIN20100830_030702_000000432092_00290_44432_9313.N1	30-AUG-2010 03:07:02	Bright	43.000	61	8Eps Peg	2.1000	3900.0	86	44432	No
40	GOM_NL__2PRFIN20100830_031422_000000472092_00290_44432_9314.N1	30-AUG-2010 03:14:22	Bright	46.500	164	44Eta Peg	2.9480	5400.0	93	44432	No
41	GOM_NL__2PRFIN20100830_032204_000000352092_00290_44432_9315.N1	30-AUG-2010 03:22:04	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	44432	No
42	GOM_NL__2PRFIN20100830_032508_000000452092_00290_44432_9316.N1	30-AUG-2010 03:25:08	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	44432	No

43	GOM_NL__2PRFIN20100830_032718_000000452092_00290_44432_9317.N1	30-AUG-2010 03:27:18	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	44432	No
44	GOM_NL__2PRFIN20100830_034236_000000422092_00290_44432_9318.N1	30-AUG-2010 03:42:36	Bright	42.000	42	34Bet Aur	1.9000	10200.	84	44432	No
45	GOM_NL__2PRFIN20100830_034523_000000472092_00290_44432_9319.N1	30-AUG-2010 03:45:23	Bright	46.500	107	37The Aur	2.6490	11000.	93	44432	No
46	GOM_NL__2PRFIN20100830_034735_000000422092_00290_44432_9320.N1	30-AUG-2010 03:47:35	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	44432	No
47	GOM_NL__2PRFIN20100830_035022_000000552092_00290_44432_9321.N1	30-AUG-2010 03:50:22	Tw_i_and_stray	55.000	151	13Mu Gem	2.8900	3000.0	110	44432	No
48	GOM_NL__2PRFIN20100830_035206_000000492092_00290_44432_9322.N1	30-AUG-2010 03:52:06	Tw_i_and_stray	49.000	44	24Gam Gem	1.9280	11000.	98	44432	No
49	GOM_NL__2PRFIN20100830_035629_000000712092_00290_44432_9323.N1	30-AUG-2010 03:56:29	Dark	71.000	14	58Alp Ori	0.87000	3000.0	142	44432	No
50	GOM_NL__2PRFIN20100830_040141_000000582092_00290_44432_9324.N1	30-AUG-2010 04:01:41	Dark	58.000	1	9Alp CMa	-1.4400	11000.	116	44432	No
51	GOM_NL__2PRFIN20100830_040532_000000582092_00290_44432_9325.N1	30-AUG-2010 04:05:32	Dark	58.000	101	11Alp Lep	2.5820	7000.0	116	44432	No
52	GOM_NL__2PRFIN20100830_042132_000000412092_00291_44433_9317.N1	30-AUG-2010 04:21:32	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	44433	No
53	GOM_NL__2PRFIN20100830_042247_000000452092_00291_44433_9318.N1	30-AUG-2010 04:22:47	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44433	No
54	GOM_NL__2PRFIN20100830_042845_000000532092_00291_44433_9319.N1	30-AUG-2010 04:28:45	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	44433	No
55	GOM_NL__2PRFIN20100830_043502_000000472092_00291_44433_9320.N1	30-AUG-2010 04:35:02	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	44433	No
56	GOM_NL__2PRFIN20100830_043956_000000422092_00291_44433_9321.N1	30-AUG-2010 04:39:56	Bright	41.500	142	49Del Cap	2.8500	8900.0	83	44433	No
57	GOM_NL__2PRFIN20100830_044306_000000392092_00291_44433_9322.N1	30-AUG-2010 04:43:06	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	44433	No
58	GOM_NL__2PRFIN20100830_044437_000000412092_00291_44433_9323.N1	30-AUG-2010 04:44:37	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	44433	No
59	GOM_NL__2PRFIN20100830_044738_000000392092_00291_44433_9324.N1	30-AUG-2010 04:47:38	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	44433	No
60	GOM_NL__2PRFIN20100830_045458_000000472092_00291_44433_9325.N1	30-AUG-2010 04:54:58	Bright	46.500	164	44Eta Peg	2.9480	5400.0	93	44433	No
61	GOM_NL__2PRFIN20100830_050240_000000362092_00291_44433_9326.N1	30-AUG-2010 05:02:40	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	44433	No
62	GOM_NL__2PRFIN20100830_050544_000000452092_00291_44433_9327.N1	30-AUG-2010 05:05:44	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	44433	No
63	GOM_NL__2PRFIN20100830_050753_000000462092_00291_44433_9328.N1	30-AUG-2010 05:07:53	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44433	No
64	GOM_NL__2PRFIN20100830_052312_000000442092_00291_44433_9329.N1	30-AUG-2010 05:23:12	Bright	43.500	42	34Bet Aur	1.9000	10200.	87	44433	No
65	GOM_NL__2PRFIN20100830_052559_000000472092_00291_44433_9330.N1	30-AUG-2010 05:25:59	Bright	46.500	107	37The Aur	2.6490	11000.	93	44433	No
66	GOM_NL__2PRFIN20100830_052811_000000372092_00291_44433_9331.N1	30-AUG-2010 05:28:11	Bright	37.000	17	78Bet Gem	1.1610	4500.0	74	44433	No
67	GOM_NL__2PRFIN20100830_053059_000000562092_00291_44433_9332.N1	30-AUG-2010 05:30:59	Tw_i_and_stray	55.500	151	13Mu Gem	2.8900	3000.0	111	44433	No
68	GOM_NL__2PRFIN20100830_053242_000000502092_00291_44433_9333.N1	30-AUG-2010 05:32:42	Tw_i_and_stray	49.500	44	24Gam Gem	1.9280	11000.	99	44433	No
69	GOM_NL__2PRFIN20100830_053706_000000682092_00291_44433_9334.N1	30-AUG-2010 05:37:06	Dark	68.000	14	58Alp Ori	0.87000	3000.0	136	44433	No
70	GOM_NL__2PRFIN20100830_054218_000000532092_00291_44433_9335.N1	30-AUG-2010 05:42:18	Dark	53.000	1	9Alp CMa	-1.4400	11000.	106	44433	No
71	GOM_NL__2PRFIN20100830_054609_000000542092_00291_44433_9336.N1	30-AUG-2010 05:46:09	Dark	53.500	101	11Alp Lep	2.5820	7000.0	107	44433	No
72	GOM_NL__2PRFIN20100830_060208_000000412092_00292_44434_9329.N1	30-AUG-2010 06:02:08	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	44434	No
73	GOM_NL__2PRFIN20100830_060324_000000462092_00292_44434_9330.N1	30-AUG-2010 06:03:24	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44434	No
74	GOM_NL__2PRFIN20100830_060922_000000532092_00292_44434_9331.N1	30-AUG-2010 06:09:22	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	44434	No
75	GOM_NL__2PRFIN20100830_061538_000000482092_00292_44434_9332.N1	30-AUG-2010 06:15:38	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	44434	No
76	GOM_NL__2PRFIN20100830_062033_000000432092_00292_44434_9333.N1	30-AUG-2010 06:20:33	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	44434	No
77	GOM_NL__2PRFIN20100830_062342_000000382092_00292_44434_9334.N1	30-AUG-2010 06:23:42	Bright	37.500	154	22Bet Aqr	2.8990	5700.0	75	44434	No
78	GOM_NL__2PRFIN20100830_062514_000000412092_00292_44434_9335.N1	30-AUG-2010 06:25:14	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44434	No
79	GOM_NL__2PRFIN20100830_062814_000000392092_00292_44434_9336.N1	30-AUG-2010 06:28:14	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	44434	No
80	GOM_NL__2PRFIN20100830_063533_000000482092_00292_44434_9337.N1	30-AUG-2010 06:35:33	Bright	47.500	164	44Eta Peg	2.9480	5400.0	95	44434	No
81	GOM_NL__2PRFIN20100830_064315_000000382092_00292_44434_9338.N1	30-AUG-2010 06:43:15	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	44434	No
82	GOM_NL__2PRFIN20100830_064619_000000462092_00292_44434_9339.N1	30-AUG-2010 06:46:19	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	44434	No
83	GOM_NL__2PRFIN20100830_064829_000000472092_00292_44434_9340.N1	30-AUG-2010 06:48:29	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	44434	No
84	GOM_NL__2PRFIN20100830_070348_000000472092_00292_44434_9341.N1	30-AUG-2010 07:03:48	Bright	46.500	42	34Bet Aur	1.9000	10200.	93	44434	No
85	GOM_NL__2PRFIN20100830_070635_000000452092_00292_44434_9342.N1	30-AUG-2010 07:06:35	Bright	45.000	107	37The Aur	2.6490	11000.	90	44434	No
86	GOM_NL__2PRFIN20100830_070847_000000352092_00292_44434_9343.N1	30-AUG-2010 07:08:47	Bright	35.000	17	78Bet Gem	1.1610	4500.0	70	44434	No
87	GOM_NL__2PRFIN20100830_071135_000000552092_00292_44434_9344.N1	30-AUG-2010 07:11:35	Tw_i_and_stray	55.000	151	13Mu Gem	2.8900	3000.0	110	44434	No
88	GOM_NL__2PRFIN20100830_071319_000000472092_00292_44434_9345.N1	30-AUG-2010 07:13:19	Tw_i_and_stray	46.500	44	24Gam Gem	1.9280	11000.	93	44434	No
89	GOM_NL__2PRFIN20100830_071743_000000712092_00292_44434_9346.N1	30-AUG-2010 07:17:43	Dark	71.000	14	58Alp Ori	0.87000	3000.0	142	44434	No
90	GOM_NL__2PRFIN20100830_072254_000000552092_00292_44434_9347.N1	30-AUG-2010 07:22:54	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	44434	No
91	GOM_NL__2PRFIN20100830_072647_000000532092_00292_44434_9348.N1	30-AUG-2010 07:26:47	Dark	52.500	101	11Alp Lep	2.5820	7000.0	105	44434	No
92	GOM_NL__2PRFIN20100830_074245_000000392092_00293_44435_9359.N1	30-AUG-2010 07:42:45	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	44435	No
93	GOM_NL__2PRFIN20100830_074400_000000462092_00293_44435_9360.N1	30-AUG-2010 07:44:00	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44435	No
94	GOM_NL__2PRFIN20100830_074958_000000602092_00293_44435_9361.N1	30-AUG-2010 07:49:58	Straylight	60.000	84	Alp Phe	2.3970	4500.0	120	44435	No
95	GOM_NL__2PRFIN20100830_075615_000000472092_00293_44435_9362.N1	30-AUG-2010 07:56:15	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	44435	No
96	GOM_NL__2PRFIN20100830_080108_000000452092_00293_44435_9363.N1	30-AUG-2010 08:01:08	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	44435	No
97	GOM_NL__2PRFIN20100830_080418_000000392092_00293_44435_9364.N1	30-AUG-2010 08:04:18	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44435	No
98	GOM_NL__2PRFIN20100830_080550_000000422092_00293_44435_9365.N1	30-AUG-2010 08:05:50	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	44435	No
99	GOM_NL__2PRFIN20100830_080850_000000402092_00293_44435_9366.N1	30-AUG-2010 08:08:50	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	44435	No
100	GOM_NL__2PRFIN20100830_081609_000000432092_00293_44435_9367.N1	30-AUG-2010 08:16:09	Bright	43.000	164	44Eta Peg	2.9480	5400.0	86	44435	No
101	GOM_NL__2PRFIN20100830_082352_000000372092_00293_44435_9368.N1	30-AUG-2010 08:23:52	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	44435	No

102	GOM_NL__2PRFIN20100830_082654_000000432092_00293_44435_9369.N1	30-AUG-2010 08:26:54	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	44435	No
103	GOM_NL__2PRFIN20100830_082904_000000472092_00293_44435_9370.N1	30-AUG-2010 08:29:04	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	44435	No
104	GOM_NL__2PRFIN20100830_084424_000000452092_00293_44435_9371.N1	30-AUG-2010 08:44:24	Bright	44.500	42	34Bet Aur	1.9000	10200.	89	44435	No
105	GOM_NL__2PRFIN20100830_084710_000000482092_00293_44435_9372.N1	30-AUG-2010 08:47:10	Bright	47.500	107	37The Aur	2.6490	11000.	95	44435	No
106	GOM_NL__2PRFIN20100830_084923_000000382092_00293_44435_9373.N1	30-AUG-2010 08:49:23	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	44435	No
107	GOM_NL__2PRFIN20100830_085211_000000562092_00293_44435_9374.N1	30-AUG-2010 08:52:11	Tw_i_and_stray	55.500	151	13Mu Gem	2.8900	3000.0	111	44435	No
108	GOM_NL__2PRFIN20100830_085355_000000512092_00293_44435_9375.N1	30-AUG-2010 08:53:55	Tw_i_and_stray	50.500	44	24Gam Gem	1.9280	11000.	101	44435	No
109	GOM_NL__2PRFIN20100830_085820_000000742092_00293_44435_9376.N1	30-AUG-2010 08:58:20	Dark	74.000	14	58Alp Ori	0.87000	3000.0	148	44435	No
110	GOM_NL__2PRFIN20100830_090331_000000492092_00293_44435_9377.N1	30-AUG-2010 09:03:31	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	44435	No
111	GOM_NL__2PRFIN20100830_090723_000000492092_00293_44435_9378.N1	30-AUG-2010 09:07:23	Dark	48.500	101	11Alp Lep	2.5820	7000.0	97	44435	No
112	GOM_NL__2PRFIN20100830_092322_000000412092_00294_44436_9394.N1	30-AUG-2010 09:23:22	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44436	No
113	GOM_NL__2PRFIN20100830_092437_000000542092_00294_44436_9395.N1	30-AUG-2010 09:24:37	Dark	53.500	9	Alp Eri	0.45300	24000.	107	44436	No
114	GOM_NL__2PRFIN20100830_093035_000000522092_00294_44436_9396.N1	30-AUG-2010 09:30:35	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	44436	No
115	GOM_NL__2PRFIN20100830_093651_000000492092_00294_44436_9397.N1	30-AUG-2010 09:36:51	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	44436	No
116	GOM_NL__2PRFIN20100830_094145_000000452092_00294_44436_9398.N1	30-AUG-2010 09:41:45	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	44436	No
117	GOM_NL__2PRFIN20100830_094454_000000392092_00294_44436_9399.N1	30-AUG-2010 09:44:54	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	44436	No
118	GOM_NL__2PRFIN20100830_094625_000000412092_00294_44436_9400.N1	30-AUG-2010 09:46:25	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	44436	No
119	GOM_NL__2PRFIN20100830_094926_000000412092_00294_44436_9401.N1	30-AUG-2010 09:49:26	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	44436	No
120	GOM_NL__2PRFIN20100830_095644_000000442092_00294_44436_9402.N1	30-AUG-2010 09:56:44	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	44436	No
121	GOM_NL__2PRFIN20100830_100427_000000372092_00294_44436_9403.N1	30-AUG-2010 10:04:27	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	44436	No
122	GOM_NL__2PRFIN20100830_100729_000000662092_00294_44436_9404.N1	30-AUG-2010 10:07:29	Bright	66.000	74	11Bet Cas	2.2680	6600.0	132	44436	No
123	GOM_NL__2PRFIN20100830_100939_000000472092_00294_44436_9405.N1	30-AUG-2010 10:09:39	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	44436	No
124	GOM_NL__2PRFIN20100830_102500_000000452092_00294_44436_9406.N1	30-AUG-2010 10:25:00	Bright	44.500	42	34Bet Aur	1.9000	10200.	89	44436	No
125	GOM_NL__2PRFIN20100830_102746_000000472092_00294_44436_9407.N1	30-AUG-2010 10:27:46	Bright	46.500	107	37The Aur	2.6490	11000.	93	44436	No
126	GOM_NL__2PRFIN20100830_102959_000000392092_00294_44436_9408.N1	30-AUG-2010 10:29:59	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	44436	No
127	GOM_NL__2PRFIN20100830_103247_000000572092_00294_44436_9409.N1	30-AUG-2010 10:32:47	Tw_i_and_stray	56.500	151	13Mu Gem	2.8900	3000.0	113	44436	No
128	GOM_NL__2PRFIN20100830_103431_000000502092_00294_44436_9410.N1	30-AUG-2010 10:34:31	Tw_i_and_stray	50.000	44	24Gam Gem	1.9280	11000.	100	44436	No
129	GOM_NL__2PRFIN20100830_103856_000000632092_00294_44436_9411.N1	30-AUG-2010 10:38:56	Dark	63.000	14	58Alp Ori	0.87000	3000.0	126	44436	No
130	GOM_NL__2PRFIN20100830_104407_000000492092_00294_44436_9412.N1	30-AUG-2010 10:44:07	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	44436	No
131	GOM_NL__2PRFIN20100830_104800_000000542092_00294_44436_9413.N1	30-AUG-2010 10:48:00	Dark	53.500	101	11Alp Lep	2.5820	7000.0	107	44436	No
132	GOM_NL__2PRFIN20100830_110358_000000422092_00295_44437_9424.N1	30-AUG-2010 11:03:58	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	44437	No
133	GOM_NL__2PRFIN20100830_110513_000000542092_00295_44437_9425.N1	30-AUG-2010 11:05:13	Dark	54.000	9	Alp Eri	0.45300	24000.	108	44437	No
134	GOM_NL__2PRFIN20100830_111111_000000502092_00295_44437_9426.N1	30-AUG-2010 11:11:11	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	44437	No
135	GOM_NL__2PRFIN20100830_111727_000000502092_00295_44437_9427.N1	30-AUG-2010 11:17:27	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	44437	No
136	GOM_NL__2PRFIN20100830_112220_000000442092_00295_44437_9428.N1	30-AUG-2010 11:22:20	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	44437	No
137	GOM_NL__2PRFIN20100830_112530_000000392092_00295_44437_9429.N1	30-AUG-2010 11:25:30	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	44437	No
138	GOM_NL__2PRFIN20100830_112701_000000412092_00295_44437_9430.N1	30-AUG-2010 11:27:01	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	44437	No
139	GOM_NL__2PRFIN20100830_113002_000000382092_00295_44437_9431.N1	30-AUG-2010 11:30:02	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	44437	No
140	GOM_NL__2PRFIN20100830_113719_000000482092_00295_44437_9432.N1	30-AUG-2010 11:37:19	Bright	47.500	164	44Eta Peg	2.9480	5400.0	95	44437	No
141	GOM_NL__2PRFIN20100830_114503_000000392092_00295_44437_9433.N1	30-AUG-2010 11:45:03	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44437	No
142	GOM_NL__2PRFIN20100830_114804_000000462092_00295_44437_9434.N1	30-AUG-2010 11:48:04	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	44437	No
143	GOM_NL__2PRFIN20100830_115014_000000482092_00295_44437_9435.N1	30-AUG-2010 11:50:14	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44437	No
144	GOM_NL__2PRFIN20100830_120536_000000452092_00295_44437_9436.N1	30-AUG-2010 12:05:36	Bright	45.000	42	34Bet Aur	1.9000	10200.	90	44437	No
145	GOM_NL__2PRFIN20100830_120822_000000462092_00295_44437_9437.N1	30-AUG-2010 12:08:22	Bright	46.000	107	37The Aur	2.6490	11000.	92	44437	No
146	GOM_NL__2PRFIN20100830_121035_000000372092_00295_44437_9438.N1	30-AUG-2010 12:10:35	Bright	37.000	17	78Bet Gem	1.1610	4500.0	74	44437	No
147	GOM_NL__2PRFIN20100830_121324_000000532092_00295_44437_9439.N1	30-AUG-2010 12:13:24	Tw_i_and_stray	52.500	151	13Mu Gem	2.8900	3000.0	105	44437	No
148	GOM_NL__2PRFIN20100830_121507_000000492092_00295_44437_9440.N1	30-AUG-2010 12:15:07	Tw_i_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	44437	No
149	GOM_NL__2PRFIN20100830_121933_000000682092_00295_44437_9441.N1	30-AUG-2010 12:19:33	Dark	68.000	14	58Alp Ori	0.87000	3000.0	136	44437	No
150	GOM_NL__2PRFIN20100830_122444_000000502092_00295_44437_9442.N1	30-AUG-2010 12:24:44	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	44437	No
151	GOM_NL__2PRFIN20100830_122837_000000582092_00295_44437_9443.N1	30-AUG-2010 12:28:37	Dark	57.500	101	11Alp Lep	2.5820	7000.0	115	44437	No
152	GOM_NL__2PRFIN20100830_124434_000000422092_00296_44438_9456.N1	30-AUG-2010 12:44:34	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	44438	No
153	GOM_NL__2PRFIN20100830_124550_000000462092_00296_44438_9457.N1	30-AUG-2010 12:45:50	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44438	No
154	GOM_NL__2PRFIN20100830_125148_000000512092_00296_44438_9458.N1	30-AUG-2010 12:51:48	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	44438	No
155	GOM_NL__2PRFIN20100830_125803_000000472092_00296_44438_9459.N1	30-AUG-2010 12:58:03	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	44438	No
156	GOM_NL__2PRFIN20100830_130257_000000412092_00296_44438_9460.N1	30-AUG-2010 13:02:57	Bright	41.000	142	49Del Cap	2.8500	8900.0	82	44438	No
157	GOM_NL__2PRFIN20100830_130606_000000382092_00296_44438_9461.N1	30-AUG-2010 13:06:06	Bright	37.500	154	22Bet Aqr	2.8990	5700.0	75	44438	No
158	GOM_NL__2PRFIN20100830_130737_000000412092_00296_44438_9462.N1	30-AUG-2010 13:07:37	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	44438	No
159	GOM_NL__2PRFIN20100830_131038_000000372092_00296_44438_9463.N1	30-AUG-2010 13:10:38	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	44438	No
160	GOM_NL__2PRFIN20100830_131755_000000452092_00296_44438_9464.N1	30-AUG-2010 13:17:55	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	44438	No

161	GOM_NL__2PRFIN20100830_132539_000000392092_00296_44438_9465.N1	30-AUG-2010 13:25:39	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44438	No
162	GOM_NL__2PRFIN20100830_133049_000000462092_00296_44438_9466.N1	30-AUG-2010 13:30:49	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44438	No
163	GOM_NL__2PRFIN20100830_134611_000000452092_00296_44438_9467.N1	30-AUG-2010 13:46:11	Bright	44.500	42	34Bet Aur	1.9000	10200.	89	44438	No
164	GOM_NL__2PRFIN20100830_134859_000000552092_00296_44438_9468.N1	30-AUG-2010 13:48:59	Bright	55.000	107	37The Aur	2.6490	11000.	110	44438	No
165	GOM_NL__2PRFIN20100830_135111_000000372092_00296_44438_9469.N1	30-AUG-2010 13:51:11	Bright	36.500	17	78Bet Gem	1.1610	4500.0	73	44438	No
166	GOM_NL__2PRFIN20100830_135400_000000532092_00296_44438_9470.N1	30-AUG-2010 13:54:00	Twilight	53.000	151	13Mu Gem	2.8900	3000.0	106	44438	No
167	GOM_NL__2PRFIN20100830_135543_000000512092_00296_44438_9471.N1	30-AUG-2010 13:55:43	Twilight	50.500	44	24Gam Gem	1.9280	11000.	101	44438	No
168	GOM_NL__2PRFIN20100830_140010_000000592092_00296_44438_9472.N1	30-AUG-2010 14:00:10	Dark	59.000	14	58Alp Ori	0.87000	3000.0	118	44438	No
169	GOM_NL__2PRFIN20100830_140520_000000502092_00296_44438_9473.N1	30-AUG-2010 14:05:20	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	44438	No
170	GOM_NL__2PRFIN20100830_140640_000000412092_00296_44438_9474.N1	30-AUG-2010 14:06:40	Dark	41.000	179	24Omi2CMa	3.0320	24000.	82	44438	No
171	GOM_NL__2PRFIN20100830_140914_000000532092_00296_44438_9475.N1	30-AUG-2010 14:09:14	Dark	53.000	101	11Alp Lep	2.5820	7000.0	106	44438	No
172	GOM_NL__2PRFIN20100830_142511_000000422092_00297_44439_9526.N1	30-AUG-2010 14:25:11	Dark	42.000	143	Alp Hyi	2.8570	7200.0	84	44439	No
173	GOM_NL__2PRFIN20100830_142626_000000452092_00297_44439_9527.N1	30-AUG-2010 14:26:26	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44439	No
174	GOM_NL__2PRFIN20100830_143224_000000522092_00297_44439_9528.N1	30-AUG-2010 14:32:24	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	44439	No
175	GOM_NL__2PRFIN20100830_143839_000000462092_00297_44439_9529.N1	30-AUG-2010 14:38:39	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	44439	No
176	GOM_NL__2PRFIN20100830_144333_000000412092_00297_44439_9530.N1	30-AUG-2010 14:43:33	Bright	40.500	142	49Del Cap	2.8500	8900.0	81	44439	No
177	GOM_NL__2PRFIN20100830_144642_000000392092_00297_44439_9531.N1	30-AUG-2010 14:46:42	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44439	No
178	GOM_NL__2PRFIN20100830_144813_000000412092_00297_44439_9532.N1	30-AUG-2010 14:48:13	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	44439	No
179	GOM_NL__2PRFIN20100830_145113_000000432092_00297_44439_9533.N1	30-AUG-2010 14:51:13	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	44439	No
180	GOM_NL__2PRFIN20100830_145830_000000442092_00297_44439_9534.N1	30-AUG-2010 14:58:30	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	44439	No
181	GOM_NL__2PRFIN20100830_150614_000000352092_00297_44439_9535.N1	30-AUG-2010 15:06:14	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	44439	No
182	GOM_NL__2PRFIN20100830_150915_000000422092_00297_44439_9536.N1	30-AUG-2010 15:09:15	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	44439	No
183	GOM_NL__2PRFIN20100830_151125_000000472092_00297_44439_9537.N1	30-AUG-2010 15:11:25	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	44439	No
184	GOM_NL__2PRFIN20100830_152647_000000442092_00297_44439_9538.N1	30-AUG-2010 15:26:47	Bright	43.500	42	34Bet Aur	1.9000	10200.	87	44439	No
185	GOM_NL__2PRFIN20100830_152934_000000482092_00297_44439_9539.N1	30-AUG-2010 15:29:34	Bright	48.000	107	37The Aur	2.6490	11000.	96	44439	No
186	GOM_NL__2PRFIN20100830_153147_000000382092_00297_44439_9540.N1	30-AUG-2010 15:31:47	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	44439	No
187	GOM_NL__2PRFIN20100830_153436_000000562092_00297_44439_9541.N1	30-AUG-2010 15:34:36	Twilight	55.500	151	13Mu Gem	2.8900	3000.0	111	44439	No
188	GOM_NL__2PRFIN20100830_153620_000000482092_00297_44439_9542.N1	30-AUG-2010 15:36:20	Twilight	47.500	44	24Gam Gem	1.9280	11000.	95	44439	No
189	GOM_NL__2PRFIN20100830_154047_000000592092_00297_44439_9543.N1	30-AUG-2010 15:40:47	Dark	59.000	14	58Alp Ori	0.87000	3000.0	118	44439	No
190	GOM_NL__2PRFIN20100830_154557_000000512092_00297_44439_9544.N1	30-AUG-2010 15:45:57	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	44439	No
191	GOM_NL__2PRFIN20100830_154716_000000412092_00297_44439_9545.N1	30-AUG-2010 15:47:16	Dark	41.000	179	24Omi2CMa	3.0320	24000.	82	44439	No
192	GOM_NL__2PRFIN20100830_154952_000000522092_00297_44439_9546.N1	30-AUG-2010 15:49:52	Dark	52.000	101	11Alp Lep	2.5820	7000.0	104	44439	No
193	GOM_NL__2PRFIN20100830_160548_000000432092_00298_44440_9559.N1	30-AUG-2010 16:05:48	Dark	42.500	143	Alp Hyi	2.8570	7200.0	85	44440	No
194	GOM_NL__2PRFIN20100830_160703_000000472092_00298_44440_9560.N1	30-AUG-2010 16:07:03	Dark	46.500	9	Alp Eri	0.45300	24000.	93	44440	No
195	GOM_NL__2PRFIN20100830_161301_000000552092_00298_44440_9561.N1	30-AUG-2010 16:13:01	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	44440	No
196	GOM_NL__2PRFIN20100830_161916_000000512092_00298_44440_9562.N1	30-AUG-2010 16:19:16	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	44440	No
197	GOM_NL__2PRFIN20100830_162409_000000482092_00298_44440_9563.N1	30-AUG-2010 16:24:09	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	44440	No
198	GOM_NL__2PRFIN20100830_162718_000000392092_00298_44440_9564.N1	30-AUG-2010 16:27:18	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44440	No
199	GOM_NL__2PRFIN20100830_162849_000000412092_00298_44440_9565.N1	30-AUG-2010 16:28:49	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44440	No
200	GOM_NL__2PRFIN20100830_163149_000000392092_00298_44440_9566.N1	30-AUG-2010 16:31:49	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	44440	No
201	GOM_NL__2PRFIN20100830_163906_000000452092_00298_44440_9567.N1	30-AUG-2010 16:39:06	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	44440	No
202	GOM_NL__2PRFIN20100830_164651_000000382092_00298_44440_9568.N1	30-AUG-2010 16:46:51	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	44440	No
203	GOM_NL__2PRFIN20100830_164951_000000432092_00298_44440_9569.N1	30-AUG-2010 16:49:51	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	44440	No
204	GOM_NL__2PRFIN20100830_165200_000000452092_00298_44440_9570.N1	30-AUG-2010 16:52:00	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44440	No
205	GOM_NL__2PRFIN20100830_170723_000000462092_00298_44440_9571.N1	30-AUG-2010 17:07:23	Bright	46.000	42	34Bet Aur	1.9000	10200.	92	44440	No
206	GOM_NL__2PRFIN20100830_171010_000000482092_00298_44440_9572.N1	30-AUG-2010 17:10:10	Bright	47.500	107	37The Aur	2.6490	11000.	95	44440	No
207	GOM_NL__2PRFIN20100830_171224_000000382092_00298_44440_9573.N1	30-AUG-2010 17:12:24	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	44440	No
208	GOM_NL__2PRFIN20100830_171512_000000572092_00298_44440_9574.N1	30-AUG-2010 17:15:12	Twilight	57.000	151	13Mu Gem	2.8900	3000.0	114	44440	No
209	GOM_NL__2PRFIN20100830_171656_000000502092_00298_44440_9575.N1	30-AUG-2010 17:16:56	Twilight	49.500	44	24Gam Gem	1.9280	11000.	99	44440	No
210	GOM_NL__2PRFIN20100830_172123_000000512092_00298_44440_9576.N1	30-AUG-2010 17:21:23	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	44440	No
211	GOM_NL__2PRFIN20100830_172633_000000482092_00298_44440_9577.N1	30-AUG-2010 17:26:33	Dark	48.000	1	9Alp CMa	-1.4400	11000.	96	44440	No
212	GOM_NL__2PRFIN20100830_172753_000000412092_00298_44440_9578.N1	30-AUG-2010 17:27:53	Dark	41.000	179	24Omi2CMa	3.0320	24000.	82	44440	No
213	GOM_NL__2PRFIN20100830_173029_000000542092_00298_44440_9579.N1	30-AUG-2010 17:30:29	Dark	53.500	101	11Alp Lep	2.5820	7000.0	107	44440	No
214	GOM_NL__2PRFIN20100830_174624_000000422092_00299_44441_9612.N1	30-AUG-2010 17:46:24	Dark	42.000	143	Alp Hyi	2.8570	7200.0	84	44441	No
215	GOM_NL__2PRFIN20100830_174740_000000452092_00299_44441_9613.N1	30-AUG-2010 17:47:40	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44441	No
216	GOM_NL__2PRFIN20100830_175338_000000542092_00299_44441_9614.N1	30-AUG-2010 17:53:38	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	44441	No
217	GOM_NL__2PRFIN20100830_193414_000000602092_00300_44442_9643.N1	30-AUG-2010 19:34:14	Straylight	59.500	84	Alp Phe	2.3970	4500.0	119	44442	No
218	GOM_NL__2PRFIN20100830_194028_000000522092_00300_44442_9644.N1	30-AUG-2010 19:40:28	Straylight	51.500	18	24Alp PsA	1.1660	9700.0	103	44442	No
219	GOM_NL__2PRFIN20100830_194521_000000502092_00300_44442_9645.N1	30-AUG-2010 19:45:21	Bright	50.000	142	49Del Cap	2.8500	8900.0	100	44442	No

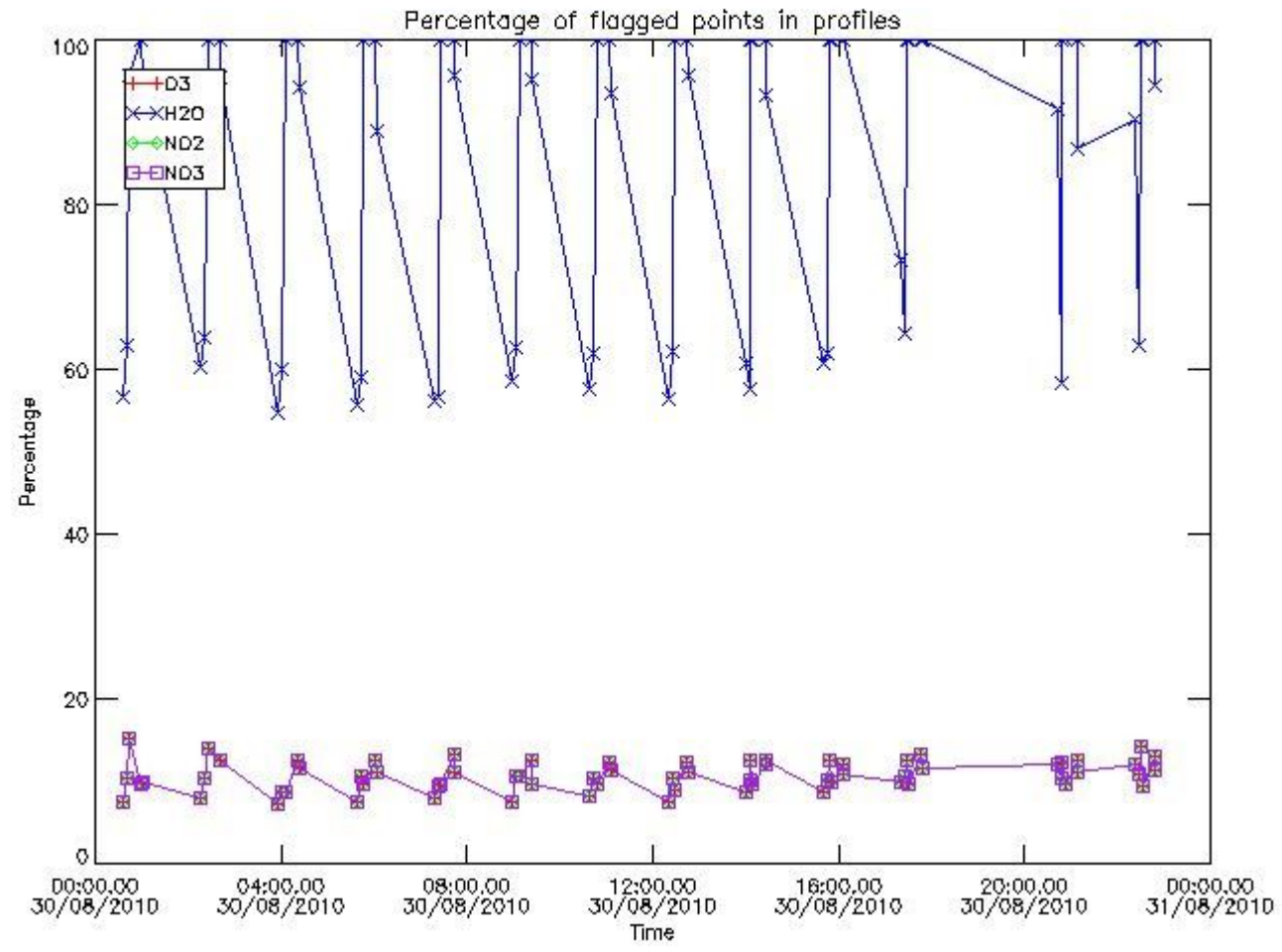
220	GOM_NL__2PRFIN20100830_194830_000000402092_00300_44442_9646.N1	30-AUG-2010 19:48:30	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	44442	No
221	GOM_NL__2PRFIN20100830_195000_000000412092_00300_44442_9647.N1	30-AUG-2010 19:50:00	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	44442	No
222	GOM_NL__2PRFIN20100830_195301_000000392092_00300_44442_9648.N1	30-AUG-2010 19:53:01	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	44442	No
223	GOM_NL__2PRFIN20100830_200017_000000422092_00300_44442_9649.N1	30-AUG-2010 20:00:17	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	44442	No
224	GOM_NL__2PRFIN20100830_200802_000000382092_00300_44442_9650.N1	30-AUG-2010 20:08:02	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	44442	No
225	GOM_NL__2PRFIN20100830_201101_000000452092_00300_44442_9651.N1	30-AUG-2010 20:11:01	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	44442	No
226	GOM_NL__2PRFIN20100830_201310_000000472092_00300_44442_9652.N1	30-AUG-2010 20:13:10	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	44442	No
227	GOM_NL__2PRFIN20100830_202835_000000472092_00300_44442_9653.N1	30-AUG-2010 20:28:35	Bright	47.000	42	34Bet Aur	1.9000	10200.	94	44442	No
228	GOM_NL__2PRFIN20100830_203122_000000512092_00300_44442_9654.N1	30-AUG-2010 20:31:22	Bright	51.000	107	37The Aur	2.6490	11000.	102	44442	No
229	GOM_NL__2PRFIN20100830_203336_000000362092_00300_44442_9655.N1	30-AUG-2010 20:33:36	Bright	36.000	17	78Bet Gem	1.1610	4500.0	72	44442	No
230	GOM_NL__2PRFIN20100830_203625_000000562092_00300_44442_9656.N1	30-AUG-2010 20:36:25	Twilight	55.500	151	13Mu Gem	2.8900	3000.0	111	44442	No
231	GOM_NL__2PRFIN20100830_203809_000000472092_00300_44442_9657.N1	30-AUG-2010 20:38:09	Twilight	46.500	44	24Gam Gem	1.9280	11000.	93	44442	No
232	GOM_NL__2PRFIN20100830_204236_000000422092_00300_44442_9658.N1	30-AUG-2010 20:42:36	Dark	41.500	14	58Alp Ori	0.87000	3000.0	83	44442	No
233	GOM_NL__2PRFIN20100830_204746_000000502092_00300_44442_9659.N1	30-AUG-2010 20:47:46	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	44442	No
234	GOM_NL__2PRFIN20100830_204906_000000422092_00300_44442_9660.N1	30-AUG-2010 20:49:06	Dark	41.500	179	24Omi2CMa	3.0320	24000.	83	44442	No
235	GOM_NL__2PRFIN20100830_205143_000000532092_00300_44442_9661.N1	30-AUG-2010 20:51:43	Dark	53.000	101	11Alp Lep	2.5820	7000.0	106	44442	No
236	GOM_NL__2PRFIN20100830_210737_000000412092_00301_44443_9672.N1	30-AUG-2010 21:07:37	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44443	No
237	GOM_NL__2PRFIN20100830_210852_000000462092_00301_44443_9673.N1	30-AUG-2010 21:08:52	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44443	No
238	GOM_NL__2PRFIN20100830_211451_000000572092_00301_44443_9674.N1	30-AUG-2010 21:14:51	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	44443	No
239	GOM_NL__2PRFIN20100830_212104_000000492092_00301_44443_9675.N1	30-AUG-2010 21:21:04	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	44443	No
240	GOM_NL__2PRFIN20100830_212557_000000482092_00301_44443_9676.N1	30-AUG-2010 21:25:57	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	44443	No
241	GOM_NL__2PRFIN20100830_212906_000000392092_00301_44443_9677.N1	30-AUG-2010 21:29:06	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	44443	No
242	GOM_NL__2PRFIN20100830_213036_000000422092_00301_44443_9678.N1	30-AUG-2010 21:30:36	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	44443	No
243	GOM_NL__2PRFIN20100830_213337_000000392092_00301_44443_9679.N1	30-AUG-2010 21:33:37	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	44443	No
244	GOM_NL__2PRFIN20100830_214052_000000442092_00301_44443_9680.N1	30-AUG-2010 21:40:52	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	44443	No
245	GOM_NL__2PRFIN20100830_214838_000000402092_00301_44443_9681.N1	30-AUG-2010 21:48:38	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	44443	No
246	GOM_NL__2PRFIN20100830_215136_000000472092_00301_44443_9682.N1	30-AUG-2010 21:51:36	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	44443	No
247	GOM_NL__2PRFIN20100830_215346_000000482092_00301_44443_9683.N1	30-AUG-2010 21:53:46	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44443	No
248	GOM_NL__2PRFIN20100830_220910_000000462092_00301_44443_9684.N1	30-AUG-2010 22:09:10	Bright	46.000	42	34Bet Aur	1.9000	10200.	92	44443	No
249	GOM_NL__2PRFIN20100830_221158_000000522092_00301_44443_9685.N1	30-AUG-2010 22:11:58	Bright	52.000	107	37The Aur	2.6490	11000.	104	44443	No
250	GOM_NL__2PRFIN20100830_221412_000000372092_00301_44443_9686.N1	30-AUG-2010 22:14:12	Bright	36.500	17	78Bet Gem	1.1610	4500.0	73	44443	No
251	GOM_NL__2PRFIN20100830_221701_000000532092_00301_44443_9687.N1	30-AUG-2010 22:17:01	Twilight	53.000	151	13Mu Gem	2.8900	3000.0	106	44443	No
252	GOM_NL__2PRFIN20100830_221845_000000502092_00301_44443_9688.N1	30-AUG-2010 22:18:45	Twilight	50.000	44	24Gam Gem	1.9280	11000.	100	44443	No
253	GOM_NL__2PRFIN20100830_222313_000000422092_00301_44443_9689.N1	30-AUG-2010 22:23:13	Dark	42.000	14	58Alp Ori	0.87000	3000.0	84	44443	No
254	GOM_NL__2PRFIN20100830_222823_000000482092_00301_44443_9690.N1	30-AUG-2010 22:28:23	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	44443	No
255	GOM_NL__2PRFIN20100830_222942_000000402092_00301_44443_9691.N1	30-AUG-2010 22:29:42	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	44443	No
256	GOM_NL__2PRFIN20100830_223220_000000542092_00301_44443_9692.N1	30-AUG-2010 22:32:20	Dark	54.000	101	11Alp Lep	2.5820	7000.0	108	44443	No
257	GOM_NL__2PRFIN20100830_224813_000000402092_00302_44444_9696.N1	30-AUG-2010 22:48:13	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	44444	No
258	GOM_NL__2PRFIN20100830_224929_000000452092_00302_44444_9697.N1	30-AUG-2010 22:49:29	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44444	No
259	GOM_NL__2PRFIN20100830_225527_000000492092_00302_44444_9698.N1	30-AUG-2010 22:55:27	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	44444	No
260	GOM_NL__2PRFIN20100830_230140_000000482092_00302_44444_9699.N1	30-AUG-2010 23:01:40	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	44444	No
261	GOM_NL__2PRFIN20100830_230633_000000472092_00302_44444_9700.N1	30-AUG-2010 23:06:33	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	44444	No
262	GOM_NL__2PRFIN20100830_230942_000000392092_00302_44444_9701.N1	30-AUG-2010 23:09:42	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	44444	No
263	GOM_NL__2PRFIN20100830_231112_000000412092_00302_44444_9702.N1	30-AUG-2010 23:11:12	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	44444	No
264	GOM_NL__2PRFIN20100830_231412_000000382092_00302_44444_9703.N1	30-AUG-2010 23:14:12	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	44444	No
265	GOM_NL__2PRFIN20100830_232127_000000462092_00302_44444_9704.N1	30-AUG-2010 23:21:27	Bright	46.000	164	44Eta Peg	2.9480	5400.0	92	44444	No
266	GOM_NL__2PRFIN20100830_232914_000000382092_00302_44444_9705.N1	30-AUG-2010 23:29:14	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	44444	No
267	GOM_NL__2PRFIN20100830_233212_000000422092_00302_44444_9706.N1	30-AUG-2010 23:32:12	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	44444	No
268	GOM_NL__2PRFIN20100830_233421_000000472092_00302_44444_9707.N1	30-AUG-2010 23:34:21	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	44444	No
269	GOM_NL__2PRFIN20100830_234946_000000482092_00302_44444_9708.N1	30-AUG-2010 23:49:46	Bright	47.500	42	34Bet Aur	1.9000	10200.	95	44444	No
270	GOM_NL__2PRFIN20100830_235234_000000672092_00302_44444_9709.N1	30-AUG-2010 23:52:34	Bright	67.000	107	37The Aur	2.6490	11000.	134	44444	No
271	GOM_NL__2PRFIN20100830_235448_000000352092_00302_44444_9710.N1	30-AUG-2010 23:54:48	Bright	34.500	17	78Bet Gem	1.1610	4500.0	69	44444	No
272	GOM_NL__2PRFIN20100830_235737_000000512092_00302_44444_9711.N1	30-AUG-2010 23:57:37	Twilight	50.500	151	13Mu Gem	2.8900	3000.0	101	44444	No
273	GOM_NL__2PRFIN20100830_235921_000000492092_00302_44444_9712.N1	30-AUG-2010 23:59:21	Twilight	49.000	44	24Gam Gem	1.9280	11000.	98	44444	No

3. Quality information per product

In this section it is plotted some information contained in the Quality Summary data set of

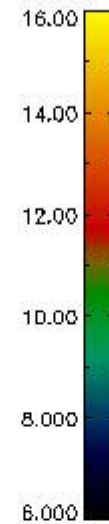
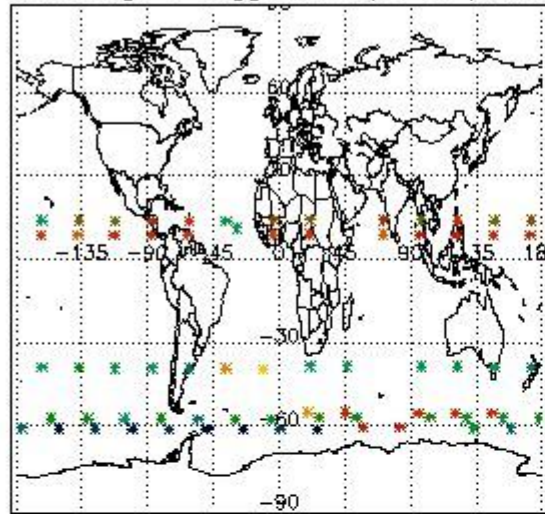
the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

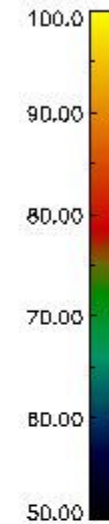
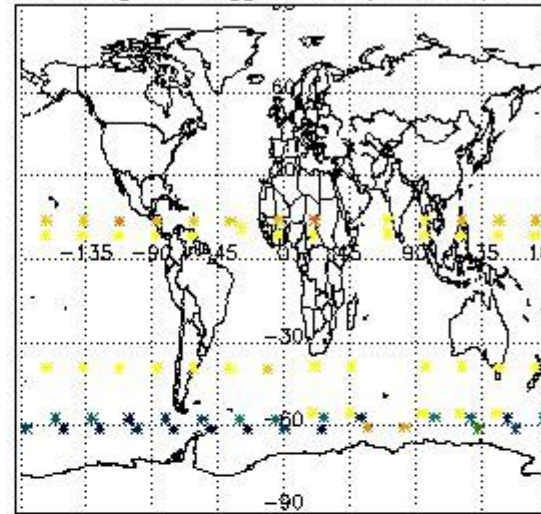


3.2 Plot quality information per product (world map)

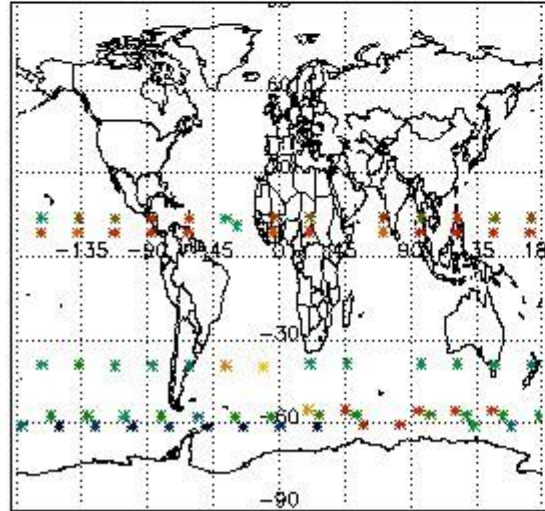
Percentage of flagged data per O3 profile



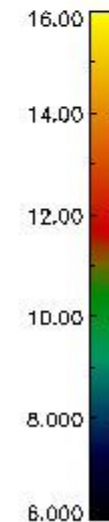
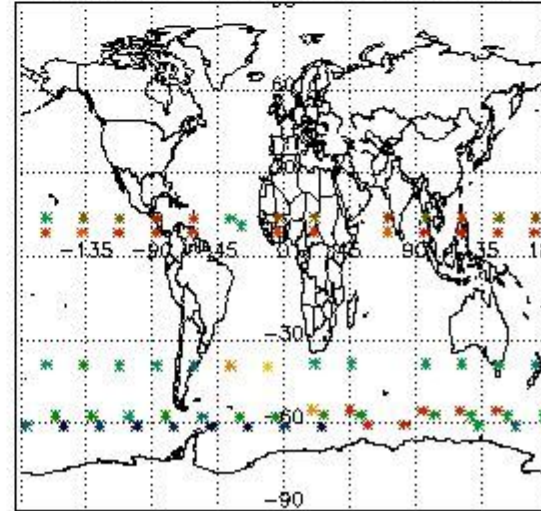
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

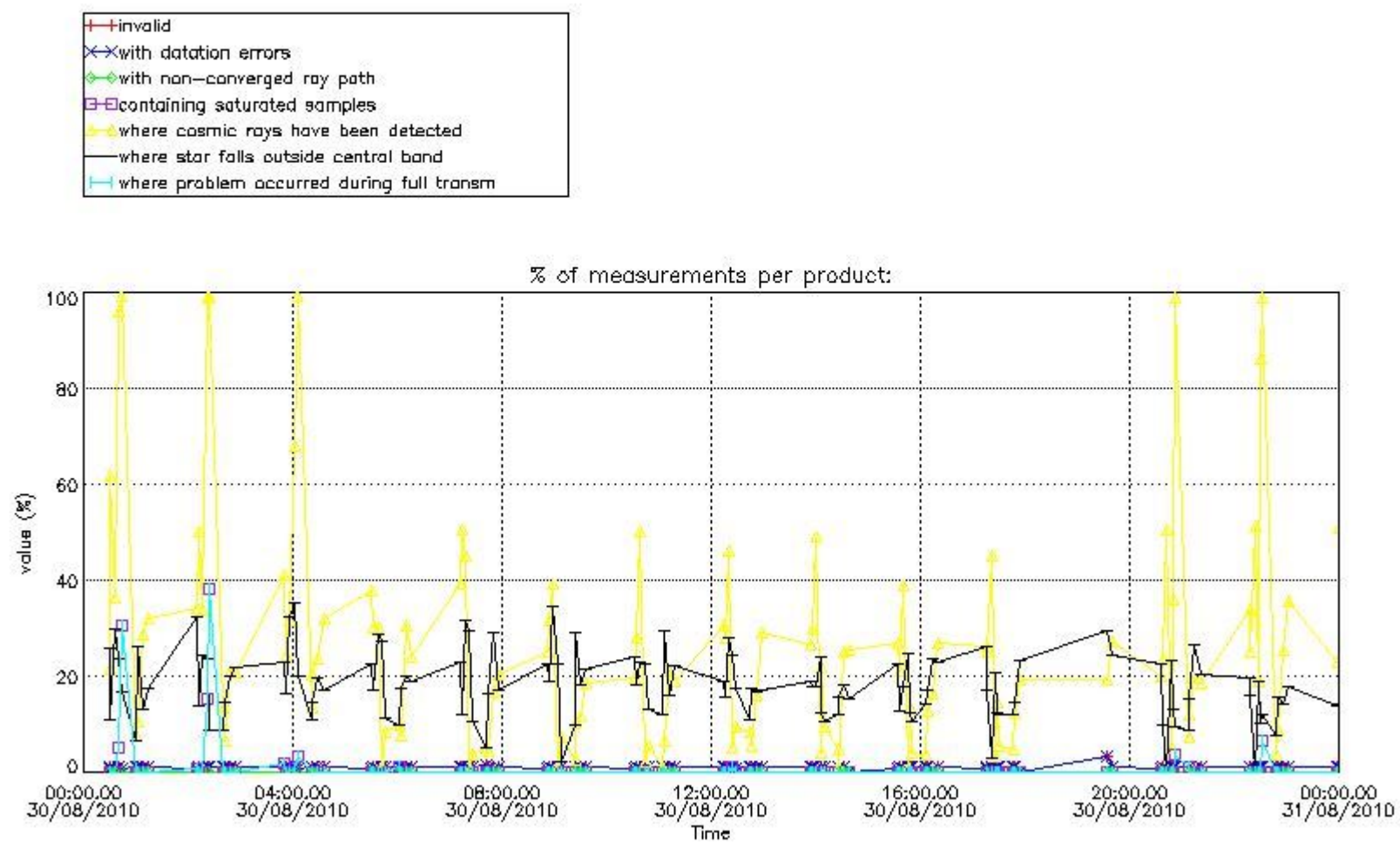


4. Level 1 quality information per product

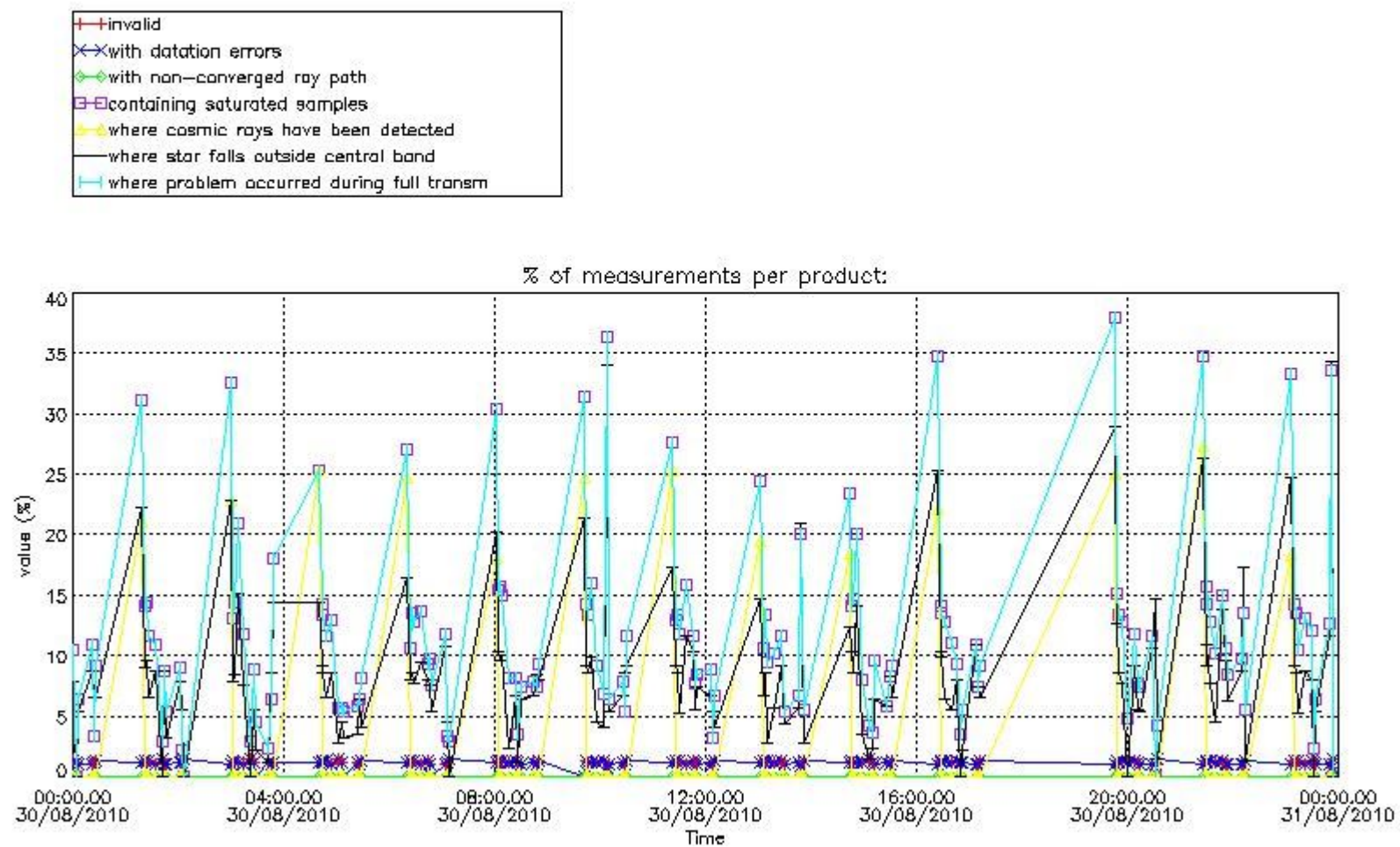
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



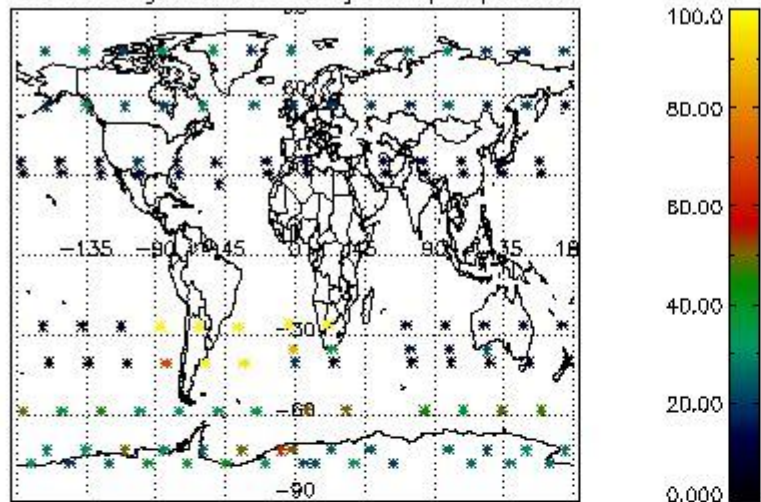
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



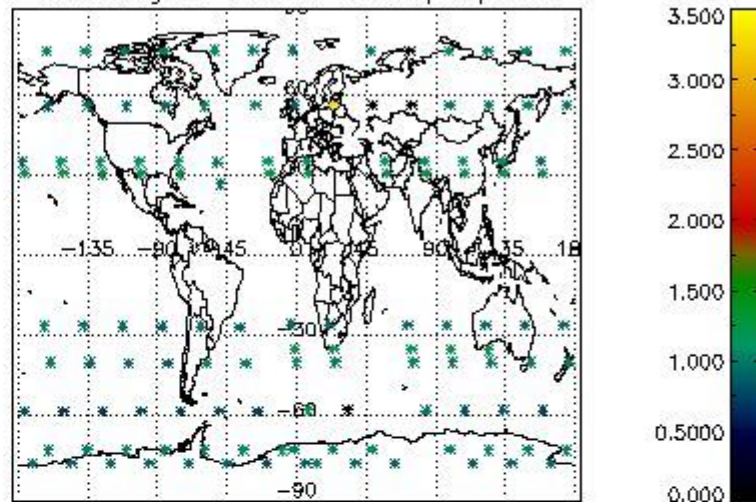
4.2 Plot quality information per product coming from level 1b processing (world map)

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

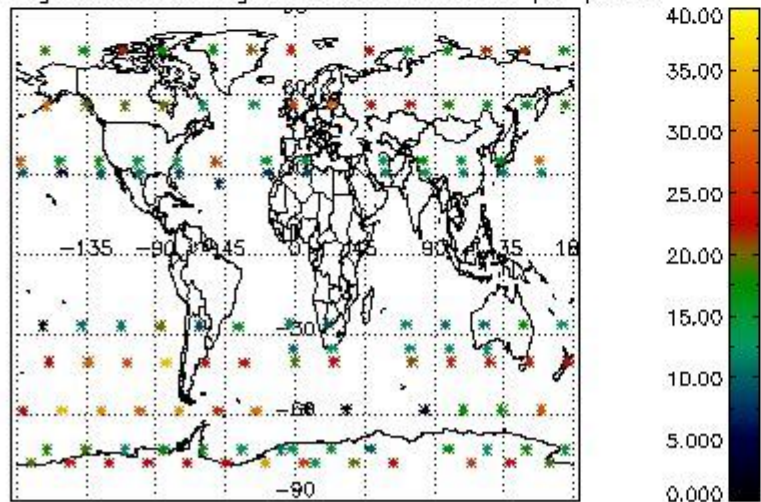
Percentage of cosmic ray hits per profile



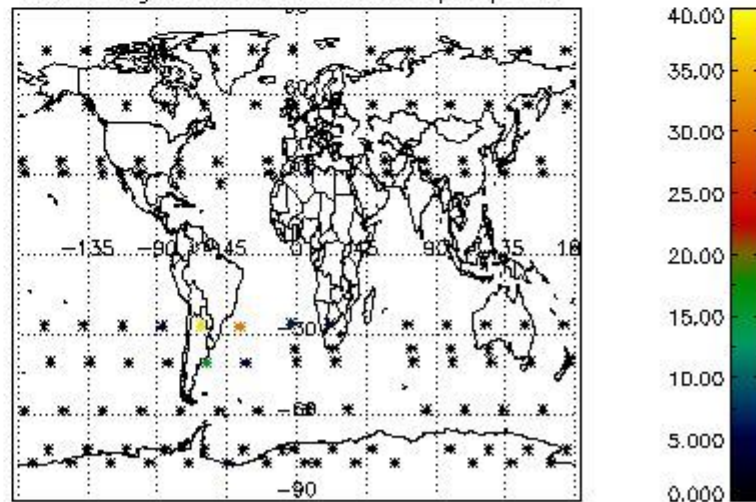
Percentage of datation errors per profile



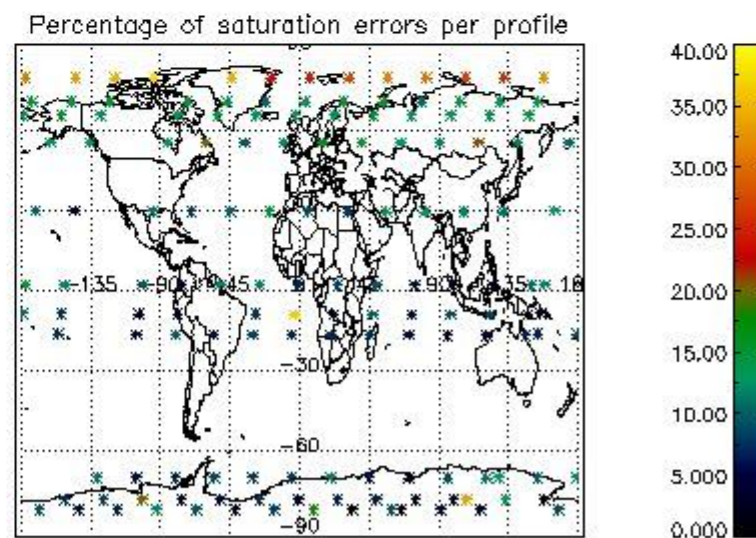
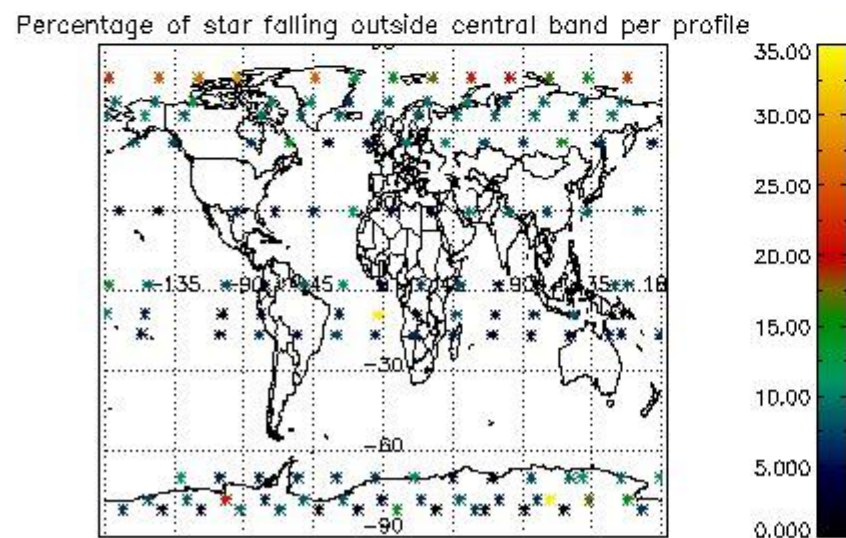
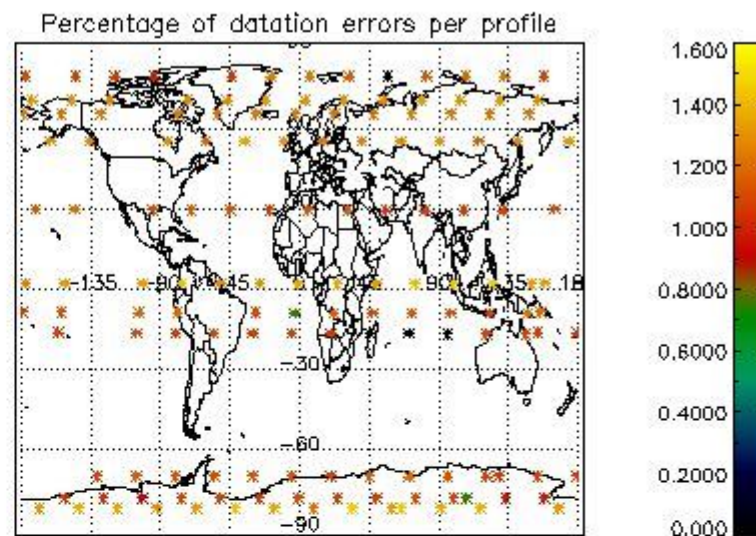
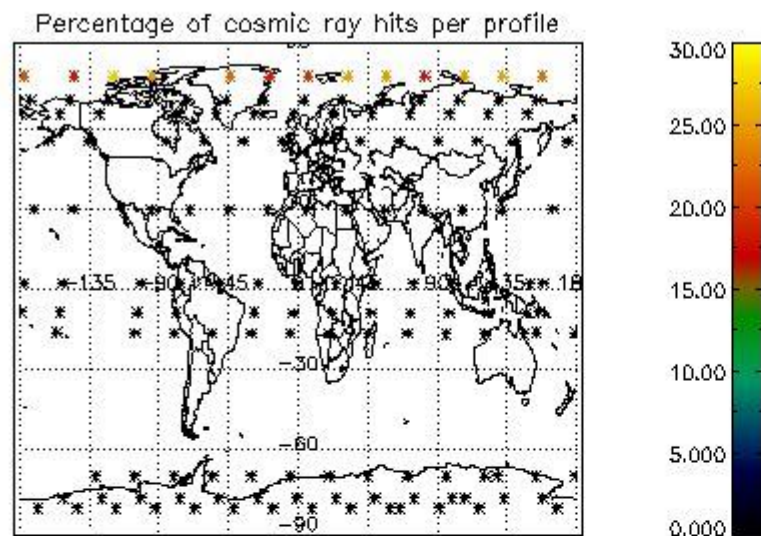
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

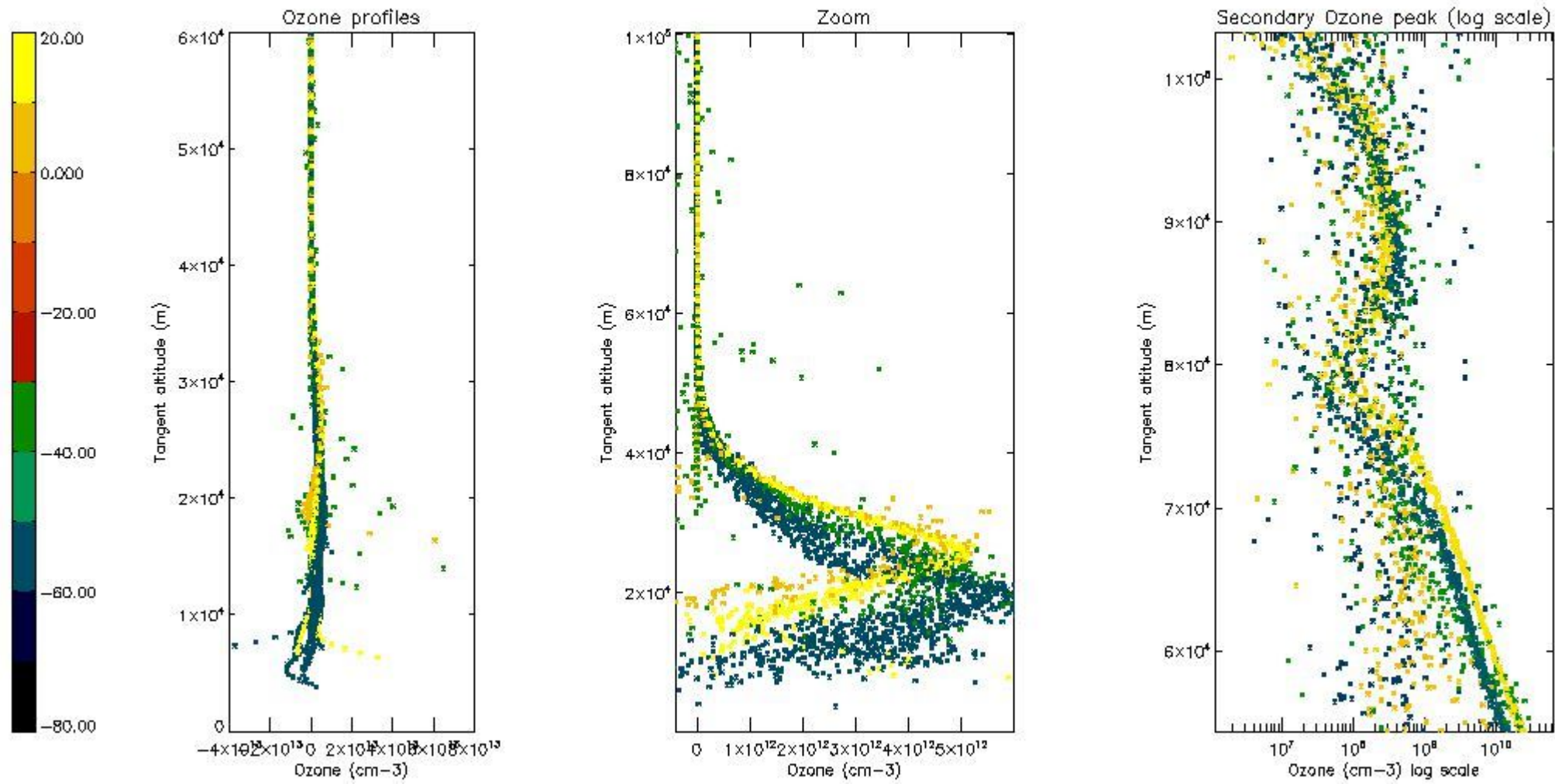
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	29
STD < 20	14

STD < 10	11
STD < 5	7

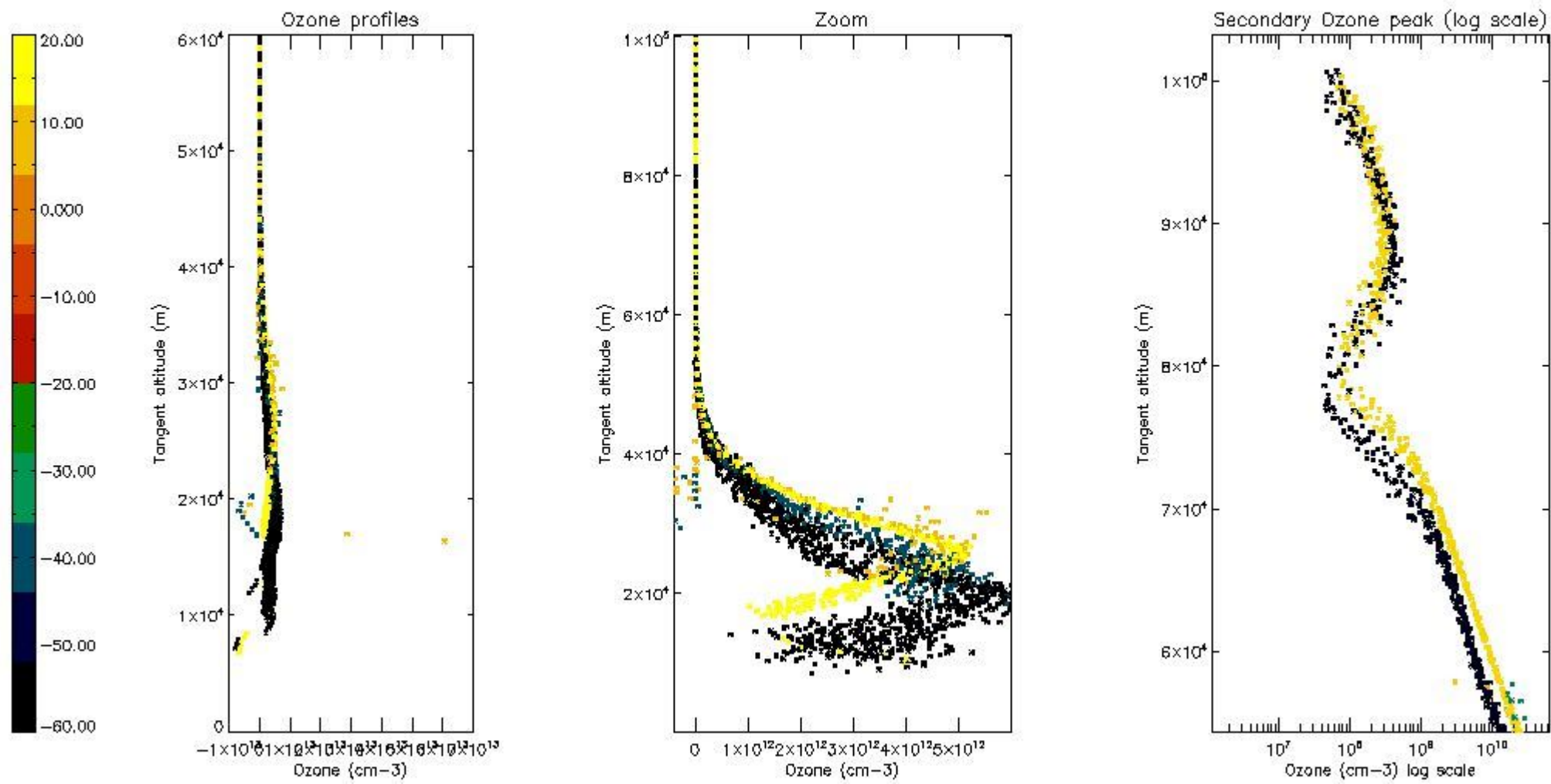
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



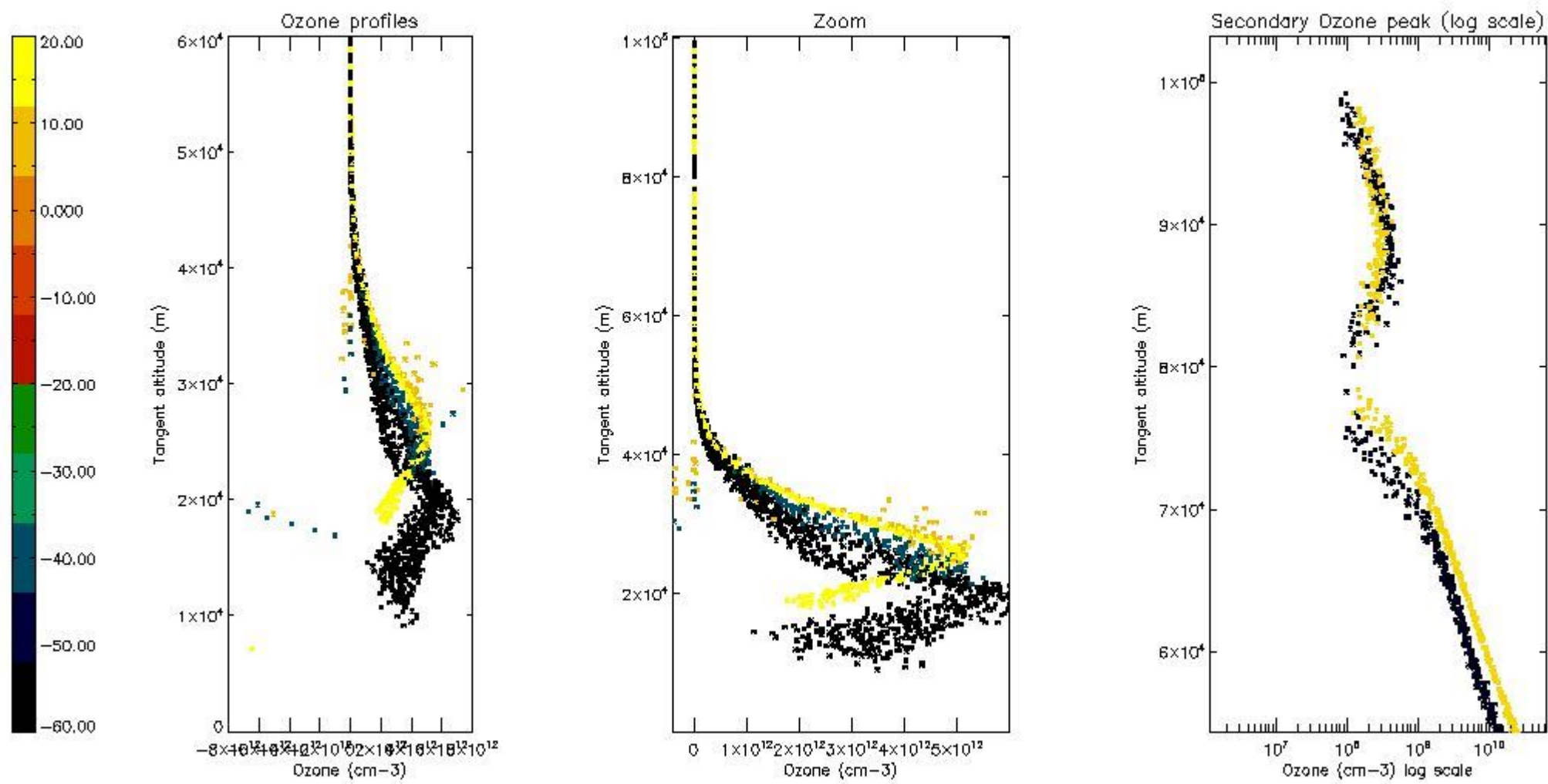
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



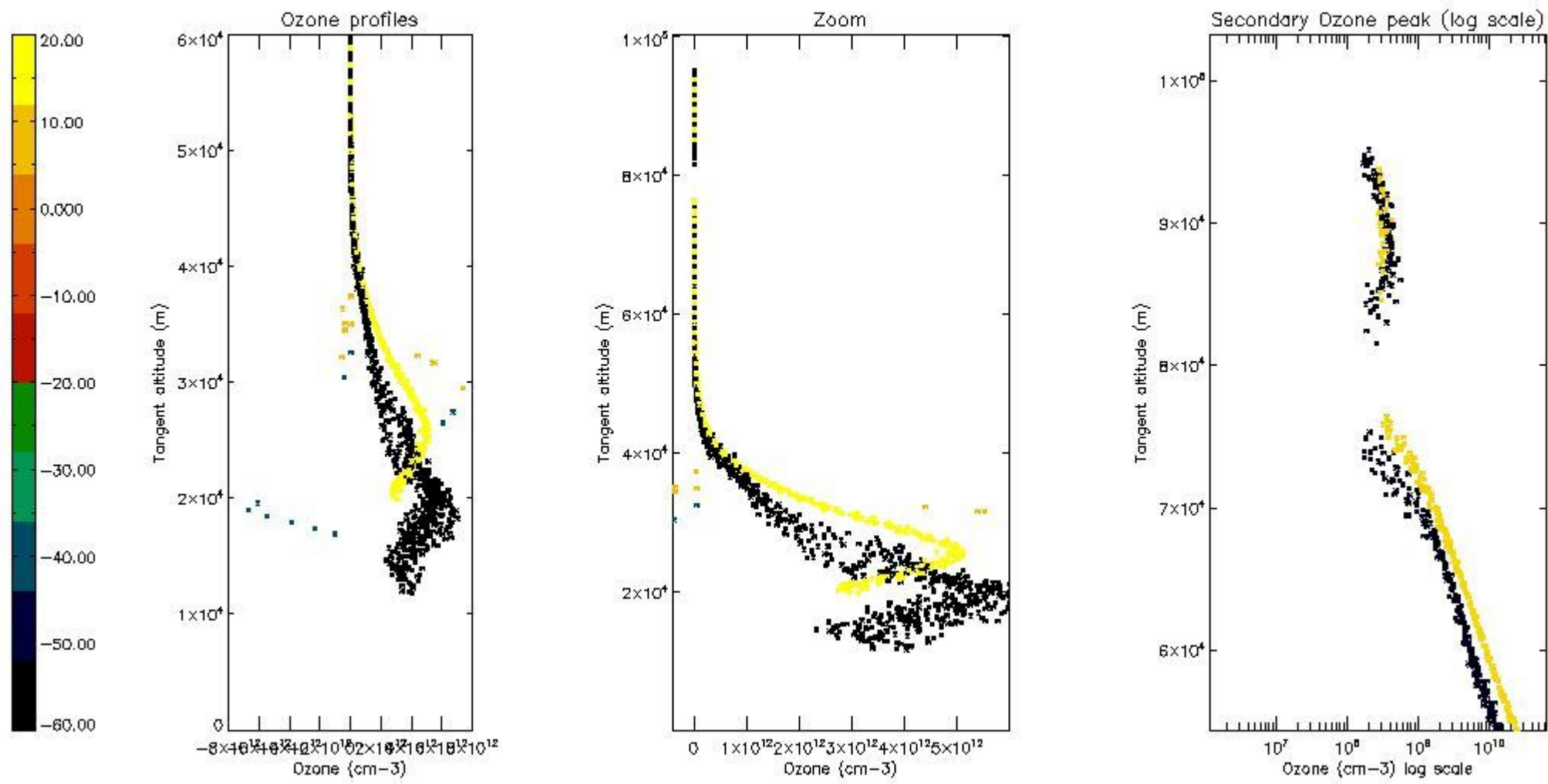
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



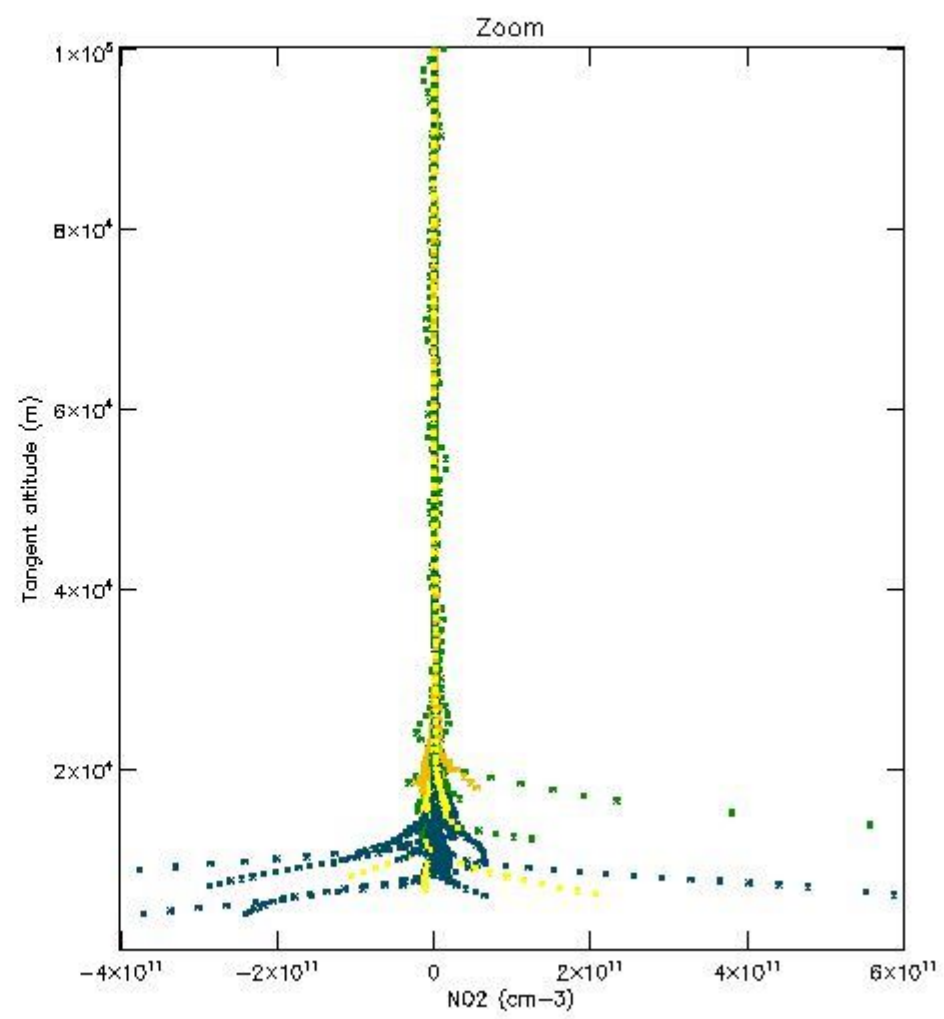
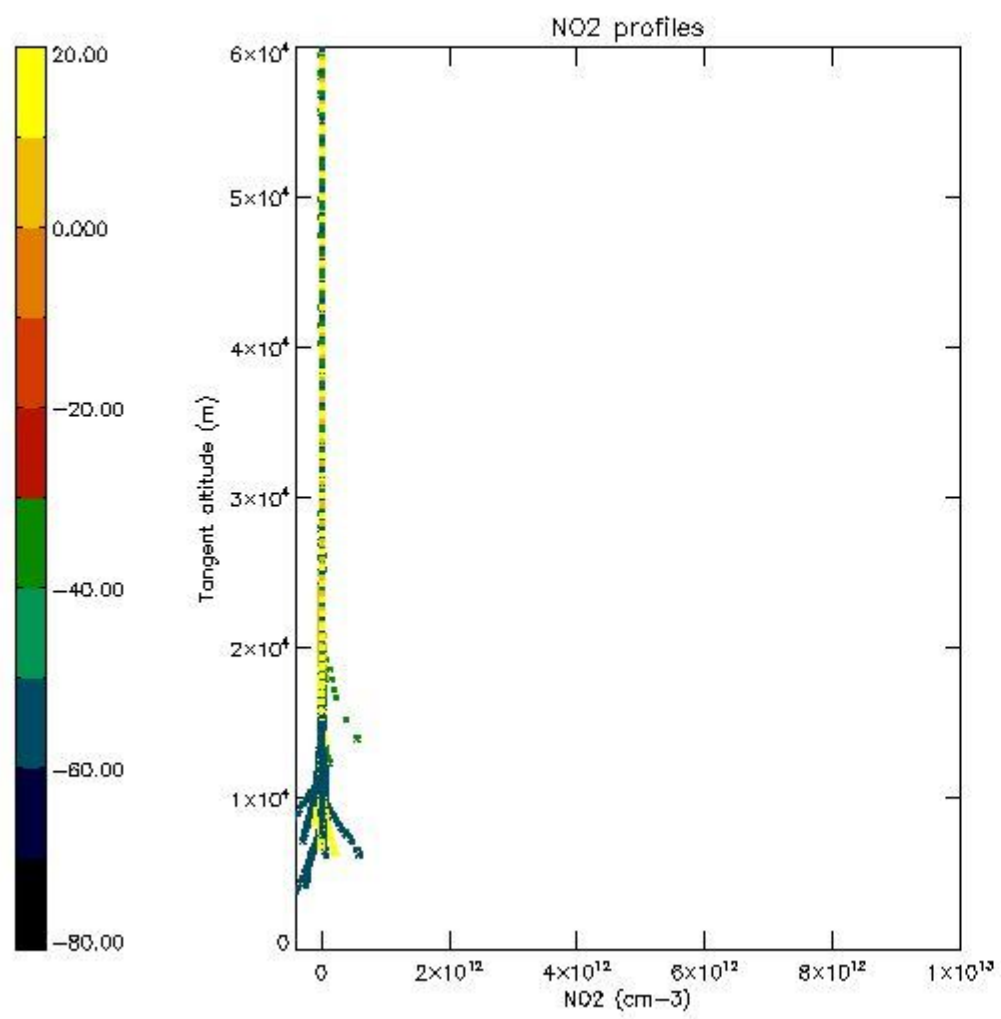
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



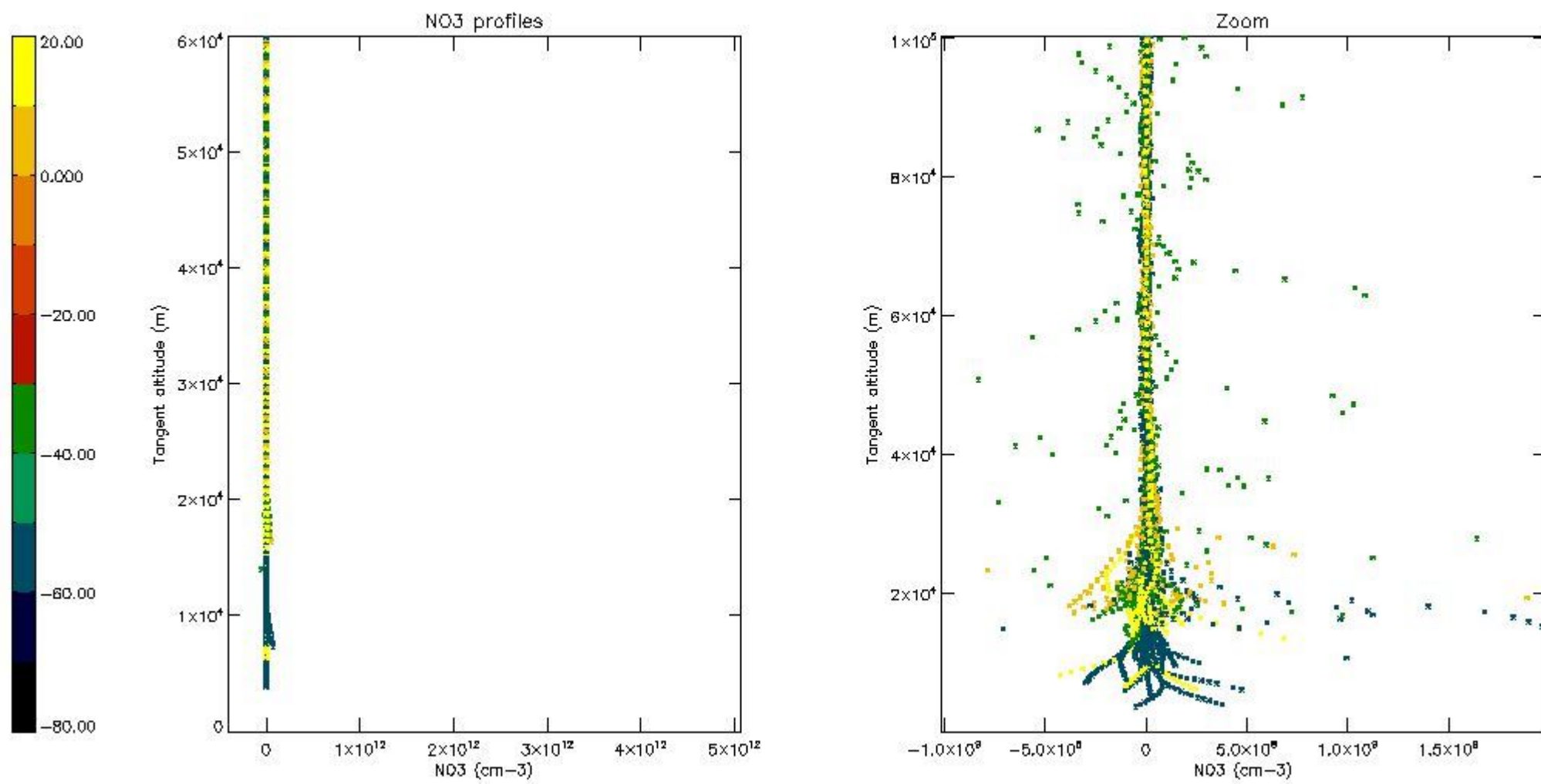
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



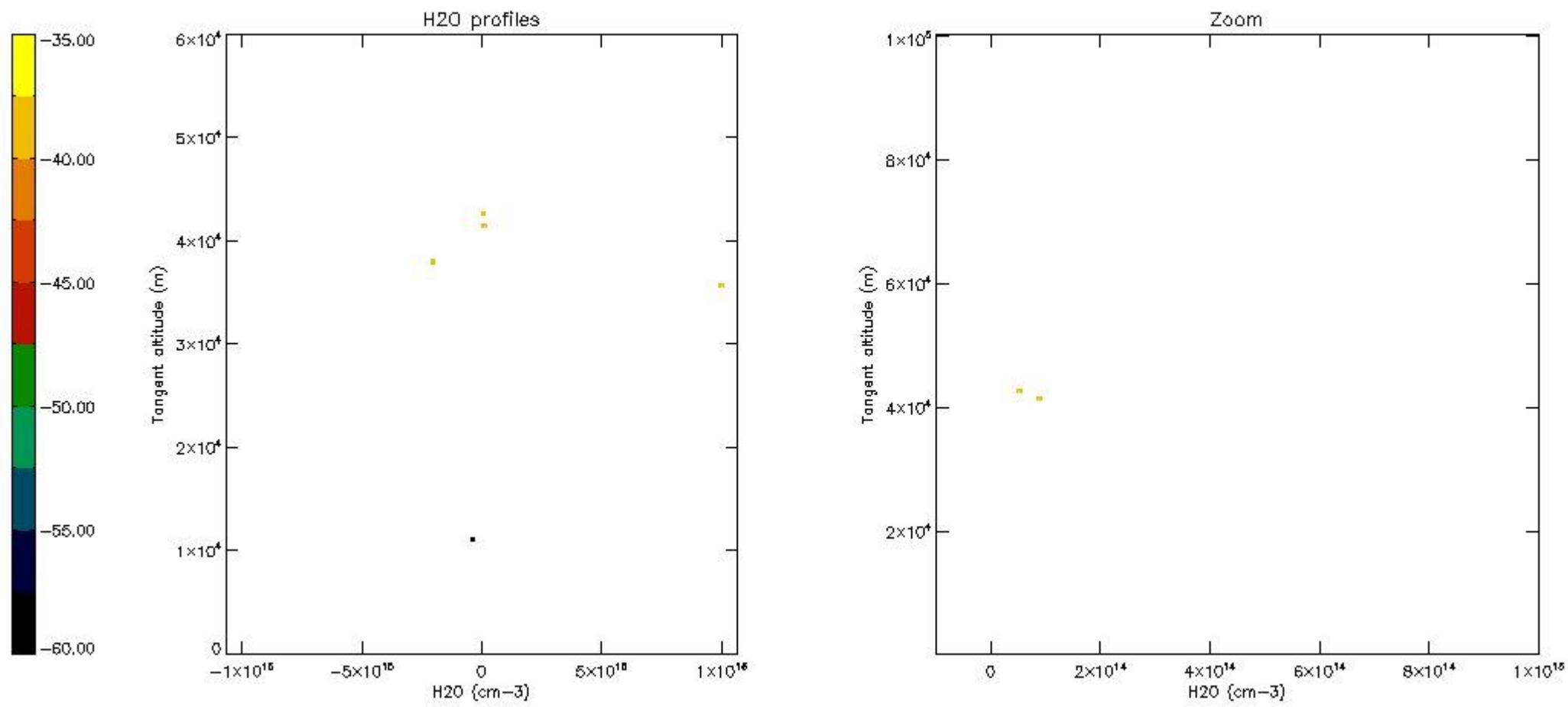
5.7 Plot NO3 profiles for all STD (dark without errors)

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	30-AUG-2010 00:00:53
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	30-AUG-2010 00:00:53
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	30-AUG-2010 00:00:53

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

[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 \(dark without errors\)](#)

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

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

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

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

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

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

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

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

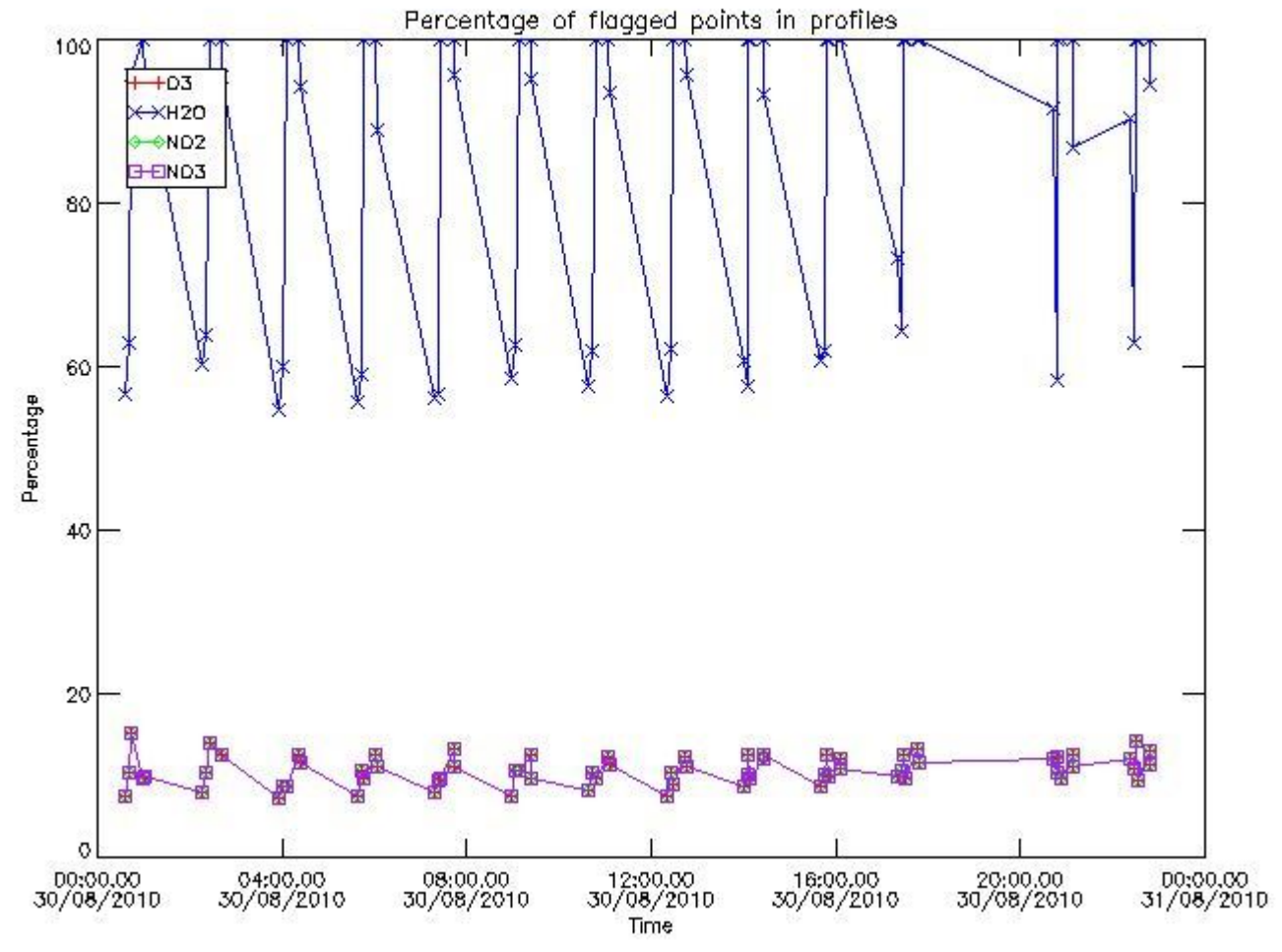
Item	Value
Time of report generation	29APR2013 14:48:42
Data source version	GOMOS/6.01
Start time of products	30-08-2010 (30AUG2010 00:00:00)
Stop time of products	31-08-2010 (31AUG2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	273
Nb of prods with errors	0

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__2PRFIN20100830_000053_000000382092_00288_44430_0984.N1	30-AUG-2010 00:00:53	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	44430	No
2	GOM_NL__2PRFIN20100830_000357_000000422092_00288_44430_0985.N1	30-AUG-2010 00:03:57	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	44430	No
3	GOM_NL__2PRFIN20100830_000608_000000472092_00288_44430_0986.N1	30-AUG-2010 00:06:08	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	44430	No
4	GOM_NL__2PRFIN20100830_002125_000000462092_00288_44430_0987.N1	30-AUG-2010 00:21:25	Bright	46.000	42	34Bet Aur	1.9000	10200.	92	44430	No
5	GOM_NL__2PRFIN20100830_002411_000000462092_00288_44430_0988.N1	30-AUG-2010 00:24:11	Bright	45.500	107	37The Aur	2.6490	11000.	91	44430	No
6	GOM_NL__2PRFIN20100830_002623_000000382092_00288_44430_0989.N1	30-AUG-2010 00:26:23	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	44430	No
7	GOM_NL__2PRFIN20100830_002909_000000582092_00288_44430_0990.N1	30-AUG-2010 00:29:09	Twilight	58.000	151	13Mu Gem	2.8900	3000.0	116	44430	No
8	GOM_NL__2PRFIN20100830_003053_000000462092_00288_44430_0991.N1	30-AUG-2010 00:30:53	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	44430	No
9	GOM_NL__2PRFIN20100830_003516_000000692092_00288_44430_0992.N1	30-AUG-2010 00:35:16	Dark	68.500	14	58Alp Ori	0.87000	3000.0	137	44430	No
10	GOM_NL__2PRFIN20100830_004028_000000492092_00288_44430_0993.N1	30-AUG-2010 00:40:28	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	44430	No
11	GOM_NL__2PRFIN20100830_004418_000000572092_00288_44430_0994.N1	30-AUG-2010 00:44:18	Dark	57.000	101	11Alp Lep	2.5820	7000.0	114	44430	No
12	GOM_NL__2PRFIN20100830_005917_000000542092_00289_44431_9296.N1	30-AUG-2010 00:59:17	Dark	53.500	157	The1Eri	2.9060	9300.0	107	44431	No
13	GOM_NL__2PRFIN20100830_010134_000000522092_00289_44431_9297.N1	30-AUG-2010 01:01:34	Dark	51.500	9	Alp Eri	0.45300	24000.	103	44431	No
14	GOM_NL__2PRFIN20100830_010732_000000492092_00289_44431_9298.N1	30-AUG-2010 01:07:32	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	44431	No
15	GOM_NL__2PRFIN20100830_011350_000000492092_00289_44431_9299.N1	30-AUG-2010 01:13:50	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	44431	No
16	GOM_NL__2PRFIN20100830_011844_000000452092_00289_44431_9300.N1	30-AUG-2010 01:18:44	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	44431	No
17	GOM_NL__2PRFIN20100830_012154_000000392092_00289_44431_9301.N1	30-AUG-2010 01:21:54	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44431	No
18	GOM_NL__2PRFIN20100830_012325_000000422092_00289_44431_9302.N1	30-AUG-2010 01:23:25	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	44431	No
19	GOM_NL__2PRFIN20100830_012626_000000392092_00289_44431_9303.N1	30-AUG-2010 01:26:26	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	44431	No
20	GOM_NL__2PRFIN20100830_013347_000000462092_00289_44431_9304.N1	30-AUG-2010 01:33:47	Bright	46.000	164	44Eta Peg	2.9480	5400.0	92	44431	No
21	GOM_NL__2PRFIN20100830_014128_000000342092_00289_44431_9305.N1	30-AUG-2010 01:41:28	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	44431	No
22	GOM_NL__2PRFIN20100830_014433_000000462092_00289_44431_9306.N1	30-AUG-2010 01:44:33	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	44431	No
23	GOM_NL__2PRFIN20100830_014643_000000462092_00289_44431_9307.N1	30-AUG-2010 01:46:43	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44431	No
24	GOM_NL__2PRFIN20100830_020201_000000452092_00289_44431_9308.N1	30-AUG-2010 02:02:01	Bright	44.500	42	34Bet Aur	1.9000	10200.	89	44431	No
25	GOM_NL__2PRFIN20100830_020446_000000452092_00289_44431_9309.N1	30-AUG-2010 02:04:46	Bright	45.000	107	37The Aur	2.6490	11000.	90	44431	No
26	GOM_NL__2PRFIN20100830_020659_000000342092_00289_44431_9310.N1	30-AUG-2010 02:06:59	Bright	34.000	17	78Bet Gem	1.1610	4500.0	68	44431	No
27	GOM_NL__2PRFIN20100830_020946_000000632092_00289_44431_9311.N1	30-AUG-2010 02:09:46	Twilight	63.000	151	13Mu Gem	2.8900	3000.0	126	44431	No
28	GOM_NL__2PRFIN20100830_021130_000000472092_00289_44431_9312.N1	30-AUG-2010 02:11:30	Twilight	47.000	44	24Gam Gem	1.9280	11000.	94	44431	No
29	GOM_NL__2PRFIN20100830_021553_000000642092_00289_44431_9313.N1	30-AUG-2010 02:15:53	Dark	63.500	14	58Alp Ori	0.87000	3000.0	127	44431	No
30	GOM_NL__2PRFIN20100830_022105_000000492092_00289_44431_9314.N1	30-AUG-2010 02:21:05	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	44431	No
31	GOM_NL__2PRFIN20100830_022455_000000512092_00289_44431_9315.N1	30-AUG-2010 02:24:55	Dark	51.000	101	11Alp Lep	2.5820	7000.0	102	44431	No
32	GOM_NL__2PRFIN20100830_024055_000000412092_00290_44432_9306.N1	30-AUG-2010 02:40:55	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	44432	No
33	GOM_NL__2PRFIN20100830_024210_000000452092_00290_44432_9307.N1	30-AUG-2010 02:42:10	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44432	No
34	GOM_NL__2PRFIN20100830_024809_000000532092_00290_44432_9308.N1	30-AUG-2010 02:48:09	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	44432	No
35	GOM_NL__2PRFIN20100830_025426_000000512092_00290_44432_9309.N1	30-AUG-2010 02:54:26	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	44432	No
36	GOM_NL__2PRFIN20100830_025920_000000462092_00290_44432_9310.N1	30-AUG-2010 02:59:20	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	44432	No
37	GOM_NL__2PRFIN20100830_030230_000000382092_00290_44432_9311.N1	30-AUG-2010 03:02:30	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	44432	No
38	GOM_NL__2PRFIN20100830_030401_000000422092_00290_44432_9312.N1	30-AUG-2010 03:04:01	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	44432	No
39	GOM_NL__2PRFIN20100830_030702_000000432092_00290_44432_9313.N1	30-AUG-2010 03:07:02	Bright	43.000	61	8Eps Peg	2.1000	3900.0	86	44432	No
40	GOM_NL__2PRFIN20100830_031422_000000472092_00290_44432_9314.N1	30-AUG-2010 03:14:22	Bright	46.500	164	44Eta Peg	2.9480	5400.0	93	44432	No
41	GOM_NL__2PRFIN20100830_032204_000000352092_00290_44432_9315.N1	30-AUG-2010 03:22:04	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	44432	No
42	GOM_NL__2PRFIN20100830_032508_000000452092_00290_44432_9316.N1	30-AUG-2010 03:25:08	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	44432	No

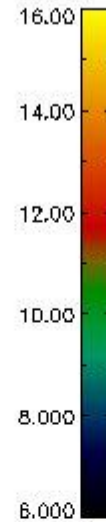
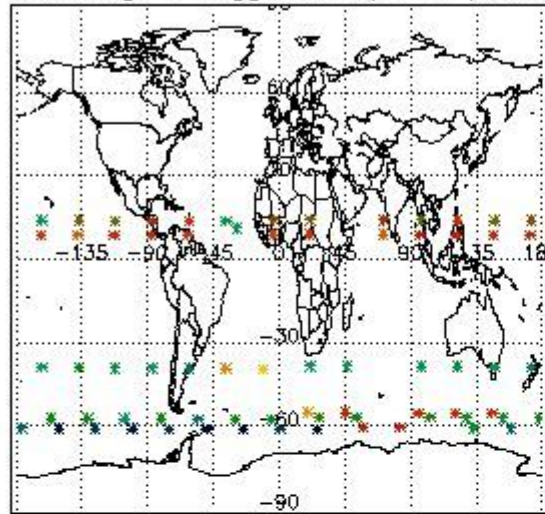
the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

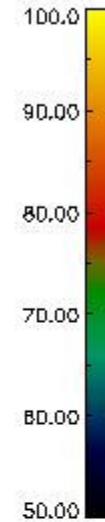
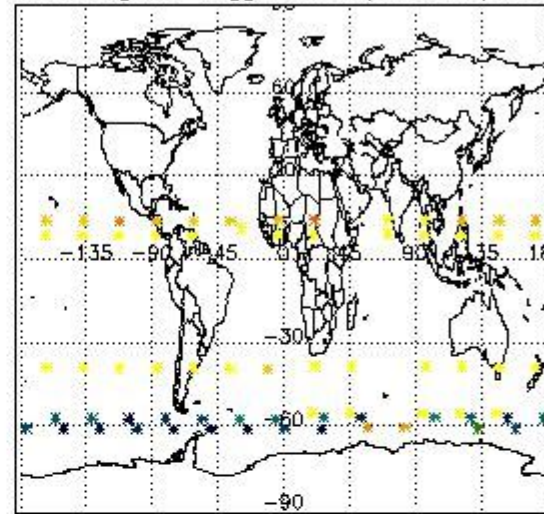


3.2 Plot quality information per product (world map)

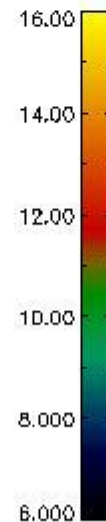
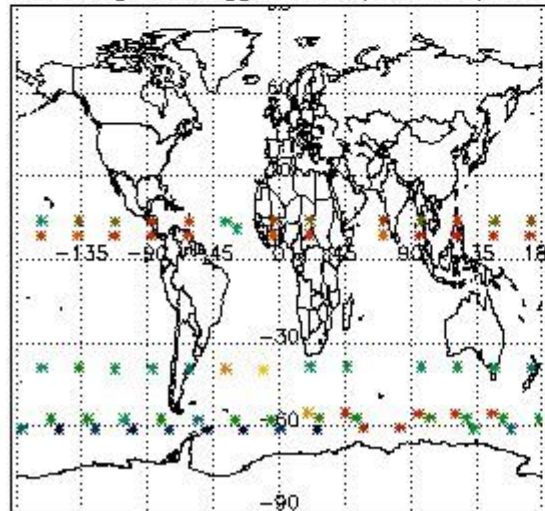
Percentage of flagged data per O3 profile



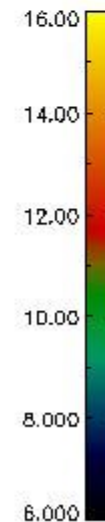
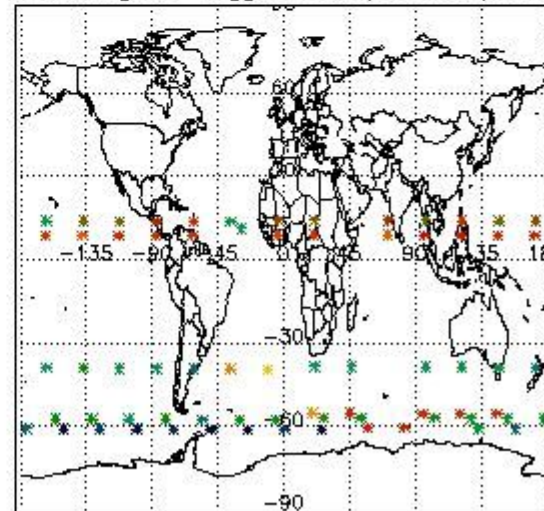
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

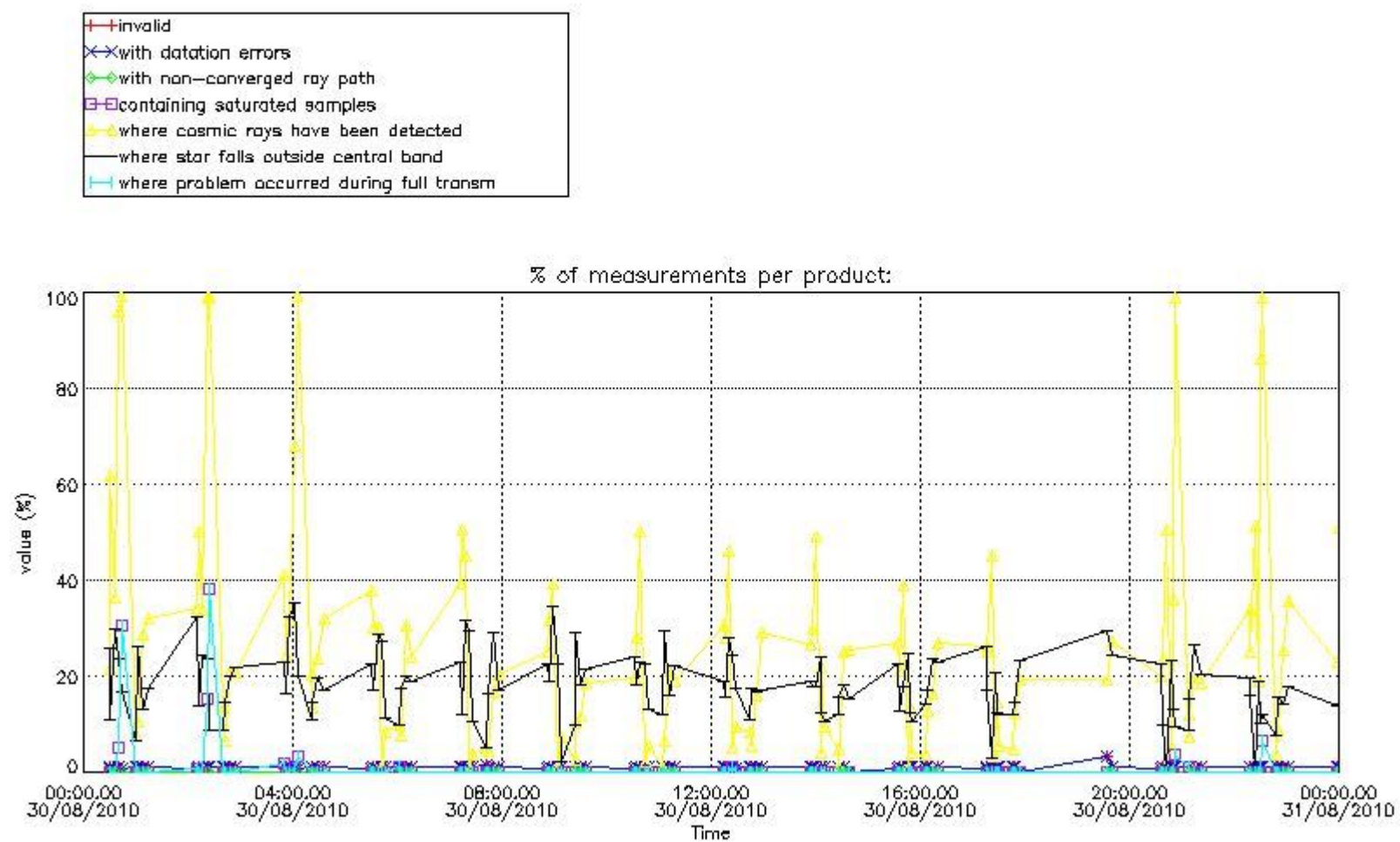


4. Level 1 quality information per product

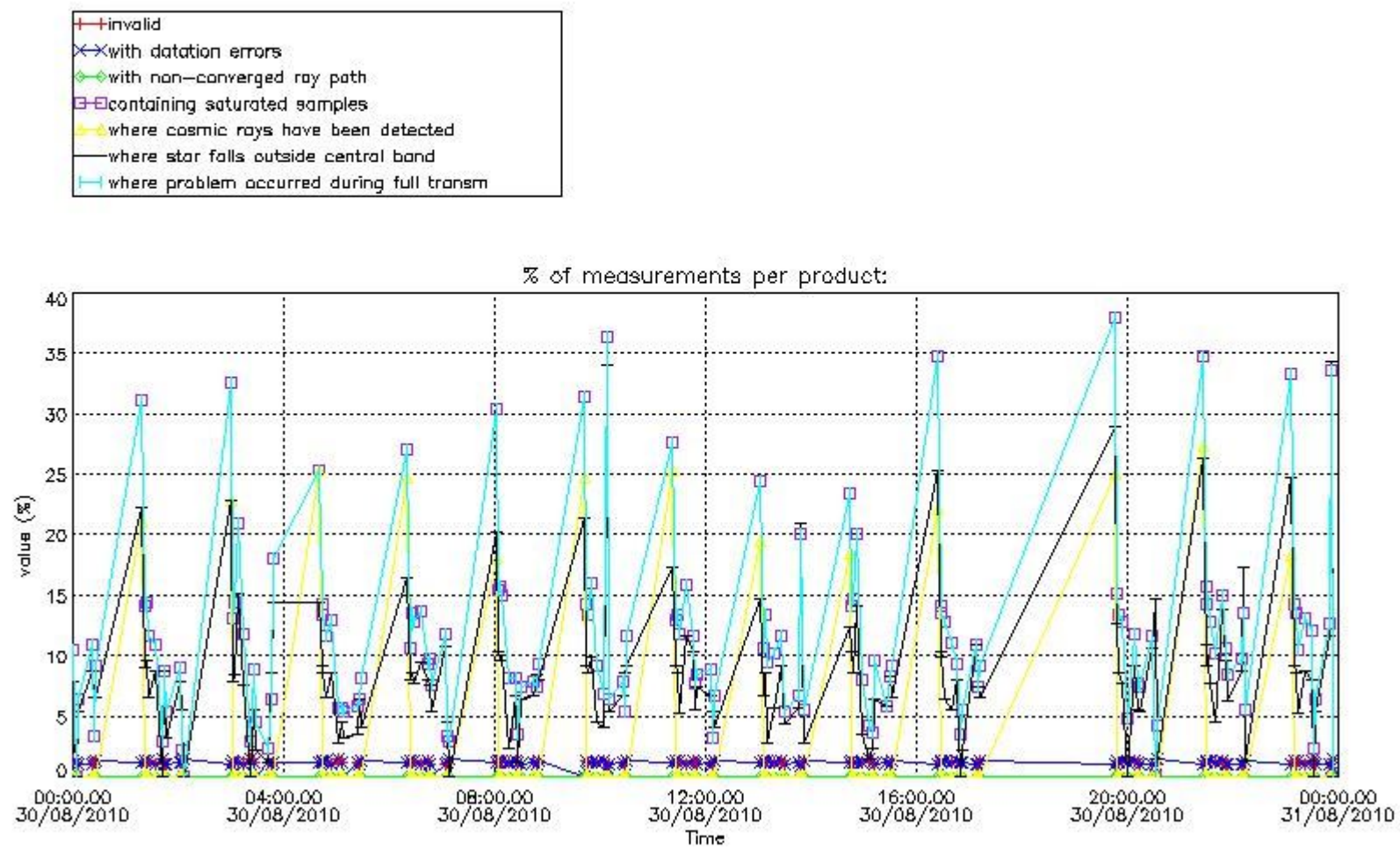
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



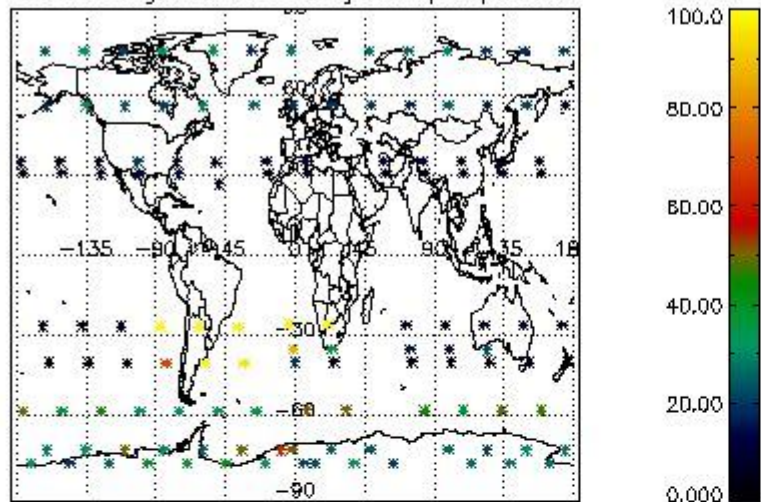
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



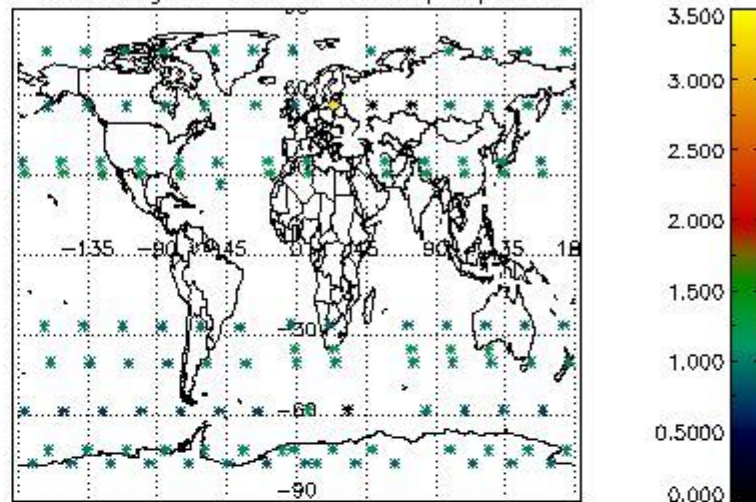
4.2 Plot quality information per product coming from level 1b processing (world map)

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

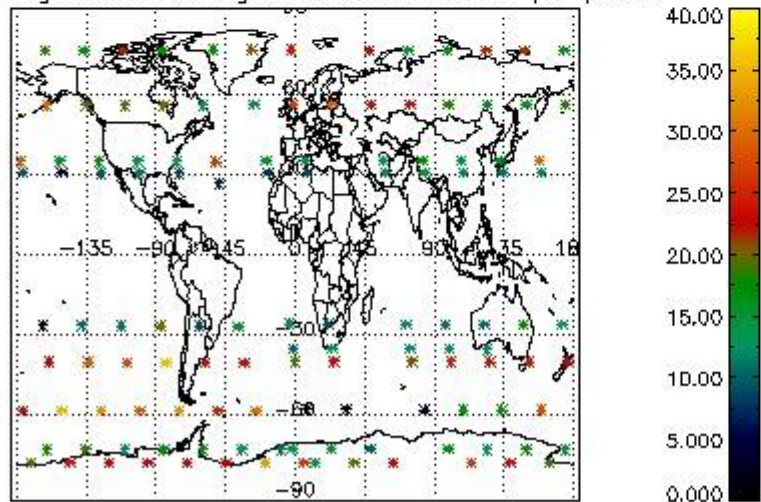
Percentage of cosmic ray hits per profile



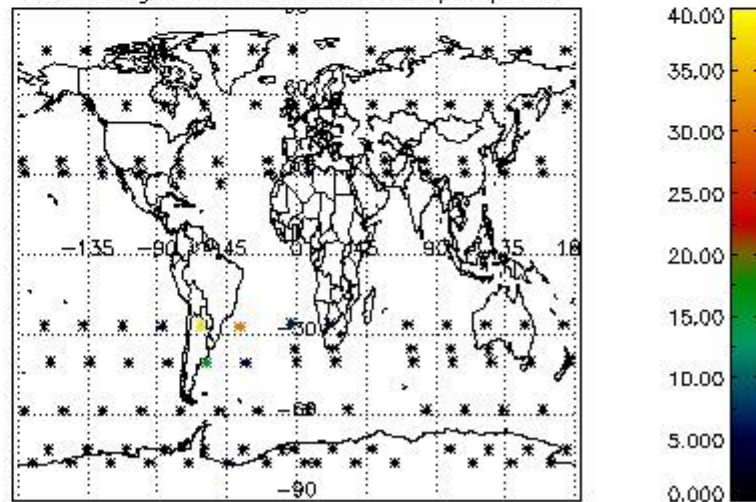
Percentage of datation errors per profile



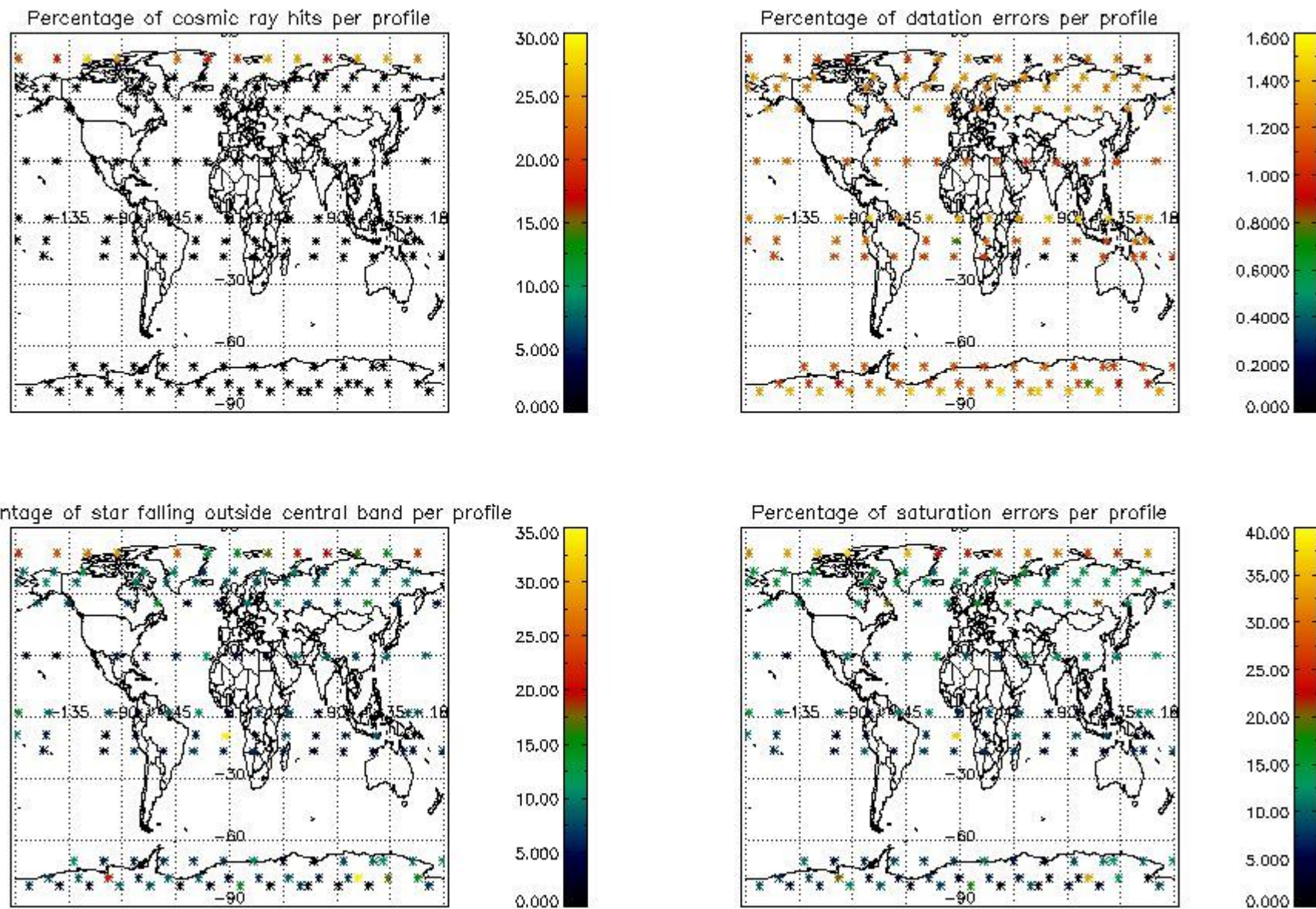
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

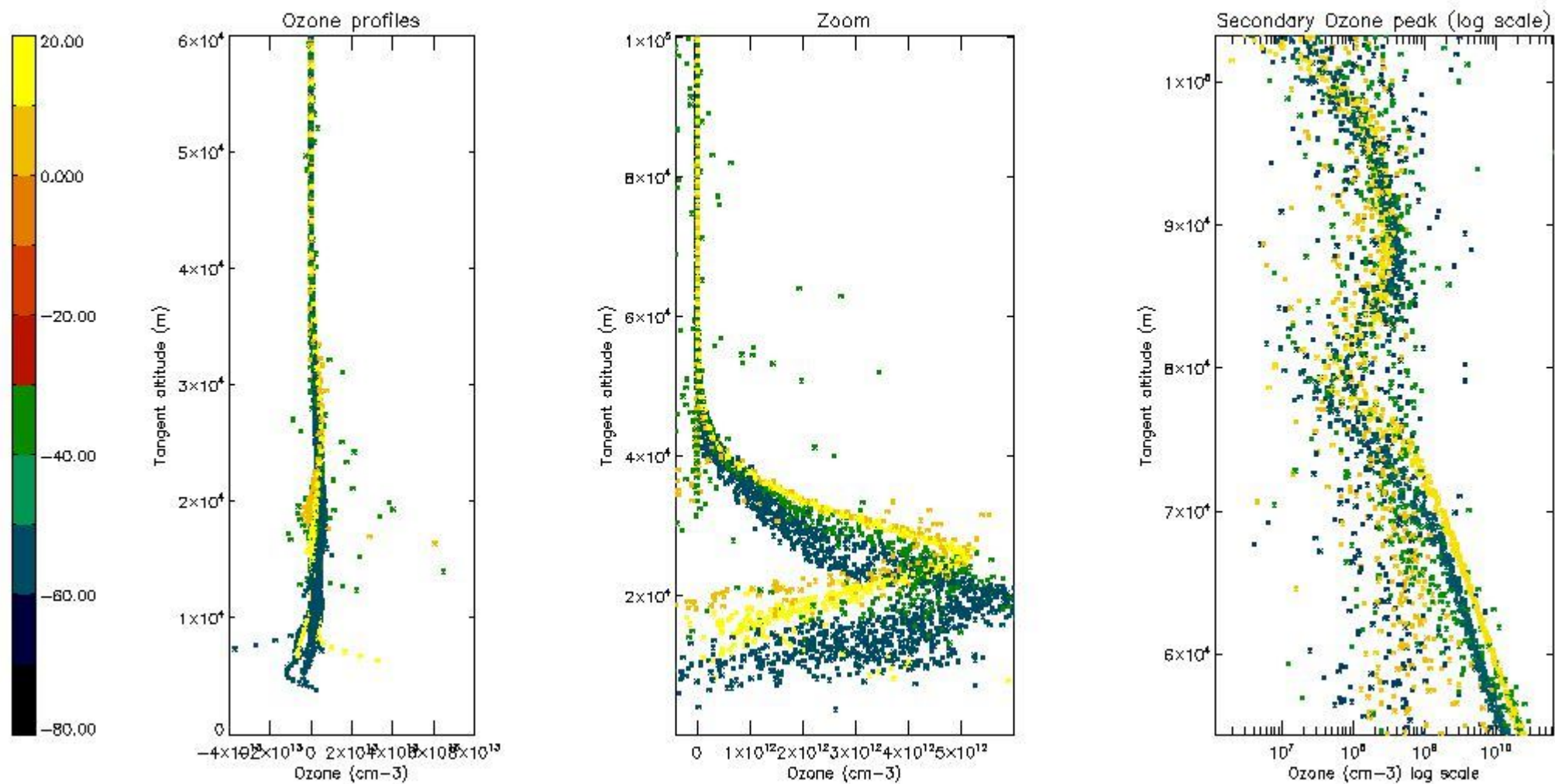
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	29
STD < 20	14

STD < 10	11
STD < 5	7

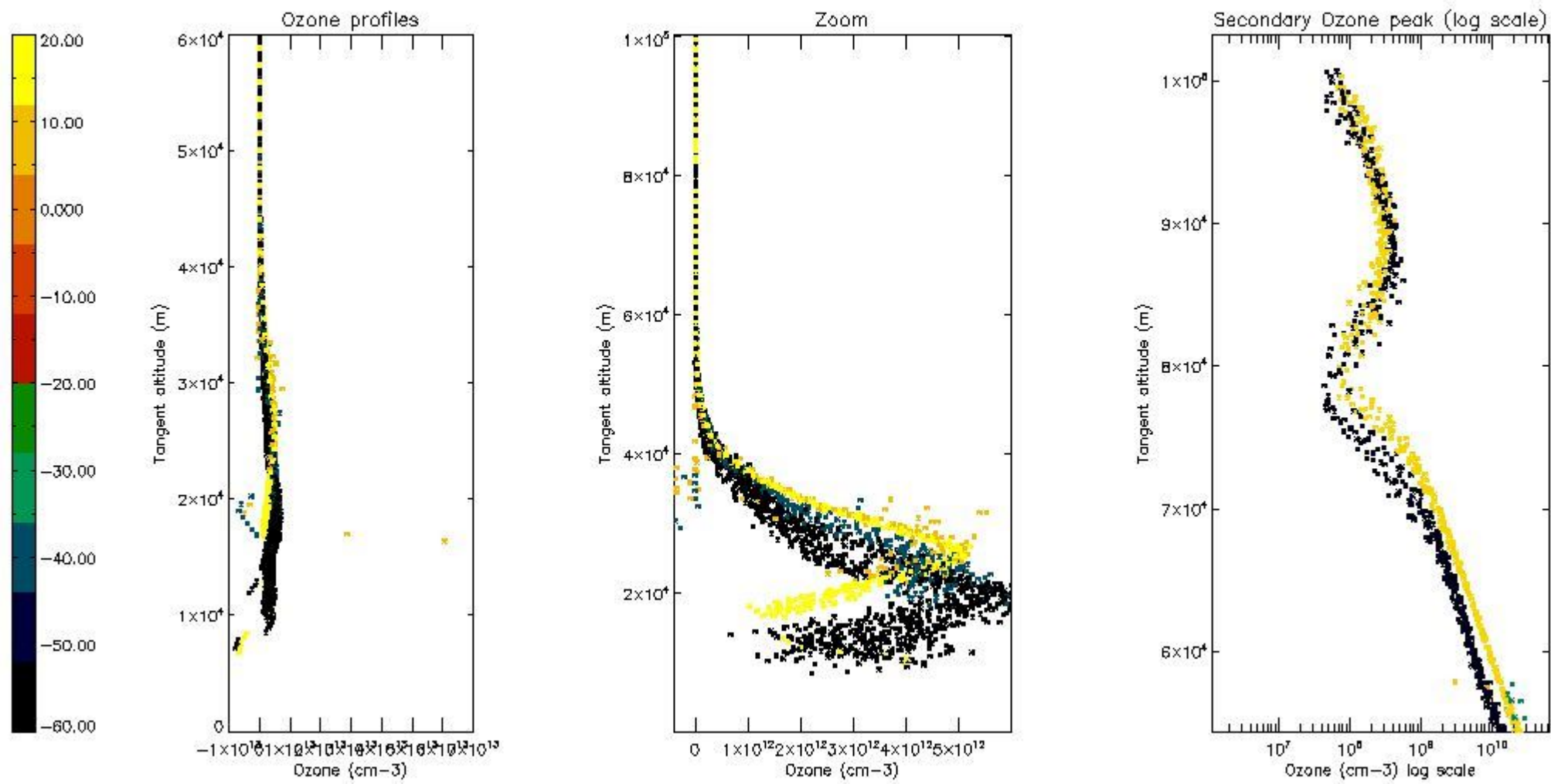
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



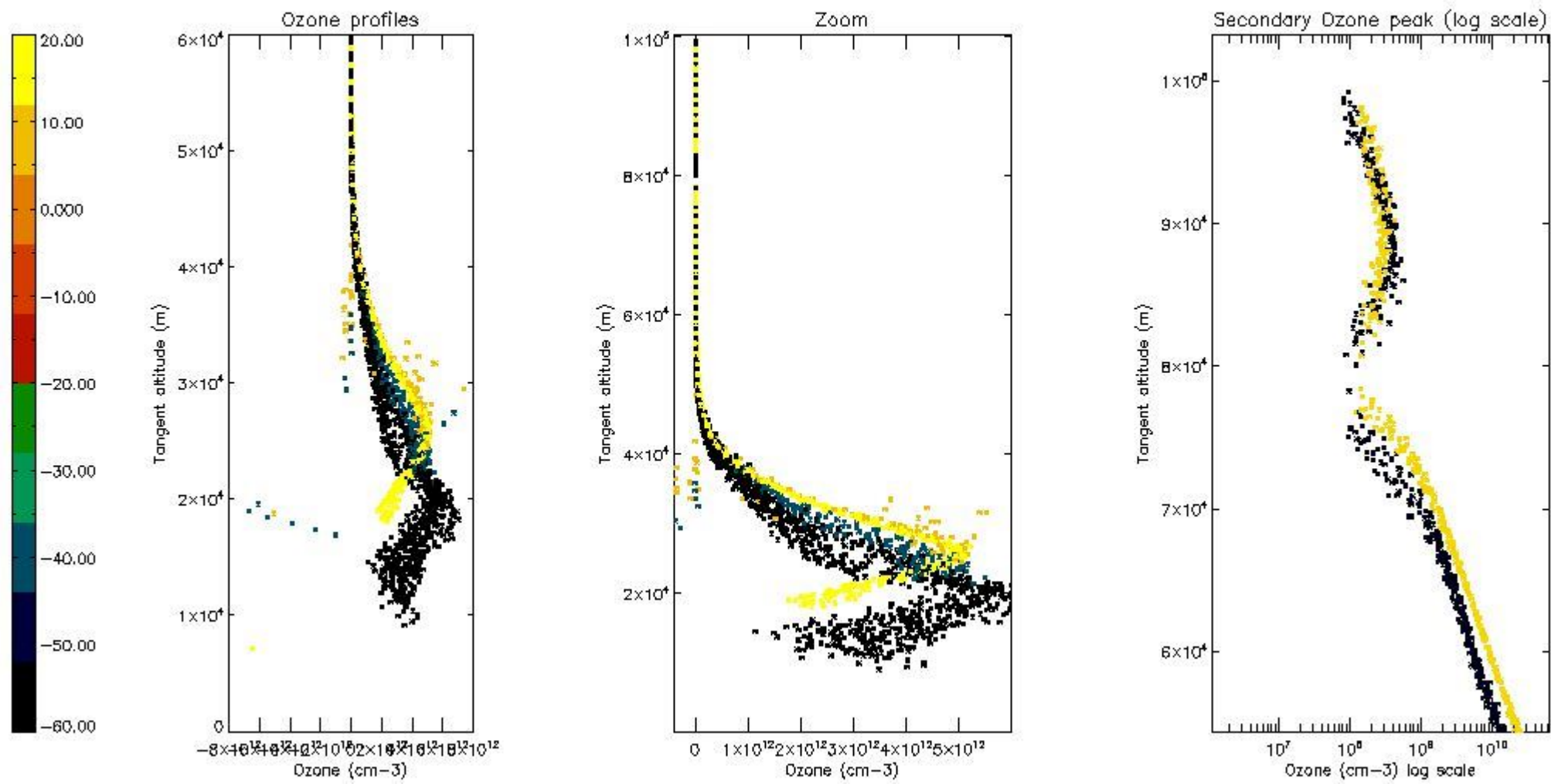
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



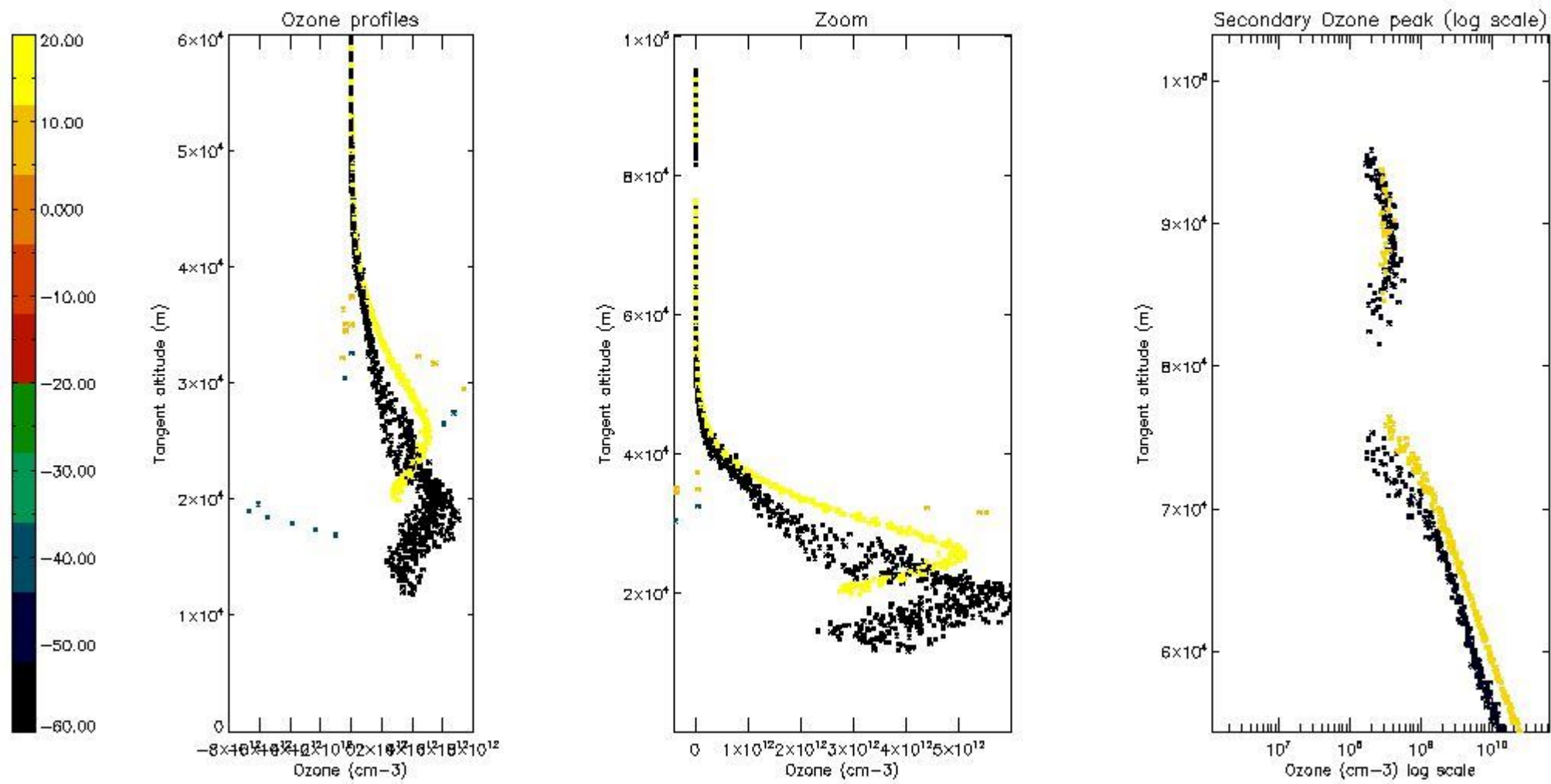
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



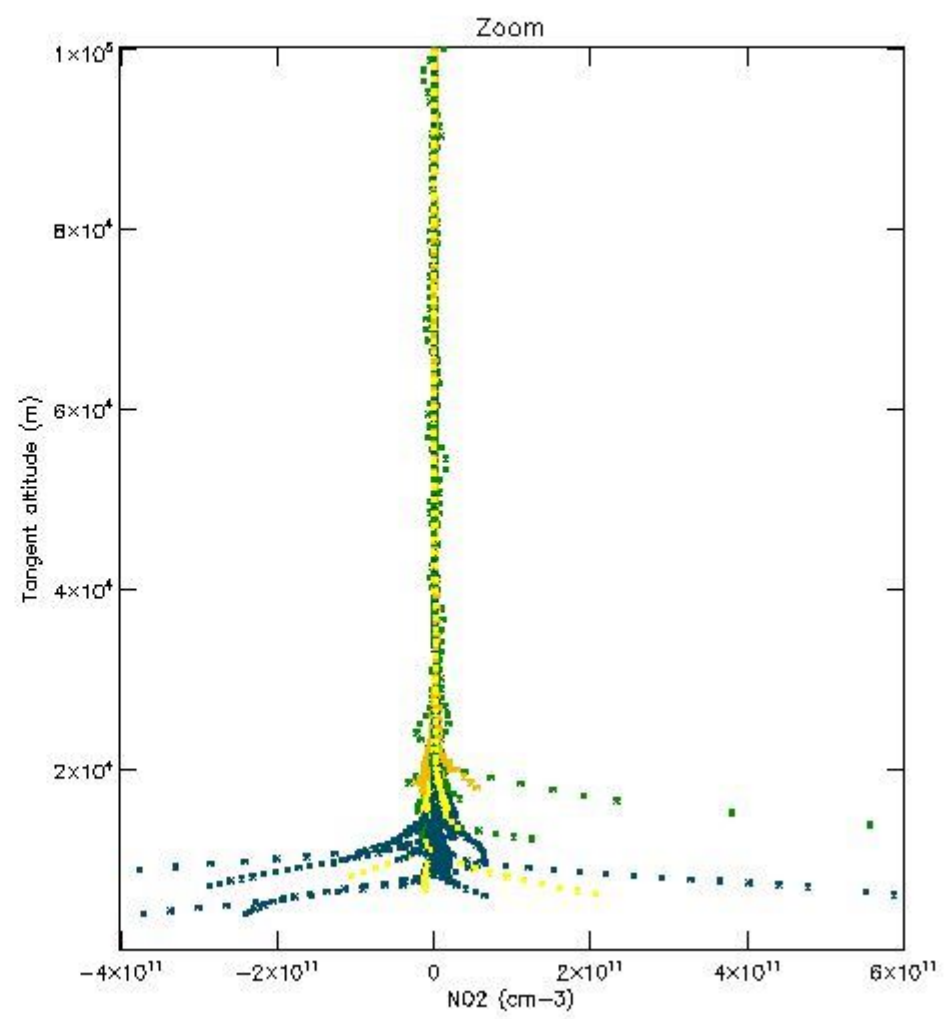
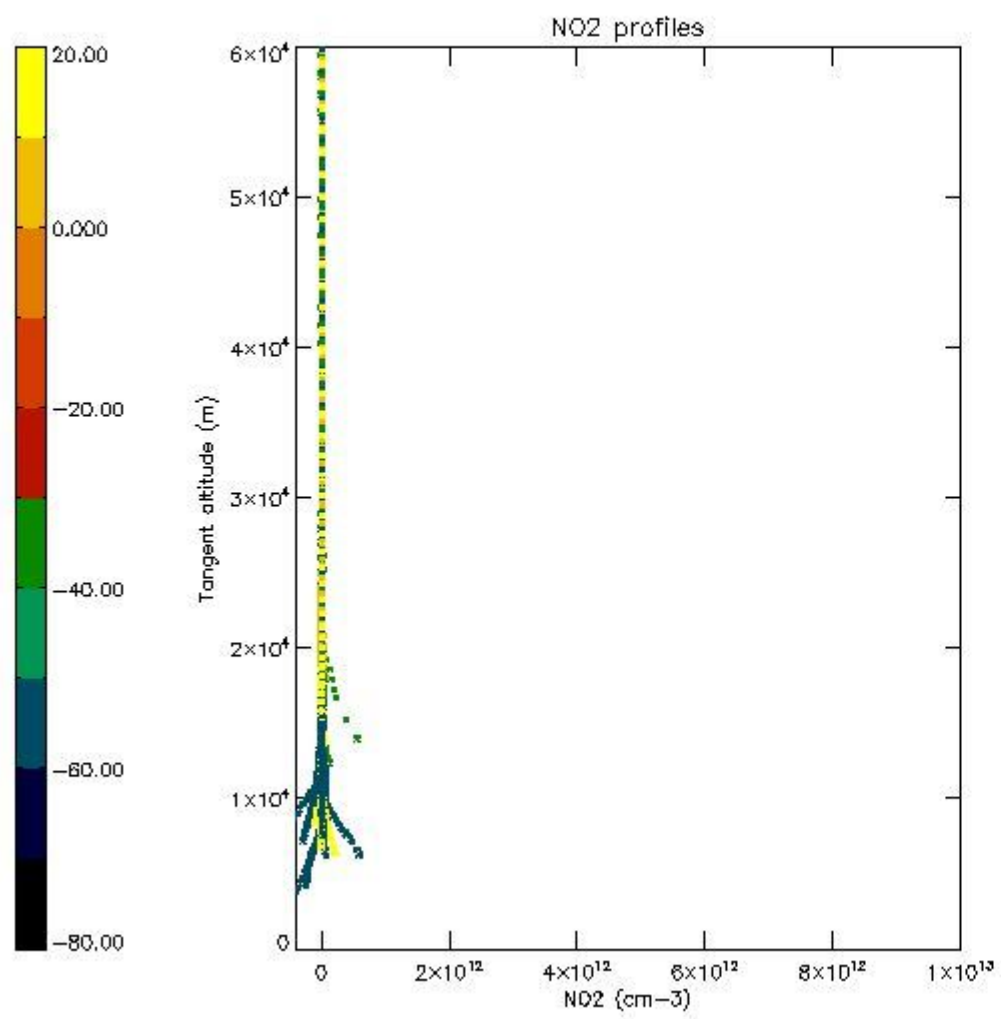
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



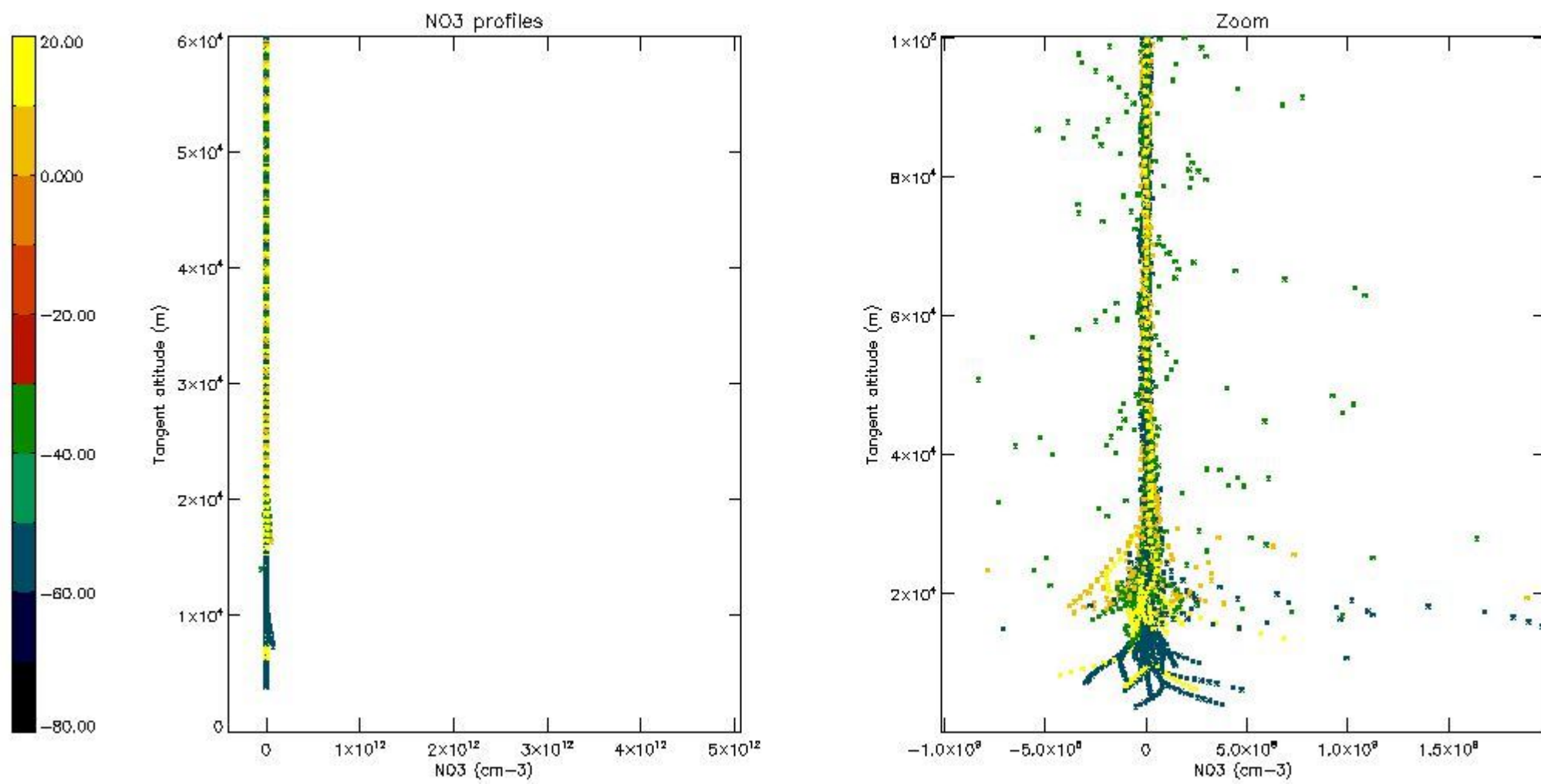
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



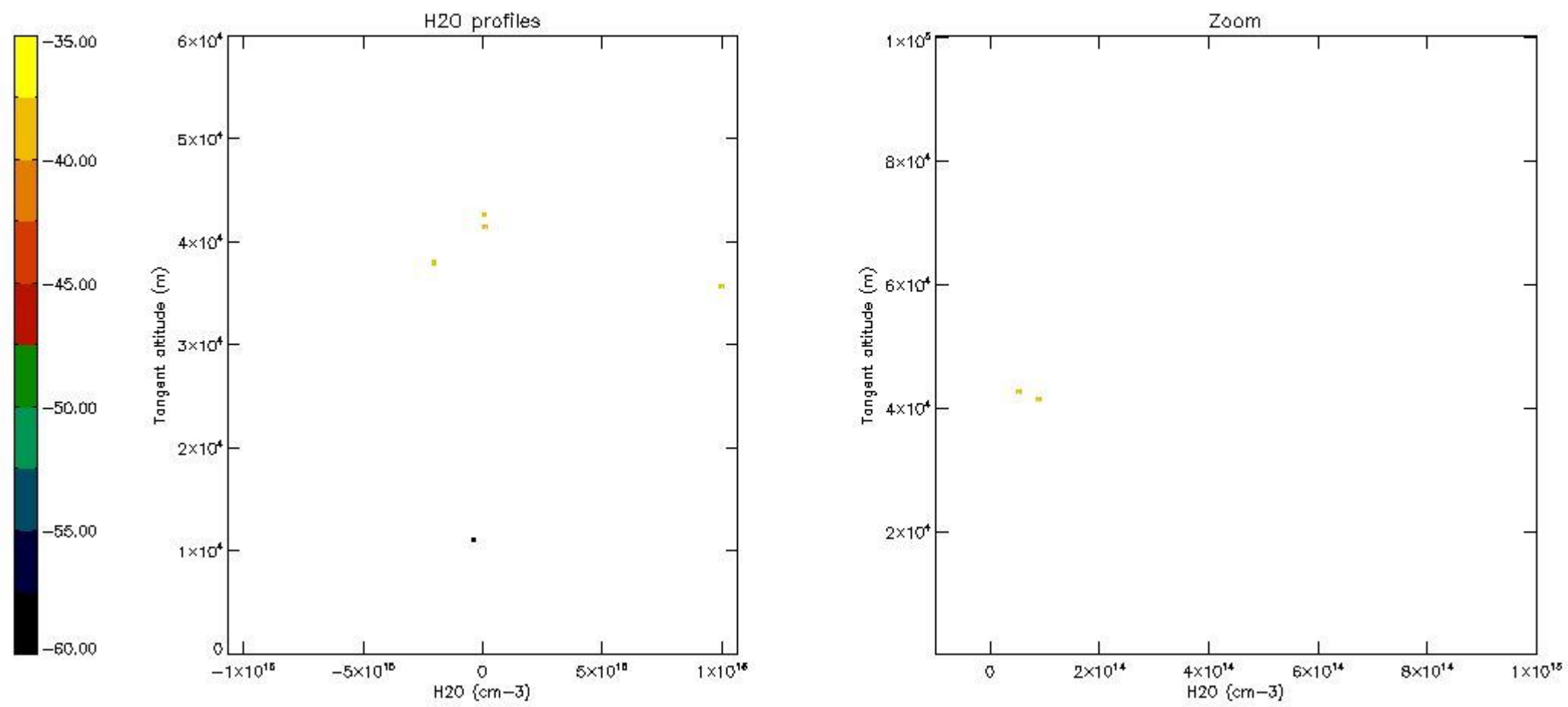
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

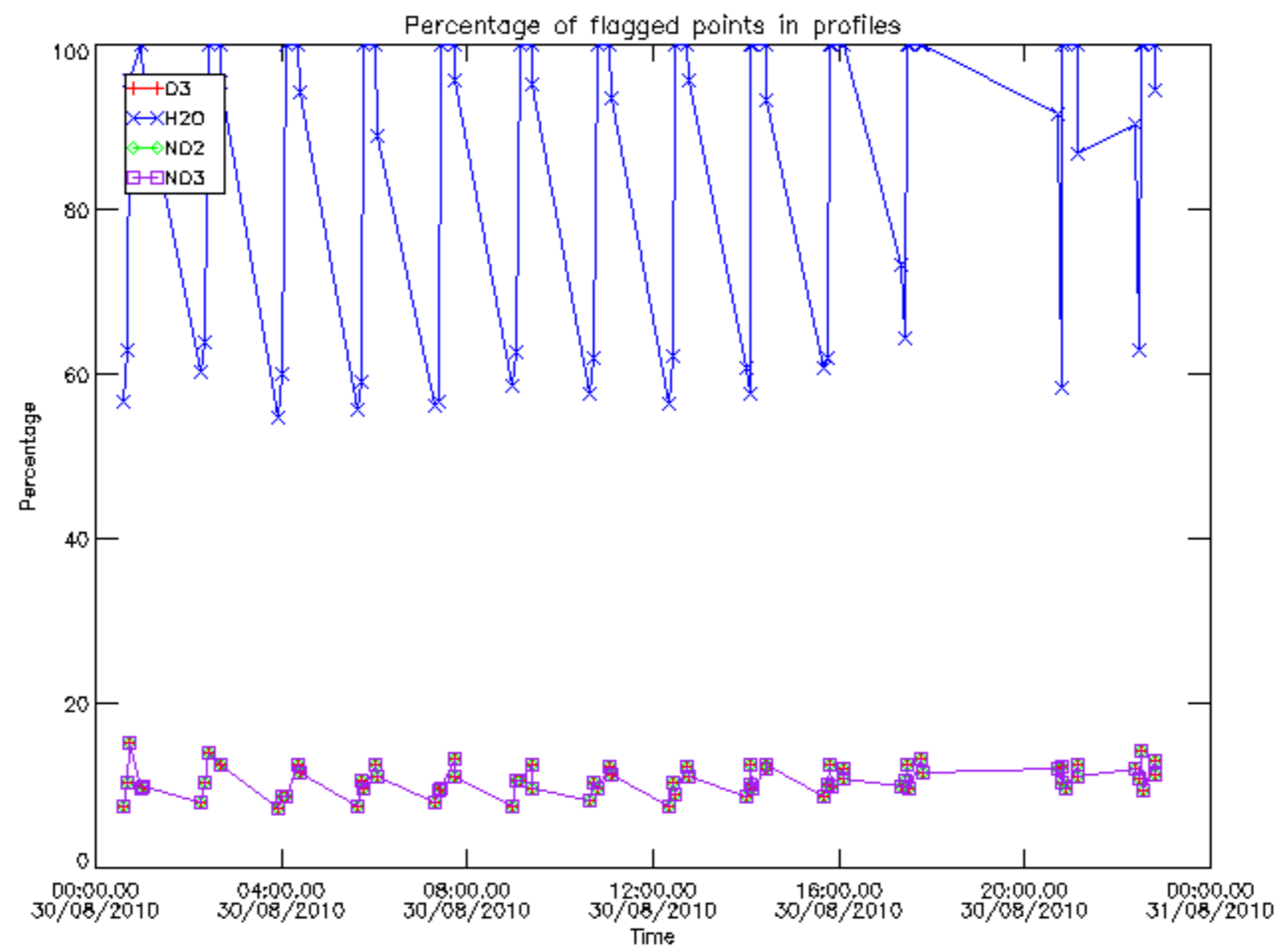
The colorbar represents the latitude.



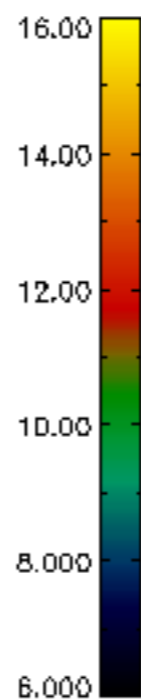
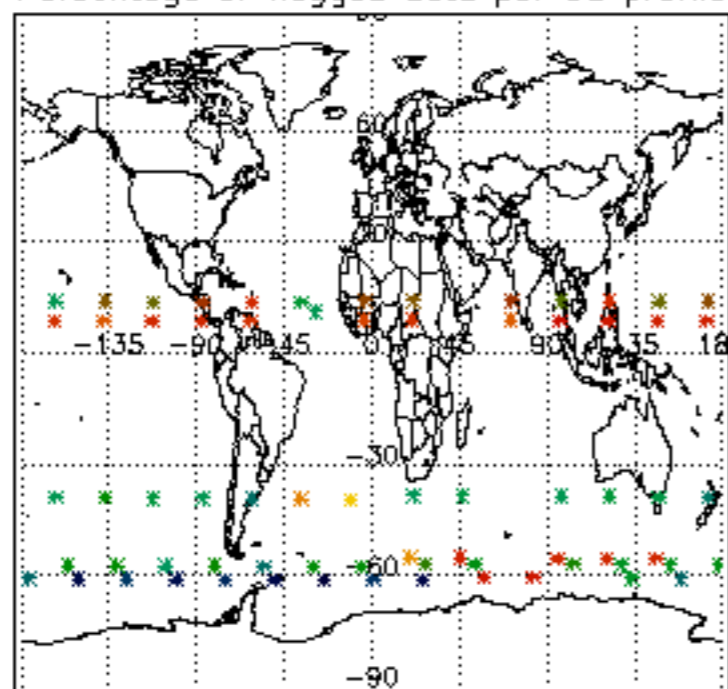
6. Auxiliary Data Files used for the production reported in section 2

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.

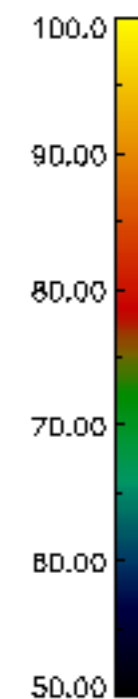
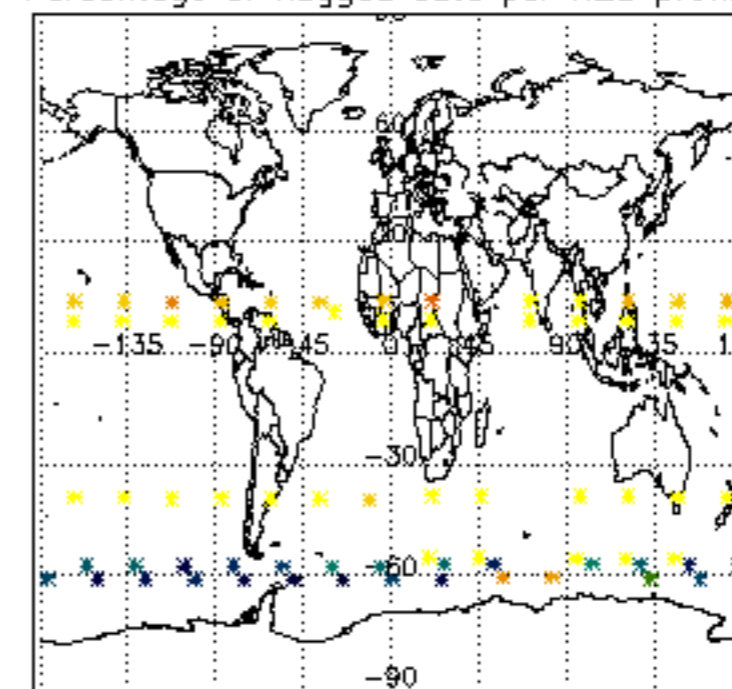
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	30-AUG-2010 00:00:53
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	30-AUG-2010 00:00:53
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	30-AUG-2010 00:00:53



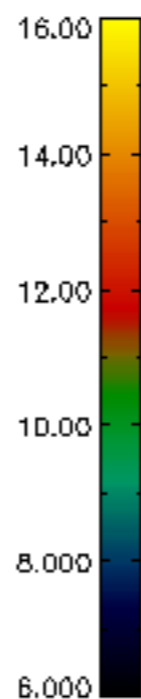
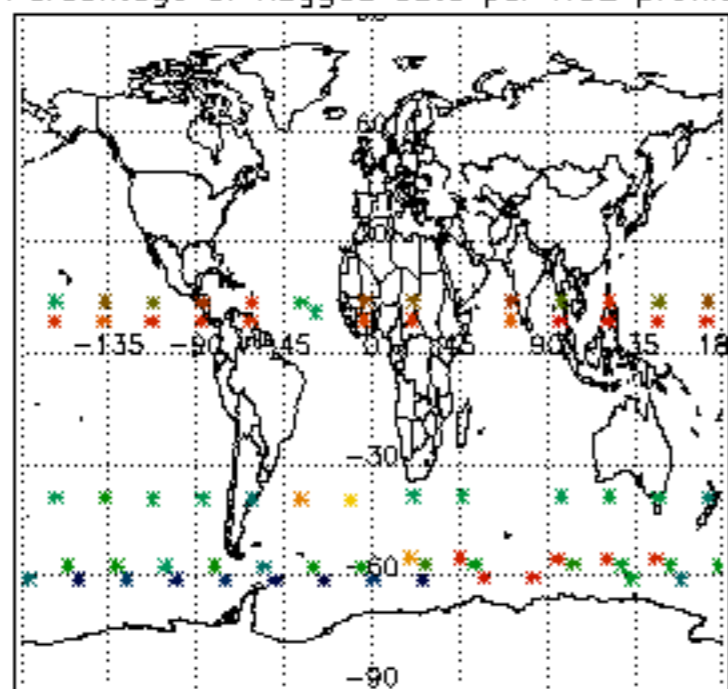
Percentage of flagged data per D3 profile



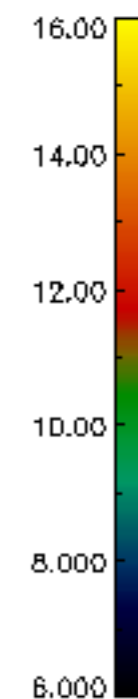
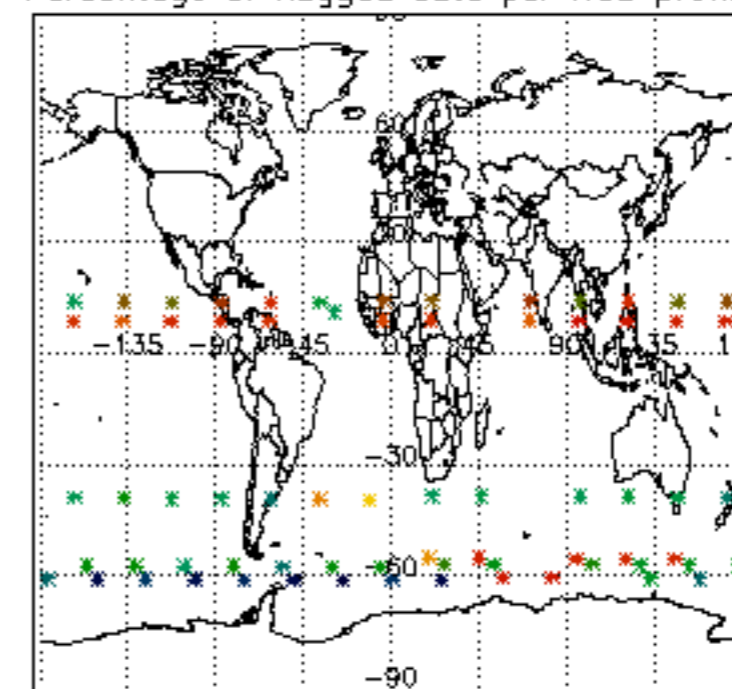
Percentage of flagged data per H2O profile

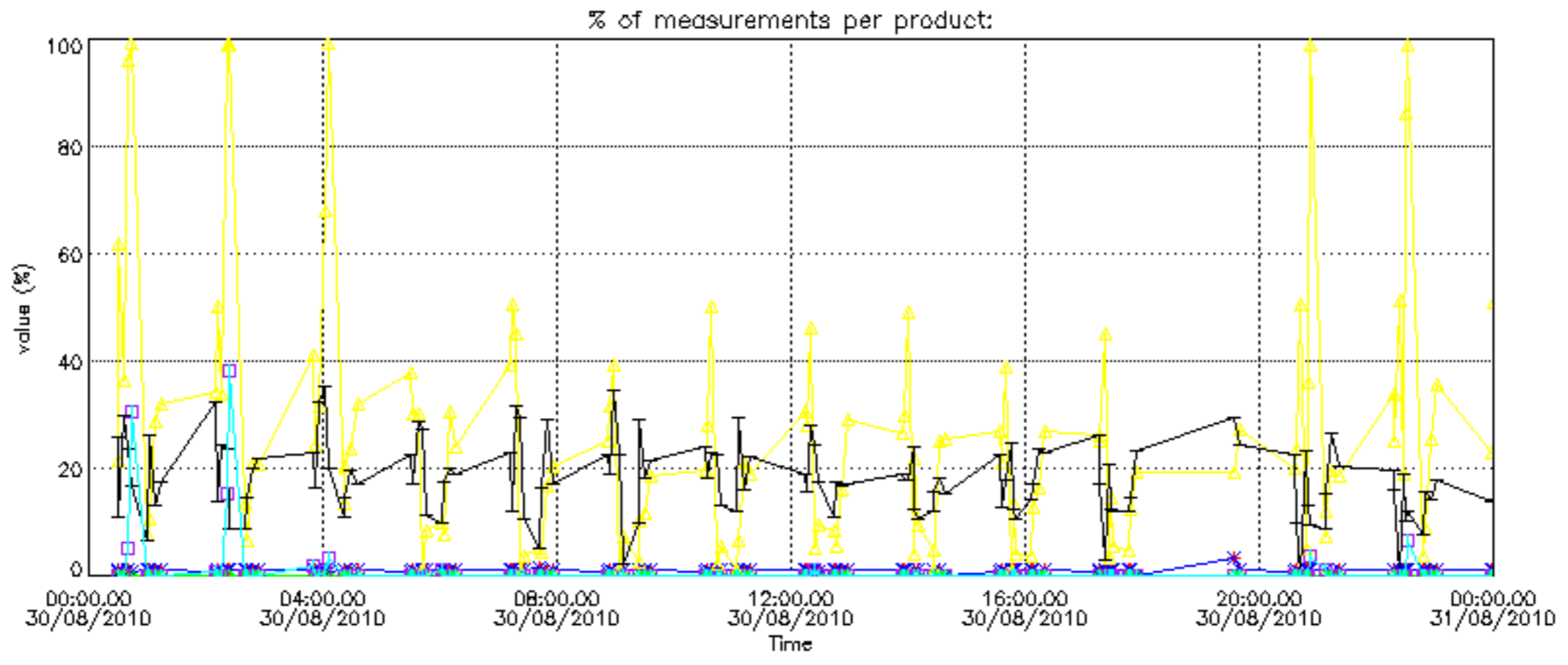


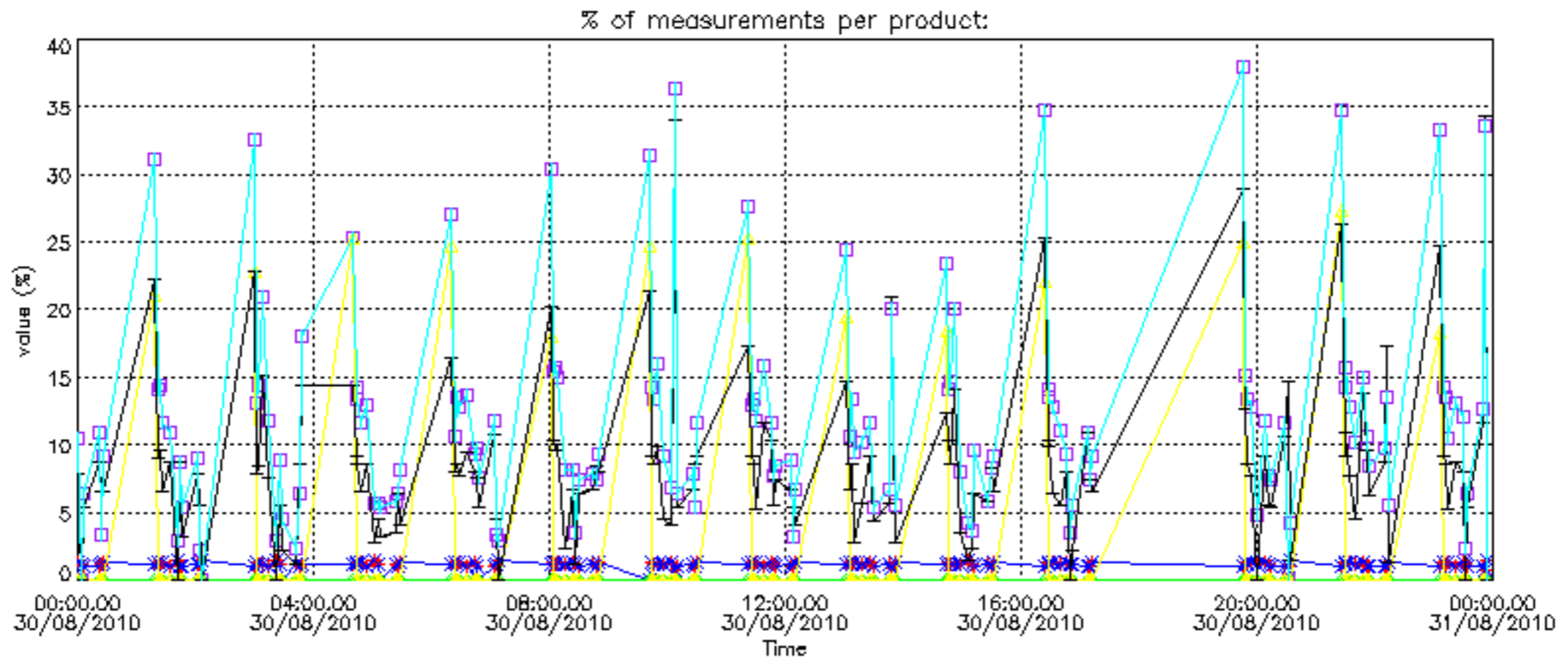
Percentage of flagged data per NO2 profile



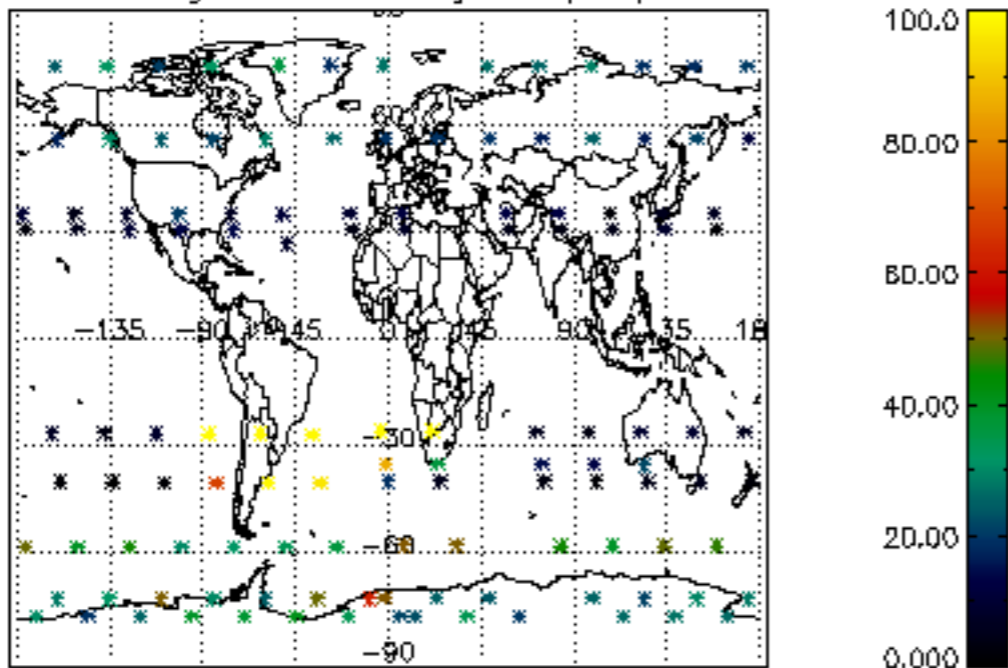
Percentage of flagged data per NO3 profile



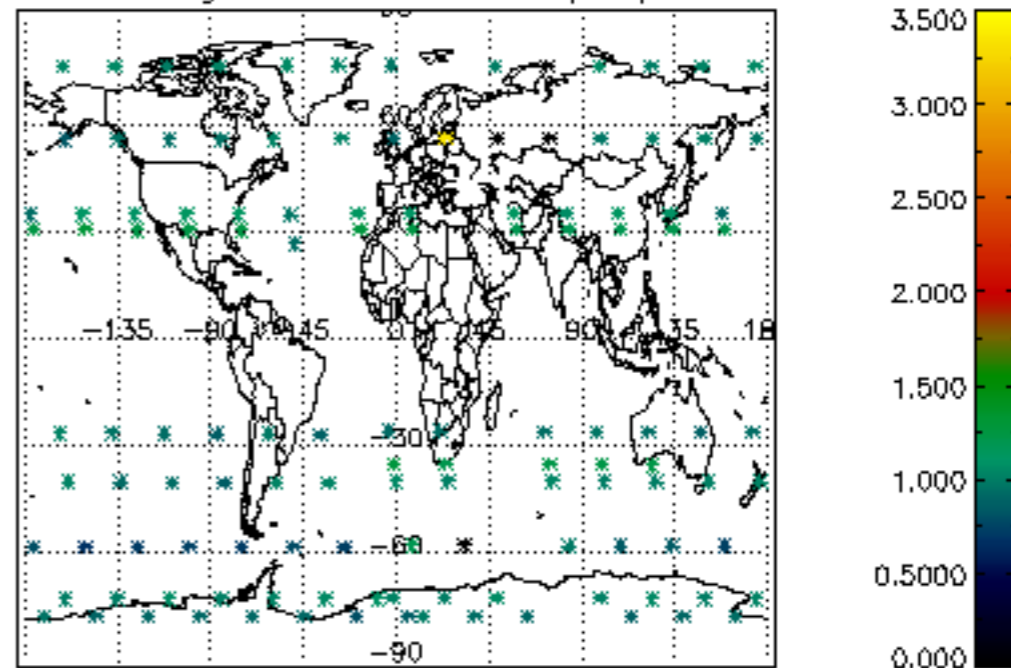




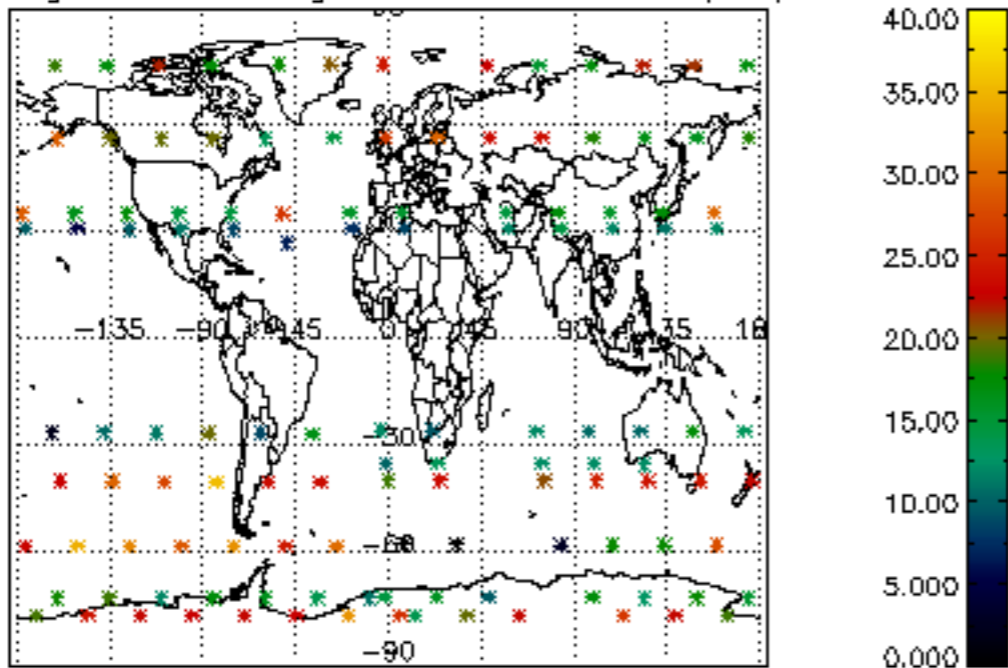
Percentage of cosmic ray hits per profile



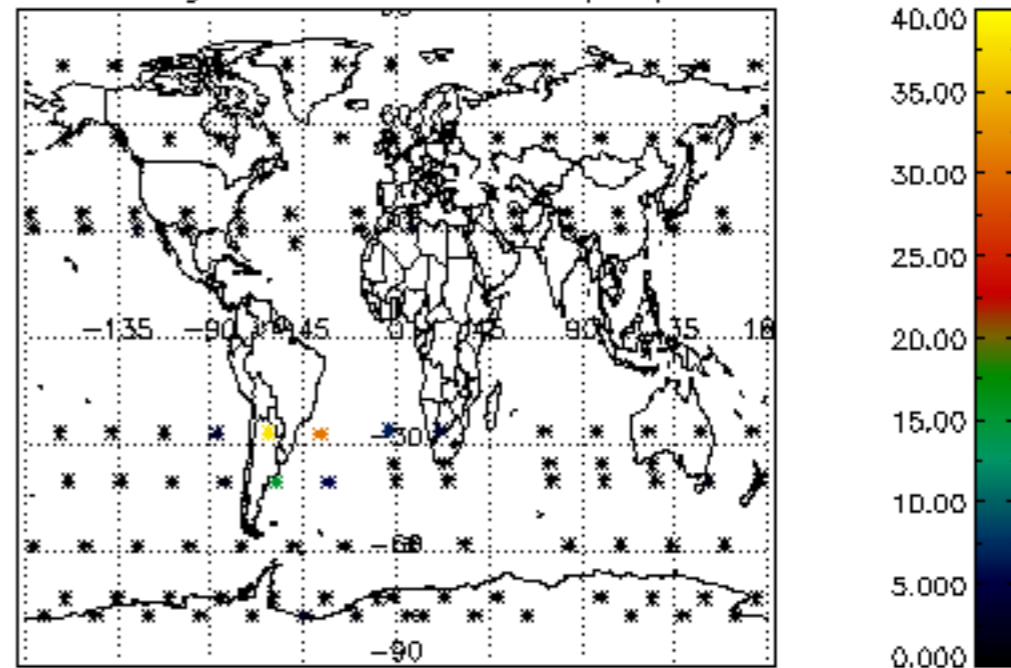
Percentage of datation errors per profile



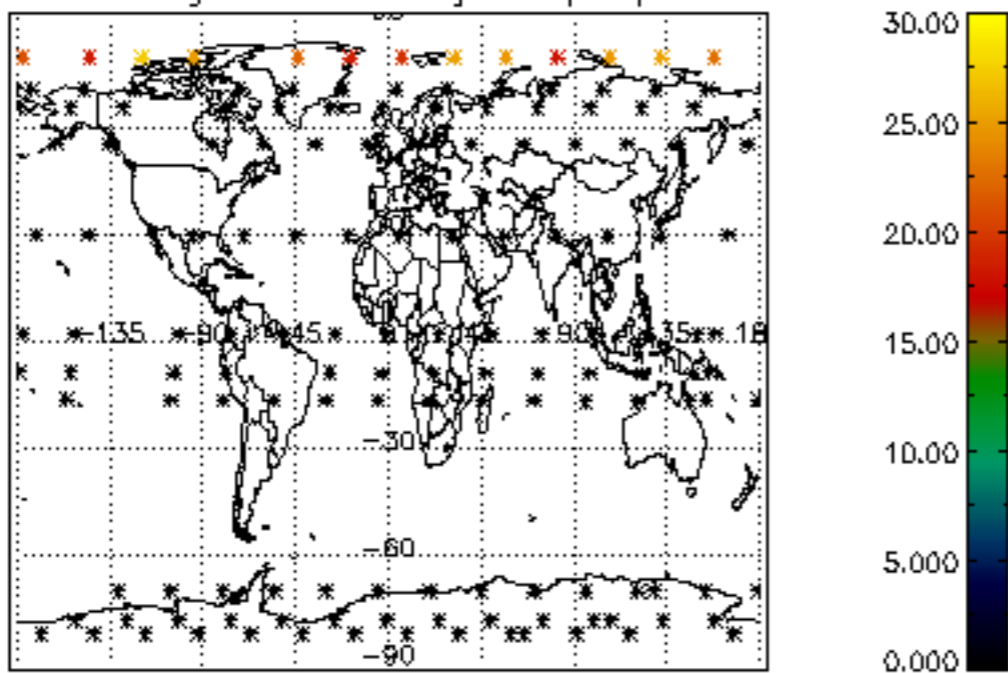
Percentage of star falling outside central band per profile



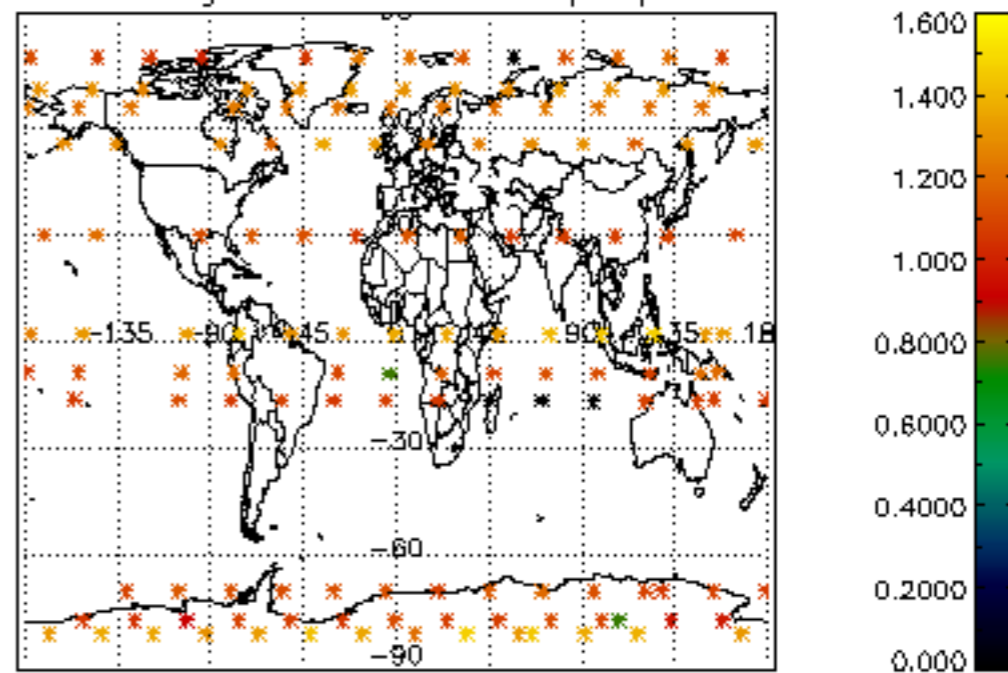
Percentage of saturation errors per profile



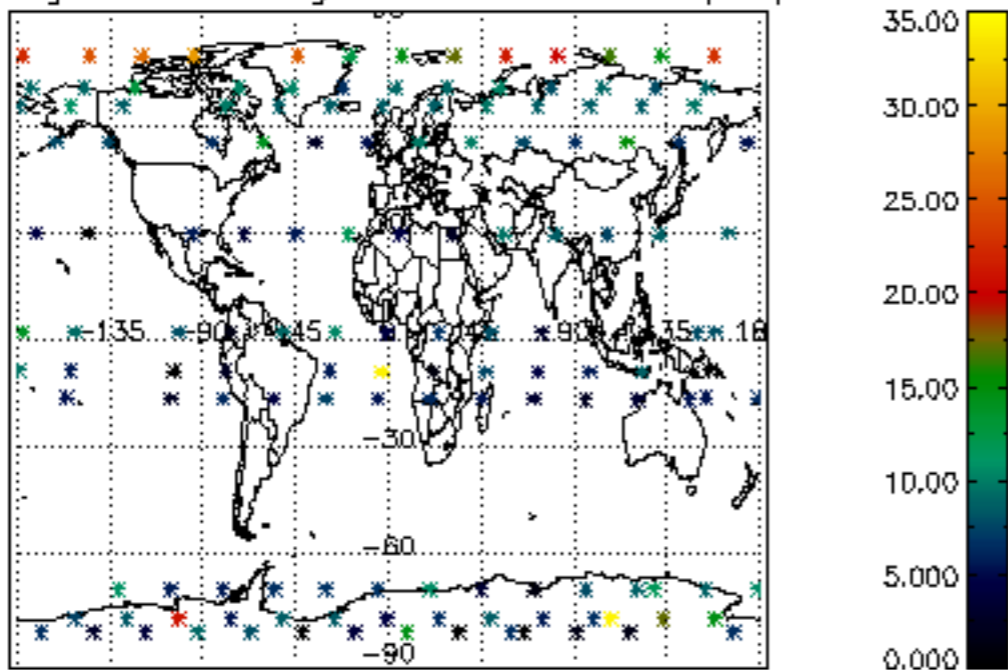
Percentage of cosmic ray hits per profile



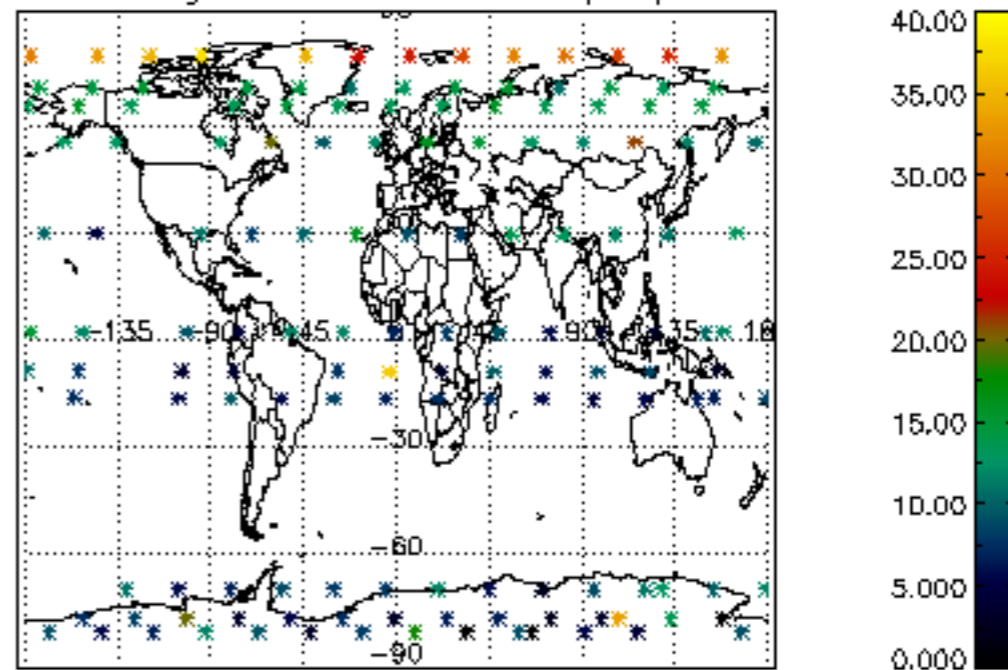
Percentage of datation errors per profile

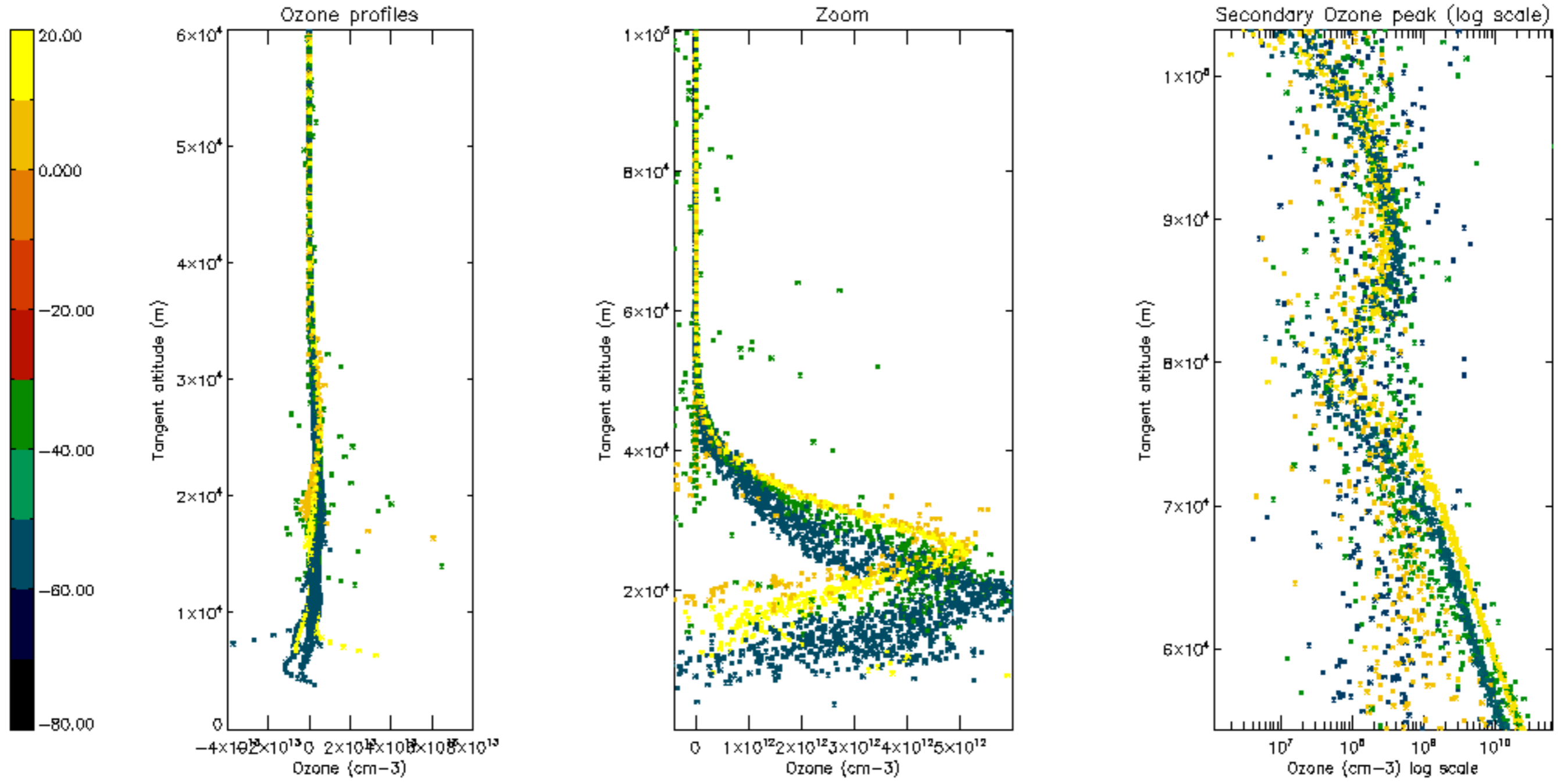


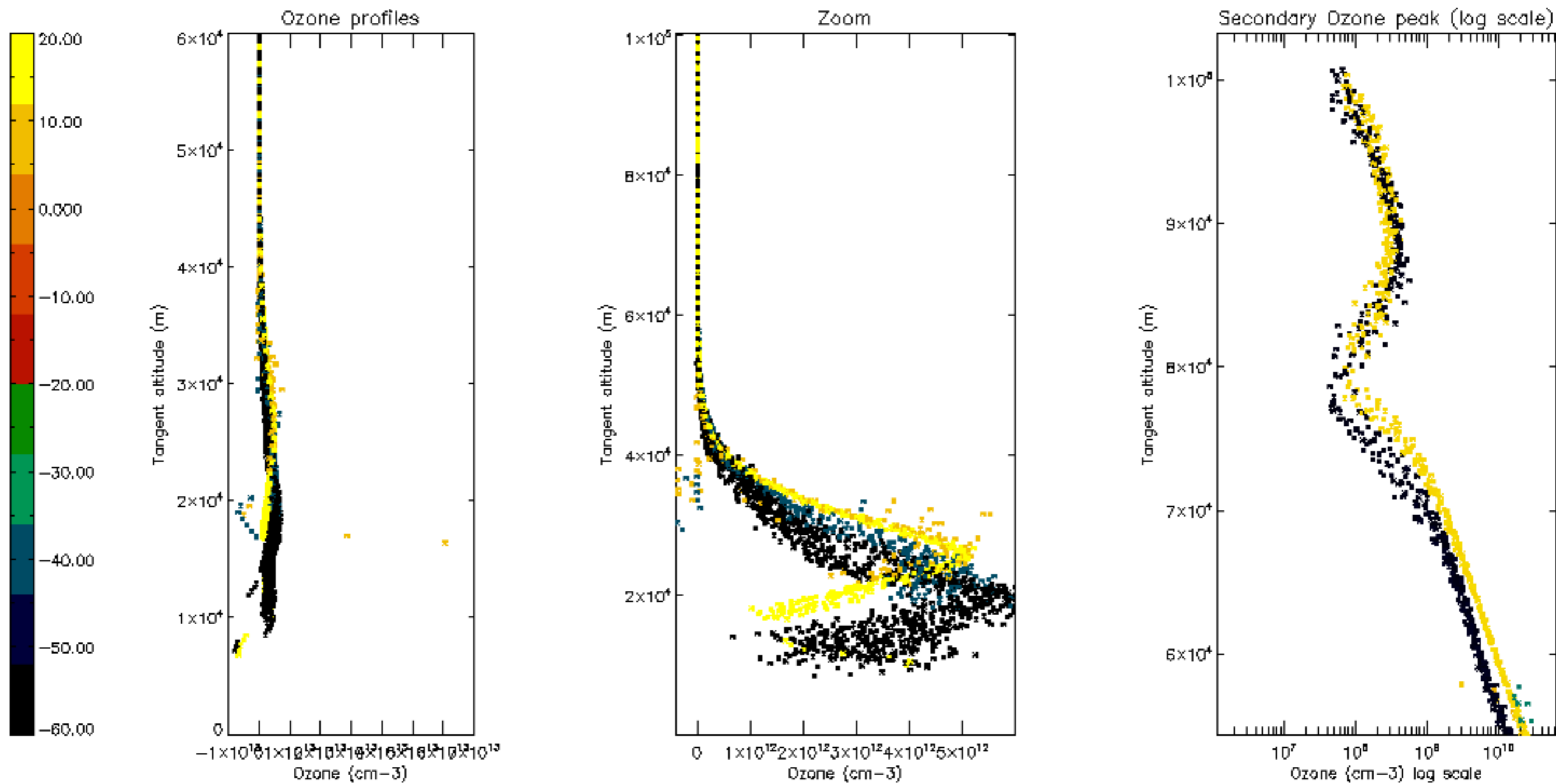
Percentage of star falling outside central band per profile

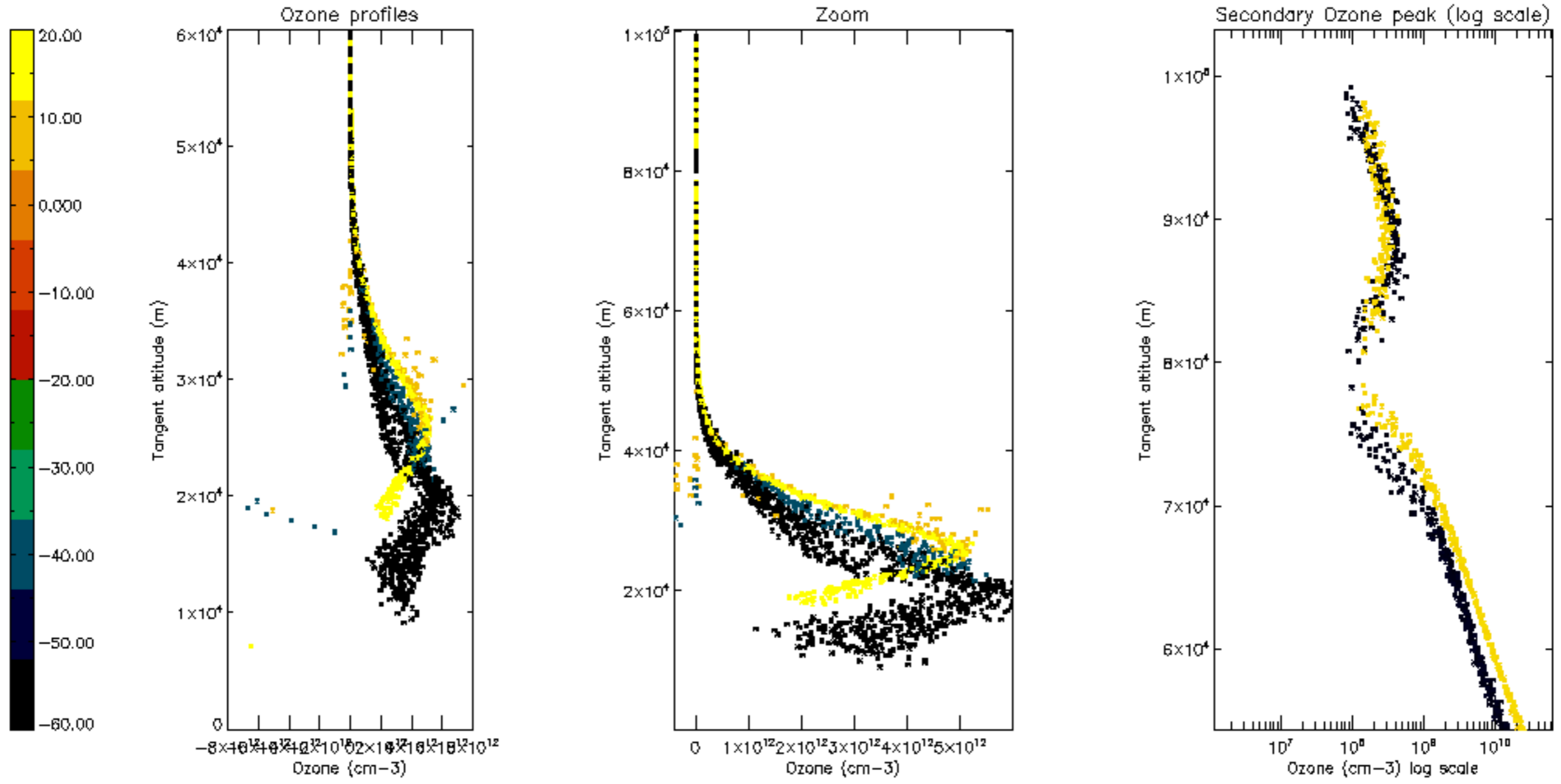


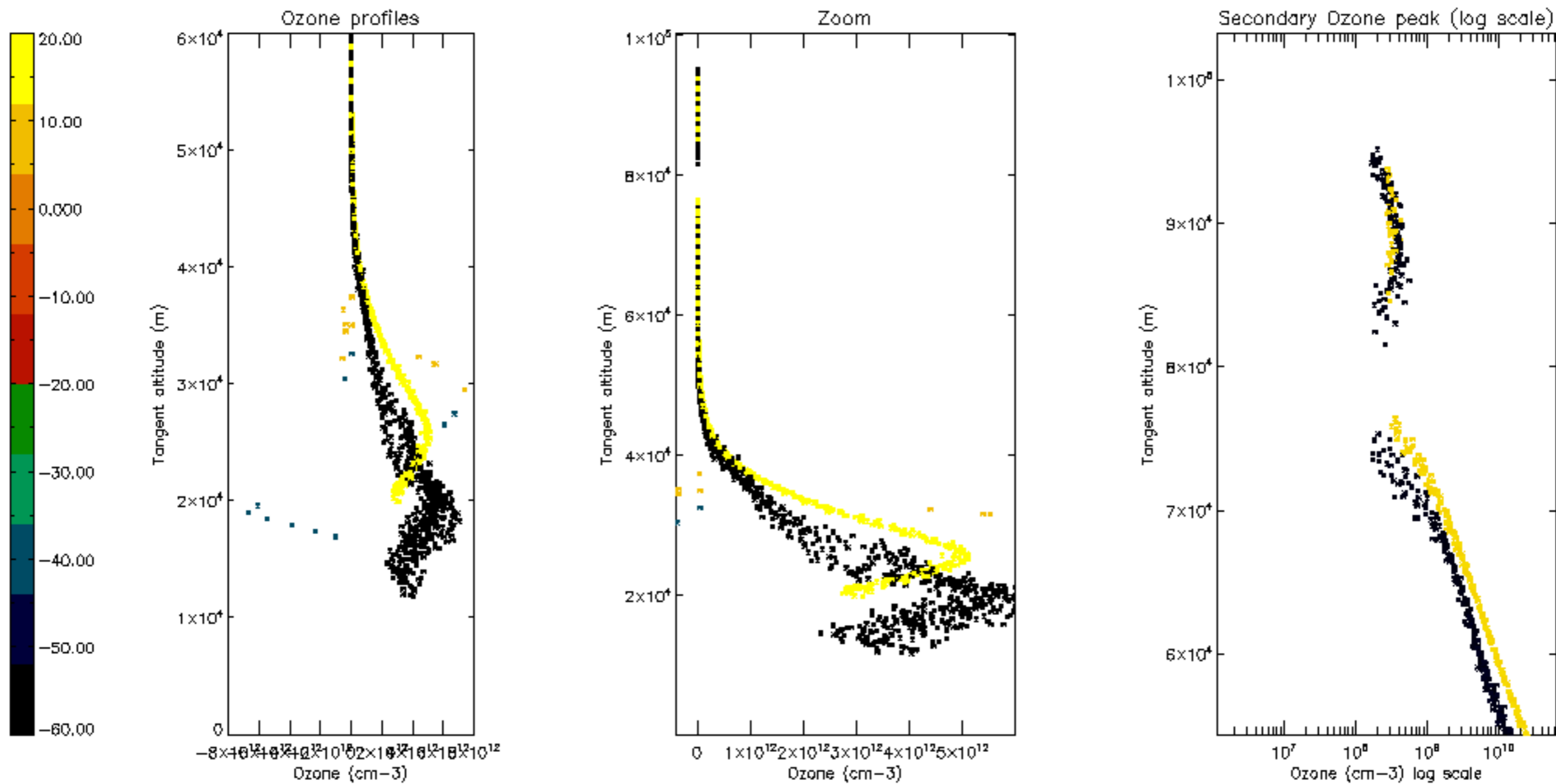
Percentage of saturation errors per profile

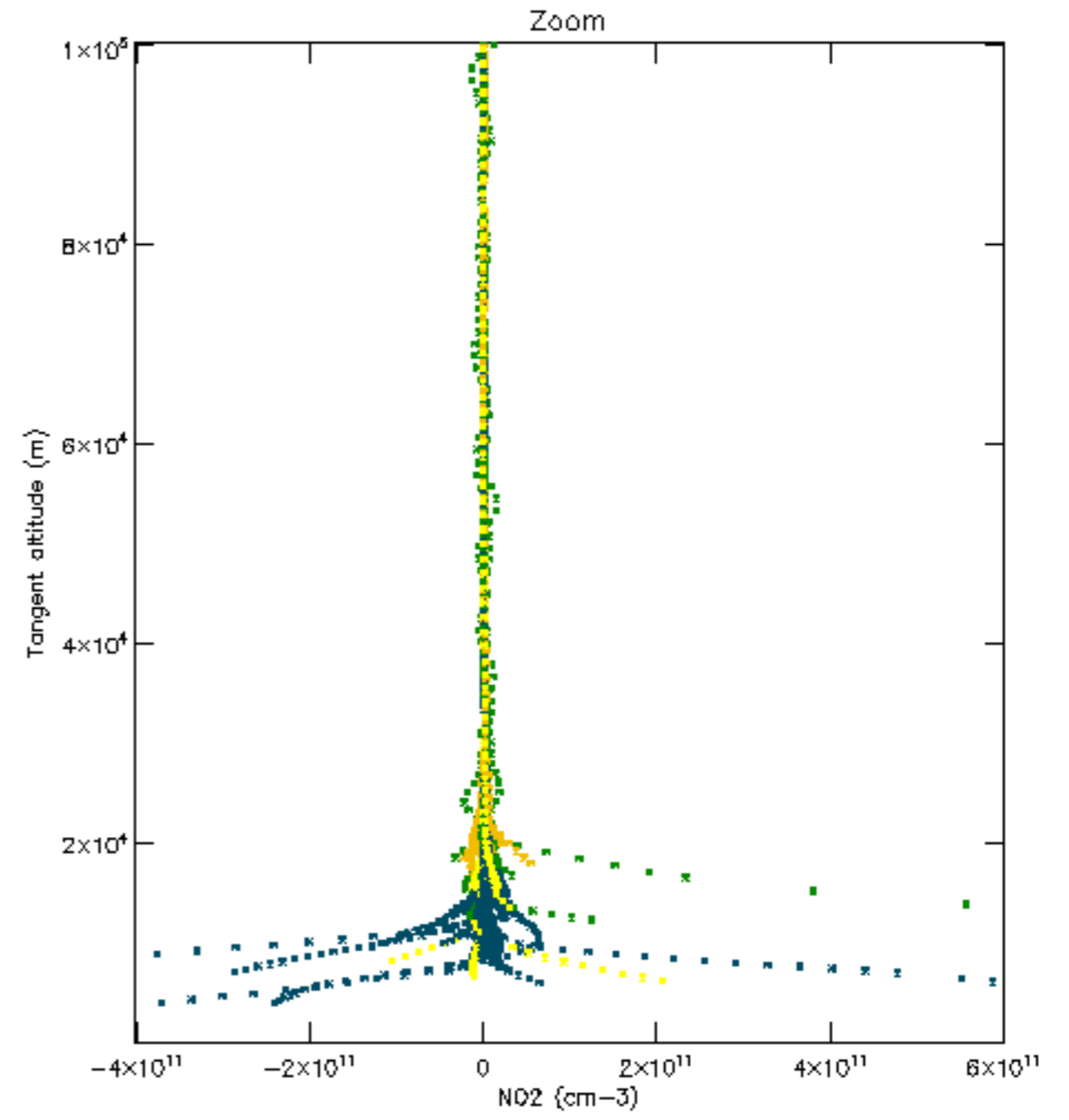
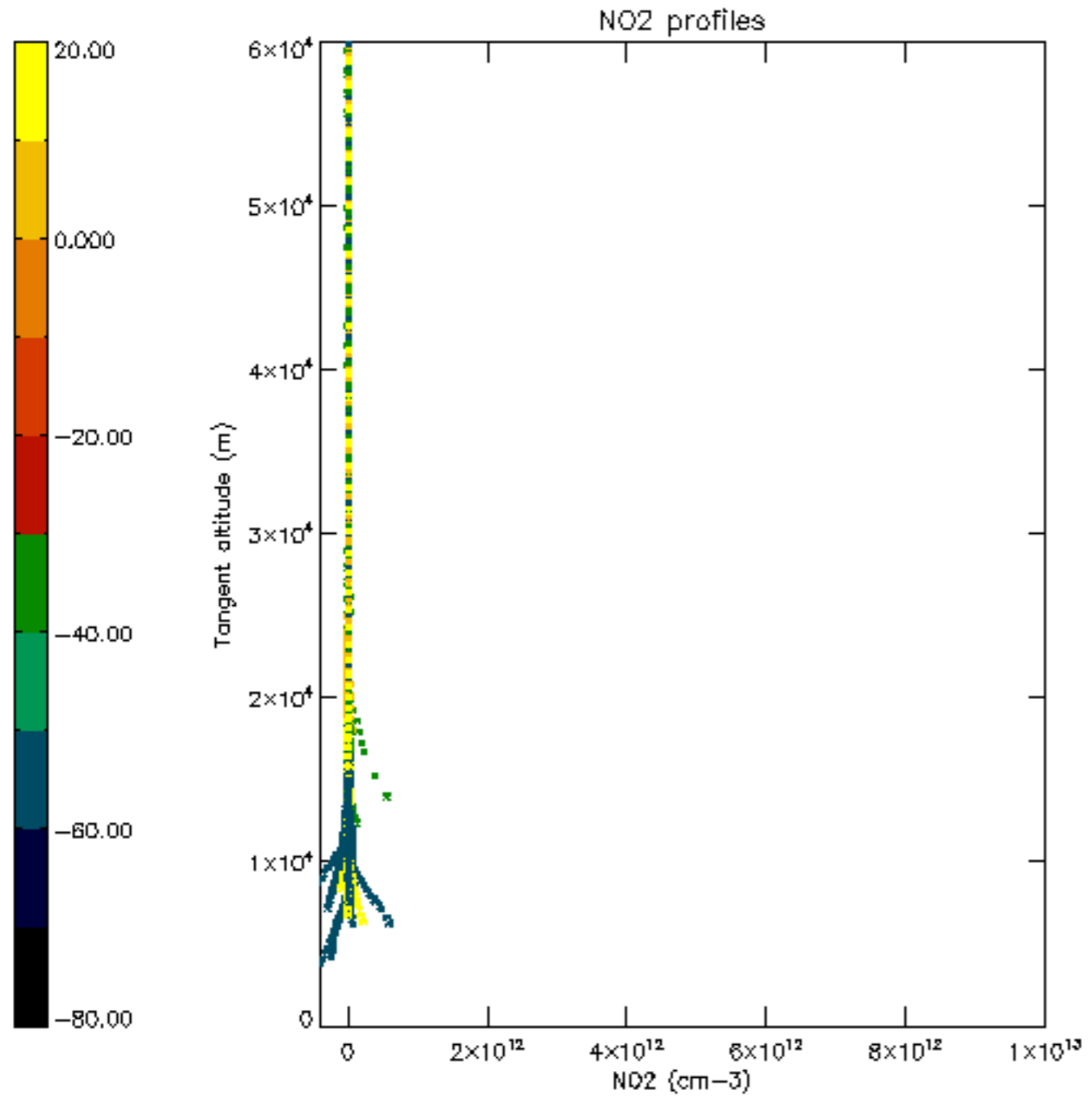


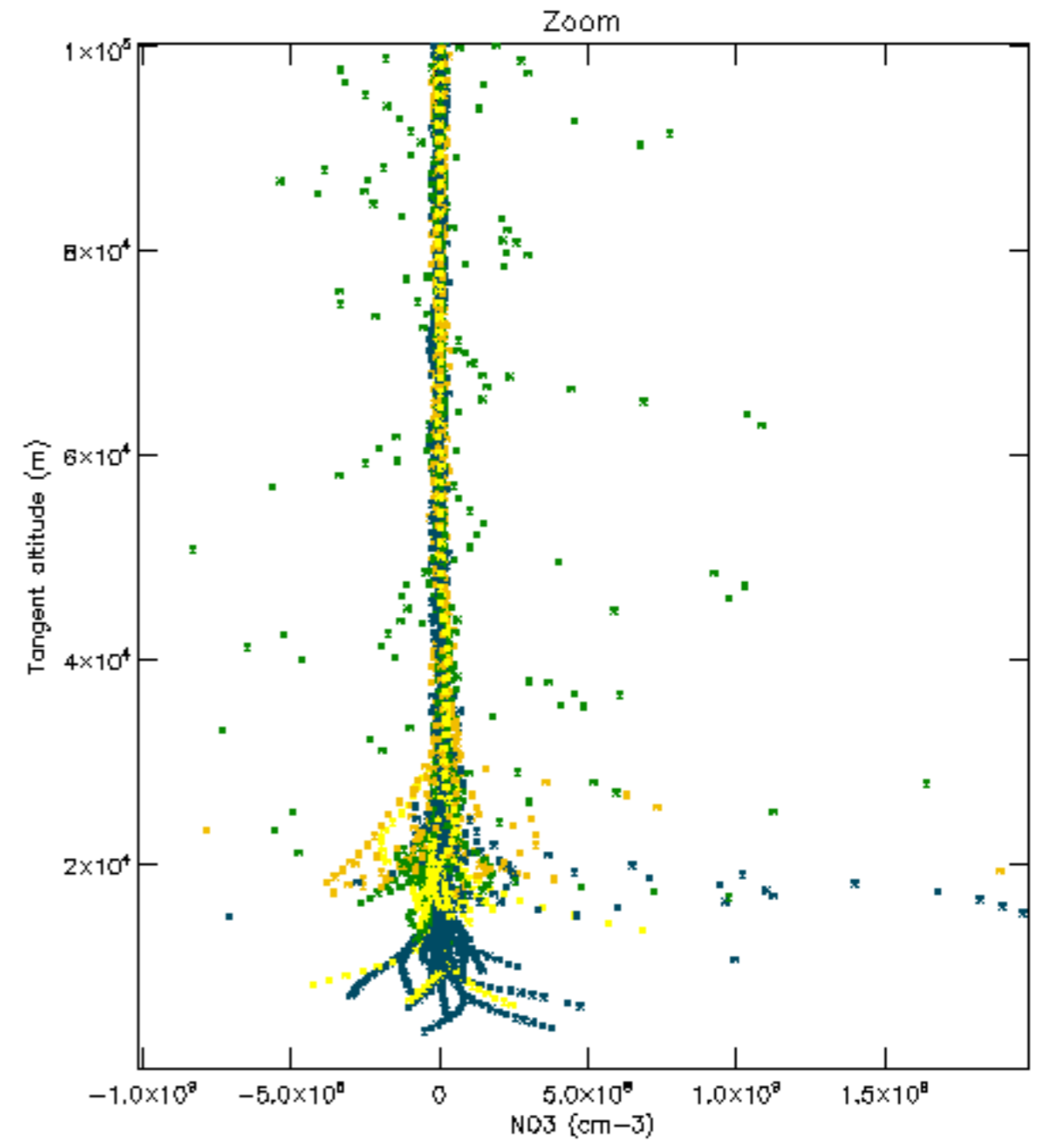
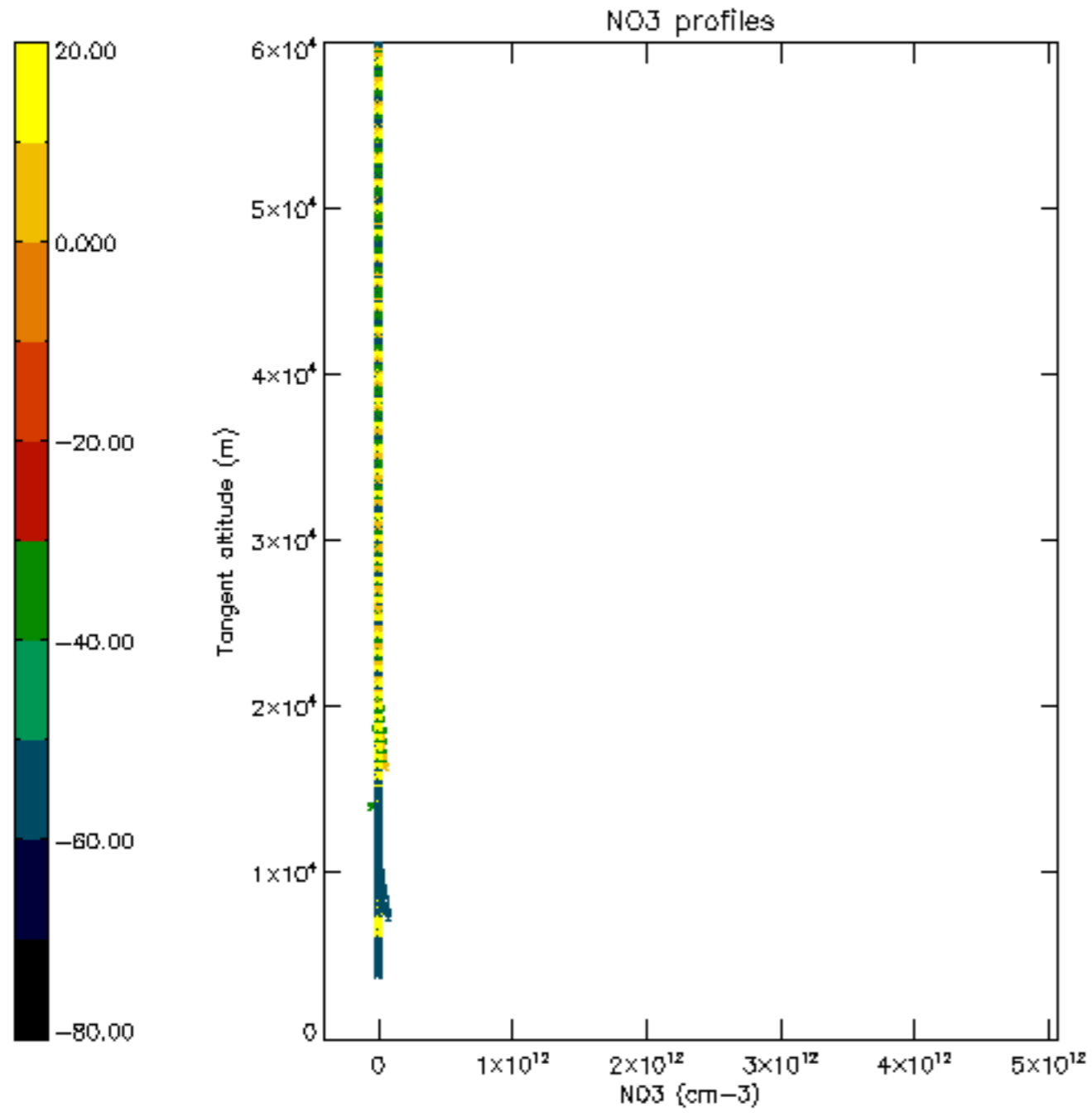


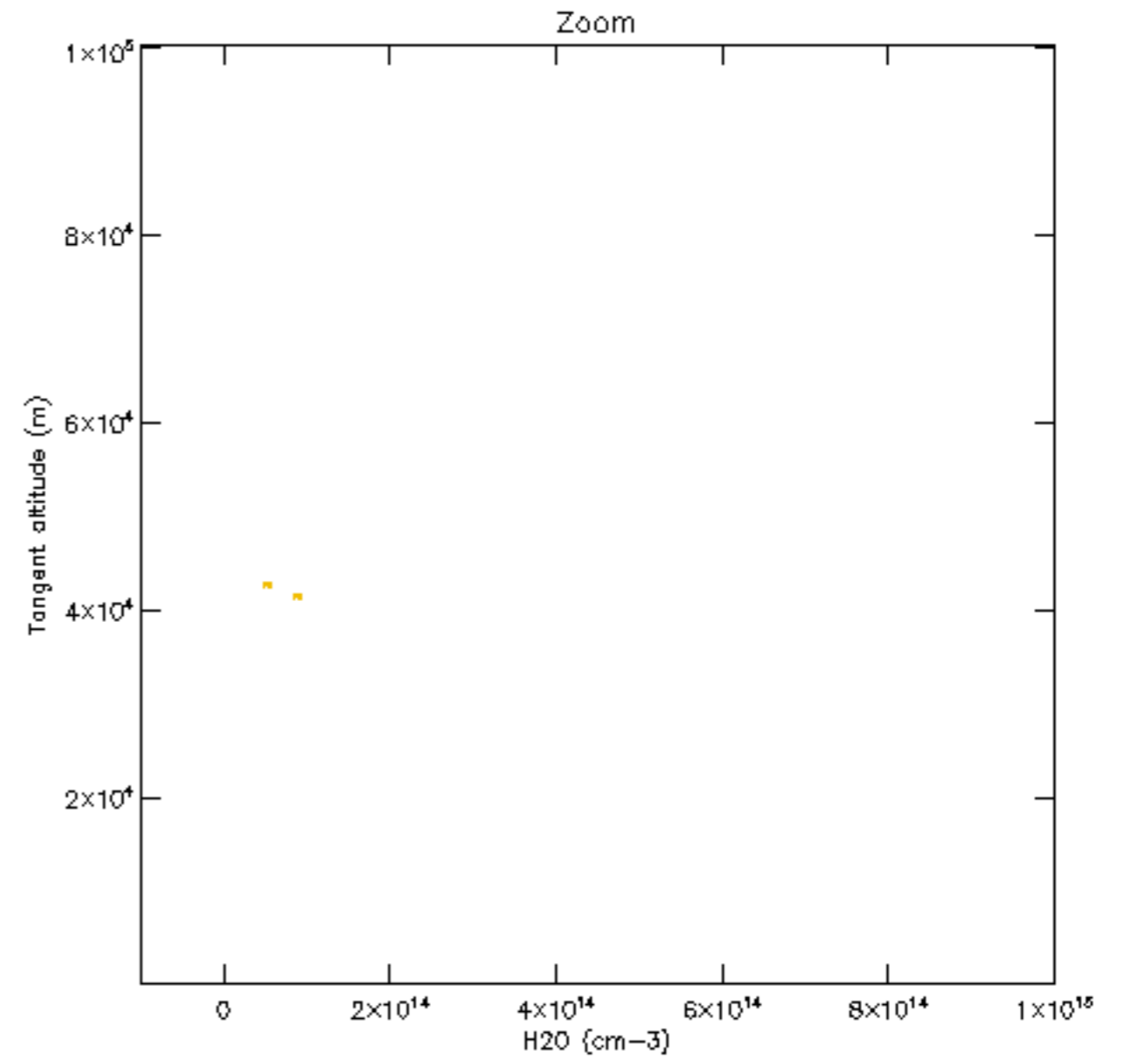
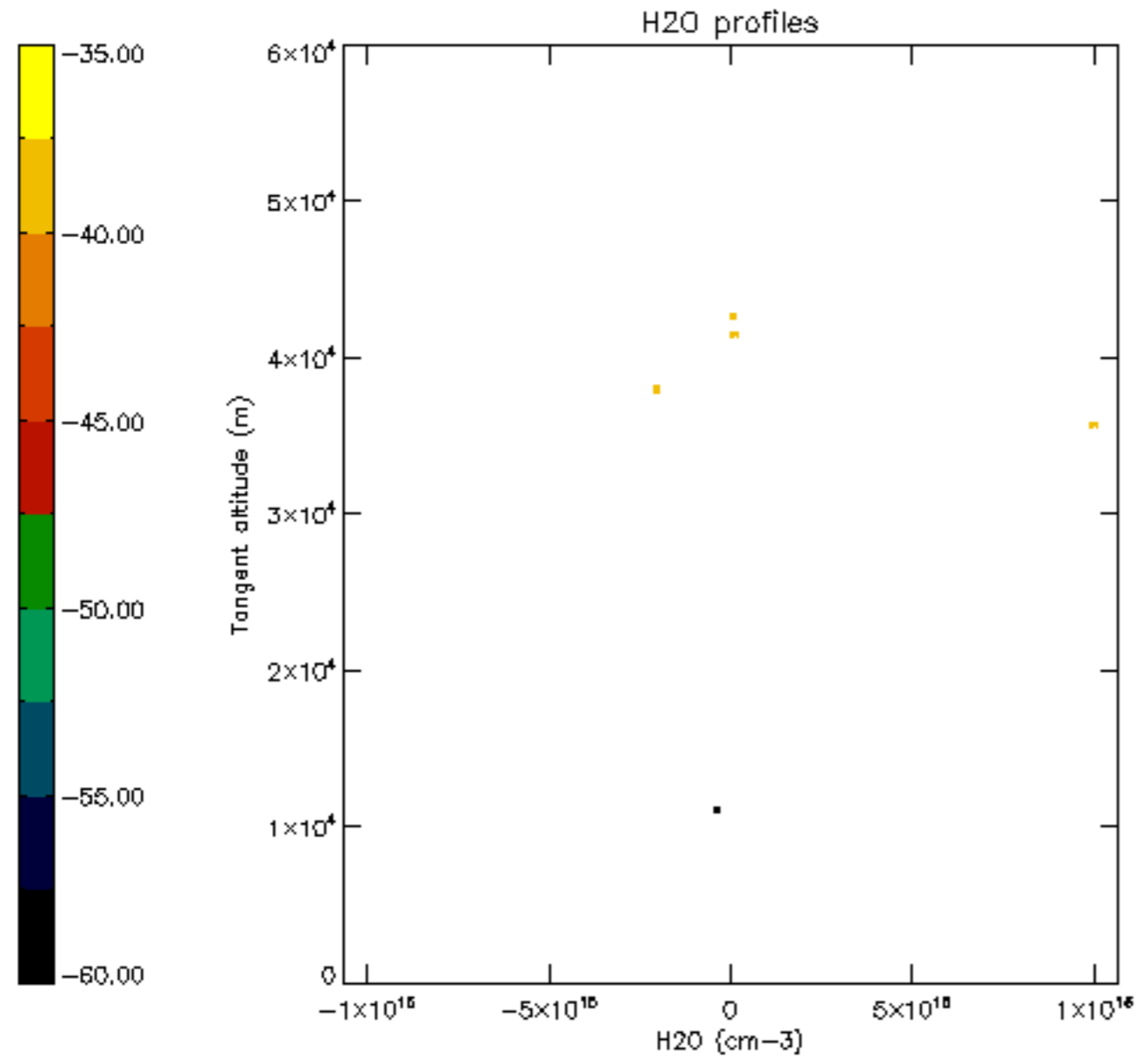


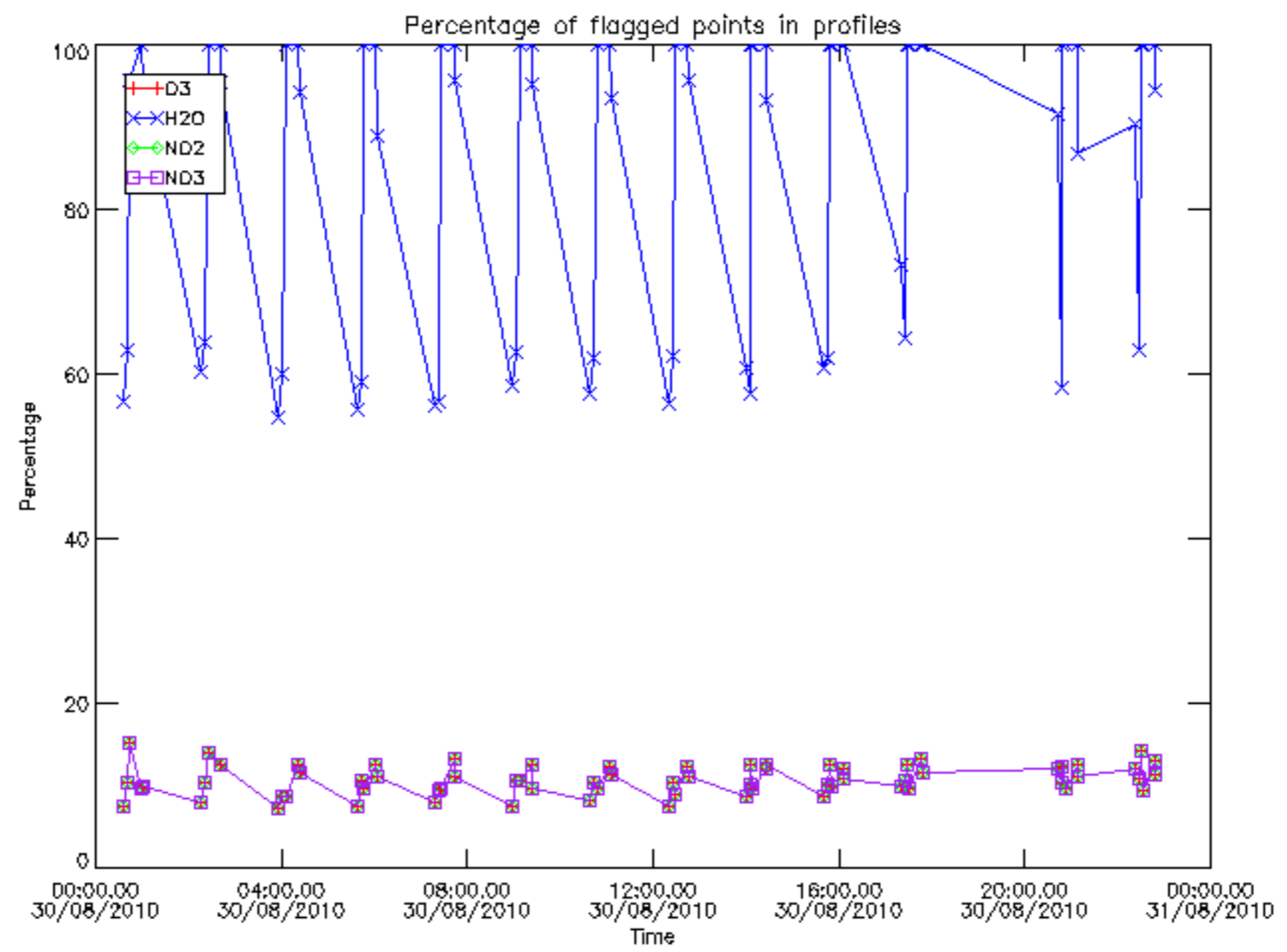




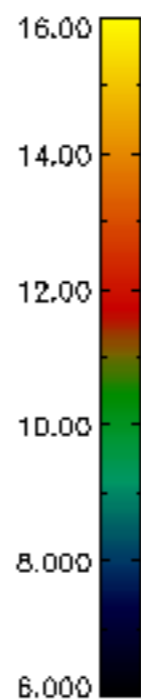
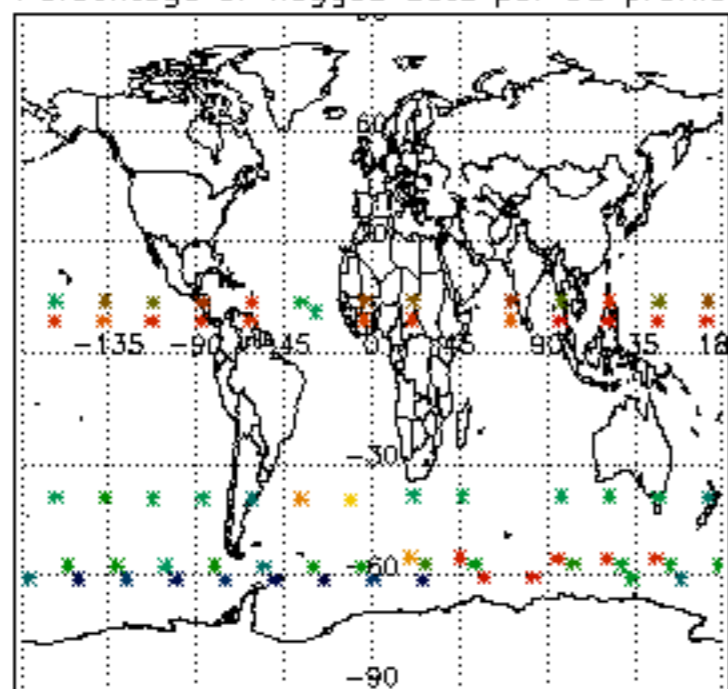




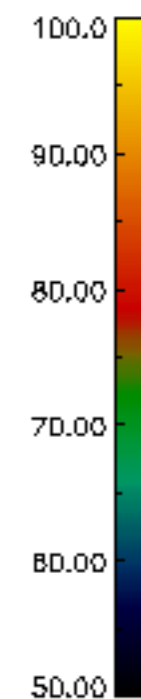
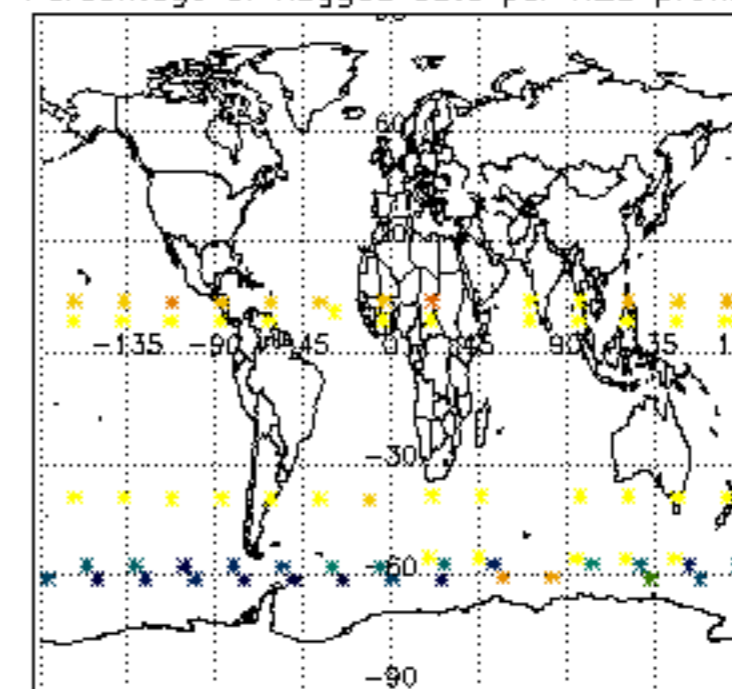




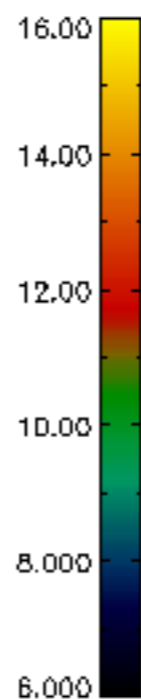
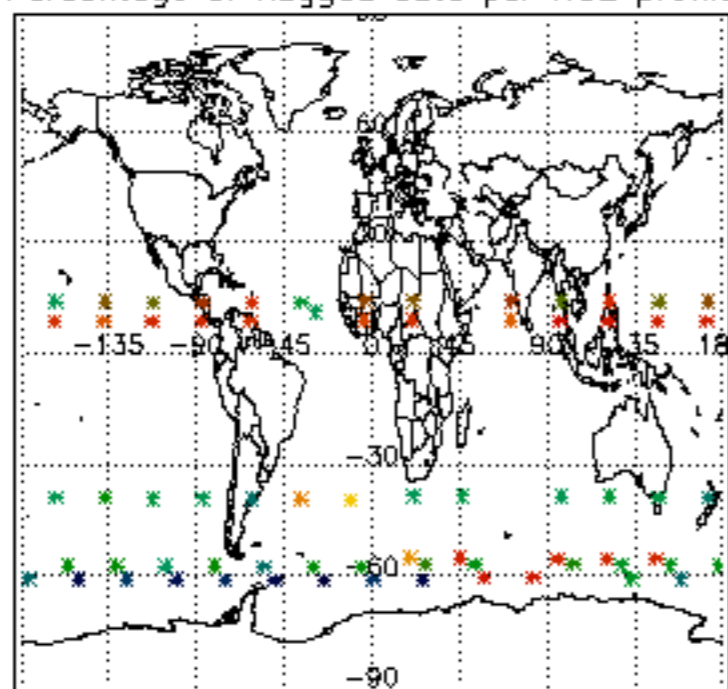
Percentage of flagged data per D3 profile



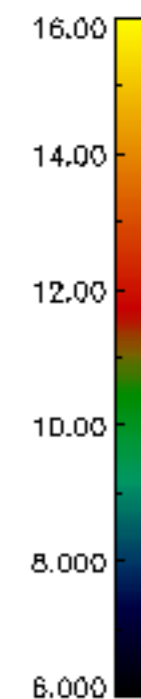
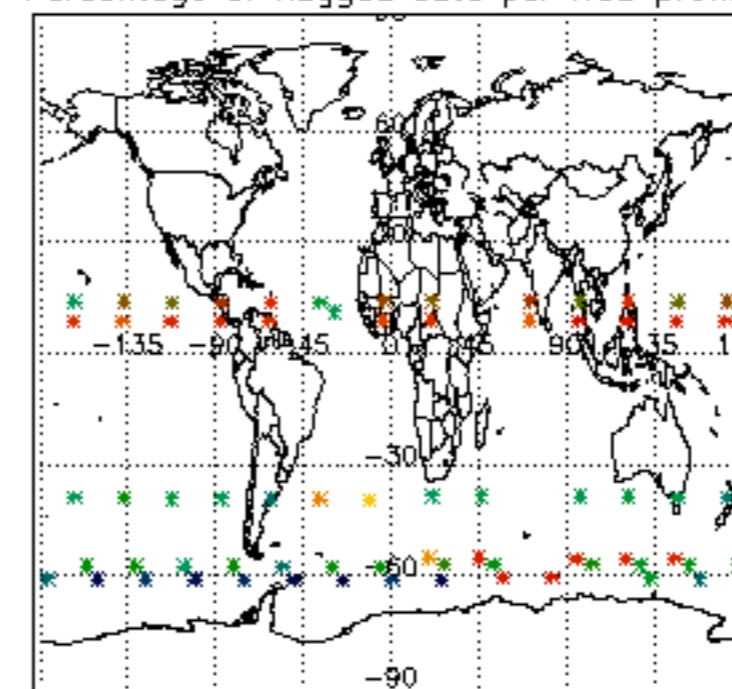
Percentage of flagged data per H2O profile

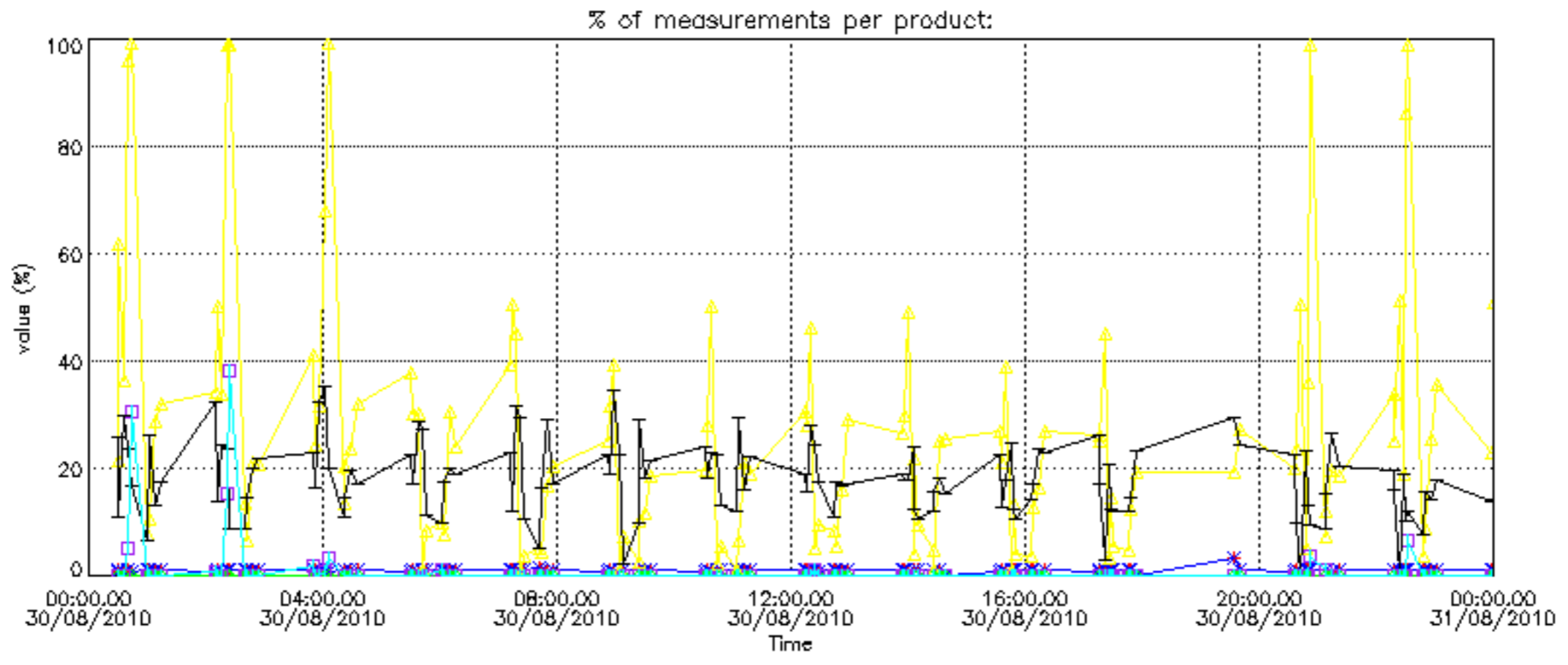


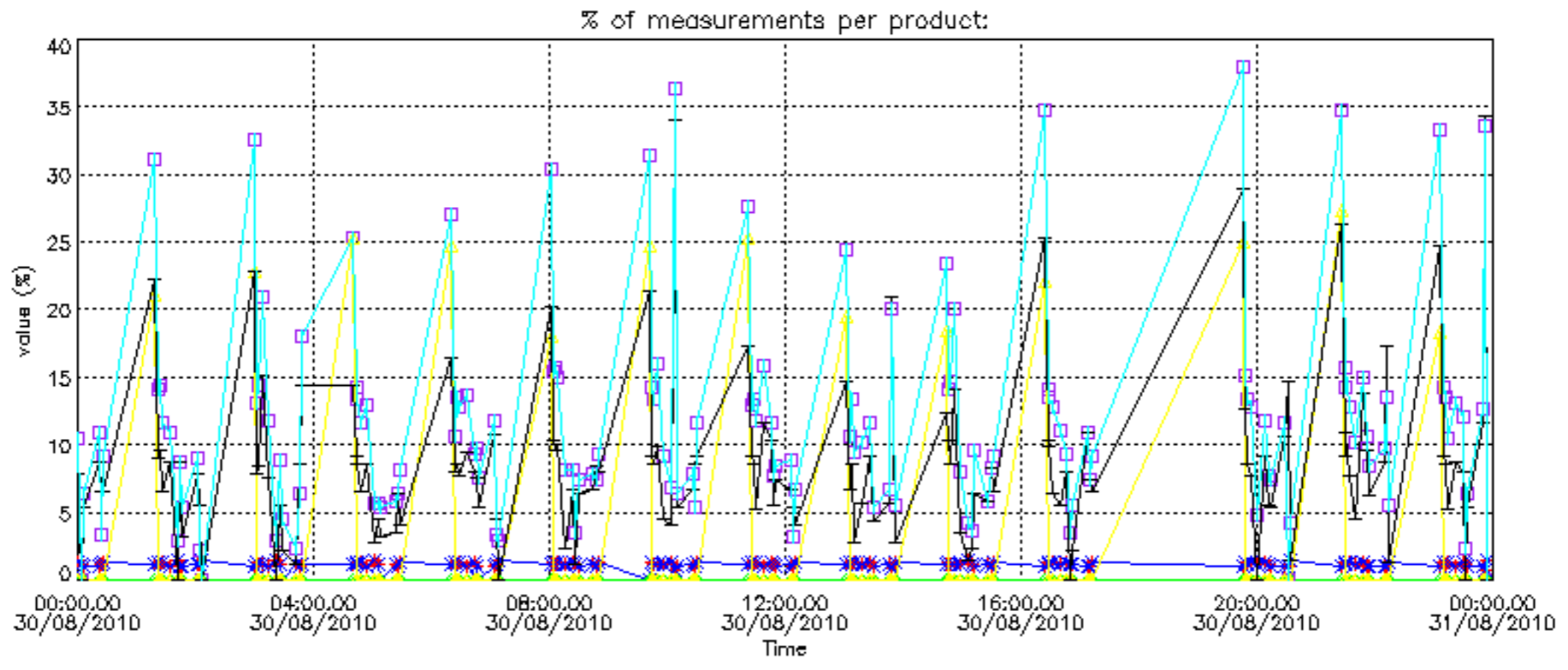
Percentage of flagged data per NO2 profile



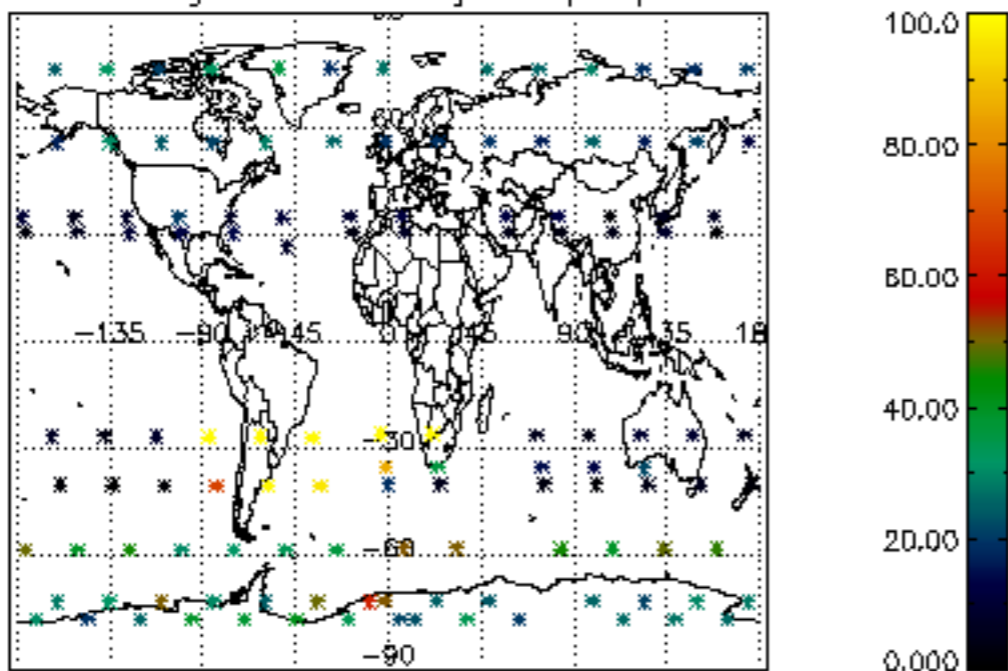
Percentage of flagged data per NO3 profile



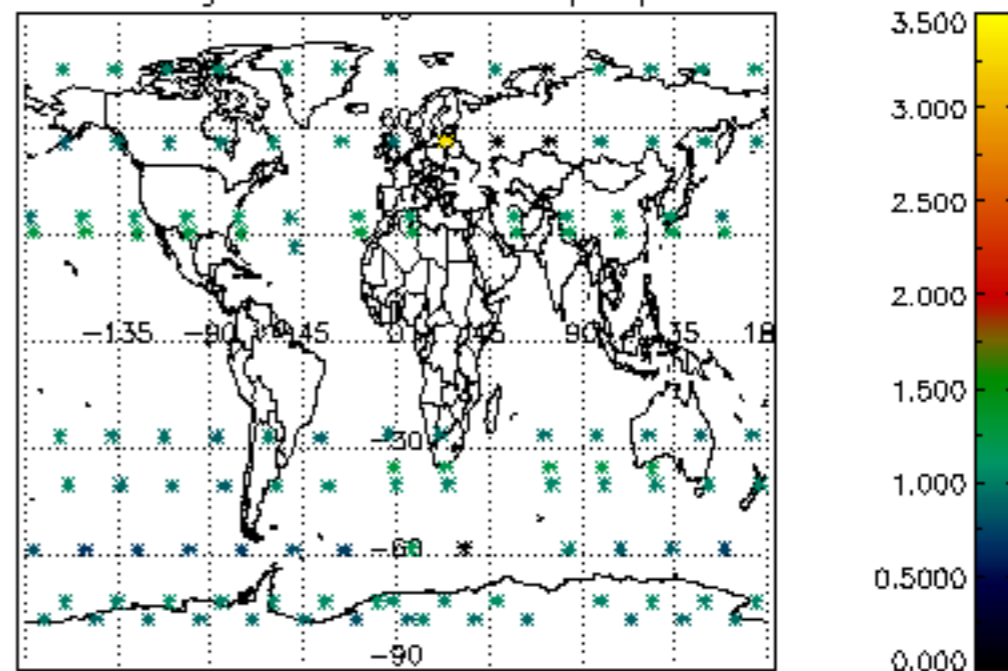




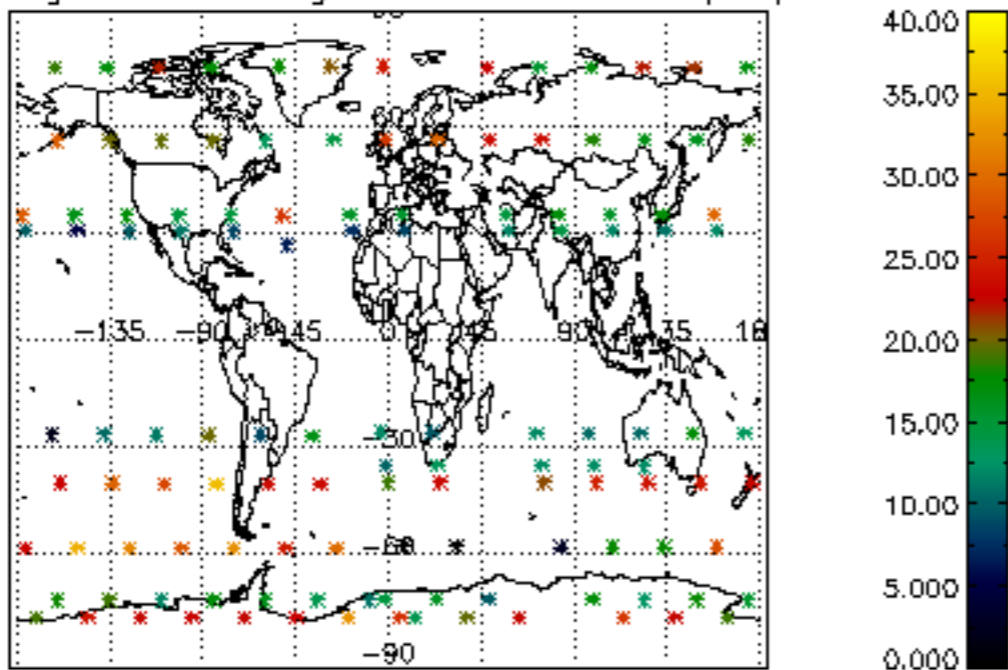
Percentage of cosmic ray hits per profile



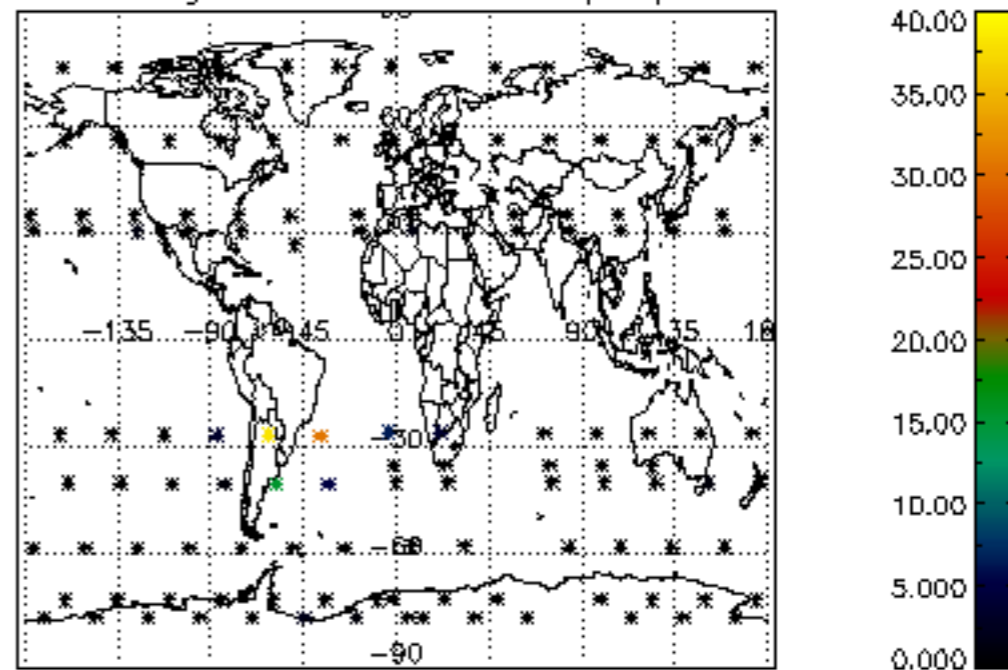
Percentage of datation errors per profile



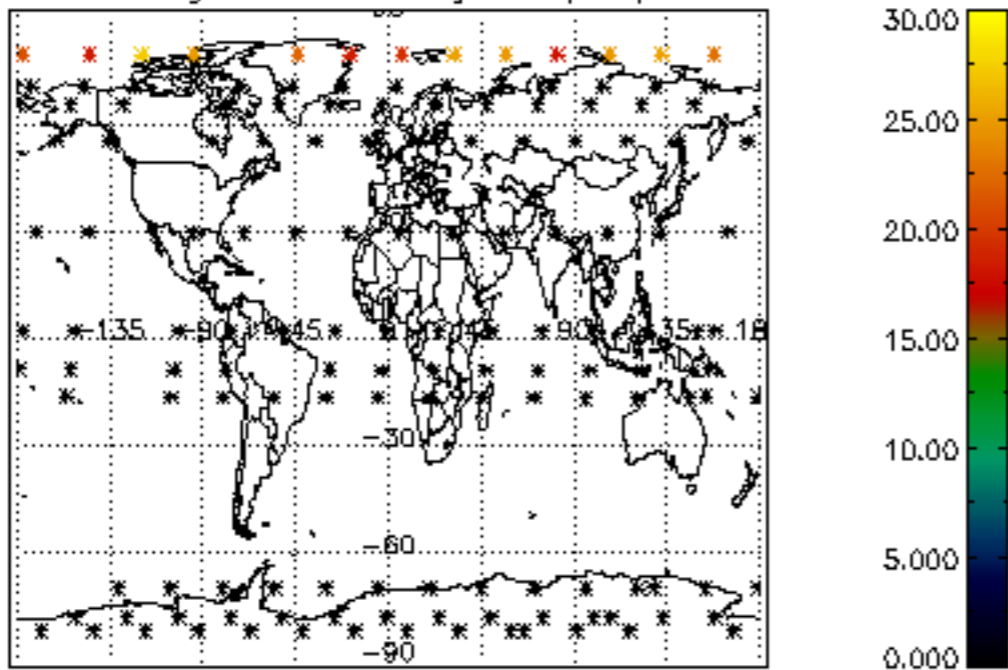
Percentage of star falling outside central band per profile



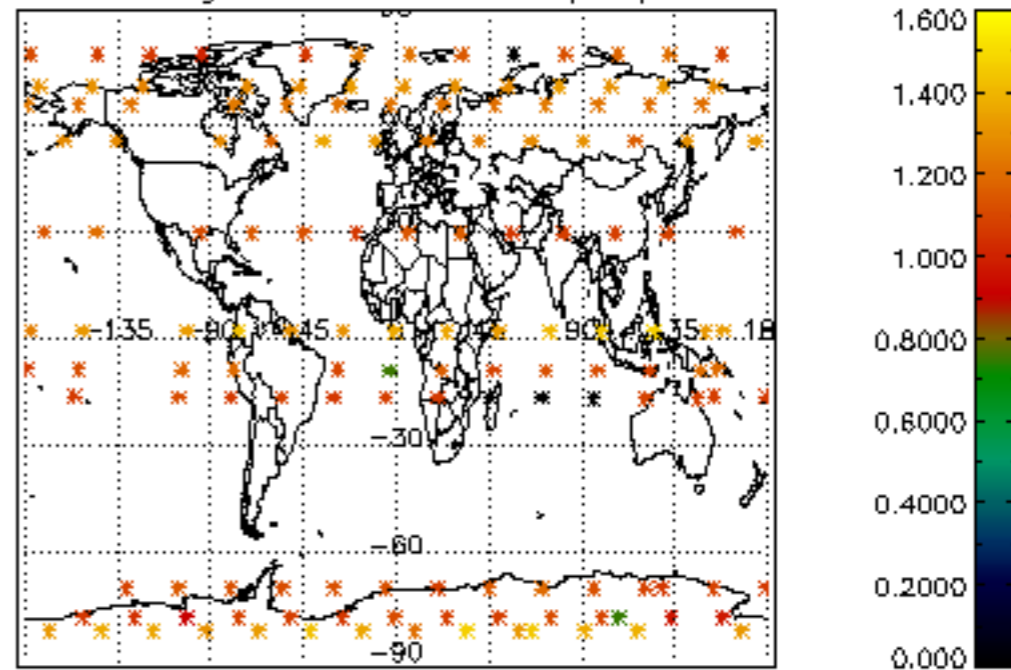
Percentage of saturation errors per profile



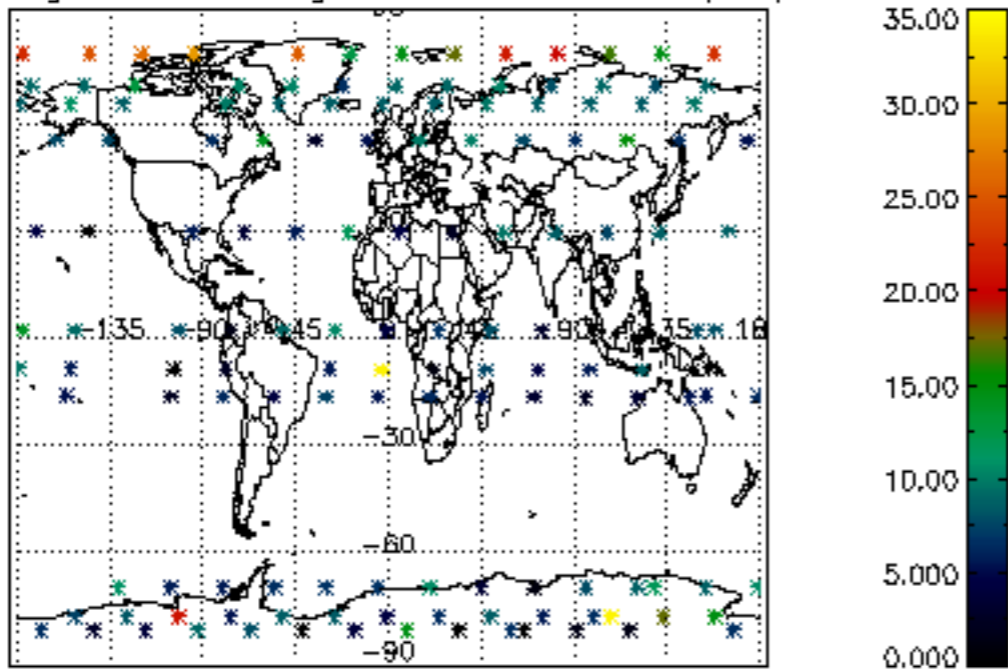
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

