

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	26APR2013 08:44:43
Data source version	GOMOS/6.01
Start time of products	11-04-2009 (11APR2009 00:00:00)
Stop time of products	12-04-2009 (12APR2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	176
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__2PRFIN20090411_000213_000000412078_00059_37187_6373.N1	11-APR-2009 00:02:13	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	37187	No
2	GOM_NL__2PRFIN20090411_001055_000000472078_00059_37187_6374.N1	11-APR-2009 00:10:55	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	37187	No
3	GOM_NL__2PRFIN20090411_002338_000000432078_00059_37187_6375.N1	11-APR-2009 00:23:38	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	37187	No
4	GOM_NL__2PRFIN20090411_002557_000000392078_00059_37187_6376.N1	11-APR-2009 00:25:57	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	37187	No
5	GOM_NL__2PRFIN20090411_002818_000000372078_00059_37187_6377.N1	11-APR-2009 00:28:18	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	37187	No
6	GOM_NL__2PRFIN20090411_005536_000000602078_00060_37188_6381.N1	11-APR-2009 00:55:36	Dark	60.000	103	38Zet Sgr	2.6000	9700.0	120	37188	No
7	GOM_NL__2PRFIN20090411_005915_000000642078_00060_37188_6382.N1	11-APR-2009 00:59:15	Dark	63.500	38	20Eps Sgr	1.8360	11000.	127	37188	No
8	GOM_NL__2PRFIN20090411_010322_000000602078_00060_37188_6383.N1	11-APR-2009 01:03:22	Dark	59.500	25	35Lam Sco	1.6200	28000.	119	37188	No
9	GOM_NL__2PRFIN20090411_011041_000000422078_00060_37188_6384.N1	11-APR-2009 01:10:41	Straylight	42.000	109	Bet Lup	2.6770	26000.	84	37188	No
10	GOM_NL__2PRFIN20090411_012254_000000412078_00060_37188_6385.N1	11-APR-2009 01:22:54	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	37188	No
11	GOM_NL__2PRFIN20090411_012959_000000422078_00060_37188_6386.N1	11-APR-2009 01:29:59	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	37188	No
12	GOM_NL__2PRFIN20090411_013350_000000542078_00060_37188_6387.N1	11-APR-2009 01:33:50	Bright	54.000	111	8Eta Boo	2.6800	6000.0	108	37188	No
13	GOM_NL__2PRFIN20090411_013815_000000392078_00060_37188_6388.N1	11-APR-2009 01:38:15	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	37188	No
14	GOM_NL__2PRFIN20090411_014249_000000642078_00060_37188_6389.N1	11-APR-2009 01:42:49	Bright	64.000	39	85Eta UMa	1.8540	24000.	128	37188	No
15	GOM_NL__2PRFIN20090411_015130_000000452078_00060_37188_6390.N1	11-APR-2009 01:51:30	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	37188	No
16	GOM_NL__2PRFIN20090411_020414_000000432078_00060_37188_6391.N1	11-APR-2009 02:04:14	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	37188	No
17	GOM_NL__2PRFIN20090411_020633_000000392078_00060_37188_6392.N1	11-APR-2009 02:06:33	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	37188	No
18	GOM_NL__2PRFIN20090411_020854_000000372078_00060_37188_6393.N1	11-APR-2009 02:08:54	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	37188	No
19	GOM_NL__2PRFIN20090411_023614_000000572078_00061_37189_6395.N1	11-APR-2009 02:36:14	Dark	56.500	103	38Zet Sgr	2.6000	9700.0	113	37189	No
20	GOM_NL__2PRFIN20090411_023952_000000652078_00061_37189_6396.N1	11-APR-2009 02:39:52	Dark	65.000	38	20Eps Sgr	1.8360	11000.	130	37189	No
21	GOM_NL__2PRFIN20090411_024359_000000612078_00061_37189_6397.N1	11-APR-2009 02:43:59	Dark	61.000	25	35Lam Sco	1.6200	28000.	122	37189	No
22	GOM_NL__2PRFIN20090411_025118_000000432078_00061_37189_6398.N1	11-APR-2009 02:51:18	Straylight	42.500	109	Bet Lup	2.6770	26000.	85	37189	No
23	GOM_NL__2PRFIN20090411_030330_000000422078_00061_37189_6399.N1	11-APR-2009 03:03:30	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	37189	No
24	GOM_NL__2PRFIN20090411_031034_000000422078_00061_37189_6400.N1	11-APR-2009 03:10:34	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	37189	No
25	GOM_NL__2PRFIN20090411_031426_000000532078_00061_37189_6401.N1	11-APR-2009 03:14:26	Bright	53.000	111	8Eta Boo	2.6800	6000.0	106	37189	No
26	GOM_NL__2PRFIN20090411_031850_000000402078_00061_37189_6402.N1	11-APR-2009 03:18:50	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	37189	No
27	GOM_NL__2PRFIN20090411_032324_000000432078_00061_37189_6403.N1	11-APR-2009 03:23:24	Bright	43.000	39	85Eta UMa	1.8540	24000.	86	37189	No
28	GOM_NL__2PRFIN20090411_033206_000000442078_00061_37189_6404.N1	11-APR-2009 03:32:06	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37189	No
29	GOM_NL__2PRFIN20090411_034450_000000422078_00061_37189_6405.N1	11-APR-2009 03:44:50	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	37189	No
30	GOM_NL__2PRFIN20090411_034709_000000392078_00061_37189_6406.N1	11-APR-2009 03:47:09	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	37189	No
31	GOM_NL__2PRFIN20090411_034930_000000372078_00061_37189_6407.N1	11-APR-2009 03:49:30	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	37189	No
32	GOM_NL__2PRFIN20090411_041650_000000562078_00062_37190_6409.N1	11-APR-2009 04:16:50	Dark	56.000	103	38Zet Sgr	2.6000	9700.0	112	37190	No
33	GOM_NL__2PRFIN20090411_042030_000000612078_00062_37190_6410.N1	11-APR-2009 04:20:30	Dark	61.000	38	20Eps Sgr	1.8360	11000.	122	37190	No
34	GOM_NL__2PRFIN20090411_042437_000000612078_00062_37190_6411.N1	11-APR-2009 04:24:37	Dark	60.500	25	35Lam Sco	1.6200	28000.	121	37190	No
35	GOM_NL__2PRFIN20090411_043154_000000432078_00062_37190_6412.N1	11-APR-2009 04:31:54	Straylight	42.500	109	Bet Lup	2.6770	26000.	85	37190	No
36	GOM_NL__2PRFIN20090411_044406_000000412078_00062_37190_6413.N1	11-APR-2009 04:44:06	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	37190	No
37	GOM_NL__2PRFIN20090411_045110_000000412078_00062_37190_6414.N1	11-APR-2009 04:51:10	Bright	41.000	138	47Eps Vir	2.8280	4700.0	82	37190	No
38	GOM_NL__2PRFIN20090411_045501_000000542078_00062_37190_6415.N1	11-APR-2009 04:55:01	Bright	54.000	111	8Eta Boo	2.6800	6000.0	108	37190	No
39	GOM_NL__2PRFIN20090411_045926_000000412078_00062_37190_6416.N1	11-APR-2009 04:59:26	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	37190	No
40	GOM_NL__2PRFIN20090411_050359_000000442078_00062_37190_6417.N1	11-APR-2009 05:03:59	Bright	43.500	39	85Eta UMa	1.8540	24000.	87	37190	No
41	GOM_NL__2PRFIN20090411_051241_000000442078_00062_37190_6418.N1	11-APR-2009 05:12:41	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	37190	No
42	GOM_NL__2PRFIN20090411_052525_000000432078_00062_37190_6419.N1	11-APR-2009 05:25:25	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	37190	No

43	GOM_NL__2PRFIN20090411_053006_000000372078_00062_37190_6420.N1	11-APR-2009 05:30:06	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	37190	No
44	GOM_NL__2PRFIN20090411_055728_000000572078_00063_37191_6420.N1	11-APR-2009 05:57:28	Dark	56.500	103	38Zet Sgr	2.6000	9700.0	113	37191	No
45	GOM_NL__2PRFIN20090411_060107_000000592078_00063_37191_6421.N1	11-APR-2009 06:01:07	Dark	59.000	38	20Eps Sgr	1.8360	11000.	118	37191	No
46	GOM_NL__2PRFIN20090411_060514_000000622078_00063_37191_6422.N1	11-APR-2009 06:05:14	Dark	62.000	25	35Lam Sco	1.6200	28000.	124	37191	No
47	GOM_NL__2PRFIN20090411_061231_000000442078_00063_37191_6423.N1	11-APR-2009 06:12:31	Straylight	43.500	109	Bet Lup	2.6770	26000.	87	37191	No
48	GOM_NL__2PRFIN20090411_062442_000000422078_00063_37191_6424.N1	11-APR-2009 06:24:42	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	37191	No
49	GOM_NL__2PRFIN20090411_063146_000000432078_00063_37191_6425.N1	11-APR-2009 06:31:46	Bright	43.000	138	47Eps Vir	2.8280	4700.0	86	37191	No
50	GOM_NL__2PRFIN20090411_063536_000000552078_00063_37191_6426.N1	11-APR-2009 06:35:36	Bright	55.000	111	8Eta Boo	2.6800	6000.0	110	37191	No
51	GOM_NL__2PRFIN20090411_064001_000000412078_00063_37191_6427.N1	11-APR-2009 06:40:01	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	37191	No
52	GOM_NL__2PRFIN20090411_064435_000000452078_00063_37191_6428.N1	11-APR-2009 06:44:35	Bright	45.000	39	85Eta UMa	1.8540	24000.	90	37191	No
53	GOM_NL__2PRFIN20090411_065316_000000442078_00063_37191_6429.N1	11-APR-2009 06:53:16	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37191	No
54	GOM_NL__2PRFIN20090411_070601_000000432078_00063_37191_6430.N1	11-APR-2009 07:06:01	Bright	43.000	144	18Del Cyg	2.8600	11000.	86	37191	No
55	GOM_NL__2PRFIN20090411_071042_000000382078_00063_37191_6431.N1	11-APR-2009 07:10:42	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	37191	No
56	GOM_NL__2PRFIN20090411_073806_000000582078_00064_37192_6438.N1	11-APR-2009 07:38:06	Dark	58.000	103	38Zet Sgr	2.6000	9700.0	116	37192	No
57	GOM_NL__2PRFIN20090411_074145_000000602078_00064_37192_6439.N1	11-APR-2009 07:41:45	Dark	59.500	38	20Eps Sgr	1.8360	11000.	119	37192	No
58	GOM_NL__2PRFIN20090411_074551_000000622078_00064_37192_6440.N1	11-APR-2009 07:45:51	Dark	62.000	25	35Lam Sco	1.6200	28000.	124	37192	No
59	GOM_NL__2PRFIN20090411_075307_000000432078_00064_37192_6441.N1	11-APR-2009 07:53:07	Straylight	42.500	109	Bet Lup	2.6770	26000.	85	37192	No
60	GOM_NL__2PRFIN20090411_080518_000000412078_00064_37192_6442.N1	11-APR-2009 08:05:18	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	37192	No
61	GOM_NL__2PRFIN20090411_081222_000000432078_00064_37192_6443.N1	11-APR-2009 08:12:22	Bright	42.500	138	47Eps Vir	2.8280	4700.0	85	37192	No
62	GOM_NL__2PRFIN20090411_081612_000000542078_00064_37192_6444.N1	11-APR-2009 08:16:12	Bright	54.000	111	8Eta Boo	2.6800	6000.0	108	37192	No
63	GOM_NL__2PRFIN20090411_082037_000000432078_00064_37192_6445.N1	11-APR-2009 08:20:37	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	37192	No
64	GOM_NL__2PRFIN20090411_082510_000000432078_00064_37192_6446.N1	11-APR-2009 08:25:10	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	37192	No
65	GOM_NL__2PRFIN20090411_083352_000000442078_00064_37192_6447.N1	11-APR-2009 08:33:52	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	37192	No
66	GOM_NL__2PRFIN20090411_084637_000000432078_00064_37192_6448.N1	11-APR-2009 08:46:37	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	37192	No
67	GOM_NL__2PRFIN20090411_084856_000000392078_00064_37192_6449.N1	11-APR-2009 08:48:56	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	37192	No
68	GOM_NL__2PRFIN20090411_085118_000000372078_00064_37192_6450.N1	11-APR-2009 08:51:18	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	37192	No
69	GOM_NL__2PRFIN20090411_091843_000000572078_00065_37193_6452.N1	11-APR-2009 09:18:43	Dark	56.500	103	38Zet Sgr	2.6000	9700.0	113	37193	No
70	GOM_NL__2PRFIN20090411_092222_000000602078_00065_37193_6453.N1	11-APR-2009 09:22:22	Dark	60.000	38	20Eps Sgr	1.8360	11000.	120	37193	No
71	GOM_NL__2PRFIN20090411_092629_000000602078_00065_37193_6454.N1	11-APR-2009 09:26:29	Dark	59.500	25	35Lam Sco	1.6200	28000.	119	37193	No
72	GOM_NL__2PRFIN20090411_093344_000000422078_00065_37193_6455.N1	11-APR-2009 09:33:44	Straylight	42.000	109	Bet Lup	2.6770	26000.	84	37193	No
73	GOM_NL__2PRFIN20090411_094554_000000402078_00065_37193_6456.N1	11-APR-2009 09:45:54	Bright	40.000	15	67Alp Vir	0.97600	28000.	80	37193	No
74	GOM_NL__2PRFIN20090411_095257_000000422078_00065_37193_6457.N1	11-APR-2009 09:52:57	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	37193	No
75	GOM_NL__2PRFIN20090411_095647_000000542078_00065_37193_6458.N1	11-APR-2009 09:56:47	Bright	53.500	111	8Eta Boo	2.6800	6000.0	107	37193	No
76	GOM_NL__2PRFIN20090411_100113_000000402078_00065_37193_6459.N1	11-APR-2009 10:01:13	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	37193	No
77	GOM_NL__2PRFIN20090411_100545_000000442078_00065_37193_6460.N1	11-APR-2009 10:05:45	Bright	43.500	39	85Eta UMa	1.8540	24000.	87	37193	No
78	GOM_NL__2PRFIN20090411_101427_000000442078_00065_37193_6461.N1	11-APR-2009 10:14:27	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37193	No
79	GOM_NL__2PRFIN20090411_102712_000000422078_00065_37193_6462.N1	11-APR-2009 10:27:12	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	37193	No
80	GOM_NL__2PRFIN20090411_102932_000000382078_00065_37193_6463.N1	11-APR-2009 10:29:32	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	37193	No
81	GOM_NL__2PRFIN20090411_103154_000000362078_00065_37193_6464.N1	11-APR-2009 10:31:54	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	37193	No
82	GOM_NL__2PRFIN20090411_105921_000000592078_00066_37194_6486.N1	11-APR-2009 10:59:21	Dark	59.000	103	38Zet Sgr	2.6000	9700.0	118	37194	No
83	GOM_NL__2PRFIN20090411_110259_000000602078_00066_37194_6487.N1	11-APR-2009 11:02:59	Dark	60.000	38	20Eps Sgr	1.8360	11000.	120	37194	No
84	GOM_NL__2PRFIN20090411_110706_000000662078_00066_37194_6488.N1	11-APR-2009 11:07:06	Dark	66.000	25	35Lam Sco	1.6200	28000.	132	37194	No
85	GOM_NL__2PRFIN20090411_111420_000000412078_00066_37194_6489.N1	11-APR-2009 11:14:20	Straylight	41.000	109	Bet Lup	2.6770	26000.	82	37194	No
86	GOM_NL__2PRFIN20090411_112630_000000402078_00066_37194_6490.N1	11-APR-2009 11:26:30	Bright	39.500	15	67Alp Vir	0.97600	28000.	79	37194	No
87	GOM_NL__2PRFIN20090411_113333_000000422078_00066_37194_6491.N1	11-APR-2009 11:33:33	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	37194	No
88	GOM_NL__2PRFIN20090411_113722_000000502078_00066_37194_6492.N1	11-APR-2009 11:37:22	Bright	50.000	111	8Eta Boo	2.6800	6000.0	100	37194	No
89	GOM_NL__2PRFIN20090411_114148_000000402078_00066_37194_6493.N1	11-APR-2009 11:41:48	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	37194	No
90	GOM_NL__2PRFIN20090411_114621_000000432078_00066_37194_6494.N1	11-APR-2009 11:46:21	Bright	43.000	39	85Eta UMa	1.8540	24000.	86	37194	No
91	GOM_NL__2PRFIN20090411_115502_000000442078_00066_37194_6495.N1	11-APR-2009 11:55:02	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37194	No
92	GOM_NL__2PRFIN20090411_120748_000000422078_00066_37194_6496.N1	11-APR-2009 12:07:48	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	37194	No
93	GOM_NL__2PRFIN20090411_121008_000000382078_00066_37194_6497.N1	11-APR-2009 12:10:08	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	37194	No
94	GOM_NL__2PRFIN20090411_121230_000000372078_00066_37194_6498.N1	11-APR-2009 12:12:30	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	37194	No
95	GOM_NL__2PRFIN20090411_123958_000000562078_00067_37195_6497.N1	11-APR-2009 12:39:58	Dark	55.500	103	38Zet Sgr	2.6000	9700.0	111	37195	No
96	GOM_NL__2PRFIN20090411_124337_000000612078_00067_37195_6498.N1	11-APR-2009 12:43:37	Dark	60.500	38	20Eps Sgr	1.8360	11000.	121	37195	No
97	GOM_NL__2PRFIN20090411_124743_000000602078_00067_37195_6499.N1	11-APR-2009 12:47:43	Dark	59.500	25	35Lam Sco	1.6200	28000.	119	37195	No
98	GOM_NL__2PRFIN20090411_125457_000000412078_00067_37195_6500.N1	11-APR-2009 12:54:57	Straylight	40.500	109	Bet Lup	2.6770	26000.	81	37195	No
99	GOM_NL__2PRFIN20090411_130706_000000392078_00067_37195_6501.N1	11-APR-2009 13:07:06	Bright	39.000	15	67Alp Vir	0.97600	28000.	78	37195	No
100	GOM_NL__2PRFIN20090411_131409_000000412078_00067_37195_6502.N1	11-APR-2009 13:14:09	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	37195	No
101	GOM_NL__2PRFIN20090411_131757_000000512078_00067_37195_6503.N1	11-APR-2009 13:17:57	Bright	51.000	111	8Eta Boo	2.6800	6000.0	102	37195	No

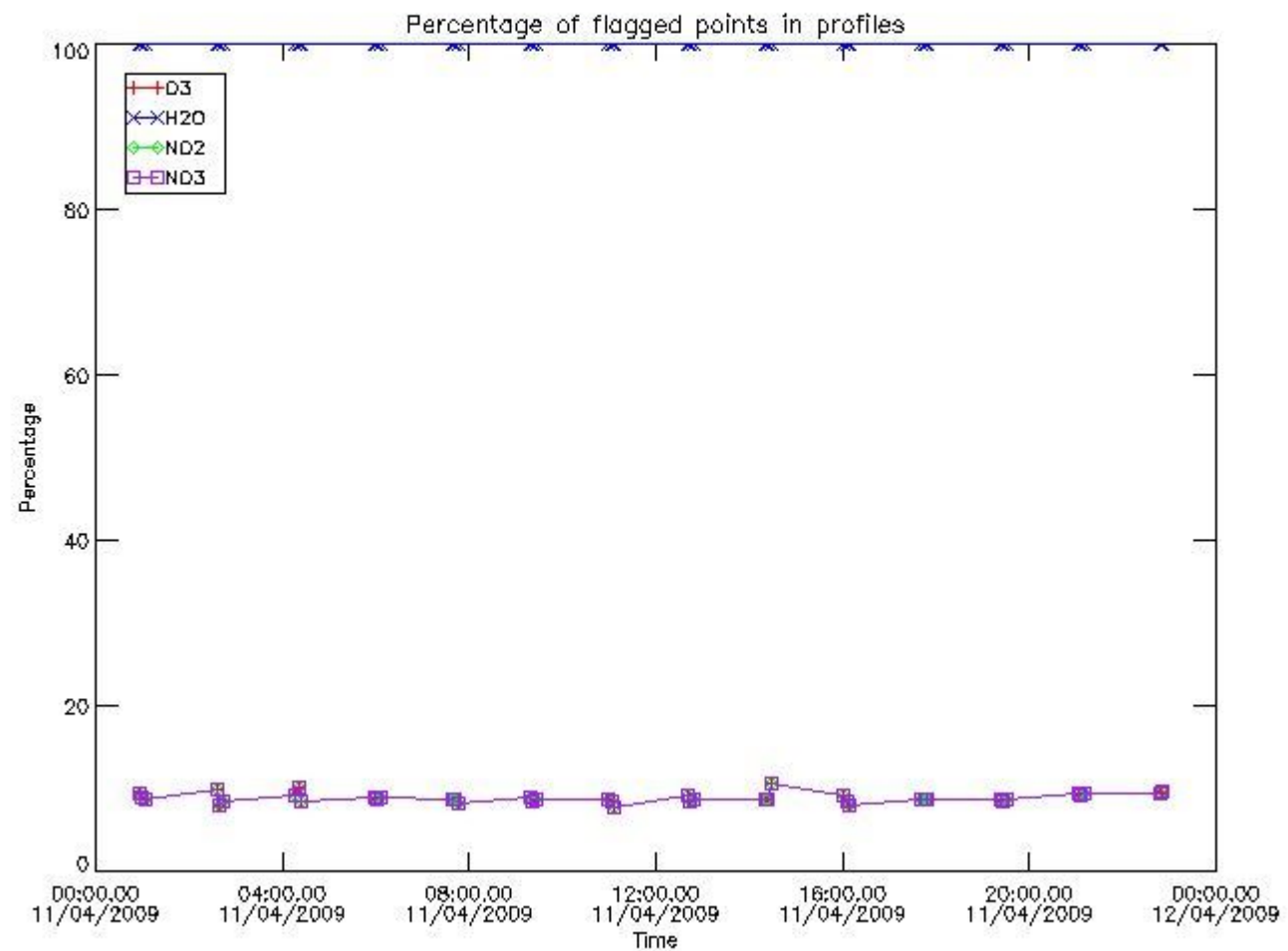
102	GOM_NL__2PRFIN20090411_132223_000000402078_00067_37195_6504.N1	11-APR-2009 13:22:23	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	37195	No
103	GOM_NL__2PRFIN20090411_132656_000000432078_00067_37195_6505.N1	11-APR-2009 13:26:56	Bright	43.000	39	85Eta UMa	1.8540	24000.	86	37195	No
104	GOM_NL__2PRFIN20090411_133537_000000442078_00067_37195_6506.N1	11-APR-2009 13:35:37	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37195	No
105	GOM_NL__2PRFIN20090411_134824_000000422078_00067_37195_6507.N1	11-APR-2009 13:48:24	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	37195	No
106	GOM_NL__2PRFIN20090411_135044_000000392078_00067_37195_6508.N1	11-APR-2009 13:50:44	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	37195	No
107	GOM_NL__2PRFIN20090411_135306_000000372078_00067_37195_6509.N1	11-APR-2009 13:53:06	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	37195	No
108	GOM_NL__2PRFIN20090411_142036_000000592078_00068_37196_6511.N1	11-APR-2009 14:20:36	Dark	58.500	103	38Zet Sgr	2.6000	9700.0	117	37196	No
109	GOM_NL__2PRFIN20090411_142414_000000602078_00068_37196_6512.N1	11-APR-2009 14:24:14	Dark	59.500	38	20Eps Sgr	1.8360	11000.	119	37196	No
110	GOM_NL__2PRFIN20090411_142820_000000582078_00068_37196_6513.N1	11-APR-2009 14:28:20	Dark	57.500	25	35Lam Sco	1.6200	28000.	115	37196	No
111	GOM_NL__2PRFIN20090411_143533_000000412078_00068_37196_6514.N1	11-APR-2009 14:35:33	Straylight	40.500	109	Bet Lup	2.6770	26000.	81	37196	No
112	GOM_NL__2PRFIN20090411_144742_000000402078_00068_37196_6515.N1	11-APR-2009 14:47:42	Bright	39.500	15	67Alp Vir	0.97600	28000.	79	37196	No
113	GOM_NL__2PRFIN20090411_145444_000000412078_00068_37196_6516.N1	11-APR-2009 14:54:44	Bright	41.000	138	47Eps Vir	2.8280	4700.0	82	37196	No
114	GOM_NL__2PRFIN20090411_145832_000000522078_00068_37196_6517.N1	11-APR-2009 14:58:32	Bright	52.000	111	8Eta Boo	2.6800	6000.0	104	37196	No
115	GOM_NL__2PRFIN20090411_150300_000000432078_00068_37196_6518.N1	11-APR-2009 15:03:00	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	37196	No
116	GOM_NL__2PRFIN20090411_150731_000000502078_00068_37196_6519.N1	11-APR-2009 15:07:31	Bright	50.000	39	85Eta UMa	1.8540	24000.	100	37196	No
117	GOM_NL__2PRFIN20090411_151612_000000462078_00068_37196_6520.N1	11-APR-2009 15:16:12	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	37196	No
118	GOM_NL__2PRFIN20090411_152859_000000372078_00068_37196_6521.N1	11-APR-2009 15:28:59	Tw_i_and_stray	37.000	144	18Del Cyg	2.8600	11000.	74	37196	No
119	GOM_NL__2PRFIN20090411_153120_000000402078_00068_37196_6522.N1	11-APR-2009 15:31:20	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	37196	No
120	GOM_NL__2PRFIN20090411_153342_000000382078_00068_37196_6523.N1	11-APR-2009 15:33:42	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	37196	No
121	GOM_NL__2PRFIN20090411_160113_000000612078_00069_37197_6532.N1	11-APR-2009 16:01:13	Dark	61.000	103	38Zet Sgr	2.6000	9700.0	122	37197	No
122	GOM_NL__2PRFIN20090411_160452_000000612078_00069_37197_6533.N1	11-APR-2009 16:04:52	Dark	61.000	38	20Eps Sgr	1.8360	11000.	122	37197	No
123	GOM_NL__2PRFIN20090411_160858_000000652078_00069_37197_6534.N1	11-APR-2009 16:08:58	Dark	65.000	25	35Lam Sco	1.6200	28000.	130	37197	No
124	GOM_NL__2PRFIN20090411_161612_000000422078_00069_37197_6535.N1	11-APR-2009 16:16:12	Straylight	42.000	109	Bet Lup	2.6770	26000.	84	37197	No
125	GOM_NL__2PRFIN20090411_162818_000000432078_00069_37197_6536.N1	11-APR-2009 16:28:18	Bright	43.000	15	67Alp Vir	0.97600	28000.	86	37197	No
126	GOM_NL__2PRFIN20090411_163520_000000412078_00069_37197_6537.N1	11-APR-2009 16:35:20	Bright	41.000	138	47Eps Vir	2.8280	4700.0	82	37197	No
127	GOM_NL__2PRFIN20090411_163908_000000522078_00069_37197_6538.N1	11-APR-2009 16:39:08	Bright	51.500	111	8Eta Boo	2.6800	6000.0	103	37197	No
128	GOM_NL__2PRFIN20090411_164340_000000352078_00069_37197_6539.N1	11-APR-2009 16:43:40	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	37197	No
129	GOM_NL__2PRFIN20090411_164807_000000432078_00069_37197_6540.N1	11-APR-2009 16:48:07	Bright	43.000	39	85Eta UMa	1.8540	24000.	86	37197	No
130	GOM_NL__2PRFIN20090411_165648_000000472078_00069_37197_6541.N1	11-APR-2009 16:56:48	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	37197	No
131	GOM_NL__2PRFIN20090411_170935_000000372078_00069_37197_6542.N1	11-APR-2009 17:09:35	Tw_i_and_stray	37.000	144	18Del Cyg	2.8600	11000.	74	37197	No
132	GOM_NL__2PRFIN20090411_171155_000000392078_00069_37197_6543.N1	11-APR-2009 17:11:55	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	37197	No
133	GOM_NL__2PRFIN20090411_171418_000000402078_00069_37197_6544.N1	11-APR-2009 17:14:18	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	37197	No
134	GOM_NL__2PRFIN20090411_174150_000000582078_00070_37198_6547.N1	11-APR-2009 17:41:50	Dark	58.000	103	38Zet Sgr	2.6000	9700.0	116	37198	No
135	GOM_NL__2PRFIN20090411_174529_000000602078_00070_37198_6548.N1	11-APR-2009 17:45:29	Dark	59.500	38	20Eps Sgr	1.8360	11000.	119	37198	No
136	GOM_NL__2PRFIN20090411_174935_000000602078_00070_37198_6549.N1	11-APR-2009 17:49:35	Dark	59.500	25	35Lam Sco	1.6200	28000.	119	37198	No
137	GOM_NL__2PRFIN20090411_175555_000000442078_00070_37198_6550.N1	11-APR-2009 17:55:55	Straylight	44.000	131	Gam Lup	2.8000	26000.	88	37198	No
138	GOM_NL__2PRFIN20090411_180854_000000392078_00070_37198_6551.N1	11-APR-2009 18:08:54	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	37198	No
139	GOM_NL__2PRFIN20090411_181556_000000392078_00070_37198_6552.N1	11-APR-2009 18:15:56	Bright	39.000	138	47Eps Vir	2.8280	4700.0	78	37198	No
140	GOM_NL__2PRFIN20090411_181943_000000502078_00070_37198_6553.N1	11-APR-2009 18:19:43	Bright	50.000	111	8Eta Boo	2.6800	6000.0	100	37198	No
141	GOM_NL__2PRFIN20090411_182842_000000442078_00070_37198_6554.N1	11-APR-2009 18:28:42	Bright	44.000	39	85Eta UMa	1.8540	24000.	88	37198	No
142	GOM_NL__2PRFIN20090411_183723_000000432078_00070_37198_6555.N1	11-APR-2009 18:37:23	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	37198	No
143	GOM_NL__2PRFIN20090411_185011_000000312078_00070_37198_6556.N1	11-APR-2009 18:50:11	Tw_i_and_stray	31.000	144	18Del Cyg	2.8600	11000.	62	37198	No
144	GOM_NL__2PRFIN20090411_185454_000000362078_00070_37198_6557.N1	11-APR-2009 18:54:54	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	37198	No
145	GOM_NL__2PRFIN20090411_192228_000000582078_00071_37199_6563.N1	11-APR-2009 19:22:28	Dark	58.000	103	38Zet Sgr	2.6000	9700.0	116	37199	No
146	GOM_NL__2PRFIN20090411_192607_000000602078_00071_37199_6564.N1	11-APR-2009 19:26:07	Dark	60.000	38	20Eps Sgr	1.8360	11000.	120	37199	No
147	GOM_NL__2PRFIN20090411_193012_000000602078_00071_37199_6565.N1	11-APR-2009 19:30:12	Dark	59.500	25	35Lam Sco	1.6200	28000.	119	37199	No
148	GOM_NL__2PRFIN20090411_193631_000000432078_00071_37199_6566.N1	11-APR-2009 19:36:31	Straylight	42.500	131	Gam Lup	2.8000	26000.	85	37199	No
149	GOM_NL__2PRFIN20090411_194930_000000382078_00071_37199_6567.N1	11-APR-2009 19:49:30	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	37199	No
150	GOM_NL__2PRFIN20090411_195632_000000382078_00071_37199_6568.N1	11-APR-2009 19:56:32	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	37199	No
151	GOM_NL__2PRFIN20090411_200018_000000482078_00071_37199_6569.N1	11-APR-2009 20:00:18	Bright	47.500	111	8Eta Boo	2.6800	6000.0	95	37199	No
152	GOM_NL__2PRFIN20090411_200918_000000412078_00071_37199_6570.N1	11-APR-2009 20:09:18	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	37199	No
153	GOM_NL__2PRFIN20090411_201758_000000422078_00071_37199_6571.N1	11-APR-2009 20:17:58	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37199	No
154	GOM_NL__2PRFIN20090411_203046_000000312078_00071_37199_6572.N1	11-APR-2009 20:30:46	Tw_i_and_stray	31.000	144	18Del Cyg	2.8600	11000.	62	37199	No
155	GOM_NL__2PRFIN20090411_203530_000000352078_00071_37199_6573.N1	11-APR-2009 20:35:30	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	37199	No
156	GOM_NL__2PRFIN20090411_210306_000000552078_00072_37200_6581.N1	11-APR-2009 21:03:06	Dark	54.500	103	38Zet Sgr	2.6000	9700.0	109	37200	No
157	GOM_NL__2PRFIN20090411_210644_000000562078_00072_37200_6582.N1	11-APR-2009 21:06:44	Dark	55.500	38	20Eps Sgr	1.8360	11000.	111	37200	No
158	GOM_NL__2PRFIN20090411_211050_000000552078_00072_37200_6583.N1	11-APR-2009 21:10:50	Dark	54.500	25	35Lam Sco	1.6200	28000.	109	37200	No
159	GOM_NL__2PRFIN20090411_211708_000000432078_00072_37200_6584.N1	11-APR-2009 21:17:08	Straylight	42.500	131	Gam Lup	2.8000	26000.	85	37200	No
160	GOM_NL__2PRFIN20090411_213006_000000372078_00072_37200_6585.N1	11-APR-2009 21:30:06	Bright	36.500	15	67Alp Vir	0.97600	28000.	73	37200	No

161	GOM_NL__2PRFIN20090411_213707_000000382078_00072_37200_6586.N1	11-APR-2009 21:37:07	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	37200	No
162	GOM_NL__2PRFIN20090411_214053_000000482078_00072_37200_6587.N1	11-APR-2009 21:40:53	Bright	48.000	111	8Eta Boo	2.6800	6000.0	96	37200	No
163	GOM_NL__2PRFIN20090411_214953_000000422078_00072_37200_6588.N1	11-APR-2009 21:49:53	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	37200	No
164	GOM_NL__2PRFIN20090411_215833_000000422078_00072_37200_6589.N1	11-APR-2009 21:58:33	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37200	No
165	GOM_NL__2PRFIN20090411_221122_000000262078_00072_37200_6590.N1	11-APR-2009 22:11:22	Twilight	26.000	144	18Del Cyg	2.8600	11000.	52	37200	No
166	GOM_NL__2PRFIN20090411_221606_000000352078_00072_37200_6591.N1	11-APR-2009 22:16:06	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	37200	No
167	GOM_NL__2PRFIN20090411_224722_000000552078_00073_37201_6597.N1	11-APR-2009 22:47:22	Dark	54.500	38	20Eps Sgr	1.8360	11000.	109	37201	No
168	GOM_NL__2PRFIN20090411_225127_000000542078_00073_37201_6598.N1	11-APR-2009 22:51:27	Dark	53.500	25	35Lam Sco	1.6200	28000.	107	37201	No
169	GOM_NL__2PRFIN20090411_225745_000000422078_00073_37201_6599.N1	11-APR-2009 22:57:45	Straylight	42.000	131	Gam Lup	2.8000	26000.	84	37201	No
170	GOM_NL__2PRFIN20090411_231042_000000372078_00073_37201_6600.N1	11-APR-2009 23:10:42	Bright	37.000	15	67Alp Vir	0.97600	28000.	74	37201	No
171	GOM_NL__2PRFIN20090411_231743_000000382078_00073_37201_6601.N1	11-APR-2009 23:17:43	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	37201	No
172	GOM_NL__2PRFIN20090411_232129_000000472078_00073_37201_6602.N1	11-APR-2009 23:21:29	Bright	47.000	111	8Eta Boo	2.6800	6000.0	94	37201	No
173	GOM_NL__2PRFIN20090411_233028_000000402078_00073_37201_6603.N1	11-APR-2009 23:30:28	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	37201	No
174	GOM_NL__2PRFIN20090411_233908_000000422078_00073_37201_6604.N1	11-APR-2009 23:39:08	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37201	No
175	GOM_NL__2PRFIN20090411_235158_000000262078_00073_37201_6605.N1	11-APR-2009 23:51:58	Twilight	26.000	144	18Del Cyg	2.8600	11000.	52	37201	No
176	GOM_NL__2PRFIN20090411_235642_000000352078_00073_37201_6606.N1	11-APR-2009 23:56:42	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	37201	No

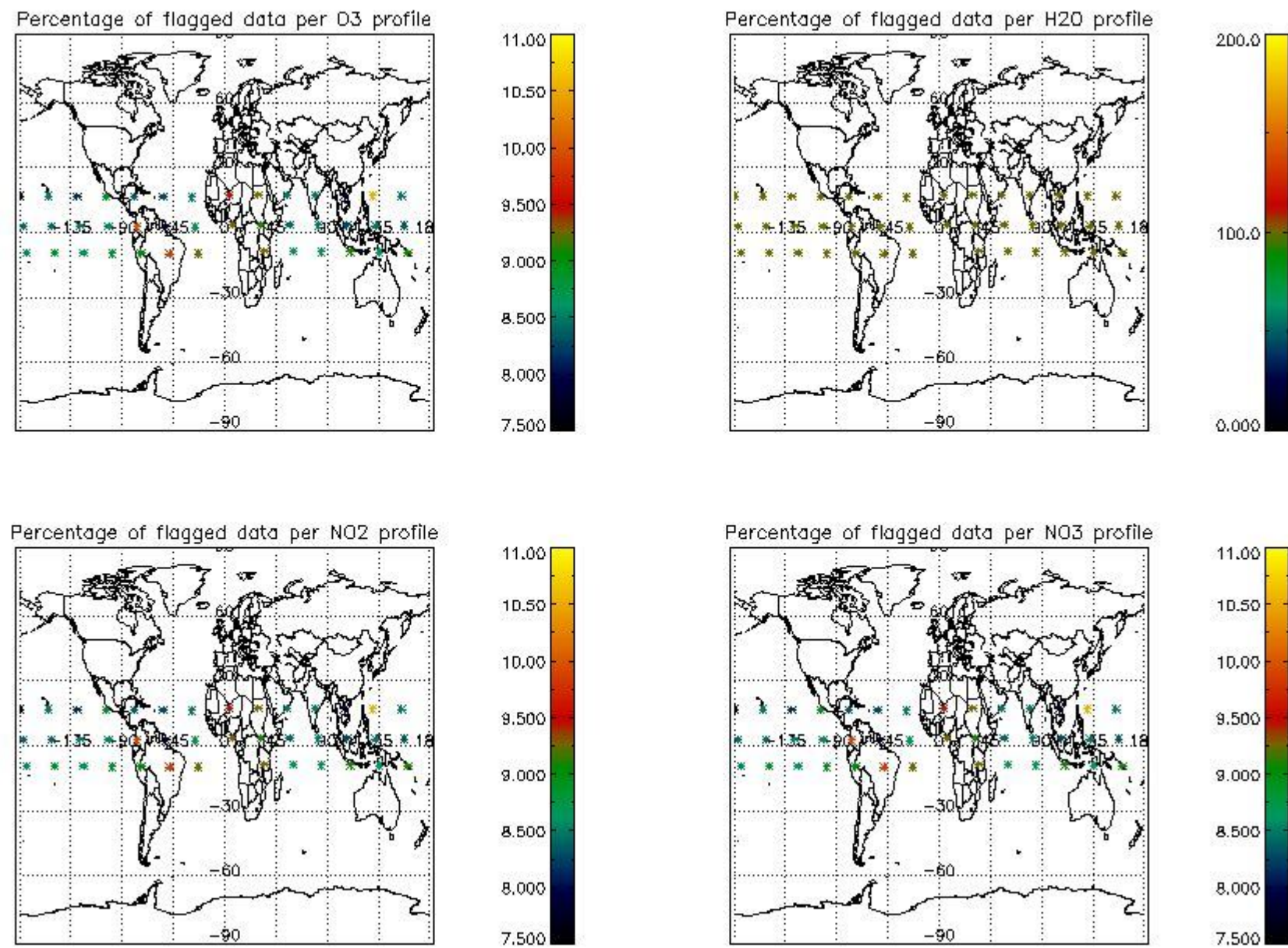
3. Quality information per product

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)

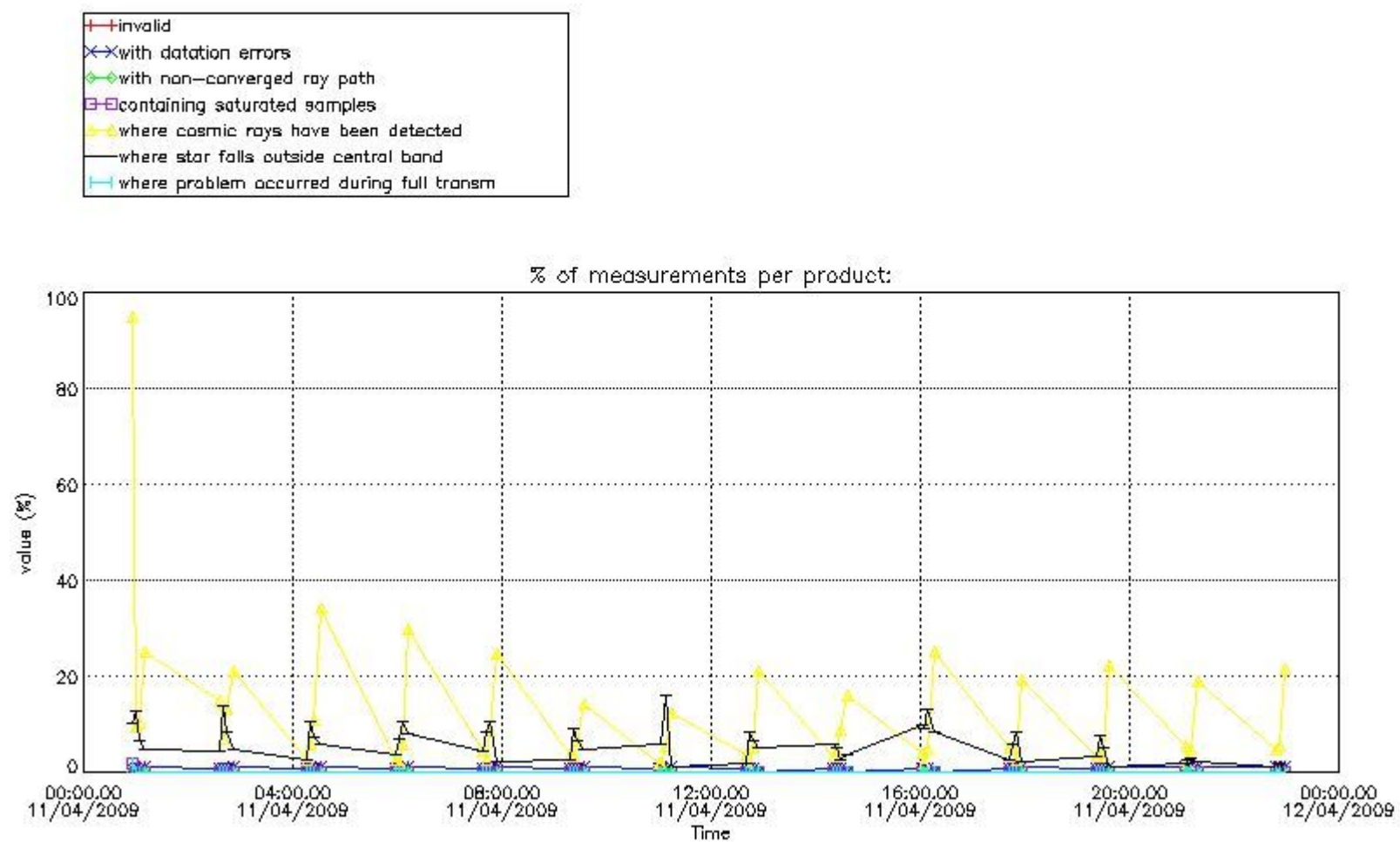


4. Level 1 quality information per product

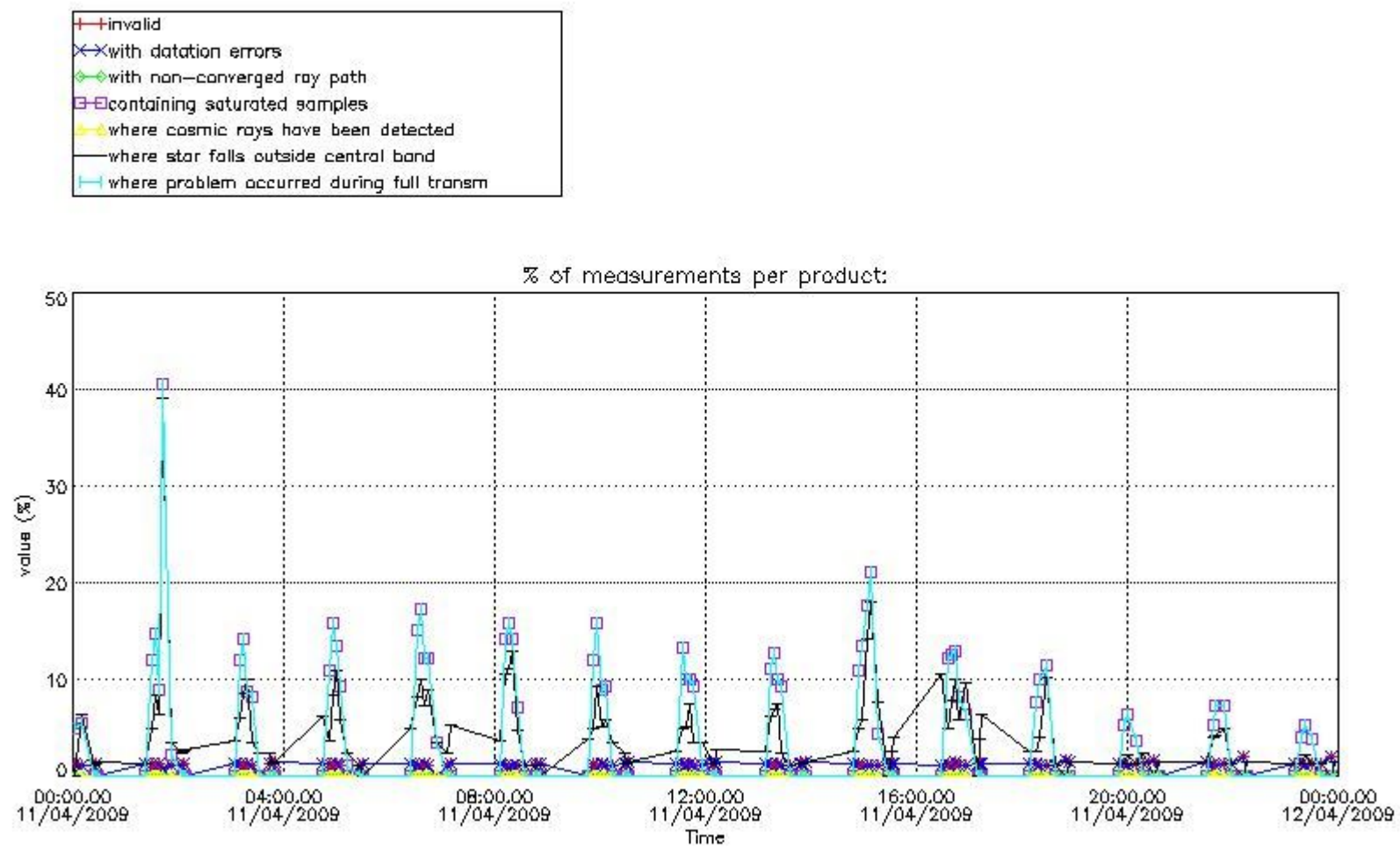
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



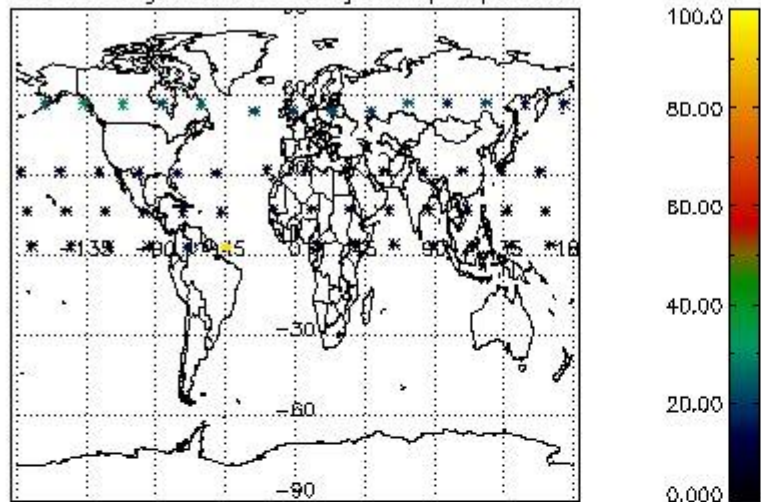
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



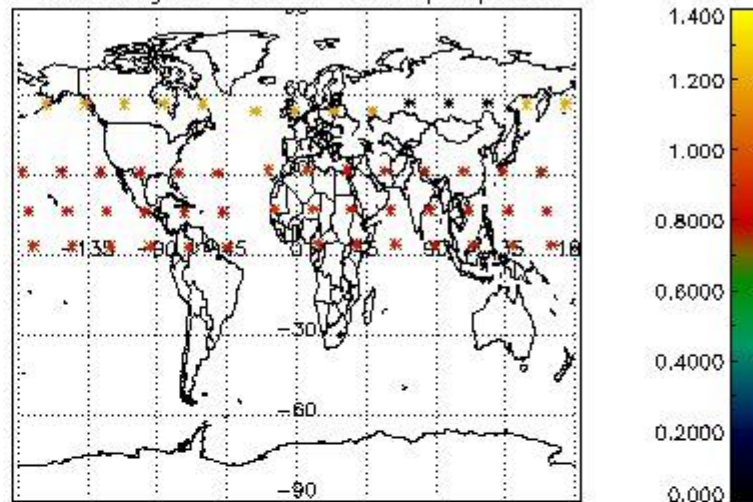
4.2 Plot quality information per product coming from level 1b processing (world map)

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

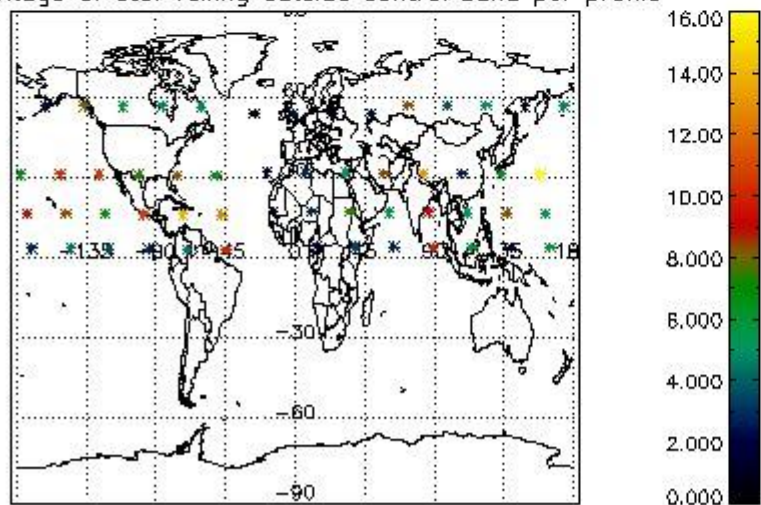
Percentage of cosmic ray hits per profile



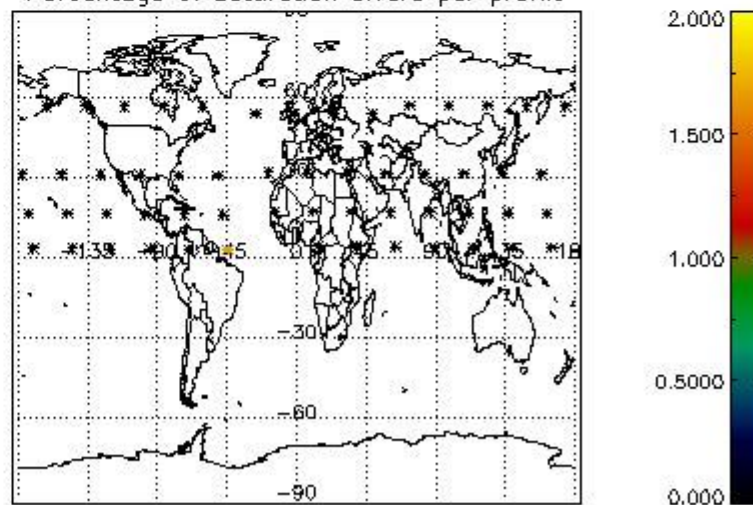
Percentage of datation errors per profile



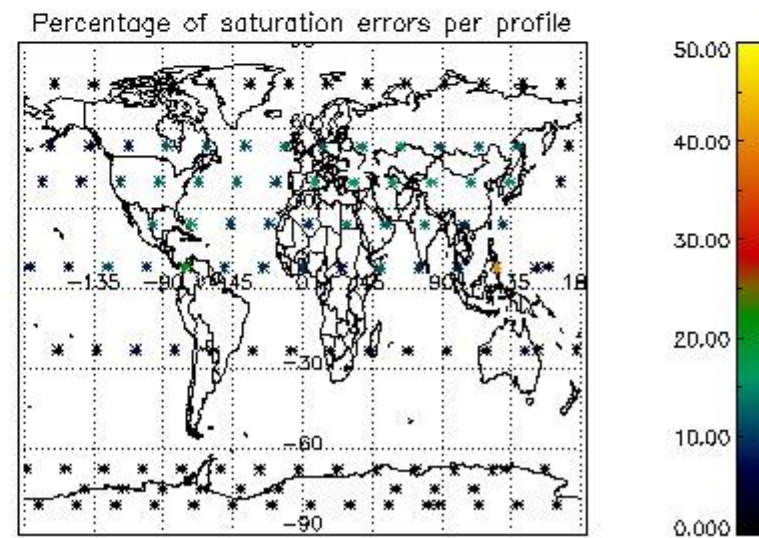
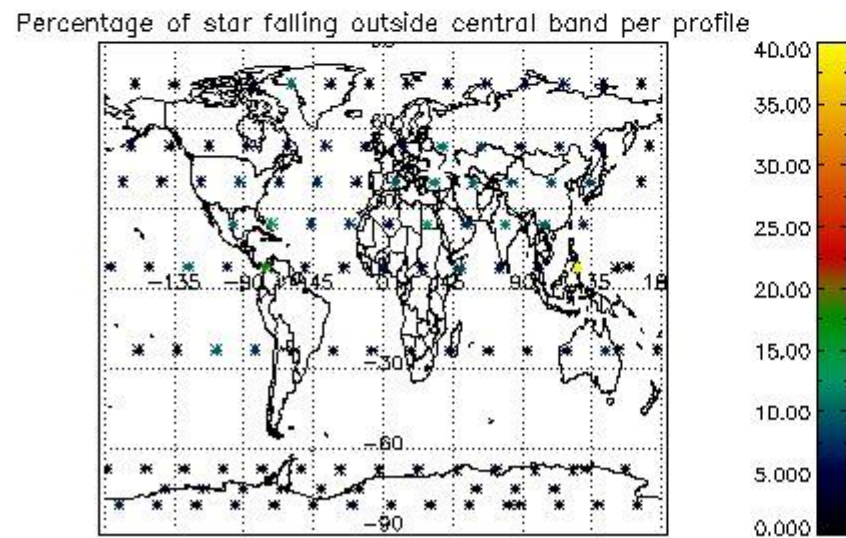
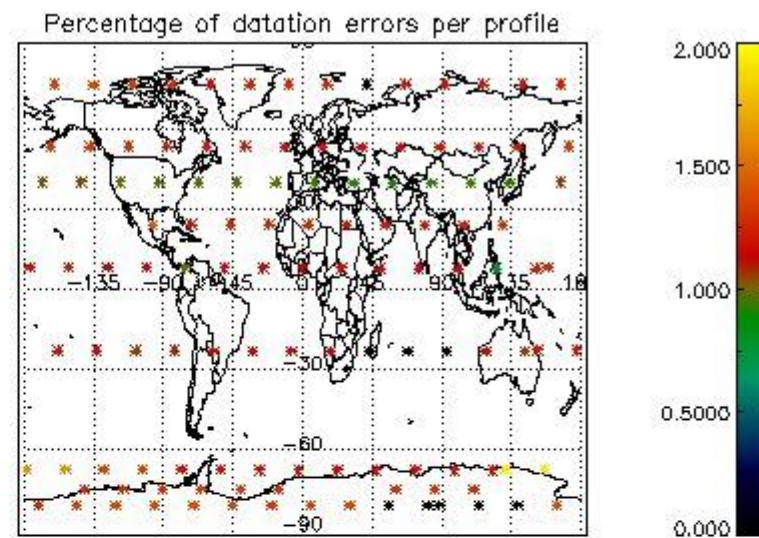
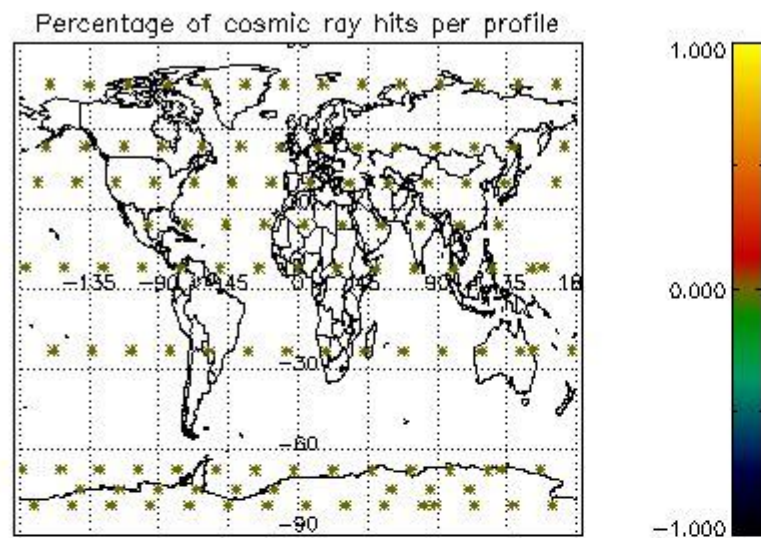
Percentage of star falling outside central band per profile



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

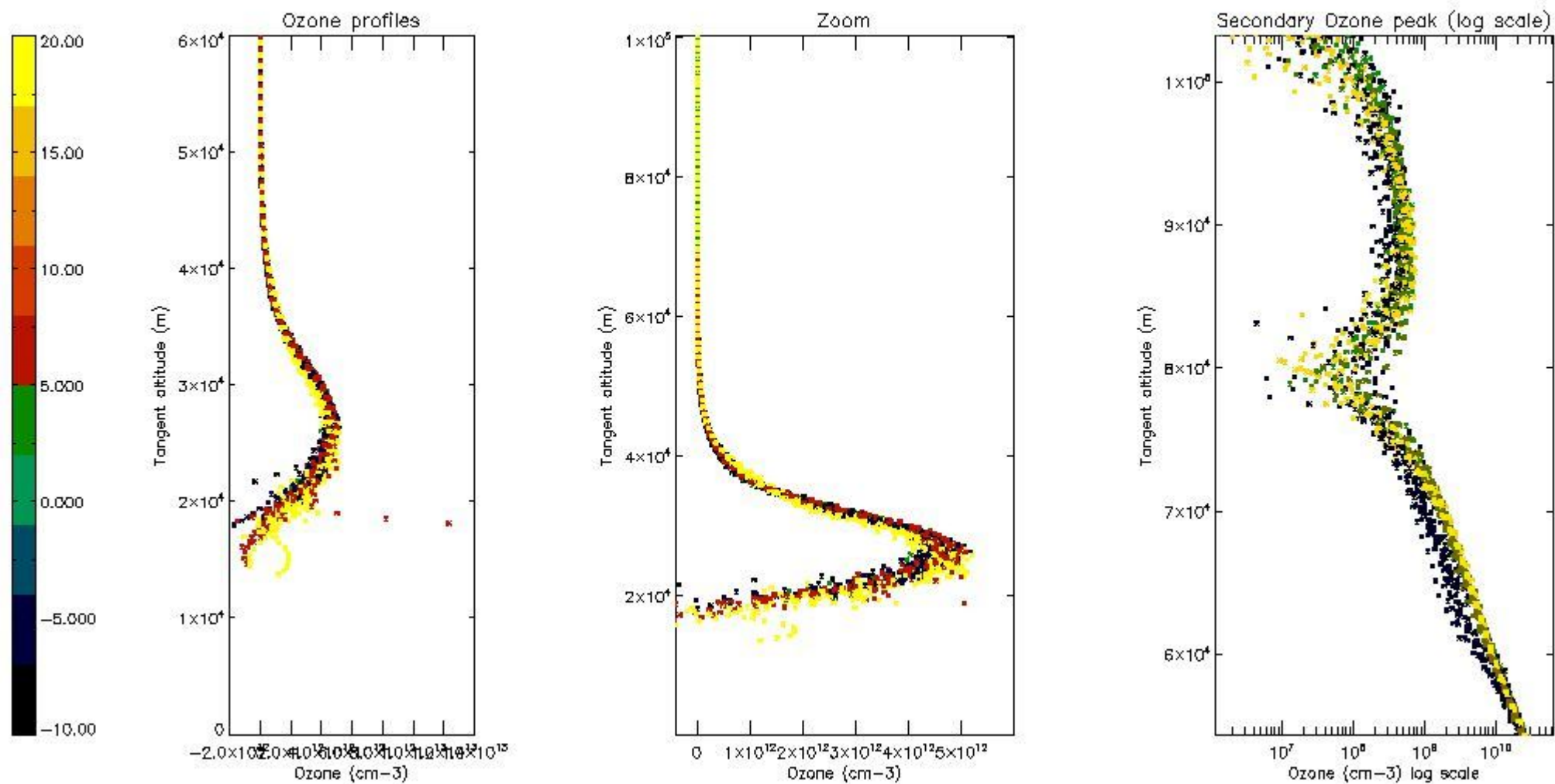
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	31
STD < 20	20

STD < 10	17
STD < 5	13

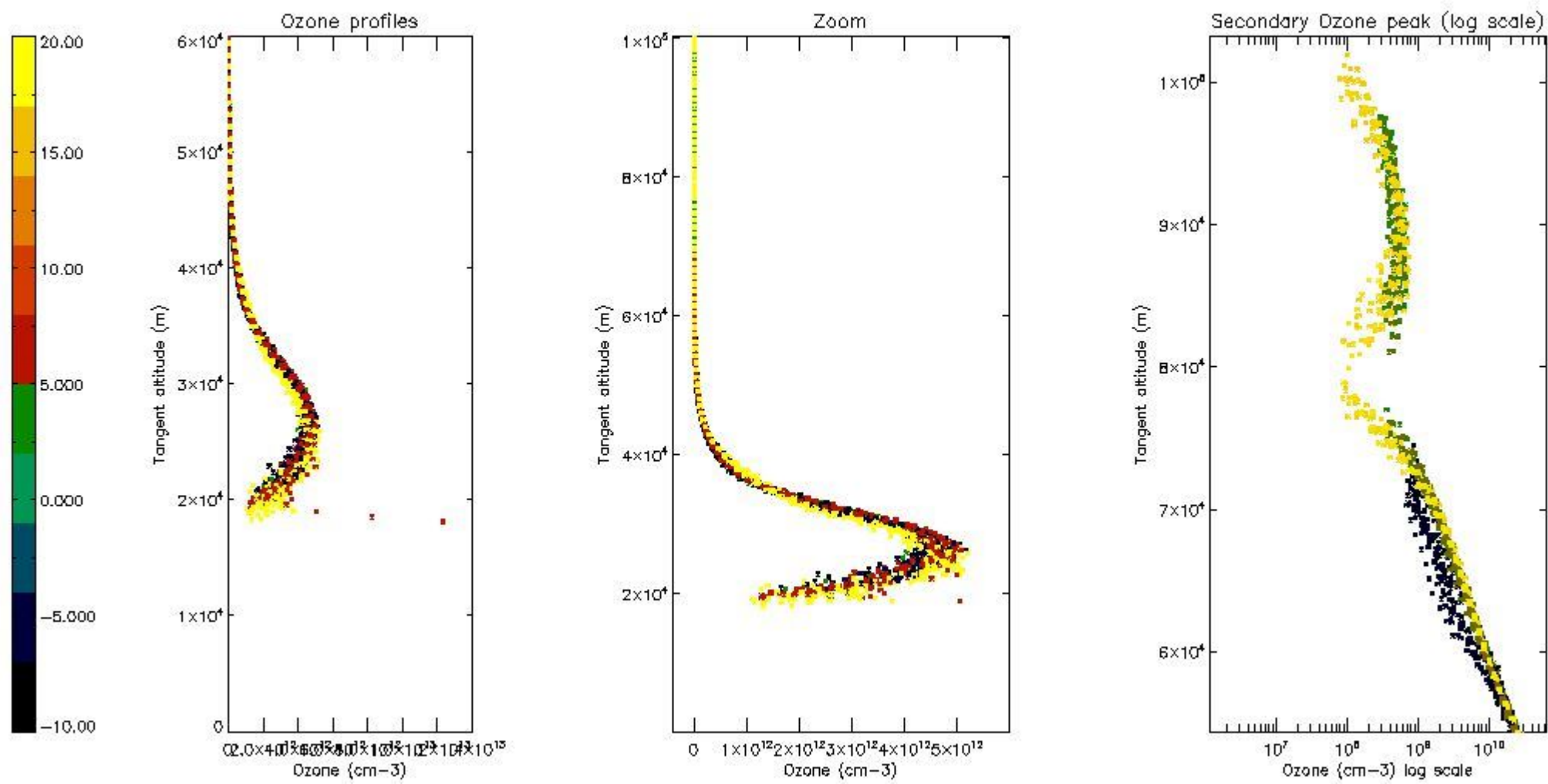
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



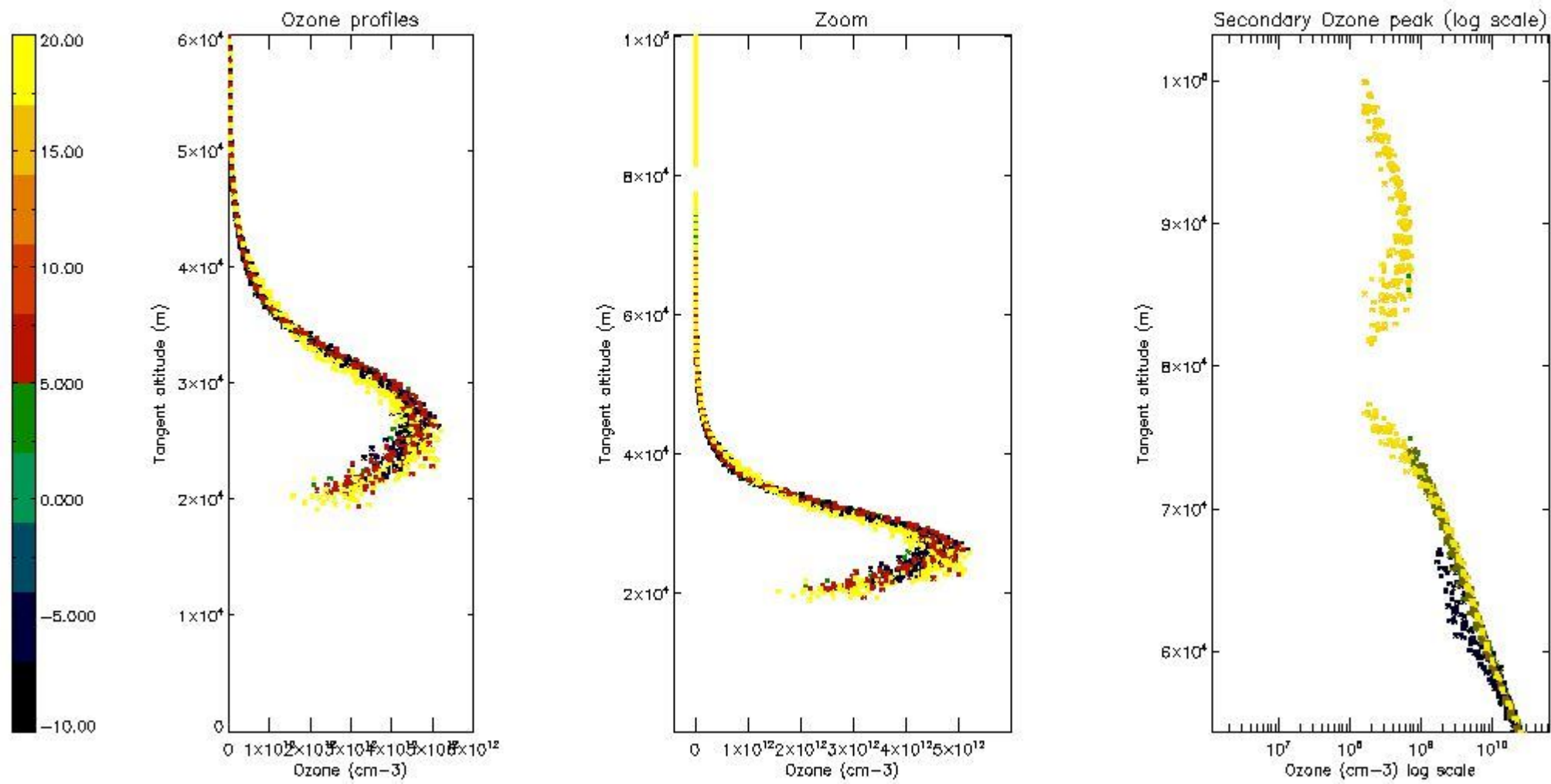
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



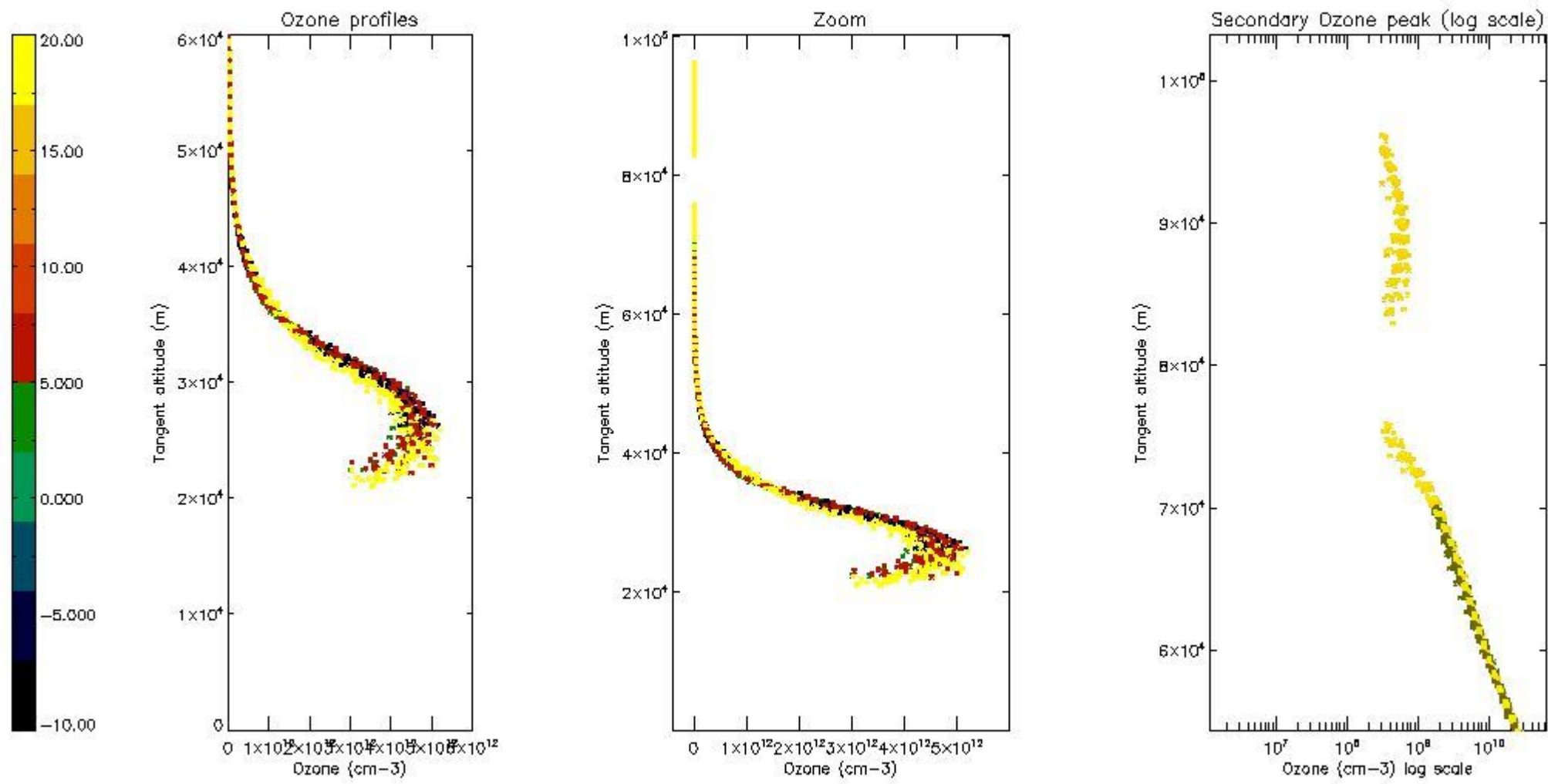
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



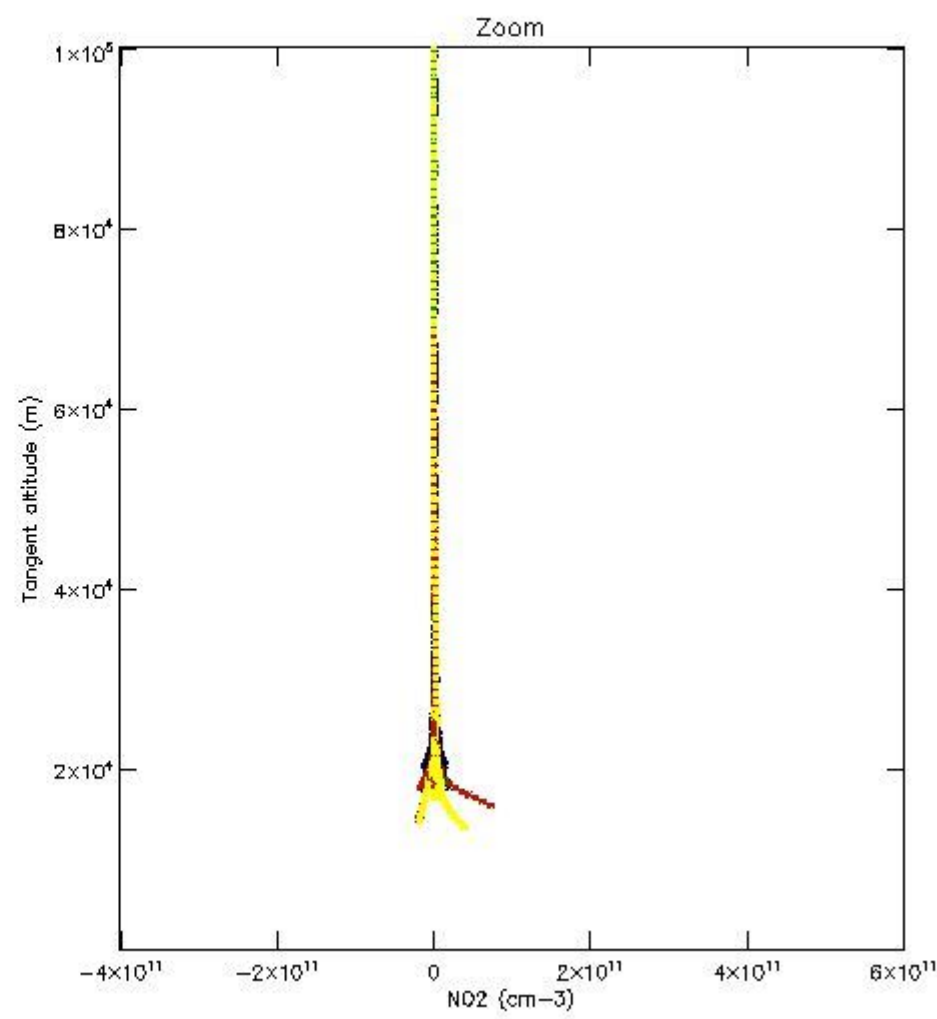
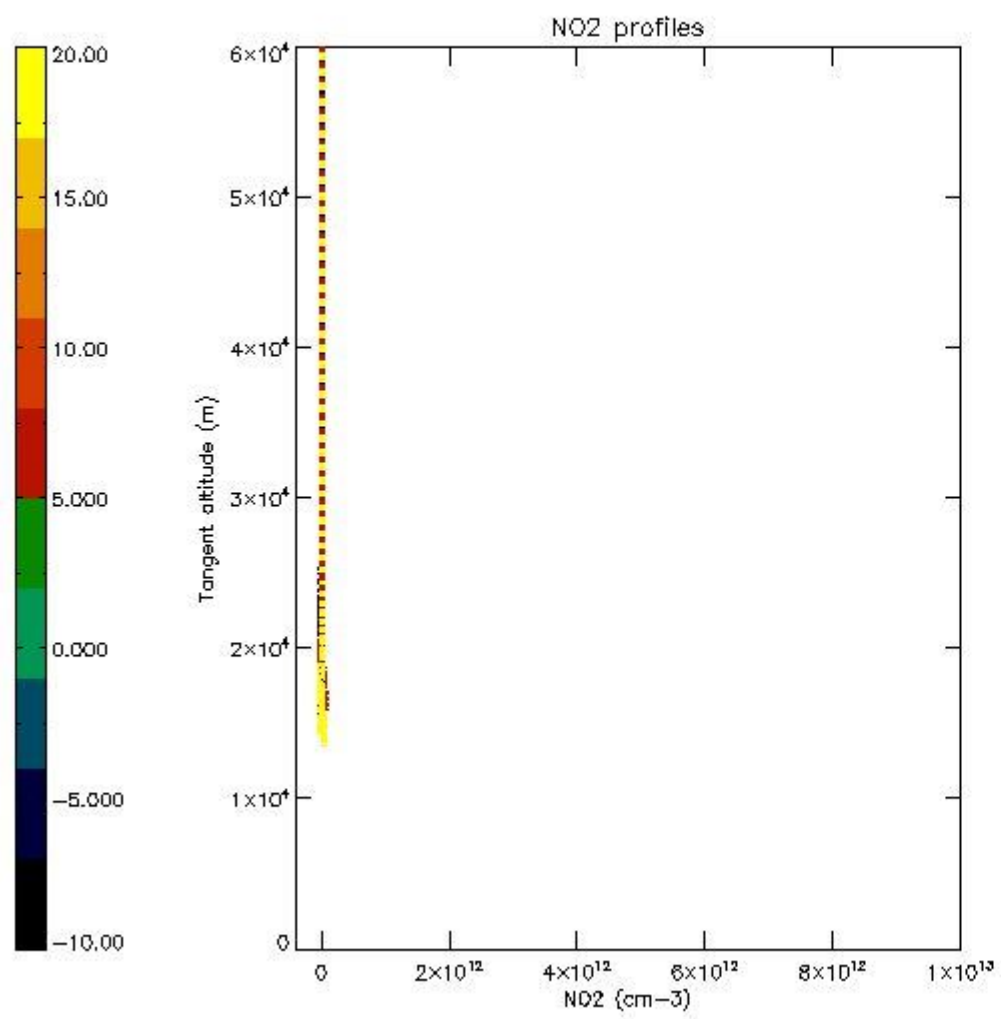
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



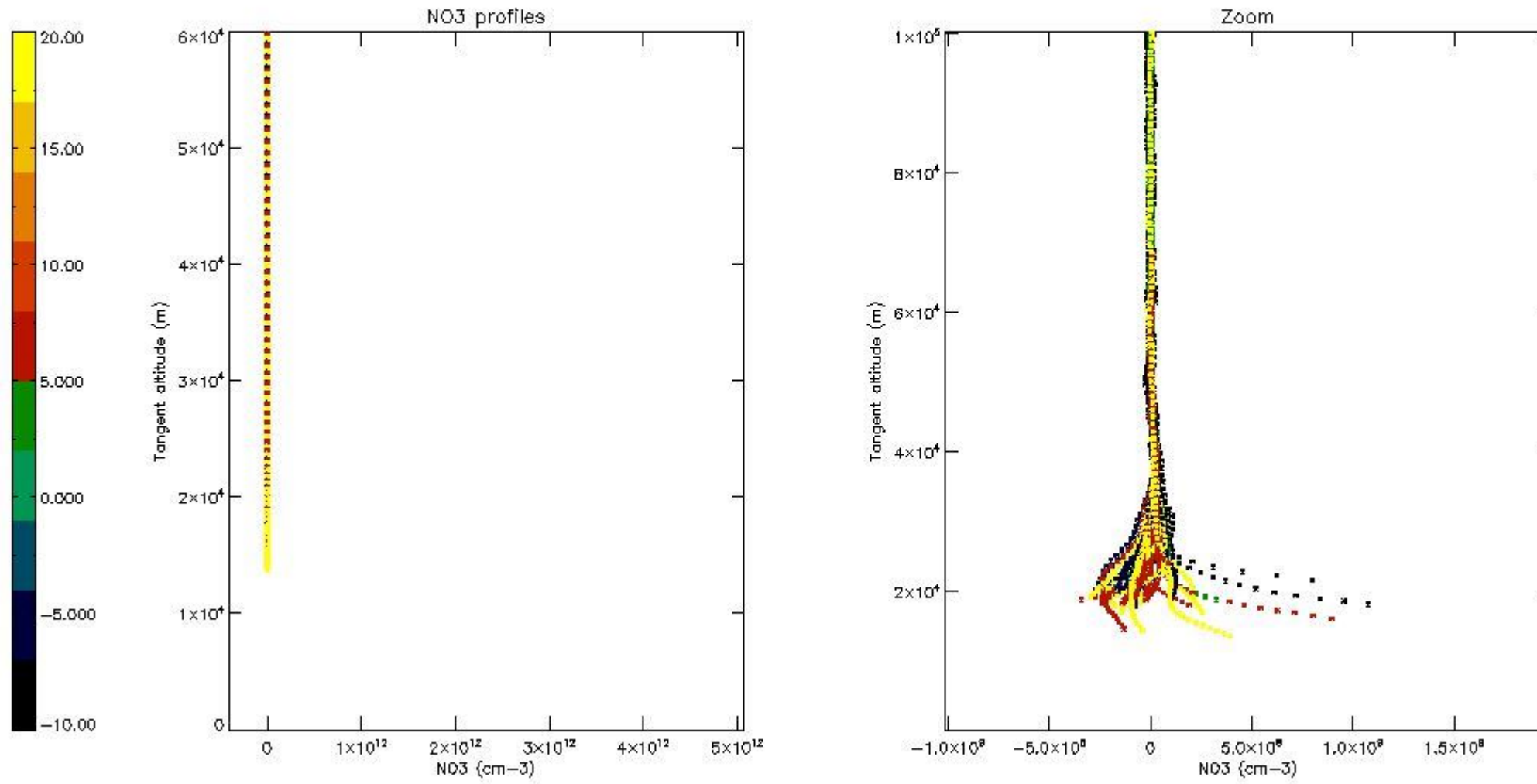
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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	11-APR-2009 00:02:13
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-APR-2009 00:02:13
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-APR-2009 00:02:13

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

[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](#)

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

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

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

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

[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	26APR2013 08:44:43
Data source version	GOMOS/6.01
Start time of products	11-04-2009 (11APR2009 00:00:00)
Stop time of products	12-04-2009 (12APR2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	176
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__2PRFIN20090411_000213_000000412078_00059_37187_6373.N1	11-APR-2009 00:02:13	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	37187	No
2	GOM_NL__2PRFIN20090411_001055_000000472078_00059_37187_6374.N1	11-APR-2009 00:10:55	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	37187	No
3	GOM_NL__2PRFIN20090411_002338_000000432078_00059_37187_6375.N1	11-APR-2009 00:23:38	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	37187	No
4	GOM_NL__2PRFIN20090411_002557_000000392078_00059_37187_6376.N1	11-APR-2009 00:25:57	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	37187	No
5	GOM_NL__2PRFIN20090411_002818_000000372078_00059_37187_6377.N1	11-APR-2009 00:28:18	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	37187	No
6	GOM_NL__2PRFIN20090411_005536_000000602078_00060_37188_6381.N1	11-APR-2009 00:55:36	Dark	60.000	103	38Zet Sgr	2.6000	9700.0	120	37188	No
7	GOM_NL__2PRFIN20090411_005915_000000642078_00060_37188_6382.N1	11-APR-2009 00:59:15	Dark	63.500	38	20Eps Sgr	1.8360	11000.	127	37188	No
8	GOM_NL__2PRFIN20090411_010322_000000602078_00060_37188_6383.N1	11-APR-2009 01:03:22	Dark	59.500	25	35Lam Sco	1.6200	28000.	119	37188	No
9	GOM_NL__2PRFIN20090411_011041_000000422078_00060_37188_6384.N1	11-APR-2009 01:10:41	Straylight	42.000	109	Bet Lup	2.6770	26000.	84	37188	No
10	GOM_NL__2PRFIN20090411_012254_000000412078_00060_37188_6385.N1	11-APR-2009 01:22:54	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	37188	No
11	GOM_NL__2PRFIN20090411_012959_000000422078_00060_37188_6386.N1	11-APR-2009 01:29:59	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	37188	No
12	GOM_NL__2PRFIN20090411_013350_000000542078_00060_37188_6387.N1	11-APR-2009 01:33:50	Bright	54.000	111	8Eta Boo	2.6800	6000.0	108	37188	No
13	GOM_NL__2PRFIN20090411_013815_000000392078_00060_37188_6388.N1	11-APR-2009 01:38:15	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	37188	No
14	GOM_NL__2PRFIN20090411_014249_000000642078_00060_37188_6389.N1	11-APR-2009 01:42:49	Bright	64.000	39	85Eta UMa	1.8540	24000.	128	37188	No
15	GOM_NL__2PRFIN20090411_015130_000000452078_00060_37188_6390.N1	11-APR-2009 01:51:30	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	37188	No
16	GOM_NL__2PRFIN20090411_020414_000000432078_00060_37188_6391.N1	11-APR-2009 02:04:14	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	37188	No
17	GOM_NL__2PRFIN20090411_020633_000000392078_00060_37188_6392.N1	11-APR-2009 02:06:33	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	37188	No
18	GOM_NL__2PRFIN20090411_020854_000000372078_00060_37188_6393.N1	11-APR-2009 02:08:54	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	37188	No
19	GOM_NL__2PRFIN20090411_023614_000000572078_00061_37189_6395.N1	11-APR-2009 02:36:14	Dark	56.500	103	38Zet Sgr	2.6000	9700.0	113	37189	No
20	GOM_NL__2PRFIN20090411_023952_000000652078_00061_37189_6396.N1	11-APR-2009 02:39:52	Dark	65.000	38	20Eps Sgr	1.8360	11000.	130	37189	No
21	GOM_NL__2PRFIN20090411_024359_000000612078_00061_37189_6397.N1	11-APR-2009 02:43:59	Dark	61.000	25	35Lam Sco	1.6200	28000.	122	37189	No
22	GOM_NL__2PRFIN20090411_025118_000000432078_00061_37189_6398.N1	11-APR-2009 02:51:18	Straylight	42.500	109	Bet Lup	2.6770	26000.	85	37189	No
23	GOM_NL__2PRFIN20090411_030330_000000422078_00061_37189_6399.N1	11-APR-2009 03:03:30	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	37189	No
24	GOM_NL__2PRFIN20090411_031034_000000422078_00061_37189_6400.N1	11-APR-2009 03:10:34	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	37189	No
25	GOM_NL__2PRFIN20090411_031426_000000532078_00061_37189_6401.N1	11-APR-2009 03:14:26	Bright	53.000	111	8Eta Boo	2.6800	6000.0	106	37189	No
26	GOM_NL__2PRFIN20090411_031850_000000402078_00061_37189_6402.N1	11-APR-2009 03:18:50	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	37189	No
27	GOM_NL__2PRFIN20090411_032324_000000432078_00061_37189_6403.N1	11-APR-2009 03:23:24	Bright	43.000	39	85Eta UMa	1.8540	24000.	86	37189	No
28	GOM_NL__2PRFIN20090411_033206_000000442078_00061_37189_6404.N1	11-APR-2009 03:32:06	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37189	No
29	GOM_NL__2PRFIN20090411_034450_000000422078_00061_37189_6405.N1	11-APR-2009 03:44:50	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	37189	No
30	GOM_NL__2PRFIN20090411_034709_000000392078_00061_37189_6406.N1	11-APR-2009 03:47:09	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	37189	No
31	GOM_NL__2PRFIN20090411_034930_000000372078_00061_37189_6407.N1	11-APR-2009 03:49:30	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	37189	No
32	GOM_NL__2PRFIN20090411_041650_000000562078_00062_37190_6409.N1	11-APR-2009 04:16:50	Dark	56.000	103	38Zet Sgr	2.6000	9700.0	112	37190	No
33	GOM_NL__2PRFIN20090411_042030_000000612078_00062_37190_6410.N1	11-APR-2009 04:20:30	Dark	61.000	38	20Eps Sgr	1.8360	11000.	122	37190	No
34	GOM_NL__2PRFIN20090411_042437_000000612078_00062_37190_6411.N1	11-APR-2009 04:24:37	Dark	60.500	25	35Lam Sco	1.6200	28000.	121	37190	No
35	GOM_NL__2PRFIN20090411_043154_000000432078_00062_37190_6412.N1	11-APR-2009 04:31:54	Straylight	42.500	109	Bet Lup	2.6770	26000.	85	37190	No
36	GOM_NL__2PRFIN20090411_044406_000000412078_00062_37190_6413.N1	11-APR-2009 04:44:06	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	37190	No
37	GOM_NL__2PRFIN20090411_045110_000000412078_00062_37190_6414.N1	11-APR-2009 04:51:10	Bright	41.000	138	47Eps Vir	2.8280	4700.0	82	37190	No
38	GOM_NL__2PRFIN20090411_045501_000000542078_00062_37190_6415.N1	11-APR-2009 04:55:01	Bright	54.000	111	8Eta Boo	2.6800	6000.0	108	37190	No
39	GOM_NL__2PRFIN20090411_045926_000000412078_00062_37190_6416.N1	11-APR-2009 04:59:26	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	37190	No
40	GOM_NL__2PRFIN20090411_050359_000000442078_00062_37190_6417.N1	11-APR-2009 05:03:59	Bright	43.500	39	85Eta UMa	1.8540	24000.	87	37190	No
41	GOM_NL__2PRFIN20090411_051241_000000442078_00062_37190_6418.N1	11-APR-2009 05:12:41	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	37190	No
42	GOM_NL__2PRFIN20090411_052525_000000432078_00062_37190_6419.N1	11-APR-2009 05:25:25	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	37190	No

43	GOM_NL__2PRFIN20090411_053006_000000372078_00062_37190_6420.N1	11-APR-2009 05:30:06	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	37190	No
44	GOM_NL__2PRFIN20090411_055728_000000572078_00063_37191_6420.N1	11-APR-2009 05:57:28	Dark	56.500	103	38Zet Sgr	2.6000	9700.0	113	37191	No
45	GOM_NL__2PRFIN20090411_060107_000000592078_00063_37191_6421.N1	11-APR-2009 06:01:07	Dark	59.000	38	20Eps Sgr	1.8360	11000.	118	37191	No
46	GOM_NL__2PRFIN20090411_060514_000000622078_00063_37191_6422.N1	11-APR-2009 06:05:14	Dark	62.000	25	35Lam Sco	1.6200	28000.	124	37191	No
47	GOM_NL__2PRFIN20090411_061231_000000442078_00063_37191_6423.N1	11-APR-2009 06:12:31	Straylight	43.500	109	Bet Lup	2.6770	26000.	87	37191	No
48	GOM_NL__2PRFIN20090411_062442_000000422078_00063_37191_6424.N1	11-APR-2009 06:24:42	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	37191	No
49	GOM_NL__2PRFIN20090411_063146_000000432078_00063_37191_6425.N1	11-APR-2009 06:31:46	Bright	43.000	138	47Eps Vir	2.8280	4700.0	86	37191	No
50	GOM_NL__2PRFIN20090411_063536_000000552078_00063_37191_6426.N1	11-APR-2009 06:35:36	Bright	55.000	111	8Eta Boo	2.6800	6000.0	110	37191	No
51	GOM_NL__2PRFIN20090411_064001_000000412078_00063_37191_6427.N1	11-APR-2009 06:40:01	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	37191	No
52	GOM_NL__2PRFIN20090411_064435_000000452078_00063_37191_6428.N1	11-APR-2009 06:44:35	Bright	45.000	39	85Eta UMa	1.8540	24000.	90	37191	No
53	GOM_NL__2PRFIN20090411_065316_000000442078_00063_37191_6429.N1	11-APR-2009 06:53:16	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37191	No
54	GOM_NL__2PRFIN20090411_070601_000000432078_00063_37191_6430.N1	11-APR-2009 07:06:01	Bright	43.000	144	18Del Cyg	2.8600	11000.	86	37191	No
55	GOM_NL__2PRFIN20090411_071042_000000382078_00063_37191_6431.N1	11-APR-2009 07:10:42	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	37191	No
56	GOM_NL__2PRFIN20090411_073806_000000582078_00064_37192_6438.N1	11-APR-2009 07:38:06	Dark	58.000	103	38Zet Sgr	2.6000	9700.0	116	37192	No
57	GOM_NL__2PRFIN20090411_074145_000000602078_00064_37192_6439.N1	11-APR-2009 07:41:45	Dark	59.500	38	20Eps Sgr	1.8360	11000.	119	37192	No
58	GOM_NL__2PRFIN20090411_074551_000000622078_00064_37192_6440.N1	11-APR-2009 07:45:51	Dark	62.000	25	35Lam Sco	1.6200	28000.	124	37192	No
59	GOM_NL__2PRFIN20090411_075307_000000432078_00064_37192_6441.N1	11-APR-2009 07:53:07	Straylight	42.500	109	Bet Lup	2.6770	26000.	85	37192	No
60	GOM_NL__2PRFIN20090411_080518_000000412078_00064_37192_6442.N1	11-APR-2009 08:05:18	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	37192	No
61	GOM_NL__2PRFIN20090411_081222_000000432078_00064_37192_6443.N1	11-APR-2009 08:12:22	Bright	42.500	138	47Eps Vir	2.8280	4700.0	85	37192	No
62	GOM_NL__2PRFIN20090411_081612_000000542078_00064_37192_6444.N1	11-APR-2009 08:16:12	Bright	54.000	111	8Eta Boo	2.6800	6000.0	108	37192	No
63	GOM_NL__2PRFIN20090411_082037_000000432078_00064_37192_6445.N1	11-APR-2009 08:20:37	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	37192	No
64	GOM_NL__2PRFIN20090411_082510_000000432078_00064_37192_6446.N1	11-APR-2009 08:25:10	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	37192	No
65	GOM_NL__2PRFIN20090411_083352_000000442078_00064_37192_6447.N1	11-APR-2009 08:33:52	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	37192	No
66	GOM_NL__2PRFIN20090411_084637_000000432078_00064_37192_6448.N1	11-APR-2009 08:46:37	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	37192	No
67	GOM_NL__2PRFIN20090411_084856_000000392078_00064_37192_6449.N1	11-APR-2009 08:48:56	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	37192	No
68	GOM_NL__2PRFIN20090411_085118_000000372078_00064_37192_6450.N1	11-APR-2009 08:51:18	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	37192	No
69	GOM_NL__2PRFIN20090411_091843_000000572078_00065_37193_6452.N1	11-APR-2009 09:18:43	Dark	56.500	103	38Zet Sgr	2.6000	9700.0	113	37193	No
70	GOM_NL__2PRFIN20090411_092222_000000602078_00065_37193_6453.N1	11-APR-2009 09:22:22	Dark	60.000	38	20Eps Sgr	1.8360	11000.	120	37193	No
71	GOM_NL__2PRFIN20090411_092629_000000602078_00065_37193_6454.N1	11-APR-2009 09:26:29	Dark	59.500	25	35Lam Sco	1.6200	28000.	119	37193	No
72	GOM_NL__2PRFIN20090411_093344_000000422078_00065_37193_6455.N1	11-APR-2009 09:33:44	Straylight	42.000	109	Bet Lup	2.6770	26000.	84	37193	No
73	GOM_NL__2PRFIN20090411_094554_000000402078_00065_37193_6456.N1	11-APR-2009 09:45:54	Bright	40.000	15	67Alp Vir	0.97600	28000.	80	37193	No
74	GOM_NL__2PRFIN20090411_095257_000000422078_00065_37193_6457.N1	11-APR-2009 09:52:57	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	37193	No
75	GOM_NL__2PRFIN20090411_095647_000000542078_00065_37193_6458.N1	11-APR-2009 09:56:47	Bright	53.500	111	8Eta Boo	2.6800	6000.0	107	37193	No
76	GOM_NL__2PRFIN20090411_100113_000000402078_00065_37193_6459.N1	11-APR-2009 10:01:13	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	37193	No
77	GOM_NL__2PRFIN20090411_100545_000000442078_00065_37193_6460.N1	11-APR-2009 10:05:45	Bright	43.500	39	85Eta UMa	1.8540	24000.	87	37193	No
78	GOM_NL__2PRFIN20090411_101427_000000442078_00065_37193_6461.N1	11-APR-2009 10:14:27	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37193	No
79	GOM_NL__2PRFIN20090411_102712_000000422078_00065_37193_6462.N1	11-APR-2009 10:27:12	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	37193	No
80	GOM_NL__2PRFIN20090411_102932_000000382078_00065_37193_6463.N1	11-APR-2009 10:29:32	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	37193	No
81	GOM_NL__2PRFIN20090411_103154_000000362078_00065_37193_6464.N1	11-APR-2009 10:31:54	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	37193	No
82	GOM_NL__2PRFIN20090411_105921_000000592078_00066_37194_6486.N1	11-APR-2009 10:59:21	Dark	59.000	103	38Zet Sgr	2.6000	9700.0	118	37194	No
83	GOM_NL__2PRFIN20090411_110259_000000602078_00066_37194_6487.N1	11-APR-2009 11:02:59	Dark	60.000	38	20Eps Sgr	1.8360	11000.	120	37194	No
84	GOM_NL__2PRFIN20090411_110706_000000662078_00066_37194_6488.N1	11-APR-2009 11:07:06	Dark	66.000	25	35Lam Sco	1.6200	28000.	132	37194	No
85	GOM_NL__2PRFIN20090411_111420_000000412078_00066_37194_6489.N1	11-APR-2009 11:14:20	Straylight	41.000	109	Bet Lup	2.6770	26000.	82	37194	No
86	GOM_NL__2PRFIN20090411_112630_000000402078_00066_37194_6490.N1	11-APR-2009 11:26:30	Bright	39.500	15	67Alp Vir	0.97600	28000.	79	37194	No
87	GOM_NL__2PRFIN20090411_113333_000000422078_00066_37194_6491.N1	11-APR-2009 11:33:33	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	37194	No
88	GOM_NL__2PRFIN20090411_113722_000000502078_00066_37194_6492.N1	11-APR-2009 11:37:22	Bright	50.000	111	8Eta Boo	2.6800	6000.0	100	37194	No
89	GOM_NL__2PRFIN20090411_114148_000000402078_00066_37194_6493.N1	11-APR-2009 11:41:48	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	37194	No
90	GOM_NL__2PRFIN20090411_114621_000000432078_00066_37194_6494.N1	11-APR-2009 11:46:21	Bright	43.000	39	85Eta UMa	1.8540	24000.	86	37194	No
91	GOM_NL__2PRFIN20090411_115502_000000442078_00066_37194_6495.N1	11-APR-2009 11:55:02	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37194	No
92	GOM_NL__2PRFIN20090411_120748_000000422078_00066_37194_6496.N1	11-APR-2009 12:07:48	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	37194	No
93	GOM_NL__2PRFIN20090411_121008_000000382078_00066_37194_6497.N1	11-APR-2009 12:10:08	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	37194	No
94	GOM_NL__2PRFIN20090411_121230_000000372078_00066_37194_6498.N1	11-APR-2009 12:12:30	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	37194	No
95	GOM_NL__2PRFIN20090411_123958_000000562078_00067_37195_6497.N1	11-APR-2009 12:39:58	Dark	55.500	103	38Zet Sgr	2.6000	9700.0	111	37195	No
96	GOM_NL__2PRFIN20090411_124337_000000612078_00067_37195_6498.N1	11-APR-2009 12:43:37	Dark	60.500	38	20Eps Sgr	1.8360	11000.	121	37195	No
97	GOM_NL__2PRFIN20090411_124743_000000602078_00067_37195_6499.N1	11-APR-2009 12:47:43	Dark	59.500	25	35Lam Sco	1.6200	28000.	119	37195	No
98	GOM_NL__2PRFIN20090411_125457_000000412078_00067_37195_6500.N1	11-APR-2009 12:54:57	Straylight	40.500	109	Bet Lup	2.6770	26000.	81	37195	No
99	GOM_NL__2PRFIN20090411_130706_000000392078_00067_37195_6501.N1	11-APR-2009 13:07:06	Bright	39.000	15	67Alp Vir	0.97600	28000.	78	37195	No
100	GOM_NL__2PRFIN20090411_131409_000000412078_00067_37195_6502.N1	11-APR-2009 13:14:09	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	37195	No
101	GOM_NL__2PRFIN20090411_131757_000000512078_00067_37195_6503.N1	11-APR-2009 13:17:57	Bright	51.000	111	8Eta Boo	2.6800	6000.0	102	37195	No

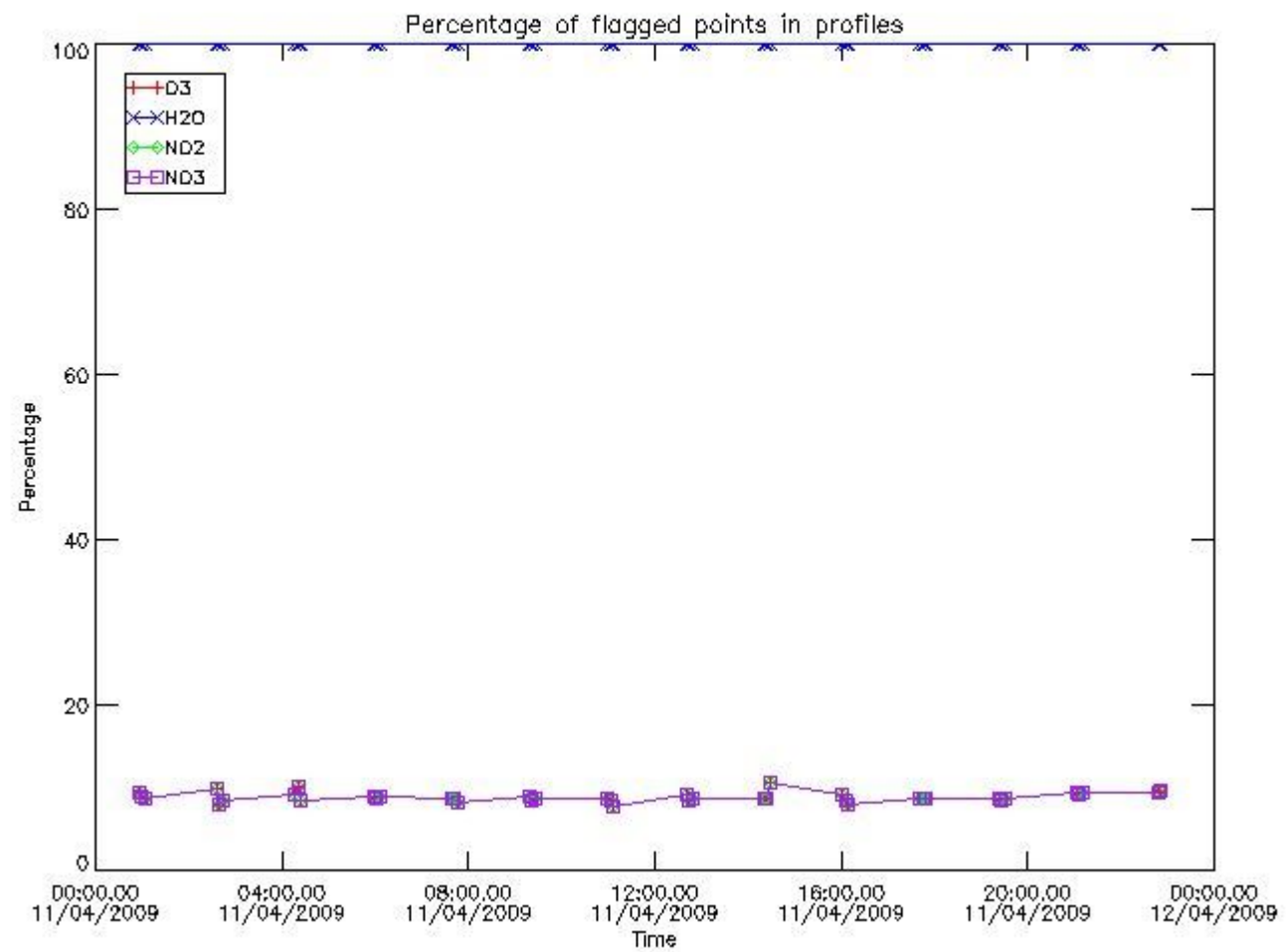
102	GOM_NL__2PRFIN20090411_132223_000000402078_00067_37195_6504.N1	11-APR-2009 13:22:23	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	37195	No
103	GOM_NL__2PRFIN20090411_132656_000000432078_00067_37195_6505.N1	11-APR-2009 13:26:56	Bright	43.000	39	85Eta UMa	1.8540	24000.	86	37195	No
104	GOM_NL__2PRFIN20090411_133537_000000442078_00067_37195_6506.N1	11-APR-2009 13:35:37	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37195	No
105	GOM_NL__2PRFIN20090411_134824_000000422078_00067_37195_6507.N1	11-APR-2009 13:48:24	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	37195	No
106	GOM_NL__2PRFIN20090411_135044_000000392078_00067_37195_6508.N1	11-APR-2009 13:50:44	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	37195	No
107	GOM_NL__2PRFIN20090411_135306_000000372078_00067_37195_6509.N1	11-APR-2009 13:53:06	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	37195	No
108	GOM_NL__2PRFIN20090411_142036_000000592078_00068_37196_6511.N1	11-APR-2009 14:20:36	Dark	58.500	103	38Zet Sgr	2.6000	9700.0	117	37196	No
109	GOM_NL__2PRFIN20090411_142414_000000602078_00068_37196_6512.N1	11-APR-2009 14:24:14	Dark	59.500	38	20Eps Sgr	1.8360	11000.	119	37196	No
110	GOM_NL__2PRFIN20090411_142820_000000582078_00068_37196_6513.N1	11-APR-2009 14:28:20	Dark	57.500	25	35Lam Sco	1.6200	28000.	115	37196	No
111	GOM_NL__2PRFIN20090411_143533_000000412078_00068_37196_6514.N1	11-APR-2009 14:35:33	Straylight	40.500	109	Bet Lup	2.6770	26000.	81	37196	No
112	GOM_NL__2PRFIN20090411_144742_000000402078_00068_37196_6515.N1	11-APR-2009 14:47:42	Bright	39.500	15	67Alp Vir	0.97600	28000.	79	37196	No
113	GOM_NL__2PRFIN20090411_145444_000000412078_00068_37196_6516.N1	11-APR-2009 14:54:44	Bright	41.000	138	47Eps Vir	2.8280	4700.0	82	37196	No
114	GOM_NL__2PRFIN20090411_145832_000000522078_00068_37196_6517.N1	11-APR-2009 14:58:32	Bright	52.000	111	8Eta Boo	2.6800	6000.0	104	37196	No
115	GOM_NL__2PRFIN20090411_150300_000000432078_00068_37196_6518.N1	11-APR-2009 15:03:00	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	37196	No
116	GOM_NL__2PRFIN20090411_150731_000000502078_00068_37196_6519.N1	11-APR-2009 15:07:31	Bright	50.000	39	85Eta UMa	1.8540	24000.	100	37196	No
117	GOM_NL__2PRFIN20090411_151612_000000462078_00068_37196_6520.N1	11-APR-2009 15:16:12	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	37196	No
118	GOM_NL__2PRFIN20090411_152859_000000372078_00068_37196_6521.N1	11-APR-2009 15:28:59	Tw_i_and_stray	37.000	144	18Del Cyg	2.8600	11000.	74	37196	No
119	GOM_NL__2PRFIN20090411_153120_000000402078_00068_37196_6522.N1	11-APR-2009 15:31:20	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	37196	No
120	GOM_NL__2PRFIN20090411_153342_000000382078_00068_37196_6523.N1	11-APR-2009 15:33:42	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	37196	No
121	GOM_NL__2PRFIN20090411_160113_000000612078_00069_37197_6532.N1	11-APR-2009 16:01:13	Dark	61.000	103	38Zet Sgr	2.6000	9700.0	122	37197	No
122	GOM_NL__2PRFIN20090411_160452_000000612078_00069_37197_6533.N1	11-APR-2009 16:04:52	Dark	61.000	38	20Eps Sgr	1.8360	11000.	122	37197	No
123	GOM_NL__2PRFIN20090411_160858_000000652078_00069_37197_6534.N1	11-APR-2009 16:08:58	Dark	65.000	25	35Lam Sco	1.6200	28000.	130	37197	No
124	GOM_NL__2PRFIN20090411_161612_000000422078_00069_37197_6535.N1	11-APR-2009 16:16:12	Straylight	42.000	109	Bet Lup	2.6770	26000.	84	37197	No
125	GOM_NL__2PRFIN20090411_162818_000000432078_00069_37197_6536.N1	11-APR-2009 16:28:18	Bright	43.000	15	67Alp Vir	0.97600	28000.	86	37197	No
126	GOM_NL__2PRFIN20090411_163520_000000412078_00069_37197_6537.N1	11-APR-2009 16:35:20	Bright	41.000	138	47Eps Vir	2.8280	4700.0	82	37197	No
127	GOM_NL__2PRFIN20090411_163908_000000522078_00069_37197_6538.N1	11-APR-2009 16:39:08	Bright	51.500	111	8Eta Boo	2.6800	6000.0	103	37197	No
128	GOM_NL__2PRFIN20090411_164340_000000352078_00069_37197_6539.N1	11-APR-2009 16:43:40	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	37197	No
129	GOM_NL__2PRFIN20090411_164807_000000432078_00069_37197_6540.N1	11-APR-2009 16:48:07	Bright	43.000	39	85Eta UMa	1.8540	24000.	86	37197	No
130	GOM_NL__2PRFIN20090411_165648_000000472078_00069_37197_6541.N1	11-APR-2009 16:56:48	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	37197	No
131	GOM_NL__2PRFIN20090411_170935_000000372078_00069_37197_6542.N1	11-APR-2009 17:09:35	Tw_i_and_stray	37.000	144	18Del Cyg	2.8600	11000.	74	37197	No
132	GOM_NL__2PRFIN20090411_171155_000000392078_00069_37197_6543.N1	11-APR-2009 17:11:55	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	37197	No
133	GOM_NL__2PRFIN20090411_171418_000000402078_00069_37197_6544.N1	11-APR-2009 17:14:18	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	37197	No
134	GOM_NL__2PRFIN20090411_174150_000000582078_00070_37198_6547.N1	11-APR-2009 17:41:50	Dark	58.000	103	38Zet Sgr	2.6000	9700.0	116	37198	No
135	GOM_NL__2PRFIN20090411_174529_000000602078_00070_37198_6548.N1	11-APR-2009 17:45:29	Dark	59.500	38	20Eps Sgr	1.8360	11000.	119	37198	No
136	GOM_NL__2PRFIN20090411_174935_000000602078_00070_37198_6549.N1	11-APR-2009 17:49:35	Dark	59.500	25	35Lam Sco	1.6200	28000.	119	37198	No
137	GOM_NL__2PRFIN20090411_175555_000000442078_00070_37198_6550.N1	11-APR-2009 17:55:55	Straylight	44.000	131	Gam Lup	2.8000	26000.	88	37198	No
138	GOM_NL__2PRFIN20090411_180854_000000392078_00070_37198_6551.N1	11-APR-2009 18:08:54	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	37198	No
139	GOM_NL__2PRFIN20090411_181556_000000392078_00070_37198_6552.N1	11-APR-2009 18:15:56	Bright	39.000	138	47Eps Vir	2.8280	4700.0	78	37198	No
140	GOM_NL__2PRFIN20090411_181943_000000502078_00070_37198_6553.N1	11-APR-2009 18:19:43	Bright	50.000	111	8Eta Boo	2.6800	6000.0	100	37198	No
141	GOM_NL__2PRFIN20090411_182842_000000442078_00070_37198_6554.N1	11-APR-2009 18:28:42	Bright	44.000	39	85Eta UMa	1.8540	24000.	88	37198	No
142	GOM_NL__2PRFIN20090411_183723_000000432078_00070_37198_6555.N1	11-APR-2009 18:37:23	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	37198	No
143	GOM_NL__2PRFIN20090411_185011_000000312078_00070_37198_6556.N1	11-APR-2009 18:50:11	Tw_i_and_stray	31.000	144	18Del Cyg	2.8600	11000.	62	37198	No
144	GOM_NL__2PRFIN20090411_185454_000000362078_00070_37198_6557.N1	11-APR-2009 18:54:54	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	37198	No
145	GOM_NL__2PRFIN20090411_192228_000000582078_00071_37199_6563.N1	11-APR-2009 19:22:28	Dark	58.000	103	38Zet Sgr	2.6000	9700.0	116	37199	No
146	GOM_NL__2PRFIN20090411_192607_000000602078_00071_37199_6564.N1	11-APR-2009 19:26:07	Dark	60.000	38	20Eps Sgr	1.8360	11000.	120	37199	No
147	GOM_NL__2PRFIN20090411_193012_000000602078_00071_37199_6565.N1	11-APR-2009 19:30:12	Dark	59.500	25	35Lam Sco	1.6200	28000.	119	37199	No
148	GOM_NL__2PRFIN20090411_193631_000000432078_00071_37199_6566.N1	11-APR-2009 19:36:31	Straylight	42.500	131	Gam Lup	2.8000	26000.	85	37199	No
149	GOM_NL__2PRFIN20090411_194930_000000382078_00071_37199_6567.N1	11-APR-2009 19:49:30	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	37199	No
150	GOM_NL__2PRFIN20090411_195632_000000382078_00071_37199_6568.N1	11-APR-2009 19:56:32	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	37199	No
151	GOM_NL__2PRFIN20090411_200018_000000482078_00071_37199_6569.N1	11-APR-2009 20:00:18	Bright	47.500	111	8Eta Boo	2.6800	6000.0	95	37199	No
152	GOM_NL__2PRFIN20090411_200918_000000412078_00071_37199_6570.N1	11-APR-2009 20:09:18	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	37199	No
153	GOM_NL__2PRFIN20090411_201758_000000422078_00071_37199_6571.N1	11-APR-2009 20:17:58	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37199	No
154	GOM_NL__2PRFIN20090411_203046_000000312078_00071_37199_6572.N1	11-APR-2009 20:30:46	Tw_i_and_stray	31.000	144	18Del Cyg	2.8600	11000.	62	37199	No
155	GOM_NL__2PRFIN20090411_203530_000000352078_00071_37199_6573.N1	11-APR-2009 20:35:30	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	37199	No
156	GOM_NL__2PRFIN20090411_210306_000000552078_00072_37200_6581.N1	11-APR-2009 21:03:06	Dark	54.500	103	38Zet Sgr	2.6000	9700.0	109	37200	No
157	GOM_NL__2PRFIN20090411_210644_000000562078_00072_37200_6582.N1	11-APR-2009 21:06:44	Dark	55.500	38	20Eps Sgr	1.8360	11000.	111	37200	No
158	GOM_NL__2PRFIN20090411_211050_000000552078_00072_37200_6583.N1	11-APR-2009 21:10:50	Dark	54.500	25	35Lam Sco	1.6200	28000.	109	37200	No
159	GOM_NL__2PRFIN20090411_211708_000000432078_00072_37200_6584.N1	11-APR-2009 21:17:08	Straylight	42.500	131	Gam Lup	2.8000	26000.	85	37200	No
160	GOM_NL__2PRFIN20090411_213006_000000372078_00072_37200_6585.N1	11-APR-2009 21:30:06	Bright	36.500	15	67Alp Vir	0.97600	28000.	73	37200	No

161	GOM_NL__2PRFIN20090411_213707_000000382078_00072_37200_6586.N1	11-APR-2009 21:37:07	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	37200	No
162	GOM_NL__2PRFIN20090411_214053_000000482078_00072_37200_6587.N1	11-APR-2009 21:40:53	Bright	48.000	111	8Eta Boo	2.6800	6000.0	96	37200	No
163	GOM_NL__2PRFIN20090411_214953_000000422078_00072_37200_6588.N1	11-APR-2009 21:49:53	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	37200	No
164	GOM_NL__2PRFIN20090411_215833_000000422078_00072_37200_6589.N1	11-APR-2009 21:58:33	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37200	No
165	GOM_NL__2PRFIN20090411_221122_000000262078_00072_37200_6590.N1	11-APR-2009 22:11:22	Twilight	26.000	144	18Del Cyg	2.8600	11000.	52	37200	No
166	GOM_NL__2PRFIN20090411_221606_000000352078_00072_37200_6591.N1	11-APR-2009 22:16:06	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	37200	No
167	GOM_NL__2PRFIN20090411_224722_000000552078_00073_37201_6597.N1	11-APR-2009 22:47:22	Dark	54.500	38	20Eps Sgr	1.8360	11000.	109	37201	No
168	GOM_NL__2PRFIN20090411_225127_000000542078_00073_37201_6598.N1	11-APR-2009 22:51:27	Dark	53.500	25	35Lam Sco	1.6200	28000.	107	37201	No
169	GOM_NL__2PRFIN20090411_225745_000000422078_00073_37201_6599.N1	11-APR-2009 22:57:45	Straylight	42.000	131	Gam Lup	2.8000	26000.	84	37201	No
170	GOM_NL__2PRFIN20090411_231042_000000372078_00073_37201_6600.N1	11-APR-2009 23:10:42	Bright	37.000	15	67Alp Vir	0.97600	28000.	74	37201	No
171	GOM_NL__2PRFIN20090411_231743_000000382078_00073_37201_6601.N1	11-APR-2009 23:17:43	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	37201	No
172	GOM_NL__2PRFIN20090411_232129_000000472078_00073_37201_6602.N1	11-APR-2009 23:21:29	Bright	47.000	111	8Eta Boo	2.6800	6000.0	94	37201	No
173	GOM_NL__2PRFIN20090411_233028_000000402078_00073_37201_6603.N1	11-APR-2009 23:30:28	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	37201	No
174	GOM_NL__2PRFIN20090411_233908_000000422078_00073_37201_6604.N1	11-APR-2009 23:39:08	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37201	No
175	GOM_NL__2PRFIN20090411_235158_000000262078_00073_37201_6605.N1	11-APR-2009 23:51:58	Twilight	26.000	144	18Del Cyg	2.8600	11000.	52	37201	No
176	GOM_NL__2PRFIN20090411_235642_000000352078_00073_37201_6606.N1	11-APR-2009 23:56:42	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	37201	No

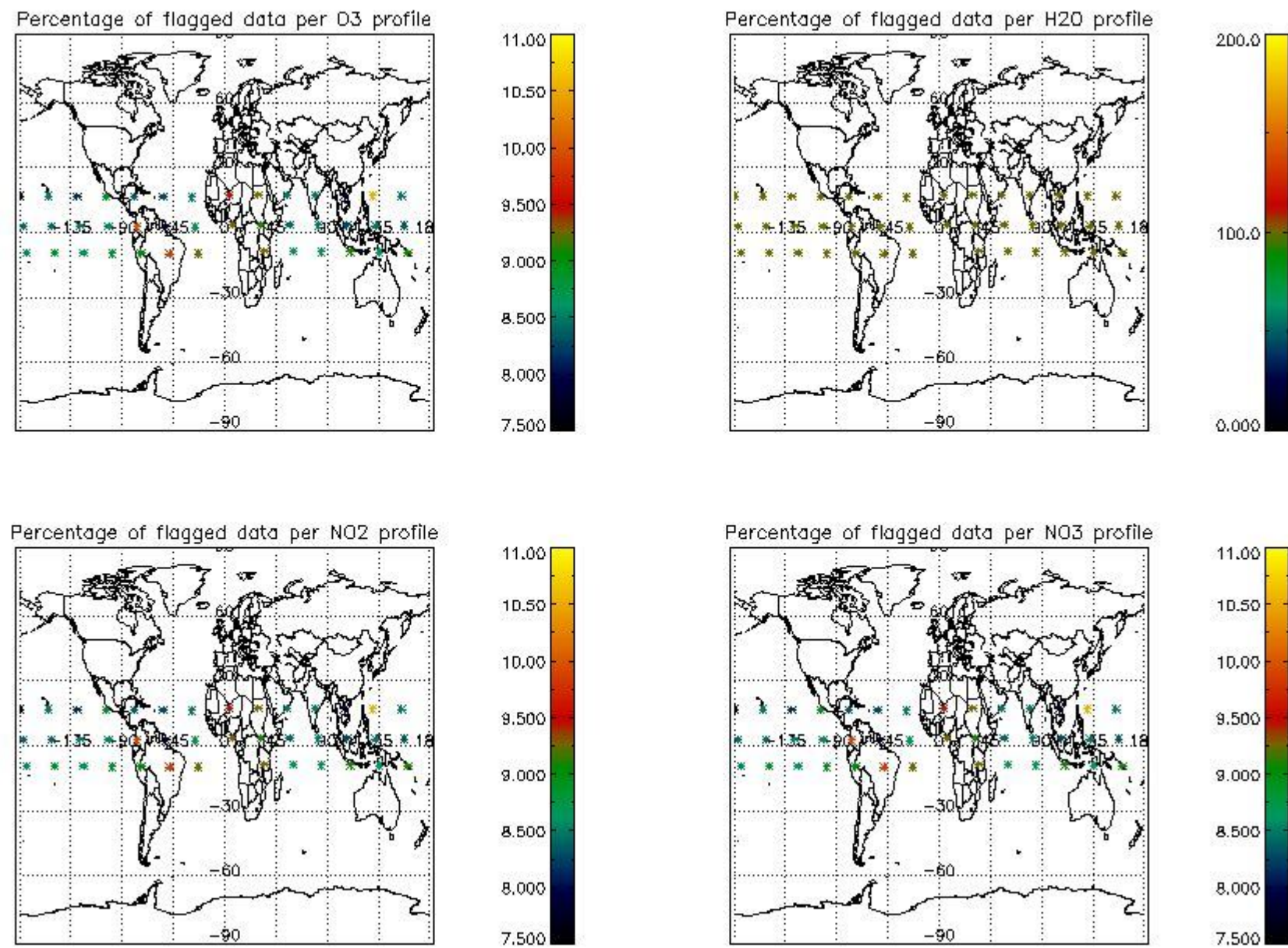
3. Quality information per product

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)

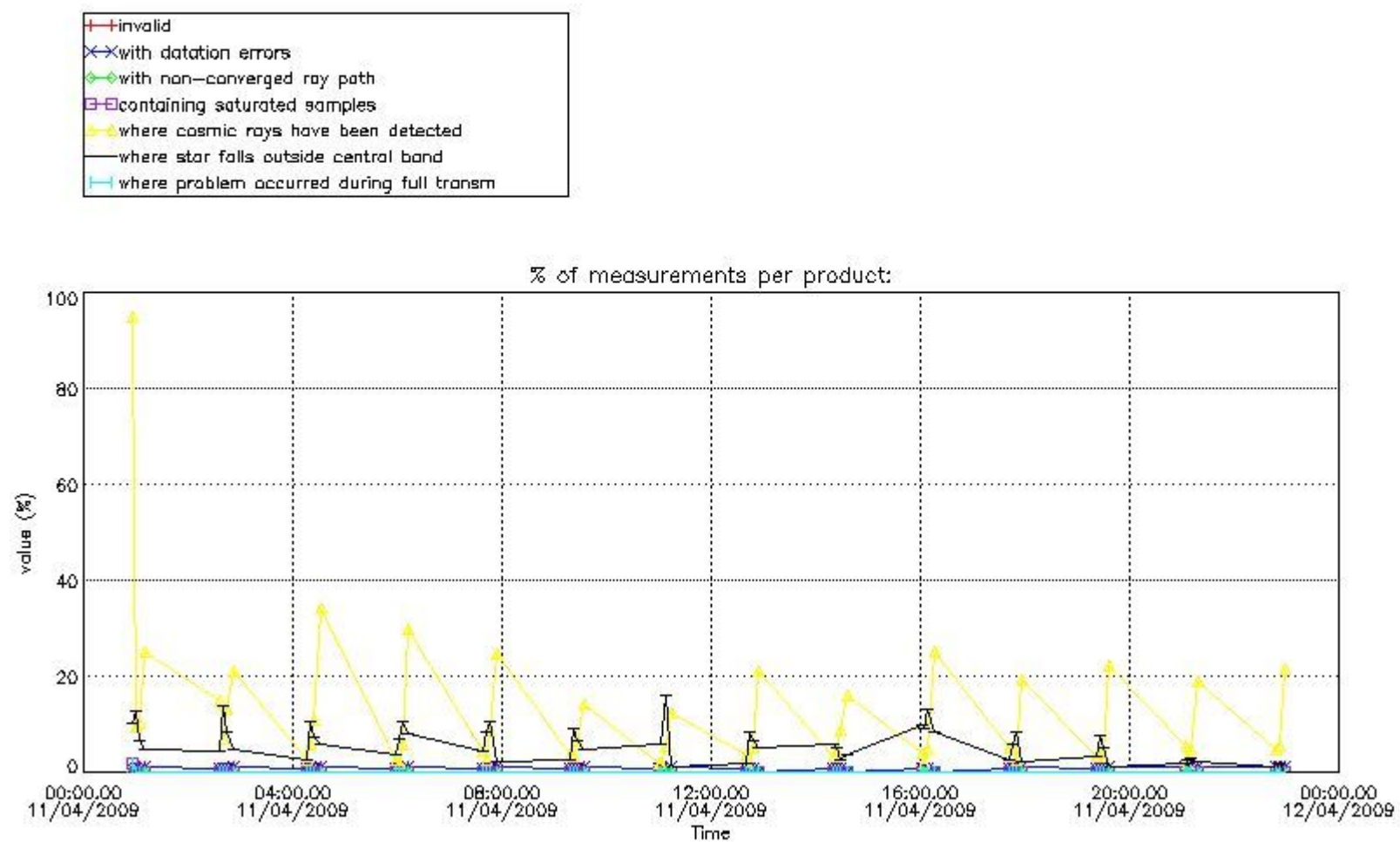


4. Level 1 quality information per product

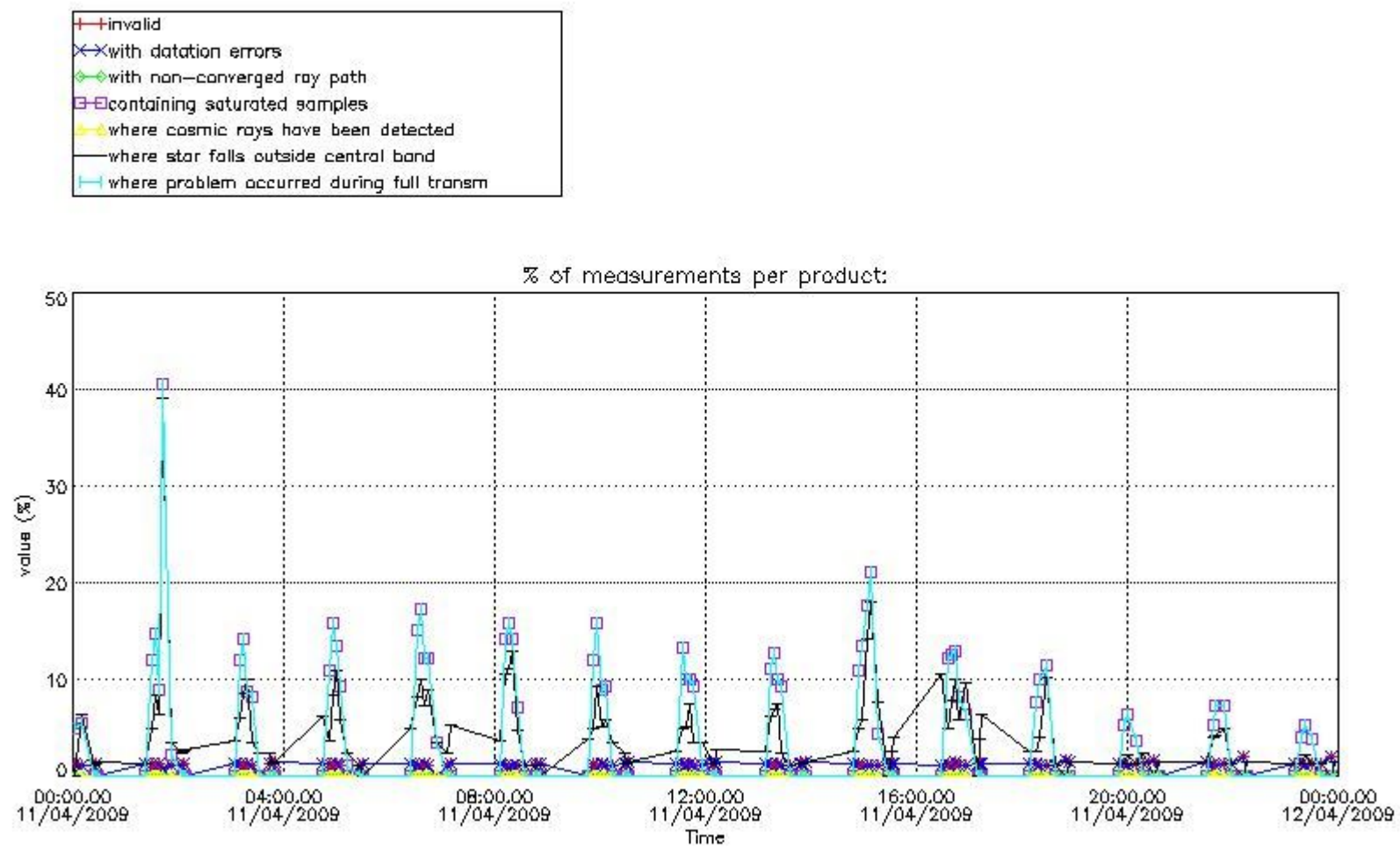
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



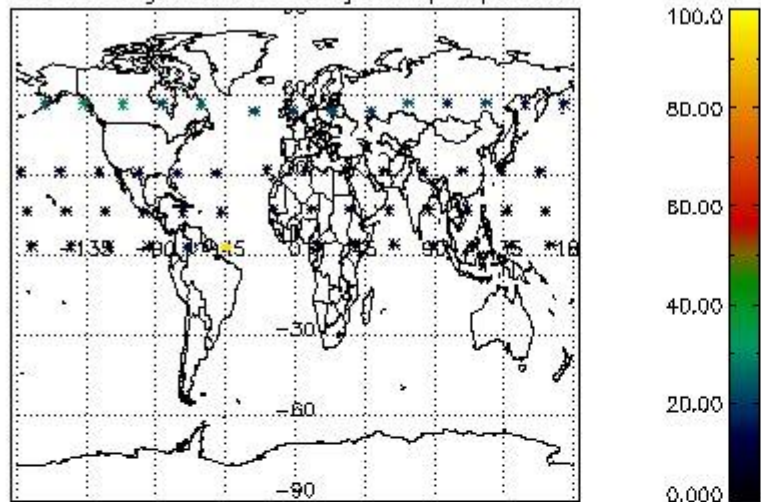
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



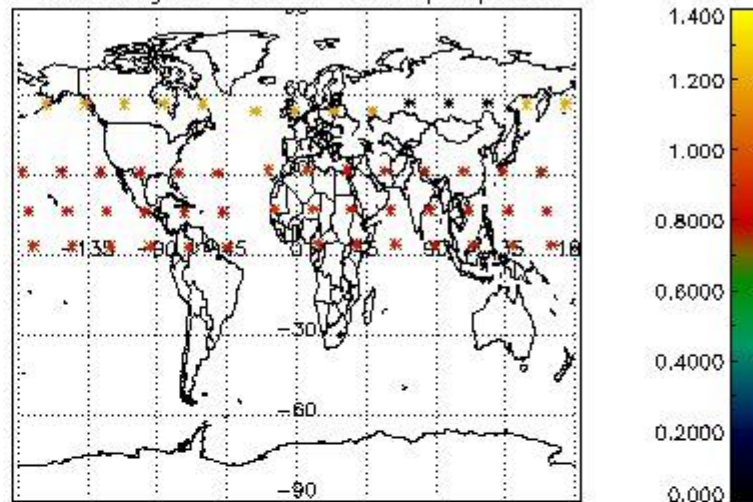
4.2 Plot quality information per product coming from level 1b processing (world map)

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

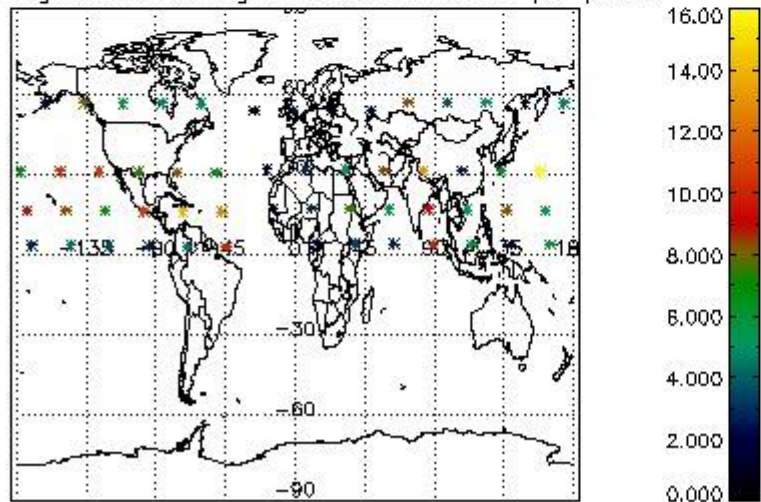
Percentage of cosmic ray hits per profile



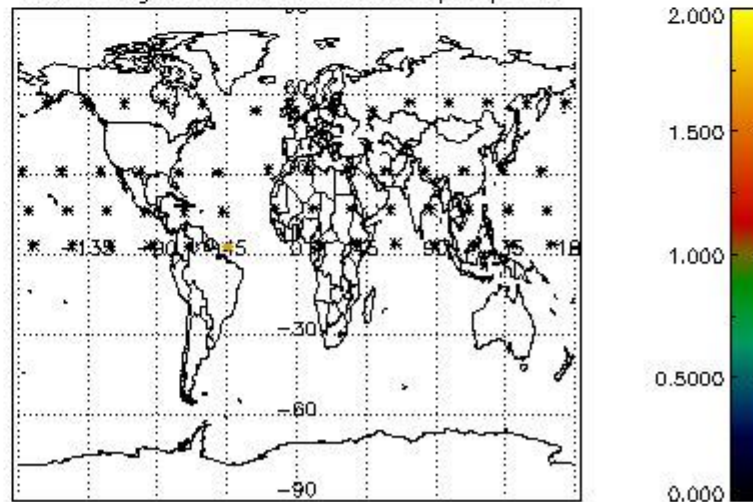
Percentage of datation errors per profile



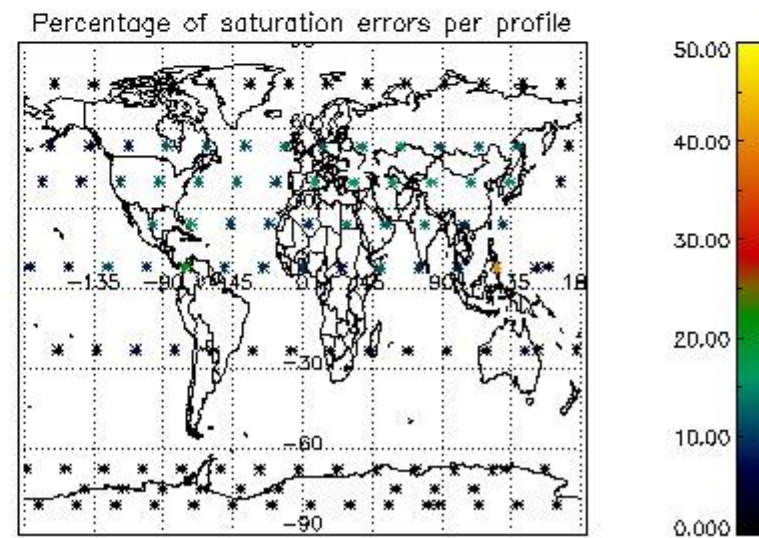
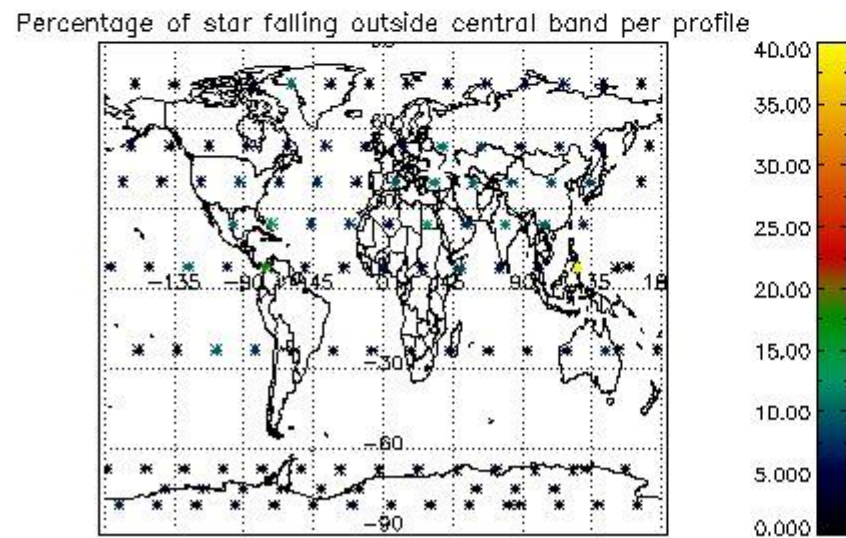
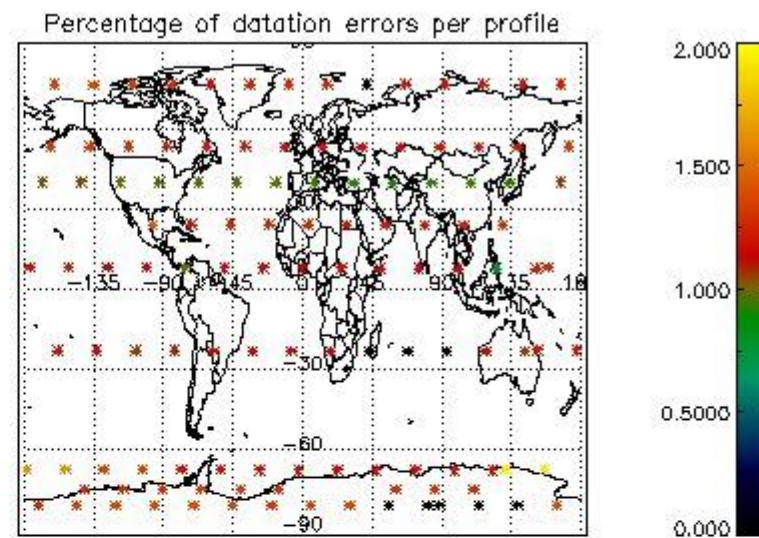
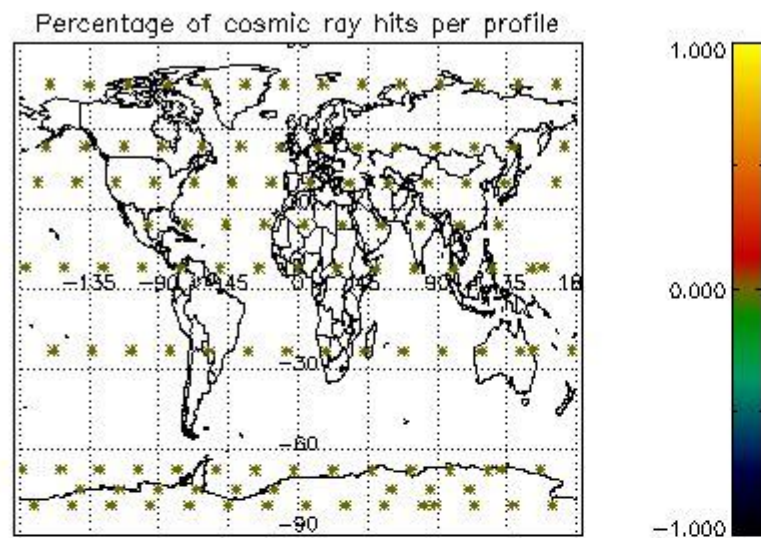
Percentage of star falling outside central band per profile



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

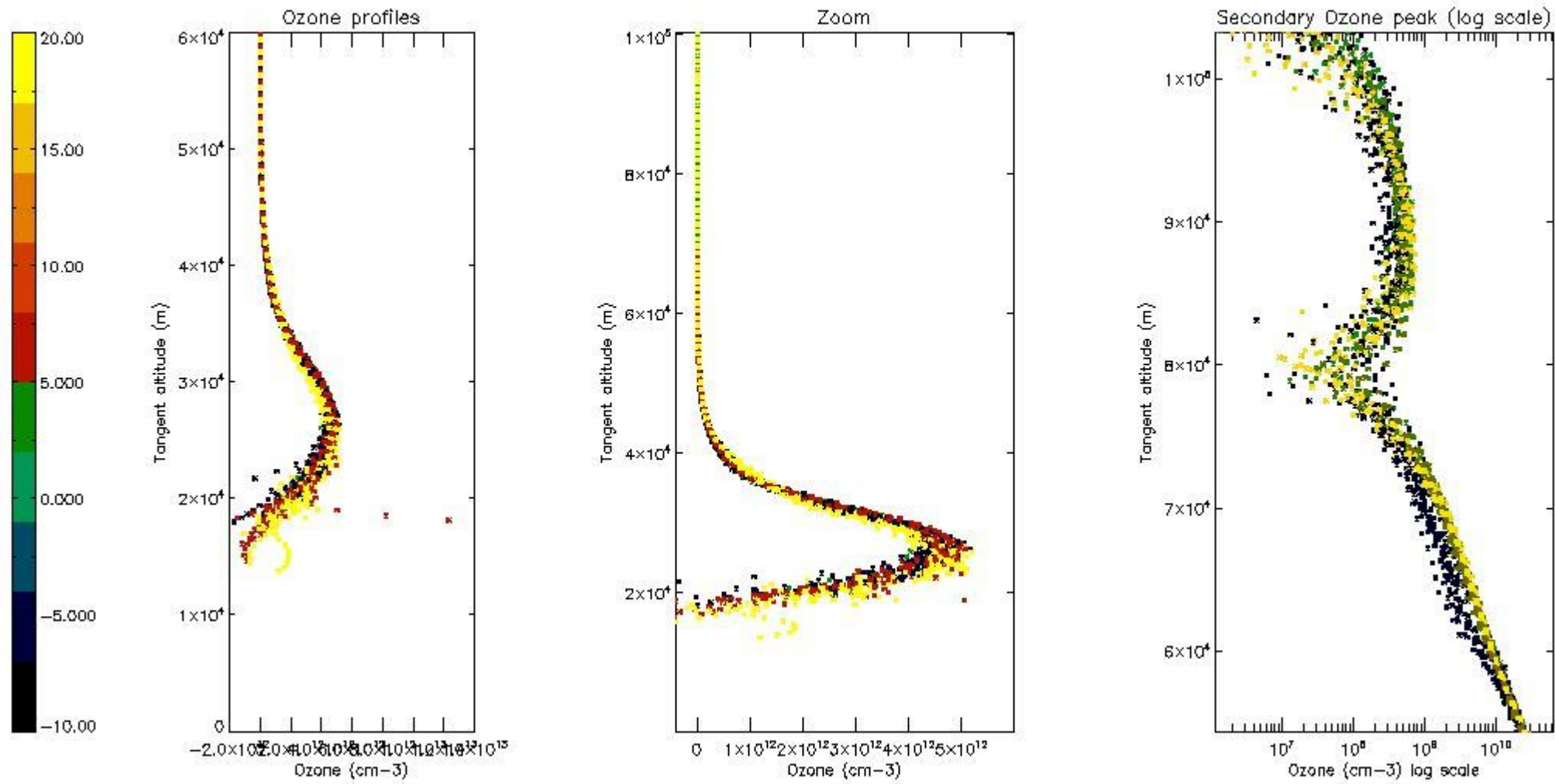
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	31
STD < 20	20

STD < 10	17
STD < 5	13

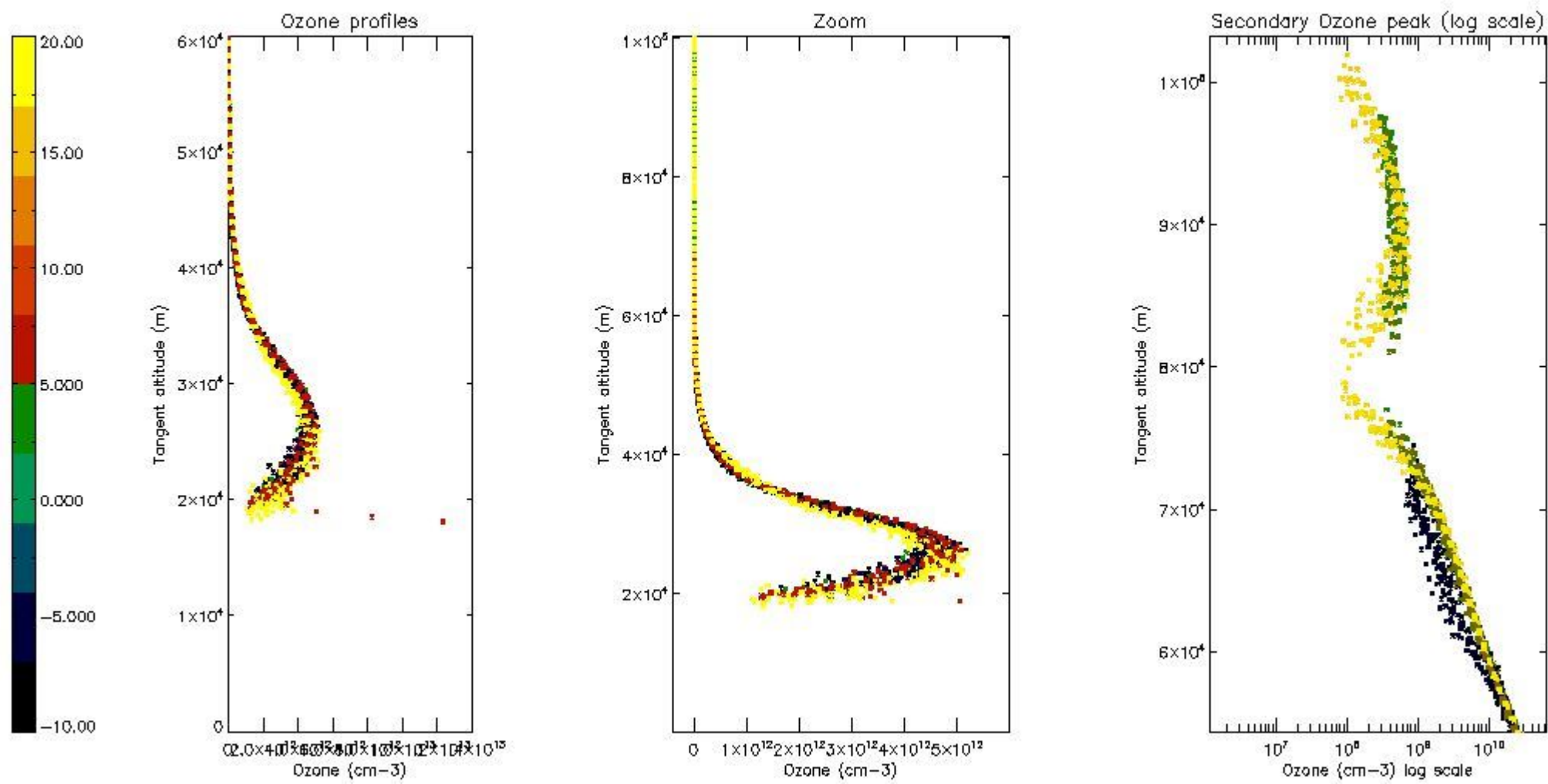
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



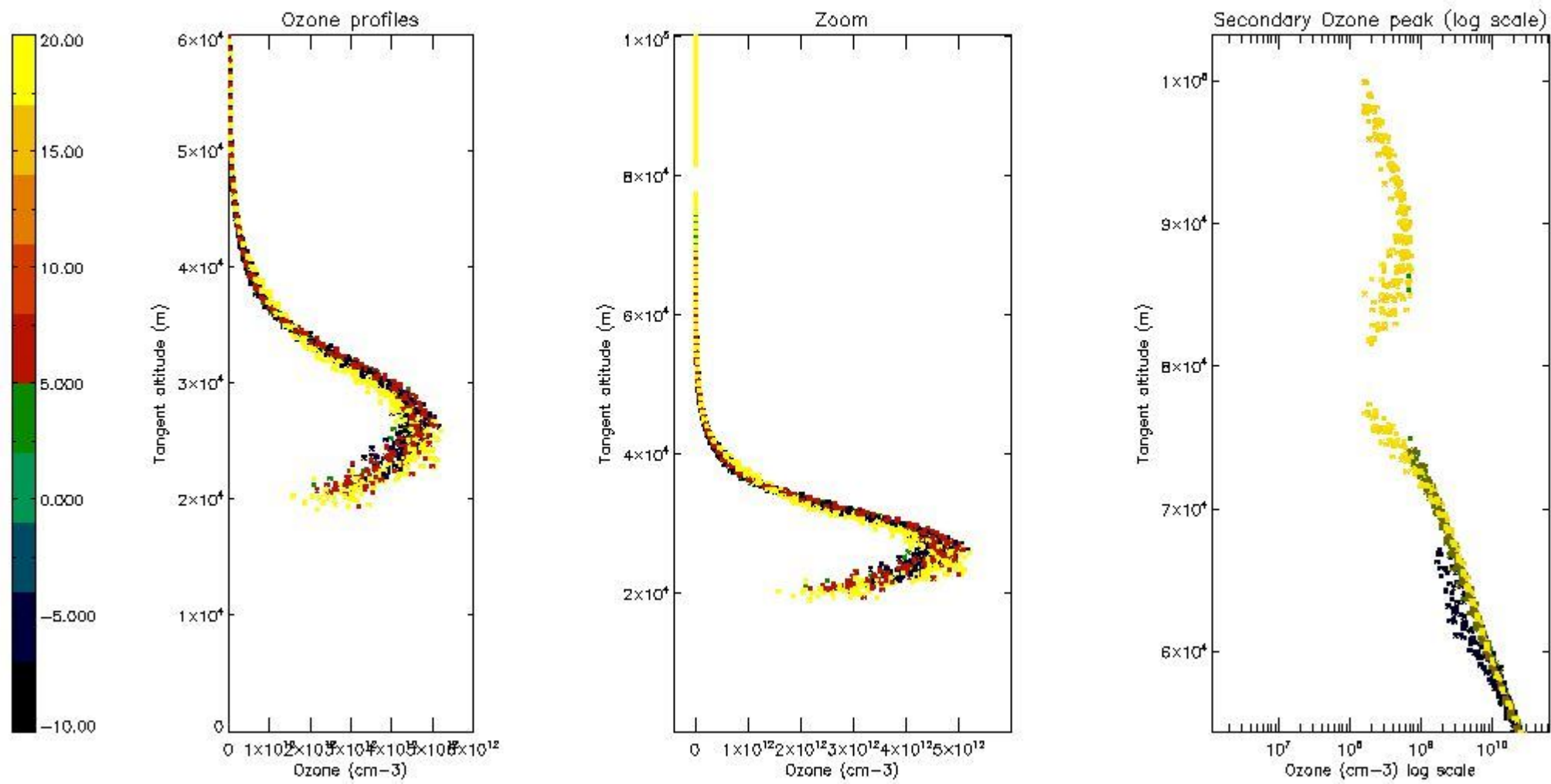
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



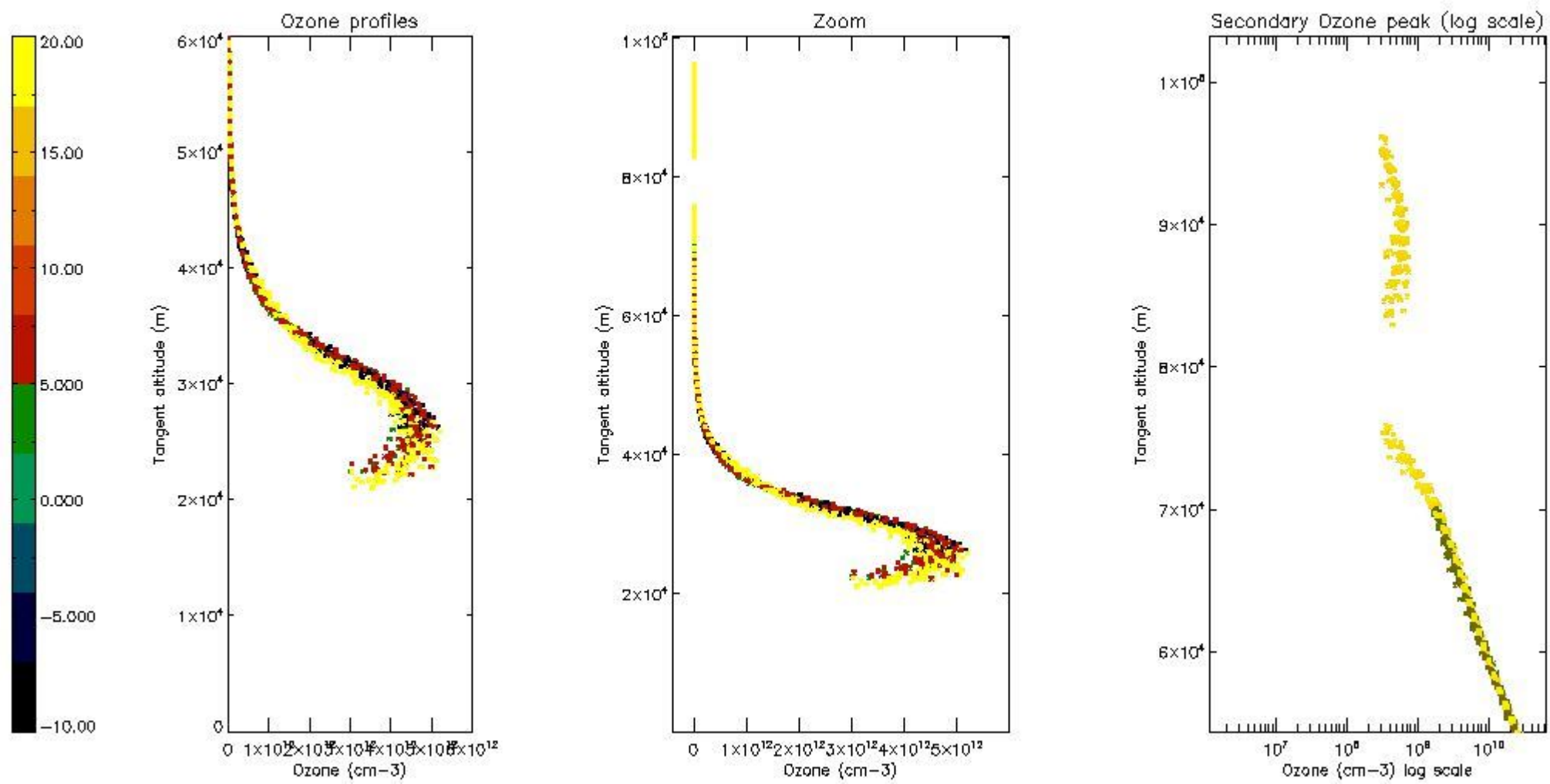
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



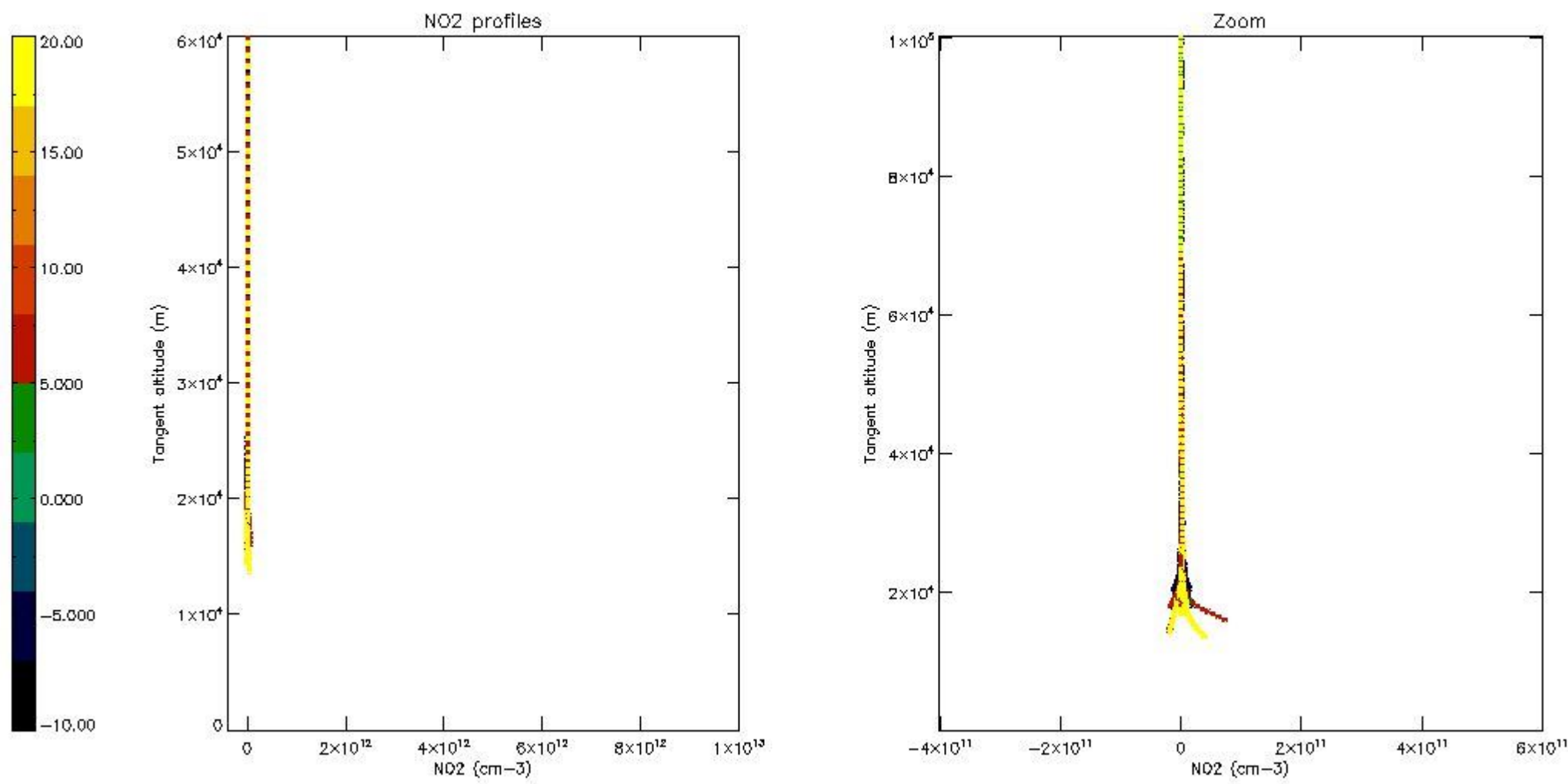
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



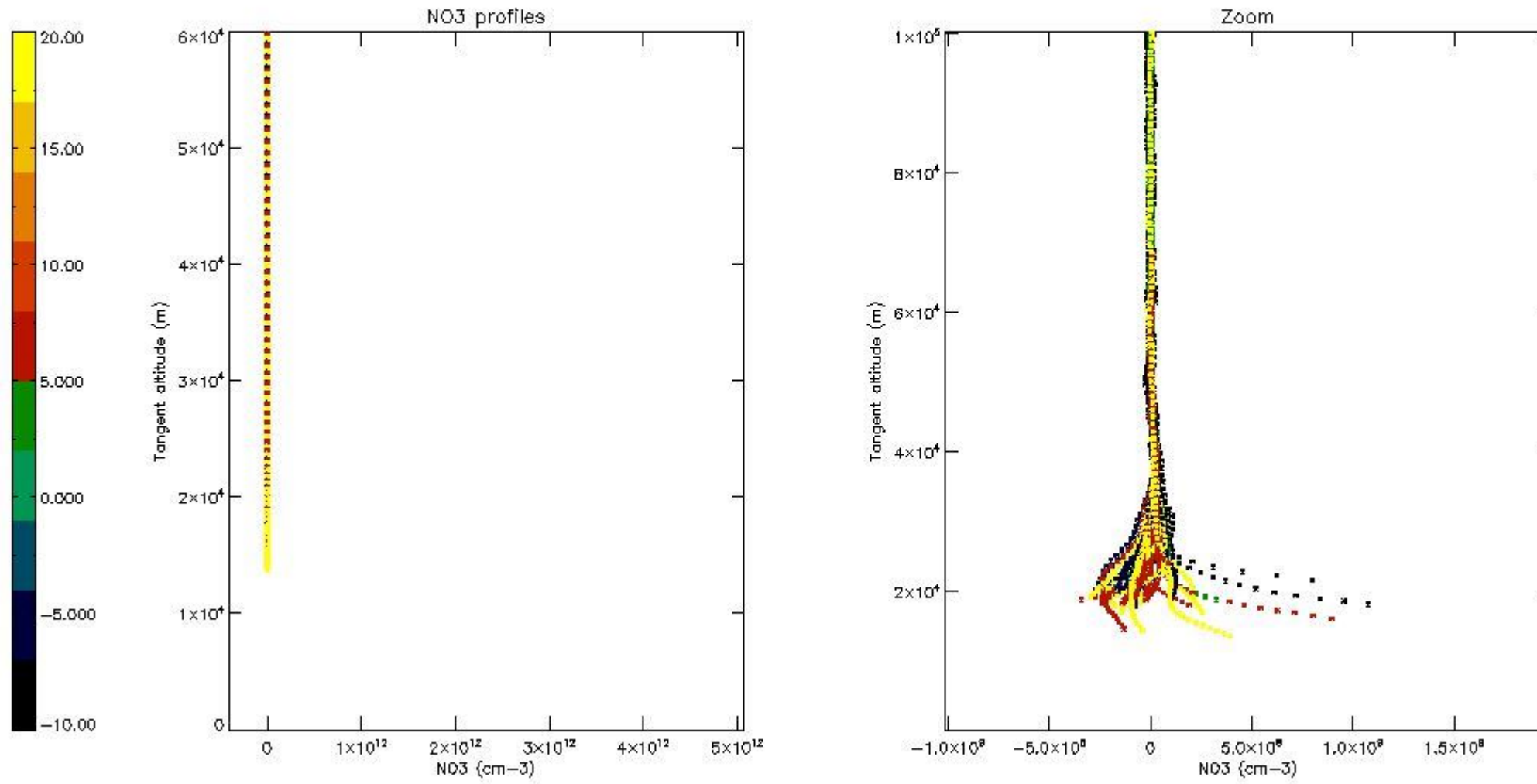
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

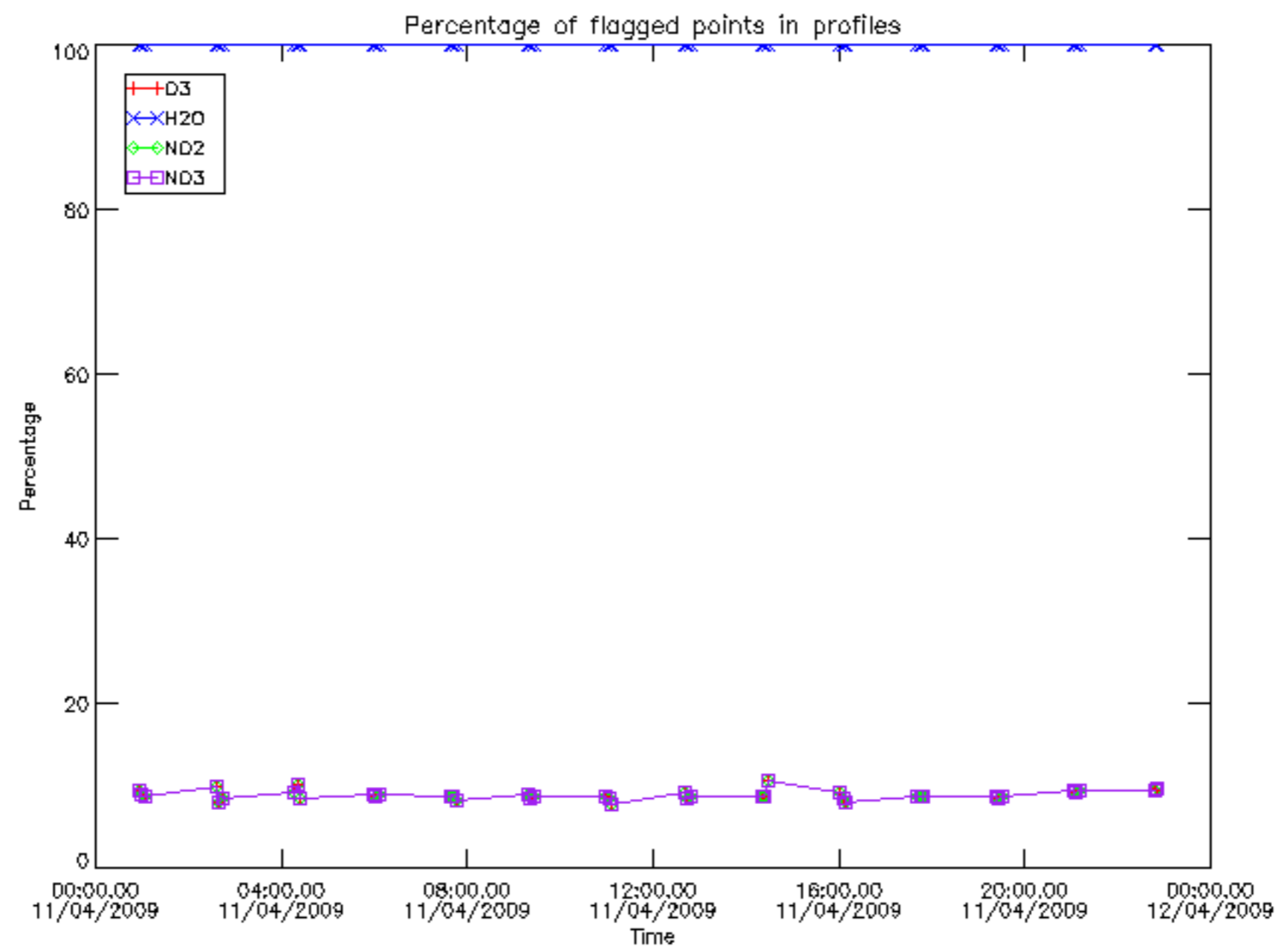
The colorbar represents the latitude.



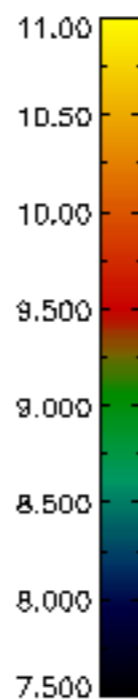
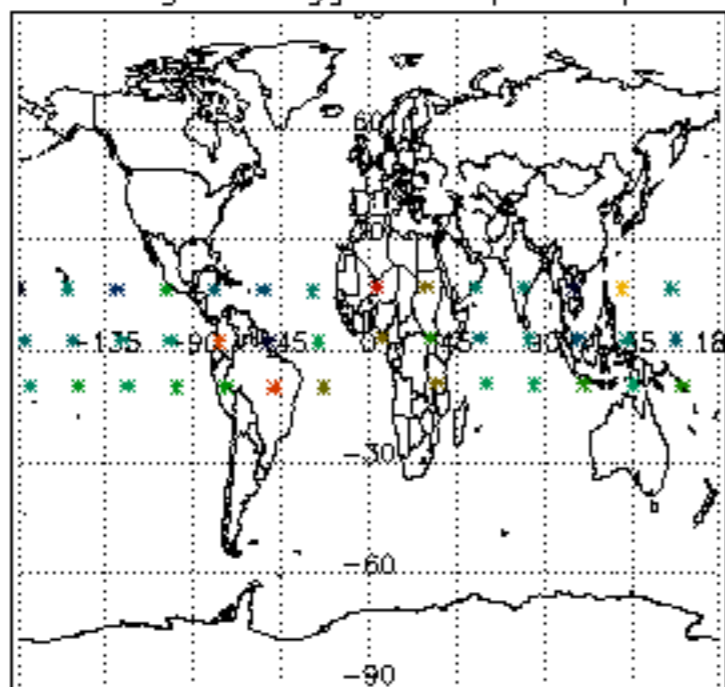
6. Auxiliary Data Files used for the production reported in section 2

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.

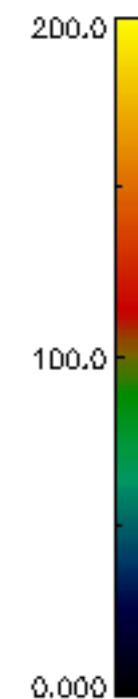
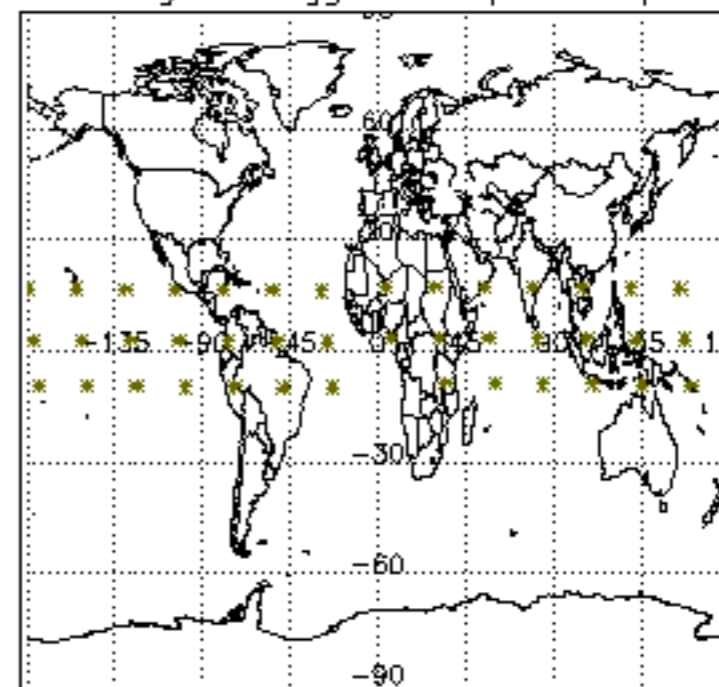
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	11-APR-2009 00:02:13
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-APR-2009 00:02:13
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-APR-2009 00:02:13



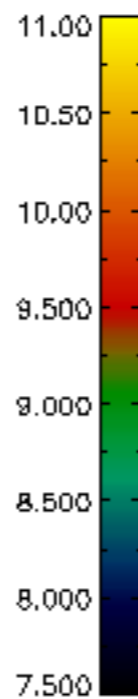
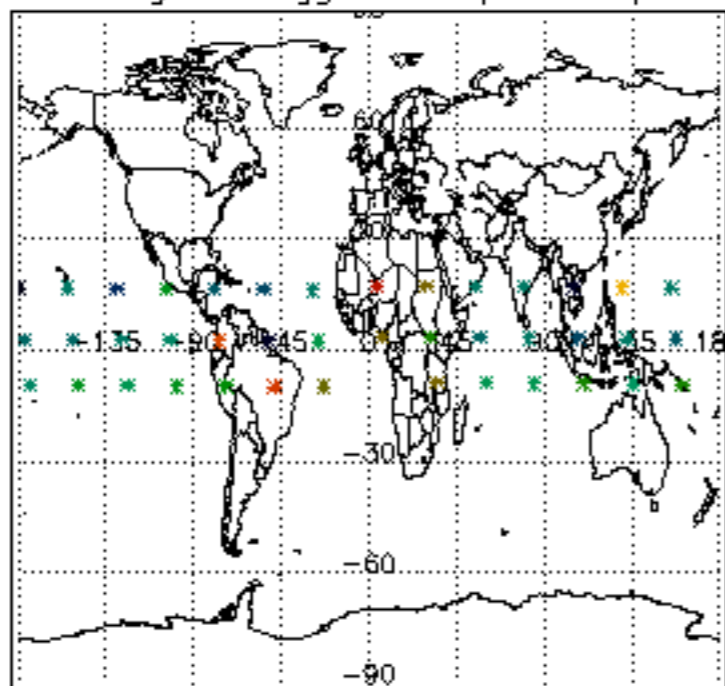
Percentage of flagged data per D3 profile



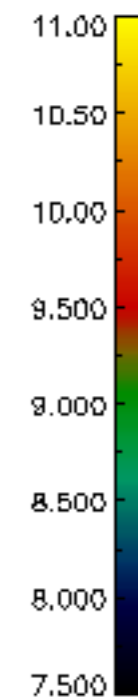
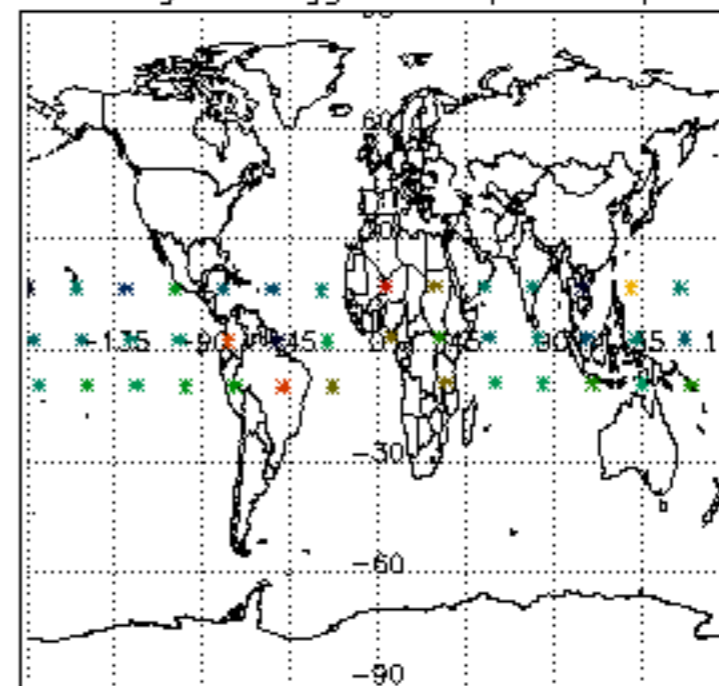
Percentage of flagged data per H2O profile

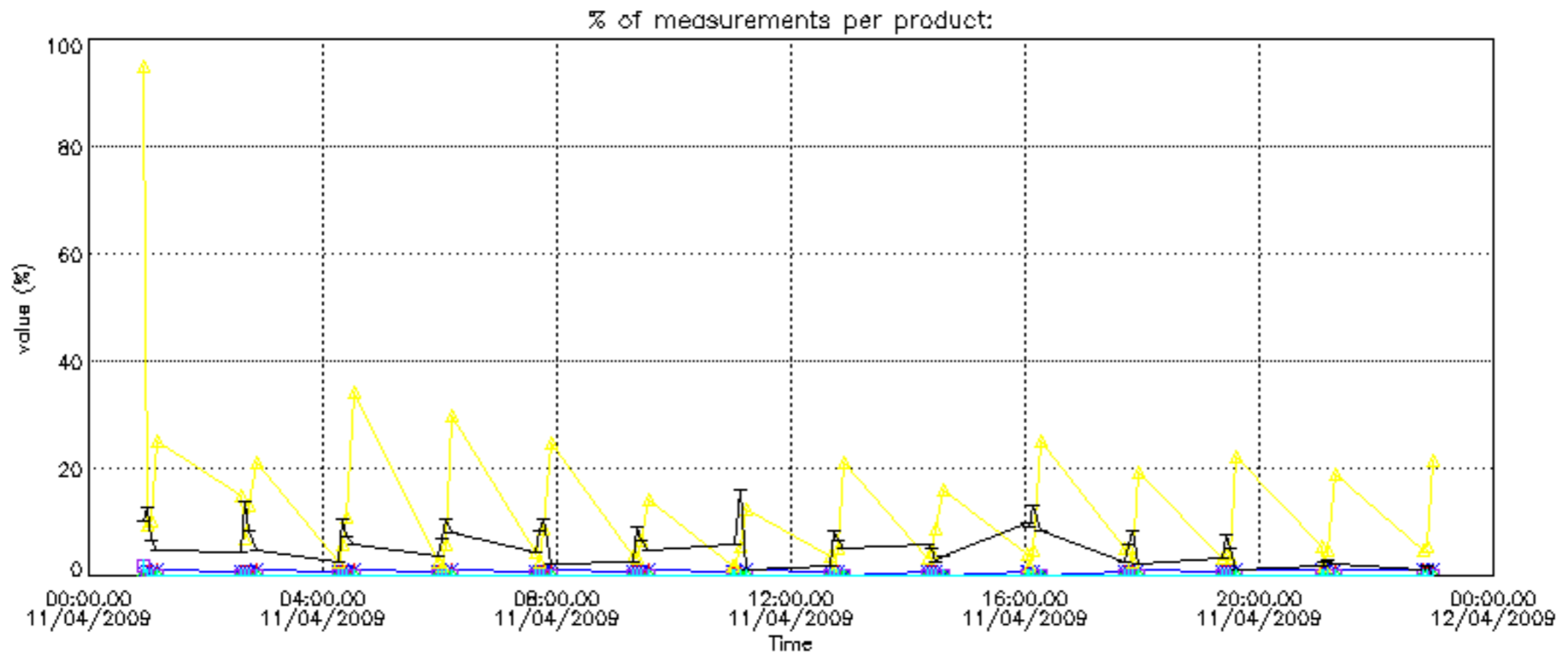


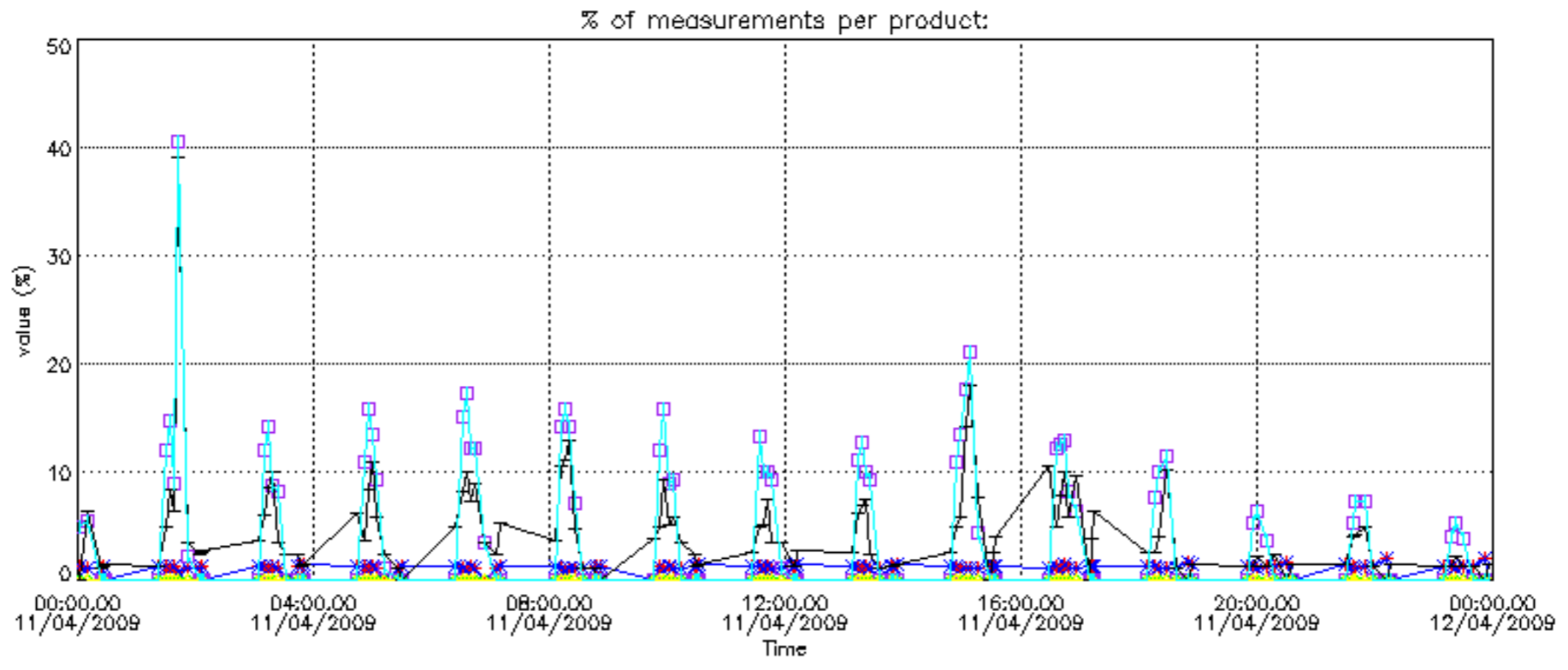
Percentage of flagged data per NO2 profile



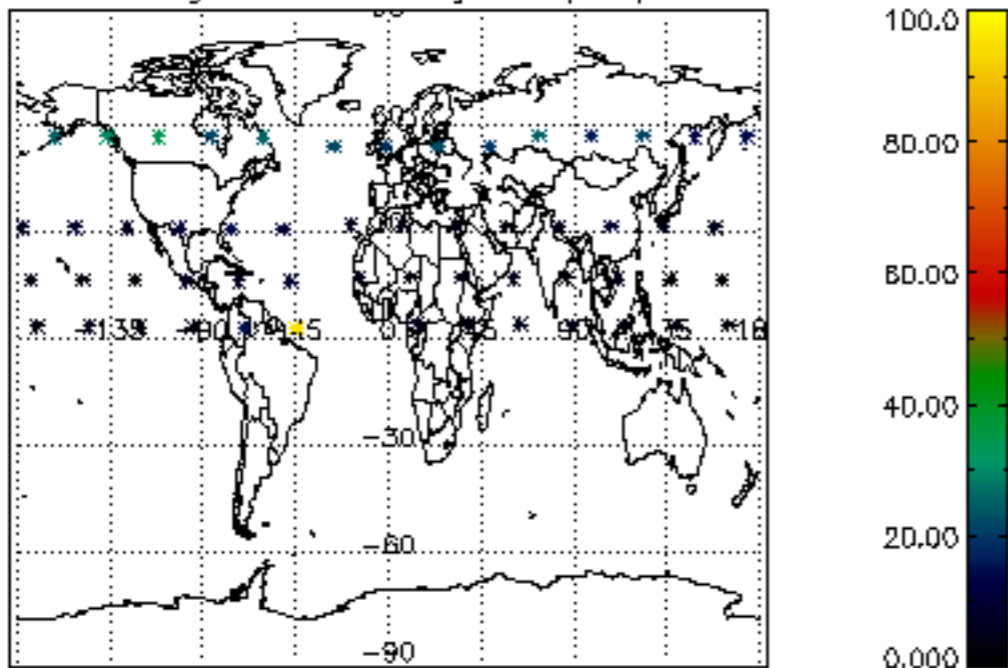
Percentage of flagged data per NO3 profile



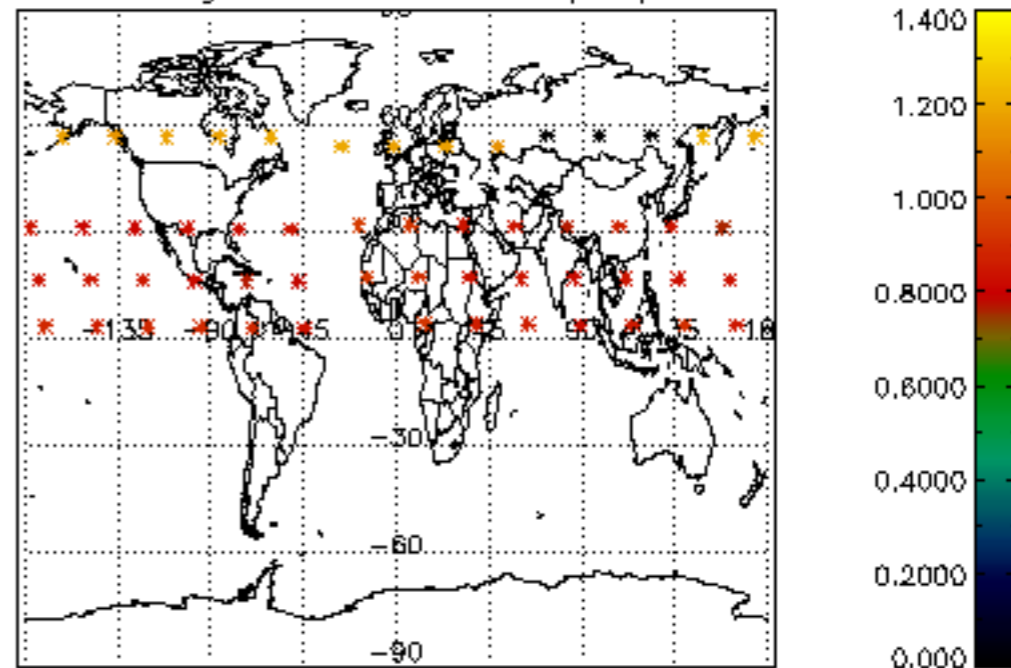




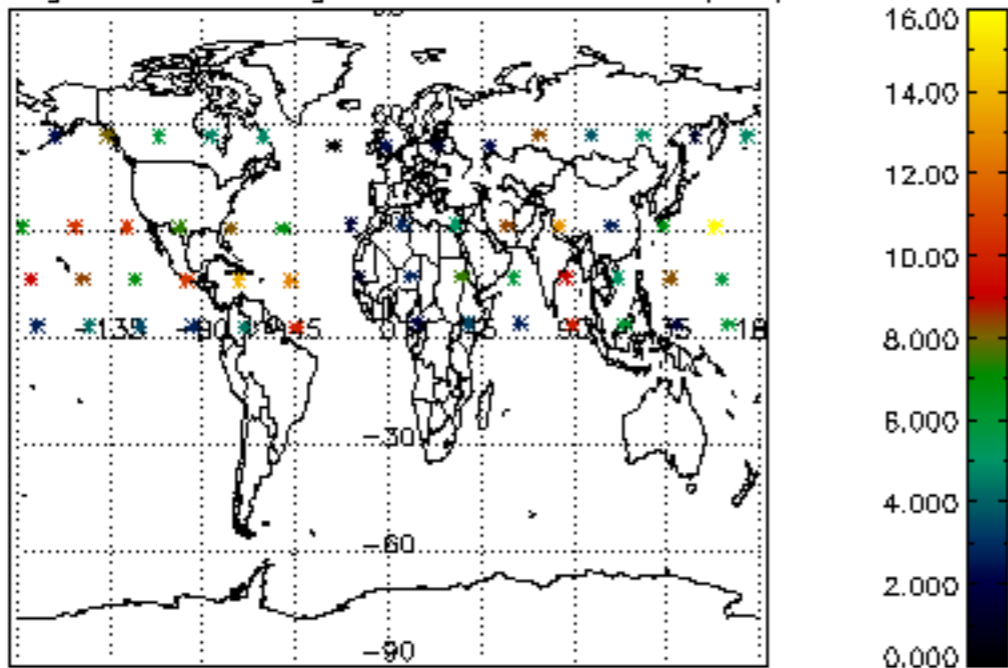
Percentage of cosmic ray hits per profile



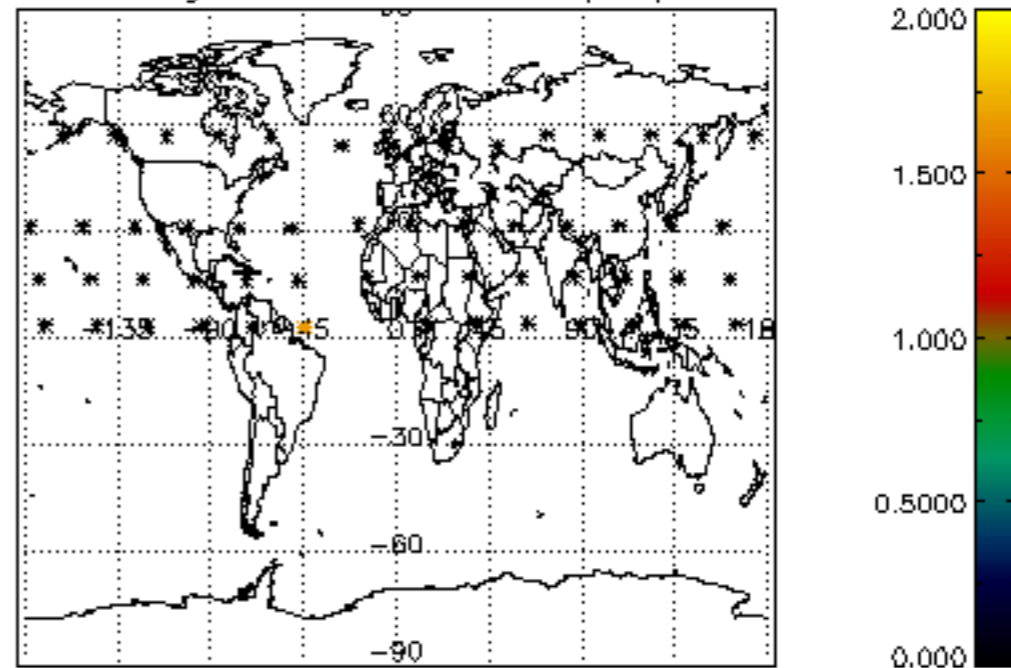
Percentage of datation errors per profile



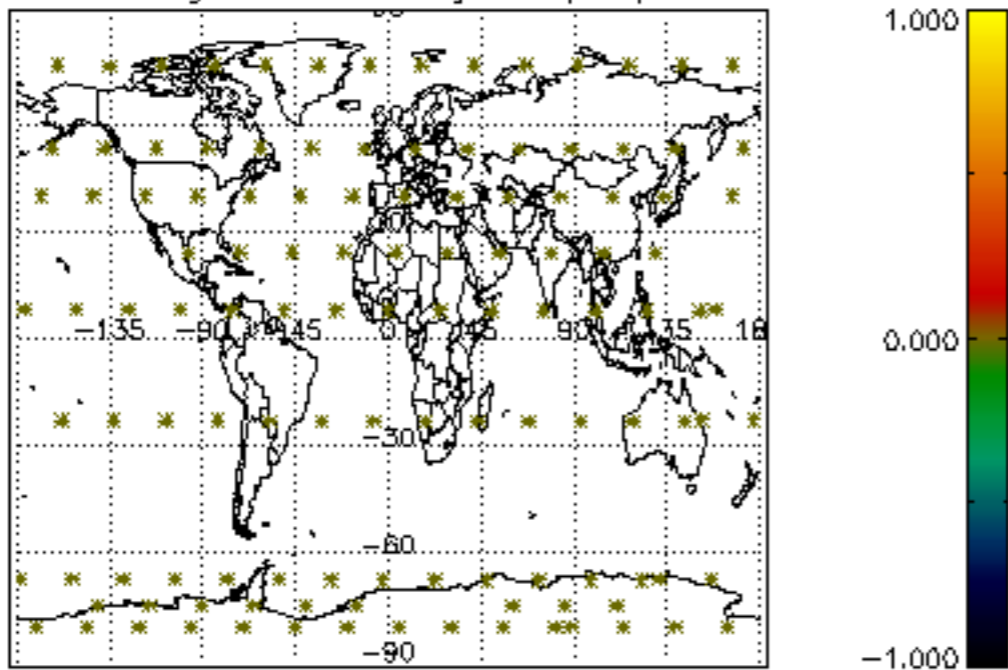
Percentage of star falling outside central band per profile



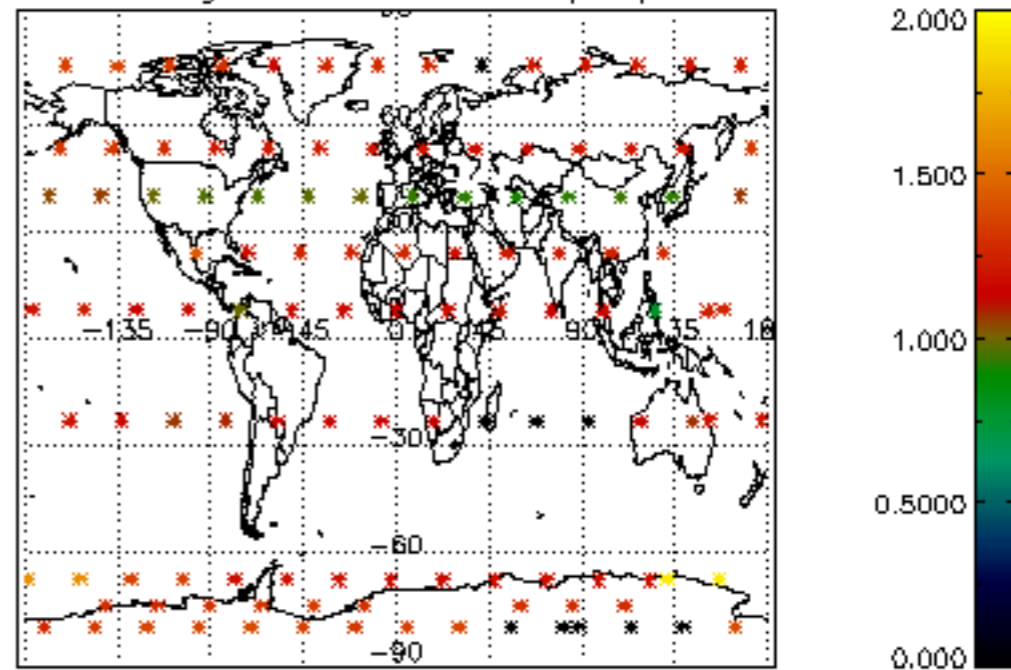
Percentage of saturation errors per profile



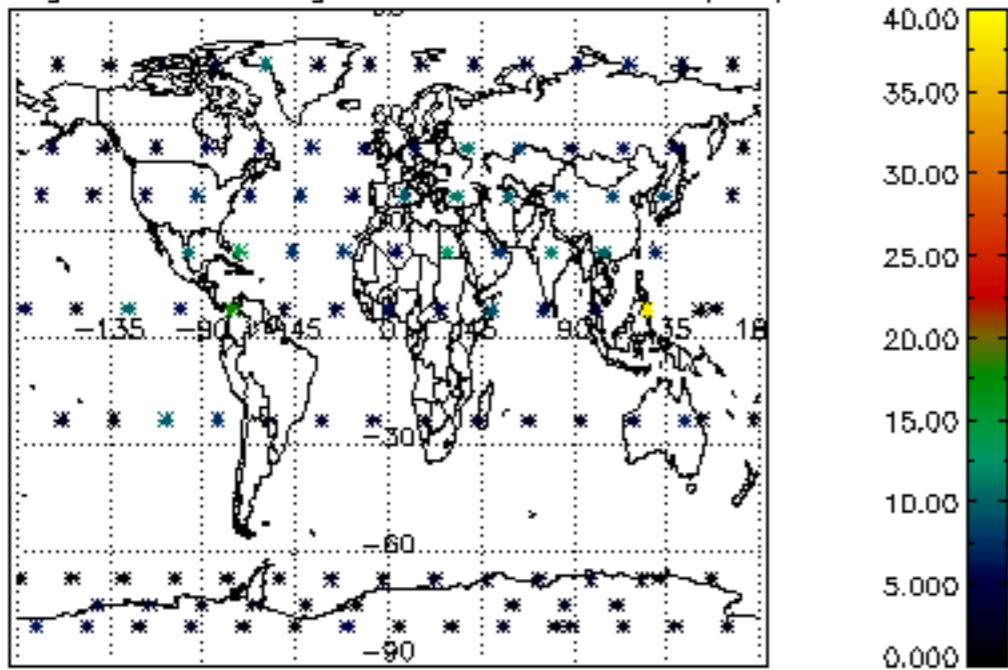
Percentage of cosmic ray hits per profile



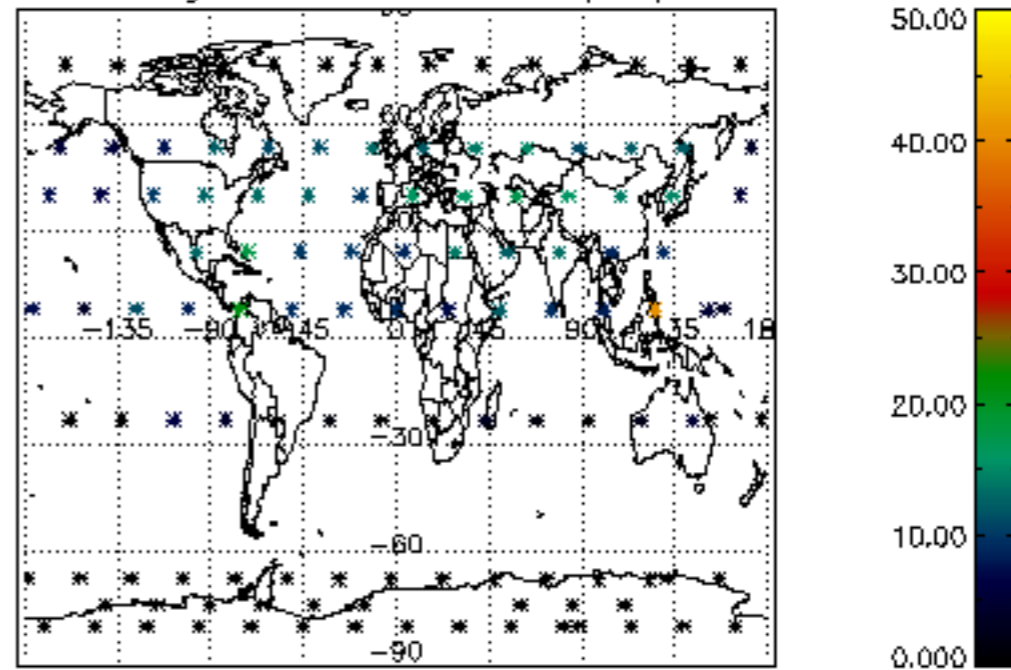
Percentage of datation errors per profile

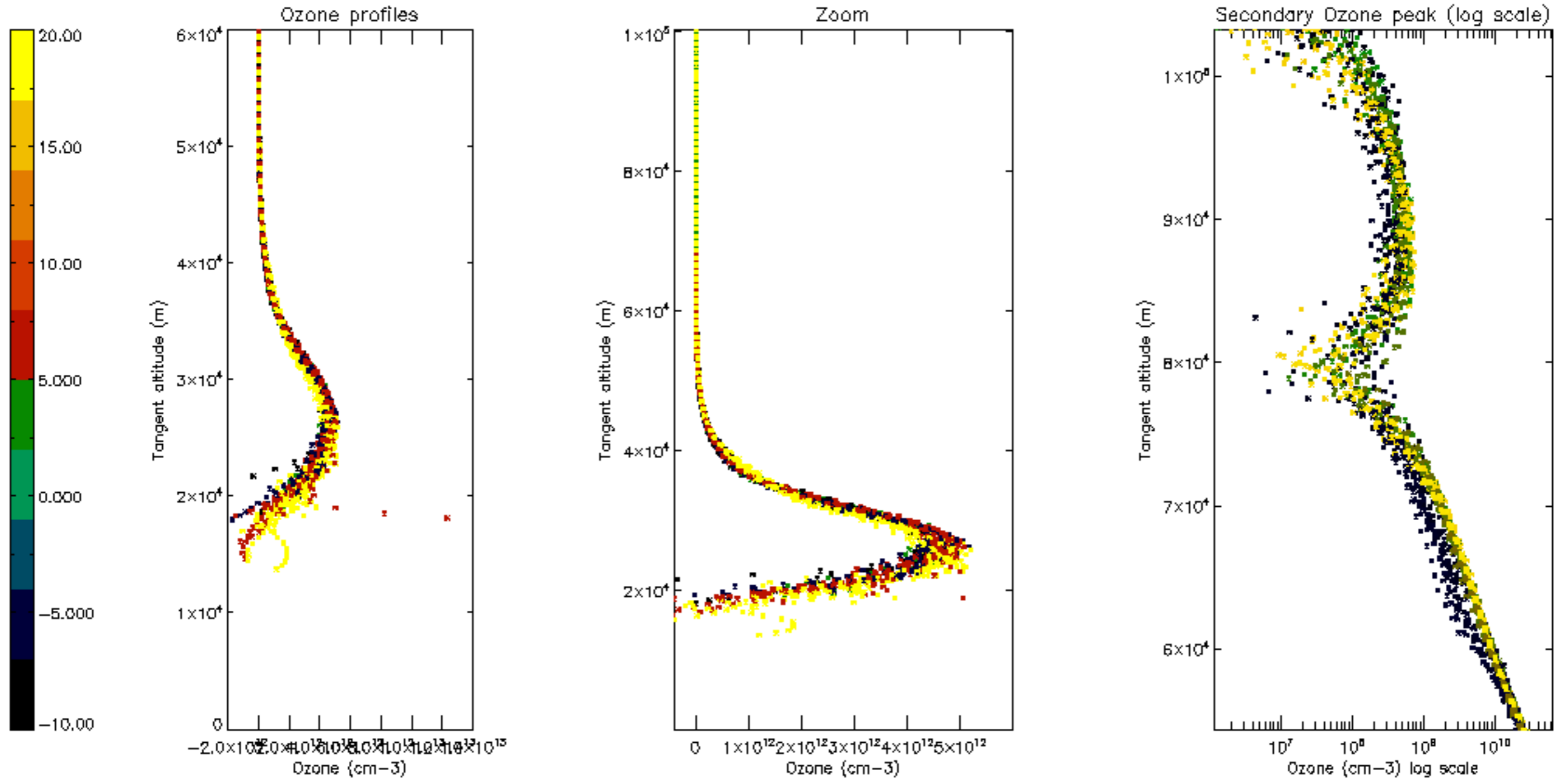


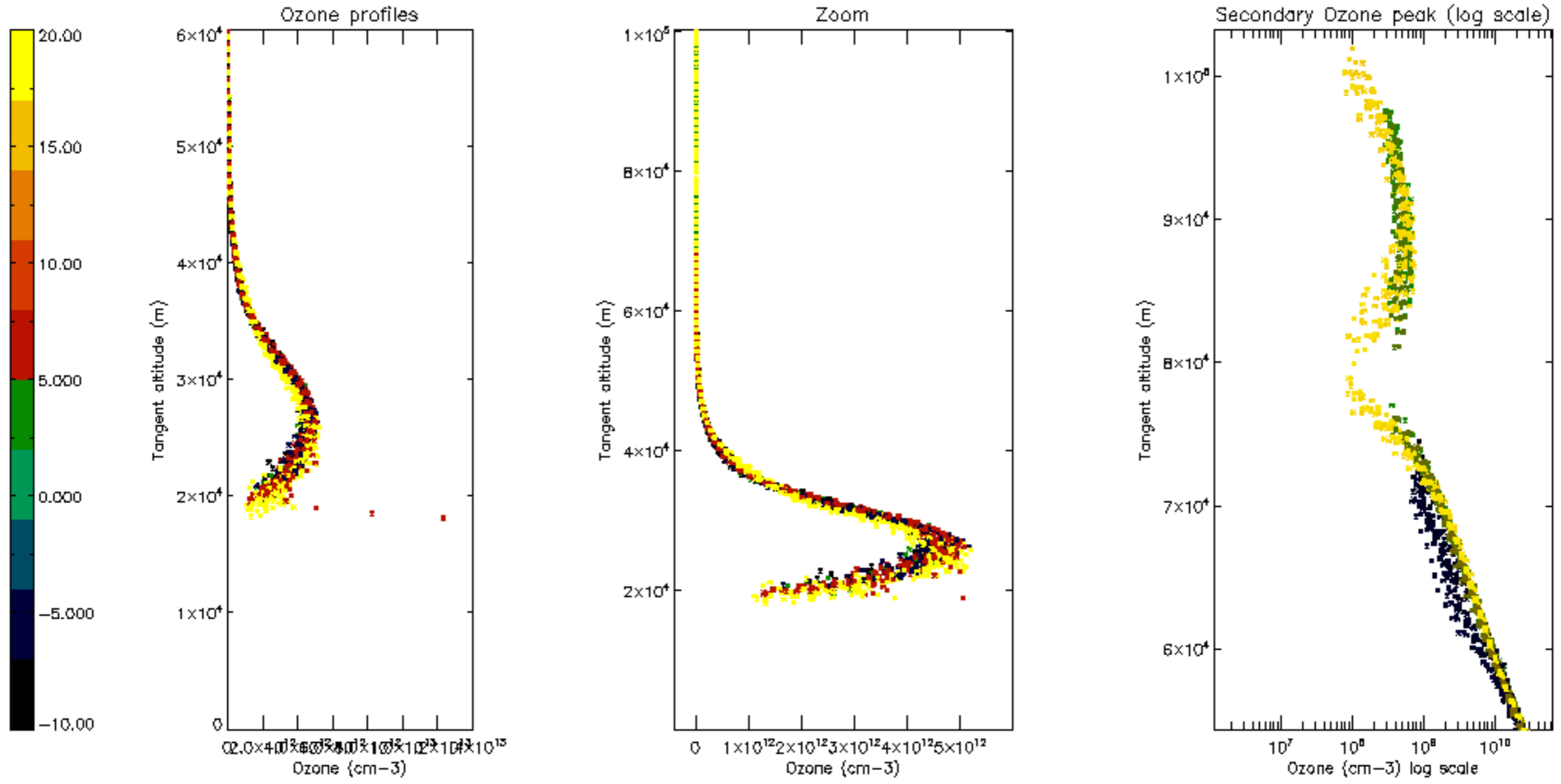
Percentage of star falling outside central band per profile

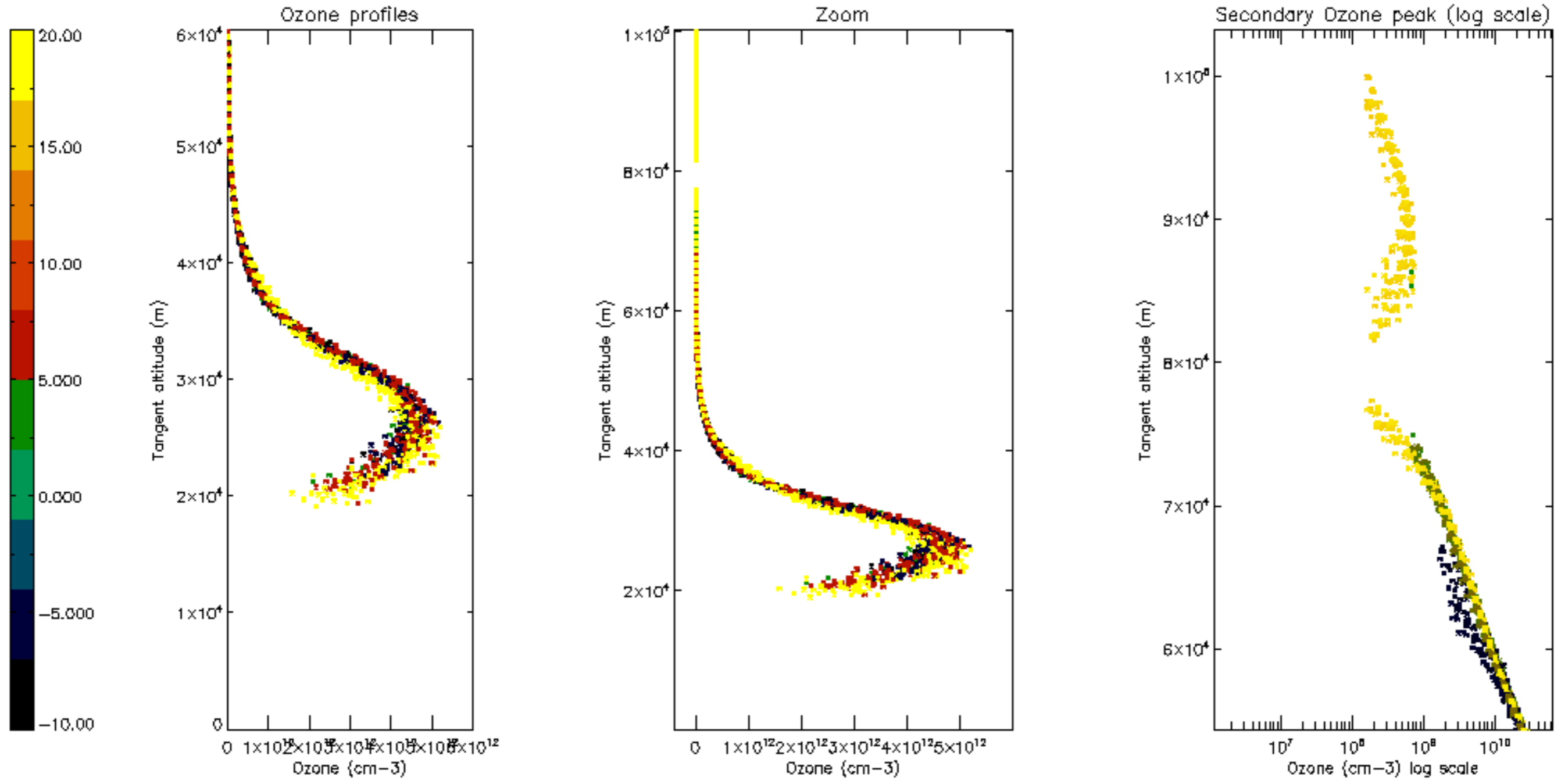


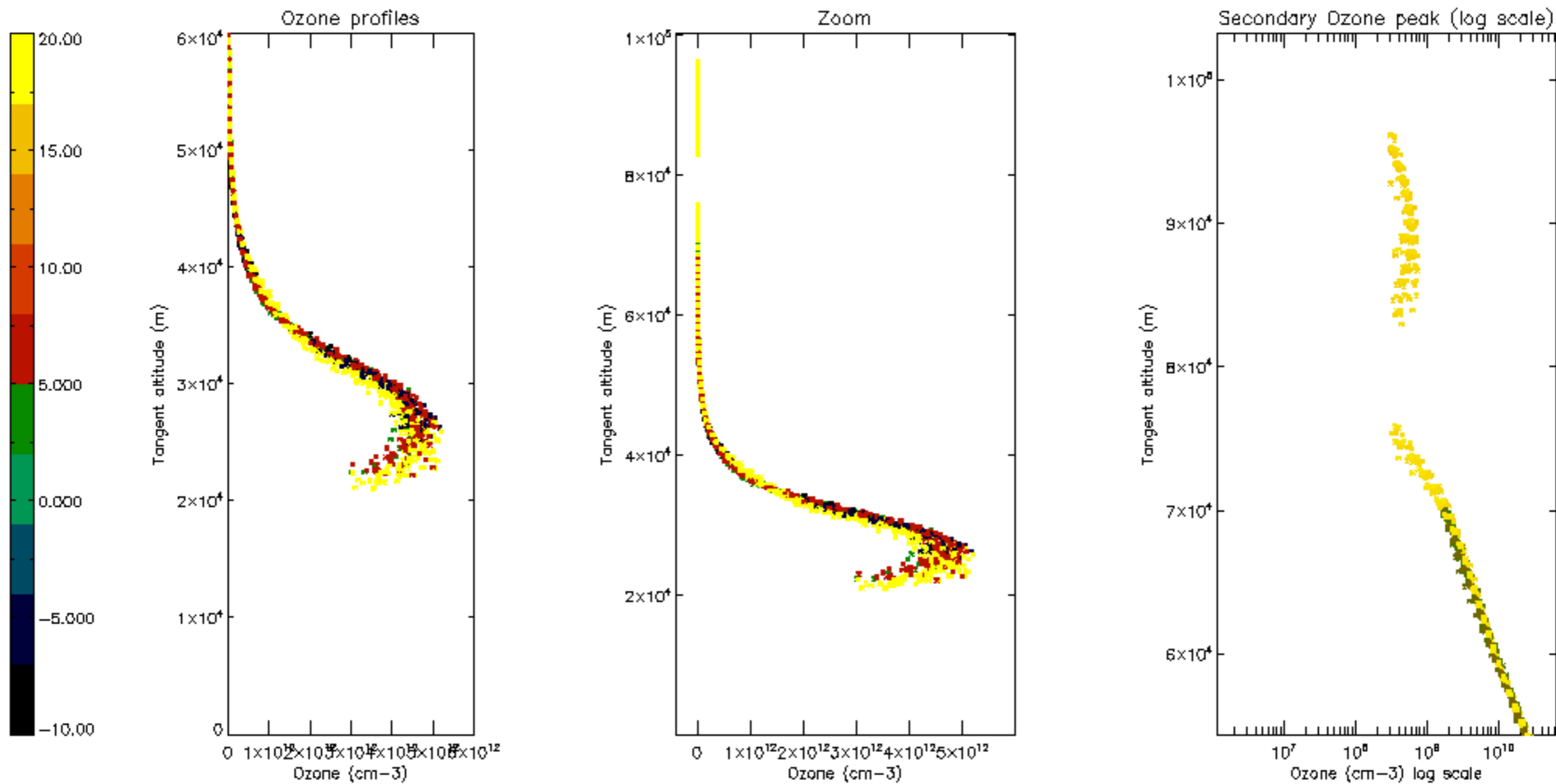
Percentage of saturation errors per profile

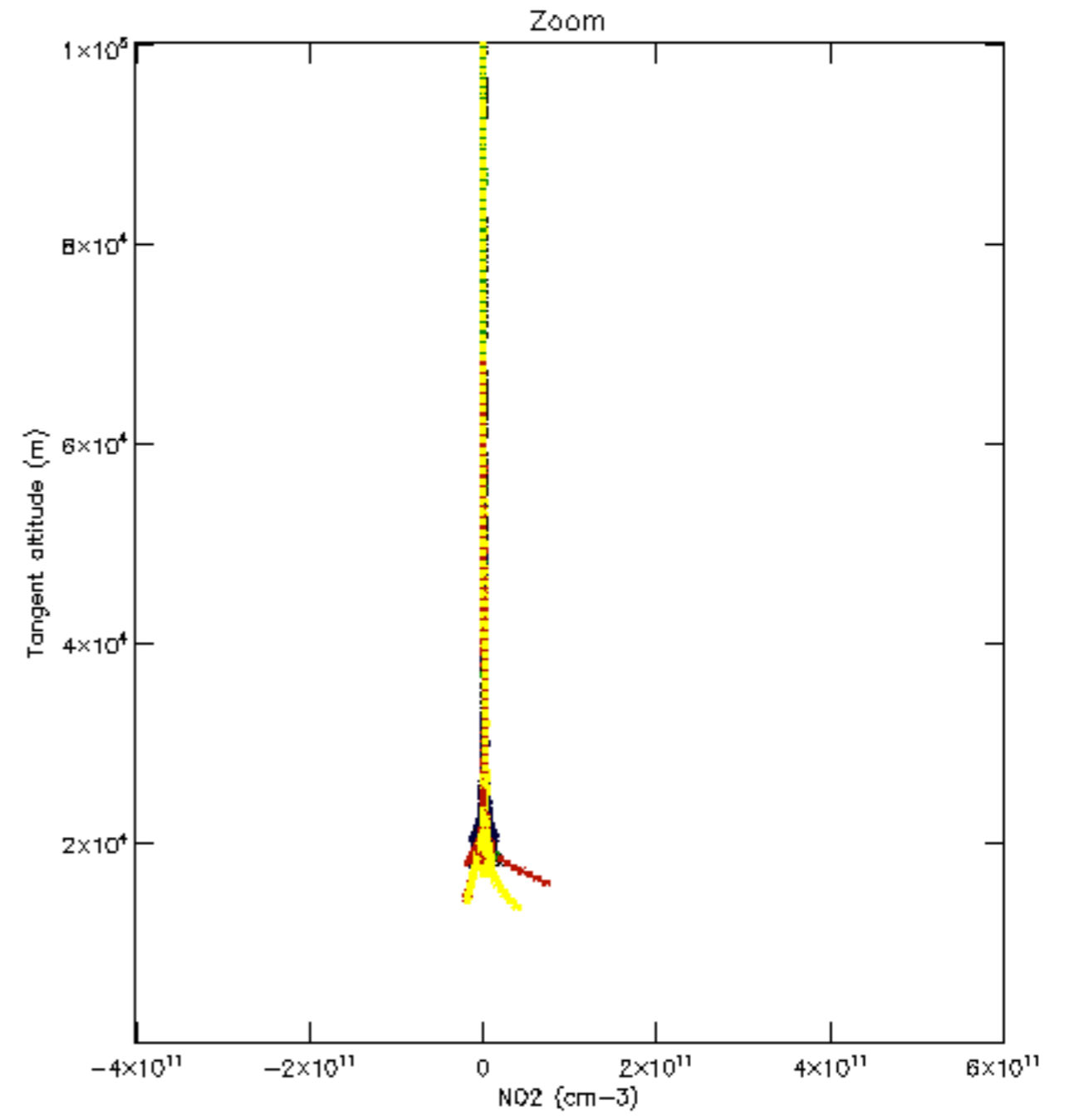
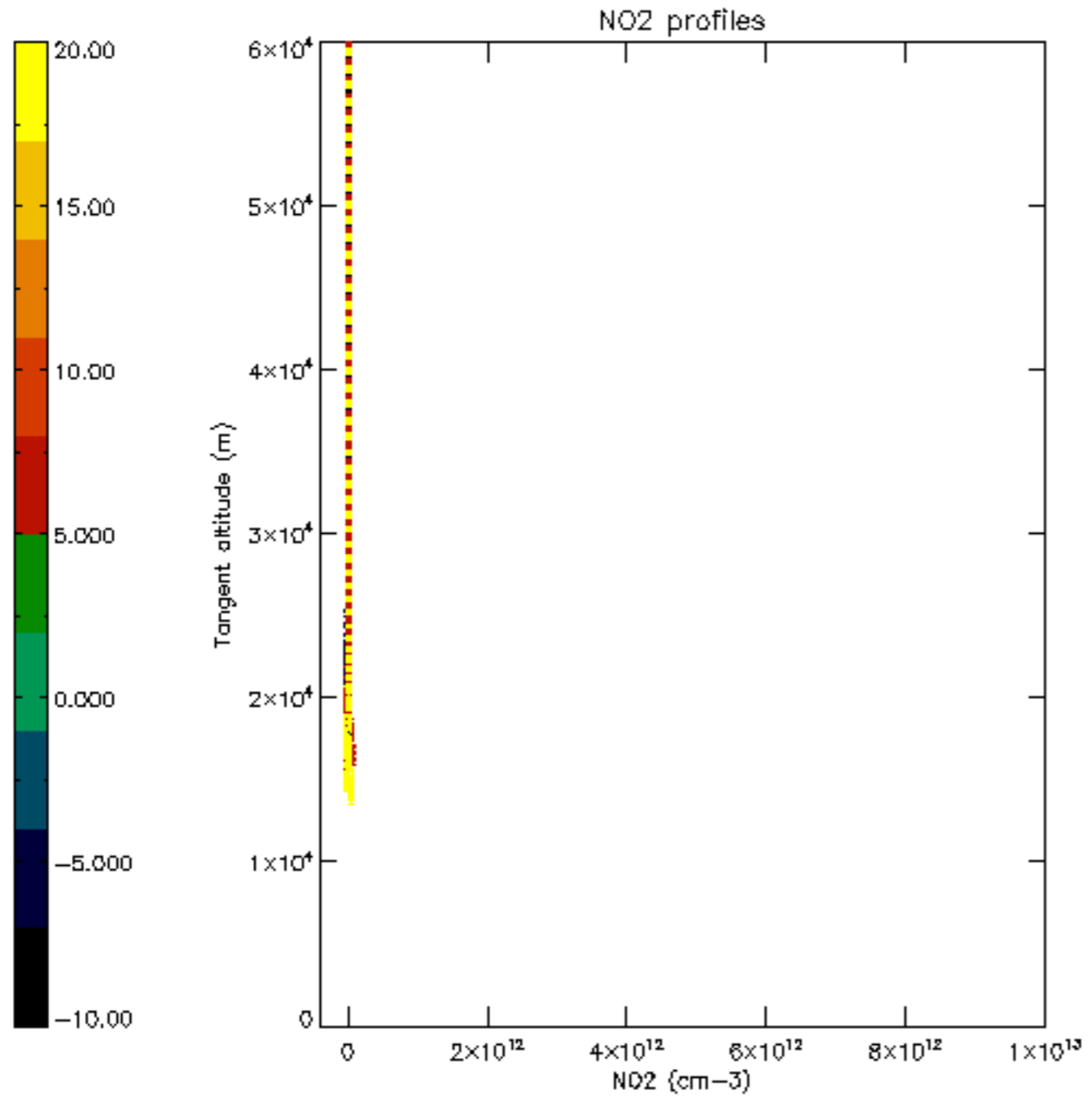


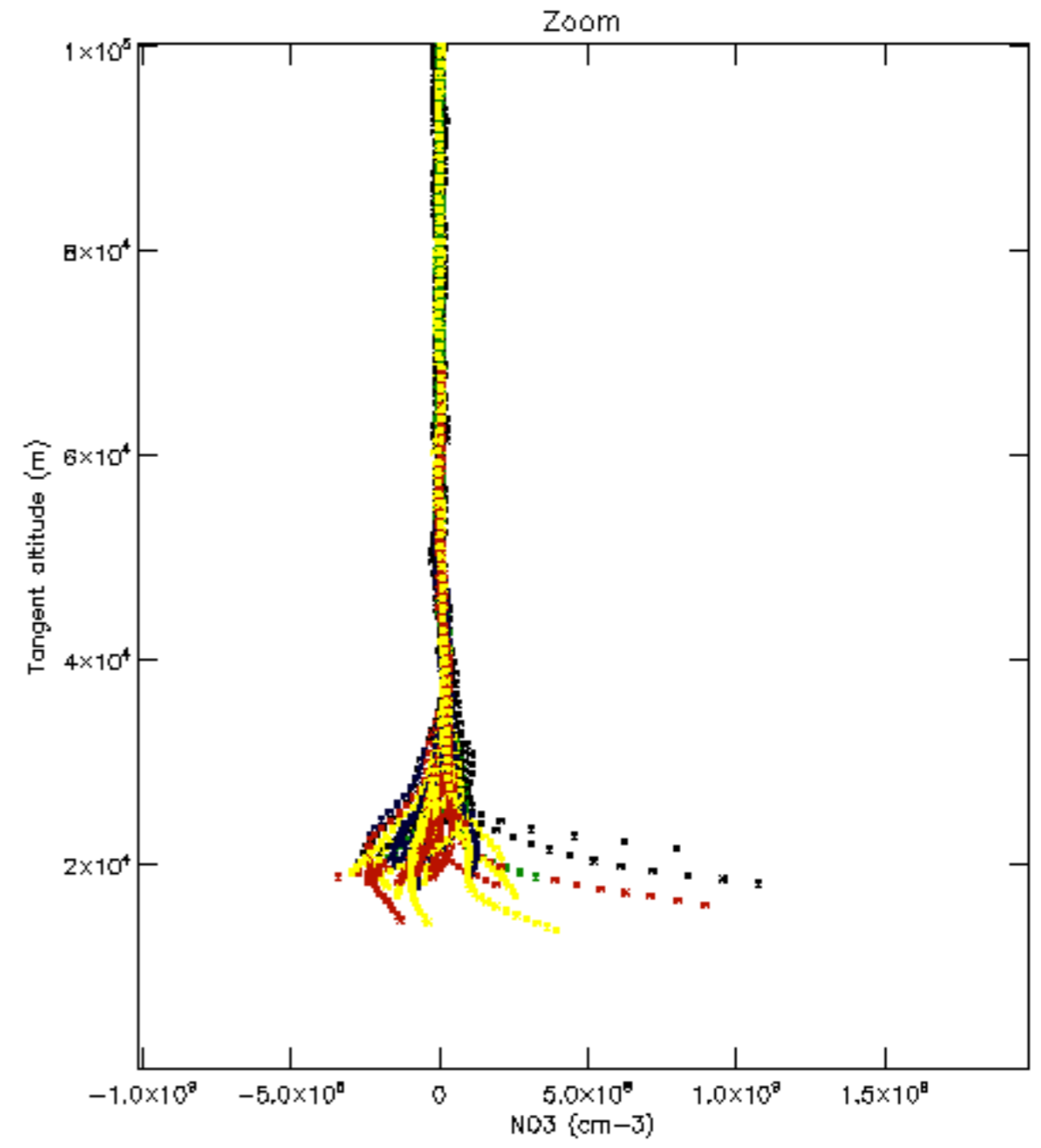
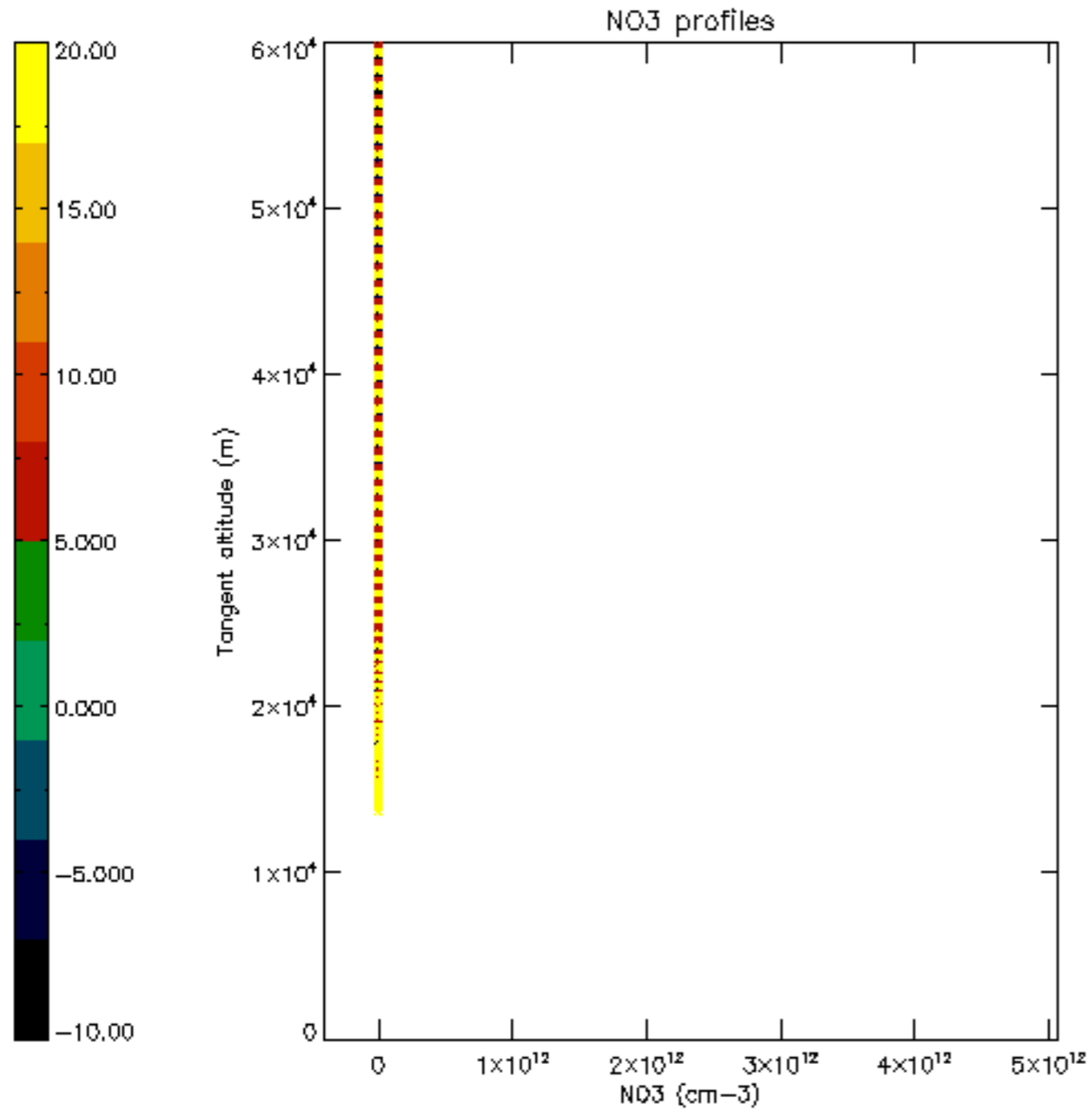


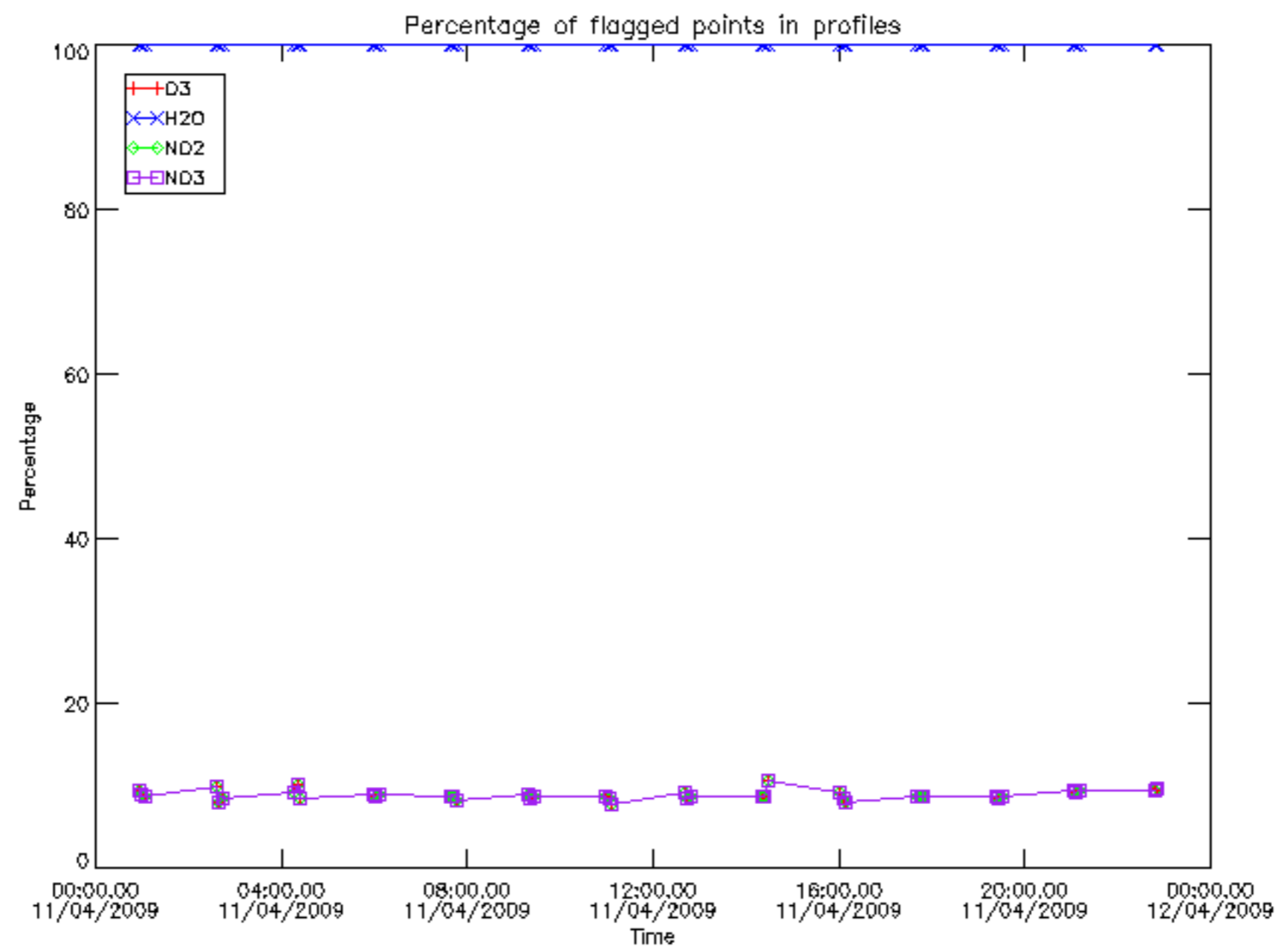




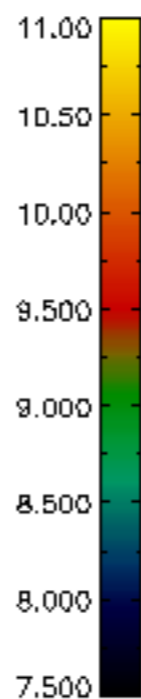
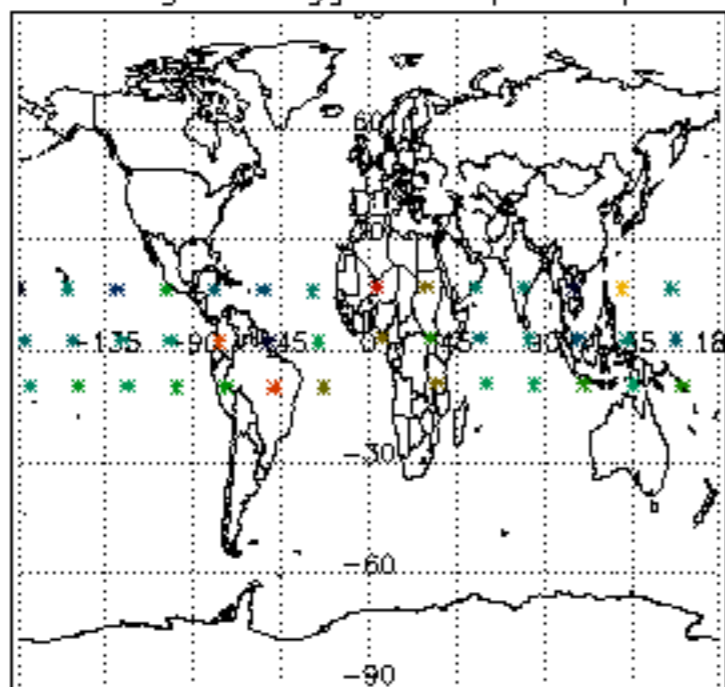




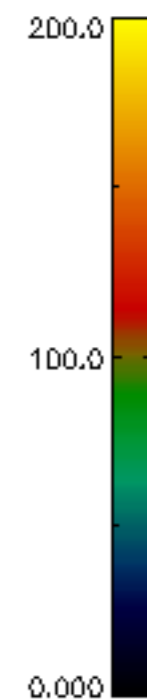
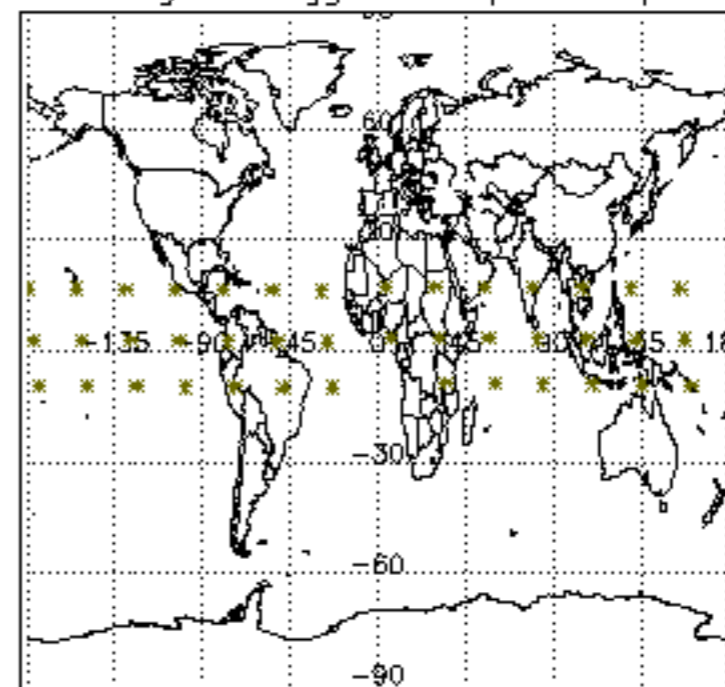




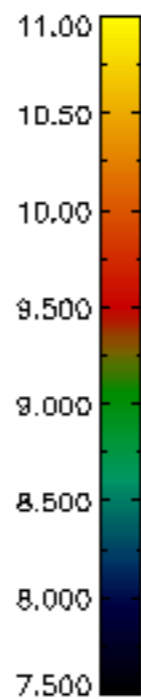
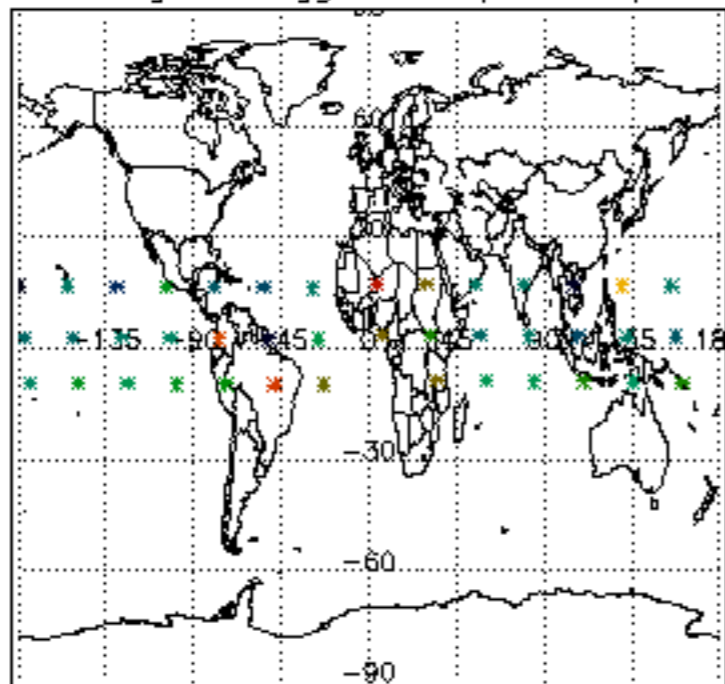
Percentage of flagged data per D3 profile



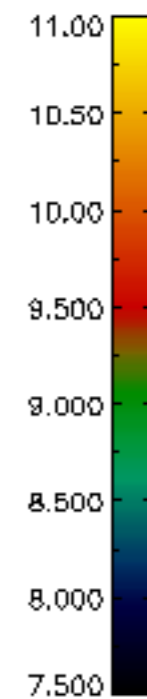
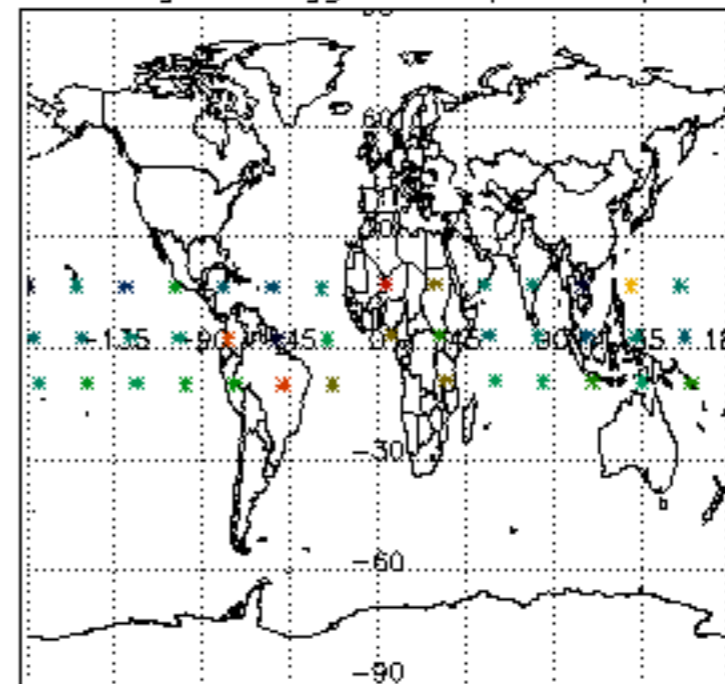
Percentage of flagged data per H2O profile

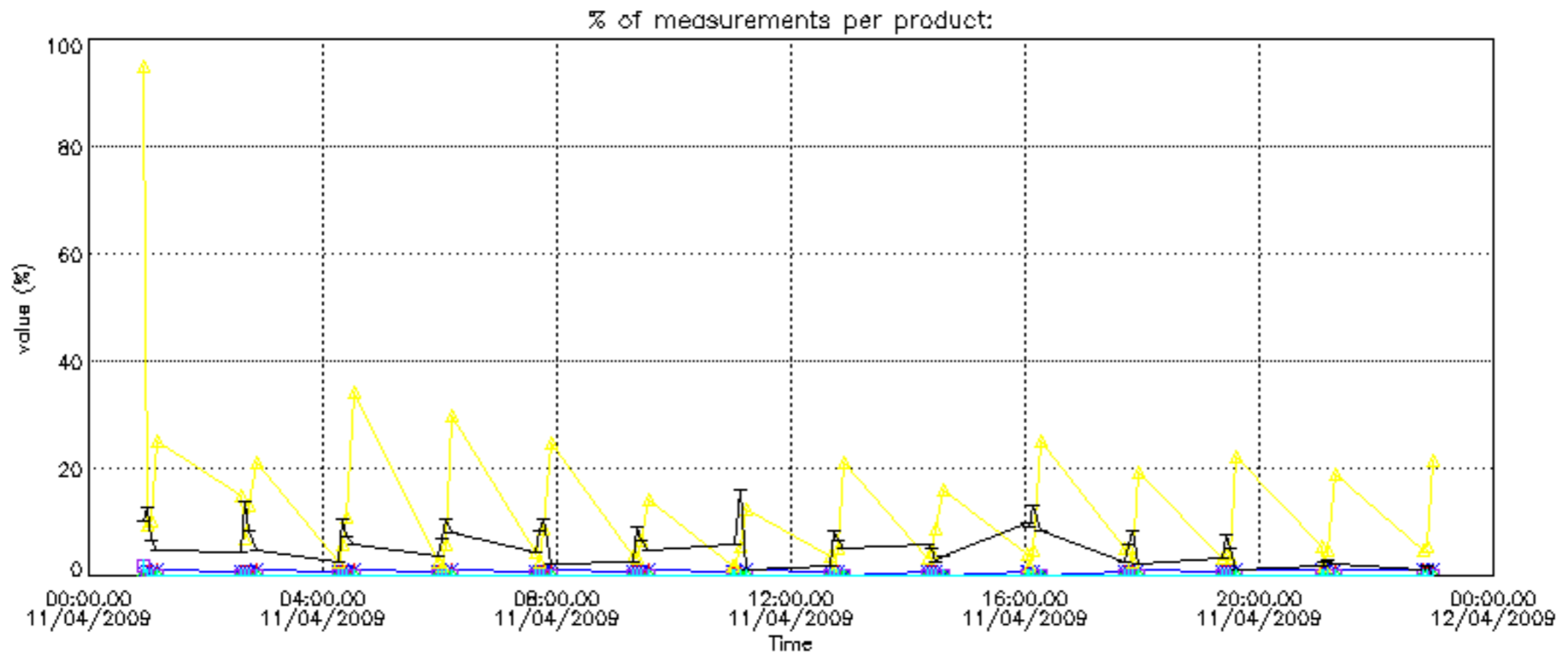


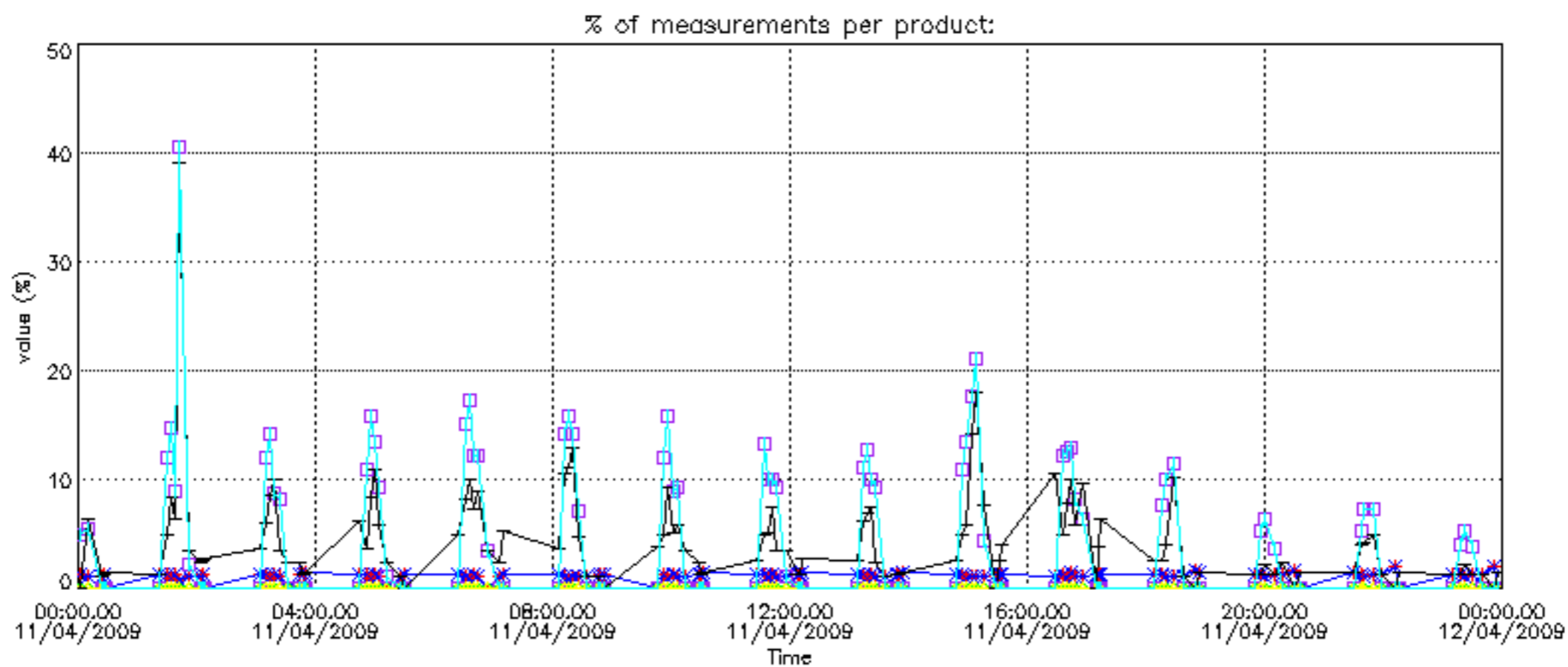
Percentage of flagged data per NO2 profile



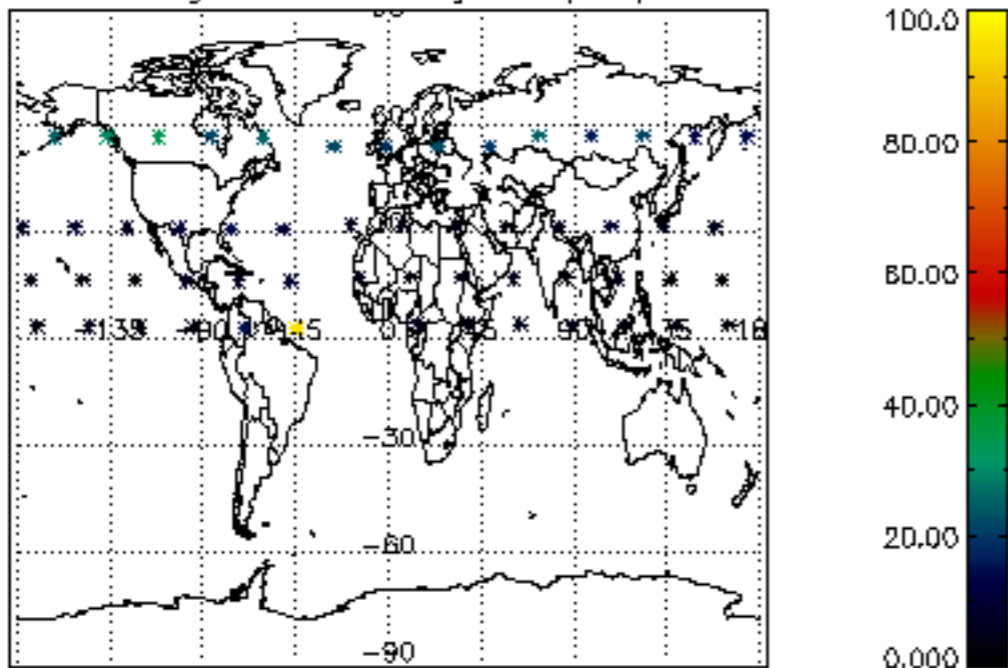
Percentage of flagged data per NO3 profile



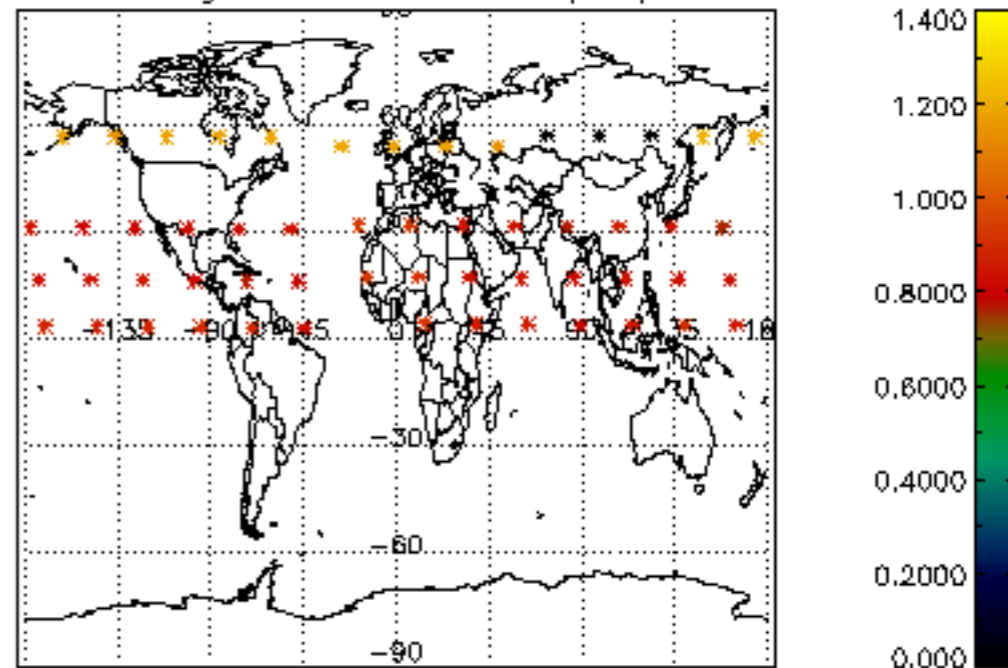




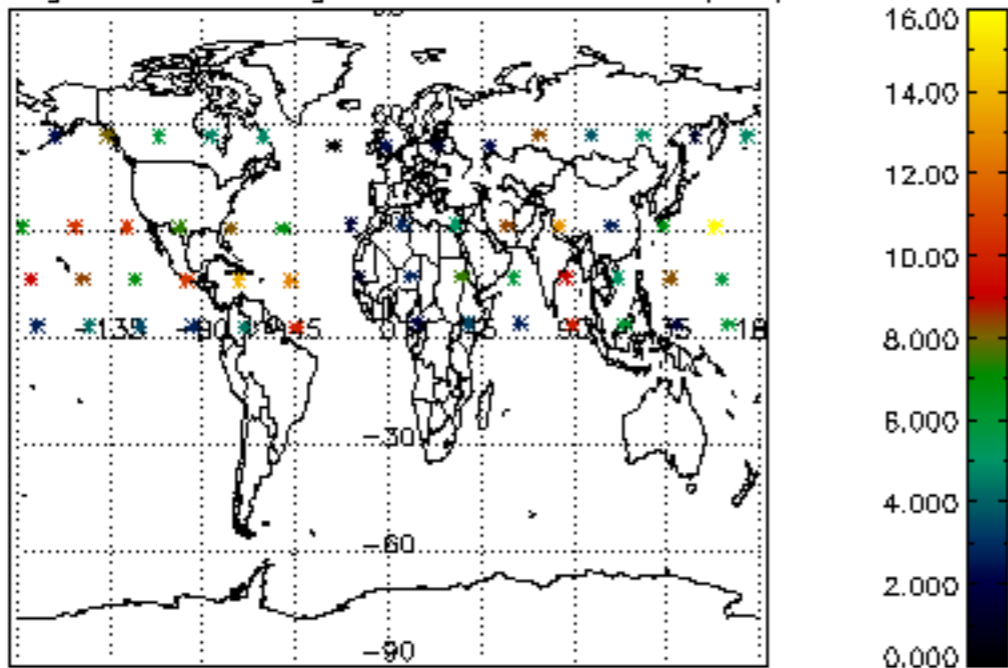
Percentage of cosmic ray hits per profile



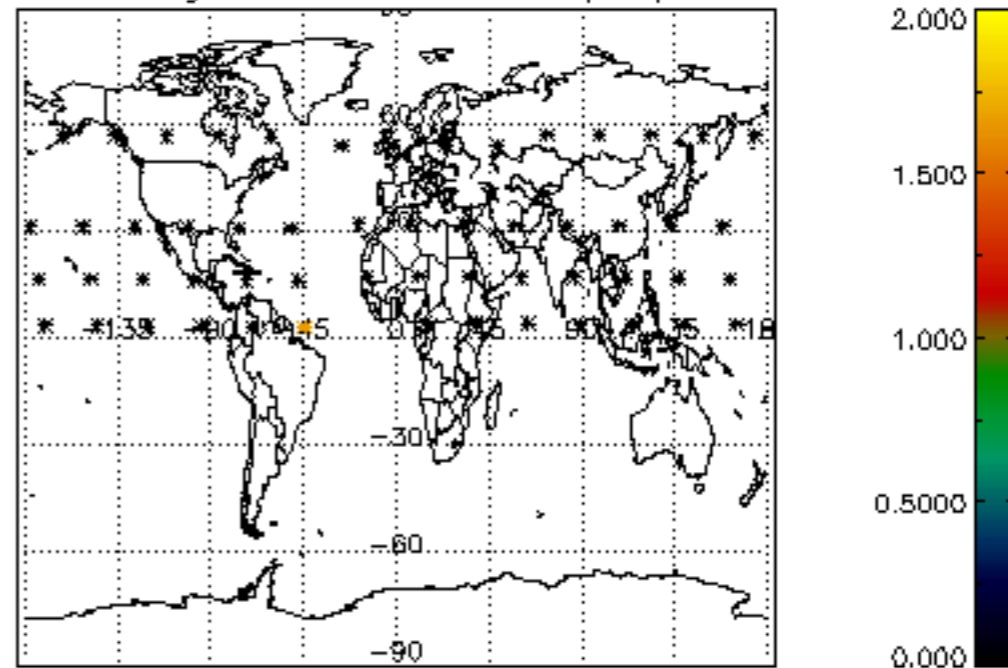
Percentage of datation errors per profile



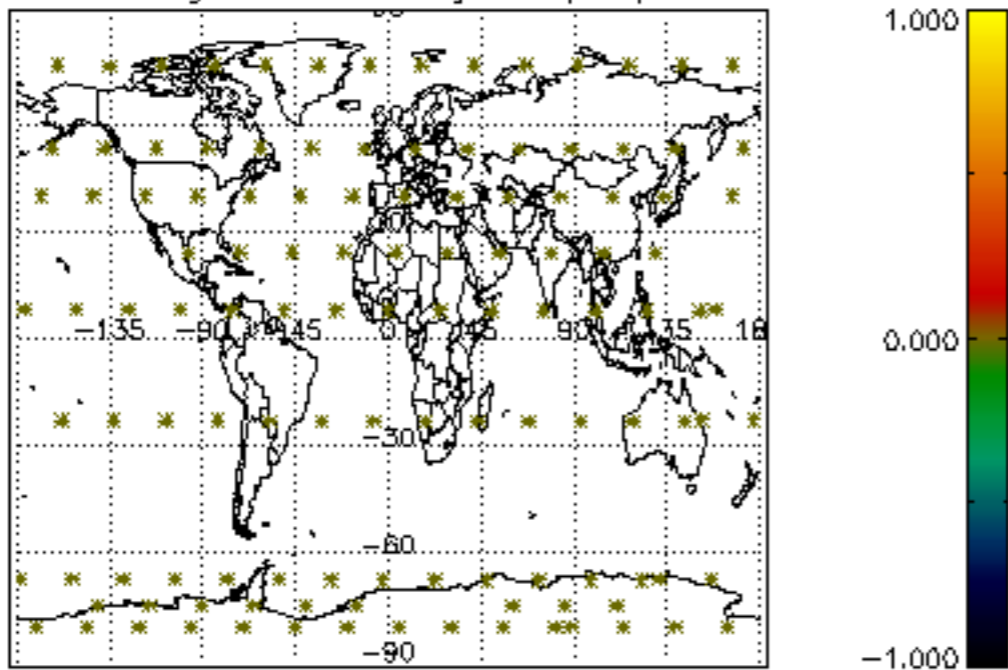
Percentage of star falling outside central band per profile



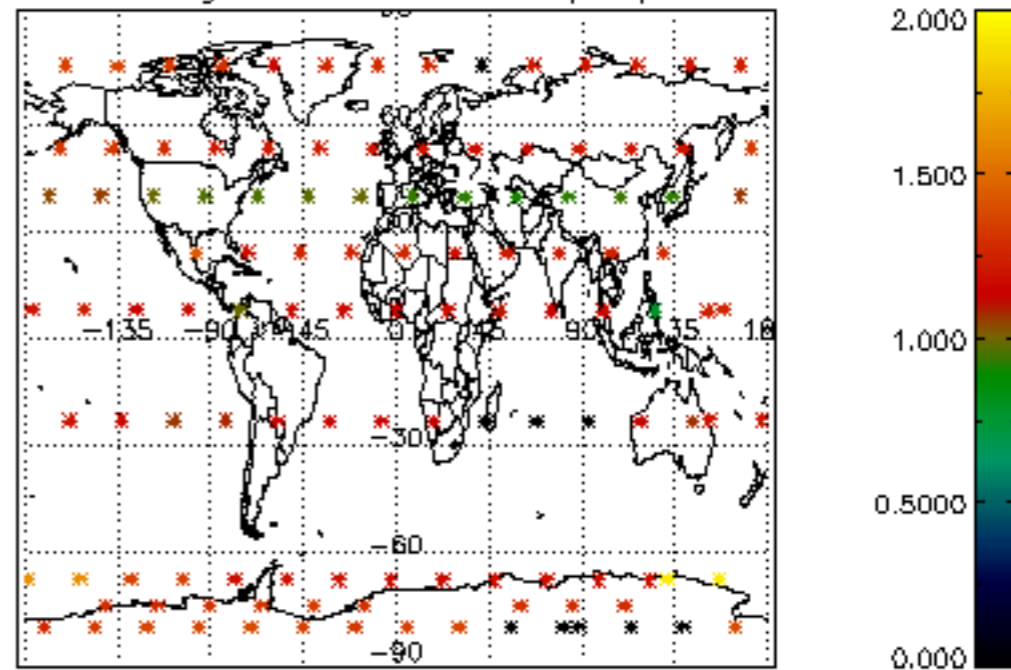
Percentage of saturation errors per profile



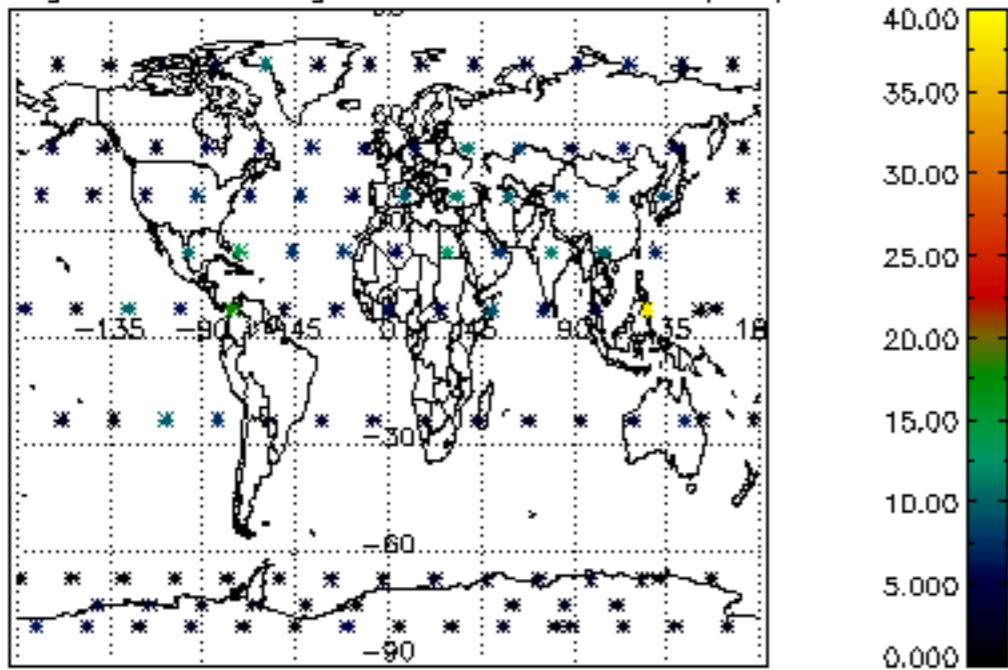
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

