

GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	26APR2013 08:34:53
Data source version	GOMOS/6.01
Start time of products	03-04-2009 (03APR2009 00:00:00)
Stop time of products	04-04-2009 (04APR2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	237
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__2PRFIN20090403_000156_000000562077_00445_37072_5144.N1	03-APR-2009 00:01:56	Dark	55.500	155	41Pi Sgr	2.9000	6600.0	111	37072	No
2	GOM_NL__2PRFIN20090403_000408_000000592077_00445_37072_5145.N1	03-APR-2009 00:04:08	Dark	58.500	57	34Sig Sgr	2.0660	26000.	117	37072	No
3	GOM_NL__2PRFIN20090403_000740_000000542077_00446_37073_4086.N1	03-APR-2009 00:07:40	Dark	54.000	38	20Eps Sgr	1.8360	11000.	108	37073	No
4	GOM_NL__2PRFIN20090403_001154_000000592077_00446_37073_4087.N1	03-APR-2009 00:11:54	Dark	59.000	25	35Lam Sco	1.6200	28000.	118	37073	No
5	GOM_NL__2PRFIN20090403_001926_000000522077_00446_37073_4088.N1	03-APR-2009 00:19:26	Straylight	51.500	131	Gam Lup	2.8000	26000.	103	37073	No
6	GOM_NL__2PRFIN20090403_002148_000000472077_00446_37073_4089.N1	03-APR-2009 00:21:48	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	37073	No
7	GOM_NL__2PRFIN20090403_002428_000000512077_00446_37073_4090.N1	03-APR-2009 00:24:28	Straylight	51.000	54	5The Cen	2.0550	4500.0	102	37073	No
8	GOM_NL__2PRFIN20090403_002950_000000492077_00446_37073_4091.N1	03-APR-2009 00:29:50	Twilight_stray	48.500	169	46Gam Hya	2.9910	4700.0	97	37073	No
9	GOM_NL__2PRFIN20090403_003401_000000632077_00446_37073_4092.N1	03-APR-2009 00:34:01	Bright	63.000	15	67Alp Vir	0.97600	28000.	126	37073	No
10	GOM_NL__2PRFIN20090403_003713_000000432077_00446_37073_4093.N1	03-APR-2009 00:37:13	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	37073	No
11	GOM_NL__2PRFIN20090403_004142_000000482077_00446_37073_4094.N1	03-APR-2009 00:41:42	Bright	47.500	138	47Eps Vir	2.8280	4700.0	95	37073	No
12	GOM_NL__2PRFIN20090403_005015_000000432077_00446_37073_4095.N1	03-APR-2009 00:50:15	Bright	43.000	152	12Alp2CVn	2.8900	11000.	86	37073	No
13	GOM_NL__2PRFIN20090403_005500_000000382077_00446_37073_4096.N1	03-APR-2009 00:55:00	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	37073	No
14	GOM_NL__2PRFIN20090403_010402_000000472077_00446_37073_4097.N1	03-APR-2009 01:04:02	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	37073	No
15	GOM_NL__2PRFIN20090403_011548_000000452077_00446_37073_4098.N1	03-APR-2009 01:15:48	Bright	45.000	144	18Del Cyg	2.8600	11000.	90	37073	No
16	GOM_NL__2PRFIN20090403_011746_000000452077_00446_37073_4099.N1	03-APR-2009 01:17:46	Bright	44.500	66	37Gam Cyg	2.2080	5900.0	89	37073	No
17	GOM_NL__2PRFIN20090403_011951_000000462077_00446_37073_4100.N1	03-APR-2009 01:19:51	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	37073	No
18	GOM_NL__2PRFIN20090403_013019_000000642077_00446_37073_4101.N1	03-APR-2009 01:30:19	Dark	63.500	11	53Alp Aql	0.76500	8000.0	127	37073	No
19	GOM_NL__2PRFIN20090403_014233_000000592077_00446_37073_4102.N1	03-APR-2009 01:42:33	Dark	59.000	155	41Pi Sgr	2.9000	6600.0	118	37073	No
20	GOM_NL__2PRFIN20090403_014445_000000612077_00446_37073_4103.N1	03-APR-2009 01:44:45	Dark	60.500	57	34Sig Sgr	2.0660	26000.	121	37073	No
21	GOM_NL__2PRFIN20090403_014817_000000572077_00447_37074_4099.N1	03-APR-2009 01:48:17	Dark	57.000	38	20Eps Sgr	1.8360	11000.	114	37074	No
22	GOM_NL__2PRFIN20090403_015231_000000652077_00447_37074_4100.N1	03-APR-2009 01:52:31	Dark	65.000	25	35Lam Sco	1.6200	28000.	130	37074	No
23	GOM_NL__2PRFIN20090403_020003_000000522077_00447_37074_4101.N1	03-APR-2009 02:00:03	Straylight	52.000	131	Gam Lup	2.8000	26000.	104	37074	No
24	GOM_NL__2PRFIN20090403_020224_000000482077_00447_37074_4102.N1	03-APR-2009 02:02:24	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	37074	No
25	GOM_NL__2PRFIN20090403_020504_000000462077_00447_37074_4103.N1	03-APR-2009 02:05:04	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	37074	No
26	GOM_NL__2PRFIN20090403_021026_000000482077_00447_37074_4104.N1	03-APR-2009 02:10:26	Twilight_stray	48.000	169	46Gam Hya	2.9910	4700.0	96	37074	No
27	GOM_NL__2PRFIN20090403_021437_000000652077_00447_37074_4105.N1	03-APR-2009 02:14:37	Bright	64.500	15	67Alp Vir	0.97600	28000.	129	37074	No
28	GOM_NL__2PRFIN20090403_021749_000000442077_00447_37074_4106.N1	03-APR-2009 02:17:49	Bright	43.500	121	29Gam Vir	2.7400	7200.0	87	37074	No
29	GOM_NL__2PRFIN20090403_022218_000000672077_00447_37074_4107.N1	03-APR-2009 02:22:18	Bright	67.000	138	47Eps Vir	2.8280	4700.0	134	37074	No
30	GOM_NL__2PRFIN20090403_023050_000000432077_00447_37074_4108.N1	03-APR-2009 02:30:50	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	37074	No
31	GOM_NL__2PRFIN20090403_023536_000000412077_00447_37074_4109.N1	03-APR-2009 02:35:36	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	37074	No
32	GOM_NL__2PRFIN20090403_024438_000000472077_00447_37074_4110.N1	03-APR-2009 02:44:38	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	37074	No
33	GOM_NL__2PRFIN20090403_025624_000000472077_00447_37074_4111.N1	03-APR-2009 02:56:24	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	37074	No
34	GOM_NL__2PRFIN20090403_025822_000000492077_00447_37074_4112.N1	03-APR-2009 02:58:22	Bright	48.500	66	37Gam Cyg	2.2080	5900.0	97	37074	No
35	GOM_NL__2PRFIN20090403_030027_000000612077_00447_37074_4113.N1	03-APR-2009 03:00:27	Bright	61.000	92	53Eps Cyg	2.5000	4500.0	122	37074	No
36	GOM_NL__2PRFIN20090403_031056_000000572077_00447_37074_4114.N1	03-APR-2009 03:10:56	Dark	57.000	11	53Alp Aql	0.76500	8000.0	114	37074	No
37	GOM_NL__2PRFIN20090403_032311_000000592077_00447_37074_4115.N1	03-APR-2009 03:23:11	Dark	58.500	155	41Pi Sgr	2.9000	6600.0	117	37074	No
38	GOM_NL__2PRFIN20090403_032523_000000572077_00447_37074_4116.N1	03-APR-2009 03:25:23	Dark	56.500	57	34Sig Sgr	2.0660	26000.	113	37074	No
39	GOM_NL__2PRFIN20090403_032855_000000592077_00448_37075_4109.N1	03-APR-2009 03:28:55	Dark	59.000	38	20Eps Sgr	1.8360	11000.	118	37075	No
40	GOM_NL__2PRFIN20090403_033309_000000592077_00448_37075_4110.N1	03-APR-2009 03:33:09	Dark	58.500	25	35Lam Sco	1.6200	28000.	117	37075	No
41	GOM_NL__2PRFIN20090403_034039_000000502077_00448_37075_4111.N1	03-APR-2009 03:40:39	Straylight	49.500	131	Gam Lup	2.8000	26000.	99	37075	No
42	GOM_NL__2PRFIN20090403_034300_000000492077_00448_37075_4112.N1	03-APR-2009 03:43:00	Straylight	49.000	81	Eta Cen	2.3560	28000.	98	37075	No

43	GOM_NL__2PRFIN20090403_034541_000000542077_00448_37075_4113.N1	03-APR-2009 03:45:41	Straylight	54.000	54	5The Cen	2.0550	4500.0	108	37075	No
44	GOM_NL__2PRFIN20090403_035102_000000512077_00448_37075_4114.N1	03-APR-2009 03:51:02	Tw_i_and_stray	50.500	169	46Gam Hya	2.9910	4700.0	101	37075	No
45	GOM_NL__2PRFIN20090403_035513_000000632077_00448_37075_4115.N1	03-APR-2009 03:55:13	Bright	62.500	15	67Alp Vir	0.97600	28000.	125	37075	No
46	GOM_NL__2PRFIN20090403_035825_000000432077_00448_37075_4116.N1	03-APR-2009 03:58:25	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	37075	No
47	GOM_NL__2PRFIN20090403_040253_000000472077_00448_37075_4117.N1	03-APR-2009 04:02:53	Bright	47.000	138	47Eps Vir	2.8280	4700.0	94	37075	No
48	GOM_NL__2PRFIN20090403_041126_000000422077_00448_37075_4118.N1	03-APR-2009 04:11:26	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	37075	No
49	GOM_NL__2PRFIN20090403_041611_000000412077_00448_37075_4119.N1	03-APR-2009 04:16:11	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	37075	No
50	GOM_NL__2PRFIN20090403_042513_000000472077_00448_37075_4120.N1	03-APR-2009 04:25:13	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	37075	No
51	GOM_NL__2PRFIN20090403_043659_000000462077_00448_37075_4121.N1	03-APR-2009 04:36:59	Bright	45.500	144	18Del Cyg	2.8600	11000.	91	37075	No
52	GOM_NL__2PRFIN20090403_043858_000000462077_00448_37075_4122.N1	03-APR-2009 04:38:58	Bright	46.000	66	37Gam Cyg	2.2080	5900.0	92	37075	No
53	GOM_NL__2PRFIN20090403_044103_000000532077_00448_37075_4123.N1	03-APR-2009 04:41:03	Bright	53.000	92	53Eps Cyg	2.5000	4500.0	106	37075	No
54	GOM_NL__2PRFIN20090403_045133_000000572077_00448_37075_4124.N1	03-APR-2009 04:51:33	Dark	57.000	11	53Alp Aql	0.76500	8000.0	114	37075	No
55	GOM_NL__2PRFIN20090403_050348_000000592077_00448_37075_4125.N1	03-APR-2009 05:03:48	Dark	58.500	155	41Pi Sgr	2.9000	6600.0	117	37075	No
56	GOM_NL__2PRFIN20090403_050600_000000592077_00448_37075_4126.N1	03-APR-2009 05:06:00	Dark	58.500	57	34Sig Sgr	2.0660	26000.	117	37075	No
57	GOM_NL__2PRFIN20090403_050932_000000552077_00449_37076_4130.N1	03-APR-2009 05:09:32	Dark	54.500	38	20Eps Sgr	1.8360	11000.	109	37076	No
58	GOM_NL__2PRFIN20090403_051346_000000562077_00449_37076_4131.N1	03-APR-2009 05:13:46	Dark	56.000	25	35Lam Sco	1.6200	28000.	112	37076	No
59	GOM_NL__2PRFIN20090403_052116_000000502077_00449_37076_4132.N1	03-APR-2009 05:21:16	Straylight	49.500	131	Gam Lup	2.8000	26000.	99	37076	No
60	GOM_NL__2PRFIN20090403_052337_000000482077_00449_37076_4133.N1	03-APR-2009 05:23:37	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	37076	No
61	GOM_NL__2PRFIN20090403_052618_000000522077_00449_37076_4134.N1	03-APR-2009 05:26:18	Straylight	52.000	54	5The Cen	2.0550	4500.0	104	37076	No
62	GOM_NL__2PRFIN20090403_053138_000000512077_00449_37076_4135.N1	03-APR-2009 05:31:38	Tw_i_and_stray	50.500	169	46Gam Hya	2.9910	4700.0	101	37076	No
63	GOM_NL__2PRFIN20090403_053549_000000662077_00449_37076_4136.N1	03-APR-2009 05:35:49	Bright	65.500	15	67Alp Vir	0.97600	28000.	131	37076	No
64	GOM_NL__2PRFIN20090403_053901_000000442077_00449_37076_4137.N1	03-APR-2009 05:39:01	Bright	44.000	121	29Gam Vir	2.7400	7200.0	88	37076	No
65	GOM_NL__2PRFIN20090403_054330_000000472077_00449_37076_4138.N1	03-APR-2009 05:43:30	Bright	46.500	138	47Eps Vir	2.8280	4700.0	93	37076	No
66	GOM_NL__2PRFIN20090403_055201_000000422077_00449_37076_4139.N1	03-APR-2009 05:52:01	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	37076	No
67	GOM_NL__2PRFIN20090403_055647_000000372077_00449_37076_4140.N1	03-APR-2009 05:56:47	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	37076	No
68	GOM_NL__2PRFIN20090403_060548_000000712077_00449_37076_4141.N1	03-APR-2009 06:05:48	Bright	70.500	119	14Eta Dra	2.7270	4700.0	141	37076	No
69	GOM_NL__2PRFIN20090403_061735_000000482077_00449_37076_4142.N1	03-APR-2009 06:17:35	Bright	48.000	144	18Del Cyg	2.8600	11000.	96	37076	No
70	GOM_NL__2PRFIN20090403_061934_000000452077_00449_37076_4143.N1	03-APR-2009 06:19:34	Bright	45.000	66	37Gam Cyg	2.2080	5900.0	90	37076	No
71	GOM_NL__2PRFIN20090403_062139_000000442077_00449_37076_4144.N1	03-APR-2009 06:21:39	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	37076	No
72	GOM_NL__2PRFIN20090403_063210_000000492077_00449_37076_4145.N1	03-APR-2009 06:32:10	Dark	49.000	11	53Alp Aql	0.76500	8000.0	98	37076	No
73	GOM_NL__2PRFIN20090403_064426_000000592077_00449_37076_4146.N1	03-APR-2009 06:44:26	Dark	58.500	155	41Pi Sgr	2.9000	6600.0	117	37076	No
74	GOM_NL__2PRFIN20090403_064638_000000572077_00449_37076_4147.N1	03-APR-2009 06:46:38	Dark	57.000	57	34Sig Sgr	2.0660	26000.	114	37076	No
75	GOM_NL__2PRFIN20090403_065009_000000542077_00450_37077_4144.N1	03-APR-2009 06:50:09	Dark	53.500	38	20Eps Sgr	1.8360	11000.	107	37077	No
76	GOM_NL__2PRFIN20090403_065423_000000572077_00450_37077_4145.N1	03-APR-2009 06:54:23	Dark	56.500	25	35Lam Sco	1.6200	28000.	113	37077	No
77	GOM_NL__2PRFIN20090403_070153_000000512077_00450_37077_4146.N1	03-APR-2009 07:01:53	Straylight	51.000	131	Gam Lup	2.8000	26000.	102	37077	No
78	GOM_NL__2PRFIN20090403_070414_000000482077_00450_37077_4147.N1	03-APR-2009 07:04:14	Straylight	48.000	81	Eta Cen	2.3560	28000.	96	37077	No
79	GOM_NL__2PRFIN20090403_070654_000000522077_00450_37077_4148.N1	03-APR-2009 07:06:54	Straylight	52.000	54	5The Cen	2.0550	4500.0	104	37077	No
80	GOM_NL__2PRFIN20090403_071215_000000502077_00450_37077_4149.N1	03-APR-2009 07:12:15	Tw_i_and_stray	49.500	169	46Gam Hya	2.9910	4700.0	99	37077	No
81	GOM_NL__2PRFIN20090403_071625_000000652077_00450_37077_4150.N1	03-APR-2009 07:16:25	Bright	65.000	15	67Alp Vir	0.97600	28000.	130	37077	No
82	GOM_NL__2PRFIN20090403_071937_000000422077_00450_37077_4151.N1	03-APR-2009 07:19:37	Bright	41.500	121	29Gam Vir	2.7400	7200.0	83	37077	No
83	GOM_NL__2PRFIN20090403_072404_000000482077_00450_37077_4152.N1	03-APR-2009 07:24:04	Bright	47.500	138	47Eps Vir	2.8280	4700.0	95	37077	No
84	GOM_NL__2PRFIN20090403_073237_000000442077_00450_37077_4153.N1	03-APR-2009 07:32:37	Bright	43.500	152	12Alp2CVn	2.8900	11000.	87	37077	No
85	GOM_NL__2PRFIN20090403_073722_000000402077_00450_37077_4154.N1	03-APR-2009 07:37:22	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	37077	No
86	GOM_NL__2PRFIN20090403_074623_000000472077_00450_37077_4155.N1	03-APR-2009 07:46:23	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	37077	No
87	GOM_NL__2PRFIN20090403_075811_000000462077_00450_37077_4156.N1	03-APR-2009 07:58:11	Bright	45.500	144	18Del Cyg	2.8600	11000.	91	37077	No
88	GOM_NL__2PRFIN20090403_080010_000000452077_00450_37077_4157.N1	03-APR-2009 08:00:10	Bright	44.500	66	37Gam Cyg	2.2080	5900.0	89	37077	No
89	GOM_NL__2PRFIN20090403_080215_000000442077_00450_37077_4158.N1	03-APR-2009 08:02:15	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	37077	No
90	GOM_NL__2PRFIN20090403_081247_000000492077_00450_37077_4159.N1	03-APR-2009 08:12:47	Dark	49.000	11	53Alp Aql	0.76500	8000.0	98	37077	No
91	GOM_NL__2PRFIN20090403_082503_000000602077_00450_37077_4160.N1	03-APR-2009 08:25:03	Dark	60.000	155	41Pi Sgr	2.9000	6600.0	120	37077	No
92	GOM_NL__2PRFIN20090403_082715_000000562077_00450_37077_4161.N1	03-APR-2009 08:27:15	Dark	56.000	57	34Sig Sgr	2.0660	26000.	112	37077	No
93	GOM_NL__2PRFIN20090403_083047_000000562077_00451_37078_4158.N1	03-APR-2009 08:30:47	Dark	56.000	38	20Eps Sgr	1.8360	11000.	112	37078	No
94	GOM_NL__2PRFIN20090403_083501_000000612077_00451_37078_4159.N1	03-APR-2009 08:35:01	Dark	61.000	25	35Lam Sco	1.6200	28000.	122	37078	No
95	GOM_NL__2PRFIN20090403_084230_000000502077_00451_37078_4160.N1	03-APR-2009 08:42:30	Straylight	50.000	131	Gam Lup	2.8000	26000.	100	37078	No
96	GOM_NL__2PRFIN20090403_084450_000000482077_00451_37078_4161.N1	03-APR-2009 08:44:50	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	37078	No
97	GOM_NL__2PRFIN20090403_084730_000000512077_00451_37078_4162.N1	03-APR-2009 08:47:30	Straylight	51.000	54	5The Cen	2.0550	4500.0	102	37078	No
98	GOM_NL__2PRFIN20090403_085251_000000492077_00451_37078_4163.N1	03-APR-2009 08:52:51	Tw_i_and_stray	49.000	169	46Gam Hya	2.9910	4700.0	98	37078	No
99	GOM_NL__2PRFIN20090403_085701_000000682077_00451_37078_4164.N1	03-APR-2009 08:57:01	Bright	67.500	15	67Alp Vir	0.97600	28000.	135	37078	No
100	GOM_NL__2PRFIN20090403_090012_000000432077_00451_37078_4165.N1	03-APR-2009 09:00:12	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	37078	No
101	GOM_NL__2PRFIN20090403_090440_000000472077_00451_37078_4166.N1	03-APR-2009 09:04:40	Bright	46.500	138	47Eps Vir	2.8280	4700.0	93	37078	No

102	GOM_NL__2PRFIN20090403_091312_000000422077_00451_37078_4167.N1	03-APR-2009 09:13:12	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	37078	No
103	GOM_NL__2PRFIN20090403_091758_000000412077_00451_37078_4168.N1	03-APR-2009 09:17:58	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	37078	No
104	GOM_NL__2PRFIN20090403_092659_000000712077_00451_37078_4169.N1	03-APR-2009 09:26:59	Bright	71.000	119	14Eta Dra	2.7270	4700.0	142	37078	No
105	GOM_NL__2PRFIN20090403_093847_000000472077_00451_37078_4170.N1	03-APR-2009 09:38:47	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	37078	No
106	GOM_NL__2PRFIN20090403_094046_000000512077_00451_37078_4171.N1	03-APR-2009 09:40:46	Bright	50.500	66	37Gam Cyg	2.2080	5900.0	101	37078	No
107	GOM_NL__2PRFIN20090403_094251_000000442077_00451_37078_4172.N1	03-APR-2009 09:42:51	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	37078	No
108	GOM_NL__2PRFIN20090403_095324_000000442077_00451_37078_4173.N1	03-APR-2009 09:53:24	Dark	44.000	11	53Alp Aql	0.76500	8000.0	88	37078	No
109	GOM_NL__2PRFIN20090403_100540_000000592077_00451_37078_4174.N1	03-APR-2009 10:05:40	Dark	59.000	155	41Pi Sgr	2.9000	6600.0	118	37078	No
110	GOM_NL__2PRFIN20090403_100752_000000562077_00451_37078_4175.N1	03-APR-2009 10:07:52	Dark	56.000	57	34Sig Sgr	2.0660	26000.	112	37078	No
111	GOM_NL__2PRFIN20090403_115201_000000562077_00453_37080_4185.N1	03-APR-2009 11:52:01	Dark	56.000	38	20Eps Sgr	1.8360	11000.	112	37080	No
112	GOM_NL__2PRFIN20090403_115615_000000602077_00453_37080_4186.N1	03-APR-2009 11:56:15	Dark	59.500	25	35Lam Sco	1.6200	28000.	119	37080	No
113	GOM_NL__2PRFIN20090403_120343_000000502077_00453_37080_4187.N1	03-APR-2009 12:03:43	Straylight	50.000	131	Gam Lup	2.8000	26000.	100	37080	No
114	GOM_NL__2PRFIN20090403_120603_000000442077_00453_37080_4188.N1	03-APR-2009 12:06:03	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	37080	No
115	GOM_NL__2PRFIN20090403_120843_000000442077_00453_37080_4189.N1	03-APR-2009 12:08:43	Straylight	43.500	54	5The Cen	2.0550	4500.0	87	37080	No
116	GOM_NL__2PRFIN20090403_121403_000000422077_00453_37080_4190.N1	03-APR-2009 12:14:03	Twi_and_stray	41.500	169	46Gam Hya	2.9910	4700.0	83	37080	No
117	GOM_NL__2PRFIN20090403_121812_000000462077_00453_37080_4191.N1	03-APR-2009 12:18:12	Bright	46.000	15	67Alp Vir	0.97600	28000.	92	37080	No
118	GOM_NL__2PRFIN20090403_122124_000000422077_00453_37080_4192.N1	03-APR-2009 12:21:24	Bright	41.500	121	29Gam Vir	2.7400	7200.0	83	37080	No
119	GOM_NL__2PRFIN20090403_122551_000000472077_00453_37080_4193.N1	03-APR-2009 12:25:51	Bright	46.500	138	47Eps Vir	2.8280	4700.0	93	37080	No
120	GOM_NL__2PRFIN20090403_123423_000000422077_00453_37080_4194.N1	03-APR-2009 12:34:23	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	37080	No
121	GOM_NL__2PRFIN20090403_123909_000000422077_00453_37080_4195.N1	03-APR-2009 12:39:09	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	37080	No
122	GOM_NL__2PRFIN20090403_124809_000000452077_00453_37080_4196.N1	03-APR-2009 12:48:09	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	37080	No
123	GOM_NL__2PRFIN20090403_125958_000000402077_00453_37080_4197.N1	03-APR-2009 12:59:58	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	37080	No
124	GOM_NL__2PRFIN20090403_130157_000000372077_00453_37080_4198.N1	03-APR-2009 13:01:57	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	37080	No
125	GOM_NL__2PRFIN20090403_130403_000000362077_00453_37080_4199.N1	03-APR-2009 13:04:03	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	37080	No
126	GOM_NL__2PRFIN20090403_131437_000000322077_00453_37080_4200.N1	03-APR-2009 13:14:37	Dark	32.000	11	53Alp Aql	0.76500	8000.0	64	37080	No
127	GOM_NL__2PRFIN20090403_132655_000000582077_00453_37080_4201.N1	03-APR-2009 13:26:55	Dark	58.000	155	41Pi Sgr	2.9000	6600.0	116	37080	No
128	GOM_NL__2PRFIN20090403_132907_000000552077_00453_37080_4202.N1	03-APR-2009 13:29:07	Dark	54.500	57	34Sig Sgr	2.0660	26000.	109	37080	No
129	GOM_NL__2PRFIN20090403_133239_000000562077_00454_37081_4199.N1	03-APR-2009 13:32:39	Dark	55.500	38	20Eps Sgr	1.8360	11000.	111	37081	No
130	GOM_NL__2PRFIN20090403_133653_000000712077_00454_37081_4200.N1	03-APR-2009 13:36:53	Dark	71.000	25	35Lam Sco	1.6200	28000.	142	37081	No
131	GOM_NL__2PRFIN20090403_134420_000000522077_00454_37081_4201.N1	03-APR-2009 13:44:20	Straylight	51.500	131	Gam Lup	2.8000	26000.	103	37081	No
132	GOM_NL__2PRFIN20090403_134640_000000462077_00454_37081_4202.N1	03-APR-2009 13:46:40	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	37081	No
133	GOM_NL__2PRFIN20090403_134919_000000532077_00454_37081_4203.N1	03-APR-2009 13:49:19	Straylight	52.500	54	5The Cen	2.0550	4500.0	105	37081	No
134	GOM_NL__2PRFIN20090403_135439_000000502077_00454_37081_4204.N1	03-APR-2009 13:54:39	Twi_and_stray	49.500	169	46Gam Hya	2.9910	4700.0	99	37081	No
135	GOM_NL__2PRFIN20090403_135848_000000652077_00454_37081_4205.N1	03-APR-2009 13:58:48	Bright	65.000	15	67Alp Vir	0.97600	28000.	130	37081	No
136	GOM_NL__2PRFIN20090403_140200_000000432077_00454_37081_4206.N1	03-APR-2009 14:02:00	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	37081	No
137	GOM_NL__2PRFIN20090403_140626_000000472077_00454_37081_4207.N1	03-APR-2009 14:06:26	Bright	46.500	138	47Eps Vir	2.8280	4700.0	93	37081	No
138	GOM_NL__2PRFIN20090403_141458_000000632077_00454_37081_4208.N1	03-APR-2009 14:14:58	Bright	63.000	152	12Alp2CVn	2.8900	11000.	126	37081	No
139	GOM_NL__2PRFIN20090403_141944_000000402077_00454_37081_4209.N1	03-APR-2009 14:19:44	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	37081	No
140	GOM_NL__2PRFIN20090403_142844_000000522077_00454_37081_4210.N1	03-APR-2009 14:28:44	Bright	51.500	119	14Eta Dra	2.7270	4700.0	103	37081	No
141	GOM_NL__2PRFIN20090403_144034_000000422077_00454_37081_4211.N1	03-APR-2009 14:40:34	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	37081	No
142	GOM_NL__2PRFIN20090403_144233_000000392077_00454_37081_4212.N1	03-APR-2009 14:42:33	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	37081	No
143	GOM_NL__2PRFIN20090403_144439_000000432077_00454_37081_4213.N1	03-APR-2009 14:44:39	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	37081	No
144	GOM_NL__2PRFIN20090403_145514_000000322077_00454_37081_4214.N1	03-APR-2009 14:55:14	Dark	32.000	11	53Alp Aql	0.76500	8000.0	64	37081	No
145	GOM_NL__2PRFIN20090403_150733_000000592077_00454_37081_4215.N1	03-APR-2009 15:07:33	Dark	59.000	155	41Pi Sgr	2.9000	6600.0	118	37081	No
146	GOM_NL__2PRFIN20090403_150944_000000572077_00454_37081_4216.N1	03-APR-2009 15:09:44	Dark	57.000	57	34Sig Sgr	2.0660	26000.	114	37081	No
147	GOM_NL__2PRFIN20090403_151316_000000552077_00455_37082_4213.N1	03-APR-2009 15:13:16	Dark	55.000	38	20Eps Sgr	1.8360	11000.	110	37082	No
148	GOM_NL__2PRFIN20090403_151730_000000582077_00455_37082_4214.N1	03-APR-2009 15:17:30	Dark	58.000	25	35Lam Sco	1.6200	28000.	116	37082	No
149	GOM_NL__2PRFIN20090403_152457_000000512077_00455_37082_4215.N1	03-APR-2009 15:24:57	Straylight	50.500	131	Gam Lup	2.8000	26000.	101	37082	No
150	GOM_NL__2PRFIN20090403_152716_000000492077_00455_37082_4216.N1	03-APR-2009 15:27:16	Straylight	49.000	81	Eta Cen	2.3560	28000.	98	37082	No
151	GOM_NL__2PRFIN20090403_152956_000000512077_00455_37082_4217.N1	03-APR-2009 15:29:56	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	37082	No
152	GOM_NL__2PRFIN20090403_153515_000000492077_00455_37082_4218.N1	03-APR-2009 15:35:15	Twi_and_stray	48.500	169	46Gam Hya	2.9910	4700.0	97	37082	No
153	GOM_NL__2PRFIN20090403_153924_000000682077_00455_37082_4219.N1	03-APR-2009 15:39:24	Bright	67.500	15	67Alp Vir	0.97600	28000.	135	37082	No
154	GOM_NL__2PRFIN20090403_154236_000000432077_00455_37082_4220.N1	03-APR-2009 15:42:36	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	37082	No
155	GOM_NL__2PRFIN20090403_154702_000000462077_00455_37082_4221.N1	03-APR-2009 15:47:02	Bright	46.000	138	47Eps Vir	2.8280	4700.0	92	37082	No
156	GOM_NL__2PRFIN20090403_155534_000000402077_00455_37082_4222.N1	03-APR-2009 15:55:34	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	37082	No
157	GOM_NL__2PRFIN20090403_160019_000000412077_00455_37082_4223.N1	03-APR-2009 16:00:19	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	37082	No
158	GOM_NL__2PRFIN20090403_160919_000000472077_00455_37082_4224.N1	03-APR-2009 16:09:19	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	37082	No
159	GOM_NL__2PRFIN20090403_162110_000000472077_00455_37082_4225.N1	03-APR-2009 16:21:10	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	37082	No
160	GOM_NL__2PRFIN20090403_162309_000000452077_00455_37082_4226.N1	03-APR-2009 16:23:09	Bright	45.000	66	37Gam Cyg	2.2080	5900.0	90	37082	No

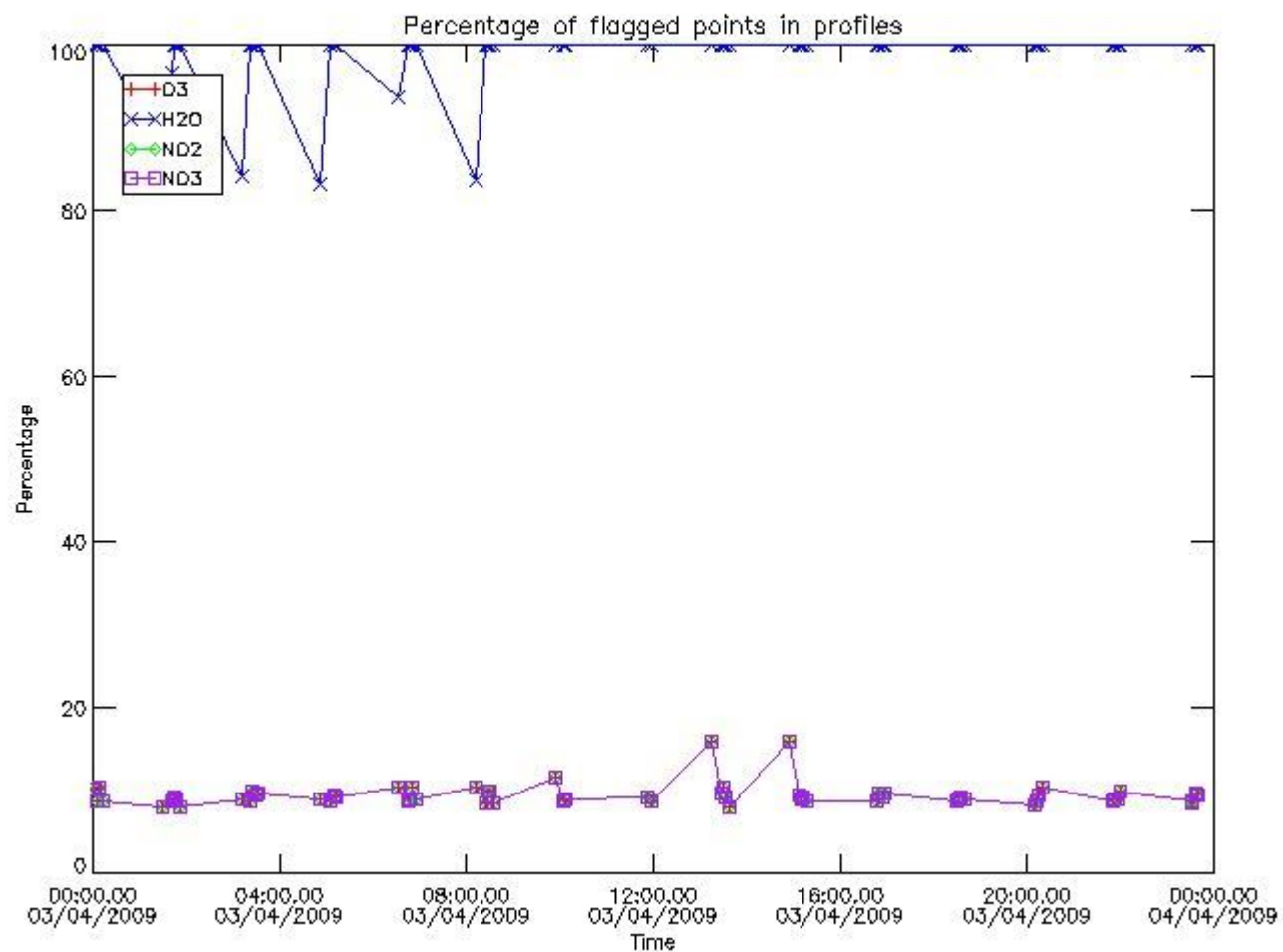
161	GOM_NL__2PRFIN20090403_162515_000000462077_00455_37082_4227.N1	03-APR-2009 16:25:15	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	37082	No
162	GOM_NL__2PRFIN20090403_164810_000000592077_00455_37082_4228.N1	03-APR-2009 16:48:10	Dark	58.500	155	41Pi Sgr	2.9000	6600.0	117	37082	No
163	GOM_NL__2PRFIN20090403_165022_000000592077_00455_37082_4229.N1	03-APR-2009 16:50:22	Dark	58.500	57	34Sig Sgr	2.0660	26000.	117	37082	No
164	GOM_NL__2PRFIN20090403_165353_000000562077_00456_37083_4249.N1	03-APR-2009 16:53:53	Dark	55.500	38	20Eps Sgr	1.8360	11000.	111	37083	No
165	GOM_NL__2PRFIN20090403_165807_000000582077_00456_37083_4250.N1	03-APR-2009 16:58:07	Dark	57.500	25	35Lam Sco	1.6200	28000.	115	37083	No
166	GOM_NL__2PRFIN20090403_170533_000000522077_00456_37083_4251.N1	03-APR-2009 17:05:33	Straylight	51.500	131	Gam Lup	2.8000	26000.	103	37083	No
167	GOM_NL__2PRFIN20090403_170752_000000472077_00456_37083_4252.N1	03-APR-2009 17:07:52	Straylight	47.000	81	Eta Cen	2.3560	28000.	94	37083	No
168	GOM_NL__2PRFIN20090403_171032_000000542077_00456_37083_4253.N1	03-APR-2009 17:10:32	Straylight	54.000	54	5The Cen	2.0550	4500.0	108	37083	No
169	GOM_NL__2PRFIN20090403_171551_000000492077_00456_37083_4254.N1	03-APR-2009 17:15:51	Tw_i_and_stray	49.000	169	46Gam Hya	2.9910	4700.0	98	37083	No
170	GOM_NL__2PRFIN20090403_172000_000000682077_00456_37083_4255.N1	03-APR-2009 17:20:00	Bright	68.000	15	67Alp Vir	0.97600	28000.	136	37083	No
171	GOM_NL__2PRFIN20090403_172311_000000432077_00456_37083_4256.N1	03-APR-2009 17:23:11	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	37083	No
172	GOM_NL__2PRFIN20090403_172737_000000472077_00456_37083_4257.N1	03-APR-2009 17:27:37	Bright	46.500	138	47Eps Vir	2.8280	4700.0	93	37083	No
173	GOM_NL__2PRFIN20090403_173609_000000452077_00456_37083_4258.N1	03-APR-2009 17:36:09	Bright	45.000	152	12Alp2CVn	2.8900	11000.	90	37083	No
174	GOM_NL__2PRFIN20090403_174055_000000592077_00456_37083_4259.N1	03-APR-2009 17:40:55	Bright	59.000	32	77Eps UMa	1.7630	11000.	118	37083	No
175	GOM_NL__2PRFIN20090403_174955_000000472077_00456_37083_4260.N1	03-APR-2009 17:49:55	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	37083	No
176	GOM_NL__2PRFIN20090403_180146_000000482077_00456_37083_4261.N1	03-APR-2009 18:01:46	Bright	48.000	144	18Del Cyg	2.8600	11000.	96	37083	No
177	GOM_NL__2PRFIN20090403_180345_000000442077_00456_37083_4262.N1	03-APR-2009 18:03:45	Bright	44.000	66	37Gam Cyg	2.2080	5900.0	88	37083	No
178	GOM_NL__2PRFIN20090403_180551_000000442077_00456_37083_4263.N1	03-APR-2009 18:05:51	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	37083	No
179	GOM_NL__2PRFIN20090403_182847_000000592077_00456_37083_4264.N1	03-APR-2009 18:28:47	Dark	59.000	155	41Pi Sgr	2.9000	6600.0	118	37083	No
180	GOM_NL__2PRFIN20090403_183059_000000582077_00456_37083_4265.N1	03-APR-2009 18:30:59	Dark	57.500	57	34Sig Sgr	2.0660	26000.	115	37083	No
181	GOM_NL__2PRFIN20090403_183431_000000562077_00457_37084_4267.N1	03-APR-2009 18:34:31	Dark	56.000	38	20Eps Sgr	1.8360	11000.	112	37084	No
182	GOM_NL__2PRFIN20090403_183844_000000572077_00457_37084_4268.N1	03-APR-2009 18:38:44	Dark	57.000	25	35Lam Sco	1.6200	28000.	114	37084	No
183	GOM_NL__2PRFIN20090403_184610_000000512077_00457_37084_4269.N1	03-APR-2009 18:46:10	Straylight	51.000	131	Gam Lup	2.8000	26000.	102	37084	No
184	GOM_NL__2PRFIN20090403_184829_000000462077_00457_37084_4270.N1	03-APR-2009 18:48:29	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	37084	No
185	GOM_NL__2PRFIN20090403_185109_000000542077_00457_37084_4271.N1	03-APR-2009 18:51:09	Straylight	53.500	54	5The Cen	2.0550	4500.0	107	37084	No
186	GOM_NL__2PRFIN20090403_185628_000000492077_00457_37084_4272.N1	03-APR-2009 18:56:28	Tw_i_and_stray	49.000	169	46Gam Hya	2.9910	4700.0	98	37084	No
187	GOM_NL__2PRFIN20090403_190036_000000672077_00457_37084_4273.N1	03-APR-2009 19:00:36	Bright	67.000	15	67Alp Vir	0.97600	28000.	134	37084	No
188	GOM_NL__2PRFIN20090403_190348_000000432077_00457_37084_4274.N1	03-APR-2009 19:03:48	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	37084	No
189	GOM_NL__2PRFIN20090403_190813_000000472077_00457_37084_4275.N1	03-APR-2009 19:08:13	Bright	46.500	138	47Eps Vir	2.8280	4700.0	93	37084	No
190	GOM_NL__2PRFIN20090403_191644_000000422077_00457_37084_4276.N1	03-APR-2009 19:16:44	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	37084	No
191	GOM_NL__2PRFIN20090403_192131_000000412077_00457_37084_4277.N1	03-APR-2009 19:21:31	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	37084	No
192	GOM_NL__2PRFIN20090403_193030_000000712077_00457_37084_4278.N1	03-APR-2009 19:30:30	Bright	71.000	119	14Eta Dra	2.7270	4700.0	142	37084	No
193	GOM_NL__2PRFIN20090403_194221_000000452077_00457_37084_4279.N1	03-APR-2009 19:42:21	Bright	45.000	144	18Del Cyg	2.8600	11000.	90	37084	No
194	GOM_NL__2PRFIN20090403_194421_000000452077_00457_37084_4280.N1	03-APR-2009 19:44:21	Bright	44.500	66	37Gam Cyg	2.2080	5900.0	89	37084	No
195	GOM_NL__2PRFIN20090403_194627_000000522077_00457_37084_4281.N1	03-APR-2009 19:46:27	Bright	51.500	92	53Eps Cyg	2.5000	4500.0	103	37084	No
196	GOM_NL__2PRFIN20090403_200925_000000622077_00457_37084_4282.N1	03-APR-2009 20:09:25	Dark	61.500	155	41Pi Sgr	2.9000	6600.0	123	37084	No
197	GOM_NL__2PRFIN20090403_201137_000000592077_00457_37084_4283.N1	03-APR-2009 20:11:37	Dark	59.000	57	34Sig Sgr	2.0660	26000.	118	37084	No
198	GOM_NL__2PRFIN20090403_201508_000000542077_00458_37085_4281.N1	03-APR-2009 20:15:08	Dark	54.000	38	20Eps Sgr	1.8360	11000.	108	37085	No
199	GOM_NL__2PRFIN20090403_201922_000000602077_00458_37085_4282.N1	03-APR-2009 20:19:22	Dark	59.500	25	35Lam Sco	1.6200	28000.	119	37085	No
200	GOM_NL__2PRFIN20090403_202647_000000512077_00458_37085_4283.N1	03-APR-2009 20:26:47	Straylight	51.000	131	Gam Lup	2.8000	26000.	102	37085	No
201	GOM_NL__2PRFIN20090403_202906_000000492077_00458_37085_4284.N1	03-APR-2009 20:29:06	Straylight	48.500	81	Eta Cen	2.3560	28000.	97	37085	No
202	GOM_NL__2PRFIN20090403_203145_000000522077_00458_37085_4285.N1	03-APR-2009 20:31:45	Straylight	52.000	54	5The Cen	2.0550	4500.0	104	37085	No
203	GOM_NL__2PRFIN20090403_203704_000000492077_00458_37085_4286.N1	03-APR-2009 20:37:04	Tw_i_and_stray	49.000	169	46Gam Hya	2.9910	4700.0	98	37085	No
204	GOM_NL__2PRFIN20090403_204112_000000622077_00458_37085_4287.N1	03-APR-2009 20:41:12	Bright	62.000	15	67Alp Vir	0.97600	28000.	124	37085	No
205	GOM_NL__2PRFIN20090403_204423_000000432077_00458_37085_4288.N1	03-APR-2009 20:44:23	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	37085	No
206	GOM_NL__2PRFIN20090403_204849_000000472077_00458_37085_4289.N1	03-APR-2009 20:48:49	Bright	46.500	138	47Eps Vir	2.8280	4700.0	93	37085	No
207	GOM_NL__2PRFIN20090403_205720_000000402077_00458_37085_4290.N1	03-APR-2009 20:57:20	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	37085	No
208	GOM_NL__2PRFIN20090403_210206_000000432077_00458_37085_4291.N1	03-APR-2009 21:02:06	Bright	42.500	32	77Eps UMa	1.7630	11000.	85	37085	No
209	GOM_NL__2PRFIN20090403_211105_000000442077_00458_37085_4292.N1	03-APR-2009 21:11:05	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	37085	No
210	GOM_NL__2PRFIN20090403_212257_000000662077_00458_37085_4293.N1	03-APR-2009 21:22:57	Bright	66.000	144	18Del Cyg	2.8600	11000.	132	37085	No
211	GOM_NL__2PRFIN20090403_212457_000000452077_00458_37085_4294.N1	03-APR-2009 21:24:57	Bright	45.000	66	37Gam Cyg	2.2080	5900.0	90	37085	No
212	GOM_NL__2PRFIN20090403_212703_000000392077_00458_37085_4295.N1	03-APR-2009 21:27:03	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	37085	No
213	GOM_NL__2PRFIN20090403_215002_000000582077_00458_37085_4296.N1	03-APR-2009 21:50:02	Dark	58.000	155	41Pi Sgr	2.9000	6600.0	116	37085	No
214	GOM_NL__2PRFIN20090403_215214_000000572077_00458_37085_4297.N1	03-APR-2009 21:52:14	Dark	57.000	57	34Sig Sgr	2.0660	26000.	114	37085	No
215	GOM_NL__2PRFIN20090403_215545_000000572077_00459_37086_4295.N1	03-APR-2009 21:55:45	Dark	57.000	38	20Eps Sgr	1.8360	11000.	114	37086	No
216	GOM_NL__2PRFIN20090403_215959_000000572077_00459_37086_4296.N1	03-APR-2009 21:59:59	Dark	56.500	25	35Lam Sco	1.6200	28000.	113	37086	No
217	GOM_NL__2PRFIN20090403_220724_000000482077_00459_37086_4297.N1	03-APR-2009 22:07:24	Straylight	48.000	131	Gam Lup	2.8000	26000.	96	37086	No
218	GOM_NL__2PRFIN20090403_220942_000000502077_00459_37086_4298.N1	03-APR-2009 22:09:42	Straylight	50.000	81	Eta Cen	2.3560	28000.	100	37086	No
219	GOM_NL__2PRFIN20090403_221222_000000512077_00459_37086_4299.N1	03-APR-2009 22:12:22	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	37086	No

220	GOM_NL__2PRFIN20090403_221740_000000482077_00459_37086_4300.N1	03-APR-2009 22:17:40	Twilight	48.000	169	46Gam Hya	2.9910	4700.0	96	37086	No
221	GOM_NL__2PRFIN20090403_222148_000000672077_00459_37086_4301.N1	03-APR-2009 22:21:48	Bright	67.000	15	67Alp Vir	0.97600	28000.	134	37086	No
222	GOM_NL__2PRFIN20090403_222459_000000422077_00459_37086_4302.N1	03-APR-2009 22:24:59	Bright	42.000	121	29Gam Vir	2.7400	7200.0	84	37086	No
223	GOM_NL__2PRFIN20090403_222924_000000472077_00459_37086_4303.N1	03-APR-2009 22:29:24	Bright	46.500	138	47Eps Vir	2.8280	4700.0	93	37086	No
224	GOM_NL__2PRFIN20090403_223755_000000632077_00459_37086_4304.N1	03-APR-2009 22:37:55	Bright	63.000	152	12Alp2CVn	2.8900	11000.	126	37086	No
225	GOM_NL__2PRFIN20090403_224242_000000412077_00459_37086_4305.N1	03-APR-2009 22:42:42	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	37086	No
226	GOM_NL__2PRFIN20090403_225140_000000472077_00459_37086_4306.N1	03-APR-2009 22:51:40	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	37086	No
227	GOM_NL__2PRFIN20090403_230333_000000462077_00459_37086_4307.N1	03-APR-2009 23:03:33	Bright	46.000	144	18Del Cyg	2.8600	11000.	92	37086	No
228	GOM_NL__2PRFIN20090403_230533_000000462077_00459_37086_4308.N1	03-APR-2009 23:05:33	Bright	46.000	66	37Gam Cyg	2.2080	5900.0	92	37086	No
229	GOM_NL__2PRFIN20090403_230739_000000452077_00459_37086_4309.N1	03-APR-2009 23:07:39	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	37086	No
230	GOM_NL__2PRFIN20090403_233039_000000602077_00459_37086_4310.N1	03-APR-2009 23:30:39	Dark	59.500	155	41Pi Sgr	2.9000	6600.0	119	37086	No
231	GOM_NL__2PRFIN20090403_233251_000000612077_00459_37086_4311.N1	03-APR-2009 23:32:51	Dark	61.000	57	34Sig Sgr	2.0660	26000.	122	37086	No
232	GOM_NL__2PRFIN20090403_233622_000000532077_00460_37087_4318.N1	03-APR-2009 23:36:22	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37087	No
233	GOM_NL__2PRFIN20090403_234036_000000602077_00460_37087_4319.N1	03-APR-2009 23:40:36	Dark	59.500	25	35Lam Sco	1.6200	28000.	119	37087	No
234	GOM_NL__2PRFIN20090403_234801_000000532077_00460_37087_4320.N1	03-APR-2009 23:48:01	Straylight	52.500	131	Gam Lup	2.8000	26000.	105	37087	No
235	GOM_NL__2PRFIN20090403_235019_000000482077_00460_37087_4321.N1	03-APR-2009 23:50:19	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	37087	No
236	GOM_NL__2PRFIN20090403_235258_000000532077_00460_37087_4322.N1	03-APR-2009 23:52:58	Straylight	52.500	54	5The Cen	2.0550	4500.0	105	37087	No
237	GOM_NL__2PRFIN20090403_235816_000000482077_00460_37087_4323.N1	03-APR-2009 23:58:16	Twilight	47.500	169	46Gam Hya	2.9910	4700.0	95	37087	No

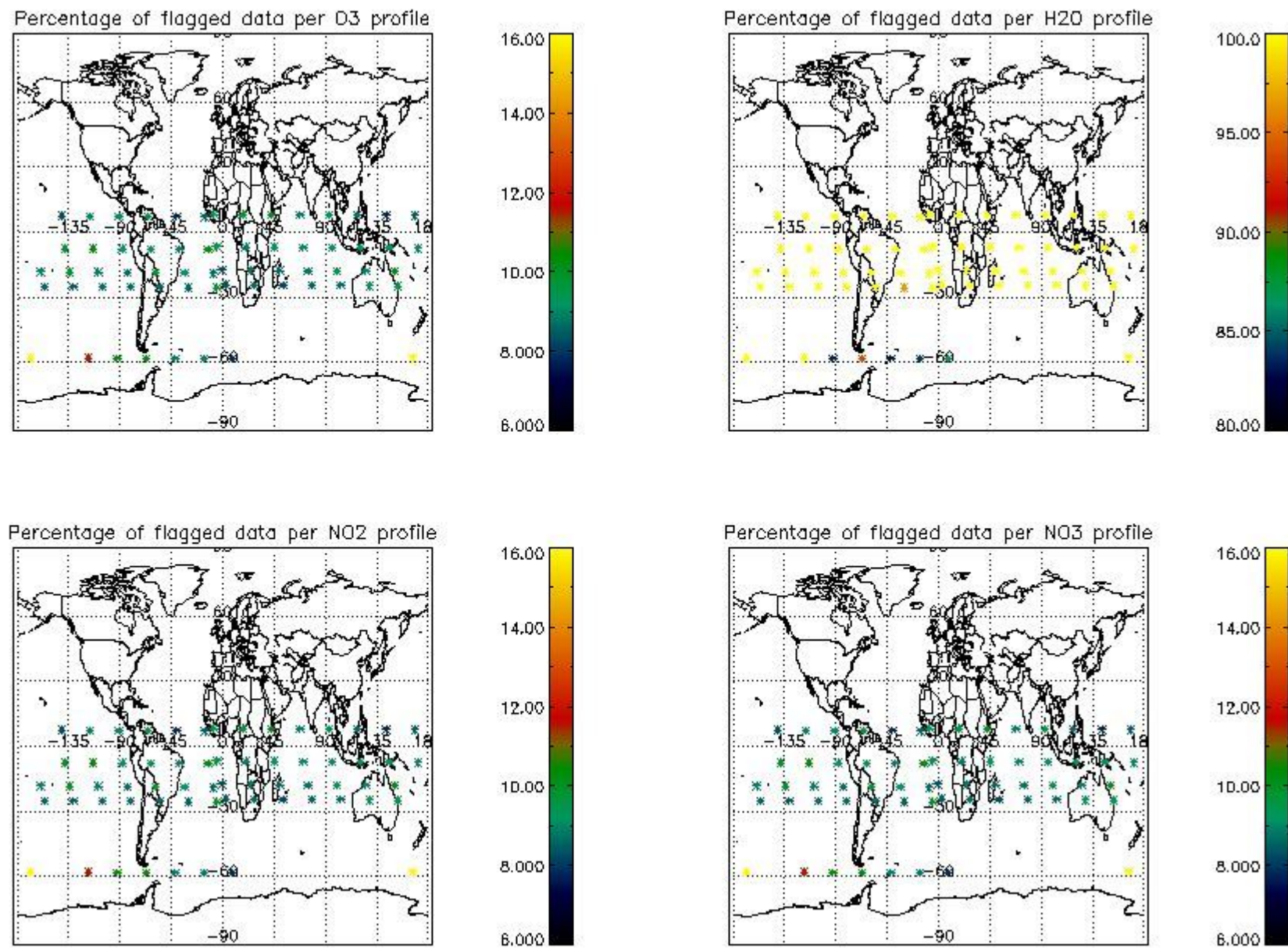
3. Quality information per product

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

3.1 Plot quality information per product (time dependant)



3.2 Plot quality information per product (world map)

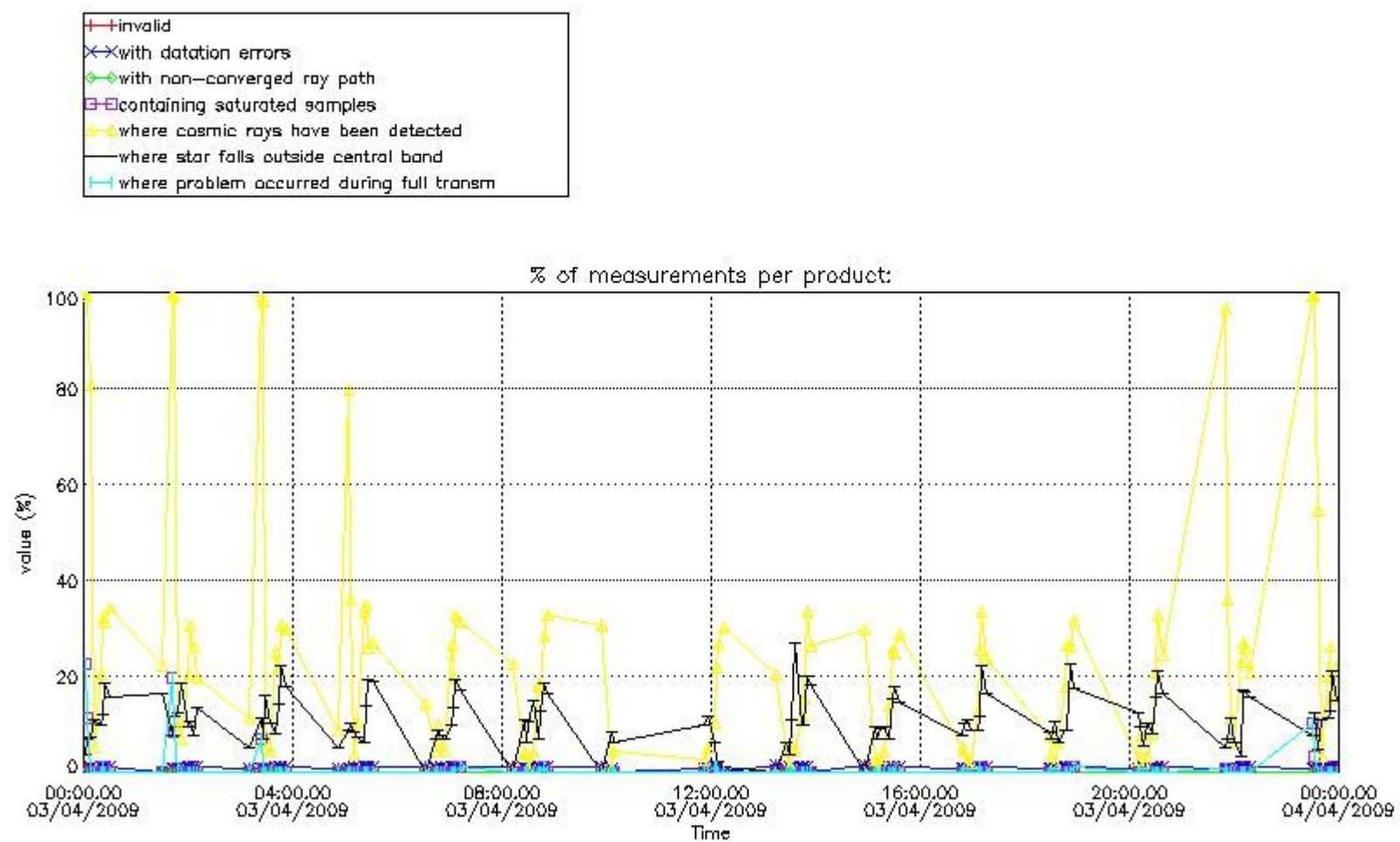


4. Level 1 quality information per product

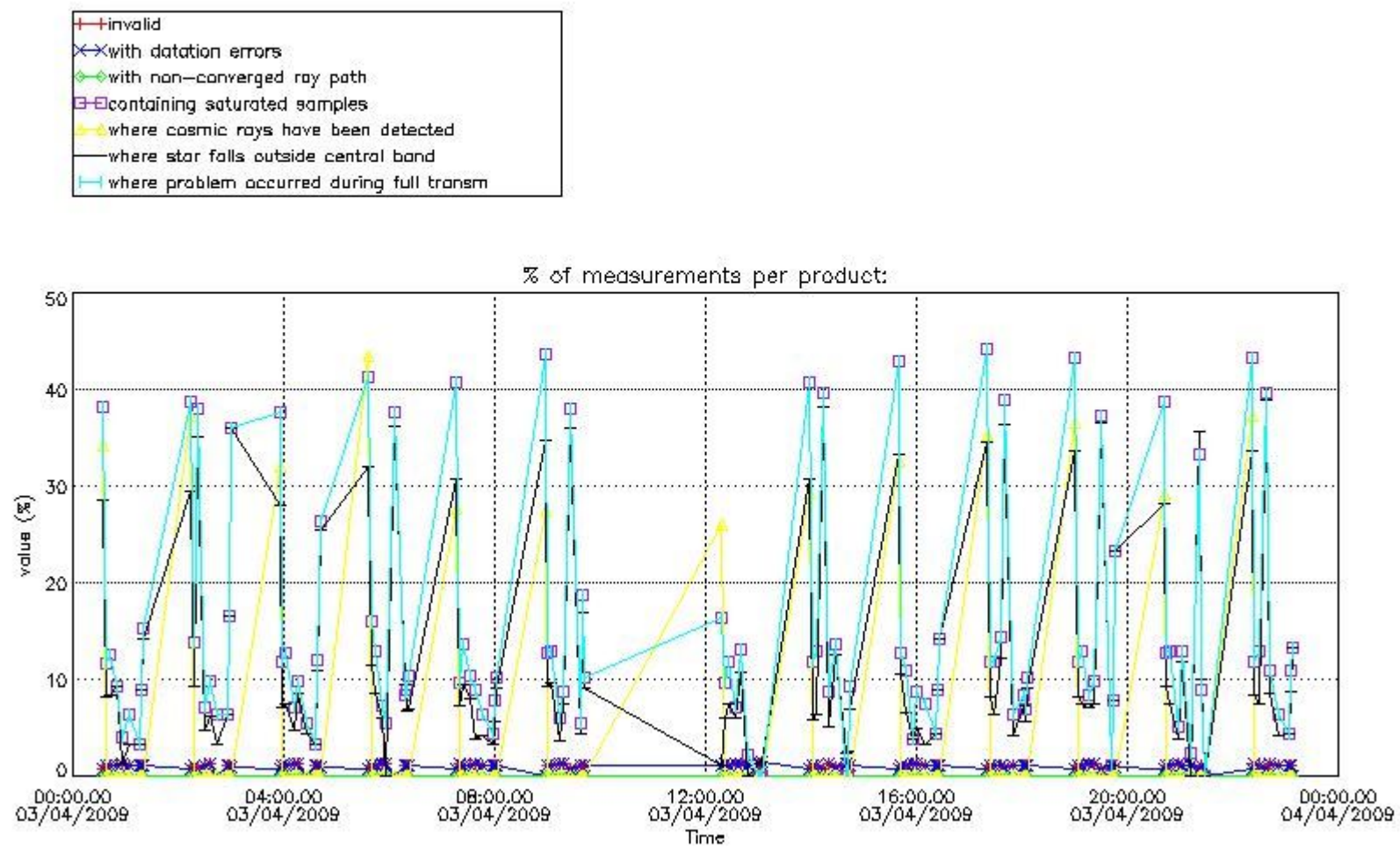
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

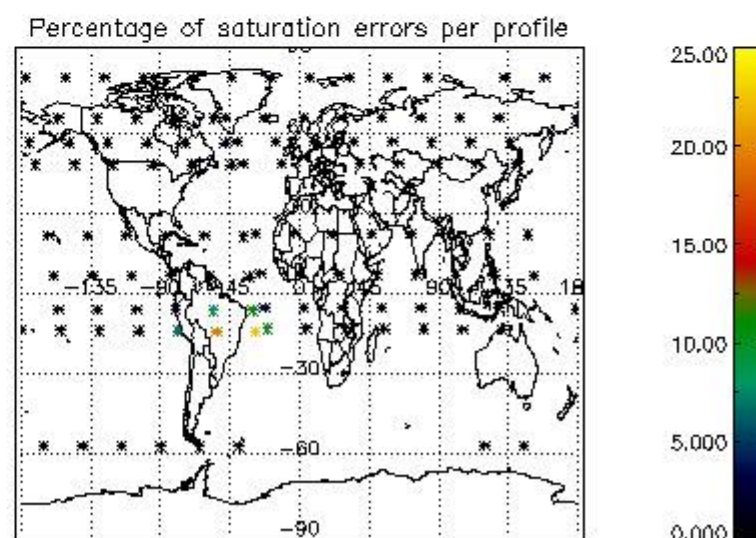
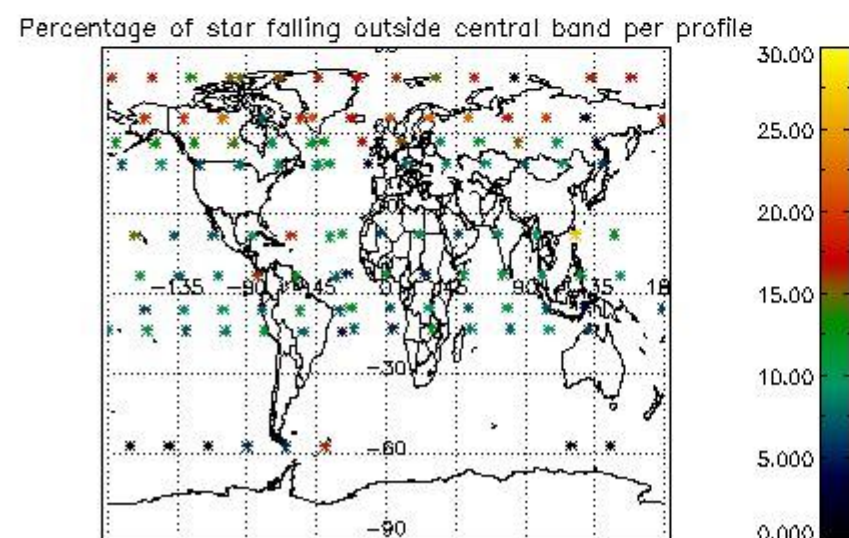
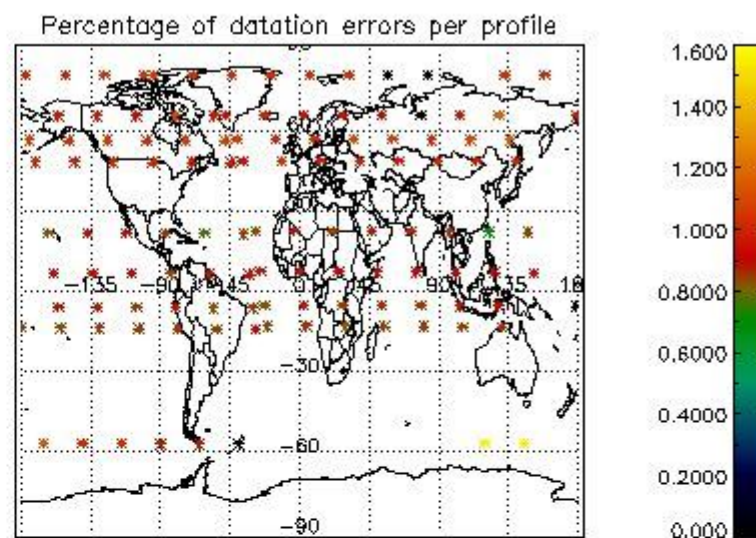
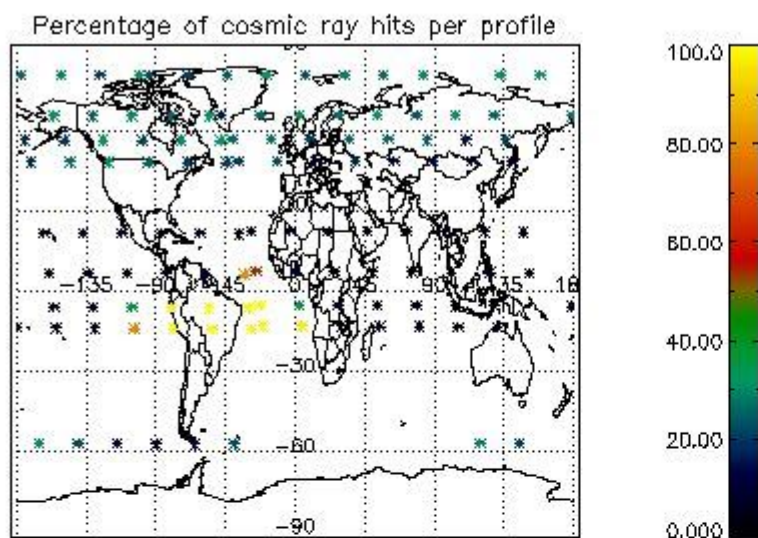


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

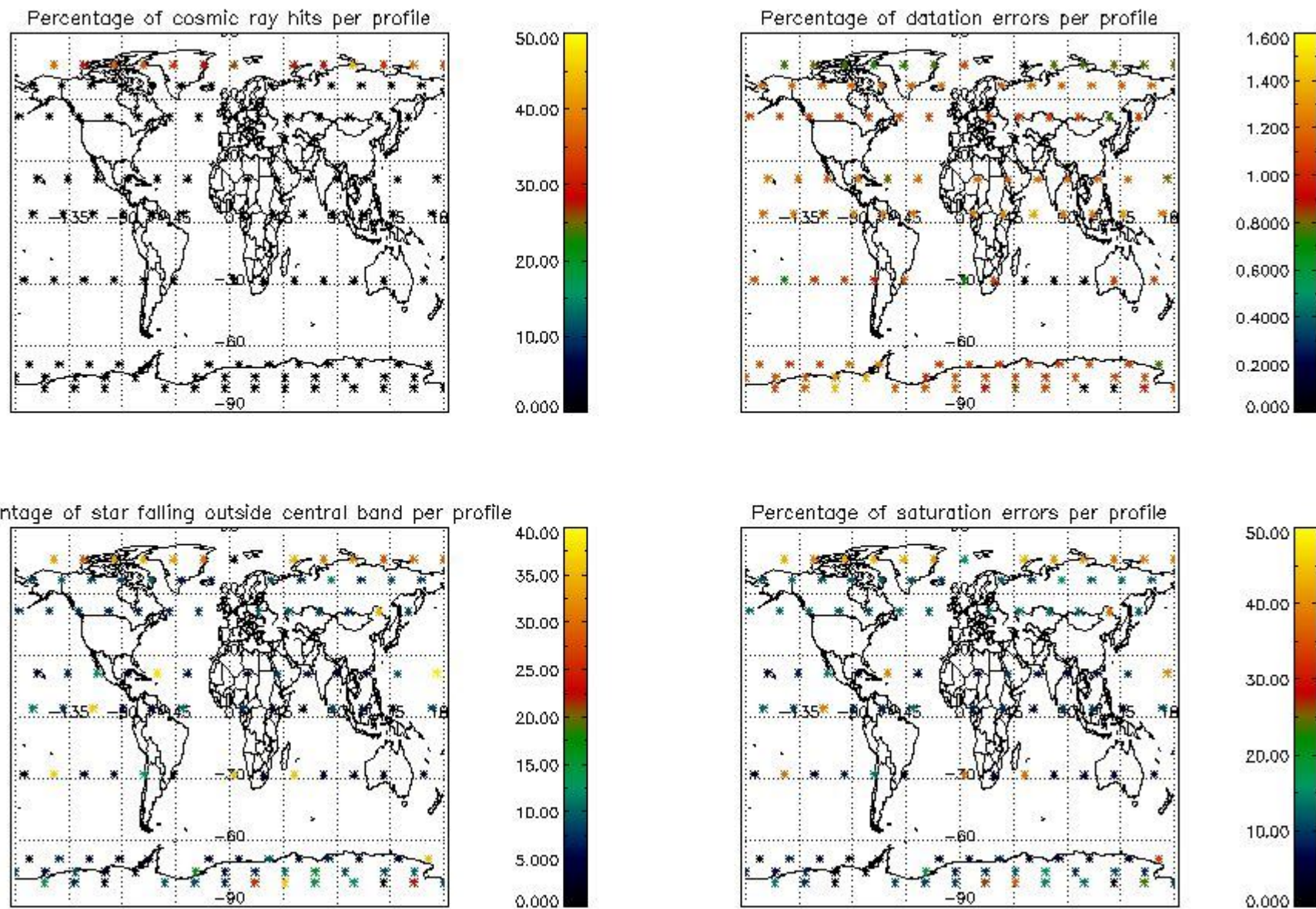


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

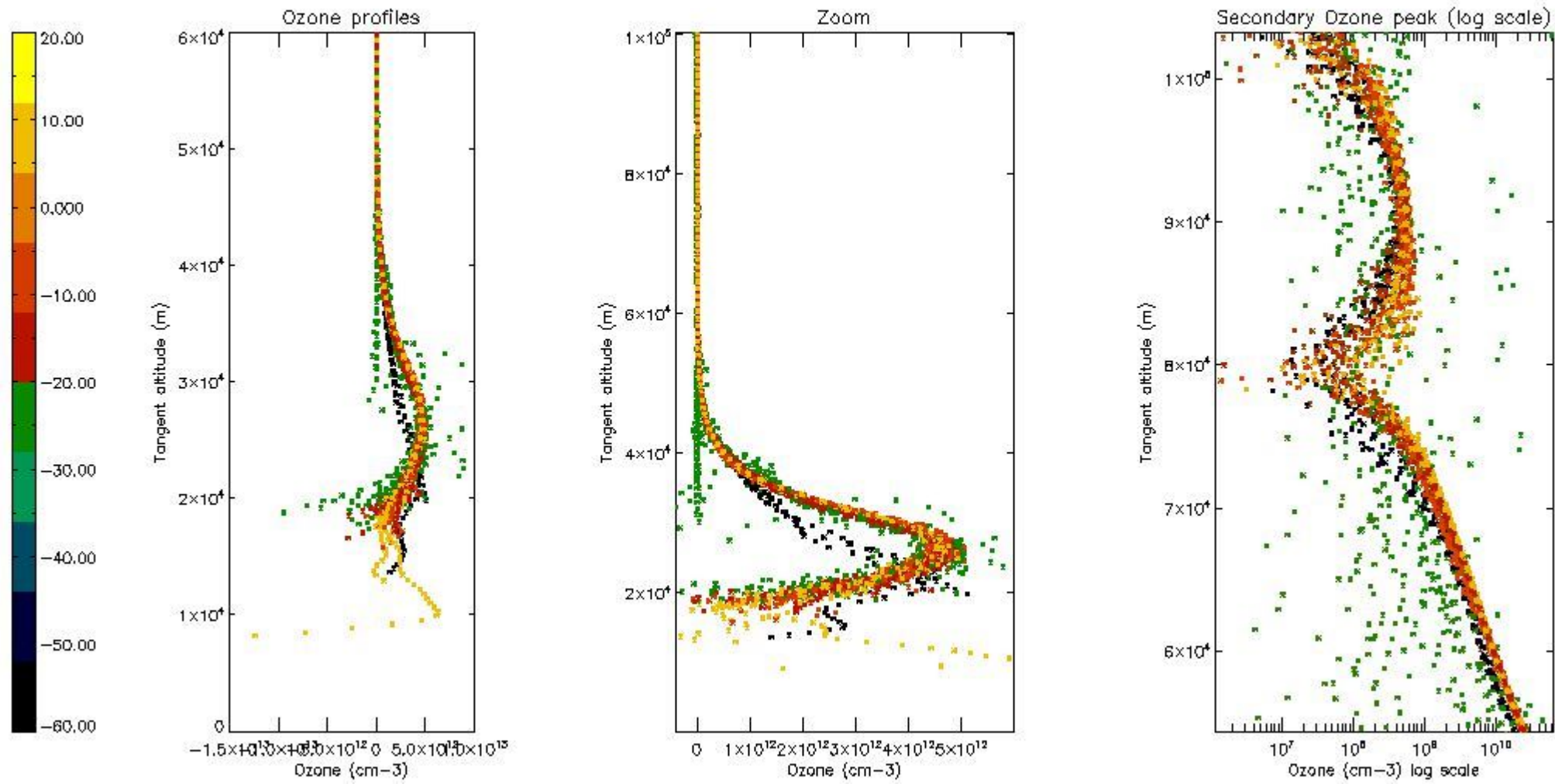
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	32
STD < 20	19

STD < 10	16
STD < 5	13

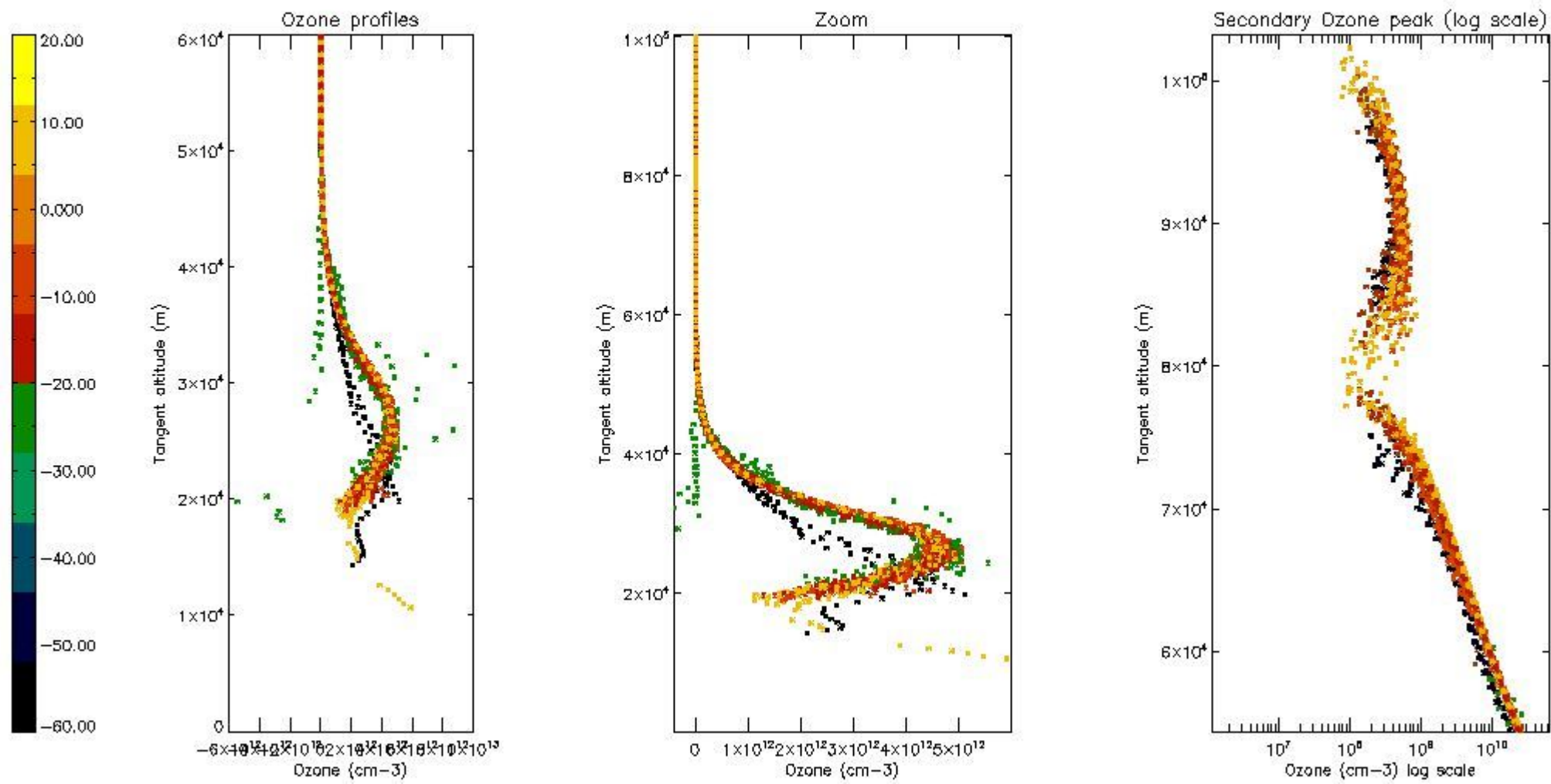
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



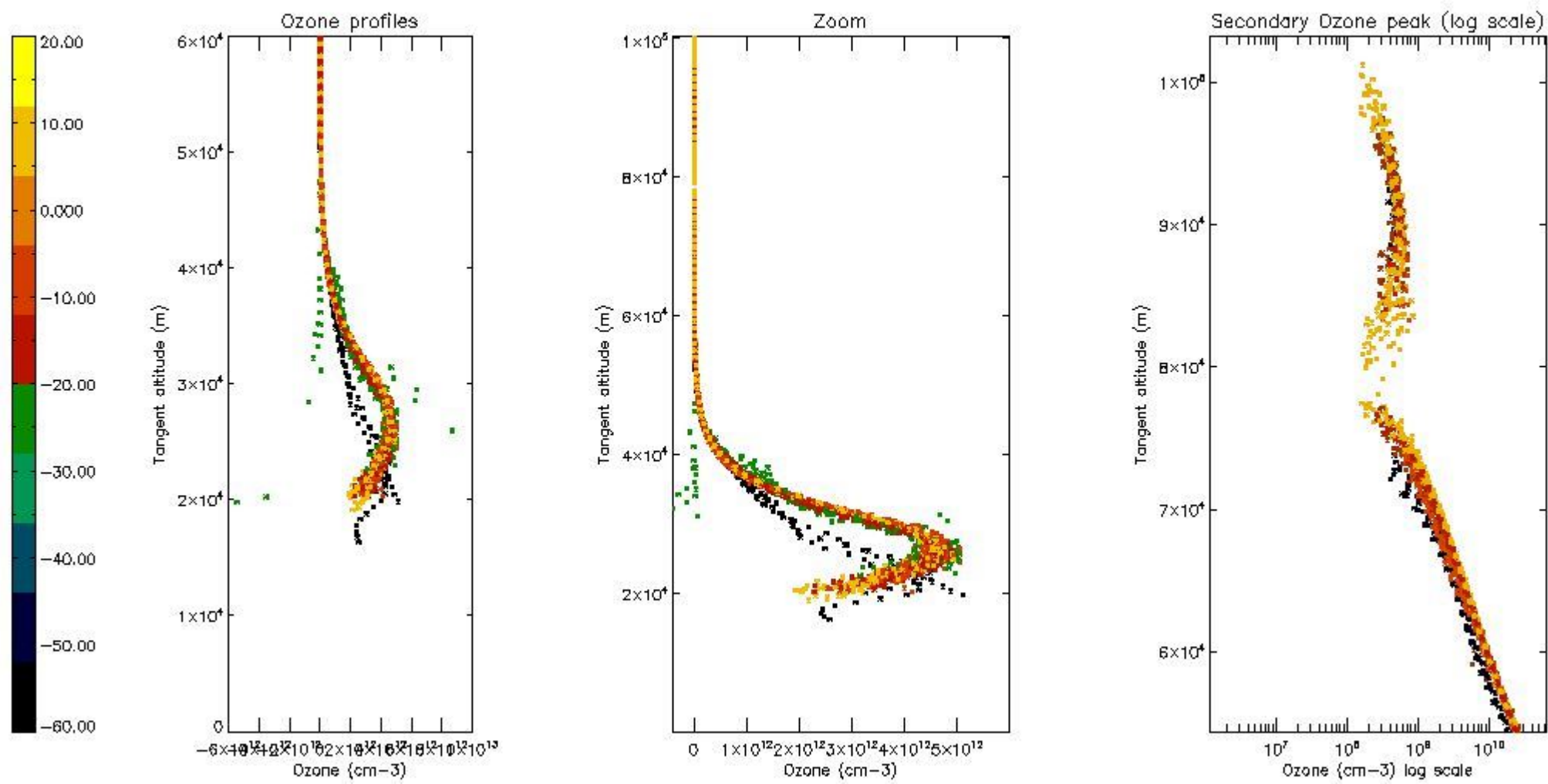
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



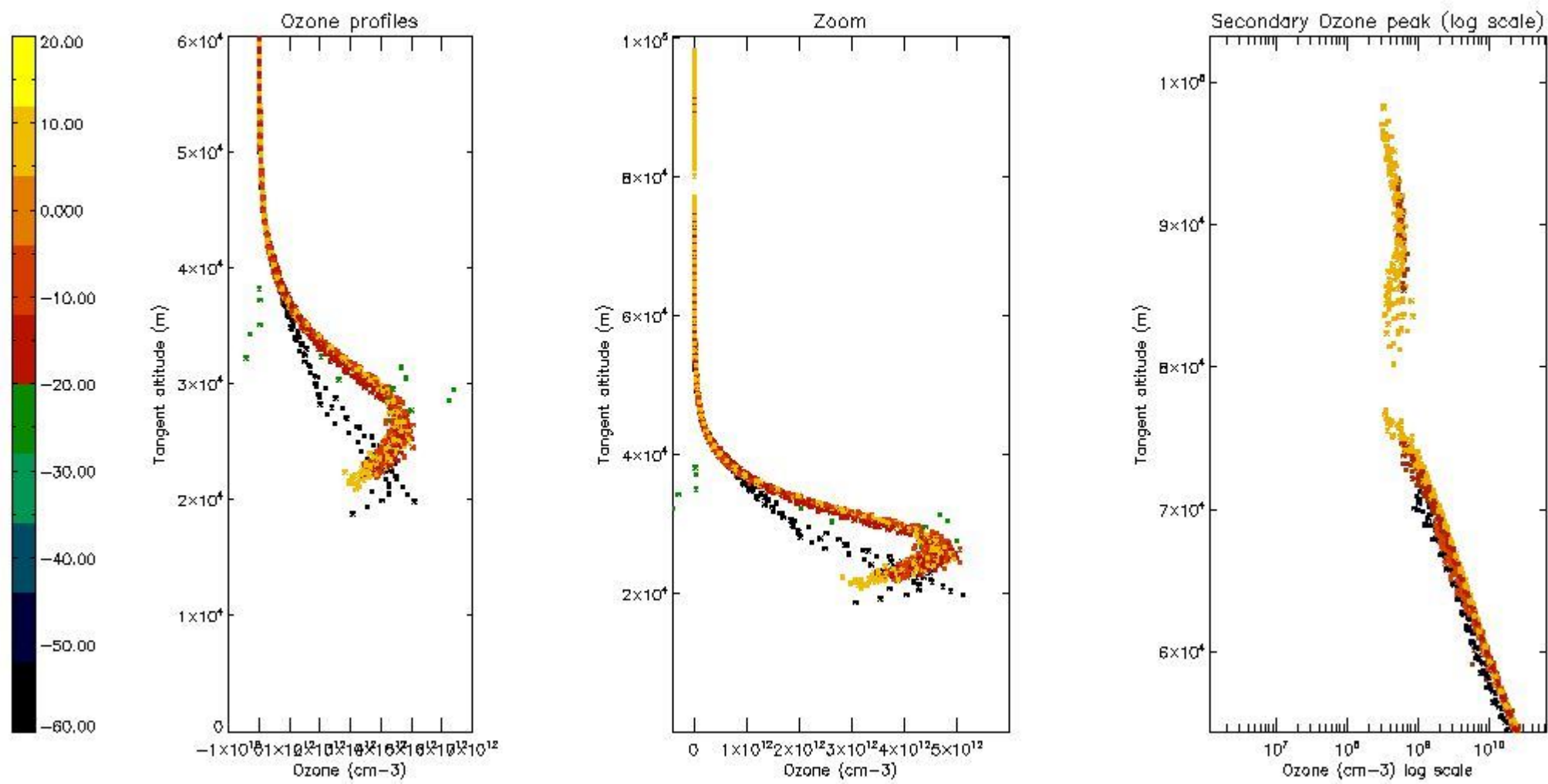
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



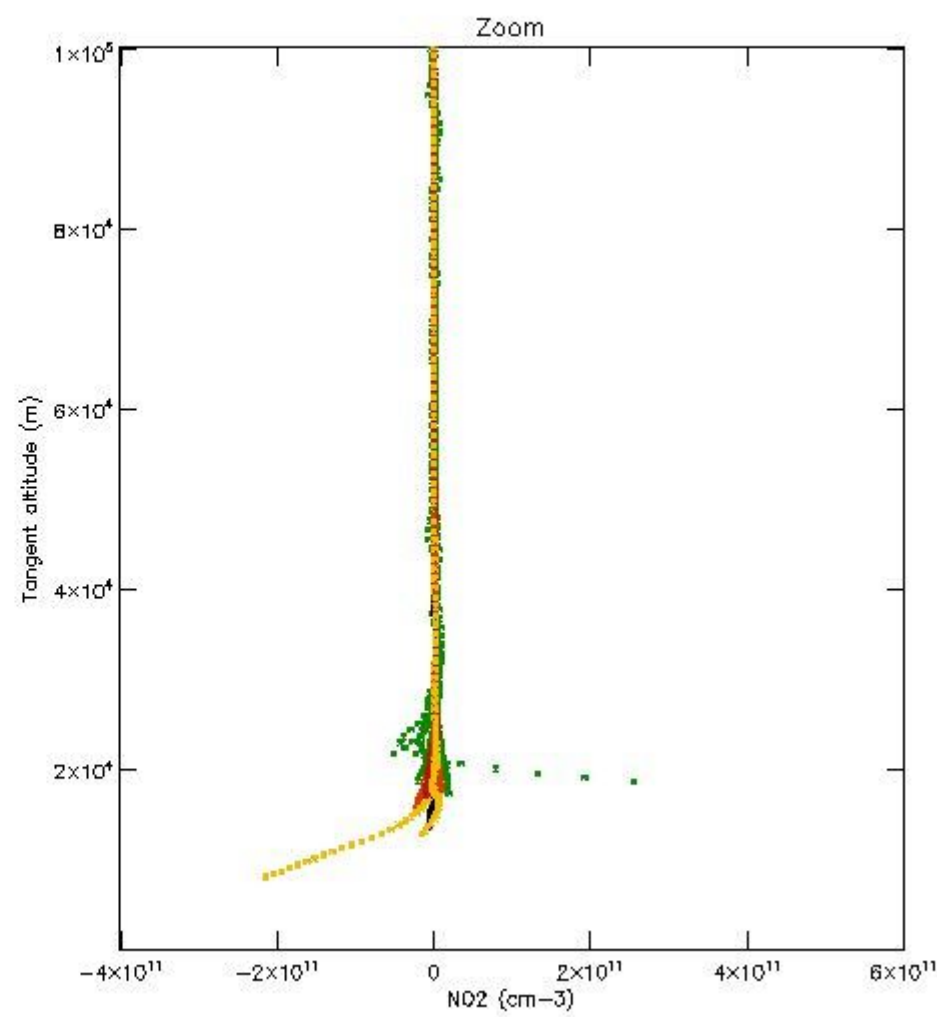
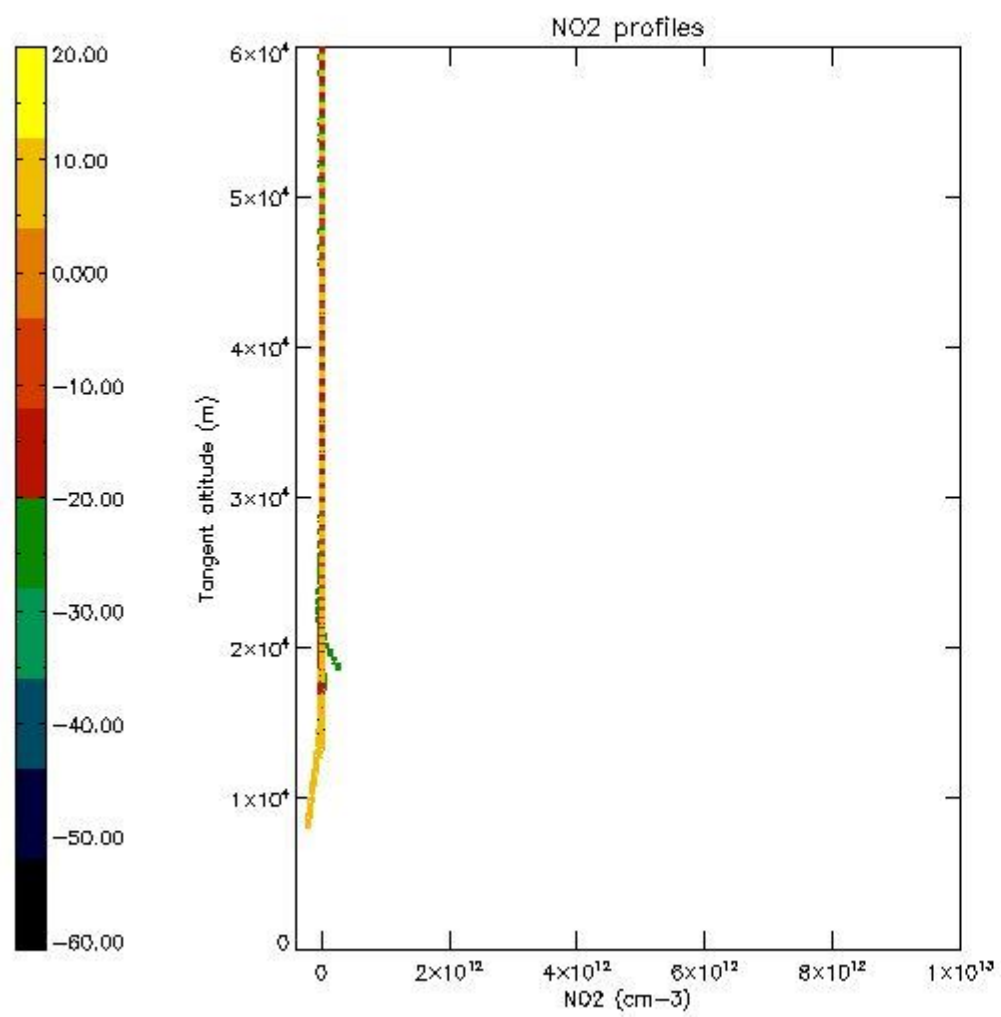
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



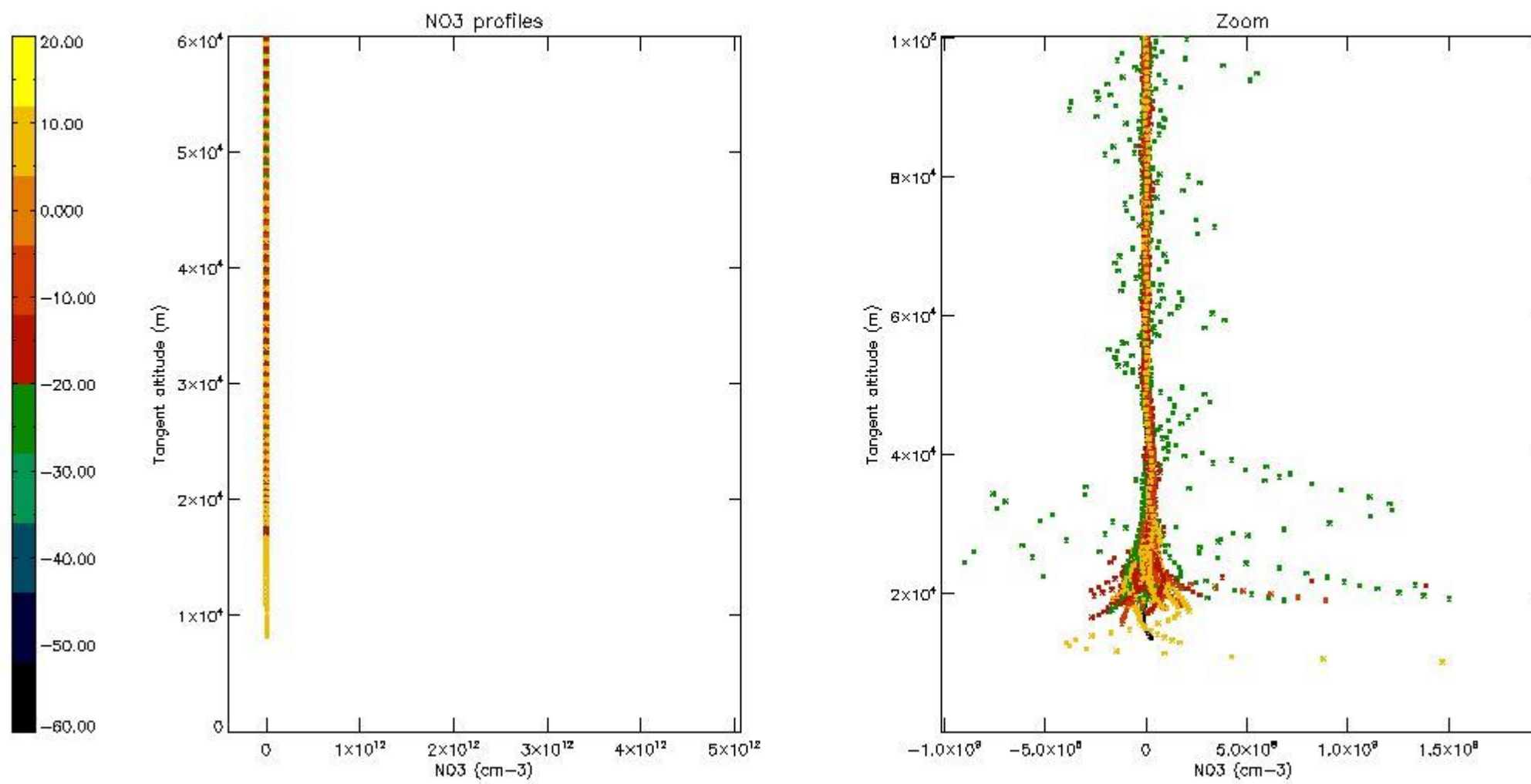
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-APR-2009 00:01:56
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-APR-2009 00:01:56
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-APR-2009 00:01:56

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	26APR2013 08:34:53
Data source version	GOMOS/6.01
Start time of products	03-04-2009 (03APR2009 00:00:00)
Stop time of products	04-04-2009 (04APR2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	237
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__2PRFIN20090403_000156_000000562077_00445_37072_5144.N1	03-APR-2009 00:01:56	Dark	55.500	155	41Pi Sgr	2.9000	6600.0	111	37072	No
2	GOM_NL__2PRFIN20090403_000408_000000592077_00445_37072_5145.N1	03-APR-2009 00:04:08	Dark	58.500	57	34Sig Sgr	2.0660	26000.	117	37072	No
3	GOM_NL__2PRFIN20090403_000740_000000542077_00446_37073_4086.N1	03-APR-2009 00:07:40	Dark	54.000	38	20Eps Sgr	1.8360	11000.	108	37073	No
4	GOM_NL__2PRFIN20090403_001154_000000592077_00446_37073_4087.N1	03-APR-2009 00:11:54	Dark	59.000	25	35Lam Sco	1.6200	28000.	118	37073	No
5	GOM_NL__2PRFIN20090403_001926_000000522077_00446_37073_4088.N1	03-APR-2009 00:19:26	Straylight	51.500	131	Gam Lup	2.8000	26000.	103	37073	No
6	GOM_NL__2PRFIN20090403_002148_000000472077_00446_37073_4089.N1	03-APR-2009 00:21:48	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	37073	No
7	GOM_NL__2PRFIN20090403_002428_000000512077_00446_37073_4090.N1	03-APR-2009 00:24:28	Straylight	51.000	54	5The Cen	2.0550	4500.0	102	37073	No
8	GOM_NL__2PRFIN20090403_002950_000000492077_00446_37073_4091.N1	03-APR-2009 00:29:50	Twilight_stray	48.500	169	46Gam Hya	2.9910	4700.0	97	37073	No
9	GOM_NL__2PRFIN20090403_003401_000000632077_00446_37073_4092.N1	03-APR-2009 00:34:01	Bright	63.000	15	67Alp Vir	0.97600	28000.	126	37073	No
10	GOM_NL__2PRFIN20090403_003713_000000432077_00446_37073_4093.N1	03-APR-2009 00:37:13	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	37073	No
11	GOM_NL__2PRFIN20090403_004142_000000482077_00446_37073_4094.N1	03-APR-2009 00:41:42	Bright	47.500	138	47Eps Vir	2.8280	4700.0	95	37073	No
12	GOM_NL__2PRFIN20090403_005015_000000432077_00446_37073_4095.N1	03-APR-2009 00:50:15	Bright	43.000	152	12Alp2CVn	2.8900	11000.	86	37073	No
13	GOM_NL__2PRFIN20090403_005500_000000382077_00446_37073_4096.N1	03-APR-2009 00:55:00	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	37073	No
14	GOM_NL__2PRFIN20090403_010402_000000472077_00446_37073_4097.N1	03-APR-2009 01:04:02	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	37073	No
15	GOM_NL__2PRFIN20090403_011548_000000452077_00446_37073_4098.N1	03-APR-2009 01:15:48	Bright	45.000	144	18Del Cyg	2.8600	11000.	90	37073	No
16	GOM_NL__2PRFIN20090403_011746_000000452077_00446_37073_4099.N1	03-APR-2009 01:17:46	Bright	44.500	66	37Gam Cyg	2.2080	5900.0	89	37073	No
17	GOM_NL__2PRFIN20090403_011951_000000462077_00446_37073_4100.N1	03-APR-2009 01:19:51	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	37073	No
18	GOM_NL__2PRFIN20090403_013019_000000642077_00446_37073_4101.N1	03-APR-2009 01:30:19	Dark	63.500	11	53Alp Aql	0.76500	8000.0	127	37073	No
19	GOM_NL__2PRFIN20090403_014233_000000592077_00446_37073_4102.N1	03-APR-2009 01:42:33	Dark	59.000	155	41Pi Sgr	2.9000	6600.0	118	37073	No
20	GOM_NL__2PRFIN20090403_014445_000000612077_00446_37073_4103.N1	03-APR-2009 01:44:45	Dark	60.500	57	34Sig Sgr	2.0660	26000.	121	37073	No
21	GOM_NL__2PRFIN20090403_014817_000000572077_00447_37074_4099.N1	03-APR-2009 01:48:17	Dark	57.000	38	20Eps Sgr	1.8360	11000.	114	37074	No
22	GOM_NL__2PRFIN20090403_015231_000000652077_00447_37074_4100.N1	03-APR-2009 01:52:31	Dark	65.000	25	35Lam Sco	1.6200	28000.	130	37074	No
23	GOM_NL__2PRFIN20090403_020003_000000522077_00447_37074_4101.N1	03-APR-2009 02:00:03	Straylight	52.000	131	Gam Lup	2.8000	26000.	104	37074	No
24	GOM_NL__2PRFIN20090403_020224_000000482077_00447_37074_4102.N1	03-APR-2009 02:02:24	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	37074	No
25	GOM_NL__2PRFIN20090403_020504_000000462077_00447_37074_4103.N1	03-APR-2009 02:05:04	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	37074	No
26	GOM_NL__2PRFIN20090403_021026_000000482077_00447_37074_4104.N1	03-APR-2009 02:10:26	Twilight_stray	48.000	169	46Gam Hya	2.9910	4700.0	96	37074	No
27	GOM_NL__2PRFIN20090403_021437_000000652077_00447_37074_4105.N1	03-APR-2009 02:14:37	Bright	64.500	15	67Alp Vir	0.97600	28000.	129	37074	No
28	GOM_NL__2PRFIN20090403_021749_000000442077_00447_37074_4106.N1	03-APR-2009 02:17:49	Bright	43.500	121	29Gam Vir	2.7400	7200.0	87	37074	No
29	GOM_NL__2PRFIN20090403_022218_000000672077_00447_37074_4107.N1	03-APR-2009 02:22:18	Bright	67.000	138	47Eps Vir	2.8280	4700.0	134	37074	No
30	GOM_NL__2PRFIN20090403_023050_000000432077_00447_37074_4108.N1	03-APR-2009 02:30:50	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	37074	No
31	GOM_NL__2PRFIN20090403_023536_000000412077_00447_37074_4109.N1	03-APR-2009 02:35:36	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	37074	No
32	GOM_NL__2PRFIN20090403_024438_000000472077_00447_37074_4110.N1	03-APR-2009 02:44:38	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	37074	No
33	GOM_NL__2PRFIN20090403_025624_000000472077_00447_37074_4111.N1	03-APR-2009 02:56:24	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	37074	No
34	GOM_NL__2PRFIN20090403_025822_000000492077_00447_37074_4112.N1	03-APR-2009 02:58:22	Bright	48.500	66	37Gam Cyg	2.2080	5900.0	97	37074	No
35	GOM_NL__2PRFIN20090403_030027_000000612077_00447_37074_4113.N1	03-APR-2009 03:00:27	Bright	61.000	92	53Eps Cyg	2.5000	4500.0	122	37074	No
36	GOM_NL__2PRFIN20090403_031056_000000572077_00447_37074_4114.N1	03-APR-2009 03:10:56	Dark	57.000	11	53Alp Aql	0.76500	8000.0	114	37074	No
37	GOM_NL__2PRFIN20090403_032311_000000592077_00447_37074_4115.N1	03-APR-2009 03:23:11	Dark	58.500	155	41Pi Sgr	2.9000	6600.0	117	37074	No
38	GOM_NL__2PRFIN20090403_032523_000000572077_00447_37074_4116.N1	03-APR-2009 03:25:23	Dark	56.500	57	34Sig Sgr	2.0660	26000.	113	37074	No
39	GOM_NL__2PRFIN20090403_032855_000000592077_00448_37075_4109.N1	03-APR-2009 03:28:55	Dark	59.000	38	20Eps Sgr	1.8360	11000.	118	37075	No
40	GOM_NL__2PRFIN20090403_033309_000000592077_00448_37075_4110.N1	03-APR-2009 03:33:09	Dark	58.500	25	35Lam Sco	1.6200	28000.	117	37075	No
41	GOM_NL__2PRFIN20090403_034039_000000502077_00448_37075_4111.N1	03-APR-2009 03:40:39	Straylight	49.500	131	Gam Lup	2.8000	26000.	99	37075	No
42	GOM_NL__2PRFIN20090403_034300_000000492077_00448_37075_4112.N1	03-APR-2009 03:43:00	Straylight	49.000	81	Eta Cen	2.3560	28000.	98	37075	No

43	GOM_NL__2PRFIN20090403_034541_000000542077_00448_37075_4113.N1	03-APR-2009 03:45:41	Straylight	54.000	54	5The Cen	2.0550	4500.0	108	37075	No
44	GOM_NL__2PRFIN20090403_035102_000000512077_00448_37075_4114.N1	03-APR-2009 03:51:02	Twilight_stray	50.500	169	46Gam Hya	2.9910	4700.0	101	37075	No
45	GOM_NL__2PRFIN20090403_035513_000000632077_00448_37075_4115.N1	03-APR-2009 03:55:13	Bright	62.500	15	67Alp Vir	0.97600	28000.	125	37075	No
46	GOM_NL__2PRFIN20090403_035825_000000432077_00448_37075_4116.N1	03-APR-2009 03:58:25	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	37075	No
47	GOM_NL__2PRFIN20090403_040253_000000472077_00448_37075_4117.N1	03-APR-2009 04:02:53	Bright	47.000	138	47Eps Vir	2.8280	4700.0	94	37075	No
48	GOM_NL__2PRFIN20090403_041126_000000422077_00448_37075_4118.N1	03-APR-2009 04:11:26	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	37075	No
49	GOM_NL__2PRFIN20090403_041611_000000412077_00448_37075_4119.N1	03-APR-2009 04:16:11	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	37075	No
50	GOM_NL__2PRFIN20090403_042513_000000472077_00448_37075_4120.N1	03-APR-2009 04:25:13	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	37075	No
51	GOM_NL__2PRFIN20090403_043659_000000462077_00448_37075_4121.N1	03-APR-2009 04:36:59	Bright	45.500	144	18Del Cyg	2.8600	11000.	91	37075	No
52	GOM_NL__2PRFIN20090403_043858_000000462077_00448_37075_4122.N1	03-APR-2009 04:38:58	Bright	46.000	66	37Gam Cyg	2.2080	5900.0	92	37075	No
53	GOM_NL__2PRFIN20090403_044103_000000532077_00448_37075_4123.N1	03-APR-2009 04:41:03	Bright	53.000	92	53Eps Cyg	2.5000	4500.0	106	37075	No
54	GOM_NL__2PRFIN20090403_045133_000000572077_00448_37075_4124.N1	03-APR-2009 04:51:33	Dark	57.000	11	53Alp Aql	0.76500	8000.0	114	37075	No
55	GOM_NL__2PRFIN20090403_050348_000000592077_00448_37075_4125.N1	03-APR-2009 05:03:48	Dark	58.500	155	41Pi Sgr	2.9000	6600.0	117	37075	No
56	GOM_NL__2PRFIN20090403_050600_000000592077_00448_37075_4126.N1	03-APR-2009 05:06:00	Dark	58.500	57	34Sig Sgr	2.0660	26000.	117	37075	No
57	GOM_NL__2PRFIN20090403_050932_000000552077_00449_37076_4130.N1	03-APR-2009 05:09:32	Dark	54.500	38	20Eps Sgr	1.8360	11000.	109	37076	No
58	GOM_NL__2PRFIN20090403_051346_000000562077_00449_37076_4131.N1	03-APR-2009 05:13:46	Dark	56.000	25	35Lam Sco	1.6200	28000.	112	37076	No
59	GOM_NL__2PRFIN20090403_052116_000000502077_00449_37076_4132.N1	03-APR-2009 05:21:16	Straylight	49.500	131	Gam Lup	2.8000	26000.	99	37076	No
60	GOM_NL__2PRFIN20090403_052337_000000482077_00449_37076_4133.N1	03-APR-2009 05:23:37	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	37076	No
61	GOM_NL__2PRFIN20090403_052618_000000522077_00449_37076_4134.N1	03-APR-2009 05:26:18	Straylight	52.000	54	5The Cen	2.0550	4500.0	104	37076	No
62	GOM_NL__2PRFIN20090403_053138_000000512077_00449_37076_4135.N1	03-APR-2009 05:31:38	Twilight_stray	50.500	169	46Gam Hya	2.9910	4700.0	101	37076	No
63	GOM_NL__2PRFIN20090403_053549_000000662077_00449_37076_4136.N1	03-APR-2009 05:35:49	Bright	65.500	15	67Alp Vir	0.97600	28000.	131	37076	No
64	GOM_NL__2PRFIN20090403_053901_000000442077_00449_37076_4137.N1	03-APR-2009 05:39:01	Bright	44.000	121	29Gam Vir	2.7400	7200.0	88	37076	No
65	GOM_NL__2PRFIN20090403_054330_000000472077_00449_37076_4138.N1	03-APR-2009 05:43:30	Bright	46.500	138	47Eps Vir	2.8280	4700.0	93	37076	No
66	GOM_NL__2PRFIN20090403_055201_000000422077_00449_37076_4139.N1	03-APR-2009 05:52:01	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	37076	No
67	GOM_NL__2PRFIN20090403_055647_000000372077_00449_37076_4140.N1	03-APR-2009 05:56:47	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	37076	No
68	GOM_NL__2PRFIN20090403_060548_000000712077_00449_37076_4141.N1	03-APR-2009 06:05:48	Bright	70.500	119	14Eta Dra	2.7270	4700.0	141	37076	No
69	GOM_NL__2PRFIN20090403_061735_000000482077_00449_37076_4142.N1	03-APR-2009 06:17:35	Bright	48.000	144	18Del Cyg	2.8600	11000.	96	37076	No
70	GOM_NL__2PRFIN20090403_061934_000000452077_00449_37076_4143.N1	03-APR-2009 06:19:34	Bright	45.000	66	37Gam Cyg	2.2080	5900.0	90	37076	No
71	GOM_NL__2PRFIN20090403_062139_000000442077_00449_37076_4144.N1	03-APR-2009 06:21:39	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	37076	No
72	GOM_NL__2PRFIN20090403_063210_000000492077_00449_37076_4145.N1	03-APR-2009 06:32:10	Dark	49.000	11	53Alp Aql	0.76500	8000.0	98	37076	No
73	GOM_NL__2PRFIN20090403_064426_000000592077_00449_37076_4146.N1	03-APR-2009 06:44:26	Dark	58.500	155	41Pi Sgr	2.9000	6600.0	117	37076	No
74	GOM_NL__2PRFIN20090403_064638_000000572077_00449_37076_4147.N1	03-APR-2009 06:46:38	Dark	57.000	57	34Sig Sgr	2.0660	26000.	114	37076	No
75	GOM_NL__2PRFIN20090403_065009_000000542077_00450_37077_4144.N1	03-APR-2009 06:50:09	Dark	53.500	38	20Eps Sgr	1.8360	11000.	107	37077	No
76	GOM_NL__2PRFIN20090403_065423_000000572077_00450_37077_4145.N1	03-APR-2009 06:54:23	Dark	56.500	25	35Lam Sco	1.6200	28000.	113	37077	No
77	GOM_NL__2PRFIN20090403_070153_000000512077_00450_37077_4146.N1	03-APR-2009 07:01:53	Straylight	51.000	131	Gam Lup	2.8000	26000.	102	37077	No
78	GOM_NL__2PRFIN20090403_070414_000000482077_00450_37077_4147.N1	03-APR-2009 07:04:14	Straylight	48.000	81	Eta Cen	2.3560	28000.	96	37077	No
79	GOM_NL__2PRFIN20090403_070654_000000522077_00450_37077_4148.N1	03-APR-2009 07:06:54	Straylight	52.000	54	5The Cen	2.0550	4500.0	104	37077	No
80	GOM_NL__2PRFIN20090403_071215_000000502077_00450_37077_4149.N1	03-APR-2009 07:12:15	Twilight_stray	49.500	169	46Gam Hya	2.9910	4700.0	99	37077	No
81	GOM_NL__2PRFIN20090403_071625_000000652077_00450_37077_4150.N1	03-APR-2009 07:16:25	Bright	65.000	15	67Alp Vir	0.97600	28000.	130	37077	No
82	GOM_NL__2PRFIN20090403_071937_000000422077_00450_37077_4151.N1	03-APR-2009 07:19:37	Bright	41.500	121	29Gam Vir	2.7400	7200.0	83	37077	No
83	GOM_NL__2PRFIN20090403_072404_000000482077_00450_37077_4152.N1	03-APR-2009 07:24:04	Bright	47.500	138	47Eps Vir	2.8280	4700.0	95	37077	No
84	GOM_NL__2PRFIN20090403_073237_000000442077_00450_37077_4153.N1	03-APR-2009 07:32:37	Bright	43.500	152	12Alp2CVn	2.8900	11000.	87	37077	No
85	GOM_NL__2PRFIN20090403_073722_000000402077_00450_37077_4154.N1	03-APR-2009 07:37:22	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	37077	No
86	GOM_NL__2PRFIN20090403_074623_000000472077_00450_37077_4155.N1	03-APR-2009 07:46:23	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	37077	No
87	GOM_NL__2PRFIN20090403_075811_000000462077_00450_37077_4156.N1	03-APR-2009 07:58:11	Bright	45.500	144	18Del Cyg	2.8600	11000.	91	37077	No
88	GOM_NL__2PRFIN20090403_080010_000000452077_00450_37077_4157.N1	03-APR-2009 08:00:10	Bright	44.500	66	37Gam Cyg	2.2080	5900.0	89	37077	No
89	GOM_NL__2PRFIN20090403_080215_000000442077_00450_37077_4158.N1	03-APR-2009 08:02:15	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	37077	No
90	GOM_NL__2PRFIN20090403_081247_000000492077_00450_37077_4159.N1	03-APR-2009 08:12:47	Dark	49.000	11	53Alp Aql	0.76500	8000.0	98	37077	No
91	GOM_NL__2PRFIN20090403_082503_000000602077_00450_37077_4160.N1	03-APR-2009 08:25:03	Dark	60.000	155	41Pi Sgr	2.9000	6600.0	120	37077	No
92	GOM_NL__2PRFIN20090403_082715_000000562077_00450_37077_4161.N1	03-APR-2009 08:27:15	Dark	56.000	57	34Sig Sgr	2.0660	26000.	112	37077	No
93	GOM_NL__2PRFIN20090403_083047_000000562077_00451_37078_4158.N1	03-APR-2009 08:30:47	Dark	56.000	38	20Eps Sgr	1.8360	11000.	112	37078	No
94	GOM_NL__2PRFIN20090403_083501_000000612077_00451_37078_4159.N1	03-APR-2009 08:35:01	Dark	61.000	25	35Lam Sco	1.6200	28000.	122	37078	No
95	GOM_NL__2PRFIN20090403_084230_000000502077_00451_37078_4160.N1	03-APR-2009 08:42:30	Straylight	50.000	131	Gam Lup	2.8000	26000.	100	37078	No
96	GOM_NL__2PRFIN20090403_084450_000000482077_00451_37078_4161.N1	03-APR-2009 08:44:50	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	37078	No
97	GOM_NL__2PRFIN20090403_084730_000000512077_00451_37078_4162.N1	03-APR-2009 08:47:30	Straylight	51.000	54	5The Cen	2.0550	4500.0	102	37078	No
98	GOM_NL__2PRFIN20090403_085251_000000492077_00451_37078_4163.N1	03-APR-2009 08:52:51	Twilight_stray	49.000	169	46Gam Hya	2.9910	4700.0	98	37078	No
99	GOM_NL__2PRFIN20090403_085701_000000682077_00451_37078_4164.N1	03-APR-2009 08:57:01	Bright	67.500	15	67Alp Vir	0.97600	28000.	135	37078	No
100	GOM_NL__2PRFIN20090403_090012_000000432077_00451_37078_4165.N1	03-APR-2009 09:00:12	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	37078	No
101	GOM_NL__2PRFIN20090403_090440_000000472077_00451_37078_4166.N1	03-APR-2009 09:04:40	Bright	46.500	138	47Eps Vir	2.8280	4700.0	93	37078	No

102	GOM_NL__2PRFIN20090403_091312_000000422077_00451_37078_4167.N1	03-APR-2009 09:13:12	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	37078	No
103	GOM_NL__2PRFIN20090403_091758_000000412077_00451_37078_4168.N1	03-APR-2009 09:17:58	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	37078	No
104	GOM_NL__2PRFIN20090403_092659_000000712077_00451_37078_4169.N1	03-APR-2009 09:26:59	Bright	71.000	119	14Eta Dra	2.7270	4700.0	142	37078	No
105	GOM_NL__2PRFIN20090403_093847_000000472077_00451_37078_4170.N1	03-APR-2009 09:38:47	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	37078	No
106	GOM_NL__2PRFIN20090403_094046_000000512077_00451_37078_4171.N1	03-APR-2009 09:40:46	Bright	50.500	66	37Gam Cyg	2.2080	5900.0	101	37078	No
107	GOM_NL__2PRFIN20090403_094251_000000442077_00451_37078_4172.N1	03-APR-2009 09:42:51	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	37078	No
108	GOM_NL__2PRFIN20090403_095324_000000442077_00451_37078_4173.N1	03-APR-2009 09:53:24	Dark	44.000	11	53Alp Aql	0.76500	8000.0	88	37078	No
109	GOM_NL__2PRFIN20090403_100540_000000592077_00451_37078_4174.N1	03-APR-2009 10:05:40	Dark	59.000	155	41Pi Sgr	2.9000	6600.0	118	37078	No
110	GOM_NL__2PRFIN20090403_100752_000000562077_00451_37078_4175.N1	03-APR-2009 10:07:52	Dark	56.000	57	34Sig Sgr	2.0660	26000.	112	37078	No
111	GOM_NL__2PRFIN20090403_115201_000000562077_00453_37080_4185.N1	03-APR-2009 11:52:01	Dark	56.000	38	20Eps Sgr	1.8360	11000.	112	37080	No
112	GOM_NL__2PRFIN20090403_115615_000000602077_00453_37080_4186.N1	03-APR-2009 11:56:15	Dark	59.500	25	35Lam Sco	1.6200	28000.	119	37080	No
113	GOM_NL__2PRFIN20090403_120343_000000502077_00453_37080_4187.N1	03-APR-2009 12:03:43	Straylight	50.000	131	Gam Lup	2.8000	26000.	100	37080	No
114	GOM_NL__2PRFIN20090403_120603_000000442077_00453_37080_4188.N1	03-APR-2009 12:06:03	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	37080	No
115	GOM_NL__2PRFIN20090403_120843_000000442077_00453_37080_4189.N1	03-APR-2009 12:08:43	Straylight	43.500	54	5The Cen	2.0550	4500.0	87	37080	No
116	GOM_NL__2PRFIN20090403_121403_000000422077_00453_37080_4190.N1	03-APR-2009 12:14:03	Twi_and_stray	41.500	169	46Gam Hya	2.9910	4700.0	83	37080	No
117	GOM_NL__2PRFIN20090403_121812_000000462077_00453_37080_4191.N1	03-APR-2009 12:18:12	Bright	46.000	15	67Alp Vir	0.97600	28000.	92	37080	No
118	GOM_NL__2PRFIN20090403_122124_000000422077_00453_37080_4192.N1	03-APR-2009 12:21:24	Bright	41.500	121	29Gam Vir	2.7400	7200.0	83	37080	No
119	GOM_NL__2PRFIN20090403_122551_000000472077_00453_37080_4193.N1	03-APR-2009 12:25:51	Bright	46.500	138	47Eps Vir	2.8280	4700.0	93	37080	No
120	GOM_NL__2PRFIN20090403_123423_000000422077_00453_37080_4194.N1	03-APR-2009 12:34:23	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	37080	No
121	GOM_NL__2PRFIN20090403_123909_000000422077_00453_37080_4195.N1	03-APR-2009 12:39:09	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	37080	No
122	GOM_NL__2PRFIN20090403_124809_000000452077_00453_37080_4196.N1	03-APR-2009 12:48:09	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	37080	No
123	GOM_NL__2PRFIN20090403_125958_000000402077_00453_37080_4197.N1	03-APR-2009 12:59:58	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	37080	No
124	GOM_NL__2PRFIN20090403_130157_000000372077_00453_37080_4198.N1	03-APR-2009 13:01:57	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	37080	No
125	GOM_NL__2PRFIN20090403_130403_000000362077_00453_37080_4199.N1	03-APR-2009 13:04:03	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	37080	No
126	GOM_NL__2PRFIN20090403_131437_000000322077_00453_37080_4200.N1	03-APR-2009 13:14:37	Dark	32.000	11	53Alp Aql	0.76500	8000.0	64	37080	No
127	GOM_NL__2PRFIN20090403_132655_000000582077_00453_37080_4201.N1	03-APR-2009 13:26:55	Dark	58.000	155	41Pi Sgr	2.9000	6600.0	116	37080	No
128	GOM_NL__2PRFIN20090403_132907_000000552077_00453_37080_4202.N1	03-APR-2009 13:29:07	Dark	54.500	57	34Sig Sgr	2.0660	26000.	109	37080	No
129	GOM_NL__2PRFIN20090403_133239_000000562077_00454_37081_4199.N1	03-APR-2009 13:32:39	Dark	55.500	38	20Eps Sgr	1.8360	11000.	111	37081	No
130	GOM_NL__2PRFIN20090403_133653_000000712077_00454_37081_4200.N1	03-APR-2009 13:36:53	Dark	71.000	25	35Lam Sco	1.6200	28000.	142	37081	No
131	GOM_NL__2PRFIN20090403_134420_000000522077_00454_37081_4201.N1	03-APR-2009 13:44:20	Straylight	51.500	131	Gam Lup	2.8000	26000.	103	37081	No
132	GOM_NL__2PRFIN20090403_134640_000000462077_00454_37081_4202.N1	03-APR-2009 13:46:40	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	37081	No
133	GOM_NL__2PRFIN20090403_134919_000000532077_00454_37081_4203.N1	03-APR-2009 13:49:19	Straylight	52.500	54	5The Cen	2.0550	4500.0	105	37081	No
134	GOM_NL__2PRFIN20090403_135439_000000502077_00454_37081_4204.N1	03-APR-2009 13:54:39	Twi_and_stray	49.500	169	46Gam Hya	2.9910	4700.0	99	37081	No
135	GOM_NL__2PRFIN20090403_135848_000000652077_00454_37081_4205.N1	03-APR-2009 13:58:48	Bright	65.000	15	67Alp Vir	0.97600	28000.	130	37081	No
136	GOM_NL__2PRFIN20090403_140200_000000432077_00454_37081_4206.N1	03-APR-2009 14:02:00	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	37081	No
137	GOM_NL__2PRFIN20090403_140626_000000472077_00454_37081_4207.N1	03-APR-2009 14:06:26	Bright	46.500	138	47Eps Vir	2.8280	4700.0	93	37081	No
138	GOM_NL__2PRFIN20090403_141458_000000632077_00454_37081_4208.N1	03-APR-2009 14:14:58	Bright	63.000	152	12Alp2CVn	2.8900	11000.	126	37081	No
139	GOM_NL__2PRFIN20090403_141944_000000402077_00454_37081_4209.N1	03-APR-2009 14:19:44	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	37081	No
140	GOM_NL__2PRFIN20090403_142844_000000522077_00454_37081_4210.N1	03-APR-2009 14:28:44	Bright	51.500	119	14Eta Dra	2.7270	4700.0	103	37081	No
141	GOM_NL__2PRFIN20090403_144034_000000422077_00454_37081_4211.N1	03-APR-2009 14:40:34	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	37081	No
142	GOM_NL__2PRFIN20090403_144233_000000392077_00454_37081_4212.N1	03-APR-2009 14:42:33	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	37081	No
143	GOM_NL__2PRFIN20090403_144439_000000432077_00454_37081_4213.N1	03-APR-2009 14:44:39	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	37081	No
144	GOM_NL__2PRFIN20090403_145514_000000322077_00454_37081_4214.N1	03-APR-2009 14:55:14	Dark	32.000	11	53Alp Aql	0.76500	8000.0	64	37081	No
145	GOM_NL__2PRFIN20090403_150733_000000592077_00454_37081_4215.N1	03-APR-2009 15:07:33	Dark	59.000	155	41Pi Sgr	2.9000	6600.0	118	37081	No
146	GOM_NL__2PRFIN20090403_150944_000000572077_00454_37081_4216.N1	03-APR-2009 15:09:44	Dark	57.000	57	34Sig Sgr	2.0660	26000.	114	37081	No
147	GOM_NL__2PRFIN20090403_151316_000000552077_00455_37082_4213.N1	03-APR-2009 15:13:16	Dark	55.000	38	20Eps Sgr	1.8360	11000.	110	37082	No
148	GOM_NL__2PRFIN20090403_151730_000000582077_00455_37082_4214.N1	03-APR-2009 15:17:30	Dark	58.000	25	35Lam Sco	1.6200	28000.	116	37082	No
149	GOM_NL__2PRFIN20090403_152457_000000512077_00455_37082_4215.N1	03-APR-2009 15:24:57	Straylight	50.500	131	Gam Lup	2.8000	26000.	101	37082	No
150	GOM_NL__2PRFIN20090403_152716_000000492077_00455_37082_4216.N1	03-APR-2009 15:27:16	Straylight	49.000	81	Eta Cen	2.3560	28000.	98	37082	No
151	GOM_NL__2PRFIN20090403_152956_000000512077_00455_37082_4217.N1	03-APR-2009 15:29:56	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	37082	No
152	GOM_NL__2PRFIN20090403_153515_000000492077_00455_37082_4218.N1	03-APR-2009 15:35:15	Twi_and_stray	48.500	169	46Gam Hya	2.9910	4700.0	97	37082	No
153	GOM_NL__2PRFIN20090403_153924_000000682077_00455_37082_4219.N1	03-APR-2009 15:39:24	Bright	67.500	15	67Alp Vir	0.97600	28000.	135	37082	No
154	GOM_NL__2PRFIN20090403_154236_000000432077_00455_37082_4220.N1	03-APR-2009 15:42:36	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	37082	No
155	GOM_NL__2PRFIN20090403_154702_000000462077_00455_37082_4221.N1	03-APR-2009 15:47:02	Bright	46.000	138	47Eps Vir	2.8280	4700.0	92	37082	No
156	GOM_NL__2PRFIN20090403_155534_000000402077_00455_37082_4222.N1	03-APR-2009 15:55:34	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	37082	No
157	GOM_NL__2PRFIN20090403_160019_000000412077_00455_37082_4223.N1	03-APR-2009 16:00:19	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	37082	No
158	GOM_NL__2PRFIN20090403_160919_000000472077_00455_37082_4224.N1	03-APR-2009 16:09:19	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	37082	No
159	GOM_NL__2PRFIN20090403_162110_000000472077_00455_37082_4225.N1	03-APR-2009 16:21:10	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	37082	No
160	GOM_NL__2PRFIN20090403_162309_000000452077_00455_37082_4226.N1	03-APR-2009 16:23:09	Bright	45.000	66	37Gam Cyg	2.2080	5900.0	90	37082	No

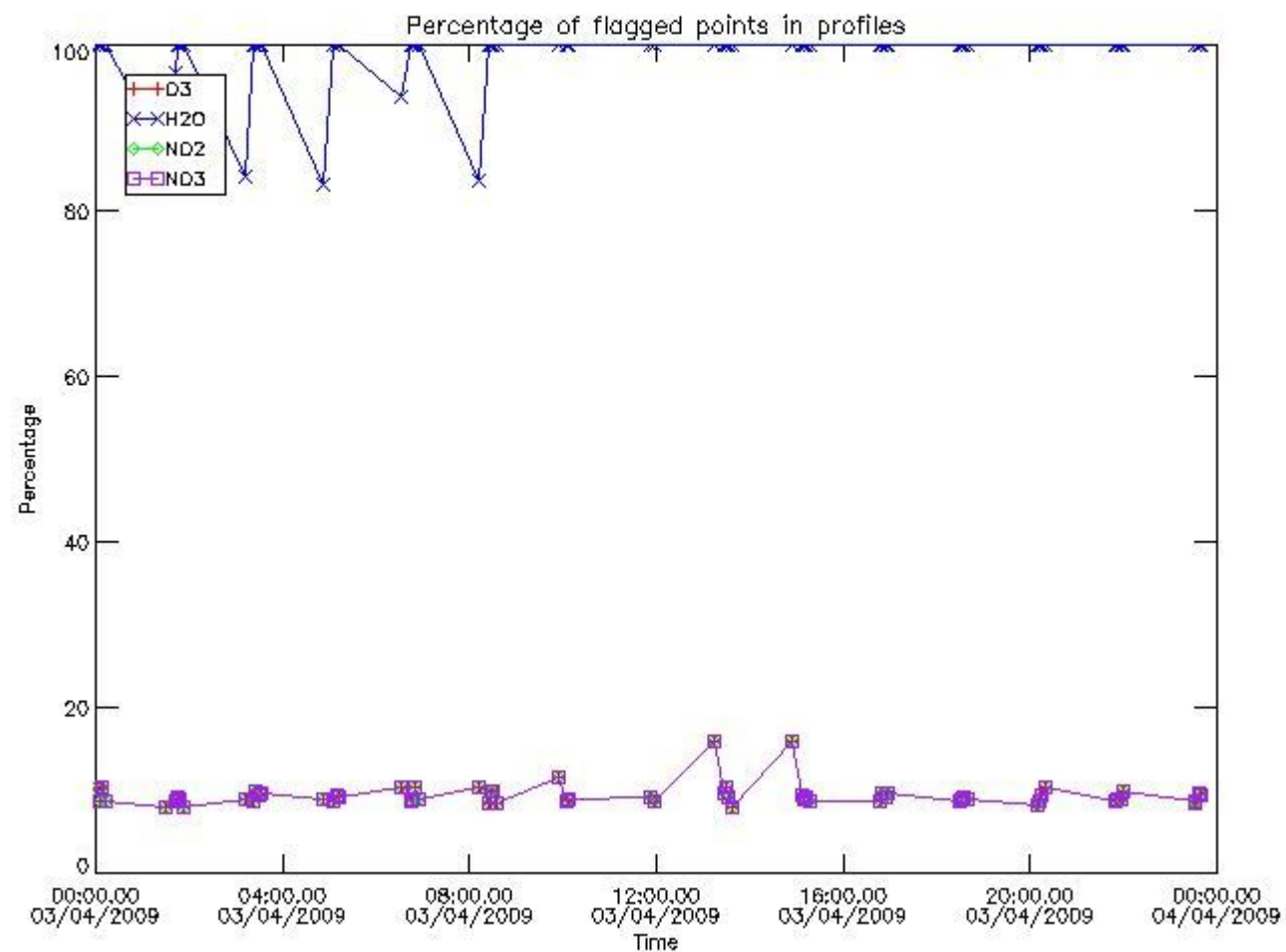
161	GOM_NL__2PRFIN20090403_162515_000000462077_00455_37082_4227.N1	03-APR-2009 16:25:15	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	37082	No
162	GOM_NL__2PRFIN20090403_164810_000000592077_00455_37082_4228.N1	03-APR-2009 16:48:10	Dark	58.500	155	41Pi Sgr	2.9000	6600.0	117	37082	No
163	GOM_NL__2PRFIN20090403_165022_000000592077_00455_37082_4229.N1	03-APR-2009 16:50:22	Dark	58.500	57	34Sig Sgr	2.0660	26000.	117	37082	No
164	GOM_NL__2PRFIN20090403_165353_000000562077_00456_37083_4249.N1	03-APR-2009 16:53:53	Dark	55.500	38	20Eps Sgr	1.8360	11000.	111	37083	No
165	GOM_NL__2PRFIN20090403_165807_000000582077_00456_37083_4250.N1	03-APR-2009 16:58:07	Dark	57.500	25	35Lam Sco	1.6200	28000.	115	37083	No
166	GOM_NL__2PRFIN20090403_170533_000000522077_00456_37083_4251.N1	03-APR-2009 17:05:33	Straylight	51.500	131	Gam Lup	2.8000	26000.	103	37083	No
167	GOM_NL__2PRFIN20090403_170752_000000472077_00456_37083_4252.N1	03-APR-2009 17:07:52	Straylight	47.000	81	Eta Cen	2.3560	28000.	94	37083	No
168	GOM_NL__2PRFIN20090403_171032_000000542077_00456_37083_4253.N1	03-APR-2009 17:10:32	Straylight	54.000	54	5The Cen	2.0550	4500.0	108	37083	No
169	GOM_NL__2PRFIN20090403_171551_000000492077_00456_37083_4254.N1	03-APR-2009 17:15:51	Tw_i_and_stray	49.000	169	46Gam Hya	2.9910	4700.0	98	37083	No
170	GOM_NL__2PRFIN20090403_172000_000000682077_00456_37083_4255.N1	03-APR-2009 17:20:00	Bright	68.000	15	67Alp Vir	0.97600	28000.	136	37083	No
171	GOM_NL__2PRFIN20090403_172311_000000432077_00456_37083_4256.N1	03-APR-2009 17:23:11	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	37083	No
172	GOM_NL__2PRFIN20090403_172737_000000472077_00456_37083_4257.N1	03-APR-2009 17:27:37	Bright	46.500	138	47Eps Vir	2.8280	4700.0	93	37083	No
173	GOM_NL__2PRFIN20090403_173609_000000452077_00456_37083_4258.N1	03-APR-2009 17:36:09	Bright	45.000	152	12Alp2CVn	2.8900	11000.	90	37083	No
174	GOM_NL__2PRFIN20090403_174055_000000592077_00456_37083_4259.N1	03-APR-2009 17:40:55	Bright	59.000	32	77Eps UMa	1.7630	11000.	118	37083	No
175	GOM_NL__2PRFIN20090403_174955_000000472077_00456_37083_4260.N1	03-APR-2009 17:49:55	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	37083	No
176	GOM_NL__2PRFIN20090403_180146_000000482077_00456_37083_4261.N1	03-APR-2009 18:01:46	Bright	48.000	144	18Del Cyg	2.8600	11000.	96	37083	No
177	GOM_NL__2PRFIN20090403_180345_000000442077_00456_37083_4262.N1	03-APR-2009 18:03:45	Bright	44.000	66	37Gam Cyg	2.2080	5900.0	88	37083	No
178	GOM_NL__2PRFIN20090403_180551_000000442077_00456_37083_4263.N1	03-APR-2009 18:05:51	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	37083	No
179	GOM_NL__2PRFIN20090403_182847_000000592077_00456_37083_4264.N1	03-APR-2009 18:28:47	Dark	59.000	155	41Pi Sgr	2.9000	6600.0	118	37083	No
180	GOM_NL__2PRFIN20090403_183059_000000582077_00456_37083_4265.N1	03-APR-2009 18:30:59	Dark	57.500	57	34Sig Sgr	2.0660	26000.	115	37083	No
181	GOM_NL__2PRFIN20090403_183431_000000562077_00457_37084_4267.N1	03-APR-2009 18:34:31	Dark	56.000	38	20Eps Sgr	1.8360	11000.	112	37084	No
182	GOM_NL__2PRFIN20090403_183844_000000572077_00457_37084_4268.N1	03-APR-2009 18:38:44	Dark	57.000	25	35Lam Sco	1.6200	28000.	114	37084	No
183	GOM_NL__2PRFIN20090403_184610_000000512077_00457_37084_4269.N1	03-APR-2009 18:46:10	Straylight	51.000	131	Gam Lup	2.8000	26000.	102	37084	No
184	GOM_NL__2PRFIN20090403_184829_000000462077_00457_37084_4270.N1	03-APR-2009 18:48:29	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	37084	No
185	GOM_NL__2PRFIN20090403_185109_000000542077_00457_37084_4271.N1	03-APR-2009 18:51:09	Straylight	53.500	54	5The Cen	2.0550	4500.0	107	37084	No
186	GOM_NL__2PRFIN20090403_185628_000000492077_00457_37084_4272.N1	03-APR-2009 18:56:28	Tw_i_and_stray	49.000	169	46Gam Hya	2.9910	4700.0	98	37084	No
187	GOM_NL__2PRFIN20090403_190036_000000672077_00457_37084_4273.N1	03-APR-2009 19:00:36	Bright	67.000	15	67Alp Vir	0.97600	28000.	134	37084	No
188	GOM_NL__2PRFIN20090403_190348_000000432077_00457_37084_4274.N1	03-APR-2009 19:03:48	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	37084	No
189	GOM_NL__2PRFIN20090403_190813_000000472077_00457_37084_4275.N1	03-APR-2009 19:08:13	Bright	46.500	138	47Eps Vir	2.8280	4700.0	93	37084	No
190	GOM_NL__2PRFIN20090403_191644_000000422077_00457_37084_4276.N1	03-APR-2009 19:16:44	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	37084	No
191	GOM_NL__2PRFIN20090403_192131_000000412077_00457_37084_4277.N1	03-APR-2009 19:21:31	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	37084	No
192	GOM_NL__2PRFIN20090403_193030_000000712077_00457_37084_4278.N1	03-APR-2009 19:30:30	Bright	71.000	119	14Eta Dra	2.7270	4700.0	142	37084	No
193	GOM_NL__2PRFIN20090403_194221_000000452077_00457_37084_4279.N1	03-APR-2009 19:42:21	Bright	45.000	144	18Del Cyg	2.8600	11000.	90	37084	No
194	GOM_NL__2PRFIN20090403_194421_000000452077_00457_37084_4280.N1	03-APR-2009 19:44:21	Bright	44.500	66	37Gam Cyg	2.2080	5900.0	89	37084	No
195	GOM_NL__2PRFIN20090403_194627_000000522077_00457_37084_4281.N1	03-APR-2009 19:46:27	Bright	51.500	92	53Eps Cyg	2.5000	4500.0	103	37084	No
196	GOM_NL__2PRFIN20090403_200925_000000622077_00457_37084_4282.N1	03-APR-2009 20:09:25	Dark	61.500	155	41Pi Sgr	2.9000	6600.0	123	37084	No
197	GOM_NL__2PRFIN20090403_201137_000000592077_00457_37084_4283.N1	03-APR-2009 20:11:37	Dark	59.000	57	34Sig Sgr	2.0660	26000.	118	37084	No
198	GOM_NL__2PRFIN20090403_201508_000000542077_00458_37085_4281.N1	03-APR-2009 20:15:08	Dark	54.000	38	20Eps Sgr	1.8360	11000.	108	37085	No
199	GOM_NL__2PRFIN20090403_201922_000000602077_00458_37085_4282.N1	03-APR-2009 20:19:22	Dark	59.500	25	35Lam Sco	1.6200	28000.	119	37085	No
200	GOM_NL__2PRFIN20090403_202647_000000512077_00458_37085_4283.N1	03-APR-2009 20:26:47	Straylight	51.000	131	Gam Lup	2.8000	26000.	102	37085	No
201	GOM_NL__2PRFIN20090403_202906_000000492077_00458_37085_4284.N1	03-APR-2009 20:29:06	Straylight	48.500	81	Eta Cen	2.3560	28000.	97	37085	No
202	GOM_NL__2PRFIN20090403_203145_000000522077_00458_37085_4285.N1	03-APR-2009 20:31:45	Straylight	52.000	54	5The Cen	2.0550	4500.0	104	37085	No
203	GOM_NL__2PRFIN20090403_203704_000000492077_00458_37085_4286.N1	03-APR-2009 20:37:04	Tw_i_and_stray	49.000	169	46Gam Hya	2.9910	4700.0	98	37085	No
204	GOM_NL__2PRFIN20090403_204112_000000622077_00458_37085_4287.N1	03-APR-2009 20:41:12	Bright	62.000	15	67Alp Vir	0.97600	28000.	124	37085	No
205	GOM_NL__2PRFIN20090403_204423_000000432077_00458_37085_4288.N1	03-APR-2009 20:44:23	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	37085	No
206	GOM_NL__2PRFIN20090403_204849_000000472077_00458_37085_4289.N1	03-APR-2009 20:48:49	Bright	46.500	138	47Eps Vir	2.8280	4700.0	93	37085	No
207	GOM_NL__2PRFIN20090403_205720_000000402077_00458_37085_4290.N1	03-APR-2009 20:57:20	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	37085	No
208	GOM_NL__2PRFIN20090403_210206_000000432077_00458_37085_4291.N1	03-APR-2009 21:02:06	Bright	42.500	32	77Eps UMa	1.7630	11000.	85	37085	No
209	GOM_NL__2PRFIN20090403_211105_000000442077_00458_37085_4292.N1	03-APR-2009 21:11:05	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	37085	No
210	GOM_NL__2PRFIN20090403_212257_000000662077_00458_37085_4293.N1	03-APR-2009 21:22:57	Bright	66.000	144	18Del Cyg	2.8600	11000.	132	37085	No
211	GOM_NL__2PRFIN20090403_212457_000000452077_00458_37085_4294.N1	03-APR-2009 21:24:57	Bright	45.000	66	37Gam Cyg	2.2080	5900.0	90	37085	No
212	GOM_NL__2PRFIN20090403_212703_000000392077_00458_37085_4295.N1	03-APR-2009 21:27:03	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	37085	No
213	GOM_NL__2PRFIN20090403_215002_000000582077_00458_37085_4296.N1	03-APR-2009 21:50:02	Dark	58.000	155	41Pi Sgr	2.9000	6600.0	116	37085	No
214	GOM_NL__2PRFIN20090403_215214_000000572077_00458_37085_4297.N1	03-APR-2009 21:52:14	Dark	57.000	57	34Sig Sgr	2.0660	26000.	114	37085	No
215	GOM_NL__2PRFIN20090403_215545_000000572077_00459_37086_4295.N1	03-APR-2009 21:55:45	Dark	57.000	38	20Eps Sgr	1.8360	11000.	114	37086	No
216	GOM_NL__2PRFIN20090403_215959_000000572077_00459_37086_4296.N1	03-APR-2009 21:59:59	Dark	56.500	25	35Lam Sco	1.6200	28000.	113	37086	No
217	GOM_NL__2PRFIN20090403_220724_000000482077_00459_37086_4297.N1	03-APR-2009 22:07:24	Straylight	48.000	131	Gam Lup	2.8000	26000.	96	37086	No
218	GOM_NL__2PRFIN20090403_220942_000000502077_00459_37086_4298.N1	03-APR-2009 22:09:42	Straylight	50.000	81	Eta Cen	2.3560	28000.	100	37086	No
219	GOM_NL__2PRFIN20090403_221222_000000512077_00459_37086_4299.N1	03-APR-2009 22:12:22	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	37086	No

220	GOM_NL__2PRFIN20090403_221740_000000482077_00459_37086_4300.N1	03-APR-2009 22:17:40	Twilight_stray	48.000	169	46Gam Hya	2.9910	4700.0	96	37086	No
221	GOM_NL__2PRFIN20090403_222148_000000672077_00459_37086_4301.N1	03-APR-2009 22:21:48	Bright	67.000	15	67Alp Vir	0.97600	28000.	134	37086	No
222	GOM_NL__2PRFIN20090403_222459_000000422077_00459_37086_4302.N1	03-APR-2009 22:24:59	Bright	42.000	121	29Gam Vir	2.7400	7200.0	84	37086	No
223	GOM_NL__2PRFIN20090403_222924_000000472077_00459_37086_4303.N1	03-APR-2009 22:29:24	Bright	46.500	138	47Eps Vir	2.8280	4700.0	93	37086	No
224	GOM_NL__2PRFIN20090403_223755_000000632077_00459_37086_4304.N1	03-APR-2009 22:37:55	Bright	63.000	152	12Alp2CVn	2.8900	11000.	126	37086	No
225	GOM_NL__2PRFIN20090403_224242_000000412077_00459_37086_4305.N1	03-APR-2009 22:42:42	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	37086	No
226	GOM_NL__2PRFIN20090403_225140_000000472077_00459_37086_4306.N1	03-APR-2009 22:51:40	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	37086	No
227	GOM_NL__2PRFIN20090403_230333_000000462077_00459_37086_4307.N1	03-APR-2009 23:03:33	Bright	46.000	144	18Del Cyg	2.8600	11000.	92	37086	No
228	GOM_NL__2PRFIN20090403_230533_000000462077_00459_37086_4308.N1	03-APR-2009 23:05:33	Bright	46.000	66	37Gam Cyg	2.2080	5900.0	92	37086	No
229	GOM_NL__2PRFIN20090403_230739_000000452077_00459_37086_4309.N1	03-APR-2009 23:07:39	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	37086	No
230	GOM_NL__2PRFIN20090403_233039_000000602077_00459_37086_4310.N1	03-APR-2009 23:30:39	Dark	59.500	155	41Pi Sgr	2.9000	6600.0	119	37086	No
231	GOM_NL__2PRFIN20090403_233251_000000612077_00459_37086_4311.N1	03-APR-2009 23:32:51	Dark	61.000	57	34Sig Sgr	2.0660	26000.	122	37086	No
232	GOM_NL__2PRFIN20090403_233622_000000532077_00460_37087_4318.N1	03-APR-2009 23:36:22	Dark	53.000	38	20Eps Sgr	1.8360	11000.	106	37087	No
233	GOM_NL__2PRFIN20090403_234036_000000602077_00460_37087_4319.N1	03-APR-2009 23:40:36	Dark	59.500	25	35Lam Sco	1.6200	28000.	119	37087	No
234	GOM_NL__2PRFIN20090403_234801_000000532077_00460_37087_4320.N1	03-APR-2009 23:48:01	Straylight	52.500	131	Gam Lup	2.8000	26000.	105	37087	No
235	GOM_NL__2PRFIN20090403_235019_000000482077_00460_37087_4321.N1	03-APR-2009 23:50:19	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	37087	No
236	GOM_NL__2PRFIN20090403_235258_000000532077_00460_37087_4322.N1	03-APR-2009 23:52:58	Straylight	52.500	54	5The Cen	2.0550	4500.0	105	37087	No
237	GOM_NL__2PRFIN20090403_235816_000000482077_00460_37087_4323.N1	03-APR-2009 23:58:16	Twilight_stray	47.500	169	46Gam Hya	2.9910	4700.0	95	37087	No

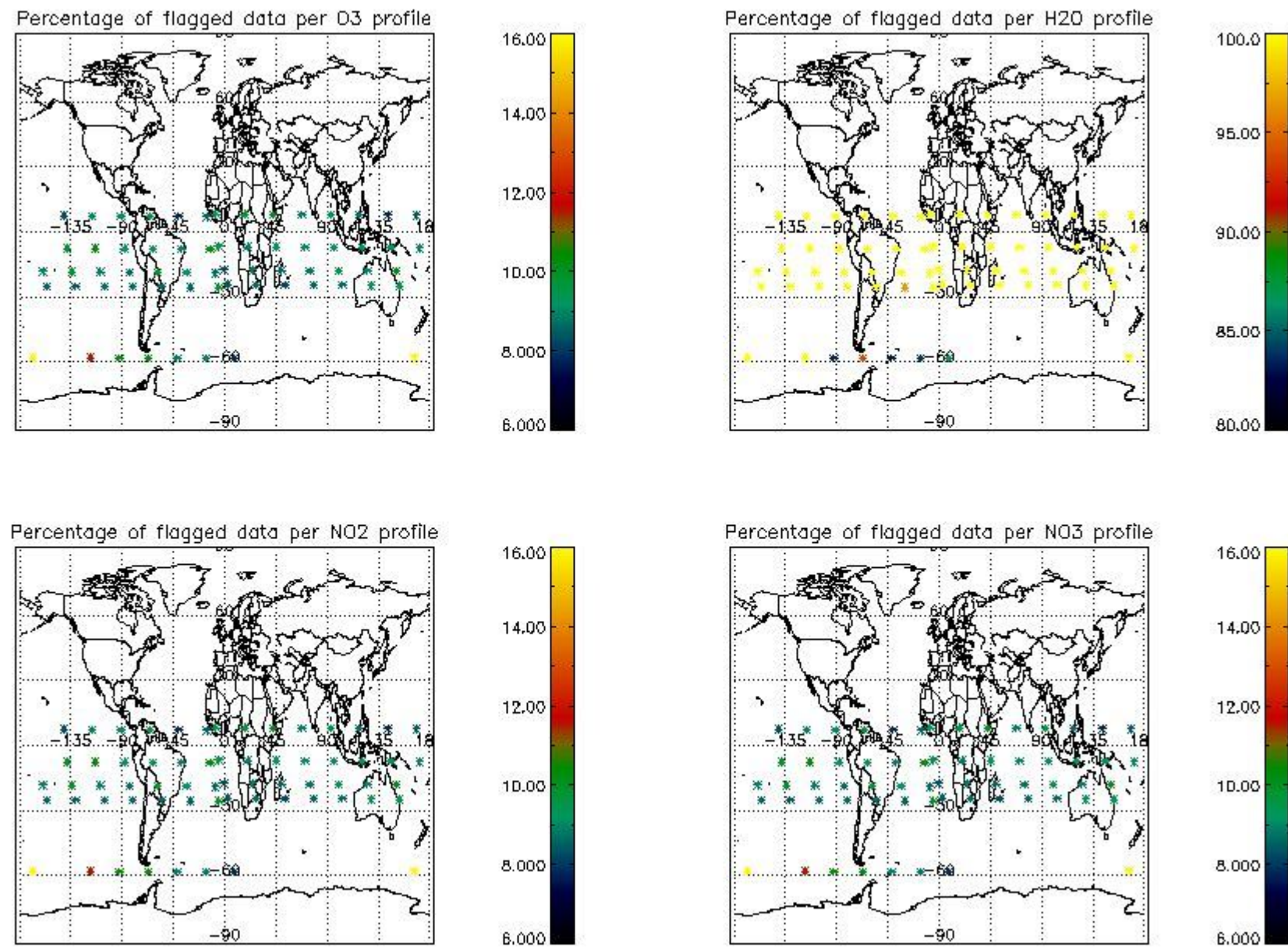
3. Quality information per product

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

3.1 Plot quality information per product (time dependant)



3.2 Plot quality information per product (world map)

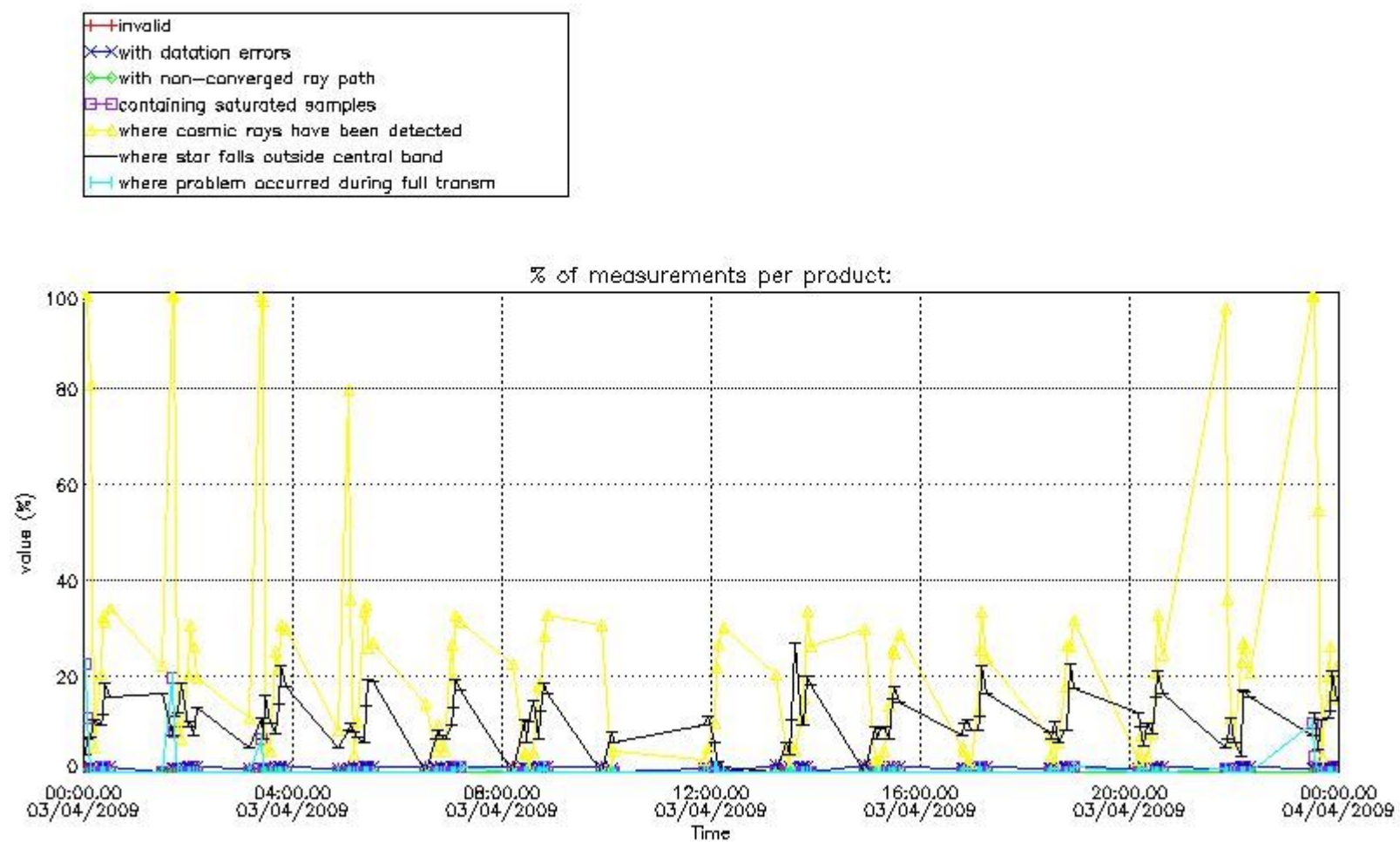


4. Level 1 quality information per product

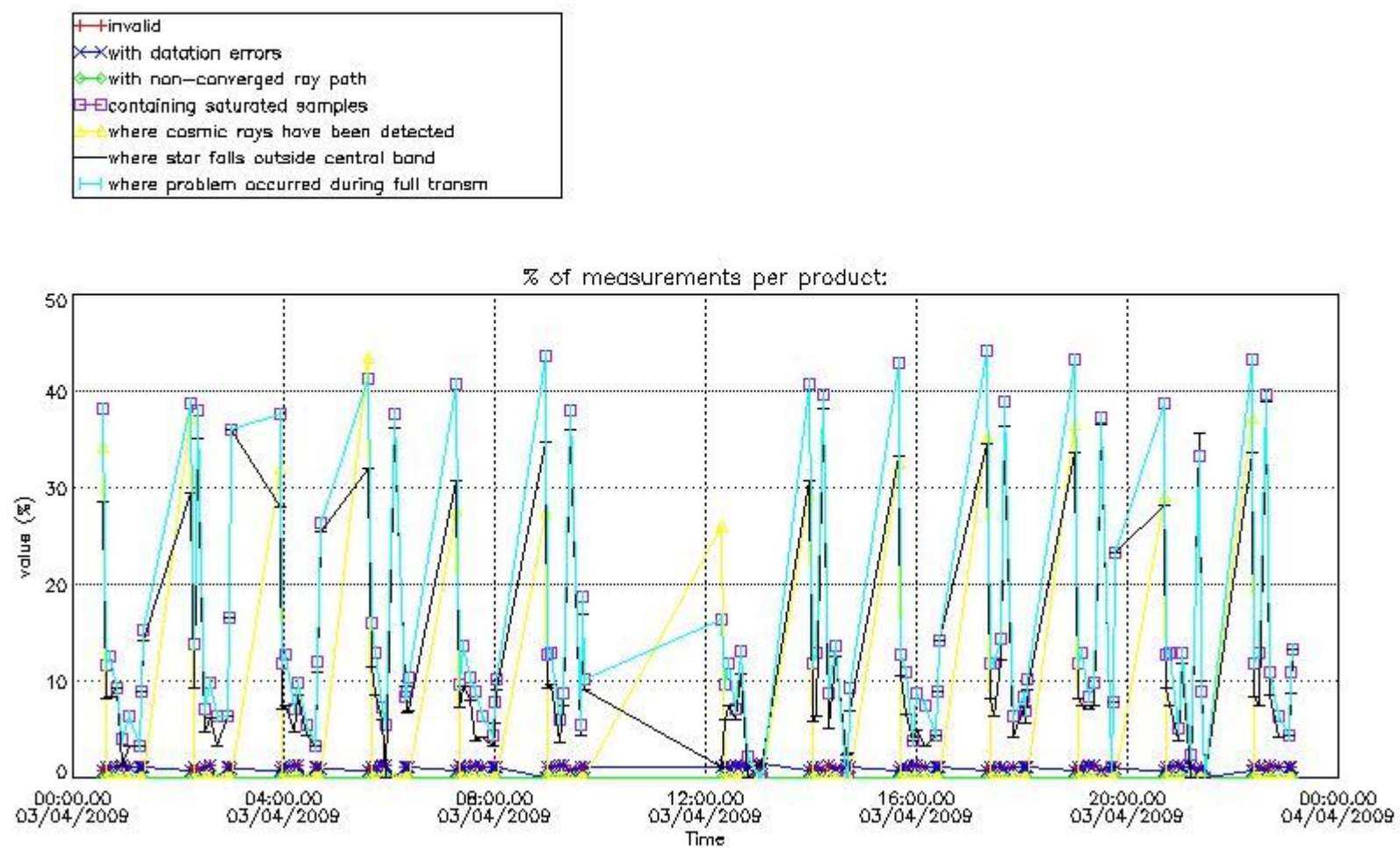
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



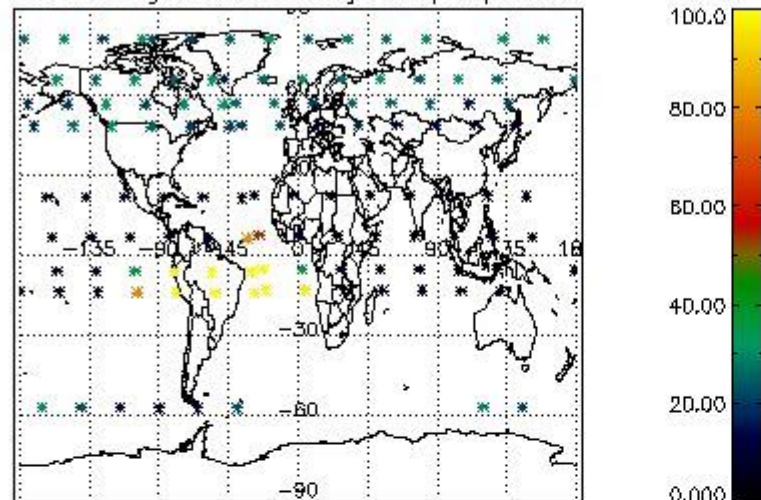
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



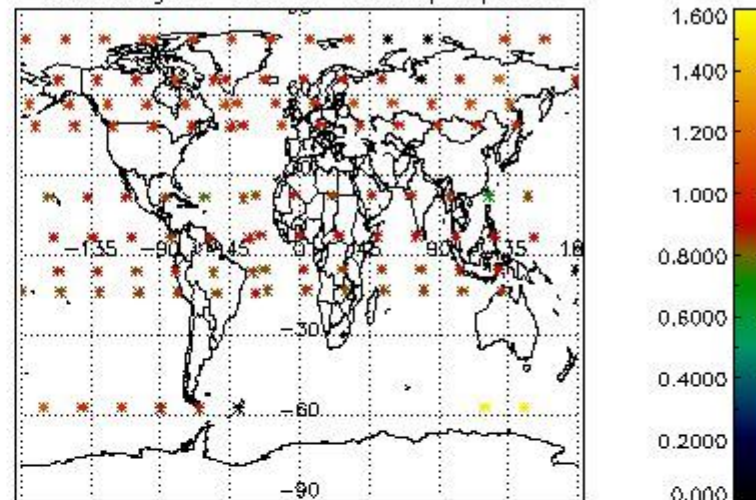
4.2 Plot quality information per product coming from level 1b processing (world map)

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

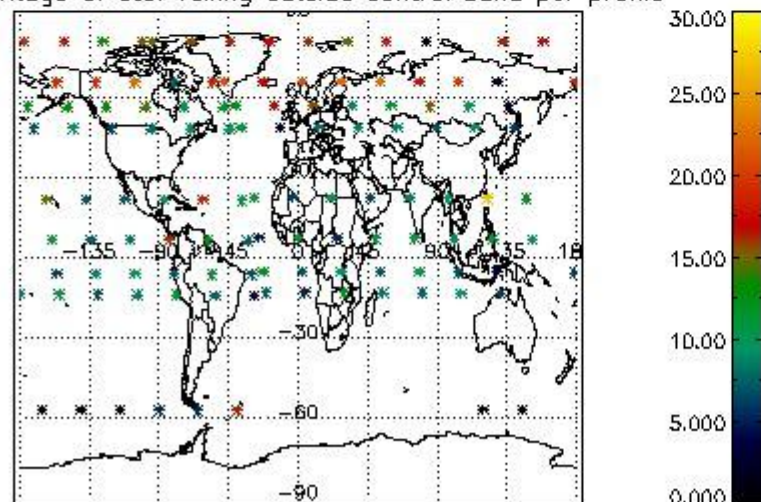
Percentage of cosmic ray hits per profile



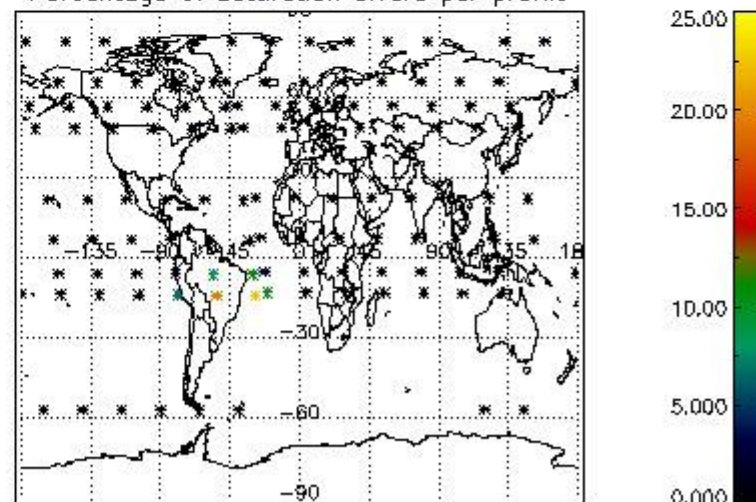
Percentage of datation errors per profile



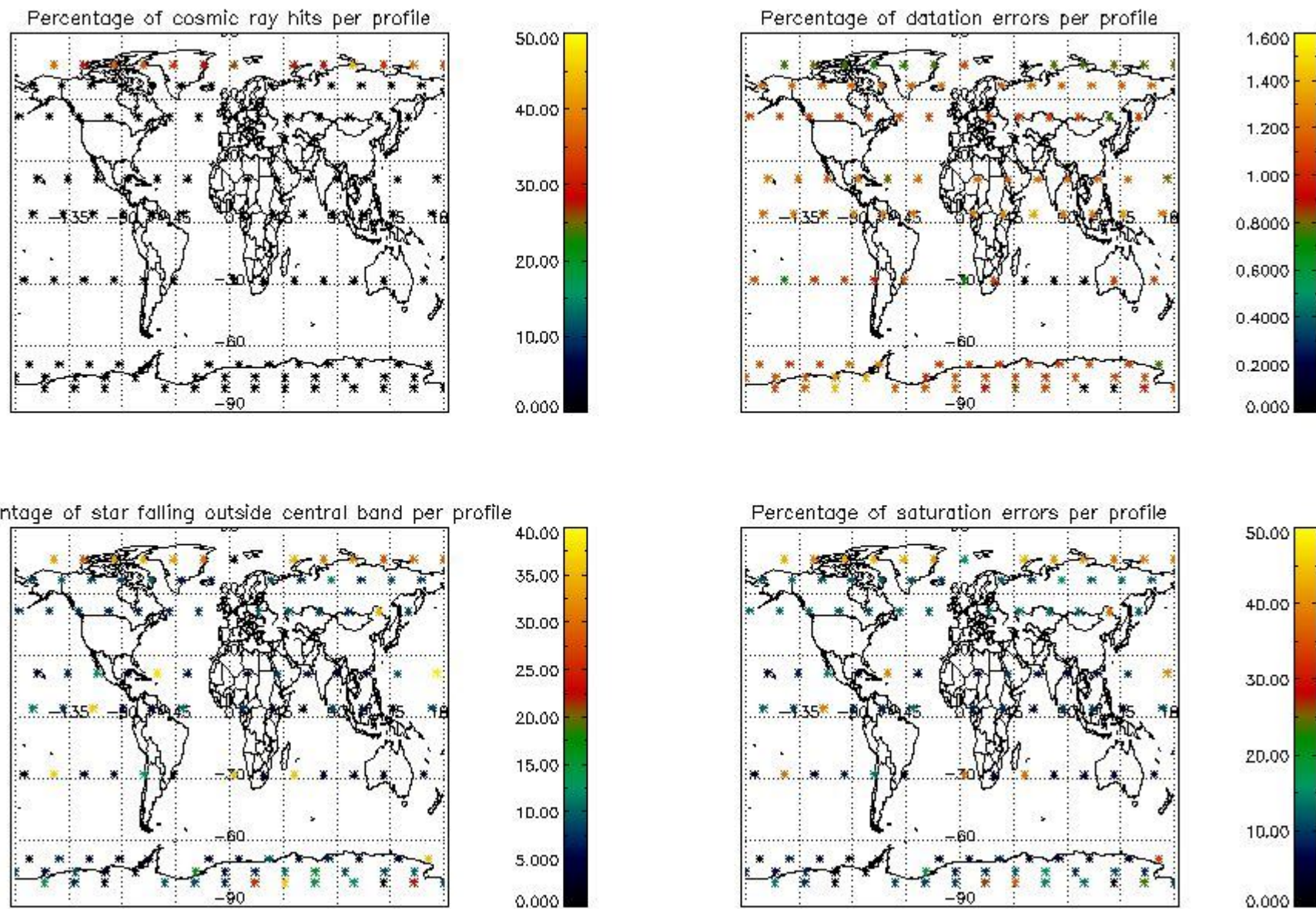
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

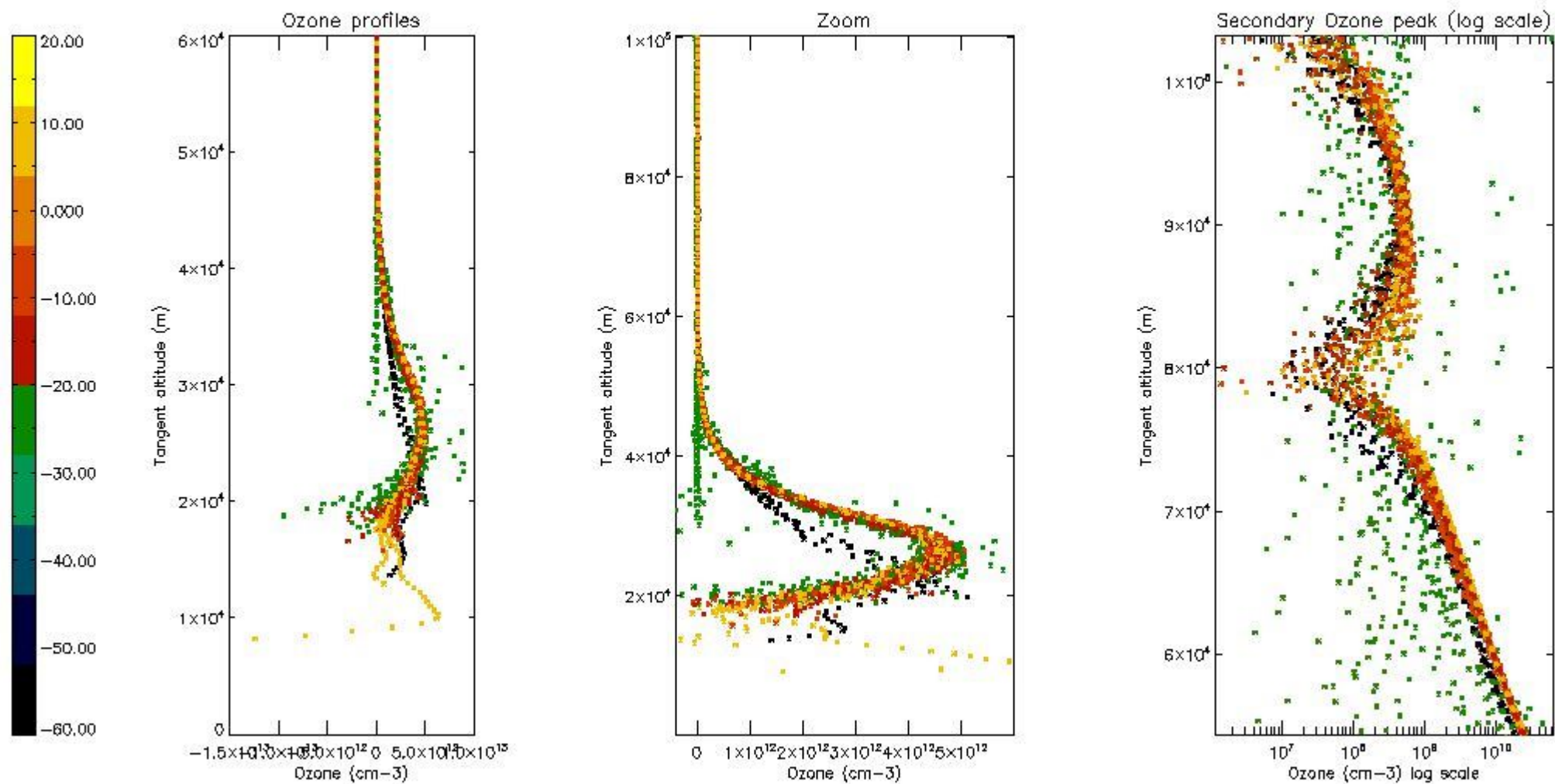
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	32
STD < 20	19

STD < 10	16
STD < 5	13

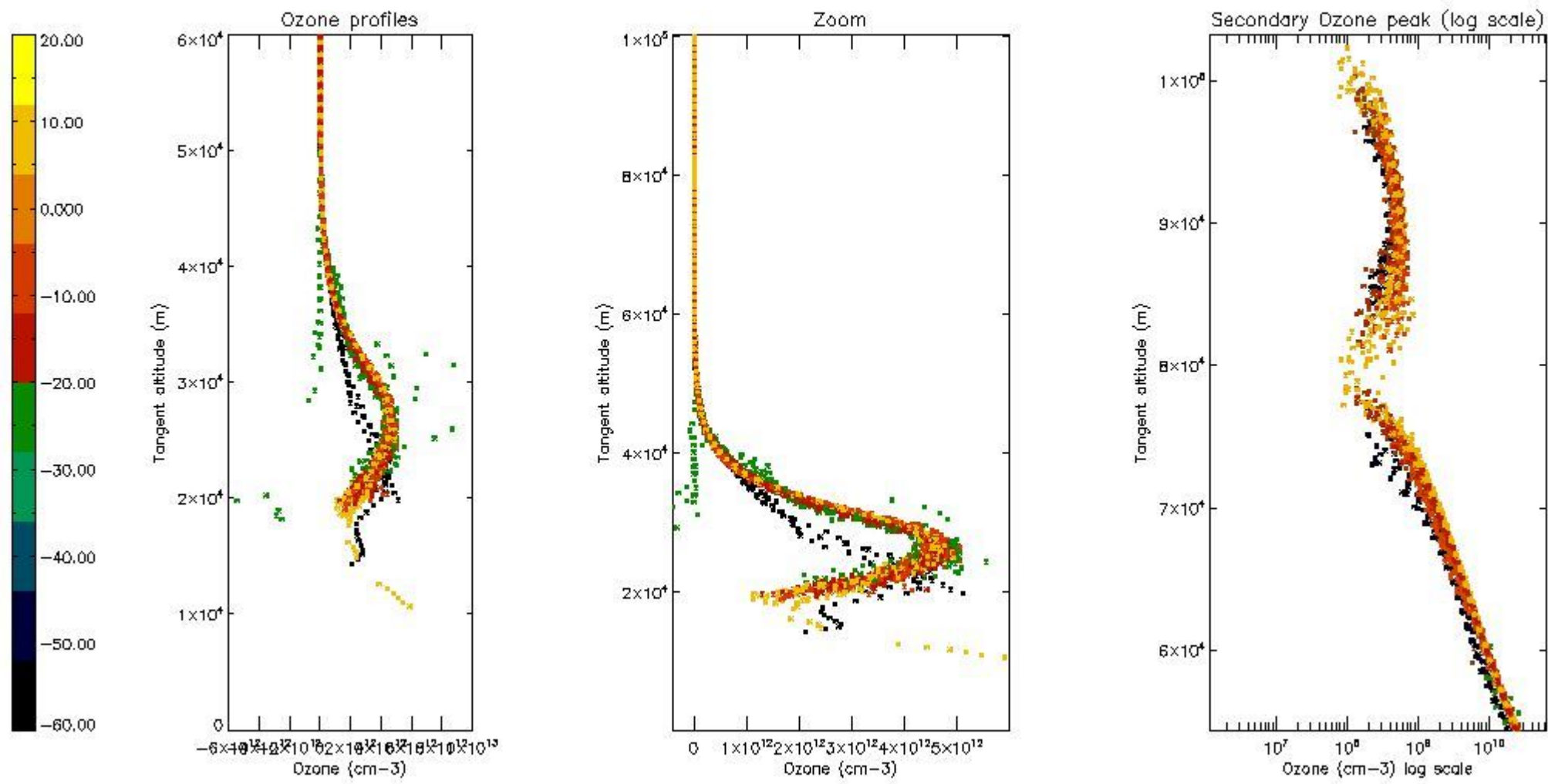
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



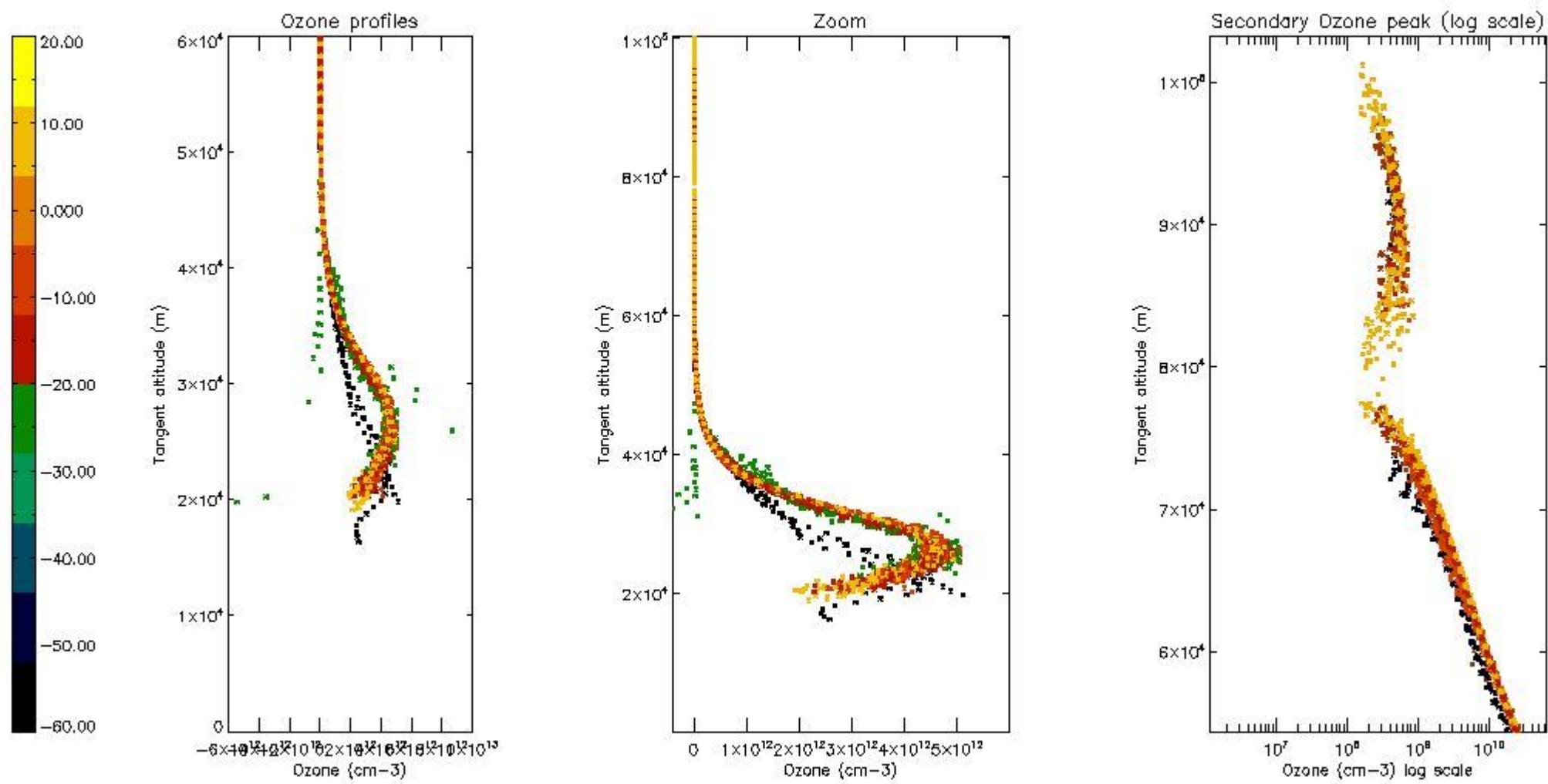
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



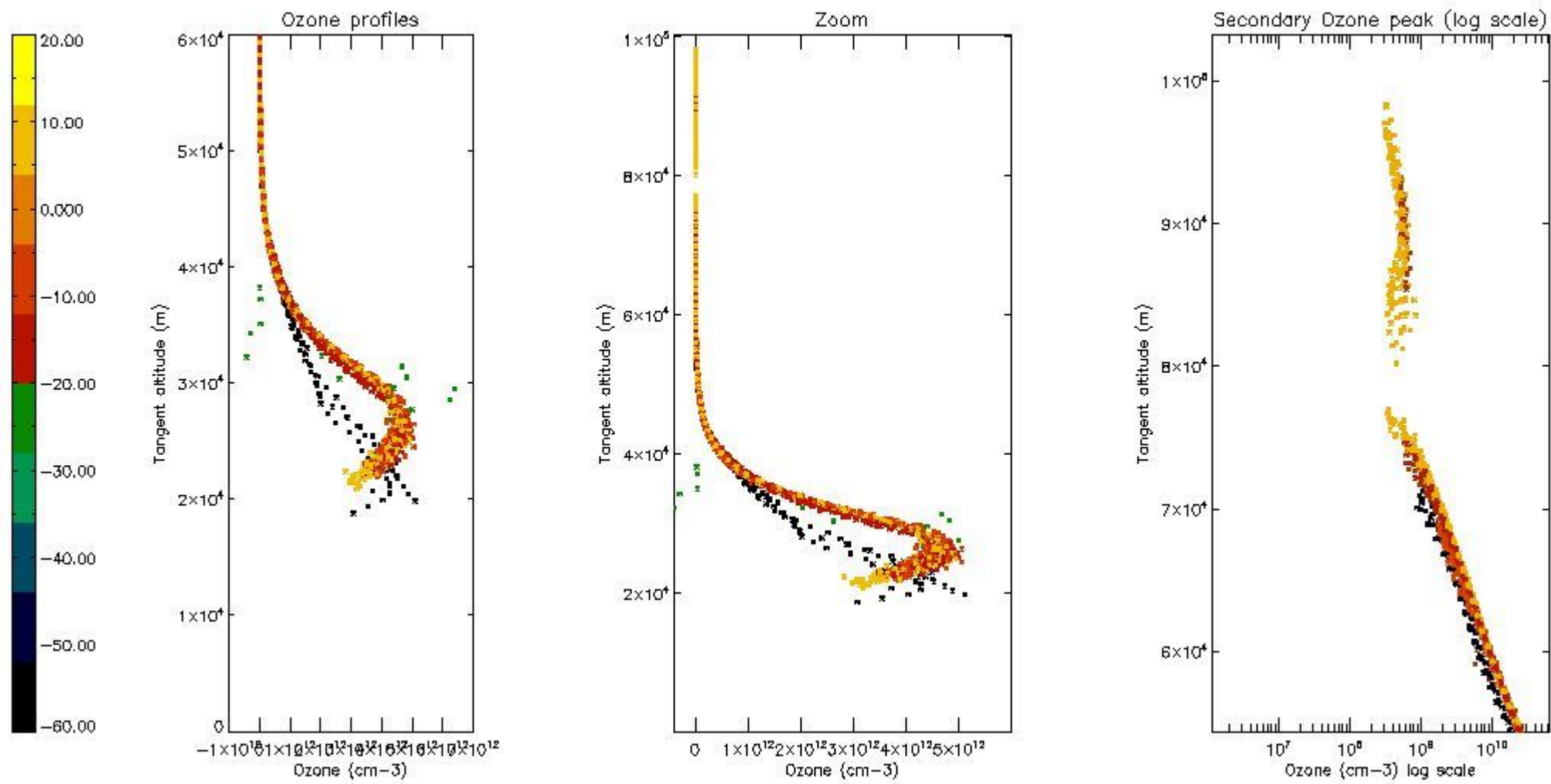
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



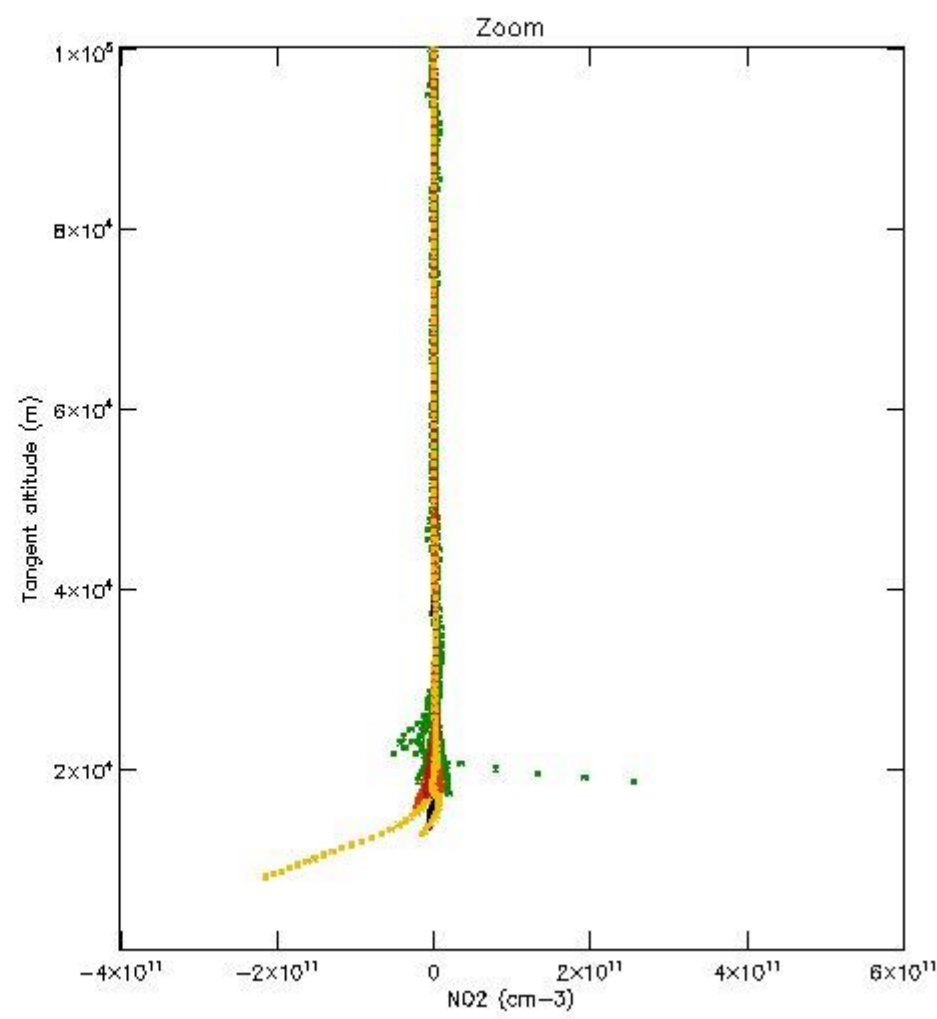
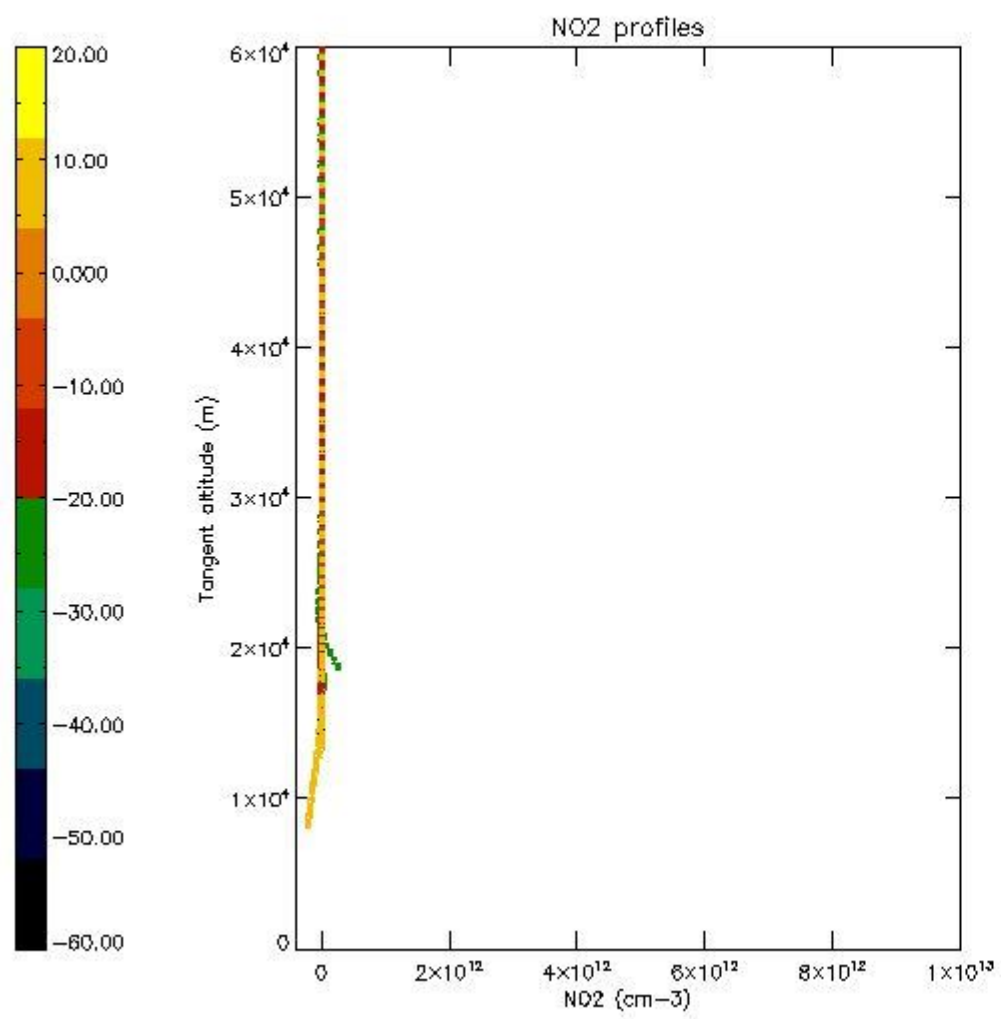
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



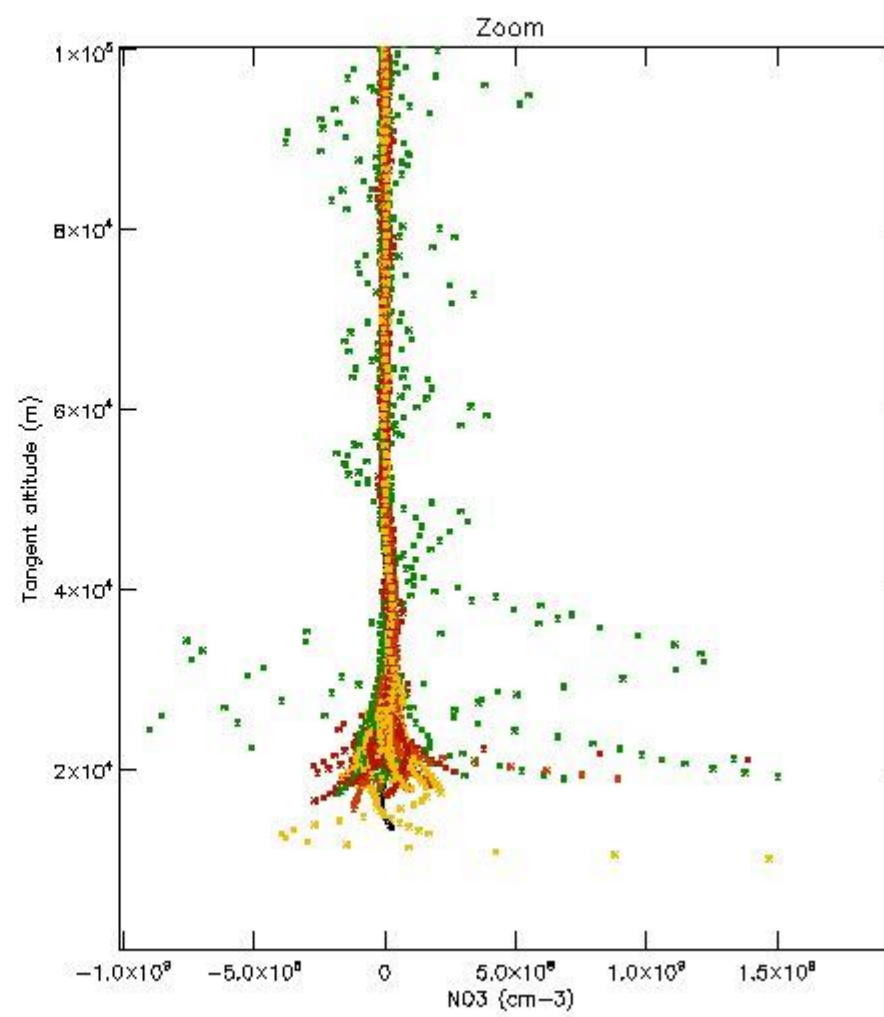
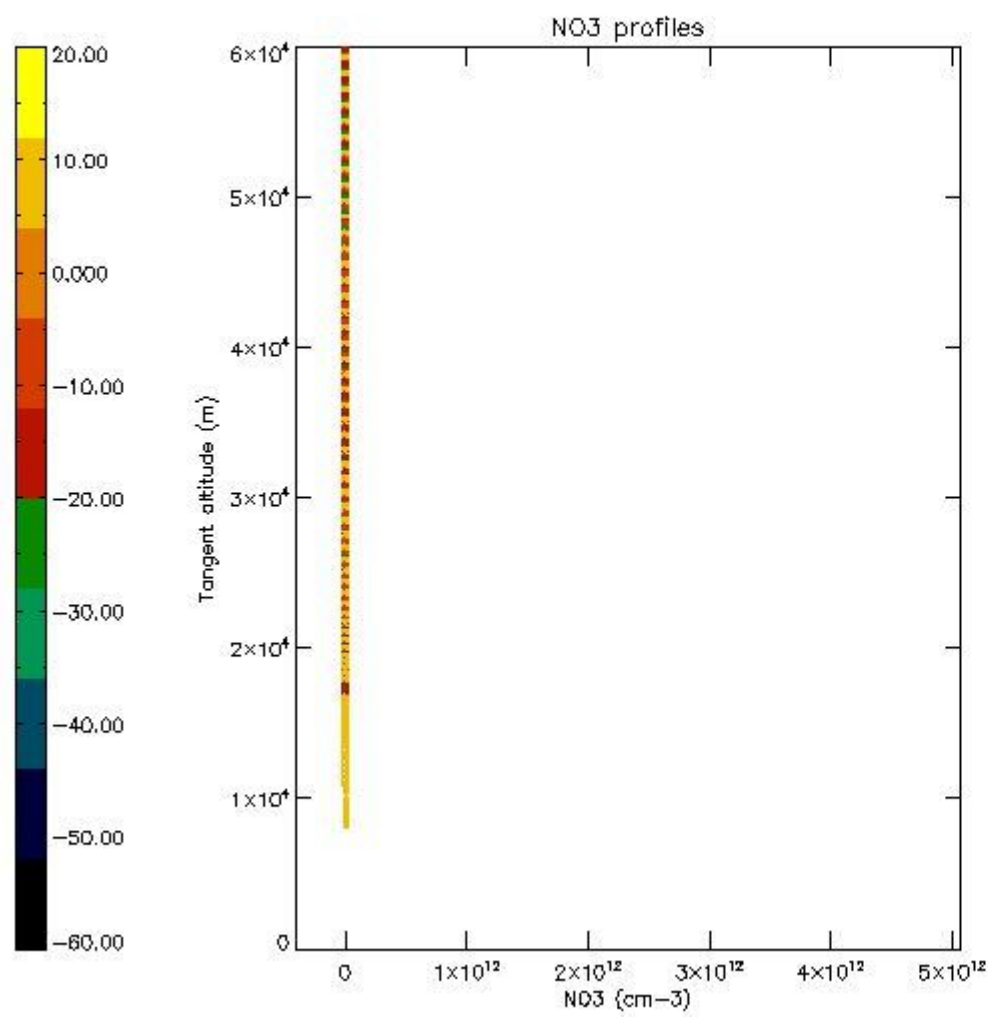
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

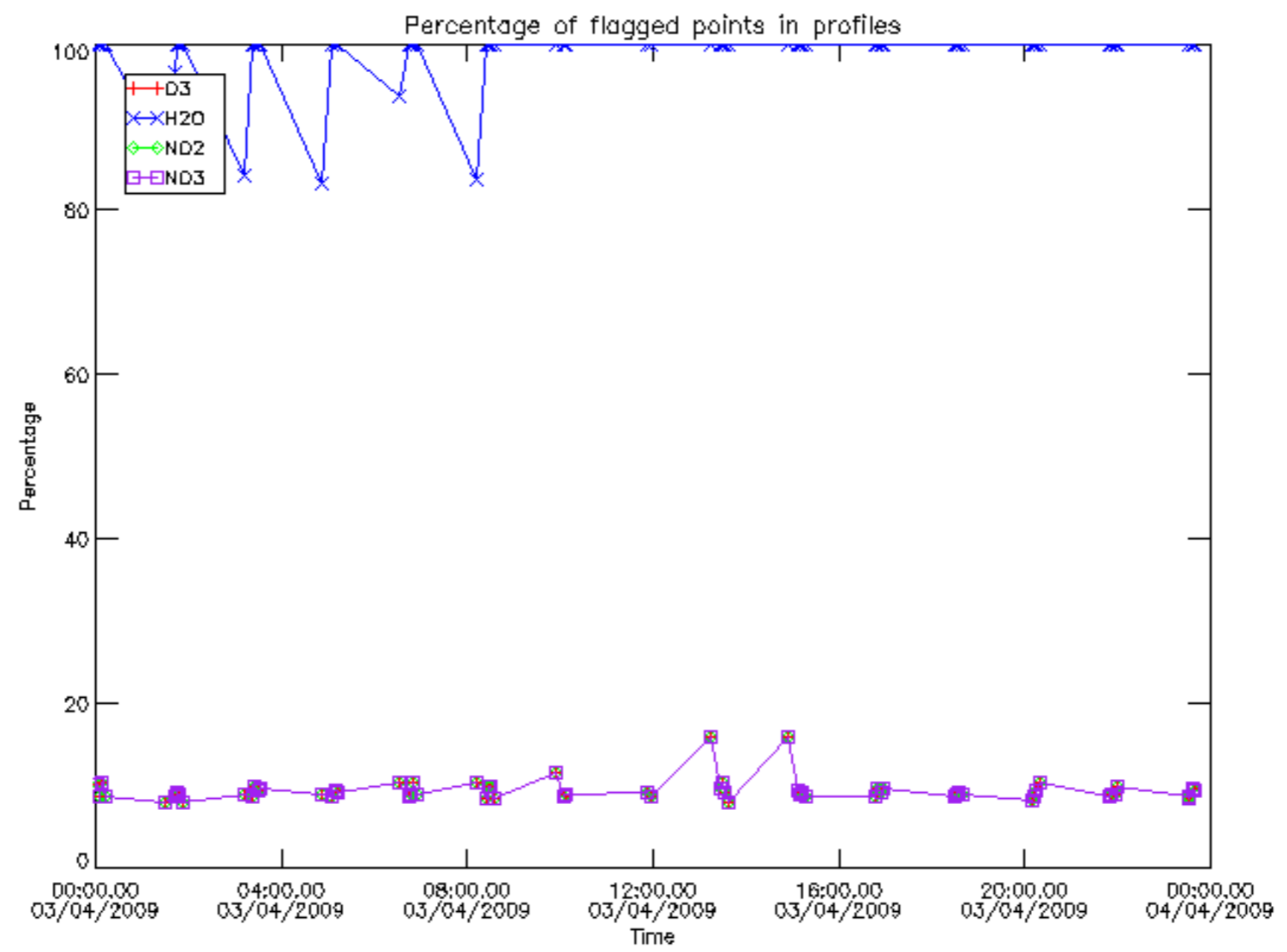
The colorbar represents the latitude.



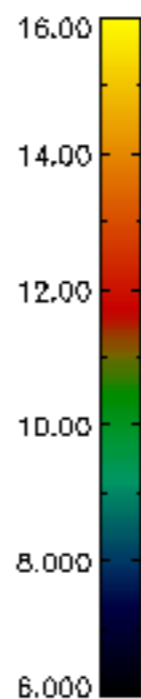
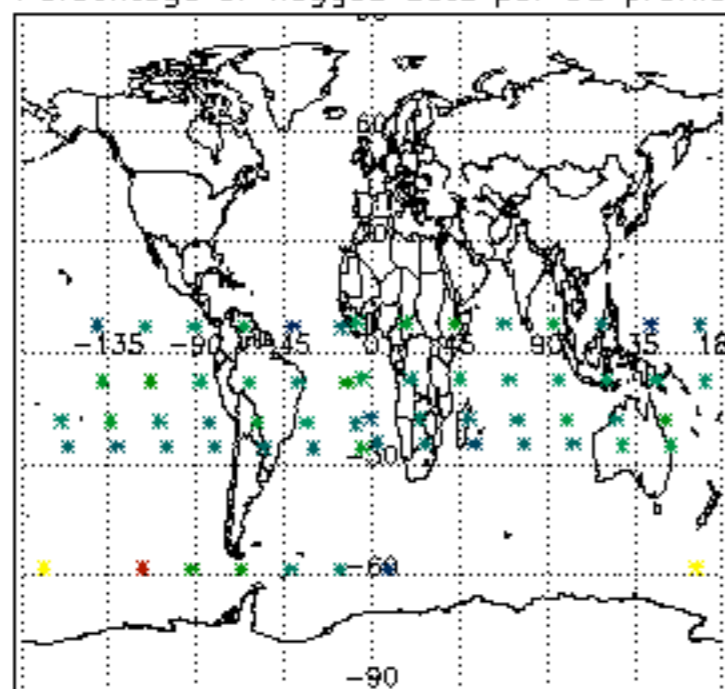
6. Auxiliary Data Files used for the production reported in section 2

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

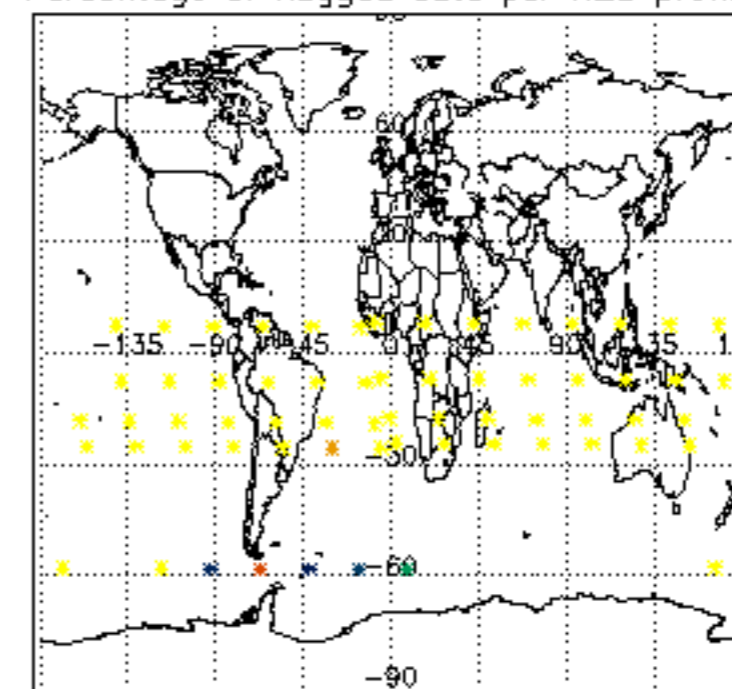
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-APR-2009 00:01:56
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-APR-2009 00:01:56
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-APR-2009 00:01:56



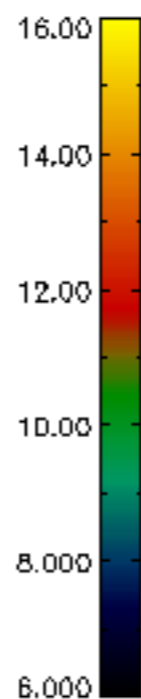
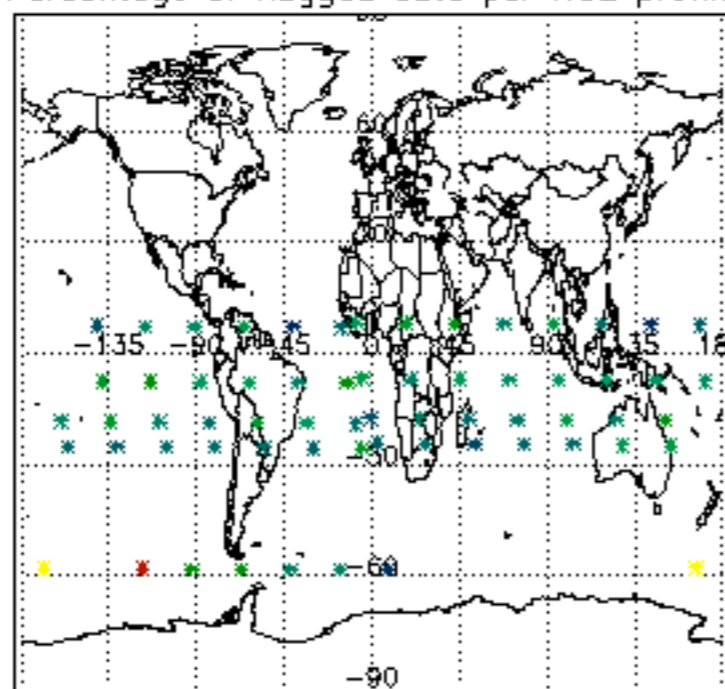
Percentage of flagged data per D3 profile



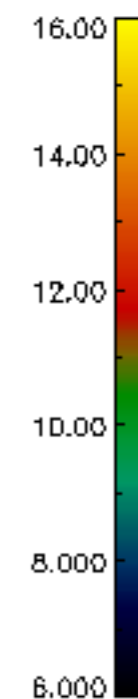
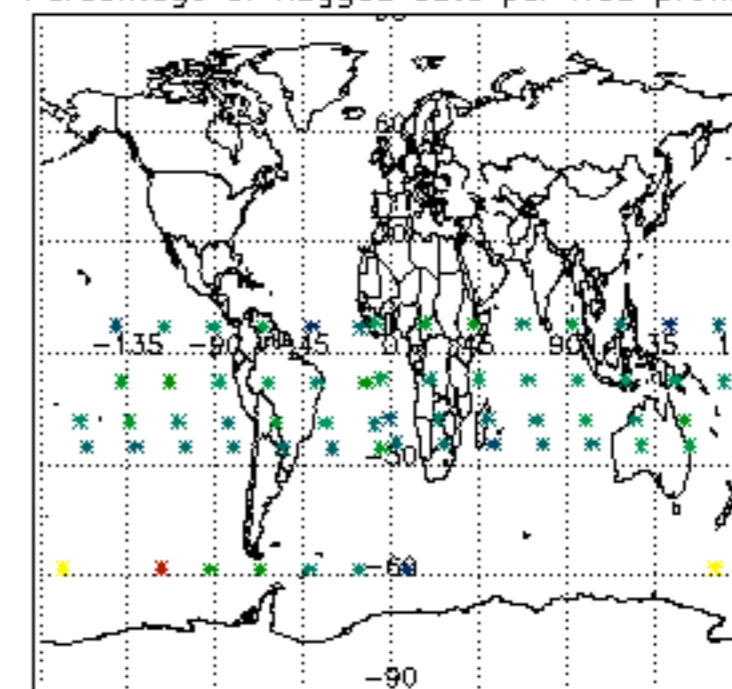
Percentage of flagged data per H2O profile

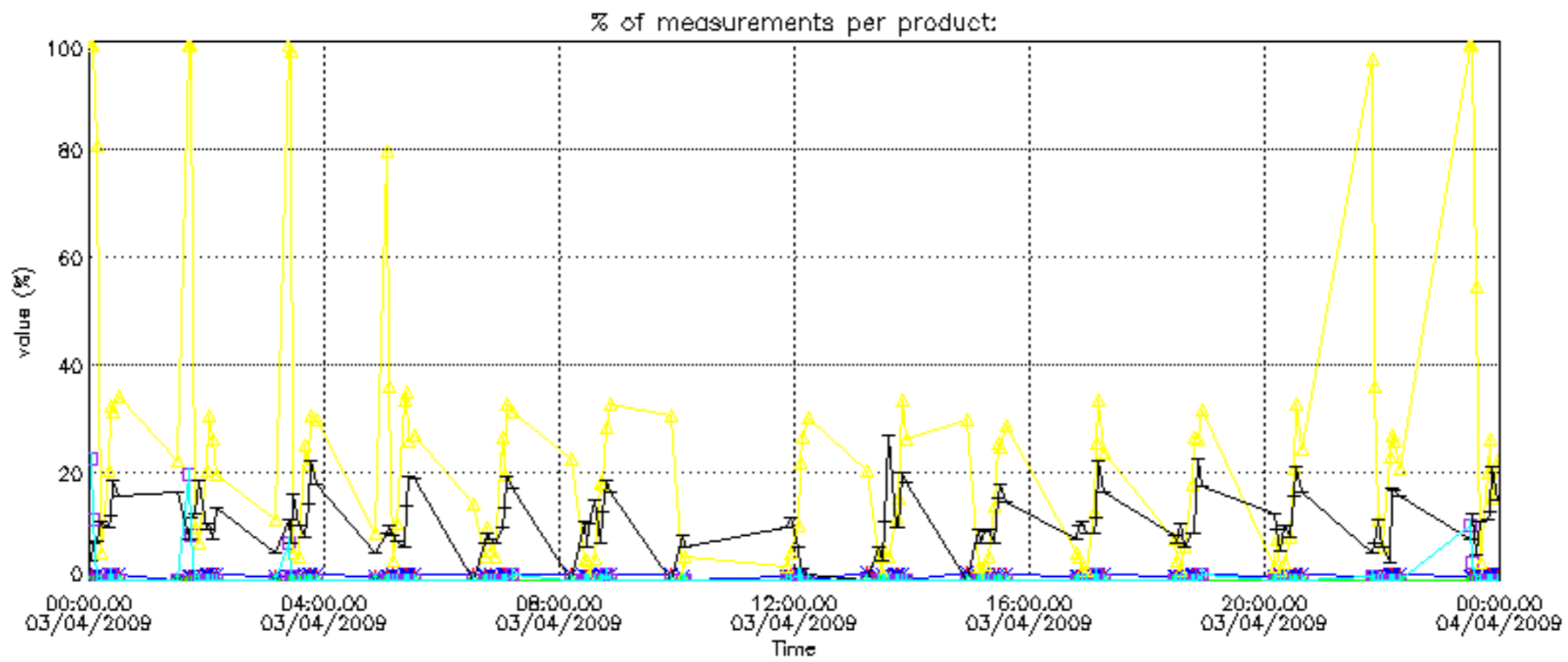


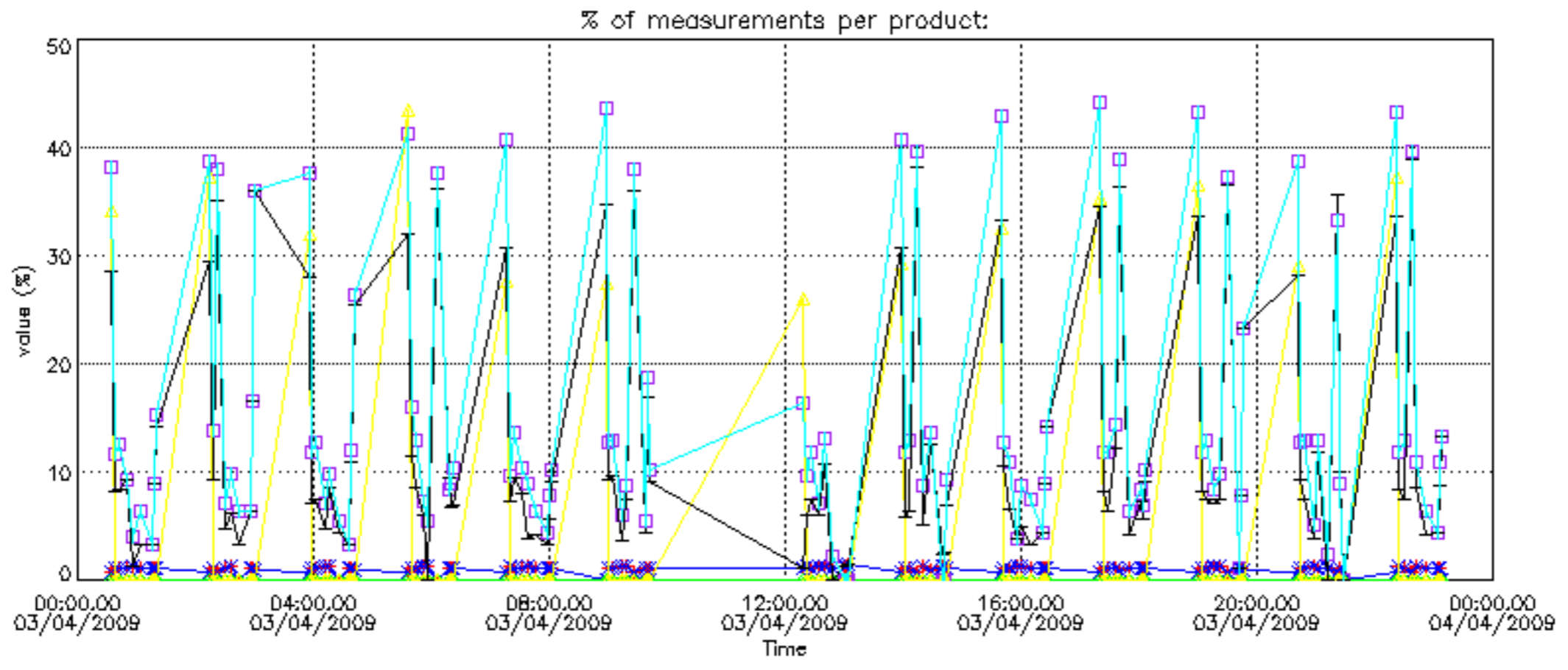
Percentage of flagged data per NO2 profile



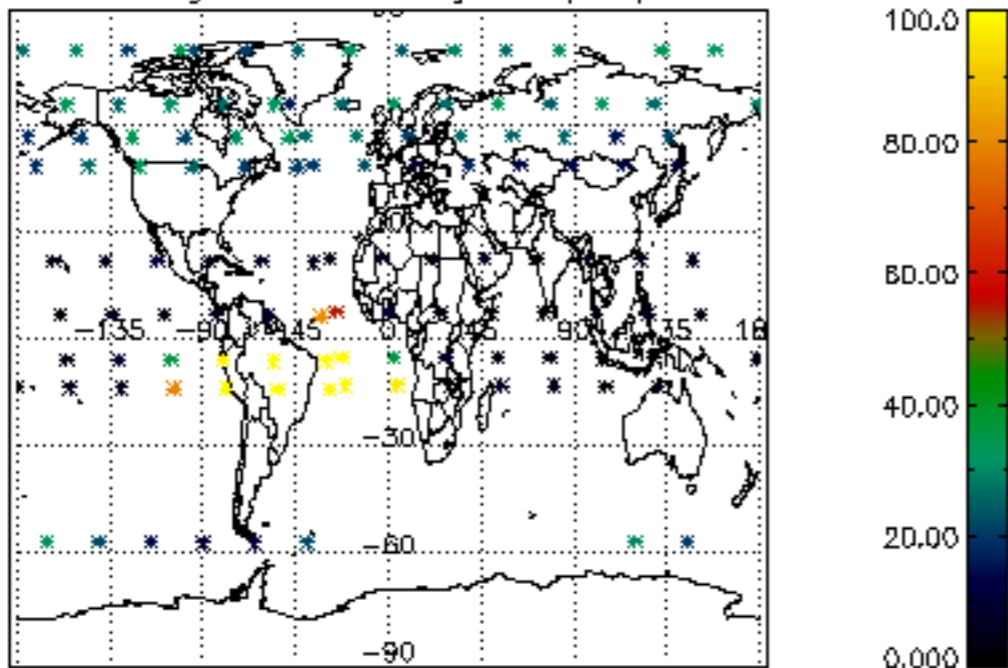
Percentage of flagged data per NO3 profile



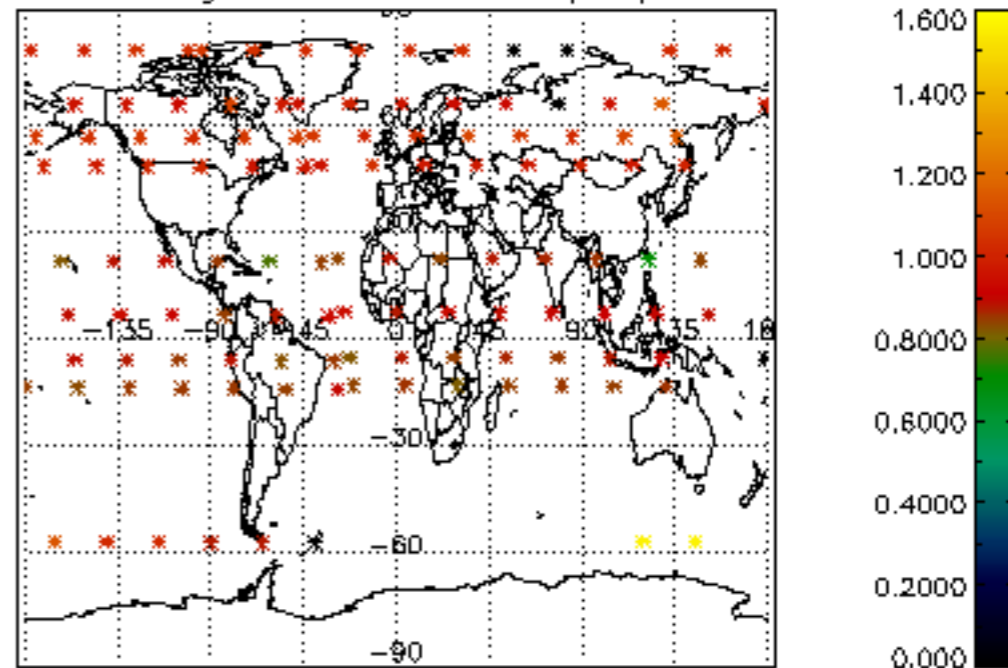




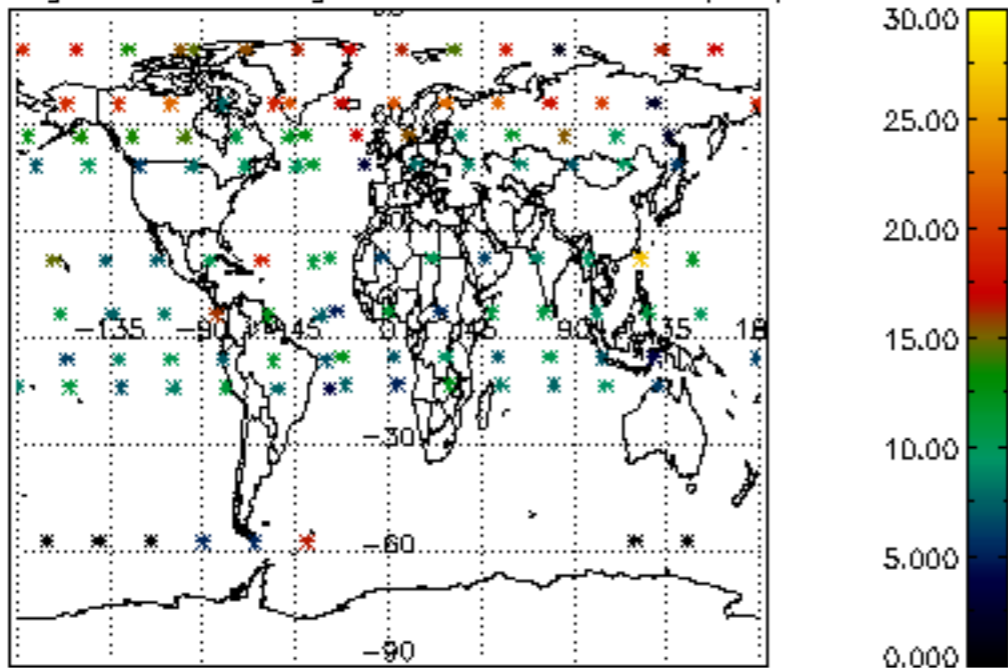
Percentage of cosmic ray hits per profile



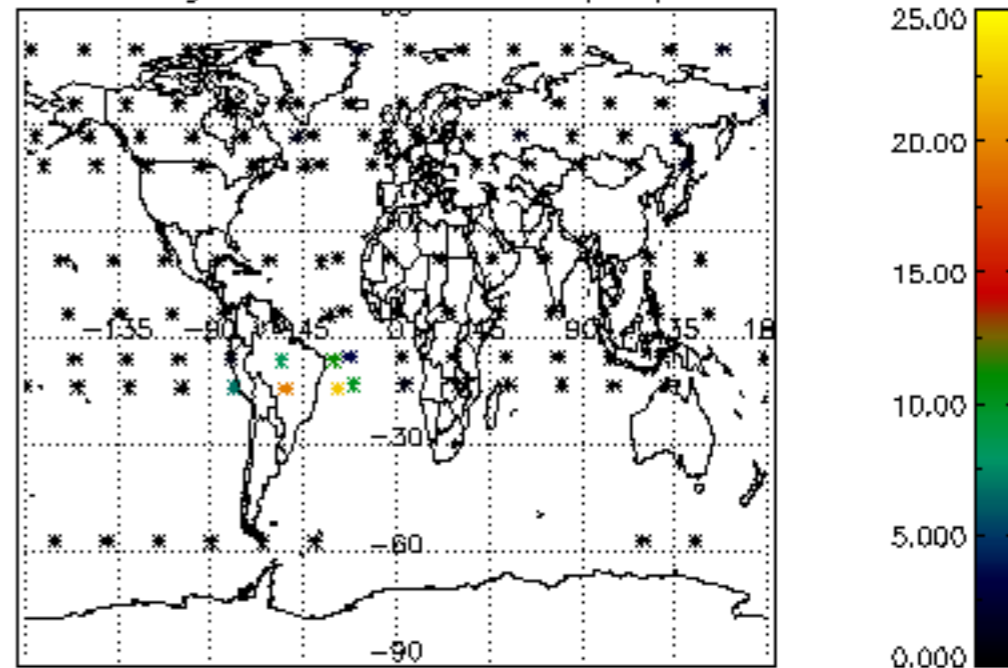
Percentage of datation errors per profile



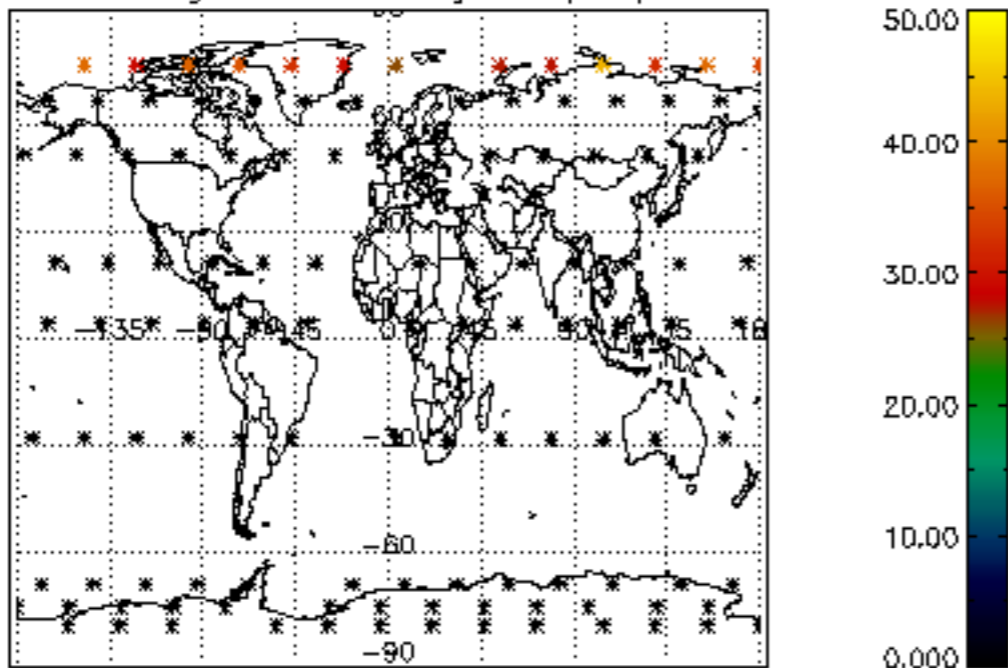
Percentage of star falling outside central band per profile



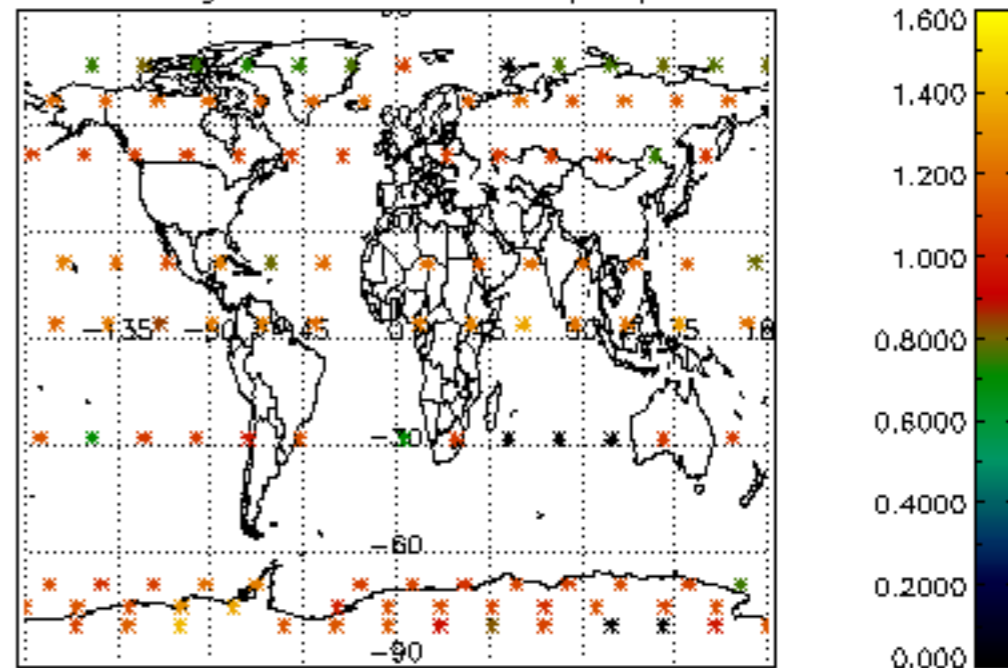
Percentage of saturation errors per profile



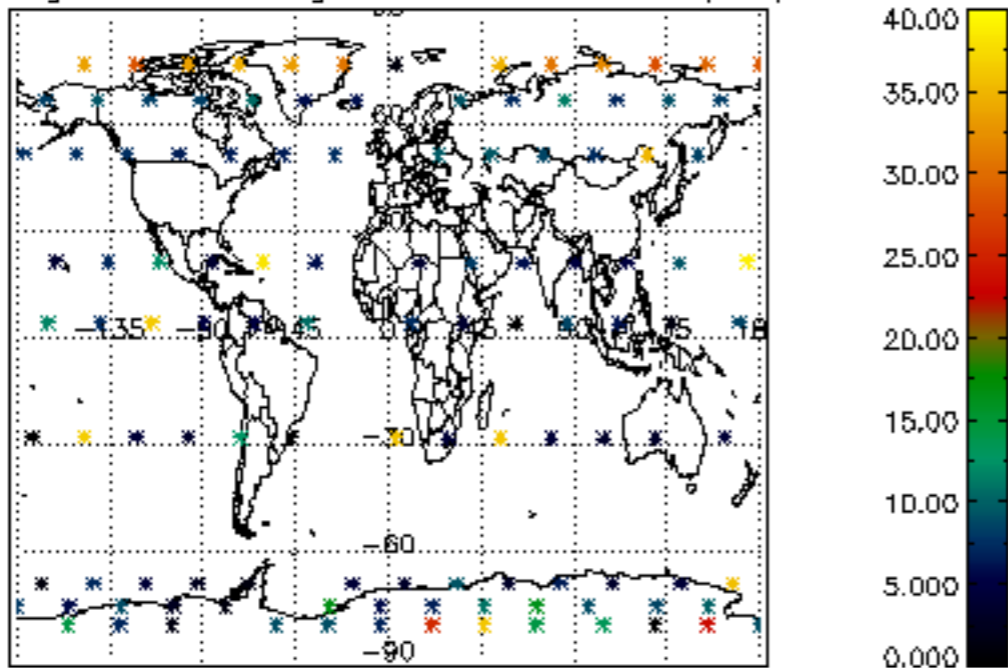
Percentage of cosmic ray hits per profile



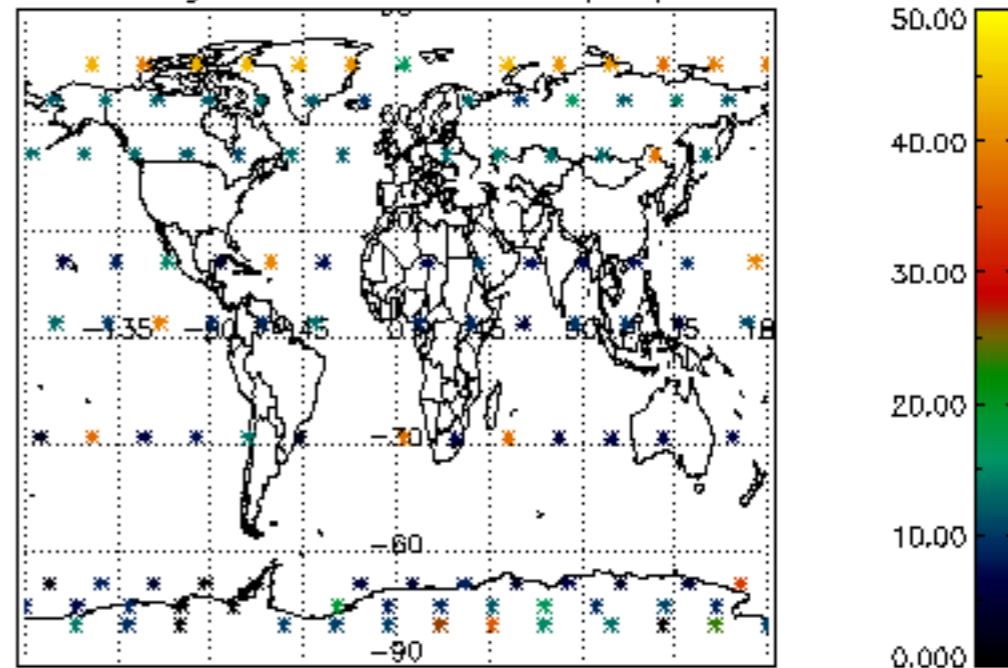
Percentage of datation errors per profile

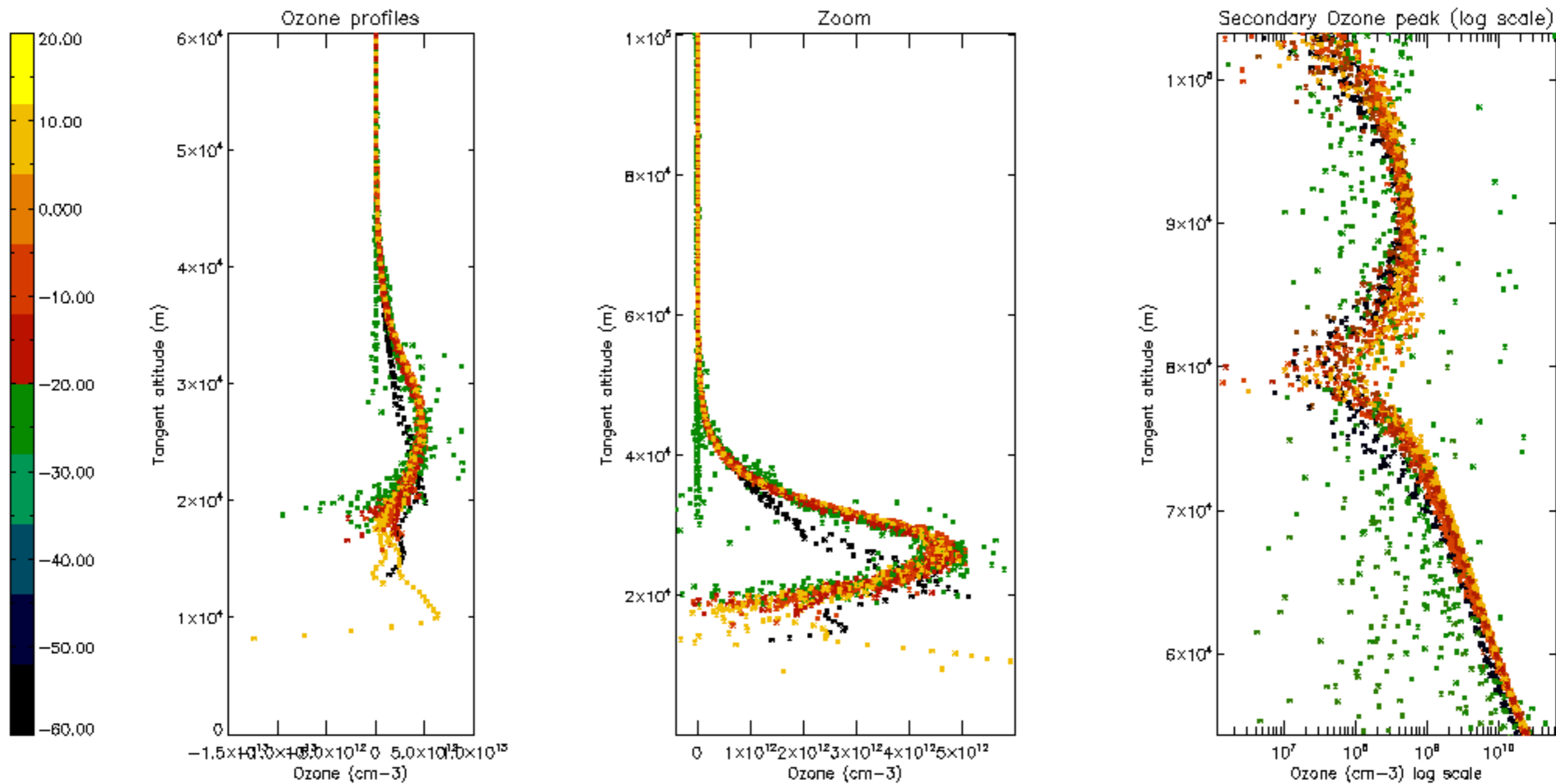


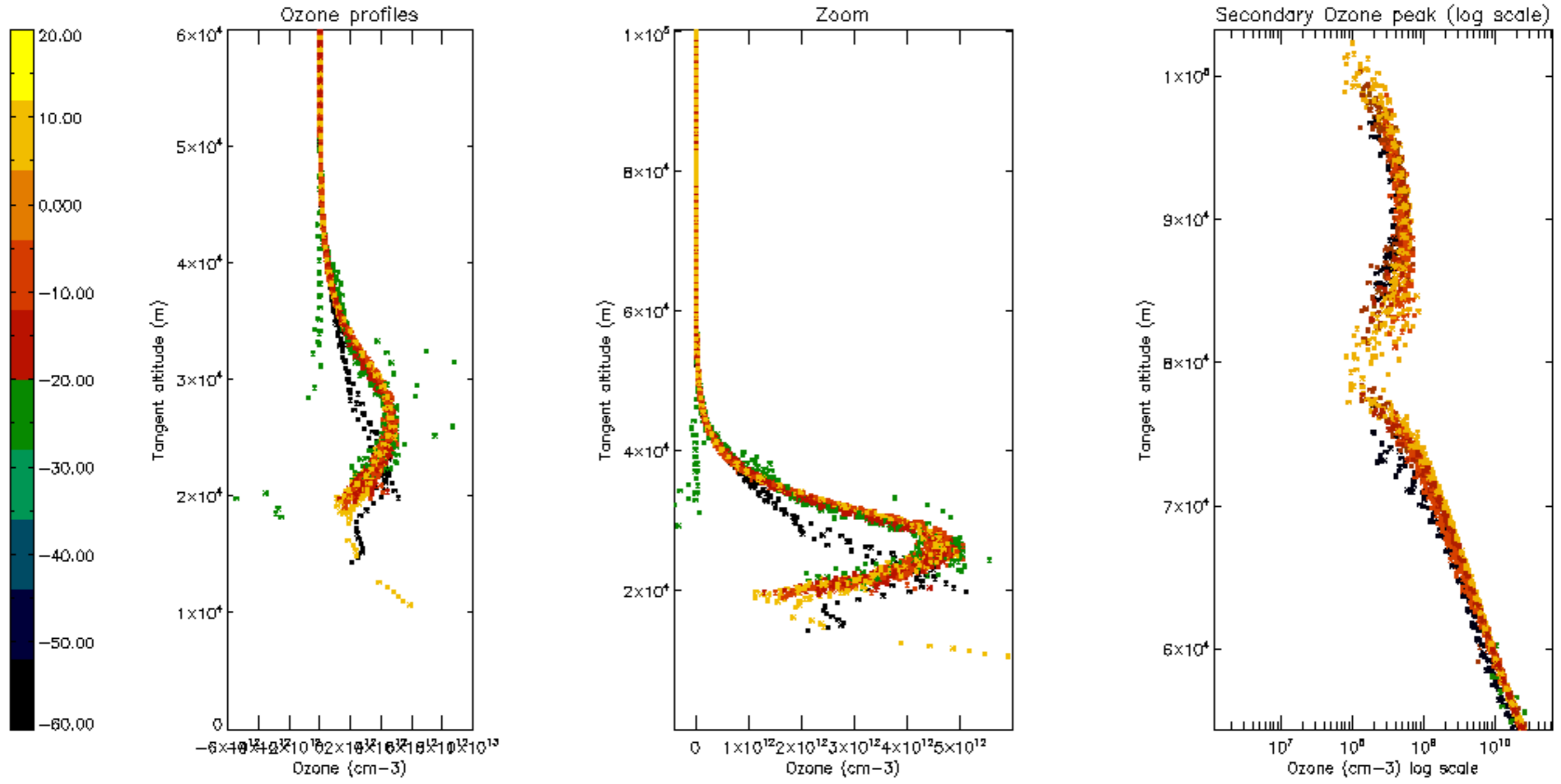
Percentage of star falling outside central band per profile

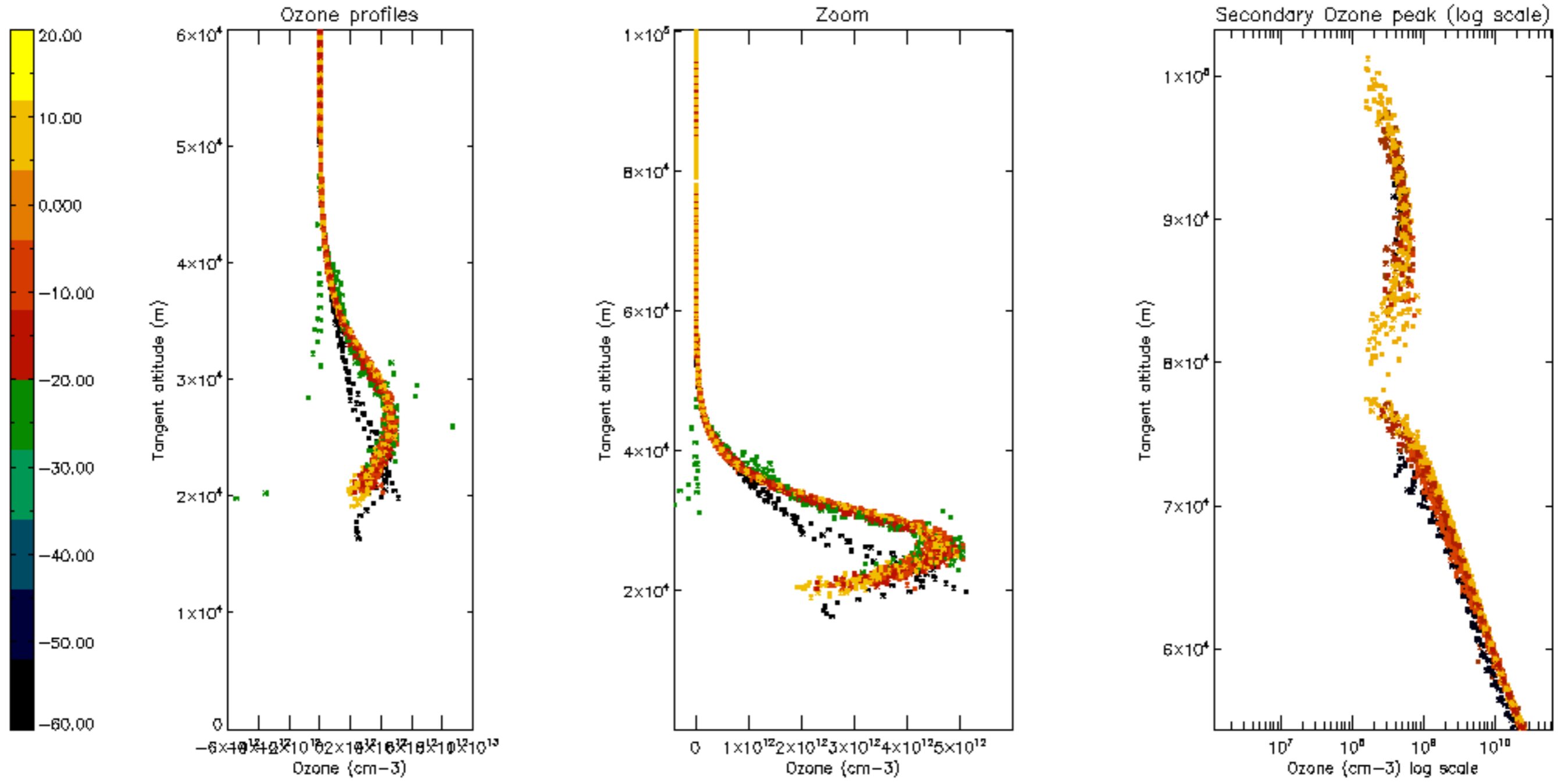


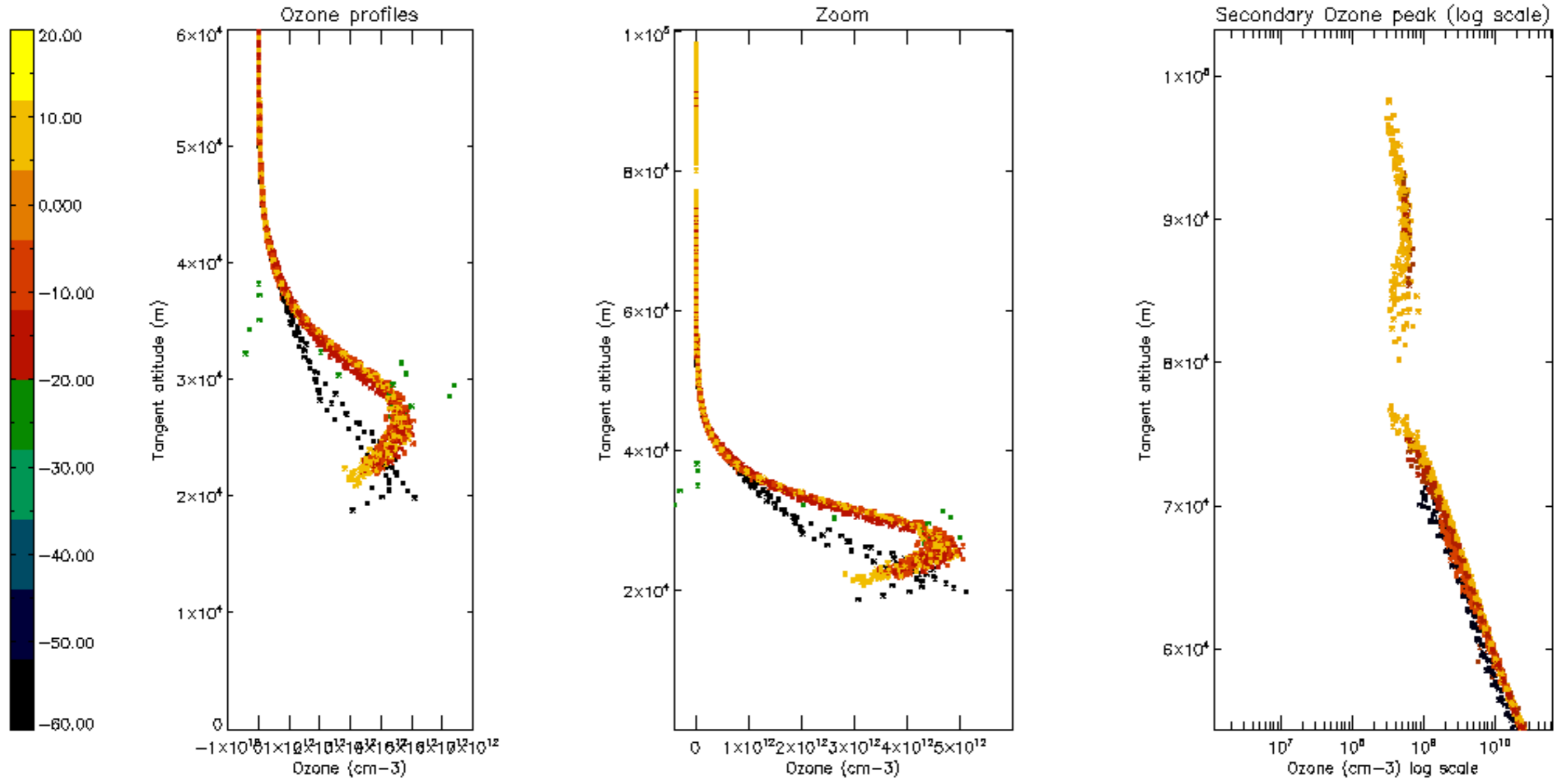
Percentage of saturation errors per profile

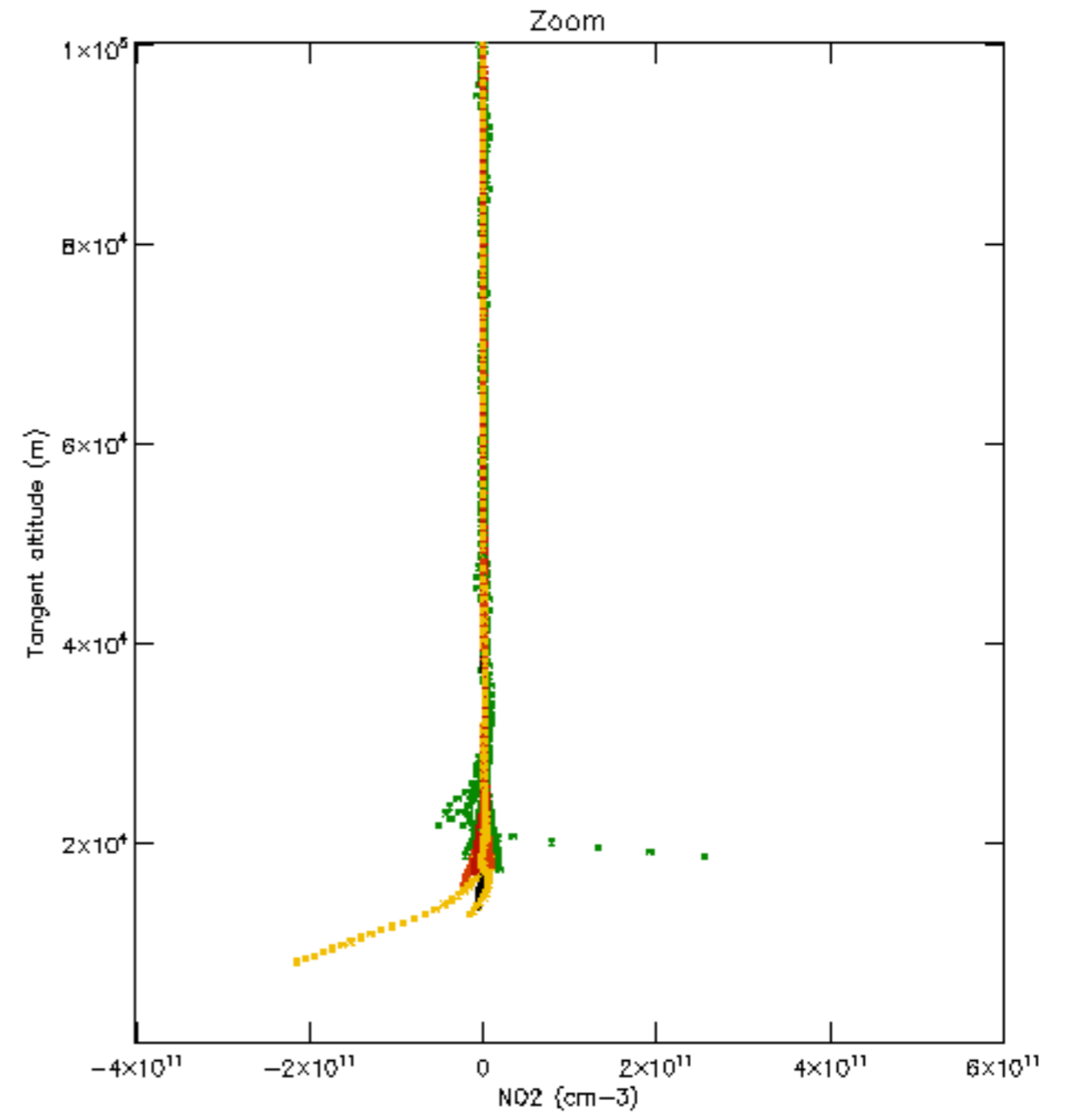
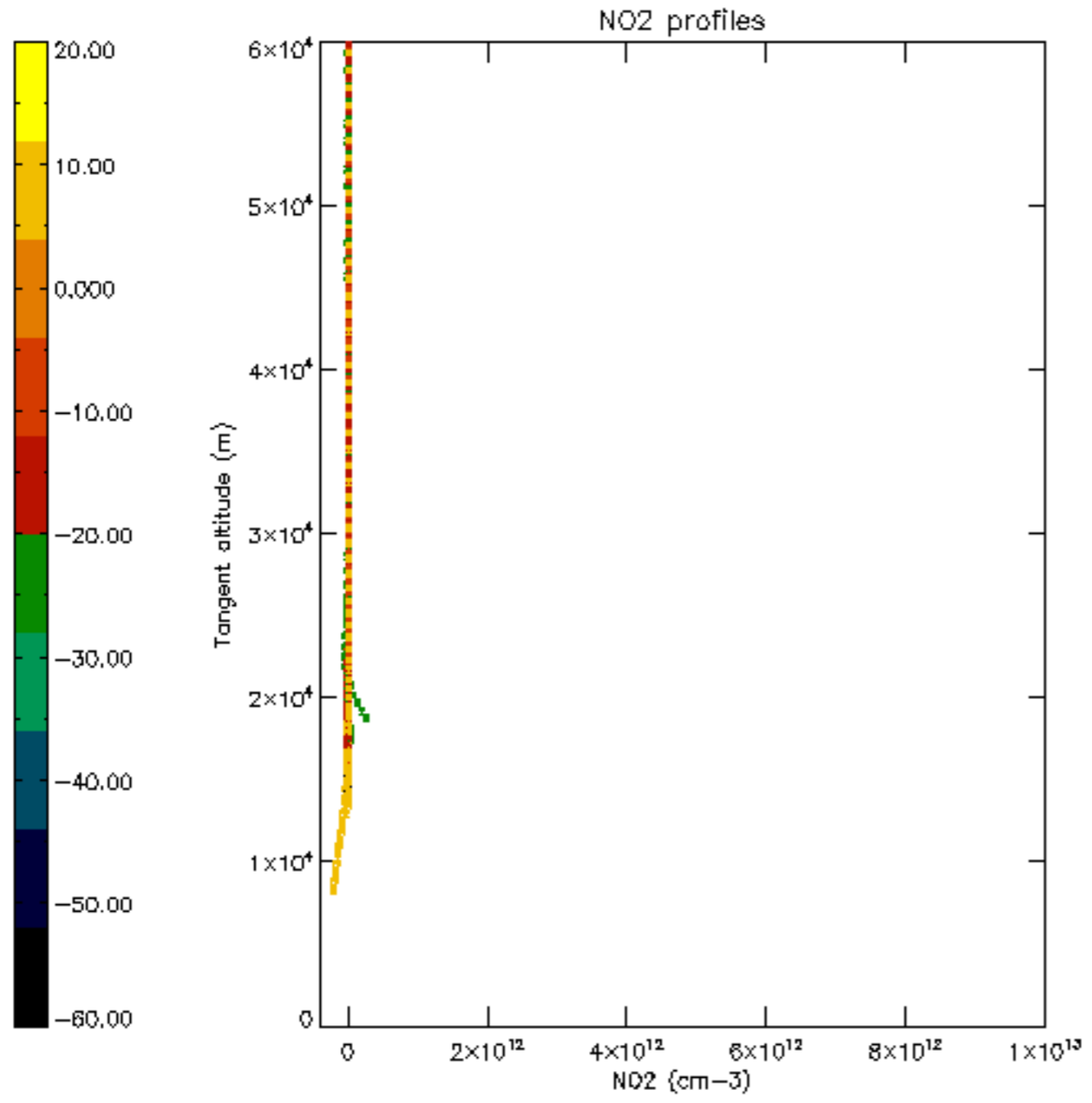


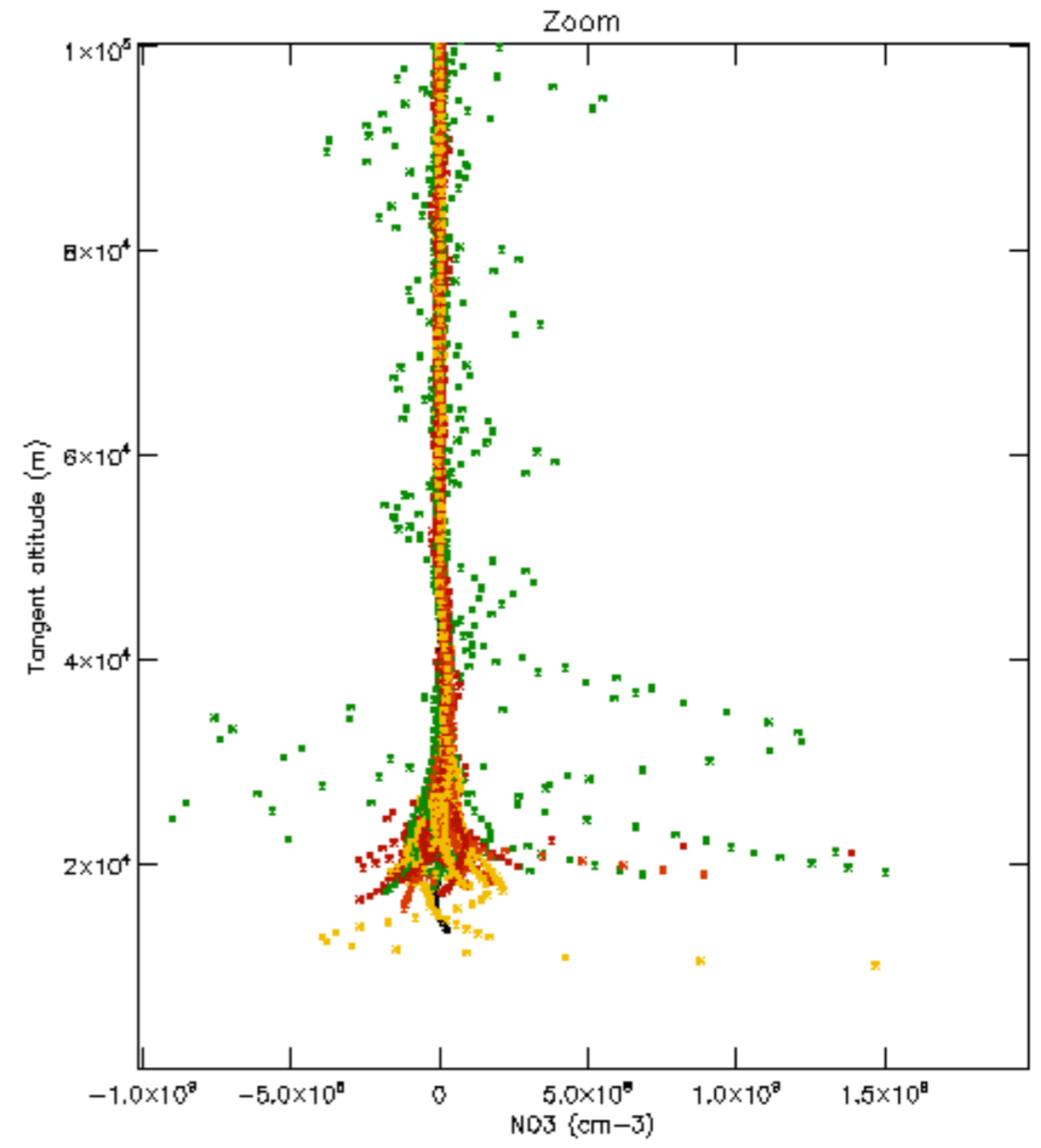
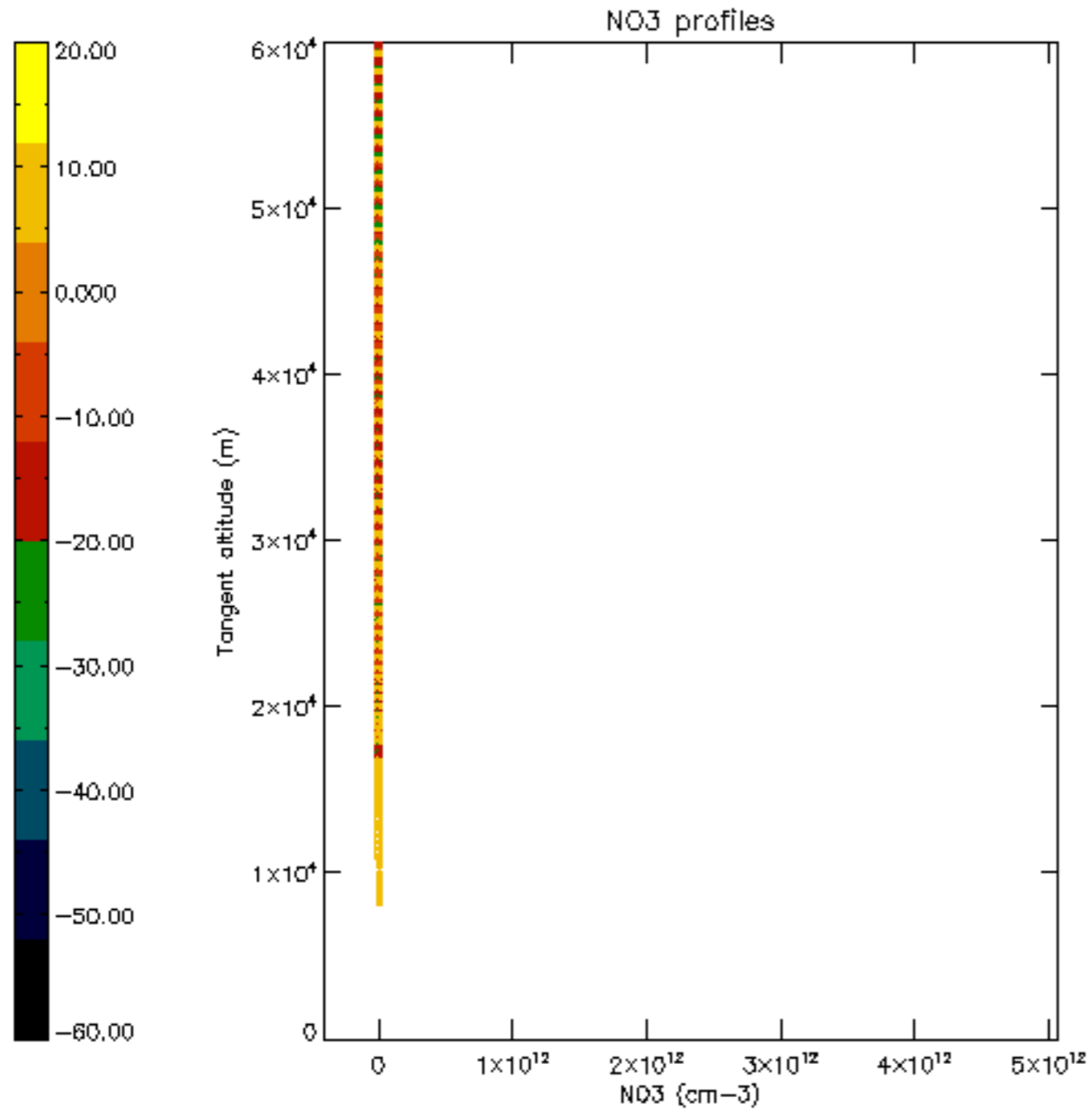


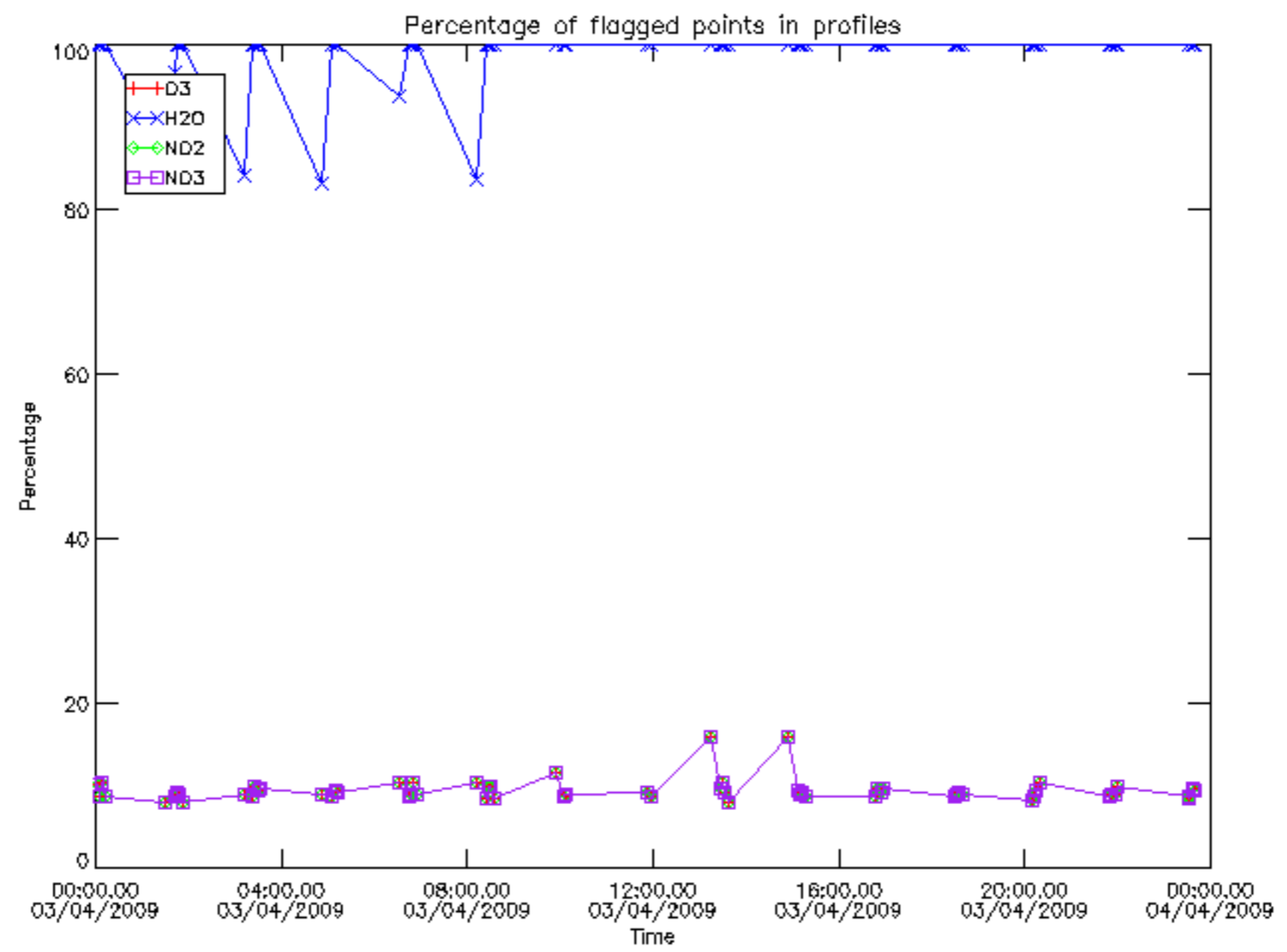




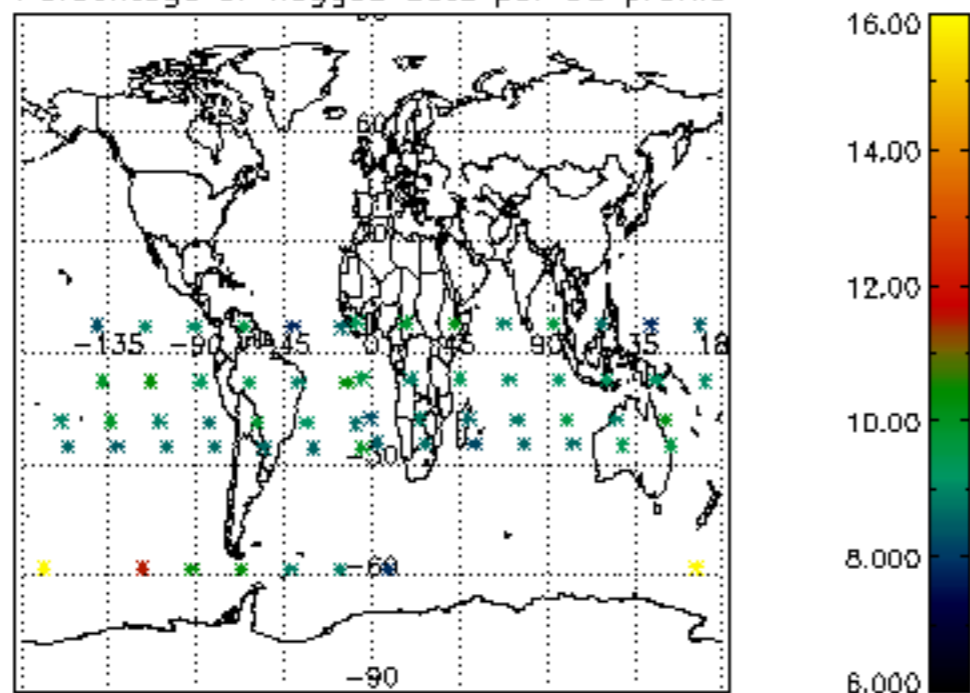




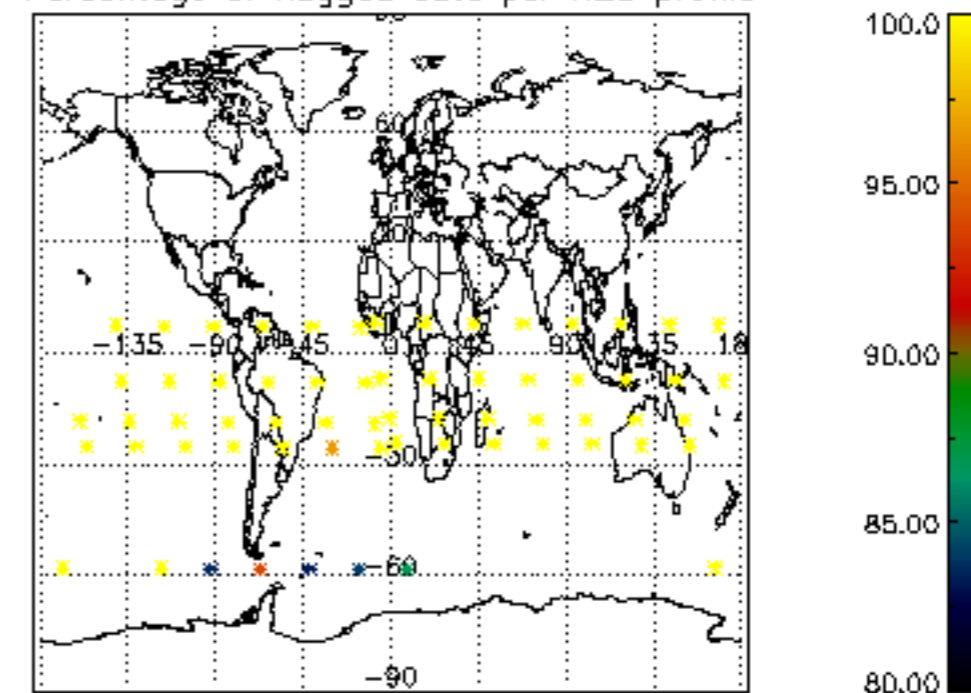




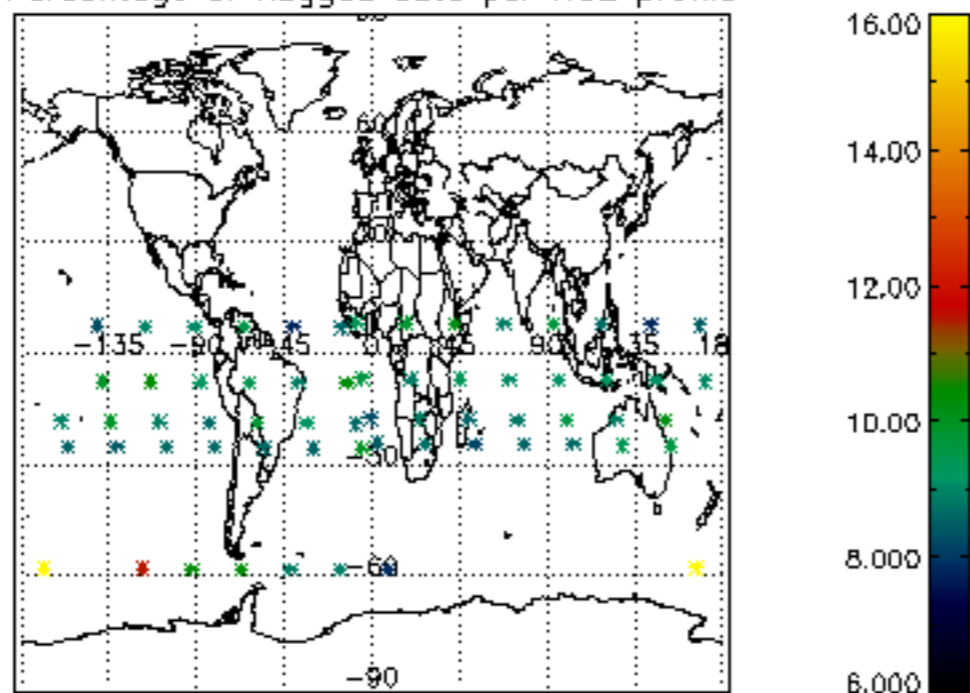
Percentage of flagged data per D3 profile



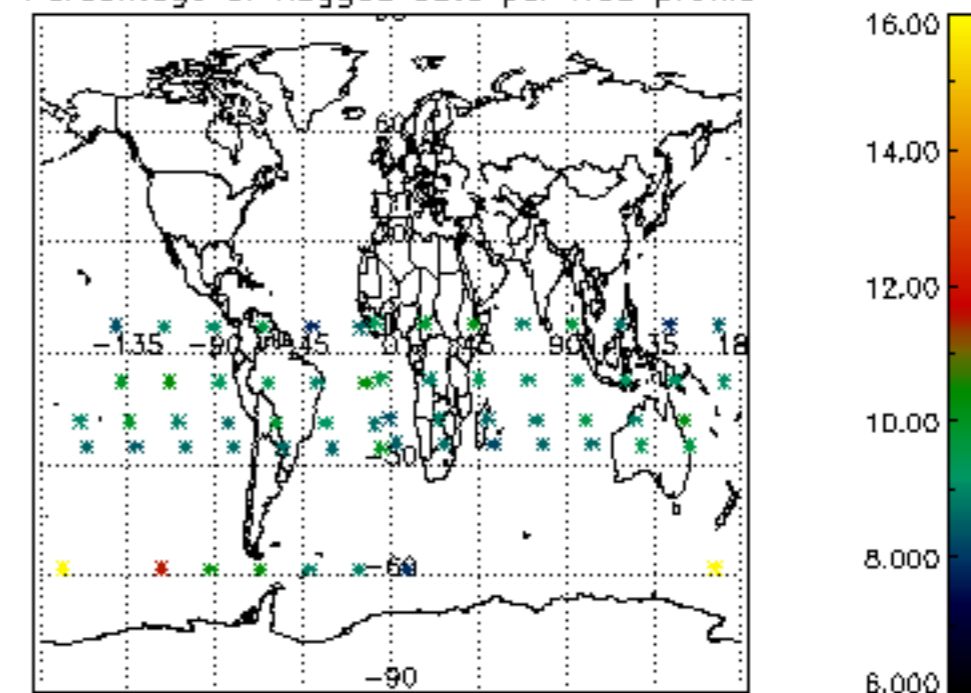
Percentage of flagged data per H2O profile

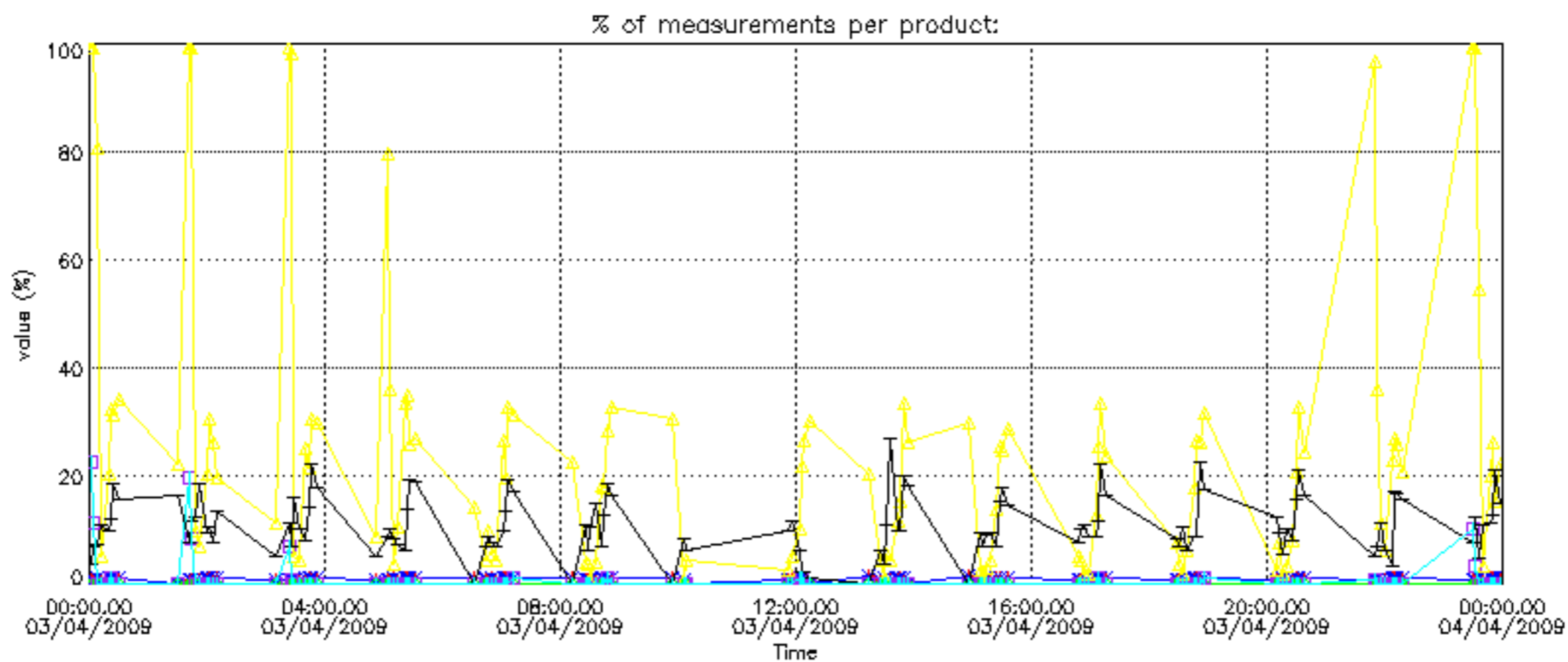


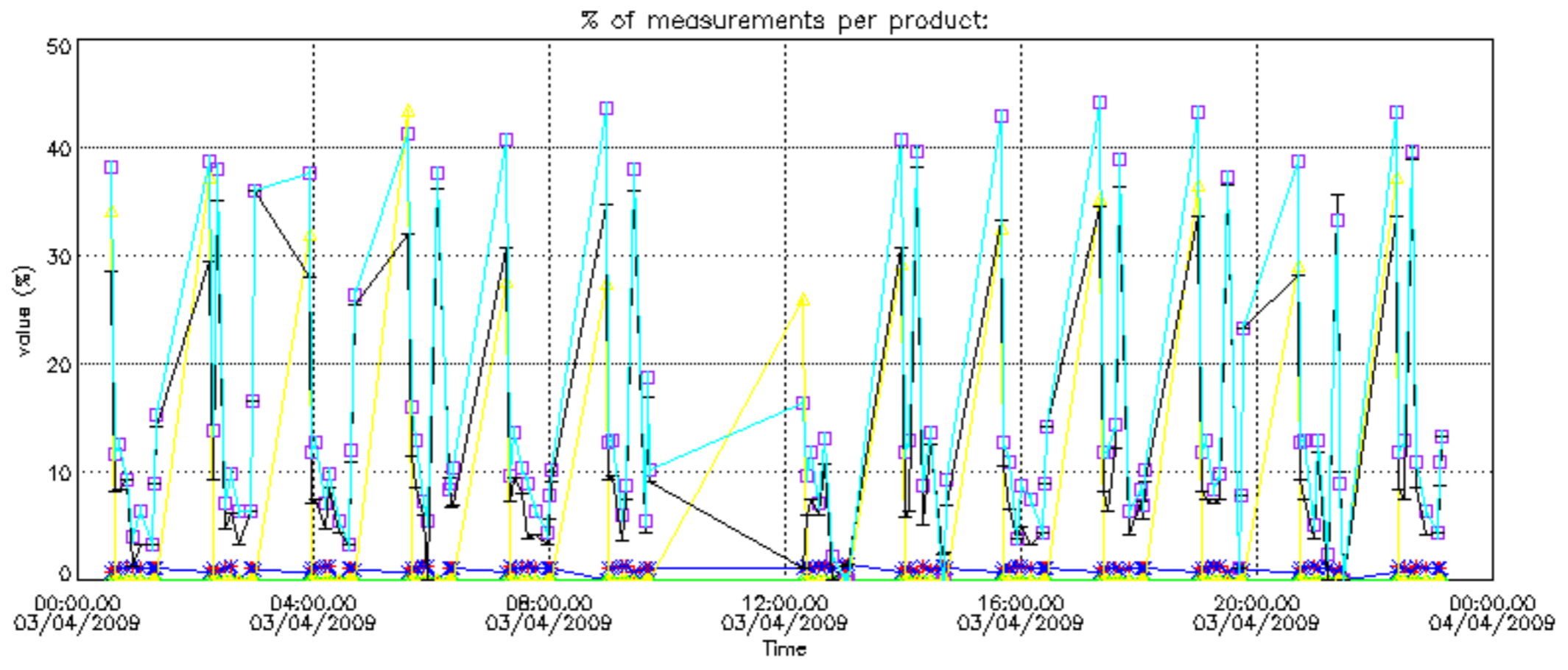
Percentage of flagged data per NO2 profile



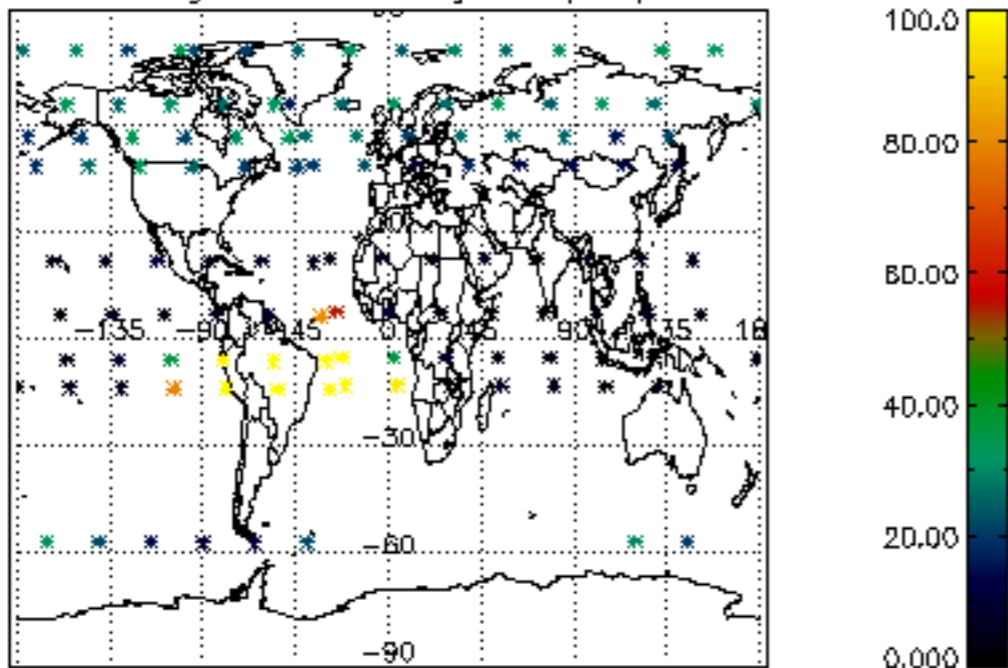
Percentage of flagged data per NO3 profile



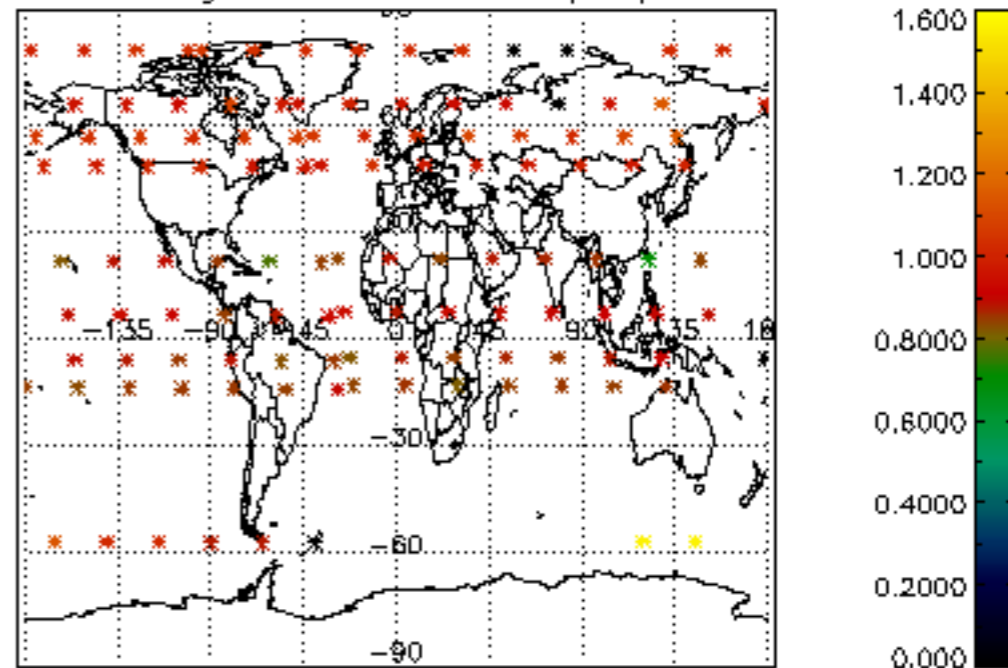




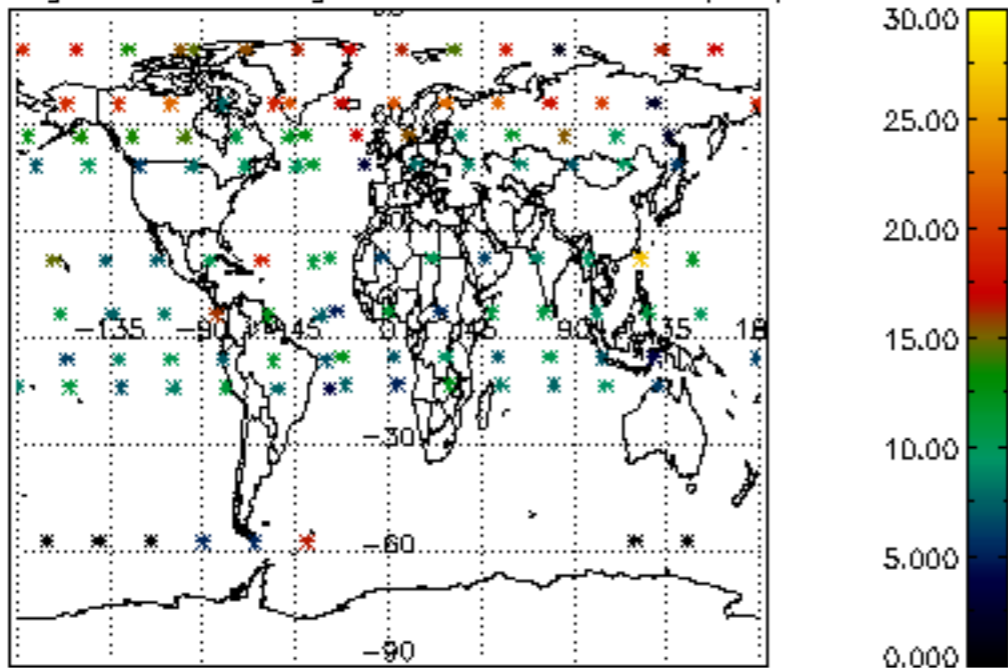
Percentage of cosmic ray hits per profile



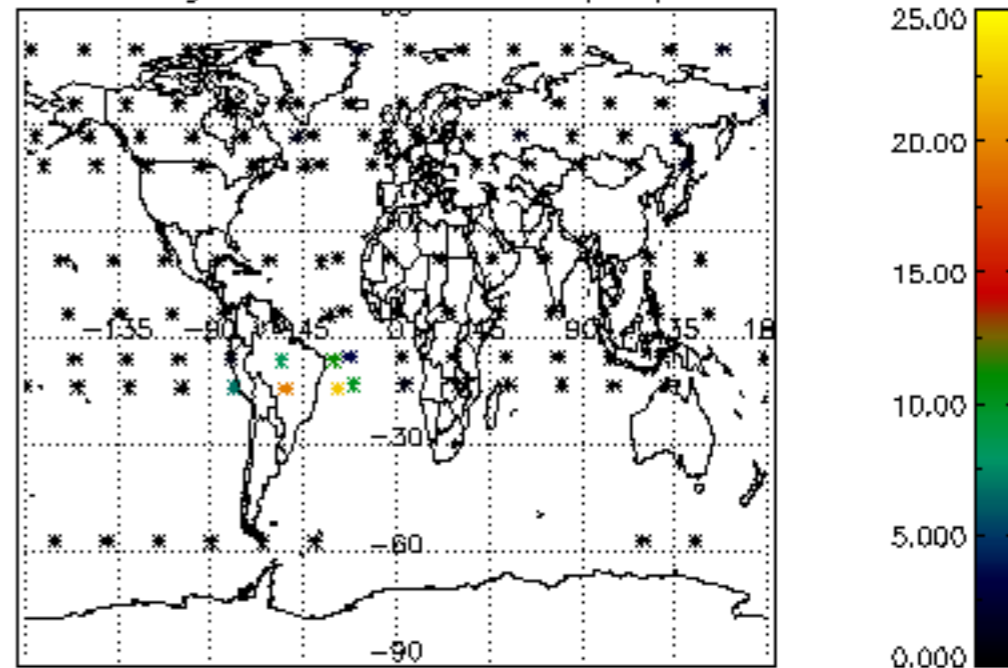
Percentage of datation errors per profile



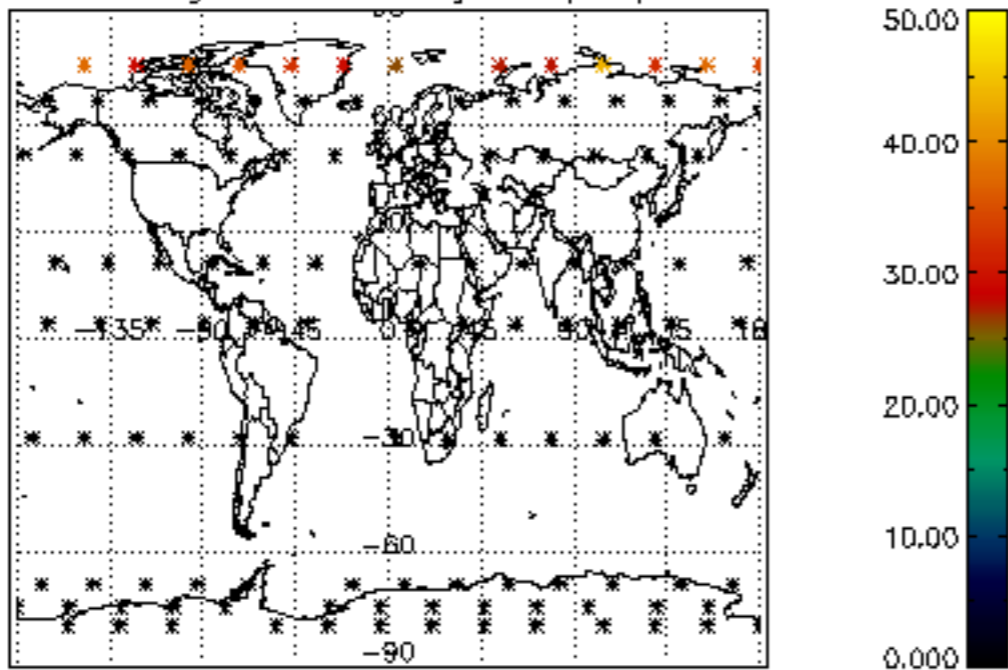
Percentage of star falling outside central band per profile



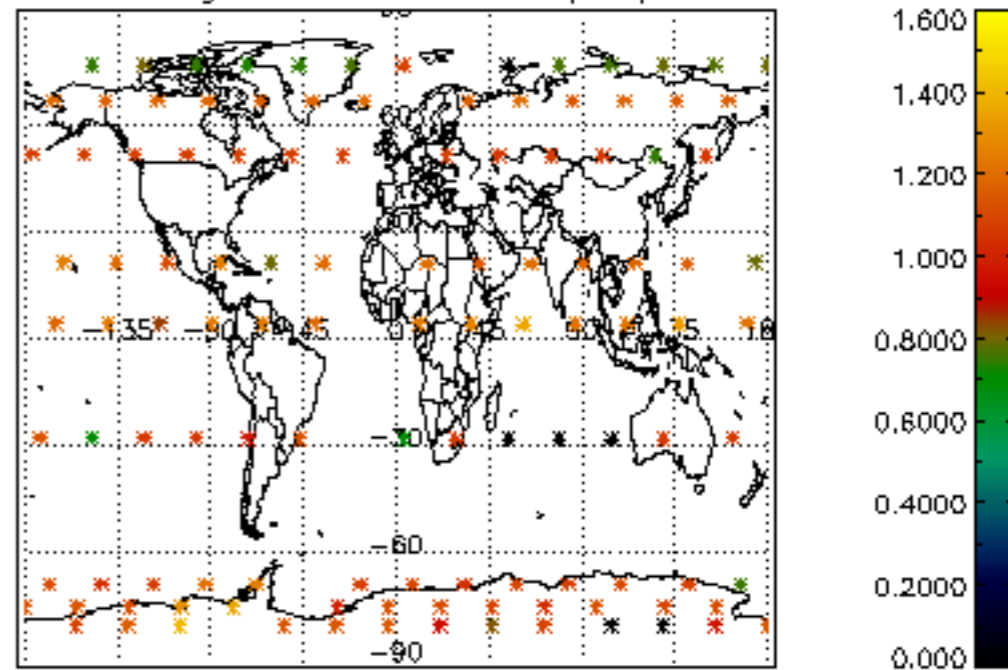
Percentage of saturation errors per profile



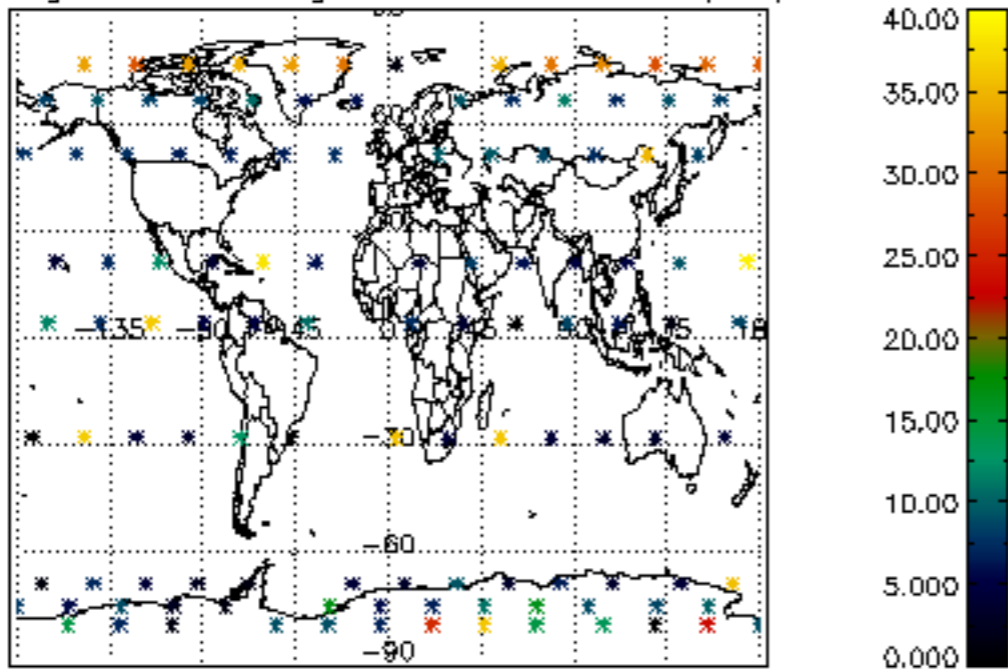
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

