

GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	29APR2013 15:23:50
Data source version	GOMOS/6.01
Start time of products	23-09-2010 (23SEP2010 00:00:00)
Stop time of products	24-09-2010 (24SEP2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	175
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__2PRFIN20100923_001000_000000462093_00131_44774_9380.N1	23-SEP-2010 00:10:00	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44774	No
2	GOM_NL__2PRFIN20100923_001535_000000422093_00131_44774_9381.N1	23-SEP-2010 00:15:35	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	44774	No
3	GOM_NL__2PRFIN20100923_002251_000000552093_00131_44774_9382.N1	23-SEP-2010 00:22:51	Twilight_and_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	44774	No
4	GOM_NL__2PRFIN20100923_003318_000000382093_00131_44774_9383.N1	23-SEP-2010 00:33:18	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	44774	No
5	GOM_NL__2PRFIN20100923_003704_000000382093_00131_44774_9384.N1	23-SEP-2010 00:37:04	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	44774	No
6	GOM_NL__2PRFIN20100923_003830_000000452093_00131_44774_9385.N1	23-SEP-2010 00:38:30	Bright	45.000	58	21Alp And	2.0730	11000.	90	44774	No
7	GOM_NL__2PRFIN20100923_004658_000000412093_00131_44774_9386.N1	23-SEP-2010 00:46:58	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	44774	No
8	GOM_NL__2PRFIN20100923_004834_000000402093_00131_44774_9387.N1	23-SEP-2010 00:48:34	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	44774	No
9	GOM_NL__2PRFIN20100923_011205_000000512093_00131_44774_9388.N1	23-SEP-2010 01:12:05	Bright	51.000	24	66Alp Gem	1.5800	10200.	102	44774	No
10	GOM_NL__2PRFIN20100923_012133_000000702093_00131_44774_9389.N1	23-SEP-2010 01:21:33	Dark	69.500	8	10Alp CMi	0.40000	6500.0	139	44774	No
11	GOM_NL__2PRFIN20100923_012853_000000452093_00131_44774_9390.N1	23-SEP-2010 01:28:53	Dark	44.500	132	15Rho Pup	2.8030	6900.0	89	44774	No
12	GOM_NL__2PRFIN20100923_013214_000000522093_00131_44774_9391.N1	23-SEP-2010 01:32:14	Dark	51.500	37	25Del CMa	1.8300	5900.0	103	44774	No
13	GOM_NL__2PRFIN20100923_013406_000000452093_00131_44774_9392.N1	23-SEP-2010 01:34:06	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	44774	No
14	GOM_NL__2PRFIN20100923_013913_000000572093_00132_44775_9391.N1	23-SEP-2010 01:39:13	Dark	56.500	2	Alp Car	-0.73600	7000.0	113	44775	No
15	GOM_NL__2PRFIN20100923_015037_000000442093_00132_44775_9392.N1	23-SEP-2010 01:50:37	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44775	No
16	GOM_NL__2PRFIN20100923_015611_000000442093_00132_44775_9393.N1	23-SEP-2010 01:56:11	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	44775	No
17	GOM_NL__2PRFIN20100923_020328_000000522093_00132_44775_9394.N1	23-SEP-2010 02:03:28	Twilight_and_stray	51.500	52	16Bet Cet	2.0370	4500.0	103	44775	No
18	GOM_NL__2PRFIN20100923_021354_000000382093_00132_44775_9395.N1	23-SEP-2010 02:13:54	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	44775	No
19	GOM_NL__2PRFIN20100923_021739_000000402093_00132_44775_9396.N1	23-SEP-2010 02:17:39	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	44775	No
20	GOM_NL__2PRFIN20100923_021906_000000442093_00132_44775_9397.N1	23-SEP-2010 02:19:06	Bright	43.500	58	21Alp And	2.0730	11000.	87	44775	No
21	GOM_NL__2PRFIN20100923_022734_000000382093_00132_44775_9398.N1	23-SEP-2010 02:27:34	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	44775	No
22	GOM_NL__2PRFIN20100923_022909_000000412093_00132_44775_9399.N1	23-SEP-2010 02:29:09	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	44775	No
23	GOM_NL__2PRFIN20100923_025241_000000682093_00132_44775_9400.N1	23-SEP-2010 02:52:41	Bright	68.000	24	66Alp Gem	1.5800	10200.	136	44775	No
24	GOM_NL__2PRFIN20100923_030210_000000602093_00132_44775_9401.N1	23-SEP-2010 03:02:10	Dark	60.000	8	10Alp CMi	0.40000	6500.0	120	44775	No
25	GOM_NL__2PRFIN20100923_030929_000000452093_00132_44775_9402.N1	23-SEP-2010 03:09:29	Dark	44.500	132	15Rho Pup	2.8030	6900.0	89	44775	No
26	GOM_NL__2PRFIN20100923_031251_000000492093_00132_44775_9403.N1	23-SEP-2010 03:12:51	Dark	49.000	37	25Del CMa	1.8300	5900.0	98	44775	No
27	GOM_NL__2PRFIN20100923_031442_000000492093_00132_44775_9404.N1	23-SEP-2010 03:14:42	Dark	49.000	117	Pi Pup	2.7060	3800.0	98	44775	No
28	GOM_NL__2PRFIN20100923_031949_000000482093_00133_44776_9401.N1	23-SEP-2010 03:19:49	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	44776	No
29	GOM_NL__2PRFIN20100923_033113_000000452093_00133_44776_9402.N1	23-SEP-2010 03:31:13	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44776	No
30	GOM_NL__2PRFIN20100923_033647_000000462093_00133_44776_9403.N1	23-SEP-2010 03:36:47	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	44776	No
31	GOM_NL__2PRFIN20100923_034404_000000542093_00133_44776_9404.N1	23-SEP-2010 03:44:04	Twilight_and_stray	54.000	52	16Bet Cet	2.0370	4500.0	108	44776	No
32	GOM_NL__2PRFIN20100923_035430_000000382093_00133_44776_9405.N1	23-SEP-2010 03:54:30	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	44776	No
33	GOM_NL__2PRFIN20100923_035815_000000372093_00133_44776_9406.N1	23-SEP-2010 03:58:15	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	44776	No
34	GOM_NL__2PRFIN20100923_035941_000000462093_00133_44776_9407.N1	23-SEP-2010 03:59:41	Bright	45.500	58	21Alp And	2.0730	11000.	91	44776	No
35	GOM_NL__2PRFIN20100923_040809_000000402093_00133_44776_9408.N1	23-SEP-2010 04:08:09	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	44776	No
36	GOM_NL__2PRFIN20100923_040945_000000422093_00133_44776_9409.N1	23-SEP-2010 04:09:45	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	44776	No
37	GOM_NL__2PRFIN20100923_043318_000000482093_00133_44776_9410.N1	23-SEP-2010 04:33:18	Bright	48.000	24	66Alp Gem	1.5800	10200.	96	44776	No
38	GOM_NL__2PRFIN20100923_044246_000000612093_00133_44776_9411.N1	23-SEP-2010 04:42:46	Dark	60.500	8	10Alp CMi	0.40000	6500.0	121	44776	No
39	GOM_NL__2PRFIN20100923_045006_000000452093_00133_44776_9412.N1	23-SEP-2010 04:50:06	Dark	45.000	132	15Rho Pup	2.8030	6900.0	90	44776	No
40	GOM_NL__2PRFIN20100923_045316_000000482093_00133_44776_9413.N1	23-SEP-2010 04:53:16	Dark	48.000	88	31Eta CMa	2.4480	20000.	96	44776	No
41	GOM_NL__2PRFIN20100923_045438_000000532093_00133_44776_9414.N1	23-SEP-2010 04:54:38	Dark	53.000	23	21Eps CMa	1.5020	26000.	106	44776	No
42	GOM_NL__2PRFIN20100923_045904_000000442093_00133_44776_9412.N1	23-SEP-2010 04:59:04	Dark	44.000	161	Tau Pup	2.9310	4500.0	88	44776	No

43	GOM_NL__2PRFIN20100923_050026_000000582093_00134_44777_9413.N1	23-SEP-2010 05:00:26	Dark	57.500	2	Alp Car	-0.73600	7000.0	115	44777	No
44	GOM_NL__2PRFIN20100923_051150_000000522093_00134_44777_9414.N1	23-SEP-2010 05:11:50	Dark	51.500	9	Alp Eri	0.45300	24000.	103	44777	No
45	GOM_NL__2PRFIN20100923_051723_000000472093_00134_44777_9415.N1	23-SEP-2010 05:17:23	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	44777	No
46	GOM_NL__2PRFIN20100923_052440_000000542093_00134_44777_9416.N1	23-SEP-2010 05:24:40	Tw_i_and_stray	54.000	52	16Bet Cet	2.0370	4500.0	108	44777	No
47	GOM_NL__2PRFIN20100923_053506_000000382093_00134_44777_9417.N1	23-SEP-2010 05:35:06	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	44777	No
48	GOM_NL__2PRFIN20100923_053851_000000412093_00134_44777_9418.N1	23-SEP-2010 05:38:51	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	44777	No
49	GOM_NL__2PRFIN20100923_054017_000000432093_00134_44777_9419.N1	23-SEP-2010 05:40:17	Bright	43.000	58	21Alp And	2.0730	11000.	86	44777	No
50	GOM_NL__2PRFIN20100923_054845_000000412093_00134_44777_9420.N1	23-SEP-2010 05:48:45	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44777	No
51	GOM_NL__2PRFIN20100923_055020_000000422093_00134_44777_9421.N1	23-SEP-2010 05:50:20	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	44777	No
52	GOM_NL__2PRFIN20100923_063940_000000422093_00134_44777_9756.N1	23-SEP-2010 06:39:40	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	44777	No
53	GOM_NL__2PRFIN20100923_064153_000000402093_00135_44778_9757.N1	23-SEP-2010 06:41:53	Dark	40.000	108	Alp Col	2.6520	15200.	80	44778	No
54	GOM_NL__2PRFIN20100923_065226_000000542093_00135_44778_9758.N1	23-SEP-2010 06:52:26	Dark	54.000	9	Alp Eri	0.45300	24000.	108	44778	No
55	GOM_NL__2PRFIN20100923_065800_000000462093_00135_44778_9759.N1	23-SEP-2010 06:58:00	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	44778	No
56	GOM_NL__2PRFIN20100923_070516_000000562093_00135_44778_9760.N1	23-SEP-2010 07:05:16	Tw_i_and_stray	55.500	52	16Bet Cet	2.0370	4500.0	111	44778	No
57	GOM_NL__2PRFIN20100923_071542_000000382093_00135_44778_9761.N1	23-SEP-2010 07:15:42	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	44778	No
58	GOM_NL__2PRFIN20100923_071927_000000382093_00135_44778_9762.N1	23-SEP-2010 07:19:27	Bright	37.500	93	53Bet Peg	2.5200	3100.0	75	44778	No
59	GOM_NL__2PRFIN20100923_072052_000000462093_00135_44778_9763.N1	23-SEP-2010 07:20:52	Bright	45.500	58	21Alp And	2.0730	11000.	91	44778	No
60	GOM_NL__2PRFIN20100923_072921_000000402093_00135_44778_9764.N1	23-SEP-2010 07:29:21	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	44778	No
61	GOM_NL__2PRFIN20100923_073056_000000412093_00135_44778_9765.N1	23-SEP-2010 07:30:56	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	44778	No
62	GOM_NL__2PRFIN20100923_075430_000000492093_00135_44778_9766.N1	23-SEP-2010 07:54:30	Bright	48.500	24	66Alp Gem	1.5800	10200.	97	44778	No
63	GOM_NL__2PRFIN20100923_080400_000000582093_00135_44778_9767.N1	23-SEP-2010 08:04:00	Dark	57.500	8	10Alp CMi	0.40000	6500.0	115	44778	No
64	GOM_NL__2PRFIN20100923_081119_000000432093_00135_44778_9768.N1	23-SEP-2010 08:11:19	Dark	43.000	132	15Rho Pup	2.8030	6900.0	86	44778	No
65	GOM_NL__2PRFIN20100923_081429_000000472093_00135_44778_9769.N1	23-SEP-2010 08:14:29	Dark	46.500	88	31Eta CMa	2.4480	20000.	93	44778	No
66	GOM_NL__2PRFIN20100923_081552_000000522093_00135_44778_9770.N1	23-SEP-2010 08:15:52	Dark	52.000	23	21Eps CMa	1.5020	26000.	104	44778	No
67	GOM_NL__2PRFIN20100923_082017_000000422093_00135_44778_9781.N1	23-SEP-2010 08:20:17	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	44778	No
68	GOM_NL__2PRFIN20100923_100216_000000552093_00137_44780_9786.N1	23-SEP-2010 10:02:16	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	44780	No
69	GOM_NL__2PRFIN20100923_101431_000000512093_00137_44780_9787.N1	23-SEP-2010 10:14:31	Straylight	51.000	157	The1Eri	2.9060	9300.0	102	44780	No
70	GOM_NL__2PRFIN20100923_101912_000000472093_00137_44780_9788.N1	23-SEP-2010 10:19:12	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	44780	No
71	GOM_NL__2PRFIN20100923_102628_000000512093_00137_44780_9789.N1	23-SEP-2010 10:26:28	Tw_i_and_stray	51.000	52	16Bet Cet	2.0370	4500.0	102	44780	No
72	GOM_NL__2PRFIN20100923_103654_000000382093_00137_44780_9790.N1	23-SEP-2010 10:36:54	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	44780	No
73	GOM_NL__2PRFIN20100923_104038_000000392093_00137_44780_9791.N1	23-SEP-2010 10:40:38	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	44780	No
74	GOM_NL__2PRFIN20100923_104203_000000452093_00137_44780_9792.N1	23-SEP-2010 10:42:03	Bright	44.500	58	21Alp And	2.0730	11000.	89	44780	No
75	GOM_NL__2PRFIN20100923_105032_000000382093_00137_44780_9793.N1	23-SEP-2010 10:50:32	Bright	37.500	74	11Bet Cas	2.2680	6600.0	75	44780	No
76	GOM_NL__2PRFIN20100923_105207_000000412093_00137_44780_9794.N1	23-SEP-2010 10:52:07	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	44780	No
77	GOM_NL__2PRFIN20100923_111542_000000492093_00137_44780_9795.N1	23-SEP-2010 11:15:42	Bright	49.000	24	66Alp Gem	1.5800	10200.	98	44780	No
78	GOM_NL__2PRFIN20100923_112513_000000602093_00137_44780_9796.N1	23-SEP-2010 11:25:13	Dark	60.000	8	10Alp CMi	0.40000	6500.0	120	44780	No
79	GOM_NL__2PRFIN20100923_113232_000000442093_00137_44780_9797.N1	23-SEP-2010 11:32:32	Dark	44.000	132	15Rho Pup	2.8030	6900.0	88	44780	No
80	GOM_NL__2PRFIN20100923_113523_000000702093_00137_44780_9798.N1	23-SEP-2010 11:35:23	Dark	69.500	1	9Alp CMa	-1.4400	11000.	139	44780	No
81	GOM_NL__2PRFIN20100923_113706_000000522093_00137_44780_9799.N1	23-SEP-2010 11:37:06	Dark	52.000	23	21Eps CMa	1.5020	26000.	104	44780	No
82	GOM_NL__2PRFIN20100923_114130_000000412093_00137_44780_9513.N1	23-SEP-2010 11:41:30	Dark	41.000	161	Tau Pup	2.9310	4500.0	82	44780	No
83	GOM_NL__2PRFIN20100923_114252_000000462093_00138_44781_9514.N1	23-SEP-2010 11:42:52	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	44781	No
84	GOM_NL__2PRFIN20100923_115508_000000532093_00138_44781_9515.N1	23-SEP-2010 11:55:08	Straylight	53.000	157	The1Eri	2.9060	9300.0	106	44781	No
85	GOM_NL__2PRFIN20100923_115948_000000462093_00138_44781_9516.N1	23-SEP-2010 11:59:48	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	44781	No
86	GOM_NL__2PRFIN20100923_120704_000000492093_00138_44781_9517.N1	23-SEP-2010 12:07:04	Tw_i_and_stray	48.500	52	16Bet Cet	2.0370	4500.0	97	44781	No
87	GOM_NL__2PRFIN20100923_121730_000000372093_00138_44781_9518.N1	23-SEP-2010 12:17:30	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	44781	No
88	GOM_NL__2PRFIN20100923_122114_000000372093_00138_44781_9519.N1	23-SEP-2010 12:21:14	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	44781	No
89	GOM_NL__2PRFIN20100923_122239_000000442093_00138_44781_9520.N1	23-SEP-2010 12:22:39	Bright	43.500	58	21Alp And	2.0730	11000.	87	44781	No
90	GOM_NL__2PRFIN20100923_123107_000000412093_00138_44781_9521.N1	23-SEP-2010 12:31:07	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44781	No
91	GOM_NL__2PRFIN20100923_123242_000000422093_00138_44781_9522.N1	23-SEP-2010 12:32:42	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	44781	No
92	GOM_NL__2PRFIN20100923_125618_000000492093_00138_44781_9523.N1	23-SEP-2010 12:56:18	Bright	48.500	24	66Alp Gem	1.5800	10200.	97	44781	No
93	GOM_NL__2PRFIN20100923_130550_000000602093_00138_44781_9524.N1	23-SEP-2010 13:05:50	Dark	59.500	8	10Alp CMi	0.40000	6500.0	119	44781	No
94	GOM_NL__2PRFIN20100923_131309_000000432093_00138_44781_9525.N1	23-SEP-2010 13:13:09	Dark	43.000	132	15Rho Pup	2.8030	6900.0	86	44781	No
95	GOM_NL__2PRFIN20100923_131600_000000732093_00138_44781_9526.N1	23-SEP-2010 13:16:00	Dark	73.000	1	9Alp CMa	-1.4400	11000.	146	44781	No
96	GOM_NL__2PRFIN20100923_131742_000000482093_00138_44781_9527.N1	23-SEP-2010 13:17:42	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	44781	No
97	GOM_NL__2PRFIN20100923_132206_000000412093_00138_44781_9562.N1	23-SEP-2010 13:22:06	Dark	41.000	161	Tau Pup	2.9310	4500.0	82	44781	No
98	GOM_NL__2PRFIN20100923_132422_000000542093_00139_44782_9563.N1	23-SEP-2010 13:24:22	Dark	53.500	108	Alp Col	2.6520	15200.	107	44782	No
99	GOM_NL__2PRFIN20100923_133544_000000532093_00139_44782_9564.N1	23-SEP-2010 13:35:44	Straylight	53.000	157	The1Eri	2.9060	9300.0	106	44782	No
100	GOM_NL__2PRFIN20100923_134025_000000462093_00139_44782_9565.N1	23-SEP-2010 13:40:25	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	44782	No
101	GOM_NL__2PRFIN20100923_152816_000000542093_00140_44783_9596.N1	23-SEP-2010 15:28:16	Tw_i_and_stray	54.000	52	16Bet Cet	2.0370	4500.0	108	44783	No

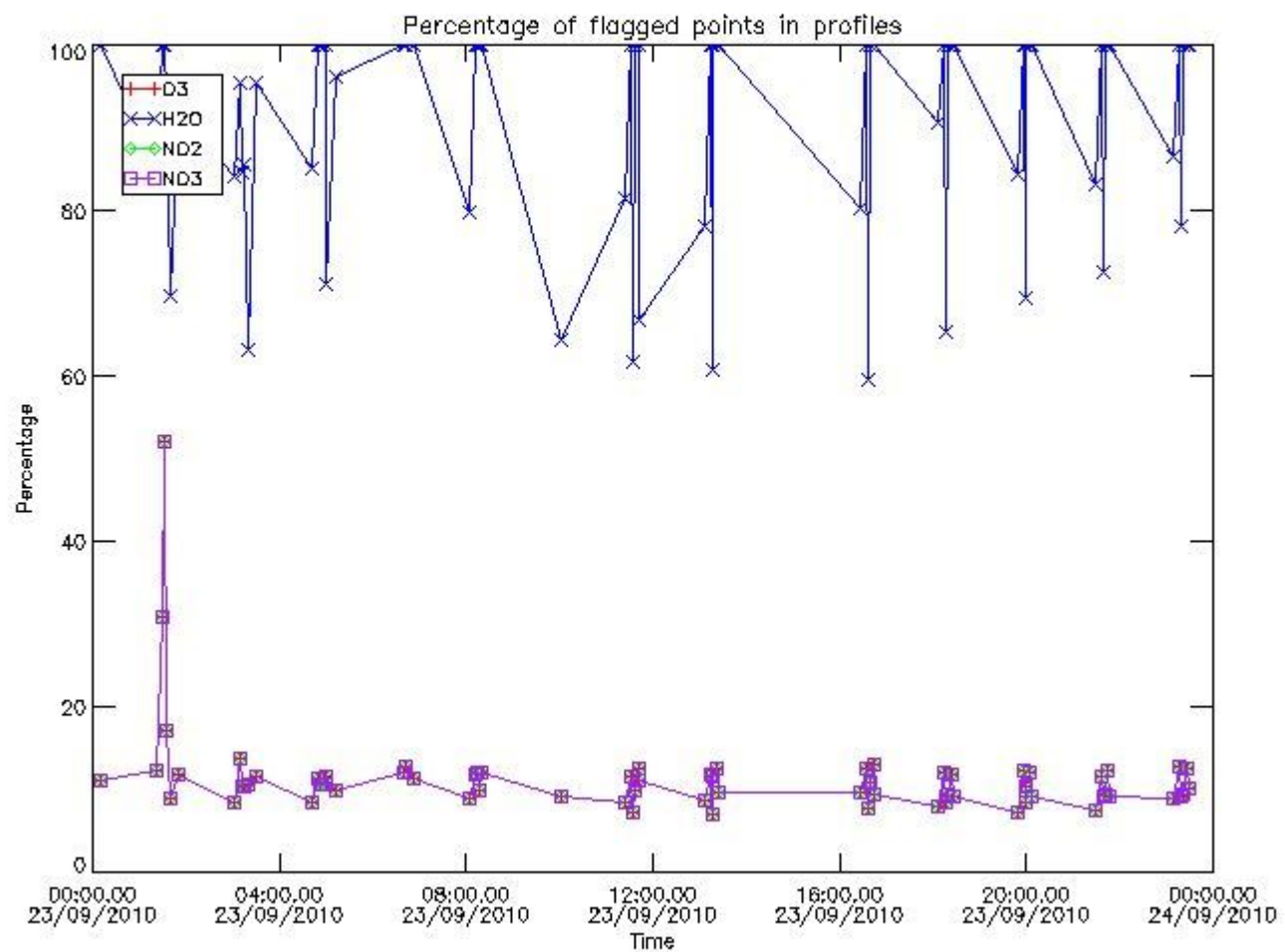
102	GOM_NL__2PRFIN20100923_153841_000000392093_00140_44783_9597.N1	23-SEP-2010 15:38:41	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	44783	No
103	GOM_NL__2PRFIN20100923_154226_000000402093_00140_44783_9598.N1	23-SEP-2010 15:42:26	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	44783	No
104	GOM_NL__2PRFIN20100923_154349_000000432093_00140_44783_9599.N1	23-SEP-2010 15:43:49	Bright	43.000	58	21Alp And	2.0730	11000.	86	44783	No
105	GOM_NL__2PRFIN20100923_155218_000000382093_00140_44783_9600.N1	23-SEP-2010 15:52:18	Bright	37.500	74	11Bet Cas	2.2680	6600.0	75	44783	No
106	GOM_NL__2PRFIN20100923_155353_000000422093_00140_44783_9601.N1	23-SEP-2010 15:53:53	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	44783	No
107	GOM_NL__2PRFIN20100923_161730_000000482093_00140_44783_9602.N1	23-SEP-2010 16:17:30	Bright	47.500	24	66Alp Gem	1.5800	10200.	95	44783	No
108	GOM_NL__2PRFIN20100923_162703_000000692093_00140_44783_9603.N1	23-SEP-2010 16:27:03	Dark	69.000	8	10Alp CMi	0.40000	6500.0	138	44783	No
109	GOM_NL__2PRFIN20100923_163422_000000412093_00140_44783_9604.N1	23-SEP-2010 16:34:22	Dark	40.500	132	15Rho Pup	2.8030	6900.0	81	44783	No
110	GOM_NL__2PRFIN20100923_163715_000000672093_00140_44783_9605.N1	23-SEP-2010 16:37:15	Dark	67.000	1	9Alp CMa	-1.4400	11000.	134	44783	No
111	GOM_NL__2PRFIN20100923_163856_000000472093_00140_44783_9606.N1	23-SEP-2010 16:38:56	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	44783	No
112	GOM_NL__2PRFIN20100923_164320_000000432093_00141_44784_9627.N1	23-SEP-2010 16:43:20	Dark	43.000	161	Tau Pup	2.9310	4500.0	86	44784	No
113	GOM_NL__2PRFIN20100923_164537_000000542093_00141_44784_9628.N1	23-SEP-2010 16:45:37	Dark	54.000	108	Alp Col	2.6520	15200.	108	44784	No
114	GOM_NL__2PRFIN20100923_165658_000000522093_00141_44784_9629.N1	23-SEP-2010 16:56:58	Straylight	51.500	157	The1Eri	2.9060	9300.0	103	44784	No
115	GOM_NL__2PRFIN20100923_170137_000000452093_00141_44784_9630.N1	23-SEP-2010 17:01:37	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	44784	No
116	GOM_NL__2PRFIN20100923_170852_000000552093_00141_44784_9631.N1	23-SEP-2010 17:08:52	Tw_i_and_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	44784	No
117	GOM_NL__2PRFIN20100923_171917_000000382093_00141_44784_9632.N1	23-SEP-2010 17:19:17	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	44784	No
118	GOM_NL__2PRFIN20100923_172301_000000412093_00141_44784_9633.N1	23-SEP-2010 17:23:01	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	44784	No
119	GOM_NL__2PRFIN20100923_172425_000000432093_00141_44784_9634.N1	23-SEP-2010 17:24:25	Bright	43.000	58	21Alp And	2.0730	11000.	86	44784	No
120	GOM_NL__2PRFIN20100923_173254_000000412093_00141_44784_9635.N1	23-SEP-2010 17:32:54	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44784	No
121	GOM_NL__2PRFIN20100923_173429_000000412093_00141_44784_9636.N1	23-SEP-2010 17:34:29	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	44784	No
122	GOM_NL__2PRFIN20100923_175806_000000502093_00141_44784_9637.N1	23-SEP-2010 17:58:06	Bright	49.500	24	66Alp Gem	1.5800	10200.	99	44784	No
123	GOM_NL__2PRFIN20100923_180740_000000642093_00141_44784_9638.N1	23-SEP-2010 18:07:40	Dark	63.500	8	10Alp CMi	0.40000	6500.0	127	44784	No
124	GOM_NL__2PRFIN20100923_181458_000000422093_00141_44784_9639.N1	23-SEP-2010 18:14:58	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	44784	No
125	GOM_NL__2PRFIN20100923_181752_000000612093_00141_44784_9640.N1	23-SEP-2010 18:17:52	Dark	61.000	1	9Alp CMa	-1.4400	11000.	122	44784	No
126	GOM_NL__2PRFIN20100923_181933_000000542093_00141_44784_9641.N1	23-SEP-2010 18:19:33	Dark	54.000	23	21Eps CMa	1.5020	26000.	108	44784	No
127	GOM_NL__2PRFIN20100923_182356_000000432093_00142_44785_9655.N1	23-SEP-2010 18:23:56	Dark	43.000	161	Tau Pup	2.9310	4500.0	86	44785	No
128	GOM_NL__2PRFIN20100923_182614_000000562093_00142_44785_9656.N1	23-SEP-2010 18:26:14	Dark	55.500	108	Alp Col	2.6520	15200.	111	44785	No
129	GOM_NL__2PRFIN20100923_183735_000000512093_00142_44785_9657.N1	23-SEP-2010 18:37:35	Straylight	51.000	157	The1Eri	2.9060	9300.0	102	44785	No
130	GOM_NL__2PRFIN20100923_184214_000000462093_00142_44785_9658.N1	23-SEP-2010 18:42:14	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	44785	No
131	GOM_NL__2PRFIN20100923_184928_000000542093_00142_44785_9659.N1	23-SEP-2010 18:49:28	Tw_i_and_stray	53.500	52	16Bet Cet	2.0370	4500.0	107	44785	No
132	GOM_NL__2PRFIN20100923_185953_000000382093_00142_44785_9660.N1	23-SEP-2010 18:59:53	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	44785	No
133	GOM_NL__2PRFIN20100923_190337_000000382093_00142_44785_9661.N1	23-SEP-2010 19:03:37	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	44785	No
134	GOM_NL__2PRFIN20100923_190500_000000422093_00142_44785_9662.N1	23-SEP-2010 19:05:00	Bright	42.000	58	21Alp And	2.0730	11000.	84	44785	No
135	GOM_NL__2PRFIN20100923_191330_000000422093_00142_44785_9663.N1	23-SEP-2010 19:13:30	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	44785	No
136	GOM_NL__2PRFIN20100923_191504_000000422093_00142_44785_9664.N1	23-SEP-2010 19:15:04	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	44785	No
137	GOM_NL__2PRFIN20100923_193842_000000492093_00142_44785_9665.N1	23-SEP-2010 19:38:42	Bright	48.500	24	66Alp Gem	1.5800	10200.	97	44785	No
138	GOM_NL__2PRFIN20100923_194816_000000712093_00142_44785_9666.N1	23-SEP-2010 19:48:16	Dark	71.000	8	10Alp CMi	0.40000	6500.0	142	44785	No
139	GOM_NL__2PRFIN20100923_195535_000000422093_00142_44785_9667.N1	23-SEP-2010 19:55:35	Dark	41.500	132	15Rho Pup	2.8030	6900.0	83	44785	No
140	GOM_NL__2PRFIN20100923_195829_000000612093_00142_44785_9668.N1	23-SEP-2010 19:58:29	Dark	61.000	1	9Alp CMa	-1.4400	11000.	122	44785	No
141	GOM_NL__2PRFIN20100923_200010_000000492093_00142_44785_9669.N1	23-SEP-2010 20:00:10	Dark	49.000	23	21Eps CMa	1.5020	26000.	98	44785	No
142	GOM_NL__2PRFIN20100923_200433_000000512093_00143_44786_9679.N1	23-SEP-2010 20:04:33	Dark	51.000	161	Tau Pup	2.9310	4500.0	102	44786	No
143	GOM_NL__2PRFIN20100923_200651_000000562093_00143_44786_9680.N1	23-SEP-2010 20:06:51	Dark	55.500	108	Alp Col	2.6520	15200.	111	44786	No
144	GOM_NL__2PRFIN20100923_201812_000000512093_00143_44786_9681.N1	23-SEP-2010 20:18:12	Straylight	51.000	157	The1Eri	2.9060	9300.0	102	44786	No
145	GOM_NL__2PRFIN20100923_202250_000000442093_00143_44786_9682.N1	23-SEP-2010 20:22:50	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	44786	No
146	GOM_NL__2PRFIN20100923_203004_000000622093_00143_44786_9683.N1	23-SEP-2010 20:30:04	Tw_i_and_stray	62.000	52	16Bet Cet	2.0370	4500.0	124	44786	No
147	GOM_NL__2PRFIN20100923_204029_000000382093_00143_44786_9684.N1	23-SEP-2010 20:40:29	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	44786	No
148	GOM_NL__2PRFIN20100923_204413_000000412093_00143_44786_9685.N1	23-SEP-2010 20:44:13	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	44786	No
149	GOM_NL__2PRFIN20100923_204536_000000452093_00143_44786_9686.N1	23-SEP-2010 20:45:36	Bright	45.000	58	21Alp And	2.0730	11000.	90	44786	No
150	GOM_NL__2PRFIN20100923_205405_000000402093_00143_44786_9687.N1	23-SEP-2010 20:54:05	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	44786	No
151	GOM_NL__2PRFIN20100923_205539_000000442093_00143_44786_9688.N1	23-SEP-2010 20:55:39	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	44786	No
152	GOM_NL__2PRFIN20100923_211918_000000502093_00143_44786_9689.N1	23-SEP-2010 21:19:18	Bright	50.000	24	66Alp Gem	1.5800	10200.	100	44786	No
153	GOM_NL__2PRFIN20100923_212853_000000692093_00143_44786_9690.N1	23-SEP-2010 21:28:53	Dark	68.500	8	10Alp CMi	0.40000	6500.0	137	44786	No
154	GOM_NL__2PRFIN20100923_213612_000000442093_00143_44786_9691.N1	23-SEP-2010 21:36:12	Dark	44.000	132	15Rho Pup	2.8030	6900.0	88	44786	No
155	GOM_NL__2PRFIN20100923_213907_000000552093_00143_44786_9692.N1	23-SEP-2010 21:39:07	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	44786	No
156	GOM_NL__2PRFIN20100923_214048_000000602093_00143_44786_9693.N1	23-SEP-2010 21:40:48	Dark	59.500	23	21Eps CMa	1.5020	26000.	119	44786	No
157	GOM_NL__2PRFIN20100923_214509_000000422093_00144_44787_9758.N1	23-SEP-2010 21:45:09	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	44787	No
158	GOM_NL__2PRFIN20100923_214729_000000562093_00144_44787_9759.N1	23-SEP-2010 21:47:29	Dark	56.000	108	Alp Col	2.6520	15200.	112	44787	No
159	GOM_NL__2PRFIN20100923_215849_000000522093_00144_44787_9760.N1	23-SEP-2010 21:58:49	Straylight	51.500	157	The1Eri	2.9060	9300.0	103	44787	No
160	GOM_NL__2PRFIN20100923_220326_000000462093_00144_44787_9761.N1	23-SEP-2010 22:03:26	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	44787	No

161	GOM_NL__2PRFIN20100923_221040_000000552093_00144_44787_9762.N1	23-SEP-2010 22:10:40	Twilight	55.000	52	16Bet Cet	2.0370	4500.0	110	44787	No
162	GOM_NL__2PRFIN20100923_222105_000000392093_00144_44787_9763.N1	23-SEP-2010 22:21:05	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	44787	No
163	GOM_NL__2PRFIN20100923_222449_000000392093_00144_44787_9764.N1	23-SEP-2010 22:24:49	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	44787	No
164	GOM_NL__2PRFIN20100923_222611_000000452093_00144_44787_9765.N1	23-SEP-2010 22:26:11	Bright	44.500	58	21Alp And	2.0730	11000.	89	44787	No
165	GOM_NL__2PRFIN20100923_223440_000000422093_00144_44787_9766.N1	23-SEP-2010 22:34:40	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	44787	No
166	GOM_NL__2PRFIN20100923_223615_000000422093_00144_44787_9767.N1	23-SEP-2010 22:36:15	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	44787	No
167	GOM_NL__2PRFIN20100923_225954_000000522093_00144_44787_9768.N1	23-SEP-2010 22:59:54	Bright	51.500	24	66Alp Gem	1.5800	10200.	103	44787	No
168	GOM_NL__2PRFIN20100923_230929_000000632093_00144_44787_9769.N1	23-SEP-2010 23:09:29	Dark	62.500	8	10Alp CMi	0.40000	6500.0	125	44787	No
169	GOM_NL__2PRFIN20100923_231648_000000442093_00144_44787_9770.N1	23-SEP-2010 23:16:48	Dark	44.000	132	15Rho Pup	2.8030	6900.0	88	44787	No
170	GOM_NL__2PRFIN20100923_231944_000000552093_00144_44787_9771.N1	23-SEP-2010 23:19:44	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	44787	No
171	GOM_NL__2PRFIN20100923_232124_000000542093_00144_44787_9772.N1	23-SEP-2010 23:21:24	Dark	54.000	23	21Eps CMa	1.5020	26000.	108	44787	No
172	GOM_NL__2PRFIN20100923_232546_000000412093_00145_44788_9798.N1	23-SEP-2010 23:25:46	Dark	40.500	161	Tau Pup	2.9310	4500.0	81	44788	No
173	GOM_NL__2PRFIN20100923_232806_000000552093_00145_44788_9799.N1	23-SEP-2010 23:28:06	Dark	55.000	108	Alp Col	2.6520	15200.	110	44788	No
174	GOM_NL__2PRFIN20100923_233925_000000522093_00145_44788_9800.N1	23-SEP-2010 23:39:25	Straylight	52.000	157	The1Eri	2.9060	9300.0	104	44788	No
175	GOM_NL__2PRFIN20100923_235116_000000572093_00145_44788_9801.N1	23-SEP-2010 23:51:16	Twilight	57.000	52	16Bet Cet	2.0370	4500.0	114	44788	No

3. Quality information per product

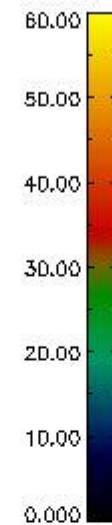
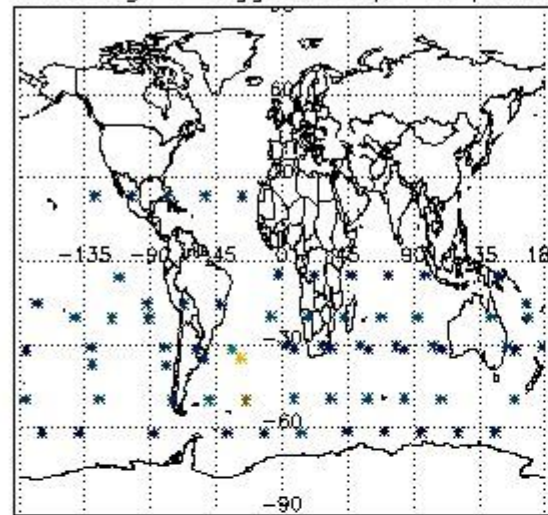
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

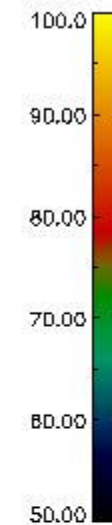
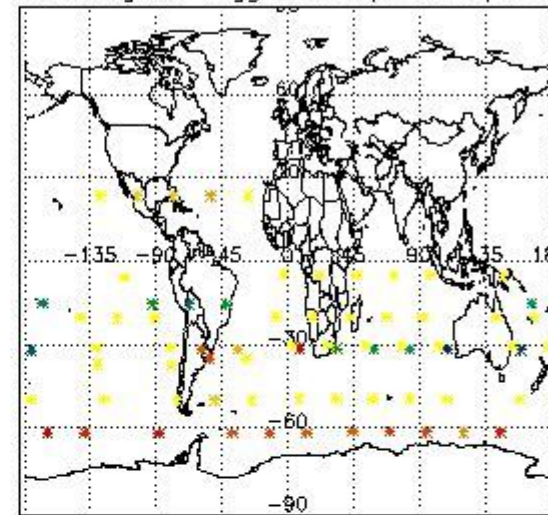


3.2 Plot quality information per product (world map)

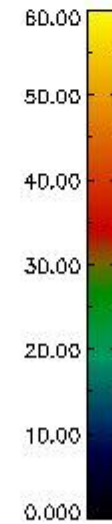
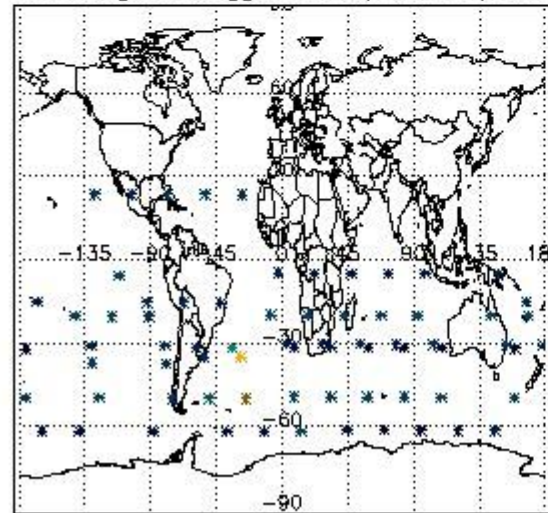
Percentage of flagged data per O3 profile



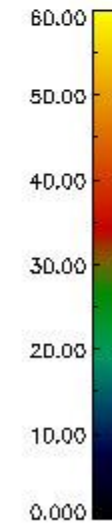
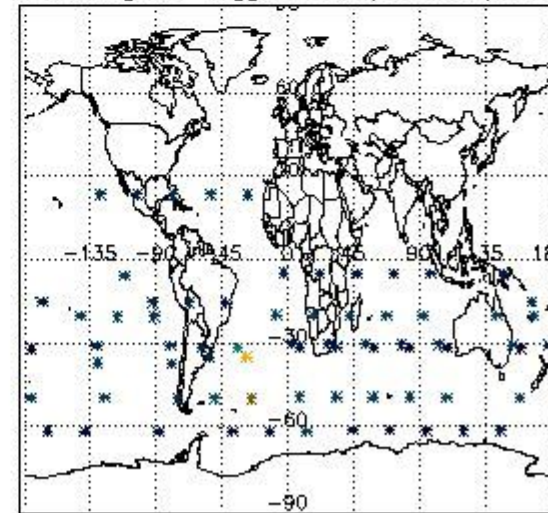
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

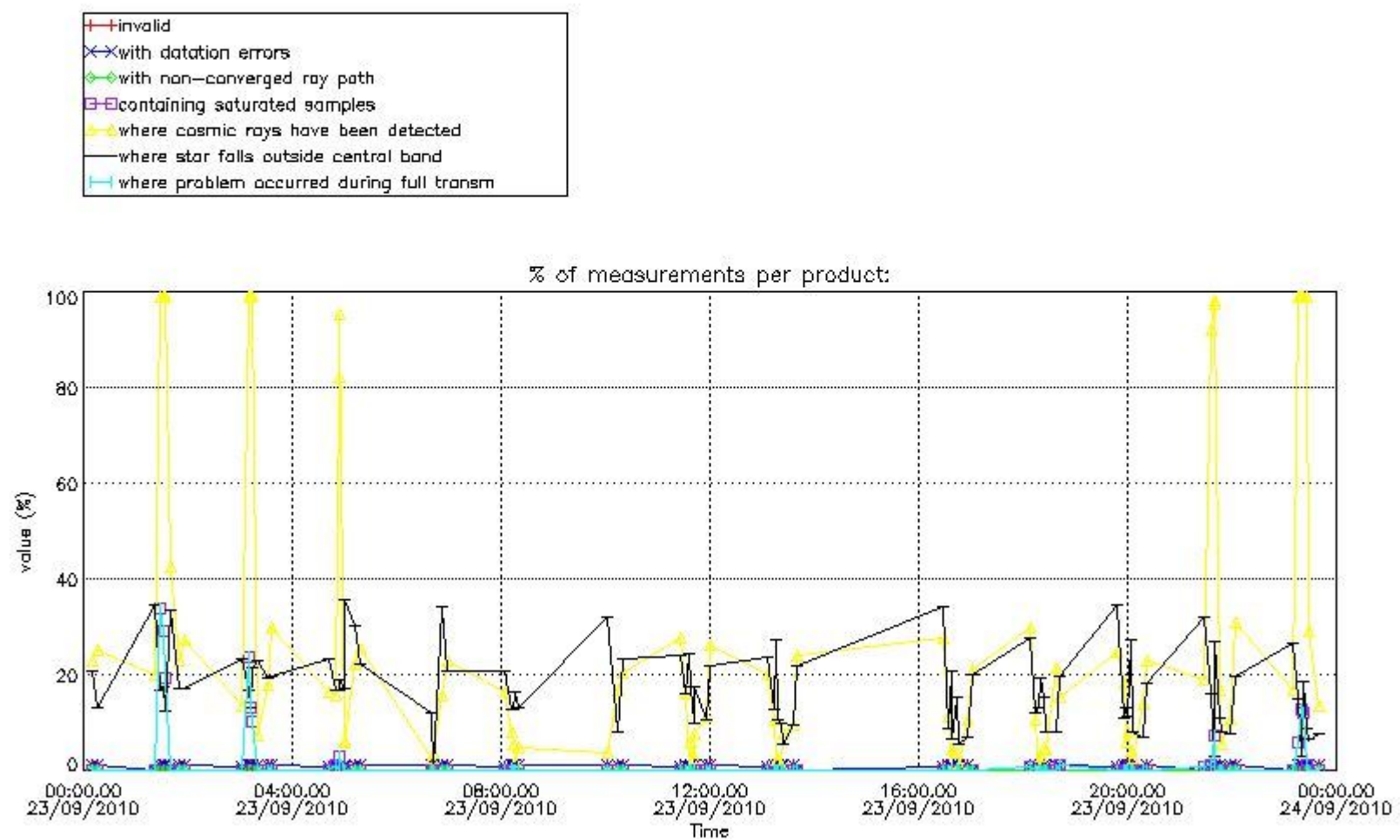


4. Level 1 quality information per product

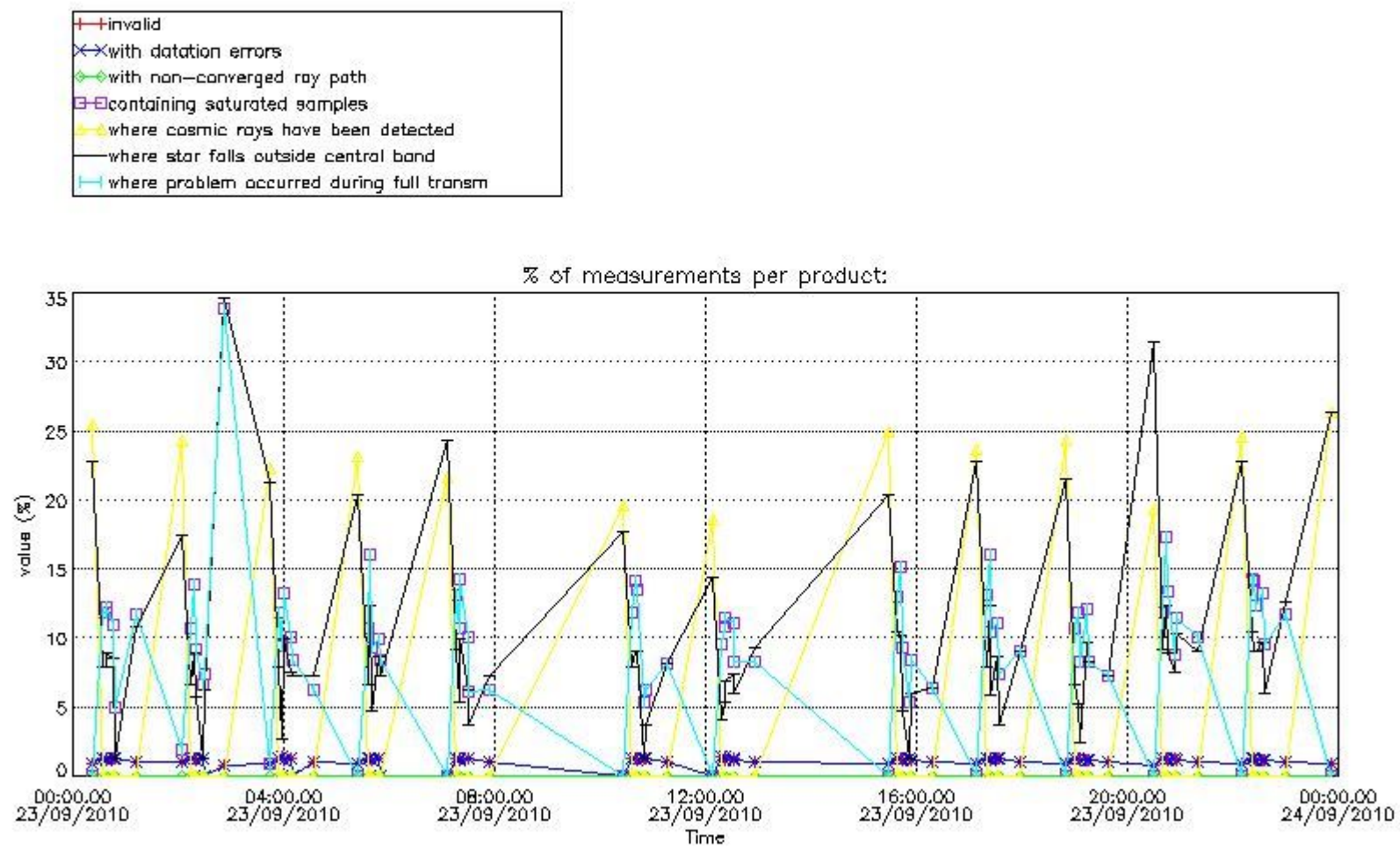
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



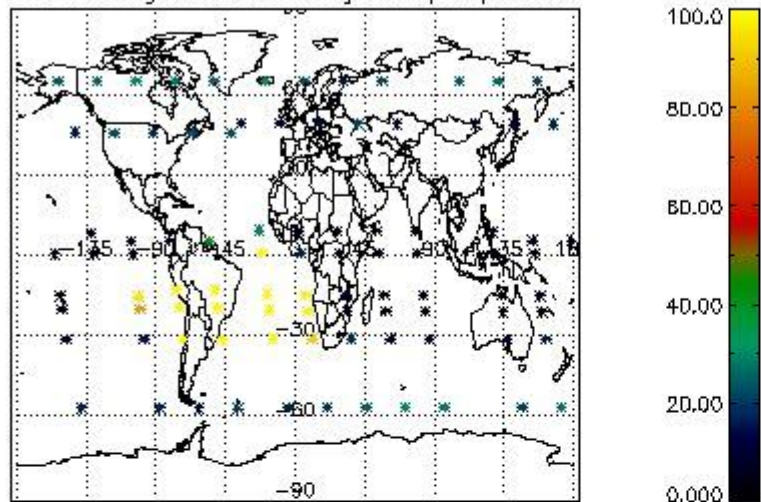
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



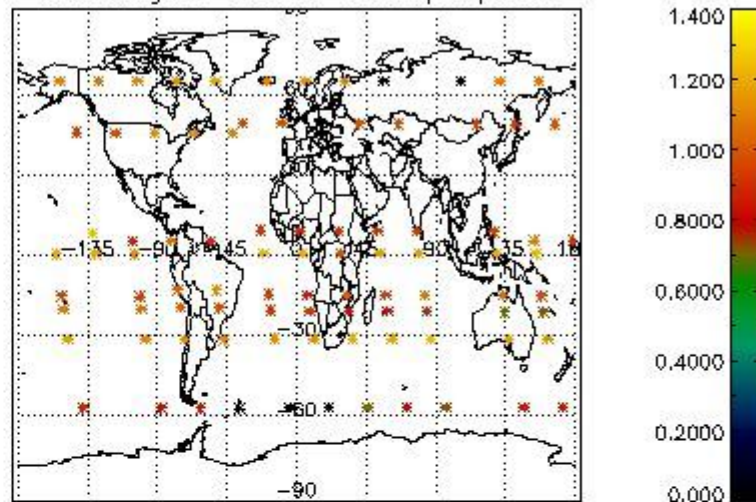
4.2 Plot quality information per product coming from level 1b processing (world map)

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

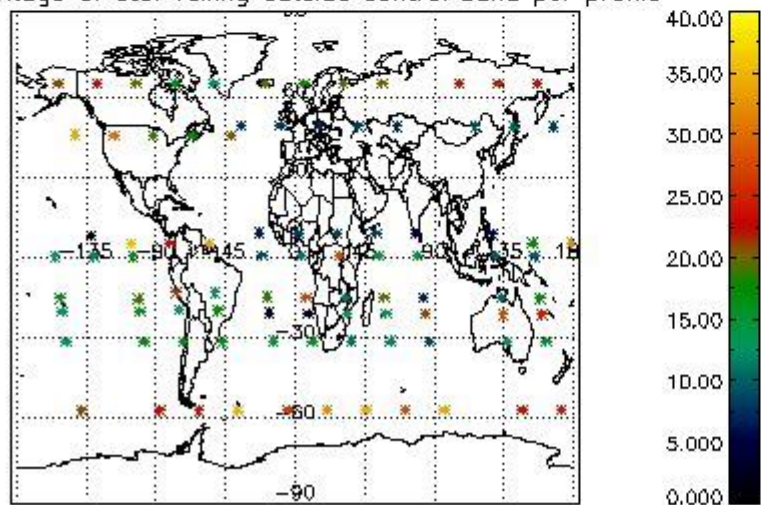
Percentage of cosmic ray hits per profile



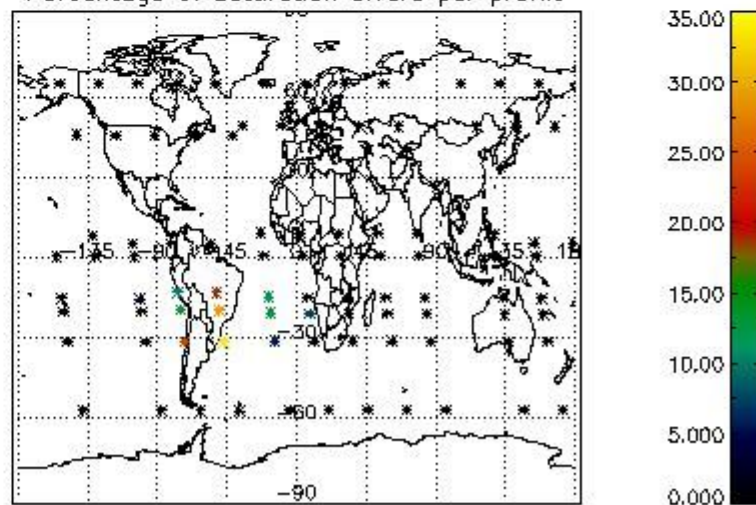
Percentage of datation errors per profile



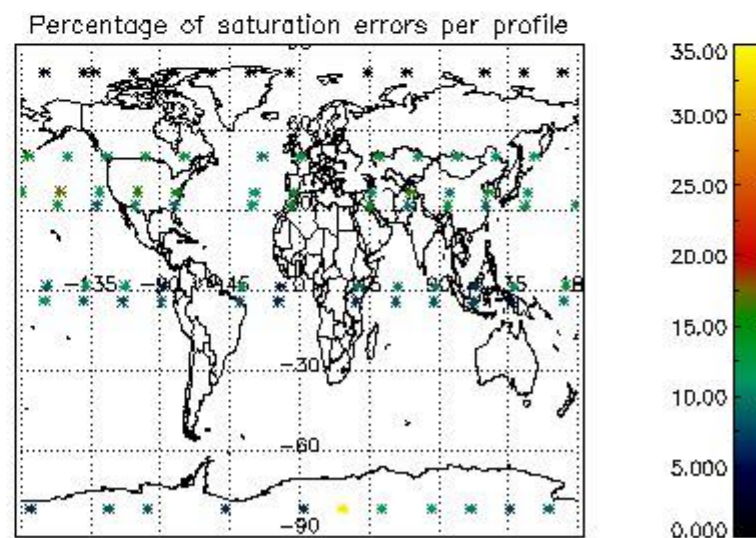
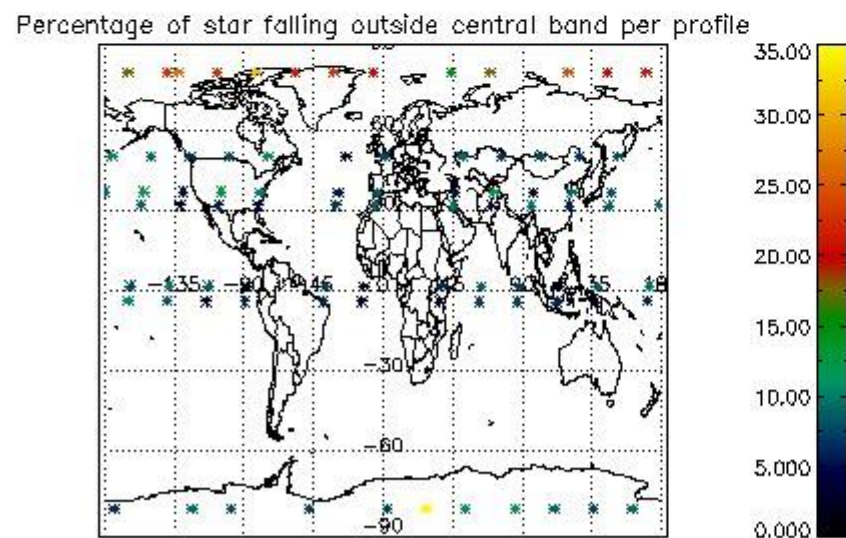
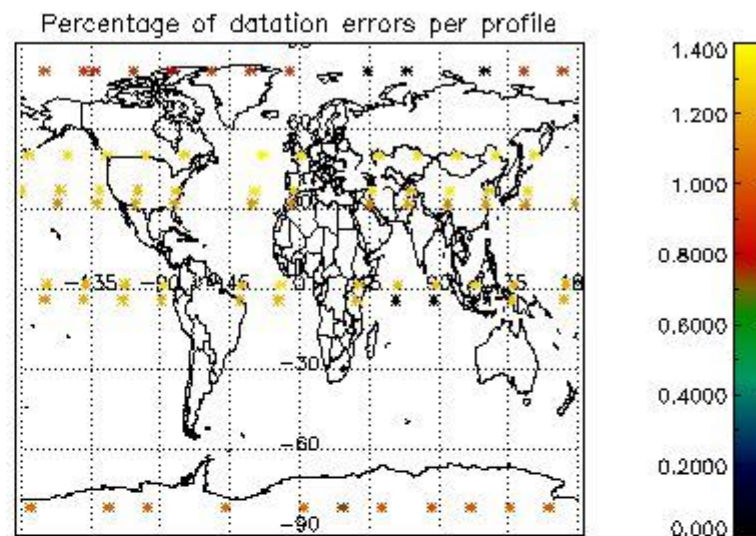
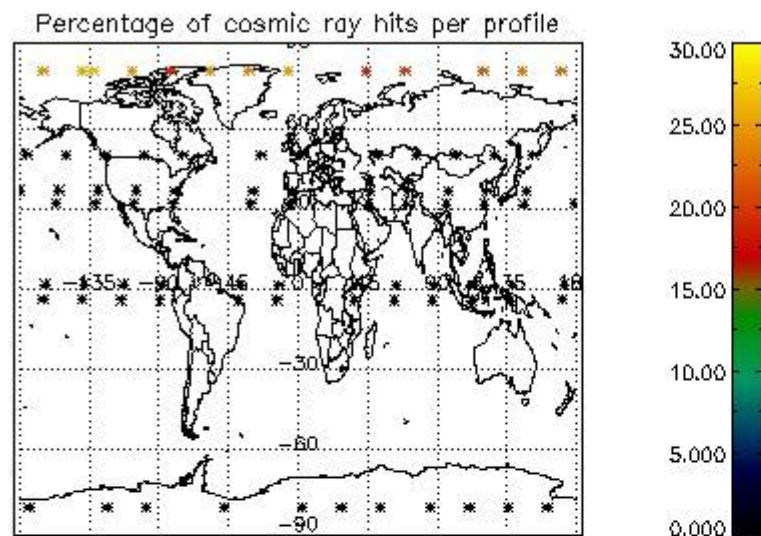
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

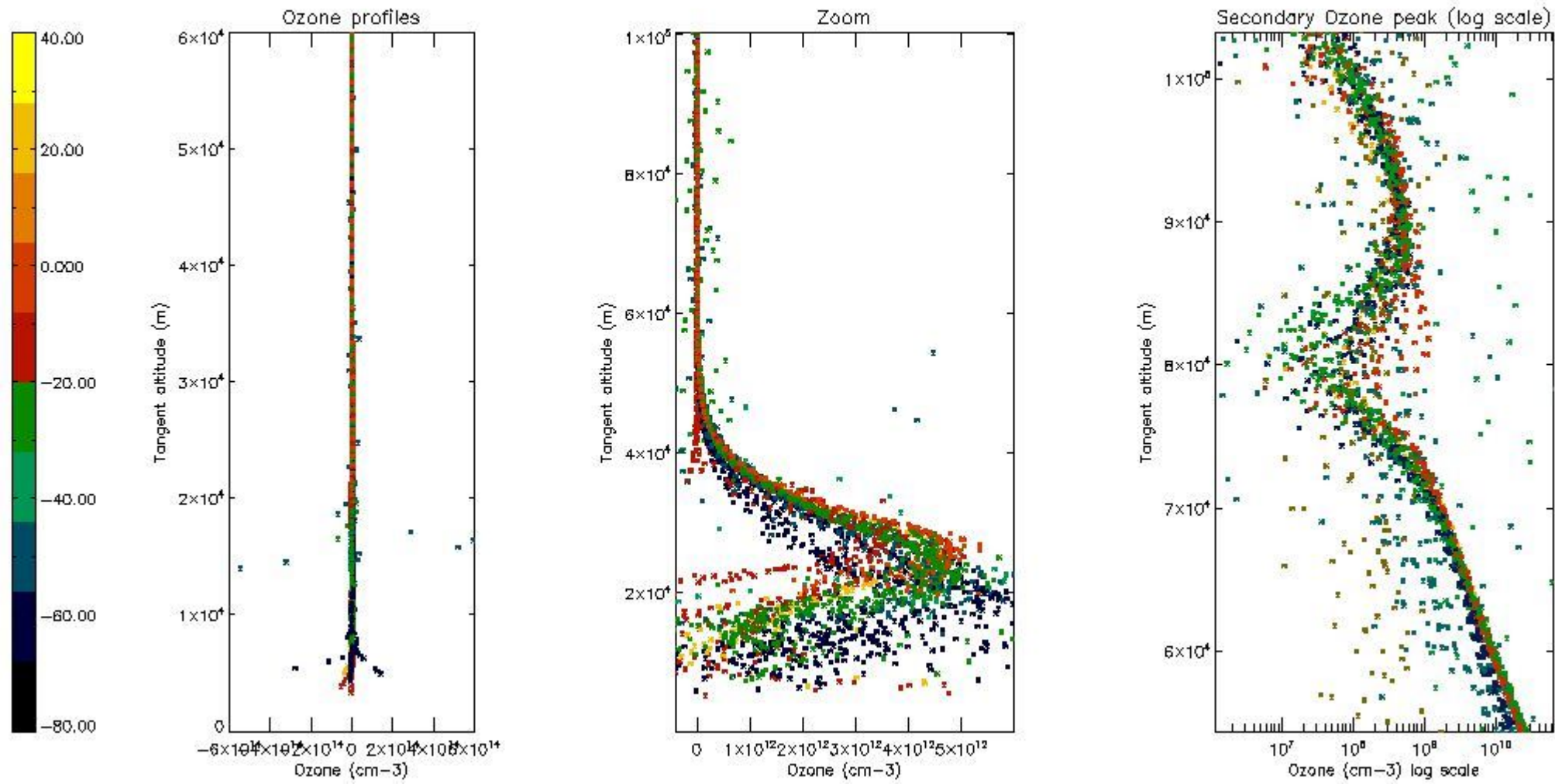
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	45
STD < 20	25

STD < 10	19
STD < 5	16

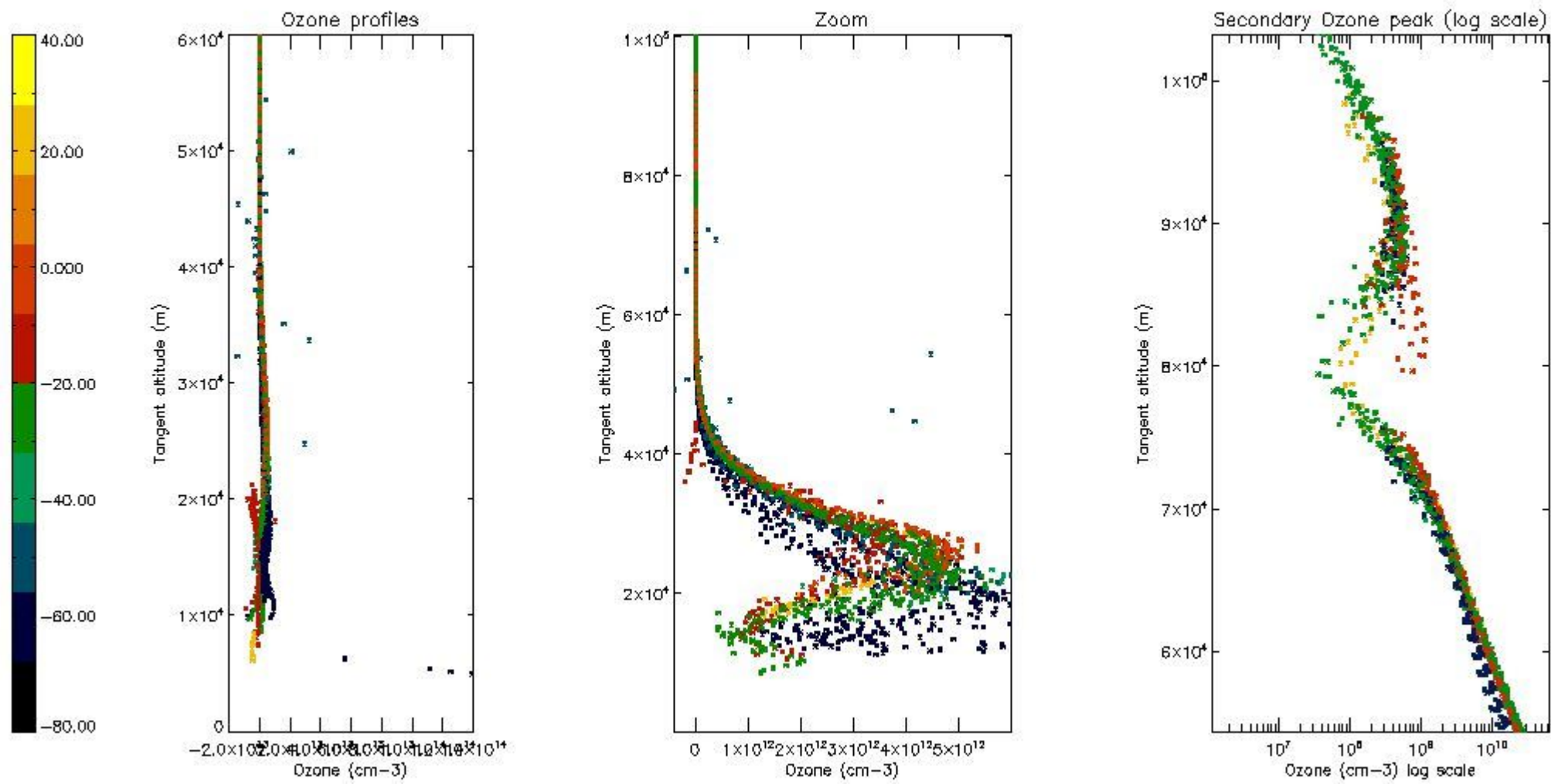
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



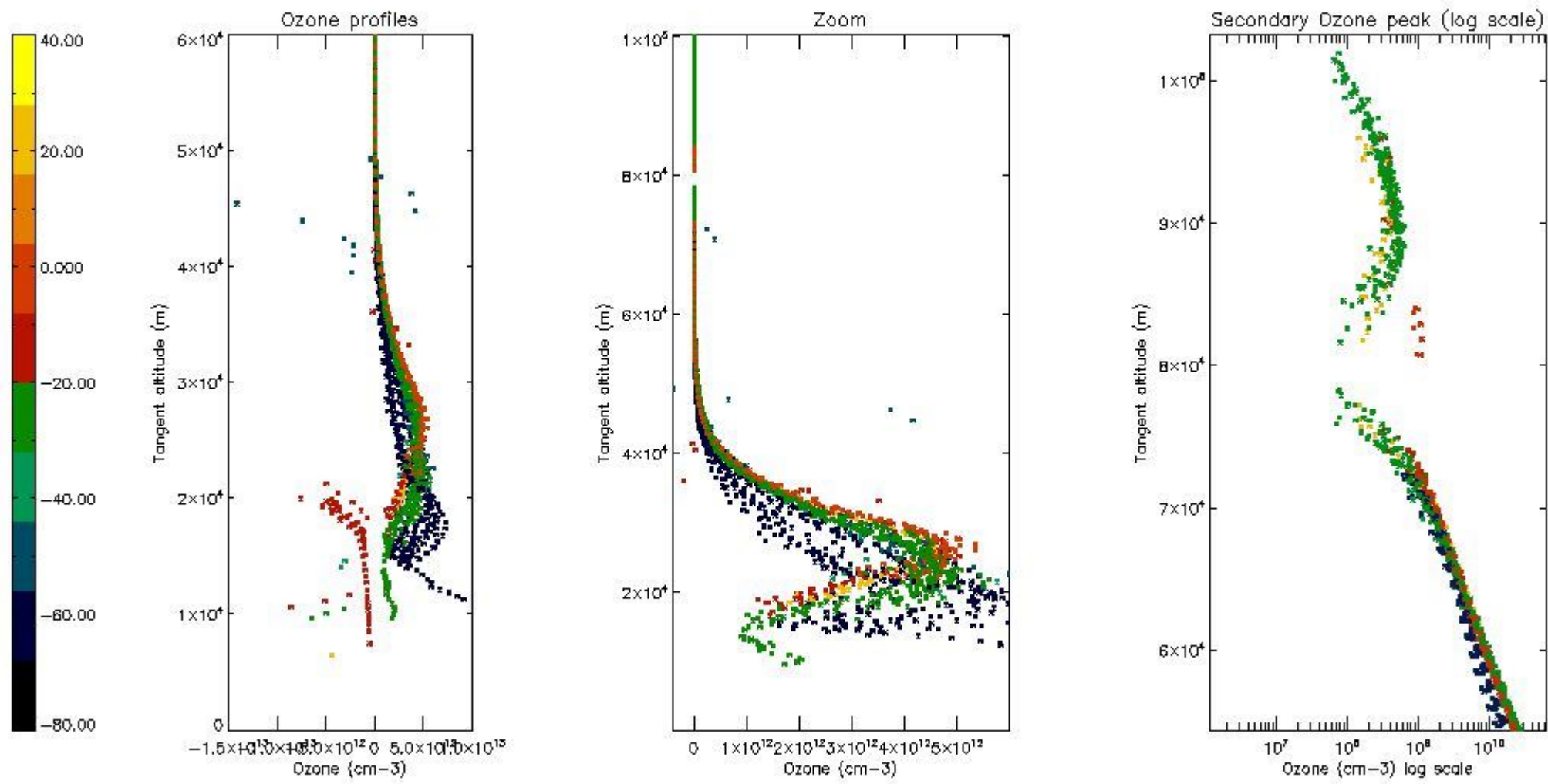
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



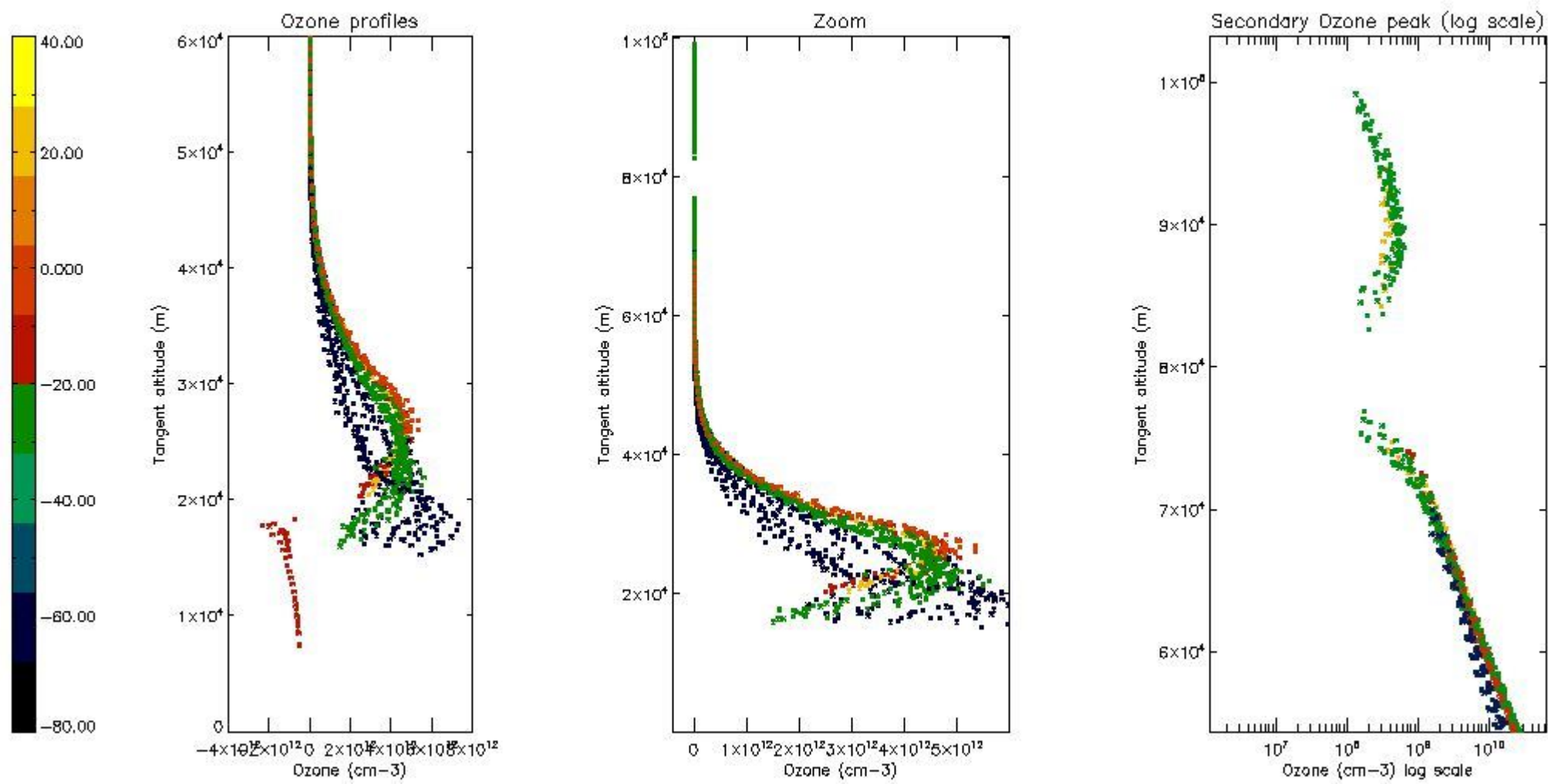
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



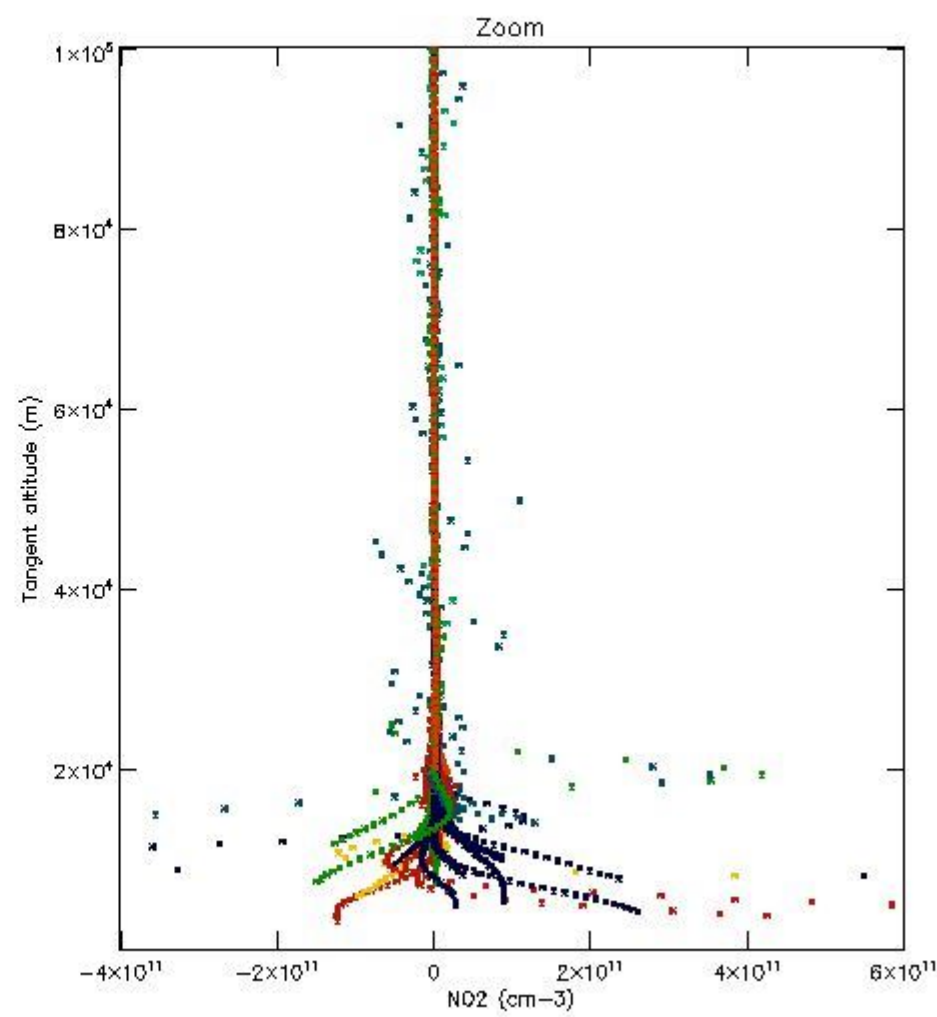
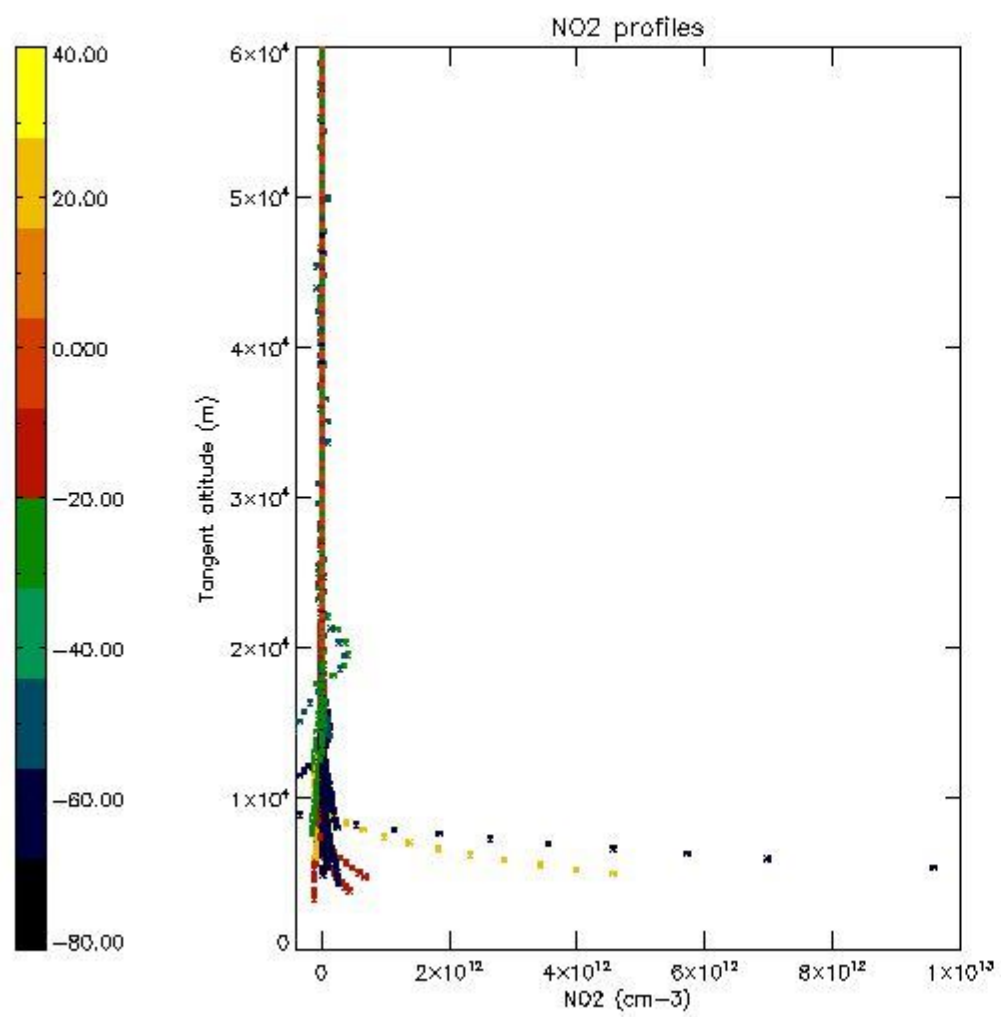
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



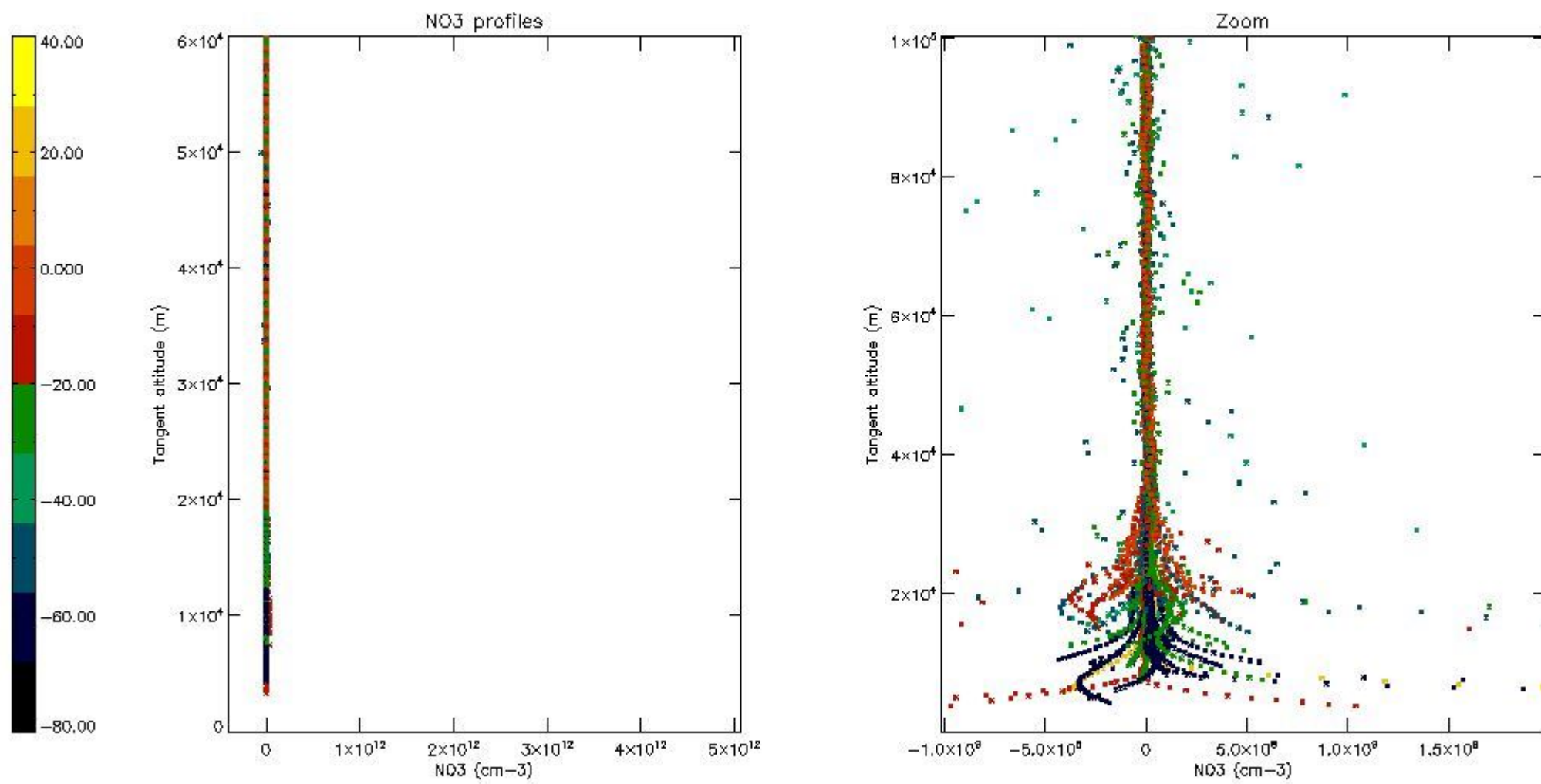
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



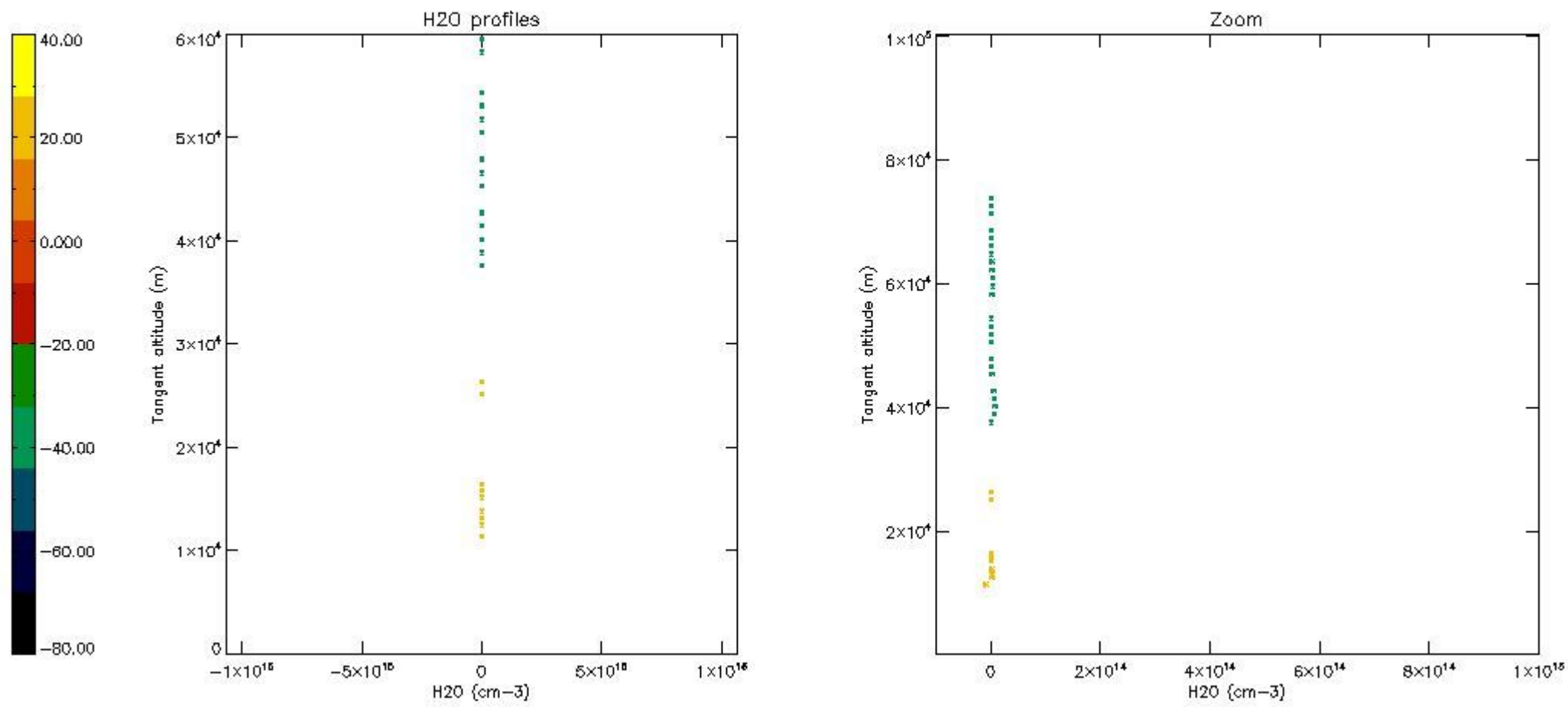
5.7 Plot NO3 profiles for all STD (dark without errors)

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	23-SEP-2010 00:10:00
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-SEP-2010 00:10:00
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-SEP-2010 00:10:00

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	29APR2013 15:23:50
Data source version	GOMOS/6.01
Start time of products	23-09-2010 (23SEP2010 00:00:00)
Stop time of products	24-09-2010 (24SEP2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	175
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__2PRFIN20100923_001000_000000462093_00131_44774_9380.N1	23-SEP-2010 00:10:00	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44774	No
2	GOM_NL__2PRFIN20100923_001535_000000422093_00131_44774_9381.N1	23-SEP-2010 00:15:35	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	44774	No
3	GOM_NL__2PRFIN20100923_002251_000000552093_00131_44774_9382.N1	23-SEP-2010 00:22:51	Twilight_and_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	44774	No
4	GOM_NL__2PRFIN20100923_003318_000000382093_00131_44774_9383.N1	23-SEP-2010 00:33:18	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	44774	No
5	GOM_NL__2PRFIN20100923_003704_000000382093_00131_44774_9384.N1	23-SEP-2010 00:37:04	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	44774	No
6	GOM_NL__2PRFIN20100923_003830_000000452093_00131_44774_9385.N1	23-SEP-2010 00:38:30	Bright	45.000	58	21Alp And	2.0730	11000.	90	44774	No
7	GOM_NL__2PRFIN20100923_004658_000000412093_00131_44774_9386.N1	23-SEP-2010 00:46:58	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	44774	No
8	GOM_NL__2PRFIN20100923_004834_000000402093_00131_44774_9387.N1	23-SEP-2010 00:48:34	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	44774	No
9	GOM_NL__2PRFIN20100923_011205_000000512093_00131_44774_9388.N1	23-SEP-2010 01:12:05	Bright	51.000	24	66Alp Gem	1.5800	10200.	102	44774	No
10	GOM_NL__2PRFIN20100923_012133_000000702093_00131_44774_9389.N1	23-SEP-2010 01:21:33	Dark	69.500	8	10Alp CMi	0.40000	6500.0	139	44774	No
11	GOM_NL__2PRFIN20100923_012853_000000452093_00131_44774_9390.N1	23-SEP-2010 01:28:53	Dark	44.500	132	15Rho Pup	2.8030	6900.0	89	44774	No
12	GOM_NL__2PRFIN20100923_013214_000000522093_00131_44774_9391.N1	23-SEP-2010 01:32:14	Dark	51.500	37	25Del CMa	1.8300	5900.0	103	44774	No
13	GOM_NL__2PRFIN20100923_013406_000000452093_00131_44774_9392.N1	23-SEP-2010 01:34:06	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	44774	No
14	GOM_NL__2PRFIN20100923_013913_000000572093_00132_44775_9391.N1	23-SEP-2010 01:39:13	Dark	56.500	2	Alp Car	-0.73600	7000.0	113	44775	No
15	GOM_NL__2PRFIN20100923_015037_000000442093_00132_44775_9392.N1	23-SEP-2010 01:50:37	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44775	No
16	GOM_NL__2PRFIN20100923_015611_000000442093_00132_44775_9393.N1	23-SEP-2010 01:56:11	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	44775	No
17	GOM_NL__2PRFIN20100923_020328_000000522093_00132_44775_9394.N1	23-SEP-2010 02:03:28	Twilight_and_stray	51.500	52	16Bet Cet	2.0370	4500.0	103	44775	No
18	GOM_NL__2PRFIN20100923_021354_000000382093_00132_44775_9395.N1	23-SEP-2010 02:13:54	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	44775	No
19	GOM_NL__2PRFIN20100923_021739_000000402093_00132_44775_9396.N1	23-SEP-2010 02:17:39	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	44775	No
20	GOM_NL__2PRFIN20100923_021906_000000442093_00132_44775_9397.N1	23-SEP-2010 02:19:06	Bright	43.500	58	21Alp And	2.0730	11000.	87	44775	No
21	GOM_NL__2PRFIN20100923_022734_000000382093_00132_44775_9398.N1	23-SEP-2010 02:27:34	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	44775	No
22	GOM_NL__2PRFIN20100923_022909_000000412093_00132_44775_9399.N1	23-SEP-2010 02:29:09	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	44775	No
23	GOM_NL__2PRFIN20100923_025241_000000682093_00132_44775_9400.N1	23-SEP-2010 02:52:41	Bright	68.000	24	66Alp Gem	1.5800	10200.	136	44775	No
24	GOM_NL__2PRFIN20100923_030210_000000602093_00132_44775_9401.N1	23-SEP-2010 03:02:10	Dark	60.000	8	10Alp CMi	0.40000	6500.0	120	44775	No
25	GOM_NL__2PRFIN20100923_030929_000000452093_00132_44775_9402.N1	23-SEP-2010 03:09:29	Dark	44.500	132	15Rho Pup	2.8030	6900.0	89	44775	No
26	GOM_NL__2PRFIN20100923_031251_000000492093_00132_44775_9403.N1	23-SEP-2010 03:12:51	Dark	49.000	37	25Del CMa	1.8300	5900.0	98	44775	No
27	GOM_NL__2PRFIN20100923_031442_000000492093_00132_44775_9404.N1	23-SEP-2010 03:14:42	Dark	49.000	117	Pi Pup	2.7060	3800.0	98	44775	No
28	GOM_NL__2PRFIN20100923_031949_000000482093_00133_44776_9401.N1	23-SEP-2010 03:19:49	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	44776	No
29	GOM_NL__2PRFIN20100923_033113_000000452093_00133_44776_9402.N1	23-SEP-2010 03:31:13	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44776	No
30	GOM_NL__2PRFIN20100923_033647_000000462093_00133_44776_9403.N1	23-SEP-2010 03:36:47	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	44776	No
31	GOM_NL__2PRFIN20100923_034404_000000542093_00133_44776_9404.N1	23-SEP-2010 03:44:04	Twilight_and_stray	54.000	52	16Bet Cet	2.0370	4500.0	108	44776	No
32	GOM_NL__2PRFIN20100923_035430_000000382093_00133_44776_9405.N1	23-SEP-2010 03:54:30	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	44776	No
33	GOM_NL__2PRFIN20100923_035815_000000372093_00133_44776_9406.N1	23-SEP-2010 03:58:15	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	44776	No
34	GOM_NL__2PRFIN20100923_035941_000000462093_00133_44776_9407.N1	23-SEP-2010 03:59:41	Bright	45.500	58	21Alp And	2.0730	11000.	91	44776	No
35	GOM_NL__2PRFIN20100923_040809_000000402093_00133_44776_9408.N1	23-SEP-2010 04:08:09	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	44776	No
36	GOM_NL__2PRFIN20100923_040945_000000422093_00133_44776_9409.N1	23-SEP-2010 04:09:45	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	44776	No
37	GOM_NL__2PRFIN20100923_043318_000000482093_00133_44776_9410.N1	23-SEP-2010 04:33:18	Bright	48.000	24	66Alp Gem	1.5800	10200.	96	44776	No
38	GOM_NL__2PRFIN20100923_044246_000000612093_00133_44776_9411.N1	23-SEP-2010 04:42:46	Dark	60.500	8	10Alp CMi	0.40000	6500.0	121	44776	No
39	GOM_NL__2PRFIN20100923_045006_000000452093_00133_44776_9412.N1	23-SEP-2010 04:50:06	Dark	45.000	132	15Rho Pup	2.8030	6900.0	90	44776	No
40	GOM_NL__2PRFIN20100923_045316_000000482093_00133_44776_9413.N1	23-SEP-2010 04:53:16	Dark	48.000	88	31Eta CMa	2.4480	20000.	96	44776	No
41	GOM_NL__2PRFIN20100923_045438_000000532093_00133_44776_9414.N1	23-SEP-2010 04:54:38	Dark	53.000	23	21Eps CMa	1.5020	26000.	106	44776	No
42	GOM_NL__2PRFIN20100923_045904_000000442093_00133_44776_9412.N1	23-SEP-2010 04:59:04	Dark	44.000	161	Tau Pup	2.9310	4500.0	88	44776	No

43	GOM_NL__2PRFIN20100923_050026_000000582093_00134_44777_9413.N1	23-SEP-2010 05:00:26	Dark	57.500	2	Alp Car	-0.73600	7000.0	115	44777	No
44	GOM_NL__2PRFIN20100923_051150_000000522093_00134_44777_9414.N1	23-SEP-2010 05:11:50	Dark	51.500	9	Alp Eri	0.45300	24000.	103	44777	No
45	GOM_NL__2PRFIN20100923_051723_000000472093_00134_44777_9415.N1	23-SEP-2010 05:17:23	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	44777	No
46	GOM_NL__2PRFIN20100923_052440_000000542093_00134_44777_9416.N1	23-SEP-2010 05:24:40	Tw_i_and_stray	54.000	52	16Bet Cet	2.0370	4500.0	108	44777	No
47	GOM_NL__2PRFIN20100923_053506_000000382093_00134_44777_9417.N1	23-SEP-2010 05:35:06	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	44777	No
48	GOM_NL__2PRFIN20100923_053851_000000412093_00134_44777_9418.N1	23-SEP-2010 05:38:51	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	44777	No
49	GOM_NL__2PRFIN20100923_054017_000000432093_00134_44777_9419.N1	23-SEP-2010 05:40:17	Bright	43.000	58	21Alp And	2.0730	11000.	86	44777	No
50	GOM_NL__2PRFIN20100923_054845_000000412093_00134_44777_9420.N1	23-SEP-2010 05:48:45	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44777	No
51	GOM_NL__2PRFIN20100923_055020_000000422093_00134_44777_9421.N1	23-SEP-2010 05:50:20	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	44777	No
52	GOM_NL__2PRFIN20100923_063940_000000422093_00134_44777_9756.N1	23-SEP-2010 06:39:40	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	44777	No
53	GOM_NL__2PRFIN20100923_064153_000000402093_00135_44778_9757.N1	23-SEP-2010 06:41:53	Dark	40.000	108	Alp Col	2.6520	15200.	80	44778	No
54	GOM_NL__2PRFIN20100923_065226_000000542093_00135_44778_9758.N1	23-SEP-2010 06:52:26	Dark	54.000	9	Alp Eri	0.45300	24000.	108	44778	No
55	GOM_NL__2PRFIN20100923_065800_000000462093_00135_44778_9759.N1	23-SEP-2010 06:58:00	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	44778	No
56	GOM_NL__2PRFIN20100923_070516_000000562093_00135_44778_9760.N1	23-SEP-2010 07:05:16	Tw_i_and_stray	55.500	52	16Bet Cet	2.0370	4500.0	111	44778	No
57	GOM_NL__2PRFIN20100923_071542_000000382093_00135_44778_9761.N1	23-SEP-2010 07:15:42	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	44778	No
58	GOM_NL__2PRFIN20100923_071927_000000382093_00135_44778_9762.N1	23-SEP-2010 07:19:27	Bright	37.500	93	53Bet Peg	2.5200	3100.0	75	44778	No
59	GOM_NL__2PRFIN20100923_072052_000000462093_00135_44778_9763.N1	23-SEP-2010 07:20:52	Bright	45.500	58	21Alp And	2.0730	11000.	91	44778	No
60	GOM_NL__2PRFIN20100923_072921_000000402093_00135_44778_9764.N1	23-SEP-2010 07:29:21	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	44778	No
61	GOM_NL__2PRFIN20100923_073056_000000412093_00135_44778_9765.N1	23-SEP-2010 07:30:56	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	44778	No
62	GOM_NL__2PRFIN20100923_075430_000000492093_00135_44778_9766.N1	23-SEP-2010 07:54:30	Bright	48.500	24	66Alp Gem	1.5800	10200.	97	44778	No
63	GOM_NL__2PRFIN20100923_080400_000000582093_00135_44778_9767.N1	23-SEP-2010 08:04:00	Dark	57.500	8	10Alp CMi	0.40000	6500.0	115	44778	No
64	GOM_NL__2PRFIN20100923_081119_000000432093_00135_44778_9768.N1	23-SEP-2010 08:11:19	Dark	43.000	132	15Rho Pup	2.8030	6900.0	86	44778	No
65	GOM_NL__2PRFIN20100923_081429_000000472093_00135_44778_9769.N1	23-SEP-2010 08:14:29	Dark	46.500	88	31Eta CMa	2.4480	20000.	93	44778	No
66	GOM_NL__2PRFIN20100923_081552_000000522093_00135_44778_9770.N1	23-SEP-2010 08:15:52	Dark	52.000	23	21Eps CMa	1.5020	26000.	104	44778	No
67	GOM_NL__2PRFIN20100923_082017_000000422093_00135_44778_9781.N1	23-SEP-2010 08:20:17	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	44778	No
68	GOM_NL__2PRFIN20100923_100216_000000552093_00137_44780_9786.N1	23-SEP-2010 10:02:16	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	44780	No
69	GOM_NL__2PRFIN20100923_101431_000000512093_00137_44780_9787.N1	23-SEP-2010 10:14:31	Straylight	51.000	157	The1Eri	2.9060	9300.0	102	44780	No
70	GOM_NL__2PRFIN20100923_101912_000000472093_00137_44780_9788.N1	23-SEP-2010 10:19:12	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	44780	No
71	GOM_NL__2PRFIN20100923_102628_000000512093_00137_44780_9789.N1	23-SEP-2010 10:26:28	Tw_i_and_stray	51.000	52	16Bet Cet	2.0370	4500.0	102	44780	No
72	GOM_NL__2PRFIN20100923_103654_000000382093_00137_44780_9790.N1	23-SEP-2010 10:36:54	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	44780	No
73	GOM_NL__2PRFIN20100923_104038_000000392093_00137_44780_9791.N1	23-SEP-2010 10:40:38	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	44780	No
74	GOM_NL__2PRFIN20100923_104203_000000452093_00137_44780_9792.N1	23-SEP-2010 10:42:03	Bright	44.500	58	21Alp And	2.0730	11000.	89	44780	No
75	GOM_NL__2PRFIN20100923_105032_000000382093_00137_44780_9793.N1	23-SEP-2010 10:50:32	Bright	37.500	74	11Bet Cas	2.2680	6600.0	75	44780	No
76	GOM_NL__2PRFIN20100923_105207_000000412093_00137_44780_9794.N1	23-SEP-2010 10:52:07	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	44780	No
77	GOM_NL__2PRFIN20100923_111542_000000492093_00137_44780_9795.N1	23-SEP-2010 11:15:42	Bright	49.000	24	66Alp Gem	1.5800	10200.	98	44780	No
78	GOM_NL__2PRFIN20100923_112513_000000602093_00137_44780_9796.N1	23-SEP-2010 11:25:13	Dark	60.000	8	10Alp CMi	0.40000	6500.0	120	44780	No
79	GOM_NL__2PRFIN20100923_113232_000000442093_00137_44780_9797.N1	23-SEP-2010 11:32:32	Dark	44.000	132	15Rho Pup	2.8030	6900.0	88	44780	No
80	GOM_NL__2PRFIN20100923_113523_000000702093_00137_44780_9798.N1	23-SEP-2010 11:35:23	Dark	69.500	1	9Alp CMa	-1.4400	11000.	139	44780	No
81	GOM_NL__2PRFIN20100923_113706_000000522093_00137_44780_9799.N1	23-SEP-2010 11:37:06	Dark	52.000	23	21Eps CMa	1.5020	26000.	104	44780	No
82	GOM_NL__2PRFIN20100923_114130_000000412093_00137_44780_9513.N1	23-SEP-2010 11:41:30	Dark	41.000	161	Tau Pup	2.9310	4500.0	82	44780	No
83	GOM_NL__2PRFIN20100923_114252_000000462093_00138_44781_9514.N1	23-SEP-2010 11:42:52	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	44781	No
84	GOM_NL__2PRFIN20100923_115508_000000532093_00138_44781_9515.N1	23-SEP-2010 11:55:08	Straylight	53.000	157	The1Eri	2.9060	9300.0	106	44781	No
85	GOM_NL__2PRFIN20100923_115948_000000462093_00138_44781_9516.N1	23-SEP-2010 11:59:48	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	44781	No
86	GOM_NL__2PRFIN20100923_120704_000000492093_00138_44781_9517.N1	23-SEP-2010 12:07:04	Tw_i_and_stray	48.500	52	16Bet Cet	2.0370	4500.0	97	44781	No
87	GOM_NL__2PRFIN20100923_121730_000000372093_00138_44781_9518.N1	23-SEP-2010 12:17:30	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	44781	No
88	GOM_NL__2PRFIN20100923_122114_000000372093_00138_44781_9519.N1	23-SEP-2010 12:21:14	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	44781	No
89	GOM_NL__2PRFIN20100923_122239_000000442093_00138_44781_9520.N1	23-SEP-2010 12:22:39	Bright	43.500	58	21Alp And	2.0730	11000.	87	44781	No
90	GOM_NL__2PRFIN20100923_123107_000000412093_00138_44781_9521.N1	23-SEP-2010 12:31:07	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44781	No
91	GOM_NL__2PRFIN20100923_123242_000000422093_00138_44781_9522.N1	23-SEP-2010 12:32:42	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	44781	No
92	GOM_NL__2PRFIN20100923_125618_000000492093_00138_44781_9523.N1	23-SEP-2010 12:56:18	Bright	48.500	24	66Alp Gem	1.5800	10200.	97	44781	No
93	GOM_NL__2PRFIN20100923_130550_000000602093_00138_44781_9524.N1	23-SEP-2010 13:05:50	Dark	59.500	8	10Alp CMi	0.40000	6500.0	119	44781	No
94	GOM_NL__2PRFIN20100923_131309_000000432093_00138_44781_9525.N1	23-SEP-2010 13:13:09	Dark	43.000	132	15Rho Pup	2.8030	6900.0	86	44781	No
95	GOM_NL__2PRFIN20100923_131600_000000732093_00138_44781_9526.N1	23-SEP-2010 13:16:00	Dark	73.000	1	9Alp CMa	-1.4400	11000.	146	44781	No
96	GOM_NL__2PRFIN20100923_131742_000000482093_00138_44781_9527.N1	23-SEP-2010 13:17:42	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	44781	No
97	GOM_NL__2PRFIN20100923_132206_000000412093_00138_44781_9562.N1	23-SEP-2010 13:22:06	Dark	41.000	161	Tau Pup	2.9310	4500.0	82	44781	No
98	GOM_NL__2PRFIN20100923_132422_000000542093_00139_44782_9563.N1	23-SEP-2010 13:24:22	Dark	53.500	108	Alp Col	2.6520	15200.	107	44782	No
99	GOM_NL__2PRFIN20100923_133544_000000532093_00139_44782_9564.N1	23-SEP-2010 13:35:44	Straylight	53.000	157	The1Eri	2.9060	9300.0	106	44782	No
100	GOM_NL__2PRFIN20100923_134025_000000462093_00139_44782_9565.N1	23-SEP-2010 13:40:25	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	44782	No
101	GOM_NL__2PRFIN20100923_152816_000000542093_00140_44783_9596.N1	23-SEP-2010 15:28:16	Tw_i_and_stray	54.000	52	16Bet Cet	2.0370	4500.0	108	44783	No

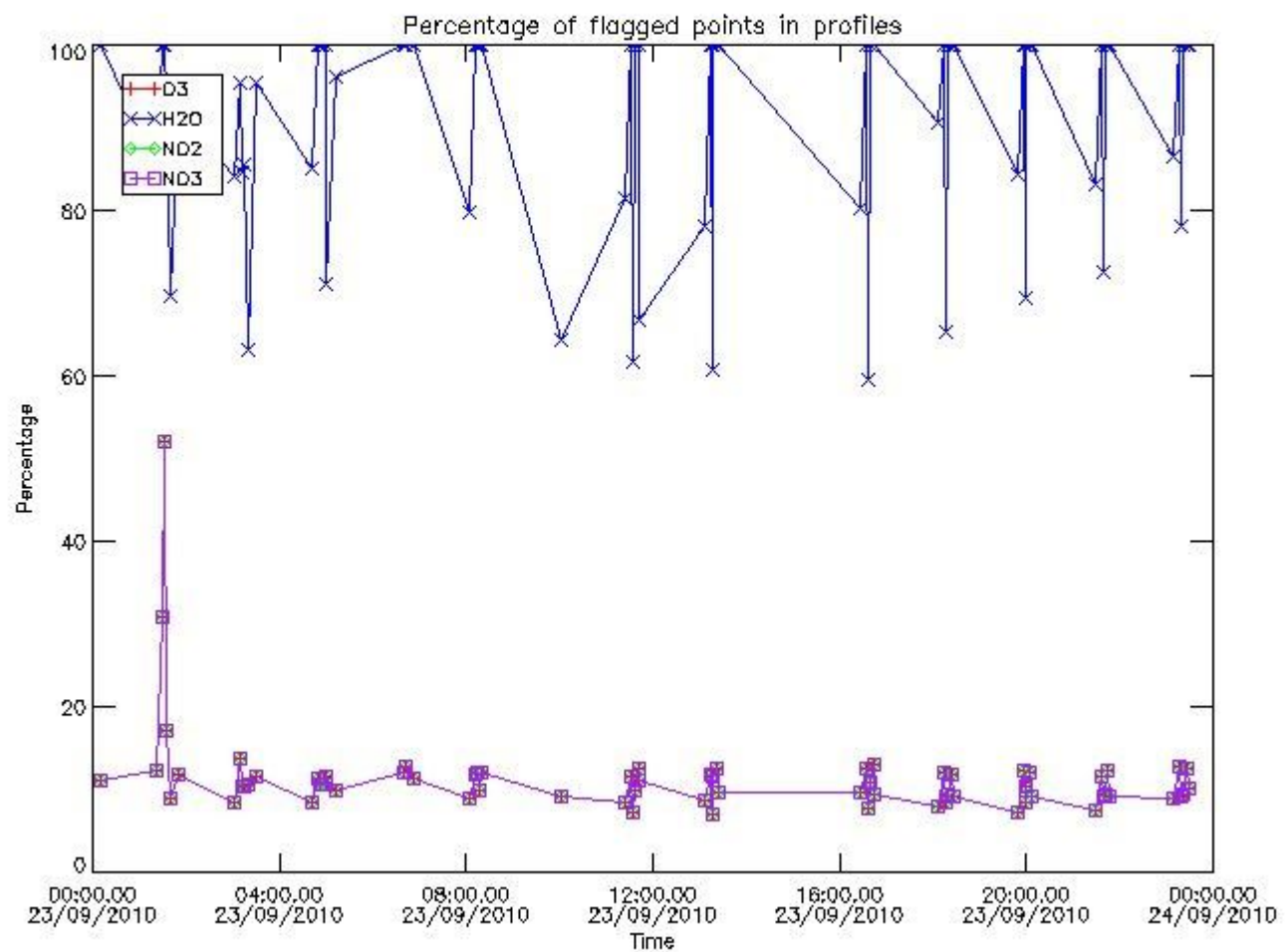
102	GOM_NL__2PRFIN20100923_153841_000000392093_00140_44783_9597.N1	23-SEP-2010 15:38:41	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	44783	No
103	GOM_NL__2PRFIN20100923_154226_000000402093_00140_44783_9598.N1	23-SEP-2010 15:42:26	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	44783	No
104	GOM_NL__2PRFIN20100923_154349_000000432093_00140_44783_9599.N1	23-SEP-2010 15:43:49	Bright	43.000	58	21Alp And	2.0730	11000.	86	44783	No
105	GOM_NL__2PRFIN20100923_155218_000000382093_00140_44783_9600.N1	23-SEP-2010 15:52:18	Bright	37.500	74	11Bet Cas	2.2680	6600.0	75	44783	No
106	GOM_NL__2PRFIN20100923_155353_000000422093_00140_44783_9601.N1	23-SEP-2010 15:53:53	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	44783	No
107	GOM_NL__2PRFIN20100923_161730_000000482093_00140_44783_9602.N1	23-SEP-2010 16:17:30	Bright	47.500	24	66Alp Gem	1.5800	10200.	95	44783	No
108	GOM_NL__2PRFIN20100923_162703_000000692093_00140_44783_9603.N1	23-SEP-2010 16:27:03	Dark	69.000	8	10Alp CMi	0.40000	6500.0	138	44783	No
109	GOM_NL__2PRFIN20100923_163422_000000412093_00140_44783_9604.N1	23-SEP-2010 16:34:22	Dark	40.500	132	15Rho Pup	2.8030	6900.0	81	44783	No
110	GOM_NL__2PRFIN20100923_163715_000000672093_00140_44783_9605.N1	23-SEP-2010 16:37:15	Dark	67.000	1	9Alp CMa	-1.4400	11000.	134	44783	No
111	GOM_NL__2PRFIN20100923_163856_000000472093_00140_44783_9606.N1	23-SEP-2010 16:38:56	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	44783	No
112	GOM_NL__2PRFIN20100923_164320_000000432093_00141_44784_9627.N1	23-SEP-2010 16:43:20	Dark	43.000	161	Tau Pup	2.9310	4500.0	86	44784	No
113	GOM_NL__2PRFIN20100923_164537_000000542093_00141_44784_9628.N1	23-SEP-2010 16:45:37	Dark	54.000	108	Alp Col	2.6520	15200.	108	44784	No
114	GOM_NL__2PRFIN20100923_165658_000000522093_00141_44784_9629.N1	23-SEP-2010 16:56:58	Straylight	51.500	157	The1Eri	2.9060	9300.0	103	44784	No
115	GOM_NL__2PRFIN20100923_170137_000000452093_00141_44784_9630.N1	23-SEP-2010 17:01:37	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	44784	No
116	GOM_NL__2PRFIN20100923_170852_000000552093_00141_44784_9631.N1	23-SEP-2010 17:08:52	Tw_i_and_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	44784	No
117	GOM_NL__2PRFIN20100923_171917_000000382093_00141_44784_9632.N1	23-SEP-2010 17:19:17	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	44784	No
118	GOM_NL__2PRFIN20100923_172301_000000412093_00141_44784_9633.N1	23-SEP-2010 17:23:01	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	44784	No
119	GOM_NL__2PRFIN20100923_172425_000000432093_00141_44784_9634.N1	23-SEP-2010 17:24:25	Bright	43.000	58	21Alp And	2.0730	11000.	86	44784	No
120	GOM_NL__2PRFIN20100923_173254_000000412093_00141_44784_9635.N1	23-SEP-2010 17:32:54	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44784	No
121	GOM_NL__2PRFIN20100923_173429_000000412093_00141_44784_9636.N1	23-SEP-2010 17:34:29	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	44784	No
122	GOM_NL__2PRFIN20100923_175806_000000502093_00141_44784_9637.N1	23-SEP-2010 17:58:06	Bright	49.500	24	66Alp Gem	1.5800	10200.	99	44784	No
123	GOM_NL__2PRFIN20100923_180740_000000642093_00141_44784_9638.N1	23-SEP-2010 18:07:40	Dark	63.500	8	10Alp CMi	0.40000	6500.0	127	44784	No
124	GOM_NL__2PRFIN20100923_181458_000000422093_00141_44784_9639.N1	23-SEP-2010 18:14:58	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	44784	No
125	GOM_NL__2PRFIN20100923_181752_000000612093_00141_44784_9640.N1	23-SEP-2010 18:17:52	Dark	61.000	1	9Alp CMa	-1.4400	11000.	122	44784	No
126	GOM_NL__2PRFIN20100923_181933_000000542093_00141_44784_9641.N1	23-SEP-2010 18:19:33	Dark	54.000	23	21Eps CMa	1.5020	26000.	108	44784	No
127	GOM_NL__2PRFIN20100923_182356_000000432093_00142_44785_9655.N1	23-SEP-2010 18:23:56	Dark	43.000	161	Tau Pup	2.9310	4500.0	86	44785	No
128	GOM_NL__2PRFIN20100923_182614_000000562093_00142_44785_9656.N1	23-SEP-2010 18:26:14	Dark	55.500	108	Alp Col	2.6520	15200.	111	44785	No
129	GOM_NL__2PRFIN20100923_183735_000000512093_00142_44785_9657.N1	23-SEP-2010 18:37:35	Straylight	51.000	157	The1Eri	2.9060	9300.0	102	44785	No
130	GOM_NL__2PRFIN20100923_184214_000000462093_00142_44785_9658.N1	23-SEP-2010 18:42:14	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	44785	No
131	GOM_NL__2PRFIN20100923_184928_000000542093_00142_44785_9659.N1	23-SEP-2010 18:49:28	Tw_i_and_stray	53.500	52	16Bet Cet	2.0370	4500.0	107	44785	No
132	GOM_NL__2PRFIN20100923_185953_000000382093_00142_44785_9660.N1	23-SEP-2010 18:59:53	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	44785	No
133	GOM_NL__2PRFIN20100923_190337_000000382093_00142_44785_9661.N1	23-SEP-2010 19:03:37	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	44785	No
134	GOM_NL__2PRFIN20100923_190500_000000422093_00142_44785_9662.N1	23-SEP-2010 19:05:00	Bright	42.000	58	21Alp And	2.0730	11000.	84	44785	No
135	GOM_NL__2PRFIN20100923_191330_000000422093_00142_44785_9663.N1	23-SEP-2010 19:13:30	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	44785	No
136	GOM_NL__2PRFIN20100923_191504_000000422093_00142_44785_9664.N1	23-SEP-2010 19:15:04	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	44785	No
137	GOM_NL__2PRFIN20100923_193842_000000492093_00142_44785_9665.N1	23-SEP-2010 19:38:42	Bright	48.500	24	66Alp Gem	1.5800	10200.	97	44785	No
138	GOM_NL__2PRFIN20100923_194816_000000712093_00142_44785_9666.N1	23-SEP-2010 19:48:16	Dark	71.000	8	10Alp CMi	0.40000	6500.0	142	44785	No
139	GOM_NL__2PRFIN20100923_195535_000000422093_00142_44785_9667.N1	23-SEP-2010 19:55:35	Dark	41.500	132	15Rho Pup	2.8030	6900.0	83	44785	No
140	GOM_NL__2PRFIN20100923_195829_000000612093_00142_44785_9668.N1	23-SEP-2010 19:58:29	Dark	61.000	1	9Alp CMa	-1.4400	11000.	122	44785	No
141	GOM_NL__2PRFIN20100923_200010_000000492093_00142_44785_9669.N1	23-SEP-2010 20:00:10	Dark	49.000	23	21Eps CMa	1.5020	26000.	98	44785	No
142	GOM_NL__2PRFIN20100923_200433_000000512093_00143_44786_9679.N1	23-SEP-2010 20:04:33	Dark	51.000	161	Tau Pup	2.9310	4500.0	102	44786	No
143	GOM_NL__2PRFIN20100923_200651_000000562093_00143_44786_9680.N1	23-SEP-2010 20:06:51	Dark	55.500	108	Alp Col	2.6520	15200.	111	44786	No
144	GOM_NL__2PRFIN20100923_201812_000000512093_00143_44786_9681.N1	23-SEP-2010 20:18:12	Straylight	51.000	157	The1Eri	2.9060	9300.0	102	44786	No
145	GOM_NL__2PRFIN20100923_202250_000000442093_00143_44786_9682.N1	23-SEP-2010 20:22:50	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	44786	No
146	GOM_NL__2PRFIN20100923_203004_000000622093_00143_44786_9683.N1	23-SEP-2010 20:30:04	Tw_i_and_stray	62.000	52	16Bet Cet	2.0370	4500.0	124	44786	No
147	GOM_NL__2PRFIN20100923_204029_000000382093_00143_44786_9684.N1	23-SEP-2010 20:40:29	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	44786	No
148	GOM_NL__2PRFIN20100923_204413_000000412093_00143_44786_9685.N1	23-SEP-2010 20:44:13	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	44786	No
149	GOM_NL__2PRFIN20100923_204536_000000452093_00143_44786_9686.N1	23-SEP-2010 20:45:36	Bright	45.000	58	21Alp And	2.0730	11000.	90	44786	No
150	GOM_NL__2PRFIN20100923_205405_000000402093_00143_44786_9687.N1	23-SEP-2010 20:54:05	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	44786	No
151	GOM_NL__2PRFIN20100923_205539_000000442093_00143_44786_9688.N1	23-SEP-2010 20:55:39	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	44786	No
152	GOM_NL__2PRFIN20100923_211918_000000502093_00143_44786_9689.N1	23-SEP-2010 21:19:18	Bright	50.000	24	66Alp Gem	1.5800	10200.	100	44786	No
153	GOM_NL__2PRFIN20100923_212853_000000692093_00143_44786_9690.N1	23-SEP-2010 21:28:53	Dark	68.500	8	10Alp CMi	0.40000	6500.0	137	44786	No
154	GOM_NL__2PRFIN20100923_213612_000000442093_00143_44786_9691.N1	23-SEP-2010 21:36:12	Dark	44.000	132	15Rho Pup	2.8030	6900.0	88	44786	No
155	GOM_NL__2PRFIN20100923_213907_000000552093_00143_44786_9692.N1	23-SEP-2010 21:39:07	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	44786	No
156	GOM_NL__2PRFIN20100923_214048_000000602093_00143_44786_9693.N1	23-SEP-2010 21:40:48	Dark	59.500	23	21Eps CMa	1.5020	26000.	119	44786	No
157	GOM_NL__2PRFIN20100923_214509_000000422093_00144_44787_9758.N1	23-SEP-2010 21:45:09	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	44787	No
158	GOM_NL__2PRFIN20100923_214729_000000562093_00144_44787_9759.N1	23-SEP-2010 21:47:29	Dark	56.000	108	Alp Col	2.6520	15200.	112	44787	No
159	GOM_NL__2PRFIN20100923_215849_000000522093_00144_44787_9760.N1	23-SEP-2010 21:58:49	Straylight	51.500	157	The1Eri	2.9060	9300.0	103	44787	No
160	GOM_NL__2PRFIN20100923_220326_000000462093_00144_44787_9761.N1	23-SEP-2010 22:03:26	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	44787	No

161	GOM_NL__2PRFIN20100923_221040_000000552093_00144_44787_9762.N1	23-SEP-2010 22:10:40	Twilight_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	44787	No
162	GOM_NL__2PRFIN20100923_222105_000000392093_00144_44787_9763.N1	23-SEP-2010 22:21:05	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	44787	No
163	GOM_NL__2PRFIN20100923_222449_000000392093_00144_44787_9764.N1	23-SEP-2010 22:24:49	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	44787	No
164	GOM_NL__2PRFIN20100923_222611_000000452093_00144_44787_9765.N1	23-SEP-2010 22:26:11	Bright	44.500	58	21Alp And	2.0730	11000.	89	44787	No
165	GOM_NL__2PRFIN20100923_223440_000000422093_00144_44787_9766.N1	23-SEP-2010 22:34:40	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	44787	No
166	GOM_NL__2PRFIN20100923_223615_000000422093_00144_44787_9767.N1	23-SEP-2010 22:36:15	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	44787	No
167	GOM_NL__2PRFIN20100923_225954_000000522093_00144_44787_9768.N1	23-SEP-2010 22:59:54	Bright	51.500	24	66Alp Gem	1.5800	10200.	103	44787	No
168	GOM_NL__2PRFIN20100923_230929_000000632093_00144_44787_9769.N1	23-SEP-2010 23:09:29	Dark	62.500	8	10Alp CMi	0.40000	6500.0	125	44787	No
169	GOM_NL__2PRFIN20100923_231648_000000442093_00144_44787_9770.N1	23-SEP-2010 23:16:48	Dark	44.000	132	15Rho Pup	2.8030	6900.0	88	44787	No
170	GOM_NL__2PRFIN20100923_231944_000000552093_00144_44787_9771.N1	23-SEP-2010 23:19:44	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	44787	No
171	GOM_NL__2PRFIN20100923_232124_000000542093_00144_44787_9772.N1	23-SEP-2010 23:21:24	Dark	54.000	23	21Eps CMa	1.5020	26000.	108	44787	No
172	GOM_NL__2PRFIN20100923_232546_000000412093_00145_44788_9798.N1	23-SEP-2010 23:25:46	Dark	40.500	161	Tau Pup	2.9310	4500.0	81	44788	No
173	GOM_NL__2PRFIN20100923_232806_000000552093_00145_44788_9799.N1	23-SEP-2010 23:28:06	Dark	55.000	108	Alp Col	2.6520	15200.	110	44788	No
174	GOM_NL__2PRFIN20100923_233925_000000522093_00145_44788_9800.N1	23-SEP-2010 23:39:25	Straylight	52.000	157	The1Eri	2.9060	9300.0	104	44788	No
175	GOM_NL__2PRFIN20100923_235116_000000572093_00145_44788_9801.N1	23-SEP-2010 23:51:16	Twilight_stray	57.000	52	16Bet Cet	2.0370	4500.0	114	44788	No

3. Quality information per product

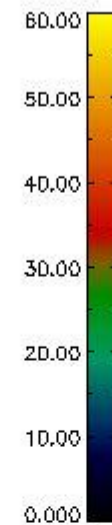
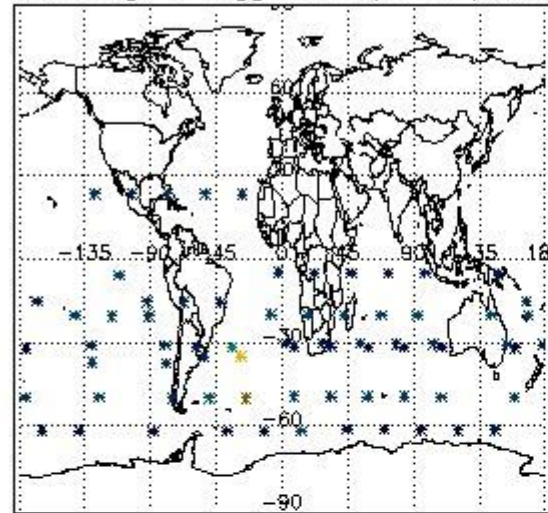
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

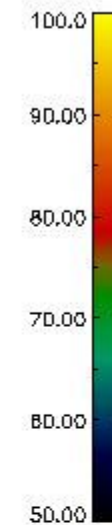
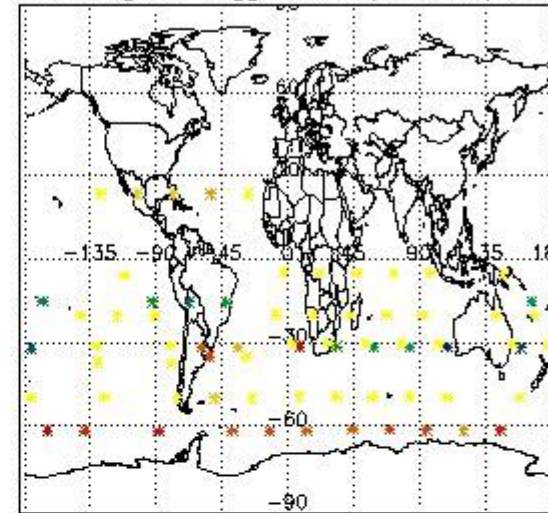


3.2 Plot quality information per product (world map)

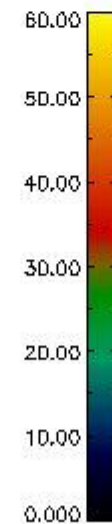
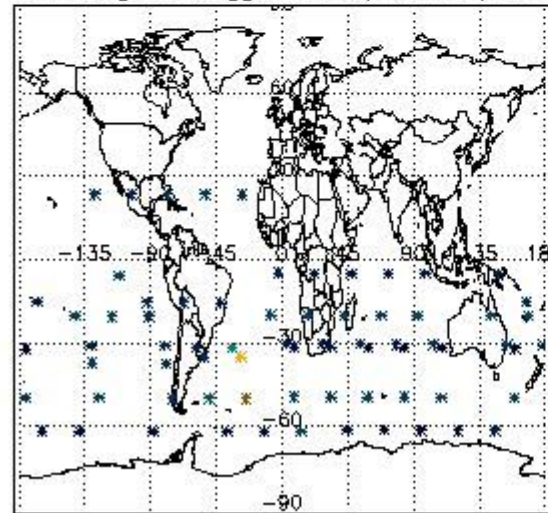
Percentage of flagged data per O3 profile



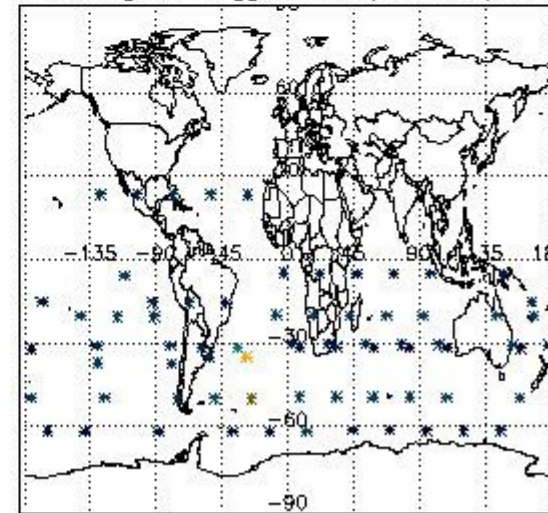
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

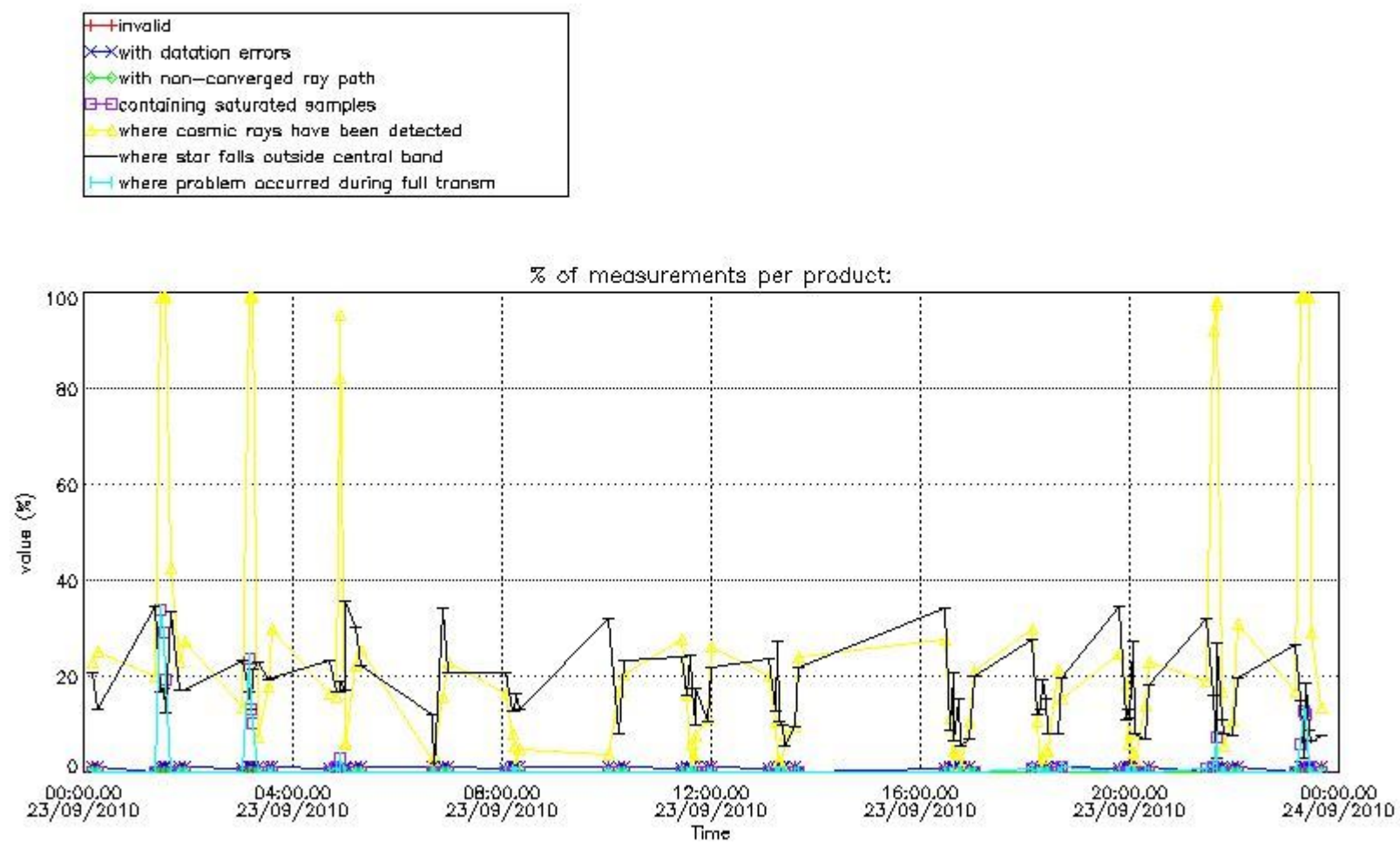


4. Level 1 quality information per product

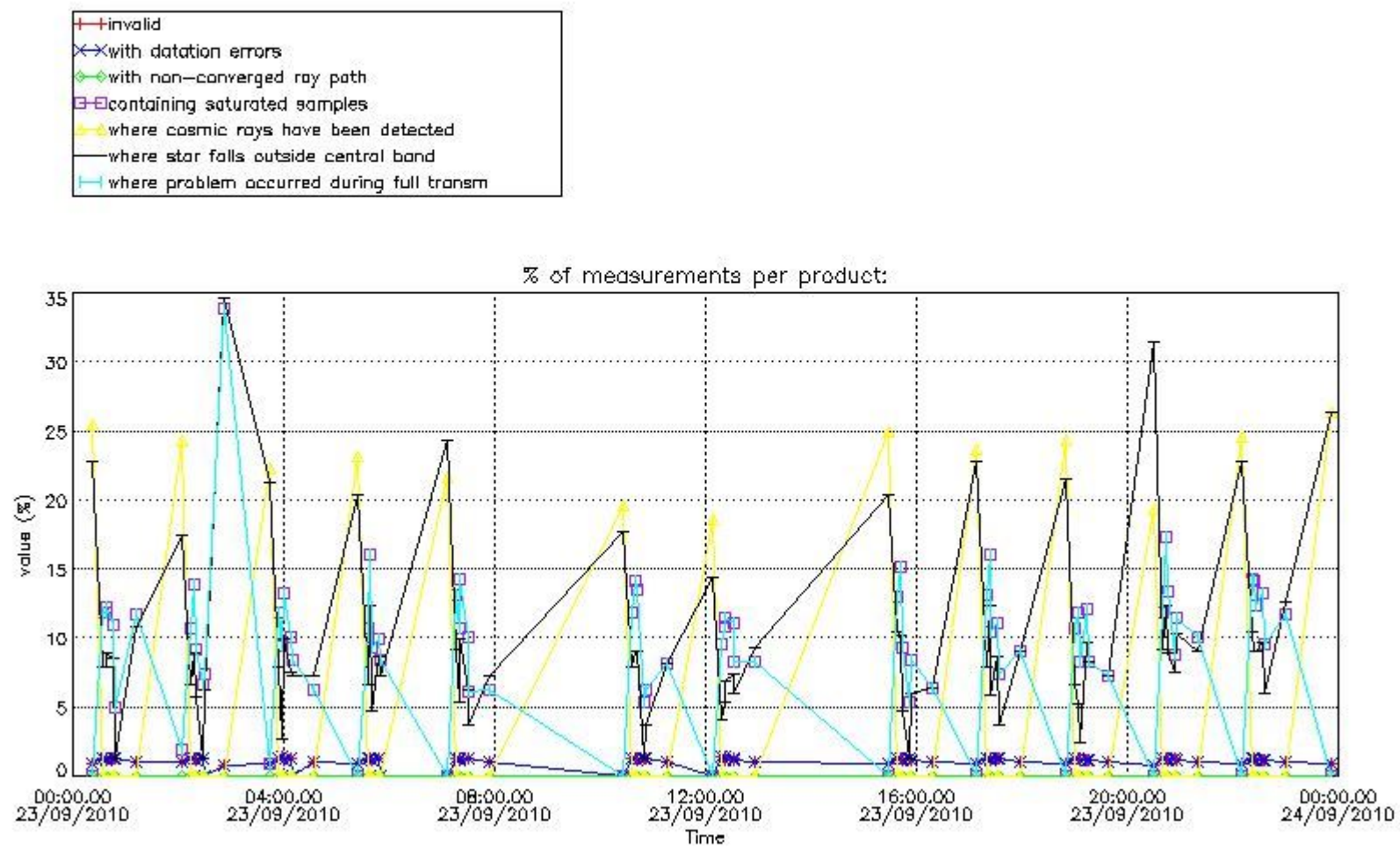
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



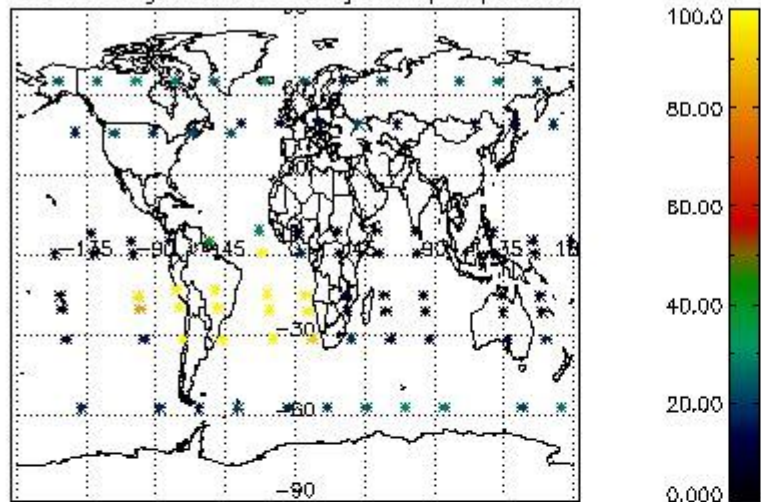
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



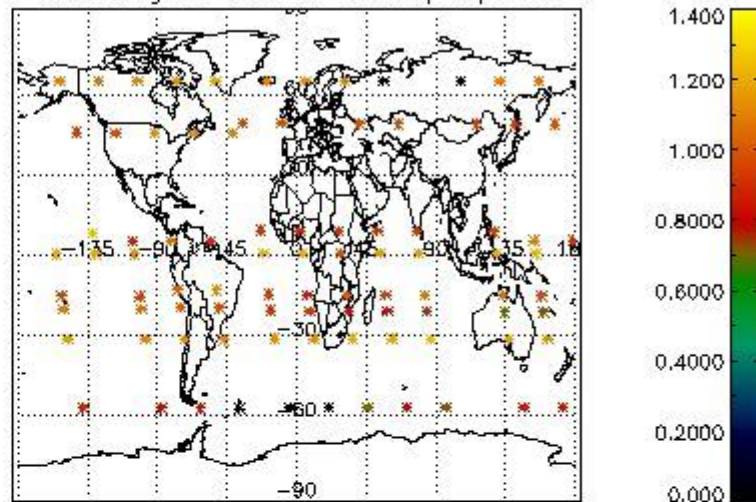
4.2 Plot quality information per product coming from level 1b processing (world map)

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

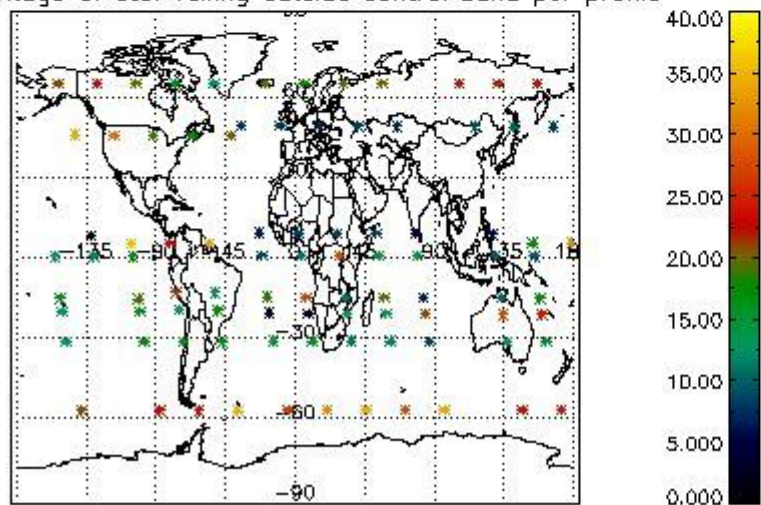
Percentage of cosmic ray hits per profile



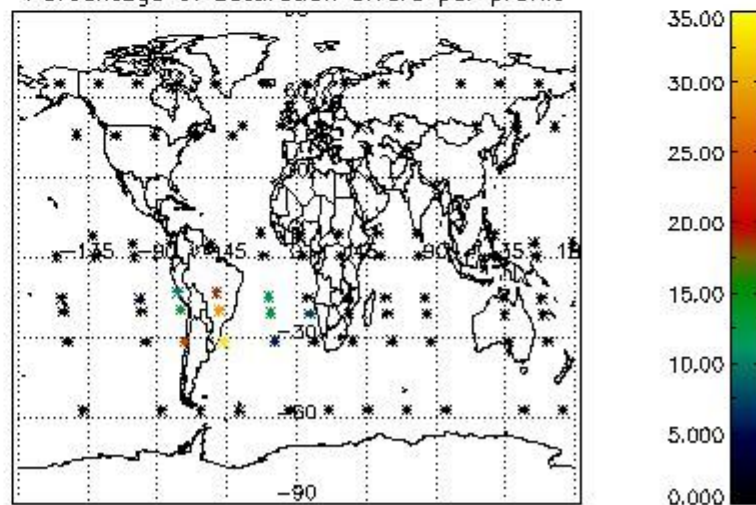
Percentage of datation errors per profile



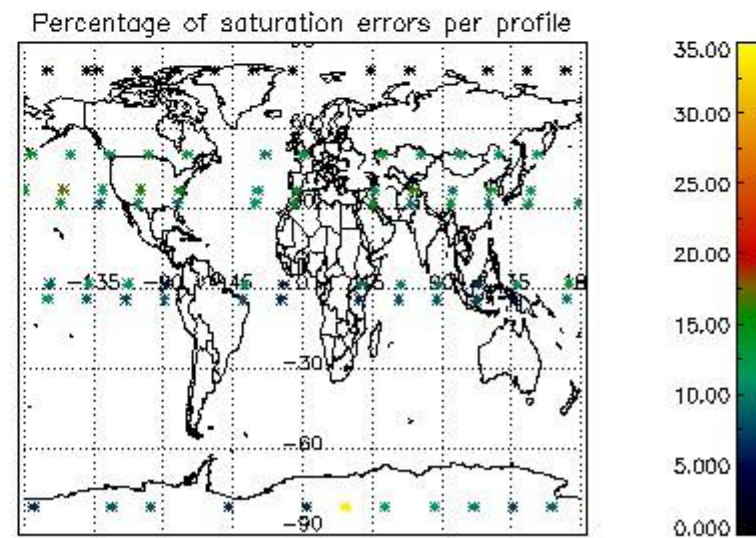
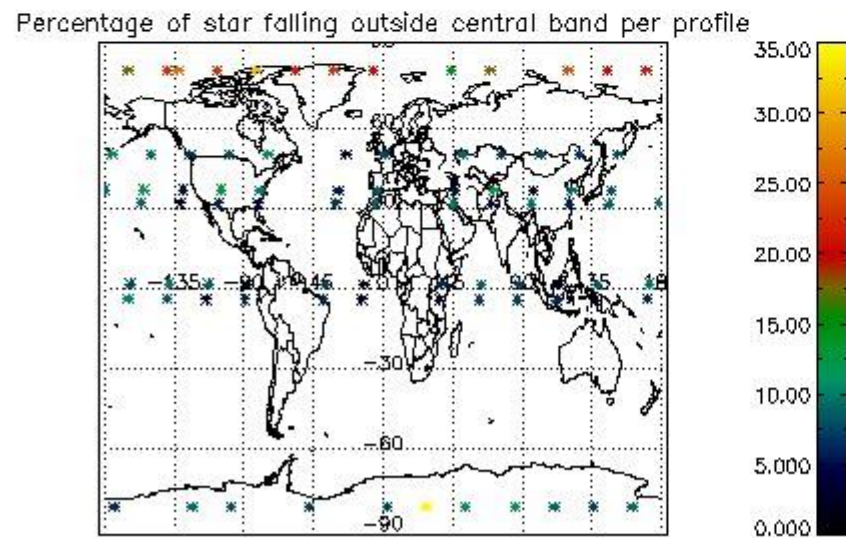
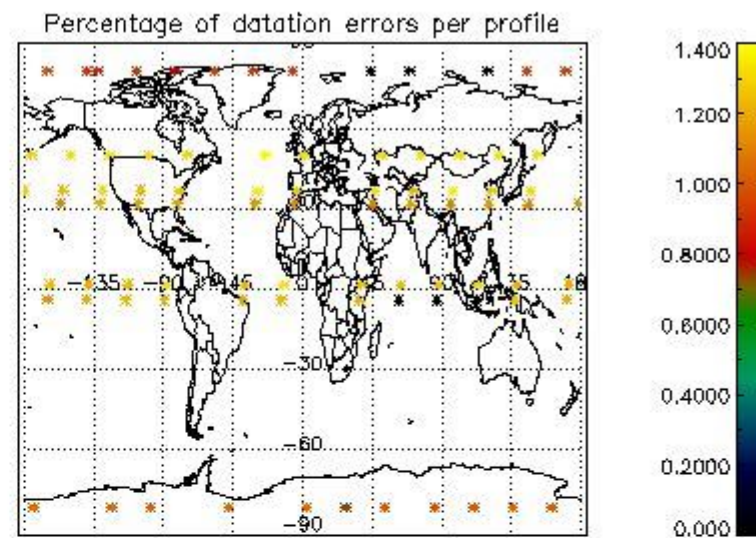
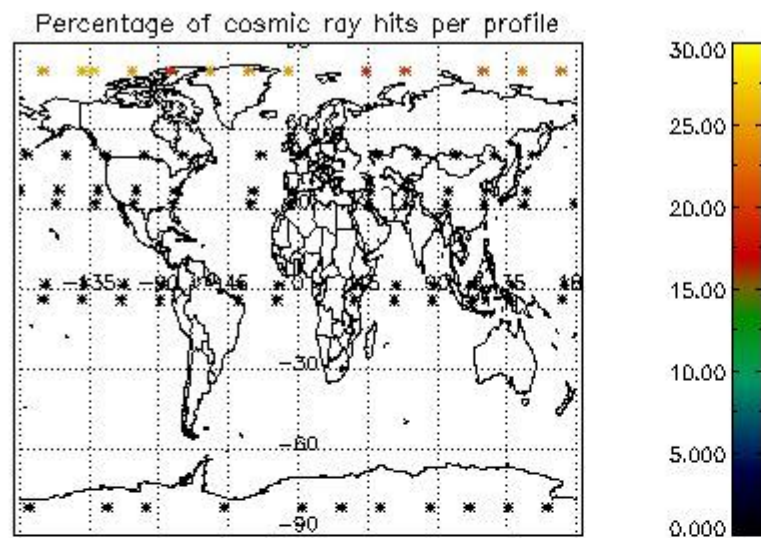
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

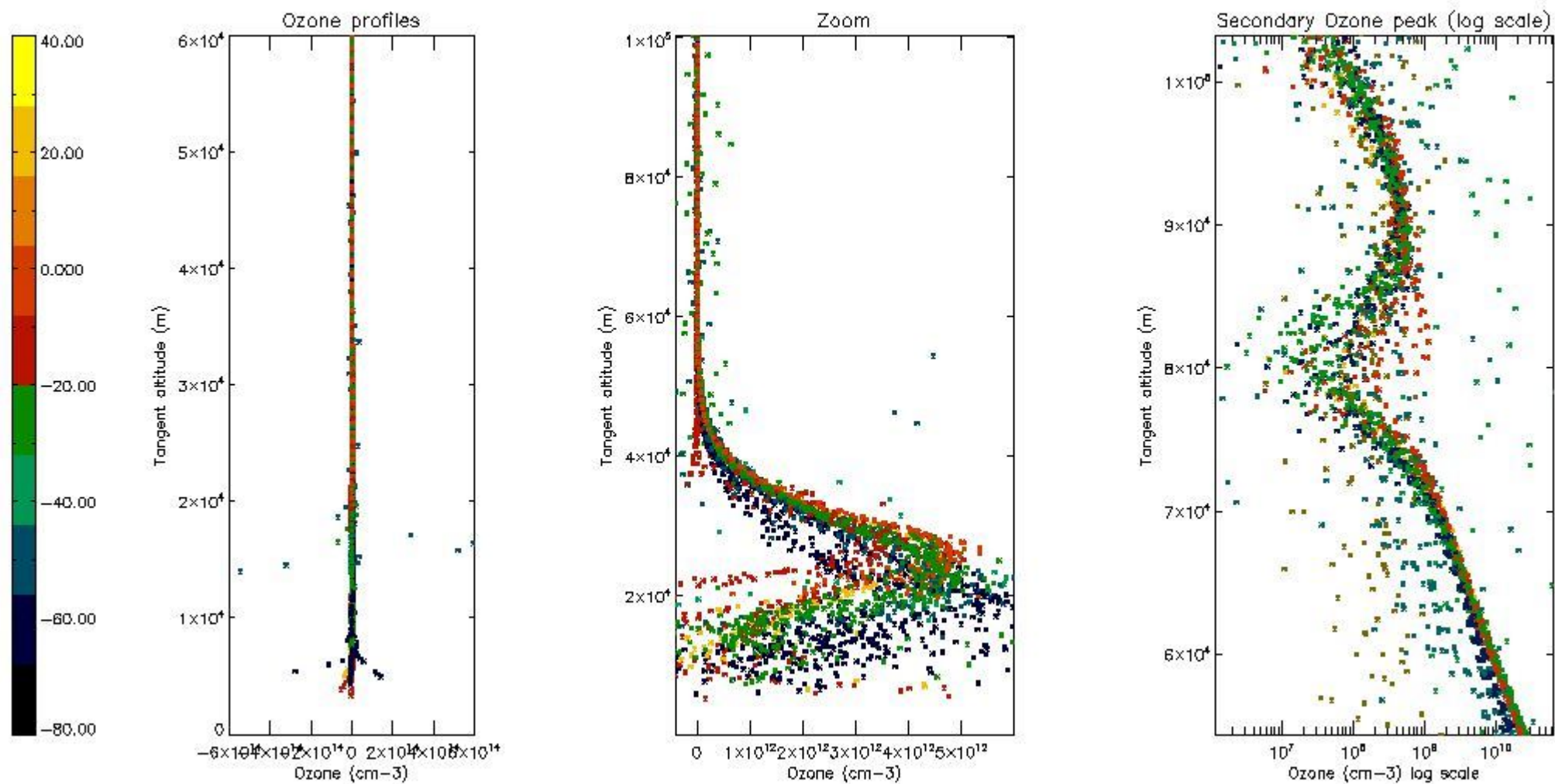
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	45
STD < 20	25

STD < 10	19
STD < 5	16

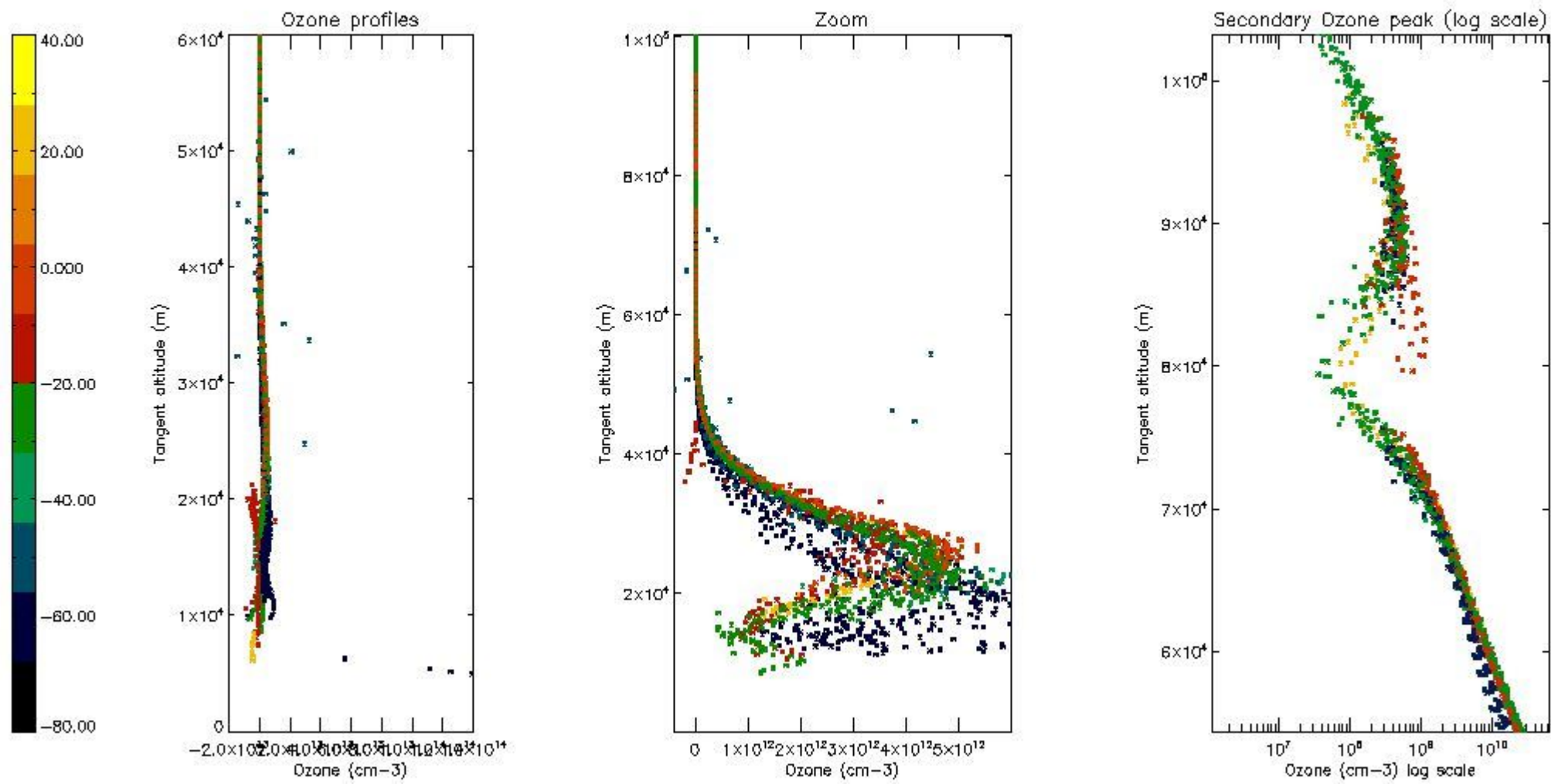
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



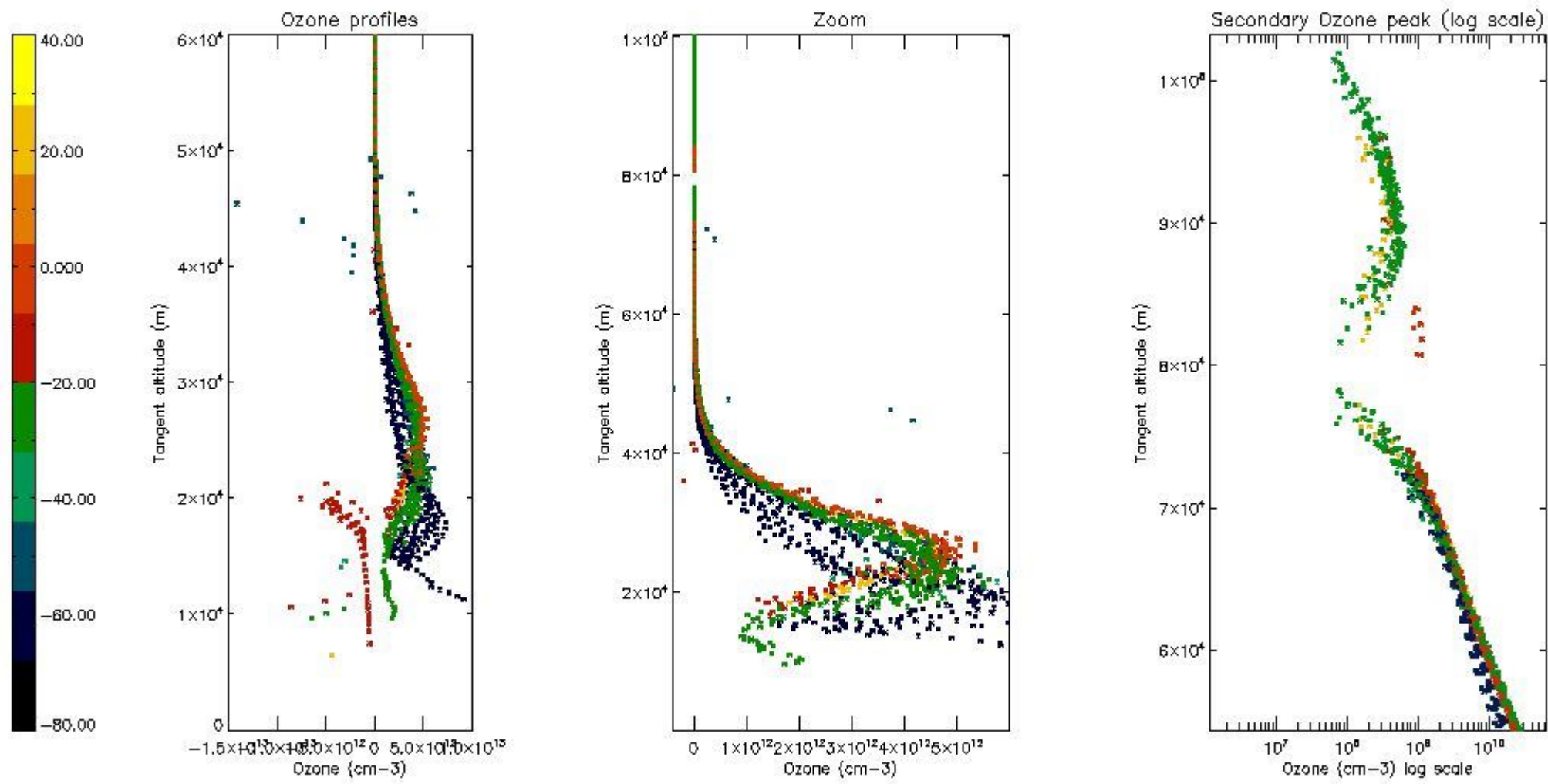
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



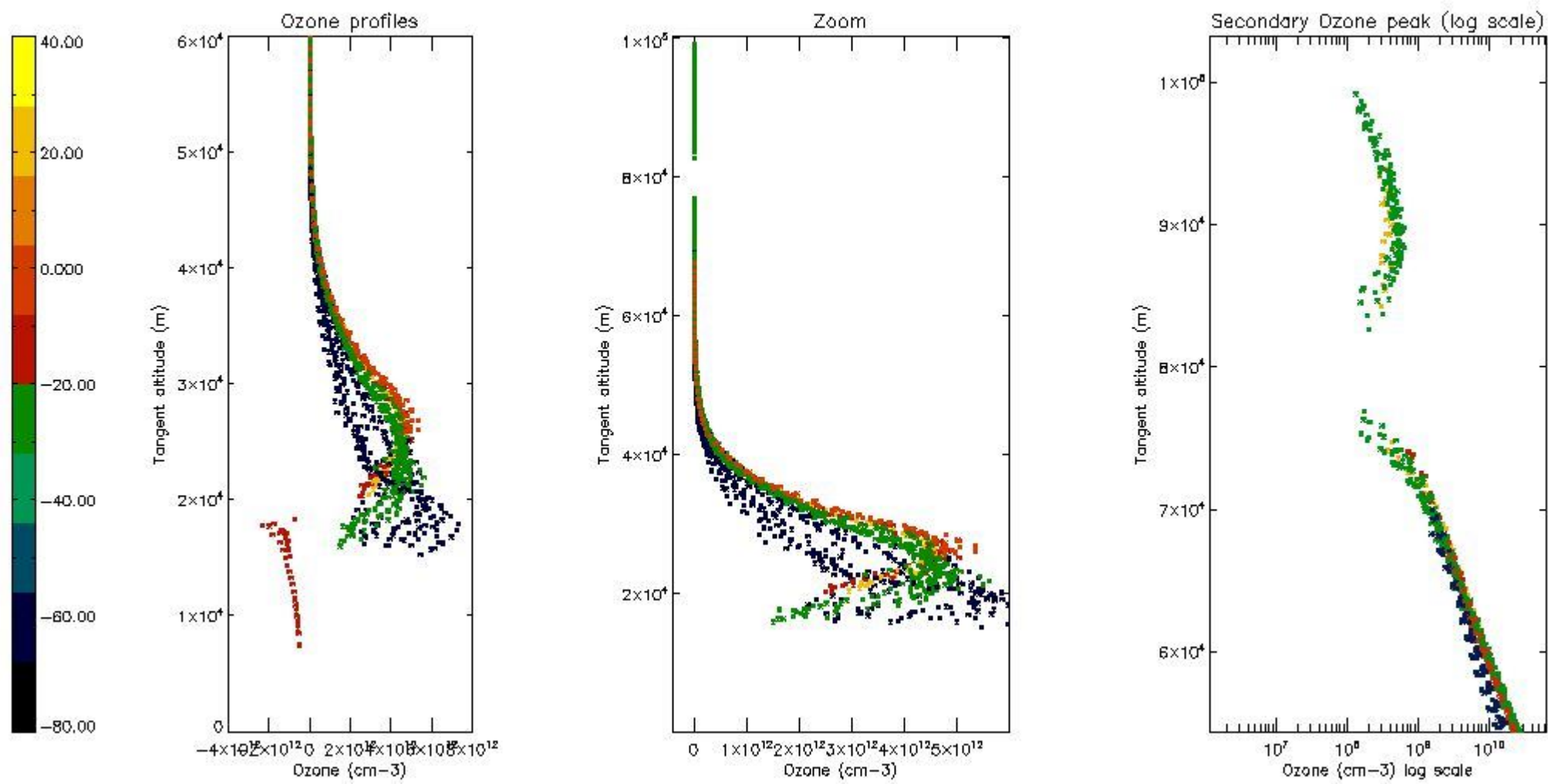
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



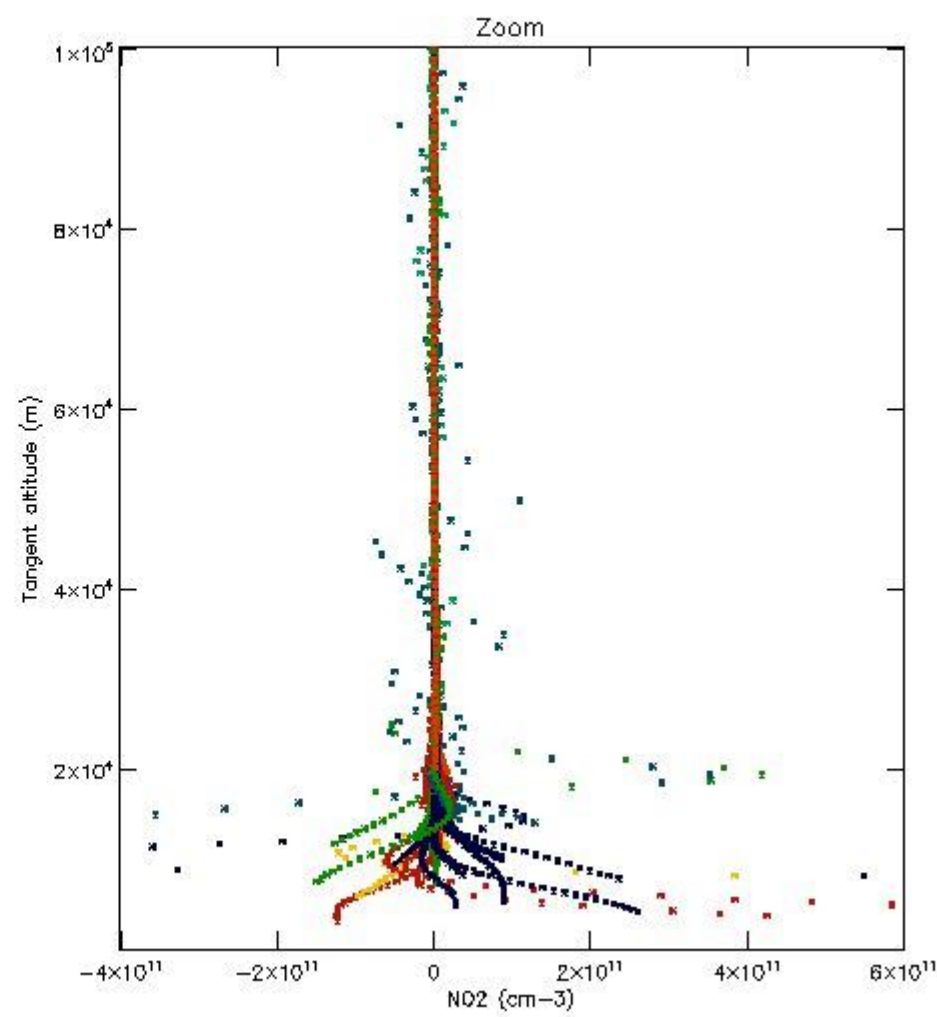
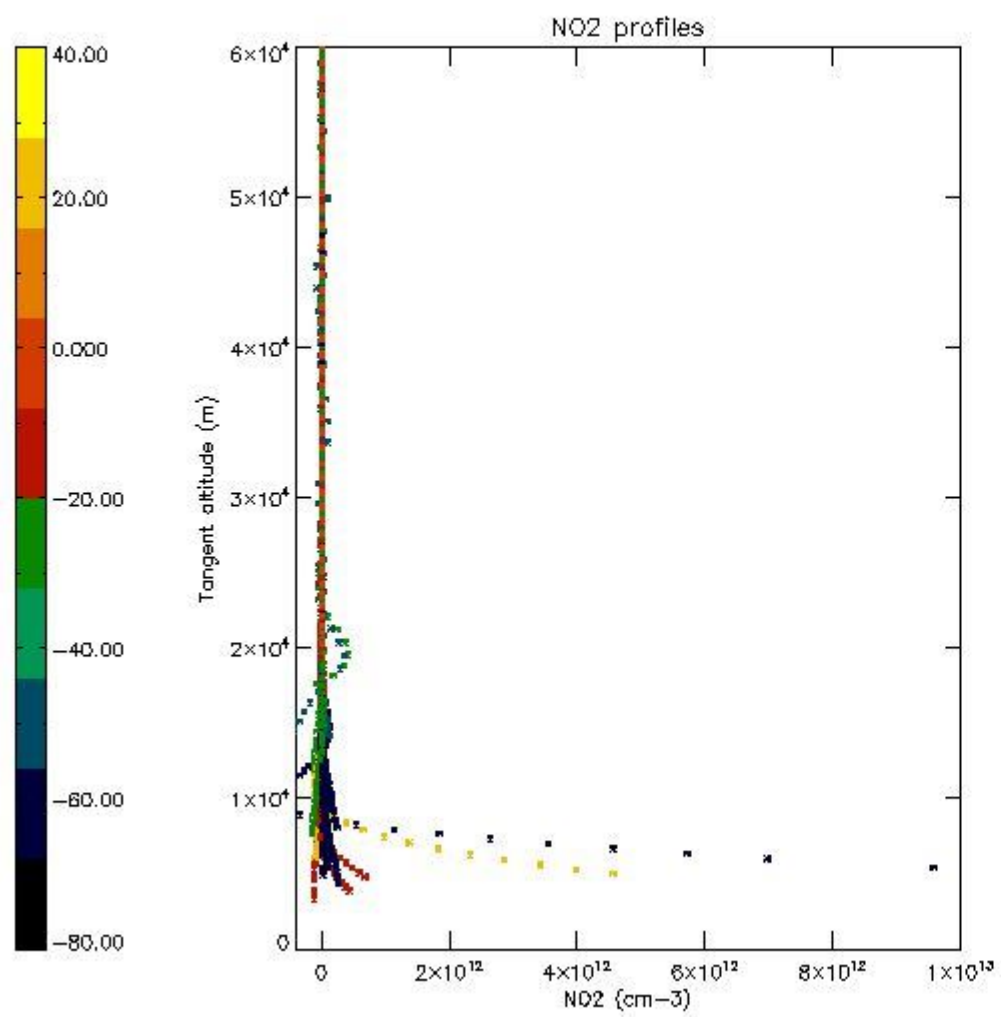
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



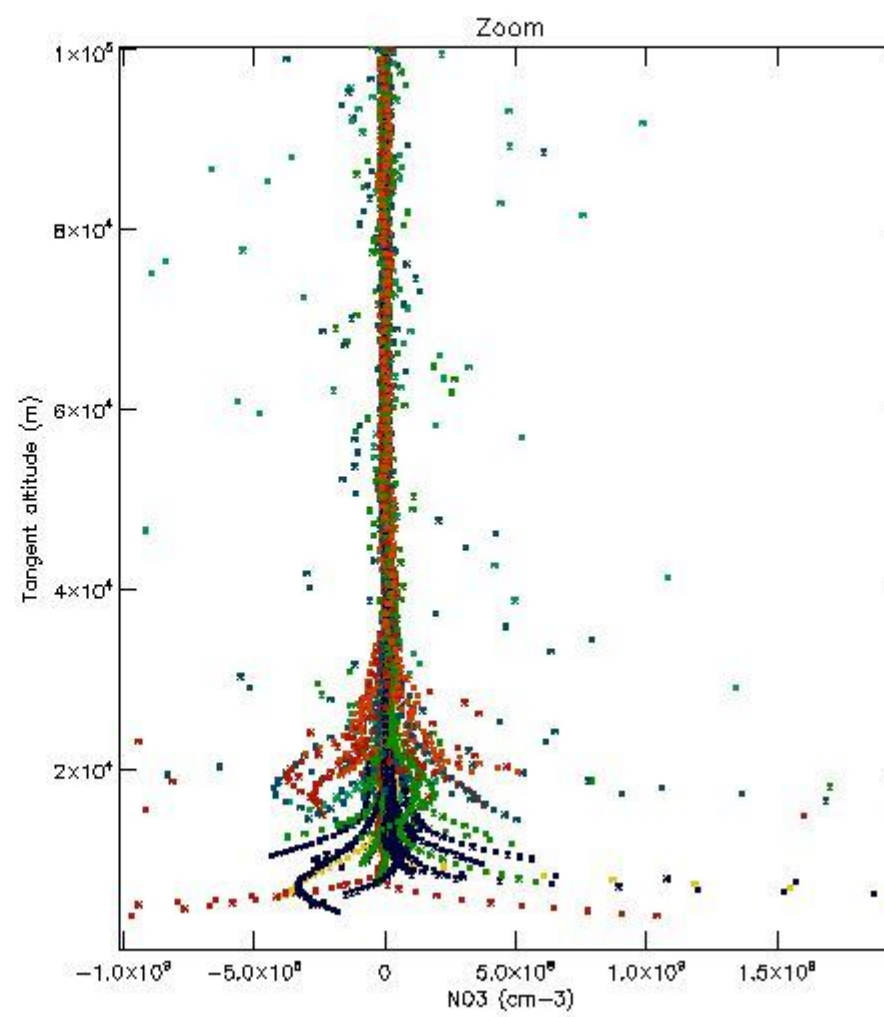
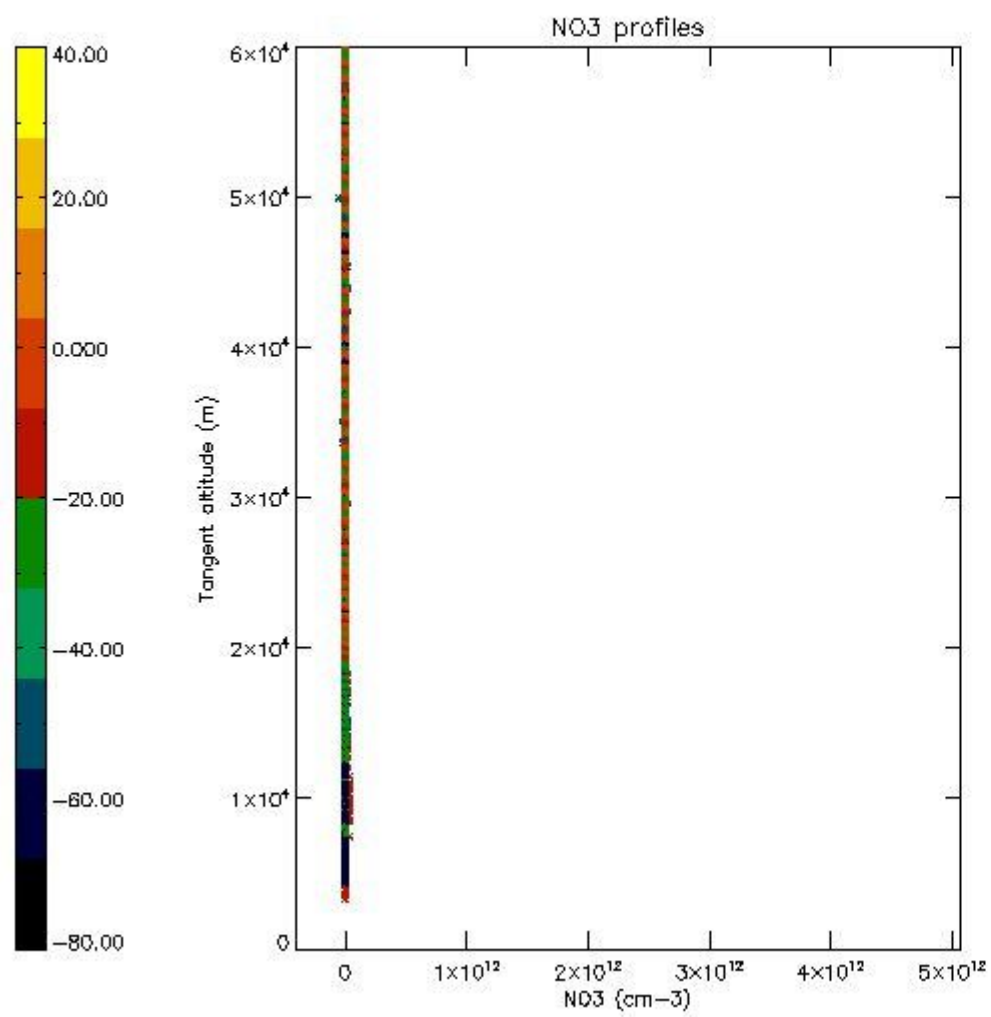
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



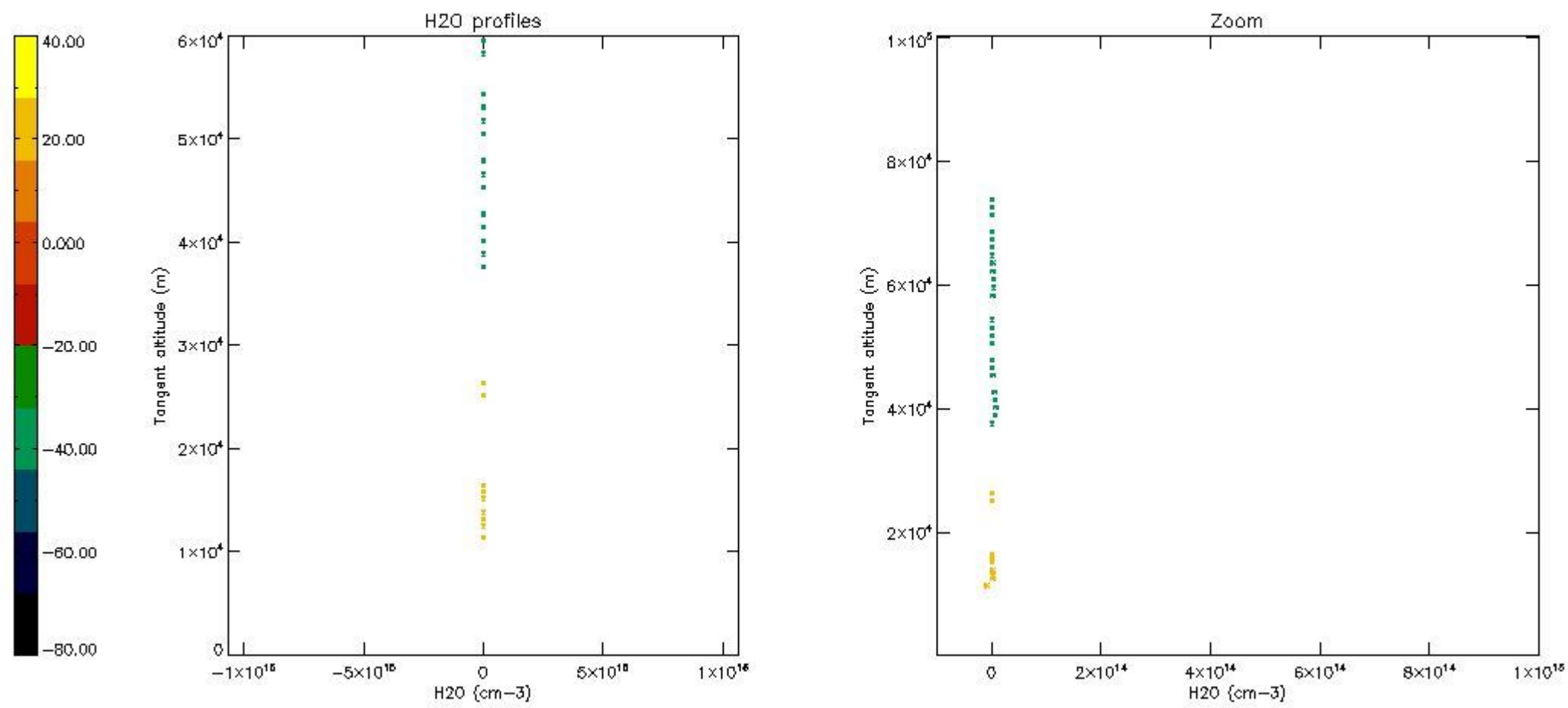
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

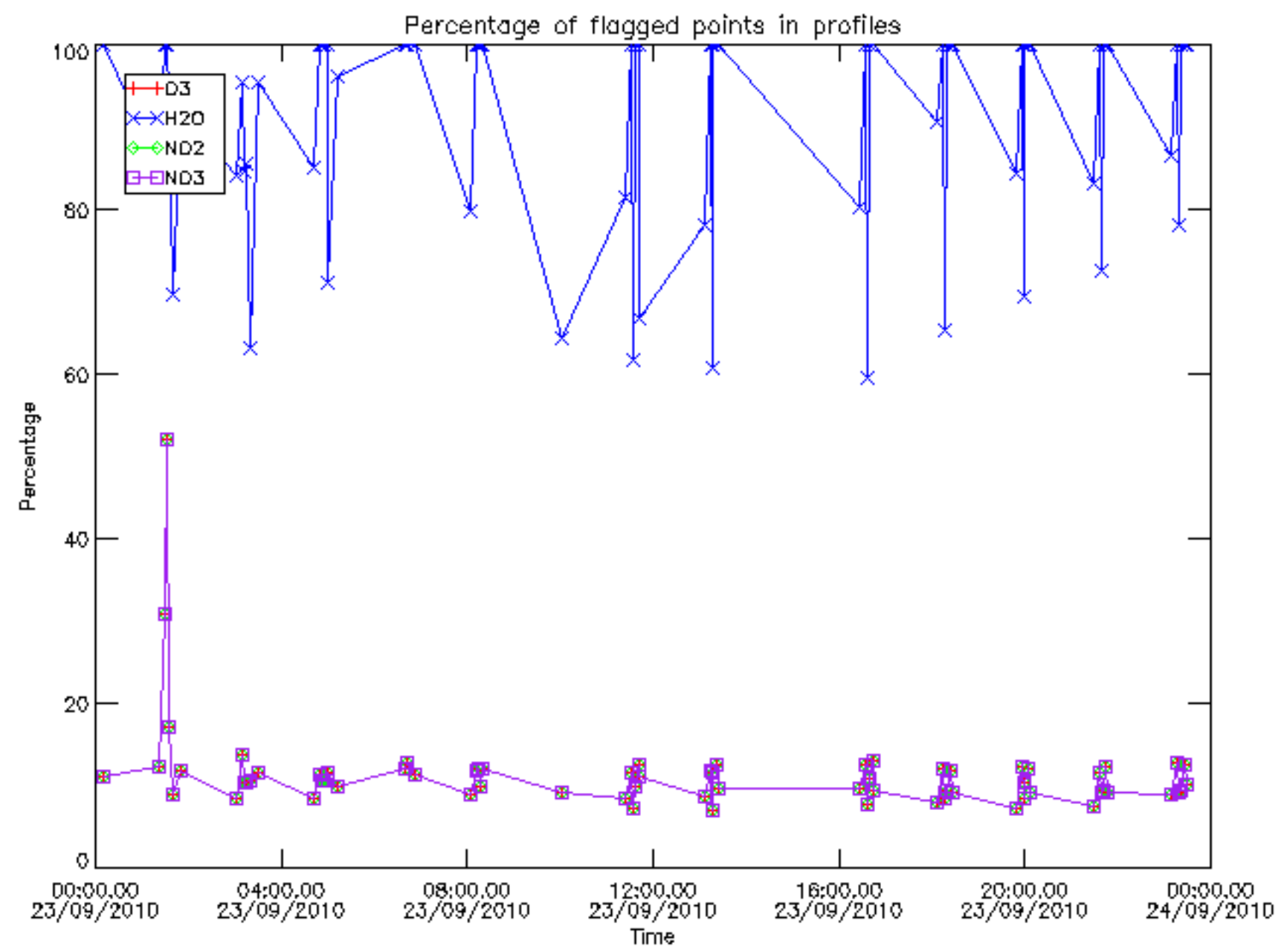
The colorbar represents the latitude.



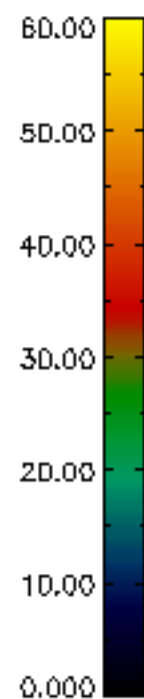
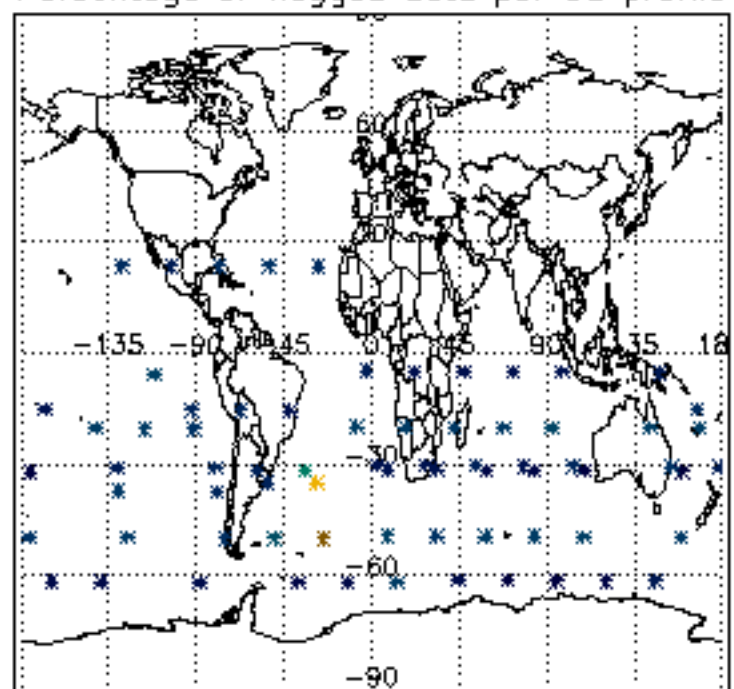
6. Auxiliary Data Files used for the production reported in section 2

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.

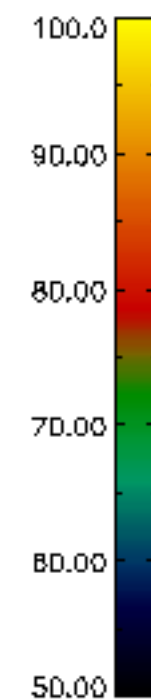
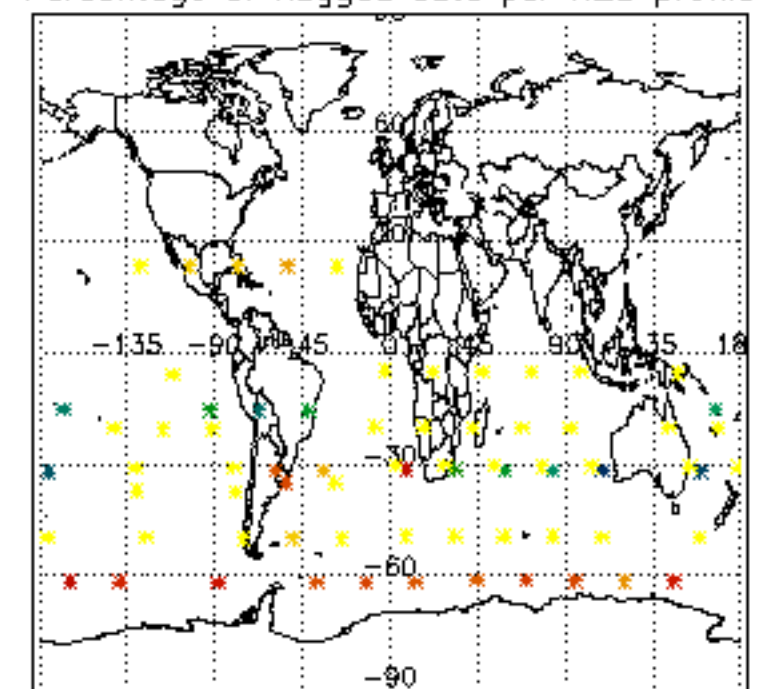
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	23-SEP-2010 00:10:00
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-SEP-2010 00:10:00
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-SEP-2010 00:10:00



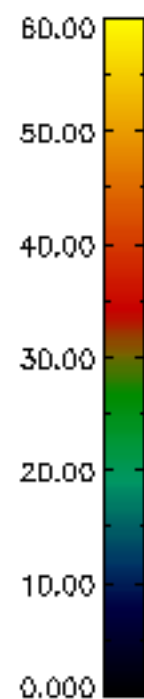
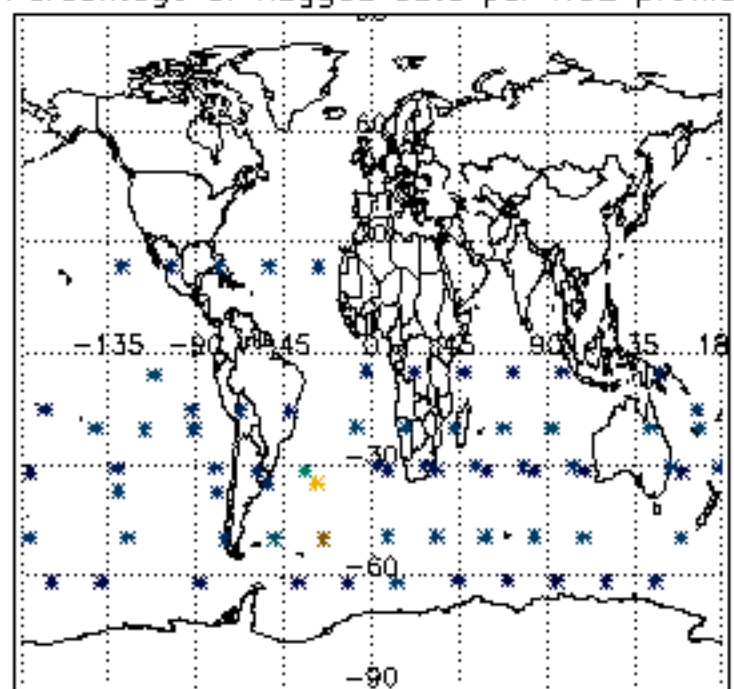
Percentage of flagged data per D3 profile



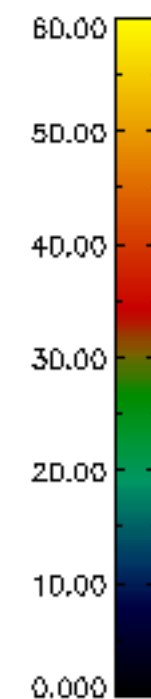
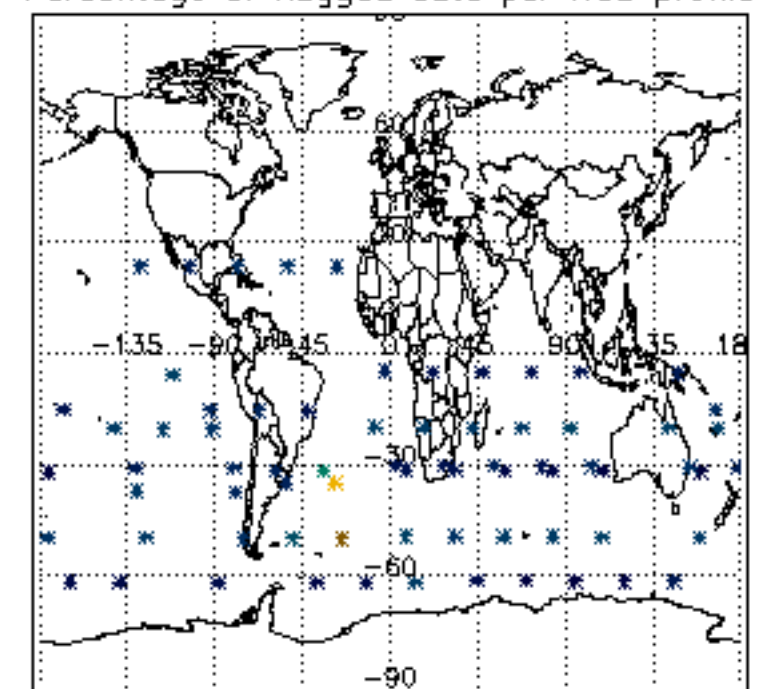
Percentage of flagged data per H2O profile

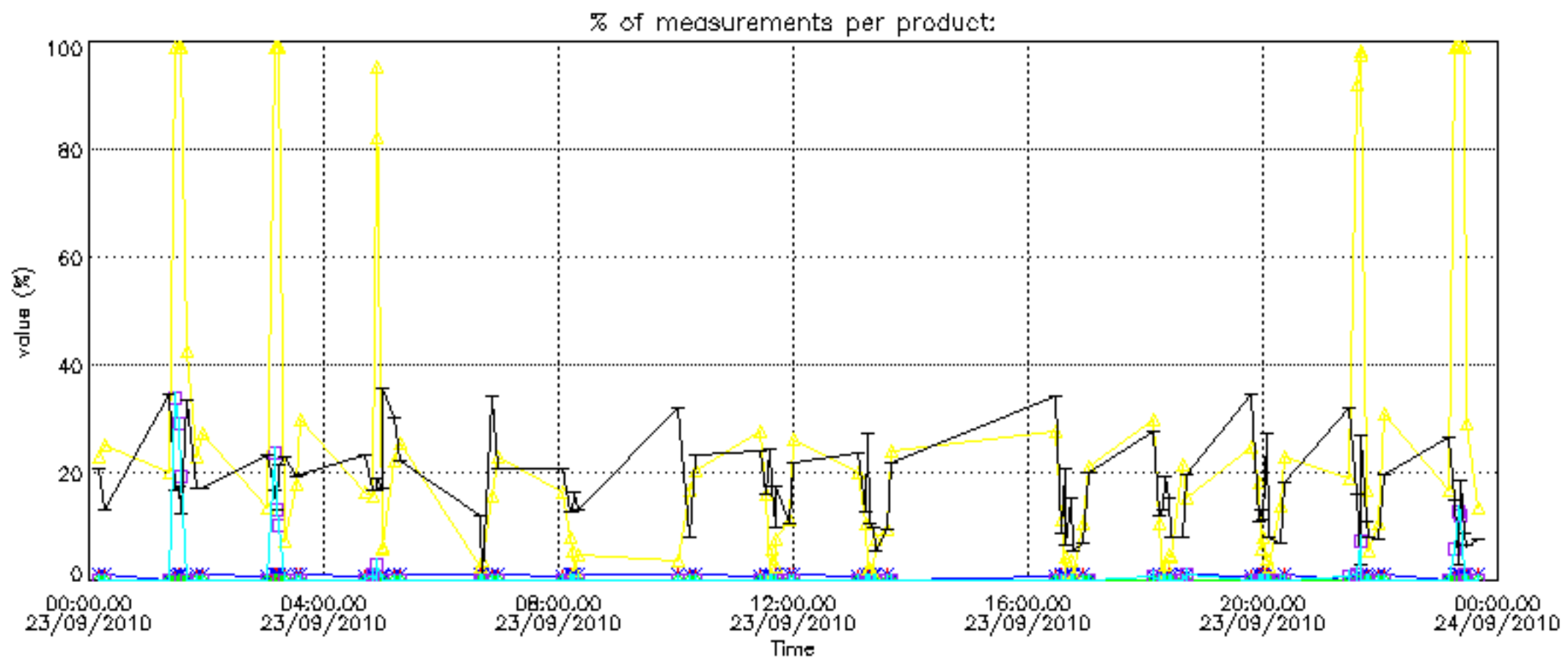


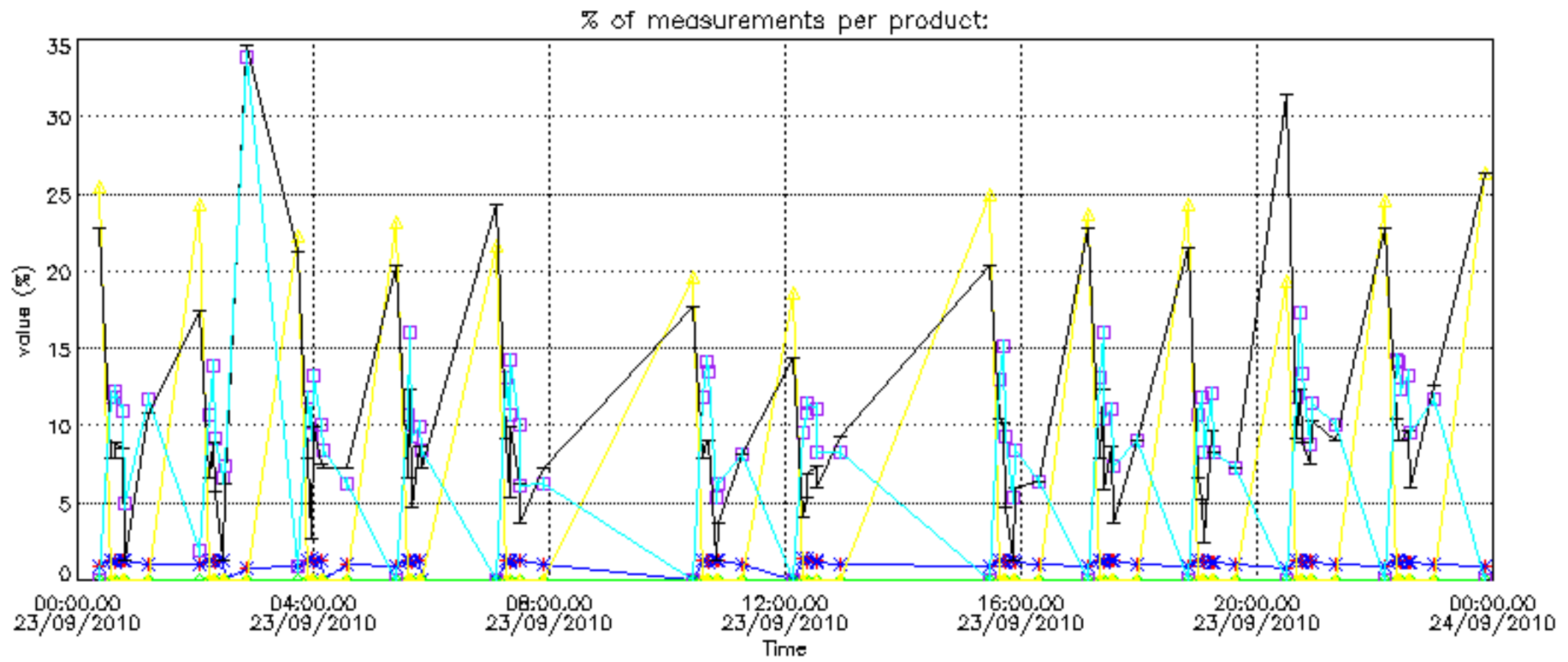
Percentage of flagged data per NO2 profile



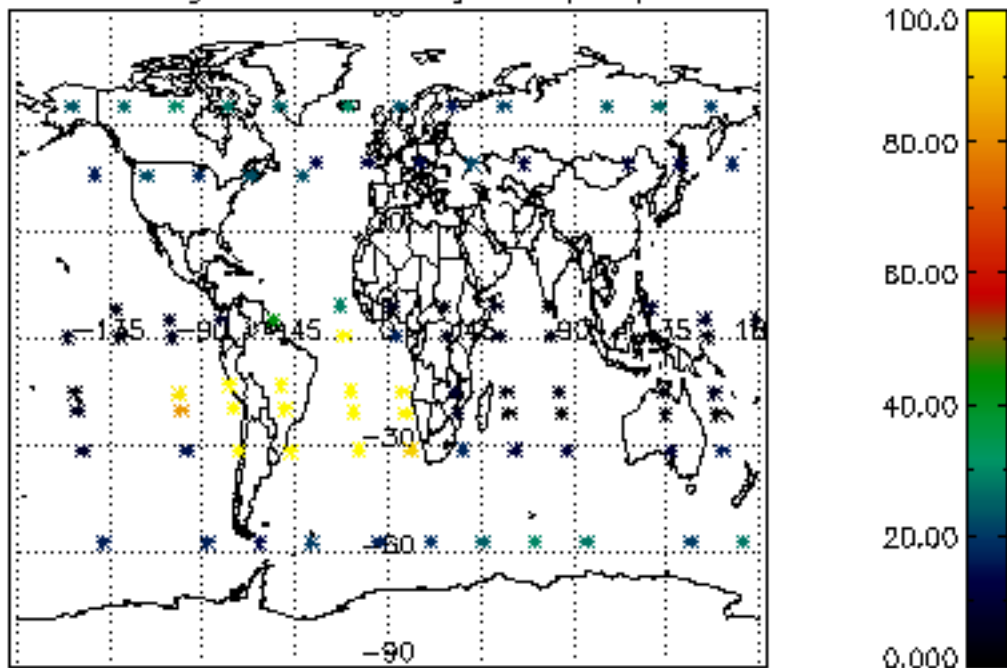
Percentage of flagged data per NO3 profile



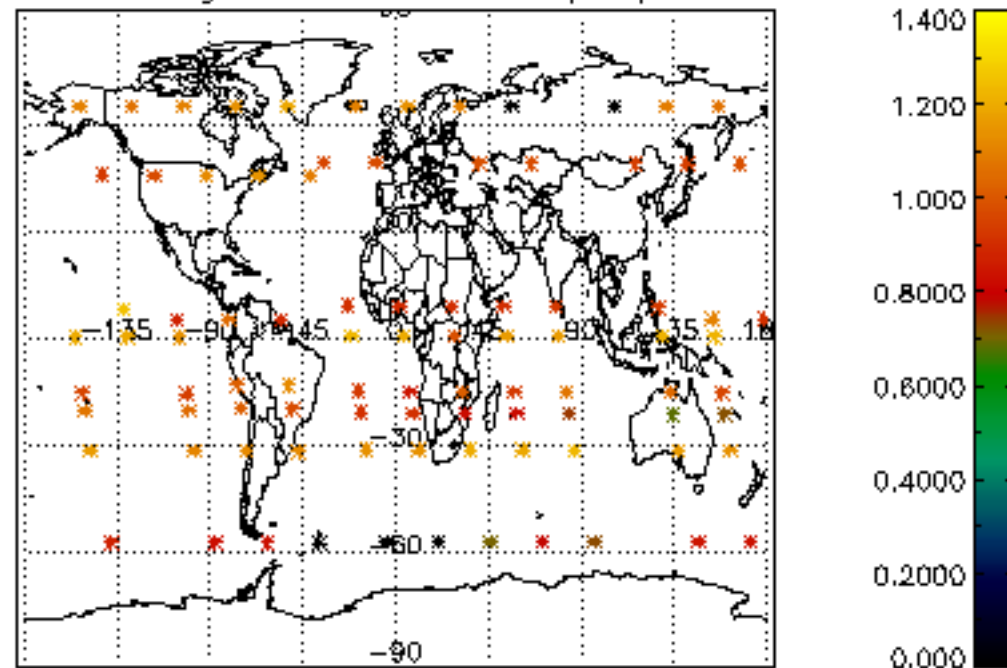




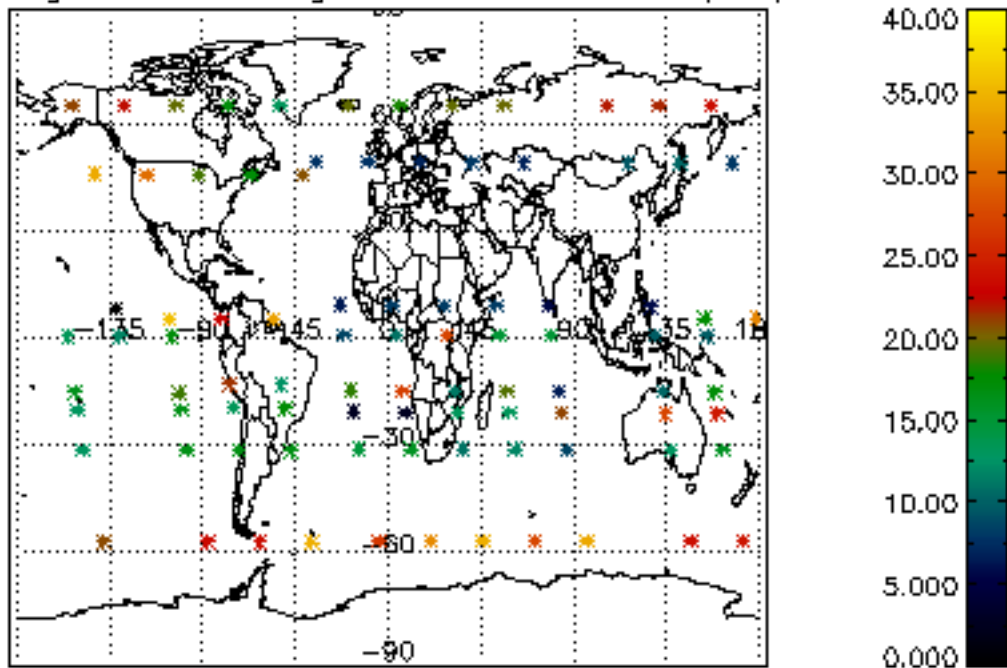
Percentage of cosmic ray hits per profile



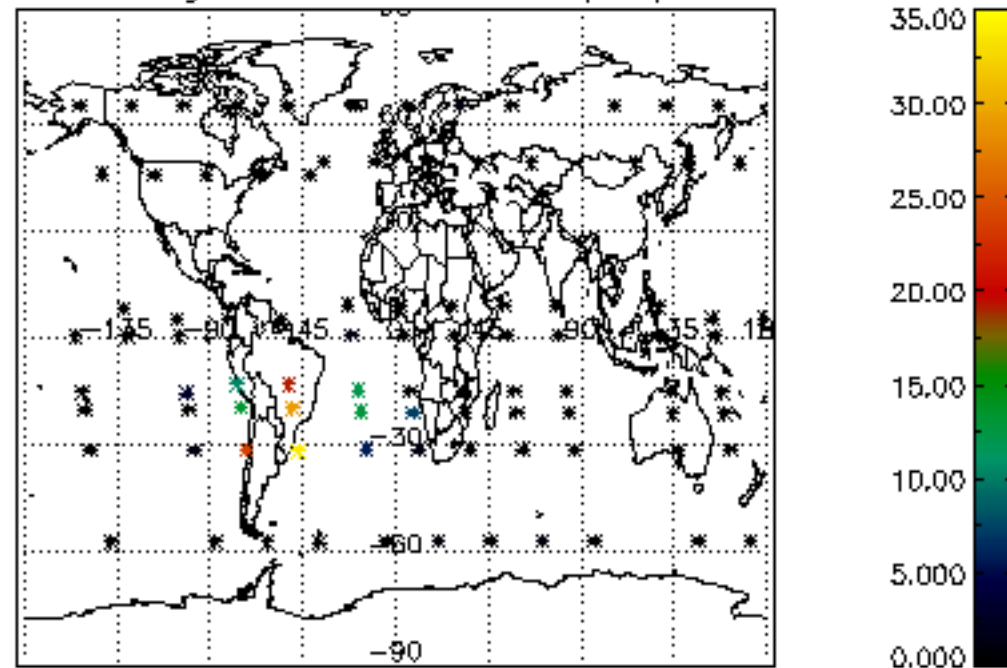
Percentage of datation errors per profile



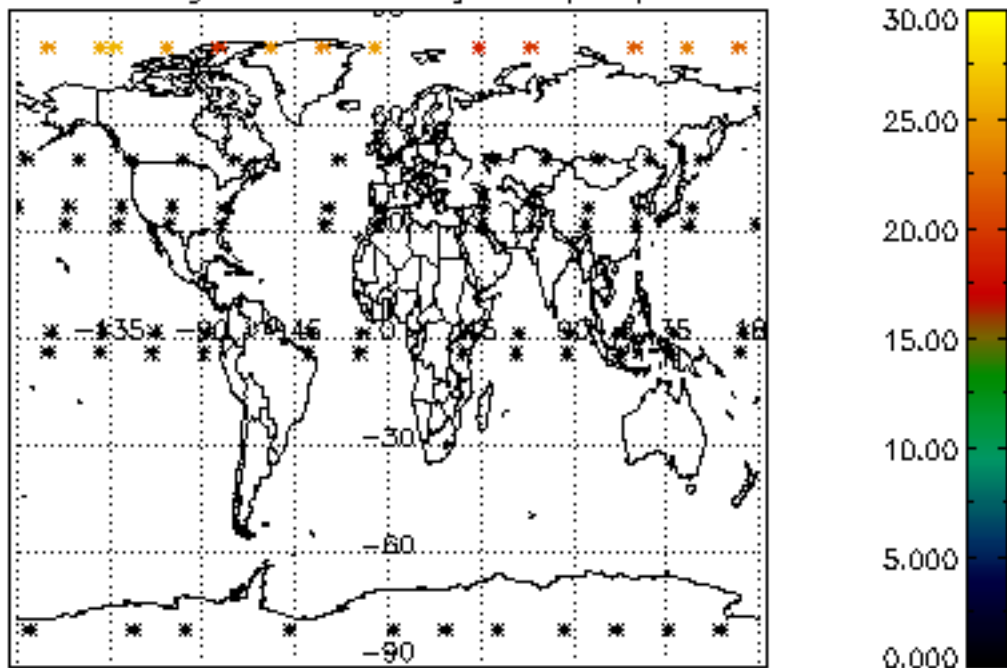
Percentage of star falling outside central band per profile



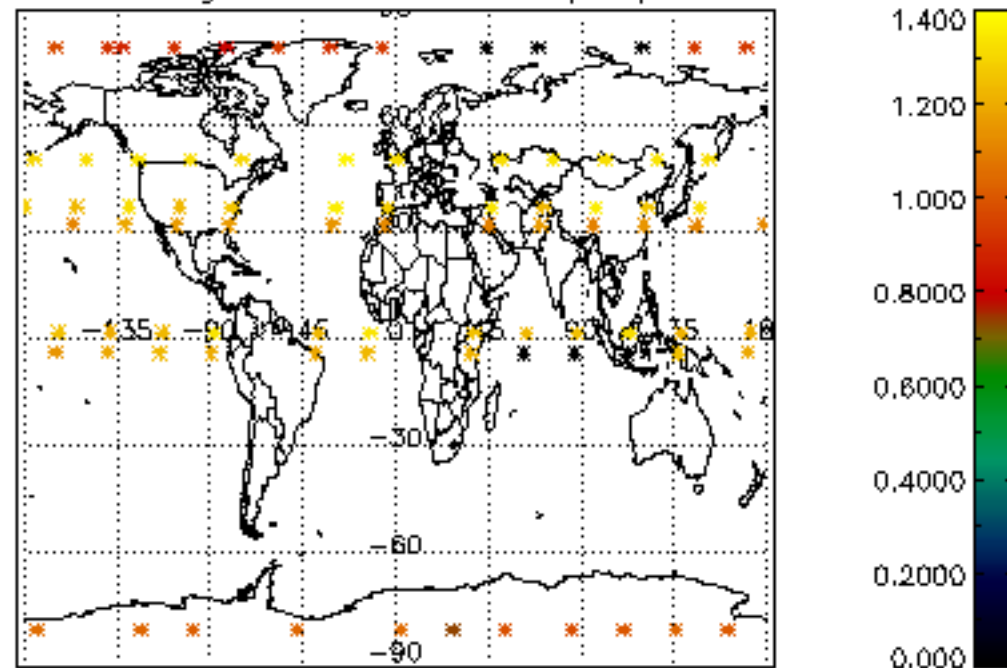
Percentage of saturation errors per profile



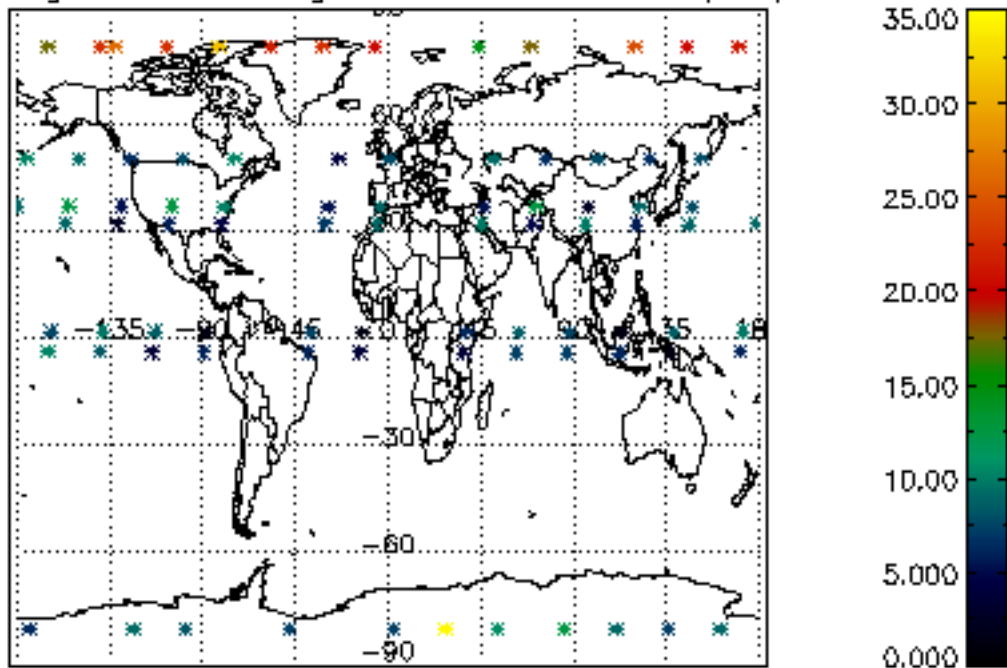
Percentage of cosmic ray hits per profile



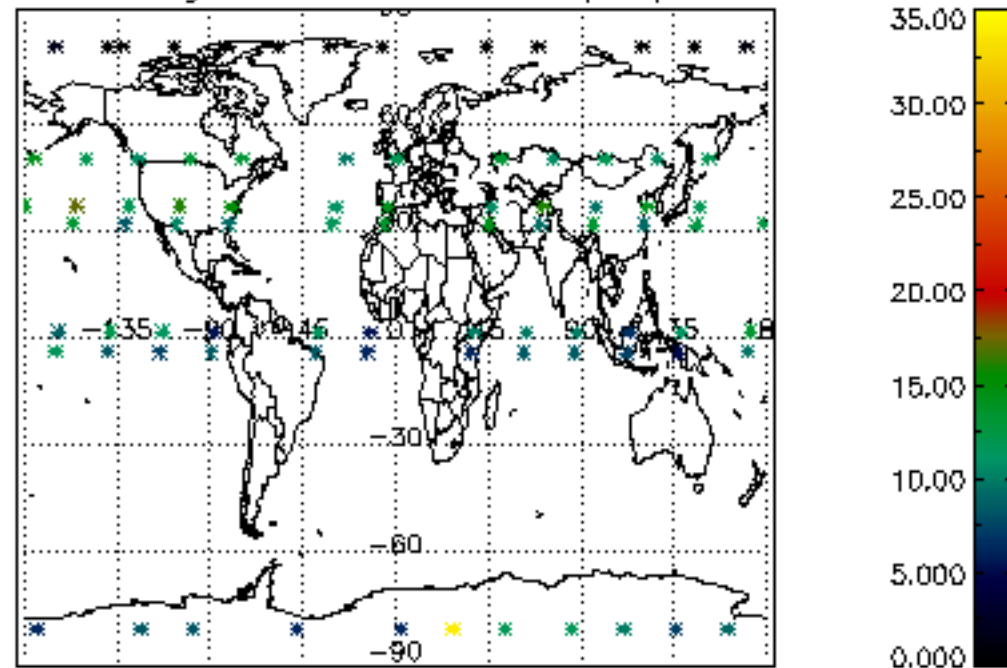
Percentage of datation errors per profile

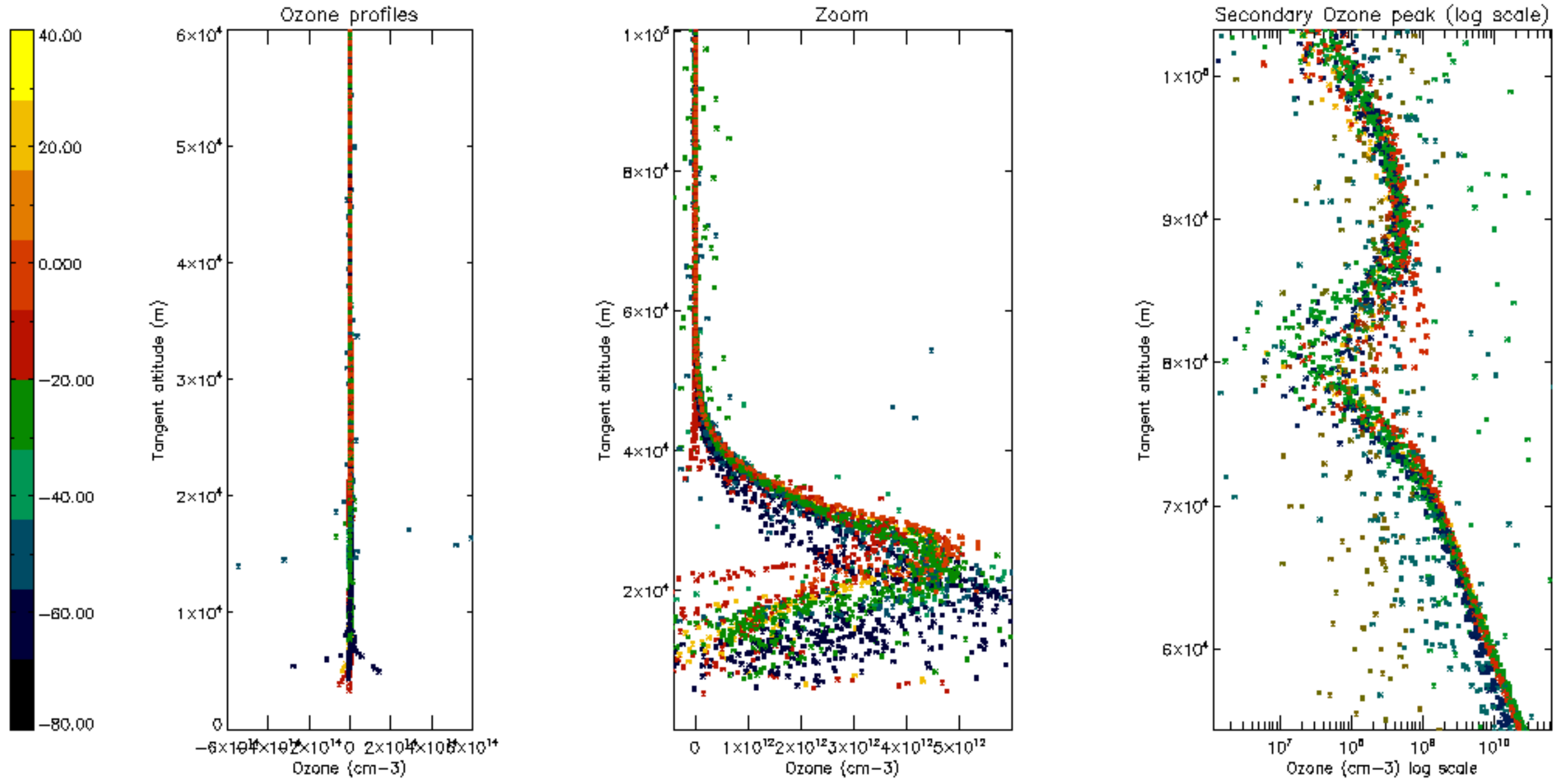


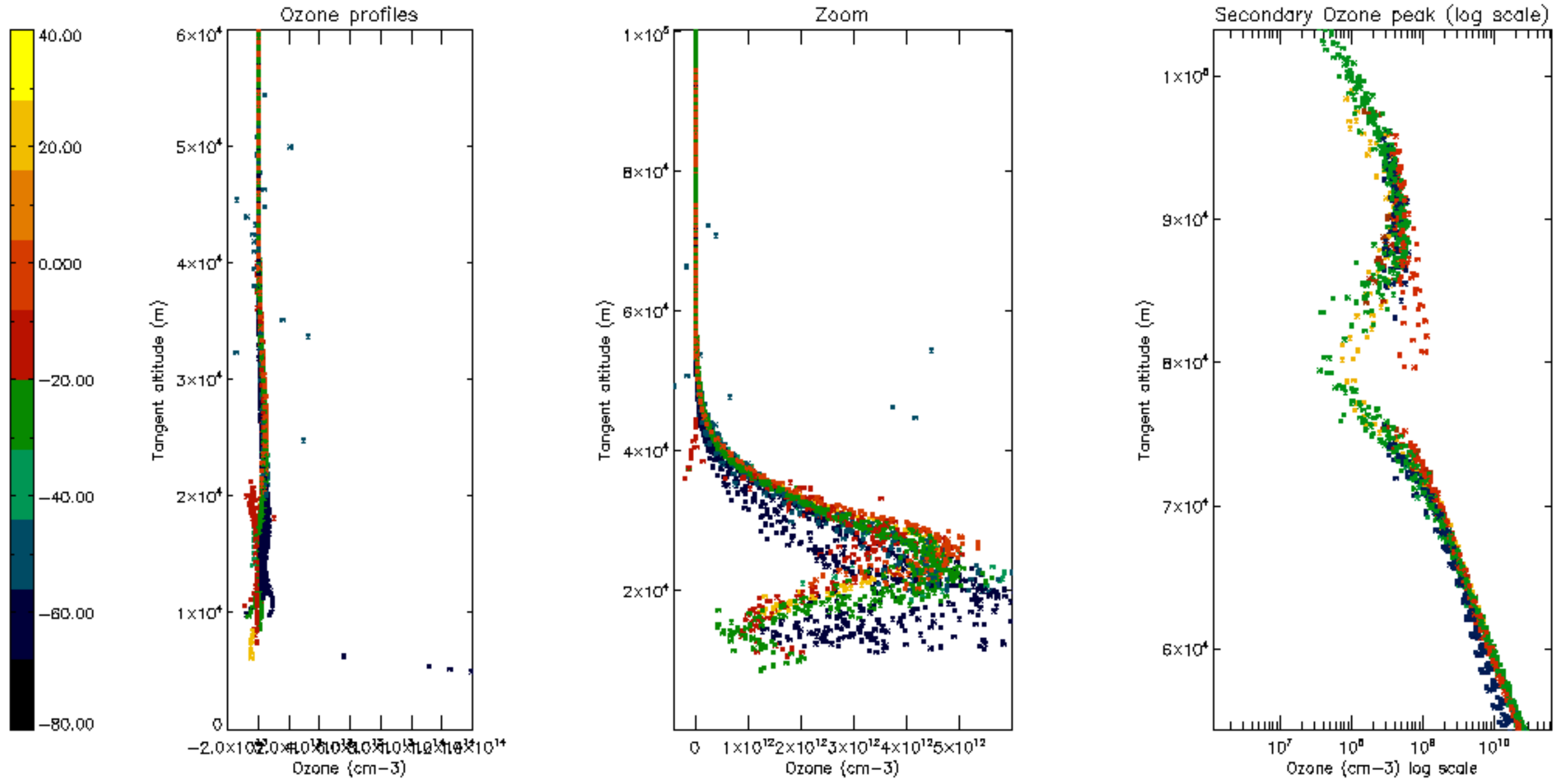
Percentage of star falling outside central band per profile

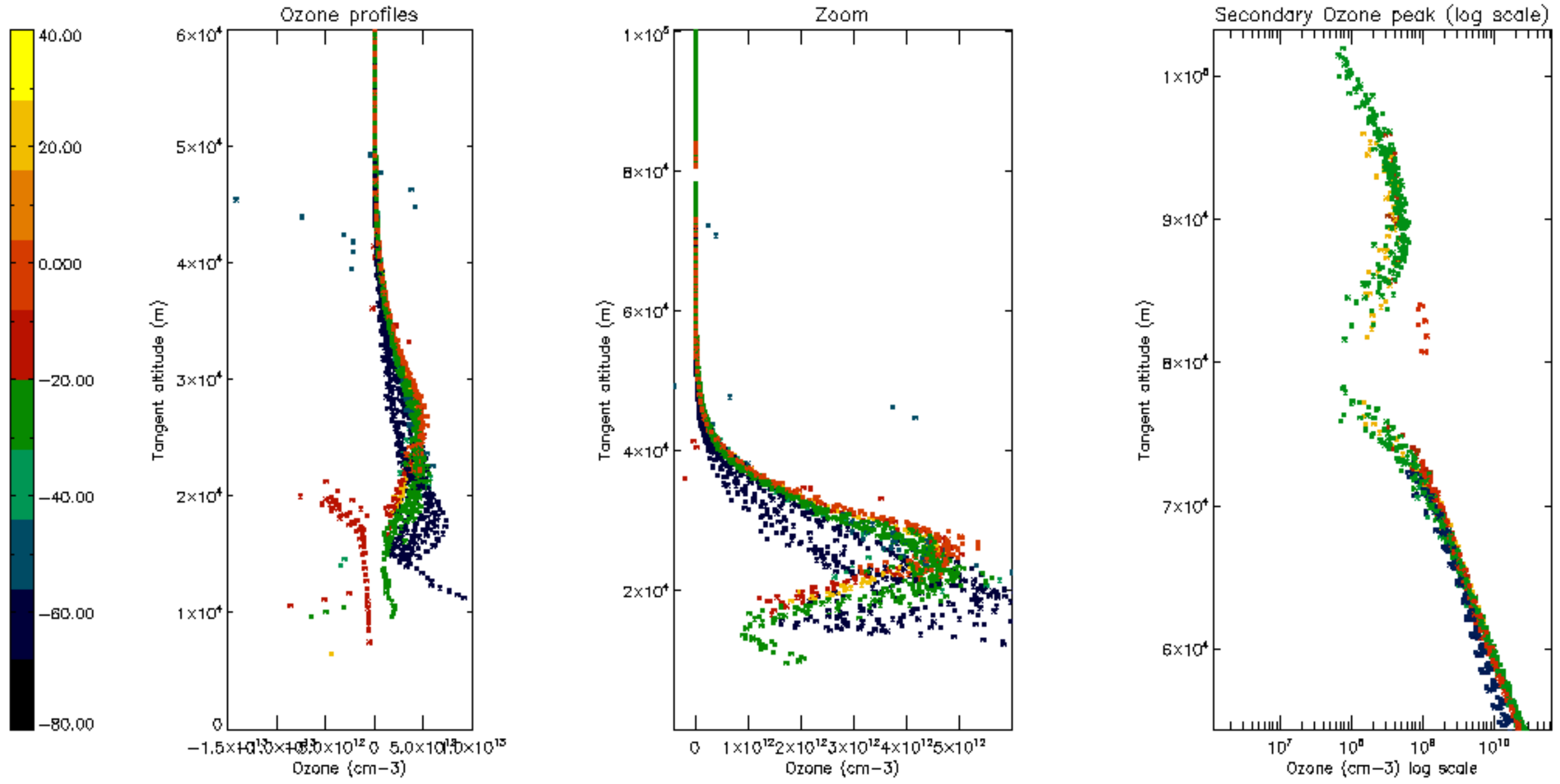


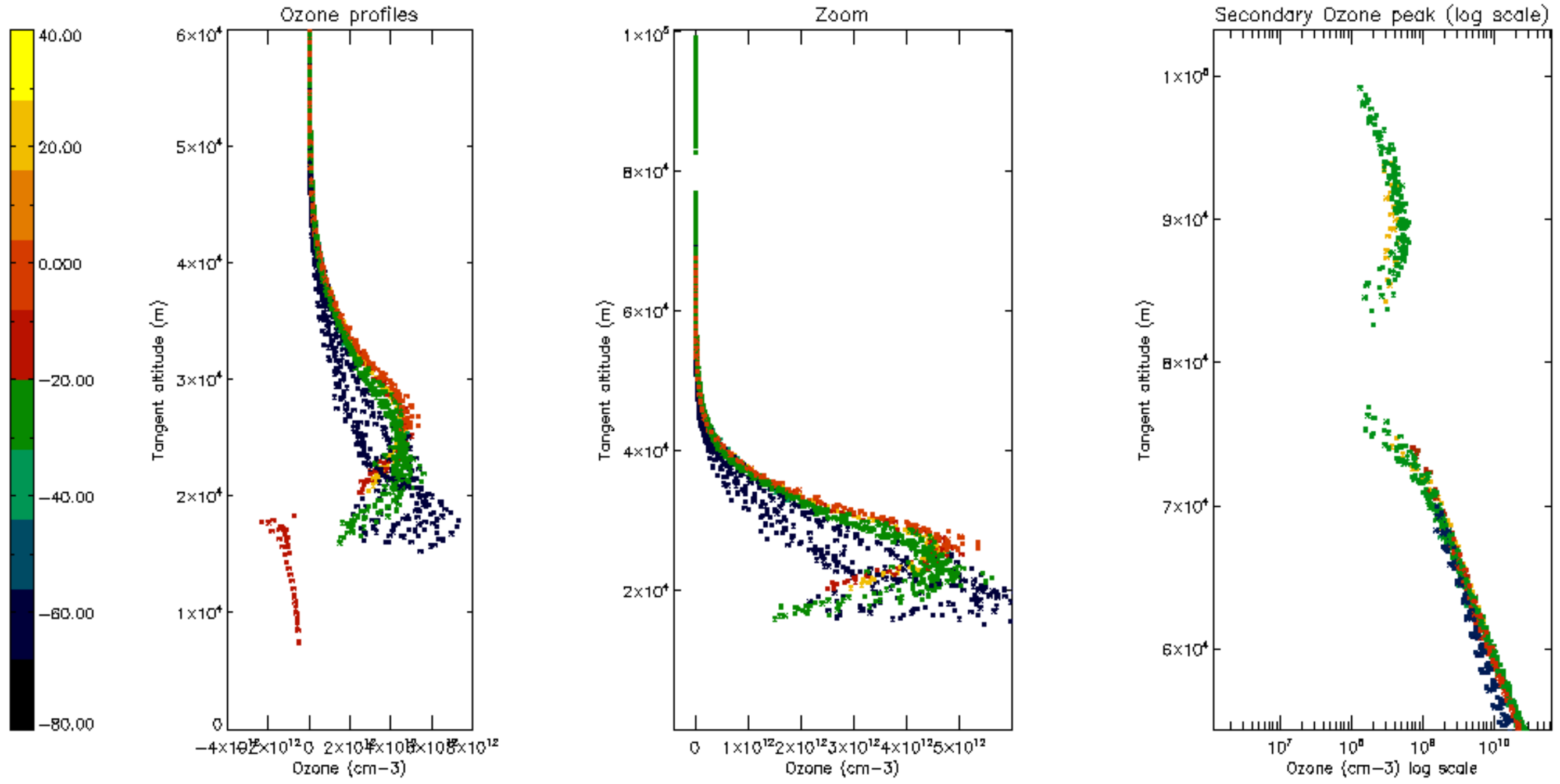
Percentage of saturation errors per profile

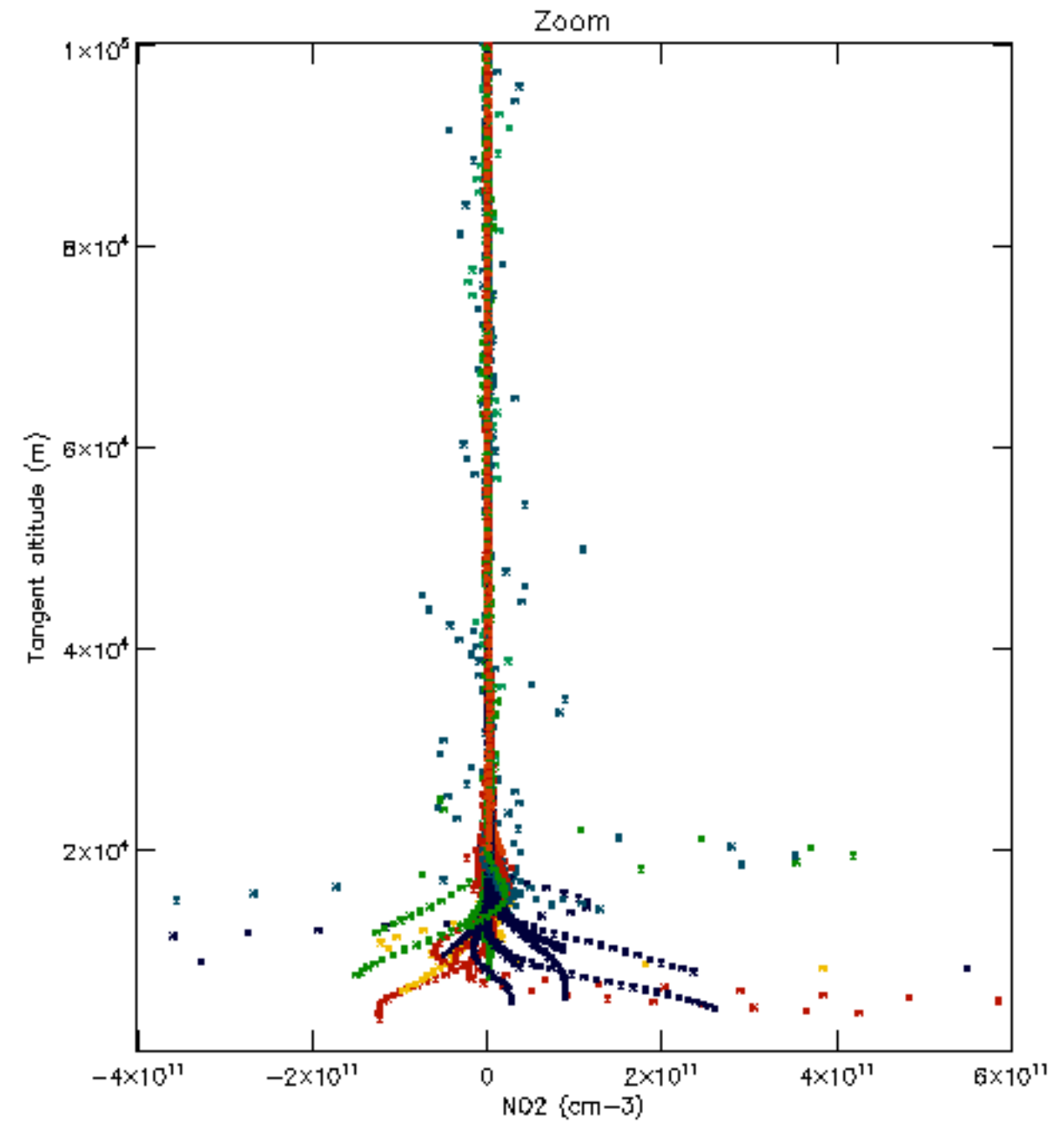
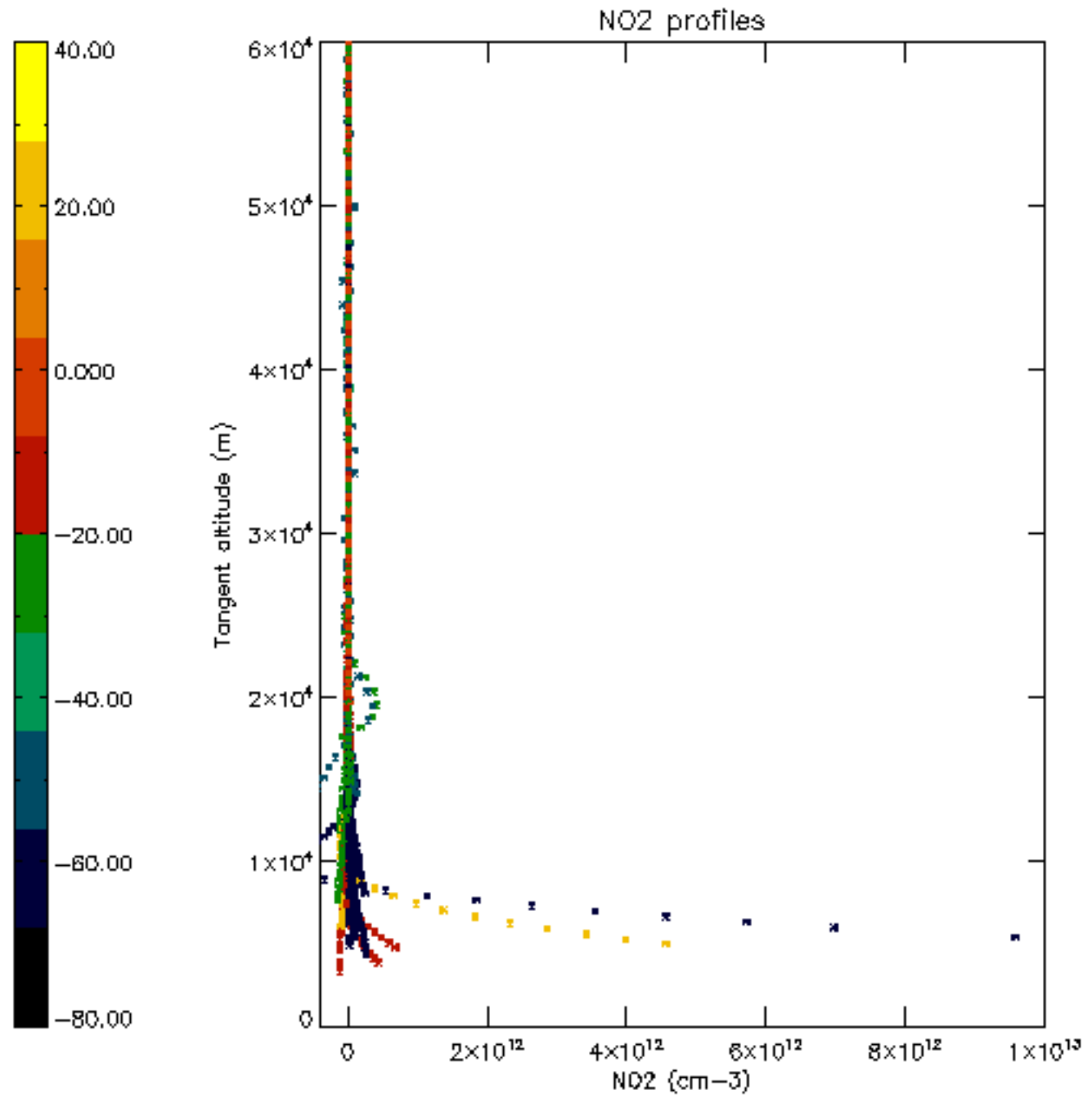


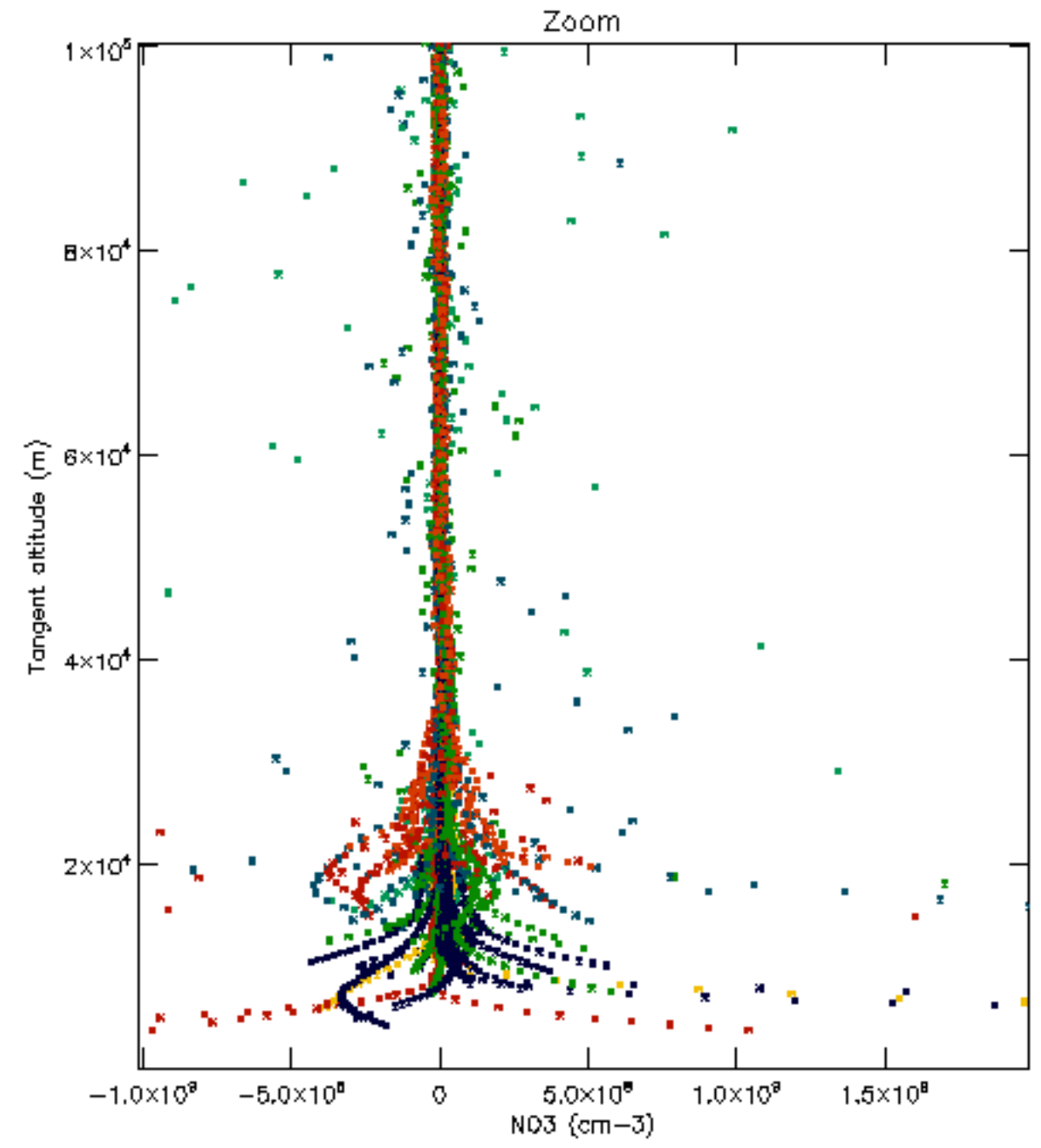
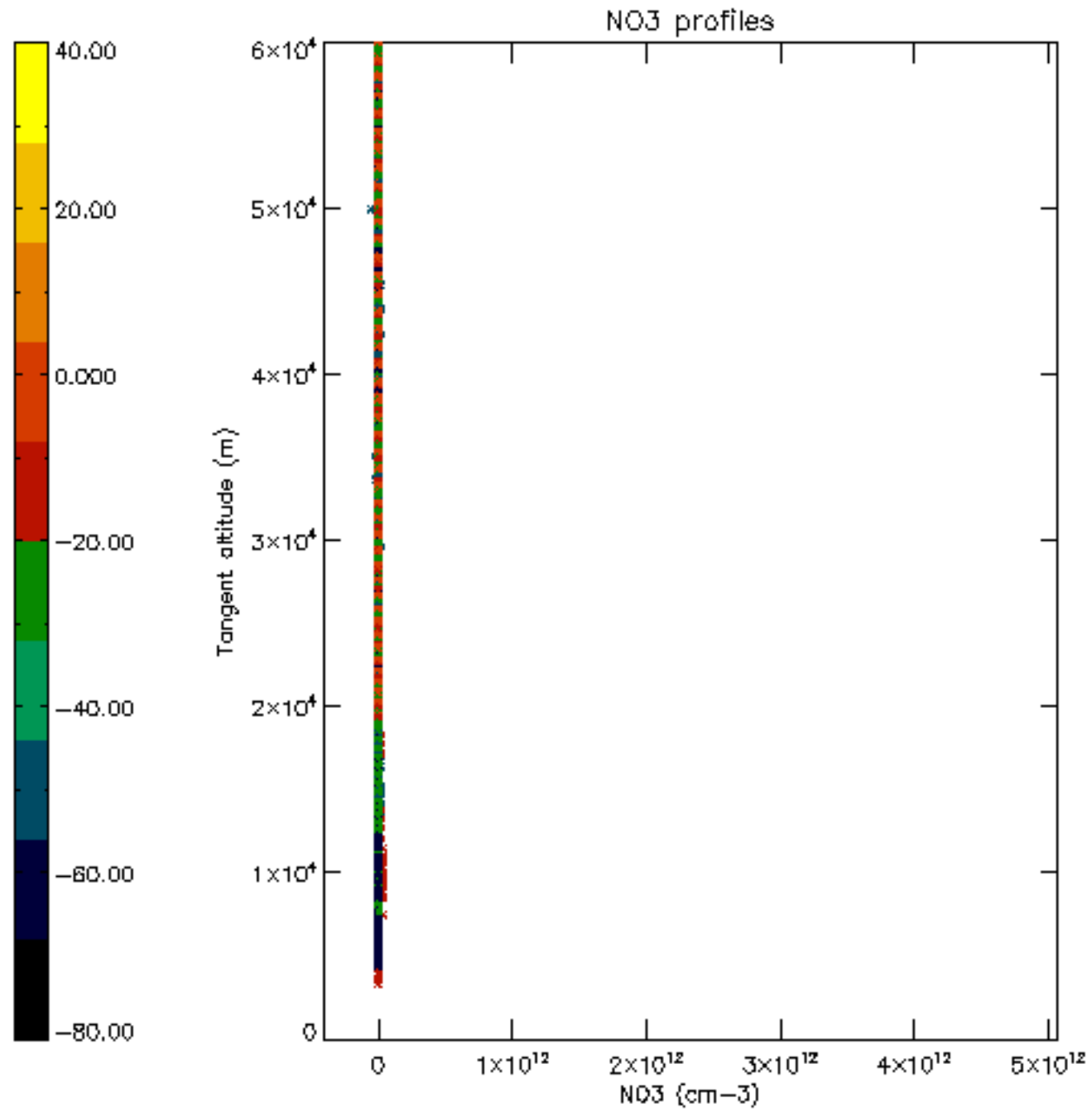


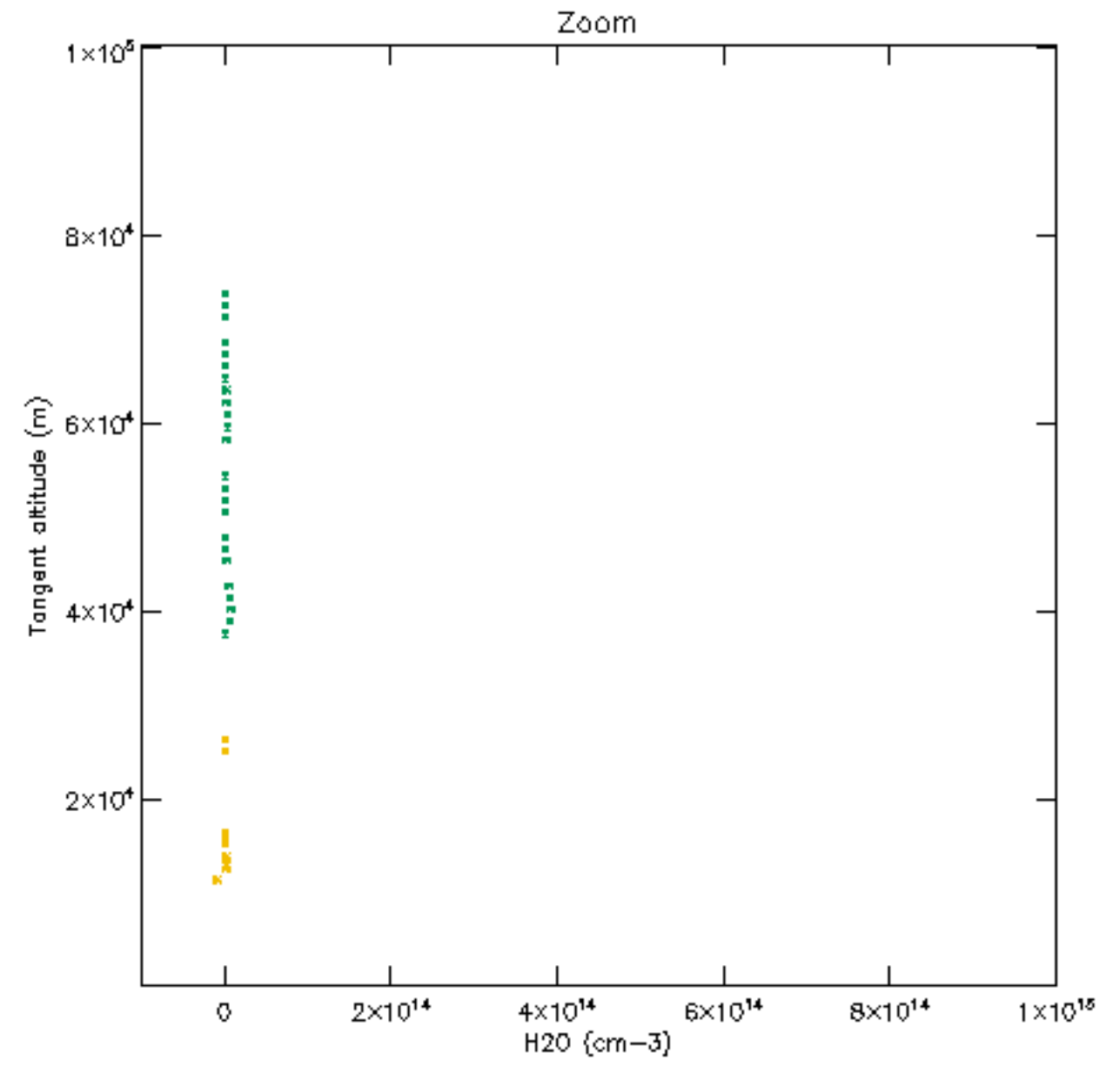
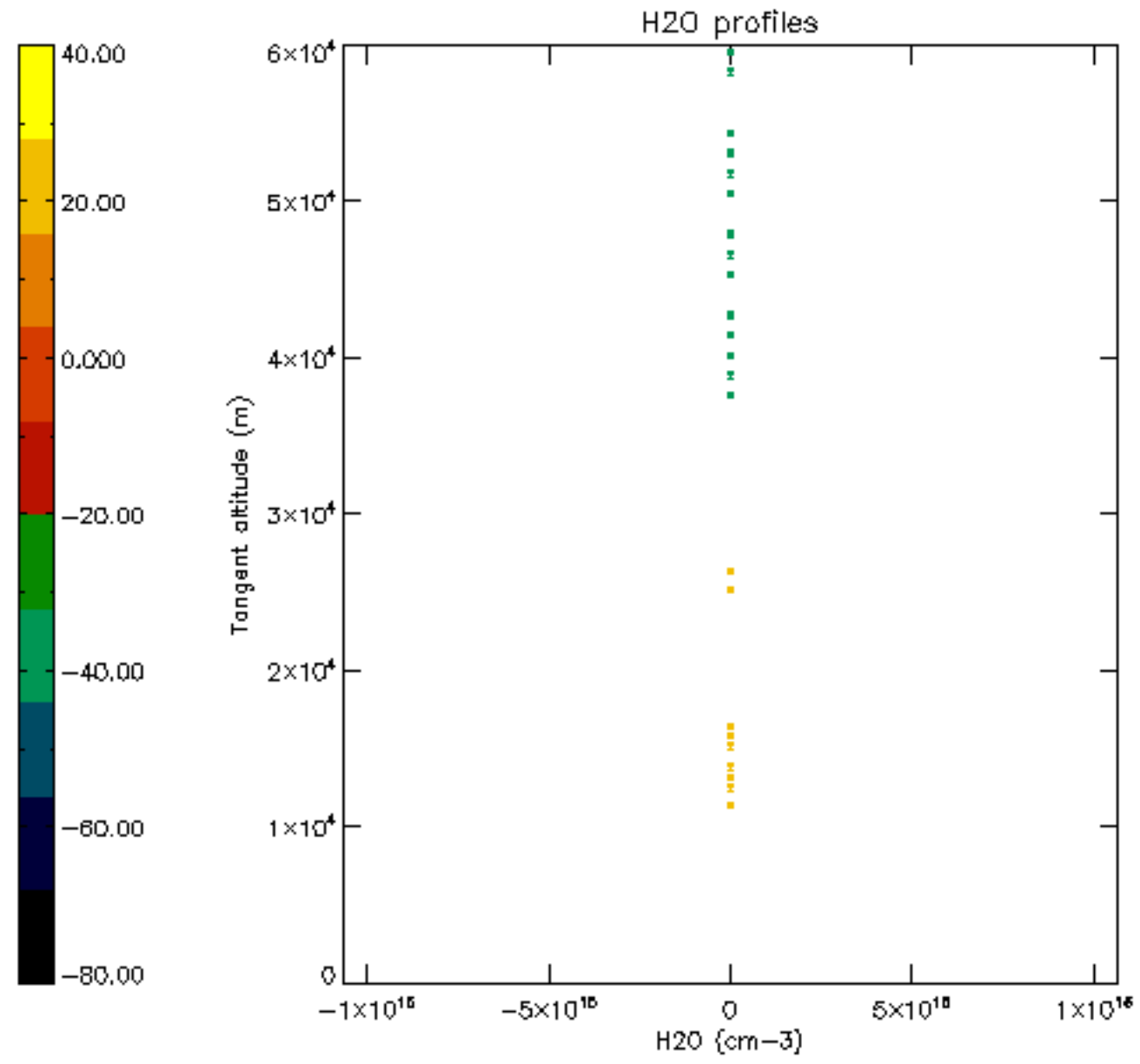


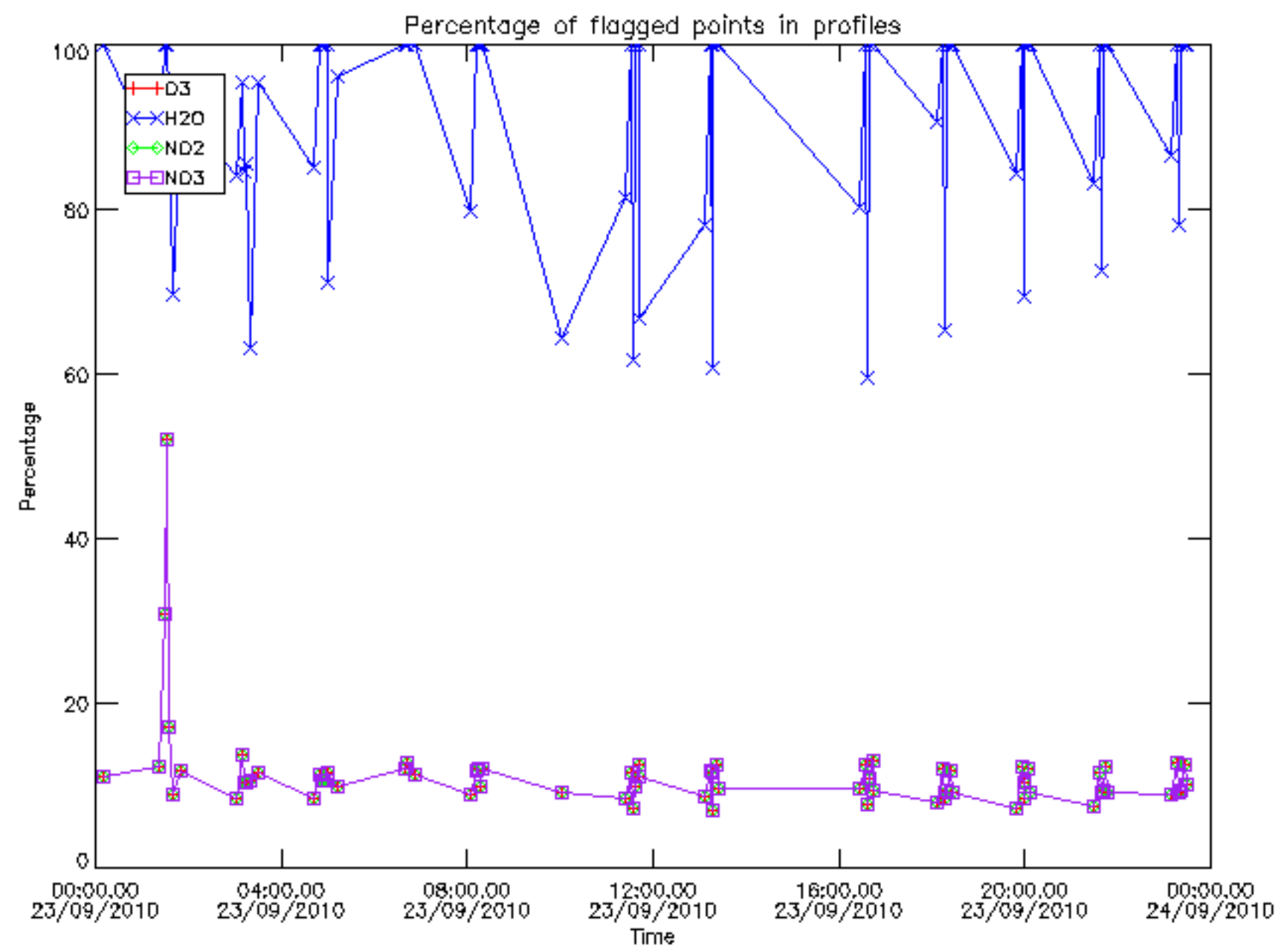




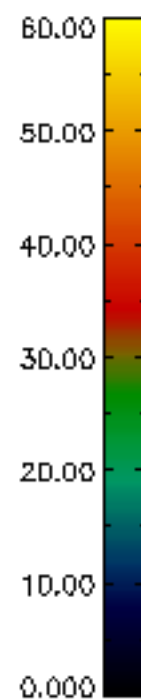
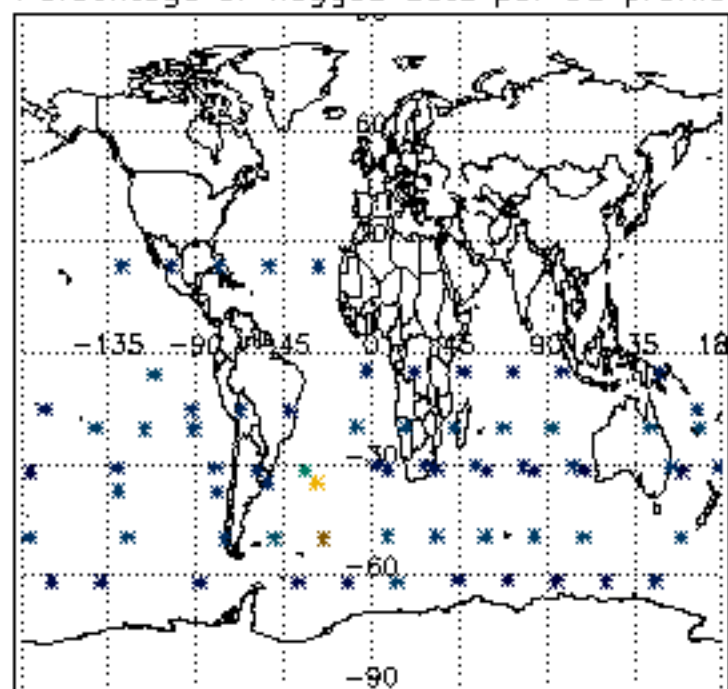




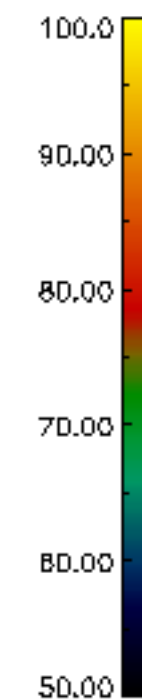
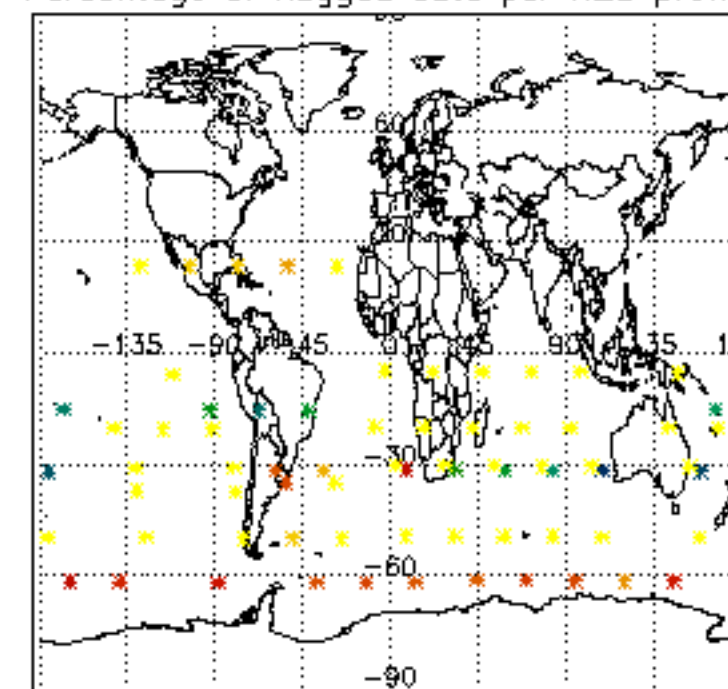




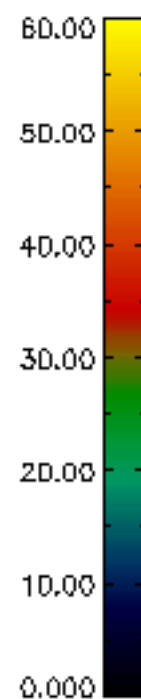
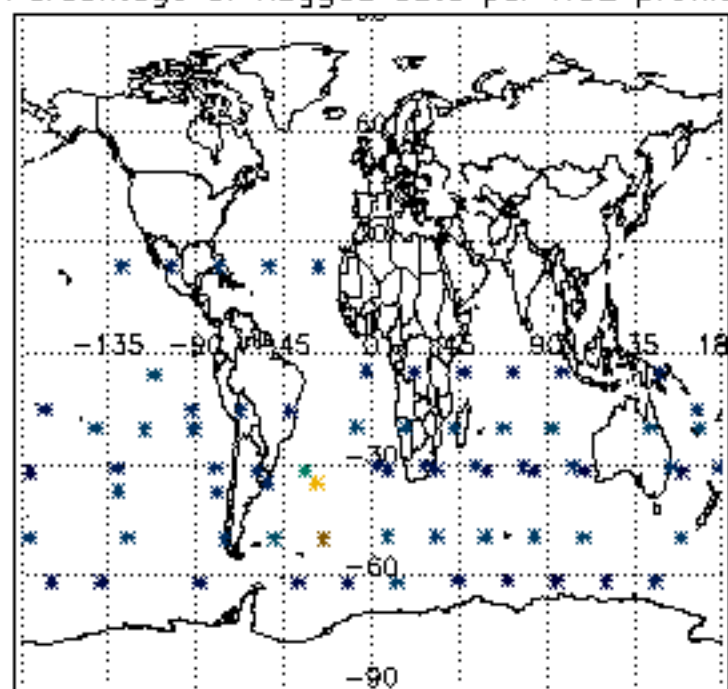
Percentage of flagged data per D3 profile



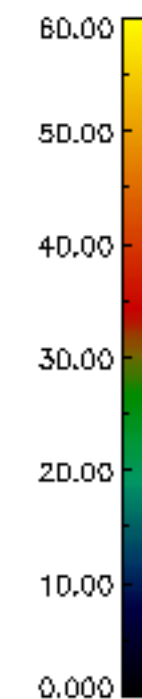
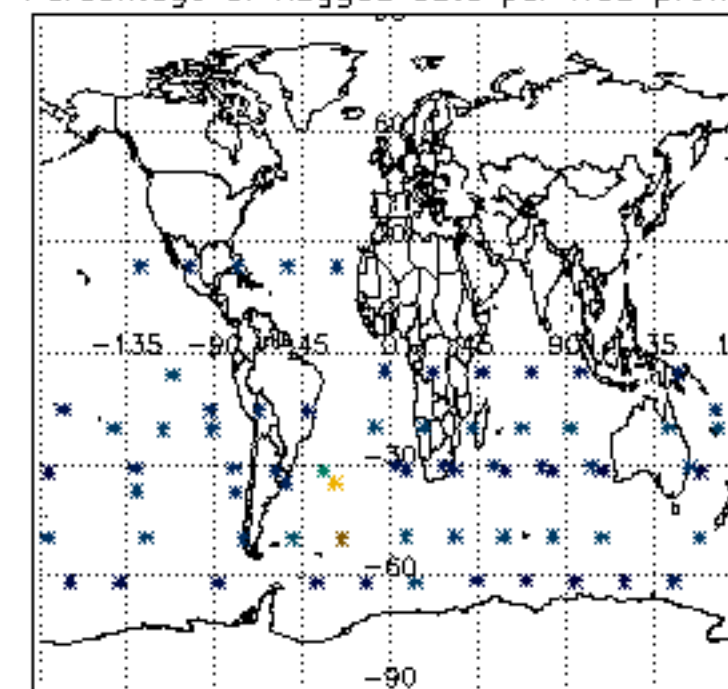
Percentage of flagged data per H2O profile

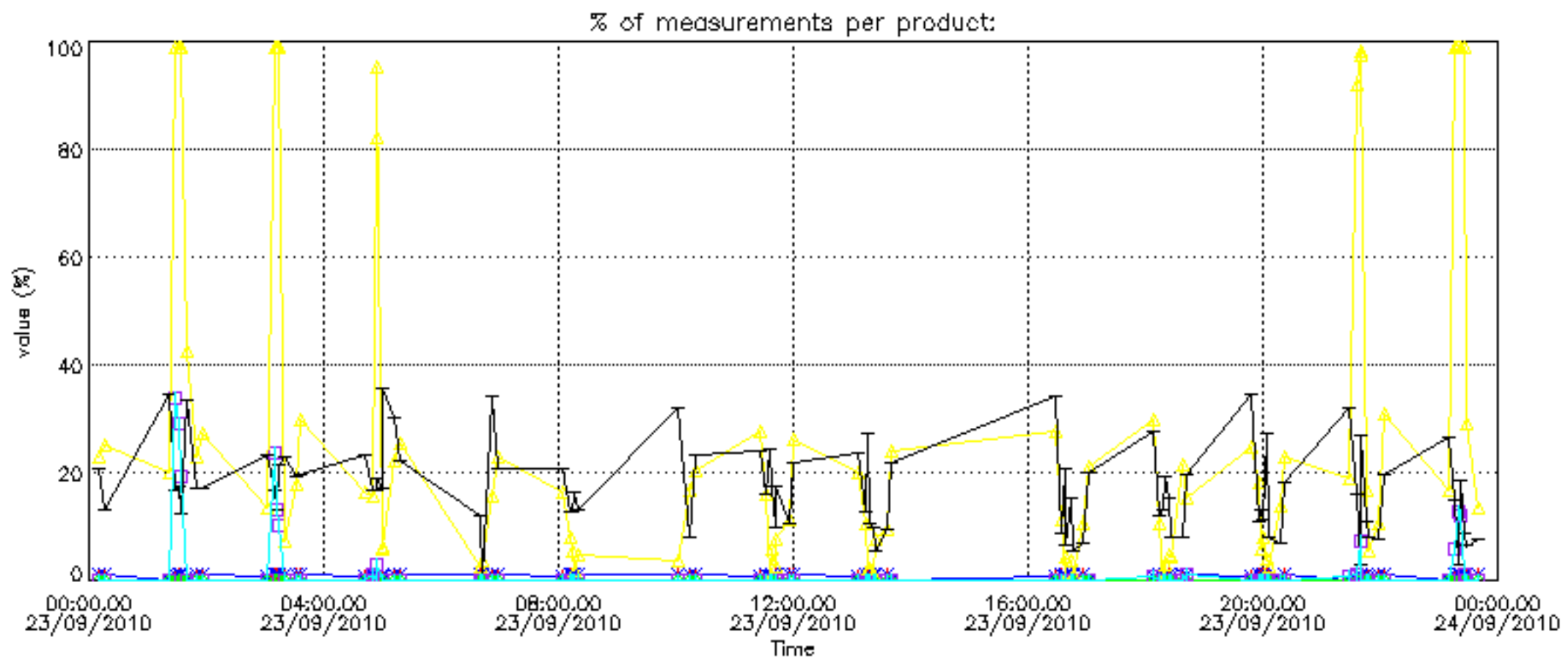


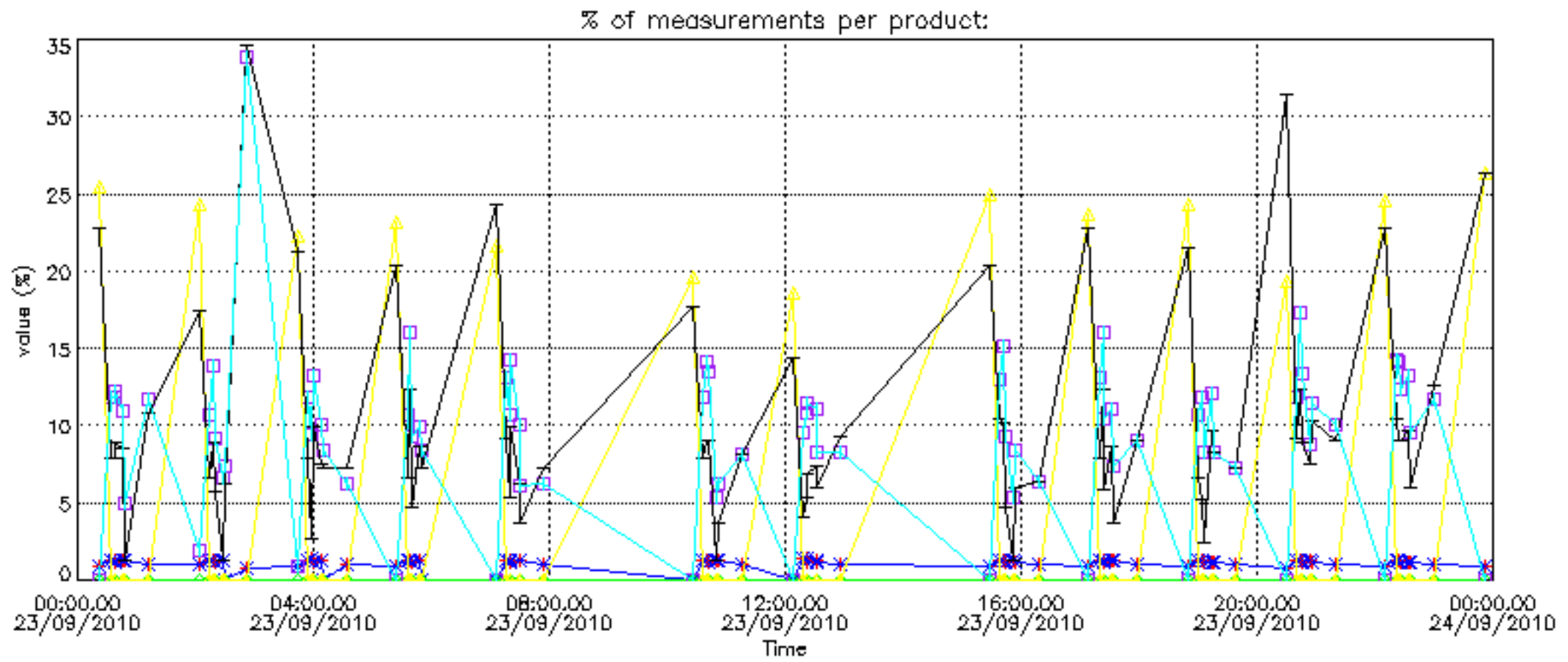
Percentage of flagged data per NO2 profile



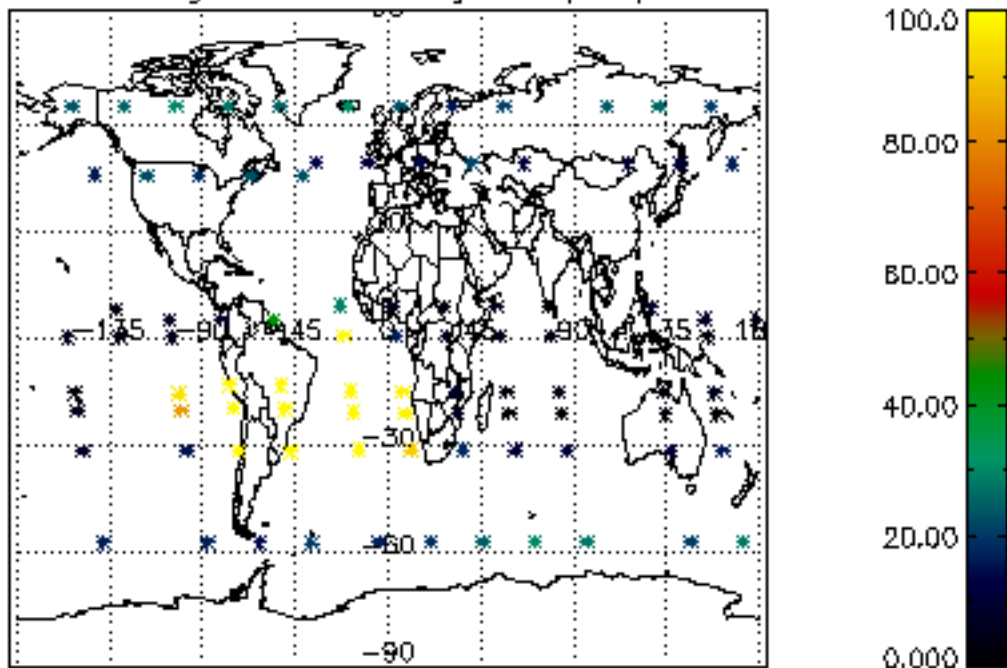
Percentage of flagged data per NO3 profile



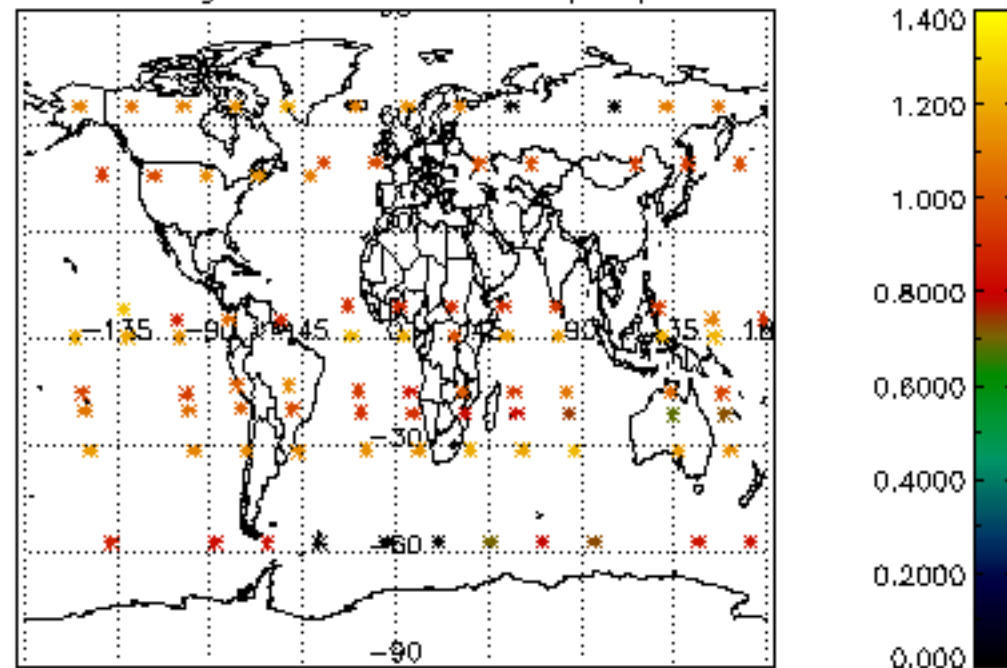




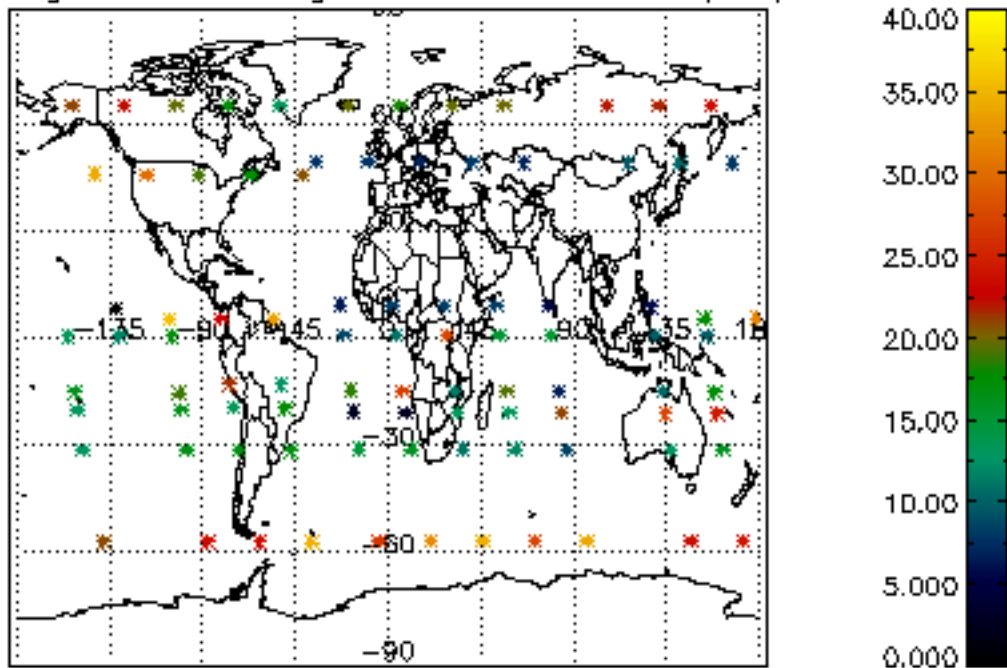
Percentage of cosmic ray hits per profile



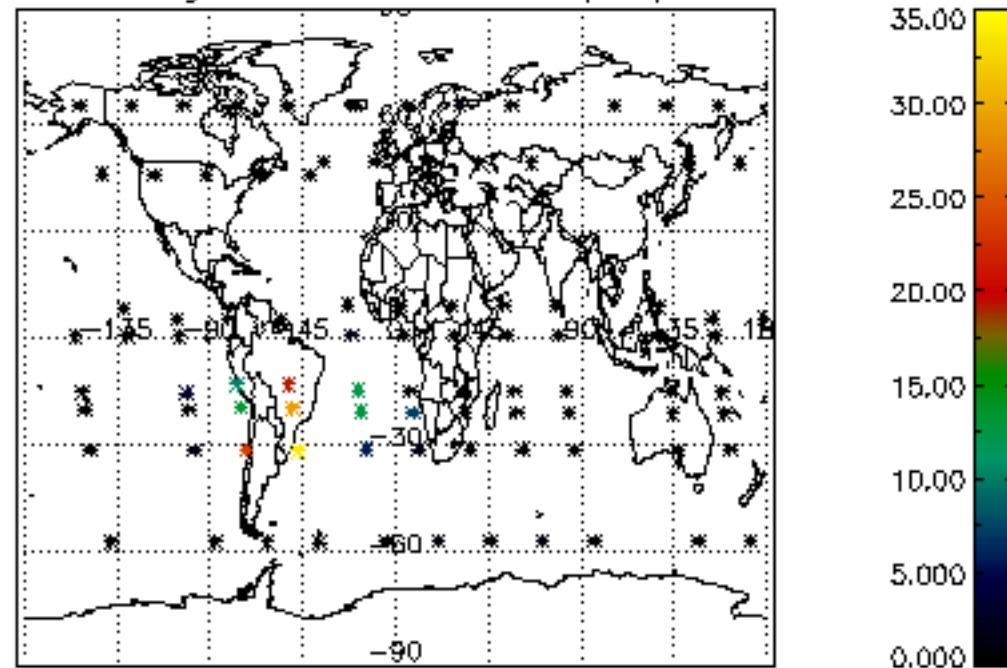
Percentage of datation errors per profile



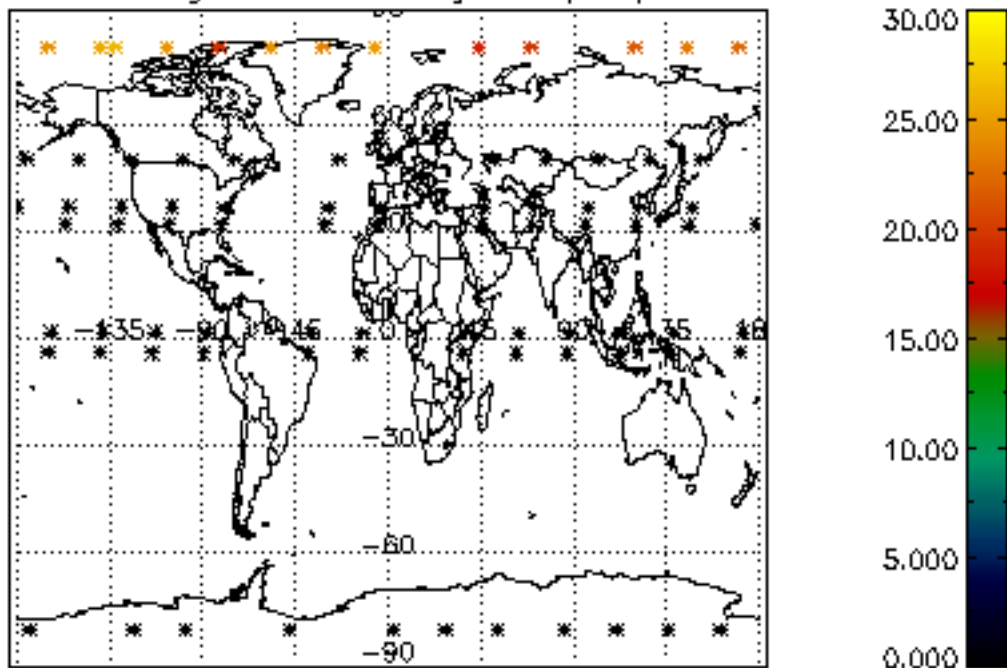
Percentage of star falling outside central band per profile



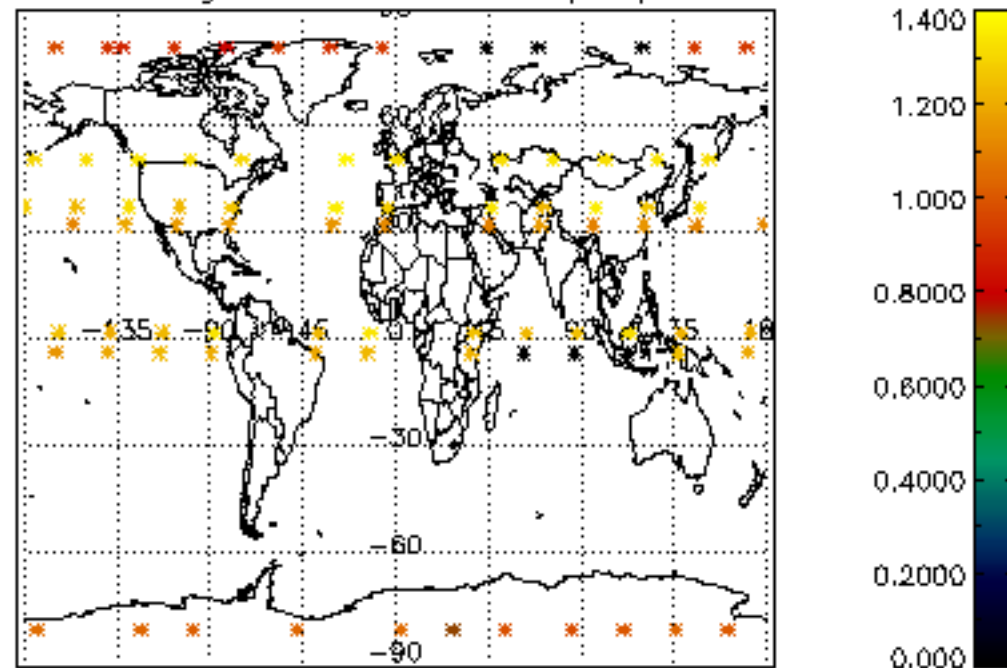
Percentage of saturation errors per profile



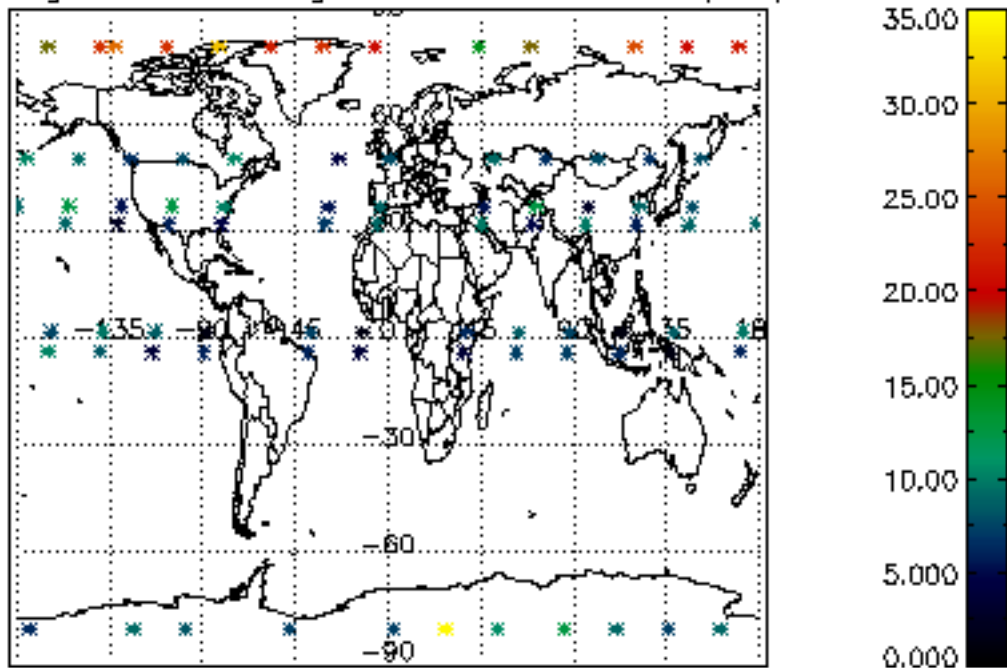
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

