

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	22APR2013 19:00:59
Data source version	GOMOS/6.01
Start time of products	29-04-2007 (29APR2007 00:00:00)
Stop time of products	30-04-2007 (30APR2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	154
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__2PRFIN20070429_111544_000000912057_00381_26988_4021.N1	29-APR-2007 11:15:44	Straylight	90.500	43	Alp TrA	1.9100	4250.0	181	26988	No
2	GOM_NL__2PRFIN20070429_111754_000000902057_00381_26988_4022.N1	29-APR-2007 11:17:54	Straylight	89.500	134	Bet TrA	2.8100	6600.0	179	26988	No
3	GOM_NL__2PRFIN20070429_112001_000000952057_00381_26988_4023.N1	29-APR-2007 11:20:01	Straylight	95.000	4	Alp1Cen	-0.010000	5800.0	190	26988	No
4	GOM_NL__2PRFIN20070429_112322_000000932057_00381_26988_4024.N1	29-APR-2007 11:23:22	Straylight	93.000	78	Alp Lup	2.3040	28000.	186	26988	No
5	GOM_NL__2PRFIN20070429_112703_000000962057_00381_26988_4025.N1	29-APR-2007 11:27:03	Twilight_stray	96.000	54	5The Cen	2.0550	4500.0	192	26988	No
6	GOM_NL__2PRFIN20070429_113123_000001042057_00381_26988_4026.N1	29-APR-2007 11:31:23	Bright	104.00	169	46Gam Hya	2.9910	4700.0	208	26988	No
7	GOM_NL__2PRFIN20070429_113444_000000912057_00381_26988_4027.N1	29-APR-2007 11:34:44	Bright	90.500	15	67Alp Vir	0.97600	28000.	181	26988	No
8	GOM_NL__2PRFIN20070429_113748_000001022057_00381_26988_4028.N1	29-APR-2007 11:37:48	Bright	102.00	121	29Gam Vir	2.7400	7200.0	204	26988	No
9	GOM_NL__2PRFIN20070429_114109_000000872057_00381_26988_4029.N1	29-APR-2007 11:41:09	Bright	86.500	138	47Eps Vir	2.8280	4700.0	173	26988	No
10	GOM_NL__2PRFIN20070429_115327_000000842057_00381_26988_4030.N1	29-APR-2007 11:53:27	Bright	84.000	87	64Gam UMa	2.4330	11000.	168	26988	No
11	GOM_NL__2PRFIN20070429_115607_000000872057_00381_26988_4031.N1	29-APR-2007 11:56:07	Bright	86.500	36	50Alp UMa	1.8000	6300.0	173	26988	No
12	GOM_NL__2PRFIN20070429_121130_000000842057_00381_26988_4032.N1	29-APR-2007 12:11:30	Bright	84.000	110	37Del Cas	2.6780	8900.0	168	26988	No
13	GOM_NL__2PRFIN20070429_123824_000000962057_00381_26988_4033.N1	29-APR-2007 12:38:24	Dark	95.500	18	24Alp PsA	1.1660	9700.0	191	26988	No
14	GOM_NL__2PRFIN20070429_124408_000000932057_00381_26988_4034.N1	29-APR-2007 12:44:08	Dark	93.000	31	Alp Gru	1.7340	15200.	186	26988	No
15	GOM_NL__2PRFIN20070429_124653_000000872057_00381_26988_4035.N1	29-APR-2007 12:46:53	Dark	86.500	148	Alp Tuc	2.8780	4100.0	173	26988	No
16	GOM_NL__2PRFIN20070429_125620_000000912057_00382_26989_4042.N1	29-APR-2007 12:56:20	Straylight	91.000	43	Alp TrA	1.9100	4250.0	182	26989	No
17	GOM_NL__2PRFIN20070429_125831_000000882057_00382_26989_4043.N1	29-APR-2007 12:58:31	Straylight	88.000	134	Bet TrA	2.8100	6600.0	176	26989	No
18	GOM_NL__2PRFIN20070429_130037_000000932057_00382_26989_4044.N1	29-APR-2007 13:00:37	Straylight	93.000	4	Alp1Cen	-0.010000	5800.0	186	26989	No
19	GOM_NL__2PRFIN20070429_130359_000000932057_00382_26989_4045.N1	29-APR-2007 13:03:59	Straylight	92.500	78	Alp Lup	2.3040	28000.	185	26989	No
20	GOM_NL__2PRFIN20070429_130739_000000952057_00382_26989_4046.N1	29-APR-2007 13:07:39	Twilight_stray	95.000	54	5The Cen	2.0550	4500.0	190	26989	No
21	GOM_NL__2PRFIN20070429_131159_000000882057_00382_26989_4047.N1	29-APR-2007 13:11:59	Bright	88.000	169	46Gam Hya	2.9910	4700.0	176	26989	No
22	GOM_NL__2PRFIN20070429_131520_000000912057_00382_26989_4048.N1	29-APR-2007 13:15:20	Bright	91.000	15	67Alp Vir	0.97600	28000.	182	26989	No
23	GOM_NL__2PRFIN20070429_131824_000000862057_00382_26989_4049.N1	29-APR-2007 13:18:24	Bright	86.000	121	29Gam Vir	2.7400	7200.0	172	26989	No
24	GOM_NL__2PRFIN20070429_132145_000000872057_00382_26989_4050.N1	29-APR-2007 13:21:45	Bright	86.500	138	47Eps Vir	2.8280	4700.0	173	26989	No
25	GOM_NL__2PRFIN20070429_133403_000000852057_00382_26989_4051.N1	29-APR-2007 13:34:03	Bright	84.500	87	64Gam UMa	2.4330	11000.	169	26989	No
26	GOM_NL__2PRFIN20070429_133643_000000862057_00382_26989_4052.N1	29-APR-2007 13:36:43	Bright	85.500	36	50Alp UMa	1.8000	6300.0	171	26989	No
27	GOM_NL__2PRFIN20070429_134415_000000872057_00382_26989_4053.N1	29-APR-2007 13:44:15	Bright	87.000	49	1Alp UMi	1.9900	6300.0	174	26989	No
28	GOM_NL__2PRFIN20070429_135206_000000852057_00382_26989_4054.N1	29-APR-2007 13:52:06	Bright	85.000	110	37Del Cas	2.6780	8900.0	170	26989	No
29	GOM_NL__2PRFIN20070429_141900_000000932057_00382_26989_4055.N1	29-APR-2007 14:19:00	Dark	92.500	18	24Alp PsA	1.1660	9700.0	185	26989	No
30	GOM_NL__2PRFIN20070429_142445_000000922057_00382_26989_4056.N1	29-APR-2007 14:24:45	Dark	92.000	31	Alp Gru	1.7340	15200.	184	26989	No
31	GOM_NL__2PRFIN20070429_142729_000000932057_00382_26989_4057.N1	29-APR-2007 14:27:29	Dark	93.000	148	Alp Tuc	2.8780	4100.0	186	26989	No
32	GOM_NL__2PRFIN20070429_143103_000000402057_00383_26990_4057.N1	29-APR-2007 14:31:03	Dark	40.000	45	Alp Pav	1.9400	26000.	80	26990	No
33	GOM_NL__2PRFIN20070429_143746_000000412057_00383_26990_4058.N1	29-APR-2007 14:37:46	Straylight	41.000	43	Alp TrA	1.9100	4250.0	82	26990	No
34	GOM_NL__2PRFIN20070429_143958_000000382057_00383_26990_4059.N1	29-APR-2007 14:39:58	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	26990	No
35	GOM_NL__2PRFIN20070429_144204_000000462057_00383_26990_4060.N1	29-APR-2007 14:42:04	Straylight	46.000	4	Alp1Cen	-0.010000	5800.0	92	26990	No
36	GOM_NL__2PRFIN20070429_144528_000000392057_00383_26990_4061.N1	29-APR-2007 14:45:28	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	26990	No
37	GOM_NL__2PRFIN20070429_144701_000000402057_00383_26990_4062.N1	29-APR-2007 14:47:01	Straylight	39.500	81	Eta Cen	2.3560	28000.	79	26990	No
38	GOM_NL__2PRFIN20070429_144908_000000432057_00383_26990_4063.N1	29-APR-2007 14:49:08	Twilight_stray	42.500	54	5The Cen	2.0550	4500.0	85	26990	No
39	GOM_NL__2PRFIN20070429_145327_000000412057_00383_26990_4064.N1	29-APR-2007 14:53:27	Bright	41.000	169	46Gam Hya	2.9910	4700.0	82	26990	No
40	GOM_NL__2PRFIN20070429_145647_000000392057_00383_26990_4065.N1	29-APR-2007 14:56:47	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	26990	No
41	GOM_NL__2PRFIN20070429_145951_000000352057_00383_26990_4066.N1	29-APR-2007 14:59:51	Bright	35.000	121	29Gam Vir	2.7400	7200.0	70	26990	No
42	GOM_NL__2PRFIN20070429_150313_000000362057_00383_26990_4067.N1	29-APR-2007 15:03:13	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	26990	No

43	GOM_NL__2PRFIN20070429_151059_000000352057_00383_26990_4068.N1	29-APR-2007 15:10:59	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	26990	No
44	GOM_NL__2PRFIN20070429_151528_000000352057_00383_26990_4069.N1	29-APR-2007 15:15:28	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	26990	No
45	GOM_NL__2PRFIN20070429_151648_000000362057_00383_26990_4070.N1	29-APR-2007 15:16:48	Bright	35.500	82	48Bet UMa	2.3650	10600.	71	26990	No
46	GOM_NL__2PRFIN20070429_151809_000000362057_00383_26990_4071.N1	29-APR-2007 15:18:09	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	26990	No
47	GOM_NL__2PRFIN20070429_152543_000000362057_00383_26990_4072.N1	29-APR-2007 15:25:43	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	26990	No
48	GOM_NL__2PRFIN20070429_153332_000000342057_00383_26990_4073.N1	29-APR-2007 15:33:32	Bright	33.500	110	37Del Cas	2.6780	8900.0	67	26990	No
49	GOM_NL__2PRFIN20070429_153456_000000522057_00383_26990_4074.N1	29-APR-2007 15:34:56	Bright	52.000	68	18Alp Cas	2.2250	4500.0	104	26990	No
50	GOM_NL__2PRFIN20070429_160029_000000472057_00383_26990_4075.N1	29-APR-2007 16:00:29	Dark	46.500	18	24Alp PsA	1.1660	9700.0	93	26990	No
51	GOM_NL__2PRFIN20070429_160613_000000432057_00383_26990_4076.N1	29-APR-2007 16:06:13	Dark	43.000	31	Alp Gru	1.7340	15200.	86	26990	No
52	GOM_NL__2PRFIN20070429_160855_000000422057_00384_26991_4068.N1	29-APR-2007 16:08:55	Dark	42.000	148	Alp Tuc	2.8780	4100.0	84	26991	No
53	GOM_NL__2PRFIN20070429_161139_000000422057_00384_26991_4069.N1	29-APR-2007 16:11:39	Dark	41.500	45	Alp Pav	1.9400	26000.	83	26991	No
54	GOM_NL__2PRFIN20070429_161823_000000392057_00384_26991_4070.N1	29-APR-2007 16:18:23	Straylight	38.500	43	Alp TrA	1.9100	4250.0	77	26991	No
55	GOM_NL__2PRFIN20070429_162034_000000382057_00384_26991_4071.N1	29-APR-2007 16:20:34	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	26991	No
56	GOM_NL__2PRFIN20070429_162240_000000412057_00384_26991_4072.N1	29-APR-2007 16:22:40	Straylight	41.000	4	Alp1Cen	-0.010000	5800.0	82	26991	No
57	GOM_NL__2PRFIN20070429_162604_000000392057_00384_26991_4073.N1	29-APR-2007 16:26:04	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	26991	No
58	GOM_NL__2PRFIN20070429_162737_000000402057_00384_26991_4074.N1	29-APR-2007 16:27:37	Straylight	39.500	81	Eta Cen	2.3560	28000.	79	26991	No
59	GOM_NL__2PRFIN20070429_162944_000000432057_00384_26991_4075.N1	29-APR-2007 16:29:44	Tw_i_and_stray	43.000	54	5The Cen	2.0550	4500.0	86	26991	No
60	GOM_NL__2PRFIN20070429_163403_000000402057_00384_26991_4076.N1	29-APR-2007 16:34:03	Bright	39.500	169	46Gam Hya	2.9910	4700.0	79	26991	No
61	GOM_NL__2PRFIN20070429_163724_000000392057_00384_26991_4077.N1	29-APR-2007 16:37:24	Bright	39.000	15	67Alp Vir	0.97600	28000.	78	26991	No
62	GOM_NL__2PRFIN20070429_164027_000000352057_00384_26991_4078.N1	29-APR-2007 16:40:27	Bright	35.000	121	29Gam Vir	2.7400	7200.0	70	26991	No
63	GOM_NL__2PRFIN20070429_164349_000000362057_00384_26991_4079.N1	29-APR-2007 16:43:49	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	26991	No
64	GOM_NL__2PRFIN20070429_165135_000000362057_00384_26991_4080.N1	29-APR-2007 16:51:35	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	26991	No
65	GOM_NL__2PRFIN20070429_165604_000000352057_00384_26991_4081.N1	29-APR-2007 16:56:04	Bright	34.500	87	64Gam UMa	2.4330	11000.	69	26991	No
66	GOM_NL__2PRFIN20070429_165724_000000392057_00384_26991_4082.N1	29-APR-2007 16:57:24	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	26991	No
67	GOM_NL__2PRFIN20070429_165845_000000372057_00384_26991_4083.N1	29-APR-2007 16:58:45	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	26991	No
68	GOM_NL__2PRFIN20070429_170619_000000362057_00384_26991_4084.N1	29-APR-2007 17:06:19	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	26991	No
69	GOM_NL__2PRFIN20070429_171408_000000342057_00384_26991_4085.N1	29-APR-2007 17:14:08	Bright	34.000	110	37Del Cas	2.6780	8900.0	68	26991	No
70	GOM_NL__2PRFIN20070429_171532_000000332057_00384_26991_4086.N1	29-APR-2007 17:15:32	Bright	32.500	68	18Alp Cas	2.2250	4500.0	65	26991	No
71	GOM_NL__2PRFIN20070429_174105_000000432057_00384_26991_4087.N1	29-APR-2007 17:41:05	Dark	42.500	18	24Alp PsA	1.1660	9700.0	85	26991	No
72	GOM_NL__2PRFIN20070429_174650_000000422057_00384_26991_4088.N1	29-APR-2007 17:46:50	Dark	42.000	31	Alp Gru	1.7340	15200.	84	26991	No
73	GOM_NL__2PRFIN20070429_174932_000000412057_00385_26992_4089.N1	29-APR-2007 17:49:32	Dark	41.000	148	Alp Tuc	2.8780	4100.0	82	26992	No
74	GOM_NL__2PRFIN20070429_175216_000000412057_00385_26992_4090.N1	29-APR-2007 17:52:16	Dark	41.000	45	Alp Pav	1.9400	26000.	82	26992	No
75	GOM_NL__2PRFIN20070429_175859_000000432057_00385_26992_4091.N1	29-APR-2007 17:58:59	Straylight	43.000	43	Alp TrA	1.9100	4250.0	86	26992	No
76	GOM_NL__2PRFIN20070429_180110_000000382057_00385_26992_4092.N1	29-APR-2007 18:01:10	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	26992	No
77	GOM_NL__2PRFIN20070429_180316_000000502057_00385_26992_4093.N1	29-APR-2007 18:03:16	Straylight	50.000	4	Alp1Cen	-0.010000	5800.0	100	26992	No
78	GOM_NL__2PRFIN20070429_180640_000000392057_00385_26992_4094.N1	29-APR-2007 18:06:40	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	26992	No
79	GOM_NL__2PRFIN20070429_180813_000000402057_00385_26992_4095.N1	29-APR-2007 18:08:13	Straylight	39.500	81	Eta Cen	2.3560	28000.	79	26992	No
80	GOM_NL__2PRFIN20070429_181020_000000432057_00385_26992_4096.N1	29-APR-2007 18:10:20	Tw_i_and_stray	42.500	54	5The Cen	2.0550	4500.0	85	26992	No
81	GOM_NL__2PRFIN20070429_181439_000000522057_00385_26992_4097.N1	29-APR-2007 18:14:39	Bright	52.000	169	46Gam Hya	2.9910	4700.0	104	26992	No
82	GOM_NL__2PRFIN20070429_181800_000000382057_00385_26992_4098.N1	29-APR-2007 18:18:00	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	26992	No
83	GOM_NL__2PRFIN20070429_182103_000000362057_00385_26992_4099.N1	29-APR-2007 18:21:03	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	26992	No
84	GOM_NL__2PRFIN20070429_182425_000000362057_00385_26992_4100.N1	29-APR-2007 18:24:25	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	26992	No
85	GOM_NL__2PRFIN20070429_183211_000000352057_00385_26992_4101.N1	29-APR-2007 18:32:11	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	26992	No
86	GOM_NL__2PRFIN20070429_183640_000000362057_00385_26992_4102.N1	29-APR-2007 18:36:40	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	26992	No
87	GOM_NL__2PRFIN20070429_183801_000000442057_00385_26992_4103.N1	29-APR-2007 18:38:01	Bright	44.000	82	48Bet UMa	2.3650	10600.	88	26992	No
88	GOM_NL__2PRFIN20070429_183921_000000352057_00385_26992_4104.N1	29-APR-2007 18:39:21	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	26992	No
89	GOM_NL__2PRFIN20070429_184655_000000362057_00385_26992_4105.N1	29-APR-2007 18:46:55	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	26992	No
90	GOM_NL__2PRFIN20070429_185444_000000332057_00385_26992_4106.N1	29-APR-2007 18:54:44	Bright	33.000	110	37Del Cas	2.6780	8900.0	66	26992	No
91	GOM_NL__2PRFIN20070429_185608_000000342057_00385_26992_4107.N1	29-APR-2007 18:56:08	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	26992	No
92	GOM_NL__2PRFIN20070429_192142_000000452057_00385_26992_4108.N1	29-APR-2007 19:21:42	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	26992	No
93	GOM_NL__2PRFIN20070429_192726_000000422057_00385_26992_4109.N1	29-APR-2007 19:27:26	Dark	41.500	31	Alp Gru	1.7340	15200.	83	26992	No
94	GOM_NL__2PRFIN20070429_193008_000000392057_00386_26993_4105.N1	29-APR-2007 19:30:08	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	26993	No
95	GOM_NL__2PRFIN20070429_193253_000000412057_00386_26993_4106.N1	29-APR-2007 19:32:53	Dark	41.000	45	Alp Pav	1.9400	26000.	82	26993	No
96	GOM_NL__2PRFIN20070429_193935_000000412057_00386_26993_4107.N1	29-APR-2007 19:39:35	Straylight	41.000	43	Alp TrA	1.9100	4250.0	82	26993	No
97	GOM_NL__2PRFIN20070429_194147_000000382057_00386_26993_4108.N1	29-APR-2007 19:41:47	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	26993	No
98	GOM_NL__2PRFIN20070429_194353_000000492057_00386_26993_4109.N1	29-APR-2007 19:43:53	Straylight	49.000	4	Alp1Cen	-0.010000	5800.0	98	26993	No
99	GOM_NL__2PRFIN20070429_194717_000000392057_00386_26993_4110.N1	29-APR-2007 19:47:17	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	26993	No
100	GOM_NL__2PRFIN20070429_194850_000000422057_00386_26993_4111.N1	29-APR-2007 19:48:50	Straylight	41.500	81	Eta Cen	2.3560	28000.	83	26993	No
101	GOM_NL__2PRFIN20070429_195056_000000462057_00386_26993_4112.N1	29-APR-2007 19:50:56	Tw_i_and_stray	45.500	54	5The Cen	2.0550	4500.0	91	26993	No

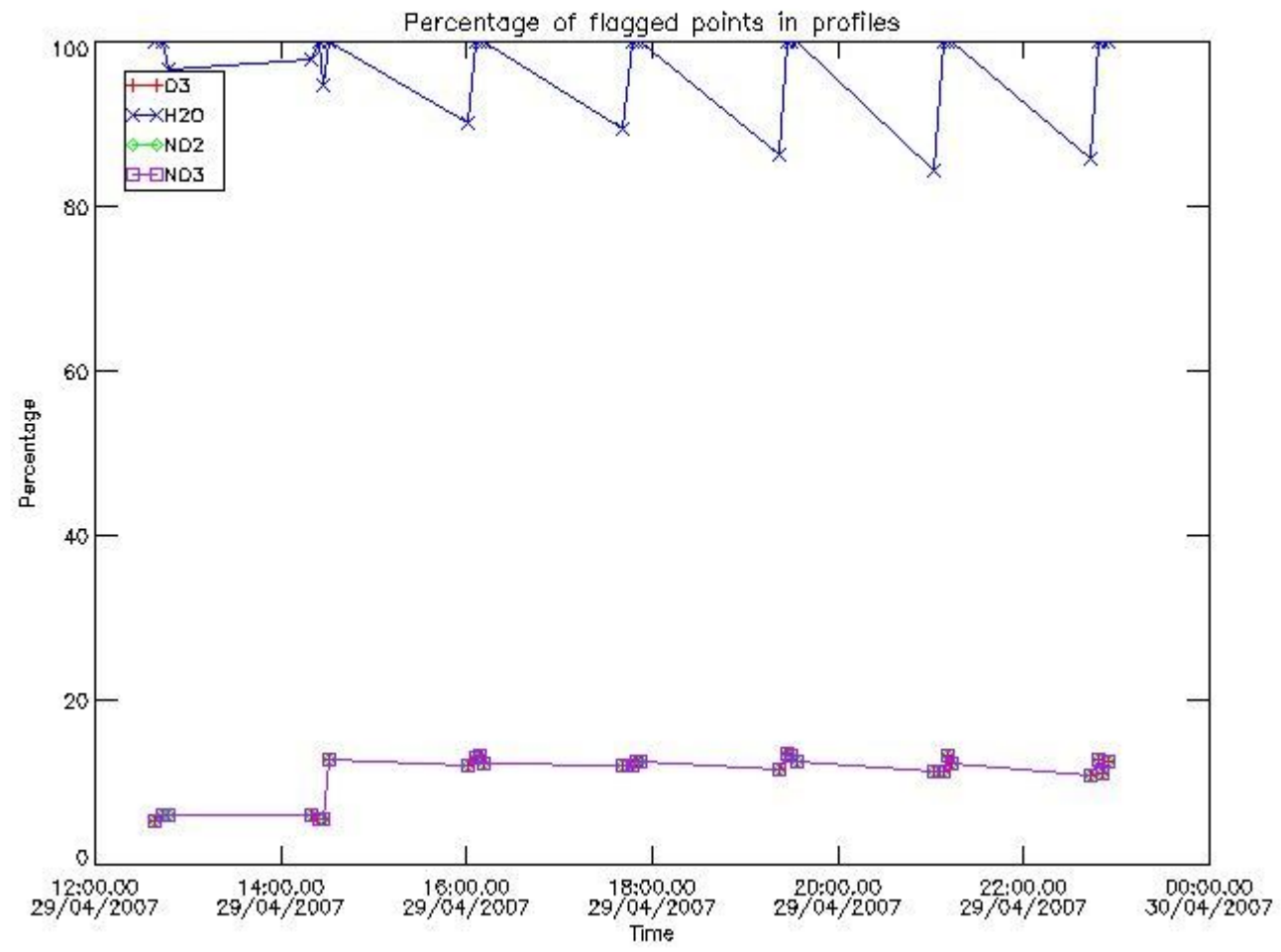
102	GOM_NL__2PRFIN20070429_195515_000000452057_00386_26993_4113.N1	29-APR-2007 19:55:15	Bright	44.500	169	46Gam Hya	2.9910	4700.0	89	26993	No
103	GOM_NL__2PRFIN20070429_195836_000000392057_00386_26993_4114.N1	29-APR-2007 19:58:36	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	26993	No
104	GOM_NL__2PRFIN20070429_200139_000000342057_00386_26993_4115.N1	29-APR-2007 20:01:39	Bright	34.000	121	29Gam Vir	2.7400	7200.0	68	26993	No
105	GOM_NL__2PRFIN20070429_200501_000000362057_00386_26993_4116.N1	29-APR-2007 20:05:01	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	26993	No
106	GOM_NL__2PRFIN20070429_201247_000000352057_00386_26993_4117.N1	29-APR-2007 20:12:47	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	26993	No
107	GOM_NL__2PRFIN20070429_201716_000000372057_00386_26993_4118.N1	29-APR-2007 20:17:16	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	26993	No
108	GOM_NL__2PRFIN20070429_201837_000000362057_00386_26993_4119.N1	29-APR-2007 20:18:37	Bright	35.500	82	48Bet UMa	2.3650	10600.	71	26993	No
109	GOM_NL__2PRFIN20070429_201957_000000362057_00386_26993_4120.N1	29-APR-2007 20:19:57	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	26993	No
110	GOM_NL__2PRFIN20070429_202731_000000362057_00386_26993_4121.N1	29-APR-2007 20:27:31	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	26993	No
111	GOM_NL__2PRFIN20070429_203521_000000362057_00386_26993_4122.N1	29-APR-2007 20:35:21	Bright	36.000	110	37Del Cas	2.6780	8900.0	72	26993	No
112	GOM_NL__2PRFIN20070429_203644_000000392057_00386_26993_4123.N1	29-APR-2007 20:36:44	Bright	39.000	68	18Alp Cas	2.2250	4500.0	78	26993	No
113	GOM_NL__2PRFIN20070429_210218_000000452057_00386_26993_4124.N1	29-APR-2007 21:02:18	Dark	45.000	18	24Alp PsA	1.1660	9700.0	90	26993	No
114	GOM_NL__2PRFIN20070429_210803_000000452057_00386_26993_4125.N1	29-APR-2007 21:08:03	Dark	45.000	31	Alp Gru	1.7340	15200.	90	26993	No
115	GOM_NL__2PRFIN20070429_211044_000000392057_00387_26994_4121.N1	29-APR-2007 21:10:44	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	26994	No
116	GOM_NL__2PRFIN20070429_211329_000000422057_00387_26994_4122.N1	29-APR-2007 21:13:29	Dark	41.500	45	Alp Pav	1.9400	26000.	83	26994	No
117	GOM_NL__2PRFIN20070429_212012_000000452057_00387_26994_4123.N1	29-APR-2007 21:20:12	Straylight	45.000	43	Alp TrA	1.9100	4250.0	90	26994	No
118	GOM_NL__2PRFIN20070429_212223_000000392057_00387_26994_4124.N1	29-APR-2007 21:22:23	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	26994	No
119	GOM_NL__2PRFIN20070429_212429_000000392057_00387_26994_4125.N1	29-APR-2007 21:24:29	Straylight	39.000	4	Alp1Cen	-0.010000	5800.0	78	26994	No
120	GOM_NL__2PRFIN20070429_212753_000000422057_00387_26994_4126.N1	29-APR-2007 21:27:53	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	26994	No
121	GOM_NL__2PRFIN20070429_212926_000000422057_00387_26994_4127.N1	29-APR-2007 21:29:26	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	26994	No
122	GOM_NL__2PRFIN20070429_213133_000000442057_00387_26994_4128.N1	29-APR-2007 21:31:33	Tw_i_and_stray	43.500	54	5The Cen	2.0550	4500.0	87	26994	No
123	GOM_NL__2PRFIN20070429_213551_000000422057_00387_26994_4129.N1	29-APR-2007 21:35:51	Bright	41.500	169	46Gam Hya	2.9910	4700.0	83	26994	No
124	GOM_NL__2PRFIN20070429_213912_000000382057_00387_26994_4130.N1	29-APR-2007 21:39:12	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	26994	No
125	GOM_NL__2PRFIN20070429_214216_000000352057_00387_26994_4131.N1	29-APR-2007 21:42:16	Bright	35.000	121	29Gam Vir	2.7400	7200.0	70	26994	No
126	GOM_NL__2PRFIN20070429_214537_000000352057_00387_26994_4132.N1	29-APR-2007 21:45:37	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	26994	No
127	GOM_NL__2PRFIN20070429_215322_000000382057_00387_26994_4133.N1	29-APR-2007 21:53:22	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	26994	No
128	GOM_NL__2PRFIN20070429_215752_000000352057_00387_26994_4134.N1	29-APR-2007 21:57:52	Bright	34.500	87	64Gam UMa	2.4330	11000.	69	26994	No
129	GOM_NL__2PRFIN20070429_215913_000000522057_00387_26994_4135.N1	29-APR-2007 21:59:13	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	26994	No
130	GOM_NL__2PRFIN20070429_220033_000000362057_00387_26994_4136.N1	29-APR-2007 22:00:33	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	26994	No
131	GOM_NL__2PRFIN20070429_220807_000000362057_00387_26994_4137.N1	29-APR-2007 22:08:07	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	26994	No
132	GOM_NL__2PRFIN20070429_221557_000000332057_00387_26994_4138.N1	29-APR-2007 22:15:57	Bright	33.000	110	37Del Cas	2.6780	8900.0	66	26994	No
133	GOM_NL__2PRFIN20070429_221720_000000342057_00387_26994_4139.N1	29-APR-2007 22:17:20	Bright	33.500	68	18Alp Cas	2.2250	4500.0	67	26994	No
134	GOM_NL__2PRFIN20070429_224254_000000472057_00387_26994_4140.N1	29-APR-2007 22:42:54	Dark	46.500	18	24Alp PsA	1.1660	9700.0	93	26994	No
135	GOM_NL__2PRFIN20070429_224839_000000402057_00387_26994_4141.N1	29-APR-2007 22:48:39	Dark	40.000	31	Alp Gru	1.7340	15200.	80	26994	No
136	GOM_NL__2PRFIN20070429_225120_000000462057_00388_26995_4137.N1	29-APR-2007 22:51:20	Dark	46.000	148	Alp Tuc	2.8780	4100.0	92	26995	No
137	GOM_NL__2PRFIN20070429_225406_000000412057_00388_26995_4138.N1	29-APR-2007 22:54:06	Dark	41.000	45	Alp Pav	1.9400	26000.	82	26995	No
138	GOM_NL__2PRFIN20070429_230048_000000412057_00388_26995_4139.N1	29-APR-2007 23:00:48	Straylight	40.500	43	Alp TrA	1.9100	4250.0	81	26995	No
139	GOM_NL__2PRFIN20070429_230259_000000382057_00388_26995_4140.N1	29-APR-2007 23:02:59	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	26995	No
140	GOM_NL__2PRFIN20070429_230505_000000502057_00388_26995_4141.N1	29-APR-2007 23:05:05	Straylight	50.000	4	Alp1Cen	-0.010000	5800.0	100	26995	No
141	GOM_NL__2PRFIN20070429_230829_000000412057_00388_26995_4142.N1	29-APR-2007 23:08:29	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	26995	No
142	GOM_NL__2PRFIN20070429_231002_000000422057_00388_26995_4143.N1	29-APR-2007 23:10:02	Straylight	41.500	81	Eta Cen	2.3560	28000.	83	26995	No
143	GOM_NL__2PRFIN20070429_231209_000000412057_00388_26995_4144.N1	29-APR-2007 23:12:09	Tw_i_and_stray	40.500	54	5The Cen	2.0550	4500.0	81	26995	No
144	GOM_NL__2PRFIN20070429_231627_000000522057_00388_26995_4145.N1	29-APR-2007 23:16:27	Bright	52.000	169	46Gam Hya	2.9910	4700.0	104	26995	No
145	GOM_NL__2PRFIN20070429_231948_000000382057_00388_26995_4146.N1	29-APR-2007 23:19:48	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	26995	No
146	GOM_NL__2PRFIN20070429_232251_000000362057_00388_26995_4147.N1	29-APR-2007 23:22:51	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	26995	No
147	GOM_NL__2PRFIN20070429_232612_000000352057_00388_26995_4148.N1	29-APR-2007 23:26:12	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	26995	No
148	GOM_NL__2PRFIN20070429_233358_000000352057_00388_26995_4149.N1	29-APR-2007 23:33:58	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	26995	No
149	GOM_NL__2PRFIN20070429_233828_000000332057_00388_26995_4150.N1	29-APR-2007 23:38:28	Bright	32.500	87	64Gam UMa	2.4330	11000.	65	26995	No
150	GOM_NL__2PRFIN20070429_233949_000000352057_00388_26995_4151.N1	29-APR-2007 23:39:49	Bright	34.500	82	48Bet UMa	2.3650	10600.	69	26995	No
151	GOM_NL__2PRFIN20070429_234109_000000372057_00388_26995_4152.N1	29-APR-2007 23:41:09	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	26995	No
152	GOM_NL__2PRFIN20070429_234843_000000332057_00388_26995_4153.N1	29-APR-2007 23:48:43	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	26995	No
153	GOM_NL__2PRFIN20070429_235632_000000522057_00388_26995_4154.N1	29-APR-2007 23:56:32	Bright	52.000	110	37Del Cas	2.6780	8900.0	104	26995	No
154	GOM_NL__2PRFIN20070429_235756_000000522057_00388_26995_4155.N1	29-APR-2007 23:57:56	Bright	51.500	68	18Alp Cas	2.2250	4500.0	103	26995	No

3. Quality information per product

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

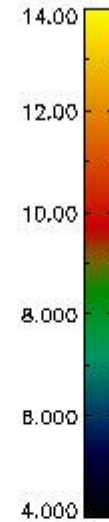
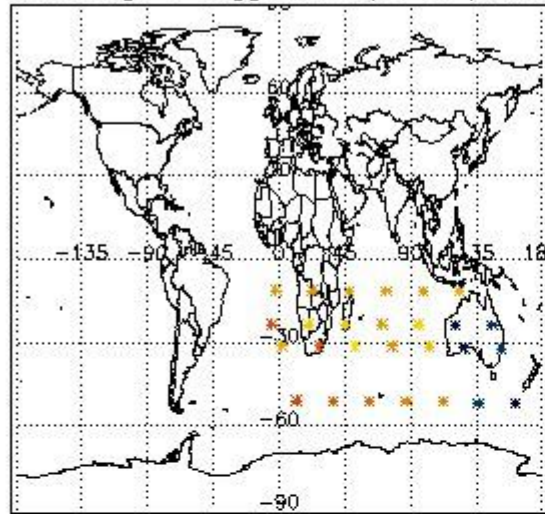
the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

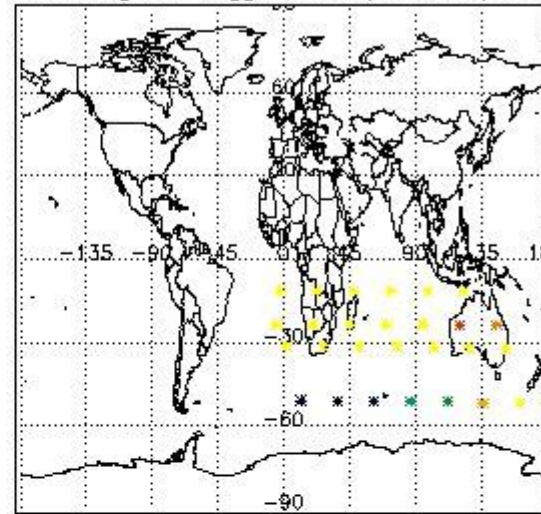


3.2 Plot quality information per product (world map)

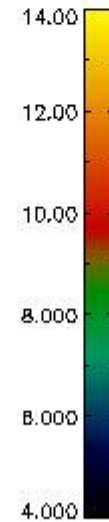
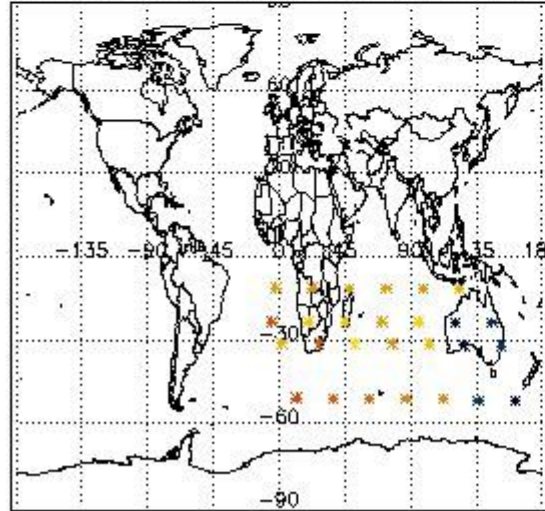
Percentage of flagged data per O3 profile



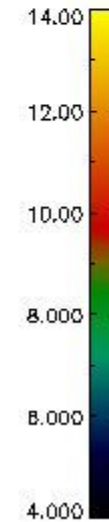
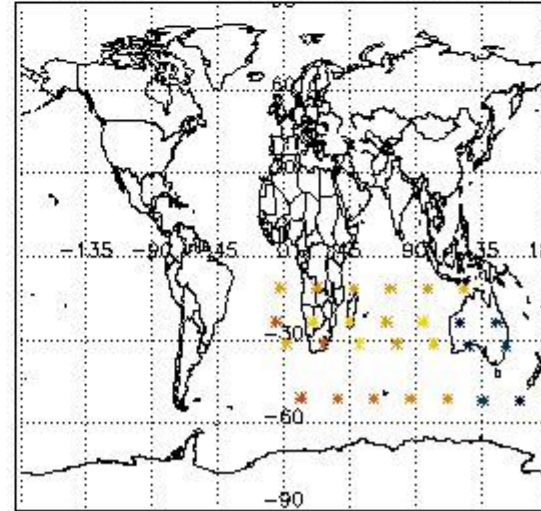
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

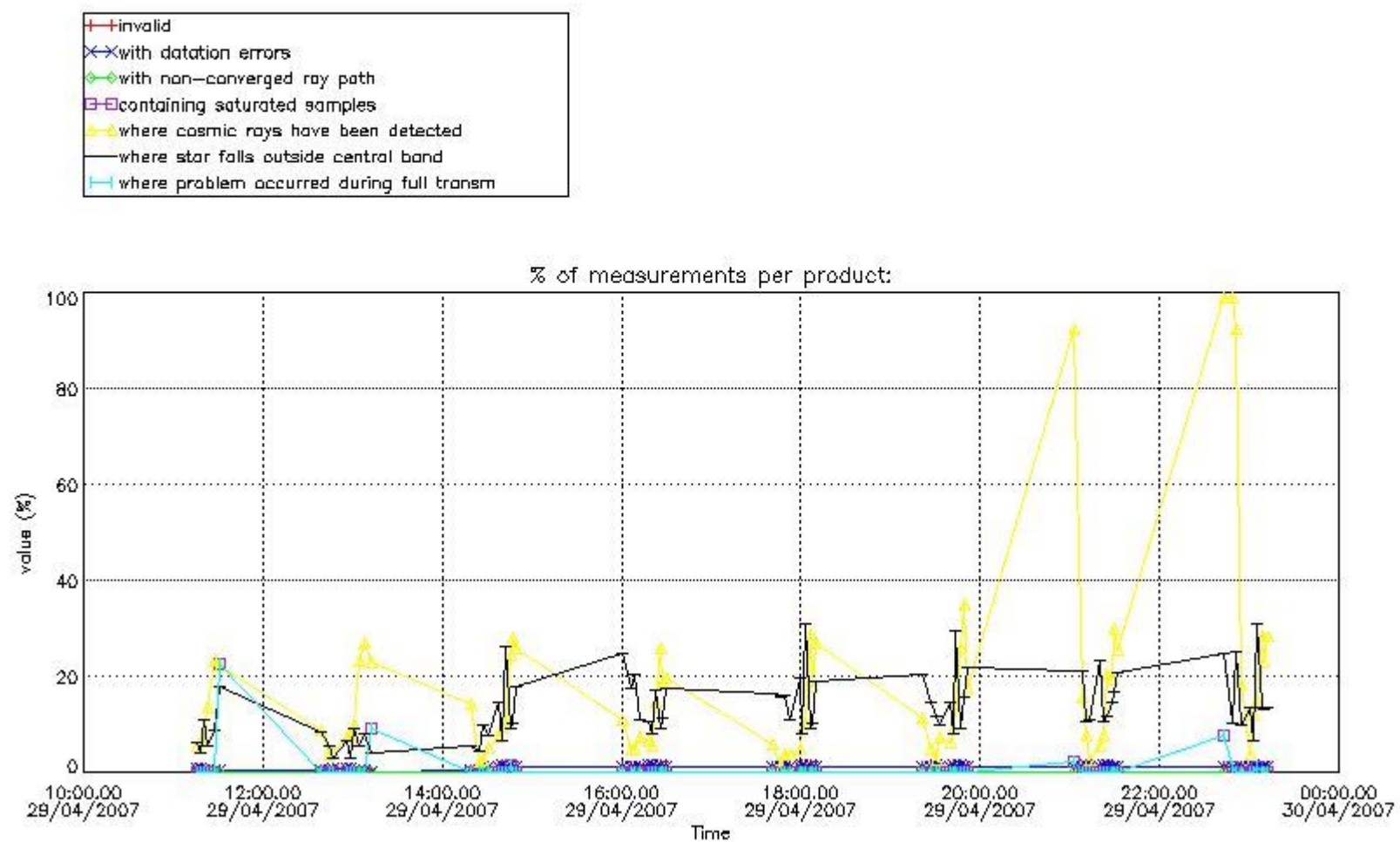


4. Level 1 quality information per product

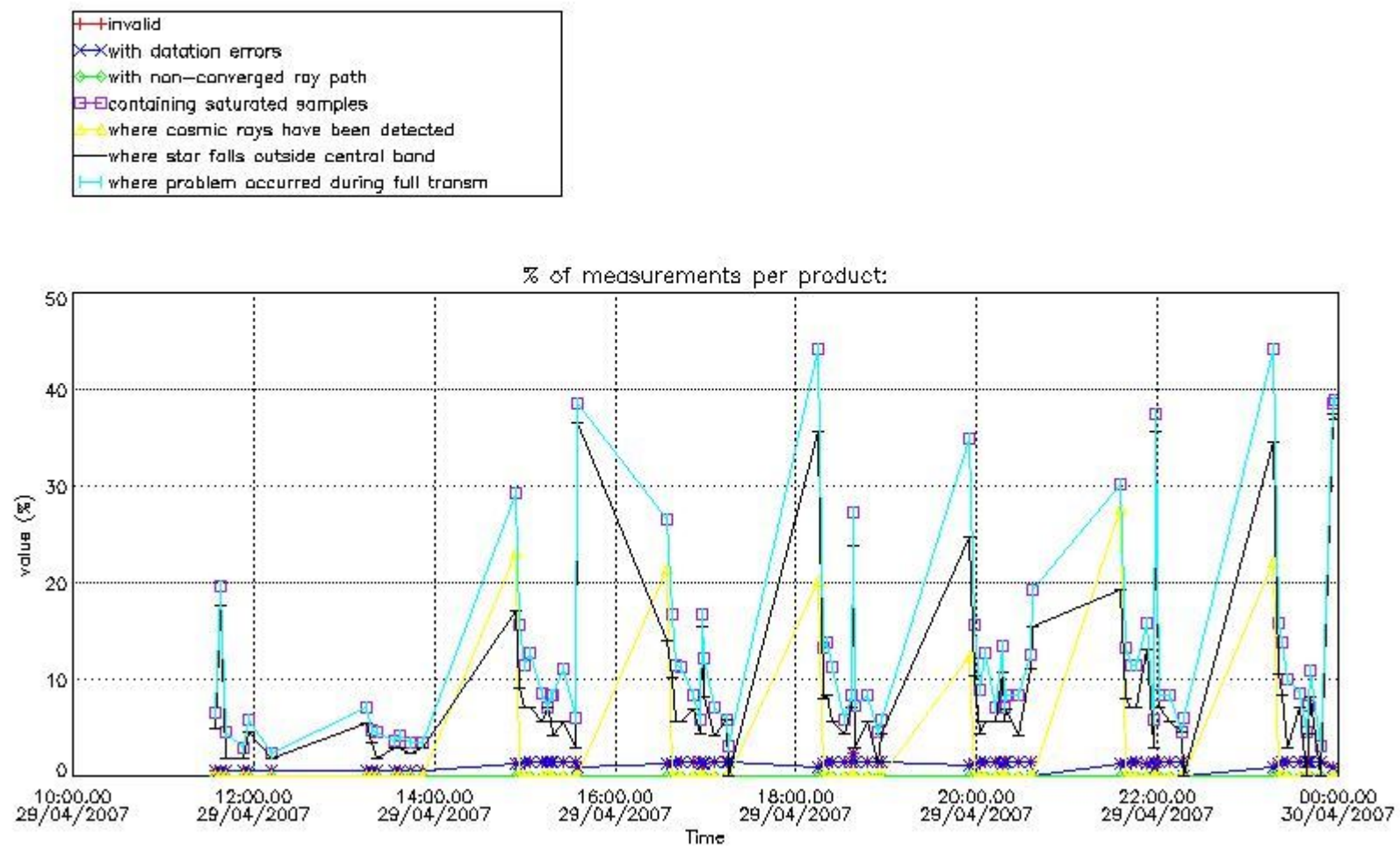
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



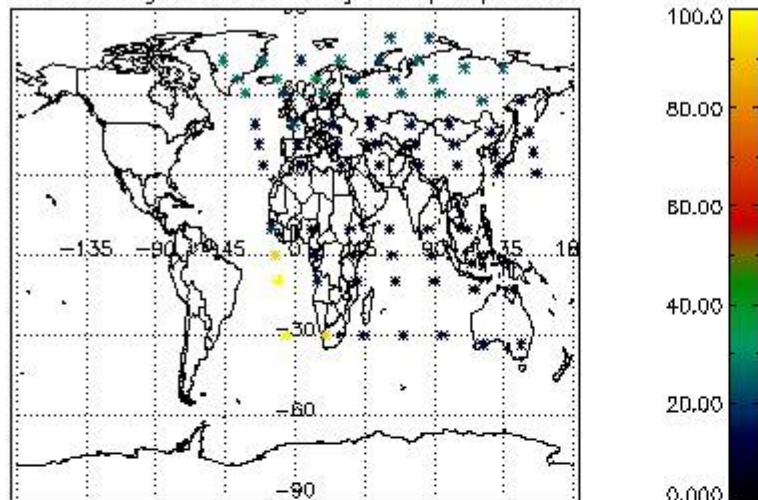
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



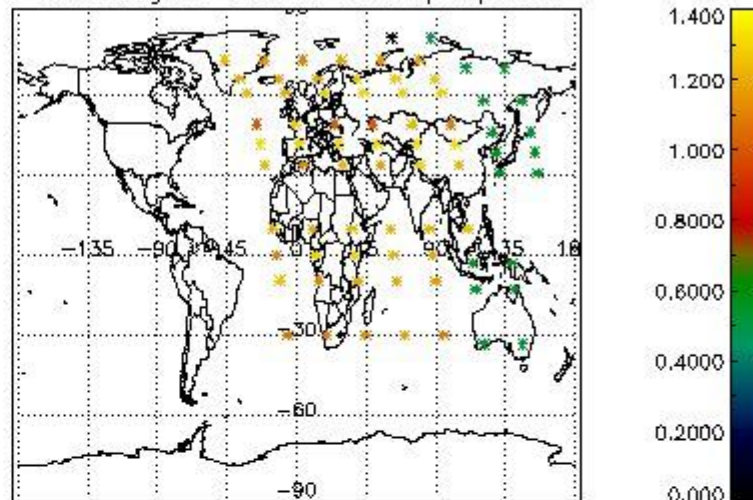
4.2 Plot quality information per product coming from level 1b processing (world map)

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

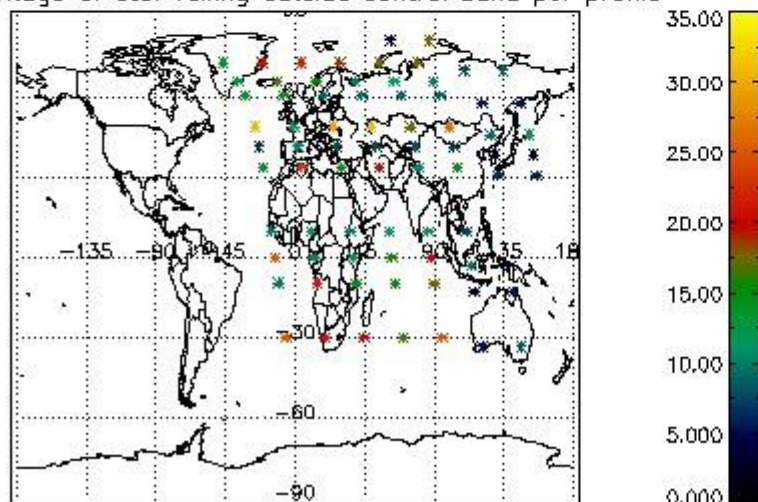
Percentage of cosmic ray hits per profile



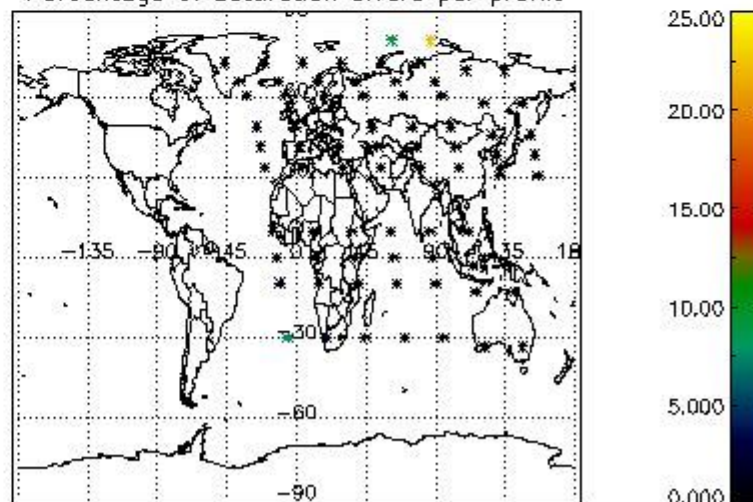
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

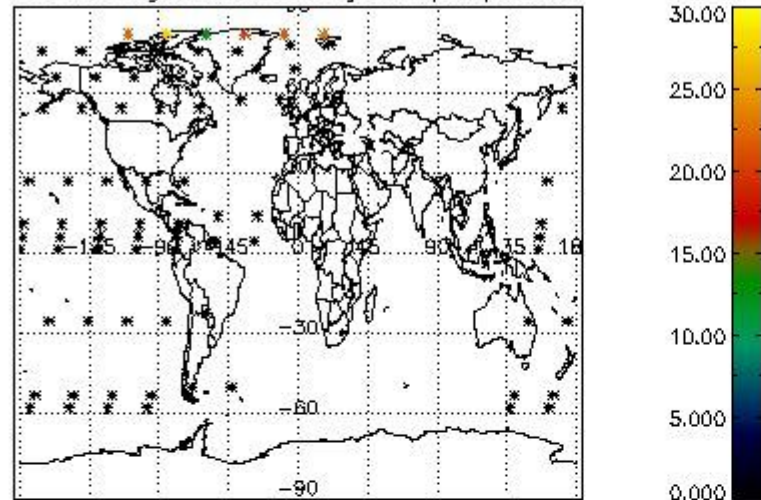


Percentage of saturation errors per profile

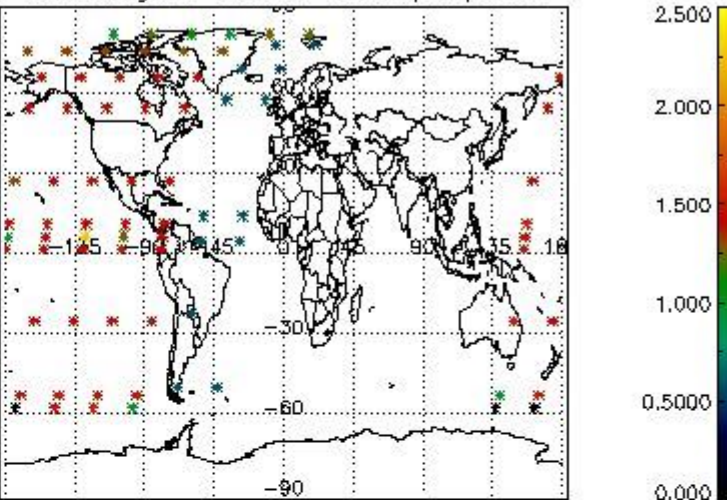


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

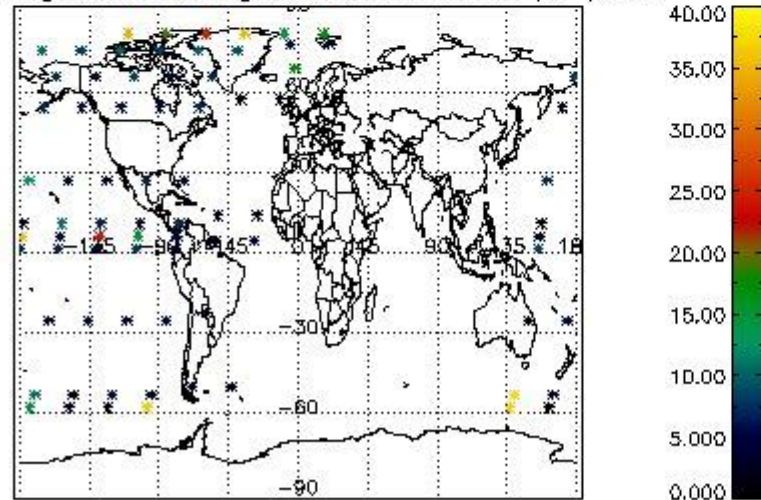
Percentage of cosmic ray hits per profile



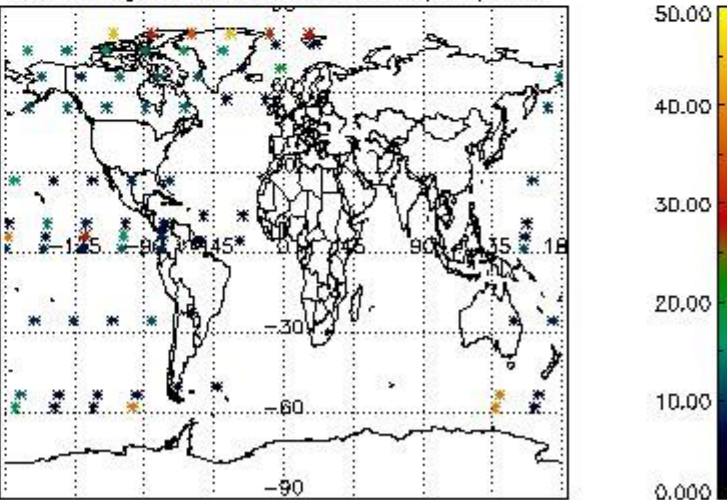
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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

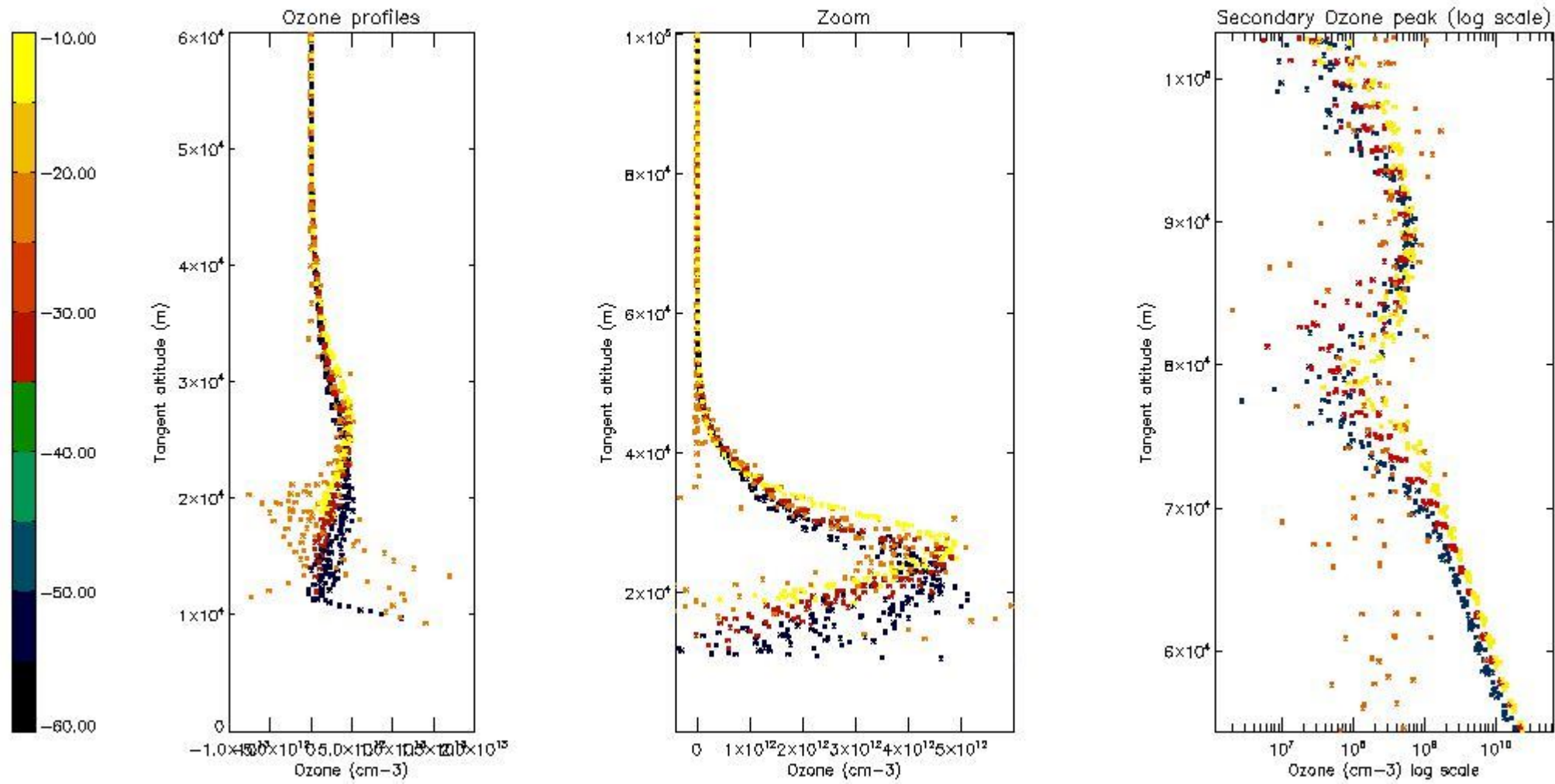
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	19
STD < 20	9

STD < 10	7
STD < 5	5

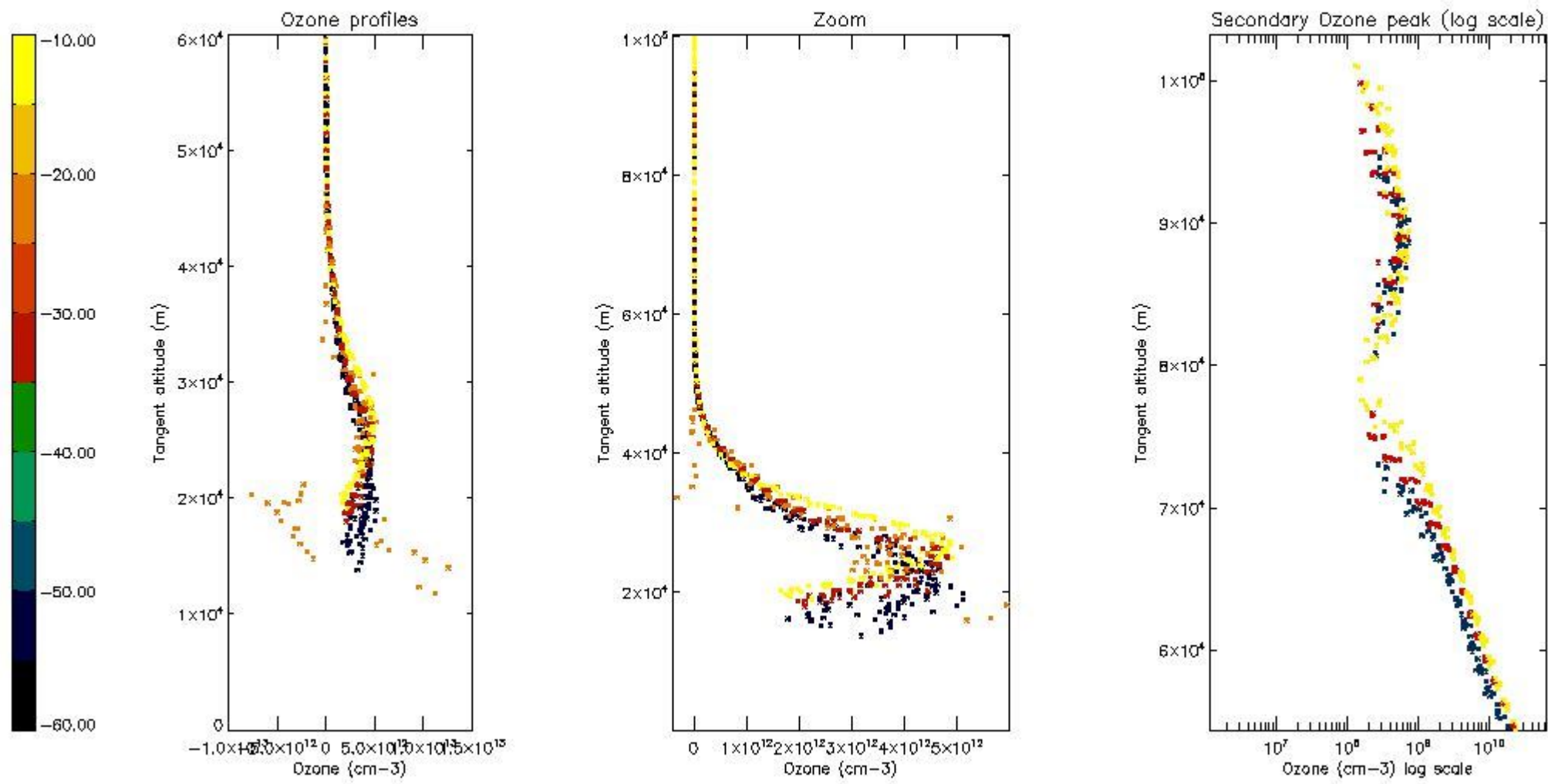
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



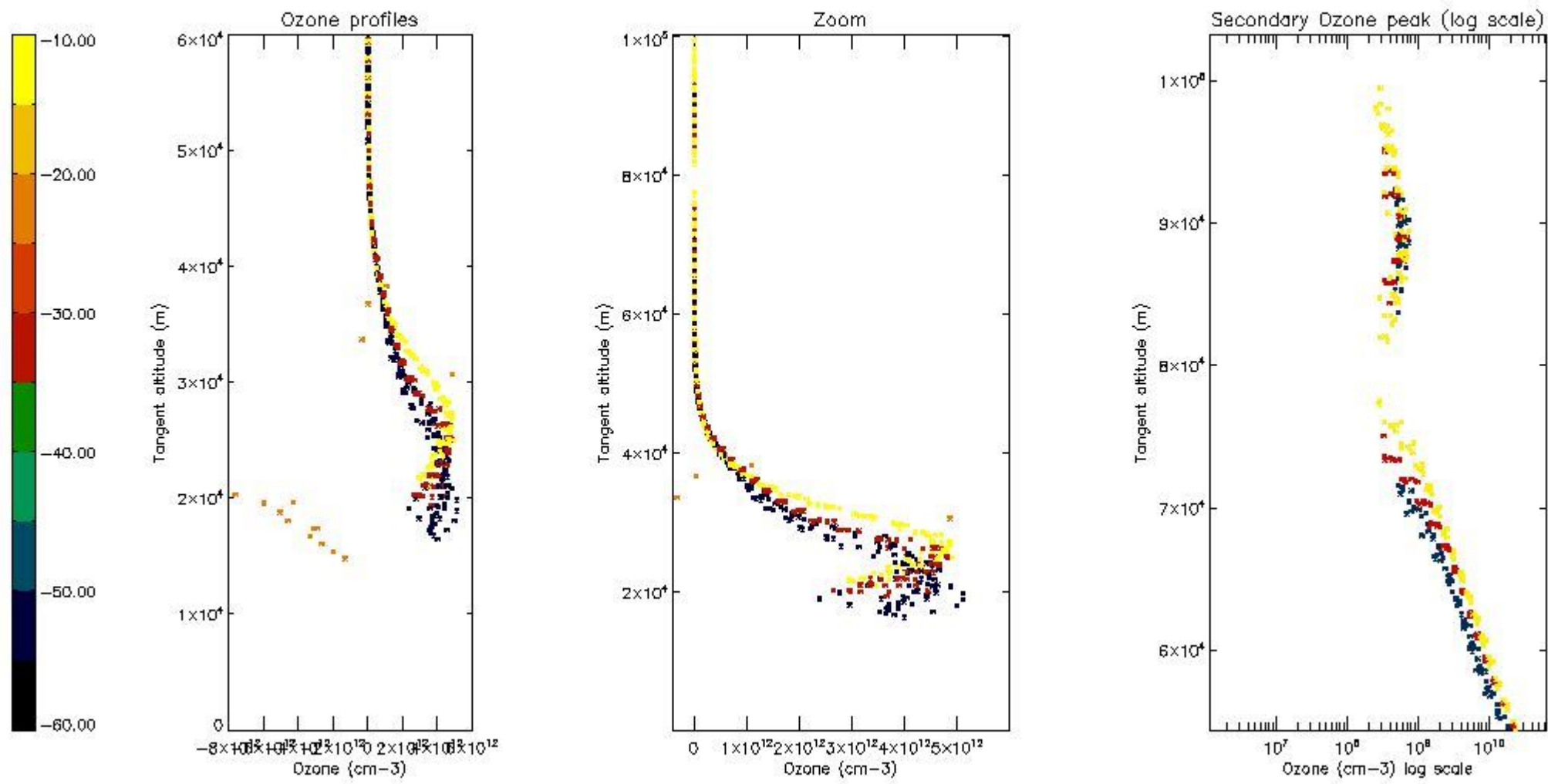
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



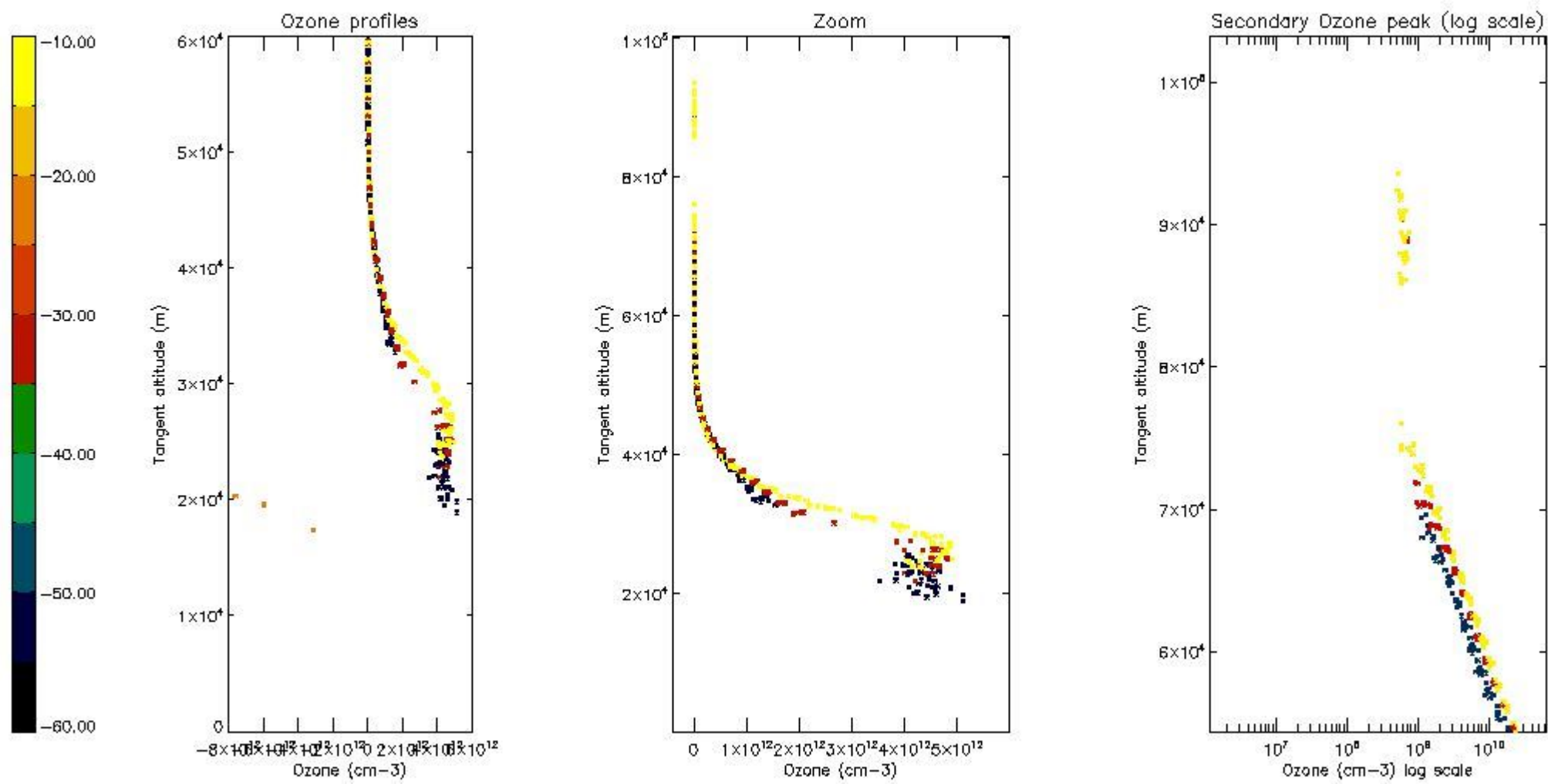
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



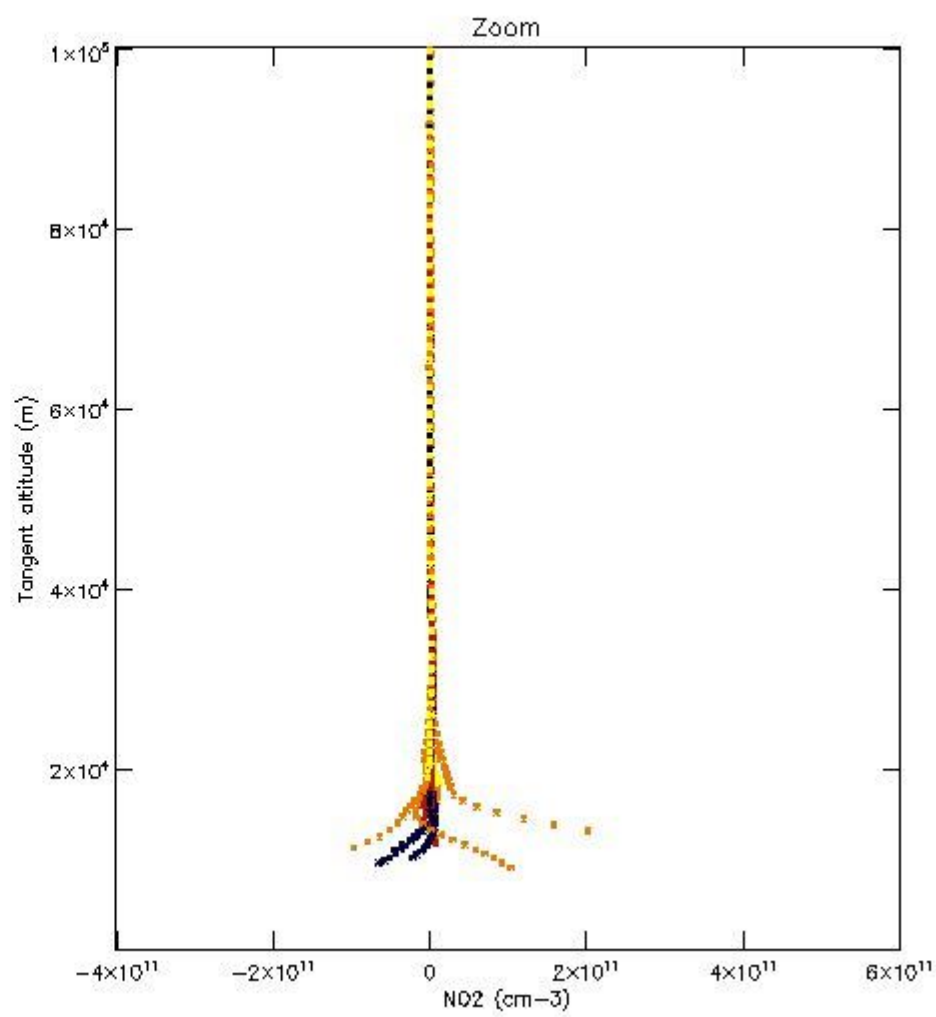
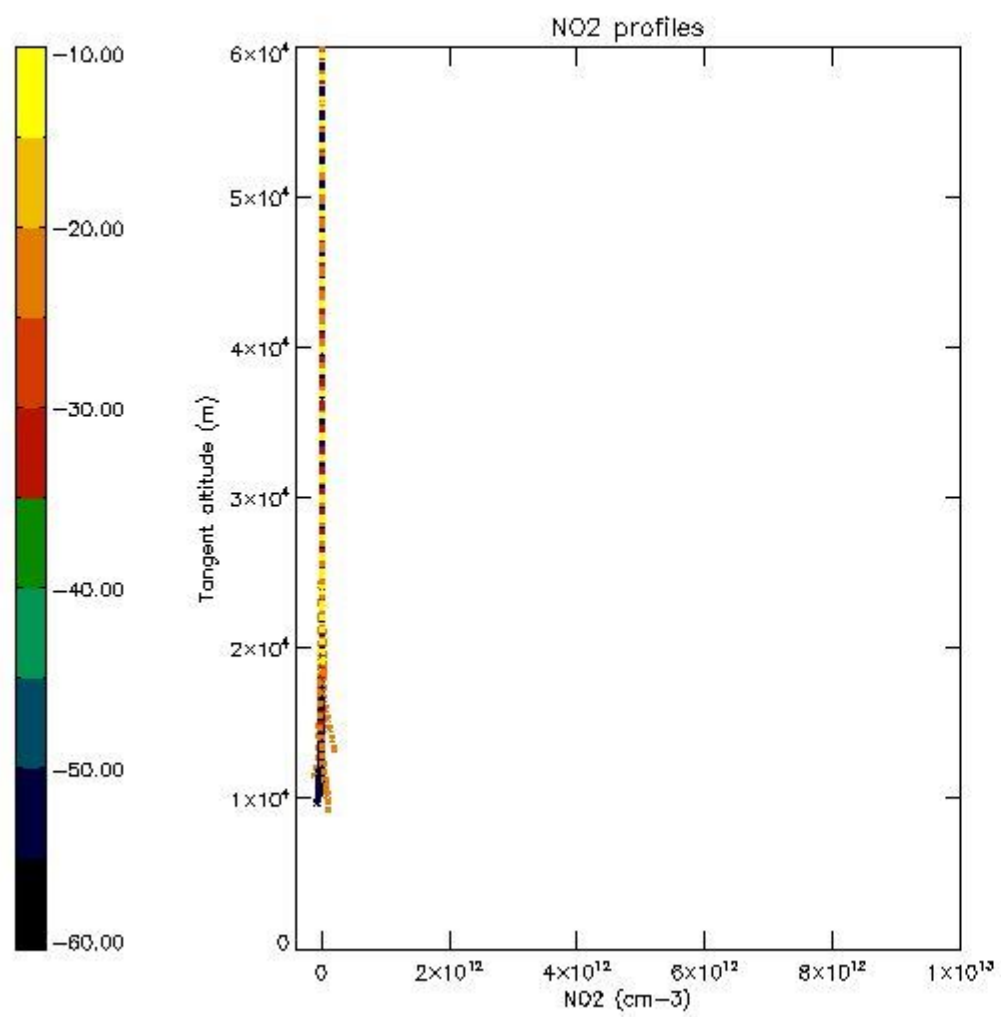
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



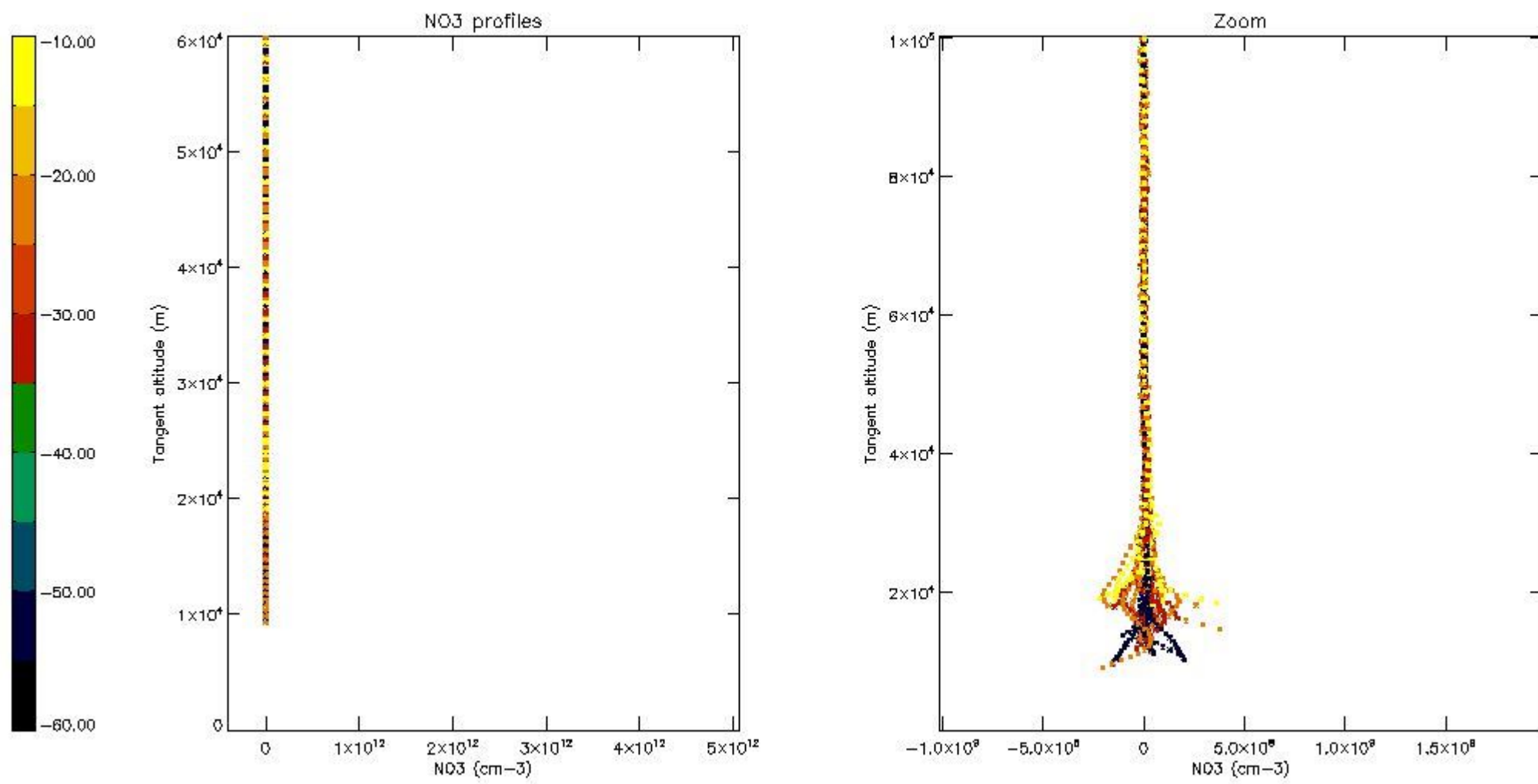
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



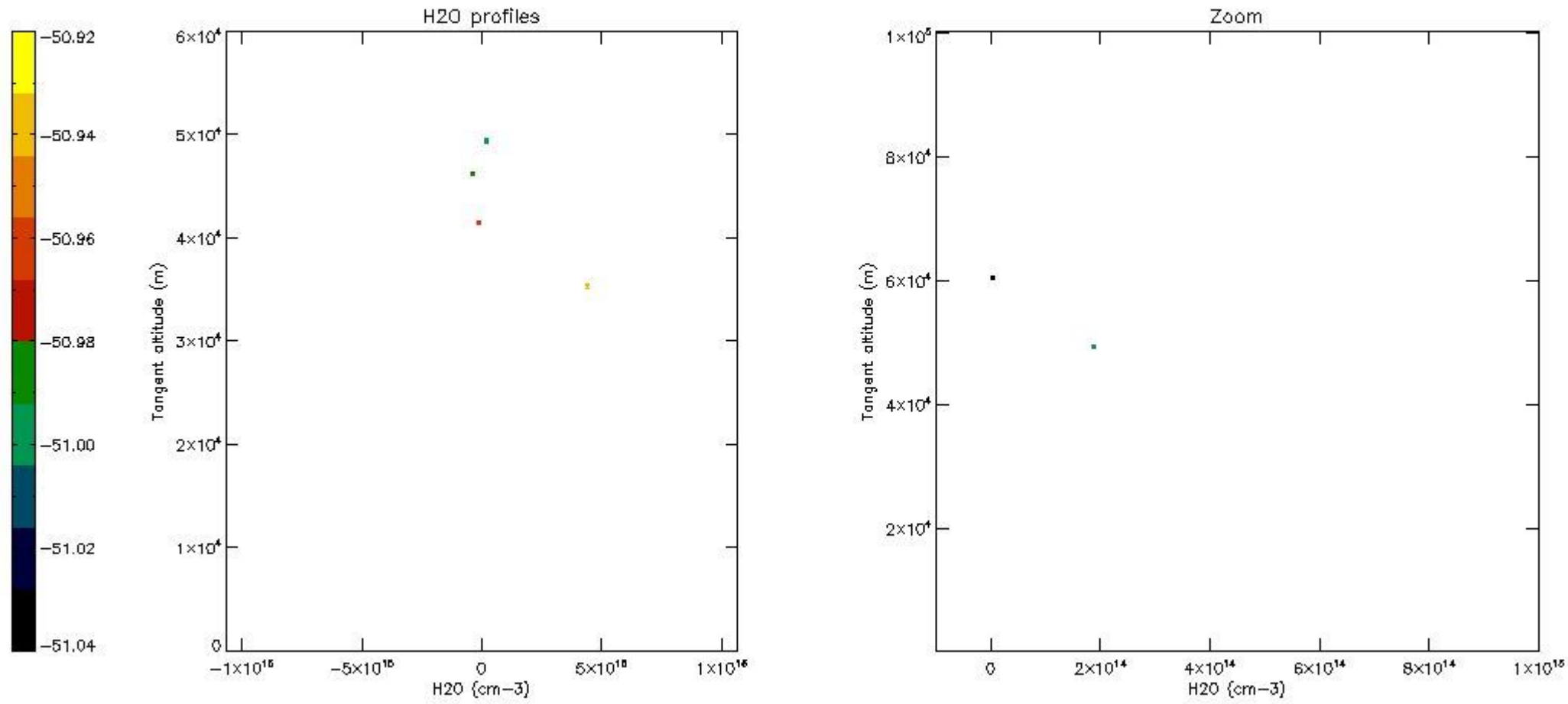
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	29-APR-2007 11:15:44
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-APR-2007 11:15:44
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-APR-2007 11:15:44

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	22APR2013 19:00:59
Data source version	GOMOS/6.01
Start time of products	29-04-2007 (29APR2007 00:00:00)
Stop time of products	30-04-2007 (30APR2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	154
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__2PRFIN20070429_111544_000000912057_00381_26988_4021.N1	29-APR-2007 11:15:44	Straylight	90.500	43	Alp TrA	1.9100	4250.0	181	26988	No
2	GOM_NL__2PRFIN20070429_111754_000000902057_00381_26988_4022.N1	29-APR-2007 11:17:54	Straylight	89.500	134	Bet TrA	2.8100	6600.0	179	26988	No
3	GOM_NL__2PRFIN20070429_112001_000000952057_00381_26988_4023.N1	29-APR-2007 11:20:01	Straylight	95.000	4	Alp1Cen	-0.010000	5800.0	190	26988	No
4	GOM_NL__2PRFIN20070429_112322_000000932057_00381_26988_4024.N1	29-APR-2007 11:23:22	Straylight	93.000	78	Alp Lup	2.3040	28000.	186	26988	No
5	GOM_NL__2PRFIN20070429_112703_000000962057_00381_26988_4025.N1	29-APR-2007 11:27:03	Twilight_stray	96.000	54	5The Cen	2.0550	4500.0	192	26988	No
6	GOM_NL__2PRFIN20070429_113123_000001042057_00381_26988_4026.N1	29-APR-2007 11:31:23	Bright	104.00	169	46Gam Hya	2.9910	4700.0	208	26988	No
7	GOM_NL__2PRFIN20070429_113444_000000912057_00381_26988_4027.N1	29-APR-2007 11:34:44	Bright	90.500	15	67Alp Vir	0.97600	28000.	181	26988	No
8	GOM_NL__2PRFIN20070429_113748_000001022057_00381_26988_4028.N1	29-APR-2007 11:37:48	Bright	102.00	121	29Gam Vir	2.7400	7200.0	204	26988	No
9	GOM_NL__2PRFIN20070429_114109_000000872057_00381_26988_4029.N1	29-APR-2007 11:41:09	Bright	86.500	138	47Eps Vir	2.8280	4700.0	173	26988	No
10	GOM_NL__2PRFIN20070429_115327_000000842057_00381_26988_4030.N1	29-APR-2007 11:53:27	Bright	84.000	87	64Gam UMa	2.4330	11000.	168	26988	No
11	GOM_NL__2PRFIN20070429_115607_000000872057_00381_26988_4031.N1	29-APR-2007 11:56:07	Bright	86.500	36	50Alp UMa	1.8000	6300.0	173	26988	No
12	GOM_NL__2PRFIN20070429_121130_000000842057_00381_26988_4032.N1	29-APR-2007 12:11:30	Bright	84.000	110	37Del Cas	2.6780	8900.0	168	26988	No
13	GOM_NL__2PRFIN20070429_123824_000000962057_00381_26988_4033.N1	29-APR-2007 12:38:24	Dark	95.500	18	24Alp PsA	1.1660	9700.0	191	26988	No
14	GOM_NL__2PRFIN20070429_124408_000000932057_00381_26988_4034.N1	29-APR-2007 12:44:08	Dark	93.000	31	Alp Gru	1.7340	15200.	186	26988	No
15	GOM_NL__2PRFIN20070429_124653_000000872057_00381_26988_4035.N1	29-APR-2007 12:46:53	Dark	86.500	148	Alp Tuc	2.8780	4100.0	173	26988	No
16	GOM_NL__2PRFIN20070429_125620_000000912057_00382_26989_4042.N1	29-APR-2007 12:56:20	Straylight	91.000	43	Alp TrA	1.9100	4250.0	182	26989	No
17	GOM_NL__2PRFIN20070429_125831_000000882057_00382_26989_4043.N1	29-APR-2007 12:58:31	Straylight	88.000	134	Bet TrA	2.8100	6600.0	176	26989	No
18	GOM_NL__2PRFIN20070429_130037_000000932057_00382_26989_4044.N1	29-APR-2007 13:00:37	Straylight	93.000	4	Alp1Cen	-0.010000	5800.0	186	26989	No
19	GOM_NL__2PRFIN20070429_130359_000000932057_00382_26989_4045.N1	29-APR-2007 13:03:59	Straylight	92.500	78	Alp Lup	2.3040	28000.	185	26989	No
20	GOM_NL__2PRFIN20070429_130739_000000952057_00382_26989_4046.N1	29-APR-2007 13:07:39	Twilight_stray	95.000	54	5The Cen	2.0550	4500.0	190	26989	No
21	GOM_NL__2PRFIN20070429_131159_000000882057_00382_26989_4047.N1	29-APR-2007 13:11:59	Bright	88.000	169	46Gam Hya	2.9910	4700.0	176	26989	No
22	GOM_NL__2PRFIN20070429_131520_000000912057_00382_26989_4048.N1	29-APR-2007 13:15:20	Bright	91.000	15	67Alp Vir	0.97600	28000.	182	26989	No
23	GOM_NL__2PRFIN20070429_131824_000000862057_00382_26989_4049.N1	29-APR-2007 13:18:24	Bright	86.000	121	29Gam Vir	2.7400	7200.0	172	26989	No
24	GOM_NL__2PRFIN20070429_132145_000000872057_00382_26989_4050.N1	29-APR-2007 13:21:45	Bright	86.500	138	47Eps Vir	2.8280	4700.0	173	26989	No
25	GOM_NL__2PRFIN20070429_133403_000000852057_00382_26989_4051.N1	29-APR-2007 13:34:03	Bright	84.500	87	64Gam UMa	2.4330	11000.	169	26989	No
26	GOM_NL__2PRFIN20070429_133643_000000862057_00382_26989_4052.N1	29-APR-2007 13:36:43	Bright	85.500	36	50Alp UMa	1.8000	6300.0	171	26989	No
27	GOM_NL__2PRFIN20070429_134415_000000872057_00382_26989_4053.N1	29-APR-2007 13:44:15	Bright	87.000	49	1Alp UMi	1.9900	6300.0	174	26989	No
28	GOM_NL__2PRFIN20070429_135206_000000852057_00382_26989_4054.N1	29-APR-2007 13:52:06	Bright	85.000	110	37Del Cas	2.6780	8900.0	170	26989	No
29	GOM_NL__2PRFIN20070429_141900_000000932057_00382_26989_4055.N1	29-APR-2007 14:19:00	Dark	92.500	18	24Alp PsA	1.1660	9700.0	185	26989	No
30	GOM_NL__2PRFIN20070429_142445_000000922057_00382_26989_4056.N1	29-APR-2007 14:24:45	Dark	92.000	31	Alp Gru	1.7340	15200.	184	26989	No
31	GOM_NL__2PRFIN20070429_142729_000000932057_00382_26989_4057.N1	29-APR-2007 14:27:29	Dark	93.000	148	Alp Tuc	2.8780	4100.0	186	26989	No
32	GOM_NL__2PRFIN20070429_143103_000000402057_00383_26990_4057.N1	29-APR-2007 14:31:03	Dark	40.000	45	Alp Pav	1.9400	26000.	80	26990	No
33	GOM_NL__2PRFIN20070429_143746_000000412057_00383_26990_4058.N1	29-APR-2007 14:37:46	Straylight	41.000	43	Alp TrA	1.9100	4250.0	82	26990	No
34	GOM_NL__2PRFIN20070429_143958_000000382057_00383_26990_4059.N1	29-APR-2007 14:39:58	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	26990	No
35	GOM_NL__2PRFIN20070429_144204_000000462057_00383_26990_4060.N1	29-APR-2007 14:42:04	Straylight	46.000	4	Alp1Cen	-0.010000	5800.0	92	26990	No
36	GOM_NL__2PRFIN20070429_144528_000000392057_00383_26990_4061.N1	29-APR-2007 14:45:28	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	26990	No
37	GOM_NL__2PRFIN20070429_144701_000000402057_00383_26990_4062.N1	29-APR-2007 14:47:01	Straylight	39.500	81	Eta Cen	2.3560	28000.	79	26990	No
38	GOM_NL__2PRFIN20070429_144908_000000432057_00383_26990_4063.N1	29-APR-2007 14:49:08	Twilight_stray	42.500	54	5The Cen	2.0550	4500.0	85	26990	No
39	GOM_NL__2PRFIN20070429_145327_000000412057_00383_26990_4064.N1	29-APR-2007 14:53:27	Bright	41.000	169	46Gam Hya	2.9910	4700.0	82	26990	No
40	GOM_NL__2PRFIN20070429_145647_000000392057_00383_26990_4065.N1	29-APR-2007 14:56:47	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	26990	No
41	GOM_NL__2PRFIN20070429_145951_000000352057_00383_26990_4066.N1	29-APR-2007 14:59:51	Bright	35.000	121	29Gam Vir	2.7400	7200.0	70	26990	No
42	GOM_NL__2PRFIN20070429_150313_000000362057_00383_26990_4067.N1	29-APR-2007 15:03:13	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	26990	No

43	GOM_NL__2PRFIN20070429_151059_000000352057_00383_26990_4068.N1	29-APR-2007 15:10:59	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	26990	No
44	GOM_NL__2PRFIN20070429_151528_000000352057_00383_26990_4069.N1	29-APR-2007 15:15:28	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	26990	No
45	GOM_NL__2PRFIN20070429_151648_000000362057_00383_26990_4070.N1	29-APR-2007 15:16:48	Bright	35.500	82	48Bet UMa	2.3650	10600.	71	26990	No
46	GOM_NL__2PRFIN20070429_151809_000000362057_00383_26990_4071.N1	29-APR-2007 15:18:09	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	26990	No
47	GOM_NL__2PRFIN20070429_152543_000000362057_00383_26990_4072.N1	29-APR-2007 15:25:43	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	26990	No
48	GOM_NL__2PRFIN20070429_153332_000000342057_00383_26990_4073.N1	29-APR-2007 15:33:32	Bright	33.500	110	37Del Cas	2.6780	8900.0	67	26990	No
49	GOM_NL__2PRFIN20070429_153456_000000522057_00383_26990_4074.N1	29-APR-2007 15:34:56	Bright	52.000	68	18Alp Cas	2.2250	4500.0	104	26990	No
50	GOM_NL__2PRFIN20070429_160029_000000472057_00383_26990_4075.N1	29-APR-2007 16:00:29	Dark	46.500	18	24Alp PsA	1.1660	9700.0	93	26990	No
51	GOM_NL__2PRFIN20070429_160613_000000432057_00383_26990_4076.N1	29-APR-2007 16:06:13	Dark	43.000	31	Alp Gru	1.7340	15200.	86	26990	No
52	GOM_NL__2PRFIN20070429_160855_000000422057_00384_26991_4068.N1	29-APR-2007 16:08:55	Dark	42.000	148	Alp Tuc	2.8780	4100.0	84	26991	No
53	GOM_NL__2PRFIN20070429_161139_000000422057_00384_26991_4069.N1	29-APR-2007 16:11:39	Dark	41.500	45	Alp Pav	1.9400	26000.	83	26991	No
54	GOM_NL__2PRFIN20070429_161823_000000392057_00384_26991_4070.N1	29-APR-2007 16:18:23	Straylight	38.500	43	Alp TrA	1.9100	4250.0	77	26991	No
55	GOM_NL__2PRFIN20070429_162034_000000382057_00384_26991_4071.N1	29-APR-2007 16:20:34	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	26991	No
56	GOM_NL__2PRFIN20070429_162240_000000412057_00384_26991_4072.N1	29-APR-2007 16:22:40	Straylight	41.000	4	Alp1Cen	-0.010000	5800.0	82	26991	No
57	GOM_NL__2PRFIN20070429_162604_000000392057_00384_26991_4073.N1	29-APR-2007 16:26:04	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	26991	No
58	GOM_NL__2PRFIN20070429_162737_000000402057_00384_26991_4074.N1	29-APR-2007 16:27:37	Straylight	39.500	81	Eta Cen	2.3560	28000.	79	26991	No
59	GOM_NL__2PRFIN20070429_162944_000000432057_00384_26991_4075.N1	29-APR-2007 16:29:44	Twilight_and_stray	43.000	54	5The Cen	2.0550	4500.0	86	26991	No
60	GOM_NL__2PRFIN20070429_163403_000000402057_00384_26991_4076.N1	29-APR-2007 16:34:03	Bright	39.500	169	46Gam Hya	2.9910	4700.0	79	26991	No
61	GOM_NL__2PRFIN20070429_163724_000000392057_00384_26991_4077.N1	29-APR-2007 16:37:24	Bright	39.000	15	67Alp Vir	0.97600	28000.	78	26991	No
62	GOM_NL__2PRFIN20070429_164027_000000352057_00384_26991_4078.N1	29-APR-2007 16:40:27	Bright	35.000	121	29Gam Vir	2.7400	7200.0	70	26991	No
63	GOM_NL__2PRFIN20070429_164349_000000362057_00384_26991_4079.N1	29-APR-2007 16:43:49	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	26991	No
64	GOM_NL__2PRFIN20070429_165135_000000362057_00384_26991_4080.N1	29-APR-2007 16:51:35	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	26991	No
65	GOM_NL__2PRFIN20070429_165604_000000352057_00384_26991_4081.N1	29-APR-2007 16:56:04	Bright	34.500	87	64Gam UMa	2.4330	11000.	69	26991	No
66	GOM_NL__2PRFIN20070429_165724_000000392057_00384_26991_4082.N1	29-APR-2007 16:57:24	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	26991	No
67	GOM_NL__2PRFIN20070429_165845_000000372057_00384_26991_4083.N1	29-APR-2007 16:58:45	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	26991	No
68	GOM_NL__2PRFIN20070429_170619_000000362057_00384_26991_4084.N1	29-APR-2007 17:06:19	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	26991	No
69	GOM_NL__2PRFIN20070429_171408_000000342057_00384_26991_4085.N1	29-APR-2007 17:14:08	Bright	34.000	110	37Del Cas	2.6780	8900.0	68	26991	No
70	GOM_NL__2PRFIN20070429_171532_000000332057_00384_26991_4086.N1	29-APR-2007 17:15:32	Bright	32.500	68	18Alp Cas	2.2250	4500.0	65	26991	No
71	GOM_NL__2PRFIN20070429_174105_000000432057_00384_26991_4087.N1	29-APR-2007 17:41:05	Dark	42.500	18	24Alp PsA	1.1660	9700.0	85	26991	No
72	GOM_NL__2PRFIN20070429_174650_000000422057_00384_26991_4088.N1	29-APR-2007 17:46:50	Dark	42.000	31	Alp Gru	1.7340	15200.	84	26991	No
73	GOM_NL__2PRFIN20070429_174932_000000412057_00385_26992_4089.N1	29-APR-2007 17:49:32	Dark	41.000	148	Alp Tuc	2.8780	4100.0	82	26992	No
74	GOM_NL__2PRFIN20070429_175216_000000412057_00385_26992_4090.N1	29-APR-2007 17:52:16	Dark	41.000	45	Alp Pav	1.9400	26000.	82	26992	No
75	GOM_NL__2PRFIN20070429_175859_000000432057_00385_26992_4091.N1	29-APR-2007 17:58:59	Straylight	43.000	43	Alp TrA	1.9100	4250.0	86	26992	No
76	GOM_NL__2PRFIN20070429_180110_000000382057_00385_26992_4092.N1	29-APR-2007 18:01:10	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	26992	No
77	GOM_NL__2PRFIN20070429_180316_000000502057_00385_26992_4093.N1	29-APR-2007 18:03:16	Straylight	50.000	4	Alp1Cen	-0.010000	5800.0	100	26992	No
78	GOM_NL__2PRFIN20070429_180640_000000392057_00385_26992_4094.N1	29-APR-2007 18:06:40	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	26992	No
79	GOM_NL__2PRFIN20070429_180813_000000402057_00385_26992_4095.N1	29-APR-2007 18:08:13	Straylight	39.500	81	Eta Cen	2.3560	28000.	79	26992	No
80	GOM_NL__2PRFIN20070429_181020_000000432057_00385_26992_4096.N1	29-APR-2007 18:10:20	Twilight_and_stray	42.500	54	5The Cen	2.0550	4500.0	85	26992	No
81	GOM_NL__2PRFIN20070429_181439_000000522057_00385_26992_4097.N1	29-APR-2007 18:14:39	Bright	52.000	169	46Gam Hya	2.9910	4700.0	104	26992	No
82	GOM_NL__2PRFIN20070429_181800_000000382057_00385_26992_4098.N1	29-APR-2007 18:18:00	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	26992	No
83	GOM_NL__2PRFIN20070429_182103_000000362057_00385_26992_4099.N1	29-APR-2007 18:21:03	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	26992	No
84	GOM_NL__2PRFIN20070429_182425_000000362057_00385_26992_4100.N1	29-APR-2007 18:24:25	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	26992	No
85	GOM_NL__2PRFIN20070429_183211_000000352057_00385_26992_4101.N1	29-APR-2007 18:32:11	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	26992	No
86	GOM_NL__2PRFIN20070429_183640_000000362057_00385_26992_4102.N1	29-APR-2007 18:36:40	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	26992	No
87	GOM_NL__2PRFIN20070429_183801_000000442057_00385_26992_4103.N1	29-APR-2007 18:38:01	Bright	44.000	82	48Bet UMa	2.3650	10600.	88	26992	No
88	GOM_NL__2PRFIN20070429_183921_000000352057_00385_26992_4104.N1	29-APR-2007 18:39:21	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	26992	No
89	GOM_NL__2PRFIN20070429_184655_000000362057_00385_26992_4105.N1	29-APR-2007 18:46:55	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	26992	No
90	GOM_NL__2PRFIN20070429_185444_000000332057_00385_26992_4106.N1	29-APR-2007 18:54:44	Bright	33.000	110	37Del Cas	2.6780	8900.0	66	26992	No
91	GOM_NL__2PRFIN20070429_185608_000000342057_00385_26992_4107.N1	29-APR-2007 18:56:08	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	26992	No
92	GOM_NL__2PRFIN20070429_192142_000000452057_00385_26992_4108.N1	29-APR-2007 19:21:42	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	26992	No
93	GOM_NL__2PRFIN20070429_192726_000000422057_00385_26992_4109.N1	29-APR-2007 19:27:26	Dark	41.500	31	Alp Gru	1.7340	15200.	83	26992	No
94	GOM_NL__2PRFIN20070429_193008_000000392057_00386_26993_4105.N1	29-APR-2007 19:30:08	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	26993	No
95	GOM_NL__2PRFIN20070429_193253_000000412057_00386_26993_4106.N1	29-APR-2007 19:32:53	Dark	41.000	45	Alp Pav	1.9400	26000.	82	26993	No
96	GOM_NL__2PRFIN20070429_193935_000000412057_00386_26993_4107.N1	29-APR-2007 19:39:35	Straylight	41.000	43	Alp TrA	1.9100	4250.0	82	26993	No
97	GOM_NL__2PRFIN20070429_194147_000000382057_00386_26993_4108.N1	29-APR-2007 19:41:47	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	26993	No
98	GOM_NL__2PRFIN20070429_194353_000000492057_00386_26993_4109.N1	29-APR-2007 19:43:53	Straylight	49.000	4	Alp1Cen	-0.010000	5800.0	98	26993	No
99	GOM_NL__2PRFIN20070429_194717_000000392057_00386_26993_4110.N1	29-APR-2007 19:47:17	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	26993	No
100	GOM_NL__2PRFIN20070429_194850_000000422057_00386_26993_4111.N1	29-APR-2007 19:48:50	Straylight	41.500	81	Eta Cen	2.3560	28000.	83	26993	No
101	GOM_NL__2PRFIN20070429_195056_000000462057_00386_26993_4112.N1	29-APR-2007 19:50:56	Twilight_and_stray	45.500	54	5The Cen	2.0550	4500.0	91	26993	No

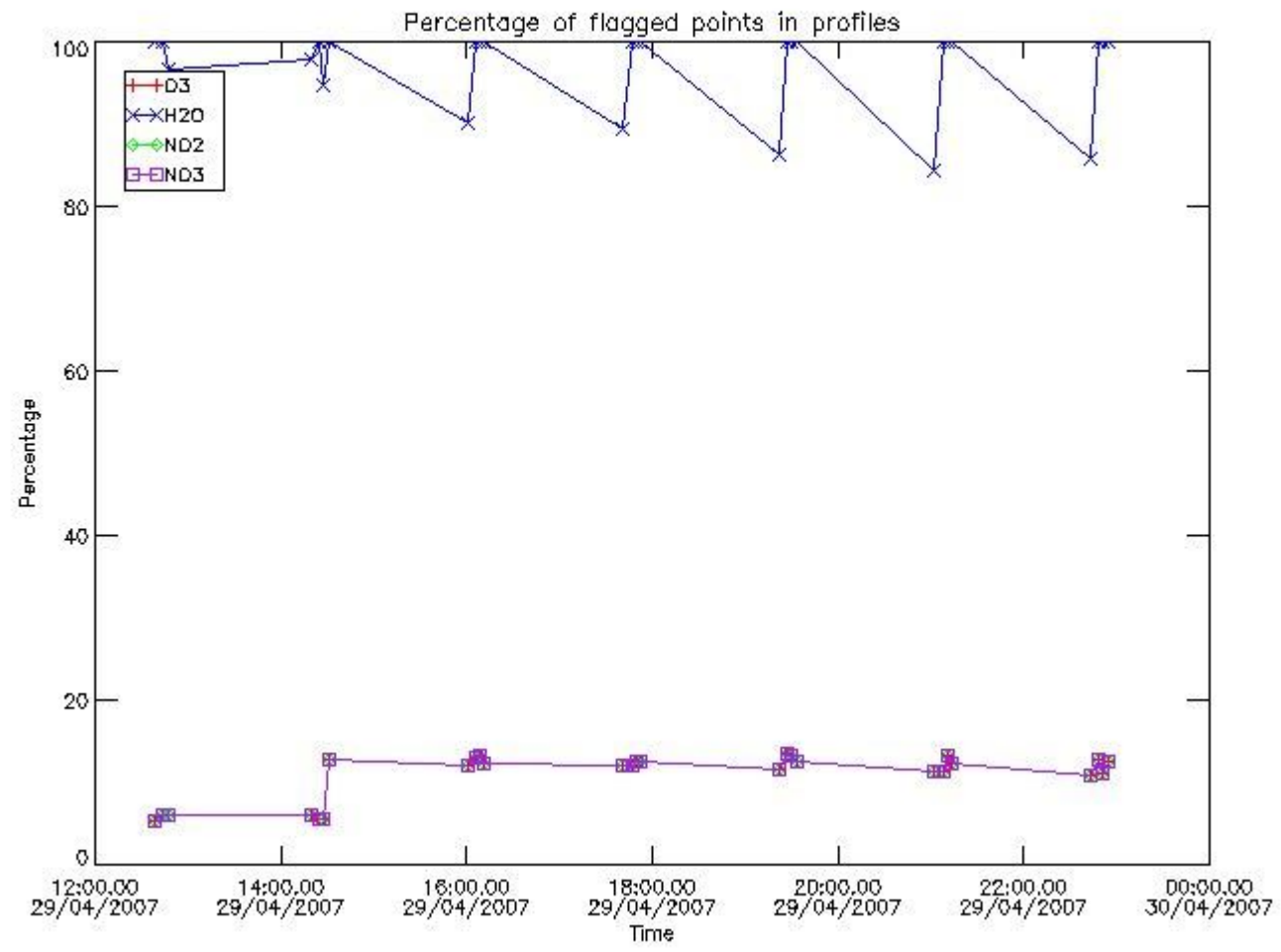
102	GOM_NL__2PRFIN20070429_195515_000000452057_00386_26993_4113.N1	29-APR-2007 19:55:15	Bright	44.500	169	46Gam Hya	2.9910	4700.0	89	26993	No
103	GOM_NL__2PRFIN20070429_195836_000000392057_00386_26993_4114.N1	29-APR-2007 19:58:36	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	26993	No
104	GOM_NL__2PRFIN20070429_200139_000000342057_00386_26993_4115.N1	29-APR-2007 20:01:39	Bright	34.000	121	29Gam Vir	2.7400	7200.0	68	26993	No
105	GOM_NL__2PRFIN20070429_200501_000000362057_00386_26993_4116.N1	29-APR-2007 20:05:01	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	26993	No
106	GOM_NL__2PRFIN20070429_201247_000000352057_00386_26993_4117.N1	29-APR-2007 20:12:47	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	26993	No
107	GOM_NL__2PRFIN20070429_201716_000000372057_00386_26993_4118.N1	29-APR-2007 20:17:16	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	26993	No
108	GOM_NL__2PRFIN20070429_201837_000000362057_00386_26993_4119.N1	29-APR-2007 20:18:37	Bright	35.500	82	48Bet UMa	2.3650	10600.	71	26993	No
109	GOM_NL__2PRFIN20070429_201957_000000362057_00386_26993_4120.N1	29-APR-2007 20:19:57	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	26993	No
110	GOM_NL__2PRFIN20070429_202731_000000362057_00386_26993_4121.N1	29-APR-2007 20:27:31	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	26993	No
111	GOM_NL__2PRFIN20070429_203521_000000362057_00386_26993_4122.N1	29-APR-2007 20:35:21	Bright	36.000	110	37Del Cas	2.6780	8900.0	72	26993	No
112	GOM_NL__2PRFIN20070429_203644_000000392057_00386_26993_4123.N1	29-APR-2007 20:36:44	Bright	39.000	68	18Alp Cas	2.2250	4500.0	78	26993	No
113	GOM_NL__2PRFIN20070429_210218_000000452057_00386_26993_4124.N1	29-APR-2007 21:02:18	Dark	45.000	18	24Alp PsA	1.1660	9700.0	90	26993	No
114	GOM_NL__2PRFIN20070429_210803_000000452057_00386_26993_4125.N1	29-APR-2007 21:08:03	Dark	45.000	31	Alp Gru	1.7340	15200.	90	26993	No
115	GOM_NL__2PRFIN20070429_211044_000000392057_00387_26994_4121.N1	29-APR-2007 21:10:44	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	26994	No
116	GOM_NL__2PRFIN20070429_211329_000000422057_00387_26994_4122.N1	29-APR-2007 21:13:29	Dark	41.500	45	Alp Pav	1.9400	26000.	83	26994	No
117	GOM_NL__2PRFIN20070429_212012_000000452057_00387_26994_4123.N1	29-APR-2007 21:20:12	Straylight	45.000	43	Alp TrA	1.9100	4250.0	90	26994	No
118	GOM_NL__2PRFIN20070429_212223_000000392057_00387_26994_4124.N1	29-APR-2007 21:22:23	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	26994	No
119	GOM_NL__2PRFIN20070429_212429_000000392057_00387_26994_4125.N1	29-APR-2007 21:24:29	Straylight	39.000	4	Alp1Cen	-0.010000	5800.0	78	26994	No
120	GOM_NL__2PRFIN20070429_212753_000000422057_00387_26994_4126.N1	29-APR-2007 21:27:53	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	26994	No
121	GOM_NL__2PRFIN20070429_212926_000000422057_00387_26994_4127.N1	29-APR-2007 21:29:26	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	26994	No
122	GOM_NL__2PRFIN20070429_213133_000000442057_00387_26994_4128.N1	29-APR-2007 21:31:33	Tw_i_and_stray	43.500	54	5The Cen	2.0550	4500.0	87	26994	No
123	GOM_NL__2PRFIN20070429_213551_000000422057_00387_26994_4129.N1	29-APR-2007 21:35:51	Bright	41.500	169	46Gam Hya	2.9910	4700.0	83	26994	No
124	GOM_NL__2PRFIN20070429_213912_000000382057_00387_26994_4130.N1	29-APR-2007 21:39:12	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	26994	No
125	GOM_NL__2PRFIN20070429_214216_000000352057_00387_26994_4131.N1	29-APR-2007 21:42:16	Bright	35.000	121	29Gam Vir	2.7400	7200.0	70	26994	No
126	GOM_NL__2PRFIN20070429_214537_000000352057_00387_26994_4132.N1	29-APR-2007 21:45:37	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	26994	No
127	GOM_NL__2PRFIN20070429_215322_000000382057_00387_26994_4133.N1	29-APR-2007 21:53:22	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	26994	No
128	GOM_NL__2PRFIN20070429_215752_000000352057_00387_26994_4134.N1	29-APR-2007 21:57:52	Bright	34.500	87	64Gam UMa	2.4330	11000.	69	26994	No
129	GOM_NL__2PRFIN20070429_215913_000000522057_00387_26994_4135.N1	29-APR-2007 21:59:13	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	26994	No
130	GOM_NL__2PRFIN20070429_220033_000000362057_00387_26994_4136.N1	29-APR-2007 22:00:33	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	26994	No
131	GOM_NL__2PRFIN20070429_220807_000000362057_00387_26994_4137.N1	29-APR-2007 22:08:07	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	26994	No
132	GOM_NL__2PRFIN20070429_221557_000000332057_00387_26994_4138.N1	29-APR-2007 22:15:57	Bright	33.000	110	37Del Cas	2.6780	8900.0	66	26994	No
133	GOM_NL__2PRFIN20070429_221720_000000342057_00387_26994_4139.N1	29-APR-2007 22:17:20	Bright	33.500	68	18Alp Cas	2.2250	4500.0	67	26994	No
134	GOM_NL__2PRFIN20070429_224254_000000472057_00387_26994_4140.N1	29-APR-2007 22:42:54	Dark	46.500	18	24Alp PsA	1.1660	9700.0	93	26994	No
135	GOM_NL__2PRFIN20070429_224839_000000402057_00387_26994_4141.N1	29-APR-2007 22:48:39	Dark	40.000	31	Alp Gru	1.7340	15200.	80	26994	No
136	GOM_NL__2PRFIN20070429_225120_000000462057_00388_26995_4137.N1	29-APR-2007 22:51:20	Dark	46.000	148	Alp Tuc	2.8780	4100.0	92	26995	No
137	GOM_NL__2PRFIN20070429_225406_000000412057_00388_26995_4138.N1	29-APR-2007 22:54:06	Dark	41.000	45	Alp Pav	1.9400	26000.	82	26995	No
138	GOM_NL__2PRFIN20070429_230048_000000412057_00388_26995_4139.N1	29-APR-2007 23:00:48	Straylight	40.500	43	Alp TrA	1.9100	4250.0	81	26995	No
139	GOM_NL__2PRFIN20070429_230259_000000382057_00388_26995_4140.N1	29-APR-2007 23:02:59	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	26995	No
140	GOM_NL__2PRFIN20070429_230505_000000502057_00388_26995_4141.N1	29-APR-2007 23:05:05	Straylight	50.000	4	Alp1Cen	-0.010000	5800.0	100	26995	No
141	GOM_NL__2PRFIN20070429_230829_000000412057_00388_26995_4142.N1	29-APR-2007 23:08:29	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	26995	No
142	GOM_NL__2PRFIN20070429_231002_000000422057_00388_26995_4143.N1	29-APR-2007 23:10:02	Straylight	41.500	81	Eta Cen	2.3560	28000.	83	26995	No
143	GOM_NL__2PRFIN20070429_231209_000000412057_00388_26995_4144.N1	29-APR-2007 23:12:09	Tw_i_and_stray	40.500	54	5The Cen	2.0550	4500.0	81	26995	No
144	GOM_NL__2PRFIN20070429_231627_000000522057_00388_26995_4145.N1	29-APR-2007 23:16:27	Bright	52.000	169	46Gam Hya	2.9910	4700.0	104	26995	No
145	GOM_NL__2PRFIN20070429_231948_000000382057_00388_26995_4146.N1	29-APR-2007 23:19:48	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	26995	No
146	GOM_NL__2PRFIN20070429_232251_000000362057_00388_26995_4147.N1	29-APR-2007 23:22:51	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	26995	No
147	GOM_NL__2PRFIN20070429_232612_000000352057_00388_26995_4148.N1	29-APR-2007 23:26:12	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	26995	No
148	GOM_NL__2PRFIN20070429_233358_000000352057_00388_26995_4149.N1	29-APR-2007 23:33:58	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	26995	No
149	GOM_NL__2PRFIN20070429_233828_000000332057_00388_26995_4150.N1	29-APR-2007 23:38:28	Bright	32.500	87	64Gam UMa	2.4330	11000.	65	26995	No
150	GOM_NL__2PRFIN20070429_233949_000000352057_00388_26995_4151.N1	29-APR-2007 23:39:49	Bright	34.500	82	48Bet UMa	2.3650	10600.	69	26995	No
151	GOM_NL__2PRFIN20070429_234109_000000372057_00388_26995_4152.N1	29-APR-2007 23:41:09	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	26995	No
152	GOM_NL__2PRFIN20070429_234843_000000332057_00388_26995_4153.N1	29-APR-2007 23:48:43	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	26995	No
153	GOM_NL__2PRFIN20070429_235632_000000522057_00388_26995_4154.N1	29-APR-2007 23:56:32	Bright	52.000	110	37Del Cas	2.6780	8900.0	104	26995	No
154	GOM_NL__2PRFIN20070429_235756_000000522057_00388_26995_4155.N1	29-APR-2007 23:57:56	Bright	51.500	68	18Alp Cas	2.2250	4500.0	103	26995	No

3. Quality information per product

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

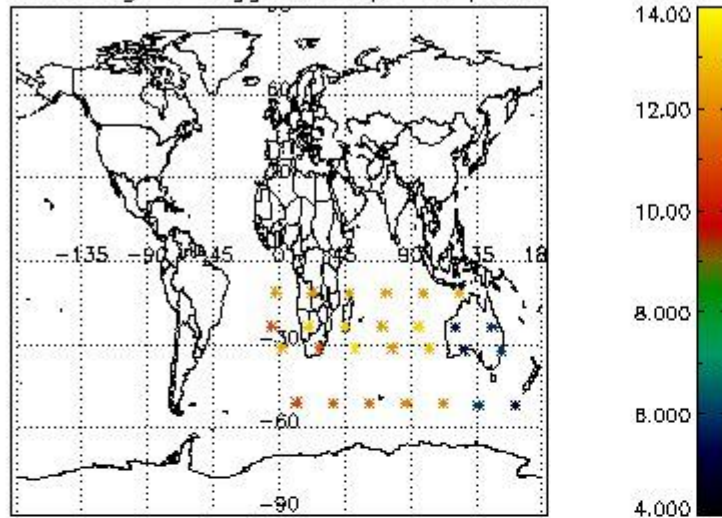
the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

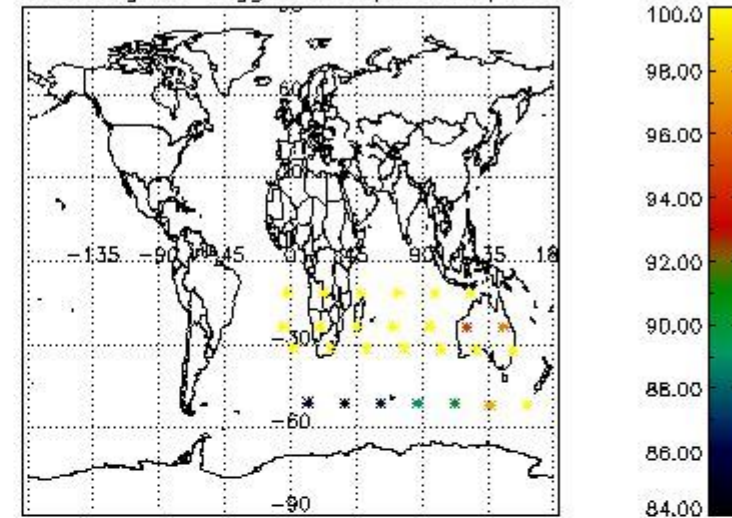


3.2 Plot quality information per product (world map)

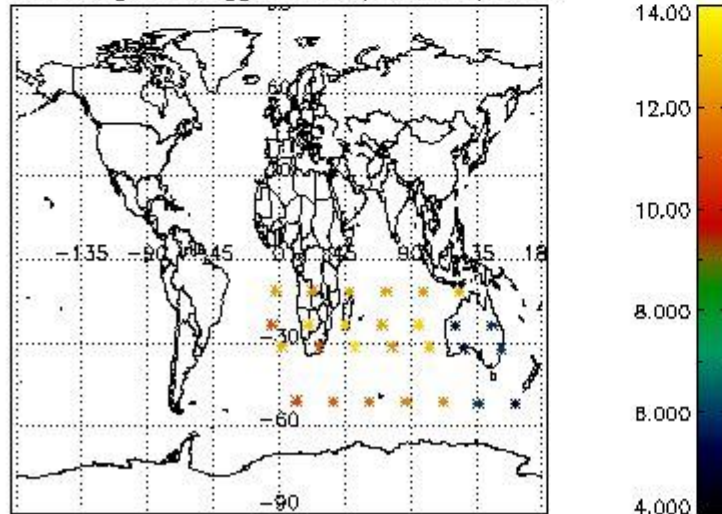
Percentage of flagged data per O3 profile



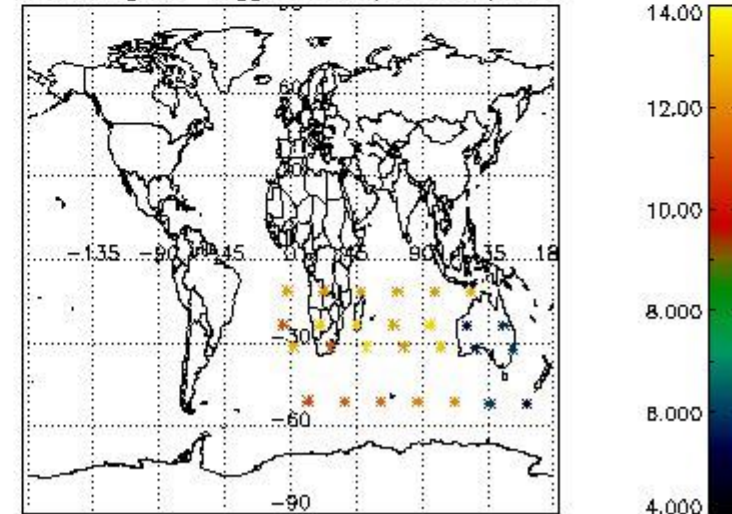
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

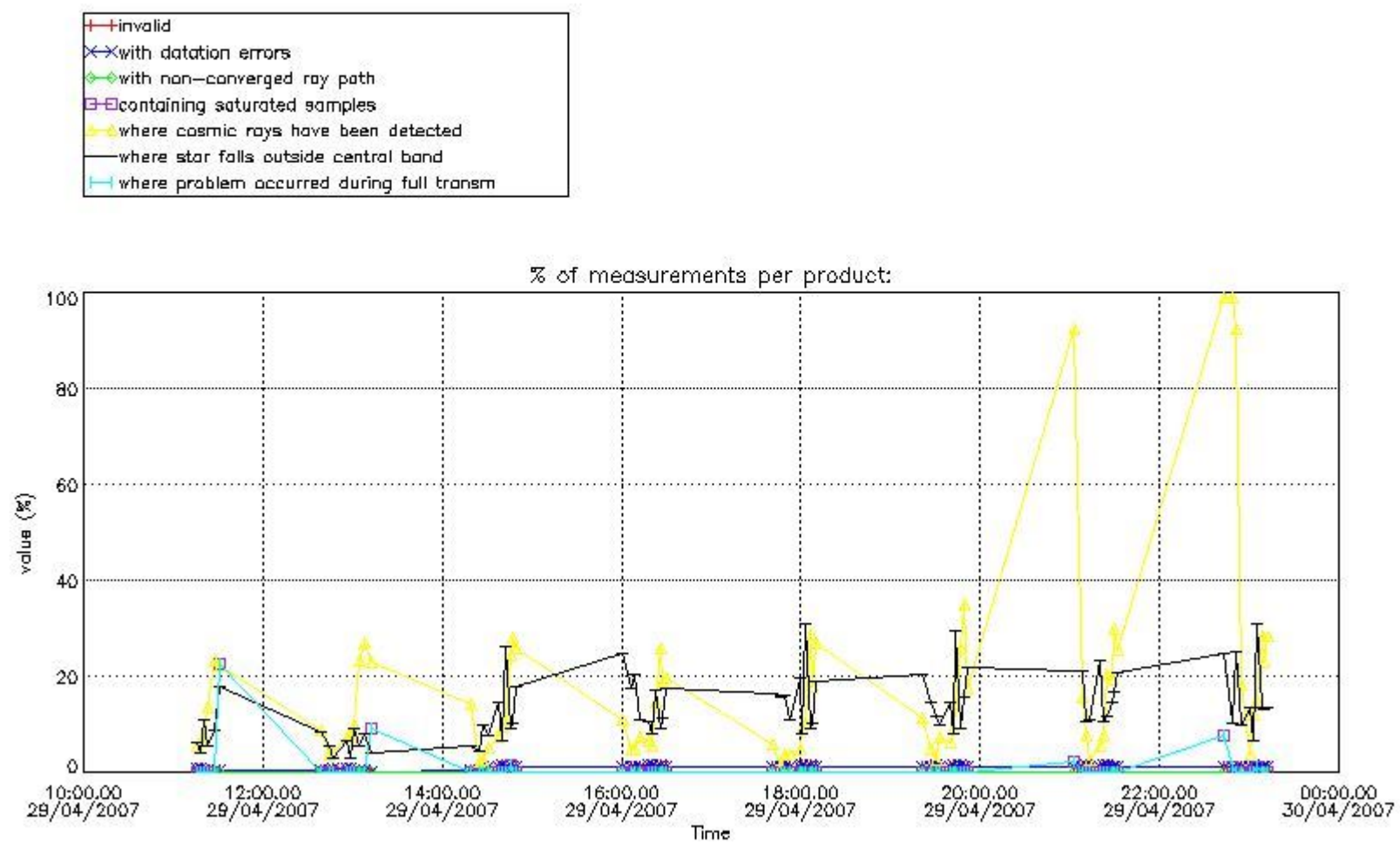


4. Level 1 quality information per product

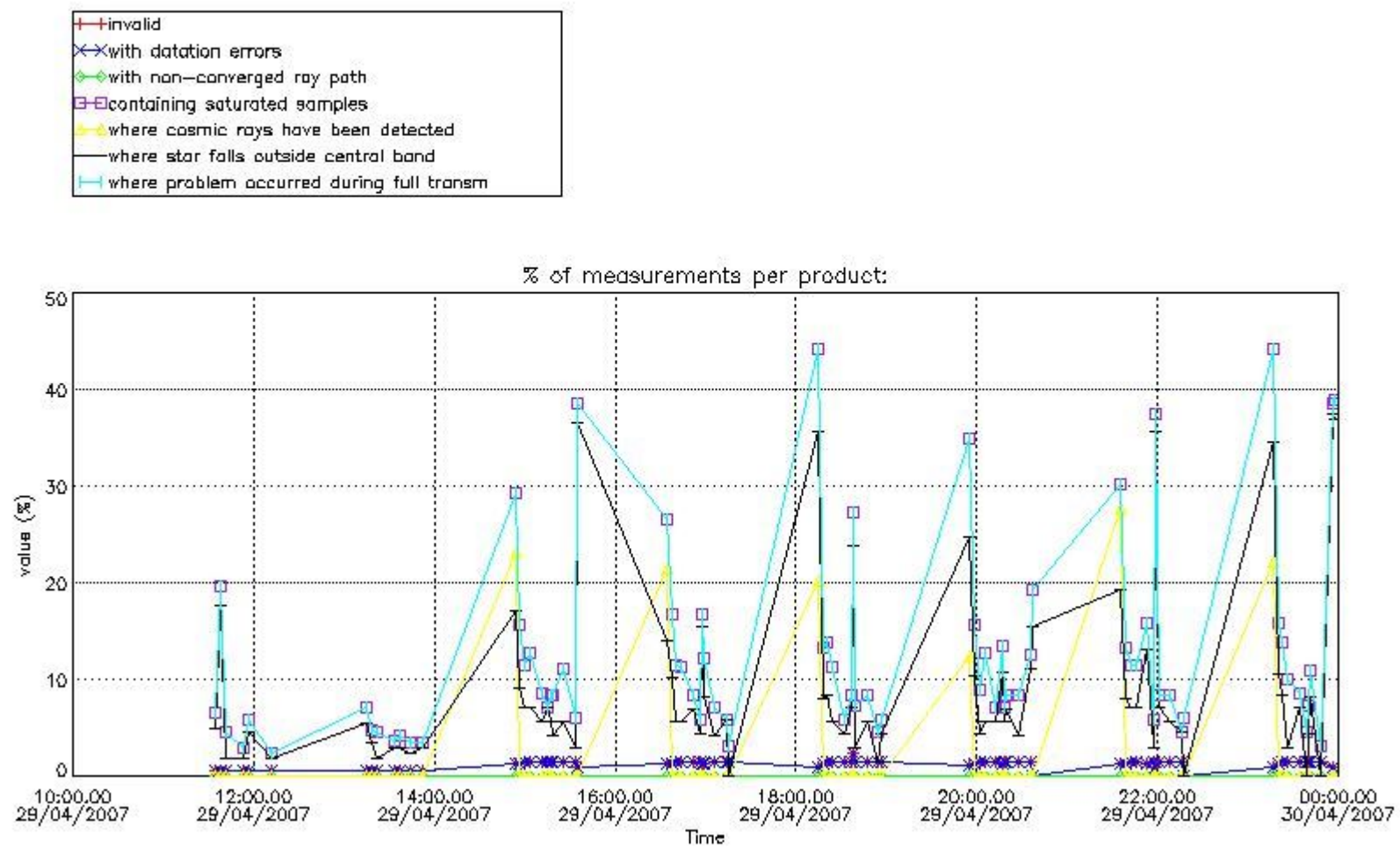
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



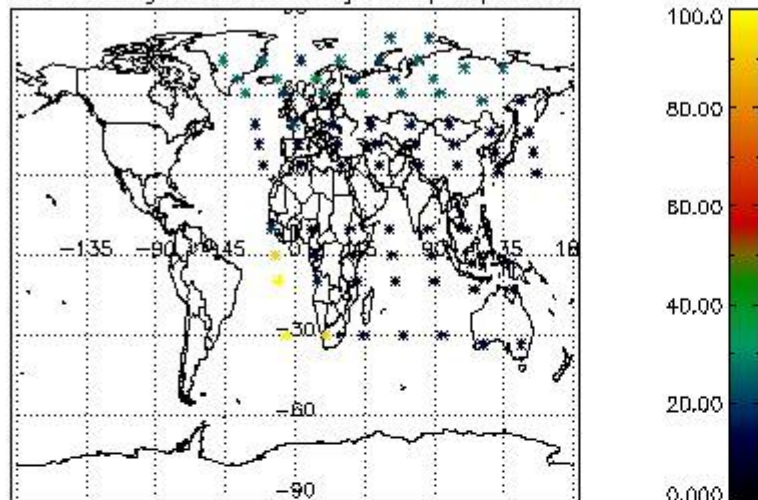
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



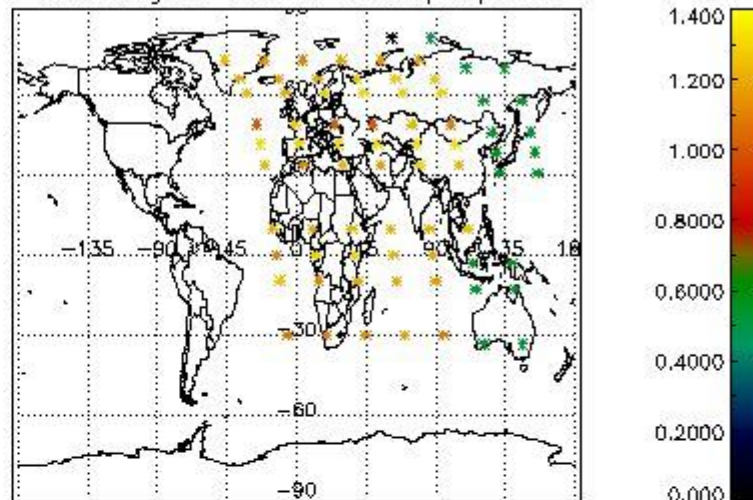
4.2 Plot quality information per product coming from level 1b processing (world map)

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

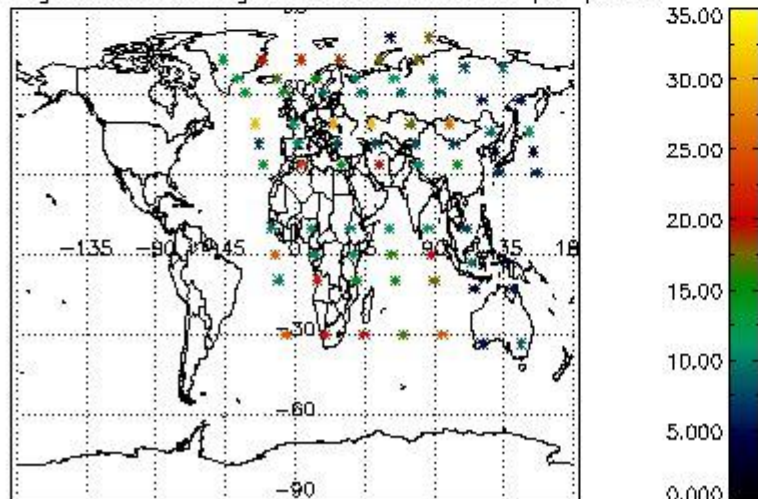
Percentage of cosmic ray hits per profile



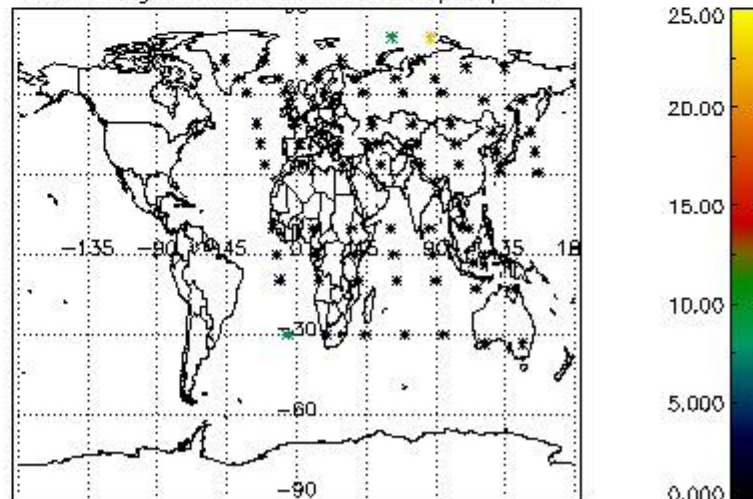
Percentage of datation errors per profile



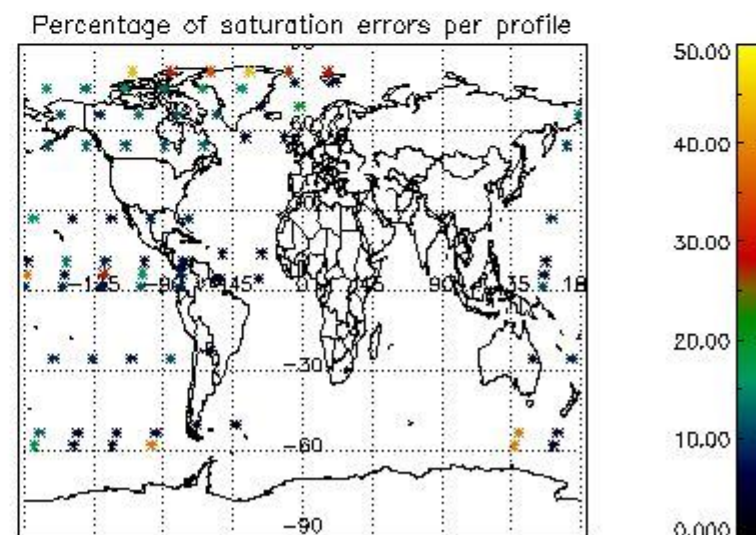
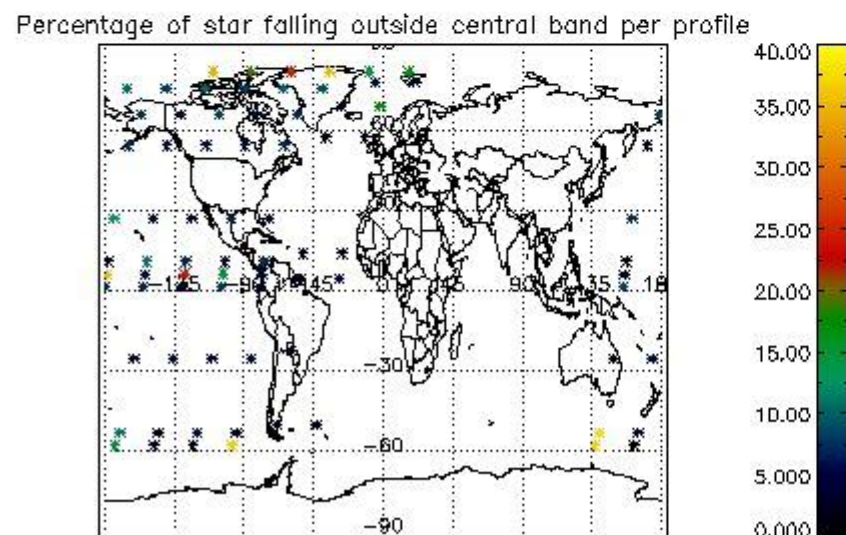
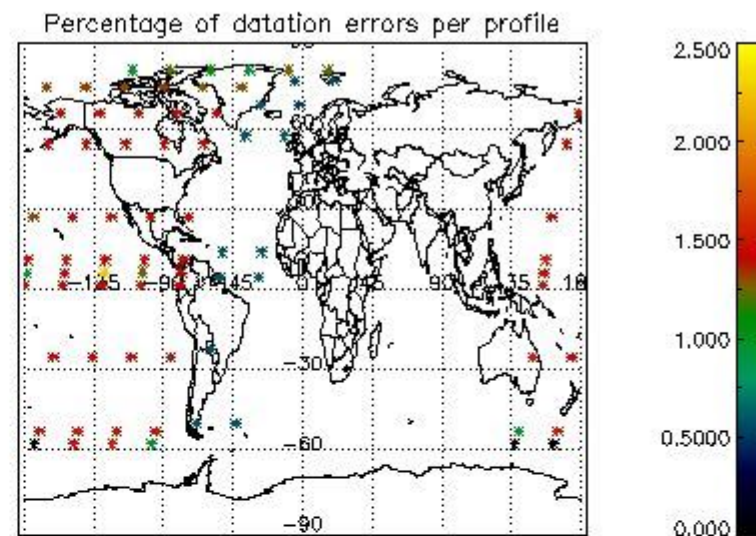
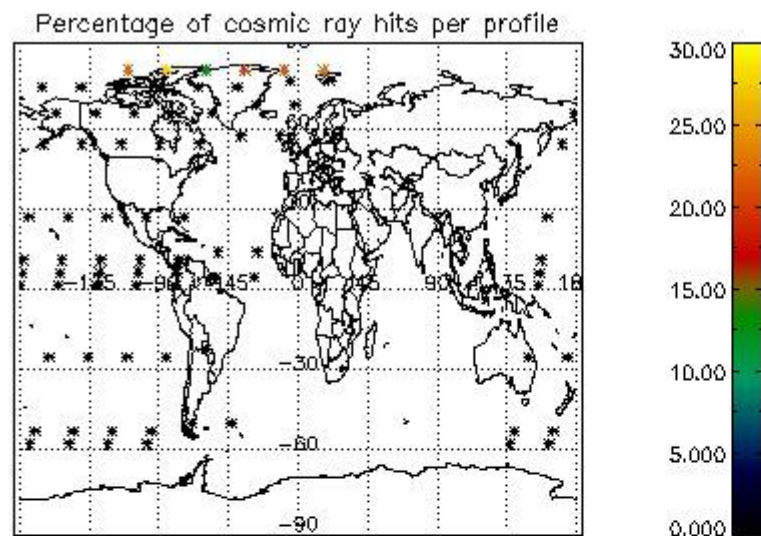
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

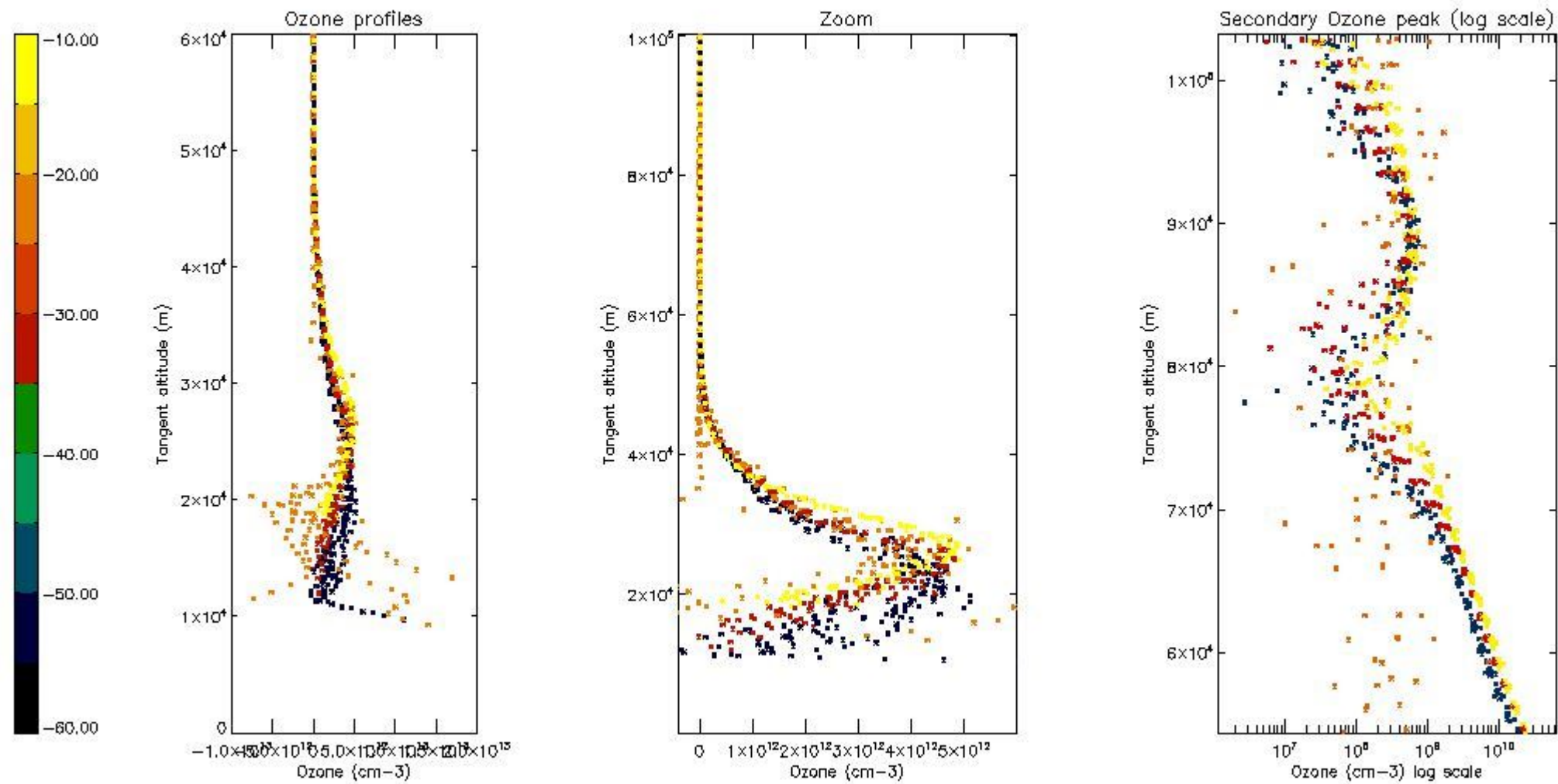
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	19
STD < 20	9

STD < 10	7
STD < 5	5

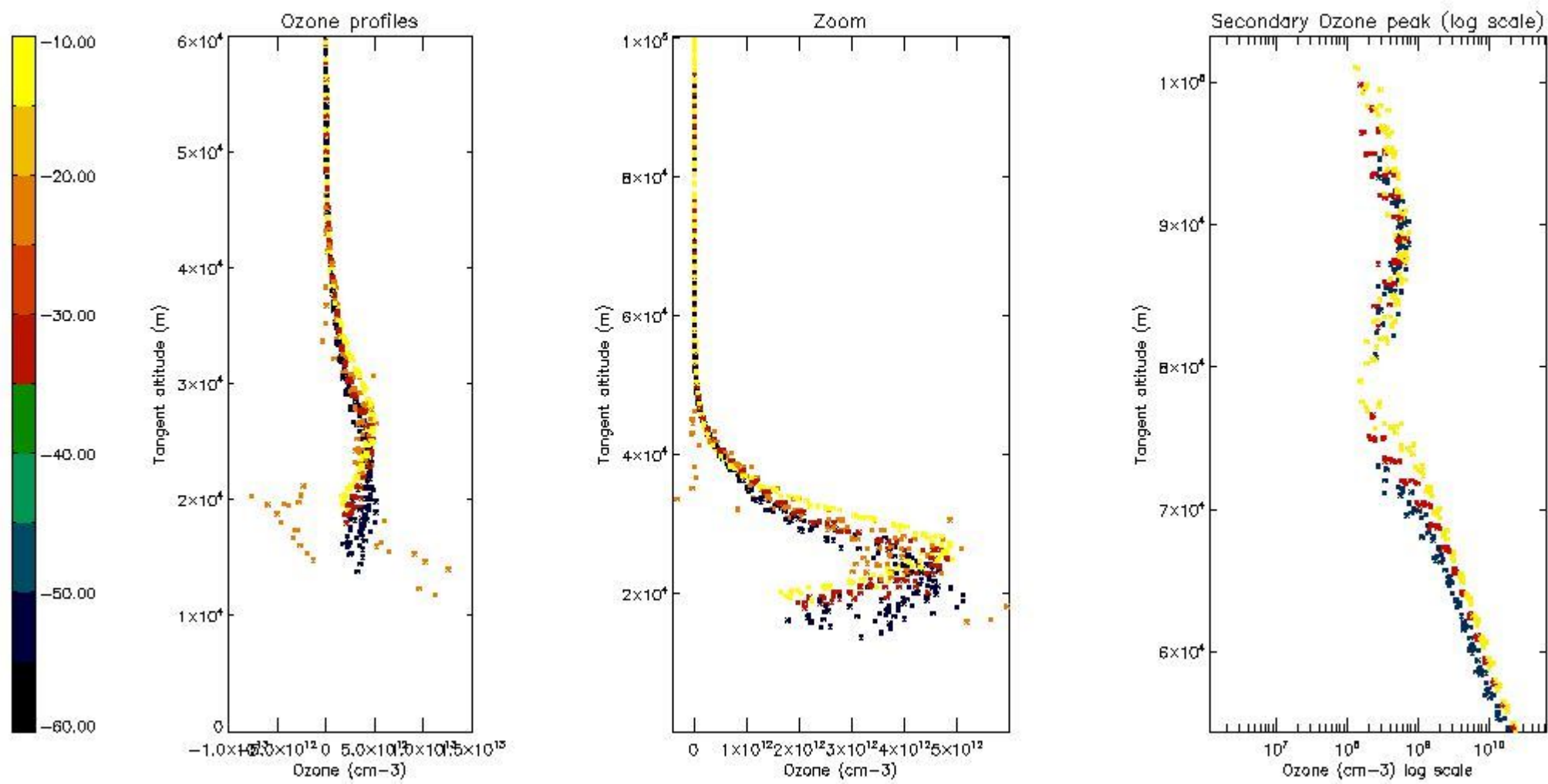
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



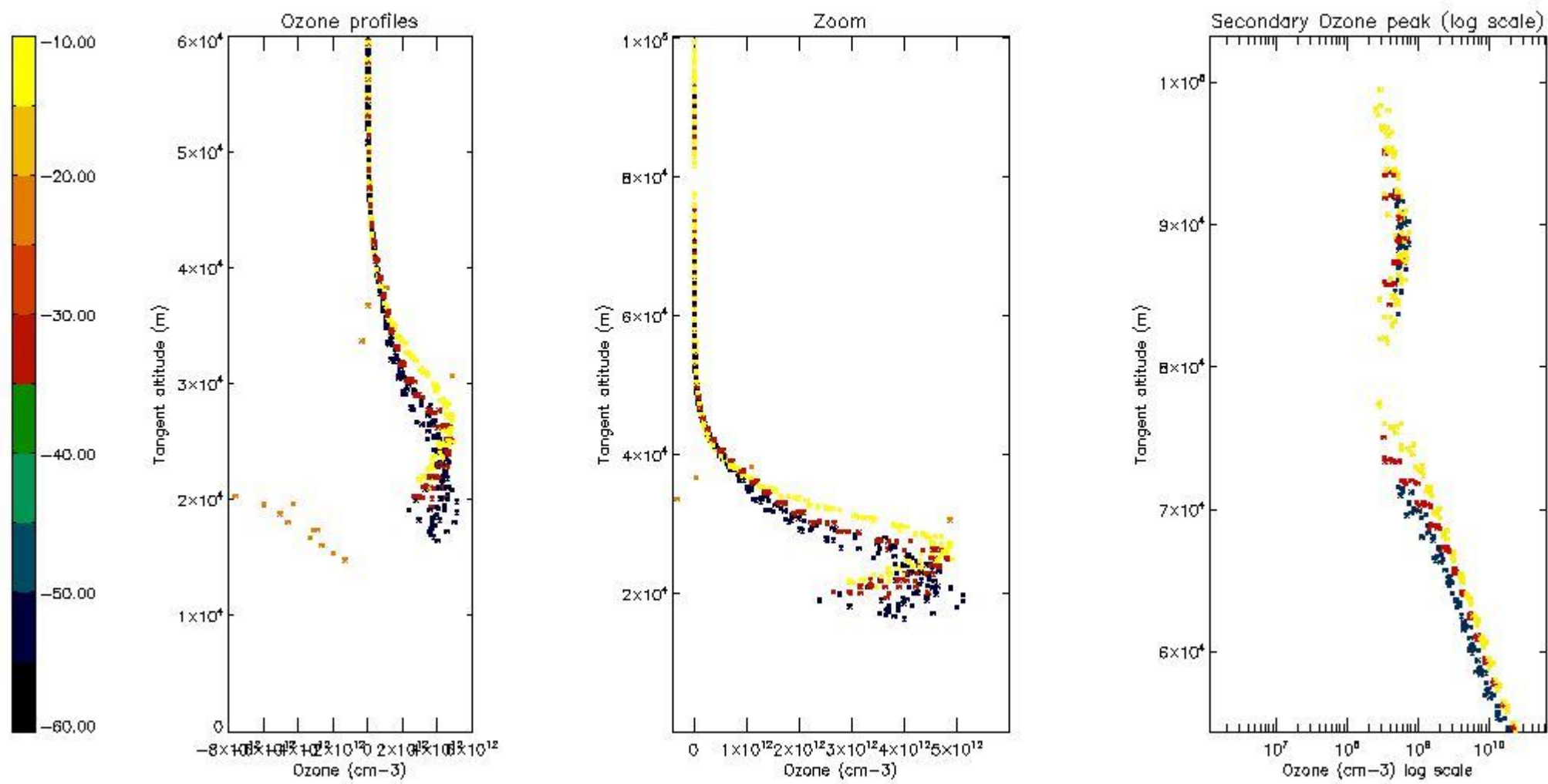
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



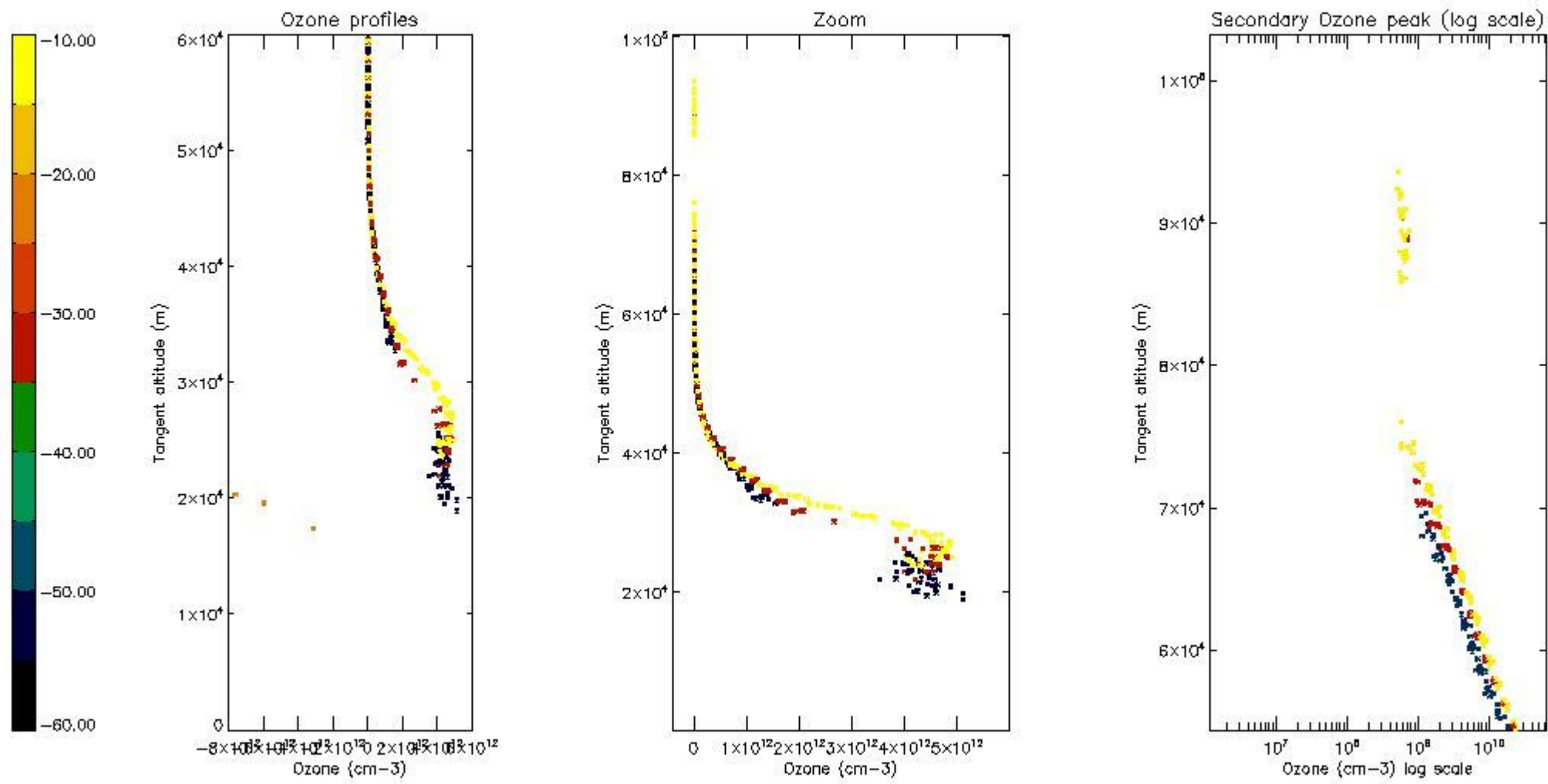
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



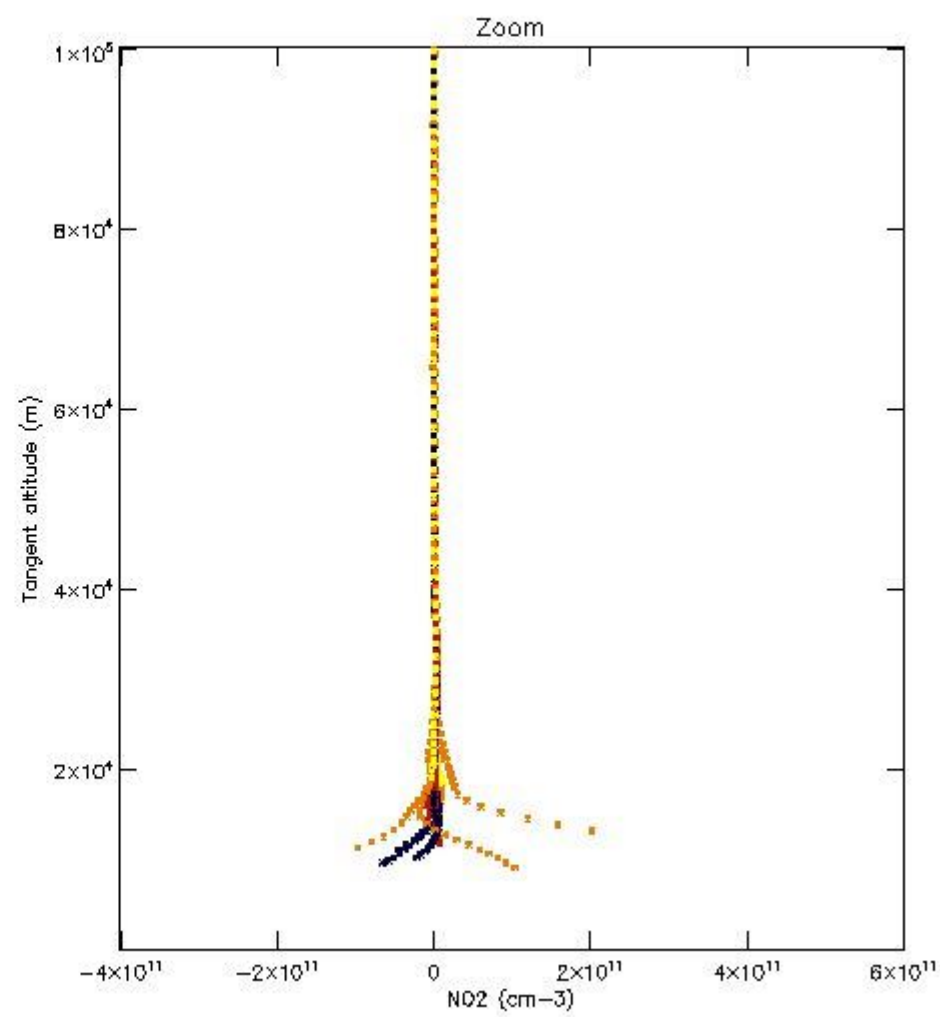
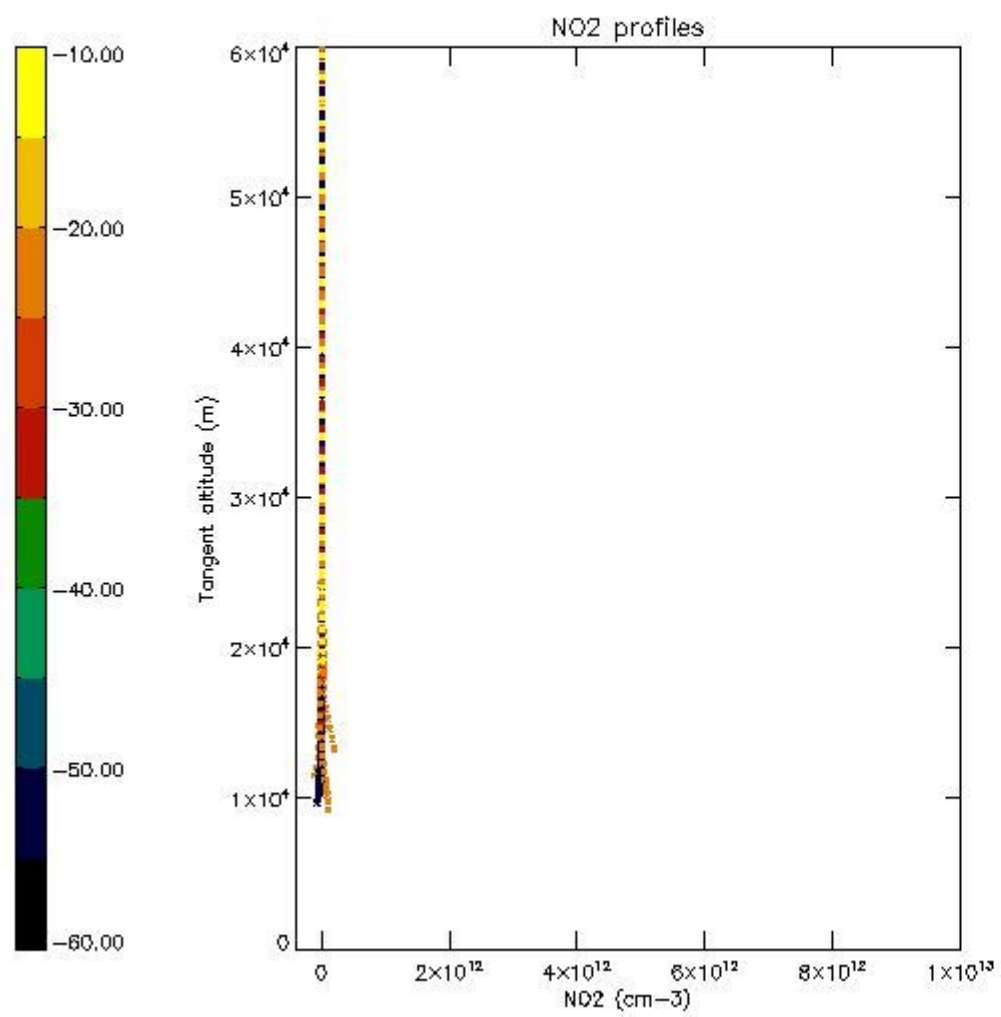
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



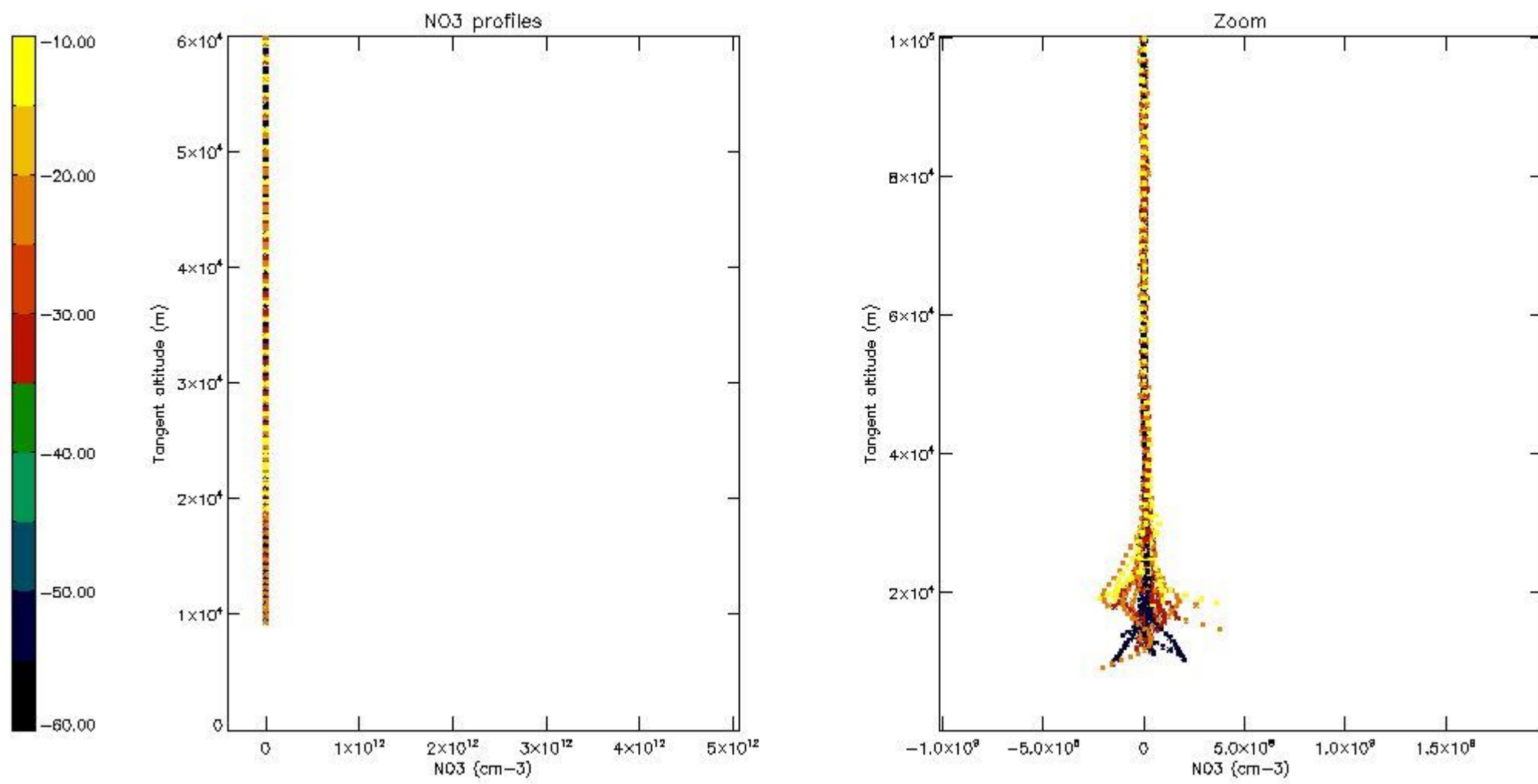
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



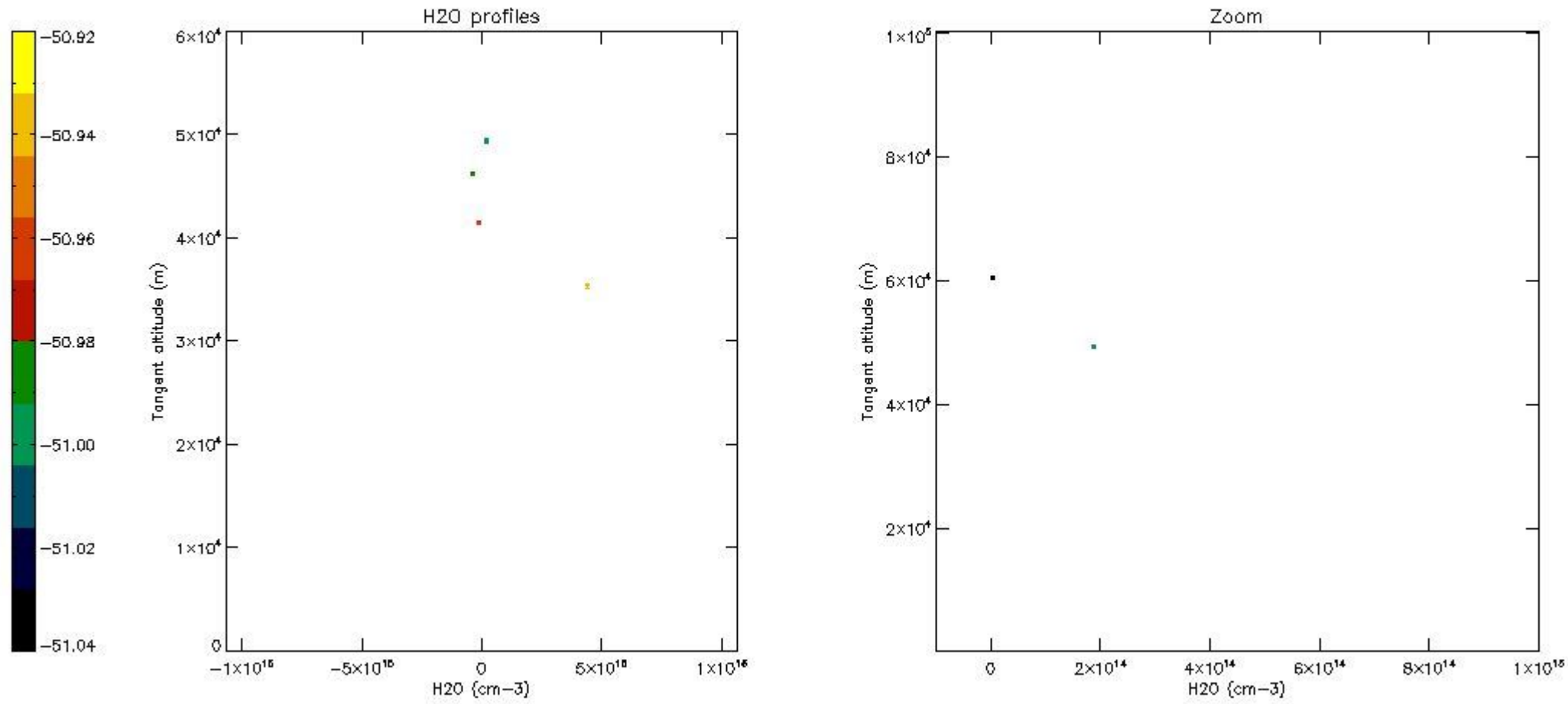
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

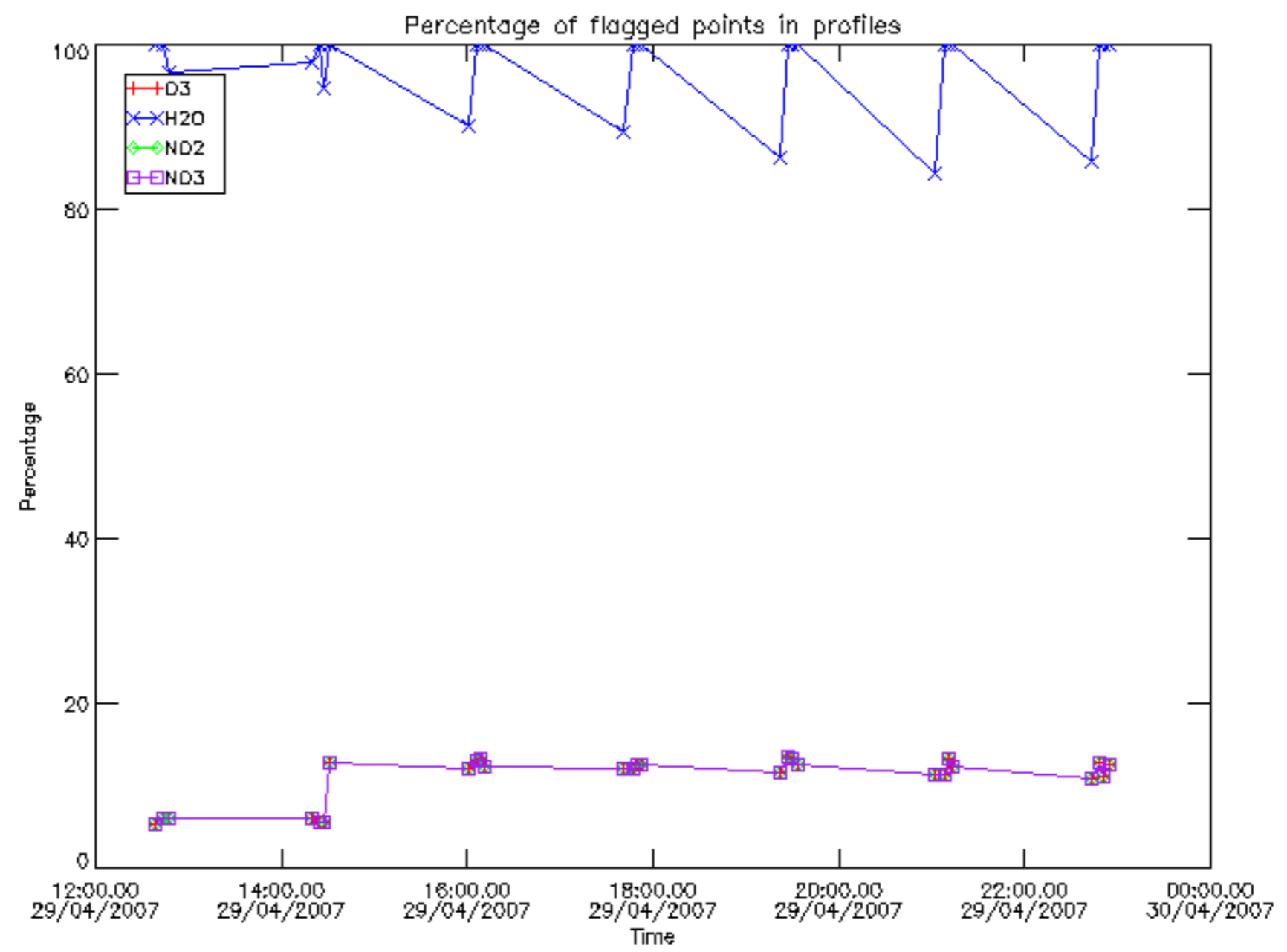
The colorbar represents the latitude.



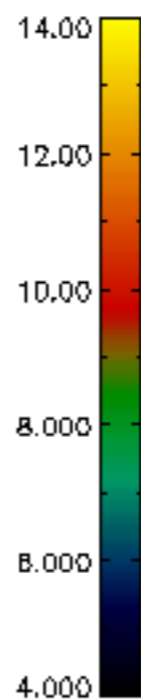
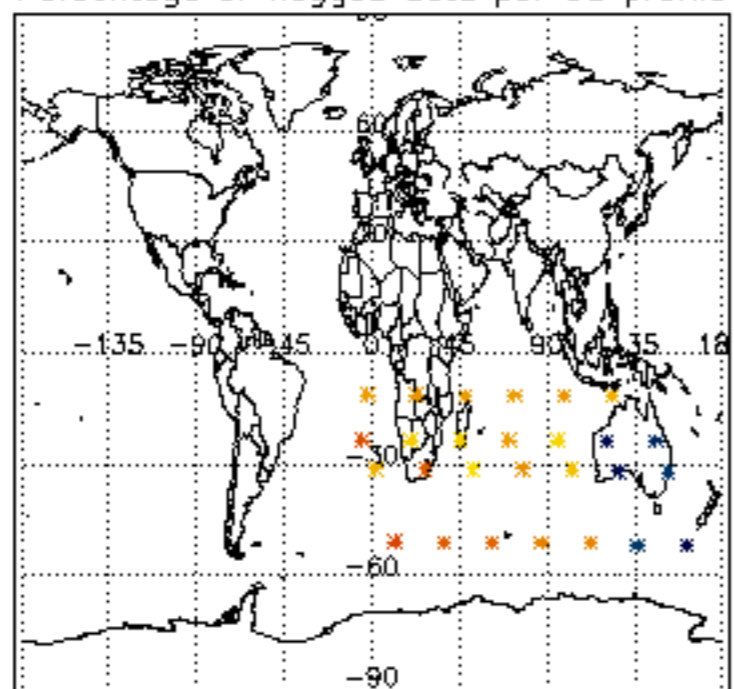
6. Auxiliary Data Files used for the production reported in section 2

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

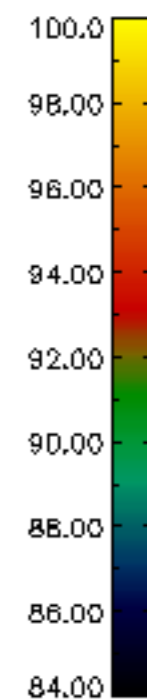
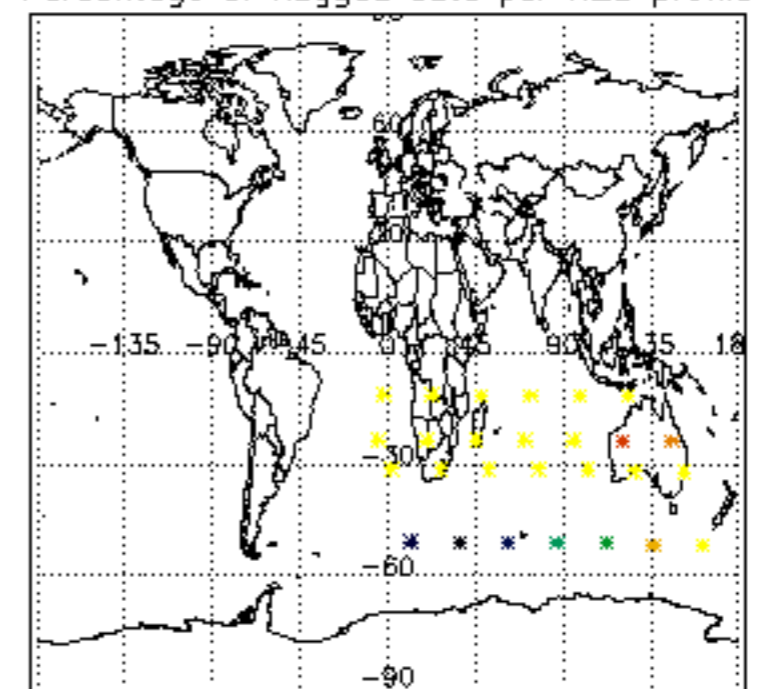
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	29-APR-2007 11:15:44
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-APR-2007 11:15:44
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-APR-2007 11:15:44



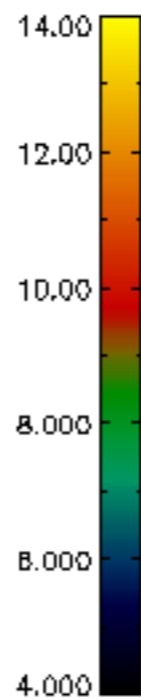
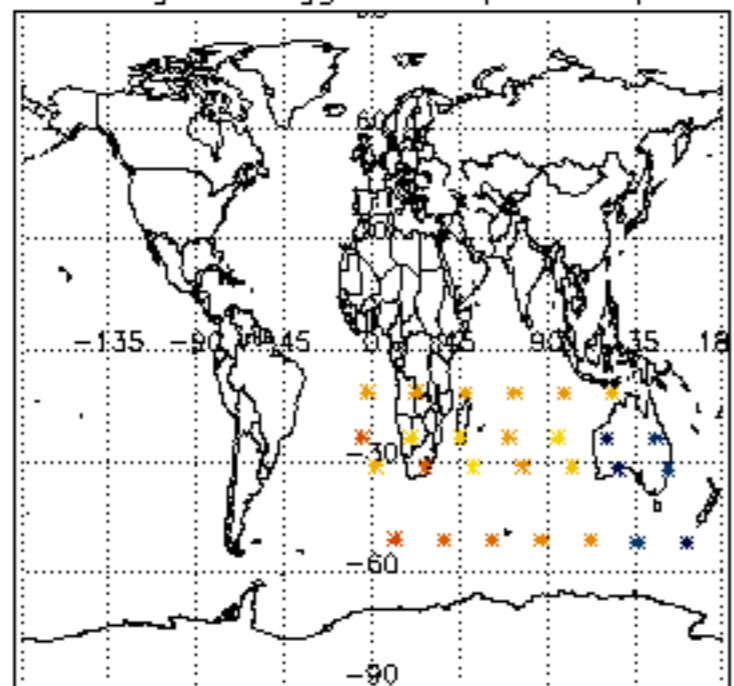
Percentage of flagged data per D3 profile



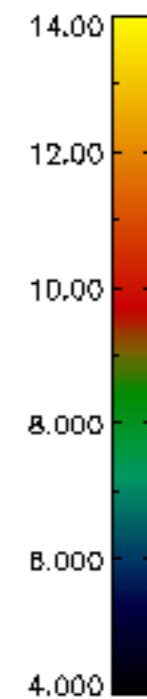
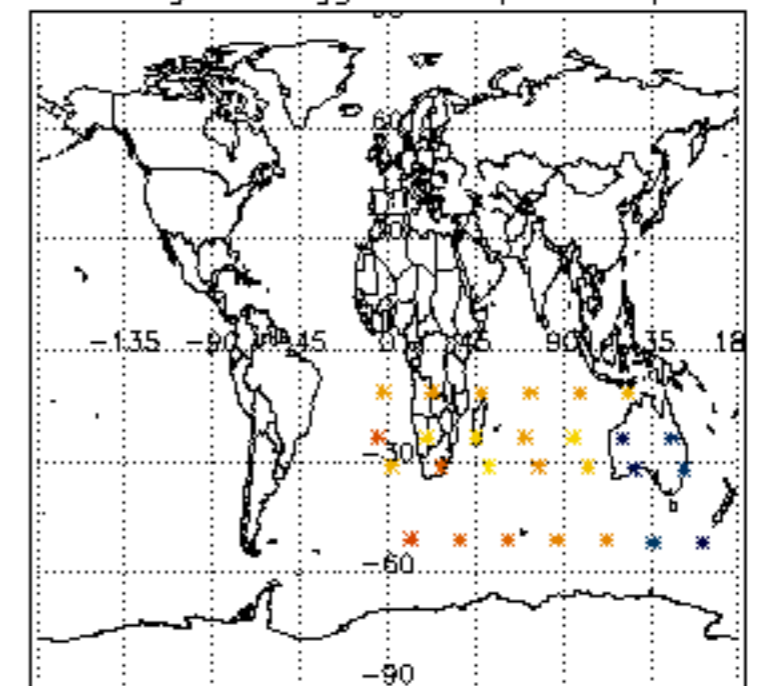
Percentage of flagged data per H2O profile

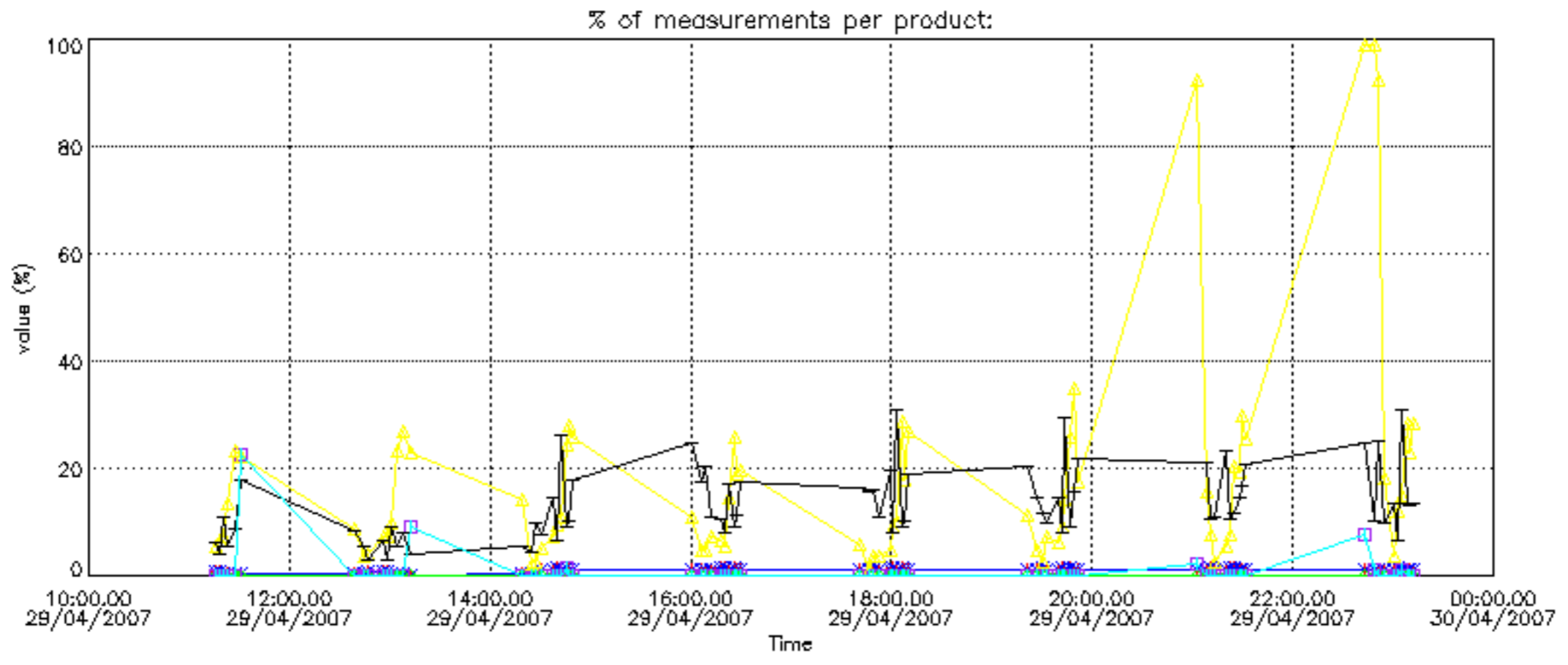
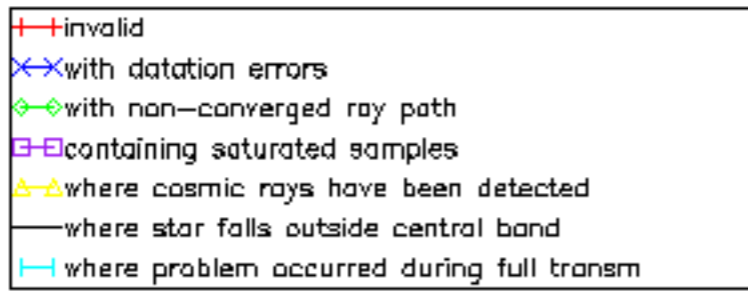


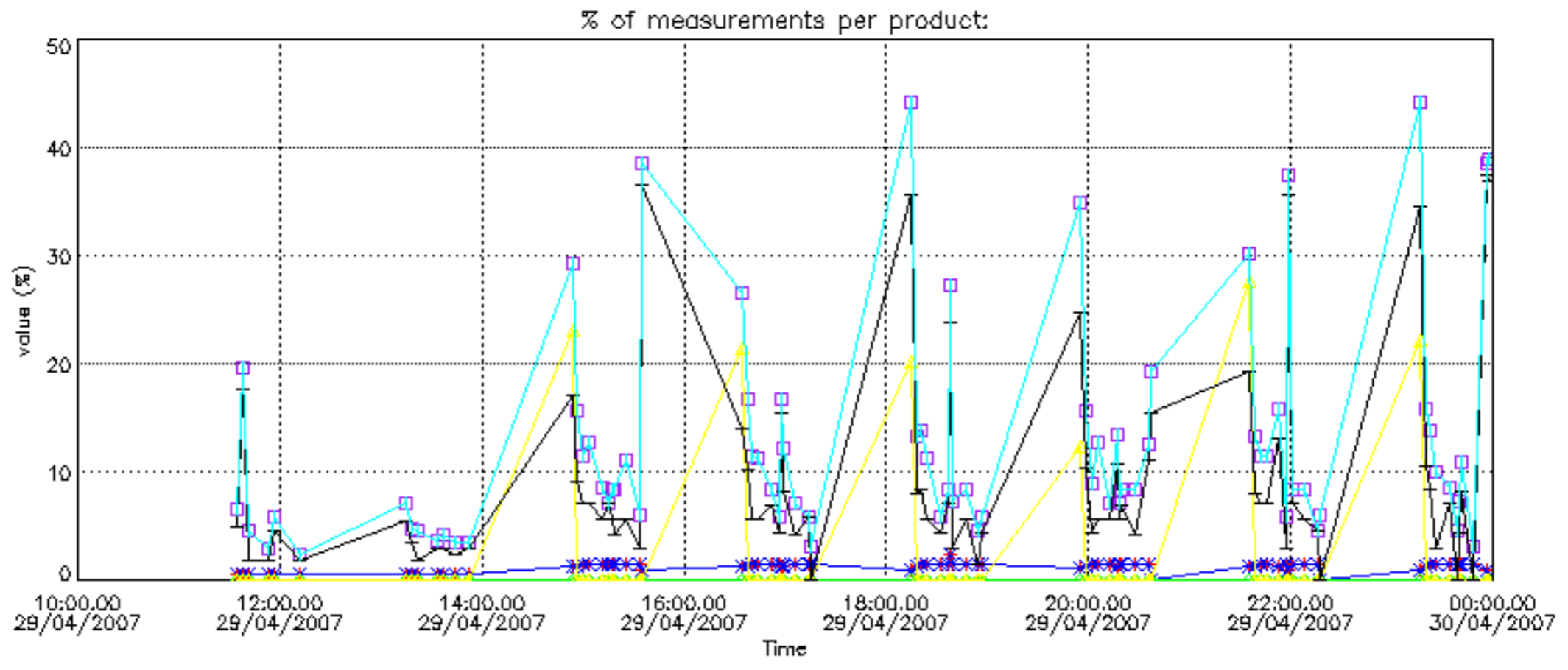
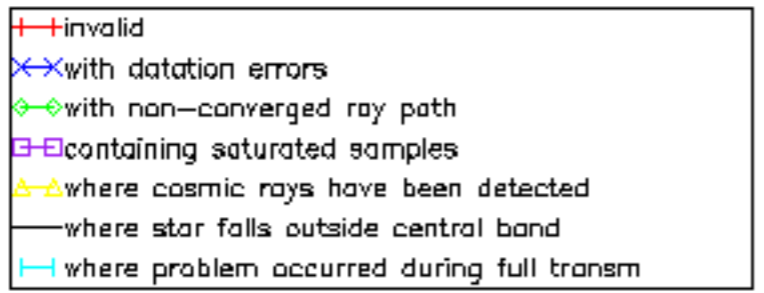
Percentage of flagged data per NO2 profile



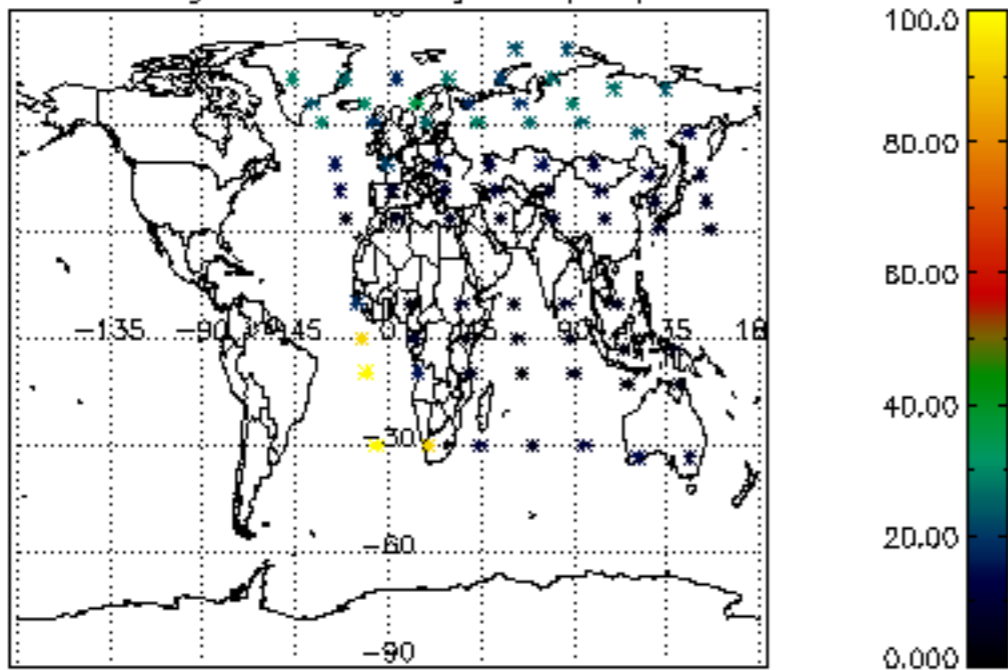
Percentage of flagged data per NO3 profile



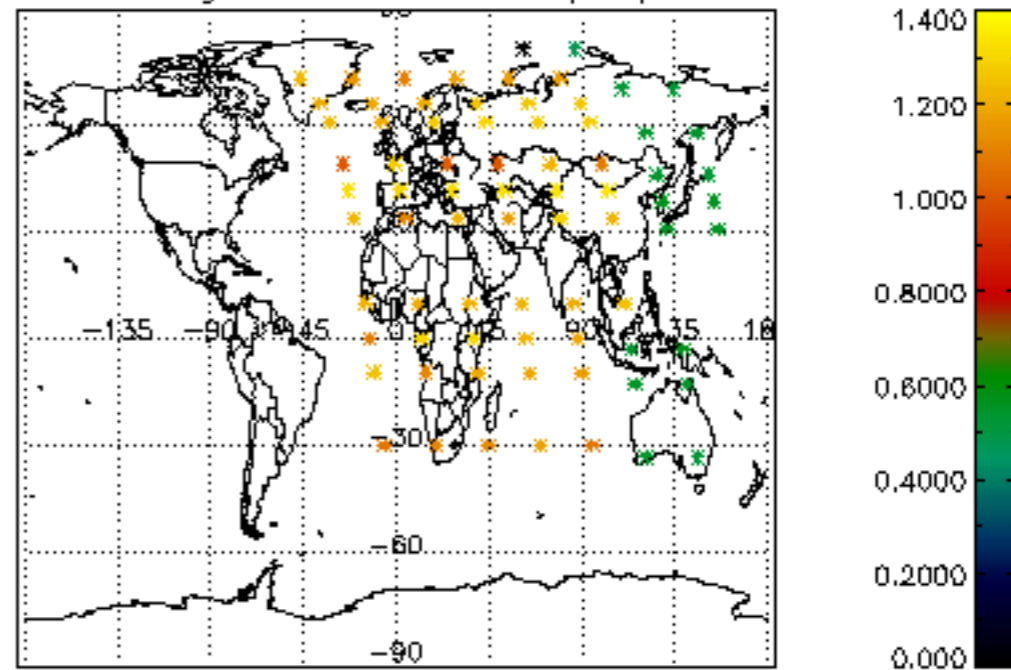




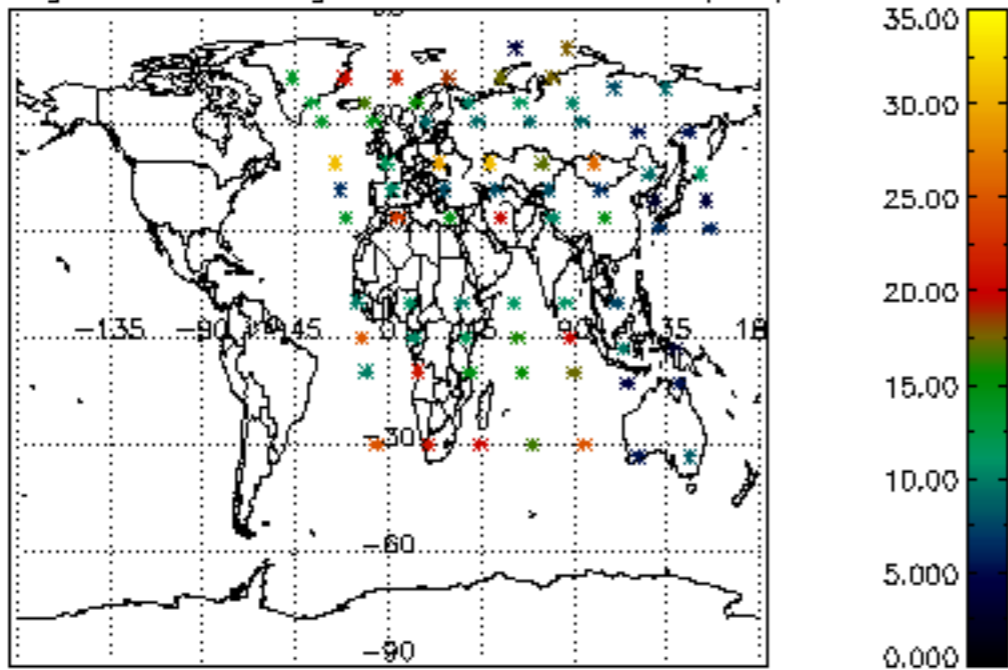
Percentage of cosmic ray hits per profile



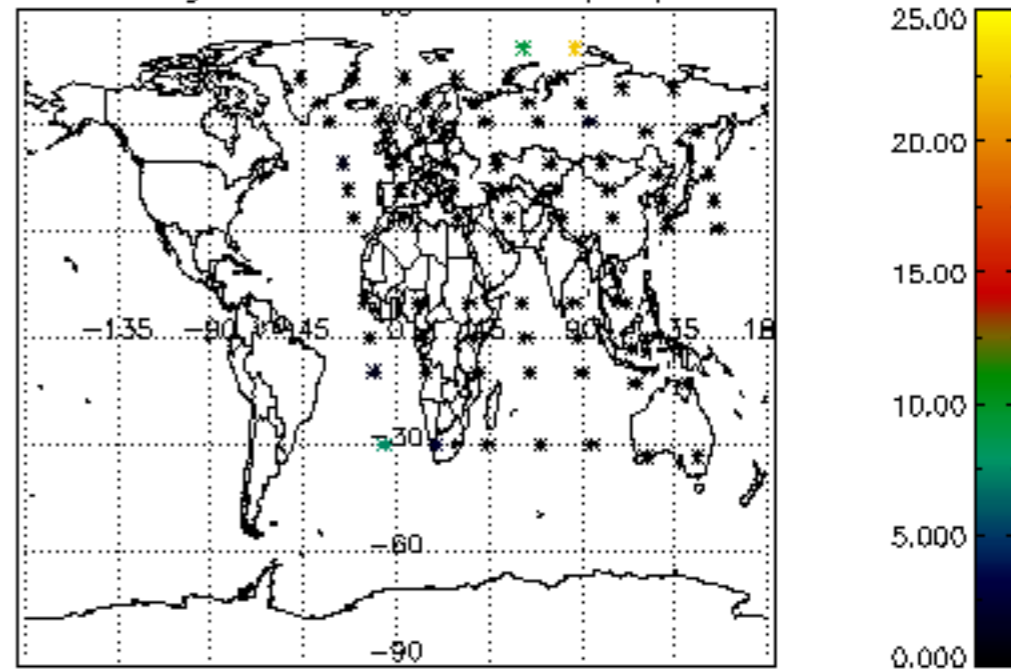
Percentage of datation errors per profile



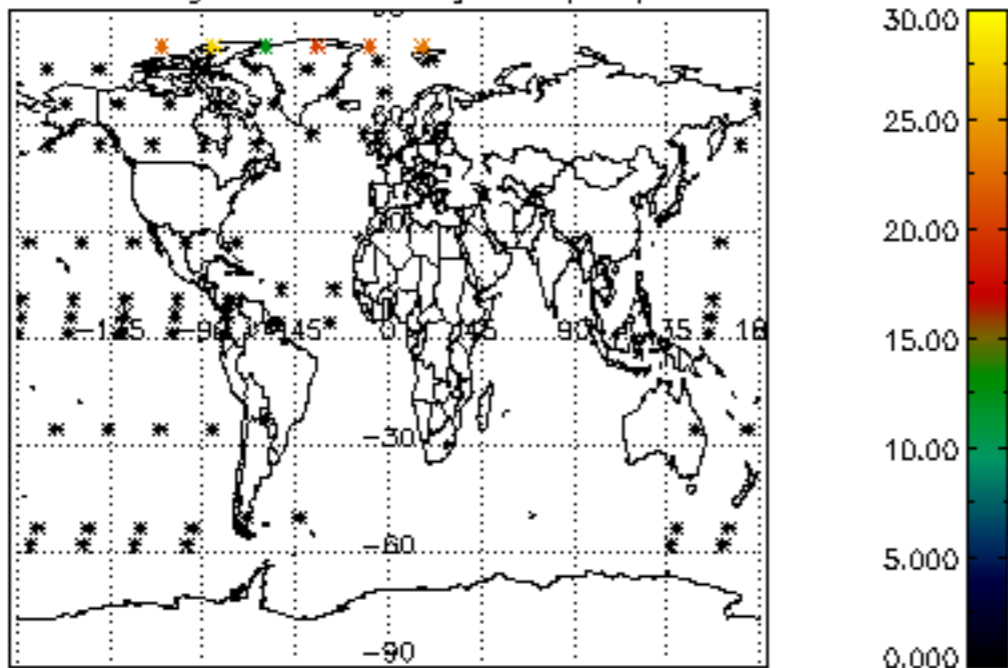
Percentage of star falling outside central band per profile



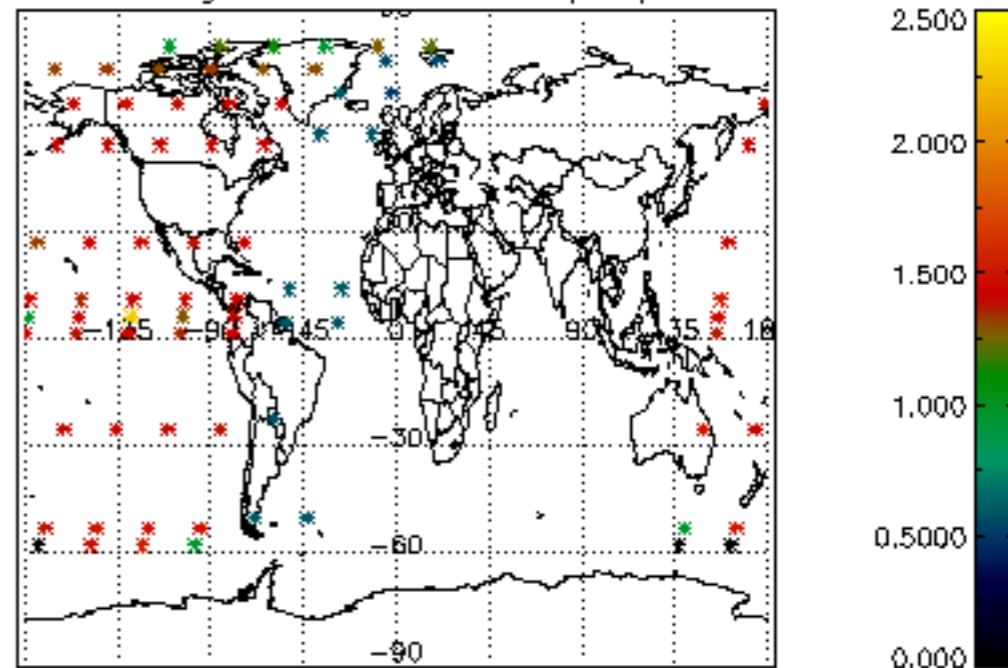
Percentage of saturation errors per profile



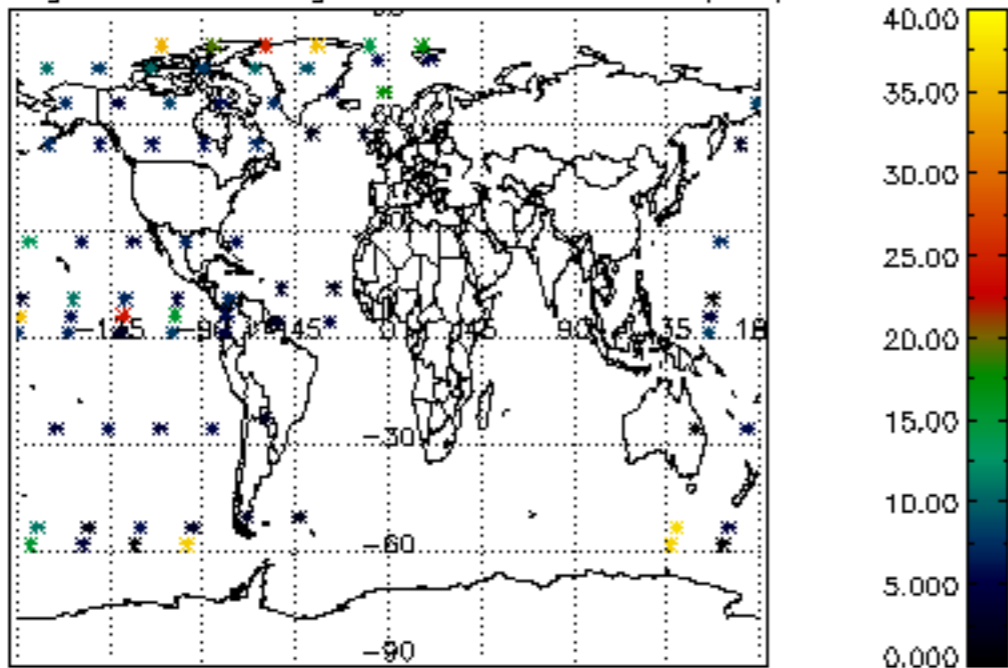
Percentage of cosmic ray hits per profile



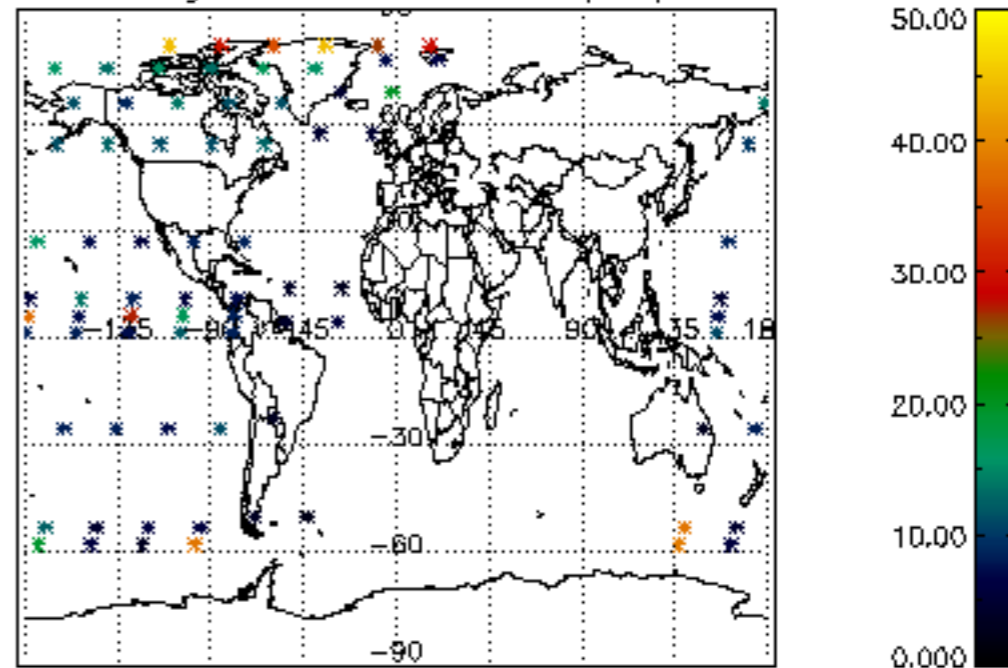
Percentage of datation errors per profile

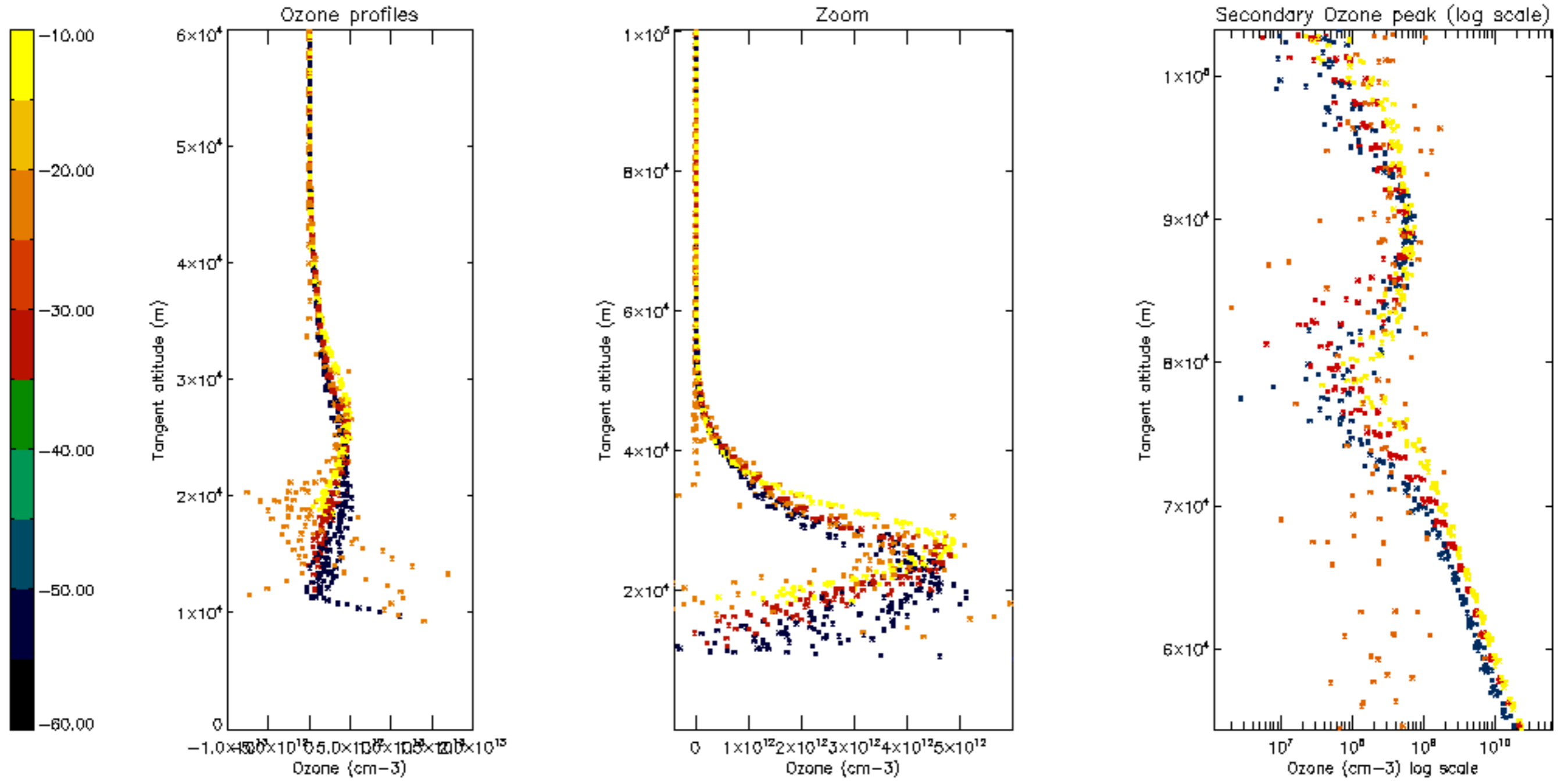


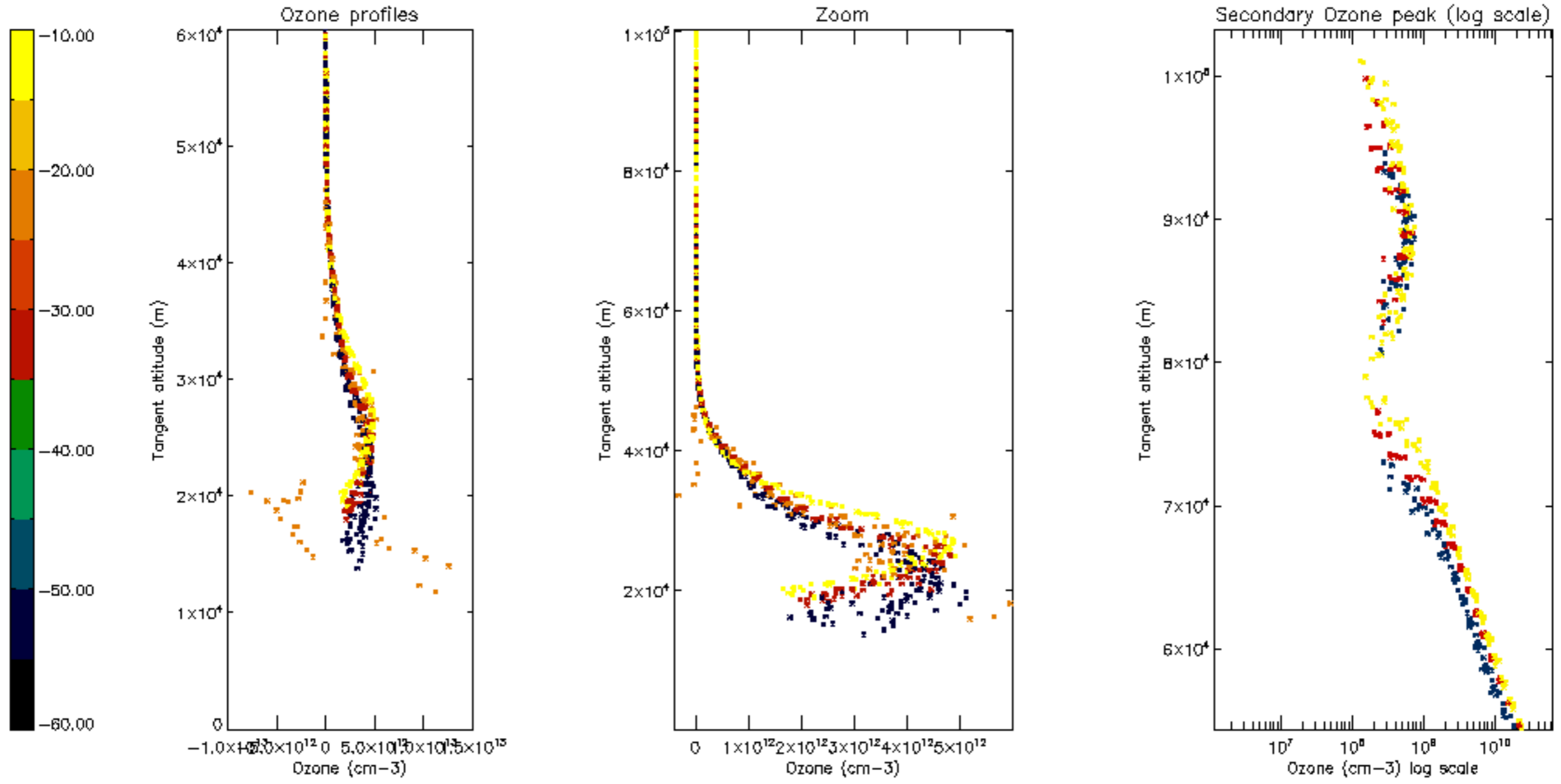
Percentage of star falling outside central band per profile

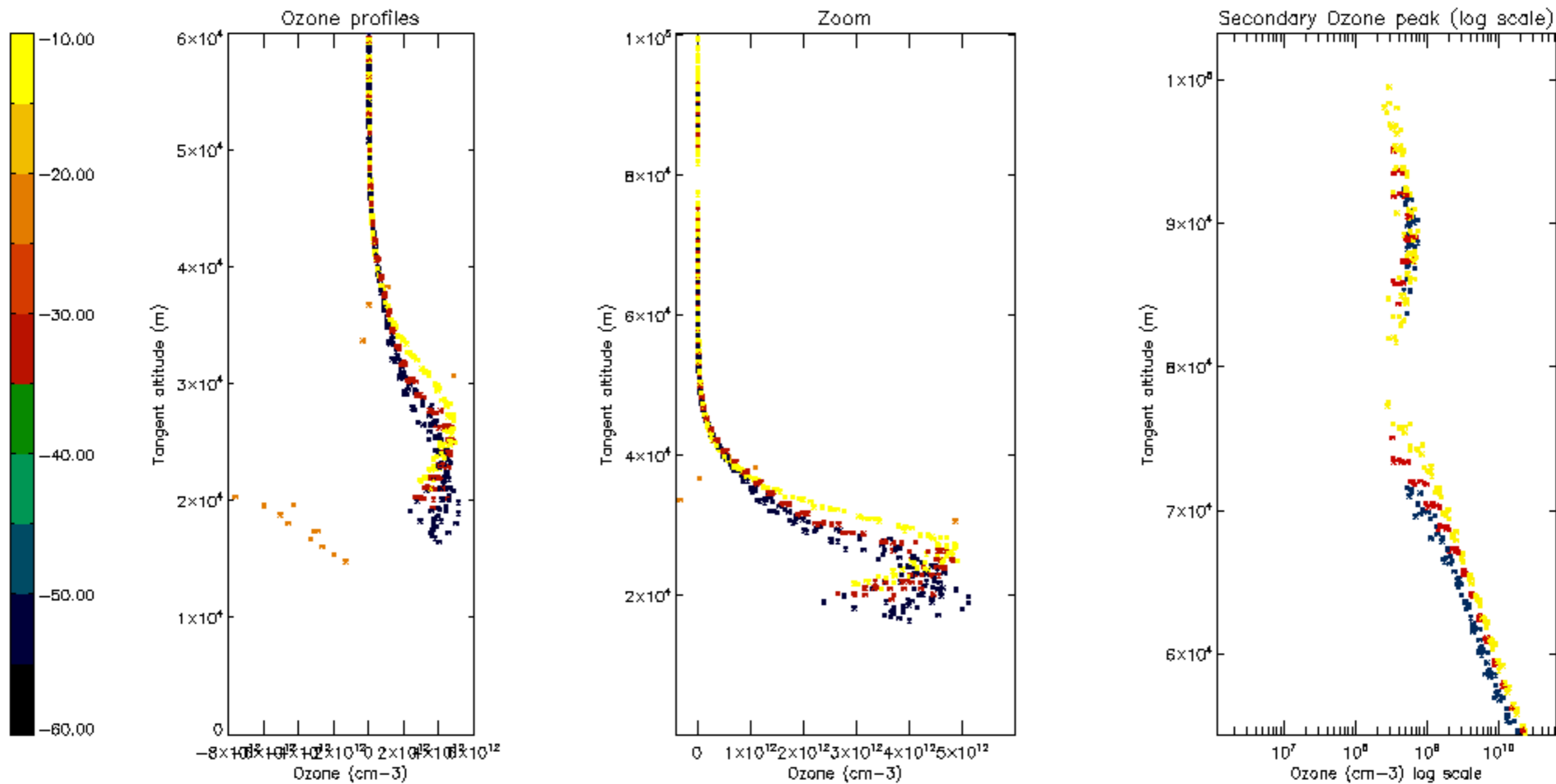


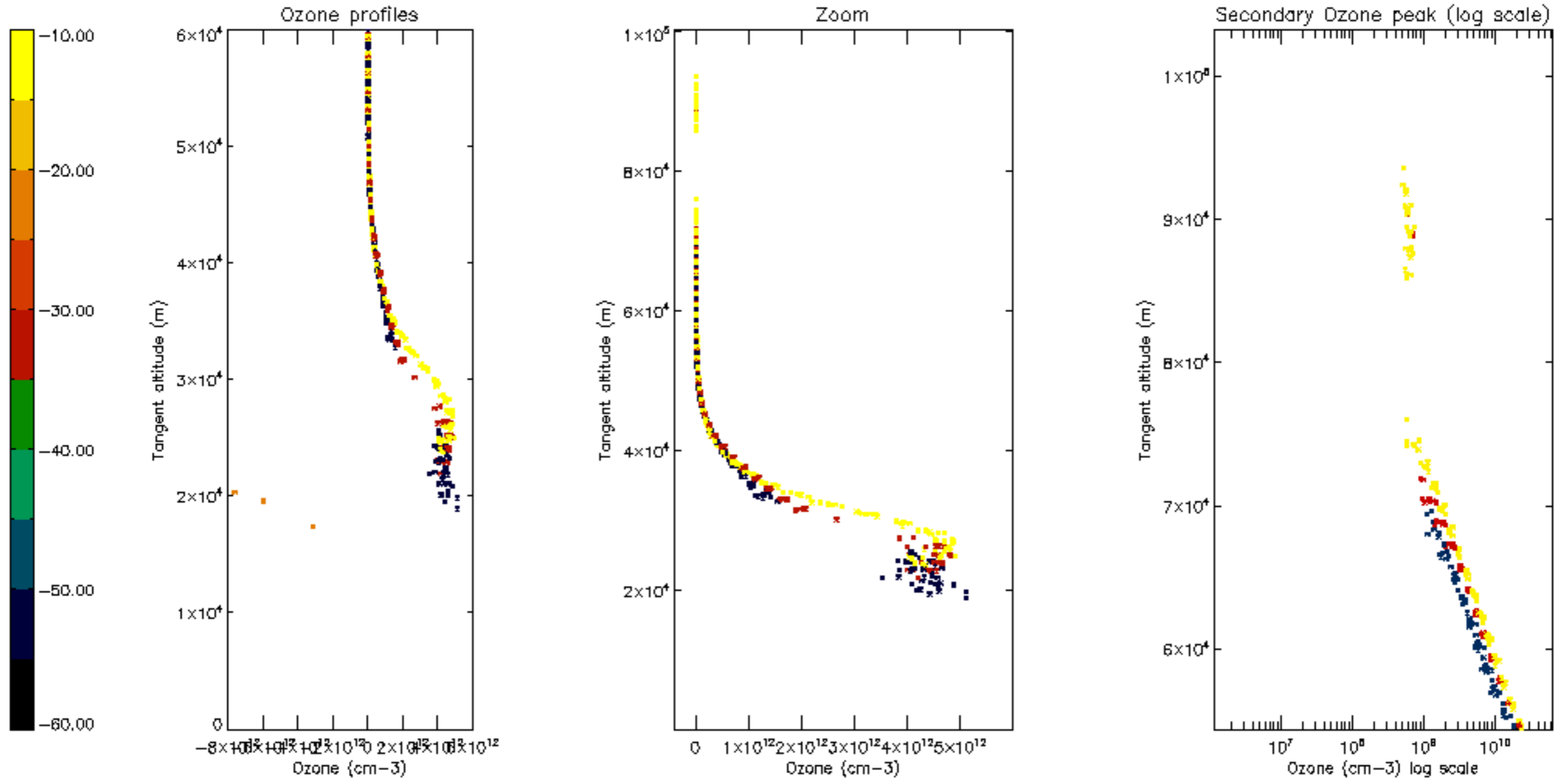
Percentage of saturation errors per profile

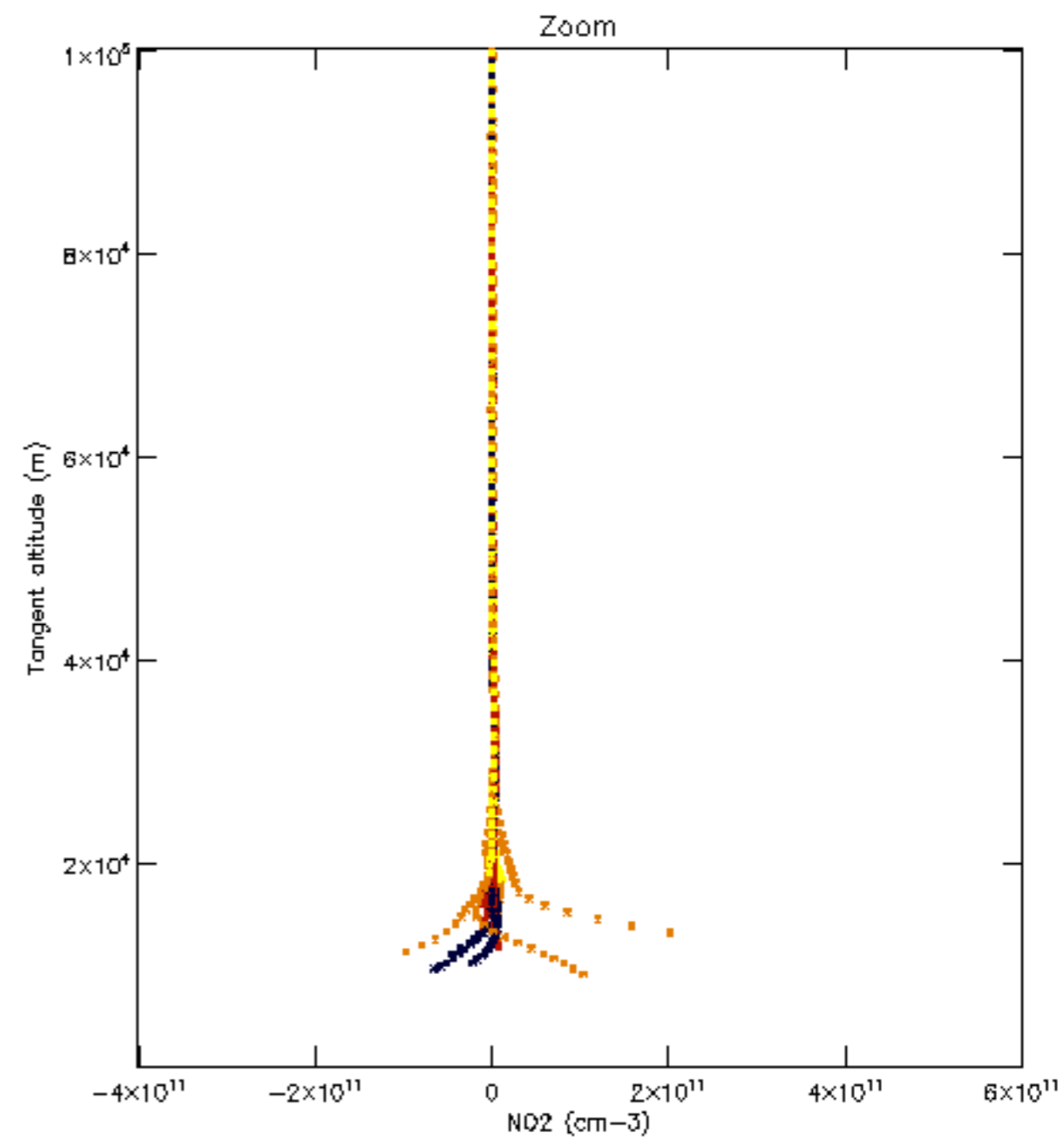
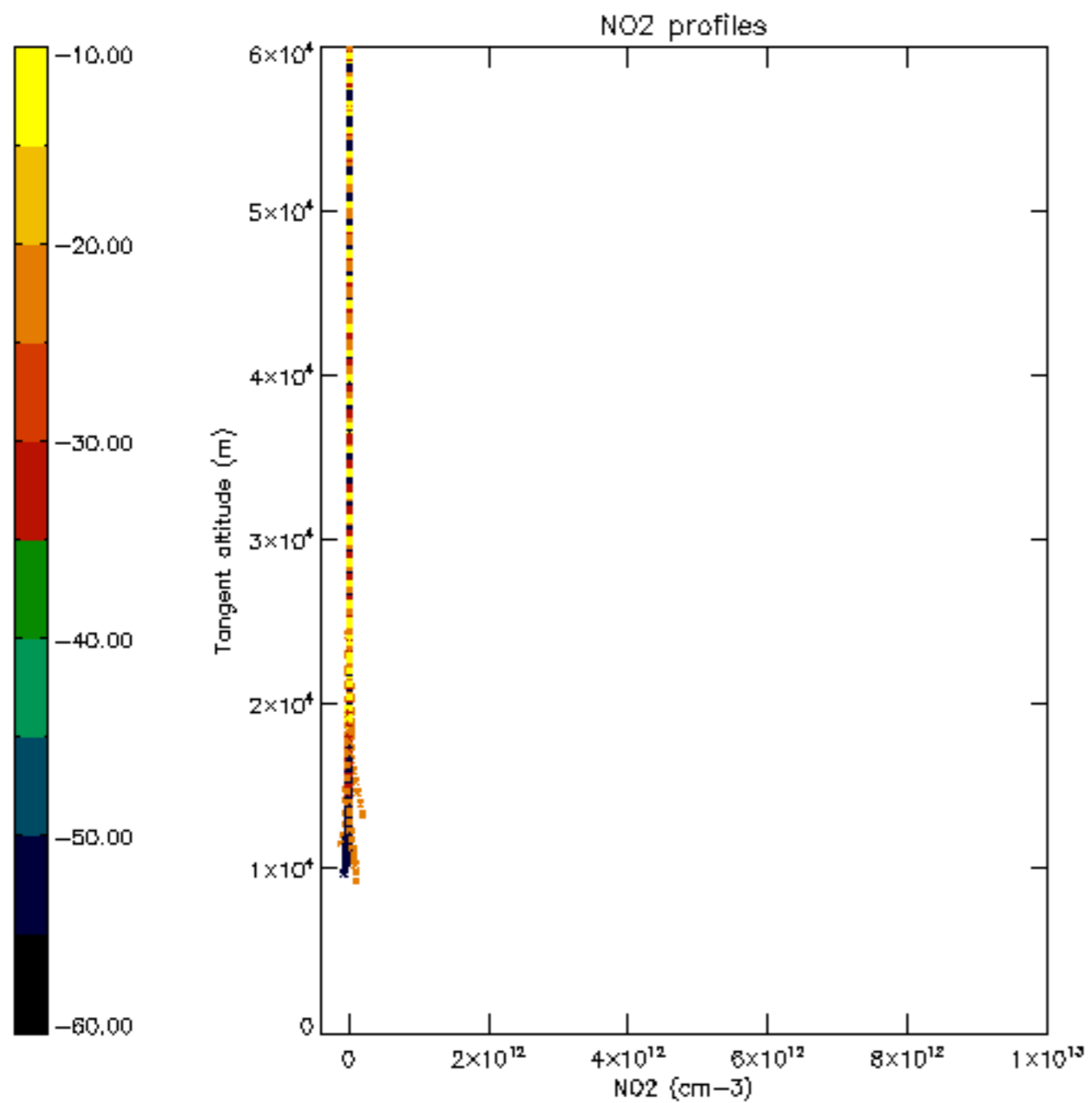


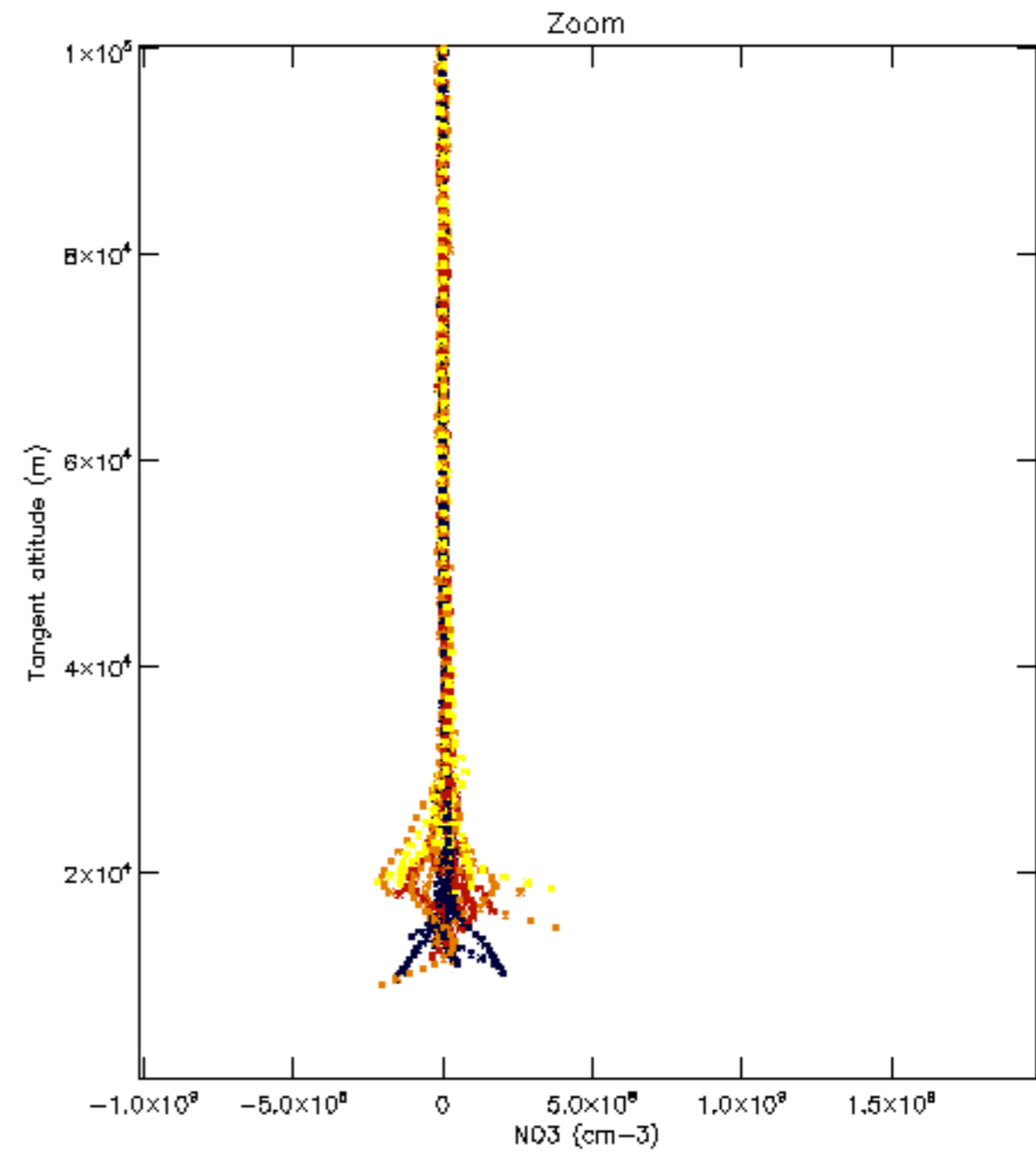
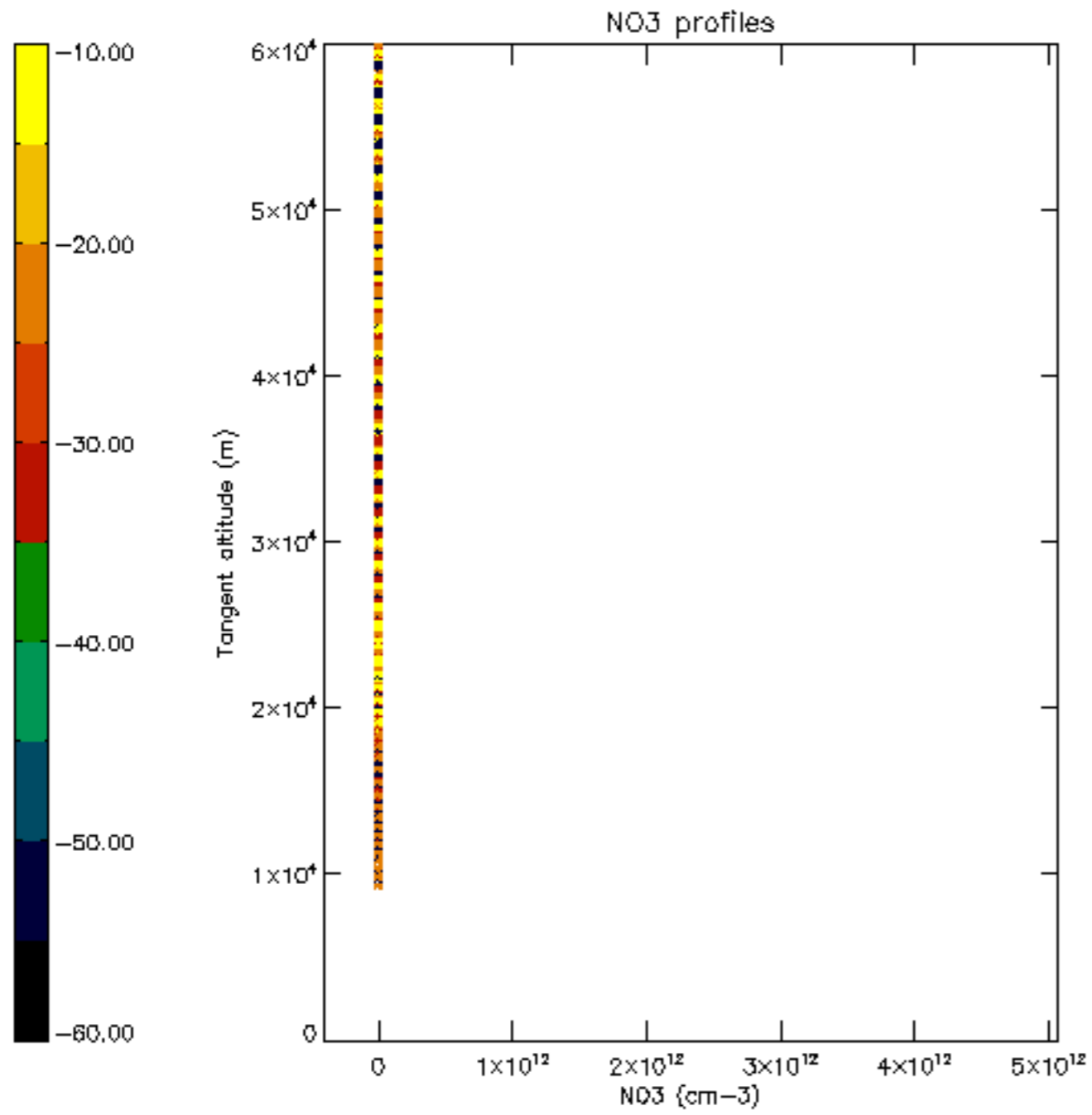


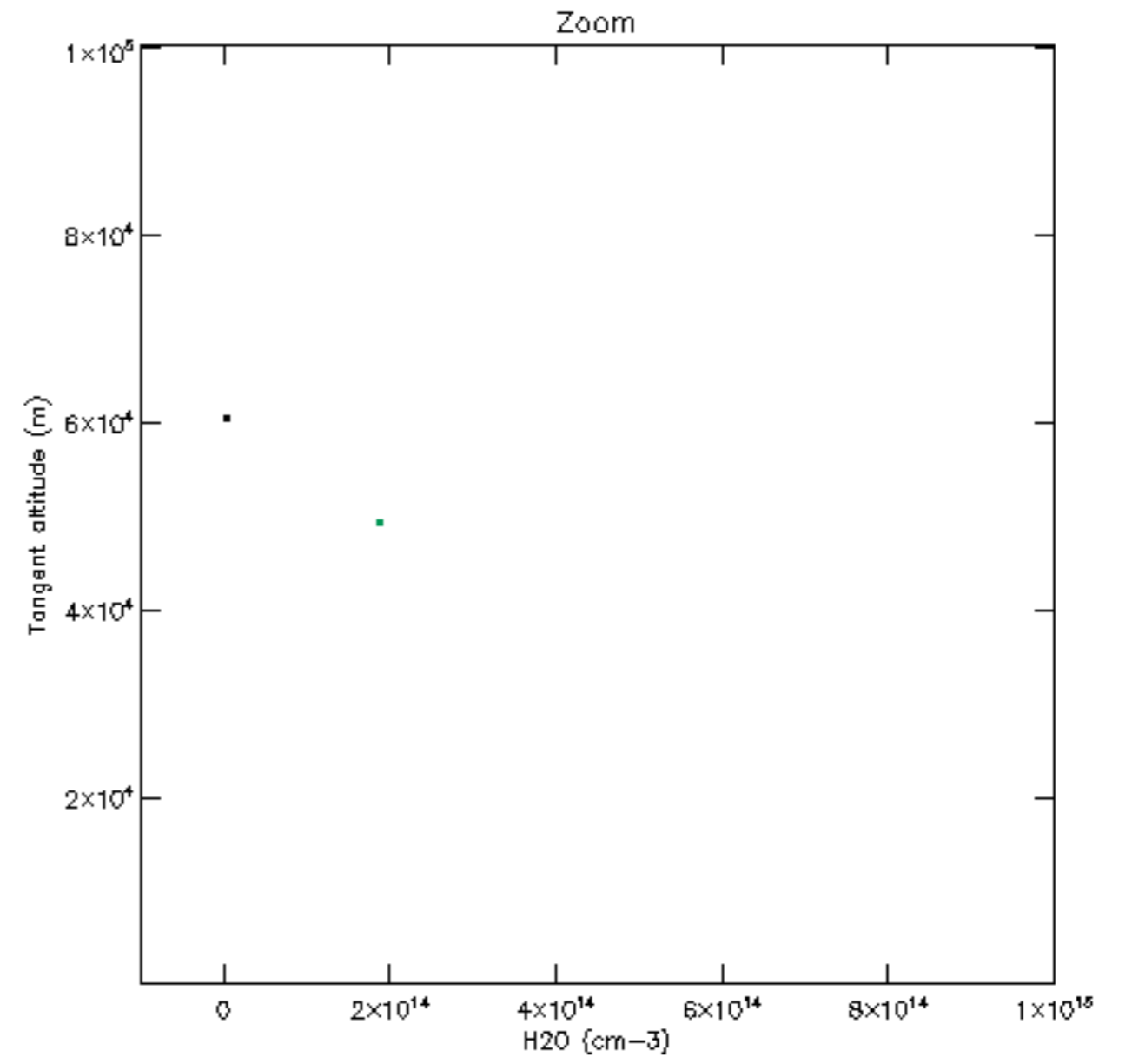
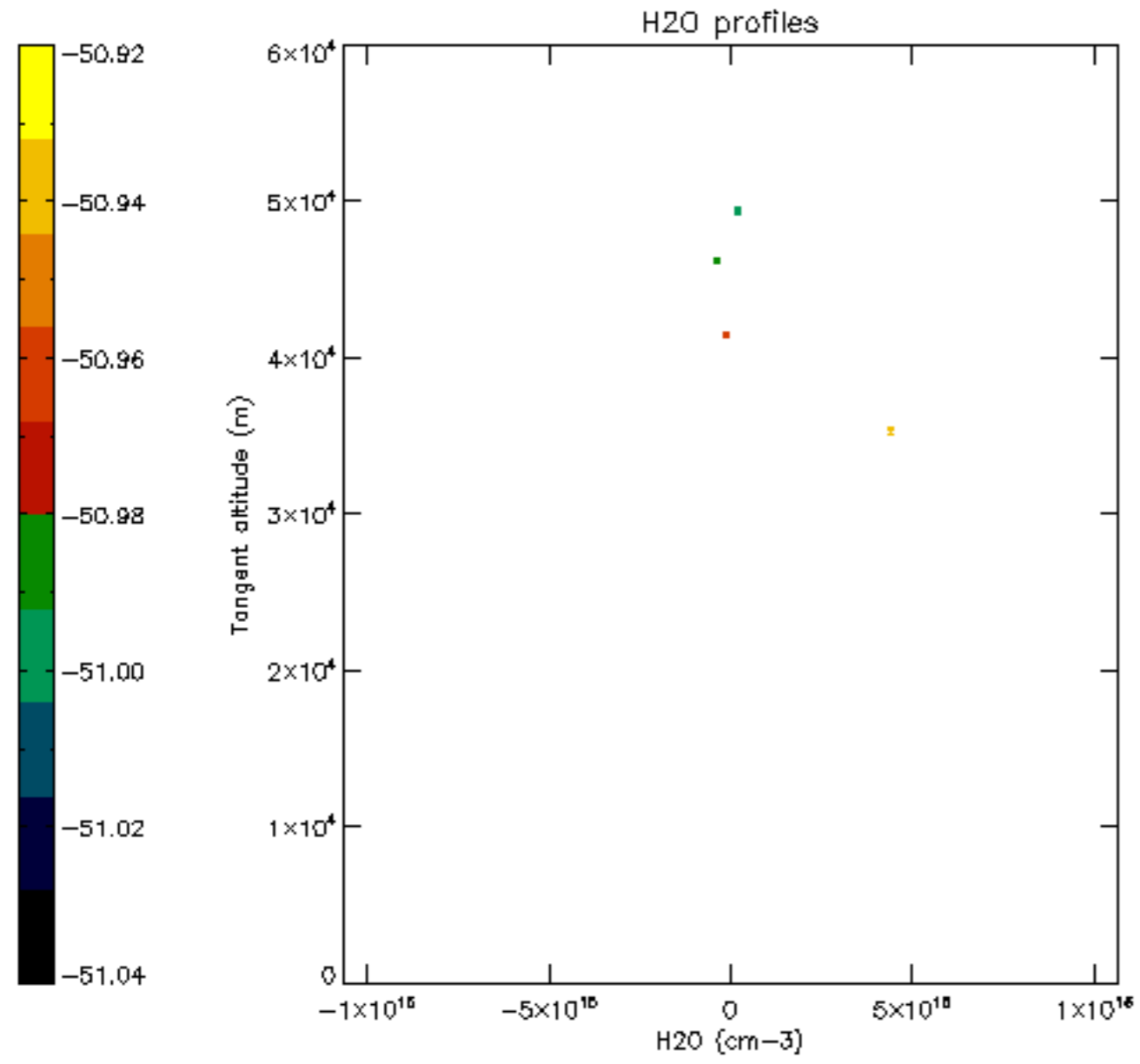


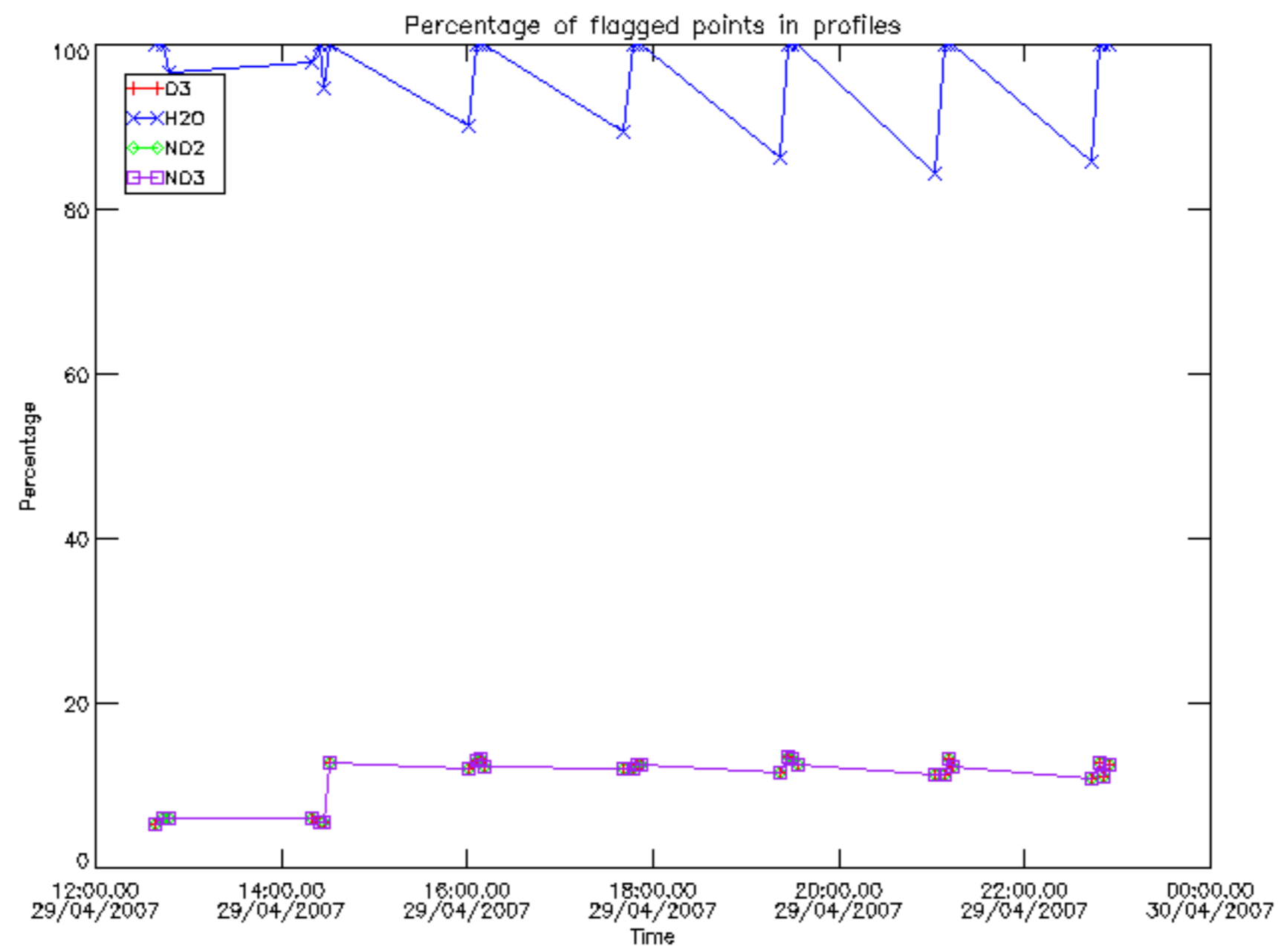




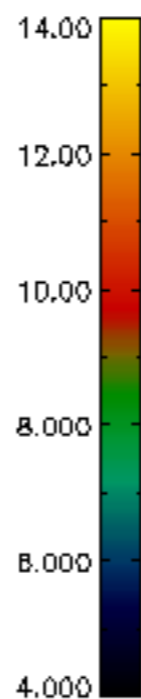
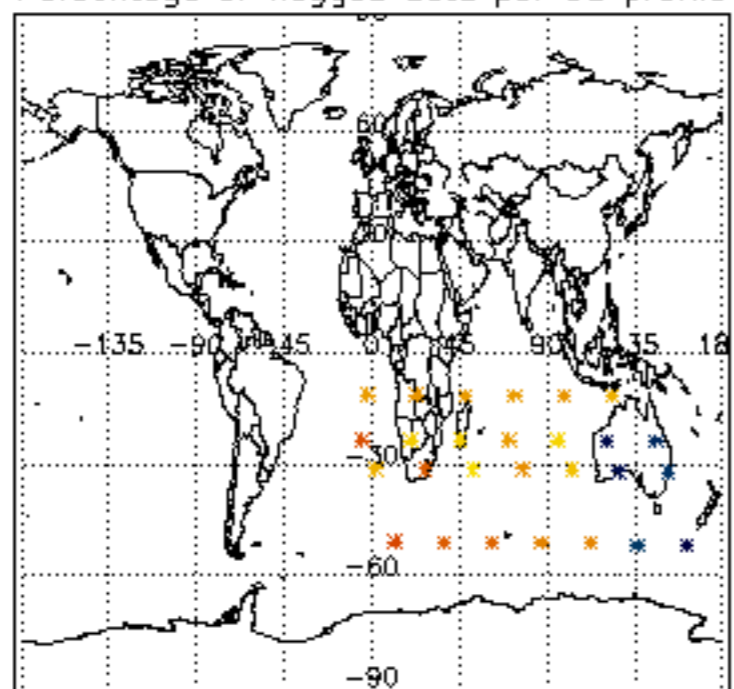




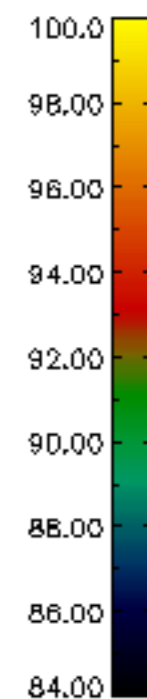
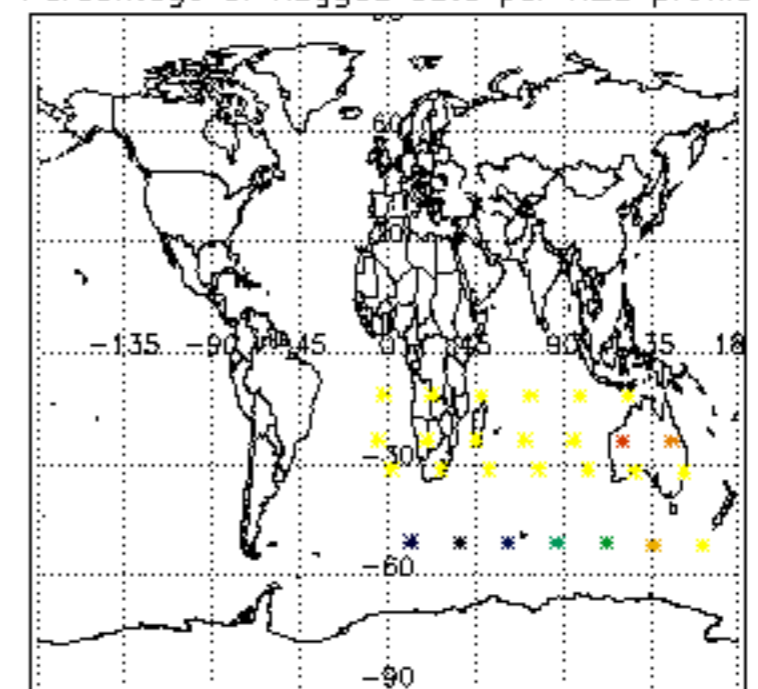




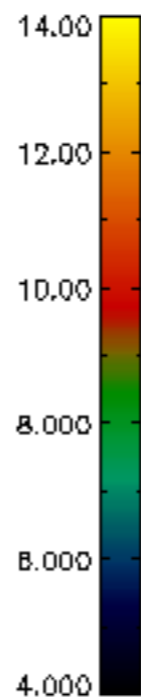
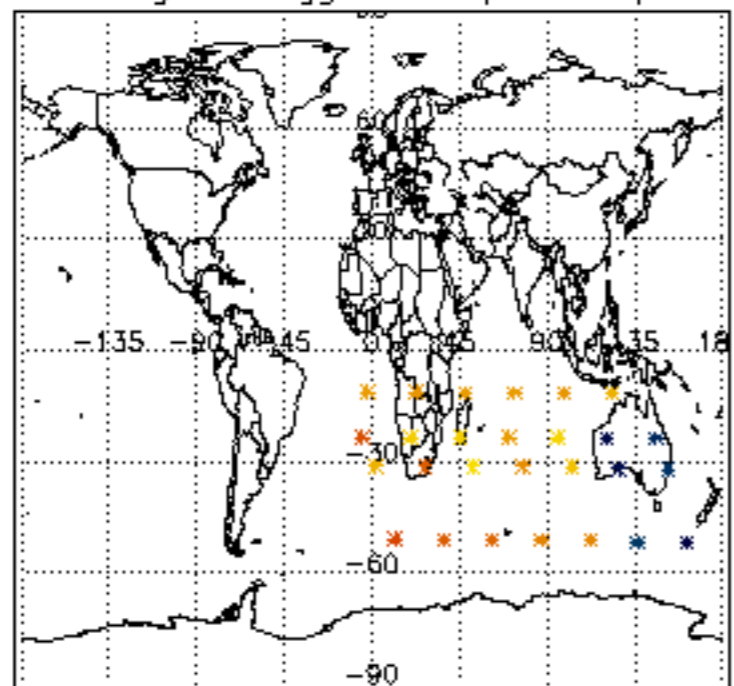
Percentage of flagged data per D3 profile



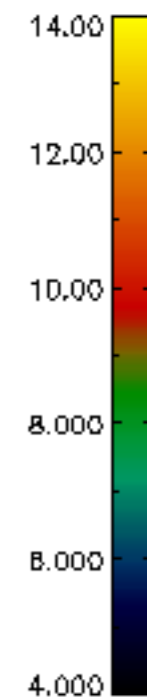
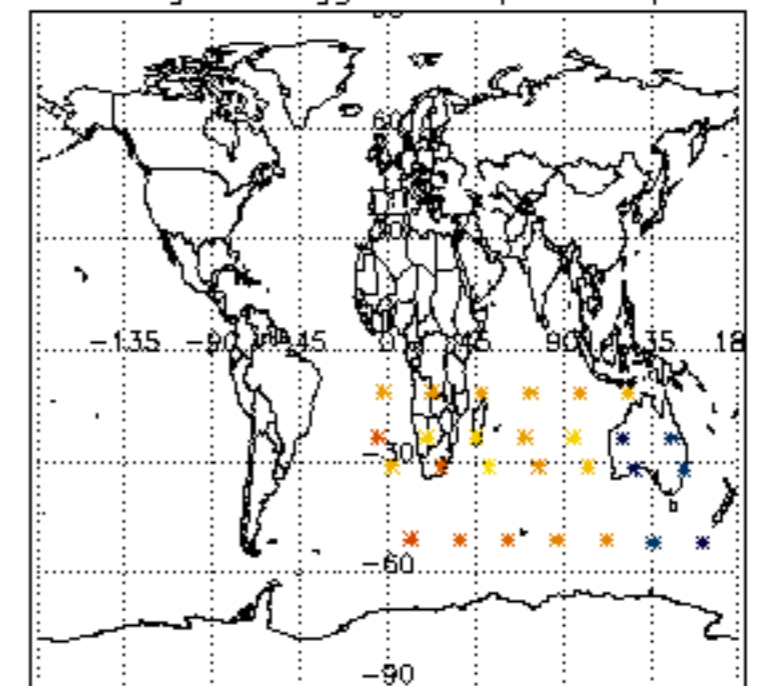
Percentage of flagged data per H2O profile

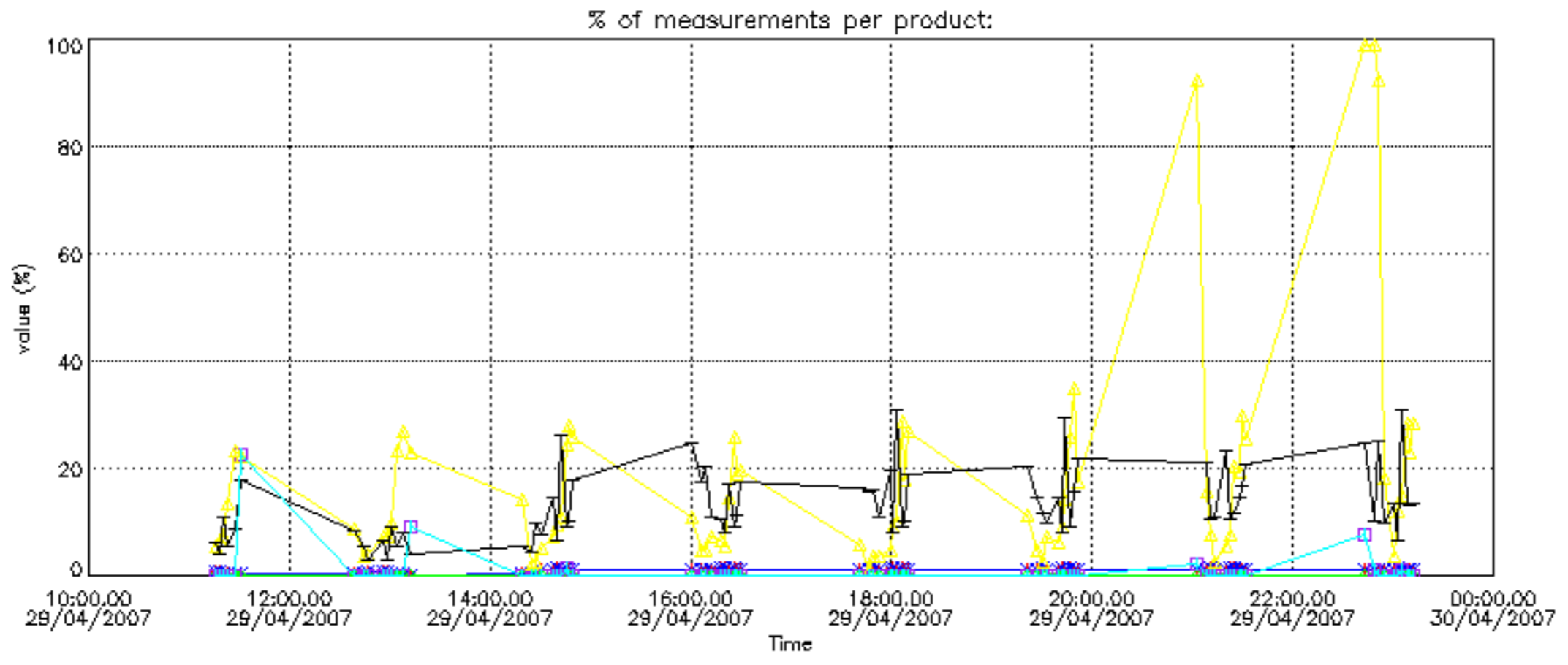
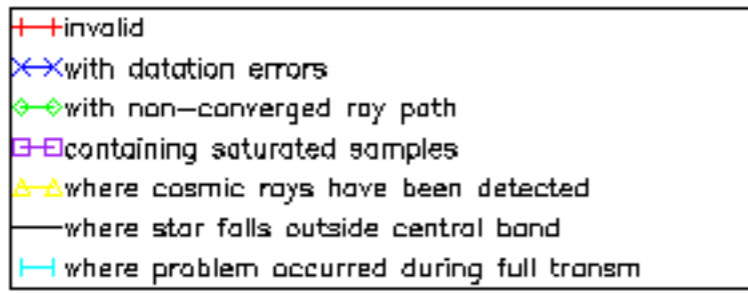


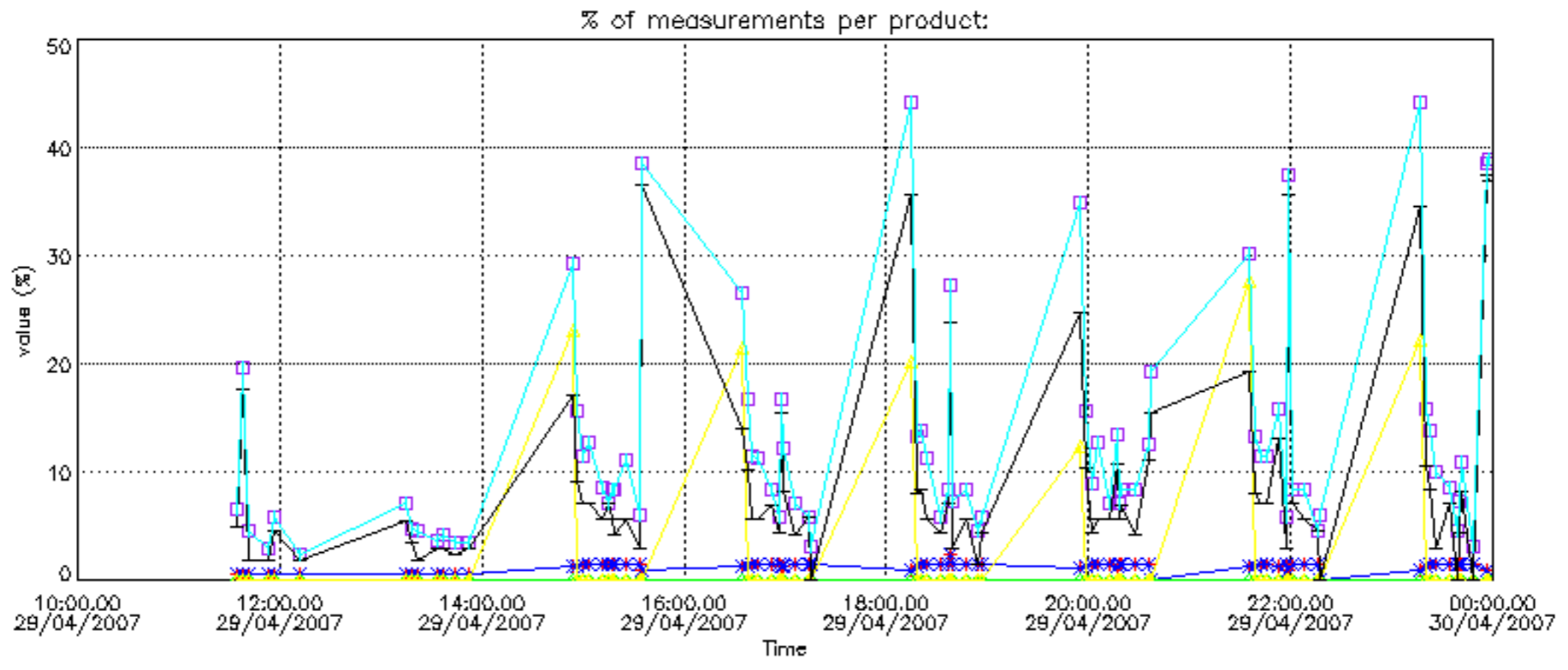
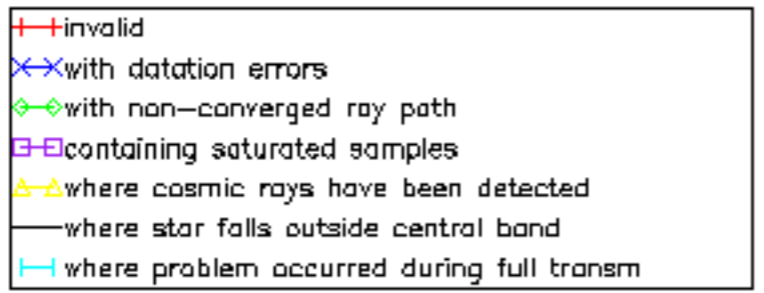
Percentage of flagged data per NO2 profile



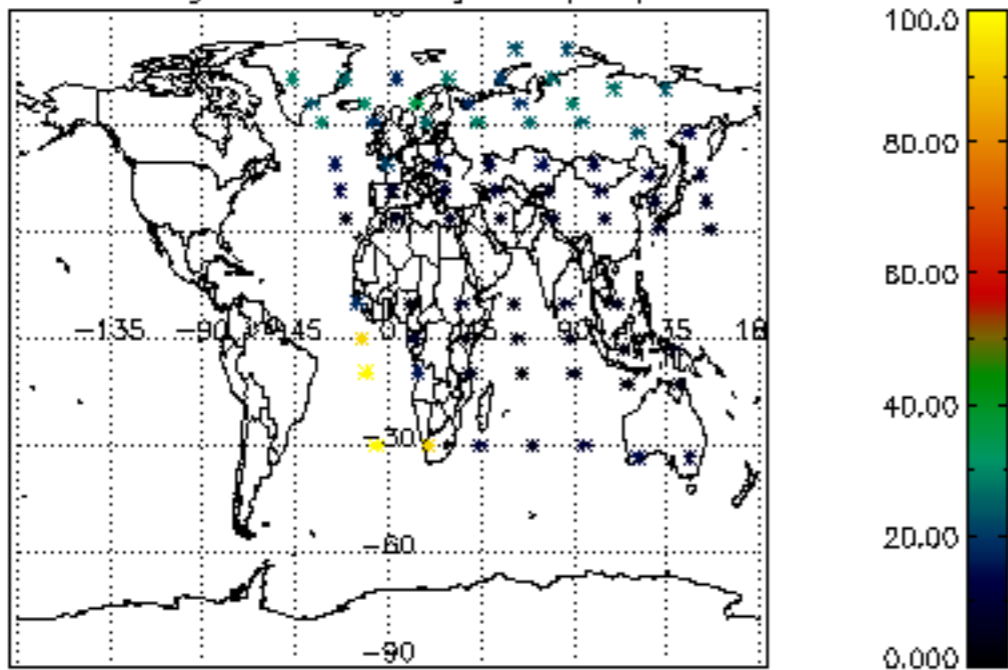
Percentage of flagged data per NO3 profile



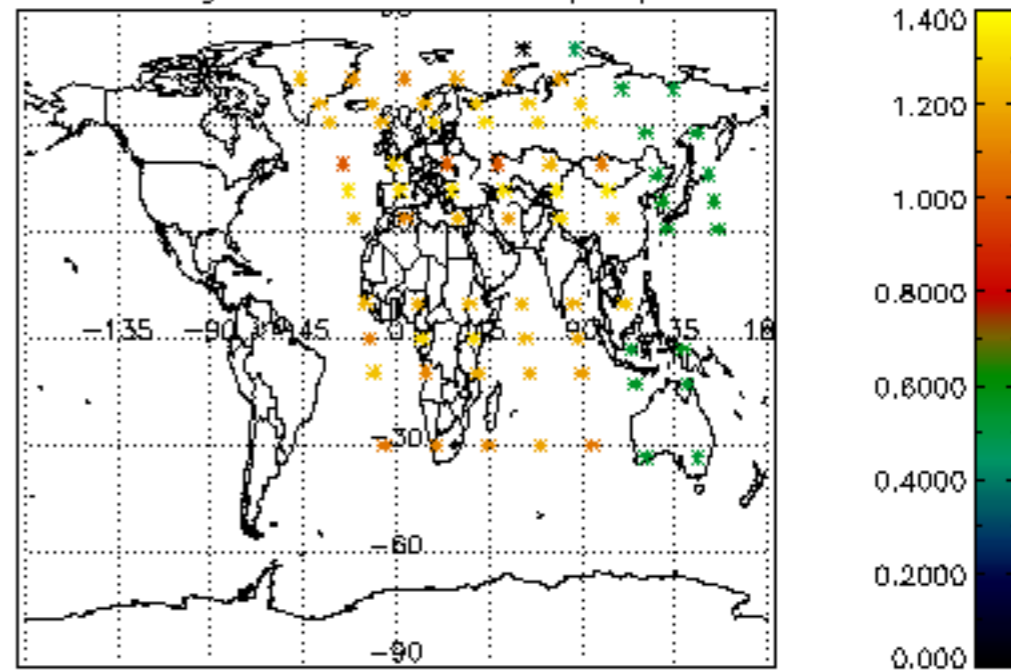




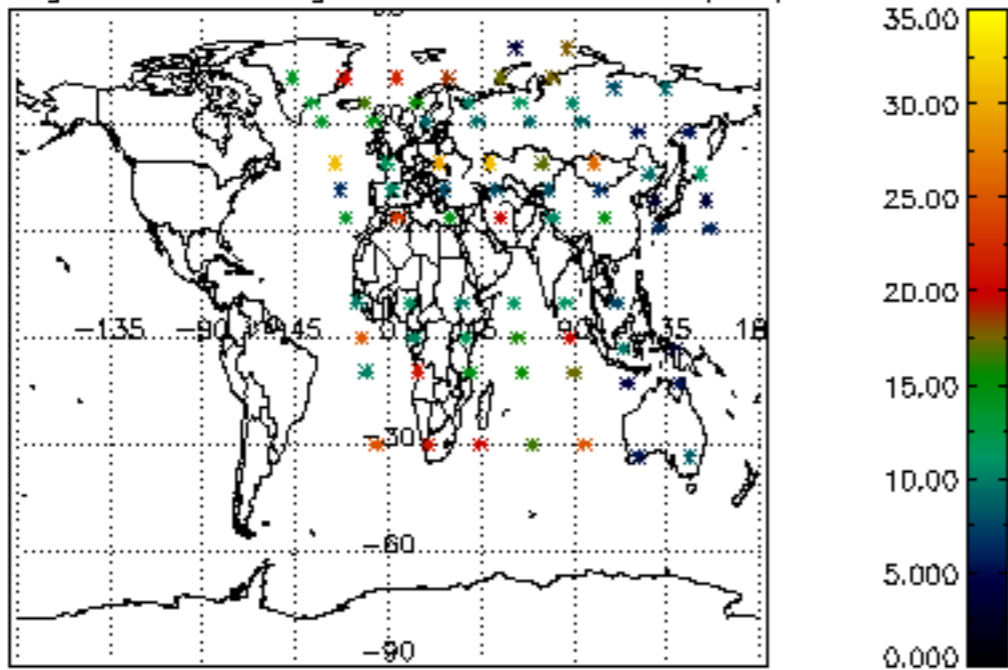
Percentage of cosmic ray hits per profile



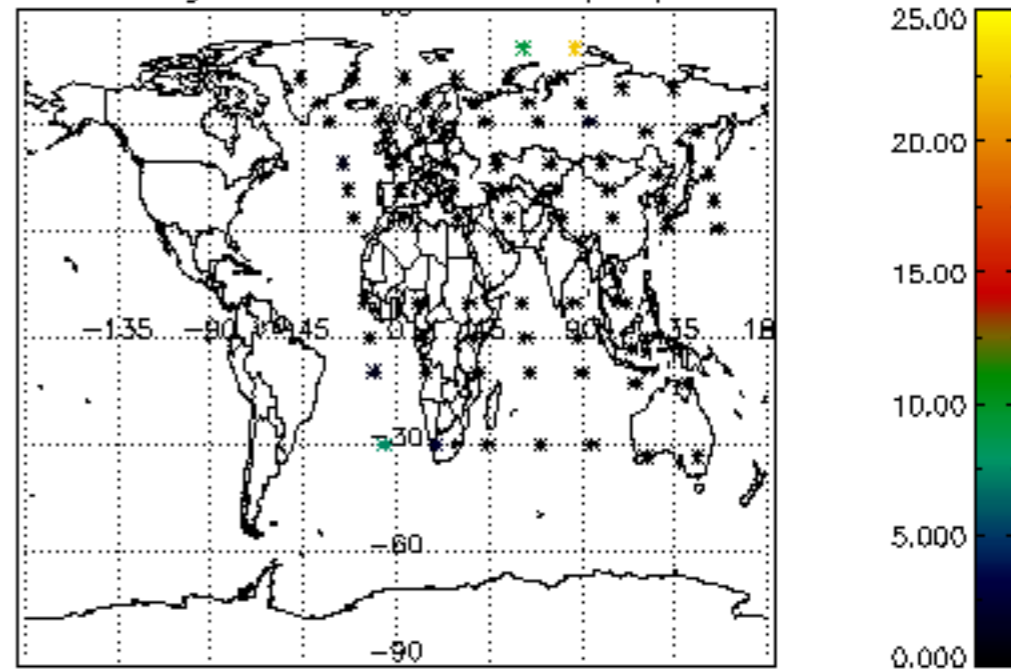
Percentage of datation errors per profile



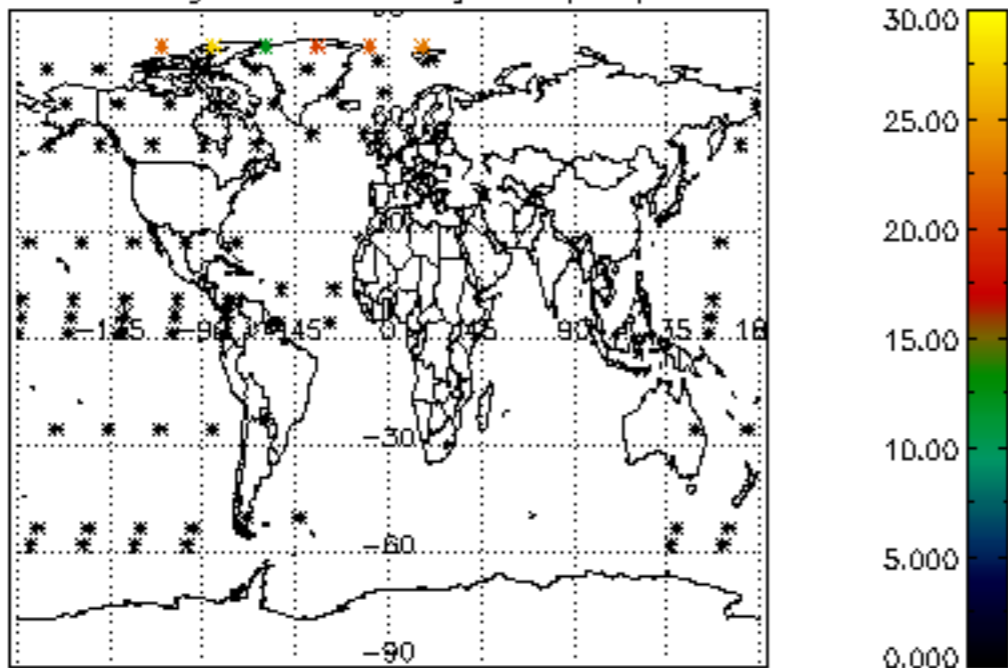
Percentage of star falling outside central band per profile



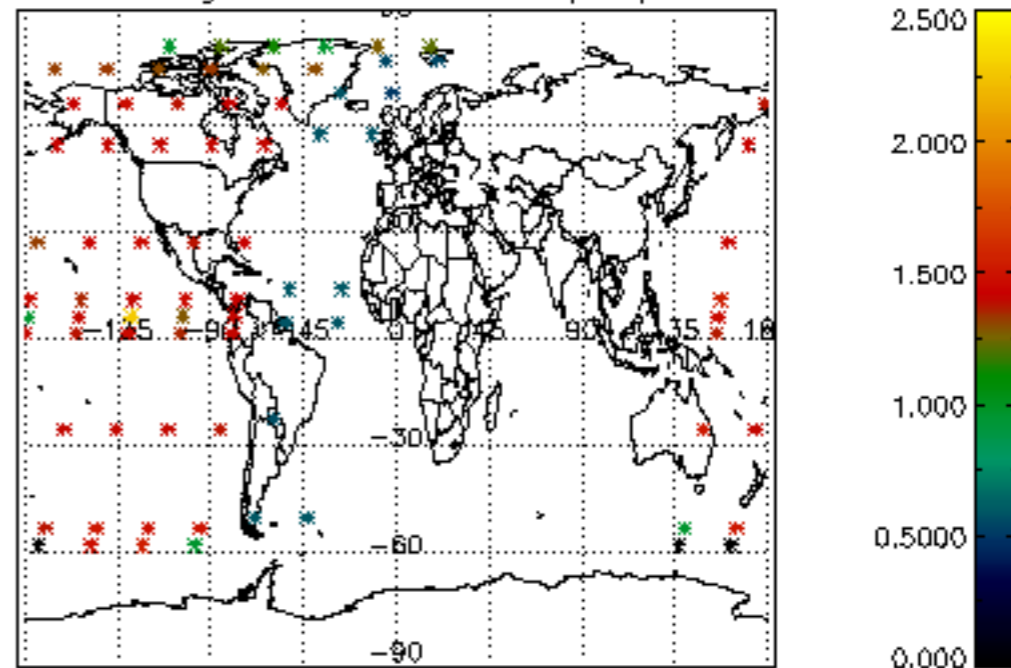
Percentage of saturation errors per profile



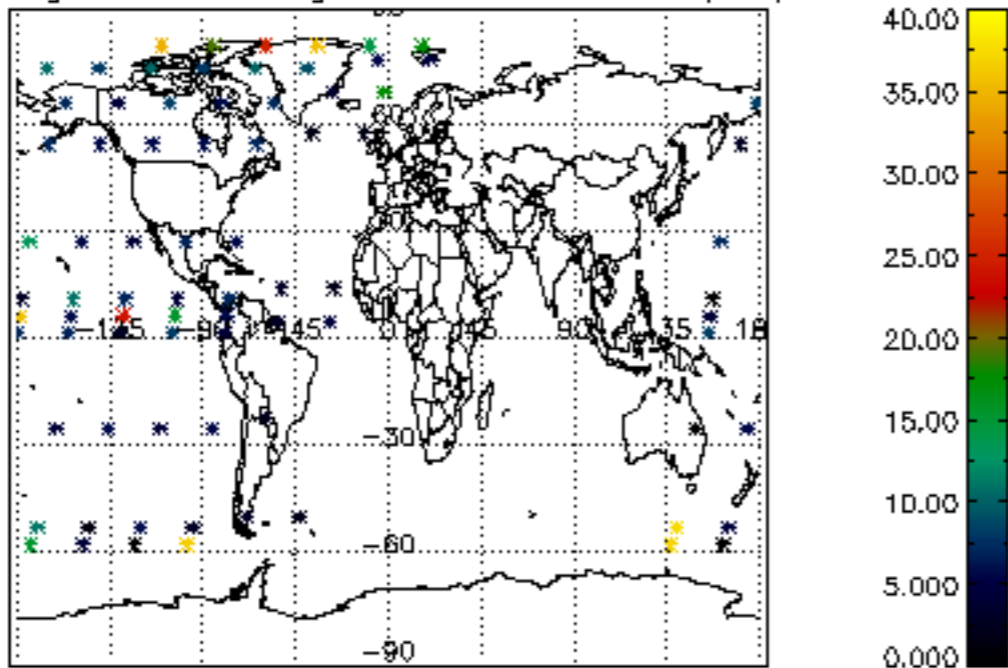
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

