

GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	23APR2013 06:23:02
Data source version	GOMOS/6.01
Start time of products	30-09-2007 (30SEP2007 00:00:00)
Stop time of products	01-10-2007 (01OCT2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	184
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__2PRFIN20070930_035707_00000972062_00076_29188_9363.N1	30-SEP-2007 03:57:07	Dark	97.000	9	Alp Eri	0.45300	24000.	194	29188	No
2	GOM_NL__2PRFIN20070930_040230_00000942062_00076_29188_9364.N1	30-SEP-2007 04:02:30	Straylight	93.500	84	Alp Phe	2.3970	4500.0	187	29188	No
3	GOM_NL__2PRFIN20070930_041942_00000882062_00076_29188_9365.N1	30-SEP-2007 04:19:42	Bright	87.500	90	54Alp Peg	2.4870	11000.	175	29188	No
4	GOM_NL__2PRFIN20070930_042323_00000862062_00076_29188_9366.N1	30-SEP-2007 04:23:23	Bright	85.500	93	53Bet Peg	2.5200	3100.0	171	29188	No
5	GOM_NL__2PRFIN20070930_044044_00000852062_00076_29188_9367.N1	30-SEP-2007 04:40:44	Bright	85.000	49	1Alp UMi	1.9900	6300.0	170	29188	No
6	GOM_NL__2PRFIN20070930_044839_00000882062_00076_29188_9368.N1	30-SEP-2007 04:48:39	Bright	87.500	36	50Alp UMa	1.8000	6300.0	175	29188	No
7	GOM_NL__2PRFIN20070930_045959_00000972062_00076_29188_9369.N1	30-SEP-2007 04:59:59	Bright	96.500	166	17Eps Leo	2.9800	6000.0	193	29188	No
8	GOM_NL__2PRFIN20070930_050929_00000972062_00076_29188_9370.N1	30-SEP-2007 05:09:29	Twilight	96.500	48	30Alp Hya	1.9770	4100.0	193	29188	No
9	GOM_NL__2PRFIN20070930_051620_00001042062_00076_29188_9371.N1	30-SEP-2007 05:16:20	Dark	103.50	132	15Rho Pup	2.8030	6900.0	207	29188	No
10	GOM_NL__2PRFIN20070930_051911_00000912062_00076_29188_9372.N1	30-SEP-2007 05:19:11	Dark	90.500	65	Lam Vel	2.2040	4400.0	181	29188	No
11	GOM_NL__2PRFIN20070930_052142_00000952062_00076_29188_9373.N1	30-SEP-2007 05:21:42	Dark	94.500	34	Gam2Vel	1.7930	23000.	189	29188	No
12	GOM_NL__2PRFIN20070930_053743_00000962062_00077_29189_9377.N1	30-SEP-2007 05:37:43	Dark	96.000	9	Alp Eri	0.45300	24000.	192	29189	No
13	GOM_NL__2PRFIN20070930_054306_00000962062_00077_29189_9378.N1	30-SEP-2007 05:43:06	Straylight	95.500	84	Alp Phe	2.3970	4500.0	191	29189	No
14	GOM_NL__2PRFIN20070930_060018_00000872062_00077_29189_9379.N1	30-SEP-2007 06:00:18	Bright	87.000	90	54Alp Peg	2.4870	11000.	174	29189	No
15	GOM_NL__2PRFIN20070930_060359_00000862062_00077_29189_9380.N1	30-SEP-2007 06:03:59	Bright	86.000	93	53Bet Peg	2.5200	3100.0	172	29189	No
16	GOM_NL__2PRFIN20070930_062120_00000922062_00077_29189_9381.N1	30-SEP-2007 06:21:20	Bright	91.500	49	1Alp UMi	1.9900	6300.0	183	29189	No
17	GOM_NL__2PRFIN20070930_062915_00000872062_00077_29189_9382.N1	30-SEP-2007 06:29:15	Bright	87.000	36	50Alp UMa	1.8000	6300.0	174	29189	No
18	GOM_NL__2PRFIN20070930_064035_00000862062_00077_29189_9383.N1	30-SEP-2007 06:40:35	Bright	85.500	166	17Eps Leo	2.9800	6000.0	171	29189	No
19	GOM_NL__2PRFIN20070930_065005_00001032062_00077_29189_9384.N1	30-SEP-2007 06:50:05	Twilight	102.50	48	30Alp Hya	1.9770	4100.0	205	29189	No
20	GOM_NL__2PRFIN20070930_065657_00001052062_00077_29189_9385.N1	30-SEP-2007 06:56:57	Dark	105.00	132	15Rho Pup	2.8030	6900.0	210	29189	No
21	GOM_NL__2PRFIN20070930_065947_00000942062_00077_29189_9386.N1	30-SEP-2007 06:59:47	Dark	94.000	65	Lam Vel	2.2040	4400.0	188	29189	No
22	GOM_NL__2PRFIN20070930_070219_00000952062_00077_29189_9387.N1	30-SEP-2007 07:02:19	Dark	94.500	34	Gam2Vel	1.7930	23000.	189	29189	No
23	GOM_NL__2PRFIN20070930_070653_00000422062_00078_29190_9393.N1	30-SEP-2007 07:06:53	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	29190	No
24	GOM_NL__2PRFIN20070930_070817_00000482062_00078_29190_9394.N1	30-SEP-2007 07:08:17	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	29190	No
25	GOM_NL__2PRFIN20070930_071744_00000382062_00078_29190_9395.N1	30-SEP-2007 07:17:44	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	29190	No
26	GOM_NL__2PRFIN20070930_071912_00000512062_00078_29190_9396.N1	30-SEP-2007 07:19:12	Dark	50.500	9	Alp Eri	0.45300	24000.	101	29190	No
27	GOM_NL__2PRFIN20070930_072435_00000422062_00078_29190_9397.N1	30-SEP-2007 07:24:35	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	29190	No
28	GOM_NL__2PRFIN20070930_074146_00000362062_00078_29190_9398.N1	30-SEP-2007 07:41:46	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	29190	No
29	GOM_NL__2PRFIN20070930_074525_00000392062_00078_29190_9399.N1	30-SEP-2007 07:45:25	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	29190	No
30	GOM_NL__2PRFIN20070930_075454_00000392062_00078_29190_9400.N1	30-SEP-2007 07:54:54	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	29190	No
31	GOM_NL__2PRFIN20070930_080247_00000352062_00078_29190_9401.N1	30-SEP-2007 08:02:47	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	29190	No
32	GOM_NL__2PRFIN20070930_081042_00000372062_00078_29190_9402.N1	30-SEP-2007 08:10:42	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	29190	No
33	GOM_NL__2PRFIN20070930_081212_00000522062_00078_29190_9403.N1	30-SEP-2007 08:12:12	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	29190	No
34	GOM_NL__2PRFIN20070930_082203_00000342062_00078_29190_9404.N1	30-SEP-2007 08:22:03	Bright	34.000	166	17Eps Leo	2.9800	6000.0	68	29190	No
35	GOM_NL__2PRFIN20070930_083134_00000492062_00078_29190_9405.N1	30-SEP-2007 08:31:34	Twilight	48.500	48	30Alp Hya	1.9770	4100.0	97	29190	No
36	GOM_NL__2PRFIN20070930_083832_00000452062_00078_29190_9406.N1	30-SEP-2007 08:38:32	Dark	44.500	132	15Rho Pup	2.8030	6900.0	89	29190	No
37	GOM_NL__2PRFIN20070930_084115_00000462062_00078_29190_9407.N1	30-SEP-2007 08:41:15	Dark	46.000	65	Lam Vel	2.2040	4400.0	92	29190	No
38	GOM_NL__2PRFIN20070930_084347_00000402062_00078_29190_9408.N1	30-SEP-2007 08:43:47	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	29190	No
39	GOM_NL__2PRFIN20070930_084729_00000422062_00079_29191_9405.N1	30-SEP-2007 08:47:29	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	29191	No
40	GOM_NL__2PRFIN20070930_084854_00000602062_00079_29191_9406.N1	30-SEP-2007 08:48:54	Dark	60.000	2	Alp Car	-0.73600	7000.0	120	29191	No
41	GOM_NL__2PRFIN20070930_085820_00000392062_00079_29191_9407.N1	30-SEP-2007 08:58:20	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	29191	No
42	GOM_NL__2PRFIN20070930_085948_00000452062_00079_29191_9408.N1	30-SEP-2007 08:59:48	Dark	44.500	9	Alp Eri	0.45300	24000.	89	29191	No

43	GOM_NL__2PRFIN20070930_090512_000000392062_00079_29191_9409.N1	30-SEP-2007 09:05:12	Straylight	39.000	84	Alp Phe	2.3970	4500.0	78	29191	No
44	GOM_NL__2PRFIN20070930_092222_000000362062_00079_29191_9410.N1	30-SEP-2007 09:22:22	Bright	35.500	90	54Alp Peg	2.4870	11000.	71	29191	No
45	GOM_NL__2PRFIN20070930_092601_000000352062_00079_29191_9411.N1	30-SEP-2007 09:26:01	Bright	35.000	93	53Bet Peg	2.5200	3100.0	70	29191	No
46	GOM_NL__2PRFIN20070930_093530_000000392062_00079_29191_9412.N1	30-SEP-2007 09:35:30	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	29191	No
47	GOM_NL__2PRFIN20070930_094323_000000352062_00079_29191_9413.N1	30-SEP-2007 09:43:23	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	29191	No
48	GOM_NL__2PRFIN20070930_095118_000000362062_00079_29191_9414.N1	30-SEP-2007 09:51:18	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	29191	No
49	GOM_NL__2PRFIN20070930_095248_000000352062_00079_29191_9415.N1	30-SEP-2007 09:52:48	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	29191	No
50	GOM_NL__2PRFIN20070930_100239_000000342062_00079_29191_9416.N1	30-SEP-2007 10:02:39	Bright	34.000	166	17Eps Leo	2.9800	6000.0	68	29191	No
51	GOM_NL__2PRFIN20070930_101210_000000522062_00079_29191_9417.N1	30-SEP-2007 10:12:10	Twilight	51.500	48	30Alp Hya	1.9770	4100.0	103	29191	No
52	GOM_NL__2PRFIN20070930_101909_000000462062_00079_29191_9418.N1	30-SEP-2007 10:19:09	Dark	45.500	132	15Rho Pup	2.8030	6900.0	91	29191	No
53	GOM_NL__2PRFIN20070930_102151_000000432062_00079_29191_9419.N1	30-SEP-2007 10:21:51	Dark	42.500	65	Lam Vel	2.2040	4400.0	85	29191	No
54	GOM_NL__2PRFIN20070930_102424_000000452062_00079_29191_9420.N1	30-SEP-2007 10:24:24	Dark	44.500	34	Gam2Vel	1.7930	23000.	89	29191	No
55	GOM_NL__2PRFIN20070930_102806_000000422062_00080_29192_9415.N1	30-SEP-2007 10:28:06	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	29192	No
56	GOM_NL__2PRFIN20070930_102930_000000602062_00080_29192_9416.N1	30-SEP-2007 10:29:30	Dark	59.500	2	Alp Car	-0.73600	7000.0	119	29192	No
57	GOM_NL__2PRFIN20070930_103857_000000412062_00080_29192_9417.N1	30-SEP-2007 10:38:57	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	29192	No
58	GOM_NL__2PRFIN20070930_104024_000000462062_00080_29192_9418.N1	30-SEP-2007 10:40:24	Dark	45.500	9	Alp Eri	0.45300	24000.	91	29192	No
59	GOM_NL__2PRFIN20070930_104548_000000402062_00080_29192_9419.N1	30-SEP-2007 10:45:48	Straylight	40.000	84	Alp Phe	2.3970	4500.0	80	29192	No
60	GOM_NL__2PRFIN20070930_110258_000000352062_00080_29192_9420.N1	30-SEP-2007 11:02:58	Bright	35.000	90	54Alp Peg	2.4870	11000.	70	29192	No
61	GOM_NL__2PRFIN20070930_110637_000000372062_00080_29192_9421.N1	30-SEP-2007 11:06:37	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	29192	No
62	GOM_NL__2PRFIN20070930_111606_000000392062_00080_29192_9422.N1	30-SEP-2007 11:16:06	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	29192	No
63	GOM_NL__2PRFIN20070930_112359_000000332062_00080_29192_9423.N1	30-SEP-2007 11:23:59	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	29192	No
64	GOM_NL__2PRFIN20070930_113154_000000362062_00080_29192_9424.N1	30-SEP-2007 11:31:54	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	29192	No
65	GOM_NL__2PRFIN20070930_113324_000000522062_00080_29192_9425.N1	30-SEP-2007 11:33:24	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	29192	No
66	GOM_NL__2PRFIN20070930_114315_000000352062_00080_29192_9426.N1	30-SEP-2007 11:43:15	Bright	34.500	166	17Eps Leo	2.9800	6000.0	69	29192	No
67	GOM_NL__2PRFIN20070930_115246_000000482062_00080_29192_9427.N1	30-SEP-2007 11:52:46	Twilight	47.500	48	30Alp Hya	1.9770	4100.0	95	29192	No
68	GOM_NL__2PRFIN20070930_115946_000000462062_00080_29192_9428.N1	30-SEP-2007 11:59:46	Dark	45.500	132	15Rho Pup	2.8030	6900.0	91	29192	No
69	GOM_NL__2PRFIN20070930_120227_000000442062_00080_29192_9429.N1	30-SEP-2007 12:02:27	Dark	43.500	65	Lam Vel	2.2040	4400.0	87	29192	No
70	GOM_NL__2PRFIN20070930_120500_000000422062_00080_29192_9430.N1	30-SEP-2007 12:05:00	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	29192	No
71	GOM_NL__2PRFIN20070930_120843_000000422062_00081_29193_9441.N1	30-SEP-2007 12:08:43	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	29193	No
72	GOM_NL__2PRFIN20070930_121007_000000482062_00081_29193_9442.N1	30-SEP-2007 12:10:07	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	29193	No
73	GOM_NL__2PRFIN20070930_121933_000000402062_00081_29193_9443.N1	30-SEP-2007 12:19:33	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	29193	No
74	GOM_NL__2PRFIN20070930_122101_000000402062_00081_29193_9444.N1	30-SEP-2007 12:21:01	Dark	39.500	9	Alp Eri	0.45300	24000.	79	29193	No
75	GOM_NL__2PRFIN20070930_122624_000000432062_00081_29193_9445.N1	30-SEP-2007 12:26:24	Straylight	42.500	84	Alp Phe	2.3970	4500.0	85	29193	No
76	GOM_NL__2PRFIN20070930_124334_000000362062_00081_29193_9446.N1	30-SEP-2007 12:43:34	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	29193	No
77	GOM_NL__2PRFIN20070930_124713_000000342062_00081_29193_9447.N1	30-SEP-2007 12:47:13	Bright	34.000	93	53Bet Peg	2.5200	3100.0	68	29193	No
78	GOM_NL__2PRFIN20070930_125641_000000392062_00081_29193_9448.N1	30-SEP-2007 12:56:41	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	29193	No
79	GOM_NL__2PRFIN20070930_130435_000000352062_00081_29193_9449.N1	30-SEP-2007 13:04:35	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	29193	No
80	GOM_NL__2PRFIN20070930_131230_000000512062_00081_29193_9450.N1	30-SEP-2007 13:12:30	Bright	50.500	36	50Alp UMa	1.8000	6300.0	101	29193	No
81	GOM_NL__2PRFIN20070930_131400_000000372062_00081_29193_9451.N1	30-SEP-2007 13:14:00	Bright	36.500	82	48Bet UMa	2.3650	10600.	73	29193	No
82	GOM_NL__2PRFIN20070930_132351_000000352062_00081_29193_9452.N1	30-SEP-2007 13:23:51	Bright	34.500	166	17Eps Leo	2.9800	6000.0	69	29193	No
83	GOM_NL__2PRFIN20070930_133323_000000432062_00081_29193_9453.N1	30-SEP-2007 13:33:23	Twilight	43.000	48	30Alp Hya	1.9770	4100.0	86	29193	No
84	GOM_NL__2PRFIN20070930_134022_000000482062_00081_29193_9454.N1	30-SEP-2007 13:40:22	Dark	47.500	132	15Rho Pup	2.8030	6900.0	95	29193	No
85	GOM_NL__2PRFIN20070930_134303_000000462062_00081_29193_9455.N1	30-SEP-2007 13:43:03	Dark	45.500	65	Lam Vel	2.2040	4400.0	91	29193	No
86	GOM_NL__2PRFIN20070930_134537_000000382062_00081_29193_9456.N1	30-SEP-2007 13:45:37	Dark	38.000	34	Gam2Vel	1.7930	23000.	76	29193	No
87	GOM_NL__2PRFIN20070930_134919_000000422062_00082_29194_9449.N1	30-SEP-2007 13:49:19	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	29194	No
88	GOM_NL__2PRFIN20070930_135044_000000452062_00082_29194_9450.N1	30-SEP-2007 13:50:44	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	29194	No
89	GOM_NL__2PRFIN20070930_140009_000000382062_00082_29194_9451.N1	30-SEP-2007 14:00:09	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	29194	No
90	GOM_NL__2PRFIN20070930_140137_000000402062_00082_29194_9452.N1	30-SEP-2007 14:01:37	Dark	39.500	9	Alp Eri	0.45300	24000.	79	29194	No
91	GOM_NL__2PRFIN20070930_140700_000000442062_00082_29194_9453.N1	30-SEP-2007 14:07:00	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	29194	No
92	GOM_NL__2PRFIN20070930_142410_000000362062_00082_29194_9454.N1	30-SEP-2007 14:24:10	Bright	35.500	90	54Alp Peg	2.4870	11000.	71	29194	No
93	GOM_NL__2PRFIN20070930_142749_000000372062_00082_29194_9455.N1	30-SEP-2007 14:27:49	Bright	36.500	93	53Bet Peg	2.5200	3100.0	73	29194	No
94	GOM_NL__2PRFIN20070930_143717_000000382062_00082_29194_9456.N1	30-SEP-2007 14:37:17	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	29194	No
95	GOM_NL__2PRFIN20070930_144511_000000342062_00082_29194_9457.N1	30-SEP-2007 14:45:11	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	29194	No
96	GOM_NL__2PRFIN20070930_145306_000000362062_00082_29194_9458.N1	30-SEP-2007 14:53:06	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	29194	No
97	GOM_NL__2PRFIN20070930_145436_000000512062_00082_29194_9459.N1	30-SEP-2007 14:54:36	Bright	51.000	82	48Bet UMa	2.3650	10600.	102	29194	No
98	GOM_NL__2PRFIN20070930_150428_000000352062_00082_29194_9460.N1	30-SEP-2007 15:04:28	Bright	34.500	166	17Eps Leo	2.9800	6000.0	69	29194	No
99	GOM_NL__2PRFIN20070930_151359_000000482062_00082_29194_9461.N1	30-SEP-2007 15:13:59	Twilight	48.000	48	30Alp Hya	1.9770	4100.0	96	29194	No
100	GOM_NL__2PRFIN20070930_152059_000000452062_00082_29194_9462.N1	30-SEP-2007 15:20:59	Dark	44.500	132	15Rho Pup	2.8030	6900.0	89	29194	No
101	GOM_NL__2PRFIN20070930_152340_000000442062_00082_29194_9463.N1	30-SEP-2007 15:23:40	Dark	43.500	65	Lam Vel	2.2040	4400.0	87	29194	No

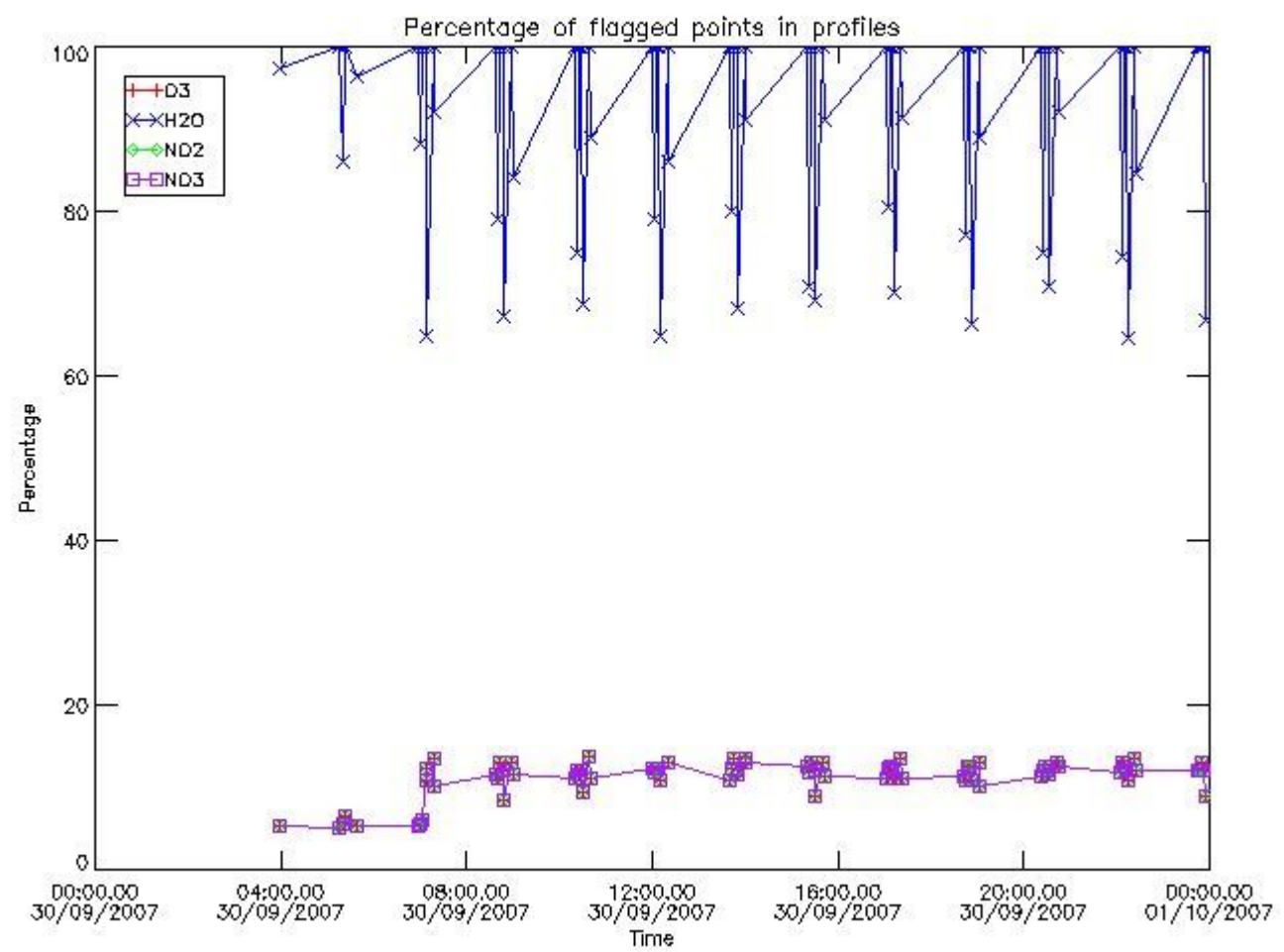
102	GOM_NL__2PRFIN20070930_152613_000000402062_00082_29194_9464.N1	30-SEP-2007 15:26:13	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	29194	No
103	GOM_NL__2PRFIN20070930_152956_000000422062_00083_29195_9469.N1	30-SEP-2007 15:29:56	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	29195	No
104	GOM_NL__2PRFIN20070930_153120_000000572062_00083_29195_9470.N1	30-SEP-2007 15:31:20	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	29195	No
105	GOM_NL__2PRFIN20070930_154046_000000392062_00083_29195_9471.N1	30-SEP-2007 15:40:46	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	29195	No
106	GOM_NL__2PRFIN20070930_154213_000000452062_00083_29195_9472.N1	30-SEP-2007 15:42:13	Dark	45.000	9	Alp Eri	0.45300	24000.	90	29195	No
107	GOM_NL__2PRFIN20070930_154736_000000442062_00083_29195_9473.N1	30-SEP-2007 15:47:36	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	29195	No
108	GOM_NL__2PRFIN20070930_160445_000000372062_00083_29195_9474.N1	30-SEP-2007 16:04:45	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	29195	No
109	GOM_NL__2PRFIN20070930_160824_000000362062_00083_29195_9475.N1	30-SEP-2007 16:08:24	Bright	35.500	93	53Bet Peg	2.5200	3100.0	71	29195	No
110	GOM_NL__2PRFIN20070930_161753_000000382062_00083_29195_9476.N1	30-SEP-2007 16:17:53	Bright	37.500	74	11Bet Cas	2.2680	6600.0	75	29195	No
111	GOM_NL__2PRFIN20070930_162547_000000362062_00083_29195_9477.N1	30-SEP-2007 16:25:47	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	29195	No
112	GOM_NL__2PRFIN20070930_163342_000000362062_00083_29195_9478.N1	30-SEP-2007 16:33:42	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	29195	No
113	GOM_NL__2PRFIN20070930_163512_000000342062_00083_29195_9479.N1	30-SEP-2007 16:35:12	Bright	34.000	82	48Bet UMa	2.3650	10600.	68	29195	No
114	GOM_NL__2PRFIN20070930_164504_000000392062_00083_29195_9480.N1	30-SEP-2007 16:45:04	Bright	38.500	166	17Eps Leo	2.9800	6000.0	77	29195	No
115	GOM_NL__2PRFIN20070930_165435_000000472062_00083_29195_9481.N1	30-SEP-2007 16:54:35	Twilight	46.500	48	30Alp Hya	1.9770	4100.0	93	29195	No
116	GOM_NL__2PRFIN20070930_170136_000000462062_00083_29195_9482.N1	30-SEP-2007 17:01:36	Dark	46.000	132	15Rho Pup	2.8030	6900.0	92	29195	No
117	GOM_NL__2PRFIN20070930_170416_000000422062_00083_29195_9483.N1	30-SEP-2007 17:04:16	Dark	41.500	65	Lam Vel	2.2040	4400.0	83	29195	No
118	GOM_NL__2PRFIN20070930_170649_000000412062_00083_29195_9484.N1	30-SEP-2007 17:06:49	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	29195	No
119	GOM_NL__2PRFIN20070930_171033_000000422062_00084_29196_9484.N1	30-SEP-2007 17:10:33	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	29196	No
120	GOM_NL__2PRFIN20070930_171157_000000462062_00084_29196_9485.N1	30-SEP-2007 17:11:57	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	29196	No
121	GOM_NL__2PRFIN20070930_172122_000000382062_00084_29196_9486.N1	30-SEP-2007 17:21:22	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	29196	No
122	GOM_NL__2PRFIN20070930_172250_000000462062_00084_29196_9487.N1	30-SEP-2007 17:22:50	Dark	46.000	9	Alp Eri	0.45300	24000.	92	29196	No
123	GOM_NL__2PRFIN20070930_172813_000000442062_00084_29196_9488.N1	30-SEP-2007 17:28:13	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	29196	No
124	GOM_NL__2PRFIN20070930_174522_000000362062_00084_29196_9489.N1	30-SEP-2007 17:45:22	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	29196	No
125	GOM_NL__2PRFIN20070930_174900_000000372062_00084_29196_9490.N1	30-SEP-2007 17:49:00	Bright	36.500	93	53Bet Peg	2.5200	3100.0	73	29196	No
126	GOM_NL__2PRFIN20070930_175828_000000392062_00084_29196_9491.N1	30-SEP-2007 17:58:28	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	29196	No
127	GOM_NL__2PRFIN20070930_180623_000000372062_00084_29196_9492.N1	30-SEP-2007 18:06:23	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	29196	No
128	GOM_NL__2PRFIN20070930_181418_000000352062_00084_29196_9493.N1	30-SEP-2007 18:14:18	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	29196	No
129	GOM_NL__2PRFIN20070930_181548_000000332062_00084_29196_9494.N1	30-SEP-2007 18:15:48	Bright	33.000	82	48Bet UMa	2.3650	10600.	66	29196	No
130	GOM_NL__2PRFIN20070930_182540_000000532062_00084_29196_9495.N1	30-SEP-2007 18:25:40	Bright	53.000	166	17Eps Leo	2.9800	6000.0	106	29196	No
131	GOM_NL__2PRFIN20070930_183512_000000452062_00084_29196_9496.N1	30-SEP-2007 18:35:12	Twilight	44.500	48	30Alp Hya	1.9770	4100.0	89	29196	No
132	GOM_NL__2PRFIN20070930_184213_000000452062_00084_29196_9497.N1	30-SEP-2007 18:42:13	Dark	45.000	132	15Rho Pup	2.8030	6900.0	90	29196	No
133	GOM_NL__2PRFIN20070930_184452_000000472062_00084_29196_9498.N1	30-SEP-2007 18:44:52	Dark	46.500	65	Lam Vel	2.2040	4400.0	93	29196	No
134	GOM_NL__2PRFIN20070930_184726_000000412062_00084_29196_9499.N1	30-SEP-2007 18:47:26	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	29196	No
135	GOM_NL__2PRFIN20070930_185110_000000412062_00085_29197_9504.N1	30-SEP-2007 18:51:10	Dark	41.000	161	Tau Pup	2.9310	4500.0	82	29197	No
136	GOM_NL__2PRFIN20070930_185234_000000472062_00085_29197_9505.N1	30-SEP-2007 18:52:34	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	29197	No
137	GOM_NL__2PRFIN20070930_190158_000000402062_00085_29197_9506.N1	30-SEP-2007 19:01:58	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	29197	No
138	GOM_NL__2PRFIN20070930_190326_000000502062_00085_29197_9507.N1	30-SEP-2007 19:03:26	Dark	50.000	9	Alp Eri	0.45300	24000.	100	29197	No
139	GOM_NL__2PRFIN20070930_190849_000000402062_00085_29197_9508.N1	30-SEP-2007 19:08:49	Straylight	39.500	84	Alp Phe	2.3970	4500.0	79	29197	No
140	GOM_NL__2PRFIN20070930_192558_000000362062_00085_29197_9509.N1	30-SEP-2007 19:25:58	Bright	35.500	90	54Alp Peg	2.4870	11000.	71	29197	No
141	GOM_NL__2PRFIN20070930_192936_000000382062_00085_29197_9510.N1	30-SEP-2007 19:29:36	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	29197	No
142	GOM_NL__2PRFIN20070930_193904_000000402062_00085_29197_9511.N1	30-SEP-2007 19:39:04	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	29197	No
143	GOM_NL__2PRFIN20070930_194659_000000362062_00085_29197_9512.N1	30-SEP-2007 19:46:59	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	29197	No
144	GOM_NL__2PRFIN20070930_195455_000000362062_00085_29197_9513.N1	30-SEP-2007 19:54:55	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	29197	No
145	GOM_NL__2PRFIN20070930_195625_000000392062_00085_29197_9514.N1	30-SEP-2007 19:56:25	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	29197	No
146	GOM_NL__2PRFIN20070930_200616_000000472062_00085_29197_9515.N1	30-SEP-2007 20:06:16	Bright	47.000	166	17Eps Leo	2.9800	6000.0	94	29197	No
147	GOM_NL__2PRFIN20070930_201548_000000492062_00085_29197_9516.N1	30-SEP-2007 20:15:48	Twilight	48.500	48	30Alp Hya	1.9770	4100.0	97	29197	No
148	GOM_NL__2PRFIN20070930_202249_000000452062_00085_29197_9517.N1	30-SEP-2007 20:22:49	Dark	45.000	132	15Rho Pup	2.8030	6900.0	90	29197	No
149	GOM_NL__2PRFIN20070930_202529_000000432062_00085_29197_9518.N1	30-SEP-2007 20:25:29	Dark	42.500	65	Lam Vel	2.2040	4400.0	85	29197	No
150	GOM_NL__2PRFIN20070930_202802_000000412062_00085_29197_9519.N1	30-SEP-2007 20:28:02	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	29197	No
151	GOM_NL__2PRFIN20070930_203146_000000422062_00086_29198_9516.N1	30-SEP-2007 20:31:46	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	29198	No
152	GOM_NL__2PRFIN20070930_203310_000000492062_00086_29198_9517.N1	30-SEP-2007 20:33:10	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	29198	No
153	GOM_NL__2PRFIN20070930_204235_000000402062_00086_29198_9518.N1	30-SEP-2007 20:42:35	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	29198	No
154	GOM_NL__2PRFIN20070930_204402_000000452062_00086_29198_9519.N1	30-SEP-2007 20:44:02	Dark	44.500	9	Alp Eri	0.45300	24000.	89	29198	No
155	GOM_NL__2PRFIN20070930_204925_000000482062_00086_29198_9520.N1	30-SEP-2007 20:49:25	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	29198	No
156	GOM_NL__2PRFIN20070930_210634_000000372062_00086_29198_9521.N1	30-SEP-2007 21:06:34	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	29198	No
157	GOM_NL__2PRFIN20070930_211012_000000362062_00086_29198_9522.N1	30-SEP-2007 21:10:12	Bright	36.000	93	53Bet Peg	2.5200	3100.0	72	29198	No
158	GOM_NL__2PRFIN20070930_211940_000000372062_00086_29198_9523.N1	30-SEP-2007 21:19:40	Bright	36.500	74	11Bet Cas	2.2680	6600.0	73	29198	No
159	GOM_NL__2PRFIN20070930_212735_000000362062_00086_29198_9524.N1	30-SEP-2007 21:27:35	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	29198	No
160	GOM_NL__2PRFIN20070930_213531_000000472062_00086_29198_9525.N1	30-SEP-2007 21:35:31	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	29198	No

161	GOM_NL__2PRFIN20070930_213701_000000342062_00086_29198_9526.N1	30-SEP-2007 21:37:01	Bright	33.500	82	48Bet UMa	2.3650	10600.	67	29198	No
162	GOM_NL__2PRFIN20070930_214652_000000482062_00086_29198_9527.N1	30-SEP-2007 21:46:52	Bright	47.500	166	17Eps Leo	2.9800	6000.0	95	29198	No
163	GOM_NL__2PRFIN20070930_215624_000000532062_00086_29198_9528.N1	30-SEP-2007 21:56:24	Twilight	52.500	48	30Alp Hya	1.9770	4100.0	105	29198	No
164	GOM_NL__2PRFIN20070930_220326_000000432062_00086_29198_9529.N1	30-SEP-2007 22:03:26	Dark	43.000	132	15Rho Pup	2.8030	6900.0	86	29198	No
165	GOM_NL__2PRFIN20070930_220605_000000402062_00086_29198_9530.N1	30-SEP-2007 22:06:05	Dark	39.500	65	Lam Vel	2.2040	4400.0	79	29198	No
166	GOM_NL__2PRFIN20070930_220839_000000412062_00086_29198_9531.N1	30-SEP-2007 22:08:39	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	29198	No
167	GOM_NL__2PRFIN20070930_221223_000000422062_00087_29199_9530.N1	30-SEP-2007 22:12:23	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	29199	No
168	GOM_NL__2PRFIN20070930_221347_000000472062_00087_29199_9531.N1	30-SEP-2007 22:13:47	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	29199	No
169	GOM_NL__2PRFIN20070930_222311_000000382062_00087_29199_9532.N1	30-SEP-2007 22:23:11	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	29199	No
170	GOM_NL__2PRFIN20070930_222439_000000432062_00087_29199_9533.N1	30-SEP-2007 22:24:39	Dark	42.500	9	Alp Eri	0.45300	24000.	85	29199	No
171	GOM_NL__2PRFIN20070930_223001_000000452062_00087_29199_9534.N1	30-SEP-2007 22:30:01	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	29199	No
172	GOM_NL__2PRFIN20070930_224709_000000352062_00087_29199_9535.N1	30-SEP-2007 22:47:09	Bright	35.000	90	54Alp Peg	2.4870	11000.	70	29199	No
173	GOM_NL__2PRFIN20070930_225048_000000372062_00087_29199_9536.N1	30-SEP-2007 22:50:48	Bright	36.500	93	53Bet Peg	2.5200	3100.0	73	29199	No
174	GOM_NL__2PRFIN20070930_230015_000000392062_00087_29199_9537.N1	30-SEP-2007 23:00:15	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	29199	No
175	GOM_NL__2PRFIN20070930_230811_000000362062_00087_29199_9538.N1	30-SEP-2007 23:08:11	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	29199	No
176	GOM_NL__2PRFIN20070930_231607_000000372062_00087_29199_9539.N1	30-SEP-2007 23:16:07	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	29199	No
177	GOM_NL__2PRFIN20070930_231737_000000422062_00087_29199_9540.N1	30-SEP-2007 23:17:37	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	29199	No
178	GOM_NL__2PRFIN20070930_232728_000000372062_00087_29199_9541.N1	30-SEP-2007 23:27:28	Bright	37.000	166	17Eps Leo	2.9800	6000.0	74	29199	No
179	GOM_NL__2PRFIN20070930_233700_000000412062_00087_29199_9542.N1	30-SEP-2007 23:37:00	Twilight	40.500	48	30Alp Hya	1.9770	4100.0	81	29199	No
180	GOM_NL__2PRFIN20070930_234403_000000432062_00087_29199_9543.N1	30-SEP-2007 23:44:03	Dark	42.500	132	15Rho Pup	2.8030	6900.0	85	29199	No
181	GOM_NL__2PRFIN20070930_234641_000000432062_00087_29199_9544.N1	30-SEP-2007 23:46:41	Dark	42.500	65	Lam Vel	2.2040	4400.0	85	29199	No
182	GOM_NL__2PRFIN20070930_234915_000000402062_00087_29199_9545.N1	30-SEP-2007 23:49:15	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	29199	No
183	GOM_NL__2PRFIN20070930_235259_000000432062_00088_29200_9544.N1	30-SEP-2007 23:52:59	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	29200	No
184	GOM_NL__2PRFIN20070930_235423_000000582062_00088_29200_9545.N1	30-SEP-2007 23:54:23	Dark	57.500	2	Alp Car	-0.73600	7000.0	115	29200	No

3. Quality information per product

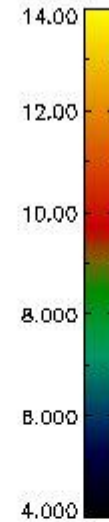
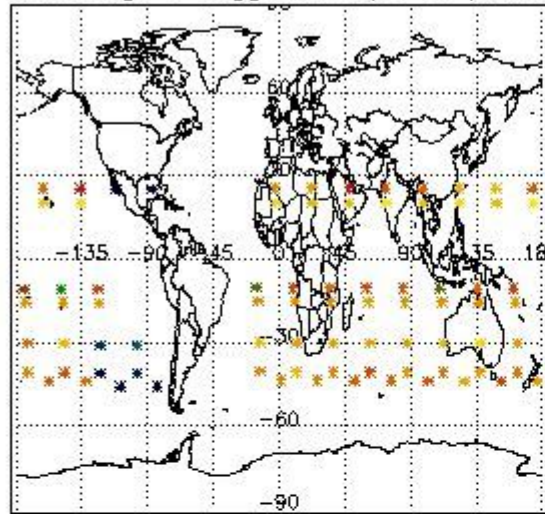
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

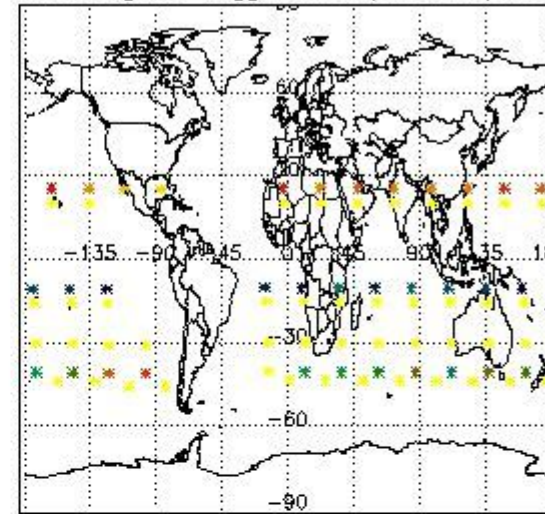


3.2 Plot quality information per product (world map)

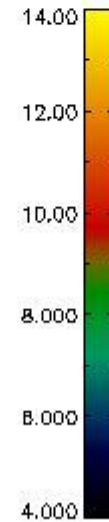
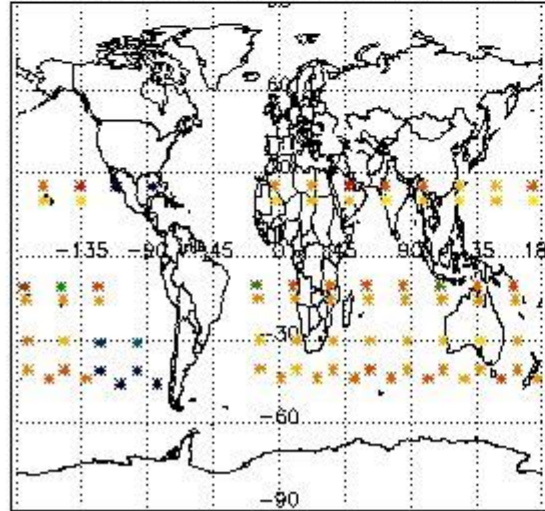
Percentage of flagged data per O3 profile



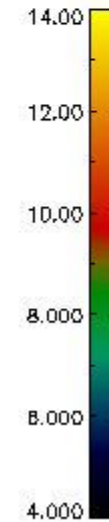
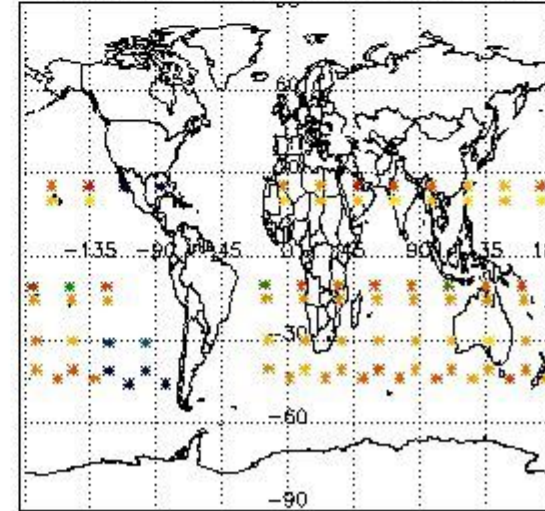
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

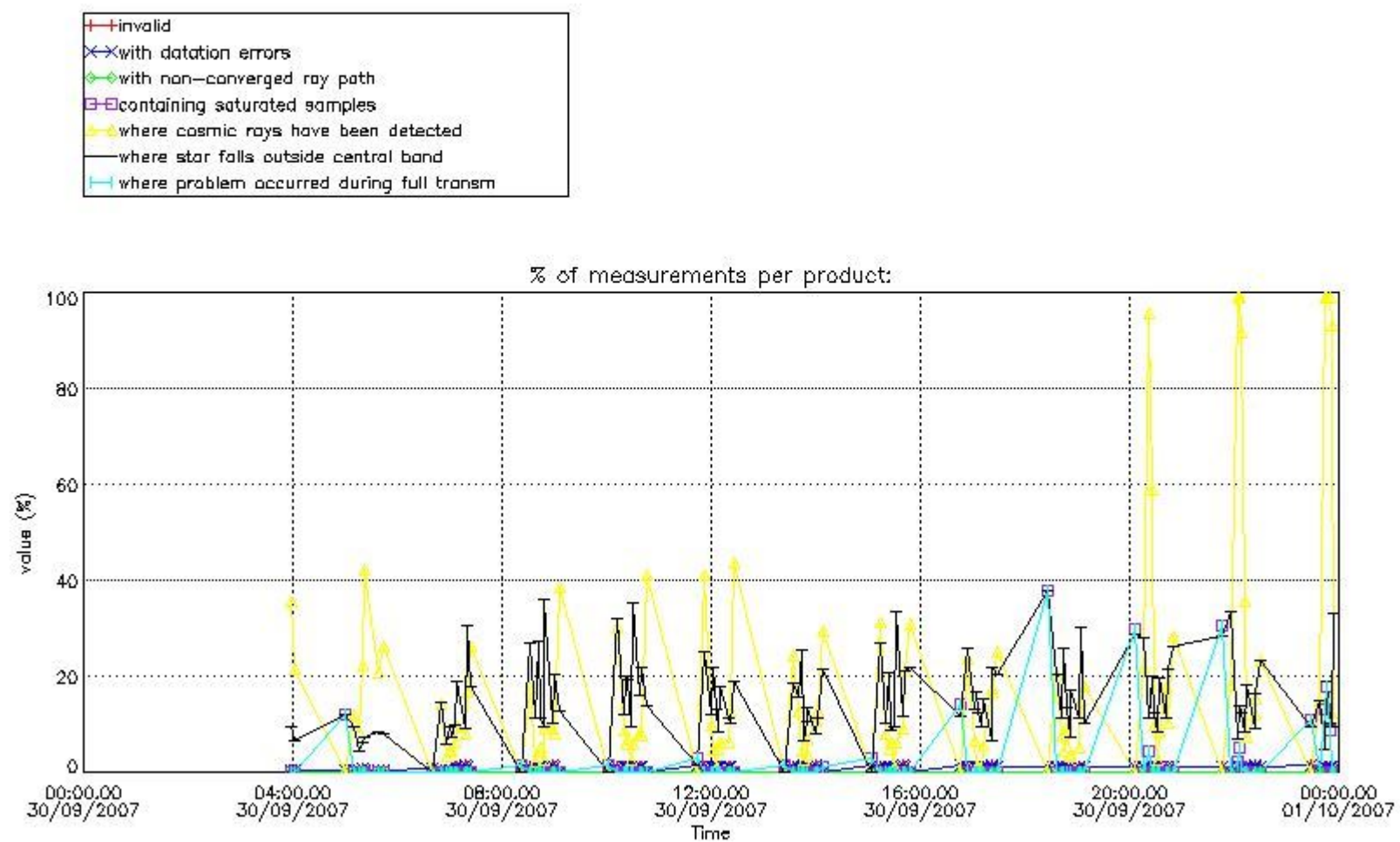


4. Level 1 quality information per product

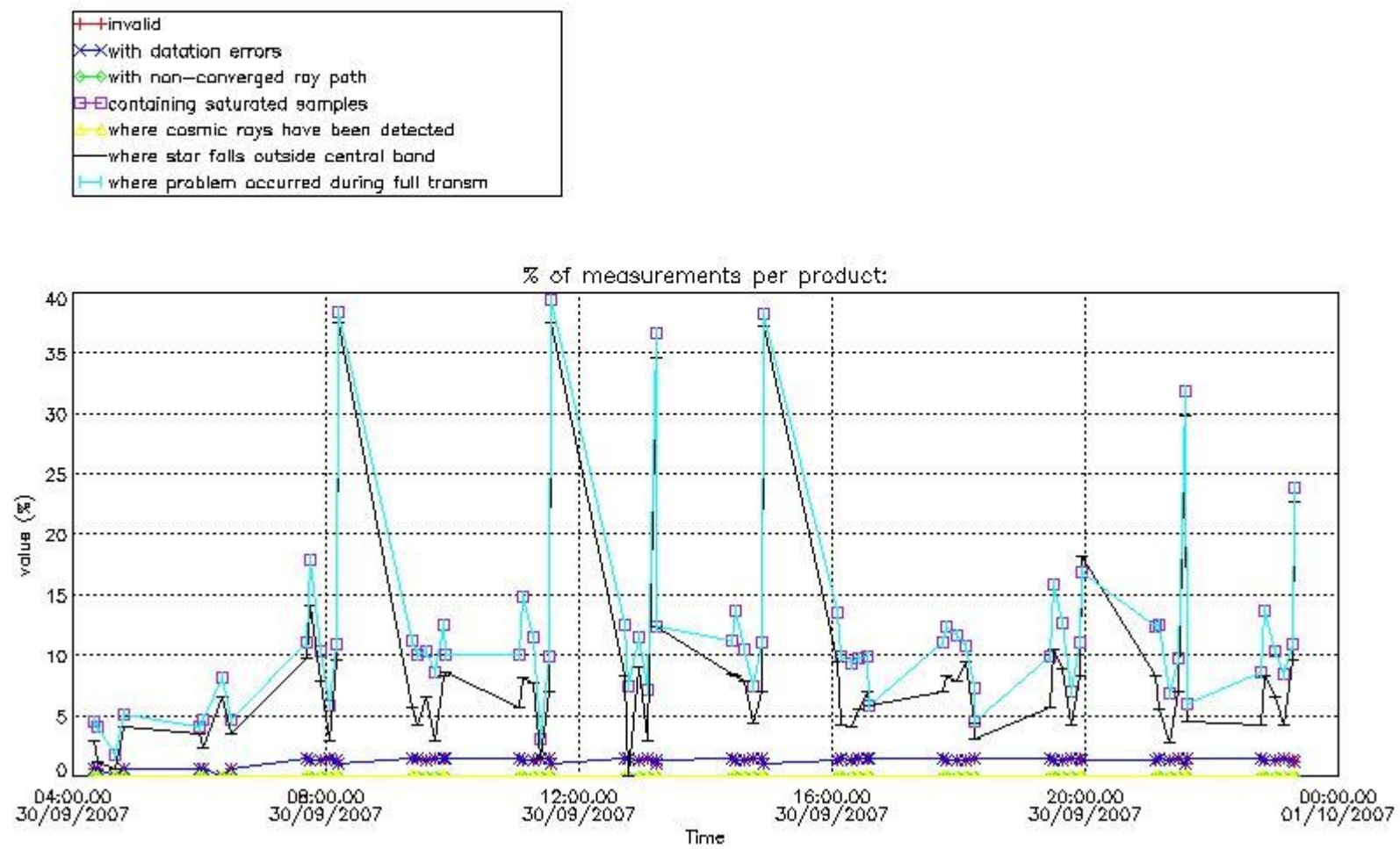
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



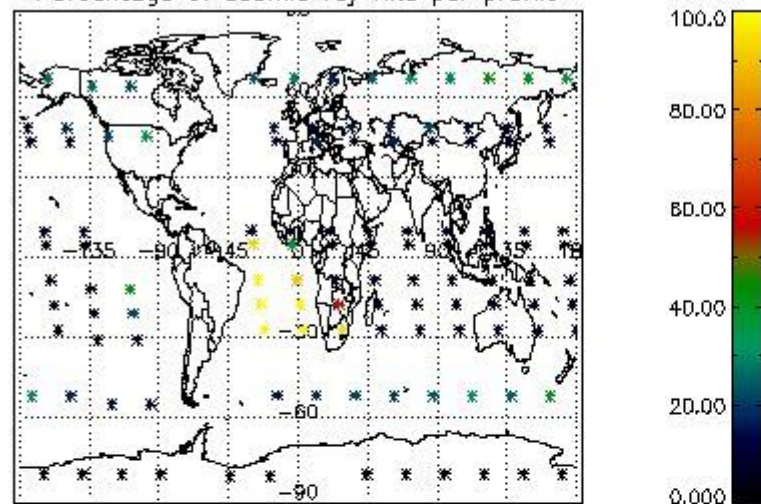
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



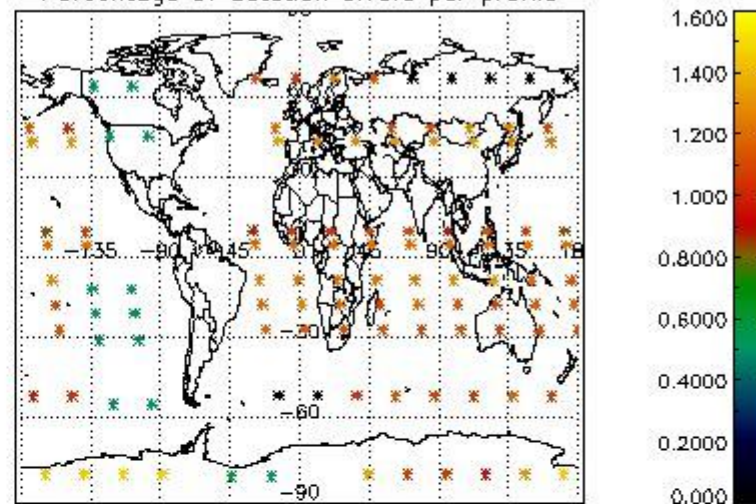
4.2 Plot quality information per product coming from level 1b processing (world map)

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

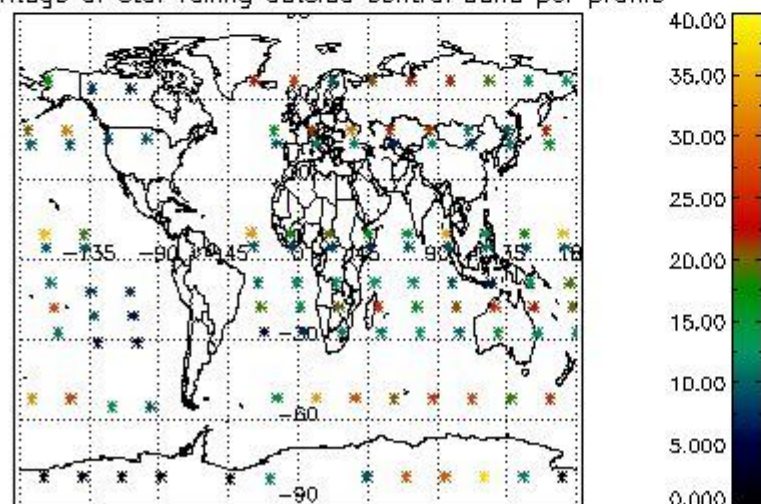
Percentage of cosmic ray hits per profile



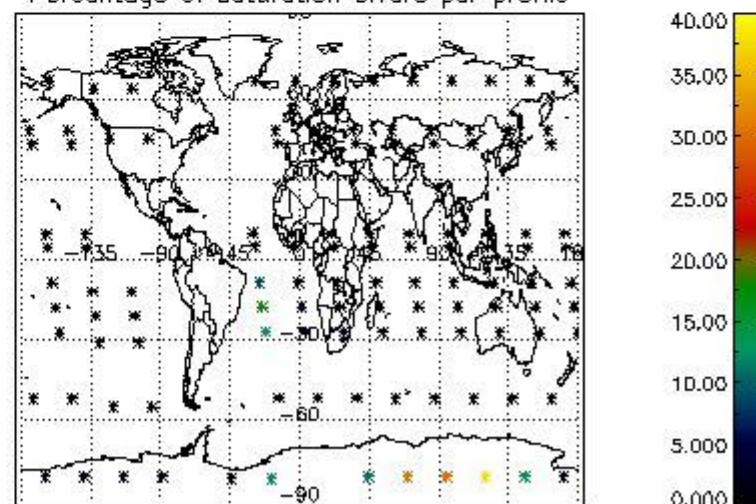
Percentage of datation errors per profile



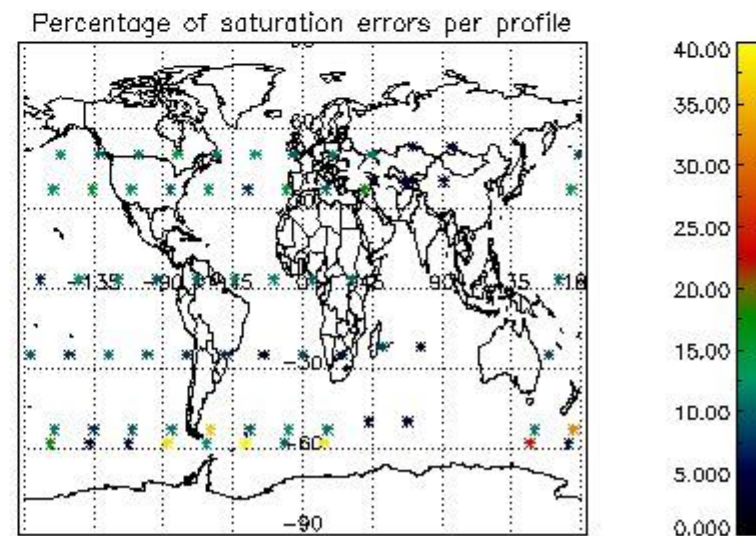
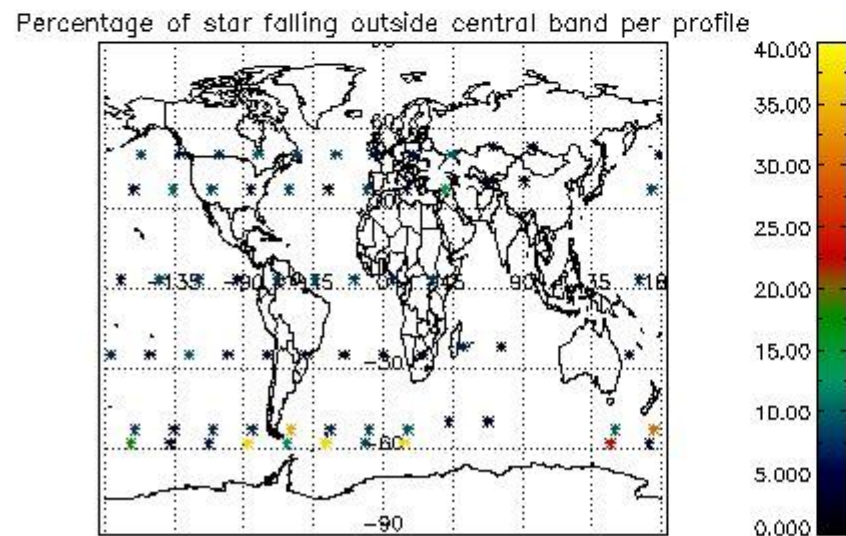
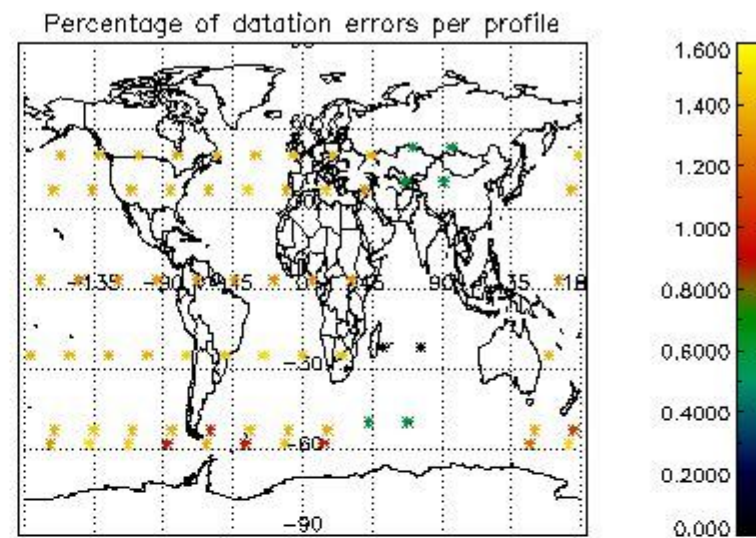
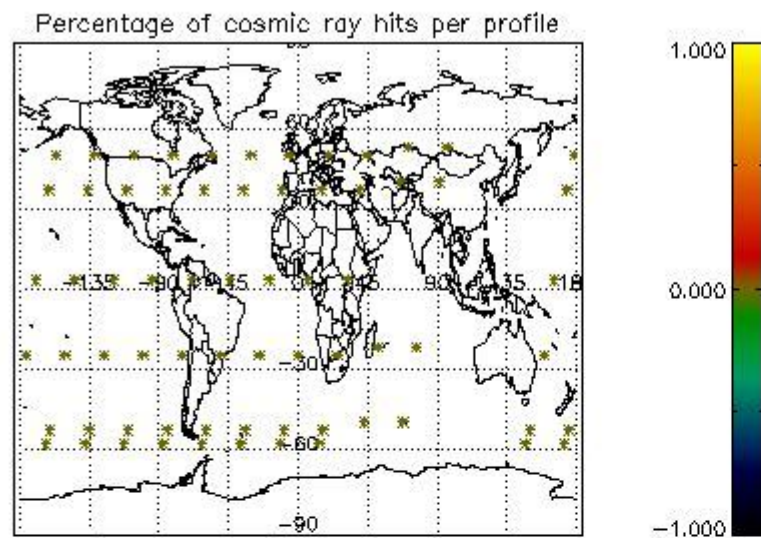
Percentage of star falling outside central band per profile



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

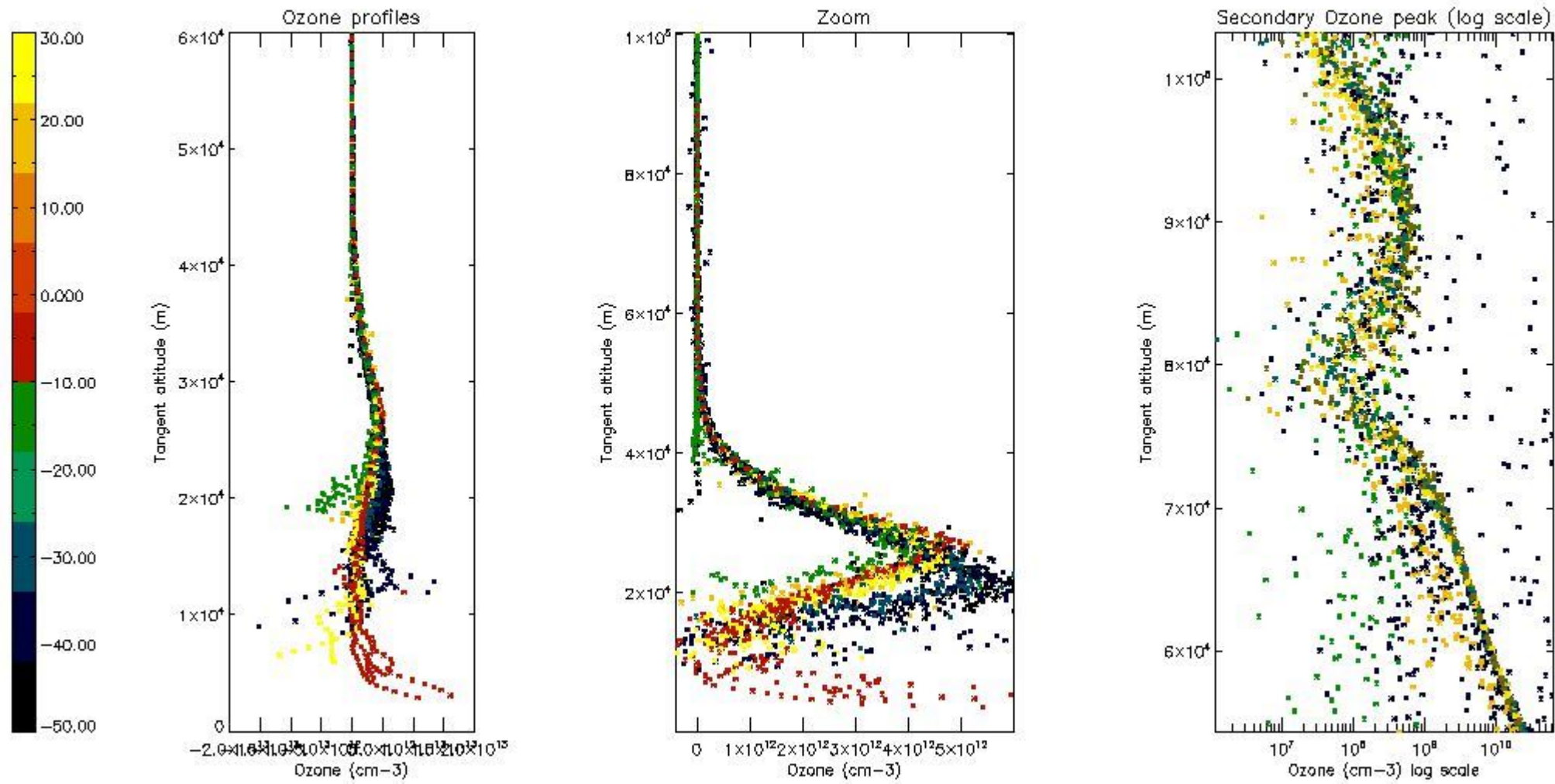
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	46
STD < 20	20

STD < 10	15
STD < 5	10

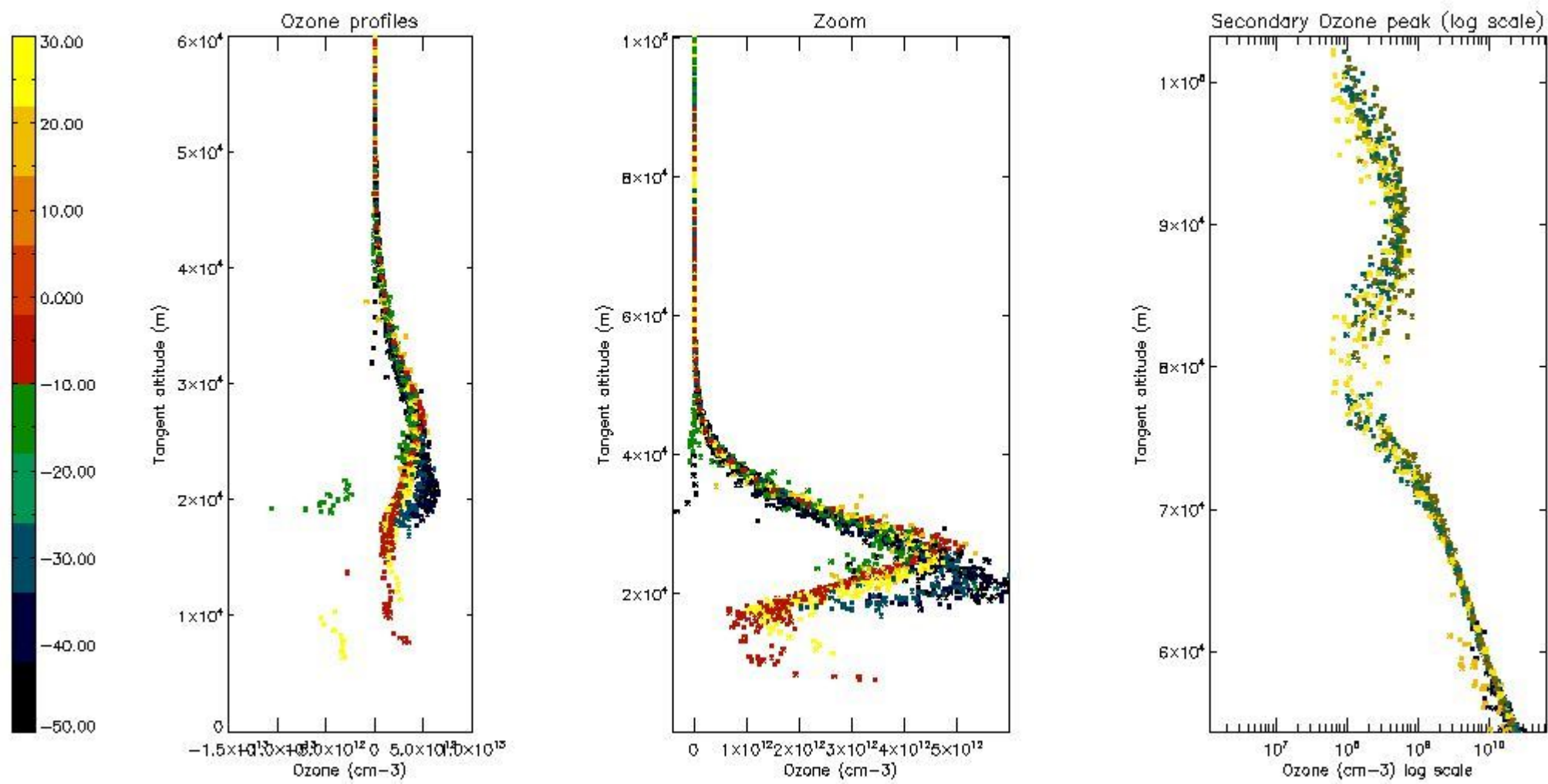
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



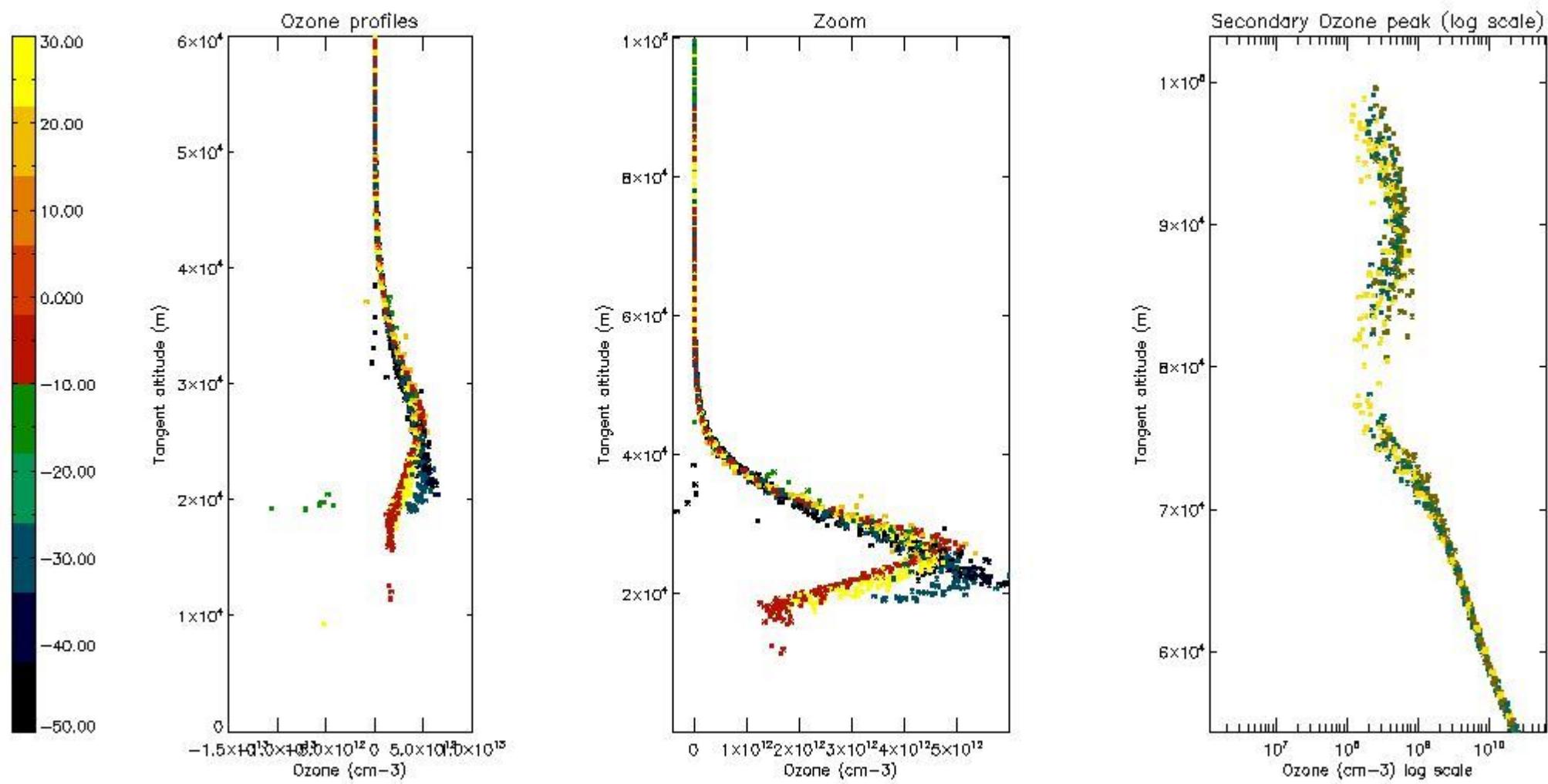
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



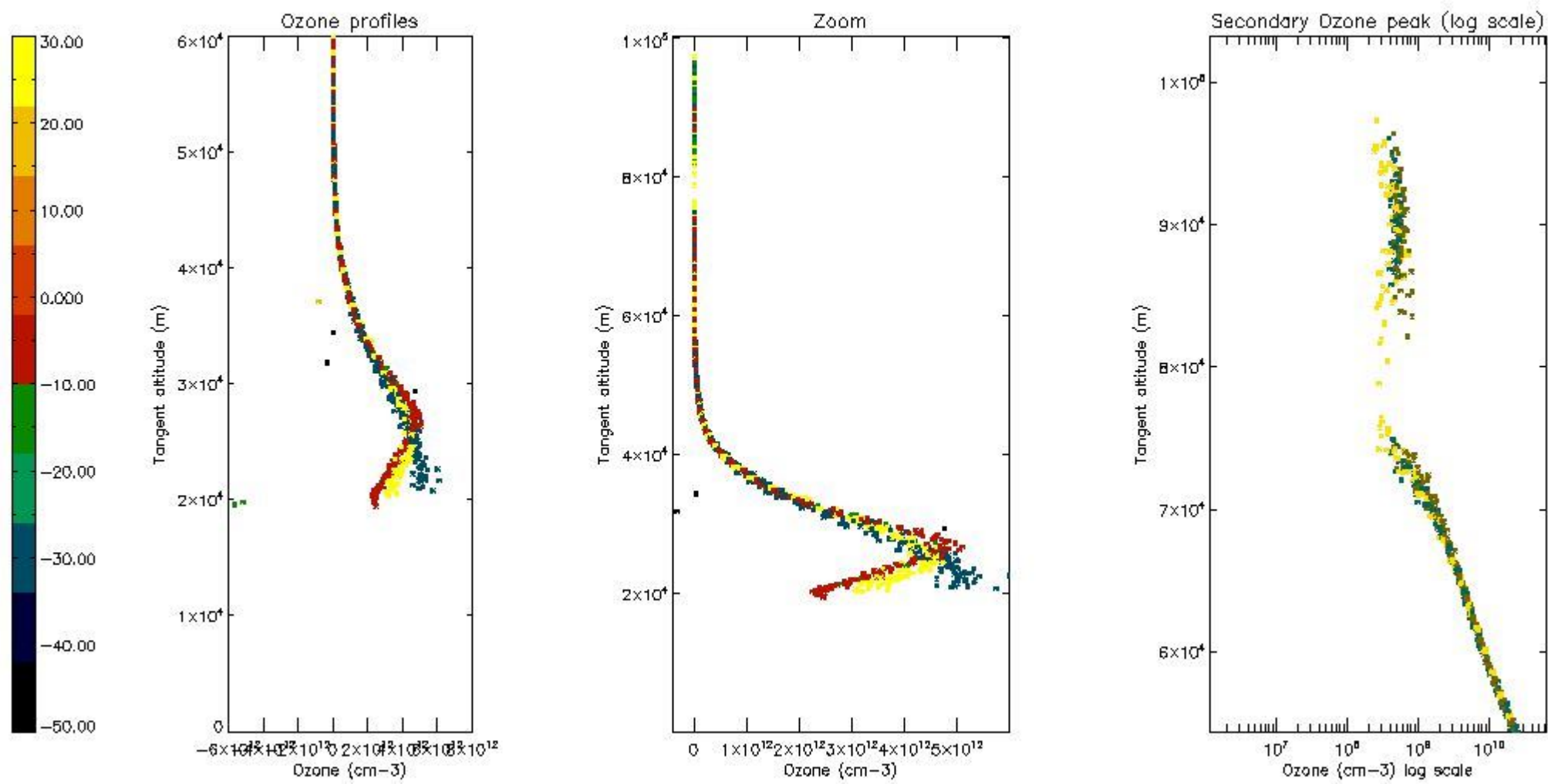
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



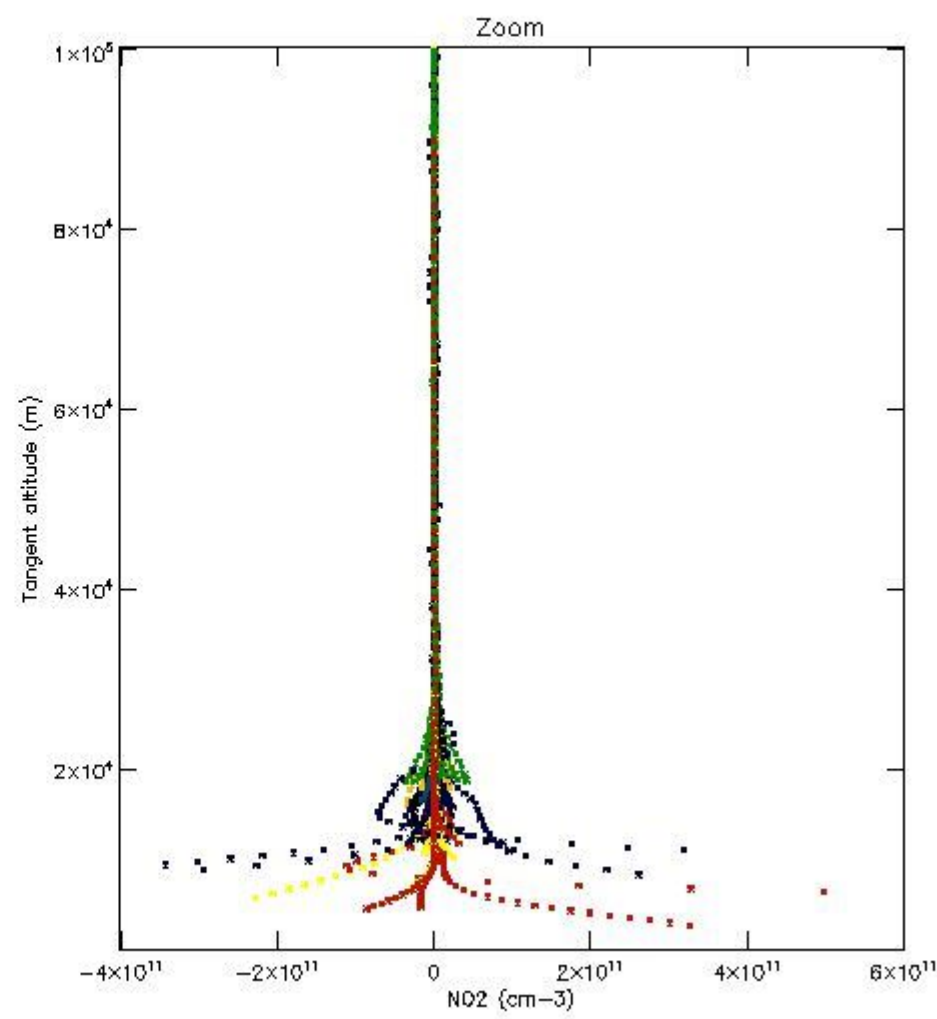
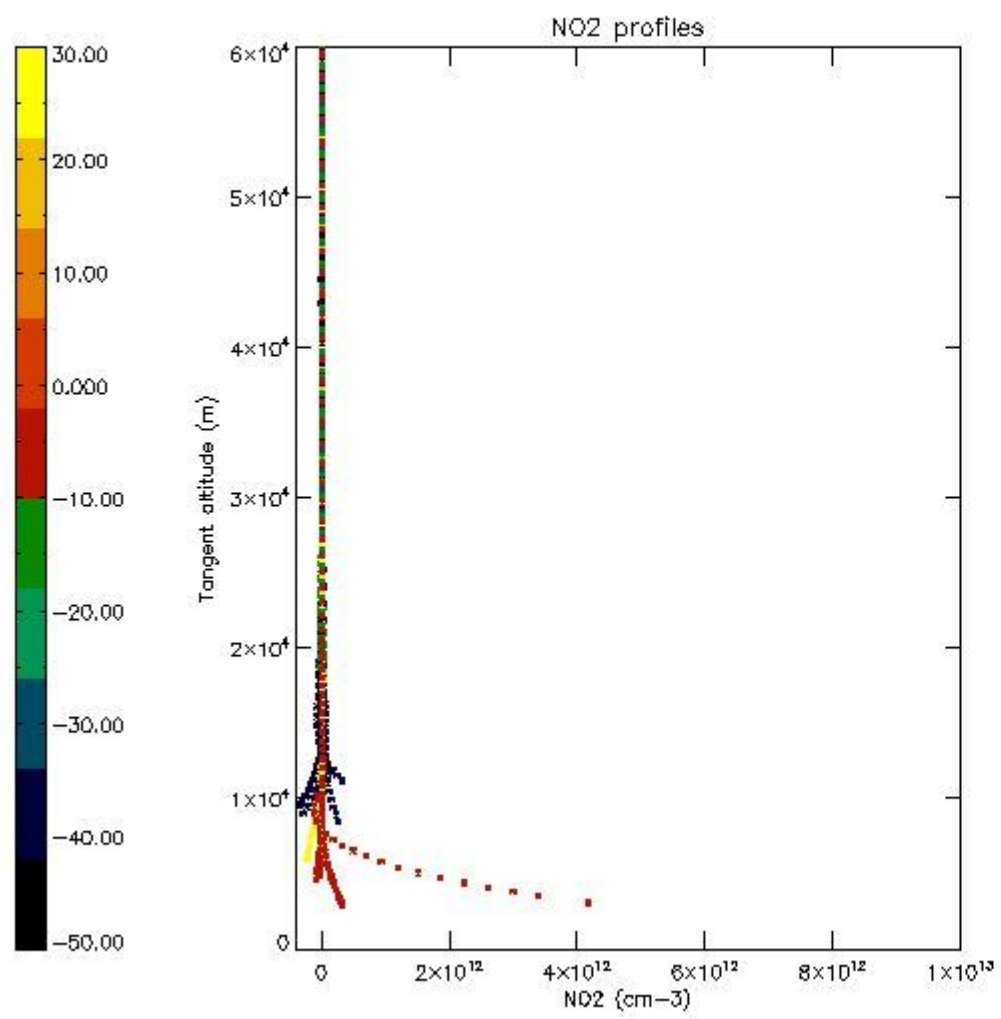
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



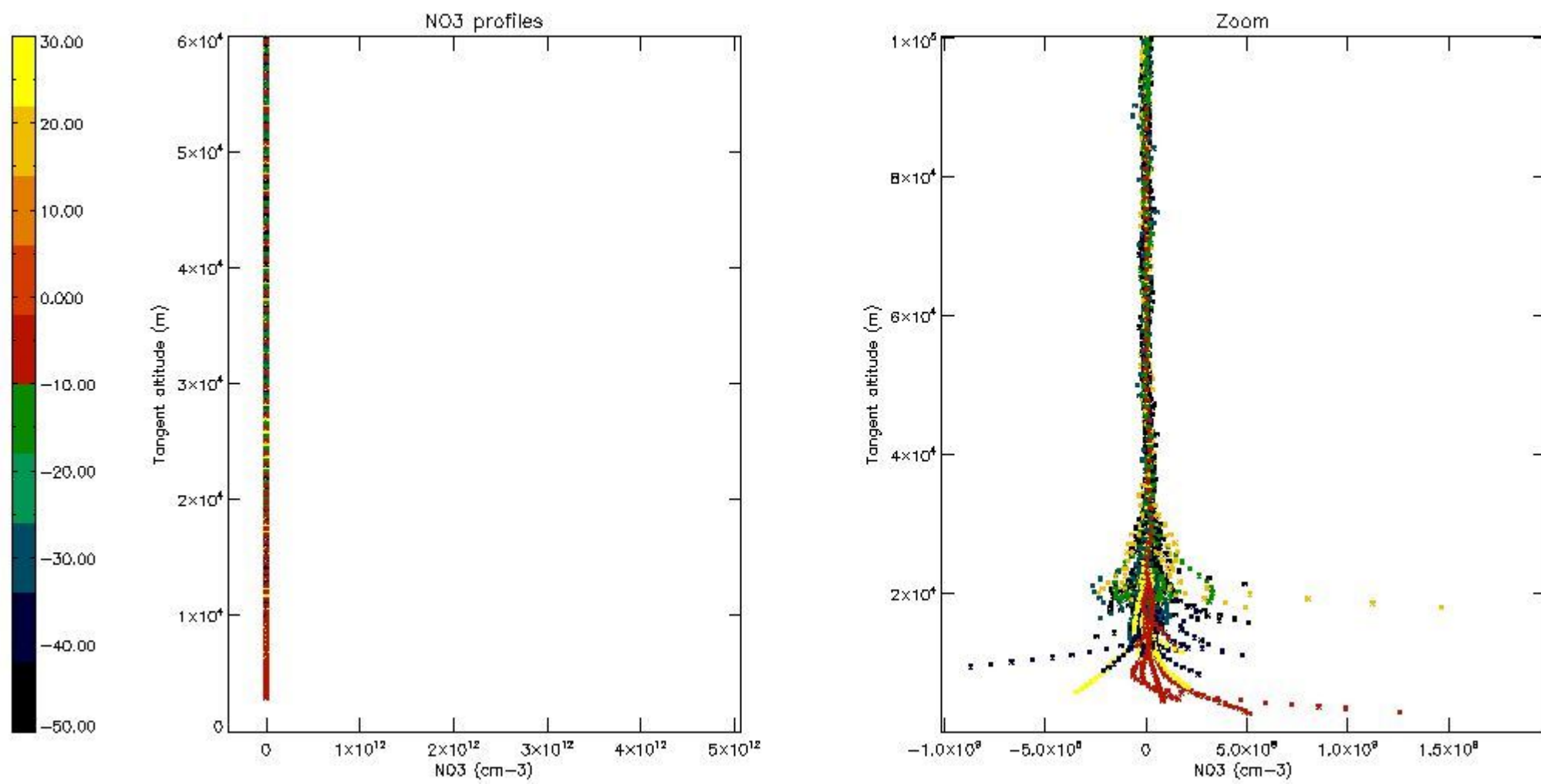
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



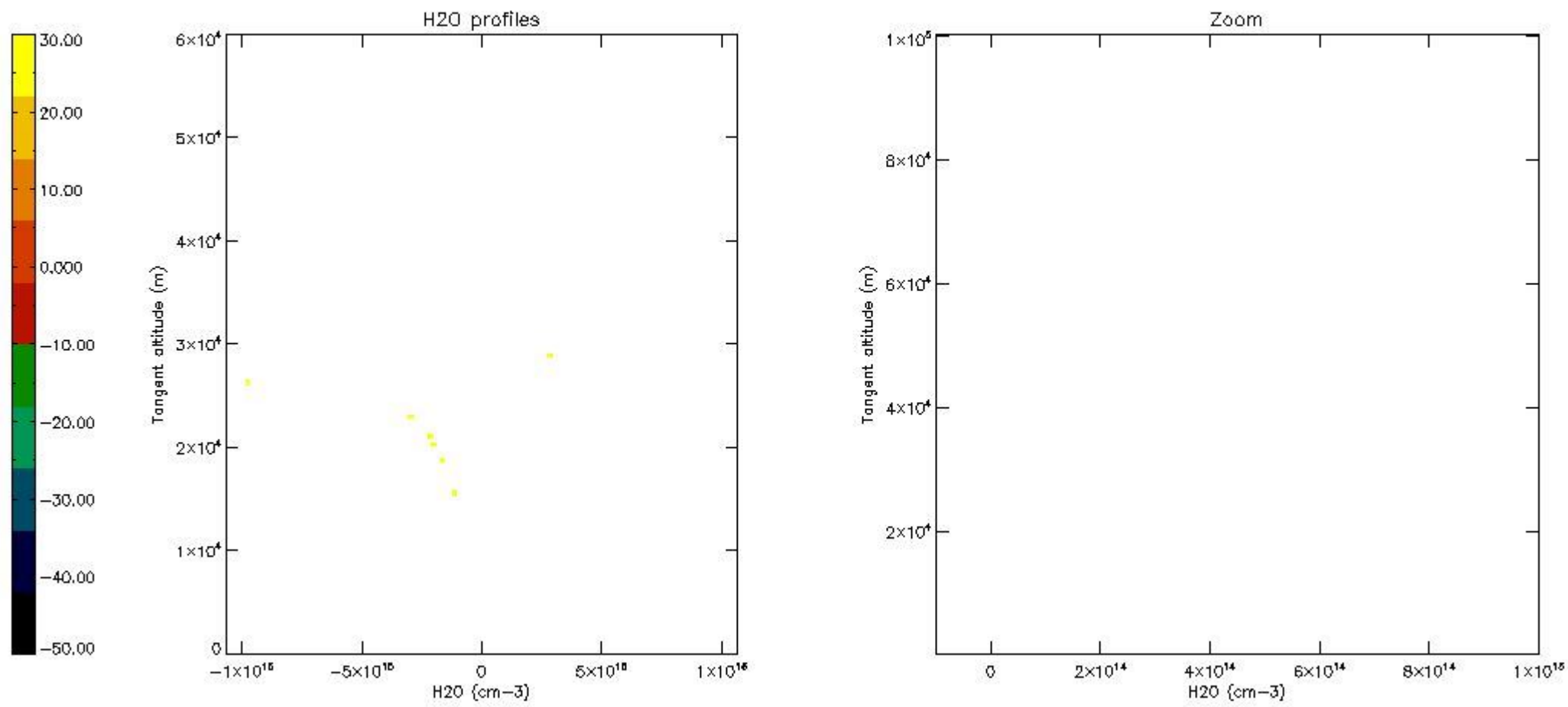
5.7 Plot NO3 profiles for all STD (dark without errors)

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-SEP-2007 03:57:07
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	30-SEP-2007 03:57:07
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	30-SEP-2007 03:57:07

GOMOS Level 2 Daily Report

SUMMARY

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

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

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[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	23APR2013 06:23:02
Data source version	GOMOS/6.01
Start time of products	30-09-2007 (30SEP2007 00:00:00)
Stop time of products	01-10-2007 (01OCT2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	184
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__2PRFIN20070930_035707_00000972062_00076_29188_9363.N1	30-SEP-2007 03:57:07	Dark	97.000	9	Alp Eri	0.45300	24000.	194	29188	No
2	GOM_NL__2PRFIN20070930_040230_00000942062_00076_29188_9364.N1	30-SEP-2007 04:02:30	Straylight	93.500	84	Alp Phe	2.3970	4500.0	187	29188	No
3	GOM_NL__2PRFIN20070930_041942_00000882062_00076_29188_9365.N1	30-SEP-2007 04:19:42	Bright	87.500	90	54Alp Peg	2.4870	11000.	175	29188	No
4	GOM_NL__2PRFIN20070930_042323_00000862062_00076_29188_9366.N1	30-SEP-2007 04:23:23	Bright	85.500	93	53Bet Peg	2.5200	3100.0	171	29188	No
5	GOM_NL__2PRFIN20070930_044044_00000852062_00076_29188_9367.N1	30-SEP-2007 04:40:44	Bright	85.000	49	1Alp UMi	1.9900	6300.0	170	29188	No
6	GOM_NL__2PRFIN20070930_044839_00000882062_00076_29188_9368.N1	30-SEP-2007 04:48:39	Bright	87.500	36	50Alp UMa	1.8000	6300.0	175	29188	No
7	GOM_NL__2PRFIN20070930_045959_00000972062_00076_29188_9369.N1	30-SEP-2007 04:59:59	Bright	96.500	166	17Eps Leo	2.9800	6000.0	193	29188	No
8	GOM_NL__2PRFIN20070930_050929_00000972062_00076_29188_9370.N1	30-SEP-2007 05:09:29	Twilight	96.500	48	30Alp Hya	1.9770	4100.0	193	29188	No
9	GOM_NL__2PRFIN20070930_051620_00001042062_00076_29188_9371.N1	30-SEP-2007 05:16:20	Dark	103.50	132	15Rho Pup	2.8030	6900.0	207	29188	No
10	GOM_NL__2PRFIN20070930_051911_00000912062_00076_29188_9372.N1	30-SEP-2007 05:19:11	Dark	90.500	65	Lam Vel	2.2040	4400.0	181	29188	No
11	GOM_NL__2PRFIN20070930_052142_00000952062_00076_29188_9373.N1	30-SEP-2007 05:21:42	Dark	94.500	34	Gam2Vel	1.7930	23000.	189	29188	No
12	GOM_NL__2PRFIN20070930_053743_00000962062_00077_29189_9377.N1	30-SEP-2007 05:37:43	Dark	96.000	9	Alp Eri	0.45300	24000.	192	29189	No
13	GOM_NL__2PRFIN20070930_054306_00000962062_00077_29189_9378.N1	30-SEP-2007 05:43:06	Straylight	95.500	84	Alp Phe	2.3970	4500.0	191	29189	No
14	GOM_NL__2PRFIN20070930_060018_00000872062_00077_29189_9379.N1	30-SEP-2007 06:00:18	Bright	87.000	90	54Alp Peg	2.4870	11000.	174	29189	No
15	GOM_NL__2PRFIN20070930_060359_00000862062_00077_29189_9380.N1	30-SEP-2007 06:03:59	Bright	86.000	93	53Bet Peg	2.5200	3100.0	172	29189	No
16	GOM_NL__2PRFIN20070930_062120_00000922062_00077_29189_9381.N1	30-SEP-2007 06:21:20	Bright	91.500	49	1Alp UMi	1.9900	6300.0	183	29189	No
17	GOM_NL__2PRFIN20070930_062915_00000872062_00077_29189_9382.N1	30-SEP-2007 06:29:15	Bright	87.000	36	50Alp UMa	1.8000	6300.0	174	29189	No
18	GOM_NL__2PRFIN20070930_064035_00000862062_00077_29189_9383.N1	30-SEP-2007 06:40:35	Bright	85.500	166	17Eps Leo	2.9800	6000.0	171	29189	No
19	GOM_NL__2PRFIN20070930_065005_00001032062_00077_29189_9384.N1	30-SEP-2007 06:50:05	Twilight	102.50	48	30Alp Hya	1.9770	4100.0	205	29189	No
20	GOM_NL__2PRFIN20070930_065657_00001052062_00077_29189_9385.N1	30-SEP-2007 06:56:57	Dark	105.00	132	15Rho Pup	2.8030	6900.0	210	29189	No
21	GOM_NL__2PRFIN20070930_065947_00000942062_00077_29189_9386.N1	30-SEP-2007 06:59:47	Dark	94.000	65	Lam Vel	2.2040	4400.0	188	29189	No
22	GOM_NL__2PRFIN20070930_070219_00000952062_00077_29189_9387.N1	30-SEP-2007 07:02:19	Dark	94.500	34	Gam2Vel	1.7930	23000.	189	29189	No
23	GOM_NL__2PRFIN20070930_070653_00000422062_00078_29190_9393.N1	30-SEP-2007 07:06:53	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	29190	No
24	GOM_NL__2PRFIN20070930_070817_00000482062_00078_29190_9394.N1	30-SEP-2007 07:08:17	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	29190	No
25	GOM_NL__2PRFIN20070930_071744_00000382062_00078_29190_9395.N1	30-SEP-2007 07:17:44	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	29190	No
26	GOM_NL__2PRFIN20070930_071912_00000512062_00078_29190_9396.N1	30-SEP-2007 07:19:12	Dark	50.500	9	Alp Eri	0.45300	24000.	101	29190	No
27	GOM_NL__2PRFIN20070930_072435_00000422062_00078_29190_9397.N1	30-SEP-2007 07:24:35	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	29190	No
28	GOM_NL__2PRFIN20070930_074146_00000362062_00078_29190_9398.N1	30-SEP-2007 07:41:46	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	29190	No
29	GOM_NL__2PRFIN20070930_074525_00000392062_00078_29190_9399.N1	30-SEP-2007 07:45:25	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	29190	No
30	GOM_NL__2PRFIN20070930_075454_00000392062_00078_29190_9400.N1	30-SEP-2007 07:54:54	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	29190	No
31	GOM_NL__2PRFIN20070930_080247_00000352062_00078_29190_9401.N1	30-SEP-2007 08:02:47	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	29190	No
32	GOM_NL__2PRFIN20070930_081042_00000372062_00078_29190_9402.N1	30-SEP-2007 08:10:42	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	29190	No
33	GOM_NL__2PRFIN20070930_081212_00000522062_00078_29190_9403.N1	30-SEP-2007 08:12:12	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	29190	No
34	GOM_NL__2PRFIN20070930_082203_00000342062_00078_29190_9404.N1	30-SEP-2007 08:22:03	Bright	34.000	166	17Eps Leo	2.9800	6000.0	68	29190	No
35	GOM_NL__2PRFIN20070930_083134_00000492062_00078_29190_9405.N1	30-SEP-2007 08:31:34	Twilight	48.500	48	30Alp Hya	1.9770	4100.0	97	29190	No
36	GOM_NL__2PRFIN20070930_083832_00000452062_00078_29190_9406.N1	30-SEP-2007 08:38:32	Dark	44.500	132	15Rho Pup	2.8030	6900.0	89	29190	No
37	GOM_NL__2PRFIN20070930_084115_00000462062_00078_29190_9407.N1	30-SEP-2007 08:41:15	Dark	46.000	65	Lam Vel	2.2040	4400.0	92	29190	No
38	GOM_NL__2PRFIN20070930_084347_00000402062_00078_29190_9408.N1	30-SEP-2007 08:43:47	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	29190	No
39	GOM_NL__2PRFIN20070930_084729_00000422062_00079_29191_9405.N1	30-SEP-2007 08:47:29	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	29191	No
40	GOM_NL__2PRFIN20070930_084854_00000602062_00079_29191_9406.N1	30-SEP-2007 08:48:54	Dark	60.000	2	Alp Car	-0.73600	7000.0	120	29191	No
41	GOM_NL__2PRFIN20070930_085820_00000392062_00079_29191_9407.N1	30-SEP-2007 08:58:20	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	29191	No
42	GOM_NL__2PRFIN20070930_085948_00000452062_00079_29191_9408.N1	30-SEP-2007 08:59:48	Dark	44.500	9	Alp Eri	0.45300	24000.	89	29191	No

43	GOM_NL__2PRFIN20070930_090512_000000392062_00079_29191_9409.N1	30-SEP-2007 09:05:12	Straylight	39.000	84	Alp Phe	2.3970	4500.0	78	29191	No
44	GOM_NL__2PRFIN20070930_092222_000000362062_00079_29191_9410.N1	30-SEP-2007 09:22:22	Bright	35.500	90	54Alp Peg	2.4870	11000.	71	29191	No
45	GOM_NL__2PRFIN20070930_092601_000000352062_00079_29191_9411.N1	30-SEP-2007 09:26:01	Bright	35.000	93	53Bet Peg	2.5200	3100.0	70	29191	No
46	GOM_NL__2PRFIN20070930_093530_000000392062_00079_29191_9412.N1	30-SEP-2007 09:35:30	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	29191	No
47	GOM_NL__2PRFIN20070930_094323_000000352062_00079_29191_9413.N1	30-SEP-2007 09:43:23	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	29191	No
48	GOM_NL__2PRFIN20070930_095118_000000362062_00079_29191_9414.N1	30-SEP-2007 09:51:18	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	29191	No
49	GOM_NL__2PRFIN20070930_095248_000000352062_00079_29191_9415.N1	30-SEP-2007 09:52:48	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	29191	No
50	GOM_NL__2PRFIN20070930_100239_000000342062_00079_29191_9416.N1	30-SEP-2007 10:02:39	Bright	34.000	166	17Eps Leo	2.9800	6000.0	68	29191	No
51	GOM_NL__2PRFIN20070930_101210_000000522062_00079_29191_9417.N1	30-SEP-2007 10:12:10	Twilight	51.500	48	30Alp Hya	1.9770	4100.0	103	29191	No
52	GOM_NL__2PRFIN20070930_101909_000000462062_00079_29191_9418.N1	30-SEP-2007 10:19:09	Dark	45.500	132	15Rho Pup	2.8030	6900.0	91	29191	No
53	GOM_NL__2PRFIN20070930_102151_000000432062_00079_29191_9419.N1	30-SEP-2007 10:21:51	Dark	42.500	65	Lam Vel	2.2040	4400.0	85	29191	No
54	GOM_NL__2PRFIN20070930_102424_000000452062_00079_29191_9420.N1	30-SEP-2007 10:24:24	Dark	44.500	34	Gam2Vel	1.7930	23000.	89	29191	No
55	GOM_NL__2PRFIN20070930_102806_000000422062_00080_29192_9415.N1	30-SEP-2007 10:28:06	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	29192	No
56	GOM_NL__2PRFIN20070930_102930_000000602062_00080_29192_9416.N1	30-SEP-2007 10:29:30	Dark	59.500	2	Alp Car	-0.73600	7000.0	119	29192	No
57	GOM_NL__2PRFIN20070930_103857_000000412062_00080_29192_9417.N1	30-SEP-2007 10:38:57	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	29192	No
58	GOM_NL__2PRFIN20070930_104024_000000462062_00080_29192_9418.N1	30-SEP-2007 10:40:24	Dark	45.500	9	Alp Eri	0.45300	24000.	91	29192	No
59	GOM_NL__2PRFIN20070930_104548_000000402062_00080_29192_9419.N1	30-SEP-2007 10:45:48	Straylight	40.000	84	Alp Phe	2.3970	4500.0	80	29192	No
60	GOM_NL__2PRFIN20070930_110258_000000352062_00080_29192_9420.N1	30-SEP-2007 11:02:58	Bright	35.000	90	54Alp Peg	2.4870	11000.	70	29192	No
61	GOM_NL__2PRFIN20070930_110637_000000372062_00080_29192_9421.N1	30-SEP-2007 11:06:37	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	29192	No
62	GOM_NL__2PRFIN20070930_111606_000000392062_00080_29192_9422.N1	30-SEP-2007 11:16:06	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	29192	No
63	GOM_NL__2PRFIN20070930_112359_000000332062_00080_29192_9423.N1	30-SEP-2007 11:23:59	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	29192	No
64	GOM_NL__2PRFIN20070930_113154_000000362062_00080_29192_9424.N1	30-SEP-2007 11:31:54	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	29192	No
65	GOM_NL__2PRFIN20070930_113324_000000522062_00080_29192_9425.N1	30-SEP-2007 11:33:24	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	29192	No
66	GOM_NL__2PRFIN20070930_114315_000000352062_00080_29192_9426.N1	30-SEP-2007 11:43:15	Bright	34.500	166	17Eps Leo	2.9800	6000.0	69	29192	No
67	GOM_NL__2PRFIN20070930_115246_000000482062_00080_29192_9427.N1	30-SEP-2007 11:52:46	Twilight	47.500	48	30Alp Hya	1.9770	4100.0	95	29192	No
68	GOM_NL__2PRFIN20070930_115946_000000462062_00080_29192_9428.N1	30-SEP-2007 11:59:46	Dark	45.500	132	15Rho Pup	2.8030	6900.0	91	29192	No
69	GOM_NL__2PRFIN20070930_120227_000000442062_00080_29192_9429.N1	30-SEP-2007 12:02:27	Dark	43.500	65	Lam Vel	2.2040	4400.0	87	29192	No
70	GOM_NL__2PRFIN20070930_120500_000000422062_00080_29192_9430.N1	30-SEP-2007 12:05:00	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	29192	No
71	GOM_NL__2PRFIN20070930_120843_000000422062_00081_29193_9441.N1	30-SEP-2007 12:08:43	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	29193	No
72	GOM_NL__2PRFIN20070930_121007_000000482062_00081_29193_9442.N1	30-SEP-2007 12:10:07	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	29193	No
73	GOM_NL__2PRFIN20070930_121933_000000402062_00081_29193_9443.N1	30-SEP-2007 12:19:33	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	29193	No
74	GOM_NL__2PRFIN20070930_122101_000000402062_00081_29193_9444.N1	30-SEP-2007 12:21:01	Dark	39.500	9	Alp Eri	0.45300	24000.	79	29193	No
75	GOM_NL__2PRFIN20070930_122624_000000432062_00081_29193_9445.N1	30-SEP-2007 12:26:24	Straylight	42.500	84	Alp Phe	2.3970	4500.0	85	29193	No
76	GOM_NL__2PRFIN20070930_124334_000000362062_00081_29193_9446.N1	30-SEP-2007 12:43:34	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	29193	No
77	GOM_NL__2PRFIN20070930_124713_000000342062_00081_29193_9447.N1	30-SEP-2007 12:47:13	Bright	34.000	93	53Bet Peg	2.5200	3100.0	68	29193	No
78	GOM_NL__2PRFIN20070930_125641_000000392062_00081_29193_9448.N1	30-SEP-2007 12:56:41	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	29193	No
79	GOM_NL__2PRFIN20070930_130435_000000352062_00081_29193_9449.N1	30-SEP-2007 13:04:35	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	29193	No
80	GOM_NL__2PRFIN20070930_131230_000000512062_00081_29193_9450.N1	30-SEP-2007 13:12:30	Bright	50.500	36	50Alp UMa	1.8000	6300.0	101	29193	No
81	GOM_NL__2PRFIN20070930_131400_000000372062_00081_29193_9451.N1	30-SEP-2007 13:14:00	Bright	36.500	82	48Bet UMa	2.3650	10600.	73	29193	No
82	GOM_NL__2PRFIN20070930_132351_000000352062_00081_29193_9452.N1	30-SEP-2007 13:23:51	Bright	34.500	166	17Eps Leo	2.9800	6000.0	69	29193	No
83	GOM_NL__2PRFIN20070930_133323_000000432062_00081_29193_9453.N1	30-SEP-2007 13:33:23	Twilight	43.000	48	30Alp Hya	1.9770	4100.0	86	29193	No
84	GOM_NL__2PRFIN20070930_134022_000000482062_00081_29193_9454.N1	30-SEP-2007 13:40:22	Dark	47.500	132	15Rho Pup	2.8030	6900.0	95	29193	No
85	GOM_NL__2PRFIN20070930_134303_000000462062_00081_29193_9455.N1	30-SEP-2007 13:43:03	Dark	45.500	65	Lam Vel	2.2040	4400.0	91	29193	No
86	GOM_NL__2PRFIN20070930_134537_000000382062_00081_29193_9456.N1	30-SEP-2007 13:45:37	Dark	38.000	34	Gam2Vel	1.7930	23000.	76	29193	No
87	GOM_NL__2PRFIN20070930_134919_000000422062_00082_29194_9449.N1	30-SEP-2007 13:49:19	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	29194	No
88	GOM_NL__2PRFIN20070930_135044_000000452062_00082_29194_9450.N1	30-SEP-2007 13:50:44	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	29194	No
89	GOM_NL__2PRFIN20070930_140009_000000382062_00082_29194_9451.N1	30-SEP-2007 14:00:09	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	29194	No
90	GOM_NL__2PRFIN20070930_140137_000000402062_00082_29194_9452.N1	30-SEP-2007 14:01:37	Dark	39.500	9	Alp Eri	0.45300	24000.	79	29194	No
91	GOM_NL__2PRFIN20070930_140700_000000442062_00082_29194_9453.N1	30-SEP-2007 14:07:00	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	29194	No
92	GOM_NL__2PRFIN20070930_142410_000000362062_00082_29194_9454.N1	30-SEP-2007 14:24:10	Bright	35.500	90	54Alp Peg	2.4870	11000.	71	29194	No
93	GOM_NL__2PRFIN20070930_142749_000000372062_00082_29194_9455.N1	30-SEP-2007 14:27:49	Bright	36.500	93	53Bet Peg	2.5200	3100.0	73	29194	No
94	GOM_NL__2PRFIN20070930_143717_000000382062_00082_29194_9456.N1	30-SEP-2007 14:37:17	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	29194	No
95	GOM_NL__2PRFIN20070930_144511_000000342062_00082_29194_9457.N1	30-SEP-2007 14:45:11	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	29194	No
96	GOM_NL__2PRFIN20070930_145306_000000362062_00082_29194_9458.N1	30-SEP-2007 14:53:06	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	29194	No
97	GOM_NL__2PRFIN20070930_145436_000000512062_00082_29194_9459.N1	30-SEP-2007 14:54:36	Bright	51.000	82	48Bet UMa	2.3650	10600.	102	29194	No
98	GOM_NL__2PRFIN20070930_150428_000000352062_00082_29194_9460.N1	30-SEP-2007 15:04:28	Bright	34.500	166	17Eps Leo	2.9800	6000.0	69	29194	No
99	GOM_NL__2PRFIN20070930_151359_000000482062_00082_29194_9461.N1	30-SEP-2007 15:13:59	Twilight	48.000	48	30Alp Hya	1.9770	4100.0	96	29194	No
100	GOM_NL__2PRFIN20070930_152059_000000452062_00082_29194_9462.N1	30-SEP-2007 15:20:59	Dark	44.500	132	15Rho Pup	2.8030	6900.0	89	29194	No
101	GOM_NL__2PRFIN20070930_152340_000000442062_00082_29194_9463.N1	30-SEP-2007 15:23:40	Dark	43.500	65	Lam Vel	2.2040	4400.0	87	29194	No

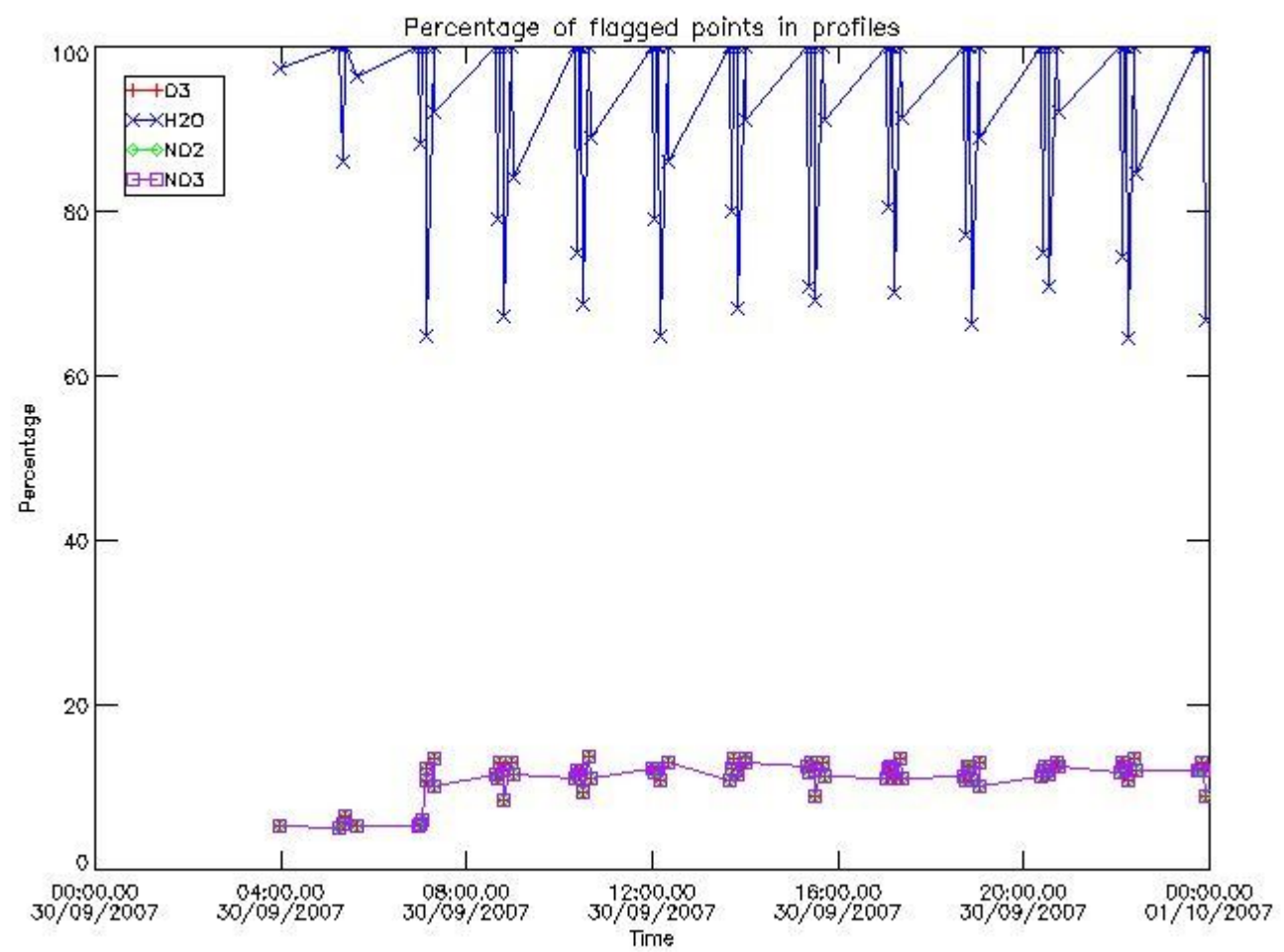
102	GOM_NL__2PRFIN20070930_152613_000000402062_00082_29194_9464.N1	30-SEP-2007 15:26:13	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	29194	No
103	GOM_NL__2PRFIN20070930_152956_000000422062_00083_29195_9469.N1	30-SEP-2007 15:29:56	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	29195	No
104	GOM_NL__2PRFIN20070930_153120_000000572062_00083_29195_9470.N1	30-SEP-2007 15:31:20	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	29195	No
105	GOM_NL__2PRFIN20070930_154046_000000392062_00083_29195_9471.N1	30-SEP-2007 15:40:46	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	29195	No
106	GOM_NL__2PRFIN20070930_154213_000000452062_00083_29195_9472.N1	30-SEP-2007 15:42:13	Dark	45.000	9	Alp Eri	0.45300	24000.	90	29195	No
107	GOM_NL__2PRFIN20070930_154736_000000442062_00083_29195_9473.N1	30-SEP-2007 15:47:36	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	29195	No
108	GOM_NL__2PRFIN20070930_160445_000000372062_00083_29195_9474.N1	30-SEP-2007 16:04:45	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	29195	No
109	GOM_NL__2PRFIN20070930_160824_000000362062_00083_29195_9475.N1	30-SEP-2007 16:08:24	Bright	35.500	93	53Bet Peg	2.5200	3100.0	71	29195	No
110	GOM_NL__2PRFIN20070930_161753_000000382062_00083_29195_9476.N1	30-SEP-2007 16:17:53	Bright	37.500	74	11Bet Cas	2.2680	6600.0	75	29195	No
111	GOM_NL__2PRFIN20070930_162547_000000362062_00083_29195_9477.N1	30-SEP-2007 16:25:47	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	29195	No
112	GOM_NL__2PRFIN20070930_163342_000000362062_00083_29195_9478.N1	30-SEP-2007 16:33:42	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	29195	No
113	GOM_NL__2PRFIN20070930_163512_000000342062_00083_29195_9479.N1	30-SEP-2007 16:35:12	Bright	34.000	82	48Bet UMa	2.3650	10600.	68	29195	No
114	GOM_NL__2PRFIN20070930_164504_000000392062_00083_29195_9480.N1	30-SEP-2007 16:45:04	Bright	38.500	166	17Eps Leo	2.9800	6000.0	77	29195	No
115	GOM_NL__2PRFIN20070930_165435_000000472062_00083_29195_9481.N1	30-SEP-2007 16:54:35	Twilight	46.500	48	30Alp Hya	1.9770	4100.0	93	29195	No
116	GOM_NL__2PRFIN20070930_170136_000000462062_00083_29195_9482.N1	30-SEP-2007 17:01:36	Dark	46.000	132	15Rho Pup	2.8030	6900.0	92	29195	No
117	GOM_NL__2PRFIN20070930_170416_000000422062_00083_29195_9483.N1	30-SEP-2007 17:04:16	Dark	41.500	65	Lam Vel	2.2040	4400.0	83	29195	No
118	GOM_NL__2PRFIN20070930_170649_000000412062_00083_29195_9484.N1	30-SEP-2007 17:06:49	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	29195	No
119	GOM_NL__2PRFIN20070930_171033_000000422062_00084_29196_9484.N1	30-SEP-2007 17:10:33	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	29196	No
120	GOM_NL__2PRFIN20070930_171157_000000462062_00084_29196_9485.N1	30-SEP-2007 17:11:57	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	29196	No
121	GOM_NL__2PRFIN20070930_172122_000000382062_00084_29196_9486.N1	30-SEP-2007 17:21:22	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	29196	No
122	GOM_NL__2PRFIN20070930_172250_000000462062_00084_29196_9487.N1	30-SEP-2007 17:22:50	Dark	46.000	9	Alp Eri	0.45300	24000.	92	29196	No
123	GOM_NL__2PRFIN20070930_172813_000000442062_00084_29196_9488.N1	30-SEP-2007 17:28:13	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	29196	No
124	GOM_NL__2PRFIN20070930_174522_000000362062_00084_29196_9489.N1	30-SEP-2007 17:45:22	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	29196	No
125	GOM_NL__2PRFIN20070930_174900_000000372062_00084_29196_9490.N1	30-SEP-2007 17:49:00	Bright	36.500	93	53Bet Peg	2.5200	3100.0	73	29196	No
126	GOM_NL__2PRFIN20070930_175828_000000392062_00084_29196_9491.N1	30-SEP-2007 17:58:28	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	29196	No
127	GOM_NL__2PRFIN20070930_180623_000000372062_00084_29196_9492.N1	30-SEP-2007 18:06:23	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	29196	No
128	GOM_NL__2PRFIN20070930_181418_000000352062_00084_29196_9493.N1	30-SEP-2007 18:14:18	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	29196	No
129	GOM_NL__2PRFIN20070930_181548_000000332062_00084_29196_9494.N1	30-SEP-2007 18:15:48	Bright	33.000	82	48Bet UMa	2.3650	10600.	66	29196	No
130	GOM_NL__2PRFIN20070930_182540_000000532062_00084_29196_9495.N1	30-SEP-2007 18:25:40	Bright	53.000	166	17Eps Leo	2.9800	6000.0	106	29196	No
131	GOM_NL__2PRFIN20070930_183512_000000452062_00084_29196_9496.N1	30-SEP-2007 18:35:12	Twilight	44.500	48	30Alp Hya	1.9770	4100.0	89	29196	No
132	GOM_NL__2PRFIN20070930_184213_000000452062_00084_29196_9497.N1	30-SEP-2007 18:42:13	Dark	45.000	132	15Rho Pup	2.8030	6900.0	90	29196	No
133	GOM_NL__2PRFIN20070930_184452_000000472062_00084_29196_9498.N1	30-SEP-2007 18:44:52	Dark	46.500	65	Lam Vel	2.2040	4400.0	93	29196	No
134	GOM_NL__2PRFIN20070930_184726_000000412062_00084_29196_9499.N1	30-SEP-2007 18:47:26	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	29196	No
135	GOM_NL__2PRFIN20070930_185110_000000412062_00085_29197_9504.N1	30-SEP-2007 18:51:10	Dark	41.000	161	Tau Pup	2.9310	4500.0	82	29197	No
136	GOM_NL__2PRFIN20070930_185234_000000472062_00085_29197_9505.N1	30-SEP-2007 18:52:34	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	29197	No
137	GOM_NL__2PRFIN20070930_190158_000000402062_00085_29197_9506.N1	30-SEP-2007 19:01:58	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	29197	No
138	GOM_NL__2PRFIN20070930_190326_000000502062_00085_29197_9507.N1	30-SEP-2007 19:03:26	Dark	50.000	9	Alp Eri	0.45300	24000.	100	29197	No
139	GOM_NL__2PRFIN20070930_190849_000000402062_00085_29197_9508.N1	30-SEP-2007 19:08:49	Straylight	39.500	84	Alp Phe	2.3970	4500.0	79	29197	No
140	GOM_NL__2PRFIN20070930_192558_000000362062_00085_29197_9509.N1	30-SEP-2007 19:25:58	Bright	35.500	90	54Alp Peg	2.4870	11000.	71	29197	No
141	GOM_NL__2PRFIN20070930_192936_000000382062_00085_29197_9510.N1	30-SEP-2007 19:29:36	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	29197	No
142	GOM_NL__2PRFIN20070930_193904_000000402062_00085_29197_9511.N1	30-SEP-2007 19:39:04	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	29197	No
143	GOM_NL__2PRFIN20070930_194659_000000362062_00085_29197_9512.N1	30-SEP-2007 19:46:59	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	29197	No
144	GOM_NL__2PRFIN20070930_195455_000000362062_00085_29197_9513.N1	30-SEP-2007 19:54:55	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	29197	No
145	GOM_NL__2PRFIN20070930_195625_000000392062_00085_29197_9514.N1	30-SEP-2007 19:56:25	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	29197	No
146	GOM_NL__2PRFIN20070930_200616_000000472062_00085_29197_9515.N1	30-SEP-2007 20:06:16	Bright	47.000	166	17Eps Leo	2.9800	6000.0	94	29197	No
147	GOM_NL__2PRFIN20070930_201548_000000492062_00085_29197_9516.N1	30-SEP-2007 20:15:48	Twilight	48.500	48	30Alp Hya	1.9770	4100.0	97	29197	No
148	GOM_NL__2PRFIN20070930_202249_000000452062_00085_29197_9517.N1	30-SEP-2007 20:22:49	Dark	45.000	132	15Rho Pup	2.8030	6900.0	90	29197	No
149	GOM_NL__2PRFIN20070930_202529_000000432062_00085_29197_9518.N1	30-SEP-2007 20:25:29	Dark	42.500	65	Lam Vel	2.2040	4400.0	85	29197	No
150	GOM_NL__2PRFIN20070930_202802_000000412062_00085_29197_9519.N1	30-SEP-2007 20:28:02	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	29197	No
151	GOM_NL__2PRFIN20070930_203146_000000422062_00086_29198_9516.N1	30-SEP-2007 20:31:46	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	29198	No
152	GOM_NL__2PRFIN20070930_203310_000000492062_00086_29198_9517.N1	30-SEP-2007 20:33:10	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	29198	No
153	GOM_NL__2PRFIN20070930_204235_000000402062_00086_29198_9518.N1	30-SEP-2007 20:42:35	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	29198	No
154	GOM_NL__2PRFIN20070930_204402_000000452062_00086_29198_9519.N1	30-SEP-2007 20:44:02	Dark	44.500	9	Alp Eri	0.45300	24000.	89	29198	No
155	GOM_NL__2PRFIN20070930_204925_000000482062_00086_29198_9520.N1	30-SEP-2007 20:49:25	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	29198	No
156	GOM_NL__2PRFIN20070930_210634_000000372062_00086_29198_9521.N1	30-SEP-2007 21:06:34	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	29198	No
157	GOM_NL__2PRFIN20070930_211012_000000362062_00086_29198_9522.N1	30-SEP-2007 21:10:12	Bright	36.000	93	53Bet Peg	2.5200	3100.0	72	29198	No
158	GOM_NL__2PRFIN20070930_211940_000000372062_00086_29198_9523.N1	30-SEP-2007 21:19:40	Bright	36.500	74	11Bet Cas	2.2680	6600.0	73	29198	No
159	GOM_NL__2PRFIN20070930_212735_000000362062_00086_29198_9524.N1	30-SEP-2007 21:27:35	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	29198	No
160	GOM_NL__2PRFIN20070930_213531_000000472062_00086_29198_9525.N1	30-SEP-2007 21:35:31	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	29198	No

161	GOM_NL__2PRFIN20070930_213701_000000342062_00086_29198_9526.N1	30-SEP-2007 21:37:01	Bright	33.500	82	48Bet UMa	2.3650	10600.	67	29198	No
162	GOM_NL__2PRFIN20070930_214652_000000482062_00086_29198_9527.N1	30-SEP-2007 21:46:52	Bright	47.500	166	17Eps Leo	2.9800	6000.0	95	29198	No
163	GOM_NL__2PRFIN20070930_215624_000000532062_00086_29198_9528.N1	30-SEP-2007 21:56:24	Twilight	52.500	48	30Alp Hya	1.9770	4100.0	105	29198	No
164	GOM_NL__2PRFIN20070930_220326_000000432062_00086_29198_9529.N1	30-SEP-2007 22:03:26	Dark	43.000	132	15Rho Pup	2.8030	6900.0	86	29198	No
165	GOM_NL__2PRFIN20070930_220605_000000402062_00086_29198_9530.N1	30-SEP-2007 22:06:05	Dark	39.500	65	Lam Vel	2.2040	4400.0	79	29198	No
166	GOM_NL__2PRFIN20070930_220839_000000412062_00086_29198_9531.N1	30-SEP-2007 22:08:39	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	29198	No
167	GOM_NL__2PRFIN20070930_221223_000000422062_00087_29199_9530.N1	30-SEP-2007 22:12:23	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	29199	No
168	GOM_NL__2PRFIN20070930_221347_000000472062_00087_29199_9531.N1	30-SEP-2007 22:13:47	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	29199	No
169	GOM_NL__2PRFIN20070930_222311_000000382062_00087_29199_9532.N1	30-SEP-2007 22:23:11	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	29199	No
170	GOM_NL__2PRFIN20070930_222439_000000432062_00087_29199_9533.N1	30-SEP-2007 22:24:39	Dark	42.500	9	Alp Eri	0.45300	24000.	85	29199	No
171	GOM_NL__2PRFIN20070930_223001_000000452062_00087_29199_9534.N1	30-SEP-2007 22:30:01	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	29199	No
172	GOM_NL__2PRFIN20070930_224709_000000352062_00087_29199_9535.N1	30-SEP-2007 22:47:09	Bright	35.000	90	54Alp Peg	2.4870	11000.	70	29199	No
173	GOM_NL__2PRFIN20070930_225048_000000372062_00087_29199_9536.N1	30-SEP-2007 22:50:48	Bright	36.500	93	53Bet Peg	2.5200	3100.0	73	29199	No
174	GOM_NL__2PRFIN20070930_230015_000000392062_00087_29199_9537.N1	30-SEP-2007 23:00:15	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	29199	No
175	GOM_NL__2PRFIN20070930_230811_000000362062_00087_29199_9538.N1	30-SEP-2007 23:08:11	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	29199	No
176	GOM_NL__2PRFIN20070930_231607_000000372062_00087_29199_9539.N1	30-SEP-2007 23:16:07	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	29199	No
177	GOM_NL__2PRFIN20070930_231737_000000422062_00087_29199_9540.N1	30-SEP-2007 23:17:37	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	29199	No
178	GOM_NL__2PRFIN20070930_232728_000000372062_00087_29199_9541.N1	30-SEP-2007 23:27:28	Bright	37.000	166	17Eps Leo	2.9800	6000.0	74	29199	No
179	GOM_NL__2PRFIN20070930_233700_000000412062_00087_29199_9542.N1	30-SEP-2007 23:37:00	Twilight	40.500	48	30Alp Hya	1.9770	4100.0	81	29199	No
180	GOM_NL__2PRFIN20070930_234403_000000432062_00087_29199_9543.N1	30-SEP-2007 23:44:03	Dark	42.500	132	15Rho Pup	2.8030	6900.0	85	29199	No
181	GOM_NL__2PRFIN20070930_234641_000000432062_00087_29199_9544.N1	30-SEP-2007 23:46:41	Dark	42.500	65	Lam Vel	2.2040	4400.0	85	29199	No
182	GOM_NL__2PRFIN20070930_234915_000000402062_00087_29199_9545.N1	30-SEP-2007 23:49:15	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	29199	No
183	GOM_NL__2PRFIN20070930_235259_000000432062_00088_29200_9544.N1	30-SEP-2007 23:52:59	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	29200	No
184	GOM_NL__2PRFIN20070930_235423_000000582062_00088_29200_9545.N1	30-SEP-2007 23:54:23	Dark	57.500	2	Alp Car	-0.73600	7000.0	115	29200	No

3. Quality information per product

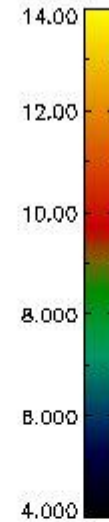
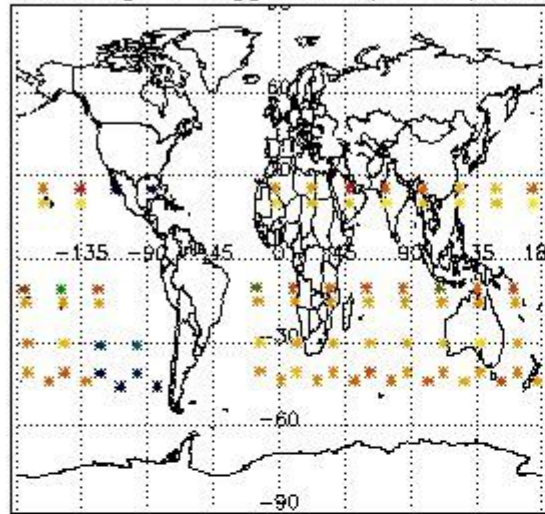
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

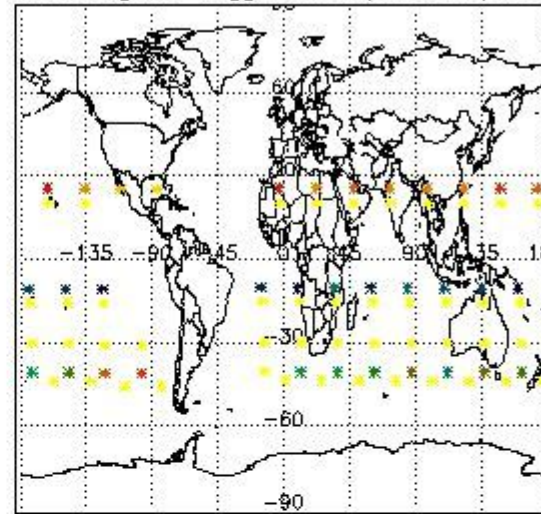


3.2 Plot quality information per product (world map)

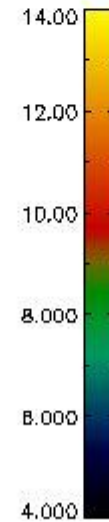
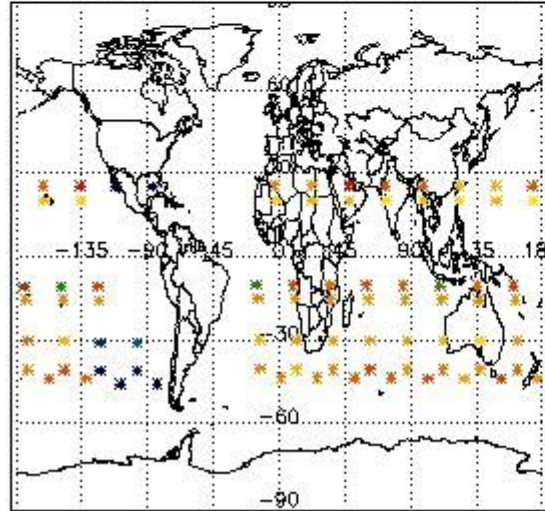
Percentage of flagged data per O3 profile



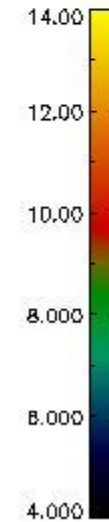
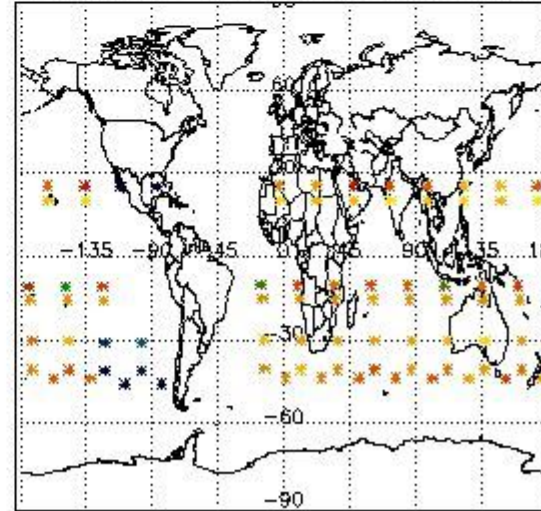
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

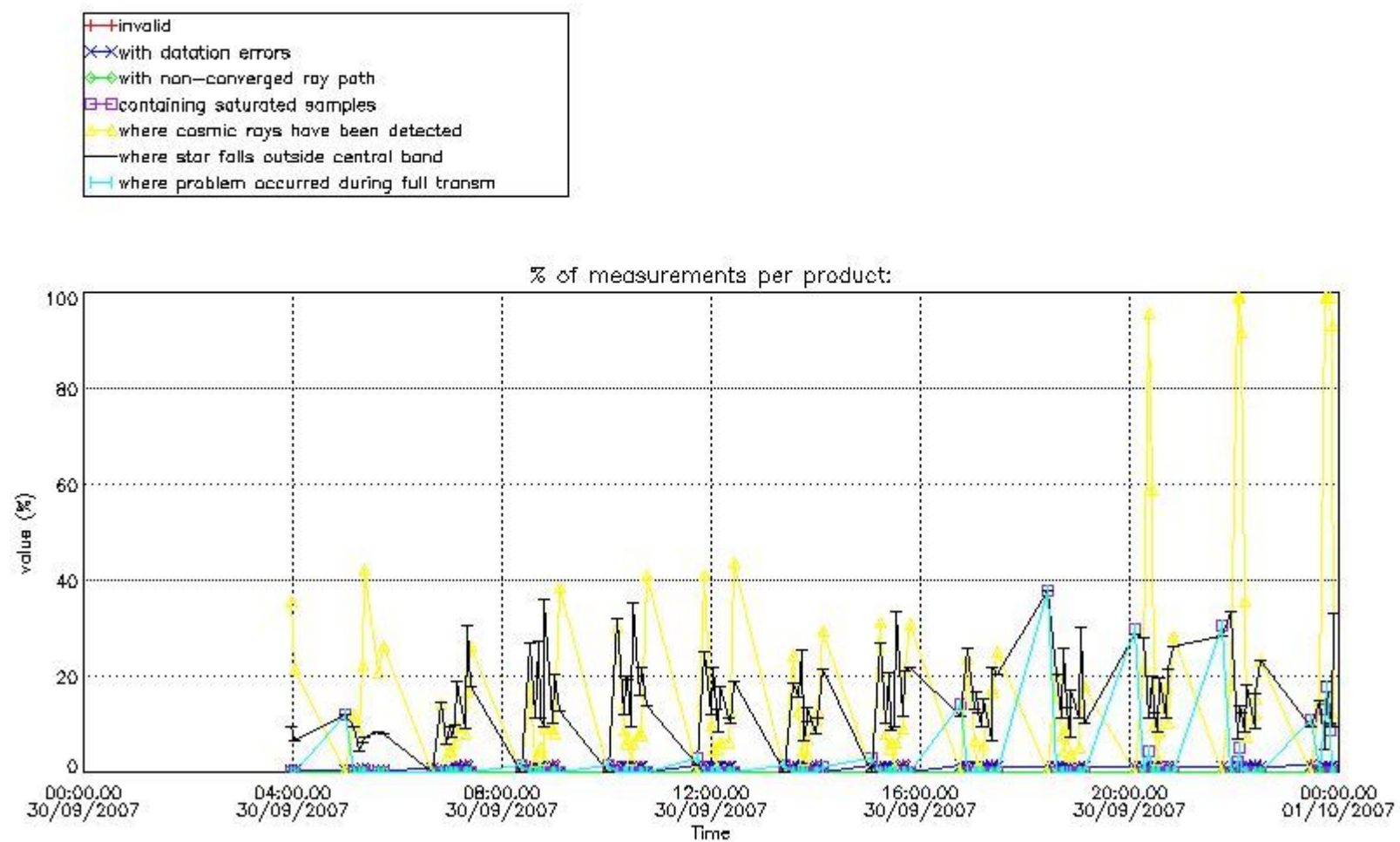


4. Level 1 quality information per product

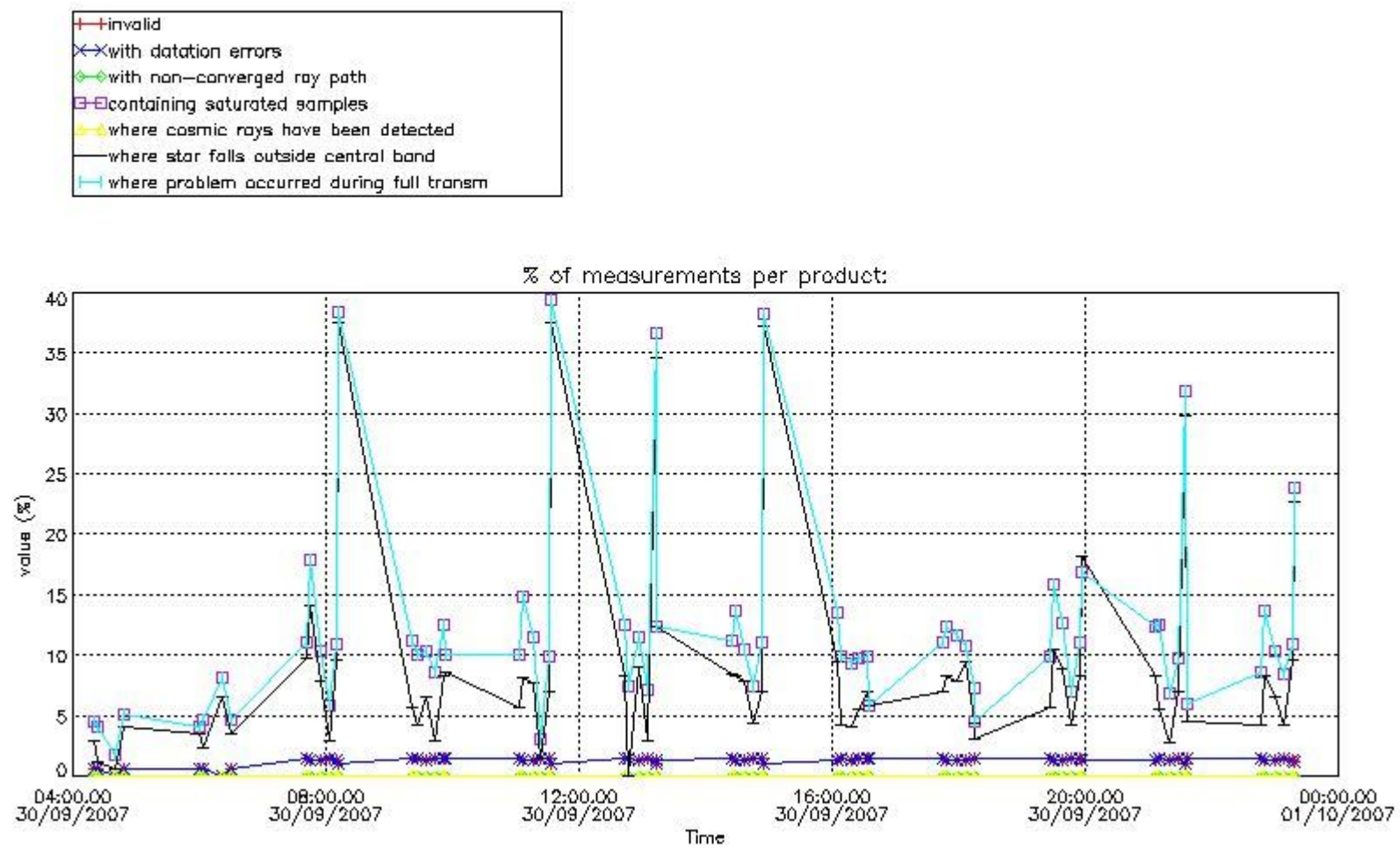
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



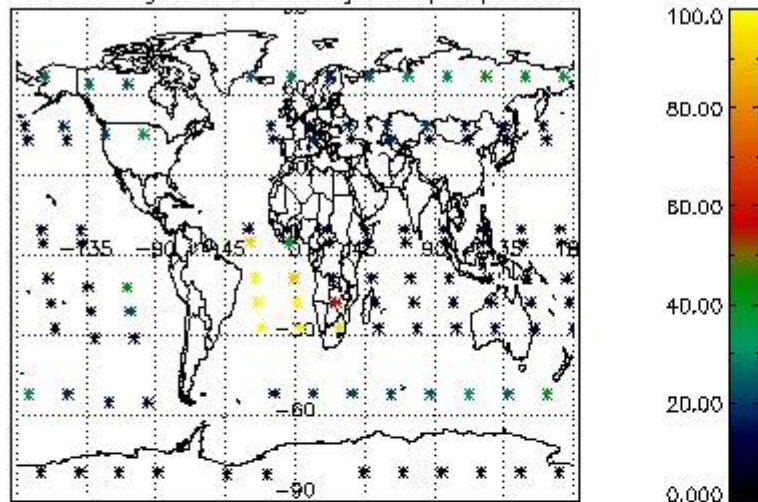
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



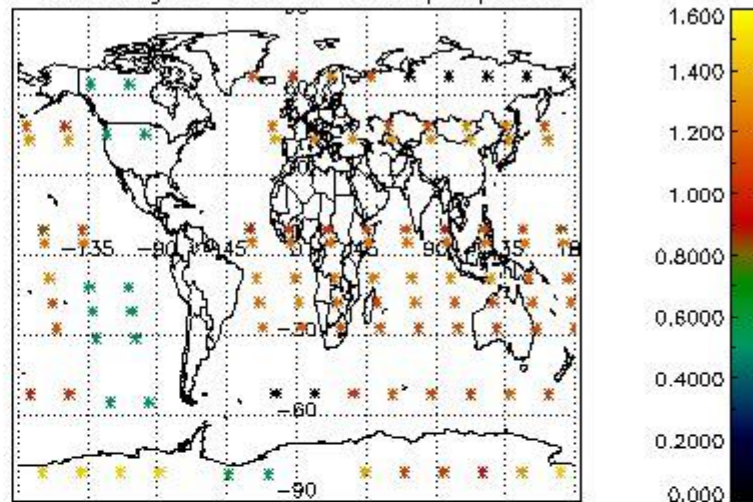
4.2 Plot quality information per product coming from level 1b processing (world map)

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

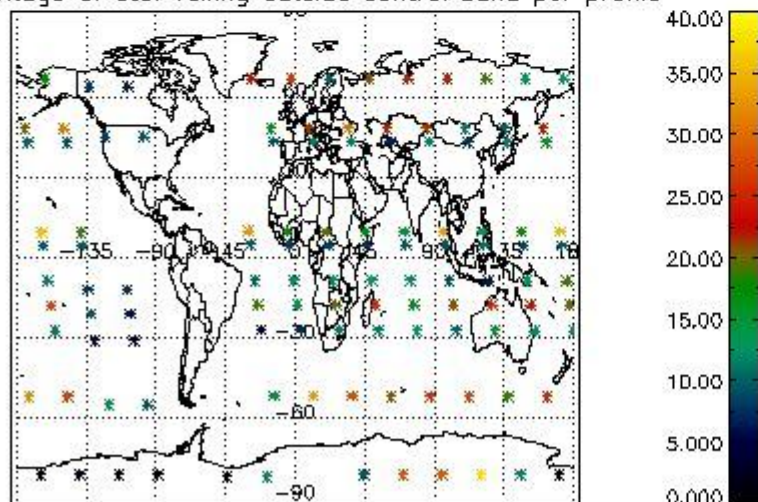
Percentage of cosmic ray hits per profile



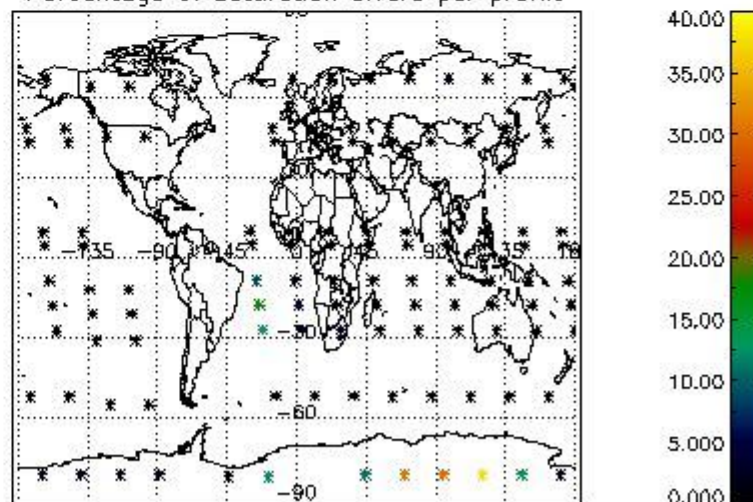
Percentage of datation errors per profile



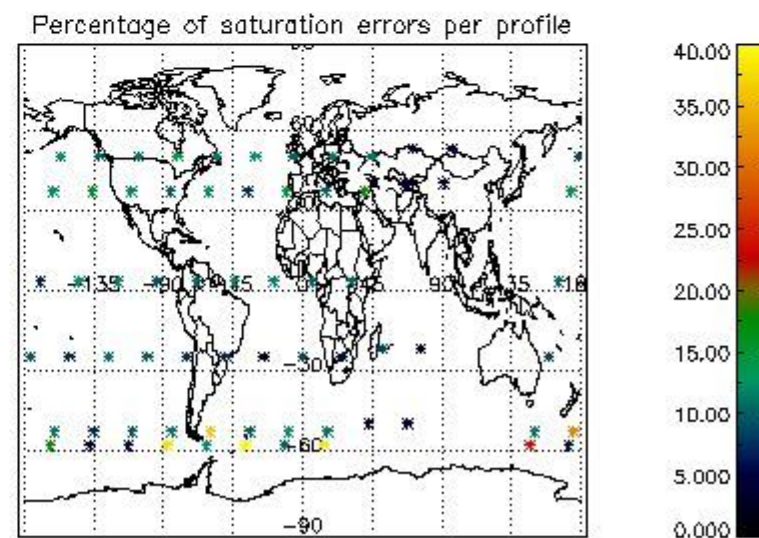
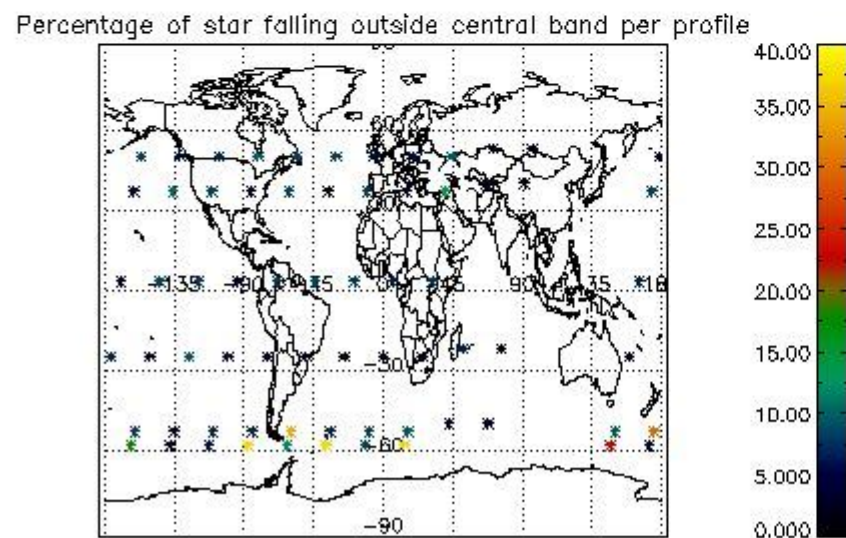
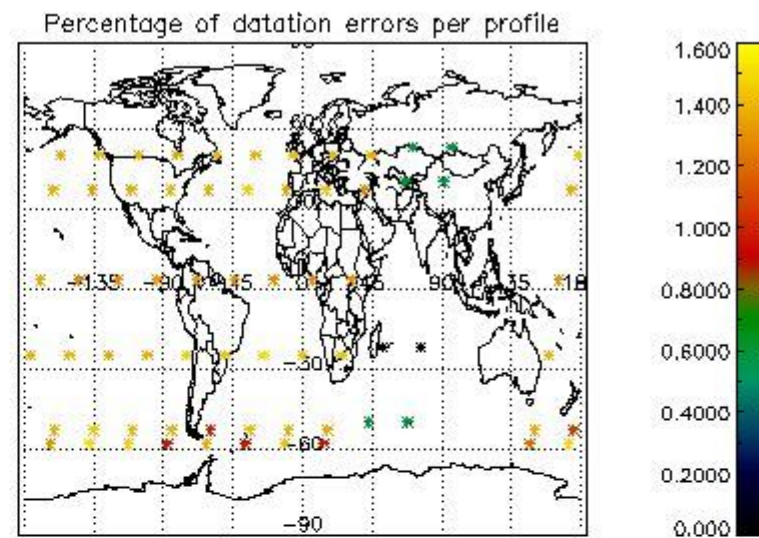
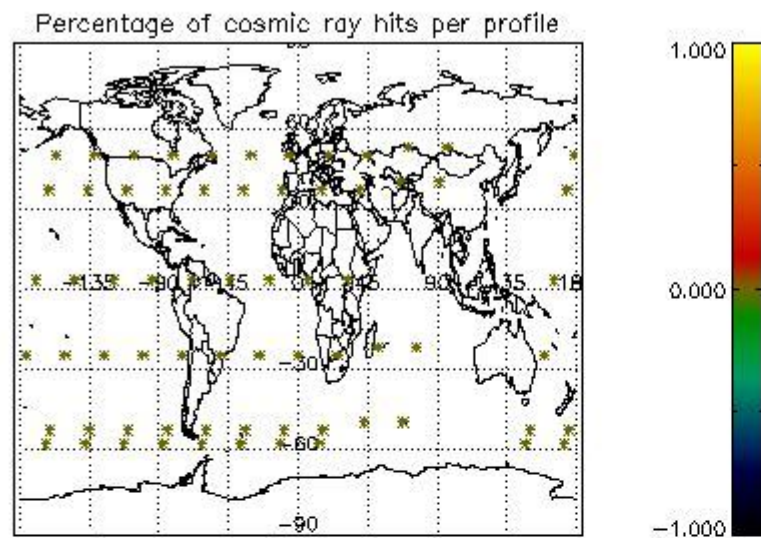
Percentage of star falling outside central band per profile



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

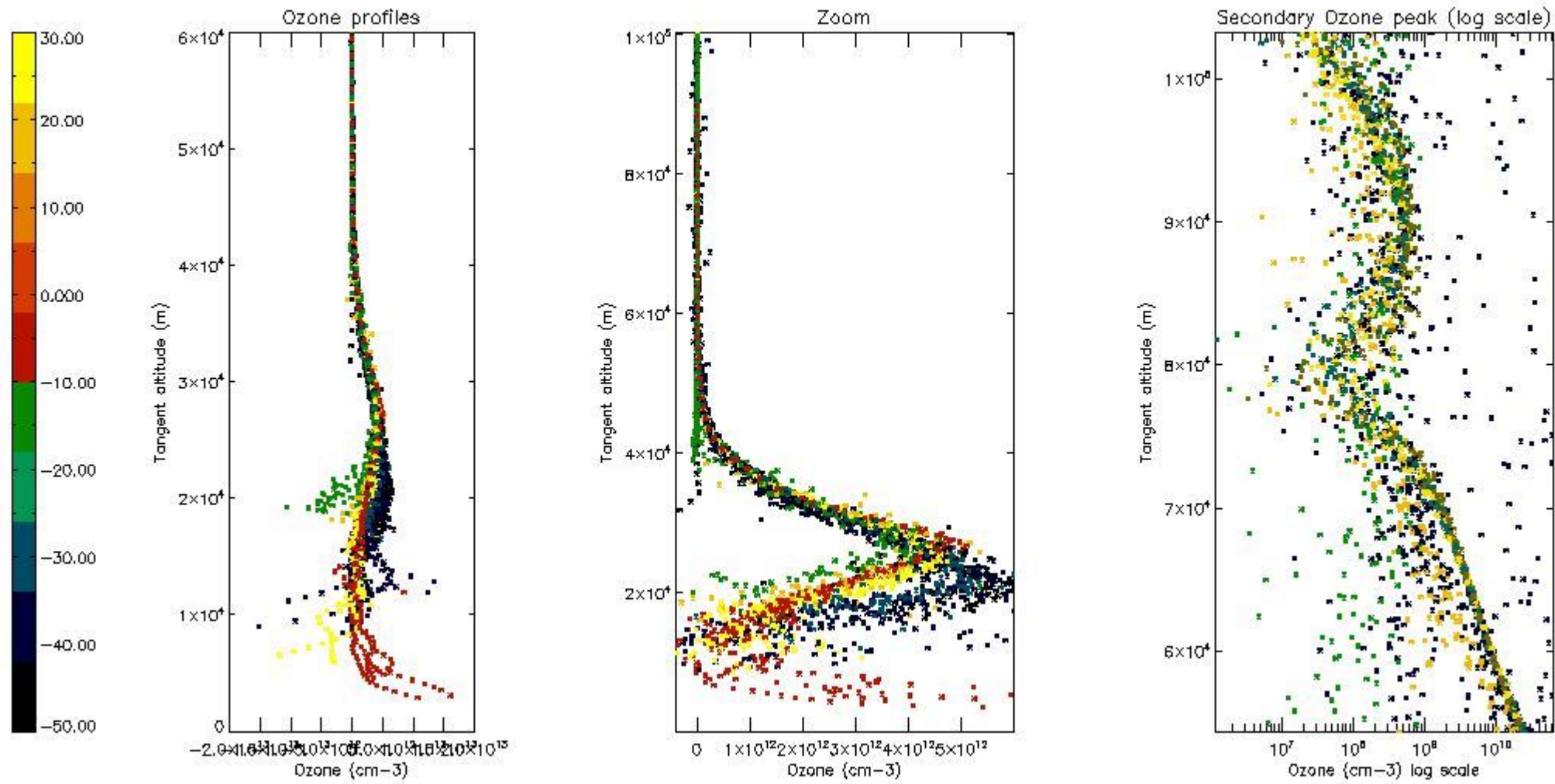
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	46
STD < 20	20

STD < 10	15
STD < 5	10

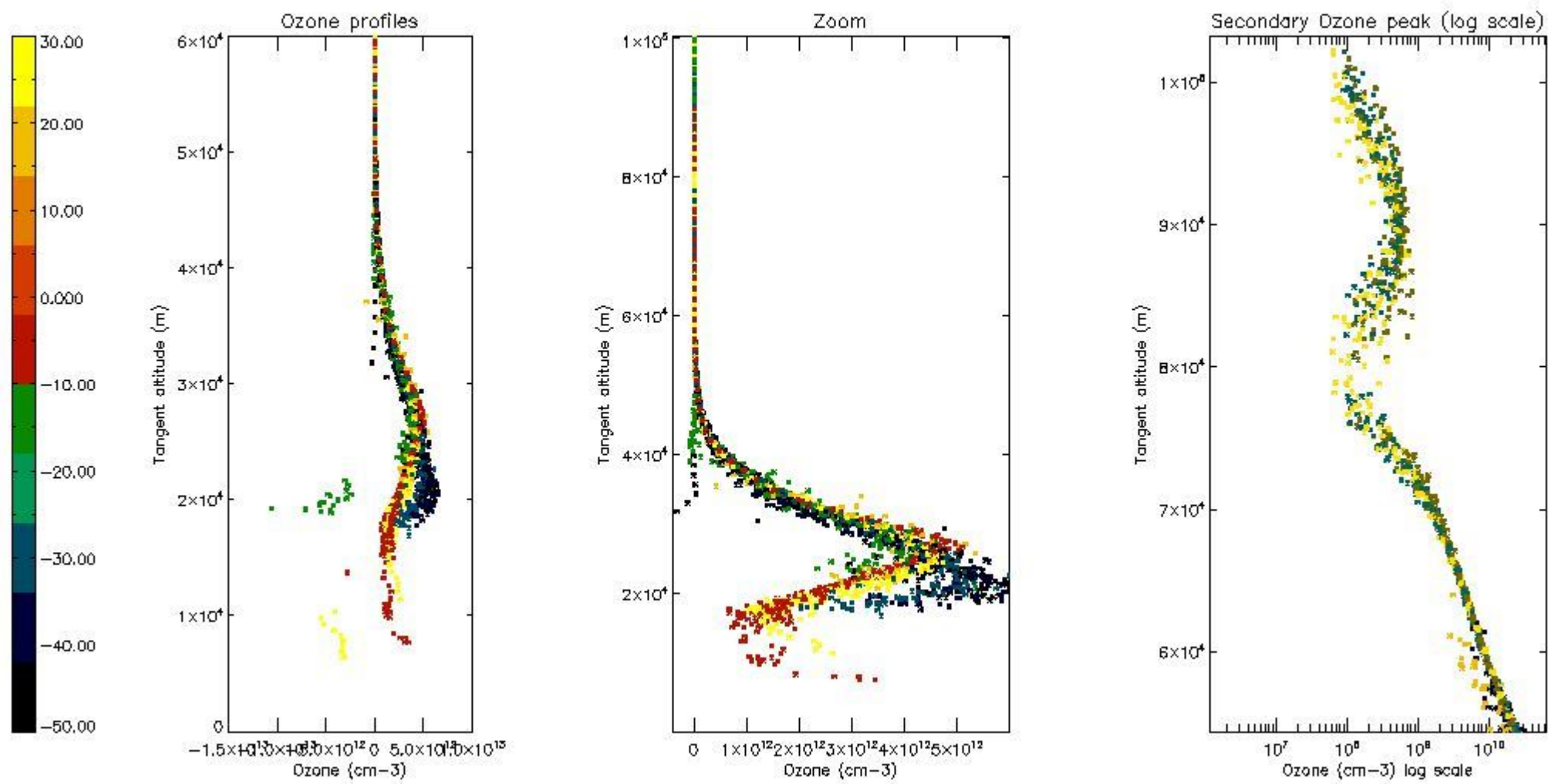
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



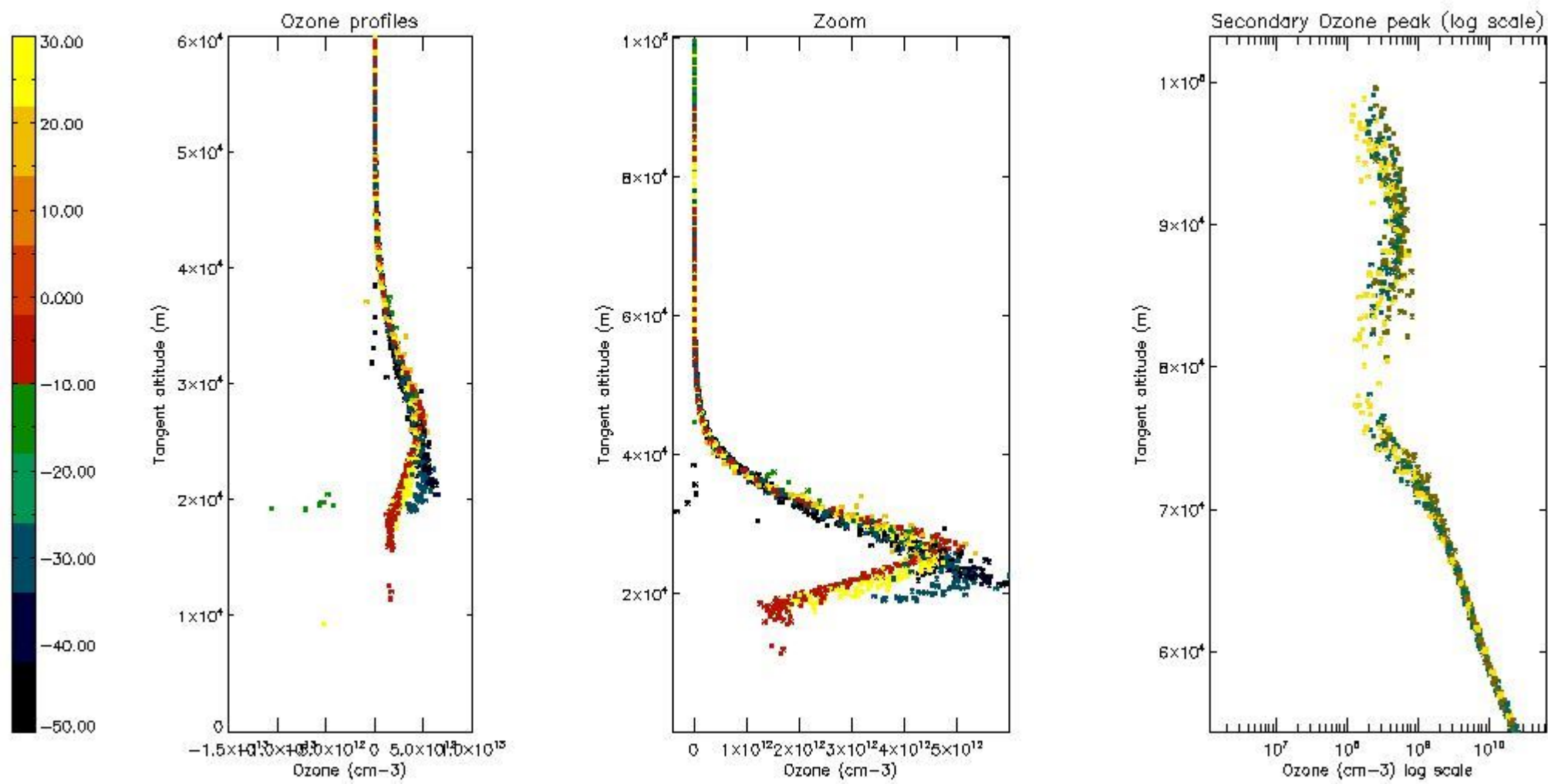
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



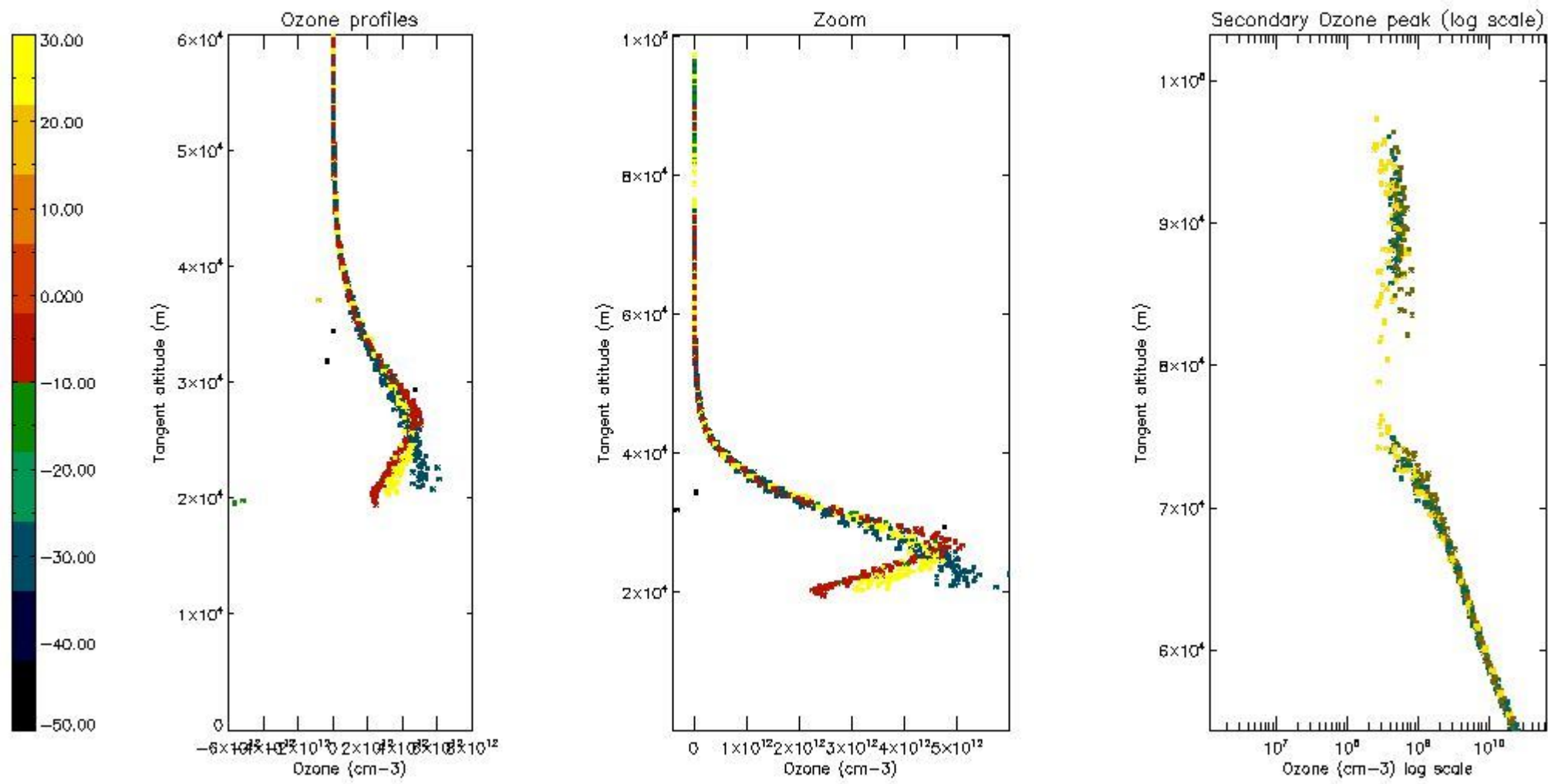
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



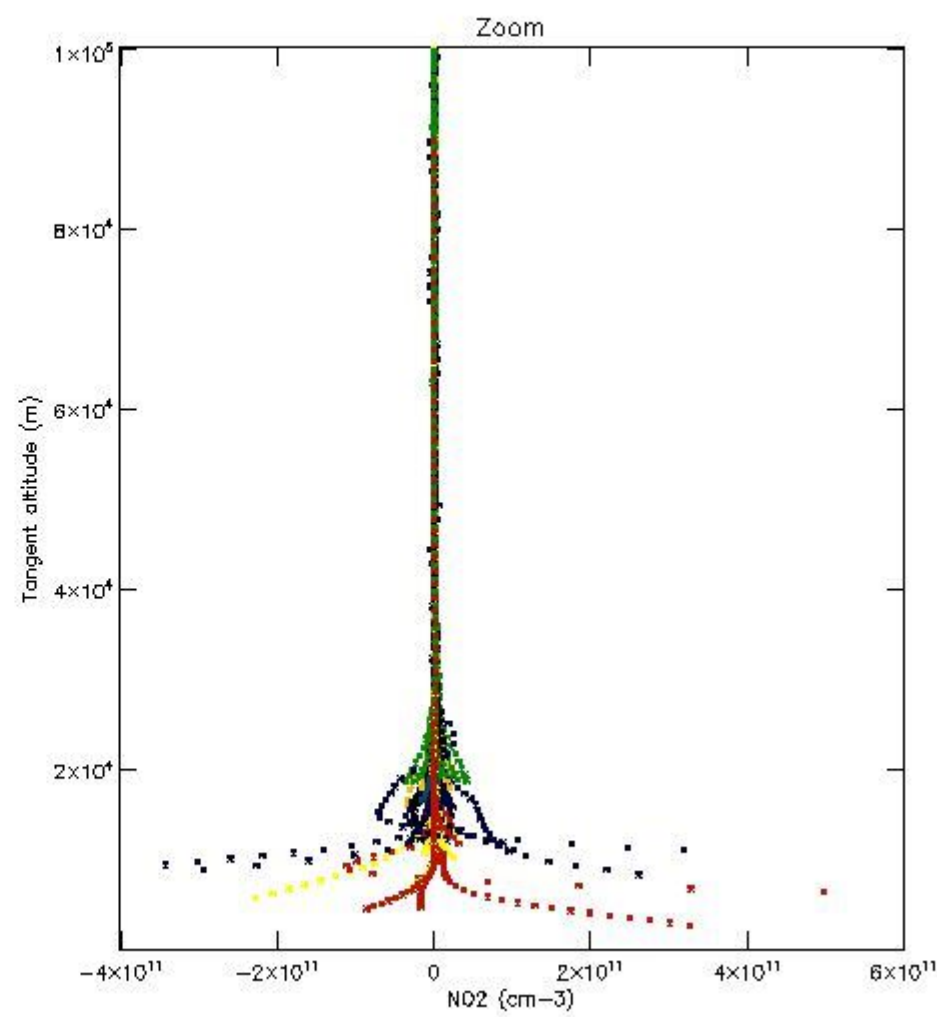
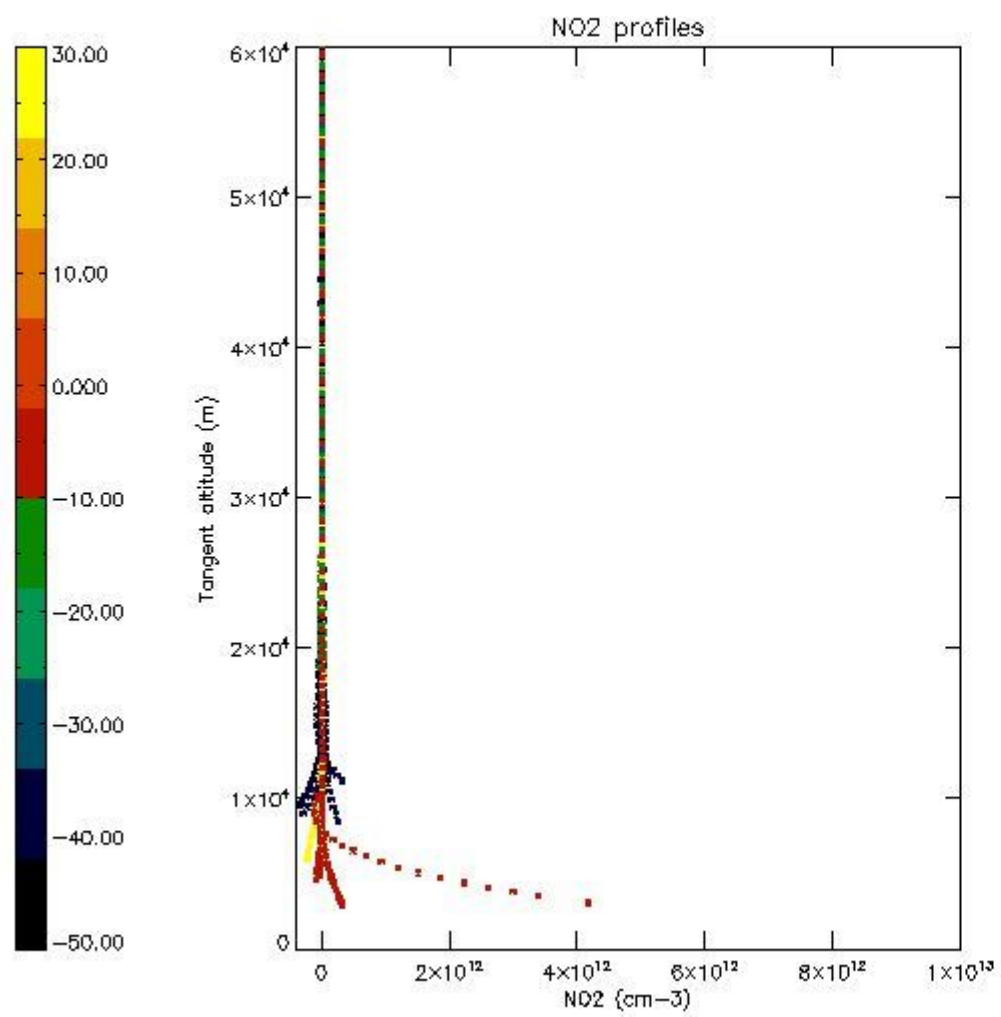
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



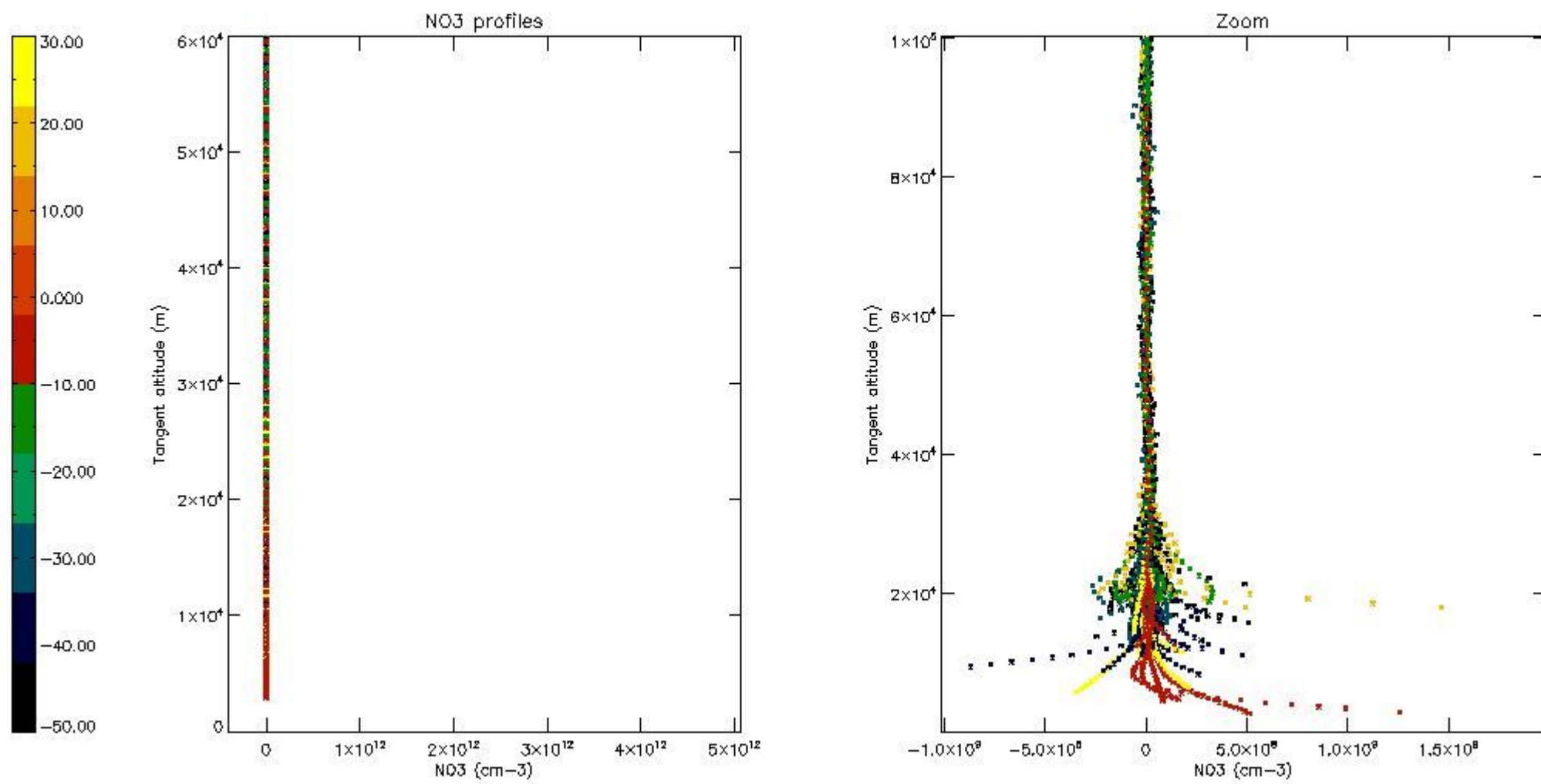
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



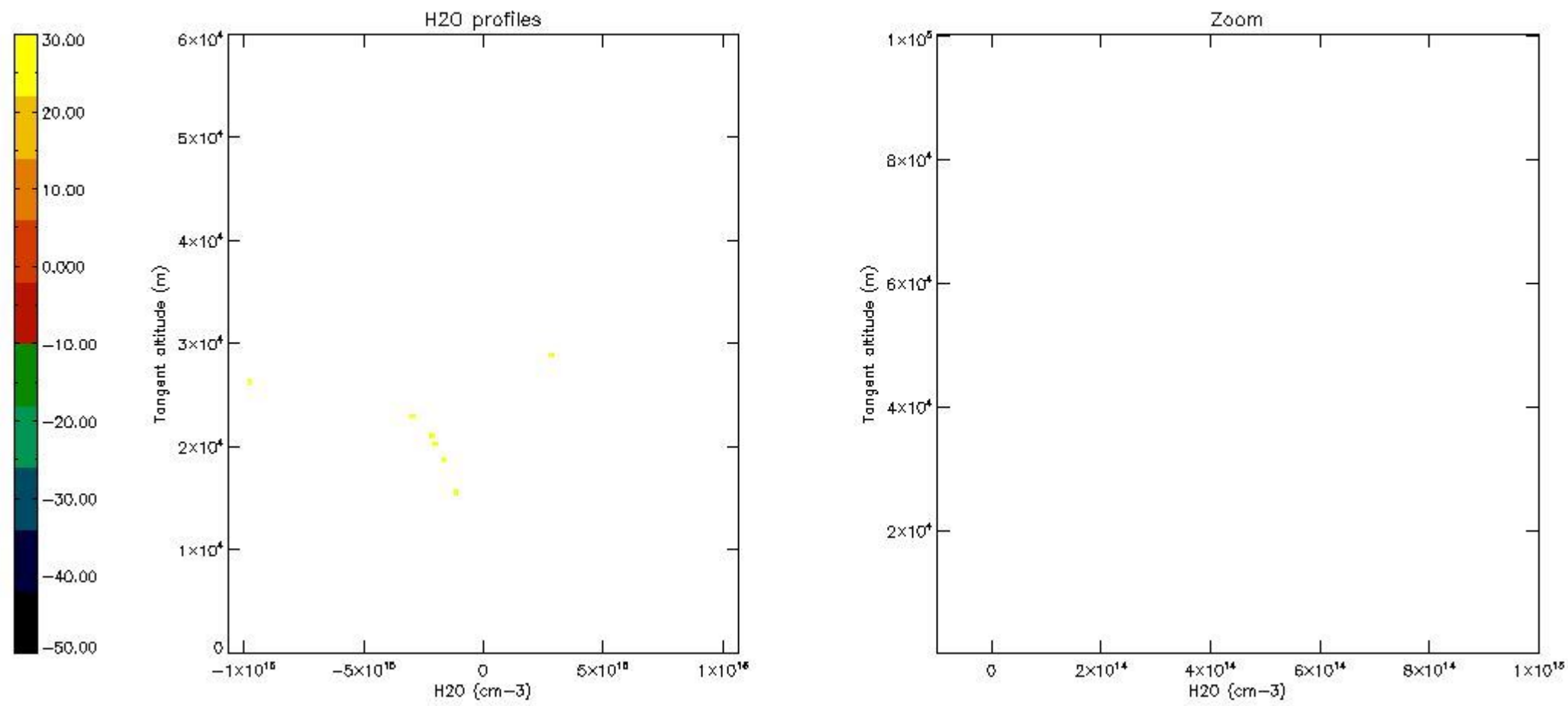
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

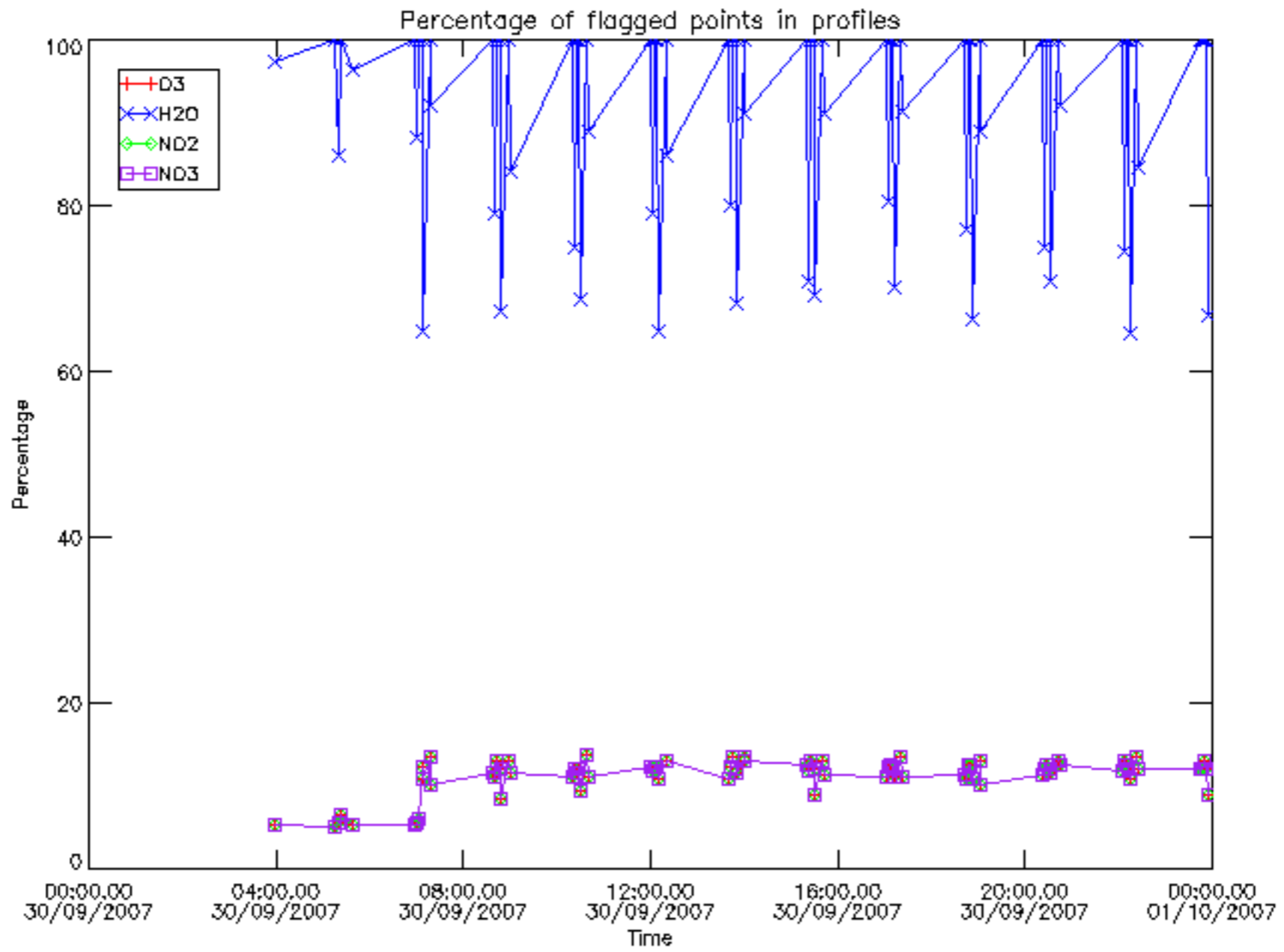
The colorbar represents the latitude.



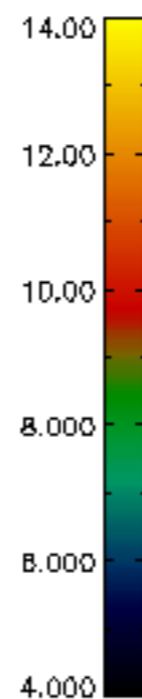
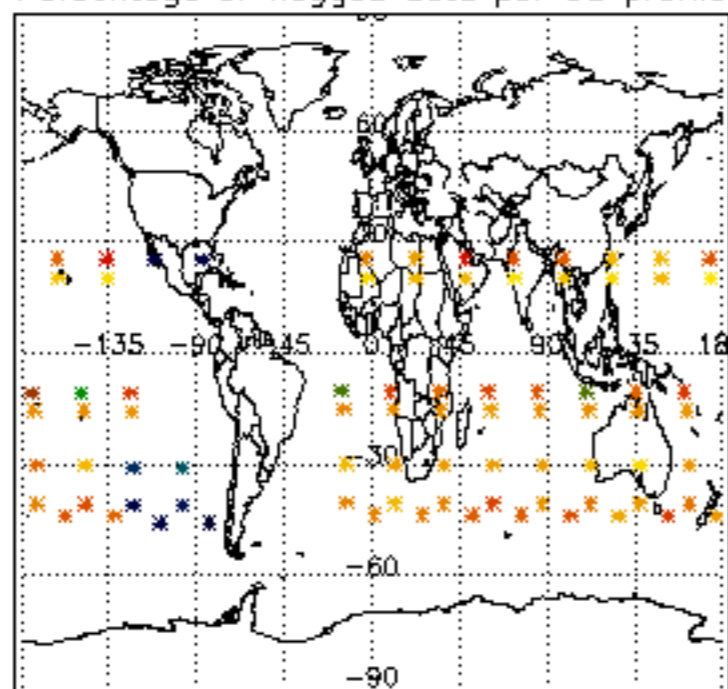
6. Auxiliary Data Files used for the production reported in section 2

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.

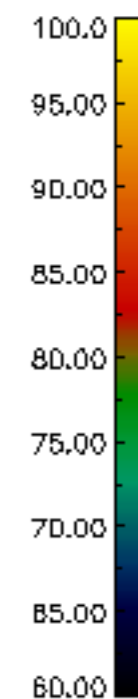
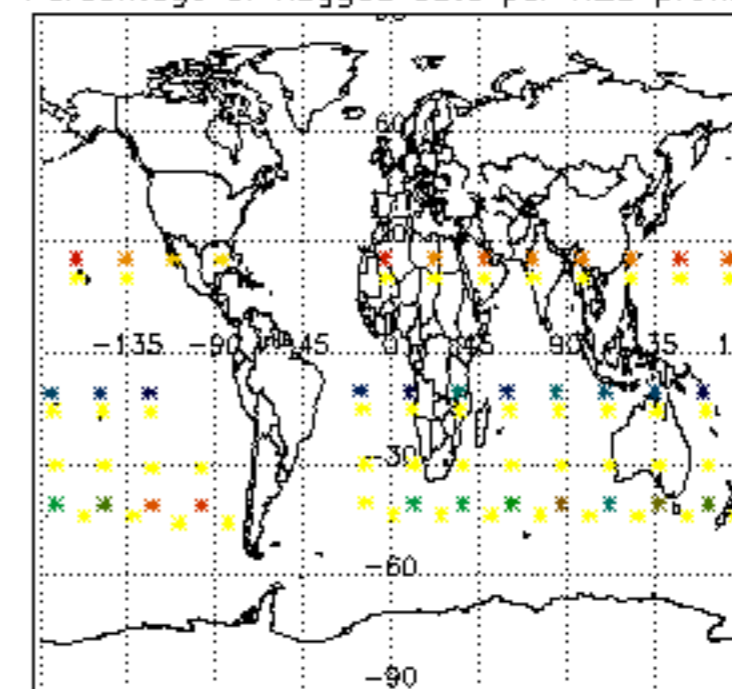
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	30-SEP-2007 03:57:07
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	30-SEP-2007 03:57:07
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	30-SEP-2007 03:57:07



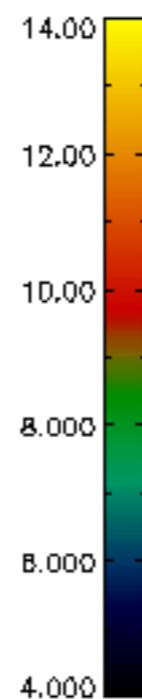
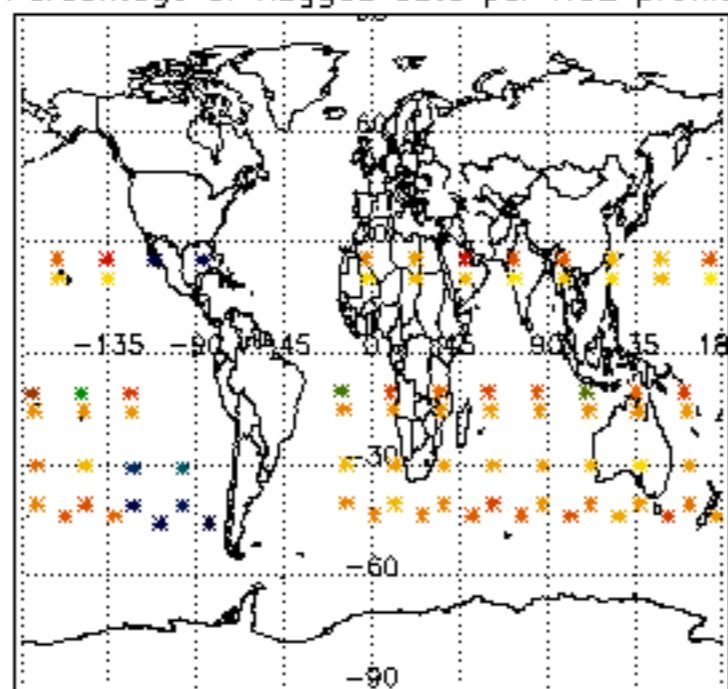
Percentage of flagged data per D3 profile



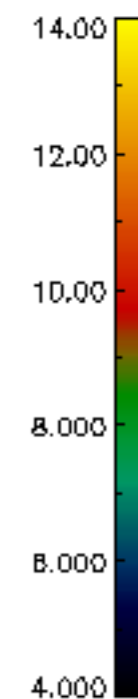
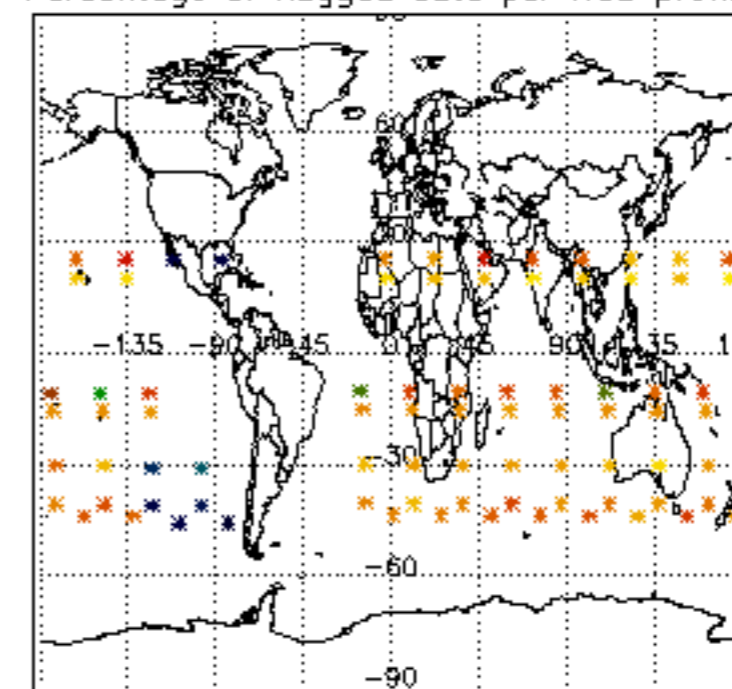
Percentage of flagged data per H2O profile

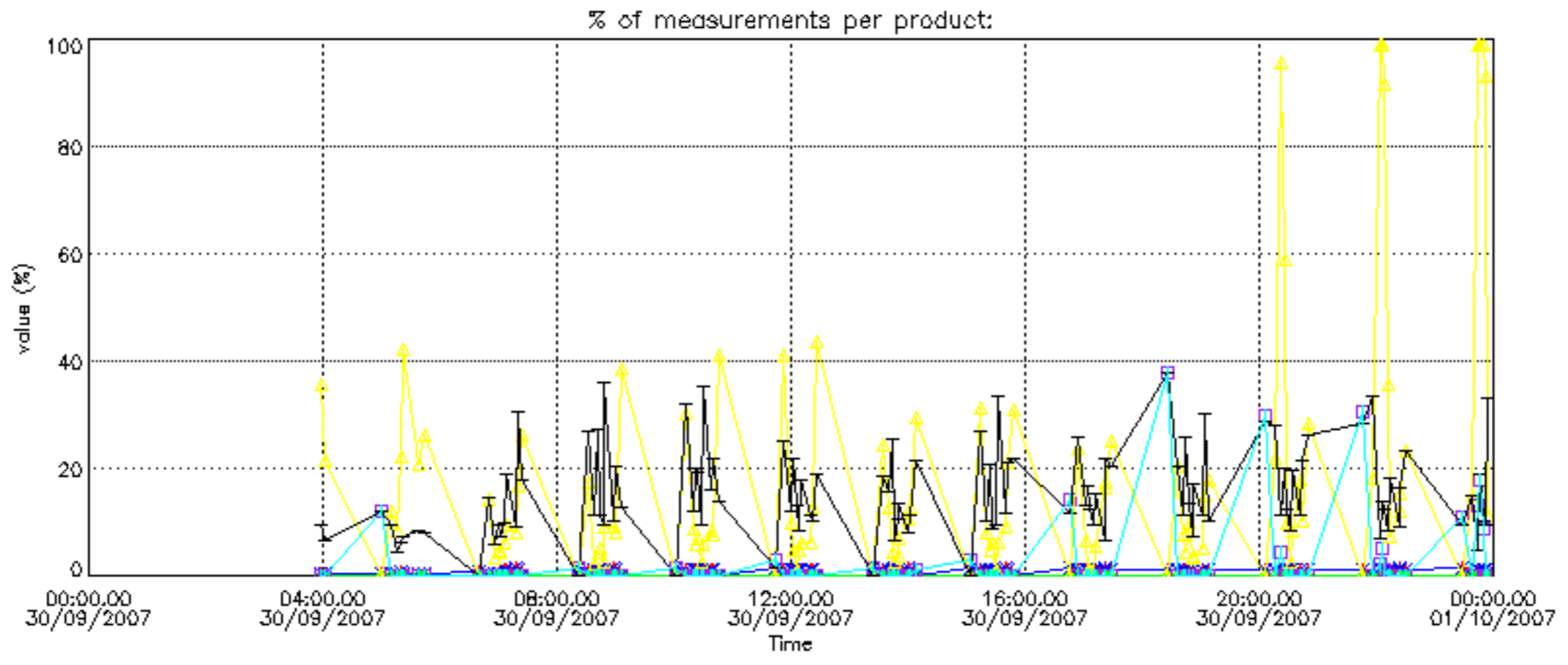


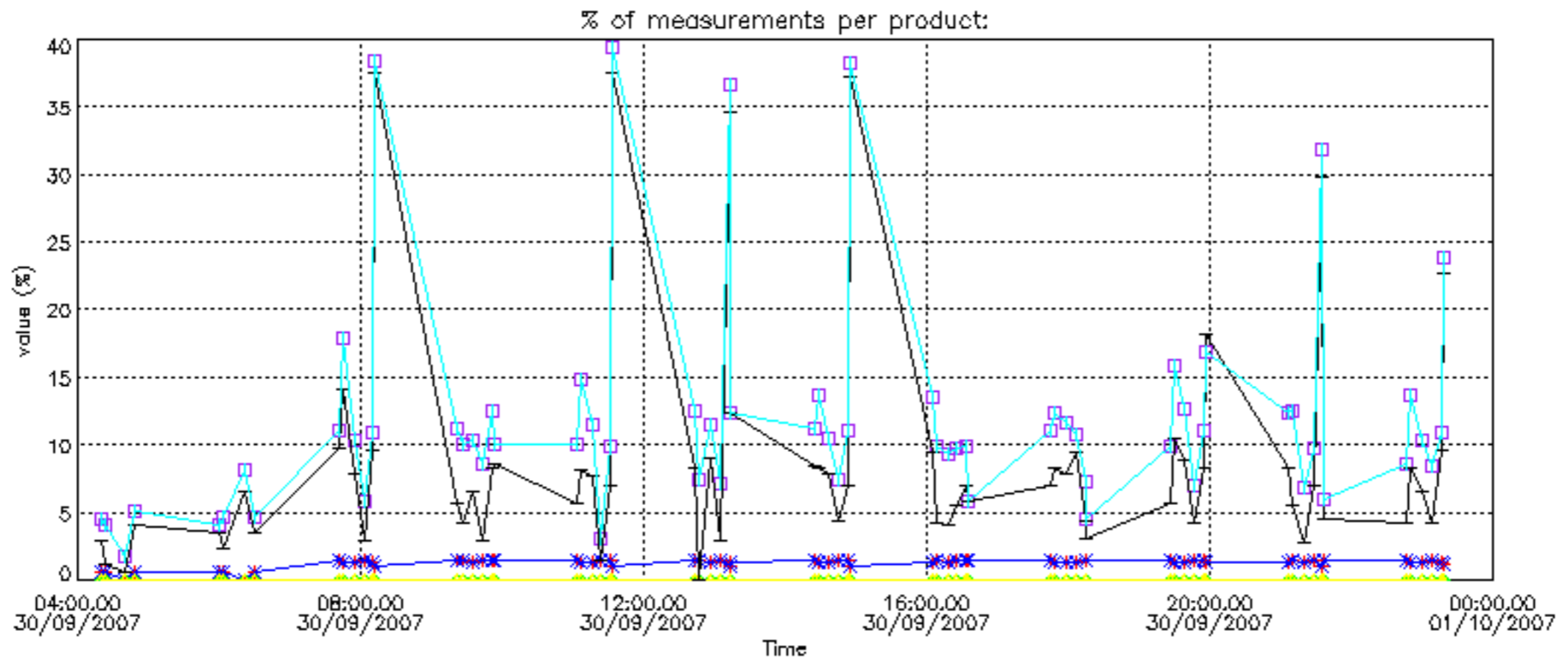
Percentage of flagged data per NO2 profile



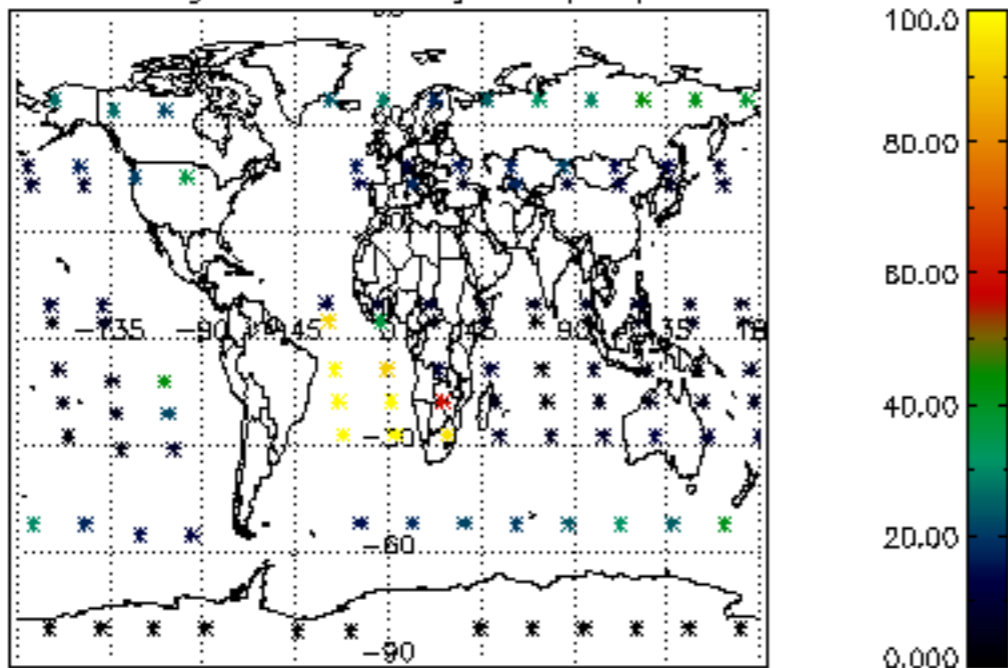
Percentage of flagged data per NO3 profile



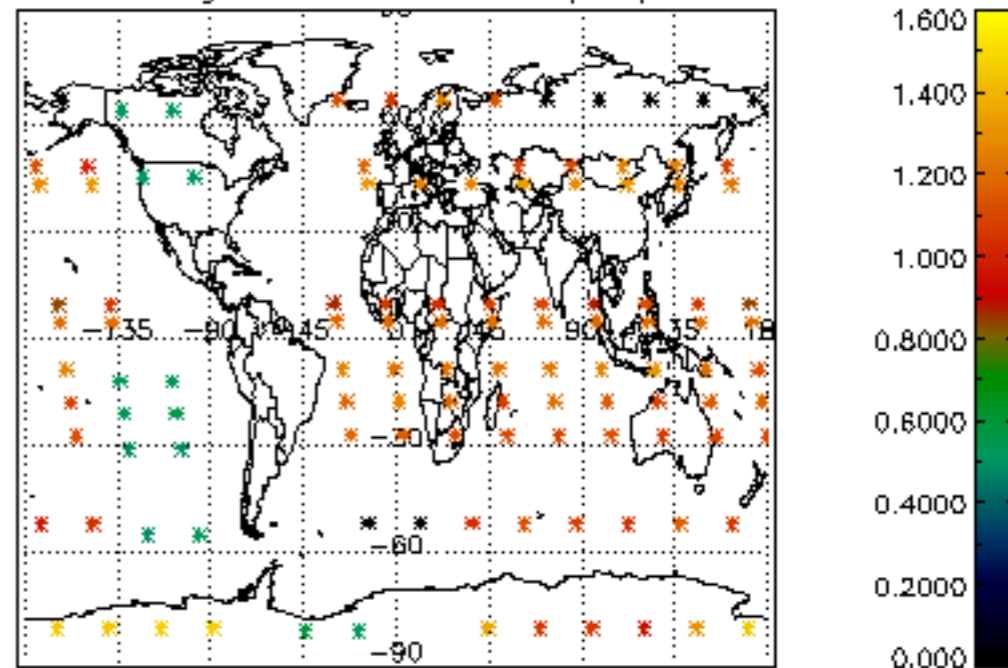




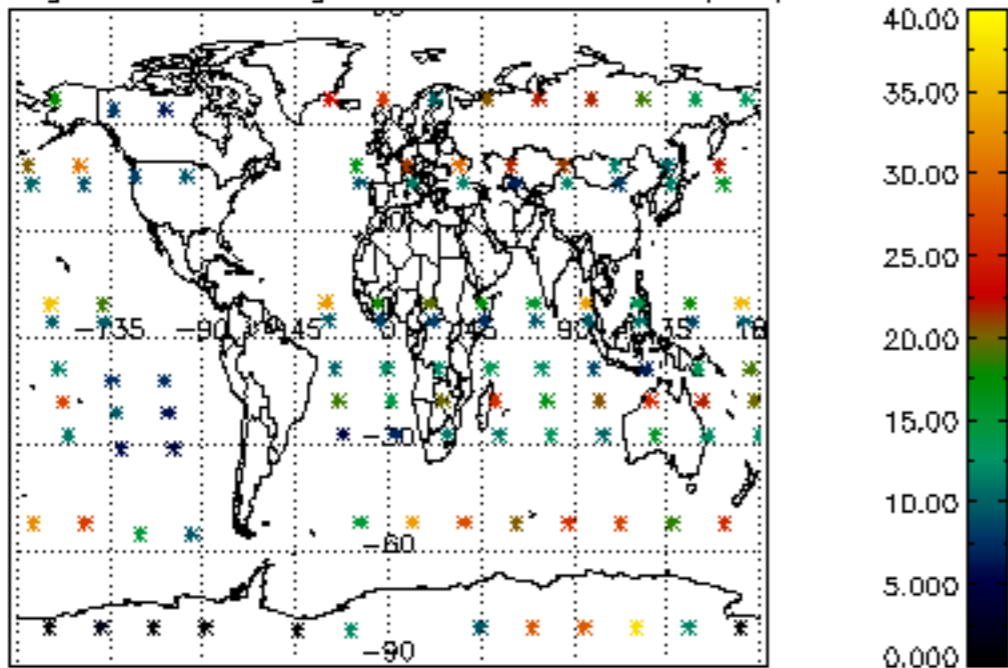
Percentage of cosmic ray hits per profile



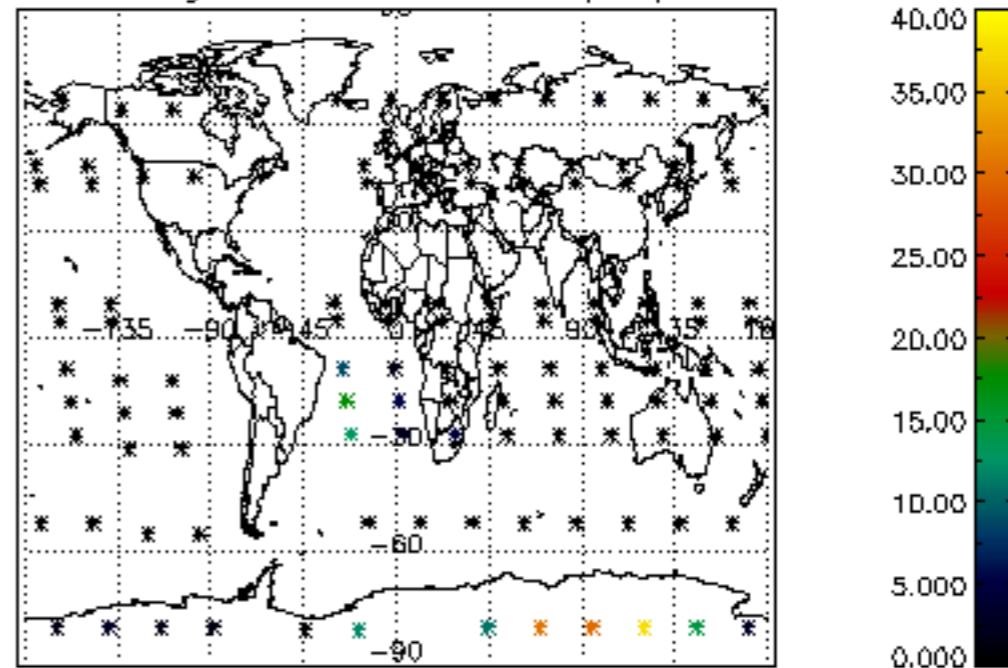
Percentage of datation errors per profile



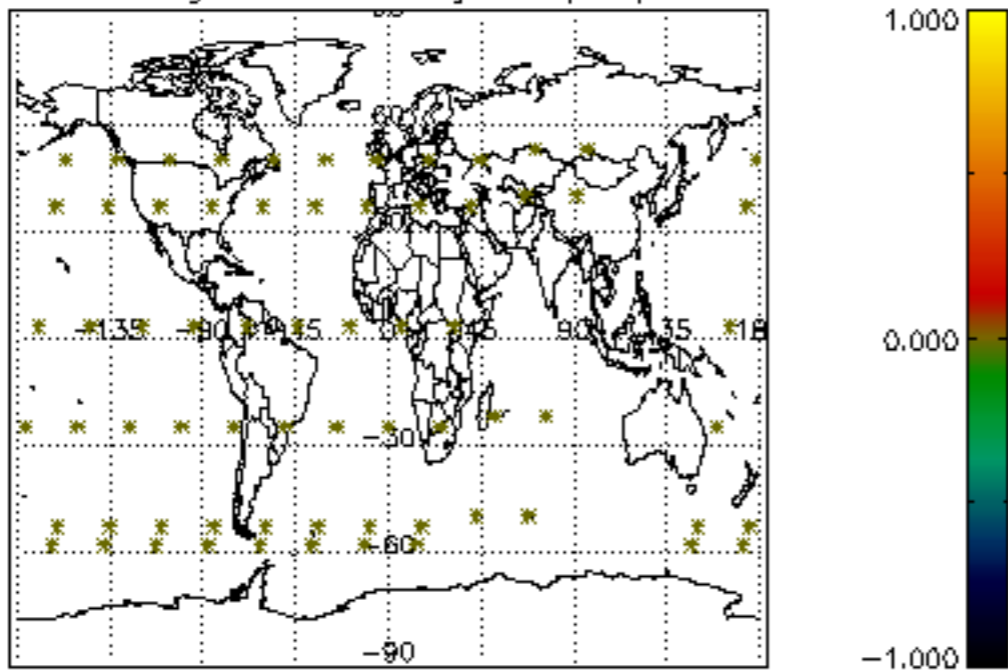
Percentage of star falling outside central band per profile



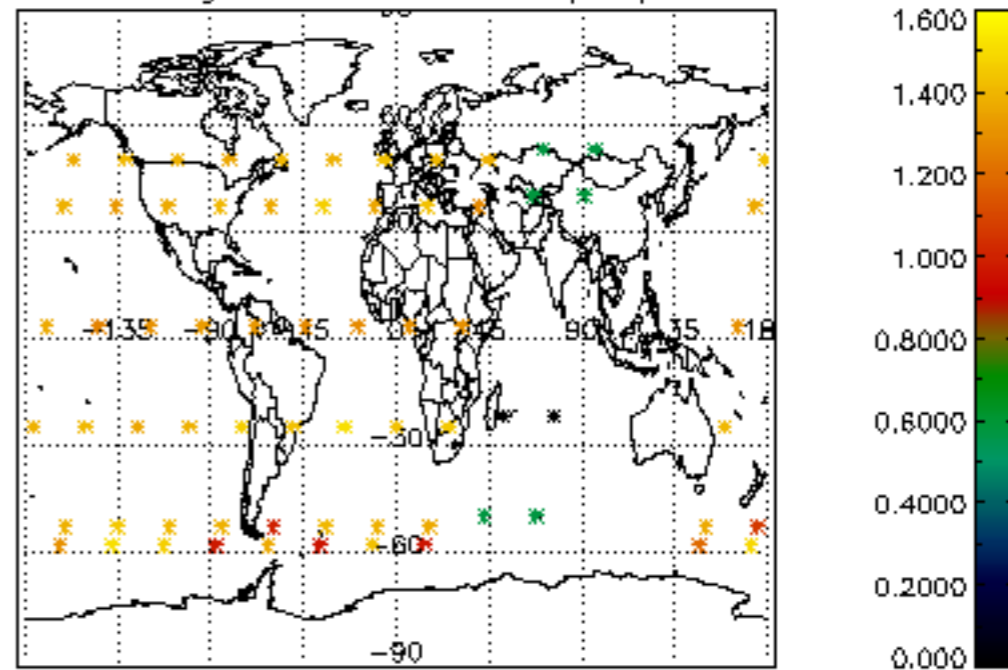
Percentage of saturation errors per profile



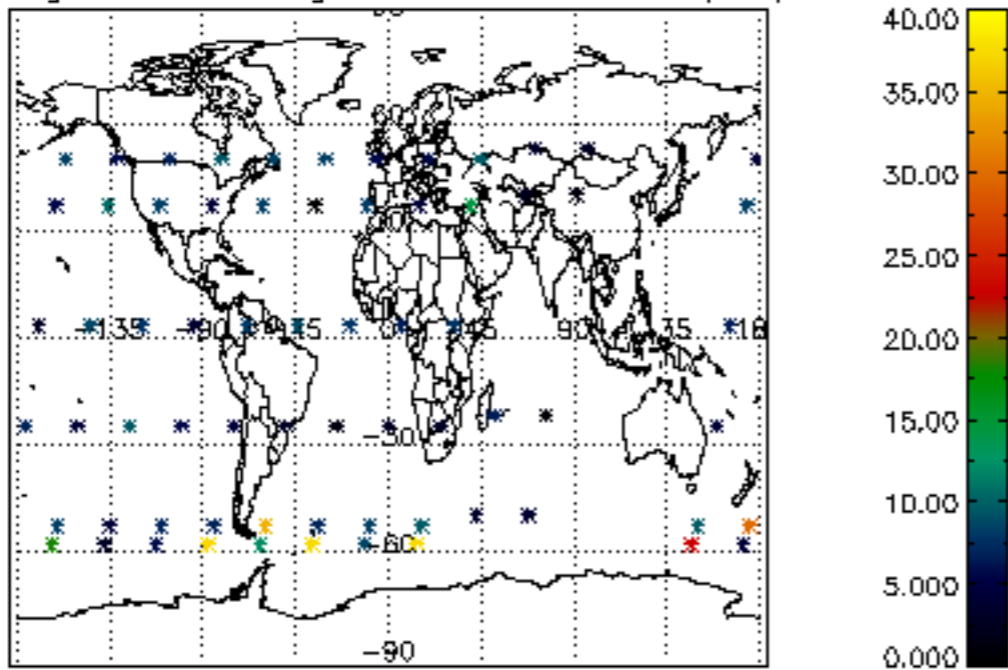
Percentage of cosmic ray hits per profile



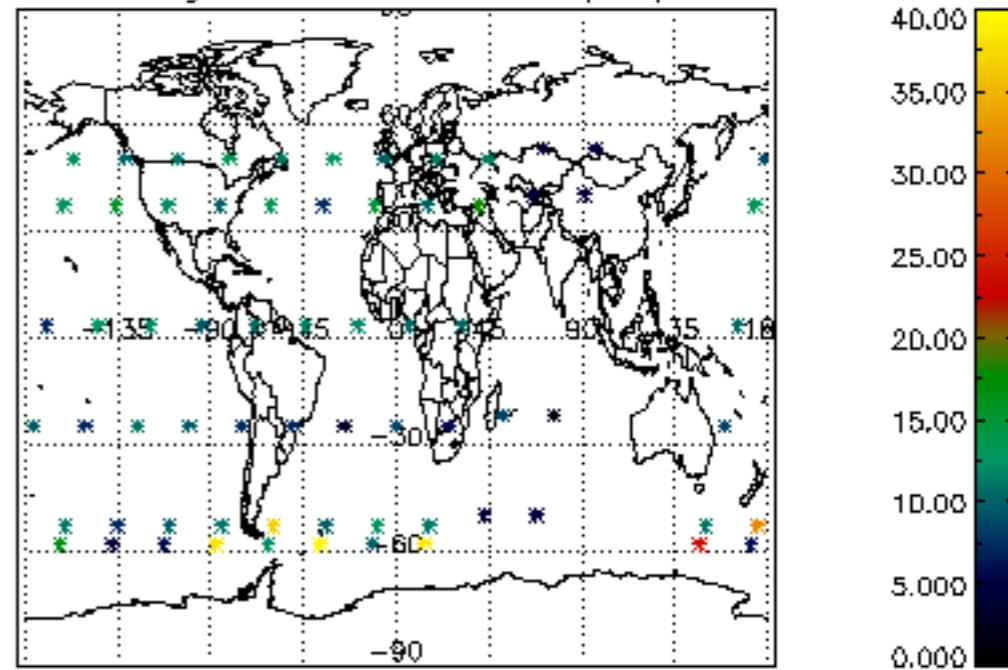
Percentage of datation errors per profile

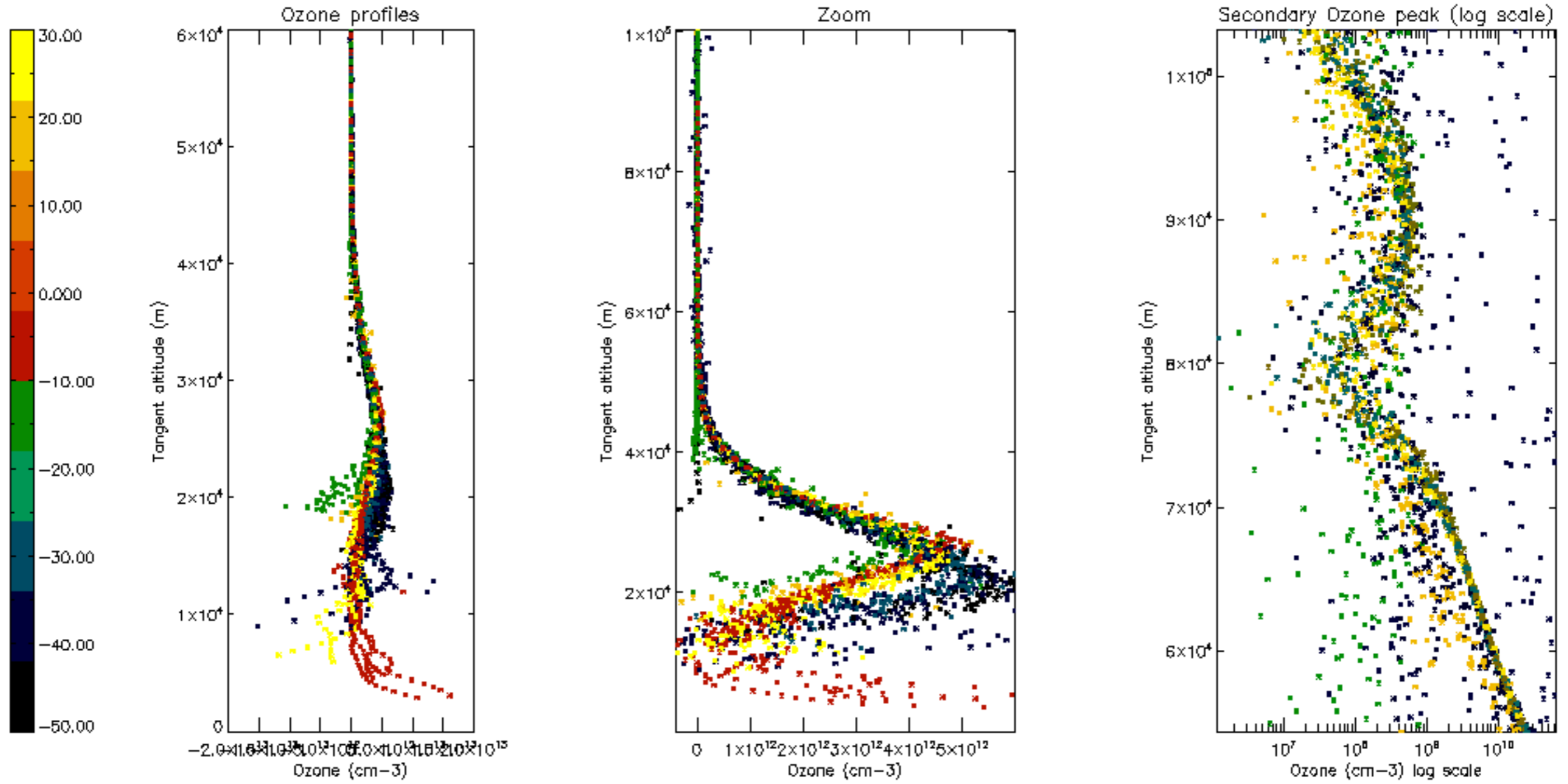


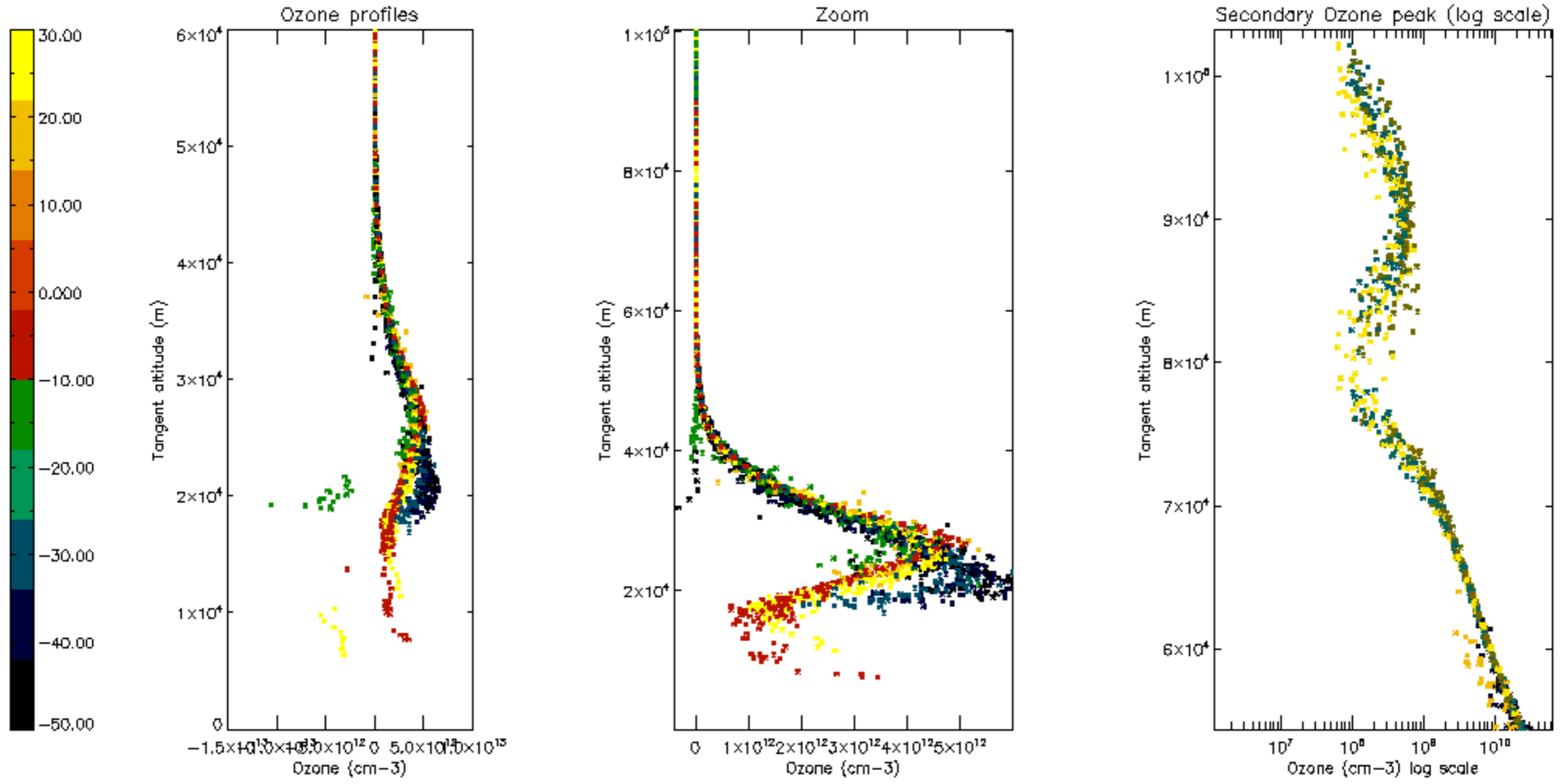
Percentage of star falling outside central band per profile

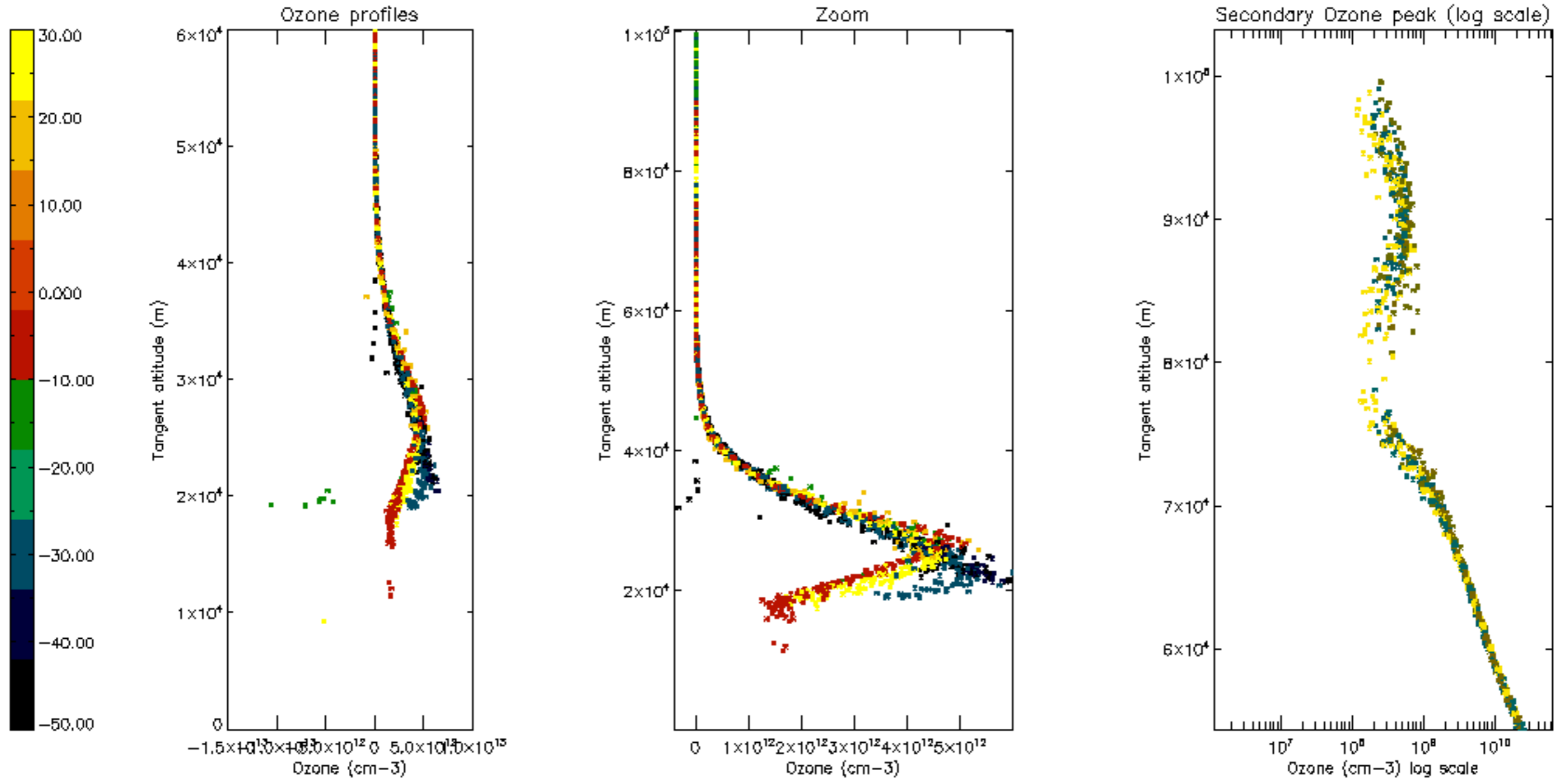


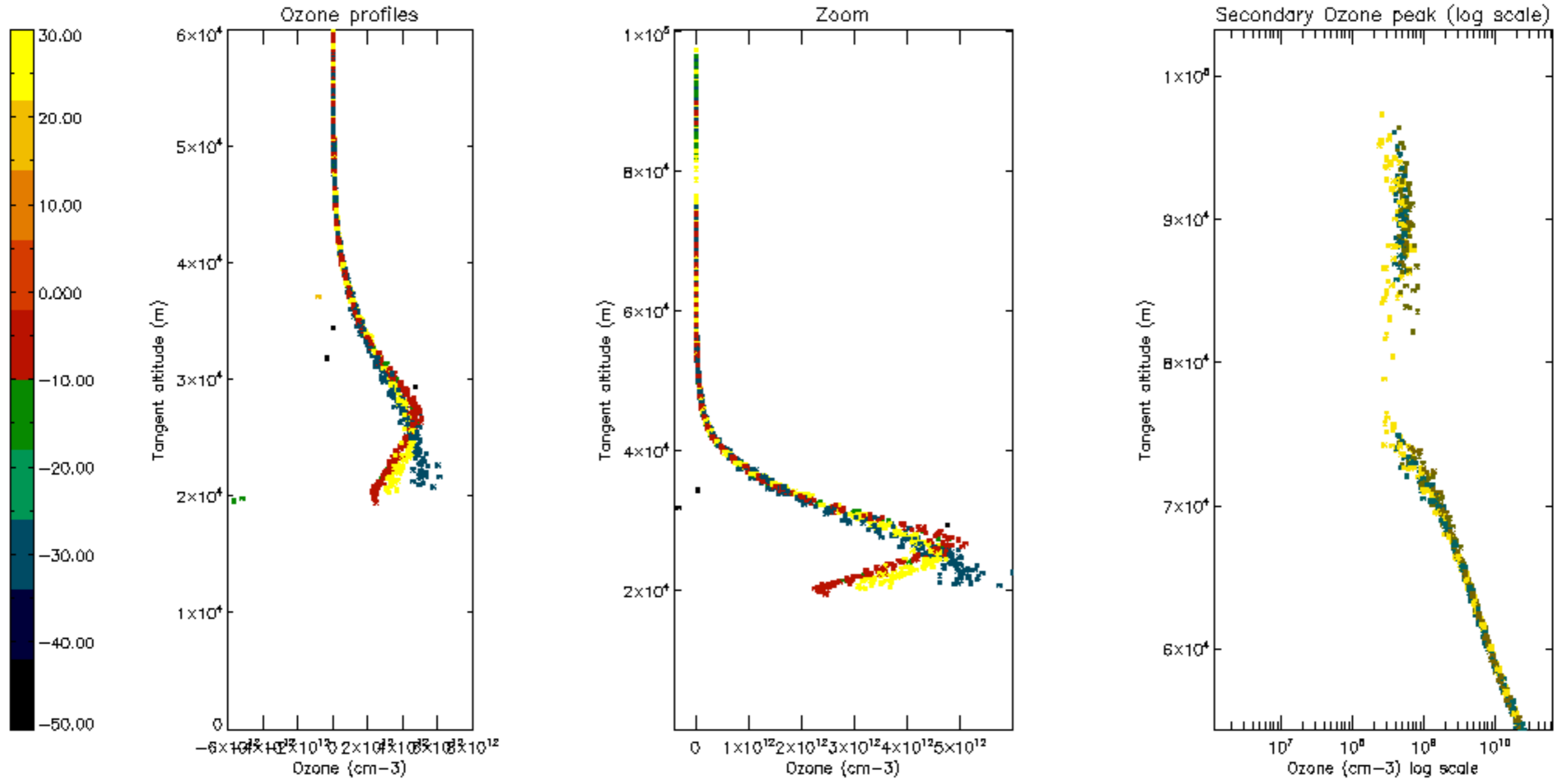
Percentage of saturation errors per profile

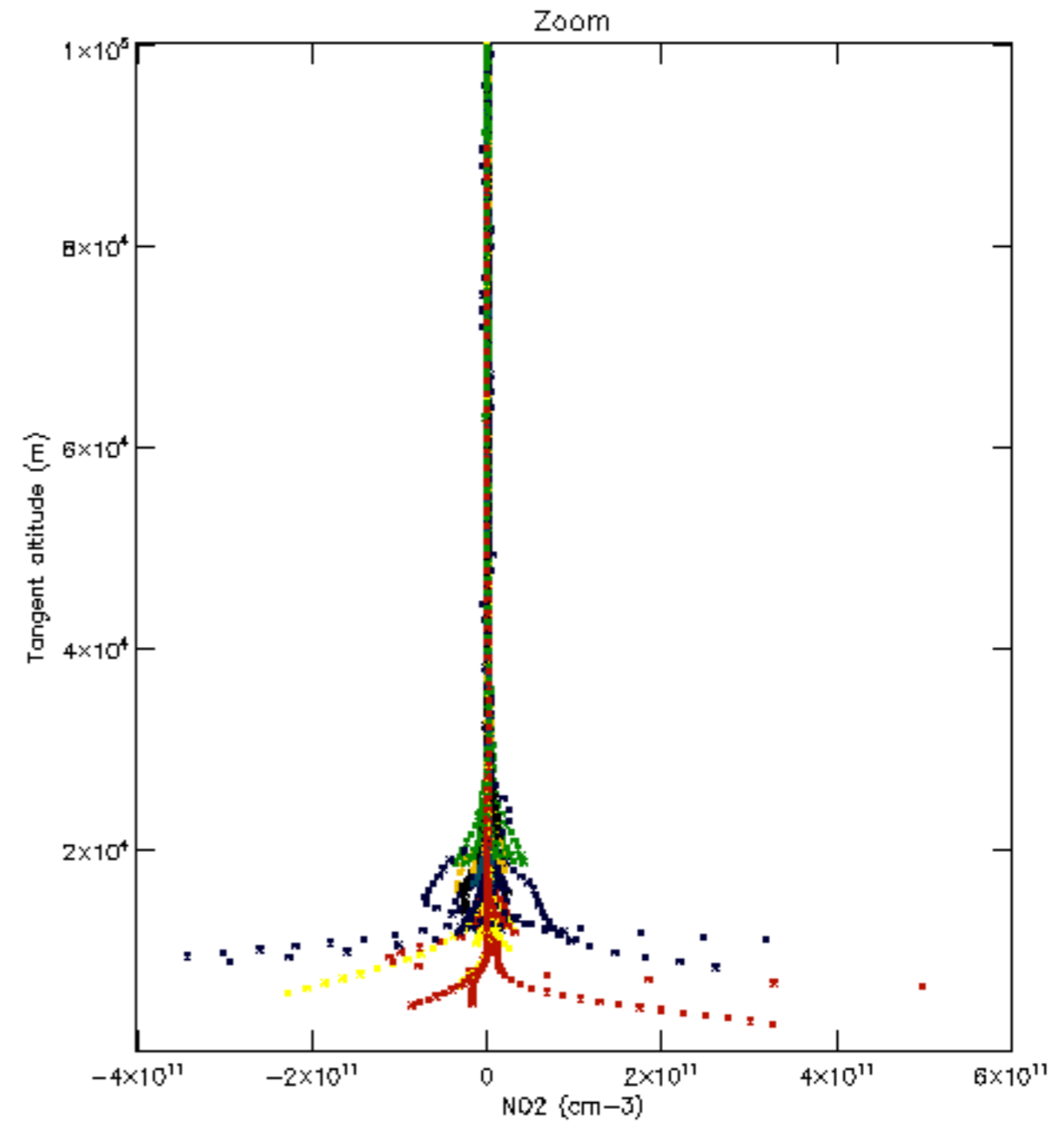
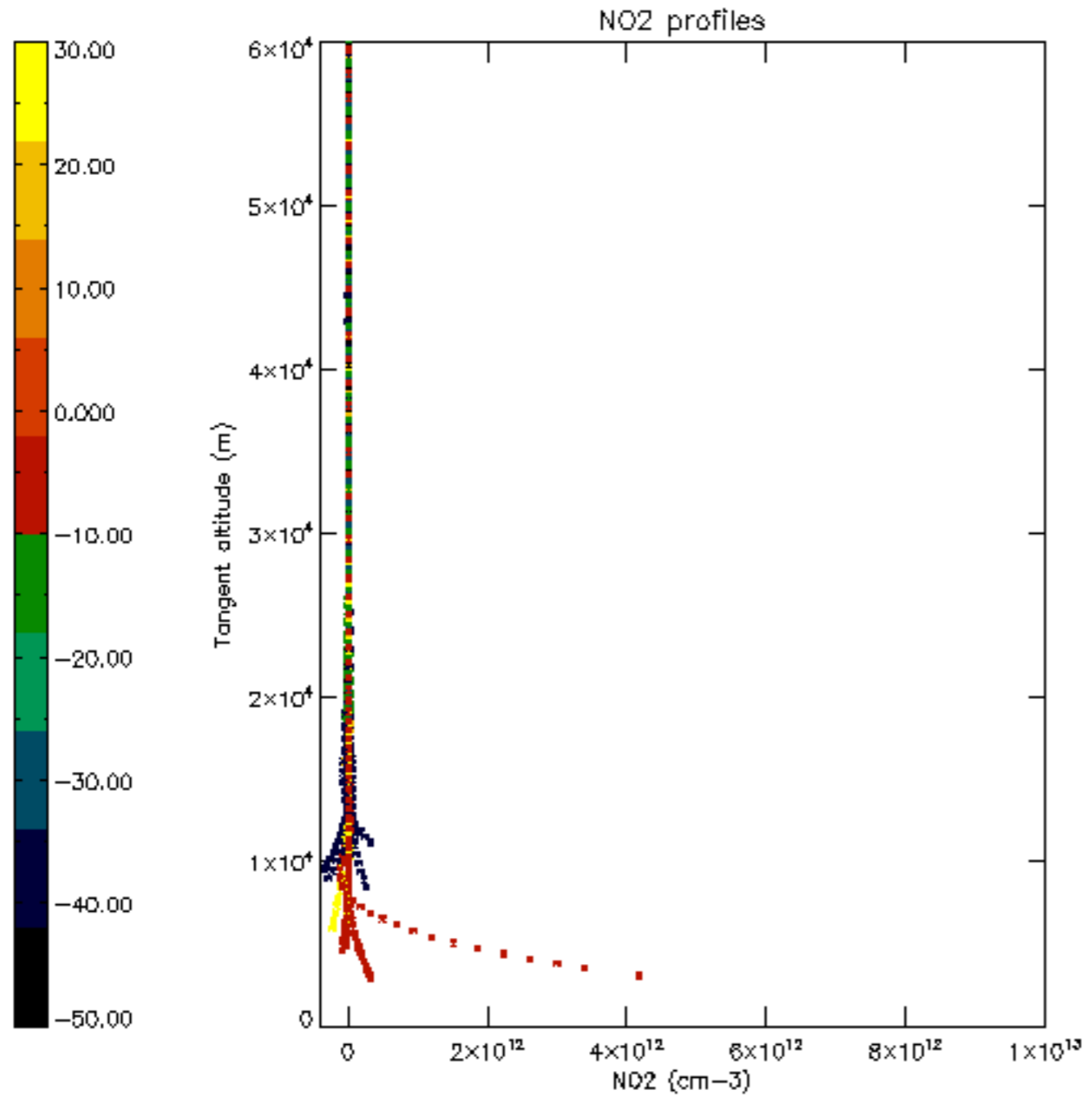


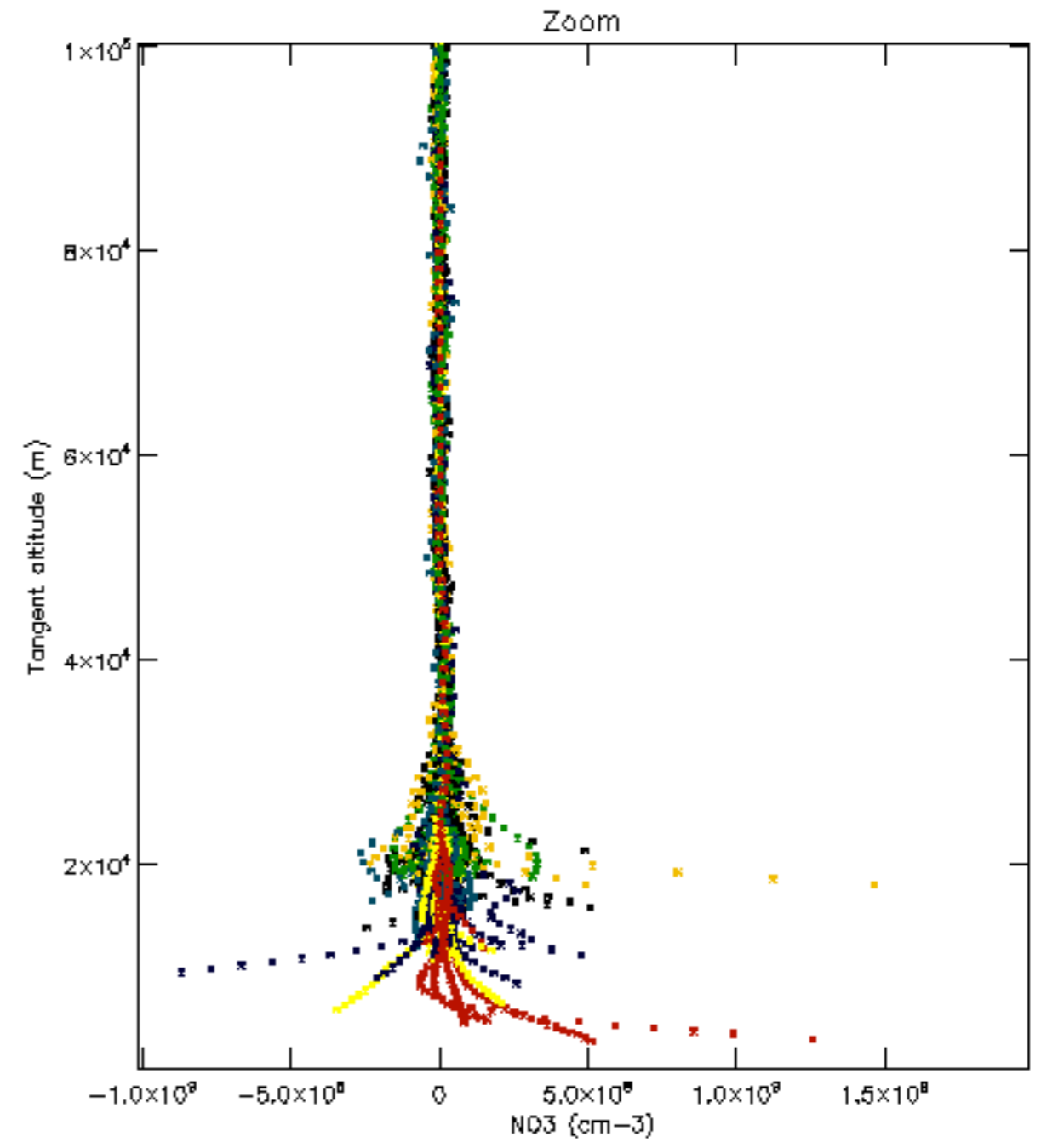
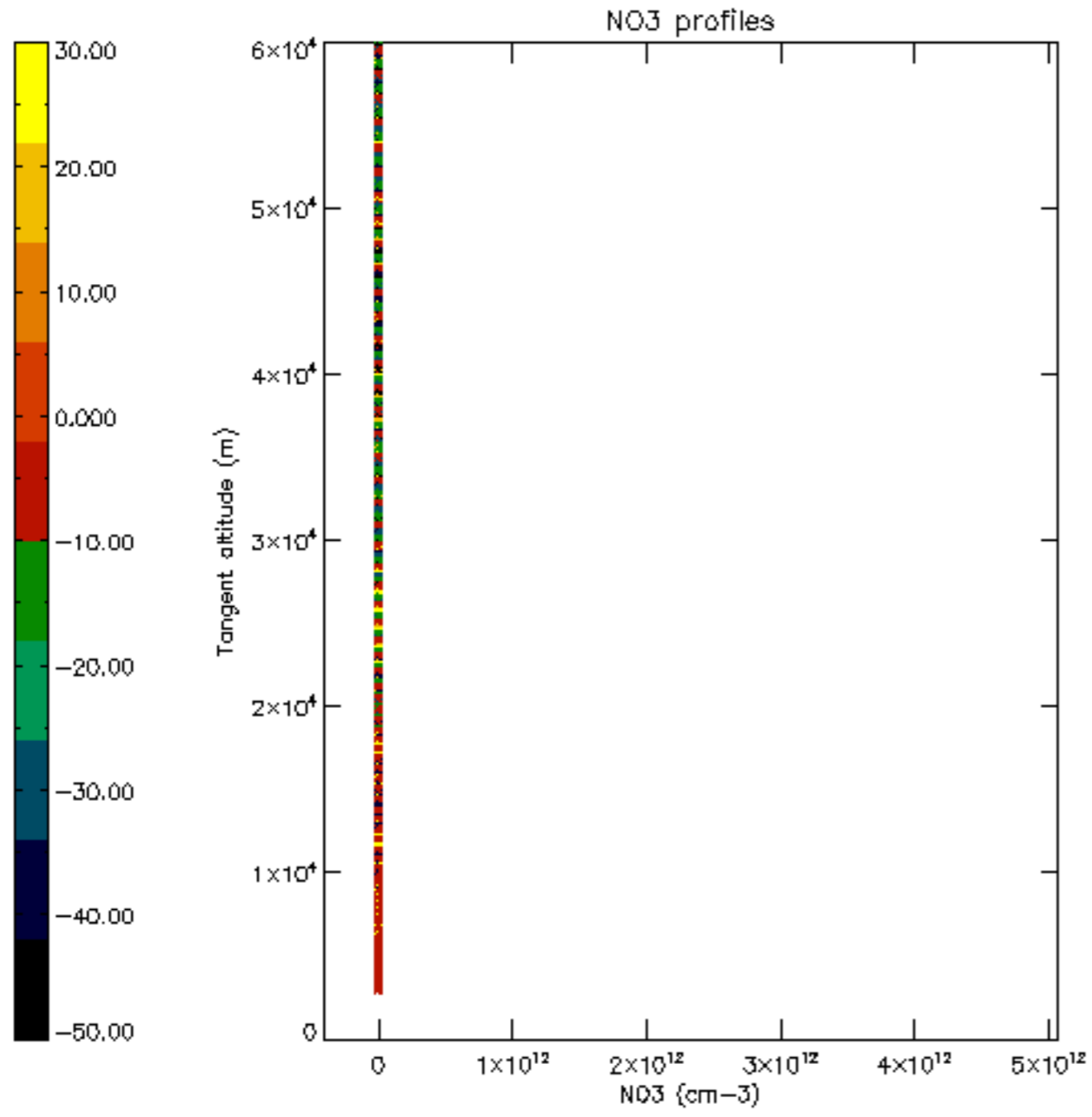


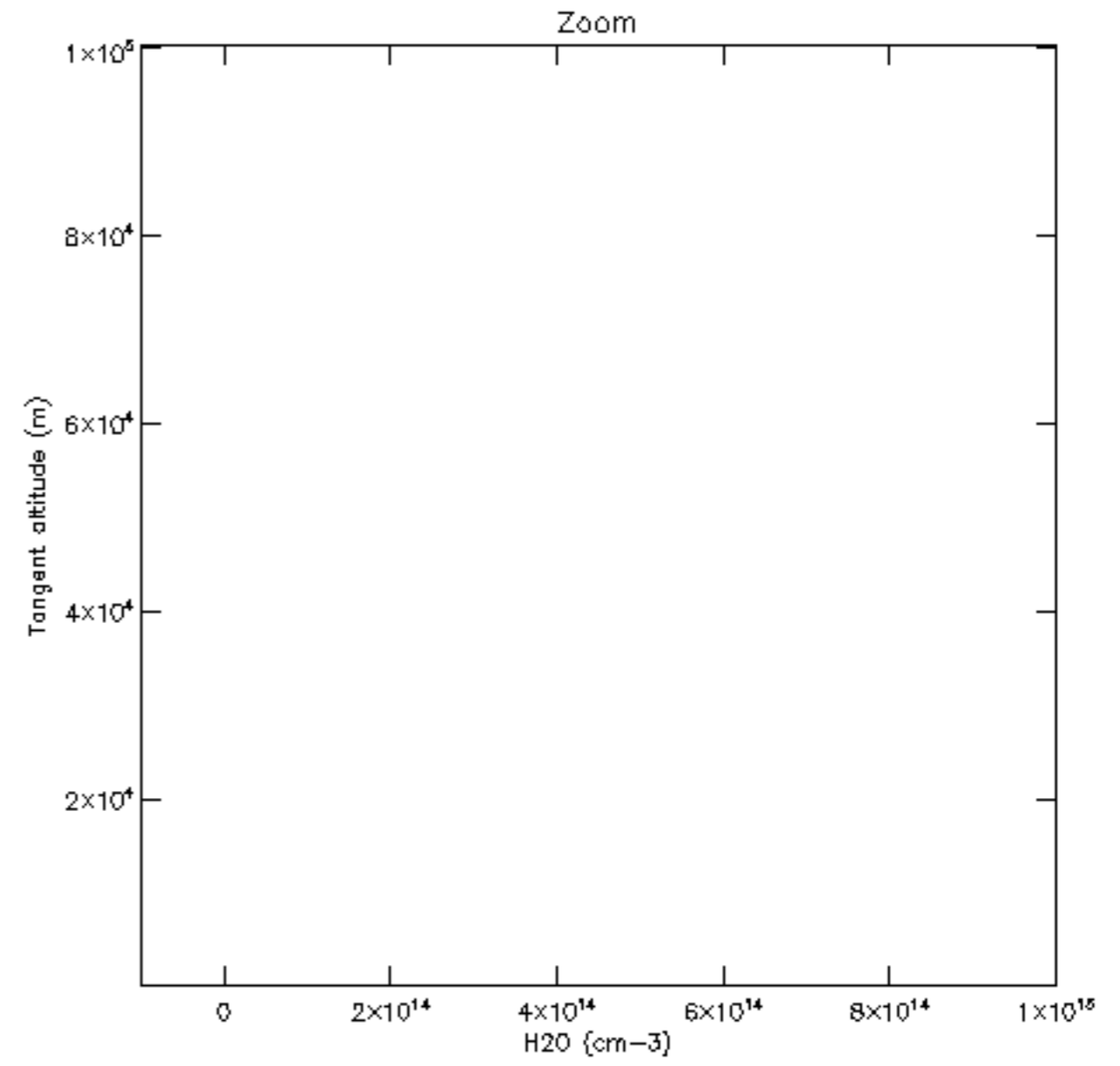
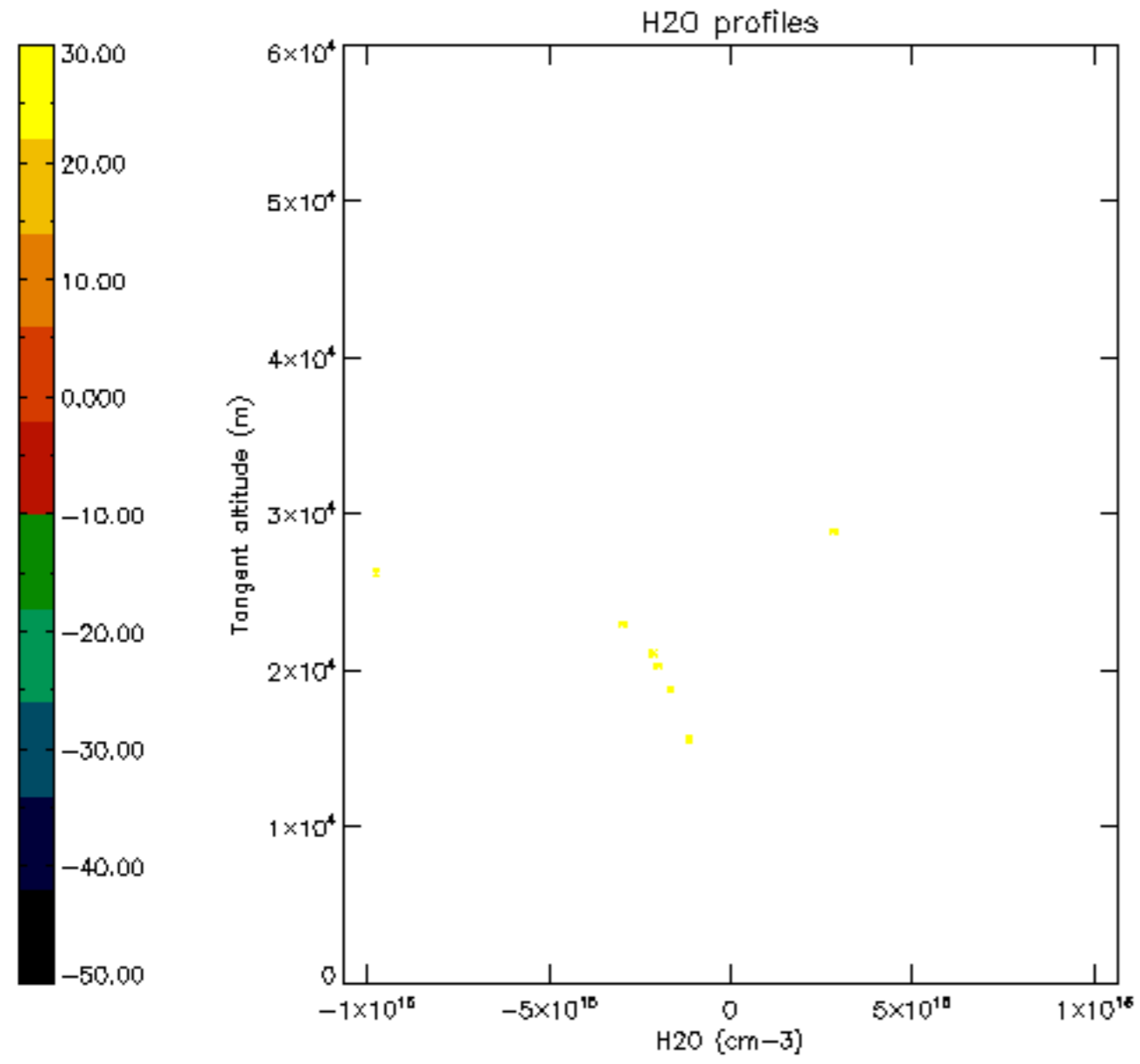


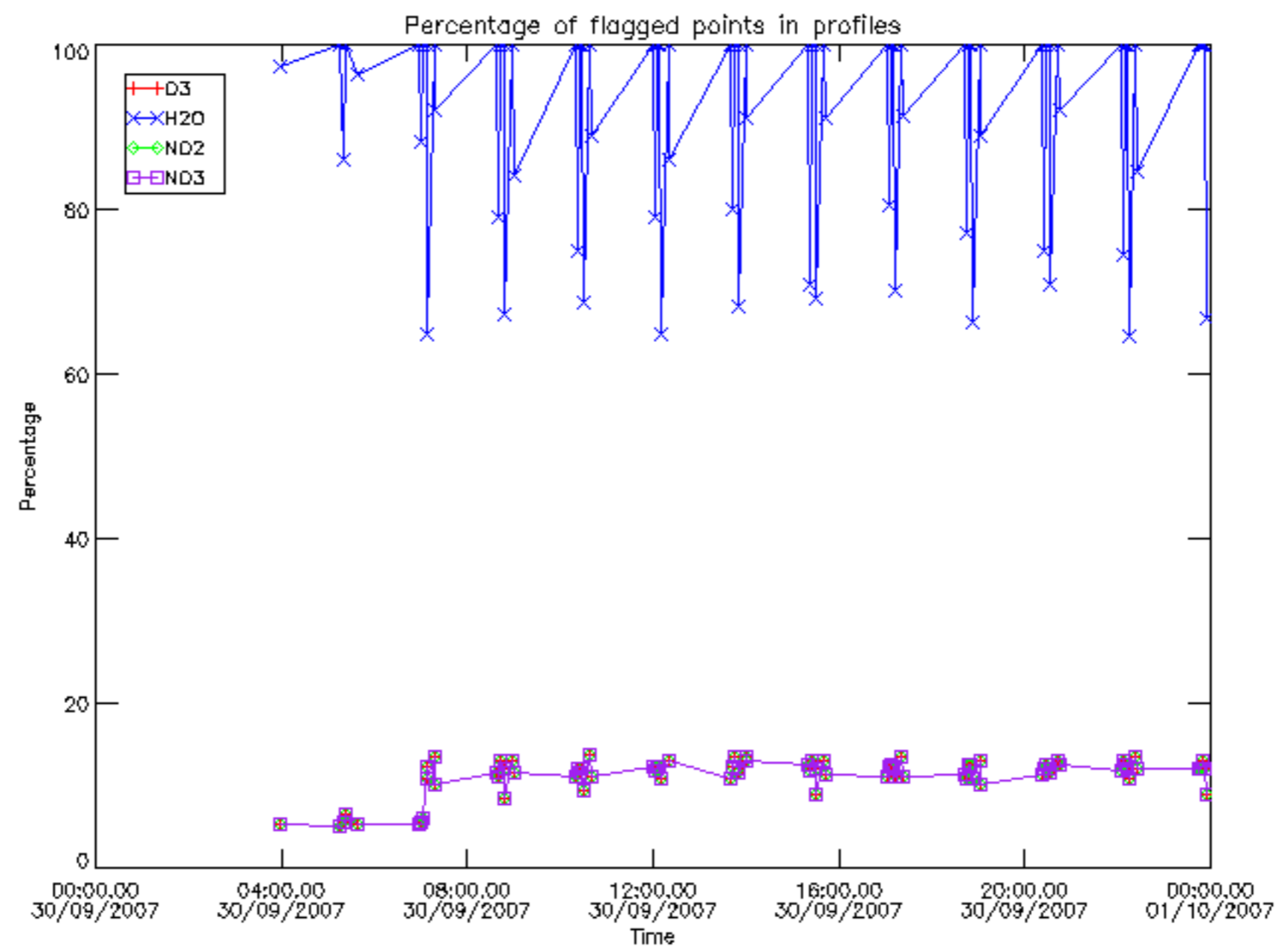




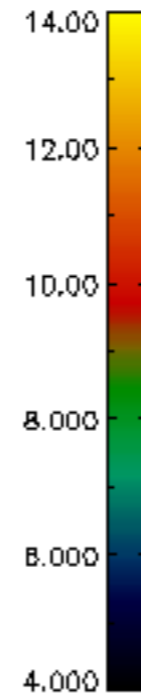
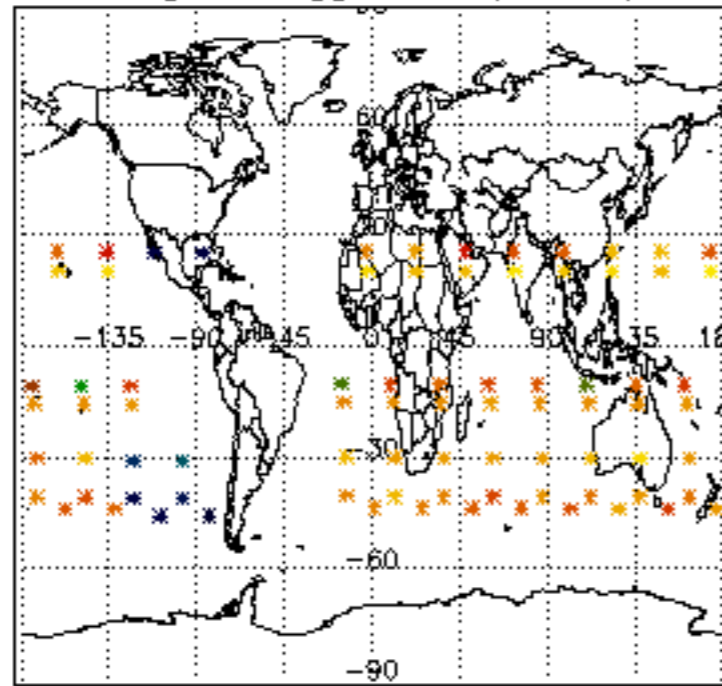




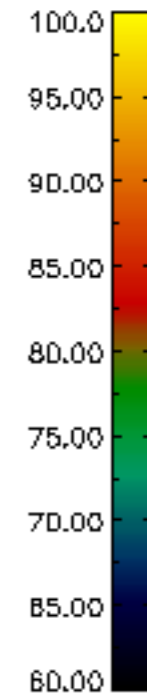
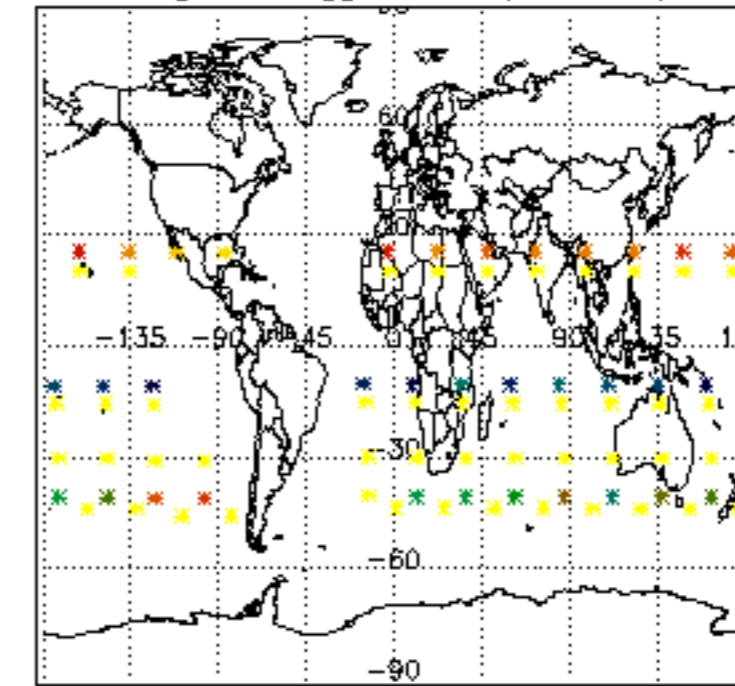




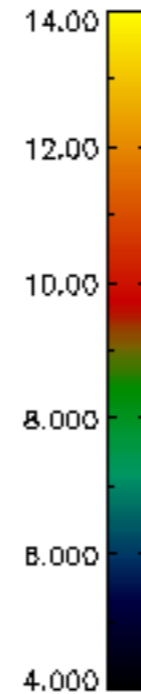
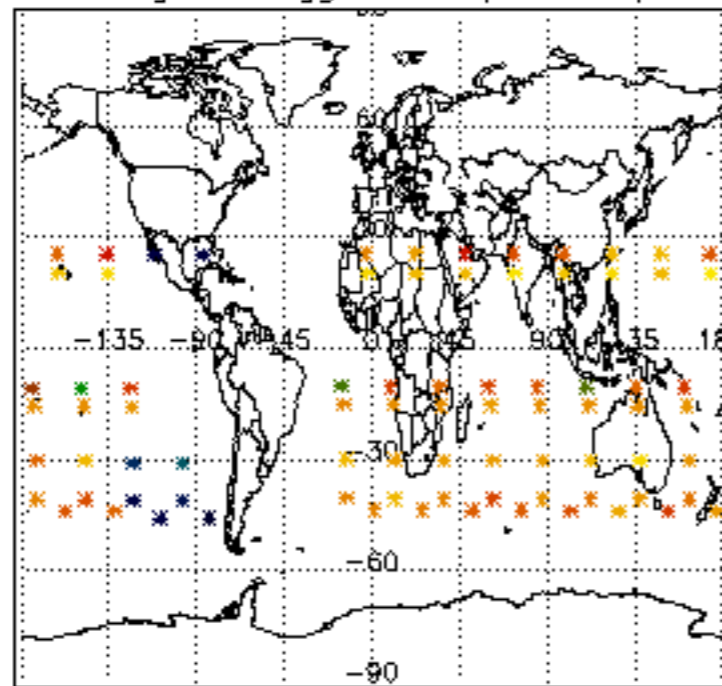
Percentage of flagged data per D3 profile



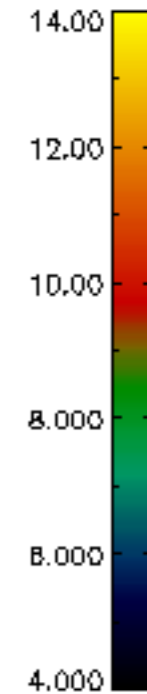
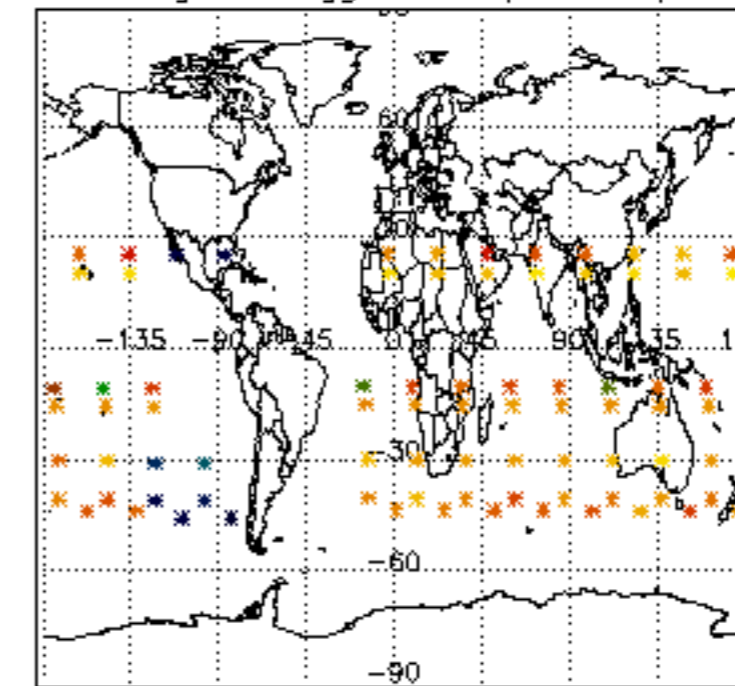
Percentage of flagged data per H2O profile

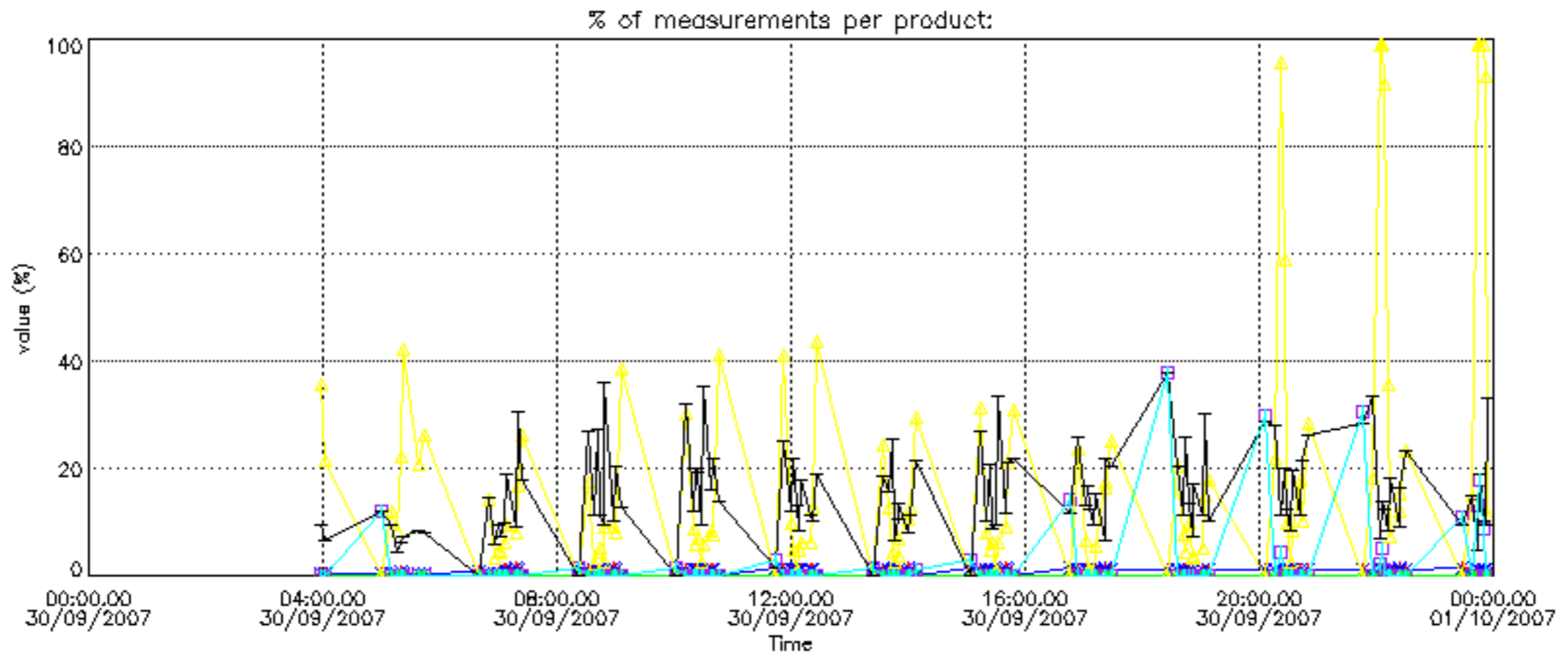


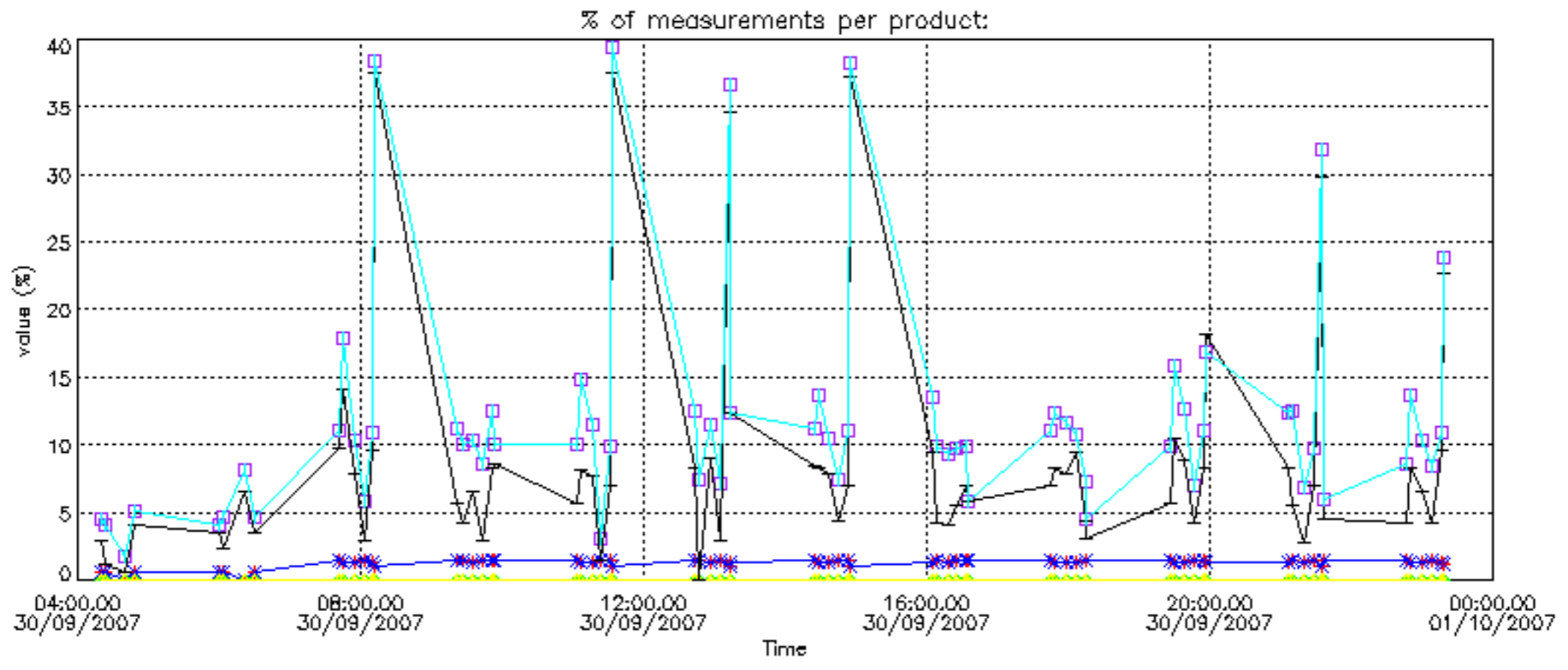
Percentage of flagged data per NO2 profile



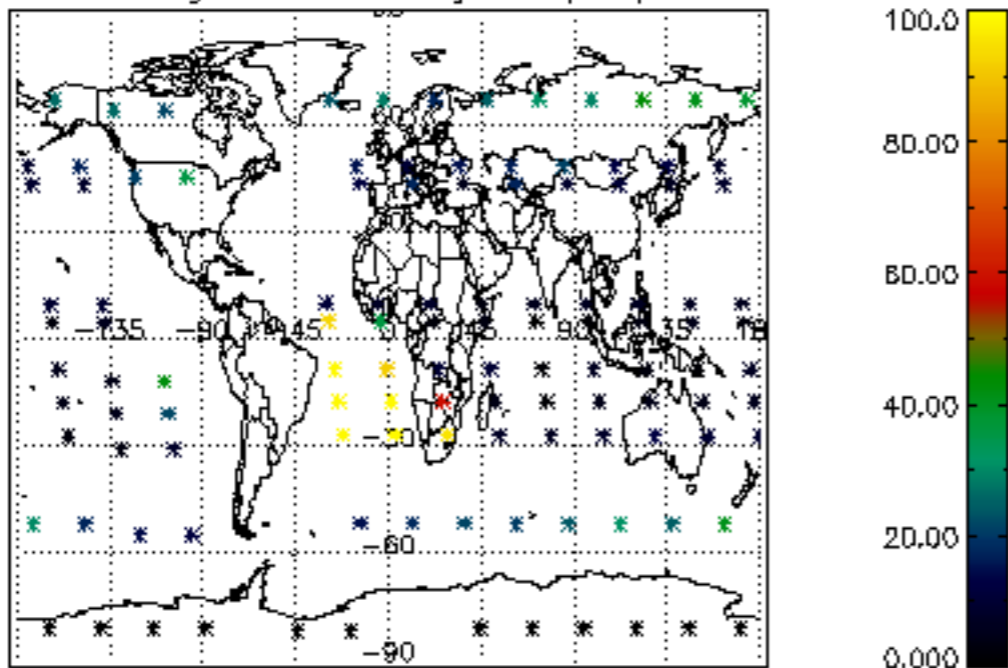
Percentage of flagged data per NO3 profile



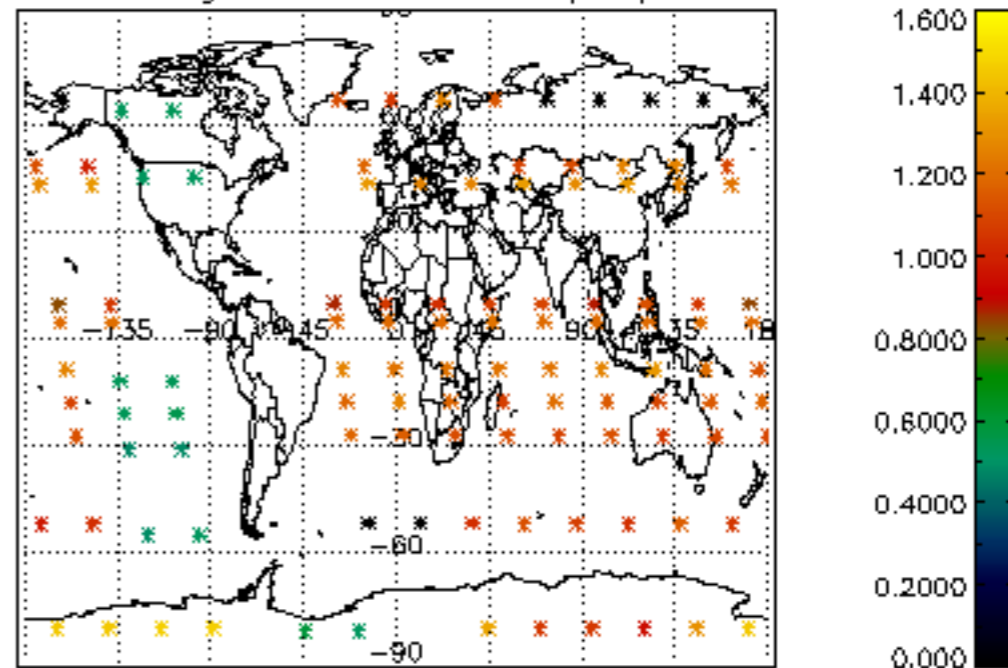




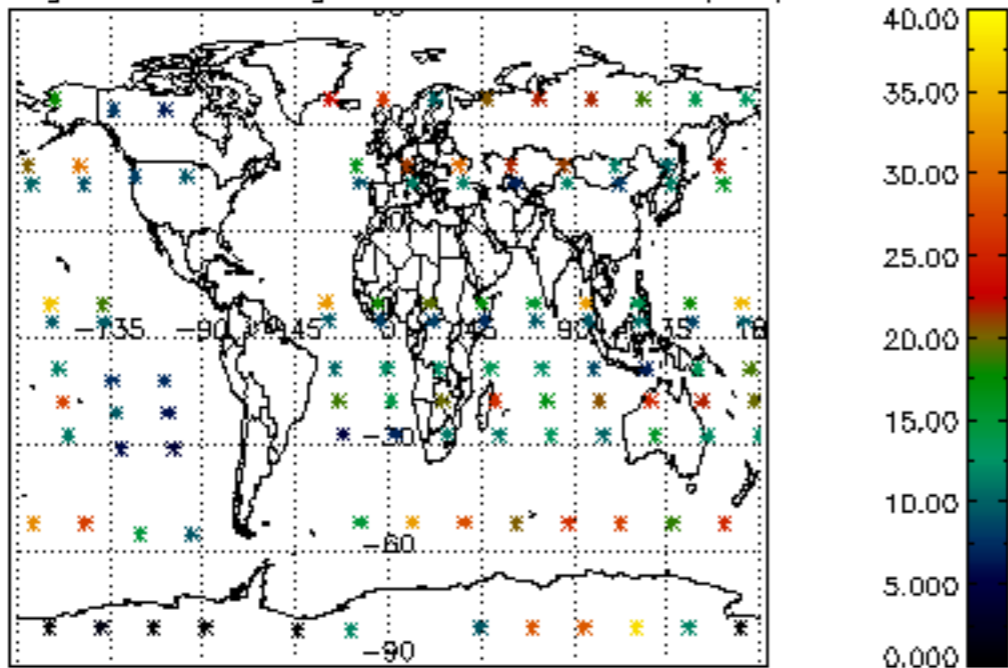
Percentage of cosmic ray hits per profile



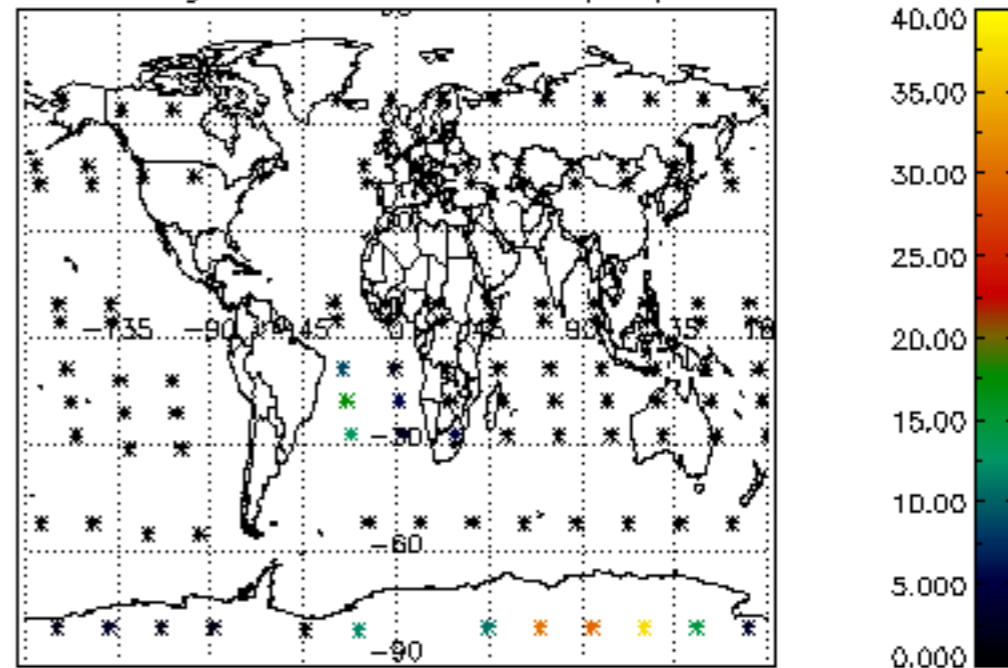
Percentage of datation errors per profile



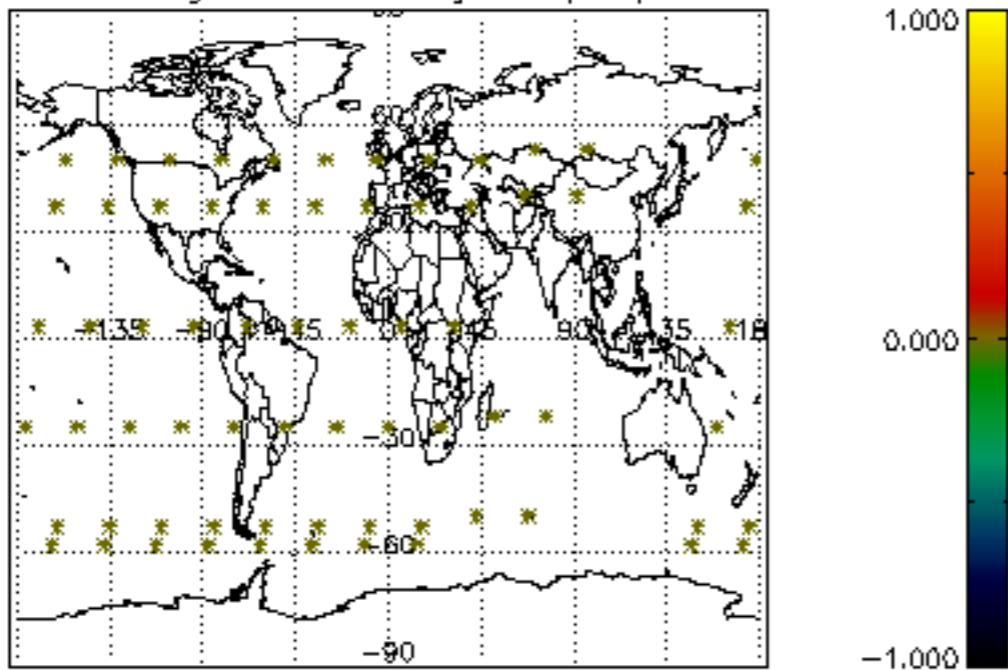
Percentage of star falling outside central band per profile



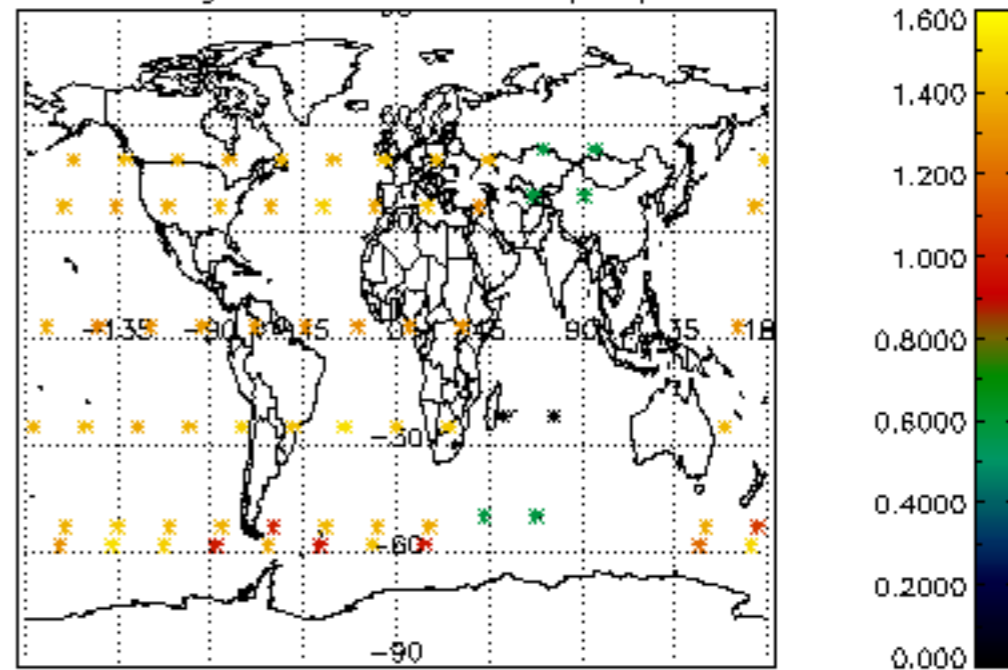
Percentage of saturation errors per profile



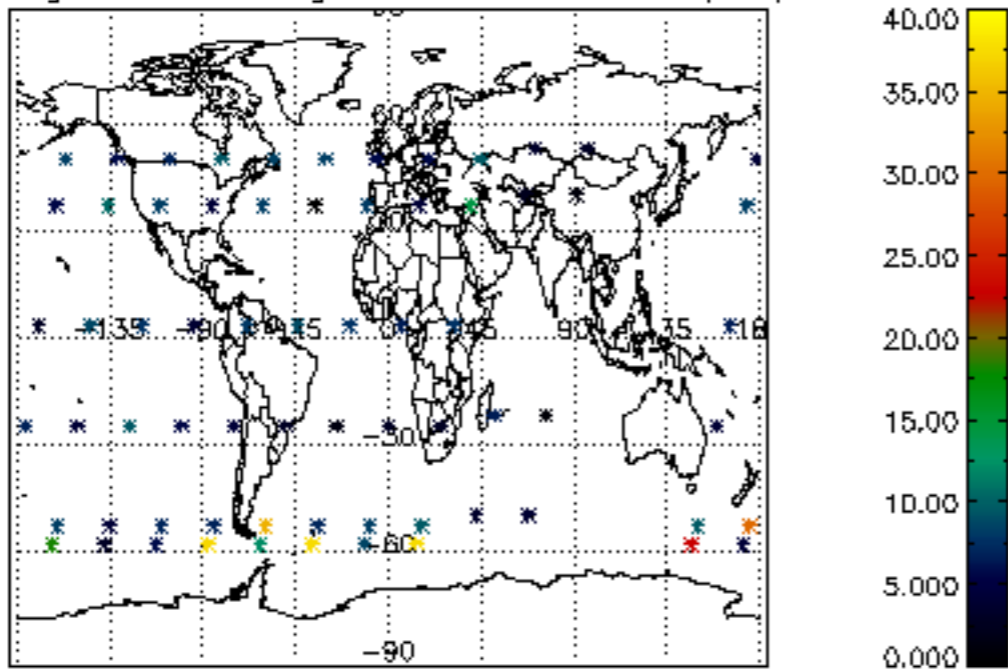
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

