

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 10:16:32
Data source version	GOMOS/6.01
Start time of products	19-06-2009 (19JUN2009 00:00:00)
Stop time of products	20-06-2009 (20JUN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	231
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__2PRFIN20090619_000646_000000322080_00045_38175_4236.N1	19-JUN-2009 00:06:46	Twilight	32.000	103	38Zet Sgr	2.6000	9700.0	64	38175	No
2	GOM_NL__2PRFIN20090619_000811_000000332080_00045_38175_4237.N1	19-JUN-2009 00:08:11	Twilight	32.500	57	34Sig Sgr	2.0660	26000.	65	38175	No
3	GOM_NL__2PRFIN20090619_000954_000000362080_00045_38175_4238.N1	19-JUN-2009 00:09:54	Twilight	35.500	155	41Pi Sgr	2.9000	6600.0	71	38175	No
4	GOM_NL__2PRFIN20090619_001909_000000302080_00045_38175_4239.N1	19-JUN-2009 00:19:09	Twilight	29.500	126	60Bet Oph	2.7700	4250.0	59	38175	No
5	GOM_NL__2PRFIN20090619_002137_000000302080_00045_38175_4240.N1	19-JUN-2009 00:21:37	Bright	29.500	59	55Alp Oph	2.0800	8900.0	59	38175	No
6	GOM_NL__2PRFIN20090619_003153_000000362080_00045_38175_4241.N1	19-JUN-2009 00:31:53	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	38175	No
7	GOM_NL__2PRFIN20090619_003346_000000302080_00045_38175_4242.N1	19-JUN-2009 00:33:46	Bright	29.500	69	33Gam Dra	2.2310	3800.0	59	38175	No
8	GOM_NL__2PRFIN20090619_004332_000000322080_00045_38175_4243.N1	19-JUN-2009 00:43:32	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	38175	No
9	GOM_NL__2PRFIN20090619_005012_000000272080_00045_38175_4244.N1	19-JUN-2009 00:50:12	Twilight	27.000	74	11Bet Cas	2.2680	6600.0	54	38175	No
10	GOM_NL__2PRFIN20090619_005140_000000262080_00045_38175_4245.N1	19-JUN-2009 00:51:40	Twilight	25.500	68	18Alp Cas	2.2250	4500.0	51	38175	No
11	GOM_NL__2PRFIN20090619_005925_000000262080_00045_38175_4246.N1	19-JUN-2009 00:59:25	Twilight	26.000	53	43Bet And	2.0480	3300.0	52	38175	No
12	GOM_NL__2PRFIN20090619_010406_000000242080_00045_38175_4247.N1	19-JUN-2009 01:04:06	Dark	23.500	105	6Bet Ari	2.6450	8900.0	47	38175	No
13	GOM_NL__2PRFIN20090619_011925_000000362080_00045_38175_4248.N1	19-JUN-2009 01:19:25	Dark	35.500	52	16Bet Cet	2.0370	4500.0	71	38175	No
14	GOM_NL__2PRFIN20090619_013145_000000342080_00046_38176_4249.N1	19-JUN-2009 01:31:45	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38176	No
15	GOM_NL__2PRFIN20090619_013349_000000352080_00046_38176_4250.N1	19-JUN-2009 01:33:49	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	38176	No
16	GOM_NL__2PRFIN20090619_013559_000000422080_00046_38176_4251.N1	19-JUN-2009 01:35:59	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38176	No
17	GOM_NL__2PRFIN20090619_014723_000000322080_00046_38176_4252.N1	19-JUN-2009 01:47:23	Twilight	31.500	103	38Zet Sgr	2.6000	9700.0	63	38176	No
18	GOM_NL__2PRFIN20090619_014847_000000322080_00046_38176_4253.N1	19-JUN-2009 01:48:47	Twilight	32.000	57	34Sig Sgr	2.0660	26000.	64	38176	No
19	GOM_NL__2PRFIN20090619_015031_000000362080_00046_38176_4254.N1	19-JUN-2009 01:50:31	Twilight	35.500	155	41Pi Sgr	2.9000	6600.0	71	38176	No
20	GOM_NL__2PRFIN20090619_015944_000000302080_00046_38176_4255.N1	19-JUN-2009 01:59:44	Bright	30.000	126	60Bet Oph	2.7700	4250.0	60	38176	No
21	GOM_NL__2PRFIN20090619_020212_000000302080_00046_38176_4256.N1	19-JUN-2009 02:02:12	Bright	29.500	59	55Alp Oph	2.0800	8900.0	59	38176	No
22	GOM_NL__2PRFIN20090619_021228_000000362080_00046_38176_4257.N1	19-JUN-2009 02:12:28	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	38176	No
23	GOM_NL__2PRFIN20090619_021422_000000302080_00046_38176_4258.N1	19-JUN-2009 02:14:22	Bright	29.500	69	33Gam Dra	2.2310	3800.0	59	38176	No
24	GOM_NL__2PRFIN20090619_022407_000000322080_00046_38176_4259.N1	19-JUN-2009 02:24:07	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	38176	No
25	GOM_NL__2PRFIN20090619_023048_000000272080_00046_38176_4260.N1	19-JUN-2009 02:30:48	Twilight	27.000	74	11Bet Cas	2.2680	6600.0	54	38176	No
26	GOM_NL__2PRFIN20090619_023215_000000262080_00046_38176_4261.N1	19-JUN-2009 02:32:15	Twilight	26.000	68	18Alp Cas	2.2250	4500.0	52	38176	No
27	GOM_NL__2PRFIN20090619_024001_000000272080_00046_38176_4262.N1	19-JUN-2009 02:40:01	Twilight	26.500	53	43Bet And	2.0480	3300.0	53	38176	No
28	GOM_NL__2PRFIN20090619_024442_000000242080_00046_38176_4263.N1	19-JUN-2009 02:44:42	Dark	24.000	105	6Bet Ari	2.6450	8900.0	48	38176	No
29	GOM_NL__2PRFIN20090619_030002_000000362080_00046_38176_4264.N1	19-JUN-2009 03:00:02	Dark	36.000	52	16Bet Cet	2.0370	4500.0	72	38176	No
30	GOM_NL__2PRFIN20090619_031222_000000342080_00047_38177_4263.N1	19-JUN-2009 03:12:22	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38177	No
31	GOM_NL__2PRFIN20090619_031426_000000342080_00047_38177_4264.N1	19-JUN-2009 03:14:26	Straylight	34.000	31	Alp Gru	1.7340	15200.	68	38177	No
32	GOM_NL__2PRFIN20090619_031636_000000422080_00047_38177_4265.N1	19-JUN-2009 03:16:36	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38177	No
33	GOM_NL__2PRFIN20090619_032759_000000322080_00047_38177_4266.N1	19-JUN-2009 03:27:59	Twilight	32.000	103	38Zet Sgr	2.6000	9700.0	64	38177	No
34	GOM_NL__2PRFIN20090619_032923_000000332080_00047_38177_4267.N1	19-JUN-2009 03:29:23	Twilight	32.500	57	34Sig Sgr	2.0660	26000.	65	38177	No
35	GOM_NL__2PRFIN20090619_033106_000000362080_00047_38177_4268.N1	19-JUN-2009 03:31:06	Twilight	35.500	155	41Pi Sgr	2.9000	6600.0	71	38177	No
36	GOM_NL__2PRFIN20090619_034020_000000302080_00047_38177_4269.N1	19-JUN-2009 03:40:20	Twilight	29.500	126	60Bet Oph	2.7700	4250.0	59	38177	No
37	GOM_NL__2PRFIN20090619_034248_000000302080_00047_38177_4270.N1	19-JUN-2009 03:42:48	Bright	29.500	59	55Alp Oph	2.0800	8900.0	59	38177	No
38	GOM_NL__2PRFIN20090619_035303_000000362080_00047_38177_4271.N1	19-JUN-2009 03:53:03	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	38177	No
39	GOM_NL__2PRFIN20090619_035457_000000302080_00047_38177_4272.N1	19-JUN-2009 03:54:57	Bright	29.500	69	33Gam Dra	2.2310	3800.0	59	38177	No
40	GOM_NL__2PRFIN20090619_040443_000000312080_00047_38177_4273.N1	19-JUN-2009 04:04:43	Twilight	30.500	89	5Alp Cep	2.4510	8000.0	61	38177	No
41	GOM_NL__2PRFIN20090619_041124_000000272080_00047_38177_4274.N1	19-JUN-2009 04:11:24	Twilight	27.000	74	11Bet Cas	2.2680	6600.0	54	38177	No
42	GOM_NL__2PRFIN20090619_041251_000000262080_00047_38177_4275.N1	19-JUN-2009 04:12:51	Twilight	26.000	68	18Alp Cas	2.2250	4500.0	52	38177	No

43	GOM_NL__2PRFIN20090619_042037_000000272080_00047_38177_4276.N1	19-JUN-2009 04:20:37	Twilight	26.500	53	43Bet And	2.0480	3300.0	53	38177	No
44	GOM_NL__2PRFIN20090619_042518_000000242080_00047_38177_4277.N1	19-JUN-2009 04:25:18	Dark	24.000	105	6Bet Ari	2.6450	8900.0	48	38177	No
45	GOM_NL__2PRFIN20090619_044039_000000362080_00047_38177_4278.N1	19-JUN-2009 04:40:39	Dark	36.000	52	16Bet Cet	2.0370	4500.0	72	38177	No
46	GOM_NL__2PRFIN20090619_045259_000000342080_00048_38178_4277.N1	19-JUN-2009 04:52:59	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38178	No
47	GOM_NL__2PRFIN20090619_045503_000000352080_00048_38178_4278.N1	19-JUN-2009 04:55:03	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	38178	No
48	GOM_NL__2PRFIN20090619_045714_000000422080_00048_38178_4279.N1	19-JUN-2009 04:57:14	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38178	No
49	GOM_NL__2PRFIN20090619_050835_000000322080_00048_38178_4280.N1	19-JUN-2009 05:08:35	Twilight	32.000	103	38Zet Sgr	2.6000	9700.0	64	38178	No
50	GOM_NL__2PRFIN20090619_051000_000000332080_00048_38178_4281.N1	19-JUN-2009 05:10:00	Twilight	32.500	57	34Sig Sgr	2.0660	26000.	65	38178	No
51	GOM_NL__2PRFIN20090619_051143_000000362080_00048_38178_4282.N1	19-JUN-2009 05:11:43	Twilight	35.500	155	41Pi Sgr	2.9000	6600.0	71	38178	No
52	GOM_NL__2PRFIN20090619_052056_000000302080_00048_38178_4283.N1	19-JUN-2009 05:20:56	Bright	29.500	126	60Bet Oph	2.7700	4250.0	59	38178	No
53	GOM_NL__2PRFIN20090619_052324_000000302080_00048_38178_4284.N1	19-JUN-2009 05:23:24	Bright	29.500	59	55Alp Oph	2.0800	8900.0	59	38178	No
54	GOM_NL__2PRFIN20090619_053338_000000362080_00048_38178_4285.N1	19-JUN-2009 05:33:38	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	38178	No
55	GOM_NL__2PRFIN20090619_053533_000000302080_00048_38178_4286.N1	19-JUN-2009 05:35:33	Bright	29.500	69	33Gam Dra	2.2310	3800.0	59	38178	No
56	GOM_NL__2PRFIN20090619_054518_000000312080_00048_38178_4287.N1	19-JUN-2009 05:45:18	Twilight	30.500	89	5Alp Cep	2.4510	8000.0	61	38178	No
57	GOM_NL__2PRFIN20090619_055159_000000272080_00048_38178_4288.N1	19-JUN-2009 05:51:59	Twilight	27.000	74	11Bet Cas	2.2680	6600.0	54	38178	No
58	GOM_NL__2PRFIN20090619_055326_000000262080_00048_38178_4289.N1	19-JUN-2009 05:53:26	Twilight	26.000	68	18Alp Cas	2.2250	4500.0	52	38178	No
59	GOM_NL__2PRFIN20090619_060113_000000272080_00048_38178_4290.N1	19-JUN-2009 06:01:13	Twilight	26.500	53	43Bet And	2.0480	3300.0	53	38178	No
60	GOM_NL__2PRFIN20090619_060554_000000242080_00048_38178_4291.N1	19-JUN-2009 06:05:54	Dark	24.000	105	6Bet Ari	2.6450	8900.0	48	38178	No
61	GOM_NL__2PRFIN20090619_062116_000000362080_00048_38178_4292.N1	19-JUN-2009 06:21:16	Dark	35.500	52	16Bet Cet	2.0370	4500.0	71	38178	No
62	GOM_NL__2PRFIN20090619_081413_000000352080_00050_38180_4325.N1	19-JUN-2009 08:14:13	Dark	34.500	63	Bet Gru	2.1500	2800.0	69	38180	No
63	GOM_NL__2PRFIN20090619_081617_000000352080_00050_38180_4326.N1	19-JUN-2009 08:16:17	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	38180	No
64	GOM_NL__2PRFIN20090619_081828_000000432080_00050_38180_4327.N1	19-JUN-2009 08:18:28	Straylight	42.500	172	Gam Gru	3.0030	13100.	85	38180	No
65	GOM_NL__2PRFIN20090619_082914_000000282080_00050_38180_4328.N1	19-JUN-2009 08:29:14	Twilight	28.000	38	20Eps Sgr	1.8360	11000.	56	38180	No
66	GOM_NL__2PRFIN20090619_083042_000000292080_00050_38180_4329.N1	19-JUN-2009 08:30:42	Twilight	28.500	116	19Del Sgr	2.7000	4100.0	57	38180	No
67	GOM_NL__2PRFIN20090619_083255_000000352080_00050_38180_4330.N1	19-JUN-2009 08:32:55	Twilight	35.000	155	41Pi Sgr	2.9000	6600.0	70	38180	No
68	GOM_NL__2PRFIN20090619_084208_000000302080_00050_38180_4331.N1	19-JUN-2009 08:42:08	Bright	29.500	126	60Bet Oph	2.7700	4250.0	59	38180	No
69	GOM_NL__2PRFIN20090619_084435_000000302080_00050_38180_4332.N1	19-JUN-2009 08:44:35	Bright	29.500	59	55Alp Oph	2.0800	8900.0	59	38180	No
70	GOM_NL__2PRFIN20090619_085448_000000362080_00050_38180_4333.N1	19-JUN-2009 08:54:48	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	38180	No
71	GOM_NL__2PRFIN20090619_085644_000000302080_00050_38180_4334.N1	19-JUN-2009 08:56:44	Bright	29.500	69	33Gam Dra	2.2310	3800.0	59	38180	No
72	GOM_NL__2PRFIN20090619_090629_000000312080_00050_38180_4335.N1	19-JUN-2009 09:06:29	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38180	No
73	GOM_NL__2PRFIN20090619_091310_000000272080_00050_38180_4336.N1	19-JUN-2009 09:13:10	Twilight	27.000	74	11Bet Cas	2.2680	6600.0	54	38180	No
74	GOM_NL__2PRFIN20090619_091438_000000262080_00050_38180_4337.N1	19-JUN-2009 09:14:38	Twilight	26.000	68	18Alp Cas	2.2250	4500.0	52	38180	No
75	GOM_NL__2PRFIN20090619_092001_000000232080_00050_38180_4338.N1	19-JUN-2009 09:20:01	Twilight	22.500	73	57Gam1And	2.2600	13100.	45	38180	No
76	GOM_NL__2PRFIN20090619_092225_000000272080_00050_38180_4339.N1	19-JUN-2009 09:22:25	Twilight	26.500	53	43Bet And	2.0480	3300.0	53	38180	No
77	GOM_NL__2PRFIN20090619_092603_000000232080_00050_38180_4340.N1	19-JUN-2009 09:26:03	Twilight	23.000	50	13Alp Ari	2.0070	4250.0	46	38180	No
78	GOM_NL__2PRFIN20090619_094230_000000362080_00050_38180_4341.N1	19-JUN-2009 09:42:30	Dark	36.000	52	16Bet Cet	2.0370	4500.0	72	38180	No
79	GOM_NL__2PRFIN20090619_094829_000000312080_00050_38180_4342.N1	19-JUN-2009 09:48:29	Dark	30.500	84	Alp Phe	2.3970	4500.0	61	38180	No
80	GOM_NL__2PRFIN20090619_095450_000000342080_00051_38181_4339.N1	19-JUN-2009 09:54:50	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38181	No
81	GOM_NL__2PRFIN20090619_095653_000000352080_00051_38181_4340.N1	19-JUN-2009 09:56:53	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	38181	No
82	GOM_NL__2PRFIN20090619_095905_000000422080_00051_38181_4341.N1	19-JUN-2009 09:59:05	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38181	No
83	GOM_NL__2PRFIN20090619_100950_000000282080_00051_38181_4342.N1	19-JUN-2009 10:09:50	Twilight	28.000	38	20Eps Sgr	1.8360	11000.	56	38181	No
84	GOM_NL__2PRFIN20090619_101118_000000292080_00051_38181_4343.N1	19-JUN-2009 10:11:18	Twilight	28.500	116	19Del Sgr	2.7000	4100.0	57	38181	No
85	GOM_NL__2PRFIN20090619_101331_000000352080_00051_38181_4344.N1	19-JUN-2009 10:13:31	Twilight	34.500	155	41Pi Sgr	2.9000	6600.0	69	38181	No
86	GOM_NL__2PRFIN20090619_102243_000000302080_00051_38181_4345.N1	19-JUN-2009 10:22:43	Bright	29.500	126	60Bet Oph	2.7700	4250.0	59	38181	No
87	GOM_NL__2PRFIN20090619_102511_000000302080_00051_38181_4346.N1	19-JUN-2009 10:25:11	Bright	29.500	59	55Alp Oph	2.0800	8900.0	59	38181	No
88	GOM_NL__2PRFIN20090619_103524_000000362080_00051_38181_4347.N1	19-JUN-2009 10:35:24	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	38181	No
89	GOM_NL__2PRFIN20090619_103719_000000302080_00051_38181_4348.N1	19-JUN-2009 10:37:19	Bright	29.500	69	33Gam Dra	2.2310	3800.0	59	38181	No
90	GOM_NL__2PRFIN20090619_104704_000000312080_00051_38181_4349.N1	19-JUN-2009 10:47:04	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38181	No
91	GOM_NL__2PRFIN20090619_105346_000000272080_00051_38181_4350.N1	19-JUN-2009 10:53:46	Twilight	27.000	74	11Bet Cas	2.2680	6600.0	54	38181	No
92	GOM_NL__2PRFIN20090619_105513_000000262080_00051_38181_4351.N1	19-JUN-2009 10:55:13	Twilight	26.000	68	18Alp Cas	2.2250	4500.0	52	38181	No
93	GOM_NL__2PRFIN20090619_110037_000000232080_00051_38181_4352.N1	19-JUN-2009 11:00:37	Twilight	22.500	73	57Gam1And	2.2600	13100.	45	38181	No
94	GOM_NL__2PRFIN20090619_110301_000000272080_00051_38181_4353.N1	19-JUN-2009 11:03:01	Twilight	26.500	53	43Bet And	2.0480	3300.0	53	38181	No
95	GOM_NL__2PRFIN20090619_110639_000000242080_00051_38181_4354.N1	19-JUN-2009 11:06:39	Twilight	23.500	50	13Alp Ari	2.0070	4250.0	47	38181	No
96	GOM_NL__2PRFIN20090619_112307_000000362080_00051_38181_4355.N1	19-JUN-2009 11:23:07	Dark	36.000	52	16Bet Cet	2.0370	4500.0	72	38181	No
97	GOM_NL__2PRFIN20090619_112905_000000312080_00051_38181_4356.N1	19-JUN-2009 11:29:05	Dark	30.500	84	Alp Phe	2.3970	4500.0	61	38181	No
98	GOM_NL__2PRFIN20090619_113527_000000352080_00052_38182_4353.N1	19-JUN-2009 11:35:27	Dark	34.500	63	Bet Gru	2.1500	2800.0	69	38182	No
99	GOM_NL__2PRFIN20090619_113730_000000352080_00052_38182_4354.N1	19-JUN-2009 11:37:30	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	38182	No
100	GOM_NL__2PRFIN20090619_113942_000000422080_00052_38182_4355.N1	19-JUN-2009 11:39:42	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38182	No
101	GOM_NL__2PRFIN20090619_115027_000000282080_00052_38182_4356.N1	19-JUN-2009 11:50:27	Twilight	28.000	38	20Eps Sgr	1.8360	11000.	56	38182	No

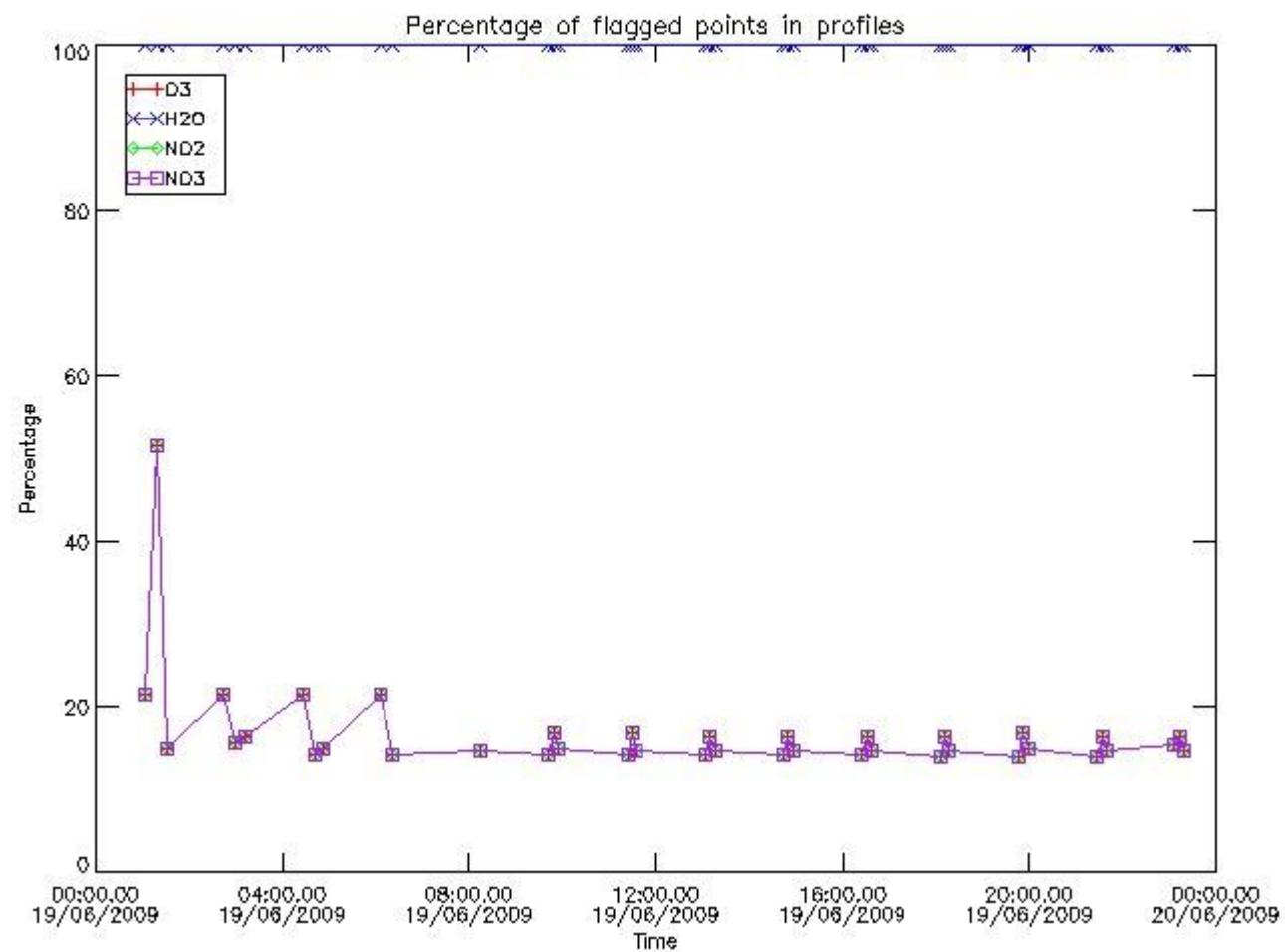
102	GOM_NL__2PRFIN20090619_115154_000000292080_00052_38182_4357.N1	19-JUN-2009 11:51:54	Twilight	28.500	116	19Del Sgr	2.7000	4100.0	57	38182	No
103	GOM_NL__2PRFIN20090619_115408_000000352080_00052_38182_4358.N1	19-JUN-2009 11:54:08	Twilight	34.500	155	41Pi Sgr	2.9000	6600.0	69	38182	No
104	GOM_NL__2PRFIN20090619_120319_000000302080_00052_38182_4359.N1	19-JUN-2009 12:03:19	Twilight	29.500	126	60Bet Oph	2.7700	4250.0	59	38182	No
105	GOM_NL__2PRFIN20090619_120546_000000302080_00052_38182_4360.N1	19-JUN-2009 12:05:46	Bright	29.500	59	55Alp Oph	2.0800	8900.0	59	38182	No
106	GOM_NL__2PRFIN20090619_121558_000000362080_00052_38182_4361.N1	19-JUN-2009 12:15:58	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	38182	No
107	GOM_NL__2PRFIN20090619_121755_000000302080_00052_38182_4362.N1	19-JUN-2009 12:17:55	Bright	29.500	69	33Gam Dra	2.2310	3800.0	59	38182	No
108	GOM_NL__2PRFIN20090619_122739_000000312080_00052_38182_4363.N1	19-JUN-2009 12:27:39	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38182	No
109	GOM_NL__2PRFIN20090619_123422_000000272080_00052_38182_4364.N1	19-JUN-2009 12:34:22	Twilight	27.000	74	11Bet Cas	2.2680	6600.0	54	38182	No
110	GOM_NL__2PRFIN20090619_123549_000000262080_00052_38182_4365.N1	19-JUN-2009 12:35:49	Twilight	26.000	68	18Alp Cas	2.2250	4500.0	52	38182	No
111	GOM_NL__2PRFIN20090619_124113_000000232080_00052_38182_4366.N1	19-JUN-2009 12:41:13	Twilight	22.500	73	57Gam1And	2.2600	13100.	45	38182	No
112	GOM_NL__2PRFIN20090619_124333_000000222080_00052_38182_4367.N1	19-JUN-2009 12:43:33	Twilight	22.000	173	4Bet Tri	3.0040	8900.0	44	38182	No
113	GOM_NL__2PRFIN20090619_124715_000000232080_00052_38182_4368.N1	19-JUN-2009 12:47:15	Twilight	23.000	50	13Alp Ari	2.0070	4250.0	46	38182	No
114	GOM_NL__2PRFIN20090619_130344_000000362080_00052_38182_4369.N1	19-JUN-2009 13:03:44	Dark	36.000	52	16Bet Cet	2.0370	4500.0	72	38182	No
115	GOM_NL__2PRFIN20090619_130942_000000312080_00052_38182_4370.N1	19-JUN-2009 13:09:42	Dark	31.000	84	Alp Phe	2.3970	4500.0	62	38182	No
116	GOM_NL__2PRFIN20090619_131604_000000352080_00053_38183_4367.N1	19-JUN-2009 13:16:04	Dark	34.500	63	Bet Gru	2.1500	2800.0	69	38183	No
117	GOM_NL__2PRFIN20090619_131807_000000352080_00053_38183_4368.N1	19-JUN-2009 13:18:07	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	38183	No
118	GOM_NL__2PRFIN20090619_132020_000000422080_00053_38183_4369.N1	19-JUN-2009 13:20:20	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38183	No
119	GOM_NL__2PRFIN20090619_133103_000000282080_00053_38183_4370.N1	19-JUN-2009 13:31:03	Twilight	28.000	38	20Eps Sgr	1.8360	11000.	56	38183	No
120	GOM_NL__2PRFIN20090619_133230_000000292080_00053_38183_4371.N1	19-JUN-2009 13:32:30	Twilight	28.500	116	19Del Sgr	2.7000	4100.0	57	38183	No
121	GOM_NL__2PRFIN20090619_133444_000000352080_00053_38183_4372.N1	19-JUN-2009 13:34:44	Twilight	34.500	155	41Pi Sgr	2.9000	6600.0	69	38183	No
122	GOM_NL__2PRFIN20090619_134355_000000302080_00053_38183_4373.N1	19-JUN-2009 13:43:55	Bright	30.000	126	60Bet Oph	2.7700	4250.0	60	38183	No
123	GOM_NL__2PRFIN20090619_134622_000000302080_00053_38183_4374.N1	19-JUN-2009 13:46:22	Bright	29.500	59	55Alp Oph	2.0800	8900.0	59	38183	No
124	GOM_NL__2PRFIN20090619_135634_000000362080_00053_38183_4375.N1	19-JUN-2009 13:56:34	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	38183	No
125	GOM_NL__2PRFIN20090619_135830_000000302080_00053_38183_4376.N1	19-JUN-2009 13:58:30	Bright	29.500	69	33Gam Dra	2.2310	3800.0	59	38183	No
126	GOM_NL__2PRFIN20090619_140814_000000312080_00053_38183_4377.N1	19-JUN-2009 14:08:14	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38183	No
127	GOM_NL__2PRFIN20090619_141457_000000272080_00053_38183_4378.N1	19-JUN-2009 14:14:57	Twilight	26.500	74	11Bet Cas	2.2680	6600.0	53	38183	No
128	GOM_NL__2PRFIN20090619_141625_000000262080_00053_38183_4379.N1	19-JUN-2009 14:16:25	Twilight	26.000	68	18Alp Cas	2.2250	4500.0	52	38183	No
129	GOM_NL__2PRFIN20090619_142149_000000232080_00053_38183_4380.N1	19-JUN-2009 14:21:49	Twilight	22.500	73	57Gam1And	2.2600	13100.	45	38183	No
130	GOM_NL__2PRFIN20090619_142409_000000232080_00053_38183_4381.N1	19-JUN-2009 14:24:09	Twilight	22.500	173	4Bet Tri	3.0040	8900.0	45	38183	No
131	GOM_NL__2PRFIN20090619_142752_000000232080_00053_38183_4382.N1	19-JUN-2009 14:27:52	Twilight	23.000	50	13Alp Ari	2.0070	4250.0	46	38183	No
132	GOM_NL__2PRFIN20090619_144421_000000362080_00053_38183_4383.N1	19-JUN-2009 14:44:21	Dark	36.000	52	16Bet Cet	2.0370	4500.0	72	38183	No
133	GOM_NL__2PRFIN20090619_145019_000000312080_00053_38183_4384.N1	19-JUN-2009 14:50:19	Dark	31.000	84	Alp Phe	2.3970	4500.0	62	38183	No
134	GOM_NL__2PRFIN20090619_145641_000000352080_00054_38184_4381.N1	19-JUN-2009 14:56:41	Dark	34.500	63	Bet Gru	2.1500	2800.0	69	38184	No
135	GOM_NL__2PRFIN20090619_145844_000000352080_00054_38184_4382.N1	19-JUN-2009 14:58:44	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	38184	No
136	GOM_NL__2PRFIN20090619_150057_000000422080_00054_38184_4383.N1	19-JUN-2009 15:00:57	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38184	No
137	GOM_NL__2PRFIN20090619_151139_000000282080_00054_38184_4384.N1	19-JUN-2009 15:11:39	Twilight	28.000	38	20Eps Sgr	1.8360	11000.	56	38184	No
138	GOM_NL__2PRFIN20090619_151307_000000292080_00054_38184_4385.N1	19-JUN-2009 15:13:07	Twilight	28.500	116	19Del Sgr	2.7000	4100.0	57	38184	No
139	GOM_NL__2PRFIN20090619_151520_000000362080_00054_38184_4386.N1	19-JUN-2009 15:15:20	Twilight	35.500	155	41Pi Sgr	2.9000	6600.0	71	38184	No
140	GOM_NL__2PRFIN20090619_152430_000000302080_00054_38184_4387.N1	19-JUN-2009 15:24:30	Twilight	29.500	126	60Bet Oph	2.7700	4250.0	59	38184	No
141	GOM_NL__2PRFIN20090619_152658_000000302080_00054_38184_4388.N1	19-JUN-2009 15:26:58	Bright	29.500	59	55Alp Oph	2.0800	8900.0	59	38184	No
142	GOM_NL__2PRFIN20090619_153709_000000362080_00054_38184_4389.N1	19-JUN-2009 15:37:09	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	38184	No
143	GOM_NL__2PRFIN20090619_153906_000000302080_00054_38184_4390.N1	19-JUN-2009 15:39:06	Bright	29.500	69	33Gam Dra	2.2310	3800.0	59	38184	No
144	GOM_NL__2PRFIN20090619_154849_000000322080_00054_38184_4391.N1	19-JUN-2009 15:48:49	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	38184	No
145	GOM_NL__2PRFIN20090619_155533_000000272080_00054_38184_4392.N1	19-JUN-2009 15:55:33	Twilight	27.000	74	11Bet Cas	2.2680	6600.0	54	38184	No
146	GOM_NL__2PRFIN20090619_155700_000000262080_00054_38184_4393.N1	19-JUN-2009 15:57:00	Twilight	26.000	68	18Alp Cas	2.2250	4500.0	52	38184	No
147	GOM_NL__2PRFIN20090619_160225_000000232080_00054_38184_4394.N1	19-JUN-2009 16:02:25	Twilight	22.500	73	57Gam1And	2.2600	13100.	45	38184	No
148	GOM_NL__2PRFIN20090619_160449_000000272080_00054_38184_4395.N1	19-JUN-2009 16:04:49	Twilight	26.500	53	43Bet And	2.0480	3300.0	53	38184	No
149	GOM_NL__2PRFIN20090619_160828_000000242080_00054_38184_4396.N1	19-JUN-2009 16:08:28	Twilight	23.500	50	13Alp Ari	2.0070	4250.0	47	38184	No
150	GOM_NL__2PRFIN20090619_162459_000000362080_00054_38184_4397.N1	19-JUN-2009 16:24:59	Dark	36.000	52	16Bet Cet	2.0370	4500.0	72	38184	No
151	GOM_NL__2PRFIN20090619_163056_000000312080_00054_38184_4398.N1	19-JUN-2009 16:30:56	Dark	31.000	84	Alp Phe	2.3970	4500.0	62	38184	No
152	GOM_NL__2PRFIN20090619_163718_000000352080_00055_38185_4395.N1	19-JUN-2009 16:37:18	Dark	34.500	63	Bet Gru	2.1500	2800.0	69	38185	No
153	GOM_NL__2PRFIN20090619_163921_000000352080_00055_38185_4396.N1	19-JUN-2009 16:39:21	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	38185	No
154	GOM_NL__2PRFIN20090619_164134_000000422080_00055_38185_4397.N1	19-JUN-2009 16:41:34	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38185	No
155	GOM_NL__2PRFIN20090619_165216_000000282080_00055_38185_4398.N1	19-JUN-2009 16:52:16	Twilight	28.000	38	20Eps Sgr	1.8360	11000.	56	38185	No
156	GOM_NL__2PRFIN20090619_165343_000000292080_00055_38185_4399.N1	19-JUN-2009 16:53:43	Twilight	28.500	116	19Del Sgr	2.7000	4100.0	57	38185	No
157	GOM_NL__2PRFIN20090619_165556_000000352080_00055_38185_4400.N1	19-JUN-2009 16:55:56	Twilight	35.000	155	41Pi Sgr	2.9000	6600.0	70	38185	No
158	GOM_NL__2PRFIN20090619_170506_000000302080_00055_38185_4401.N1	19-JUN-2009 17:05:06	Twilight	29.500	126	60Bet Oph	2.7700	4250.0	59	38185	No
159	GOM_NL__2PRFIN20090619_170734_000000302080_00055_38185_4402.N1	19-JUN-2009 17:07:34	Bright	29.500	59	55Alp Oph	2.0800	8900.0	59	38185	No
160	GOM_NL__2PRFIN20090619_171744_000000362080_00055_38185_4403.N1	19-JUN-2009 17:17:44	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	38185	No

220	GOM_NL__2PRFIN20090619_224713_000000272080_00058_38188_4459.N1	19-JUN-2009 22:47:13	Twilight	26.500	53	43Bet And	2.0480	3300.0	53	38188	No
221	GOM_NL__2PRFIN20090619_225052_000000232080_00058_38188_4460.N1	19-JUN-2009 22:50:52	Twilight	22.500	50	13Alp Ari	2.0070	4250.0	45	38188	No
222	GOM_NL__2PRFIN20090619_230727_000000372080_00058_38188_4461.N1	19-JUN-2009 23:07:27	Dark	36.500	52	16Bet Cet	2.0370	4500.0	73	38188	No
223	GOM_NL__2PRFIN20090619_231323_000000312080_00058_38188_4462.N1	19-JUN-2009 23:13:23	Dark	31.000	84	Alp Phe	2.3970	4500.0	62	38188	No
224	GOM_NL__2PRFIN20090619_231945_000000352080_00059_38189_4462.N1	19-JUN-2009 23:19:45	Dark	34.500	63	Bet Gru	2.1500	2800.0	69	38189	No
225	GOM_NL__2PRFIN20090619_232149_000000352080_00059_38189_4463.N1	19-JUN-2009 23:21:49	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	38189	No
226	GOM_NL__2PRFIN20090619_232403_000000422080_00059_38189_4464.N1	19-JUN-2009 23:24:03	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38189	No
227	GOM_NL__2PRFIN20090619_233441_000000282080_00059_38189_4465.N1	19-JUN-2009 23:34:41	Twilight	28.000	38	20Eps Sgr	1.8360	11000.	56	38189	No
228	GOM_NL__2PRFIN20090619_233608_000000282080_00059_38189_4466.N1	19-JUN-2009 23:36:08	Twilight	28.000	116	19Del Sgr	2.7000	4100.0	56	38189	No
229	GOM_NL__2PRFIN20090619_233821_000000352080_00059_38189_4467.N1	19-JUN-2009 23:38:21	Twilight	35.000	155	41Pi Sgr	2.9000	6600.0	70	38189	No
230	GOM_NL__2PRFIN20090619_234729_000000302080_00059_38189_4468.N1	19-JUN-2009 23:47:29	Bright	29.500	126	60Bet Oph	2.7700	4250.0	59	38189	No
231	GOM_NL__2PRFIN20090619_234956_000000292080_00059_38189_4469.N1	19-JUN-2009 23:49:56	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38189	No

3. Quality information per product

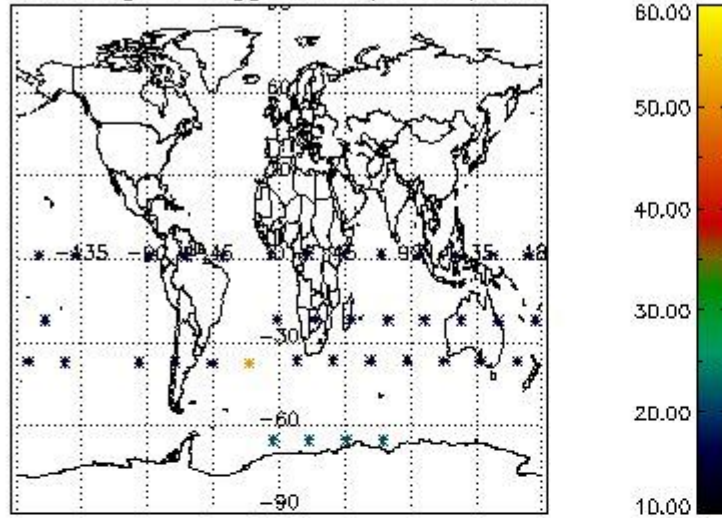
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

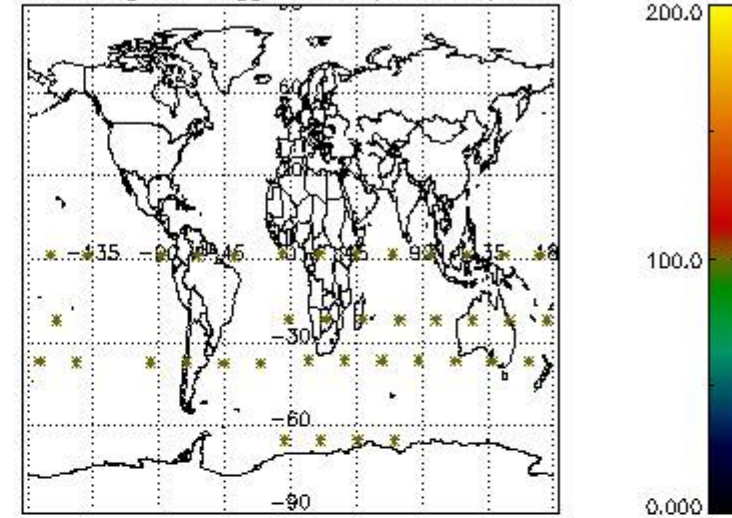


3.2 Plot quality information per product (world map)

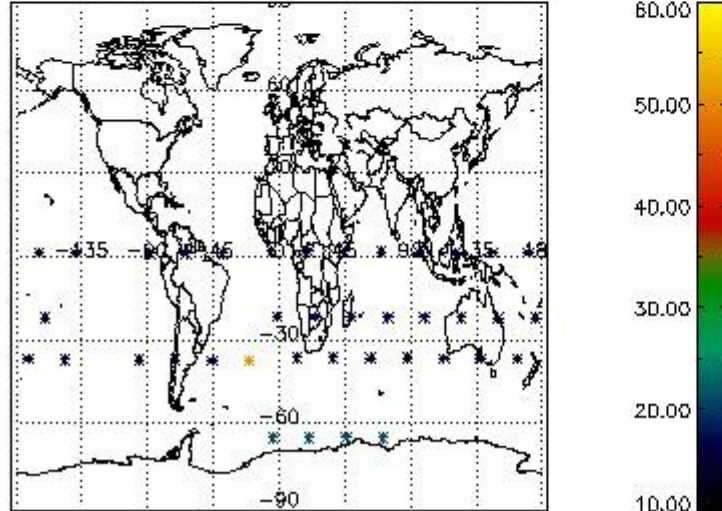
Percentage of flagged data per O3 profile



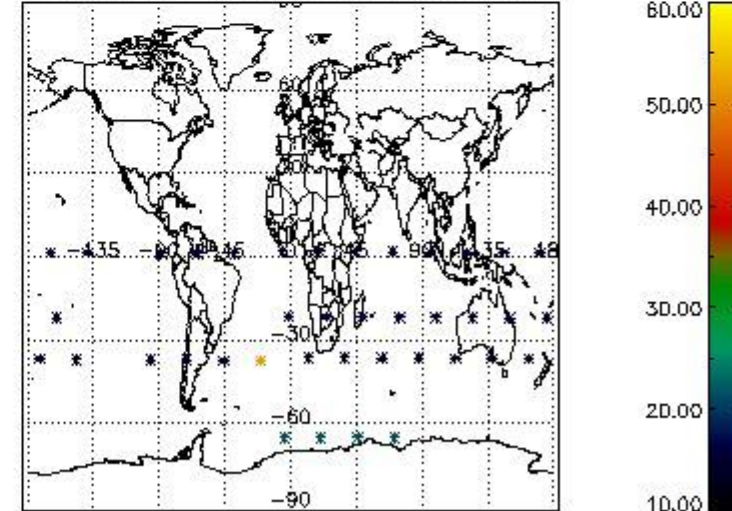
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

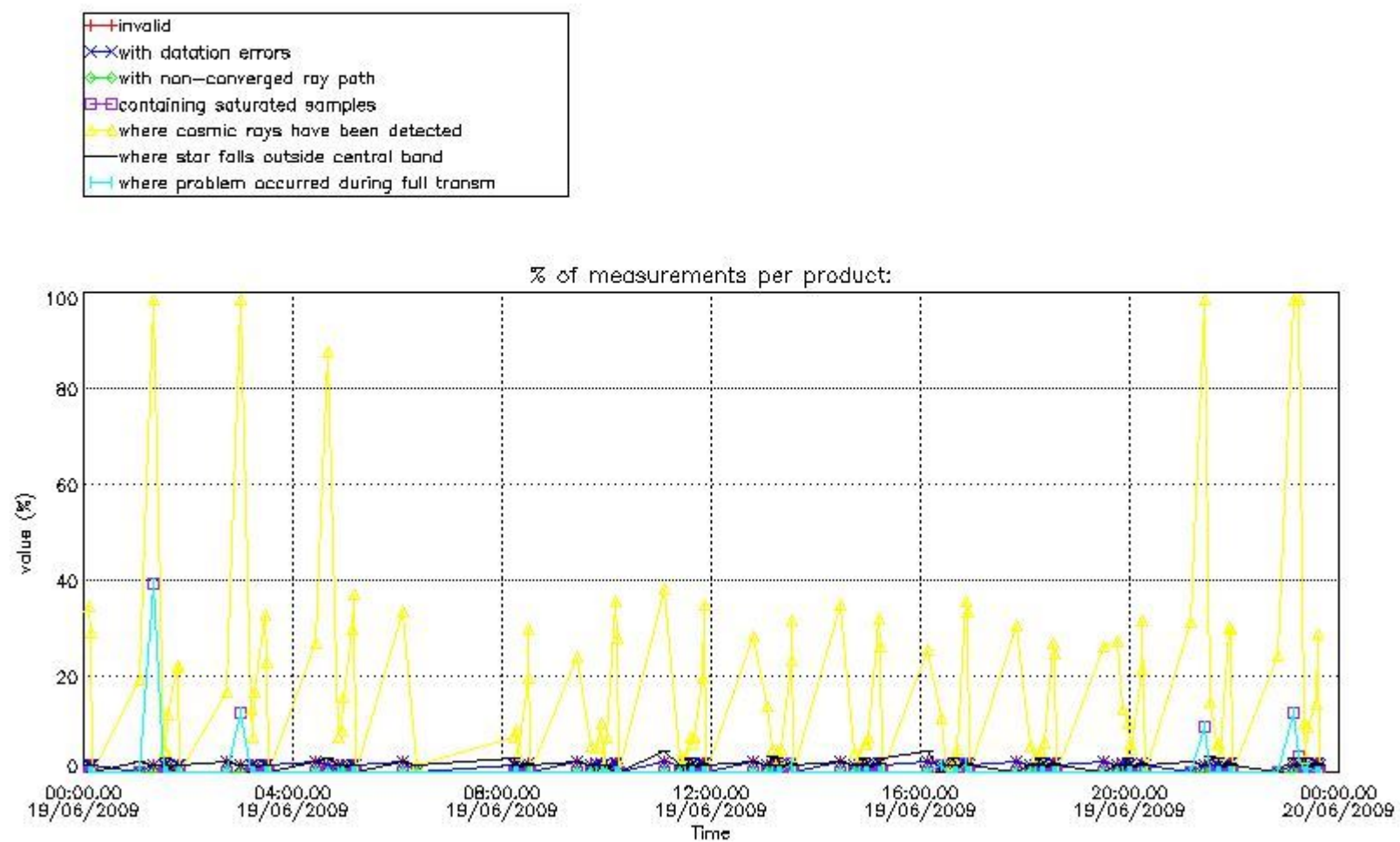


4. Level 1 quality information per product

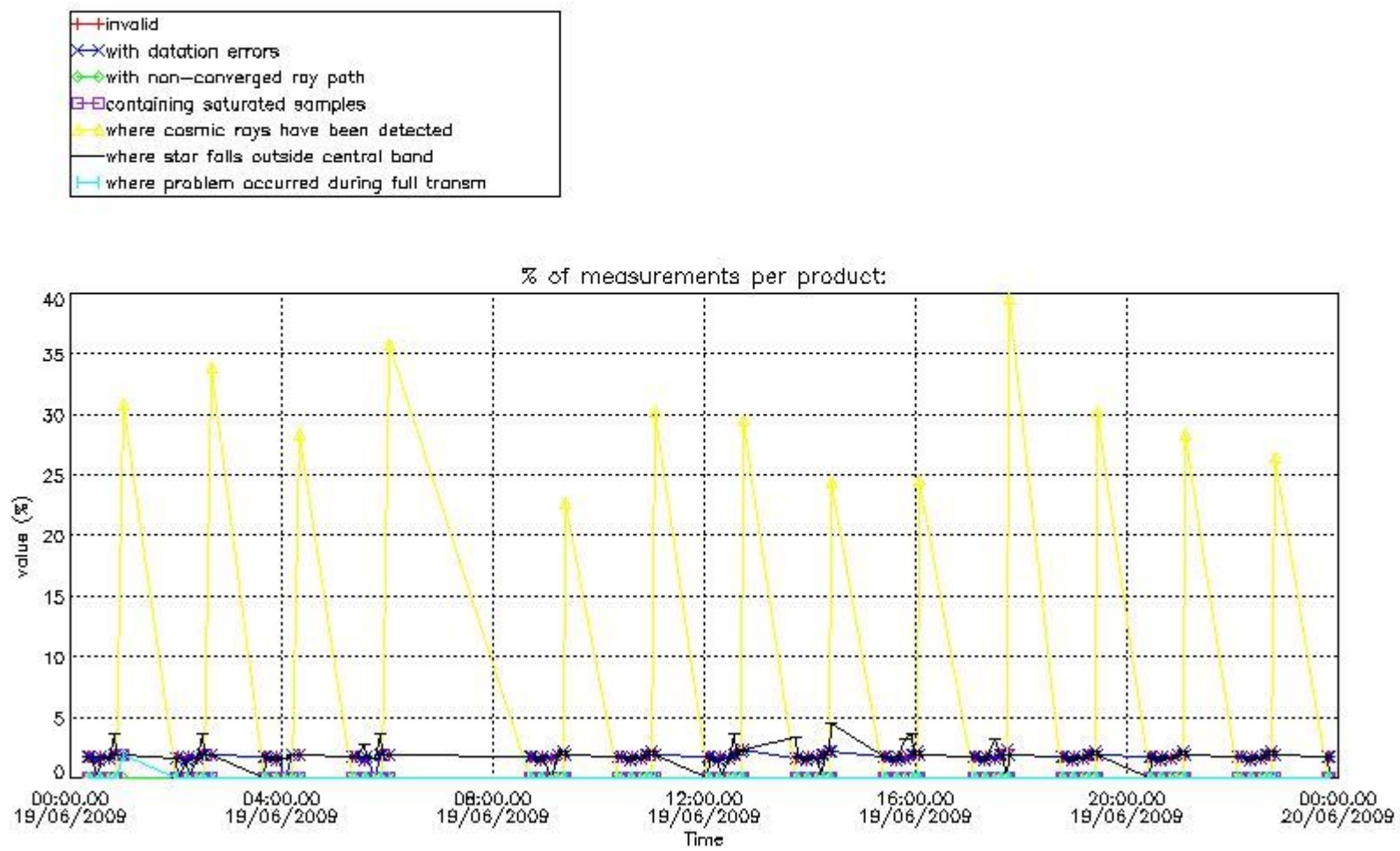
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

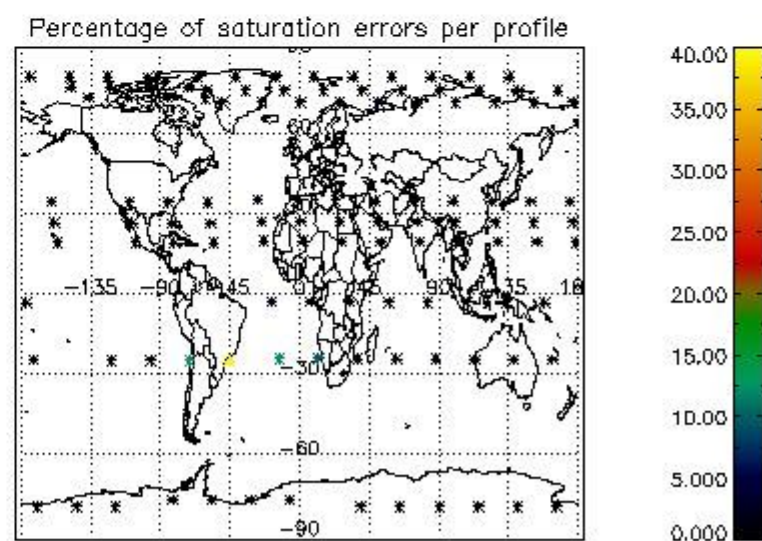
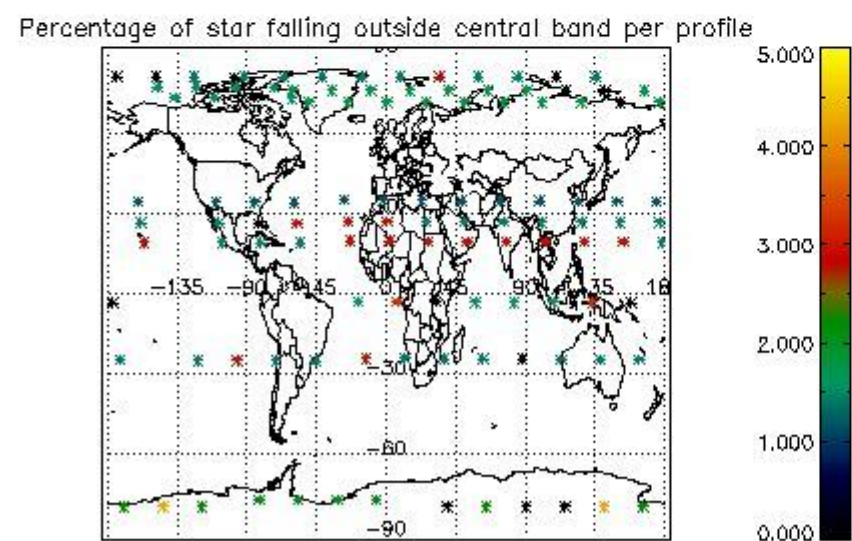
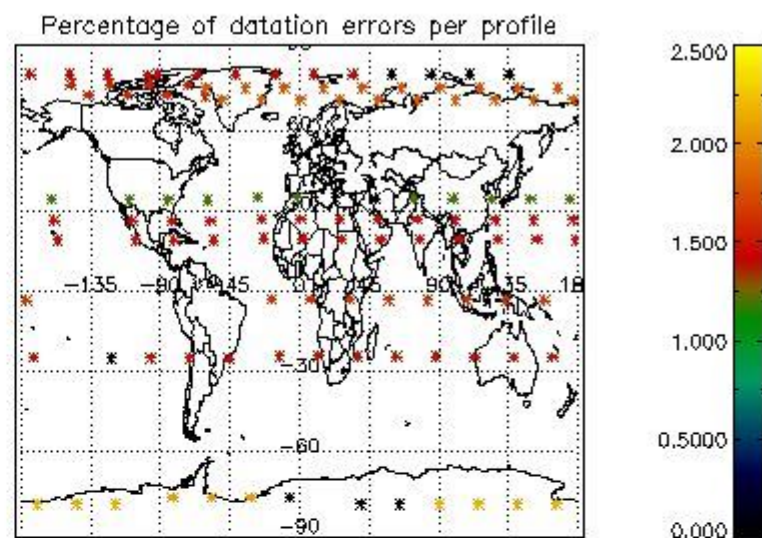
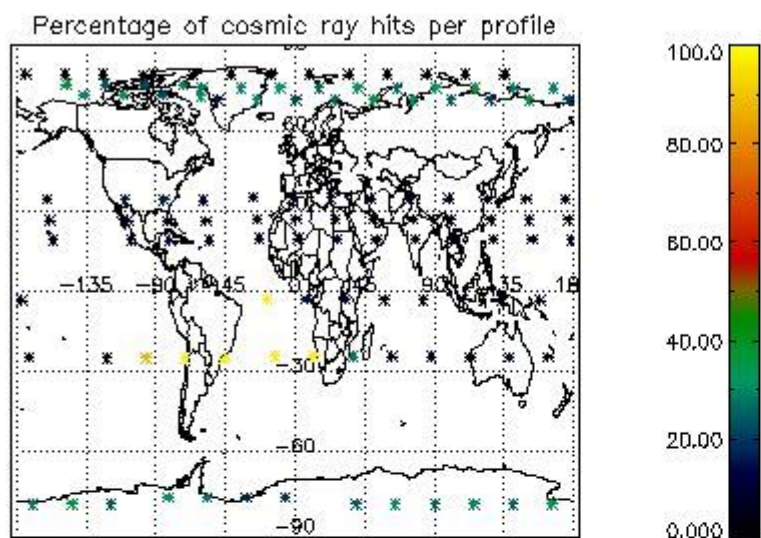


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

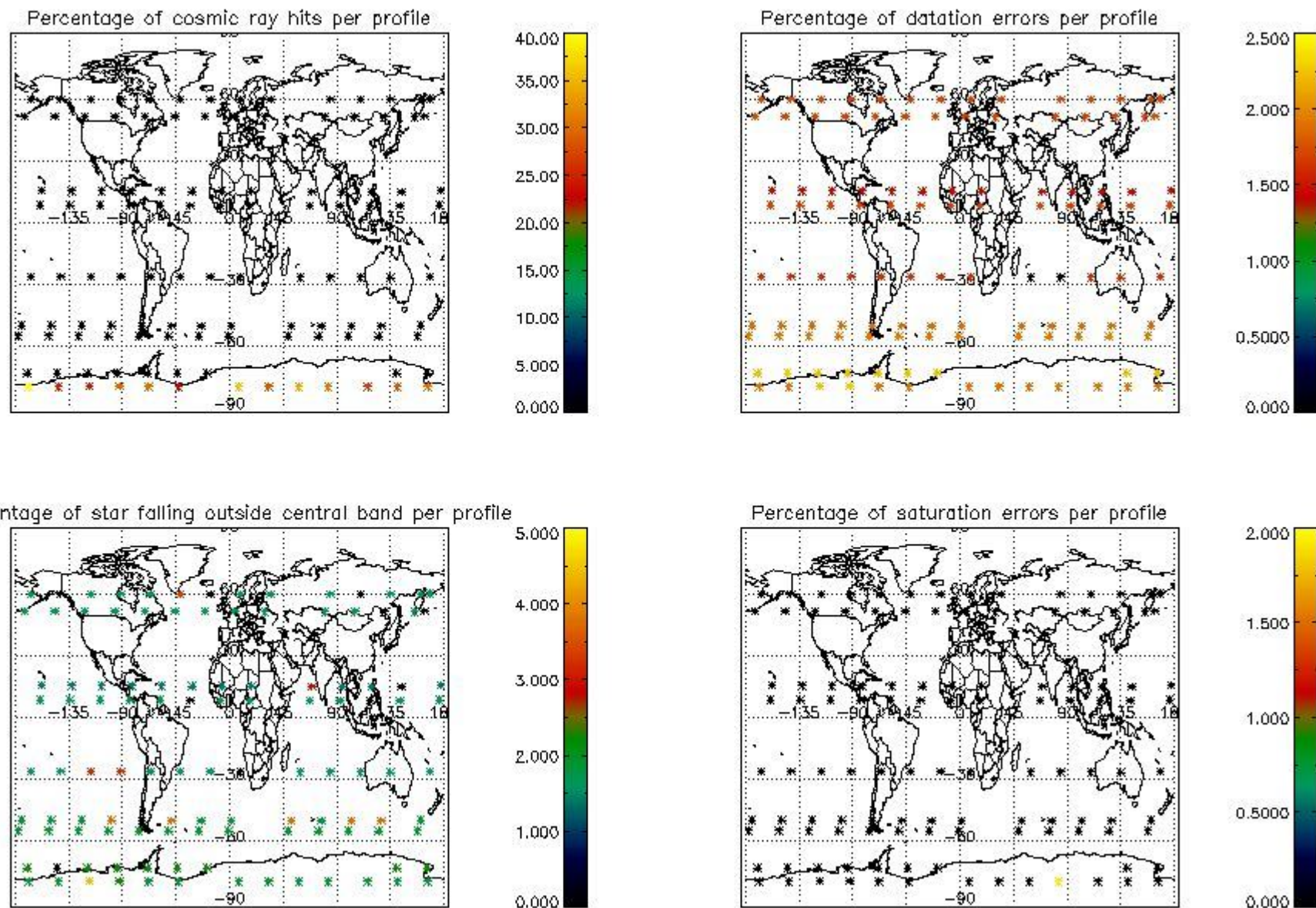


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

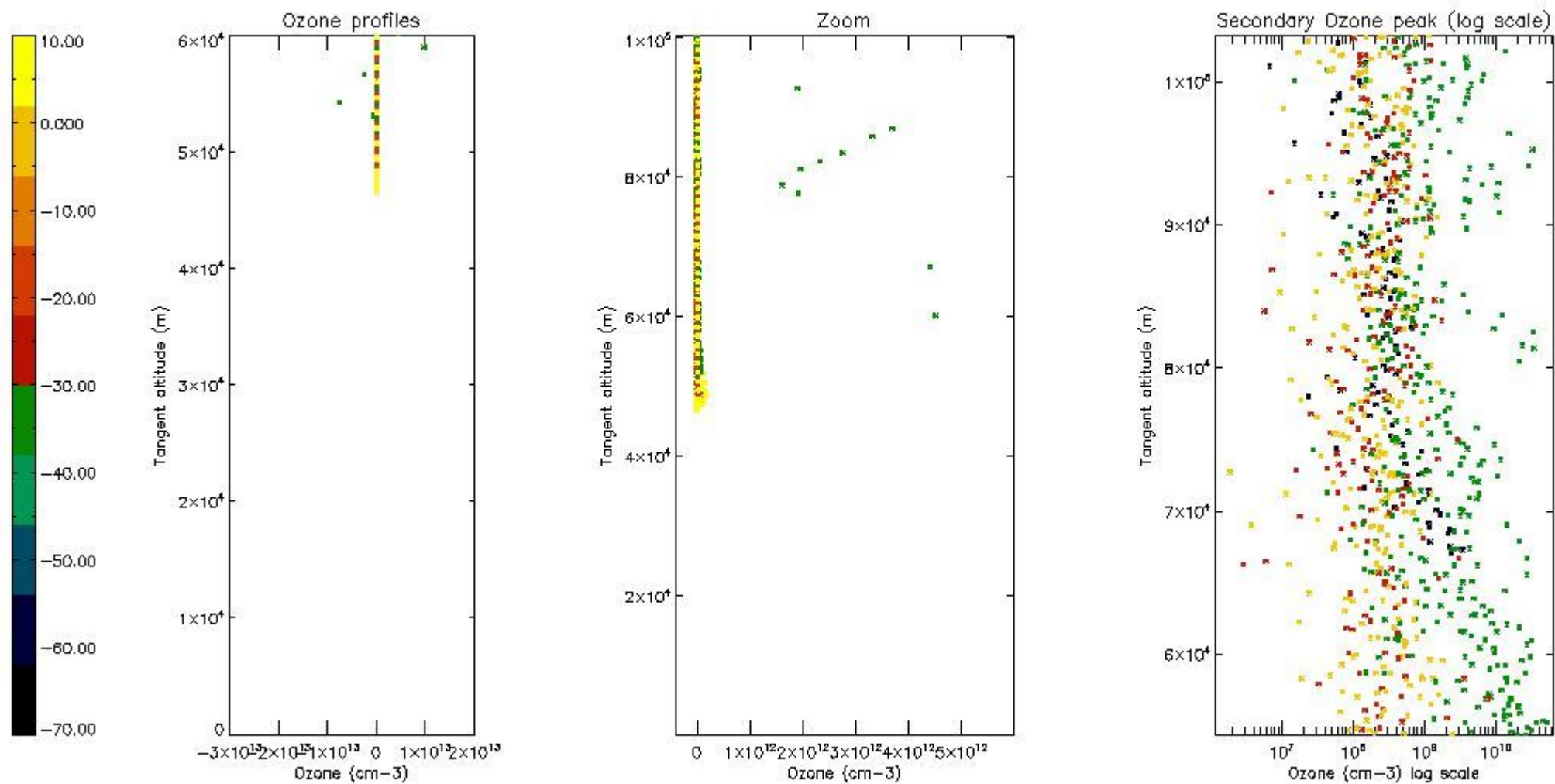
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	18
STD < 20	0

STD < 10	0
STD < 5	0

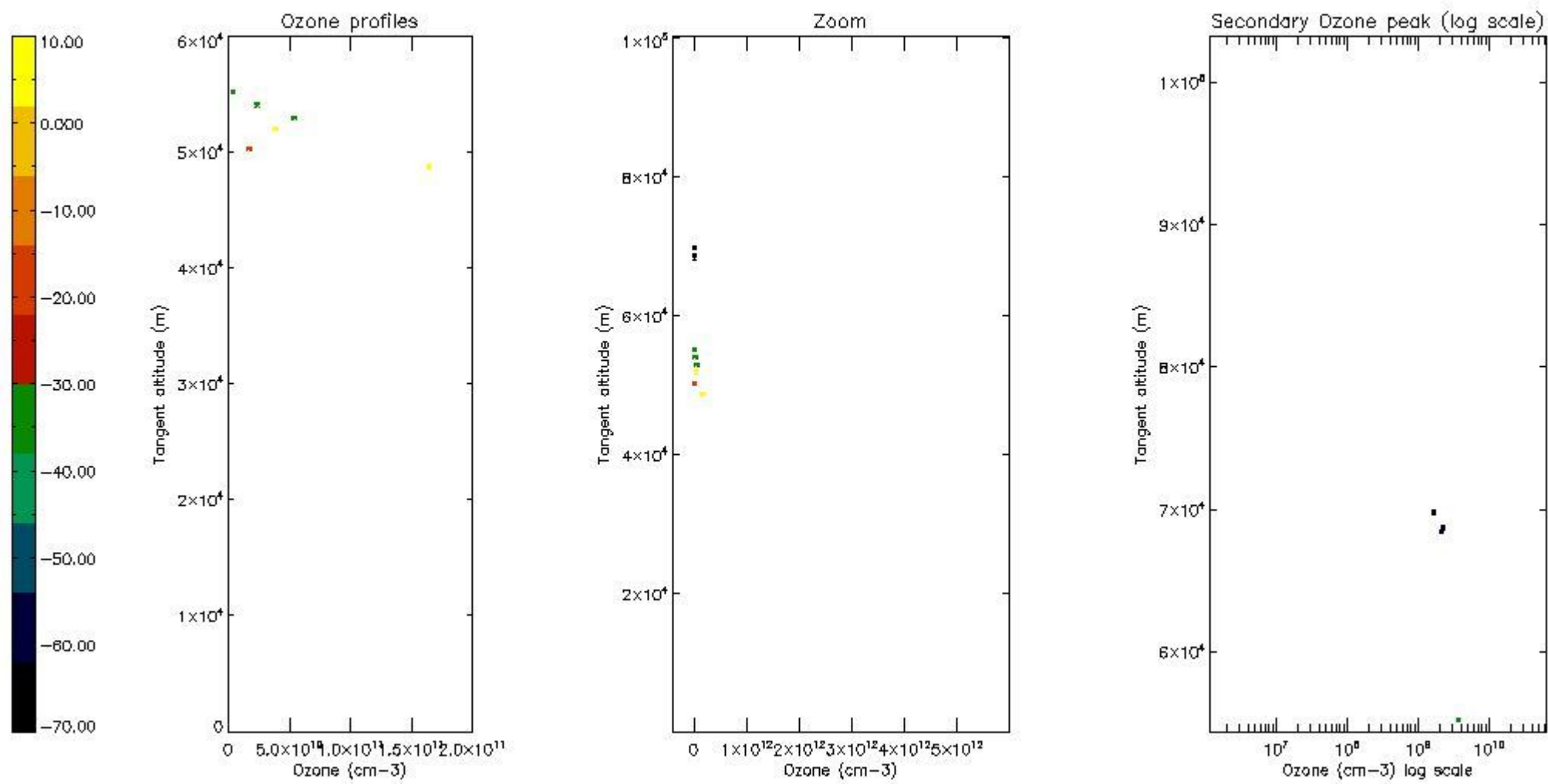
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



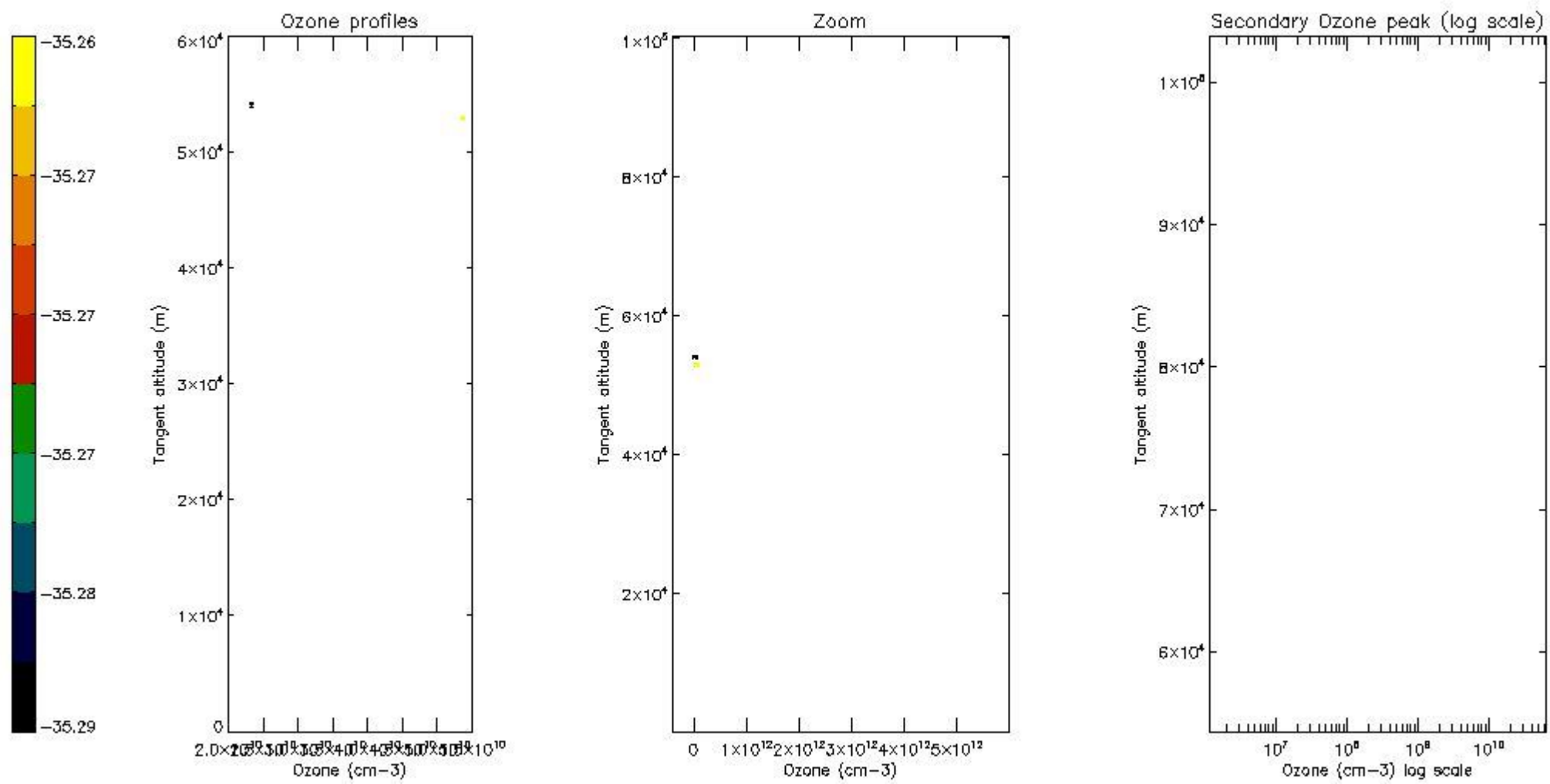
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



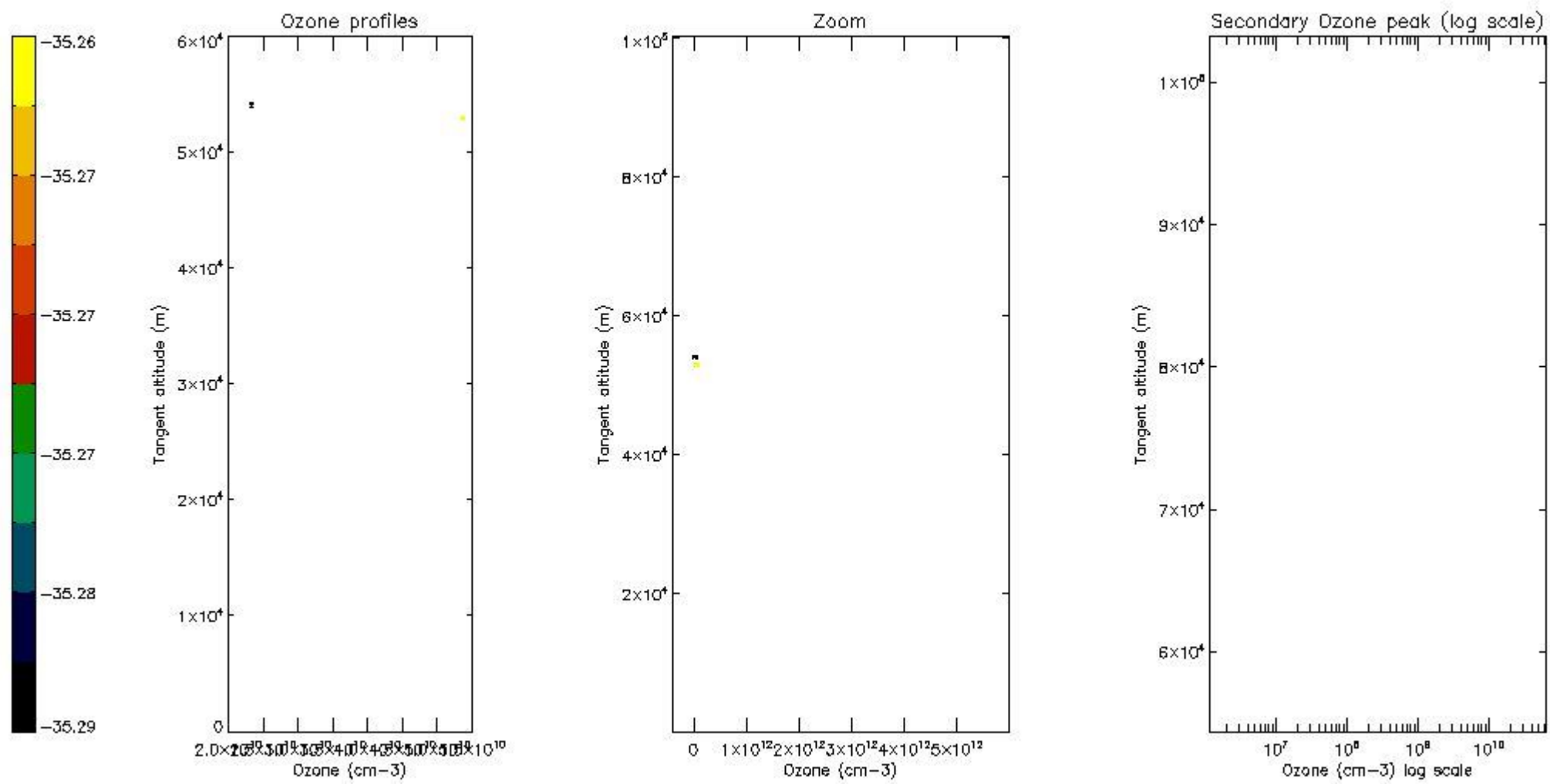
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



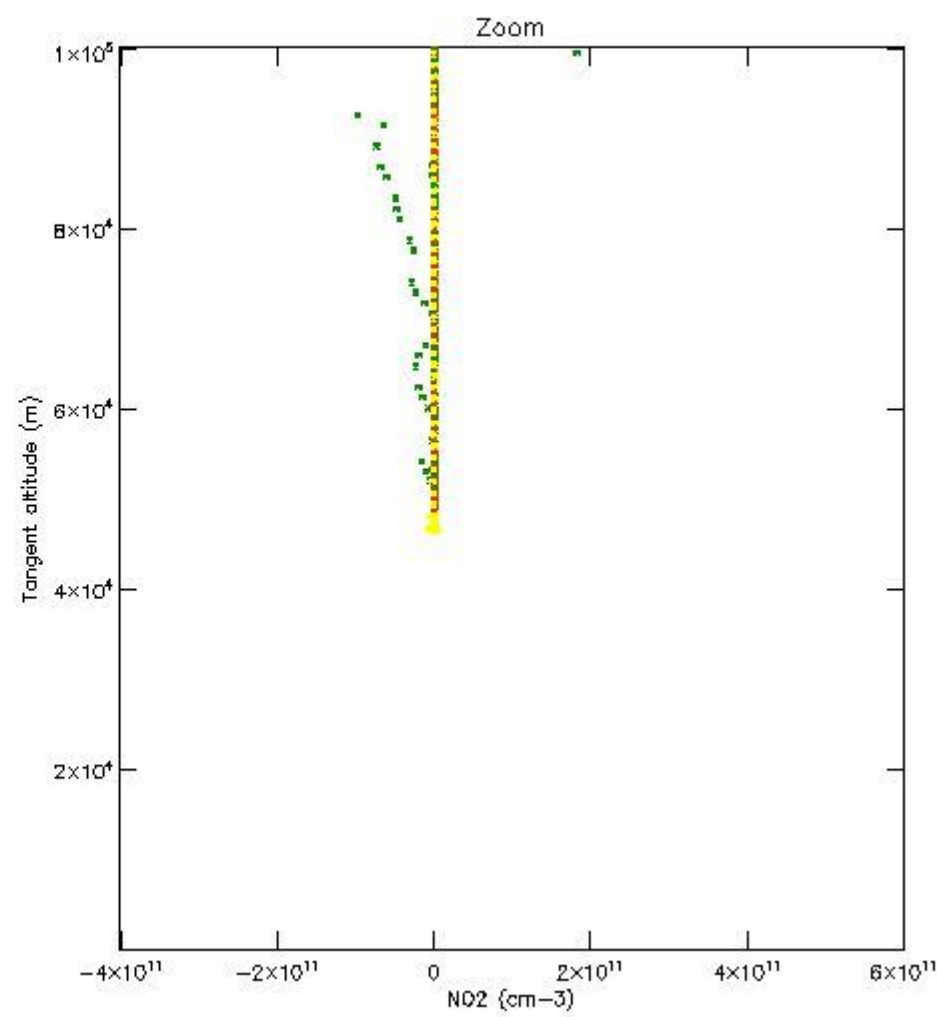
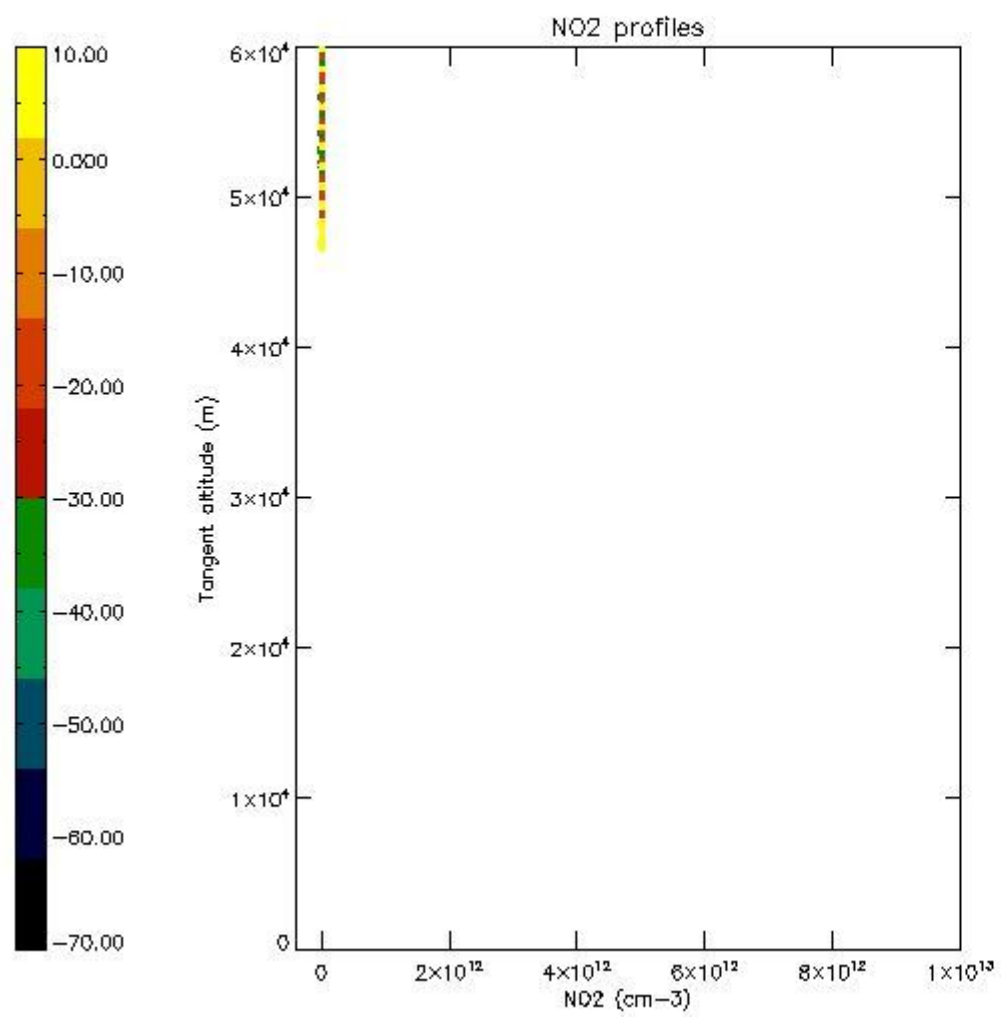
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



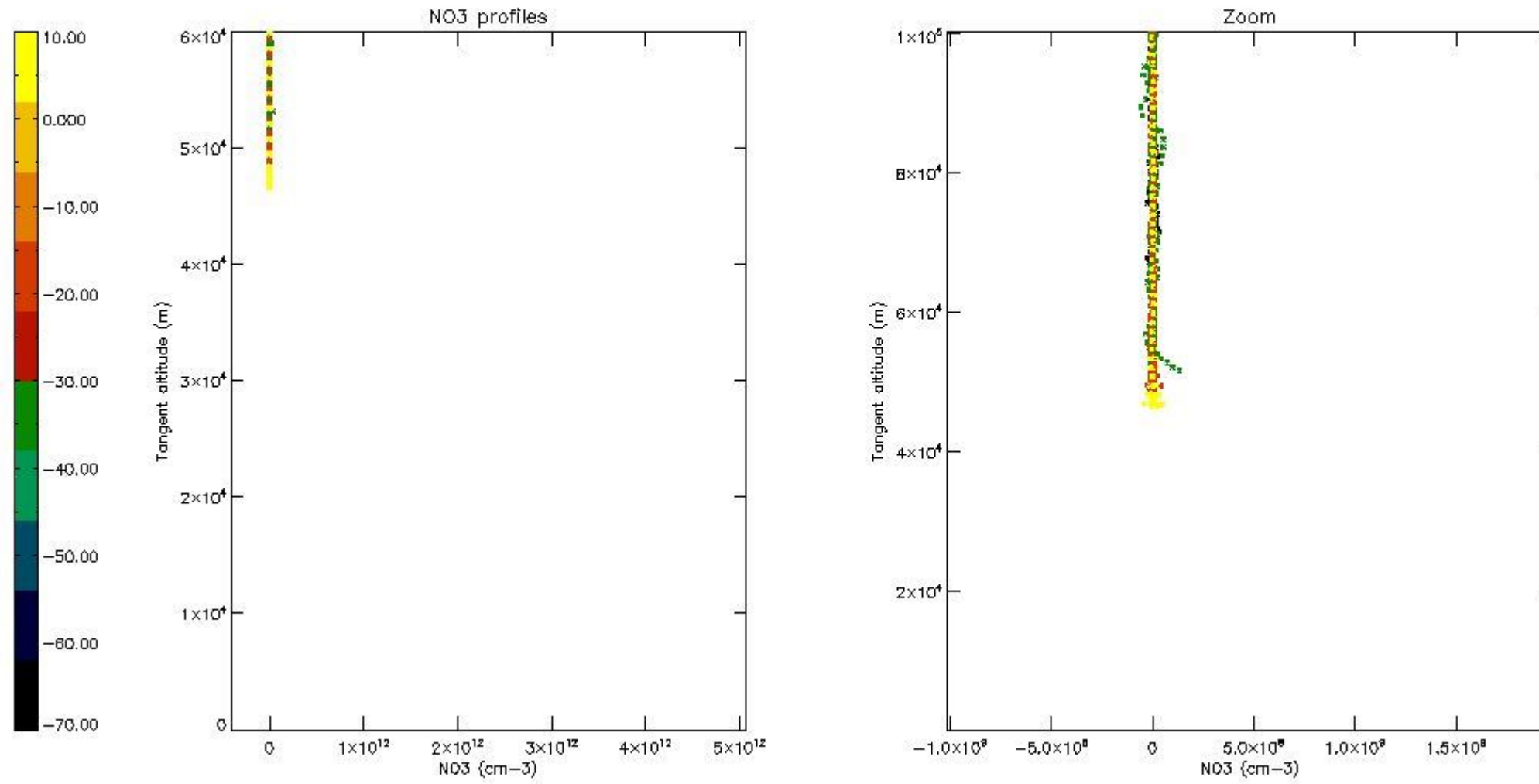
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	19-JUN-2009 00:06:46
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	19-JUN-2009 00:06:46
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	19-JUN-2009 00:06:46

GOMOS Level 2 Daily Report

SUMMARY

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[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 10:16:32
Data source version	GOMOS/6.01
Start time of products	19-06-2009 (19JUN2009 00:00:00)
Stop time of products	20-06-2009 (20JUN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	231
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

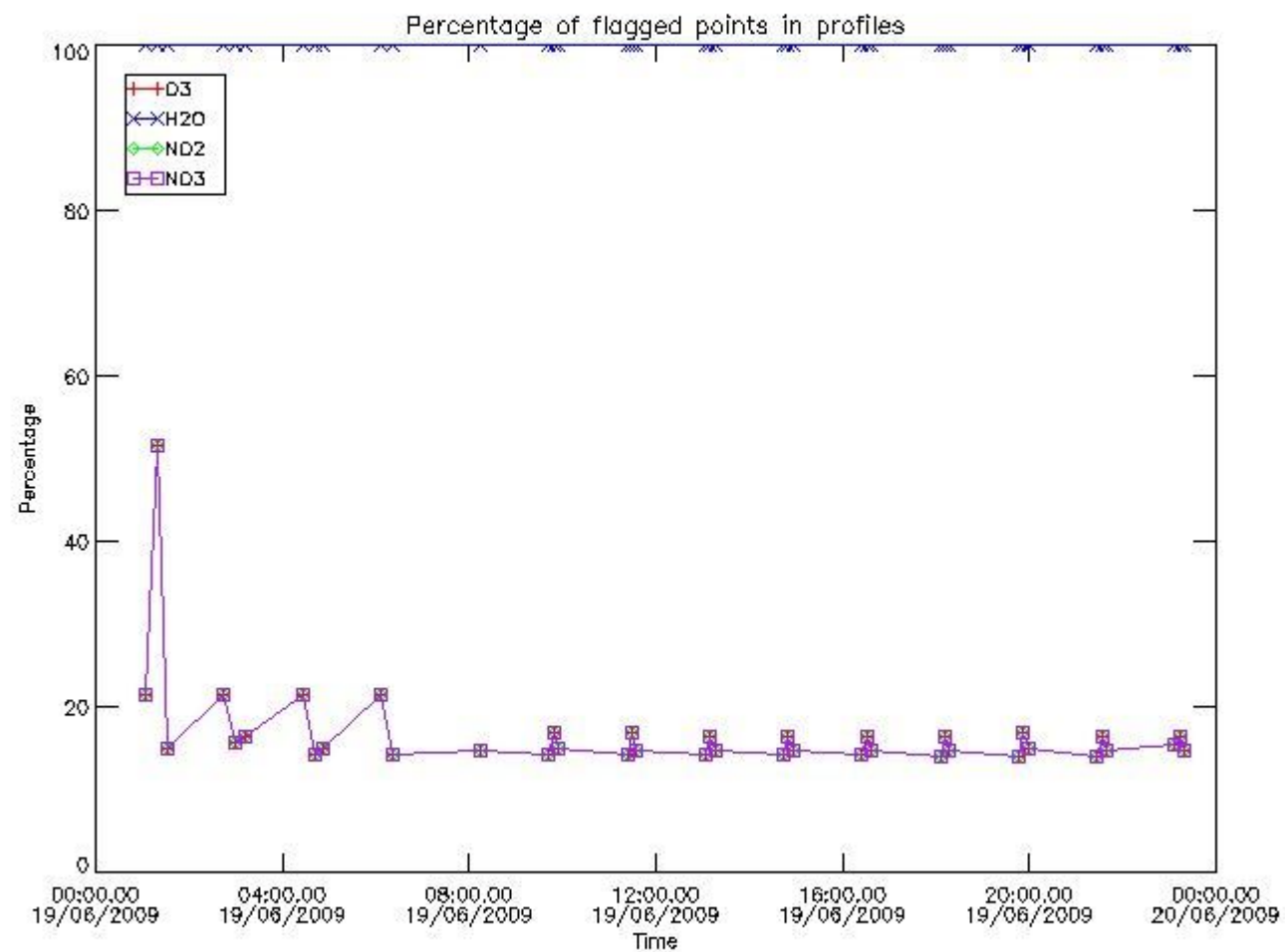
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20090619_000646_000000322080_00045_38175_4236.N1	19-JUN-2009 00:06:46	Twilight	32.000	103	38Zet Sgr	2.6000	9700.0	64	38175	No
2	GOM_NL__2PRFIN20090619_000811_000000332080_00045_38175_4237.N1	19-JUN-2009 00:08:11	Twilight	32.500	57	34Sig Sgr	2.0660	26000.	65	38175	No
3	GOM_NL__2PRFIN20090619_000954_000000362080_00045_38175_4238.N1	19-JUN-2009 00:09:54	Twilight	35.500	155	41Pi Sgr	2.9000	6600.0	71	38175	No
4	GOM_NL__2PRFIN20090619_001909_000000302080_00045_38175_4239.N1	19-JUN-2009 00:19:09	Twilight	29.500	126	60Bet Oph	2.7700	4250.0	59	38175	No
5	GOM_NL__2PRFIN20090619_002137_000000302080_00045_38175_4240.N1	19-JUN-2009 00:21:37	Bright	29.500	59	55Alp Oph	2.0800	8900.0	59	38175	No
6	GOM_NL__2PRFIN20090619_003153_000000362080_00045_38175_4241.N1	19-JUN-2009 00:31:53	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	38175	No
7	GOM_NL__2PRFIN20090619_003346_000000302080_00045_38175_4242.N1	19-JUN-2009 00:33:46	Bright	29.500	69	33Gam Dra	2.2310	3800.0	59	38175	No
8	GOM_NL__2PRFIN20090619_004332_000000322080_00045_38175_4243.N1	19-JUN-2009 00:43:32	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	38175	No
9	GOM_NL__2PRFIN20090619_005012_000000272080_00045_38175_4244.N1	19-JUN-2009 00:50:12	Twilight	27.000	74	11Bet Cas	2.2680	6600.0	54	38175	No
10	GOM_NL__2PRFIN20090619_005140_000000262080_00045_38175_4245.N1	19-JUN-2009 00:51:40	Twilight	25.500	68	18Alp Cas	2.2250	4500.0	51	38175	No
11	GOM_NL__2PRFIN20090619_005925_000000262080_00045_38175_4246.N1	19-JUN-2009 00:59:25	Twilight	26.000	53	43Bet And	2.0480	3300.0	52	38175	No
12	GOM_NL__2PRFIN20090619_010406_000000242080_00045_38175_4247.N1	19-JUN-2009 01:04:06	Dark	23.500	105	6Bet Ari	2.6450	8900.0	47	38175	No
13	GOM_NL__2PRFIN20090619_011925_000000362080_00045_38175_4248.N1	19-JUN-2009 01:19:25	Dark	35.500	52	16Bet Cet	2.0370	4500.0	71	38175	No
14	GOM_NL__2PRFIN20090619_013145_000000342080_00046_38176_4249.N1	19-JUN-2009 01:31:45	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38176	No
15	GOM_NL__2PRFIN20090619_013349_000000352080_00046_38176_4250.N1	19-JUN-2009 01:33:49	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	38176	No
16	GOM_NL__2PRFIN20090619_013559_000000422080_00046_38176_4251.N1	19-JUN-2009 01:35:59	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38176	No
17	GOM_NL__2PRFIN20090619_014723_000000322080_00046_38176_4252.N1	19-JUN-2009 01:47:23	Twilight	31.500	103	38Zet Sgr	2.6000	9700.0	63	38176	No
18	GOM_NL__2PRFIN20090619_014847_000000322080_00046_38176_4253.N1	19-JUN-2009 01:48:47	Twilight	32.000	57	34Sig Sgr	2.0660	26000.	64	38176	No
19	GOM_NL__2PRFIN20090619_015031_000000362080_00046_38176_4254.N1	19-JUN-2009 01:50:31	Twilight	35.500	155	41Pi Sgr	2.9000	6600.0	71	38176	No
20	GOM_NL__2PRFIN20090619_015944_000000302080_00046_38176_4255.N1	19-JUN-2009 01:59:44	Bright	30.000	126	60Bet Oph	2.7700	4250.0	60	38176	No
21	GOM_NL__2PRFIN20090619_020212_000000302080_00046_38176_4256.N1	19-JUN-2009 02:02:12	Bright	29.500	59	55Alp Oph	2.0800	8900.0	59	38176	No
22	GOM_NL__2PRFIN20090619_021228_000000362080_00046_38176_4257.N1	19-JUN-2009 02:12:28	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	38176	No
23	GOM_NL__2PRFIN20090619_021422_000000302080_00046_38176_4258.N1	19-JUN-2009 02:14:22	Bright	29.500	69	33Gam Dra	2.2310	3800.0	59	38176	No
24	GOM_NL__2PRFIN20090619_022407_000000322080_00046_38176_4259.N1	19-JUN-2009 02:24:07	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	38176	No
25	GOM_NL__2PRFIN20090619_023048_000000272080_00046_38176_4260.N1	19-JUN-2009 02:30:48	Twilight	27.000	74	11Bet Cas	2.2680	6600.0	54	38176	No
26	GOM_NL__2PRFIN20090619_023215_000000262080_00046_38176_4261.N1	19-JUN-2009 02:32:15	Twilight	26.000	68	18Alp Cas	2.2250	4500.0	52	38176	No
27	GOM_NL__2PRFIN20090619_024001_000000272080_00046_38176_4262.N1	19-JUN-2009 02:40:01	Twilight	26.500	53	43Bet And	2.0480	3300.0	53	38176	No
28	GOM_NL__2PRFIN20090619_024442_000000242080_00046_38176_4263.N1	19-JUN-2009 02:44:42	Dark	24.000	105	6Bet Ari	2.6450	8900.0	48	38176	No
29	GOM_NL__2PRFIN20090619_030002_000000362080_00046_38176_4264.N1	19-JUN-2009 03:00:02	Dark	36.000	52	16Bet Cet	2.0370	4500.0	72	38176	No
30	GOM_NL__2PRFIN20090619_031222_000000342080_00047_38177_4263.N1	19-JUN-2009 03:12:22	Dark	34.000	63	Bet Gru	2.1500	2800.0	68	38177	No
31	GOM_NL__2PRFIN20090619_031426_000000342080_00047_38177_4264.N1	19-JUN-2009 03:14:26	Straylight	34.000	31	Alp Gru	1.7340	15200.	68	38177	No
32	GOM_NL__2PRFIN20090619_031636_000000422080_00047_38177_4265.N1	19-JUN-2009 03:16:36	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38177	No
33	GOM_NL__2PRFIN20090619_032759_000000322080_00047_38177_4266.N1	19-JUN-2009 03:27:59	Twilight	32.000	103	38Zet Sgr	2.6000	9700.0	64	38177	No
34	GOM_NL__2PRFIN20090619_032923_000000332080_00047_38177_4267.N1	19-JUN-2009 03:29:23	Twilight	32.500	57	34Sig Sgr	2.0660	26000.	65	38177	No
35	GOM_NL__2PRFIN20090619_033106_000000362080_00047_38177_4268.N1	19-JUN-2009 03:31:06	Twilight	35.500	155	41Pi Sgr	2.9000	6600.0	71	38177	No
36	GOM_NL__2PRFIN20090619_034020_000000302080_00047_38177_4269.N1	19-JUN-2009 03:40:20	Twilight	29.500	126	60Bet Oph	2.7700	4250.0	59	38177	No
37	GOM_NL__2PRFIN20090619_034248_000000302080_00047_38177_4270.N1	19-JUN-2009 03:42:48	Bright	29.500	59	55Alp Oph	2.0800	8900.0	59	38177	No
38	GOM_NL__2PRFIN20090619_035303_000000362080_00047_38177_4271.N1	19-JUN-2009 03:53:03	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	38177	No
39	GOM_NL__2PRFIN20090619_035457_000000302080_00047_38177_4272.N1	19-JUN-2009 03:54:57	Bright	29.500	69	33Gam Dra	2.2310	3800.0	59	38177	No
40	GOM_NL__2PRFIN20090619_040443_000000312080_00047_38177_4273.N1	19-JUN-2009 04:04:43	Twilight	30.500	89	5Alp Cep	2.4510	8000.0	61	38177	No
41	GOM_NL__2PRFIN20090619_041124_000000272080_00047_38177_4274.N1	19-JUN-2009 04:11:24	Twilight	27.000	74	11Bet Cas	2.2680	6600.0	54	38177	No
42	GOM_NL__2PRFIN20090619_041251_000000262080_00047_38177_4275.N1	19-JUN-2009 04:12:51	Twilight	26.000	68	18Alp Cas	2.2250	4500.0	52	38177	No

220	GOM_NL__2PRFIN20090619_224713_000000272080_00058_38188_4459.N1	19-JUN-2009 22:47:13	Twilight	26.500	53	43Bet And	2.0480	3300.0	53	38188	No
221	GOM_NL__2PRFIN20090619_225052_000000232080_00058_38188_4460.N1	19-JUN-2009 22:50:52	Twilight	22.500	50	13Alp Ari	2.0070	4250.0	45	38188	No
222	GOM_NL__2PRFIN20090619_230727_000000372080_00058_38188_4461.N1	19-JUN-2009 23:07:27	Dark	36.500	52	16Bet Cet	2.0370	4500.0	73	38188	No
223	GOM_NL__2PRFIN20090619_231323_000000312080_00058_38188_4462.N1	19-JUN-2009 23:13:23	Dark	31.000	84	Alp Phe	2.3970	4500.0	62	38188	No
224	GOM_NL__2PRFIN20090619_231945_000000352080_00059_38189_4462.N1	19-JUN-2009 23:19:45	Dark	34.500	63	Bet Gru	2.1500	2800.0	69	38189	No
225	GOM_NL__2PRFIN20090619_232149_000000352080_00059_38189_4463.N1	19-JUN-2009 23:21:49	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	38189	No
226	GOM_NL__2PRFIN20090619_232403_000000422080_00059_38189_4464.N1	19-JUN-2009 23:24:03	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38189	No
227	GOM_NL__2PRFIN20090619_233441_000000282080_00059_38189_4465.N1	19-JUN-2009 23:34:41	Twilight	28.000	38	20Eps Sgr	1.8360	11000.	56	38189	No
228	GOM_NL__2PRFIN20090619_233608_000000282080_00059_38189_4466.N1	19-JUN-2009 23:36:08	Twilight	28.000	116	19Del Sgr	2.7000	4100.0	56	38189	No
229	GOM_NL__2PRFIN20090619_233821_000000352080_00059_38189_4467.N1	19-JUN-2009 23:38:21	Twilight	35.000	155	41Pi Sgr	2.9000	6600.0	70	38189	No
230	GOM_NL__2PRFIN20090619_234729_000000302080_00059_38189_4468.N1	19-JUN-2009 23:47:29	Bright	29.500	126	60Bet Oph	2.7700	4250.0	59	38189	No
231	GOM_NL__2PRFIN20090619_234956_000000292080_00059_38189_4469.N1	19-JUN-2009 23:49:56	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38189	No

3. Quality information per product

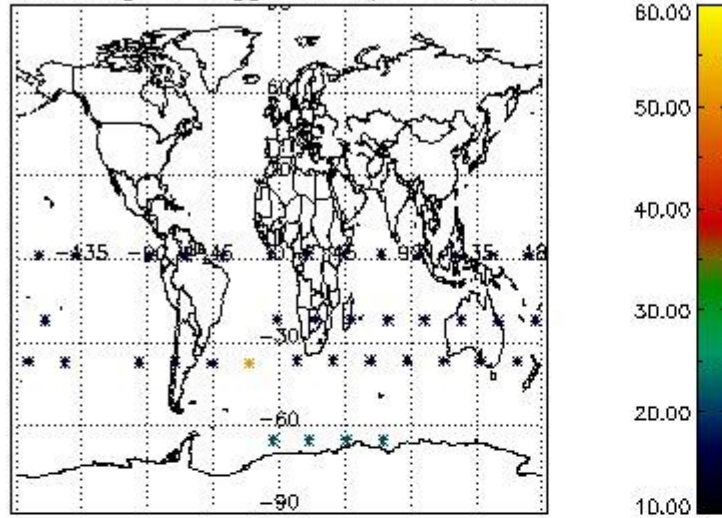
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

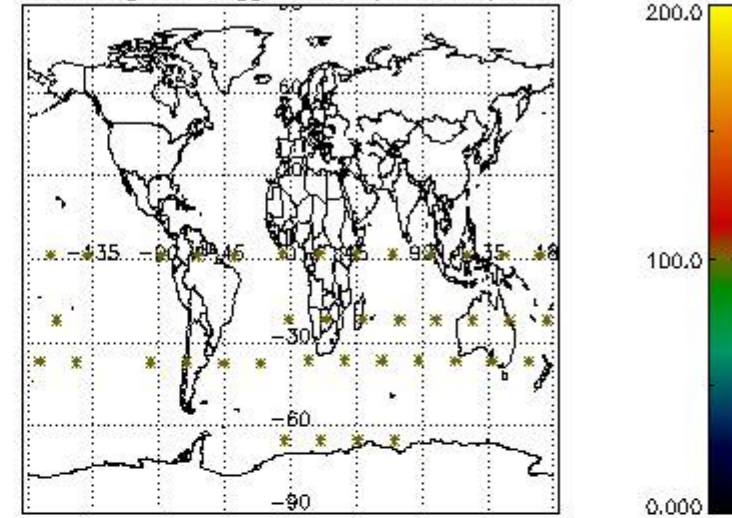


3.2 Plot quality information per product (world map)

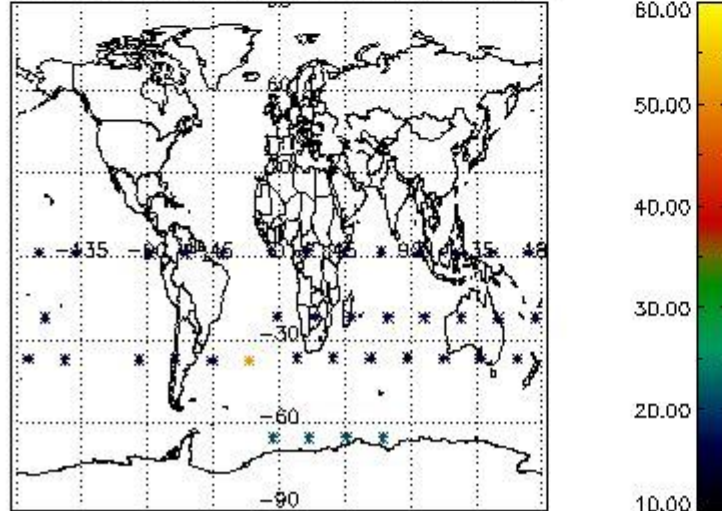
Percentage of flagged data per O3 profile



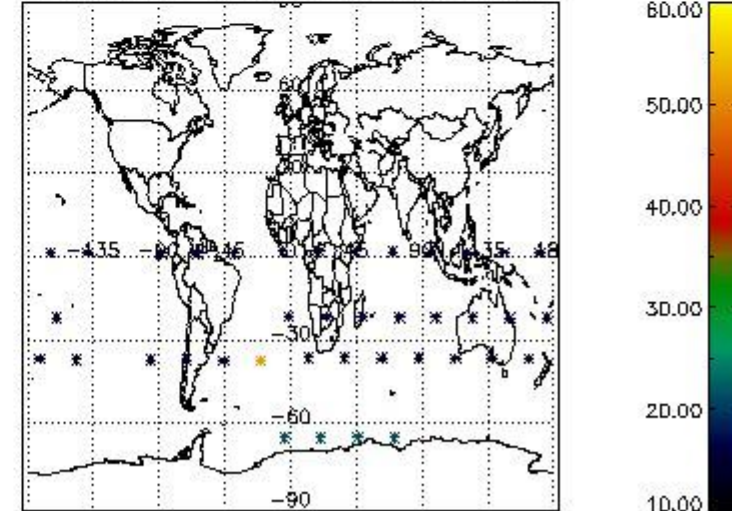
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

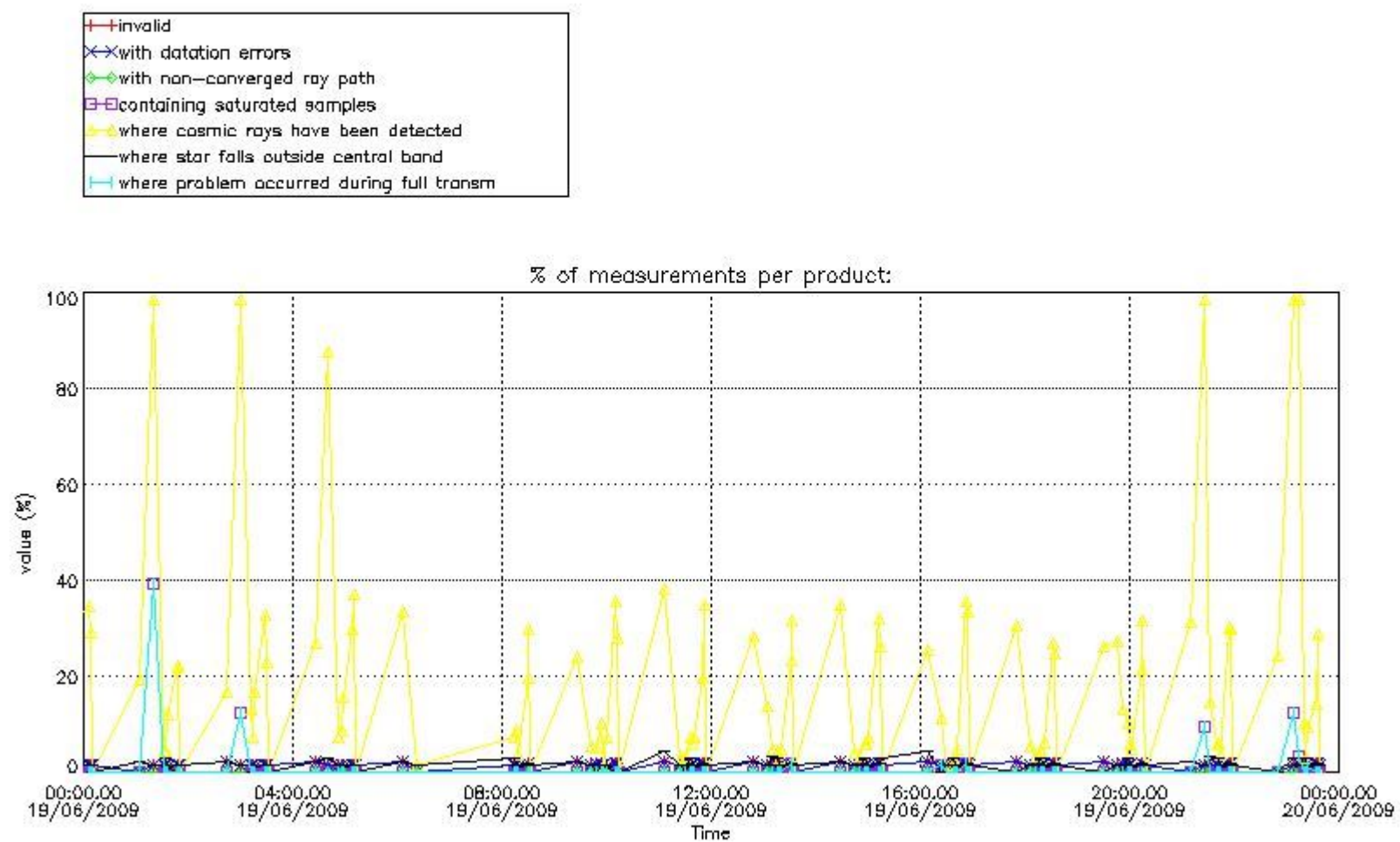


4. Level 1 quality information per product

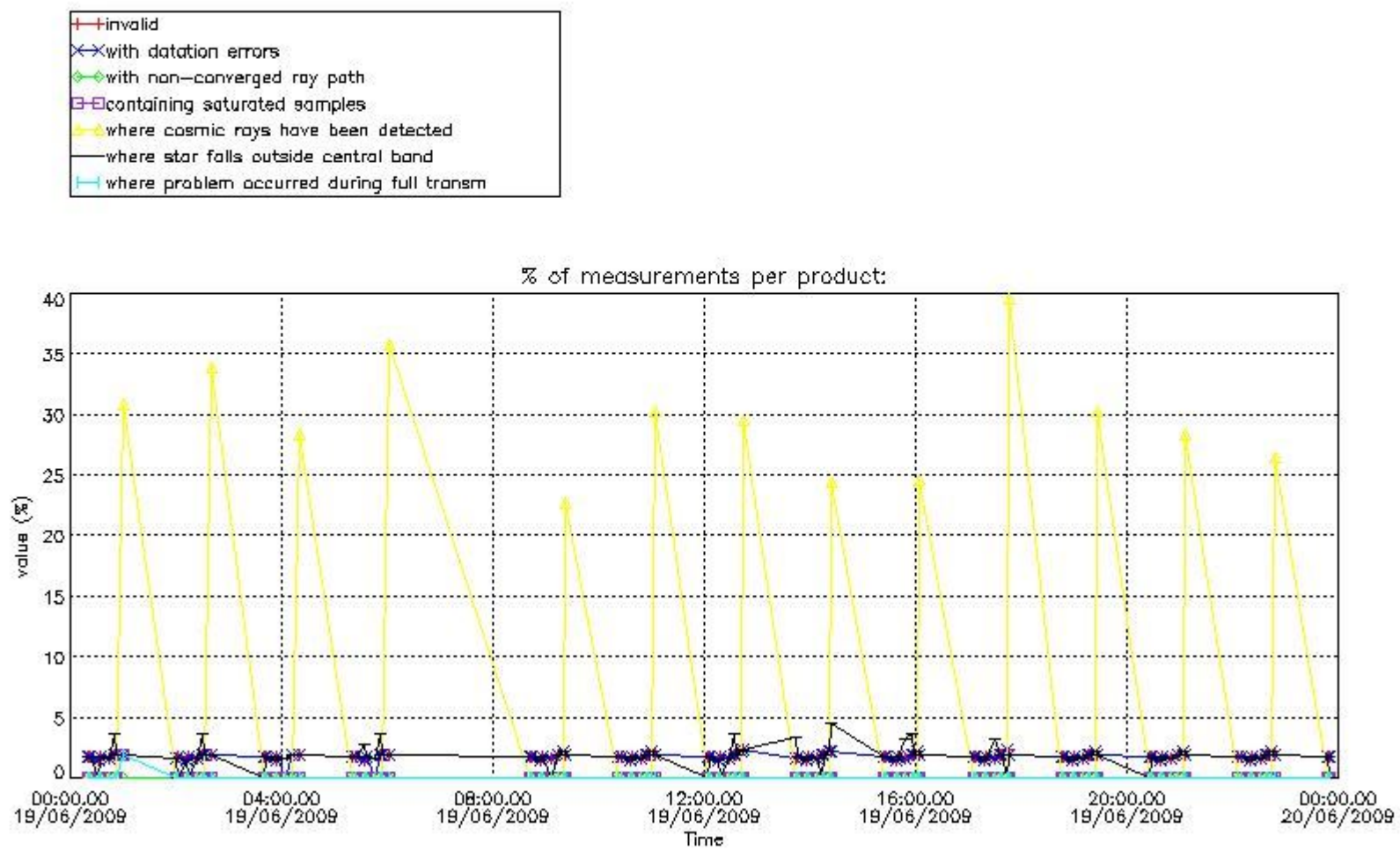
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

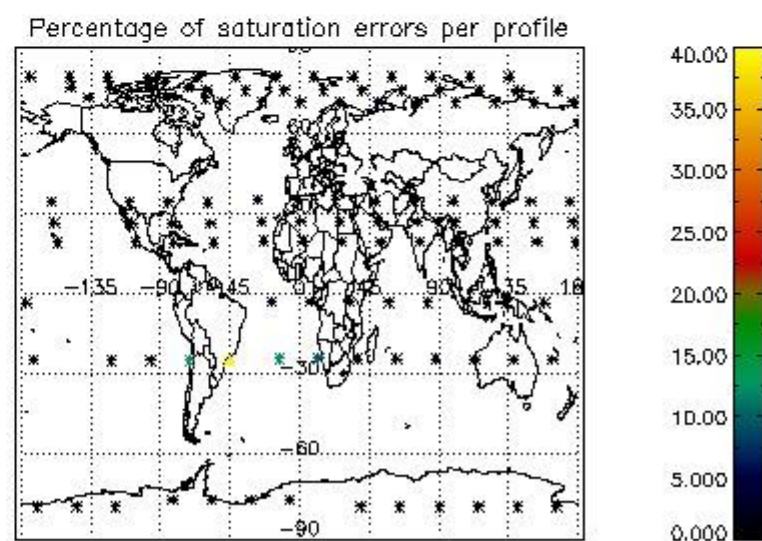
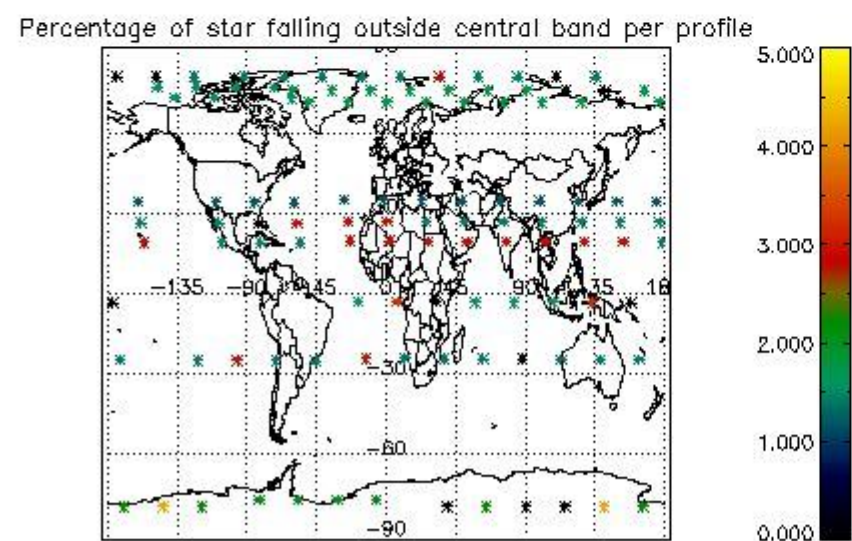
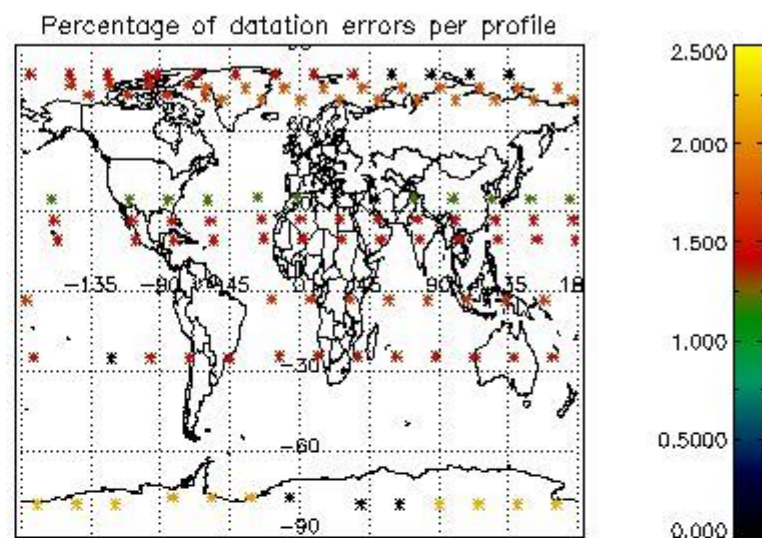
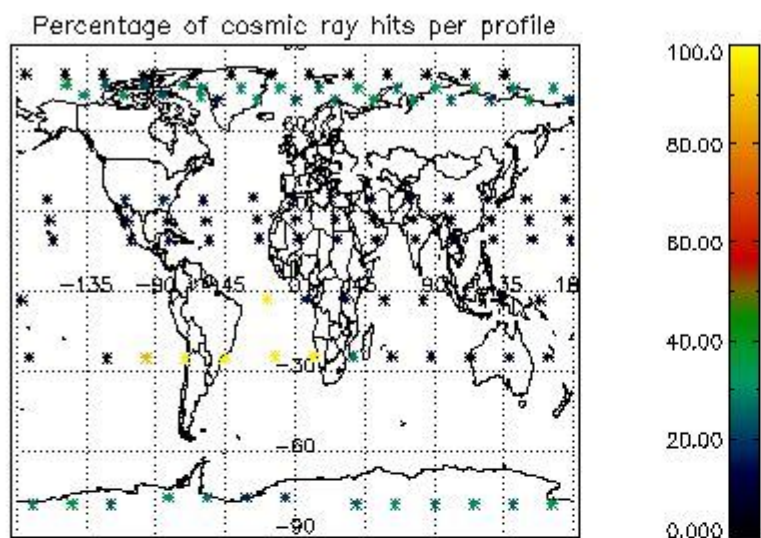


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

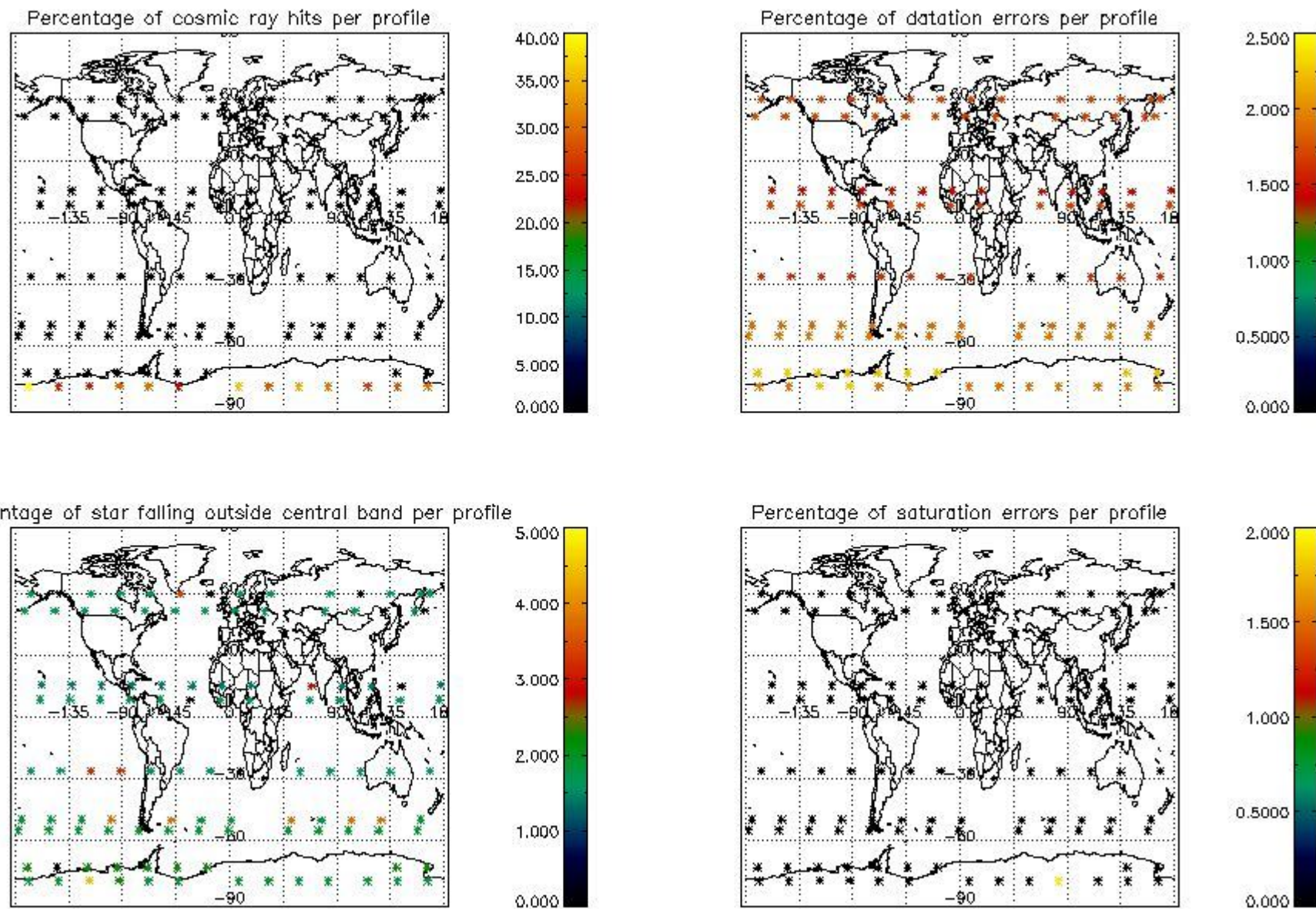


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

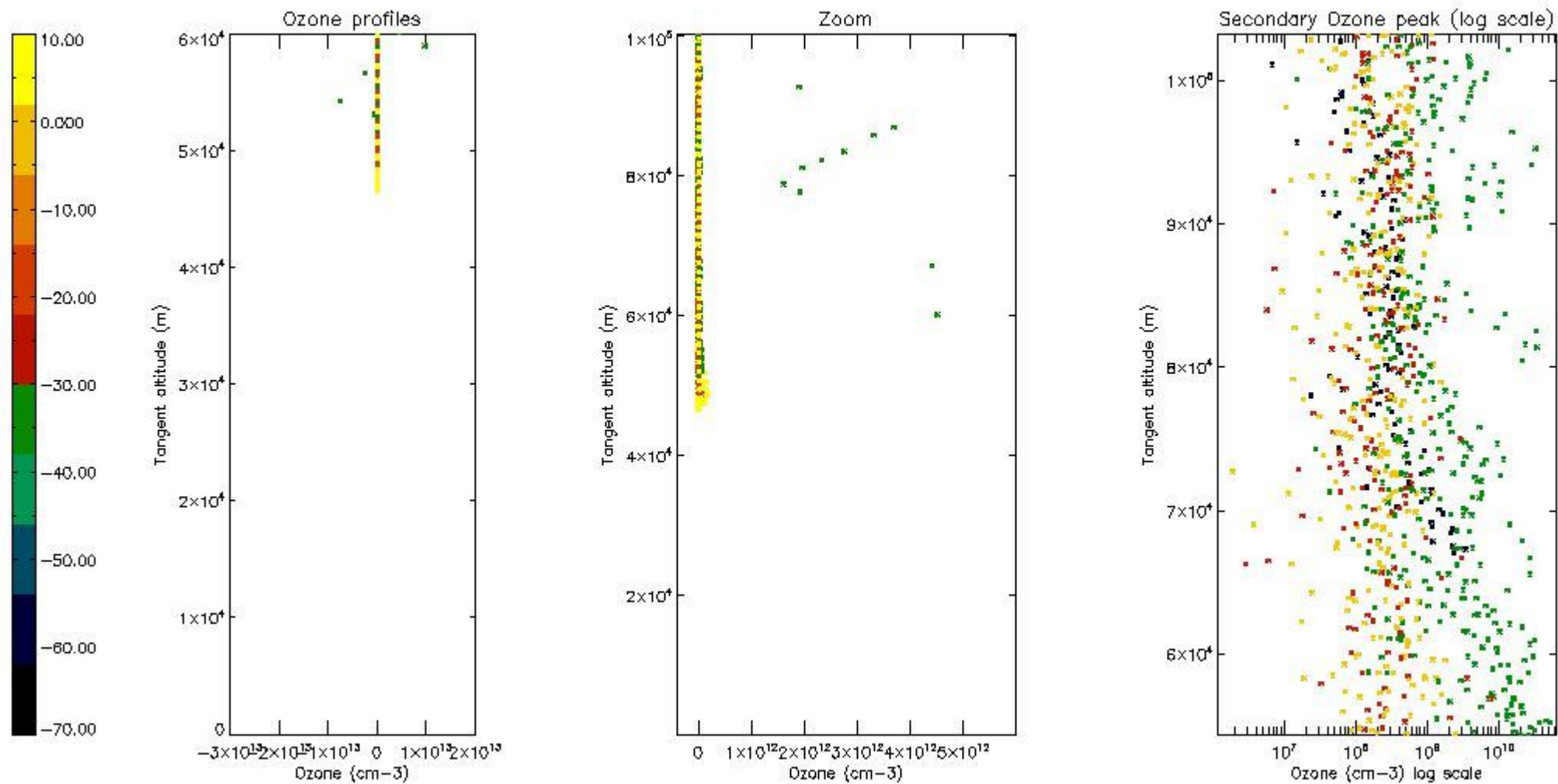
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	18
STD < 20	0

STD < 10	0
STD < 5	0

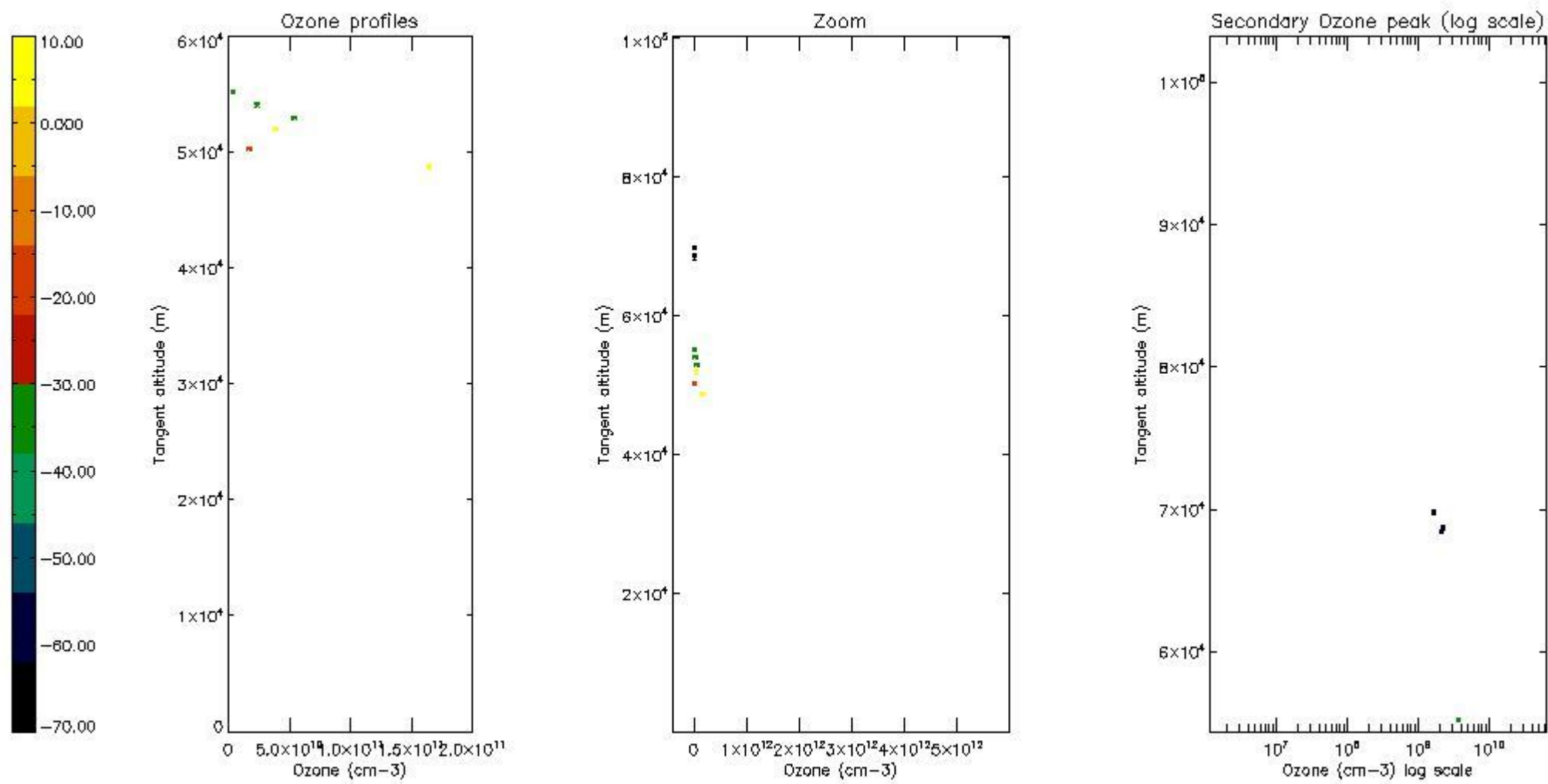
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



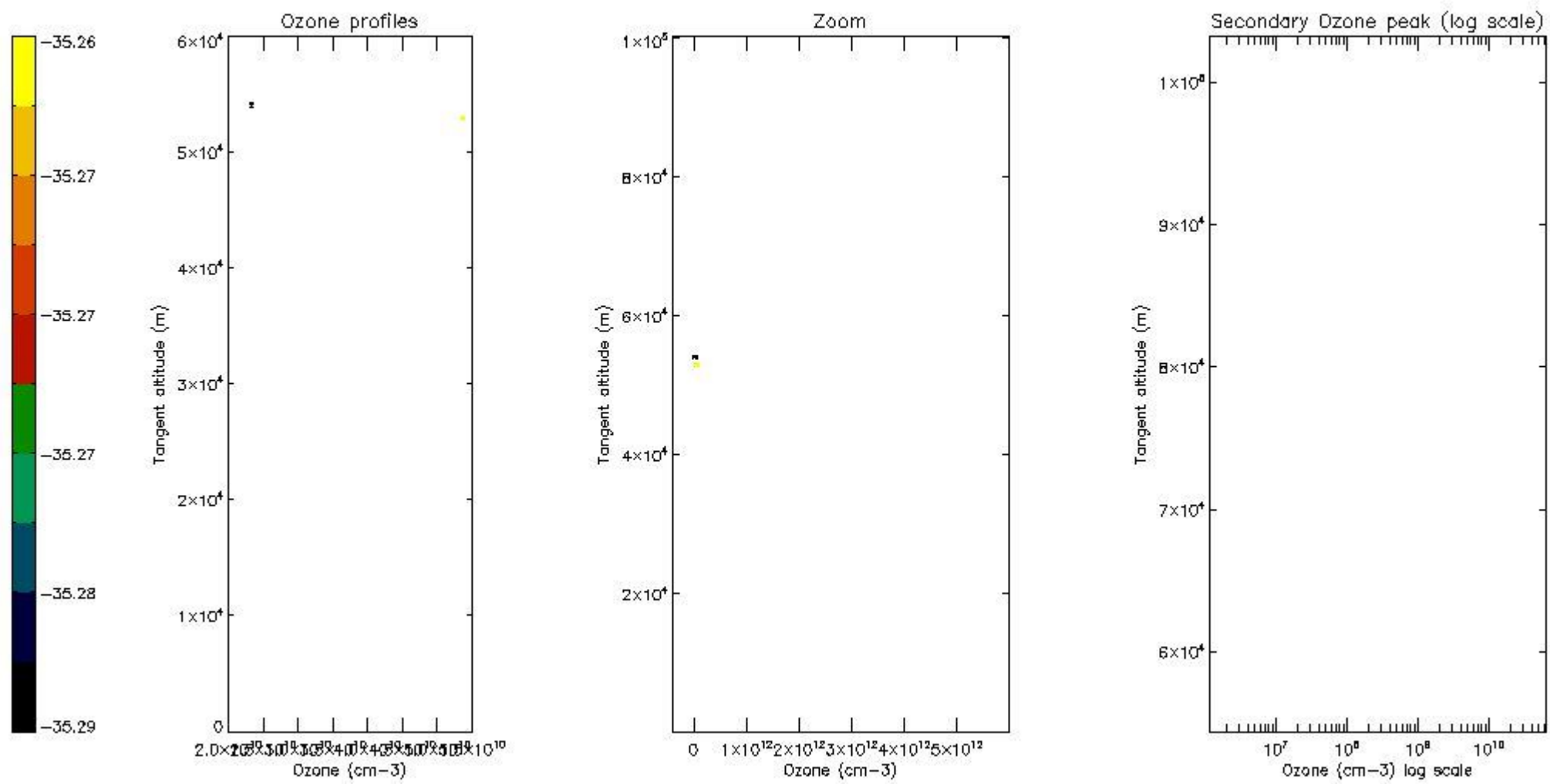
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



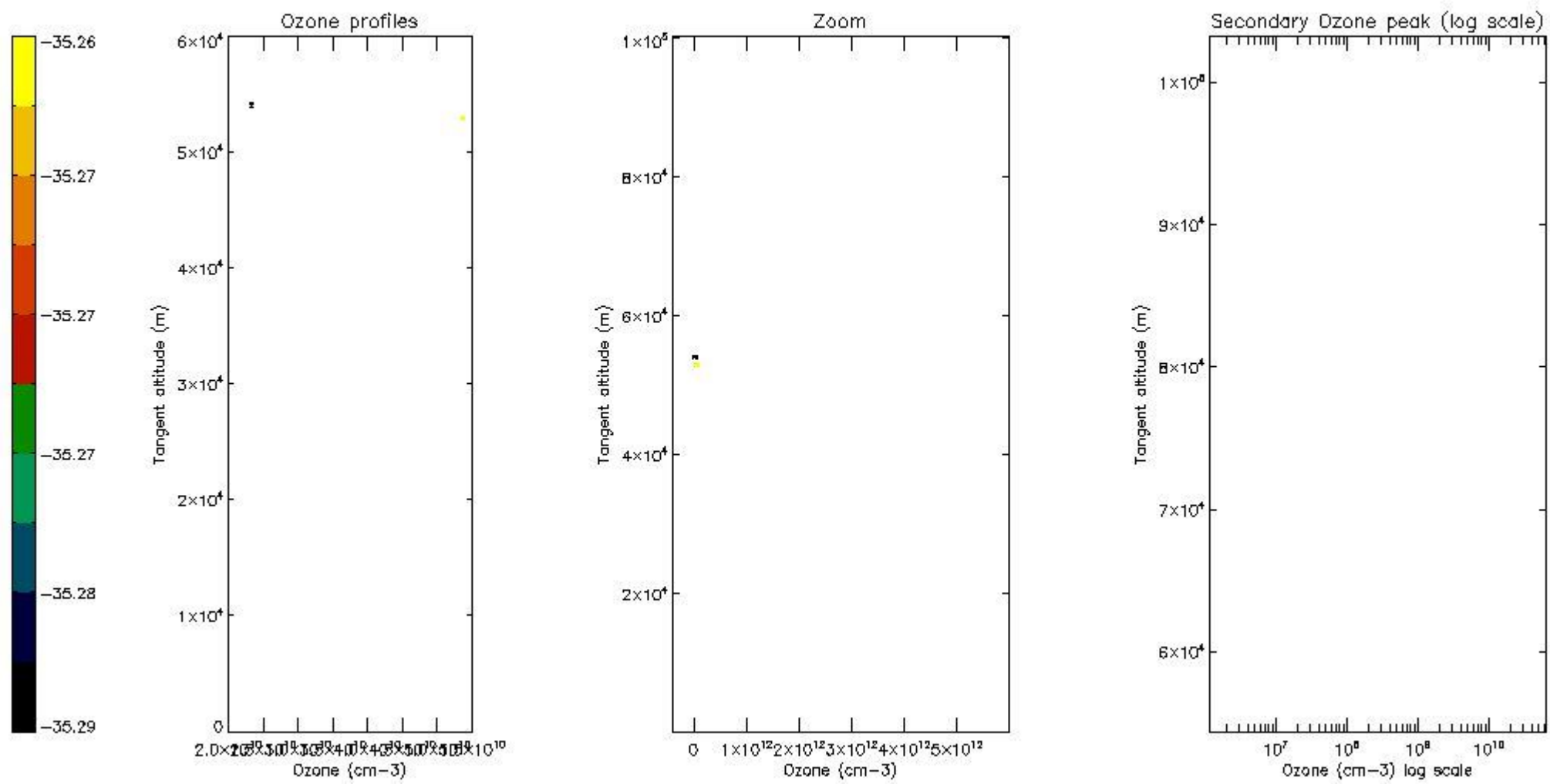
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



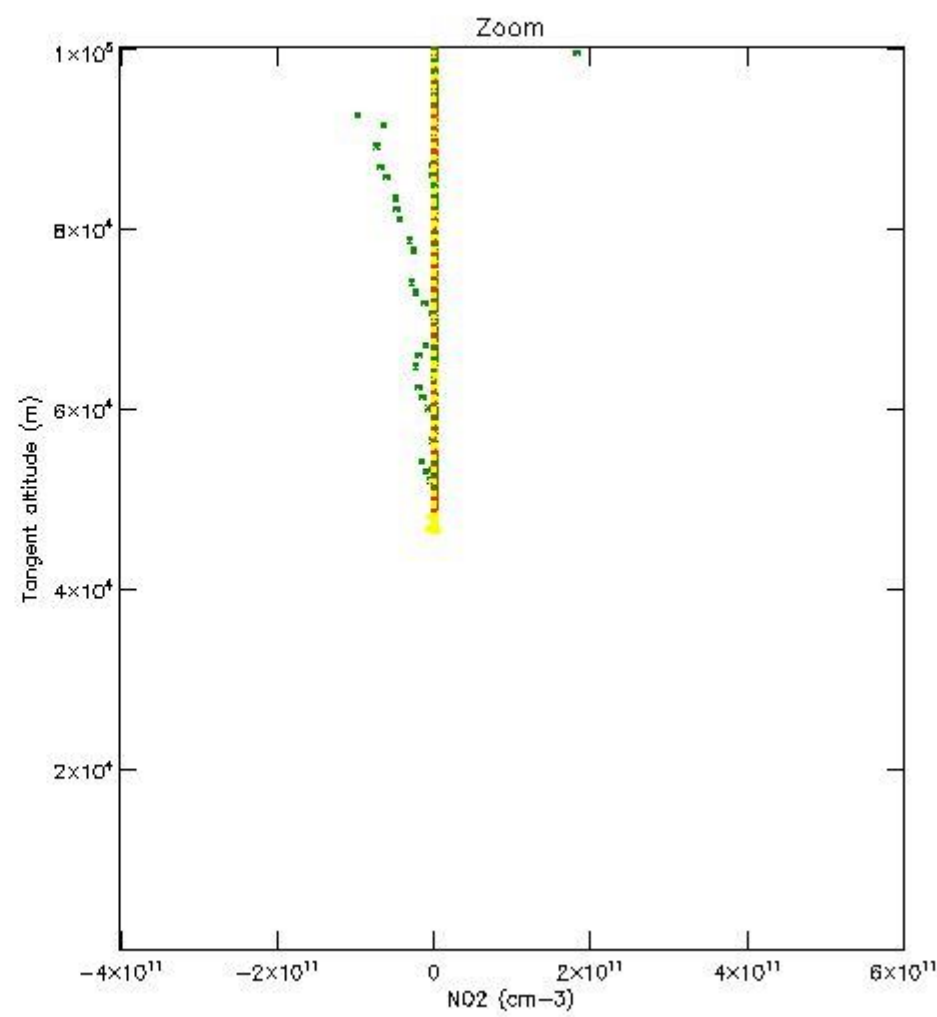
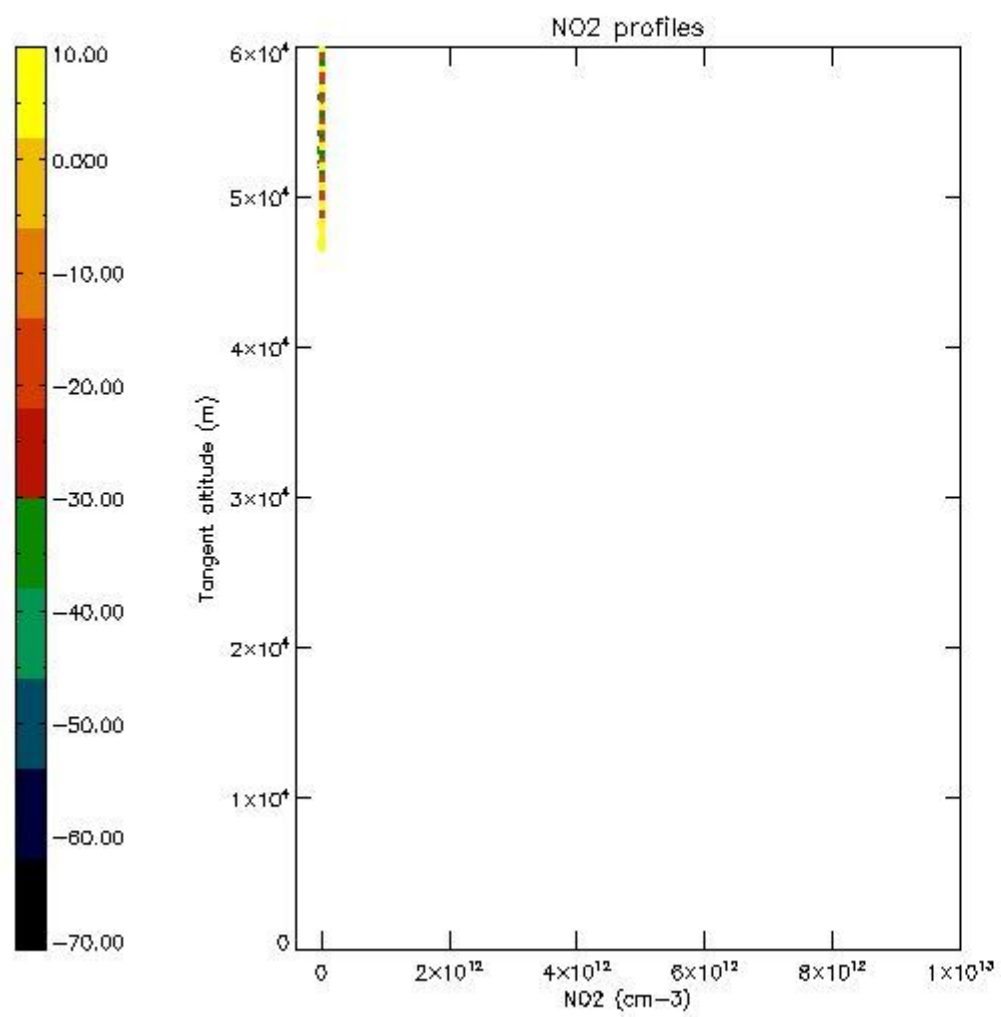
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



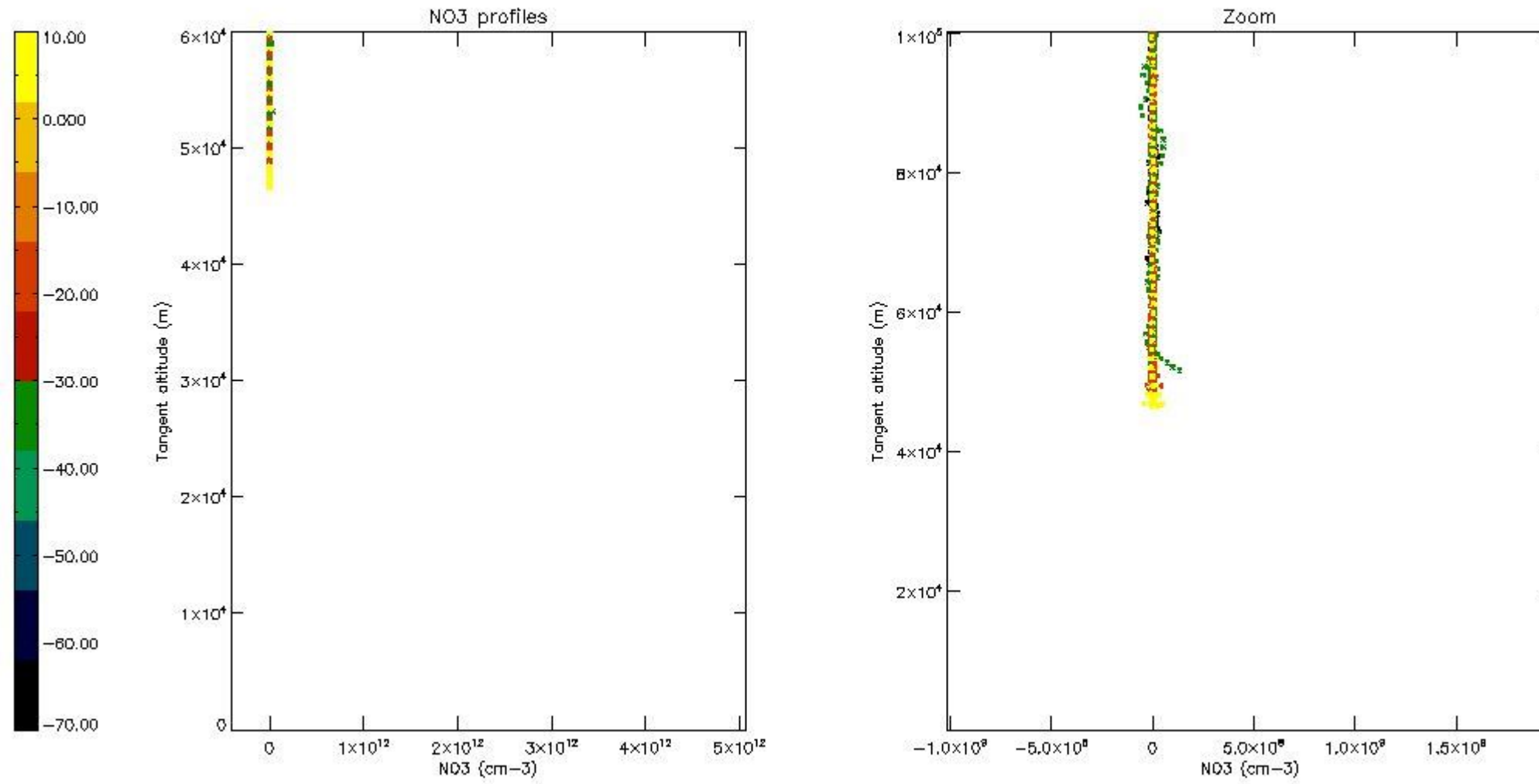
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

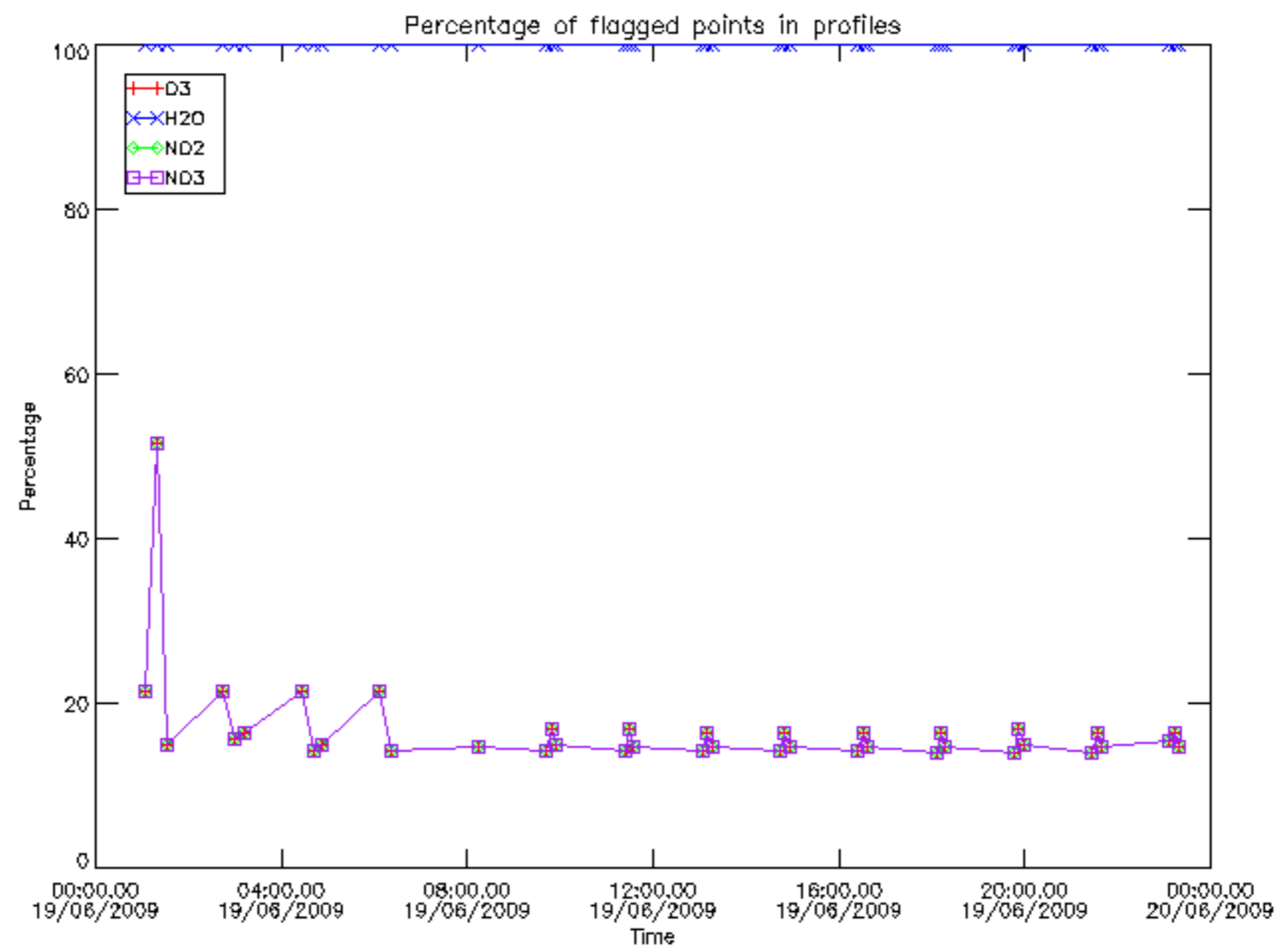
The colorbar represents the latitude.



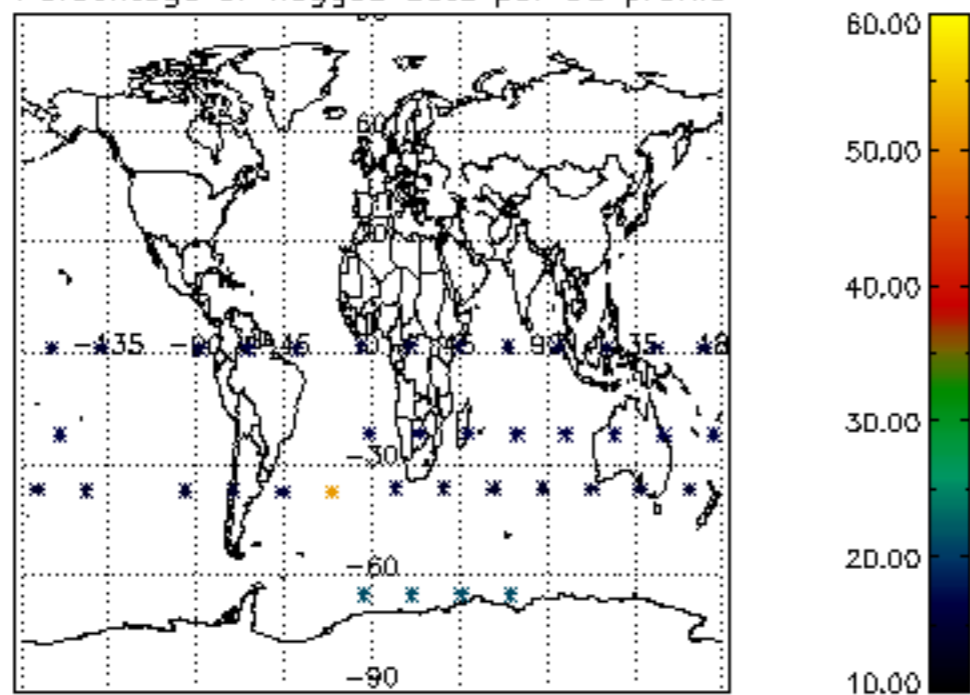
6. Auxiliary Data Files used for the production reported in section 2

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.

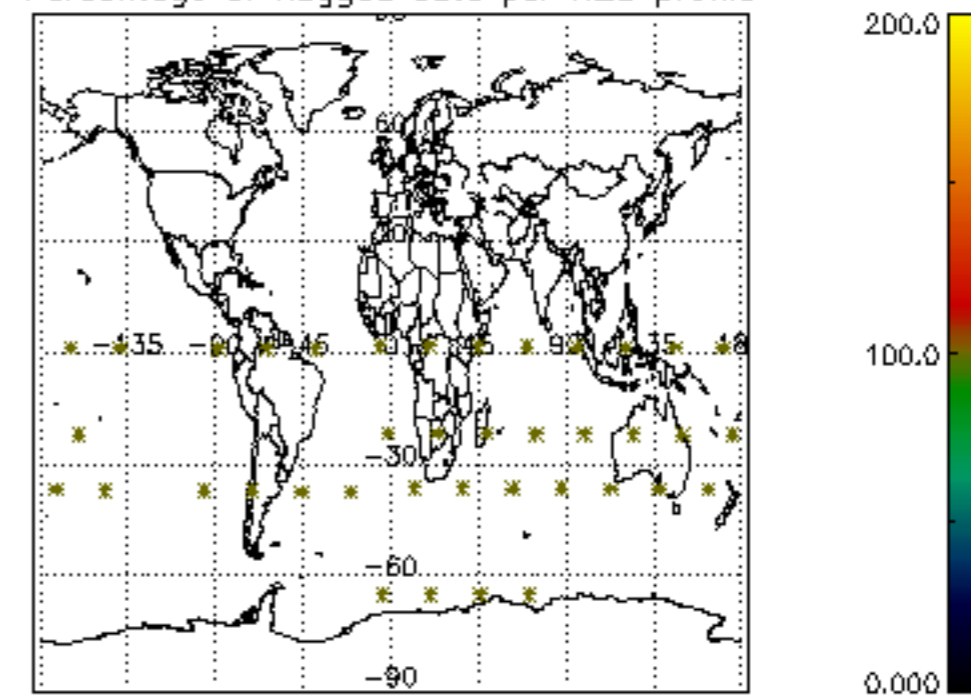
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	19-JUN-2009 00:06:46
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	19-JUN-2009 00:06:46
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	19-JUN-2009 00:06:46



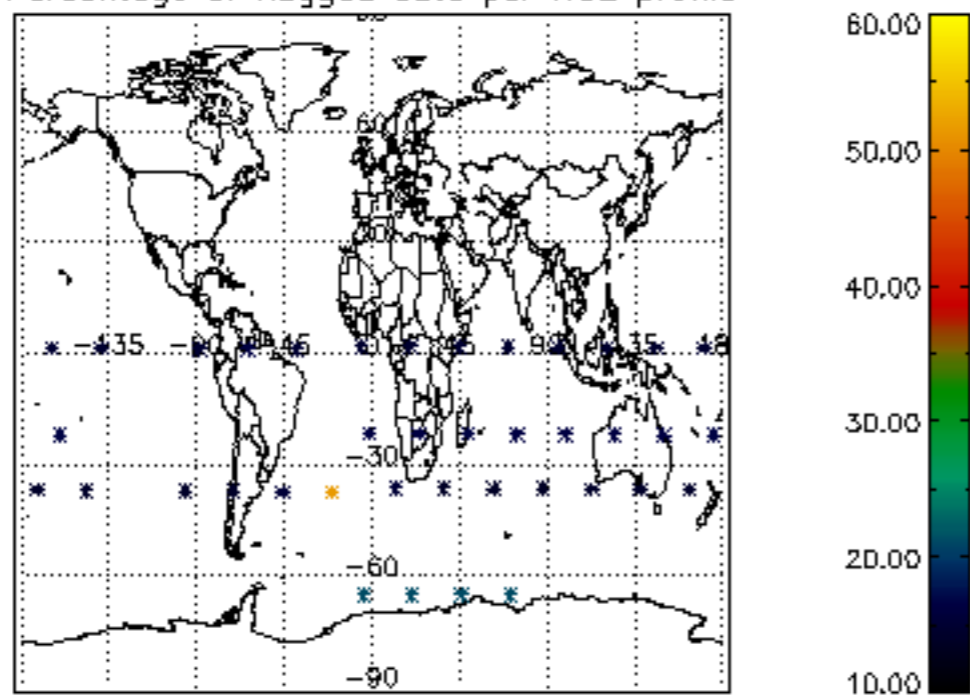
Percentage of flagged data per D3 profile



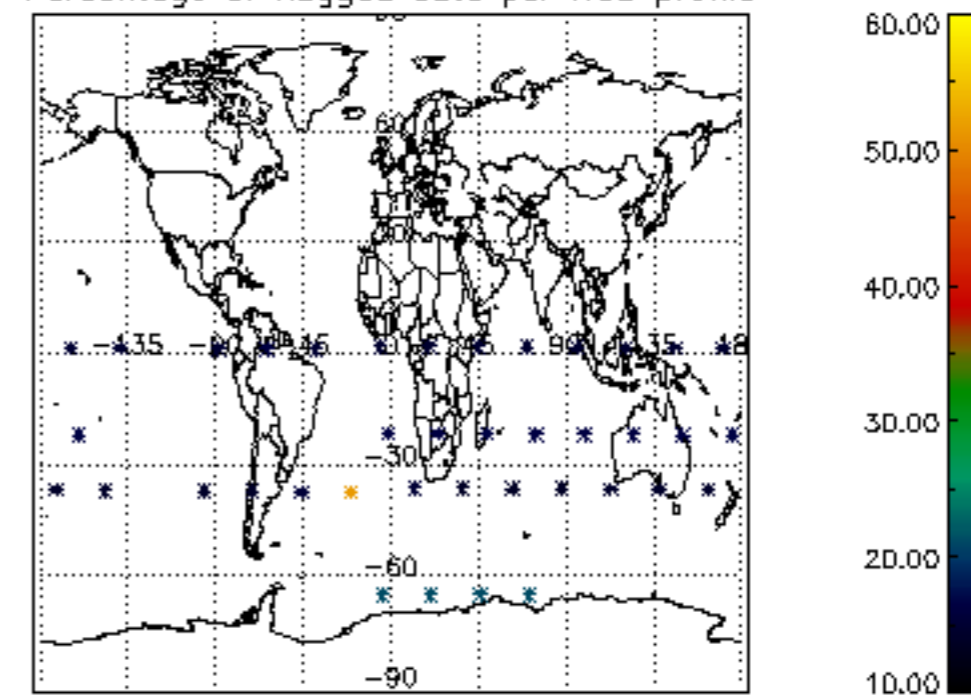
Percentage of flagged data per H2O profile

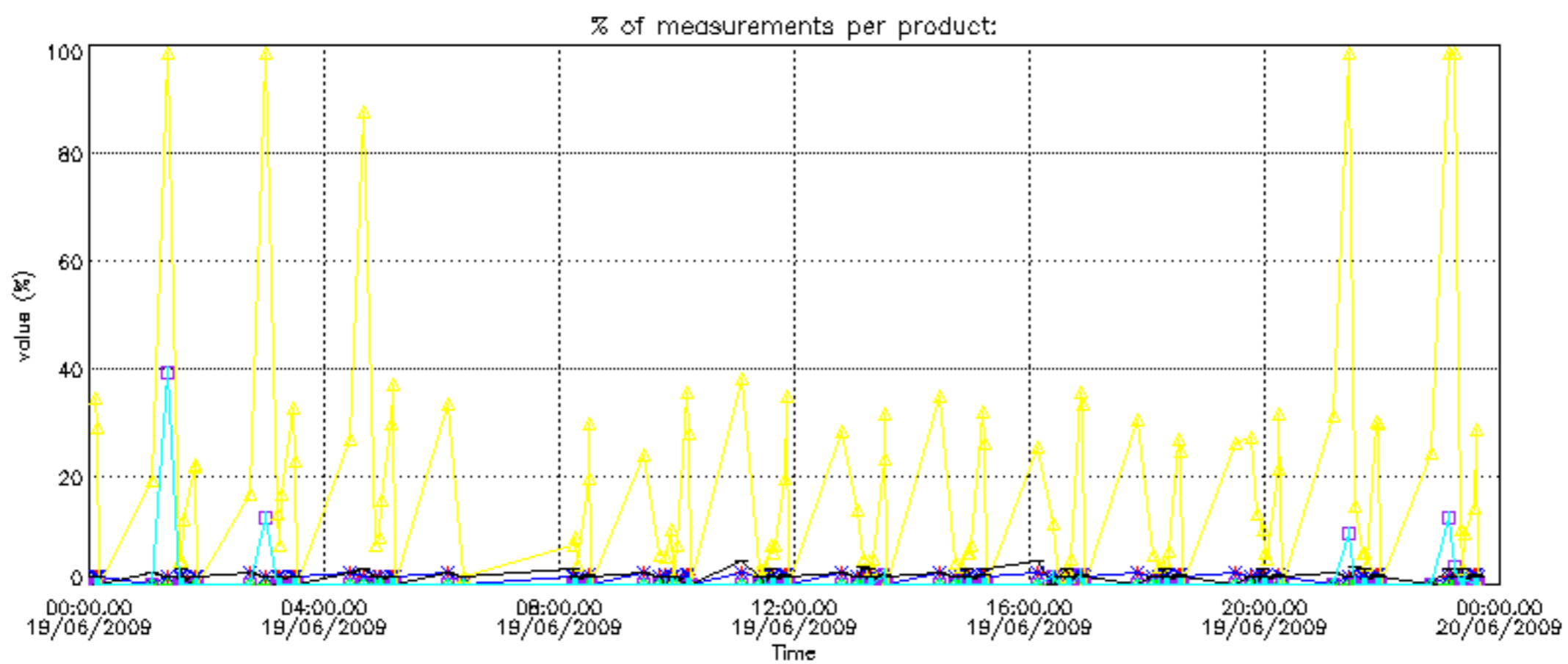


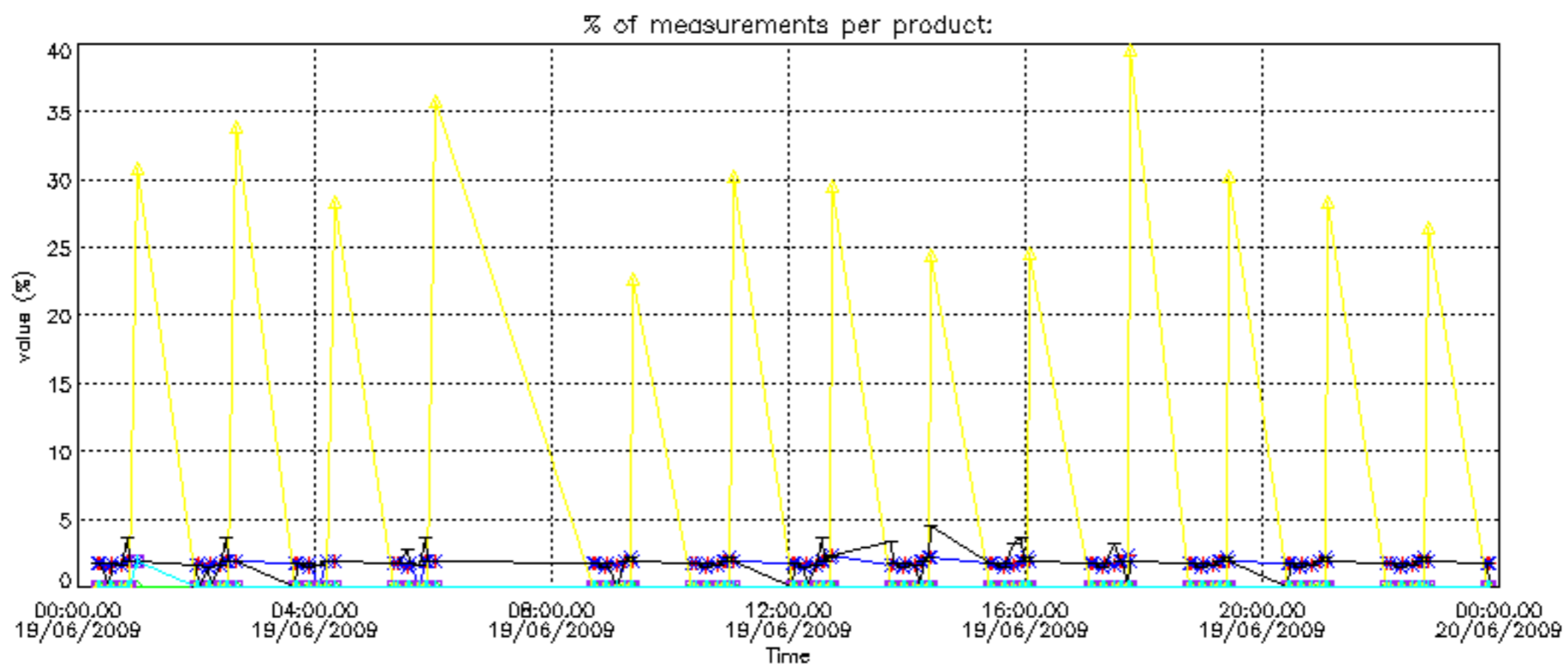
Percentage of flagged data per NO2 profile



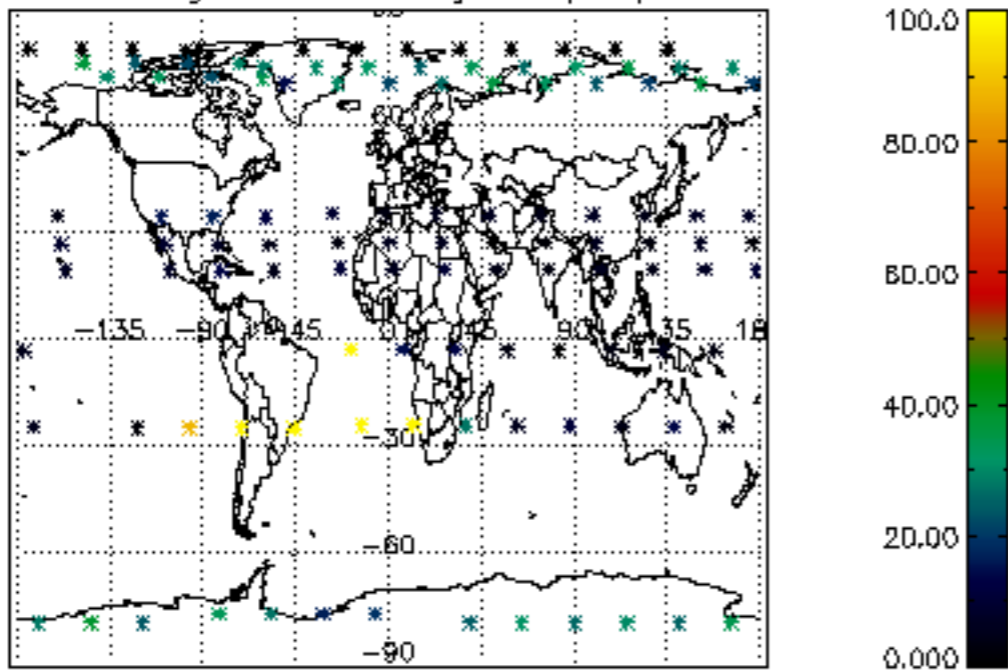
Percentage of flagged data per NO3 profile



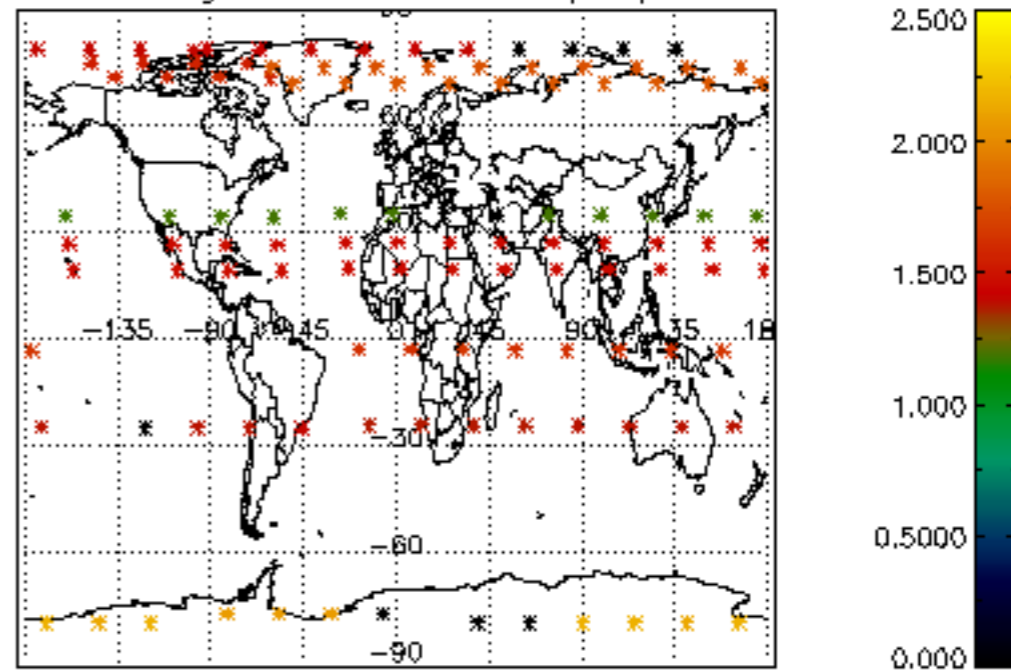




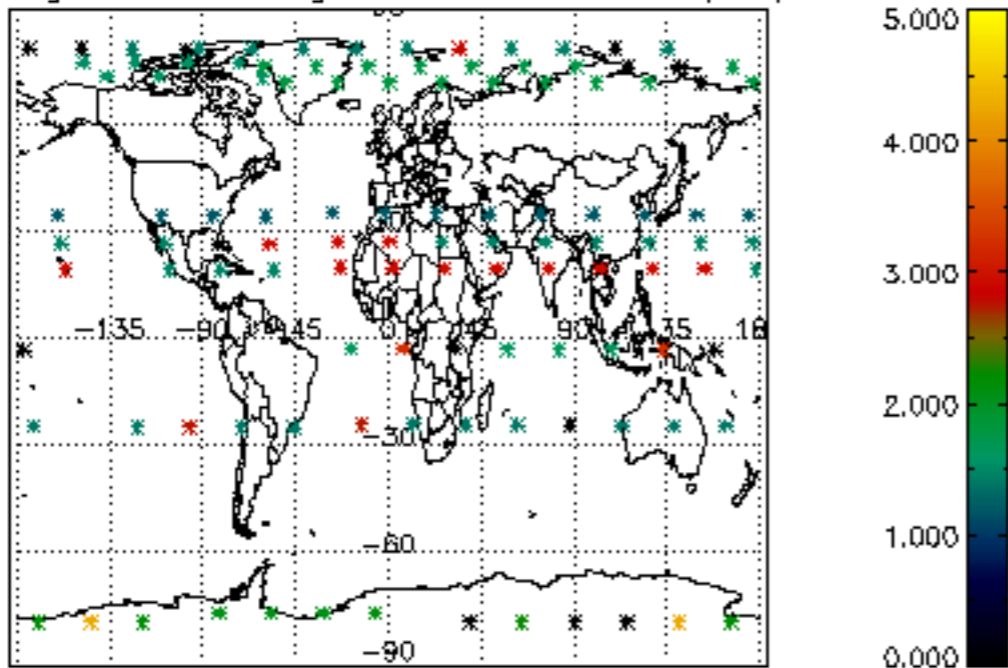
Percentage of cosmic ray hits per profile



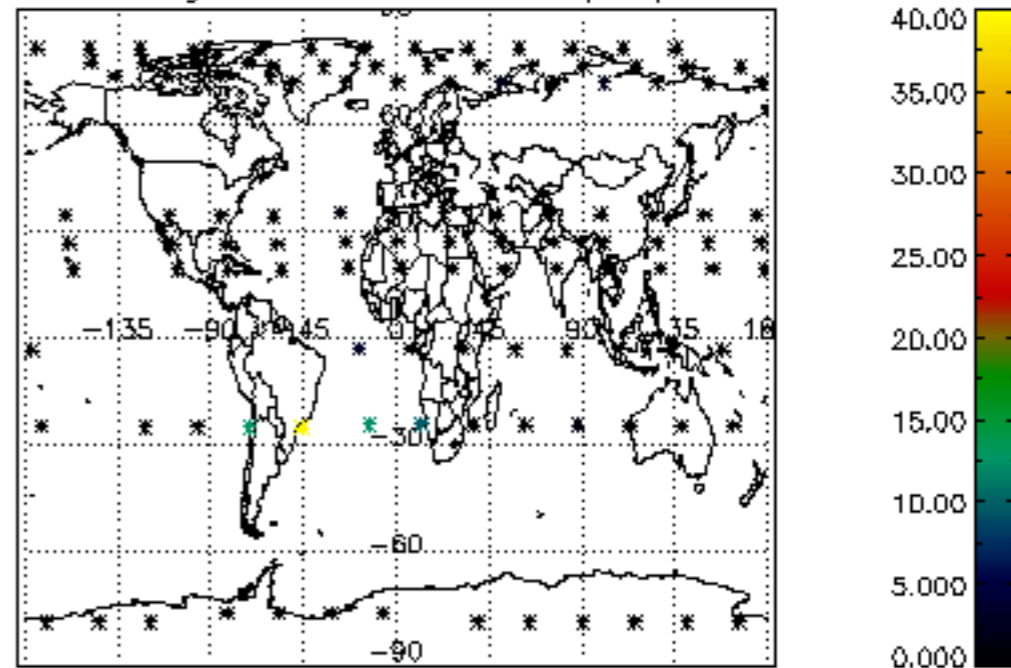
Percentage of datation errors per profile



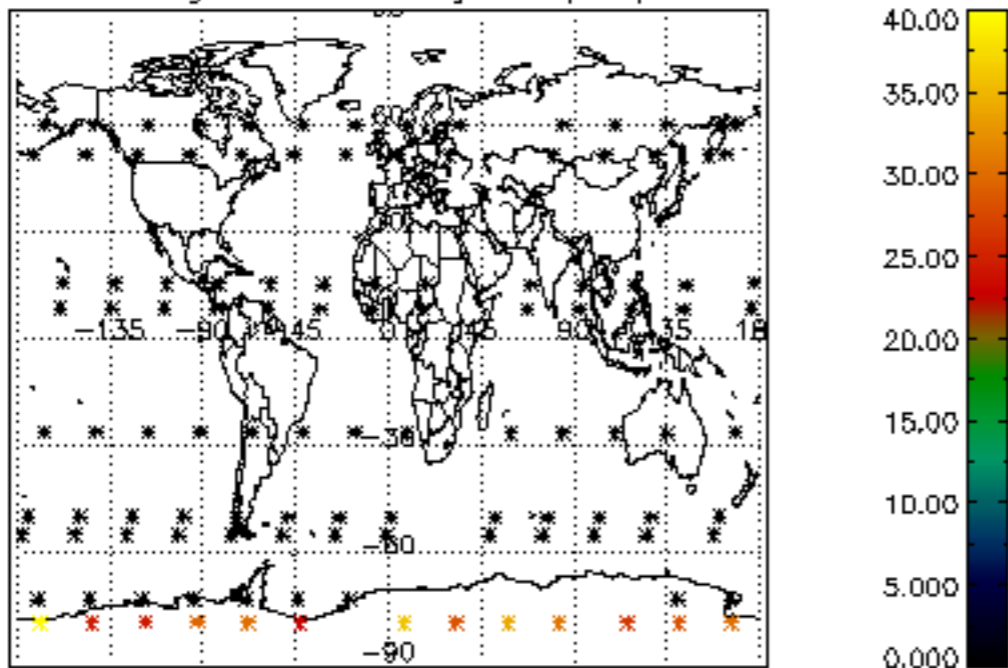
Percentage of star falling outside central band per profile



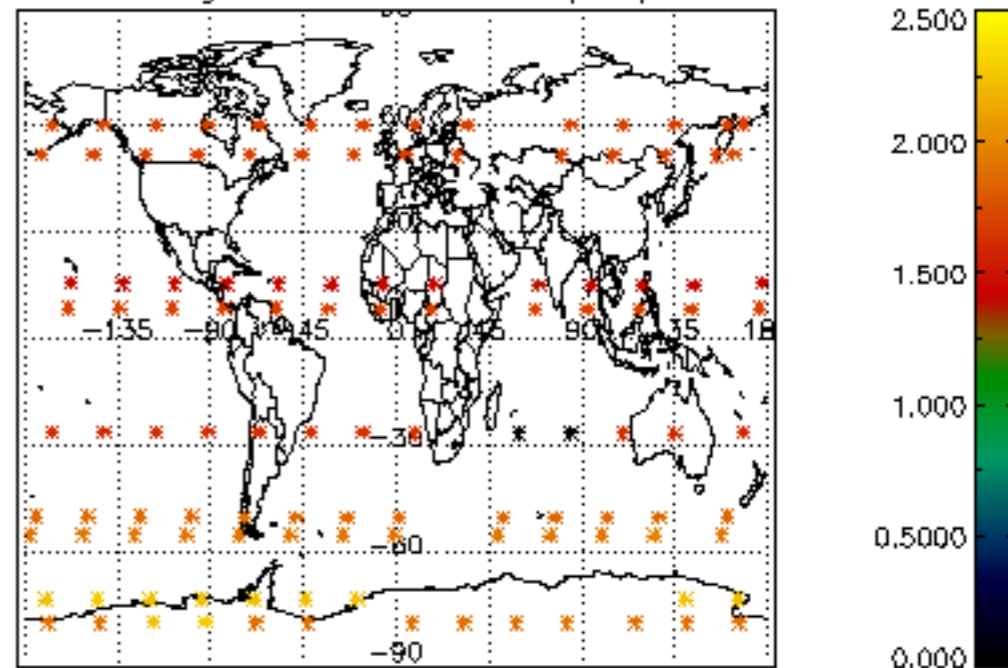
Percentage of saturation errors per profile



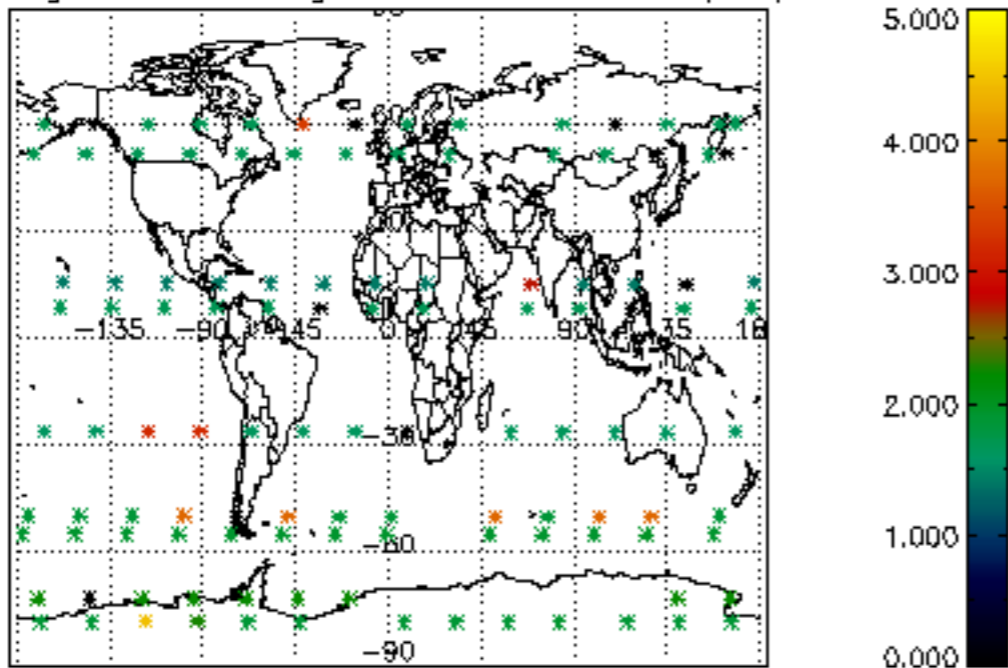
Percentage of cosmic ray hits per profile



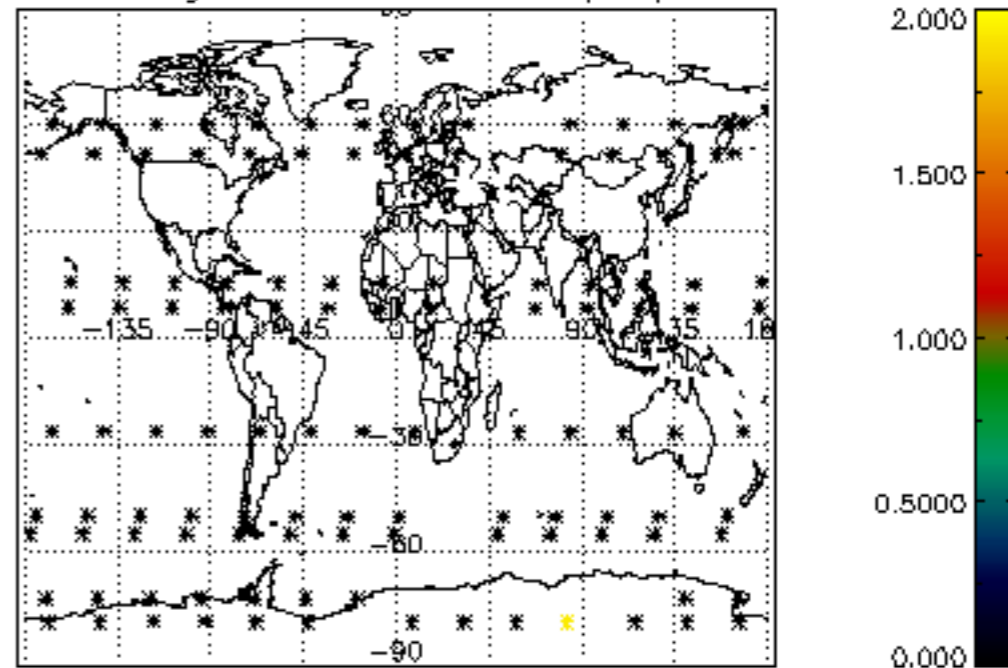
Percentage of datation errors per profile

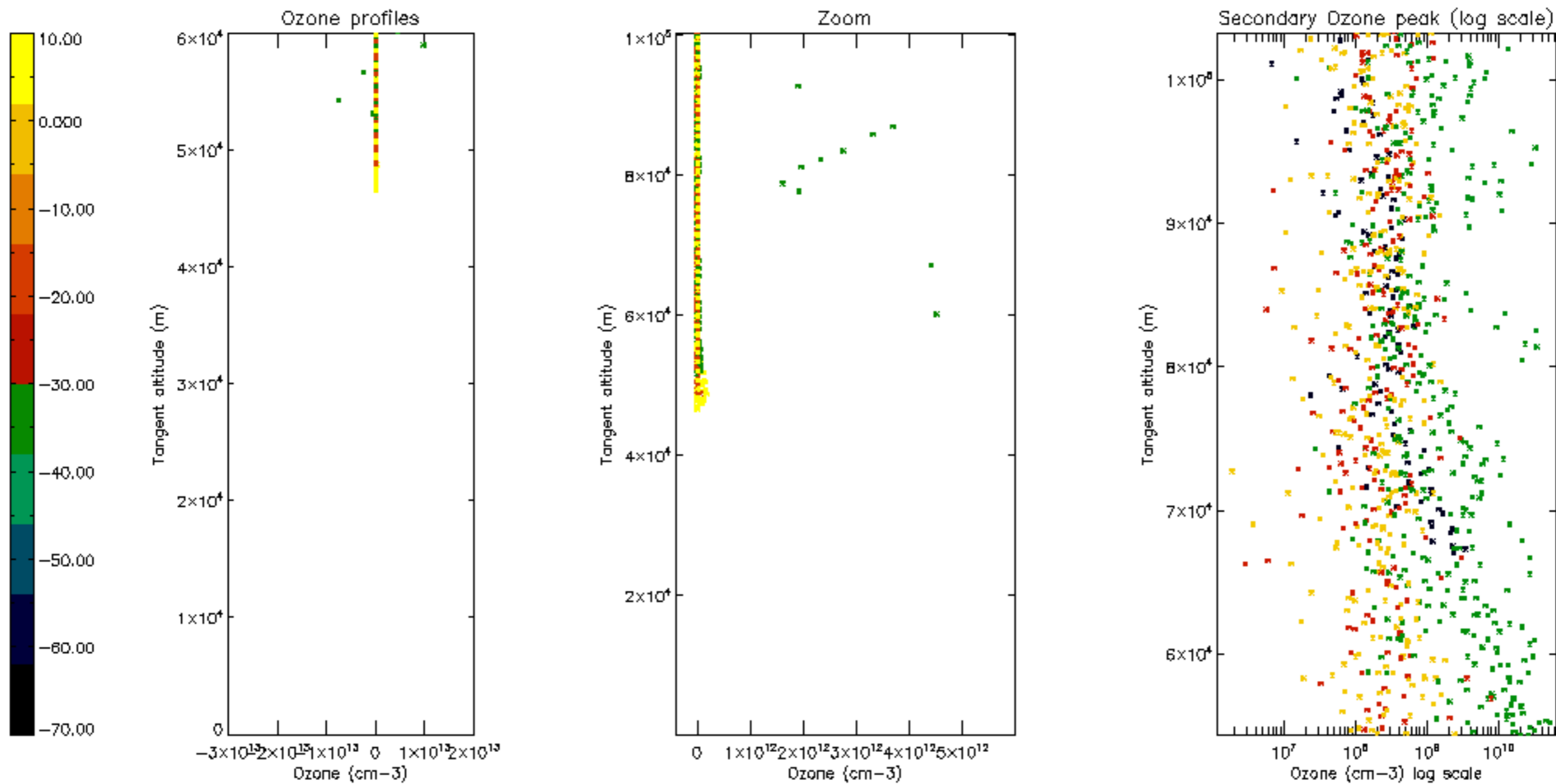


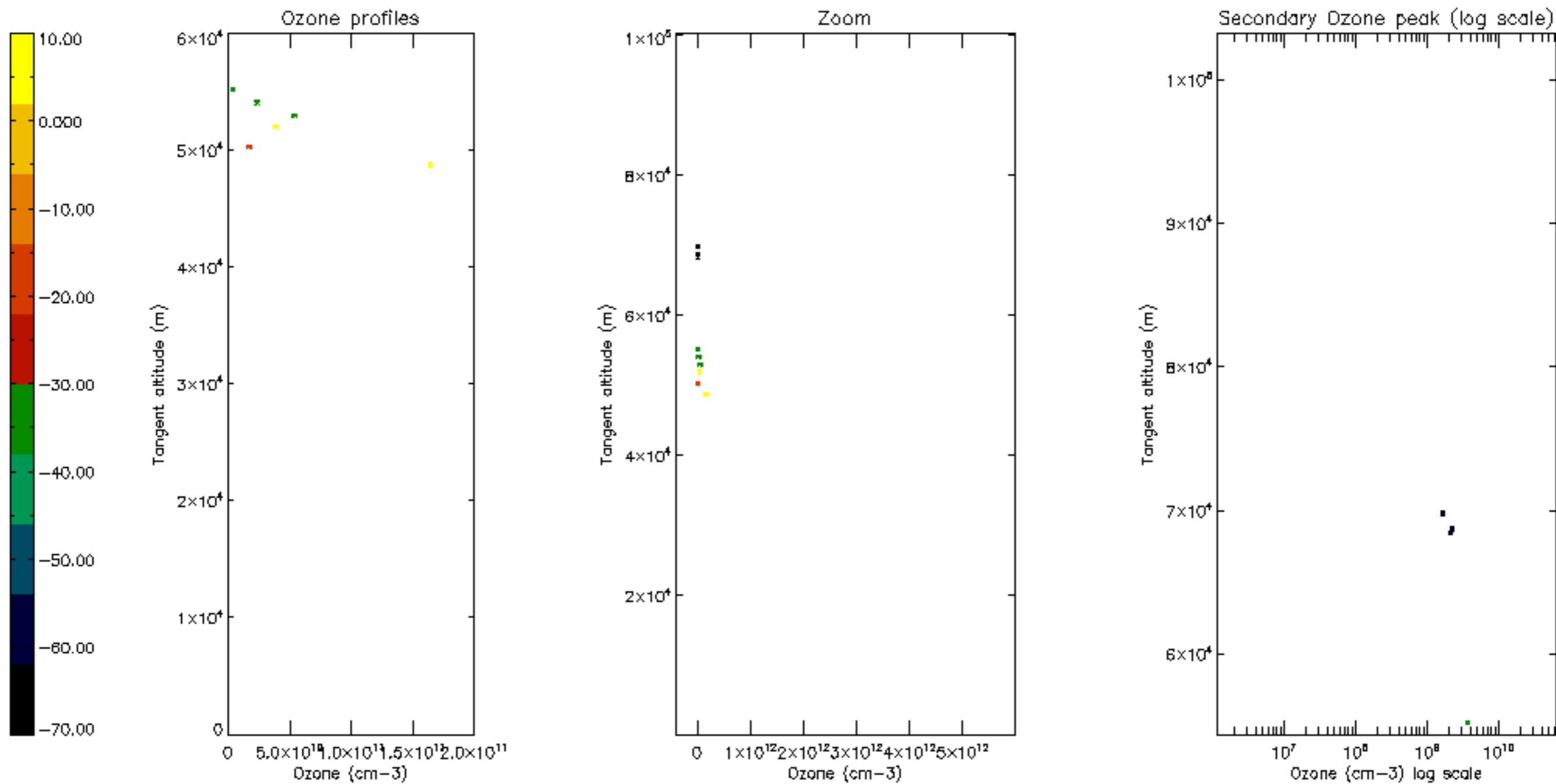
Percentage of star falling outside central band per profile

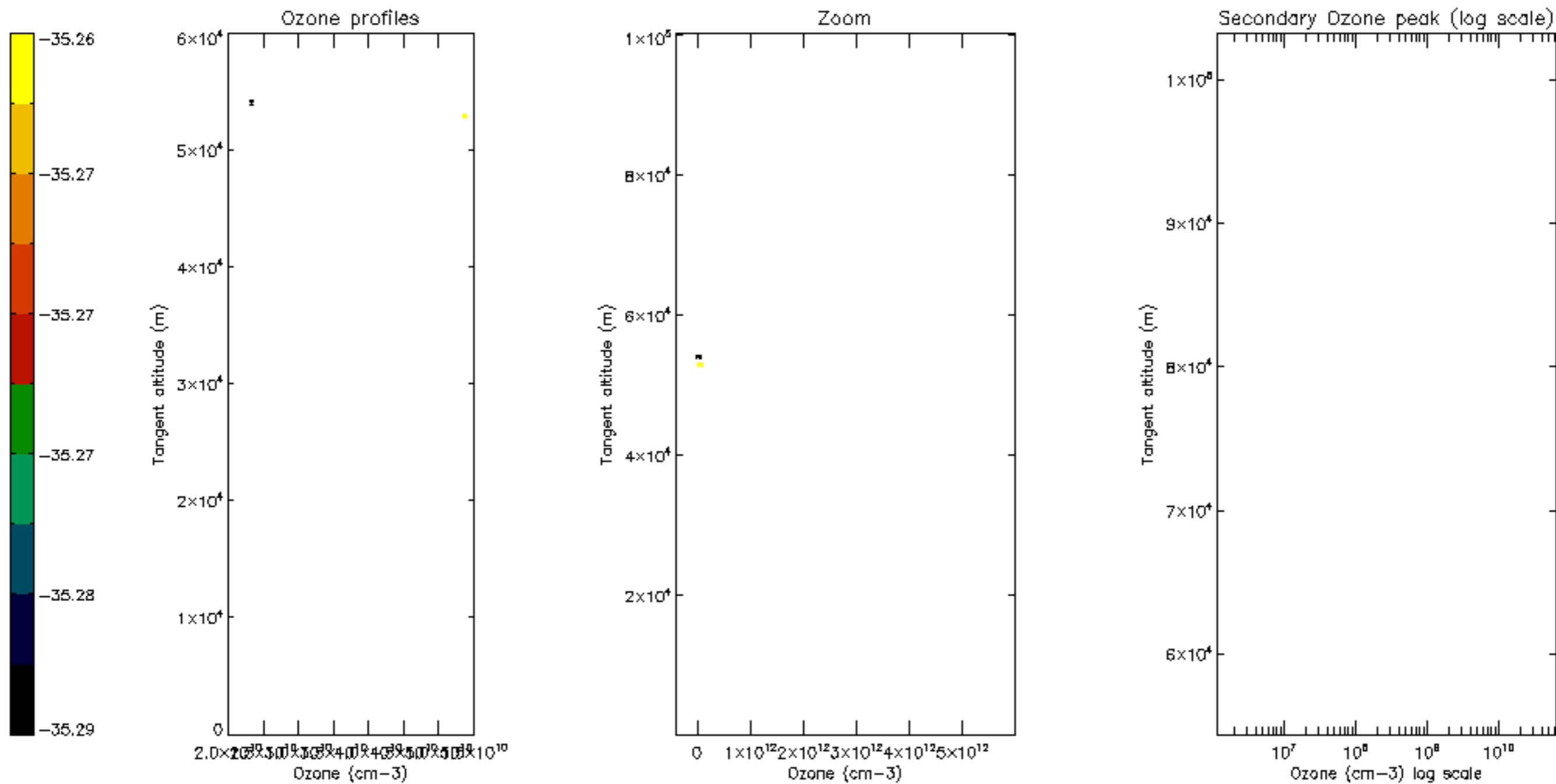


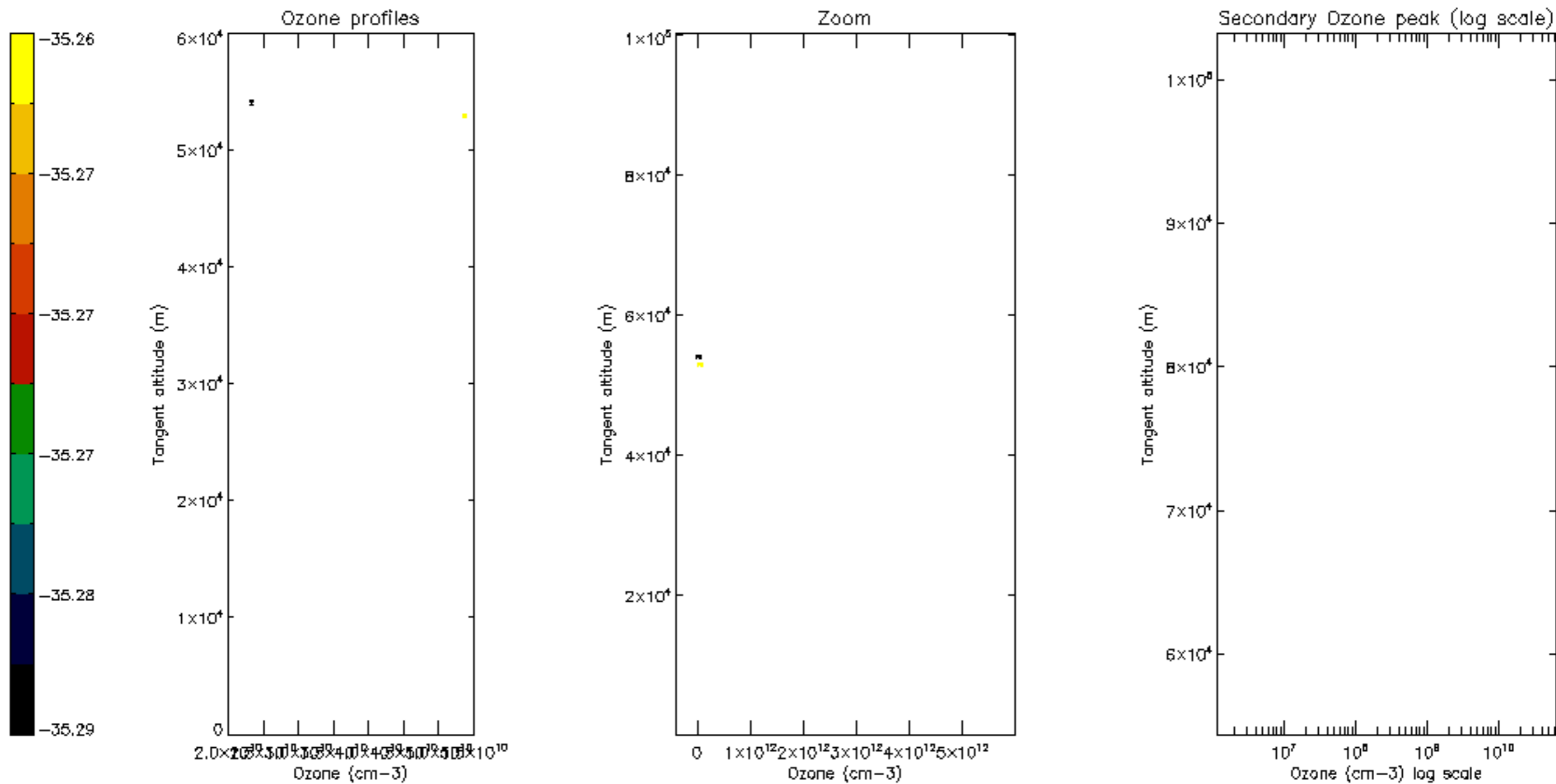
Percentage of saturation errors per profile

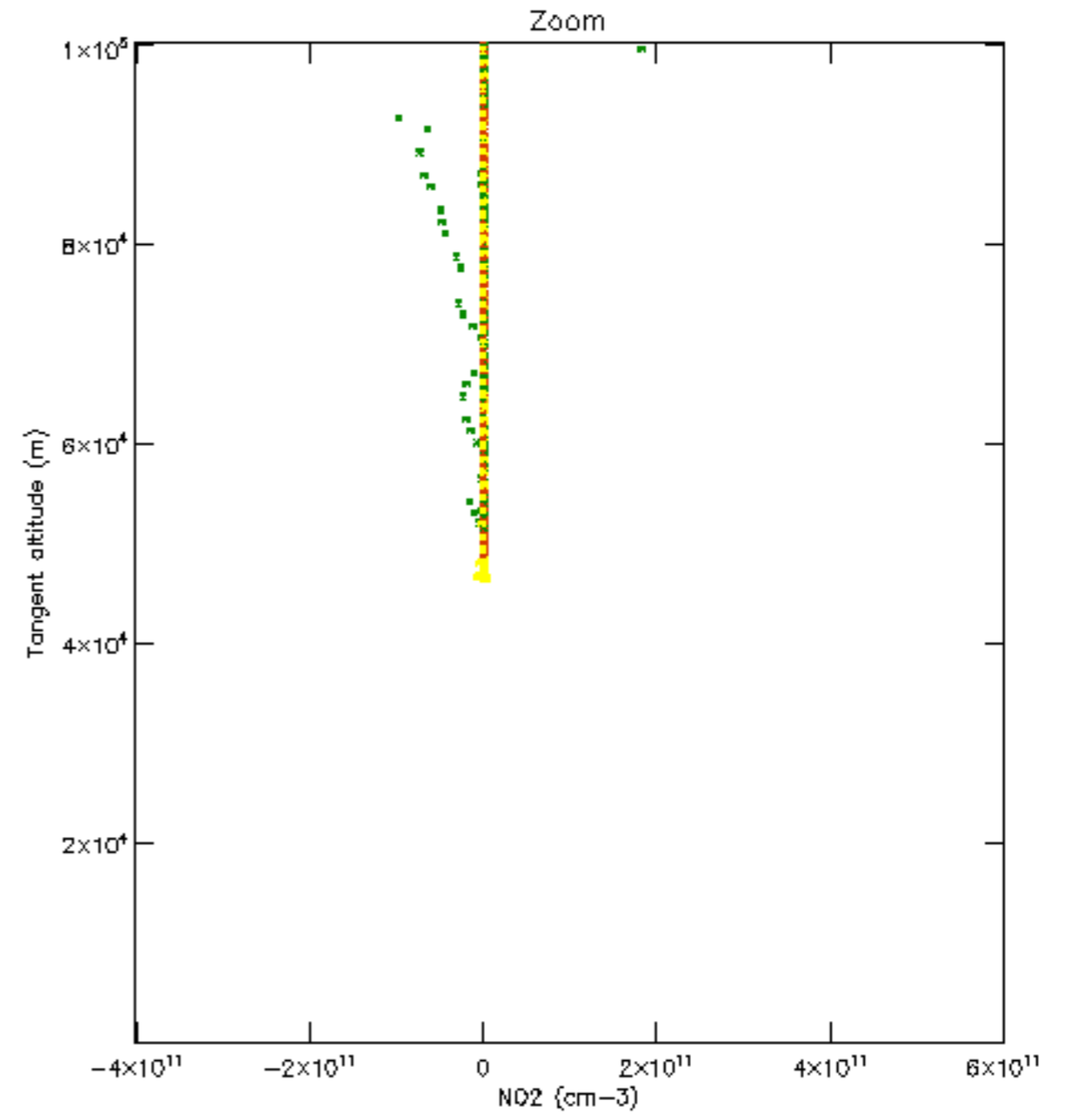
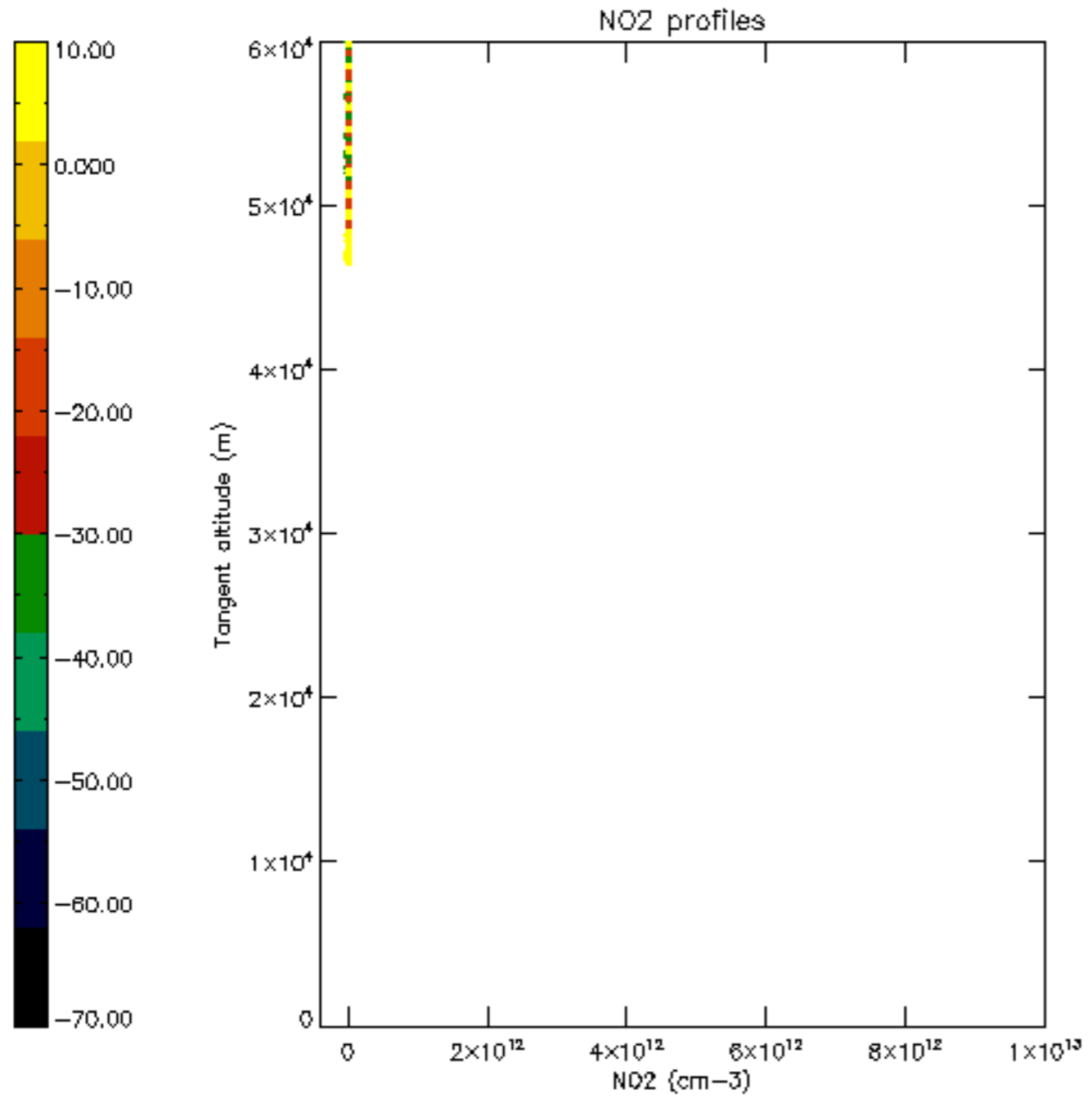


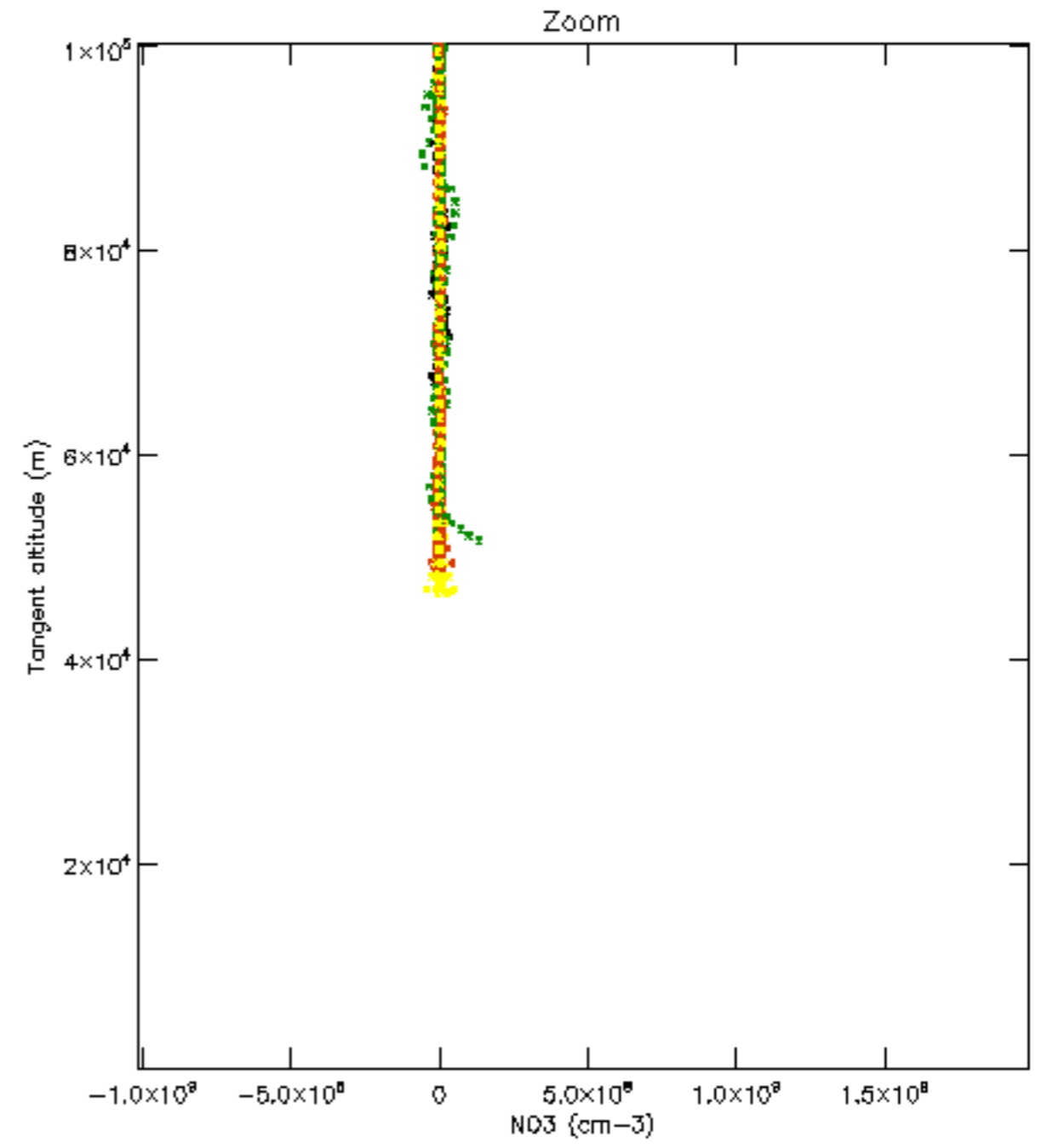
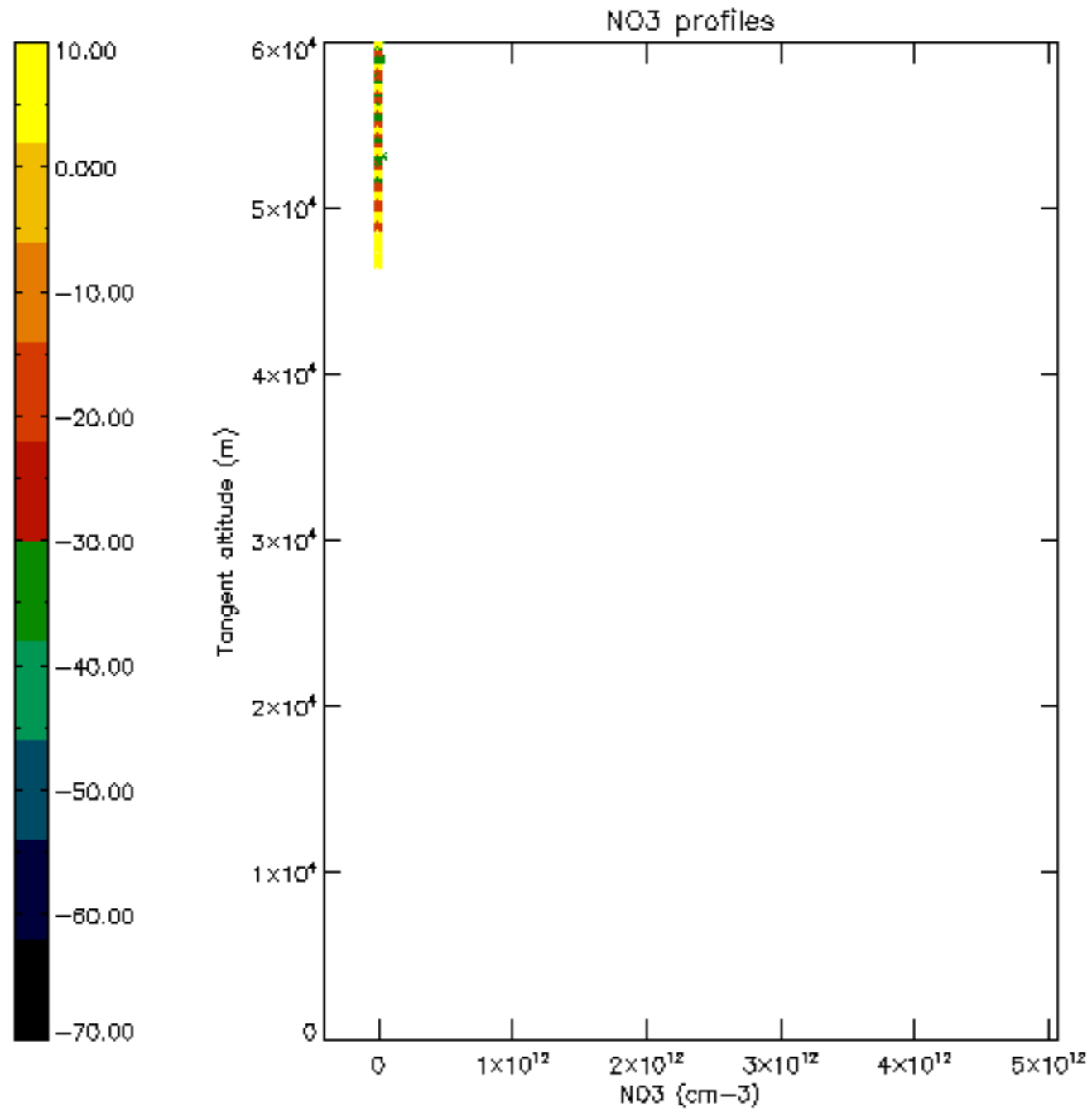


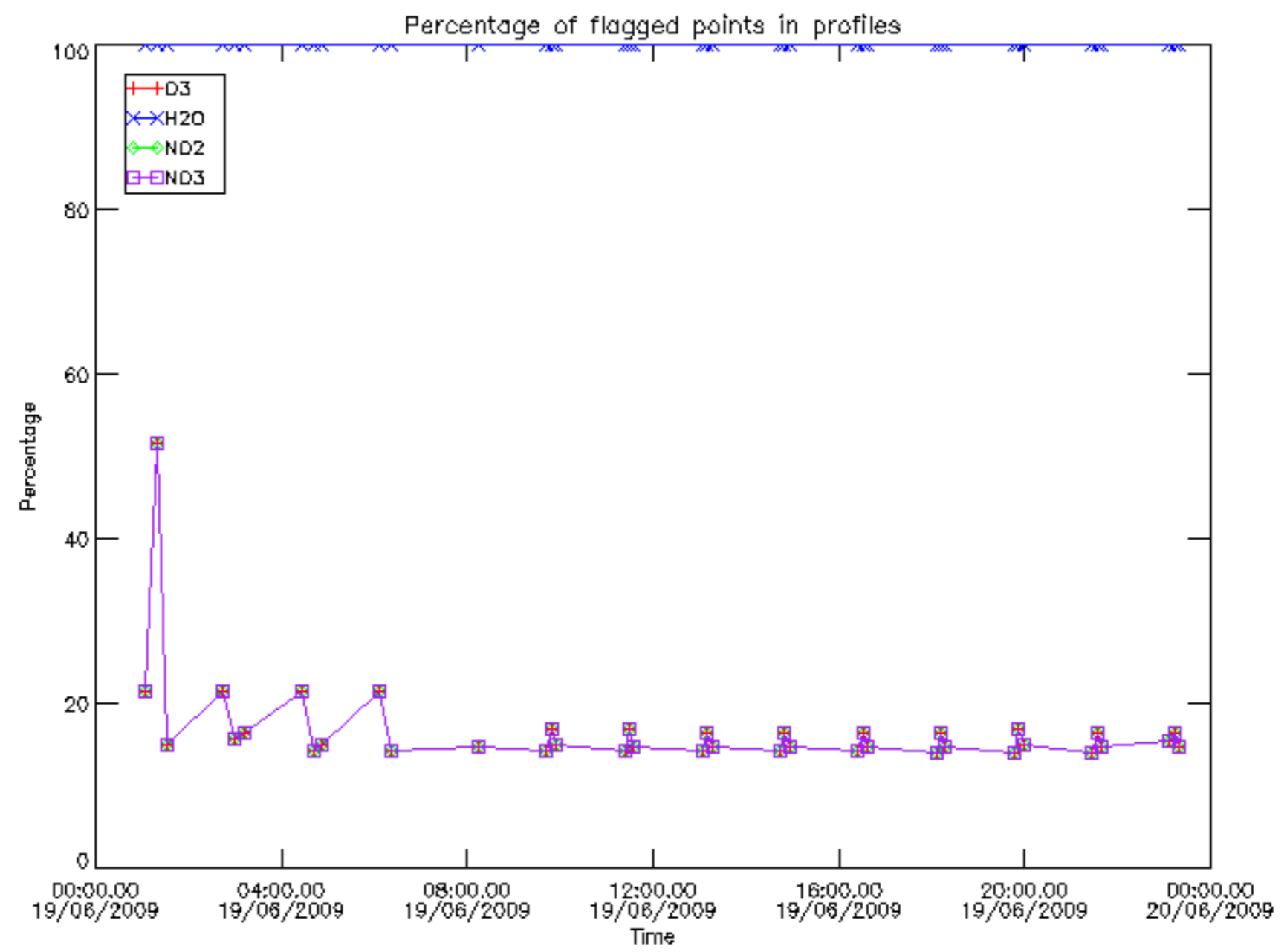




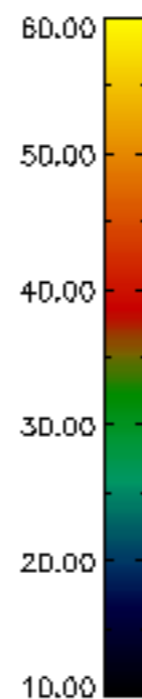
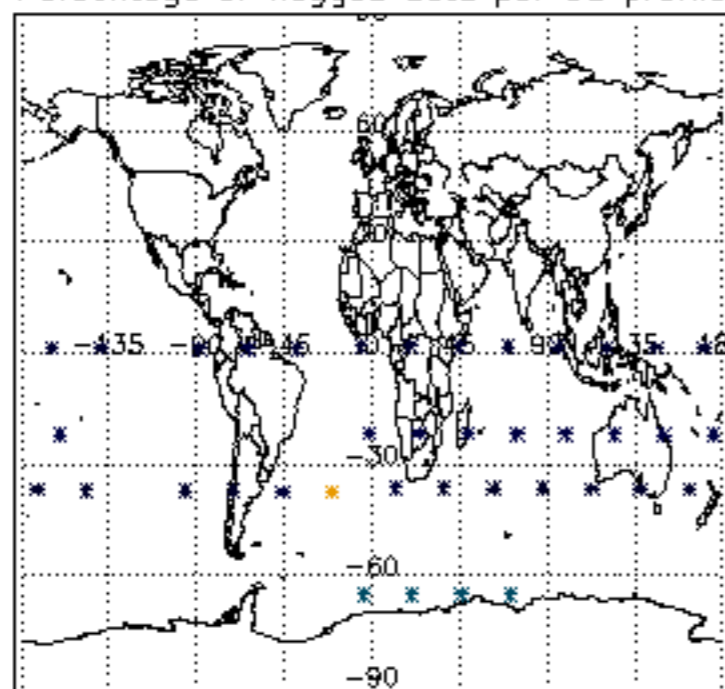




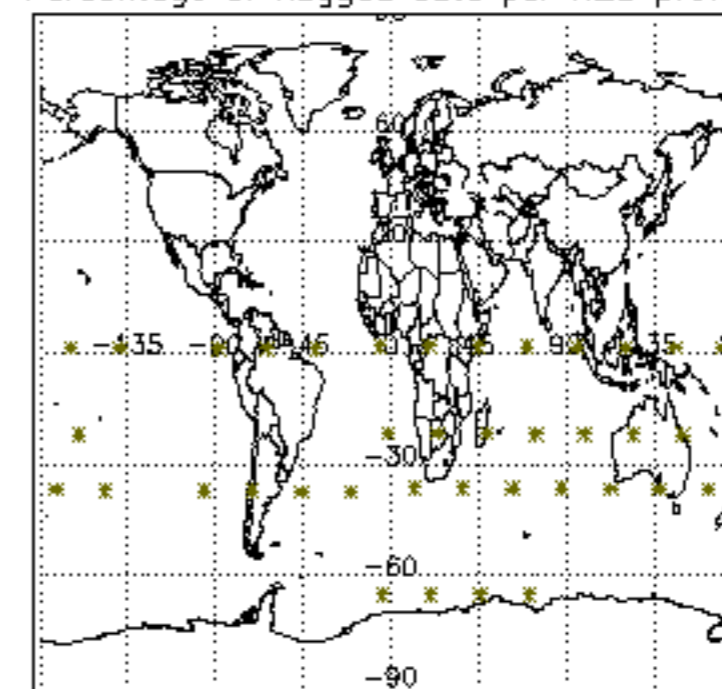




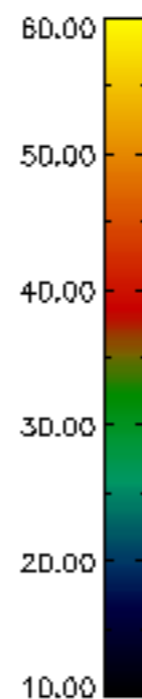
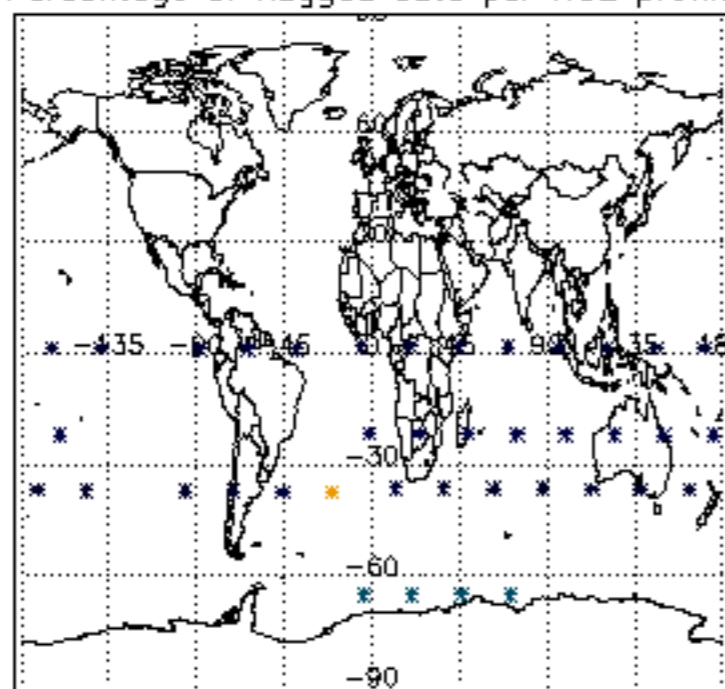
Percentage of flagged data per D3 profile



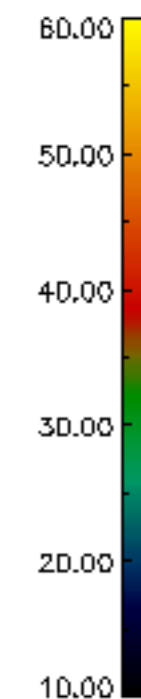
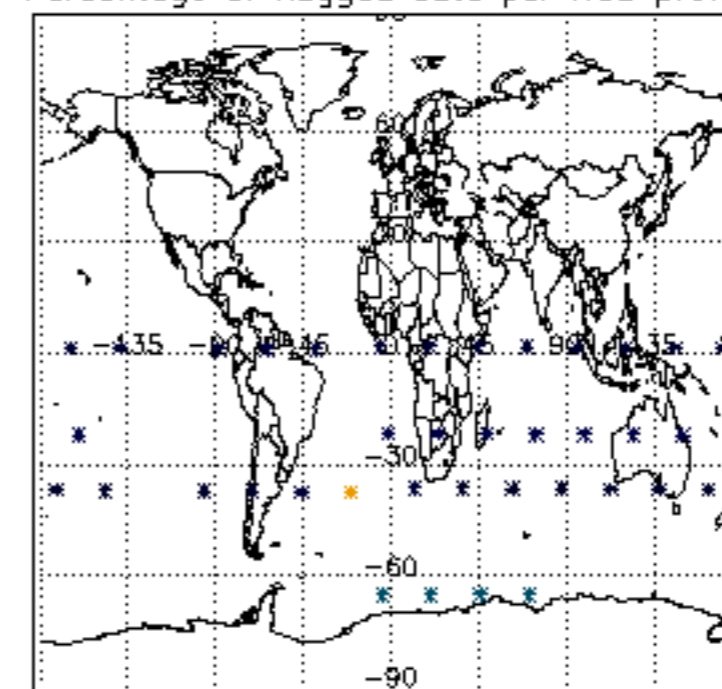
Percentage of flagged data per H2O profile

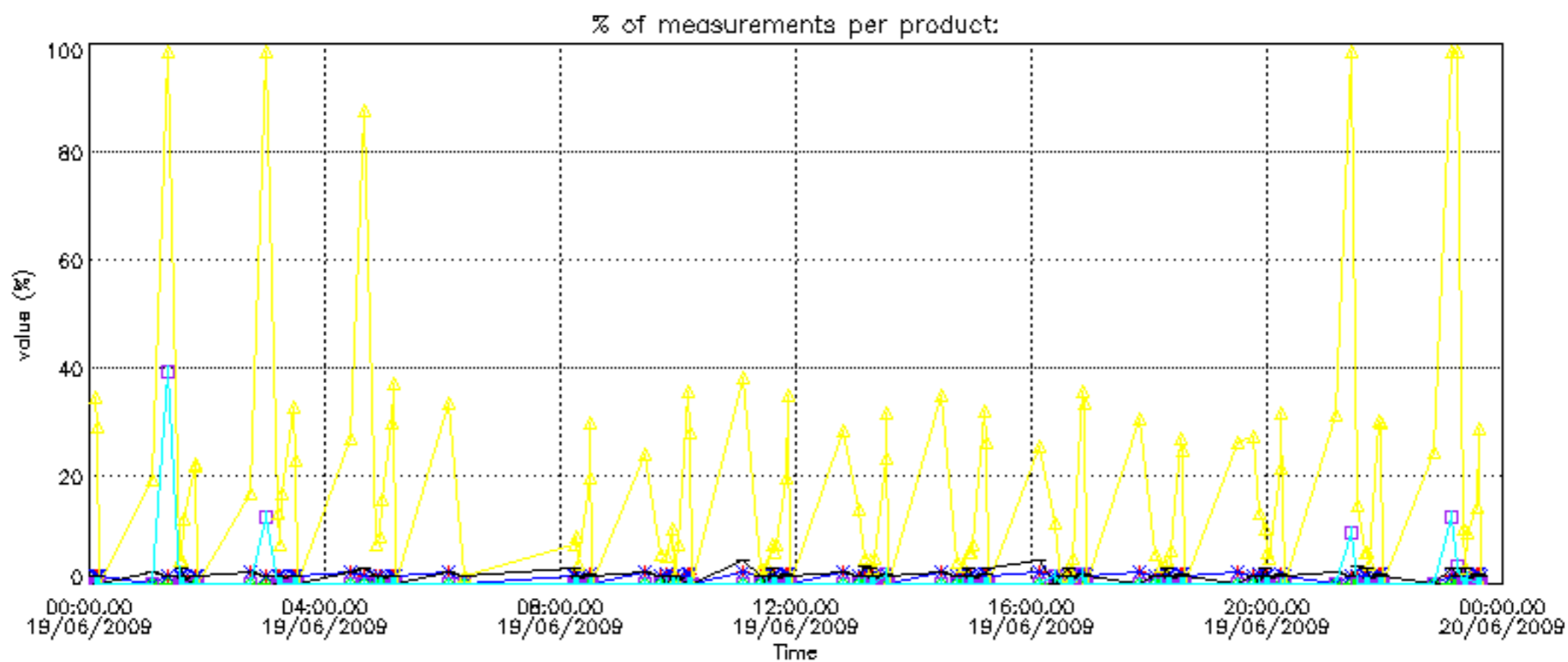


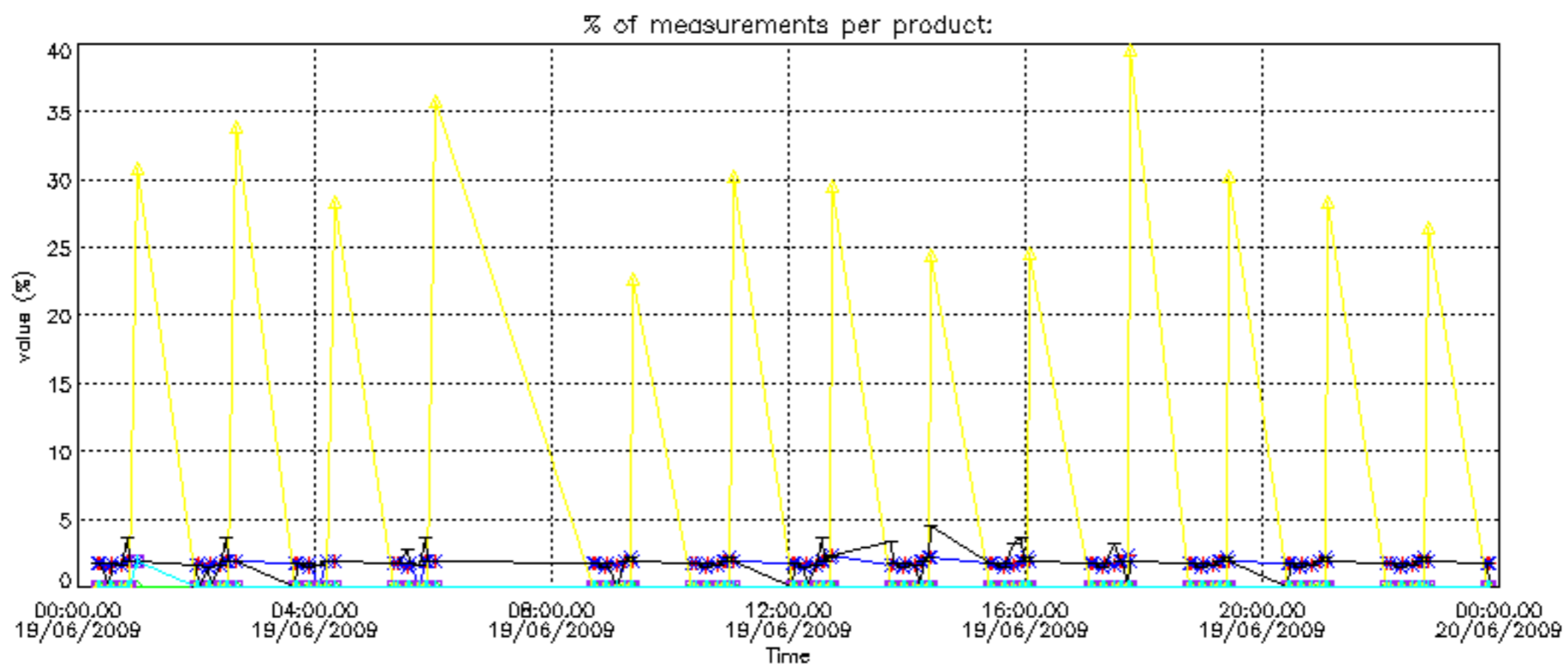
Percentage of flagged data per NO2 profile



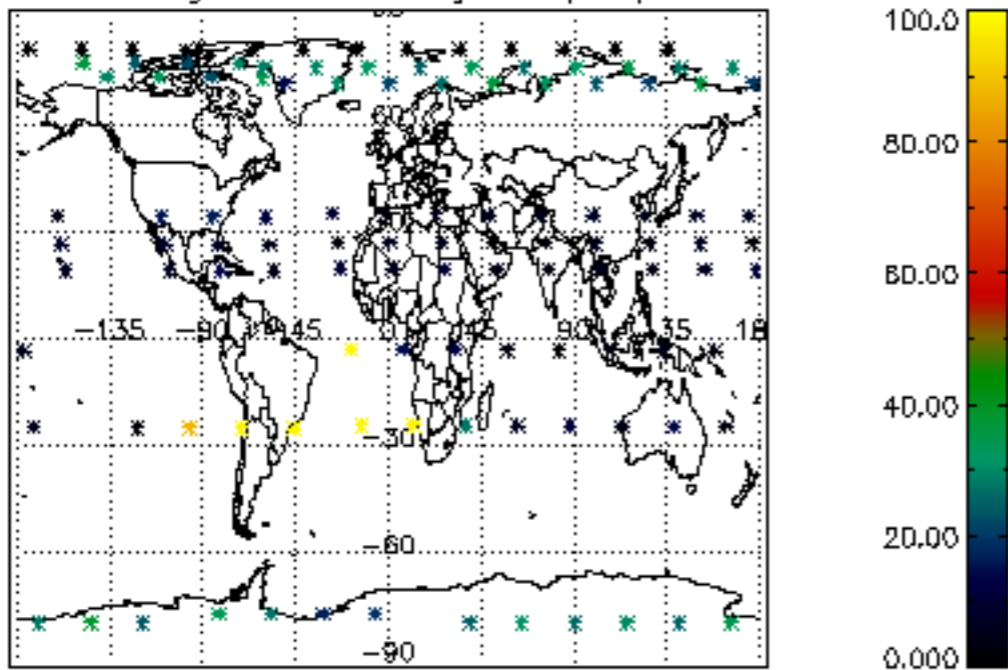
Percentage of flagged data per NO3 profile



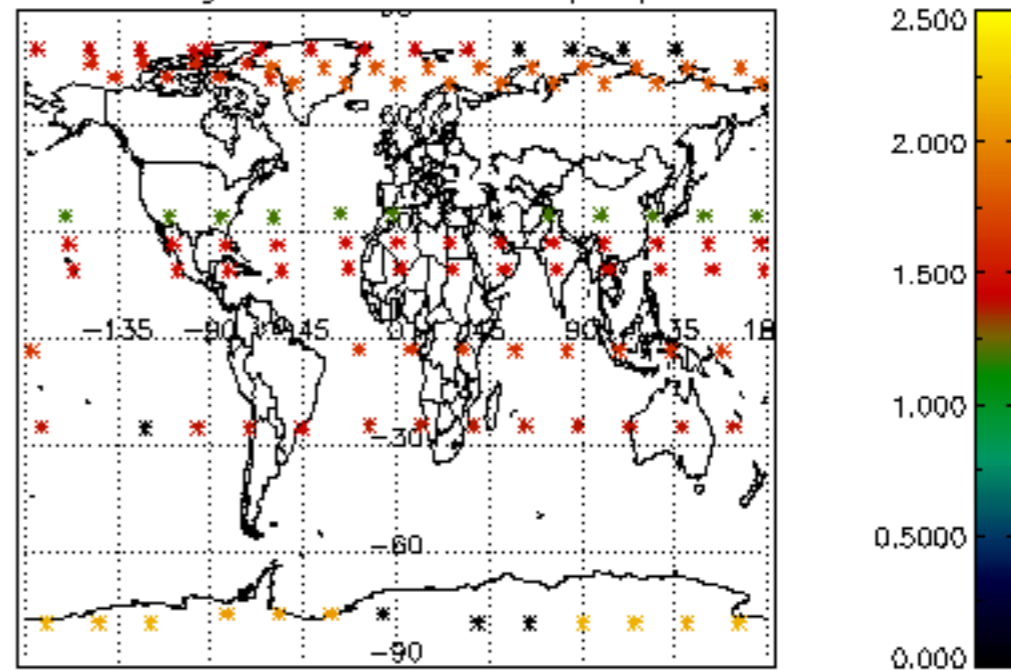




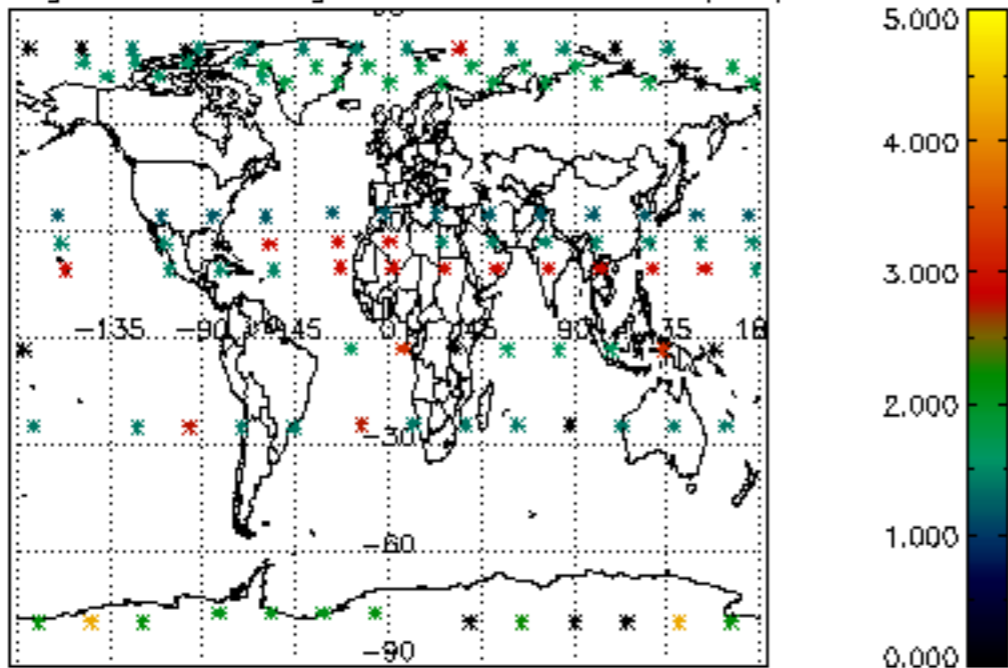
Percentage of cosmic ray hits per profile



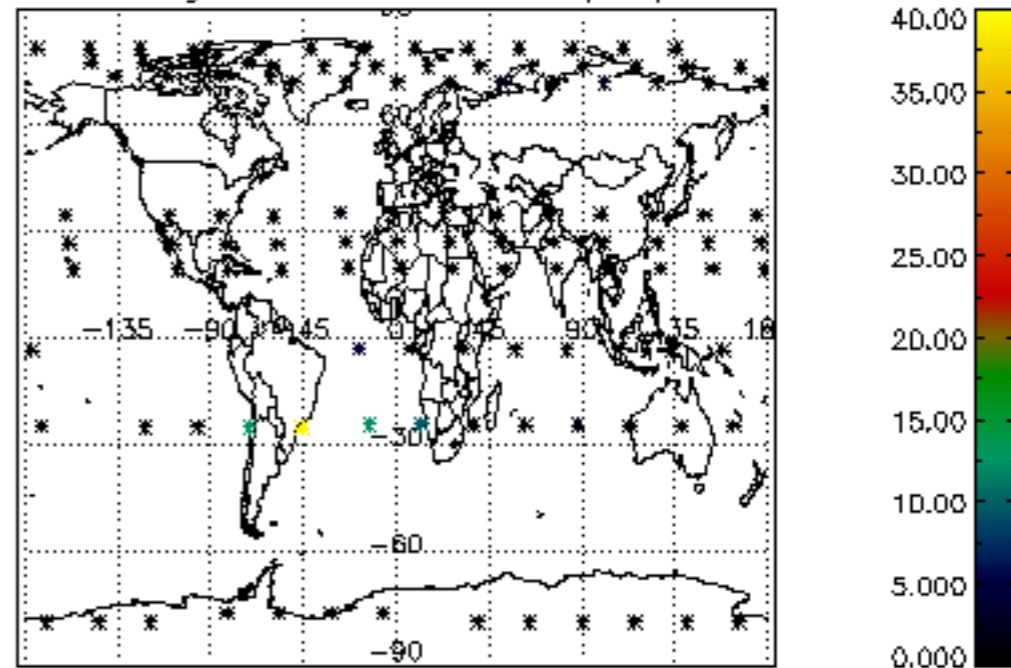
Percentage of datation errors per profile



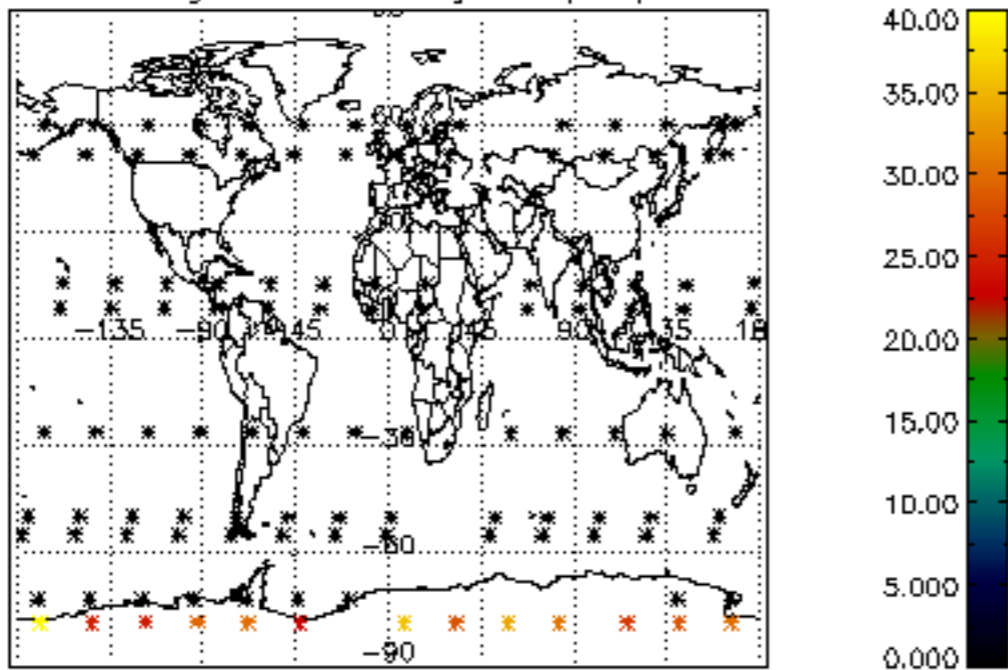
Percentage of star falling outside central band per profile



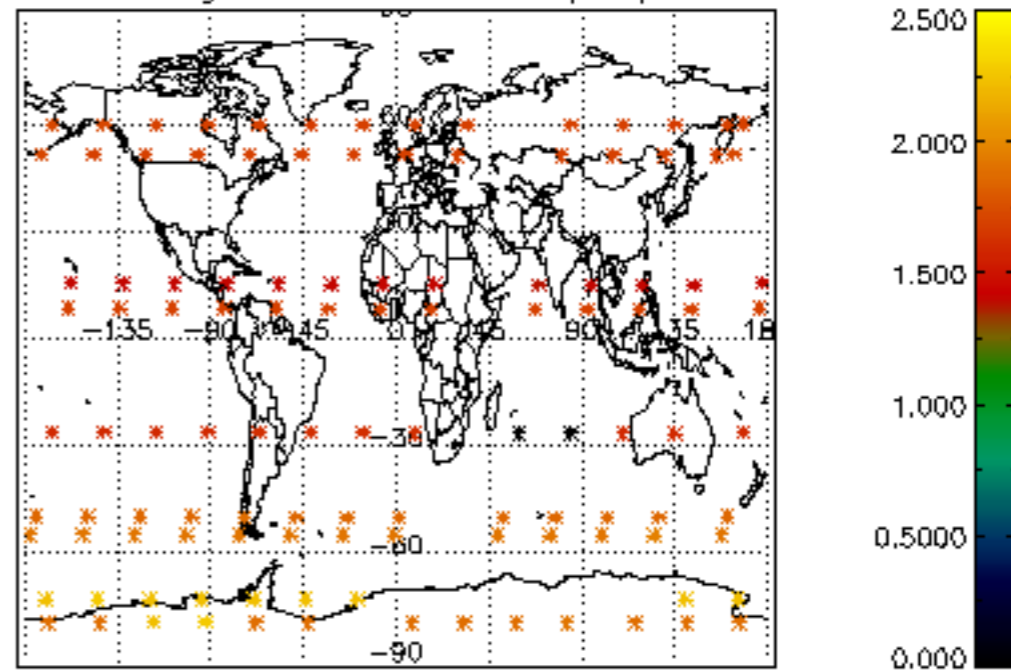
Percentage of saturation errors per profile



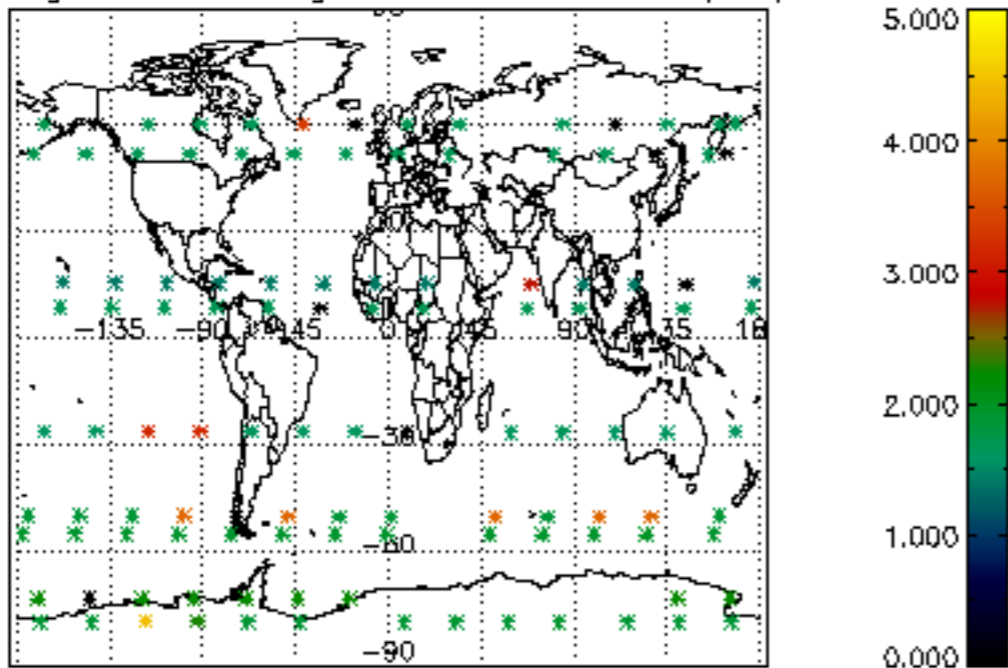
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

