

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 19:03:04
Data source version	GOMOS/6.01
Start time of products	30-04-2007 (30APR2007 00:00:00)
Stop time of products	01-05-2007 (01MAY2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	271
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__2PRFIN20070430_002331_000000452057_00388_26995_4156.N1	30-APR-2007 00:23:31	Dark	45.000	18	24Alp PsA	1.1660	9700.0	90	26995	No
2	GOM_NL__2PRFIN20070430_002915_000000402057_00388_26995_4157.N1	30-APR-2007 00:29:15	Dark	39.500	31	Alp Gru	1.7340	15200.	79	26995	No
3	GOM_NL__2PRFIN20070430_003156_000000392057_00389_26996_4159.N1	30-APR-2007 00:31:56	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	26996	No
4	GOM_NL__2PRFIN20070430_003442_000000402057_00389_26996_4160.N1	30-APR-2007 00:34:42	Dark	40.000	45	Alp Pav	1.9400	26000.	80	26996	No
5	GOM_NL__2PRFIN20070430_004124_000000462057_00389_26996_4161.N1	30-APR-2007 00:41:24	Straylight	46.000	43	Alp TrA	1.9100	4250.0	92	26996	No
6	GOM_NL__2PRFIN20070430_004335_000000392057_00389_26996_4162.N1	30-APR-2007 00:43:35	Straylight	39.000	134	Bet TrA	2.8100	6600.0	78	26996	No
7	GOM_NL__2PRFIN20070430_004541_000000502057_00389_26996_4163.N1	30-APR-2007 00:45:41	Straylight	49.500	4	Alp1Cen	-0.010000	5800.0	99	26996	No
8	GOM_NL__2PRFIN20070430_004905_000000392057_00389_26996_4164.N1	30-APR-2007 00:49:05	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	26996	No
9	GOM_NL__2PRFIN20070430_005038_000000412057_00389_26996_4165.N1	30-APR-2007 00:50:38	Straylight	41.000	81	Eta Cen	2.3560	28000.	82	26996	No
10	GOM_NL__2PRFIN20070430_005245_000000432057_00389_26996_4166.N1	30-APR-2007 00:52:45	Twilight_stray	43.000	54	5The Cen	2.0550	4500.0	86	26996	No
11	GOM_NL__2PRFIN20070430_005703_000000502057_00389_26996_4167.N1	30-APR-2007 00:57:03	Bright	50.000	169	46Gam Hya	2.9910	4700.0	100	26996	No
12	GOM_NL__2PRFIN20070430_010024_000000392057_00389_26996_4168.N1	30-APR-2007 01:00:24	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	26996	No
13	GOM_NL__2PRFIN20070430_010327_000000362057_00389_26996_4169.N1	30-APR-2007 01:03:27	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	26996	No
14	GOM_NL__2PRFIN20070430_010648_000000362057_00389_26996_4170.N1	30-APR-2007 01:06:48	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	26996	No
15	GOM_NL__2PRFIN20070430_011434_000000342057_00389_26996_4171.N1	30-APR-2007 01:14:34	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	26996	No
16	GOM_NL__2PRFIN20070430_011904_000000362057_00389_26996_4172.N1	30-APR-2007 01:19:04	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	26996	No
17	GOM_NL__2PRFIN20070430_012026_000000352057_00389_26996_4173.N1	30-APR-2007 01:20:26	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	26996	No
18	GOM_NL__2PRFIN20070430_012145_000000362057_00389_26996_4174.N1	30-APR-2007 01:21:45	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	26996	No
19	GOM_NL__2PRFIN20070430_012918_000000352057_00389_26996_4175.N1	30-APR-2007 01:29:18	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	26996	No
20	GOM_NL__2PRFIN20070430_013709_000000332057_00389_26996_4176.N1	30-APR-2007 01:37:09	Bright	33.000	110	37Del Cas	2.6780	8900.0	66	26996	No
21	GOM_NL__2PRFIN20070430_013832_000000332057_00389_26996_4177.N1	30-APR-2007 01:38:32	Bright	32.500	68	18Alp Cas	2.2250	4500.0	65	26996	No
22	GOM_NL__2PRFIN20070430_020407_000000472057_00389_26996_4178.N1	30-APR-2007 02:04:07	Dark	46.500	18	24Alp PsA	1.1660	9700.0	93	26996	No
23	GOM_NL__2PRFIN20070430_020952_000000462057_00389_26996_4179.N1	30-APR-2007 02:09:52	Dark	45.500	31	Alp Gru	1.7340	15200.	91	26996	No
24	GOM_NL__2PRFIN20070430_021233_000000422057_00390_26997_4170.N1	30-APR-2007 02:12:33	Dark	42.000	148	Alp Tuc	2.8780	4100.0	84	26997	No
25	GOM_NL__2PRFIN20070430_021519_000000422057_00390_26997_4171.N1	30-APR-2007 02:15:19	Dark	42.000	45	Alp Pav	1.9400	26000.	84	26997	No
26	GOM_NL__2PRFIN20070430_022200_000000392057_00390_26997_4172.N1	30-APR-2007 02:22:00	Straylight	39.000	43	Alp TrA	1.9100	4250.0	78	26997	No
27	GOM_NL__2PRFIN20070430_022412_000000392057_00390_26997_4173.N1	30-APR-2007 02:24:12	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	26997	No
28	GOM_NL__2PRFIN20070430_022617_000000442057_00390_26997_4174.N1	30-APR-2007 02:26:17	Straylight	44.000	4	Alp1Cen	-0.010000	5800.0	88	26997	No
29	GOM_NL__2PRFIN20070430_022942_000000412057_00390_26997_4175.N1	30-APR-2007 02:29:42	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	26997	No
30	GOM_NL__2PRFIN20070430_023114_000000412057_00390_26997_4176.N1	30-APR-2007 02:31:14	Straylight	41.000	81	Eta Cen	2.3560	28000.	82	26997	No
31	GOM_NL__2PRFIN20070430_023321_000000452057_00390_26997_4177.N1	30-APR-2007 02:33:21	Twilight_stray	44.500	54	5The Cen	2.0550	4500.0	89	26997	No
32	GOM_NL__2PRFIN20070430_023739_000000472057_00390_26997_4178.N1	30-APR-2007 02:37:39	Bright	47.000	169	46Gam Hya	2.9910	4700.0	94	26997	No
33	GOM_NL__2PRFIN20070430_024100_000000392057_00390_26997_4179.N1	30-APR-2007 02:41:00	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	26997	No
34	GOM_NL__2PRFIN20070430_024404_000000362057_00390_26997_4180.N1	30-APR-2007 02:44:04	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	26997	No
35	GOM_NL__2PRFIN20070430_024725_000000362057_00390_26997_4181.N1	30-APR-2007 02:47:25	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	26997	No
36	GOM_NL__2PRFIN20070430_025510_000000352057_00390_26997_4182.N1	30-APR-2007 02:55:10	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	26997	No
37	GOM_NL__2PRFIN20070430_025940_000000352057_00390_26997_4183.N1	30-APR-2007 02:59:40	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	26997	No
38	GOM_NL__2PRFIN20070430_030102_000000352057_00390_26997_4184.N1	30-APR-2007 03:01:02	Bright	34.500	82	48Bet UMa	2.3650	10600.	69	26997	No
39	GOM_NL__2PRFIN20070430_030221_000000362057_00390_26997_4185.N1	30-APR-2007 03:02:21	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	26997	No
40	GOM_NL__2PRFIN20070430_030955_000000332057_00390_26997_4186.N1	30-APR-2007 03:09:55	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	26997	No
41	GOM_NL__2PRFIN20070430_031745_000000372057_00390_26997_4187.N1	30-APR-2007 03:17:45	Bright	37.000	110	37Del Cas	2.6780	8900.0	74	26997	No
42	GOM_NL__2PRFIN20070430_031908_000000352057_00390_26997_4188.N1	30-APR-2007 03:19:08	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	26997	No

43	GOM_NL__2PRFIN20070430_034443_000000472057_00390_26997_4189.N1	30-APR-2007 03:44:43	Dark	47.000	18	24Alp PsA	1.1660	9700.0	94	26997	No
44	GOM_NL__2PRFIN20070430_035028_000000392057_00390_26997_4190.N1	30-APR-2007 03:50:28	Dark	39.000	31	Alp Gru	1.7340	15200.	78	26997	No
45	GOM_NL__2PRFIN20070430_035309_000000452057_00391_26998_4186.N1	30-APR-2007 03:53:09	Dark	44.500	148	Alp Tuc	2.8780	4100.0	89	26998	No
46	GOM_NL__2PRFIN20070430_035555_000000422057_00391_26998_4187.N1	30-APR-2007 03:55:55	Dark	41.500	45	Alp Pav	1.9400	26000.	83	26998	No
47	GOM_NL__2PRFIN20070430_040237_000000412057_00391_26998_4188.N1	30-APR-2007 04:02:37	Straylight	40.500	43	Alp TrA	1.9100	4250.0	81	26998	No
48	GOM_NL__2PRFIN20070430_040448_000000392057_00391_26998_4189.N1	30-APR-2007 04:04:48	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	26998	No
49	GOM_NL__2PRFIN20070430_040654_000000492057_00391_26998_4190.N1	30-APR-2007 04:06:54	Straylight	49.000	4	Alp1Cen	-0.010000	5800.0	98	26998	No
50	GOM_NL__2PRFIN20070430_041018_000000412057_00391_26998_4191.N1	30-APR-2007 04:10:18	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	26998	No
51	GOM_NL__2PRFIN20070430_041151_000000402057_00391_26998_4192.N1	30-APR-2007 04:11:51	Straylight	39.500	81	Eta Cen	2.3560	28000.	79	26998	No
52	GOM_NL__2PRFIN20070430_041357_000000412057_00391_26998_4193.N1	30-APR-2007 04:13:57	Tw_i_and_stray	41.000	54	5The Cen	2.0550	4500.0	82	26998	No
53	GOM_NL__2PRFIN20070430_041816_000000472057_00391_26998_4194.N1	30-APR-2007 04:18:16	Bright	47.000	169	46Gam Hya	2.9910	4700.0	94	26998	No
54	GOM_NL__2PRFIN20070430_042136_000000392057_00391_26998_4195.N1	30-APR-2007 04:21:36	Bright	39.000	15	67Alp Vir	0.97600	28000.	78	26998	No
55	GOM_NL__2PRFIN20070430_042440_000000362057_00391_26998_4196.N1	30-APR-2007 04:24:40	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	26998	No
56	GOM_NL__2PRFIN20070430_042801_000000352057_00391_26998_4197.N1	30-APR-2007 04:28:01	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	26998	No
57	GOM_NL__2PRFIN20070430_043546_000000342057_00391_26998_4198.N1	30-APR-2007 04:35:46	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	26998	No
58	GOM_NL__2PRFIN20070430_044016_000000352057_00391_26998_4199.N1	30-APR-2007 04:40:16	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	26998	No
59	GOM_NL__2PRFIN20070430_044138_000000342057_00391_26998_4200.N1	30-APR-2007 04:41:38	Bright	34.000	82	48Bet UMa	2.3650	10600.	68	26998	No
60	GOM_NL__2PRFIN20070430_044258_000000342057_00391_26998_4201.N1	30-APR-2007 04:42:58	Bright	33.500	36	50Alp UMa	1.8000	6300.0	67	26998	No
61	GOM_NL__2PRFIN20070430_045031_000000362057_00391_26998_4202.N1	30-APR-2007 04:50:31	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	26998	No
62	GOM_NL__2PRFIN20070430_063857_000000332057_00392_26999_4202.N1	30-APR-2007 06:38:57	Bright	33.000	110	37Del Cas	2.6780	8900.0	66	26999	No
63	GOM_NL__2PRFIN20070430_064021_000000352057_00392_26999_4203.N1	30-APR-2007 06:40:21	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	26999	No
64	GOM_NL__2PRFIN20070430_070557_000000432057_00392_26999_4204.N1	30-APR-2007 07:05:57	Dark	43.000	18	24Alp PsA	1.1660	9700.0	86	26999	No
65	GOM_NL__2PRFIN20070430_071141_000000392057_00392_26999_4205.N1	30-APR-2007 07:11:41	Dark	39.000	31	Alp Gru	1.7340	15200.	78	26999	No
66	GOM_NL__2PRFIN20070430_071422_000000432057_00393_27000_4214.N1	30-APR-2007 07:14:22	Dark	42.500	148	Alp Tuc	2.8780	4100.0	85	27000	No
67	GOM_NL__2PRFIN20070430_071709_000000402057_00393_27000_4215.N1	30-APR-2007 07:17:09	Dark	39.500	45	Alp Pav	1.9400	26000.	79	27000	No
68	GOM_NL__2PRFIN20070430_072349_000000392057_00393_27000_4216.N1	30-APR-2007 07:23:49	Straylight	39.000	43	Alp TrA	1.9100	4250.0	78	27000	No
69	GOM_NL__2PRFIN20070430_072601_000000392057_00393_27000_4217.N1	30-APR-2007 07:26:01	Straylight	39.000	134	Bet TrA	2.8100	6600.0	78	27000	No
70	GOM_NL__2PRFIN20070430_072806_000000492057_00393_27000_4218.N1	30-APR-2007 07:28:06	Straylight	49.000	4	Alp1Cen	-0.010000	5800.0	98	27000	No
71	GOM_NL__2PRFIN20070430_073130_000000382057_00393_27000_4219.N1	30-APR-2007 07:31:30	Straylight	38.000	78	Alp Lup	2.3040	28000.	76	27000	No
72	GOM_NL__2PRFIN20070430_073303_000000422057_00393_27000_4220.N1	30-APR-2007 07:33:03	Straylight	41.500	81	Eta Cen	2.3560	28000.	83	27000	No
73	GOM_NL__2PRFIN20070430_073510_000000402057_00393_27000_4221.N1	30-APR-2007 07:35:10	Tw_i_and_stray	40.000	54	5The Cen	2.0550	4500.0	80	27000	No
74	GOM_NL__2PRFIN20070430_073928_000000422057_00393_27000_4222.N1	30-APR-2007 07:39:28	Bright	41.500	169	46Gam Hya	2.9910	4700.0	83	27000	No
75	GOM_NL__2PRFIN20070430_074248_000000392057_00393_27000_4223.N1	30-APR-2007 07:42:48	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	27000	No
76	GOM_NL__2PRFIN20070430_074552_000000362057_00393_27000_4224.N1	30-APR-2007 07:45:52	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	27000	No
77	GOM_NL__2PRFIN20070430_074913_000000352057_00393_27000_4225.N1	30-APR-2007 07:49:13	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	27000	No
78	GOM_NL__2PRFIN20070430_075658_000000352057_00393_27000_4226.N1	30-APR-2007 07:56:58	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	27000	No
79	GOM_NL__2PRFIN20070430_080129_000000362057_00393_27000_4227.N1	30-APR-2007 08:01:29	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	27000	No
80	GOM_NL__2PRFIN20070430_080251_000000352057_00393_27000_4228.N1	30-APR-2007 08:02:51	Bright	34.500	82	48Bet UMa	2.3650	10600.	69	27000	No
81	GOM_NL__2PRFIN20070430_080410_000000352057_00393_27000_4229.N1	30-APR-2007 08:04:10	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	27000	No
82	GOM_NL__2PRFIN20070430_081143_000000362057_00393_27000_4230.N1	30-APR-2007 08:11:43	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27000	No
83	GOM_NL__2PRFIN20070430_081933_000000462057_00393_27000_4231.N1	30-APR-2007 08:19:33	Bright	45.500	110	37Del Cas	2.6780	8900.0	91	27000	No
84	GOM_NL__2PRFIN20070430_082057_000000352057_00393_27000_4232.N1	30-APR-2007 08:20:57	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	27000	No
85	GOM_NL__2PRFIN20070430_084633_000000412057_00393_27000_4233.N1	30-APR-2007 08:46:33	Dark	40.500	18	24Alp PsA	1.1660	9700.0	81	27000	No
86	GOM_NL__2PRFIN20070430_085218_000000432057_00393_27000_4234.N1	30-APR-2007 08:52:18	Dark	42.500	31	Alp Gru	1.7340	15200.	85	27000	No
87	GOM_NL__2PRFIN20070430_085745_000000412057_00394_27001_4253.N1	30-APR-2007 08:57:45	Dark	40.500	45	Alp Pav	1.9400	26000.	81	27001	No
88	GOM_NL__2PRFIN20070430_090426_000000502057_00394_27001_4254.N1	30-APR-2007 09:04:26	Straylight	49.500	43	Alp TrA	1.9100	4250.0	99	27001	No
89	GOM_NL__2PRFIN20070430_090637_000000382057_00394_27001_4255.N1	30-APR-2007 09:06:37	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	27001	No
90	GOM_NL__2PRFIN20070430_090842_000000522057_00394_27001_4256.N1	30-APR-2007 09:08:42	Straylight	52.000	4	Alp1Cen	-0.010000	5800.0	104	27001	No
91	GOM_NL__2PRFIN20070430_091207_000000392057_00394_27001_4257.N1	30-APR-2007 09:12:07	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	27001	No
92	GOM_NL__2PRFIN20070430_091340_000000392057_00394_27001_4258.N1	30-APR-2007 09:13:40	Straylight	38.500	81	Eta Cen	2.3560	28000.	77	27001	No
93	GOM_NL__2PRFIN20070430_091546_000000402057_00394_27001_4259.N1	30-APR-2007 09:15:46	Tw_i_and_stray	39.500	54	5The Cen	2.0550	4500.0	79	27001	No
94	GOM_NL__2PRFIN20070430_092004_000000422057_00394_27001_4260.N1	30-APR-2007 09:20:04	Bright	42.000	169	46Gam Hya	2.9910	4700.0	84	27001	No
95	GOM_NL__2PRFIN20070430_092324_000000382057_00394_27001_4261.N1	30-APR-2007 09:23:24	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	27001	No
96	GOM_NL__2PRFIN20070430_092628_000000452057_00394_27001_4262.N1	30-APR-2007 09:26:28	Bright	44.500	121	29Gam Vir	2.7400	7200.0	89	27001	No
97	GOM_NL__2PRFIN20070430_092949_000000362057_00394_27001_4263.N1	30-APR-2007 09:29:49	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	27001	No
98	GOM_NL__2PRFIN20070430_093734_000000362057_00394_27001_4264.N1	30-APR-2007 09:37:34	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	27001	No
99	GOM_NL__2PRFIN20070430_094205_000000352057_00394_27001_4265.N1	30-APR-2007 09:42:05	Bright	34.500	87	64Gam UMa	2.4330	11000.	69	27001	No
100	GOM_NL__2PRFIN20070430_094327_000000362057_00394_27001_4266.N1	30-APR-2007 09:43:27	Bright	35.500	82	48Bet UMa	2.3650	10600.	71	27001	No
101	GOM_NL__2PRFIN20070430_094446_000000372057_00394_27001_4267.N1	30-APR-2007 09:44:46	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	27001	No

102	GOM_NL__2PRFIN20070430_095219_000000342057_00394_27001_4268.N1	30-APR-2007 09:52:19	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	27001	No
103	GOM_NL__2PRFIN20070430_100009_000000342057_00394_27001_4269.N1	30-APR-2007 10:00:09	Bright	34.000	110	37Del Cas	2.6780	8900.0	68	27001	No
104	GOM_NL__2PRFIN20070430_100133_000000352057_00394_27001_4270.N1	30-APR-2007 10:01:33	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	27001	No
105	GOM_NL__2PRFIN20070430_102709_000000462057_00394_27001_4271.N1	30-APR-2007 10:27:09	Dark	45.500	18	24Alp PsA	1.1660	9700.0	91	27001	No
106	GOM_NL__2PRFIN20070430_103254_000000432057_00394_27001_4272.N1	30-APR-2007 10:32:54	Dark	43.000	31	Alp Gru	1.7340	15200.	86	27001	No
107	GOM_NL__2PRFIN20070430_103822_000000412057_00395_27002_4273.N1	30-APR-2007 10:38:22	Dark	41.000	45	Alp Pav	1.9400	26000.	82	27002	No
108	GOM_NL__2PRFIN20070430_104502_000000402057_00395_27002_4274.N1	30-APR-2007 10:45:02	Straylight	40.000	43	Alp TrA	1.9100	4250.0	80	27002	No
109	GOM_NL__2PRFIN20070430_104713_000000382057_00395_27002_4275.N1	30-APR-2007 10:47:13	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	27002	No
110	GOM_NL__2PRFIN20070430_104919_000000512057_00395_27002_4276.N1	30-APR-2007 10:49:19	Straylight	50.500	4	Alp1Cen	-0.010000	5800.0	101	27002	No
111	GOM_NL__2PRFIN20070430_105243_000000402057_00395_27002_4277.N1	30-APR-2007 10:52:43	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	27002	No
112	GOM_NL__2PRFIN20070430_105416_000000412057_00395_27002_4278.N1	30-APR-2007 10:54:16	Straylight	41.000	81	Eta Cen	2.3560	28000.	82	27002	No
113	GOM_NL__2PRFIN20070430_105622_000000412057_00395_27002_4279.N1	30-APR-2007 10:56:22	Tw_i_and_stray	40.500	54	5The Cen	2.0550	4500.0	81	27002	No
114	GOM_NL__2PRFIN20070430_110040_000000392057_00395_27002_4280.N1	30-APR-2007 11:00:40	Bright	39.000	169	46Gam Hya	2.9910	4700.0	78	27002	No
115	GOM_NL__2PRFIN20070430_110400_000000372057_00395_27002_4281.N1	30-APR-2007 11:04:00	Bright	37.000	15	67Alp Vir	0.97600	28000.	74	27002	No
116	GOM_NL__2PRFIN20070430_110704_000000352057_00395_27002_4282.N1	30-APR-2007 11:07:04	Bright	34.500	121	29Gam Vir	2.7400	7200.0	69	27002	No
117	GOM_NL__2PRFIN20070430_111025_000000372057_00395_27002_4283.N1	30-APR-2007 11:10:25	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	27002	No
118	GOM_NL__2PRFIN20070430_111810_000000372057_00395_27002_4284.N1	30-APR-2007 11:18:10	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	27002	No
119	GOM_NL__2PRFIN20070430_112241_000000372057_00395_27002_4285.N1	30-APR-2007 11:22:41	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	27002	No
120	GOM_NL__2PRFIN20070430_112403_000000372057_00395_27002_4286.N1	30-APR-2007 11:24:03	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	27002	No
121	GOM_NL__2PRFIN20070430_112522_000000372057_00395_27002_4287.N1	30-APR-2007 11:25:22	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	27002	No
122	GOM_NL__2PRFIN20070430_113254_000000332057_00395_27002_4288.N1	30-APR-2007 11:32:54	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	27002	No
123	GOM_NL__2PRFIN20070430_114045_000000332057_00395_27002_4289.N1	30-APR-2007 11:40:45	Bright	32.500	110	37Del Cas	2.6780	8900.0	65	27002	No
124	GOM_NL__2PRFIN20070430_114209_000000342057_00395_27002_4290.N1	30-APR-2007 11:42:09	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	27002	No
125	GOM_NL__2PRFIN20070430_120746_000000422057_00395_27002_4291.N1	30-APR-2007 12:07:46	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	27002	No
126	GOM_NL__2PRFIN20070430_121331_000000412057_00395_27002_4292.N1	30-APR-2007 12:13:31	Dark	41.000	31	Alp Gru	1.7340	15200.	82	27002	No
127	GOM_NL__2PRFIN20070430_121611_000000432057_00396_27003_4289.N1	30-APR-2007 12:16:11	Dark	43.000	148	Alp Tuc	2.8780	4100.0	86	27003	No
128	GOM_NL__2PRFIN20070430_121858_000000402057_00396_27003_4290.N1	30-APR-2007 12:18:58	Dark	40.000	45	Alp Pav	1.9400	26000.	80	27003	No
129	GOM_NL__2PRFIN20070430_122538_000000402057_00396_27003_4291.N1	30-APR-2007 12:25:38	Straylight	39.500	43	Alp TrA	1.9100	4250.0	79	27003	No
130	GOM_NL__2PRFIN20070430_122750_000000382057_00396_27003_4292.N1	30-APR-2007 12:27:50	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	27003	No
131	GOM_NL__2PRFIN20070430_122955_000000492057_00396_27003_4293.N1	30-APR-2007 12:29:55	Straylight	49.000	4	Alp1Cen	-0.010000	5800.0	98	27003	No
132	GOM_NL__2PRFIN20070430_123319_000000392057_00396_27003_4294.N1	30-APR-2007 12:33:19	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	27003	No
133	GOM_NL__2PRFIN20070430_123452_000000412057_00396_27003_4295.N1	30-APR-2007 12:34:52	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	27003	No
134	GOM_NL__2PRFIN20070430_123658_000000422057_00396_27003_4296.N1	30-APR-2007 12:36:58	Tw_i_and_stray	41.500	54	5The Cen	2.0550	4500.0	83	27003	No
135	GOM_NL__2PRFIN20070430_124116_000000422057_00396_27003_4297.N1	30-APR-2007 12:41:16	Bright	42.000	169	46Gam Hya	2.9910	4700.0	84	27003	No
136	GOM_NL__2PRFIN20070430_124436_000000392057_00396_27003_4298.N1	30-APR-2007 12:44:36	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	27003	No
137	GOM_NL__2PRFIN20070430_124740_000000522057_00396_27003_4299.N1	30-APR-2007 12:47:40	Bright	52.000	121	29Gam Vir	2.7400	7200.0	104	27003	No
138	GOM_NL__2PRFIN20070430_125100_000000352057_00396_27003_4300.N1	30-APR-2007 12:51:00	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	27003	No
139	GOM_NL__2PRFIN20070430_125846_000000362057_00396_27003_4301.N1	30-APR-2007 12:58:46	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	27003	No
140	GOM_NL__2PRFIN20070430_130317_000000362057_00396_27003_4302.N1	30-APR-2007 13:03:17	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	27003	No
141	GOM_NL__2PRFIN20070430_130439_000000372057_00396_27003_4303.N1	30-APR-2007 13:04:39	Bright	36.500	82	48Bet UMa	2.3650	10600.	73	27003	No
142	GOM_NL__2PRFIN20070430_130559_000000382057_00396_27003_4304.N1	30-APR-2007 13:05:59	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	27003	No
143	GOM_NL__2PRFIN20070430_131330_000000352057_00396_27003_4305.N1	30-APR-2007 13:13:30	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	27003	No
144	GOM_NL__2PRFIN20070430_132122_000000432057_00396_27003_4306.N1	30-APR-2007 13:21:22	Bright	42.500	110	37Del Cas	2.6780	8900.0	85	27003	No
145	GOM_NL__2PRFIN20070430_132245_000000402057_00396_27003_4307.N1	30-APR-2007 13:22:45	Bright	40.000	68	18Alp Cas	2.2250	4500.0	80	27003	No
146	GOM_NL__2PRFIN20070430_134822_000000442057_00396_27003_4308.N1	30-APR-2007 13:48:22	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	27003	No
147	GOM_NL__2PRFIN20070430_135407_000000402057_00396_27003_4309.N1	30-APR-2007 13:54:07	Dark	39.500	31	Alp Gru	1.7340	15200.	79	27003	No
148	GOM_NL__2PRFIN20070430_135647_000000422057_00397_27004_4299.N1	30-APR-2007 13:56:47	Dark	42.000	148	Alp Tuc	2.8780	4100.0	84	27004	No
149	GOM_NL__2PRFIN20070430_135935_000000412057_00397_27004_4300.N1	30-APR-2007 13:59:35	Dark	41.000	45	Alp Pav	1.9400	26000.	82	27004	No
150	GOM_NL__2PRFIN20070430_140614_000000392057_00397_27004_4301.N1	30-APR-2007 14:06:14	Straylight	38.500	43	Alp TrA	1.9100	4250.0	77	27004	No
151	GOM_NL__2PRFIN20070430_140826_000000382057_00397_27004_4302.N1	30-APR-2007 14:08:26	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	27004	No
152	GOM_NL__2PRFIN20070430_141031_000000472057_00397_27004_4303.N1	30-APR-2007 14:10:31	Straylight	46.500	4	Alp1Cen	-0.010000	5800.0	93	27004	No
153	GOM_NL__2PRFIN20070430_141355_000000412057_00397_27004_4304.N1	30-APR-2007 14:13:55	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	27004	No
154	GOM_NL__2PRFIN20070430_141528_000000402057_00397_27004_4305.N1	30-APR-2007 14:15:28	Straylight	39.500	81	Eta Cen	2.3560	28000.	79	27004	No
155	GOM_NL__2PRFIN20070430_141734_000000432057_00397_27004_4306.N1	30-APR-2007 14:17:34	Tw_i_and_stray	43.000	54	5The Cen	2.0550	4500.0	86	27004	No
156	GOM_NL__2PRFIN20070430_142152_000000412057_00397_27004_4307.N1	30-APR-2007 14:21:52	Bright	41.000	169	46Gam Hya	2.9910	4700.0	82	27004	No
157	GOM_NL__2PRFIN20070430_142512_000000382057_00397_27004_4308.N1	30-APR-2007 14:25:12	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	27004	No
158	GOM_NL__2PRFIN20070430_142816_000000372057_00397_27004_4309.N1	30-APR-2007 14:28:16	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	27004	No
159	GOM_NL__2PRFIN20070430_143137_000000352057_00397_27004_4310.N1	30-APR-2007 14:31:37	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	27004	No
160	GOM_NL__2PRFIN20070430_144353_000000362057_00397_27004_4311.N1	30-APR-2007 14:43:53	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	27004	No

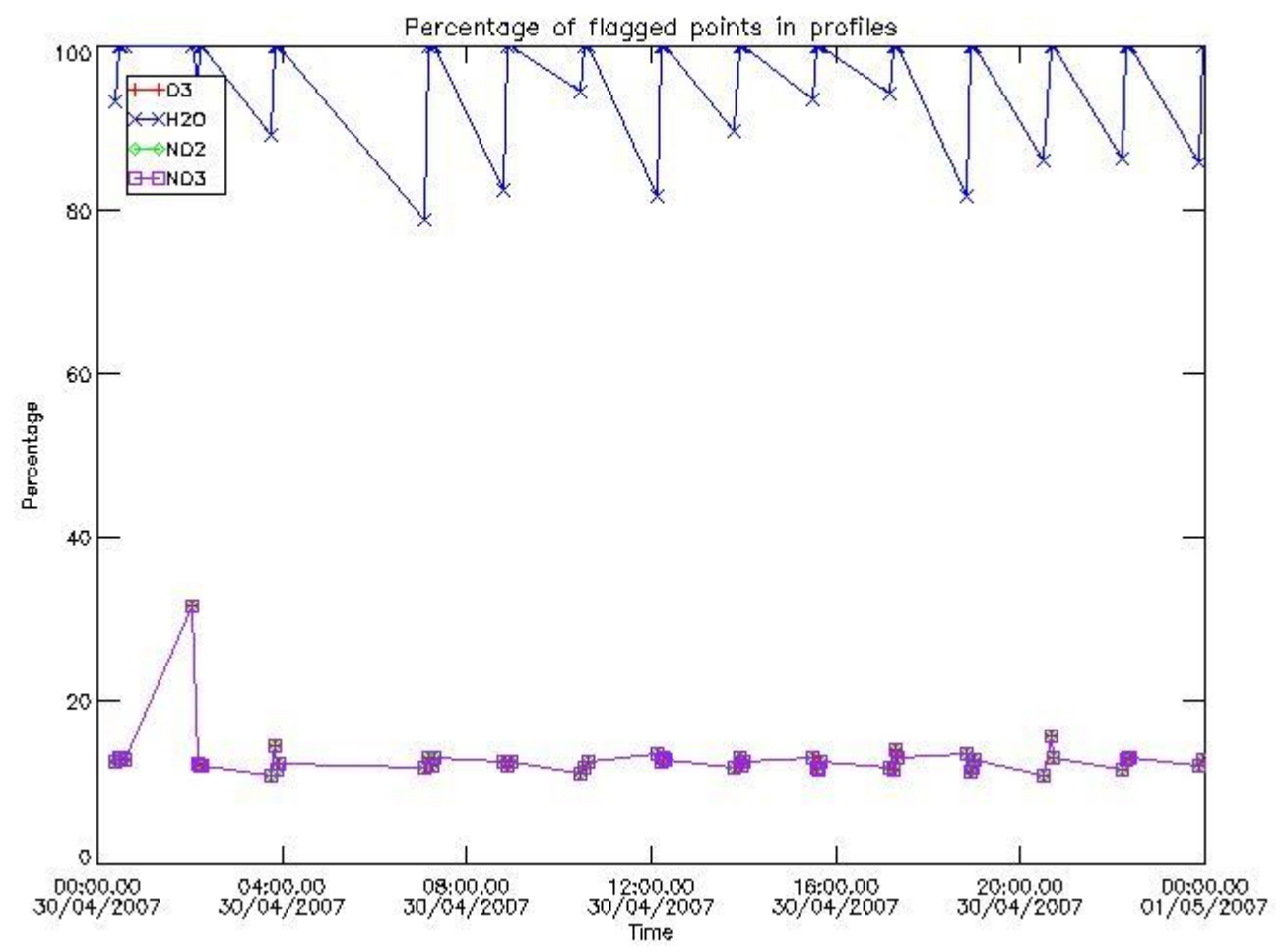
161	GOM_NL__2PRFIN20070430_144515_000000362057_00397_27004_4312.N1	30-APR-2007 14:45:15	Bright	35.500	82	48Bet UMa	2.3650	10600.	71	27004	No
162	GOM_NL__2PRFIN20070430_144635_000000382057_00397_27004_4313.N1	30-APR-2007 14:46:35	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	27004	No
163	GOM_NL__2PRFIN20070430_145406_000000352057_00397_27004_4314.N1	30-APR-2007 14:54:06	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27004	No
164	GOM_NL__2PRFIN20070430_150158_000000342057_00397_27004_4315.N1	30-APR-2007 15:01:58	Bright	34.000	110	37Del Cas	2.6780	8900.0	68	27004	No
165	GOM_NL__2PRFIN20070430_150321_000000522057_00397_27004_4316.N1	30-APR-2007 15:03:21	Bright	52.000	68	18Alp Cas	2.2250	4500.0	104	27004	No
166	GOM_NL__2PRFIN20070430_152858_000000472057_00397_27004_4317.N1	30-APR-2007 15:28:58	Dark	46.500	18	24Alp PsA	1.1660	9700.0	93	27004	No
167	GOM_NL__2PRFIN20070430_153444_000000442057_00397_27004_4318.N1	30-APR-2007 15:34:44	Dark	43.500	31	Alp Gru	1.7340	15200.	87	27004	No
168	GOM_NL__2PRFIN20070430_153723_000000452057_00398_27005_4318.N1	30-APR-2007 15:37:23	Dark	44.500	148	Alp Tuc	2.8780	4100.0	89	27005	No
169	GOM_NL__2PRFIN20070430_154011_000000412057_00398_27005_4319.N1	30-APR-2007 15:40:11	Dark	40.500	45	Alp Pav	1.9400	26000.	81	27005	No
170	GOM_NL__2PRFIN20070430_154651_000000412057_00398_27005_4320.N1	30-APR-2007 15:46:51	Straylight	40.500	43	Alp TrA	1.9100	4250.0	81	27005	No
171	GOM_NL__2PRFIN20070430_154902_000000382057_00398_27005_4321.N1	30-APR-2007 15:49:02	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	27005	No
172	GOM_NL__2PRFIN20070430_155107_000000432057_00398_27005_4322.N1	30-APR-2007 15:51:07	Straylight	43.000	4	Alp1Cen	-0.010000	5800.0	86	27005	No
173	GOM_NL__2PRFIN20070430_155432_000000392057_00398_27005_4323.N1	30-APR-2007 15:54:32	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	27005	No
174	GOM_NL__2PRFIN20070430_155605_000000392057_00398_27005_4324.N1	30-APR-2007 15:56:05	Straylight	38.500	81	Eta Cen	2.3560	28000.	77	27005	No
175	GOM_NL__2PRFIN20070430_155811_000000472057_00398_27005_4325.N1	30-APR-2007 15:58:11	Twi_and_stray	47.000	54	5The Cen	2.0550	4500.0	94	27005	No
176	GOM_NL__2PRFIN20070430_160228_000000412057_00398_27005_4326.N1	30-APR-2007 16:02:28	Bright	41.000	169	46Gam Hya	2.9910	4700.0	82	27005	No
177	GOM_NL__2PRFIN20070430_160548_000000382057_00398_27005_4327.N1	30-APR-2007 16:05:48	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	27005	No
178	GOM_NL__2PRFIN20070430_160852_000000362057_00398_27005_4328.N1	30-APR-2007 16:08:52	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	27005	No
179	GOM_NL__2PRFIN20070430_161213_000000362057_00398_27005_4329.N1	30-APR-2007 16:12:13	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	27005	No
180	GOM_NL__2PRFIN20070430_161957_000000352057_00398_27005_4330.N1	30-APR-2007 16:19:57	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	27005	No
181	GOM_NL__2PRFIN20070430_162429_000000352057_00398_27005_4331.N1	30-APR-2007 16:24:29	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	27005	No
182	GOM_NL__2PRFIN20070430_162551_000000352057_00398_27005_4332.N1	30-APR-2007 16:25:51	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	27005	No
183	GOM_NL__2PRFIN20070430_162711_000000372057_00398_27005_4333.N1	30-APR-2007 16:27:11	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	27005	No
184	GOM_NL__2PRFIN20070430_163442_000000352057_00398_27005_4334.N1	30-APR-2007 16:34:42	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27005	No
185	GOM_NL__2PRFIN20070430_164234_000000472057_00398_27005_4335.N1	30-APR-2007 16:42:34	Bright	46.500	110	37Del Cas	2.6780	8900.0	93	27005	No
186	GOM_NL__2PRFIN20070430_164357_000000332057_00398_27005_4336.N1	30-APR-2007 16:43:57	Bright	33.000	68	18Alp Cas	2.2250	4500.0	66	27005	No
187	GOM_NL__2PRFIN20070430_170935_000000442057_00398_27005_4337.N1	30-APR-2007 17:09:35	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	27005	No
188	GOM_NL__2PRFIN20070430_171520_000000442057_00398_27005_4338.N1	30-APR-2007 17:15:20	Dark	44.000	31	Alp Gru	1.7340	15200.	88	27005	No
189	GOM_NL__2PRFIN20070430_171800_000000372057_00399_27006_4337.N1	30-APR-2007 17:18:00	Dark	36.500	148	Alp Tuc	2.8780	4100.0	73	27006	No
190	GOM_NL__2PRFIN20070430_172048_000000392057_00399_27006_4338.N1	30-APR-2007 17:20:48	Dark	39.000	45	Alp Pav	1.9400	26000.	78	27006	No
191	GOM_NL__2PRFIN20070430_172727_000000392057_00399_27006_4339.N1	30-APR-2007 17:27:27	Straylight	38.500	43	Alp TrA	1.9100	4250.0	77	27006	No
192	GOM_NL__2PRFIN20070430_172939_000000372057_00399_27006_4340.N1	30-APR-2007 17:29:39	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	27006	No
193	GOM_NL__2PRFIN20070430_173143_000000442057_00399_27006_4341.N1	30-APR-2007 17:31:43	Straylight	44.000	4	Alp1Cen	-0.010000	5800.0	88	27006	No
194	GOM_NL__2PRFIN20070430_173508_000000392057_00399_27006_4342.N1	30-APR-2007 17:35:08	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	27006	No
195	GOM_NL__2PRFIN20070430_173641_000000392057_00399_27006_4343.N1	30-APR-2007 17:36:41	Straylight	39.000	81	Eta Cen	2.3560	28000.	78	27006	No
196	GOM_NL__2PRFIN20070430_173847_000000442057_00399_27006_4344.N1	30-APR-2007 17:38:47	Twi_and_stray	44.000	54	5The Cen	2.0550	4500.0	88	27006	No
197	GOM_NL__2PRFIN20070430_174305_000000452057_00399_27006_4345.N1	30-APR-2007 17:43:05	Bright	44.500	169	46Gam Hya	2.9910	4700.0	89	27006	No
198	GOM_NL__2PRFIN20070430_174624_000000392057_00399_27006_4346.N1	30-APR-2007 17:46:24	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	27006	No
199	GOM_NL__2PRFIN20070430_174928_000000352057_00399_27006_4347.N1	30-APR-2007 17:49:28	Bright	34.500	121	29Gam Vir	2.7400	7200.0	69	27006	No
200	GOM_NL__2PRFIN20070430_175249_000000362057_00399_27006_4348.N1	30-APR-2007 17:52:49	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	27006	No
201	GOM_NL__2PRFIN20070430_180033_000000352057_00399_27006_4349.N1	30-APR-2007 18:00:33	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	27006	No
202	GOM_NL__2PRFIN20070430_180505_000000362057_00399_27006_4350.N1	30-APR-2007 18:05:05	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	27006	No
203	GOM_NL__2PRFIN20070430_180628_000000362057_00399_27006_4351.N1	30-APR-2007 18:06:28	Bright	35.500	82	48Bet UMa	2.3650	10600.	71	27006	No
204	GOM_NL__2PRFIN20070430_180747_000000342057_00399_27006_4352.N1	30-APR-2007 18:07:47	Bright	33.500	36	50Alp UMa	1.8000	6300.0	67	27006	No
205	GOM_NL__2PRFIN20070430_181518_000000362057_00399_27006_4353.N1	30-APR-2007 18:15:18	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27006	No
206	GOM_NL__2PRFIN20070430_182310_000000332057_00399_27006_4354.N1	30-APR-2007 18:23:10	Bright	32.500	110	37Del Cas	2.6780	8900.0	65	27006	No
207	GOM_NL__2PRFIN20070430_182433_000000352057_00399_27006_4355.N1	30-APR-2007 18:24:33	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	27006	No
208	GOM_NL__2PRFIN20070430_185011_000000422057_00399_27006_4356.N1	30-APR-2007 18:50:11	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	27006	No
209	GOM_NL__2PRFIN20070430_185557_000000452057_00399_27006_4357.N1	30-APR-2007 18:55:57	Dark	45.000	31	Alp Gru	1.7340	15200.	90	27006	No
210	GOM_NL__2PRFIN20070430_185836_000000442057_00400_27007_4343.N1	30-APR-2007 18:58:36	Dark	43.500	148	Alp Tuc	2.8780	4100.0	87	27007	No
211	GOM_NL__2PRFIN20070430_190125_000000402057_00400_27007_4344.N1	30-APR-2007 19:01:25	Dark	40.000	45	Alp Pav	1.9400	26000.	80	27007	No
212	GOM_NL__2PRFIN20070430_190803_000000412057_00400_27007_4345.N1	30-APR-2007 19:08:03	Straylight	40.500	43	Alp TrA	1.9100	4250.0	81	27007	No
213	GOM_NL__2PRFIN20070430_191015_000000392057_00400_27007_4346.N1	30-APR-2007 19:10:15	Straylight	39.000	134	Bet TrA	2.8100	6600.0	78	27007	No
214	GOM_NL__2PRFIN20070430_191220_000000442057_00400_27007_4347.N1	30-APR-2007 19:12:20	Straylight	43.500	4	Alp1Cen	-0.010000	5800.0	87	27007	No
215	GOM_NL__2PRFIN20070430_191544_000000402057_00400_27007_4348.N1	30-APR-2007 19:15:44	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	27007	No
216	GOM_NL__2PRFIN20070430_191717_000000402057_00400_27007_4349.N1	30-APR-2007 19:17:17	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	27007	No
217	GOM_NL__2PRFIN20070430_191923_000000462057_00400_27007_4350.N1	30-APR-2007 19:19:23	Twi_and_stray	46.000	54	5The Cen	2.0550	4500.0	92	27007	No
218	GOM_NL__2PRFIN20070430_192341_000000482057_00400_27007_4351.N1	30-APR-2007 19:23:41	Bright	48.000	169	46Gam Hya	2.9910	4700.0	96	27007	No
219	GOM_NL__2PRFIN20070430_192701_000000382057_00400_27007_4352.N1	30-APR-2007 19:27:01	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	27007	No

220	GOM_NL__2PRFIN20070430_193005_000000362057_00400_27007_4353.N1	30-APR-2007 19:30:05	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	27007	No
221	GOM_NL__2PRFIN20070430_193325_000000352057_00400_27007_4354.N1	30-APR-2007 19:33:25	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	27007	No
222	GOM_NL__2PRFIN20070430_194109_000000362057_00400_27007_4355.N1	30-APR-2007 19:41:09	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	27007	No
223	GOM_NL__2PRFIN20070430_194541_000000342057_00400_27007_4356.N1	30-APR-2007 19:45:41	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	27007	No
224	GOM_NL__2PRFIN20070430_194704_000000362057_00400_27007_4357.N1	30-APR-2007 19:47:04	Bright	35.500	82	48Bet UMa	2.3650	10600.	71	27007	No
225	GOM_NL__2PRFIN20070430_194823_000000372057_00400_27007_4358.N1	30-APR-2007 19:48:23	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	27007	No
226	GOM_NL__2PRFIN20070430_195554_000000442057_00400_27007_4359.N1	30-APR-2007 19:55:54	Bright	44.000	49	1Alp UMi	1.9900	6300.0	88	27007	No
227	GOM_NL__2PRFIN20070430_200346_000000312057_00400_27007_4360.N1	30-APR-2007 20:03:46	Bright	31.000	110	37Del Cas	2.6780	8900.0	62	27007	No
228	GOM_NL__2PRFIN20070430_200509_000000362057_00400_27007_4361.N1	30-APR-2007 20:05:09	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	27007	No
229	GOM_NL__2PRFIN20070430_203048_000000472057_00400_27007_4362.N1	30-APR-2007 20:30:48	Dark	47.000	18	24Alp PsA	1.1660	9700.0	94	27007	No
230	GOM_NL__2PRFIN20070430_203912_000000392057_00401_27008_4351.N1	30-APR-2007 20:39:12	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	27008	No
231	GOM_NL__2PRFIN20070430_204201_000000392057_00401_27008_4352.N1	30-APR-2007 20:42:01	Dark	39.000	45	Alp Pav	1.9400	26000.	78	27008	No
232	GOM_NL__2PRFIN20070430_204840_000000392057_00401_27008_4353.N1	30-APR-2007 20:48:40	Straylight	38.500	43	Alp TrA	1.9100	4250.0	77	27008	No
233	GOM_NL__2PRFIN20070430_205051_000000382057_00401_27008_4354.N1	30-APR-2007 20:50:51	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	27008	No
234	GOM_NL__2PRFIN20070430_205256_000000502057_00401_27008_4355.N1	30-APR-2007 20:52:56	Straylight	49.500	4	Alp1Cen	-0.010000	5800.0	99	27008	No
235	GOM_NL__2PRFIN20070430_205620_000000412057_00401_27008_4356.N1	30-APR-2007 20:56:20	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	27008	No
236	GOM_NL__2PRFIN20070430_205753_000000412057_00401_27008_4357.N1	30-APR-2007 20:57:53	Straylight	41.000	81	Eta Cen	2.3560	28000.	82	27008	No
237	GOM_NL__2PRFIN20070430_205959_000000402057_00401_27008_4358.N1	30-APR-2007 20:59:59	Twilight_stray	40.000	54	5The Cen	2.0550	4500.0	80	27008	No
238	GOM_NL__2PRFIN20070430_210417_000000462057_00401_27008_4359.N1	30-APR-2007 21:04:17	Bright	46.000	169	46Gam Hya	2.9910	4700.0	92	27008	No
239	GOM_NL__2PRFIN20070430_210638_000000362057_00401_27008_4360.N1	30-APR-2007 21:06:38	Bright	35.500	163	7Del Crv	2.9450	11000.	71	27008	No
240	GOM_NL__2PRFIN20070430_211041_000000362057_00401_27008_4361.N1	30-APR-2007 21:10:41	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	27008	No
241	GOM_NL__2PRFIN20070430_211401_000000352057_00401_27008_4362.N1	30-APR-2007 21:14:01	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	27008	No
242	GOM_NL__2PRFIN20070430_212145_000000352057_00401_27008_4363.N1	30-APR-2007 21:21:45	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	27008	No
243	GOM_NL__2PRFIN20070430_212617_000000362057_00401_27008_4364.N1	30-APR-2007 21:26:17	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	27008	No
244	GOM_NL__2PRFIN20070430_212740_000000362057_00401_27008_4365.N1	30-APR-2007 21:27:40	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	27008	No
245	GOM_NL__2PRFIN20070430_212900_000000522057_00401_27008_4366.N1	30-APR-2007 21:29:00	Bright	52.000	36	50Alp UMa	1.8000	6300.0	104	27008	No
246	GOM_NL__2PRFIN20070430_213630_000000352057_00401_27008_4367.N1	30-APR-2007 21:36:30	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27008	No
247	GOM_NL__2PRFIN20070430_214422_000000442057_00401_27008_4368.N1	30-APR-2007 21:44:22	Bright	43.500	110	37Del Cas	2.6780	8900.0	87	27008	No
248	GOM_NL__2PRFIN20070430_214545_000000332057_00401_27008_4369.N1	30-APR-2007 21:45:45	Bright	32.500	68	18Alp Cas	2.2250	4500.0	65	27008	No
249	GOM_NL__2PRFIN20070430_221124_000000442057_00401_27008_4370.N1	30-APR-2007 22:11:24	Dark	44.000	18	24Alp PsA	1.1660	9700.0	88	27008	No
250	GOM_NL__2PRFIN20070430_221710_000000402057_00401_27008_4371.N1	30-APR-2007 22:17:10	Dark	40.000	31	Alp Gru	1.7340	15200.	80	27008	No
251	GOM_NL__2PRFIN20070430_221948_000000392057_00402_27009_4364.N1	30-APR-2007 22:19:48	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	27009	No
252	GOM_NL__2PRFIN20070430_222238_000000392057_00402_27009_4365.N1	30-APR-2007 22:22:38	Dark	39.000	45	Alp Pav	1.9400	26000.	78	27009	No
253	GOM_NL__2PRFIN20070430_222916_000000402057_00402_27009_4366.N1	30-APR-2007 22:29:16	Straylight	40.000	43	Alp TrA	1.9100	4250.0	80	27009	No
254	GOM_NL__2PRFIN20070430_223128_000000392057_00402_27009_4367.N1	30-APR-2007 22:31:28	Straylight	39.000	134	Bet TrA	2.8100	6600.0	78	27009	No
255	GOM_NL__2PRFIN20070430_223332_000000522057_00402_27009_4368.N1	30-APR-2007 22:33:32	Straylight	51.500	4	Alp1Cen	-0.010000	5800.0	103	27009	No
256	GOM_NL__2PRFIN20070430_223657_000000412057_00402_27009_4369.N1	30-APR-2007 22:36:57	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	27009	No
257	GOM_NL__2PRFIN20070430_223830_000000412057_00402_27009_4370.N1	30-APR-2007 22:38:30	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	27009	No
258	GOM_NL__2PRFIN20070430_224035_000000462057_00402_27009_4371.N1	30-APR-2007 22:40:35	Twilight_stray	46.000	54	5The Cen	2.0550	4500.0	92	27009	No
259	GOM_NL__2PRFIN20070430_224453_000000462057_00402_27009_4372.N1	30-APR-2007 22:44:53	Bright	46.000	169	46Gam Hya	2.9910	4700.0	92	27009	No
260	GOM_NL__2PRFIN20070430_224714_000000362057_00402_27009_4373.N1	30-APR-2007 22:47:14	Bright	35.500	163	7Del Crv	2.9450	11000.	71	27009	No
261	GOM_NL__2PRFIN20070430_225117_000000362057_00402_27009_4374.N1	30-APR-2007 22:51:17	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	27009	No
262	GOM_NL__2PRFIN20070430_225437_000000352057_00402_27009_4375.N1	30-APR-2007 22:54:37	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	27009	No
263	GOM_NL__2PRFIN20070430_230221_000000342057_00402_27009_4376.N1	30-APR-2007 23:02:21	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	27009	No
264	GOM_NL__2PRFIN20070430_230653_000000362057_00402_27009_4377.N1	30-APR-2007 23:06:53	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	27009	No
265	GOM_NL__2PRFIN20070430_230816_000000342057_00402_27009_4378.N1	30-APR-2007 23:08:16	Bright	33.500	82	48Bet UMa	2.3650	10600.	67	27009	No
266	GOM_NL__2PRFIN20070430_230936_000000382057_00402_27009_4379.N1	30-APR-2007 23:09:36	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	27009	No
267	GOM_NL__2PRFIN20070430_231706_000000352057_00402_27009_4380.N1	30-APR-2007 23:17:06	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27009	No
268	GOM_NL__2PRFIN20070430_232458_000000522057_00402_27009_4381.N1	30-APR-2007 23:24:58	Bright	52.000	110	37Del Cas	2.6780	8900.0	104	27009	No
269	GOM_NL__2PRFIN20070430_232621_000000522057_00402_27009_4382.N1	30-APR-2007 23:26:21	Bright	51.500	68	18Alp Cas	2.2250	4500.0	103	27009	No
270	GOM_NL__2PRFIN20070430_235200_000000472057_00402_27009_4383.N1	30-APR-2007 23:52:00	Dark	46.500	18	24Alp PsA	1.1660	9700.0	93	27009	No
271	GOM_NL__2PRFIN20070430_235746_000000402057_00402_27009_4384.N1	30-APR-2007 23:57:46	Dark	40.000	31	Alp Gru	1.7340	15200.	80	27009	No

3. Quality information per product

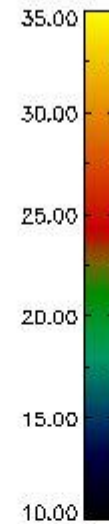
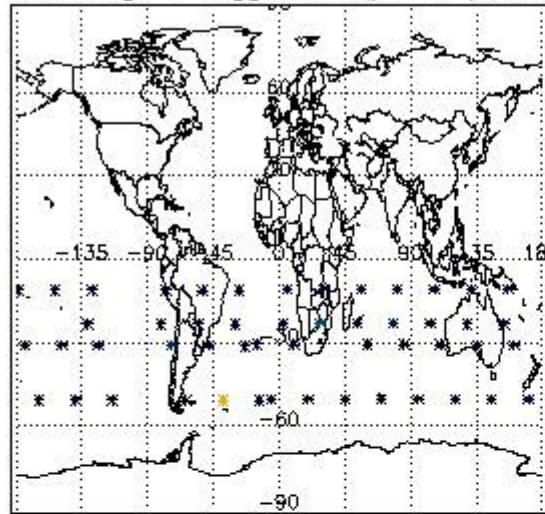
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

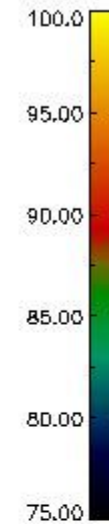
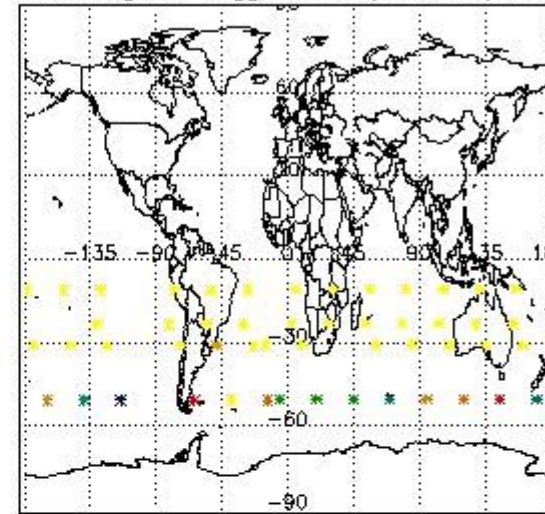


3.2 Plot quality information per product (world map)

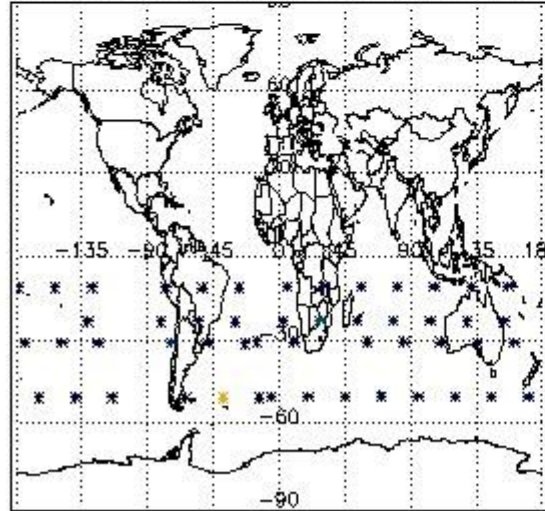
Percentage of flagged data per O3 profile



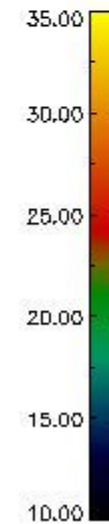
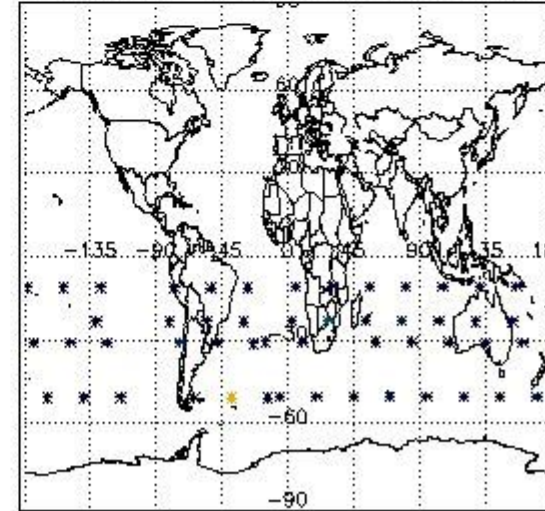
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

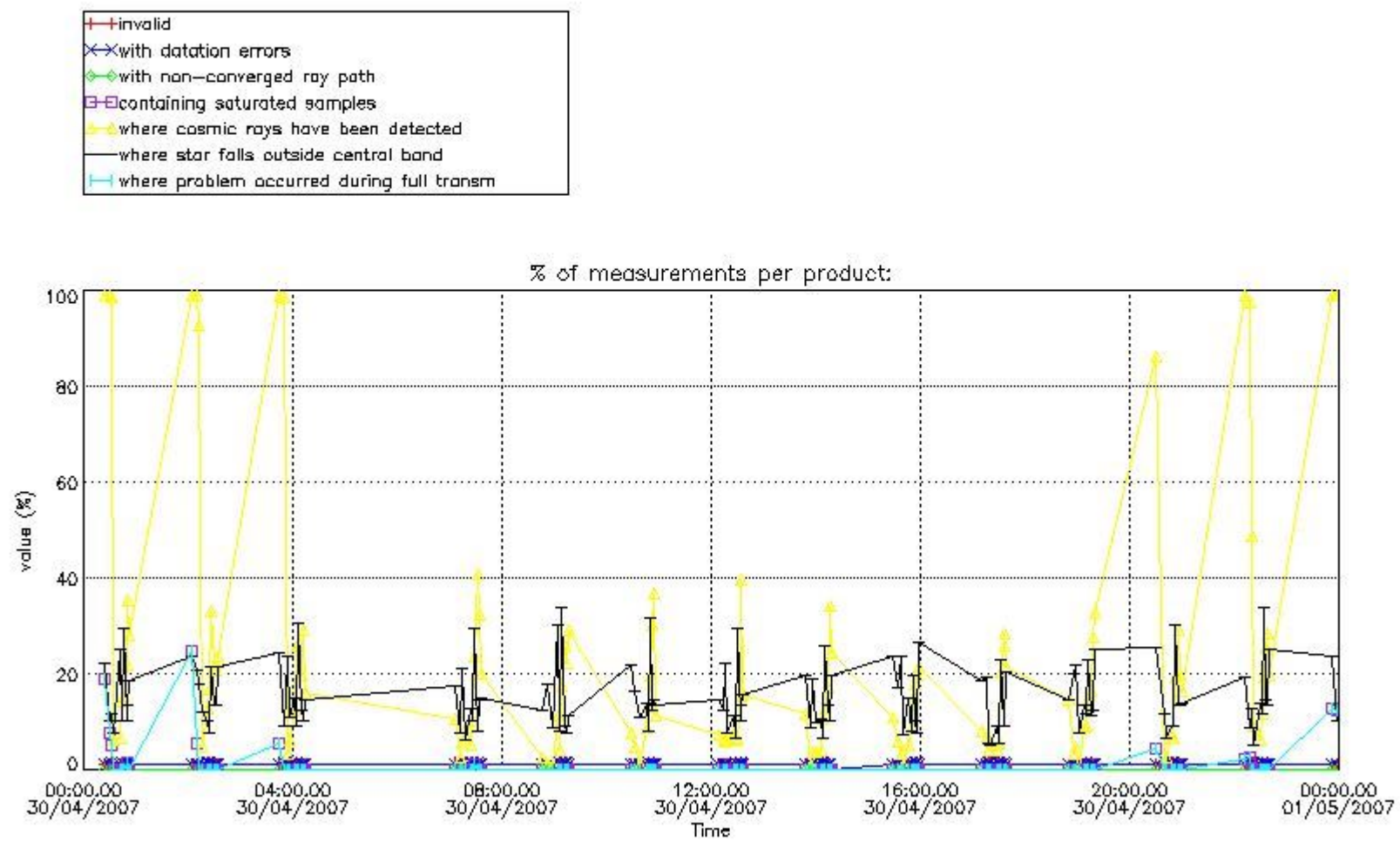


4. Level 1 quality information per product

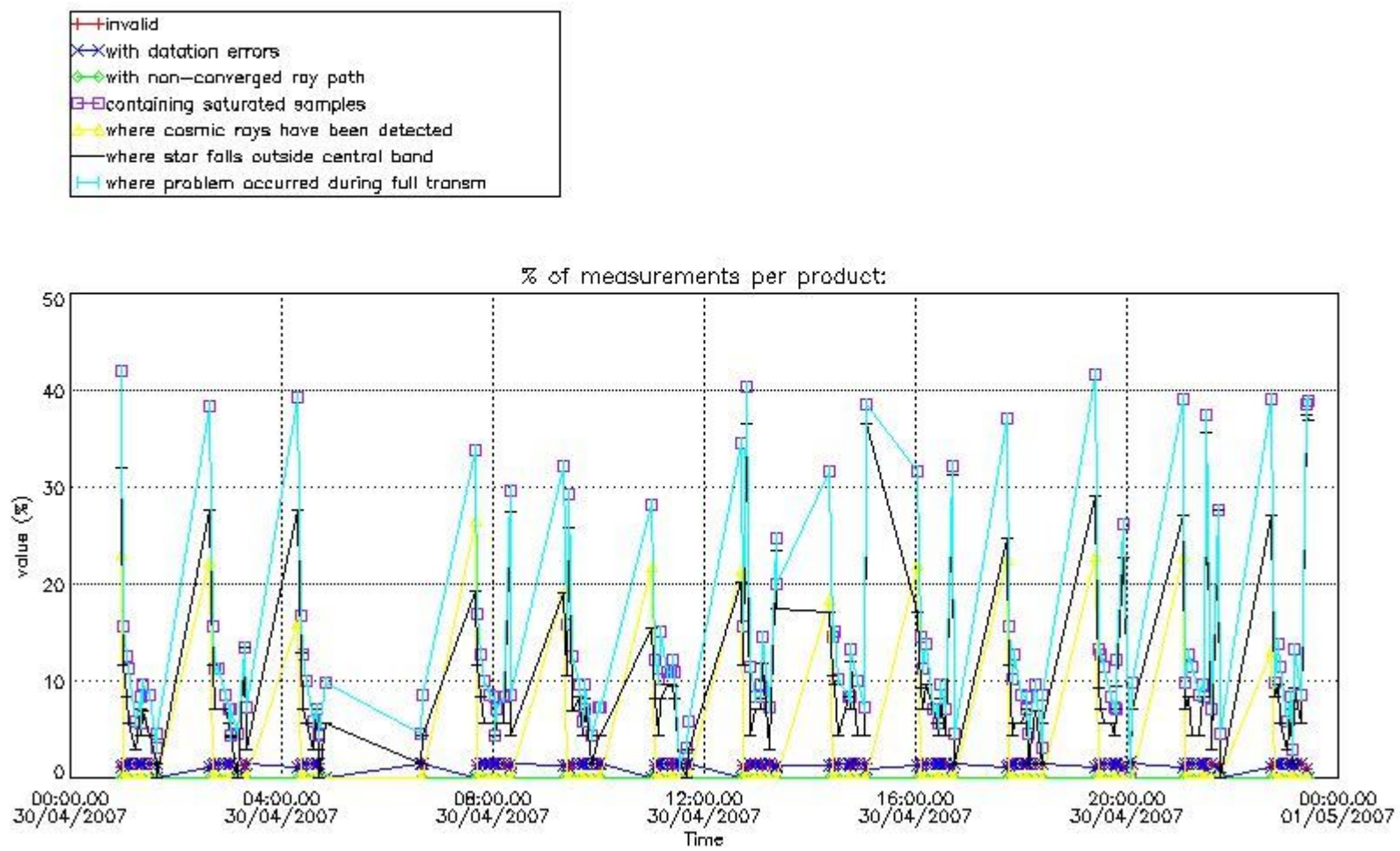
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

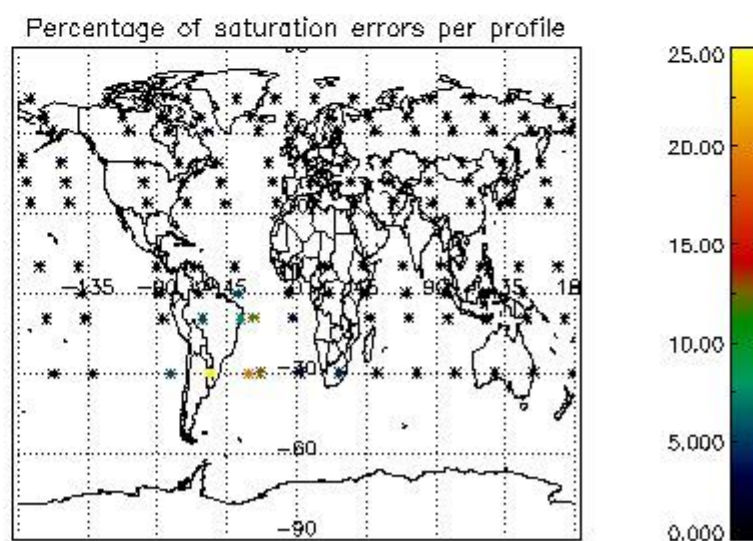
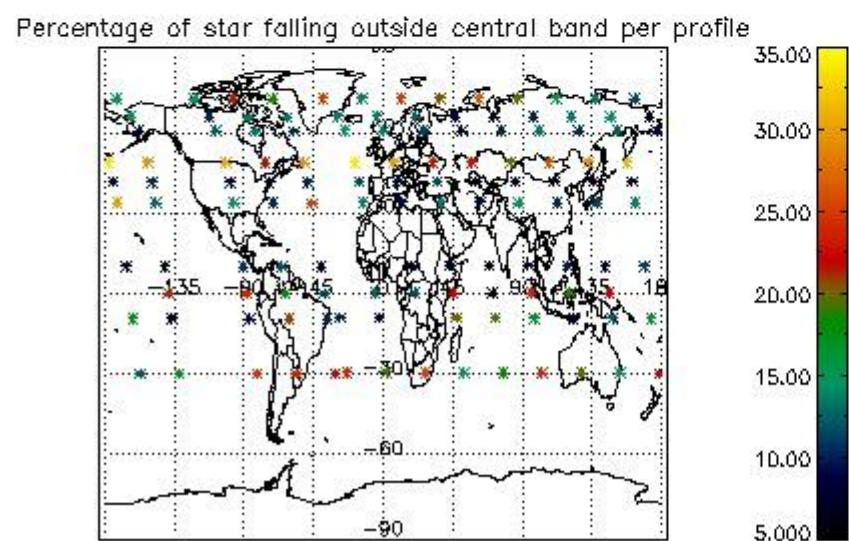
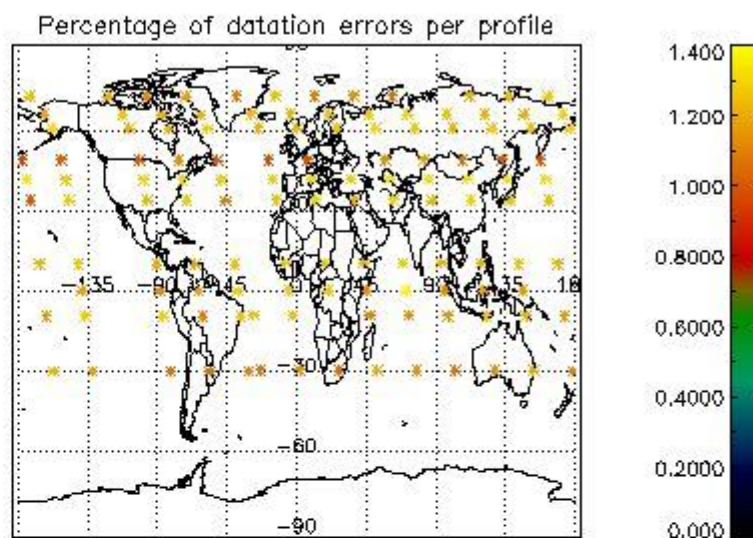
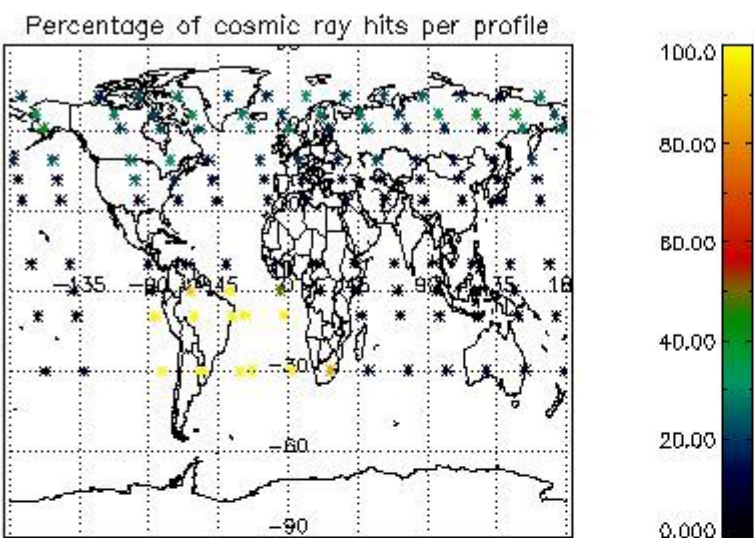


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

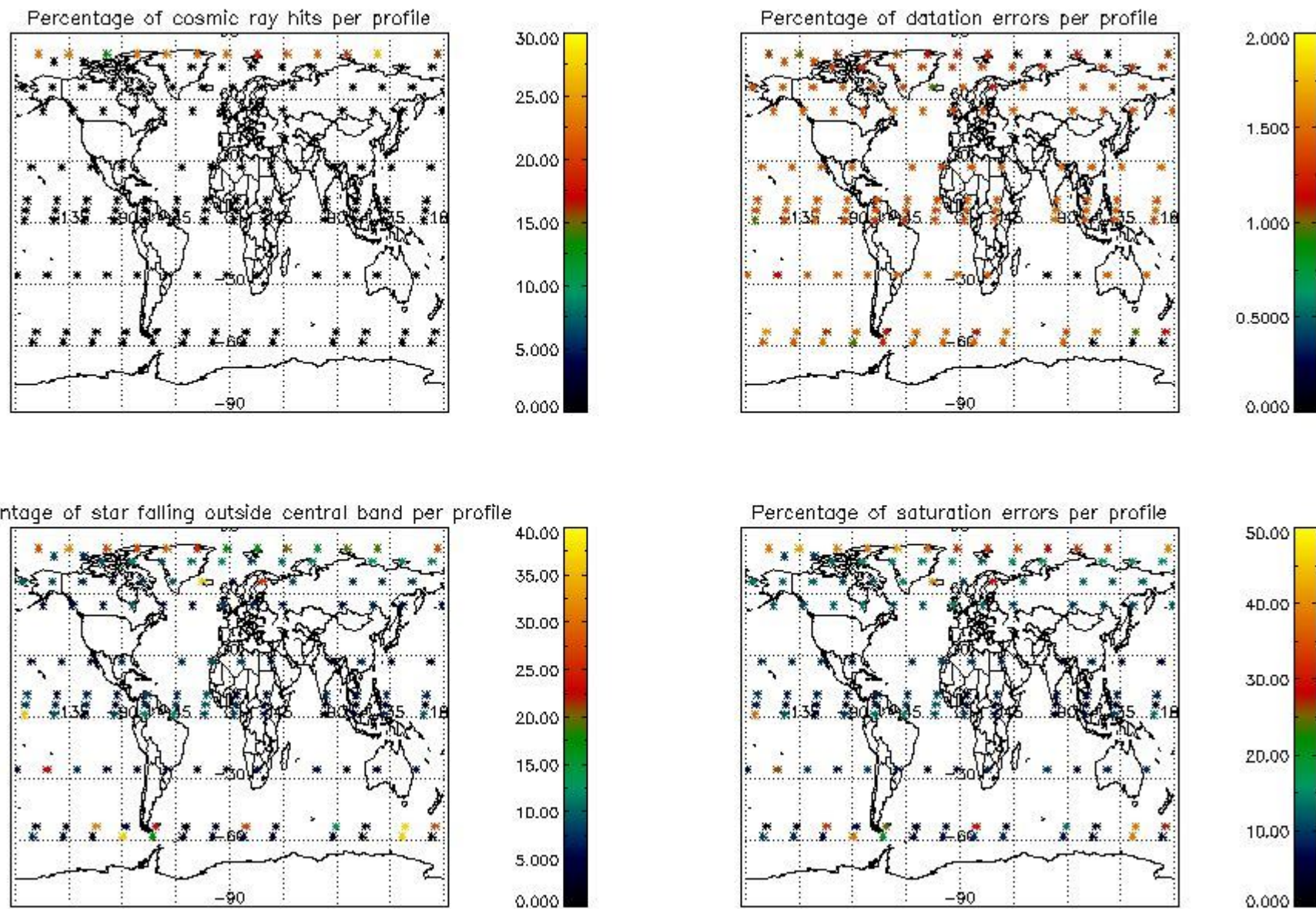


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

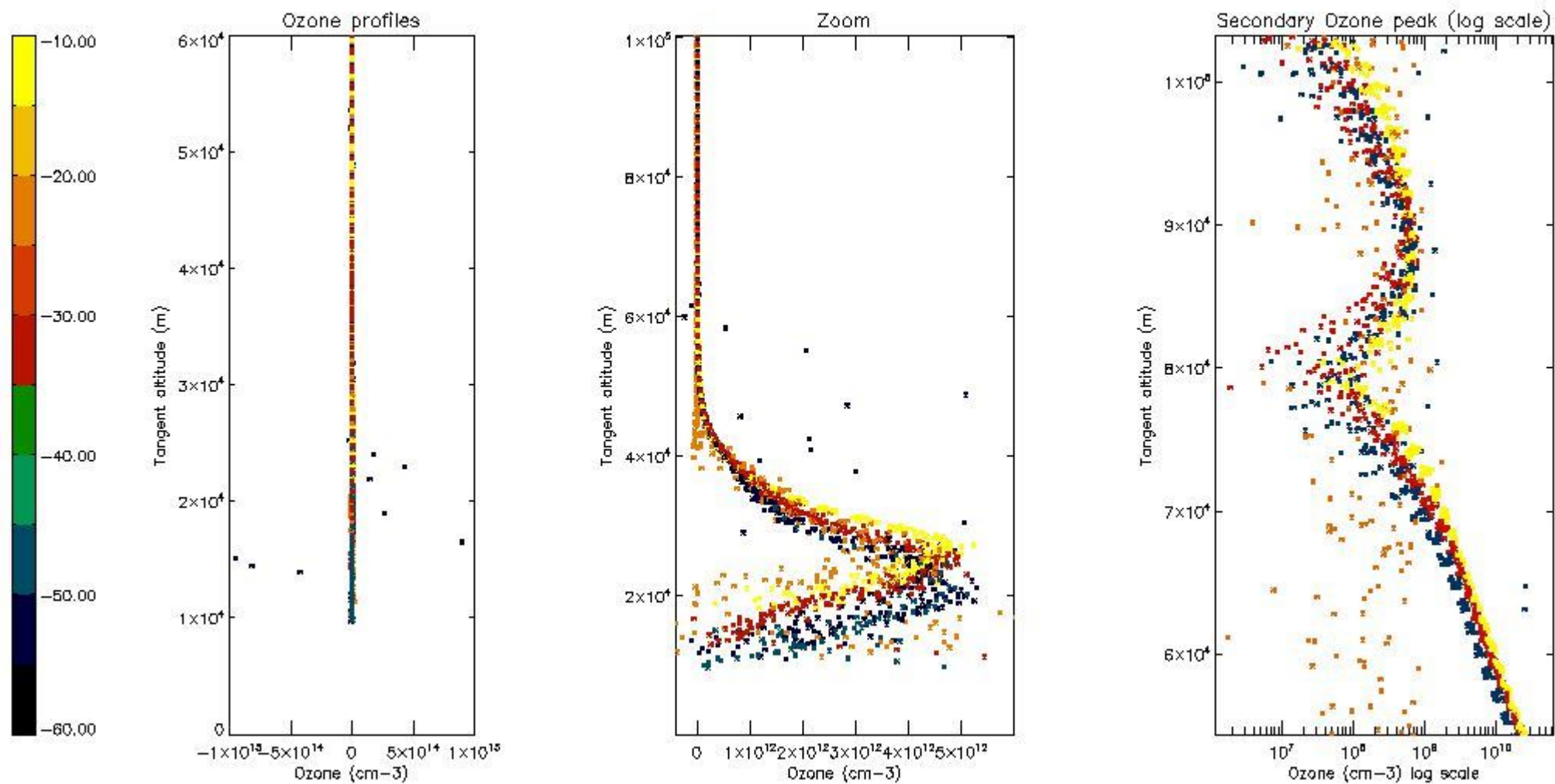
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	21
STD < 20	12

STD < 10	10
STD < 5	7

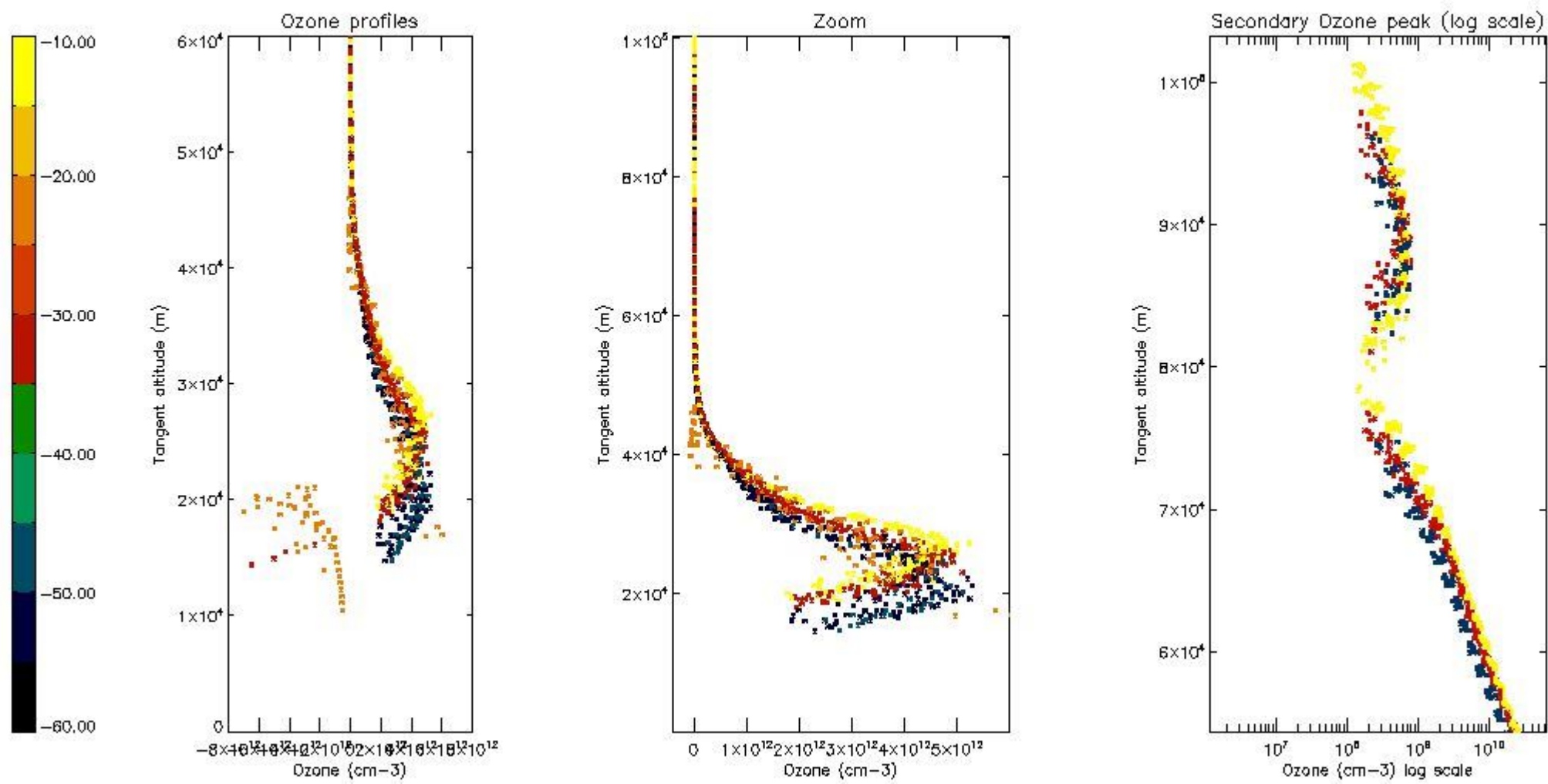
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



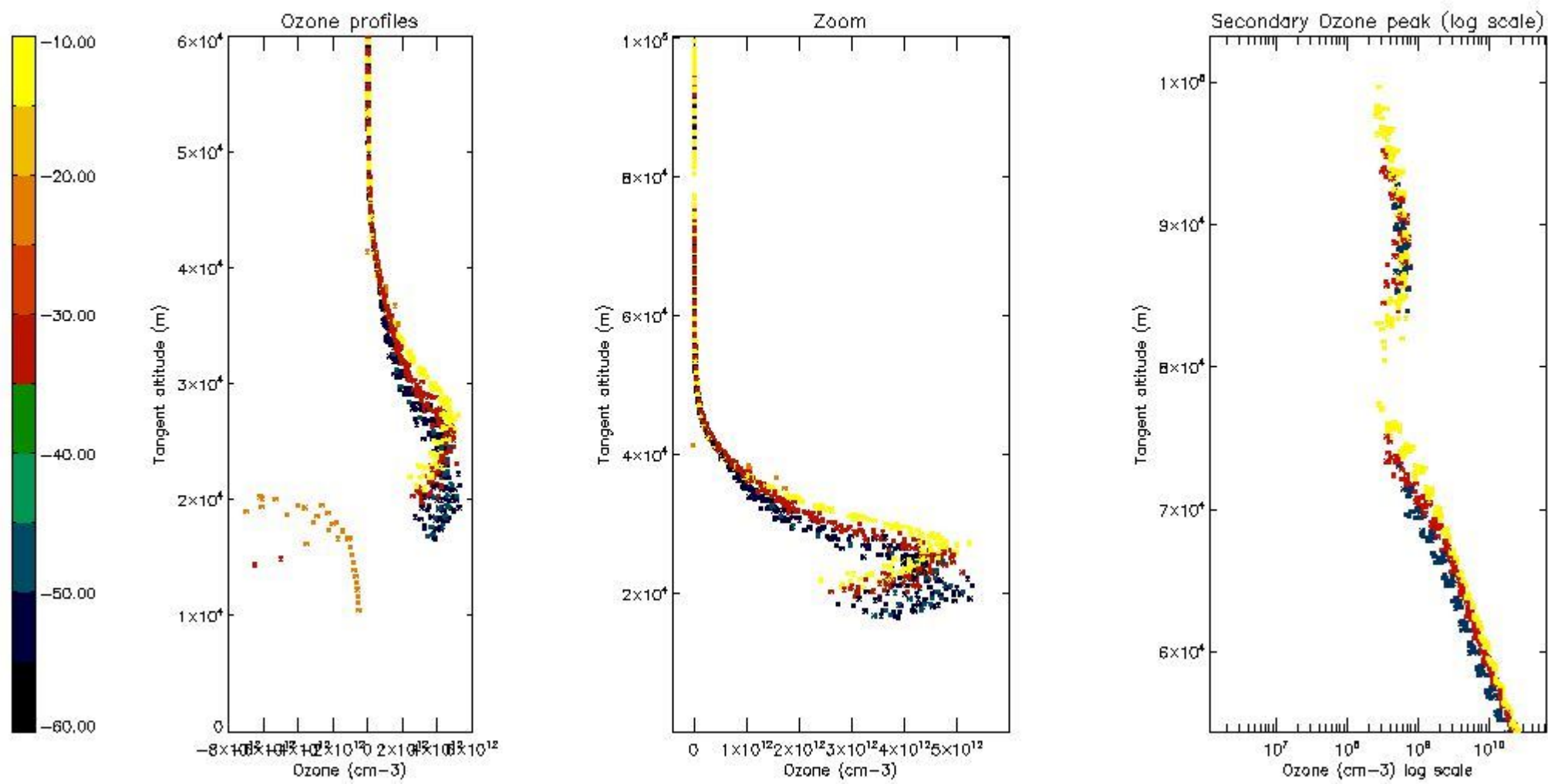
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



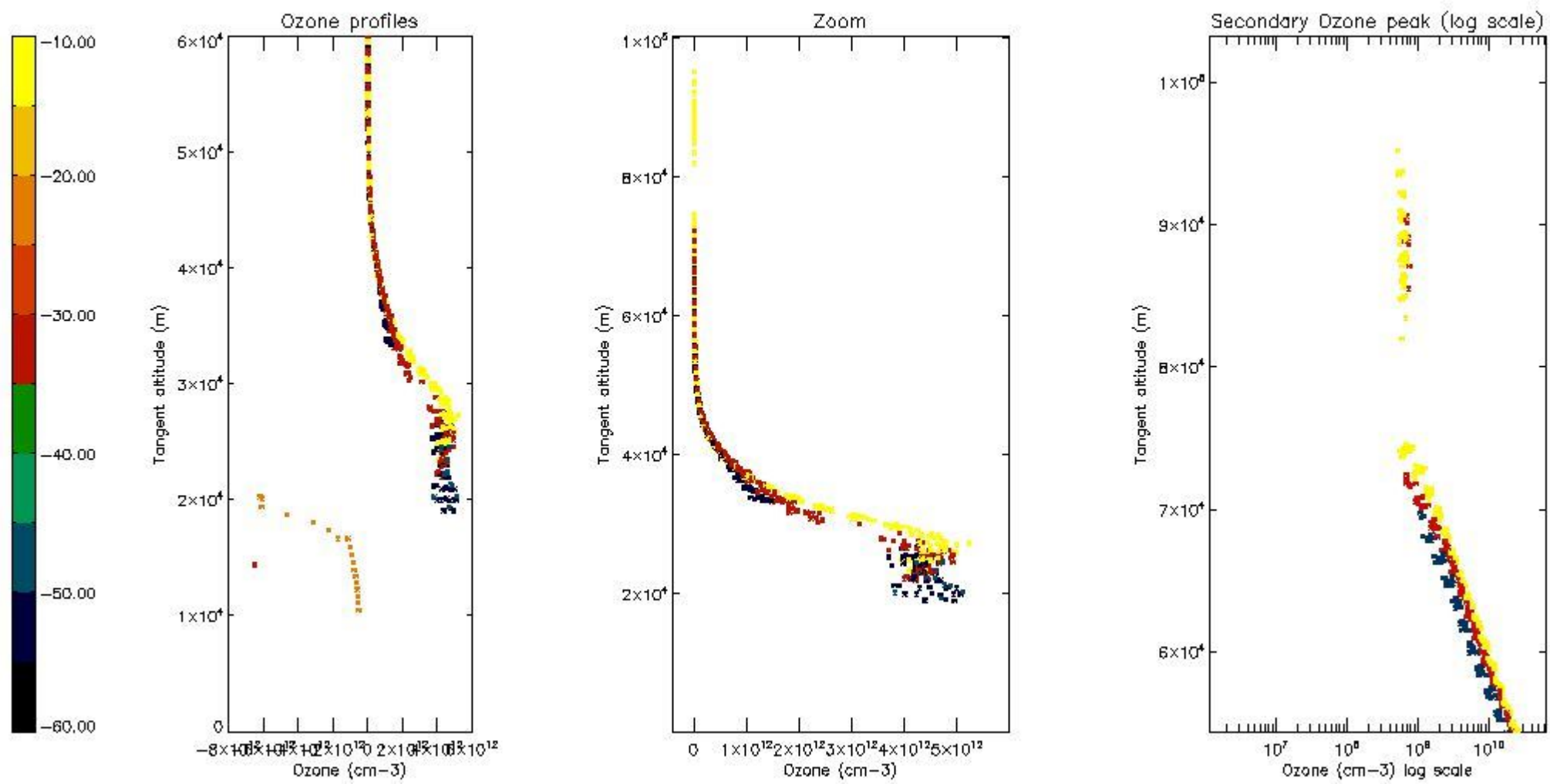
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



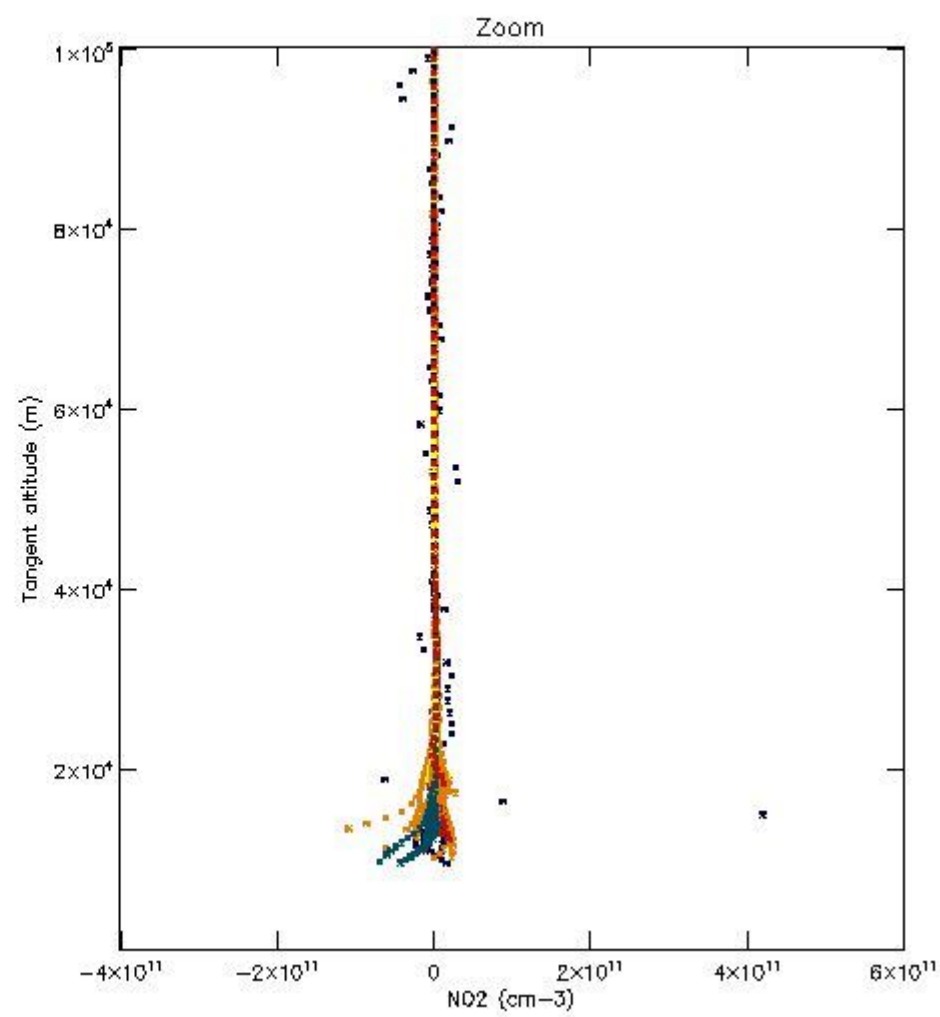
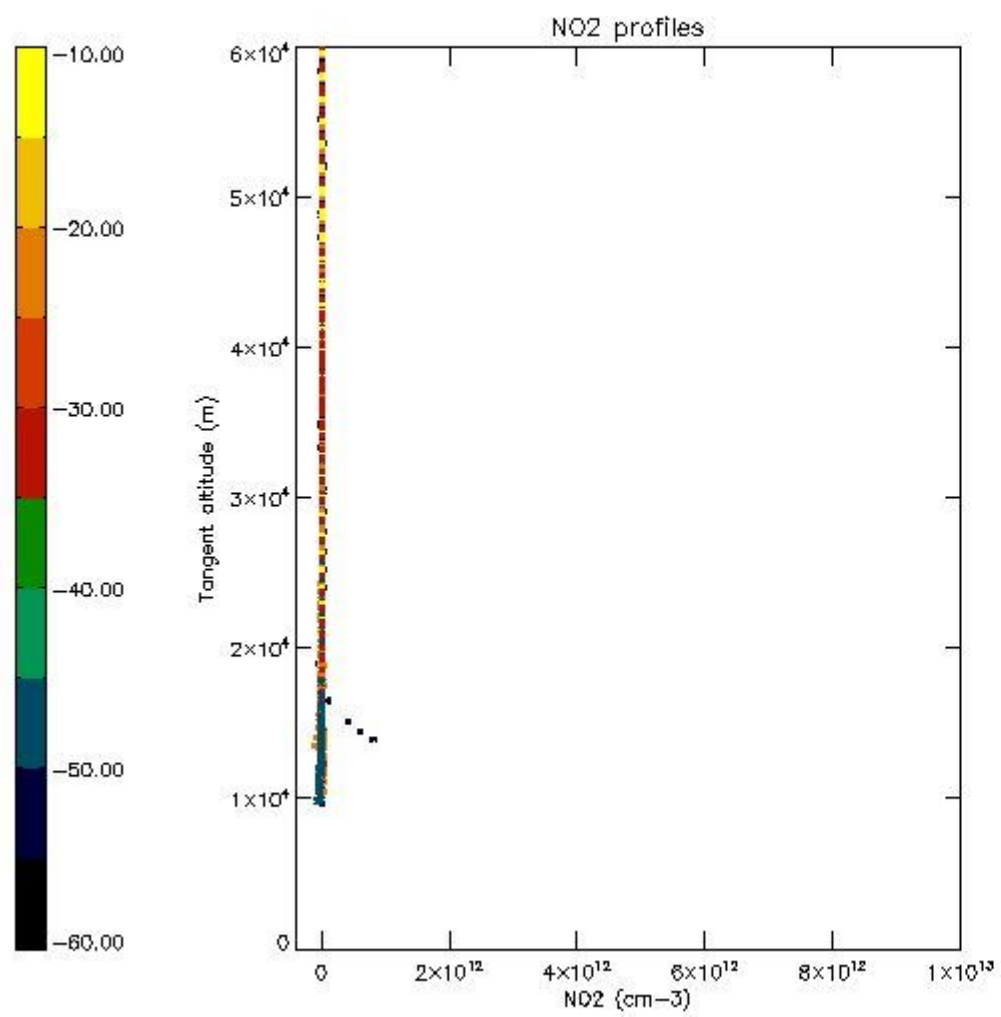
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



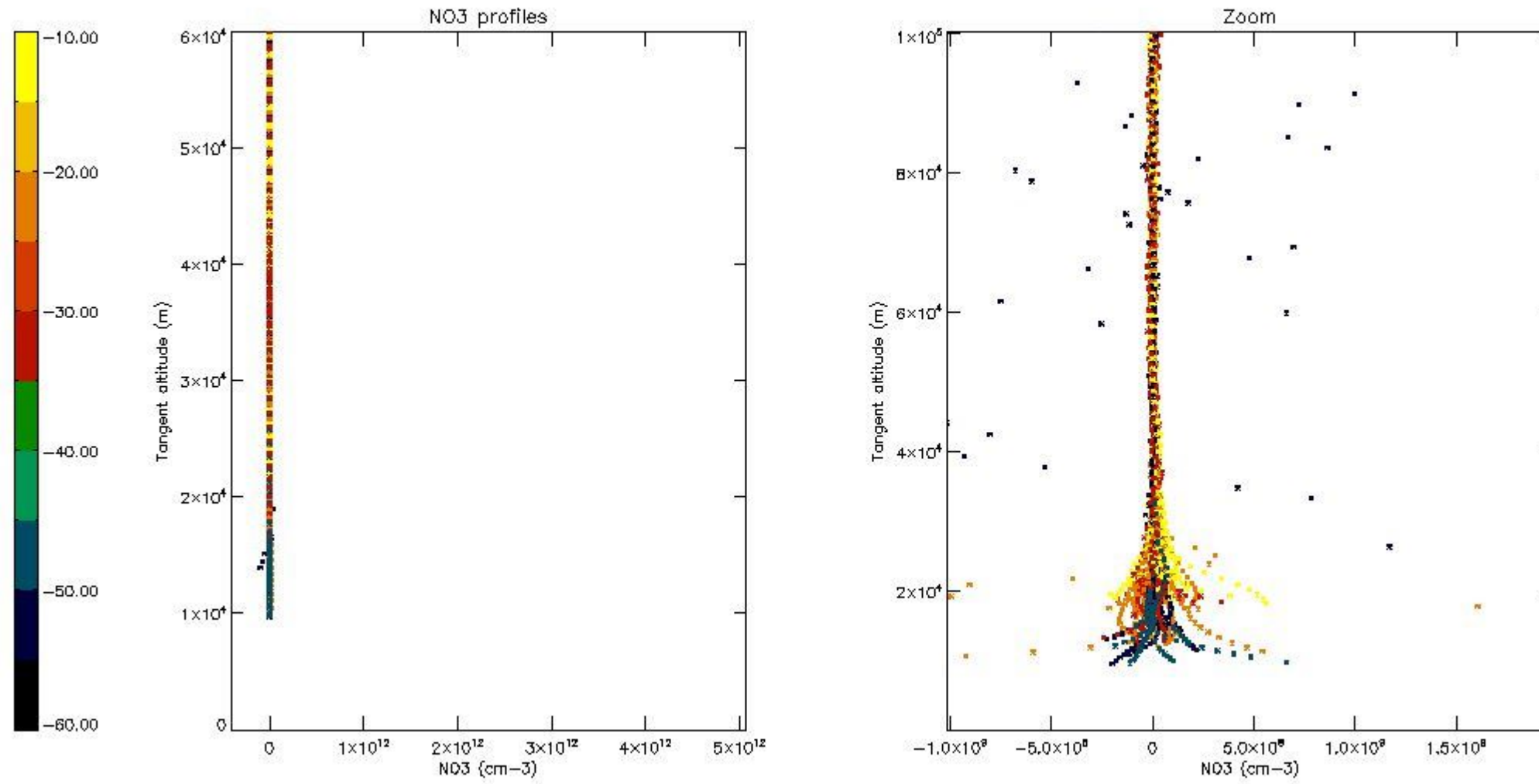
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	30-APR-2007 00:23:31
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	30-APR-2007 00:23:31
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	30-APR-2007 00:23:31

GOMOS Level 2 Daily Report

SUMMARY

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

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

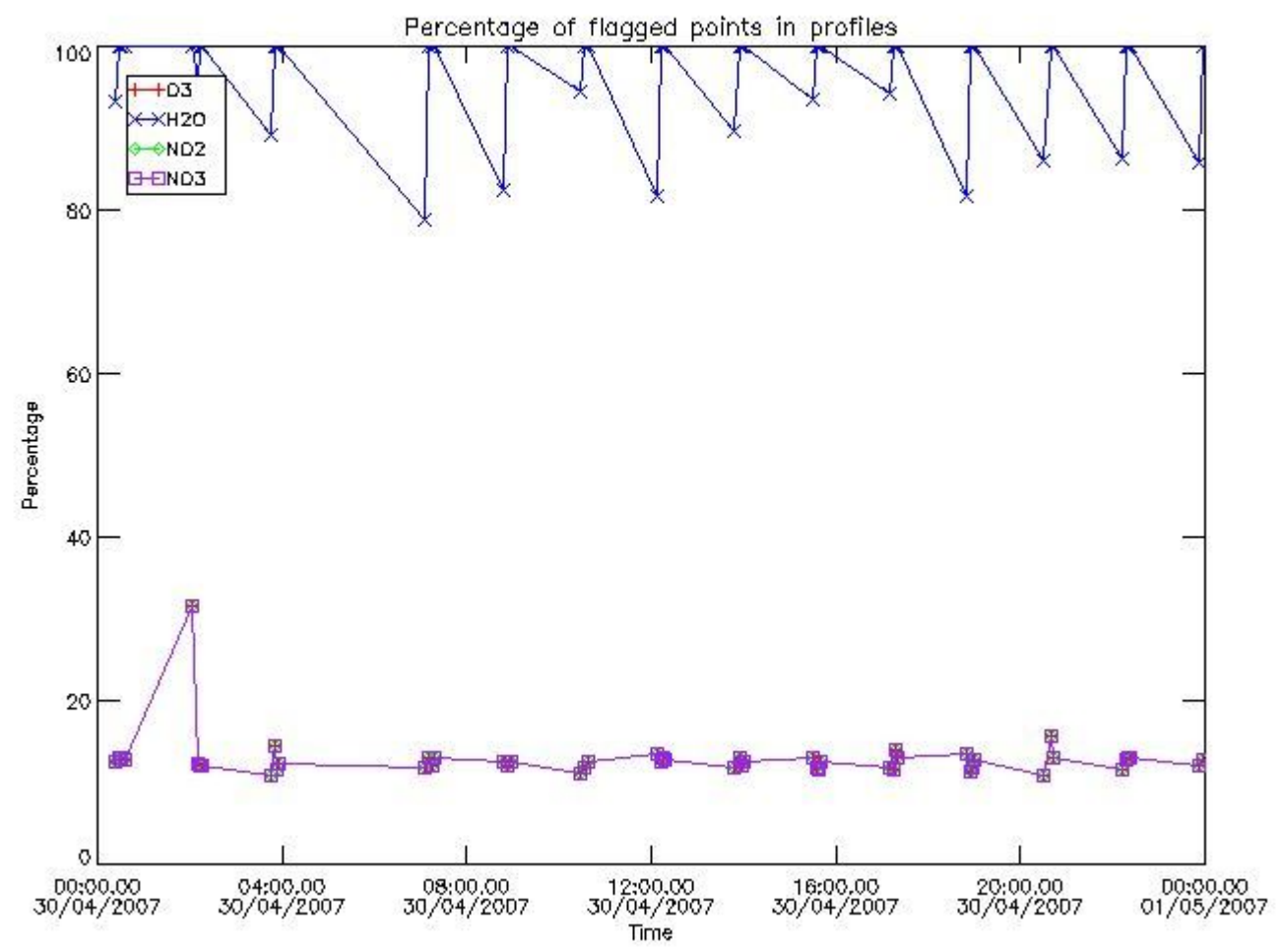
This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also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

Item	Value
Time of report generation	22APR2013 19:03:04
Data source version	GOMOS/6.01
Start time of products	30-04-2007 (30APR2007 00:00:00)
Stop time of products	01-05-2007 (01MAY2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	271
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

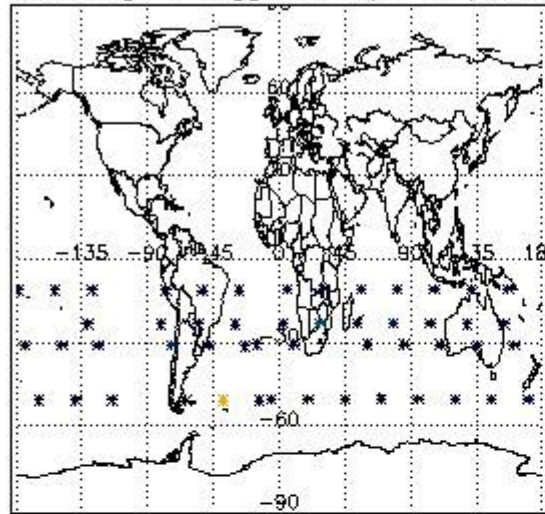
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20070430_002331_000000452057_00388_26995_4156.N1	30-APR-2007 00:23:31	Dark	45.000	18	24Alp PsA	1.1660	9700.0	90	26995	No
2	GOM_NL__2PRFIN20070430_002915_000000402057_00388_26995_4157.N1	30-APR-2007 00:29:15	Dark	39.500	31	Alp Gru	1.7340	15200.	79	26995	No
3	GOM_NL__2PRFIN20070430_003156_000000392057_00389_26996_4159.N1	30-APR-2007 00:31:56	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	26996	No
4	GOM_NL__2PRFIN20070430_003442_000000402057_00389_26996_4160.N1	30-APR-2007 00:34:42	Dark	40.000	45	Alp Pav	1.9400	26000.	80	26996	No
5	GOM_NL__2PRFIN20070430_004124_000000462057_00389_26996_4161.N1	30-APR-2007 00:41:24	Straylight	46.000	43	Alp TrA	1.9100	4250.0	92	26996	No
6	GOM_NL__2PRFIN20070430_004335_000000392057_00389_26996_4162.N1	30-APR-2007 00:43:35	Straylight	39.000	134	Bet TrA	2.8100	6600.0	78	26996	No
7	GOM_NL__2PRFIN20070430_004541_000000502057_00389_26996_4163.N1	30-APR-2007 00:45:41	Straylight	49.500	4	Alp1Cen	-0.010000	5800.0	99	26996	No
8	GOM_NL__2PRFIN20070430_004905_000000392057_00389_26996_4164.N1	30-APR-2007 00:49:05	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	26996	No
9	GOM_NL__2PRFIN20070430_005038_000000412057_00389_26996_4165.N1	30-APR-2007 00:50:38	Straylight	41.000	81	Eta Cen	2.3560	28000.	82	26996	No
10	GOM_NL__2PRFIN20070430_005245_000000432057_00389_26996_4166.N1	30-APR-2007 00:52:45	Twilight_stray	43.000	54	5The Cen	2.0550	4500.0	86	26996	No
11	GOM_NL__2PRFIN20070430_005703_000000502057_00389_26996_4167.N1	30-APR-2007 00:57:03	Bright	50.000	169	46Gam Hya	2.9910	4700.0	100	26996	No
12	GOM_NL__2PRFIN20070430_010024_000000392057_00389_26996_4168.N1	30-APR-2007 01:00:24	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	26996	No
13	GOM_NL__2PRFIN20070430_010327_000000362057_00389_26996_4169.N1	30-APR-2007 01:03:27	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	26996	No
14	GOM_NL__2PRFIN20070430_010648_000000362057_00389_26996_4170.N1	30-APR-2007 01:06:48	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	26996	No
15	GOM_NL__2PRFIN20070430_011434_000000342057_00389_26996_4171.N1	30-APR-2007 01:14:34	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	26996	No
16	GOM_NL__2PRFIN20070430_011904_000000362057_00389_26996_4172.N1	30-APR-2007 01:19:04	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	26996	No
17	GOM_NL__2PRFIN20070430_012026_000000352057_00389_26996_4173.N1	30-APR-2007 01:20:26	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	26996	No
18	GOM_NL__2PRFIN20070430_012145_000000362057_00389_26996_4174.N1	30-APR-2007 01:21:45	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	26996	No
19	GOM_NL__2PRFIN20070430_012918_000000352057_00389_26996_4175.N1	30-APR-2007 01:29:18	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	26996	No
20	GOM_NL__2PRFIN20070430_013709_000000332057_00389_26996_4176.N1	30-APR-2007 01:37:09	Bright	33.000	110	37Del Cas	2.6780	8900.0	66	26996	No
21	GOM_NL__2PRFIN20070430_013832_000000332057_00389_26996_4177.N1	30-APR-2007 01:38:32	Bright	32.500	68	18Alp Cas	2.2250	4500.0	65	26996	No
22	GOM_NL__2PRFIN20070430_020407_000000472057_00389_26996_4178.N1	30-APR-2007 02:04:07	Dark	46.500	18	24Alp PsA	1.1660	9700.0	93	26996	No
23	GOM_NL__2PRFIN20070430_020952_000000462057_00389_26996_4179.N1	30-APR-2007 02:09:52	Dark	45.500	31	Alp Gru	1.7340	15200.	91	26996	No
24	GOM_NL__2PRFIN20070430_021233_000000422057_00390_26997_4170.N1	30-APR-2007 02:12:33	Dark	42.000	148	Alp Tuc	2.8780	4100.0	84	26997	No
25	GOM_NL__2PRFIN20070430_021519_000000422057_00390_26997_4171.N1	30-APR-2007 02:15:19	Dark	42.000	45	Alp Pav	1.9400	26000.	84	26997	No
26	GOM_NL__2PRFIN20070430_022200_000000392057_00390_26997_4172.N1	30-APR-2007 02:22:00	Straylight	39.000	43	Alp TrA	1.9100	4250.0	78	26997	No
27	GOM_NL__2PRFIN20070430_022412_000000392057_00390_26997_4173.N1	30-APR-2007 02:24:12	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	26997	No
28	GOM_NL__2PRFIN20070430_022617_000000442057_00390_26997_4174.N1	30-APR-2007 02:26:17	Straylight	44.000	4	Alp1Cen	-0.010000	5800.0	88	26997	No
29	GOM_NL__2PRFIN20070430_022942_000000412057_00390_26997_4175.N1	30-APR-2007 02:29:42	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	26997	No
30	GOM_NL__2PRFIN20070430_023114_000000412057_00390_26997_4176.N1	30-APR-2007 02:31:14	Straylight	41.000	81	Eta Cen	2.3560	28000.	82	26997	No
31	GOM_NL__2PRFIN20070430_023321_000000452057_00390_26997_4177.N1	30-APR-2007 02:33:21	Twilight_stray	44.500	54	5The Cen	2.0550	4500.0	89	26997	No
32	GOM_NL__2PRFIN20070430_023739_000000472057_00390_26997_4178.N1	30-APR-2007 02:37:39	Bright	47.000	169	46Gam Hya	2.9910	4700.0	94	26997	No
33	GOM_NL__2PRFIN20070430_024100_000000392057_00390_26997_4179.N1	30-APR-2007 02:41:00	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	26997	No
34	GOM_NL__2PRFIN20070430_024404_000000362057_00390_26997_4180.N1	30-APR-2007 02:44:04	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	26997	No
35	GOM_NL__2PRFIN20070430_024725_000000362057_00390_26997_4181.N1	30-APR-2007 02:47:25	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	26997	No
36	GOM_NL__2PRFIN20070430_025510_000000352057_00390_26997_4182.N1	30-APR-2007 02:55:10	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	26997	No
37	GOM_NL__2PRFIN20070430_025940_000000352057_00390_26997_4183.N1	30-APR-2007 02:59:40	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	26997	No
38	GOM_NL__2PRFIN20070430_030102_000000352057_00390_26997_4184.N1	30-APR-2007 03:01:02	Bright	34.500	82	48Bet UMa	2.3650	10600.	69	26997	No
39	GOM_NL__2PRFIN20070430_030221_000000362057_00390_26997_4185.N1	30-APR-2007 03:02:21	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	26997	No
40	GOM_NL__2PRFIN20070430_030955_000000332057_00390_26997_4186.N1	30-APR-2007 03:09:55	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	26997	No
41	GOM_NL__2PRFIN20070430_031745_000000372057_00390_26997_4187.N1	30-APR-2007 03:17:45	Bright	37.000	110	37Del Cas	2.6780	8900.0	74	26997	No
42	GOM_NL__2PRFIN20070430_031908_000000352057_00390_26997_4188.N1	30-APR-2007 03:19:08	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	26997	No

3.1 Plot quality information per product (time dependant)

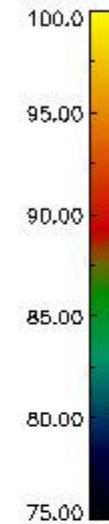
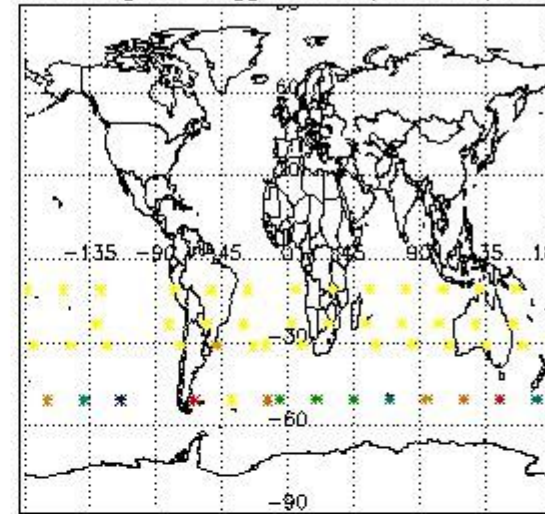


3.2 Plot quality information per product (world map)

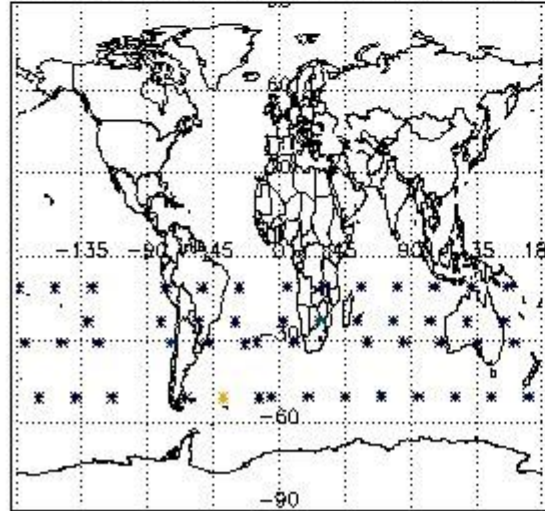
Percentage of flagged data per O3 profile



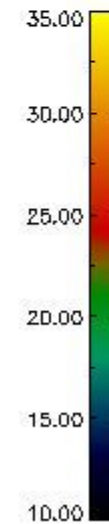
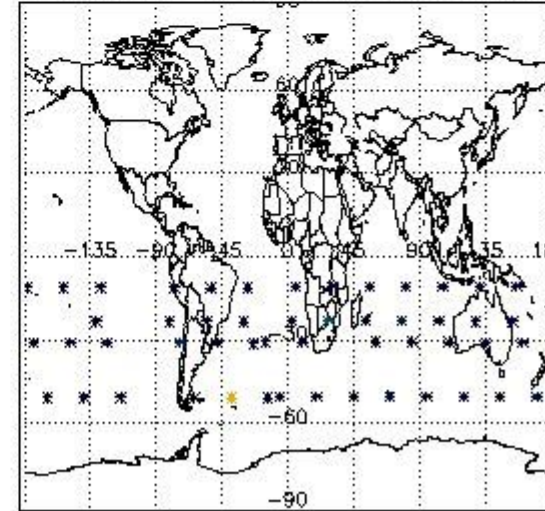
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

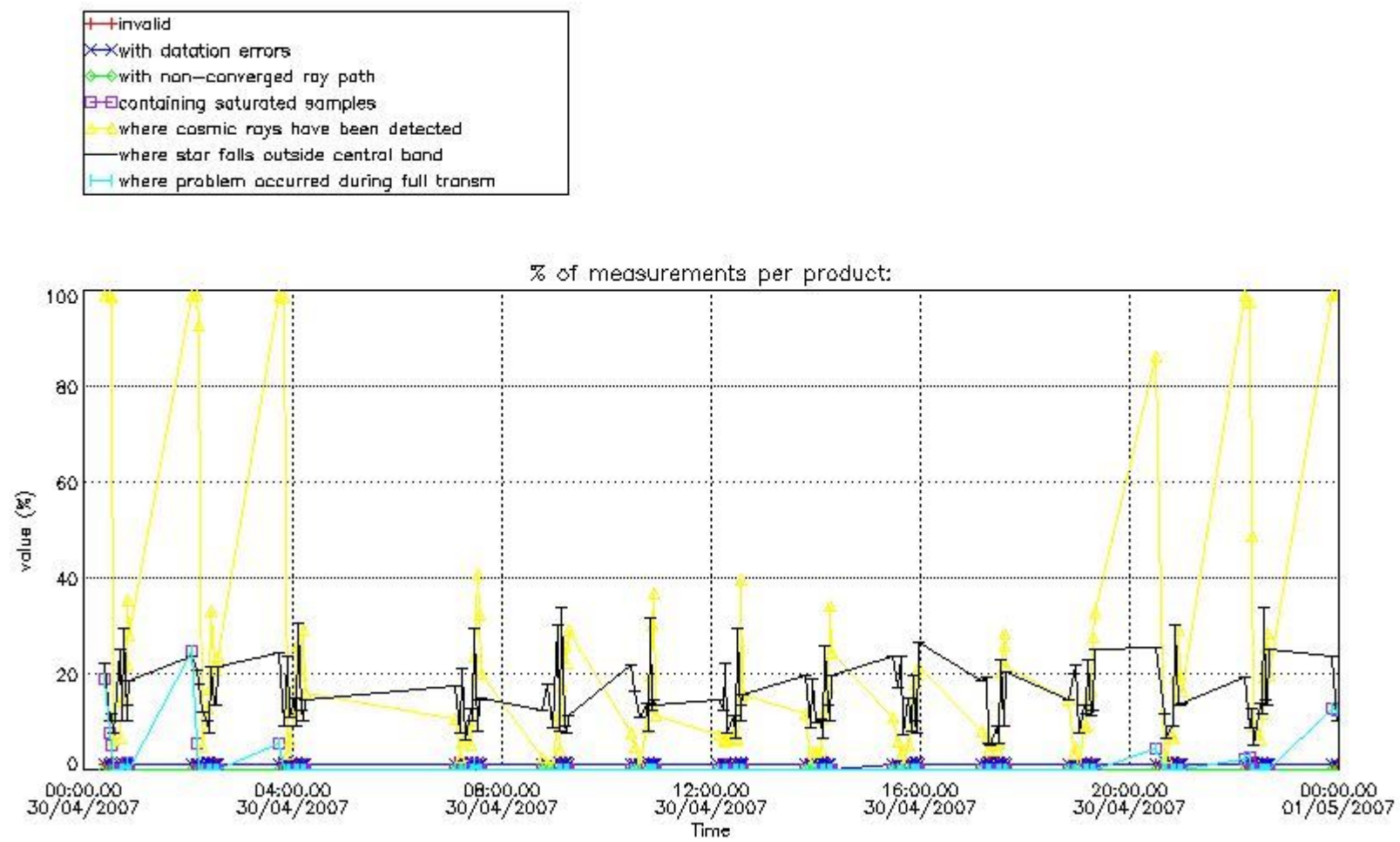


4. Level 1 quality information per product

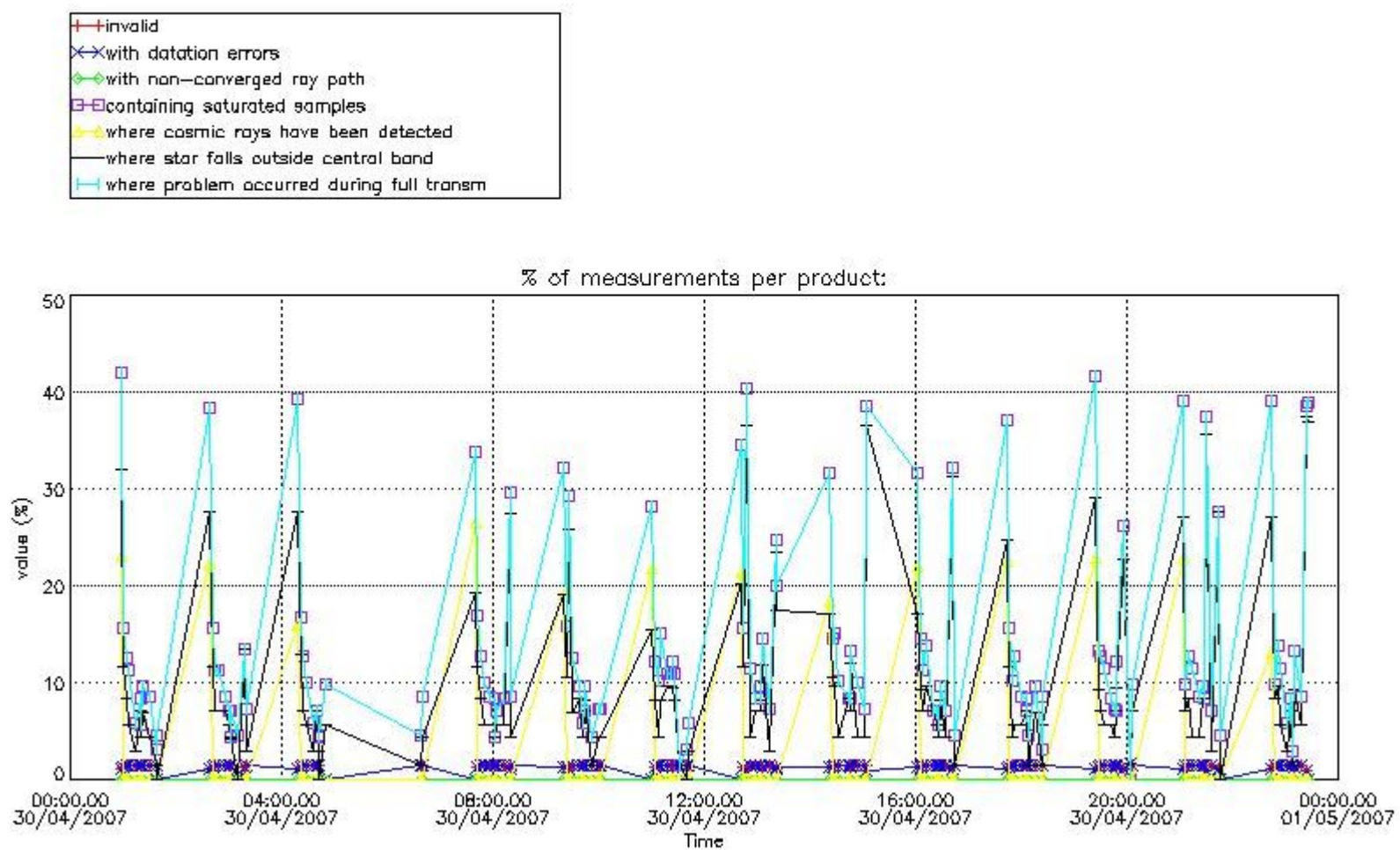
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

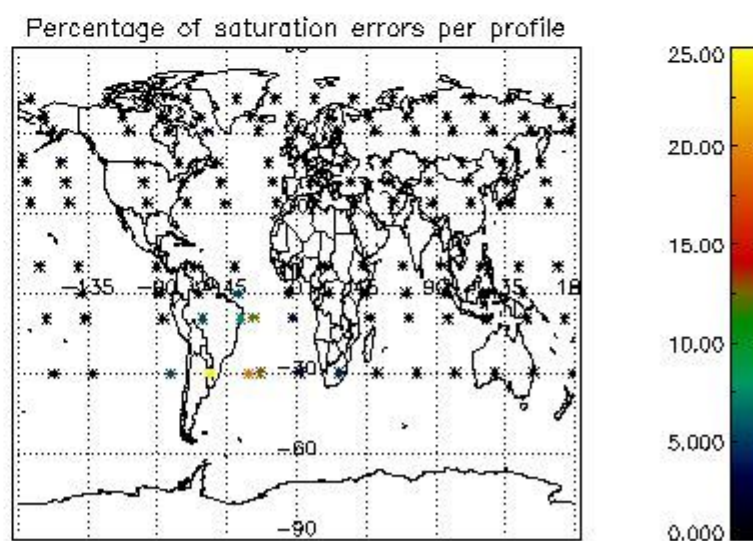
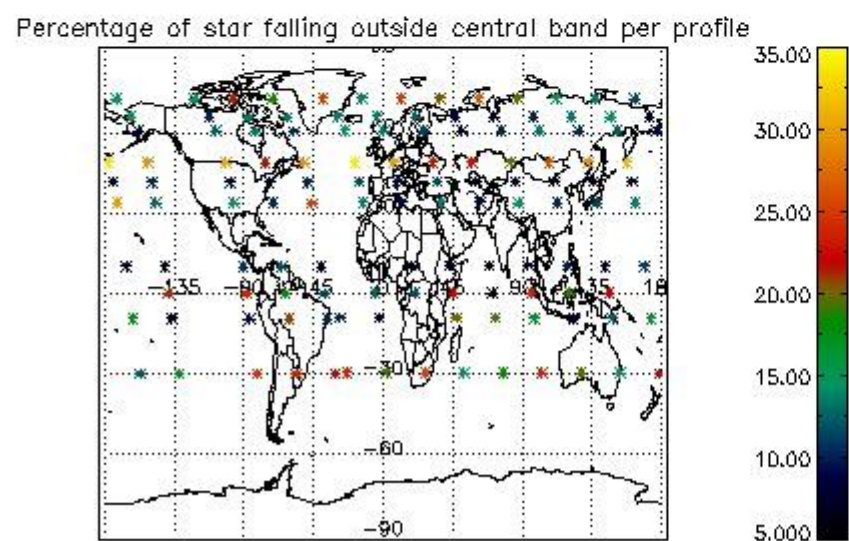
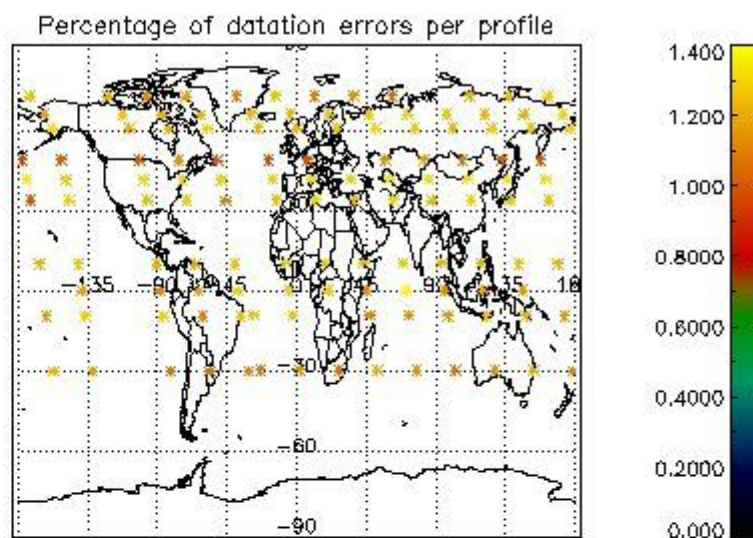
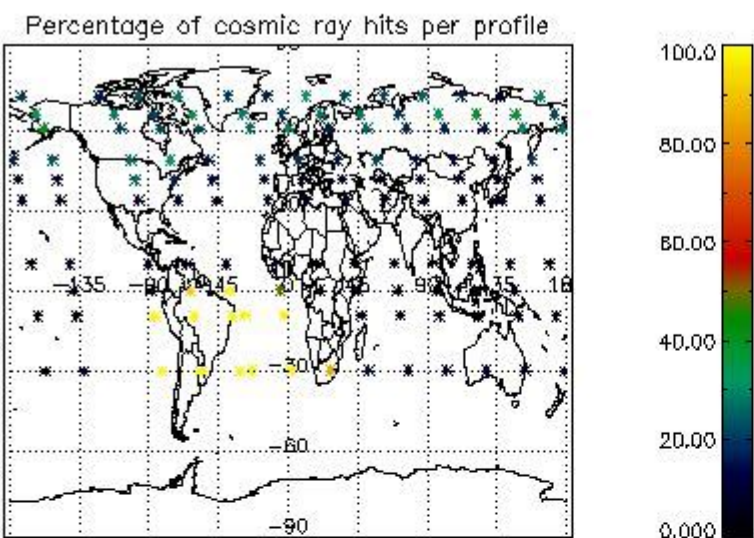


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

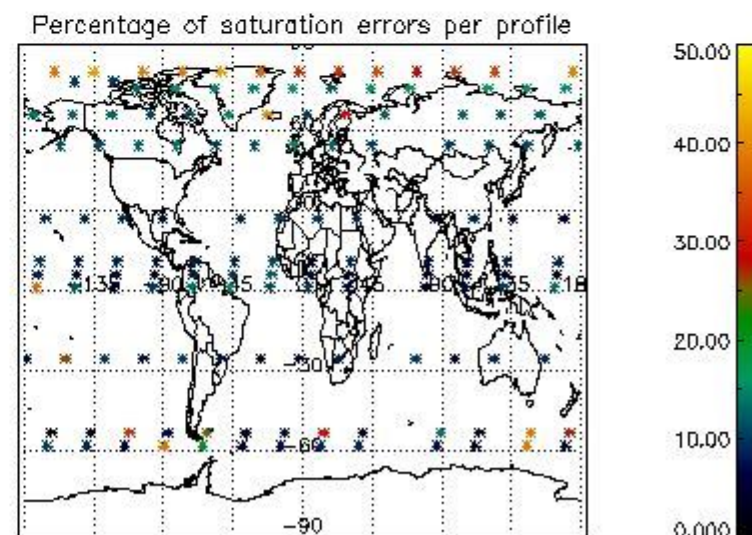
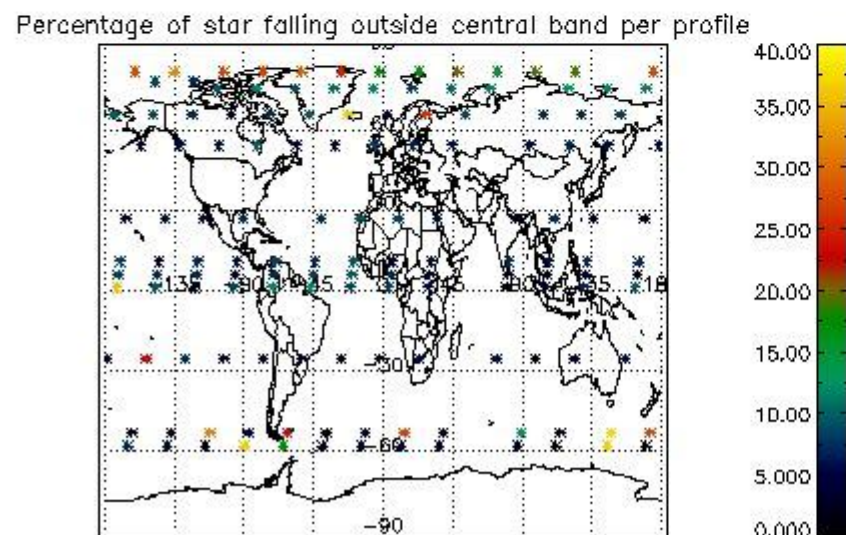
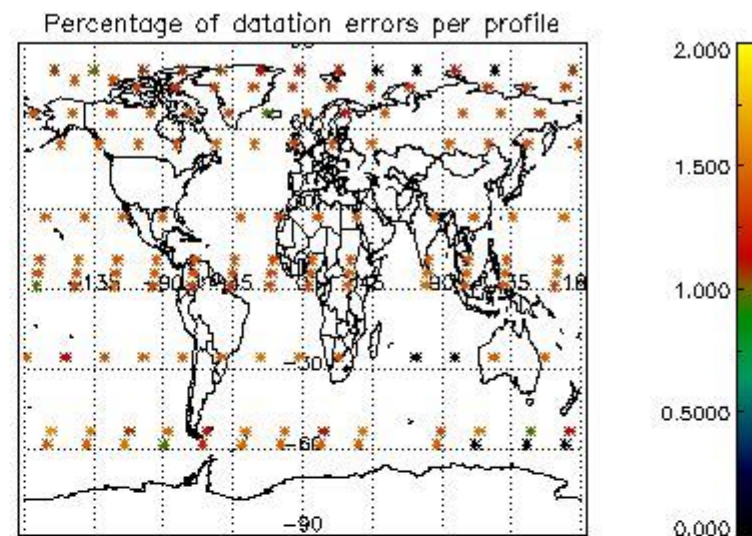
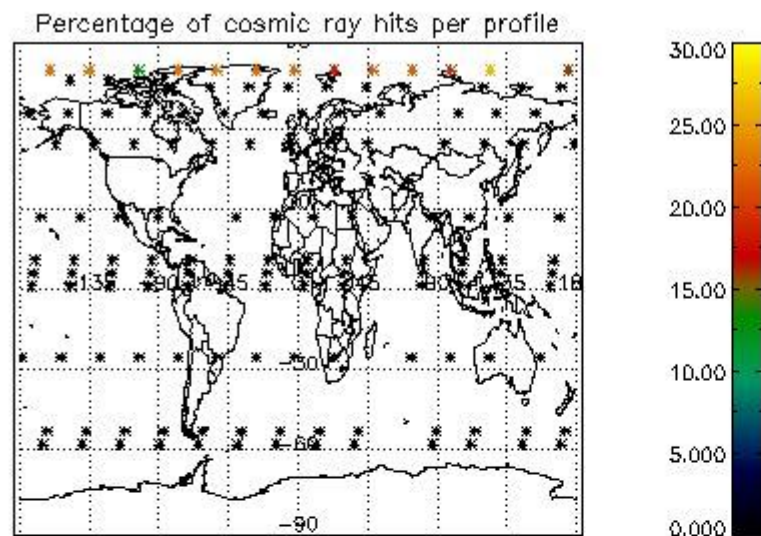


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

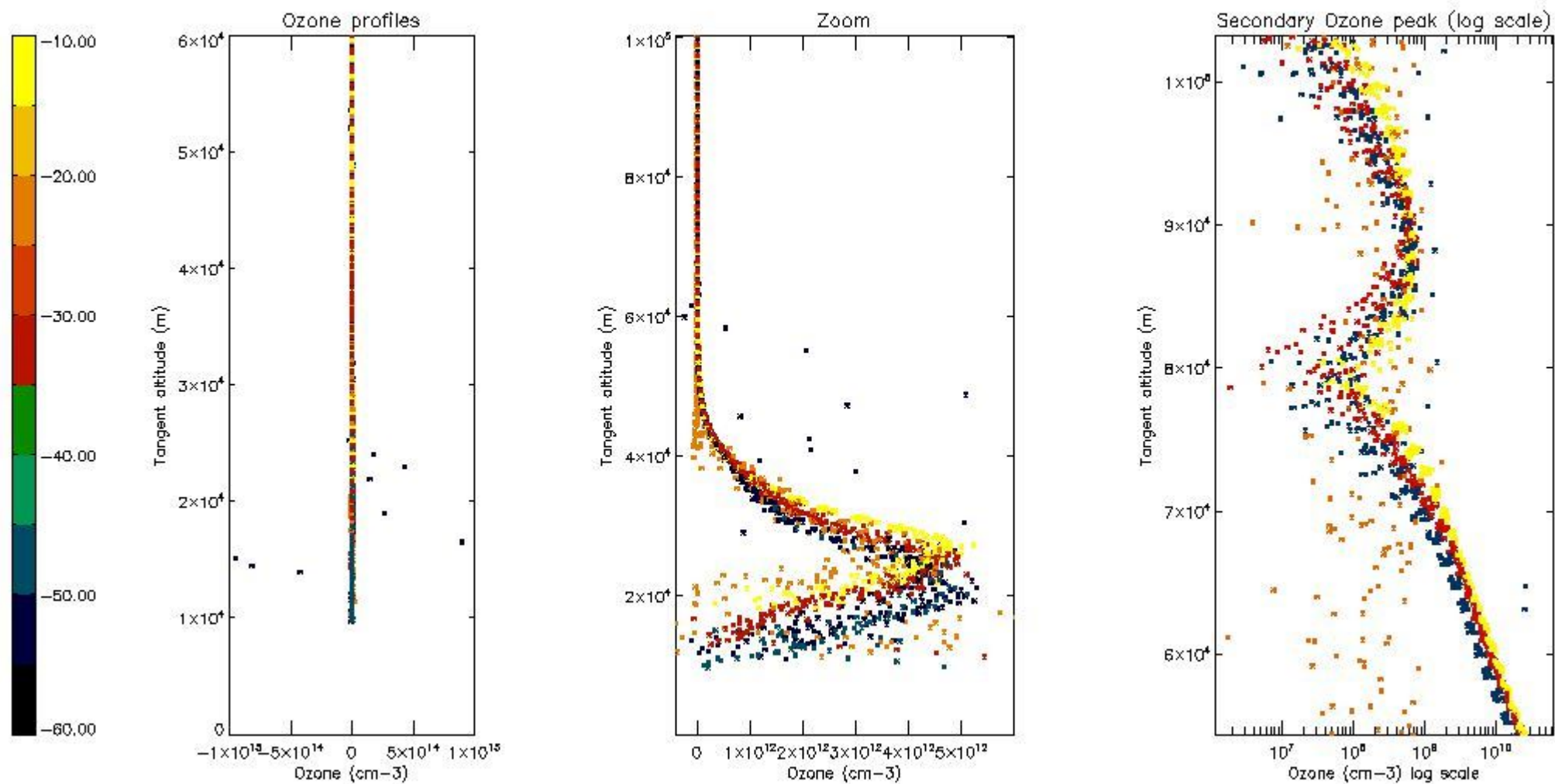
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	21
STD < 20	12

STD < 10	10
STD < 5	7

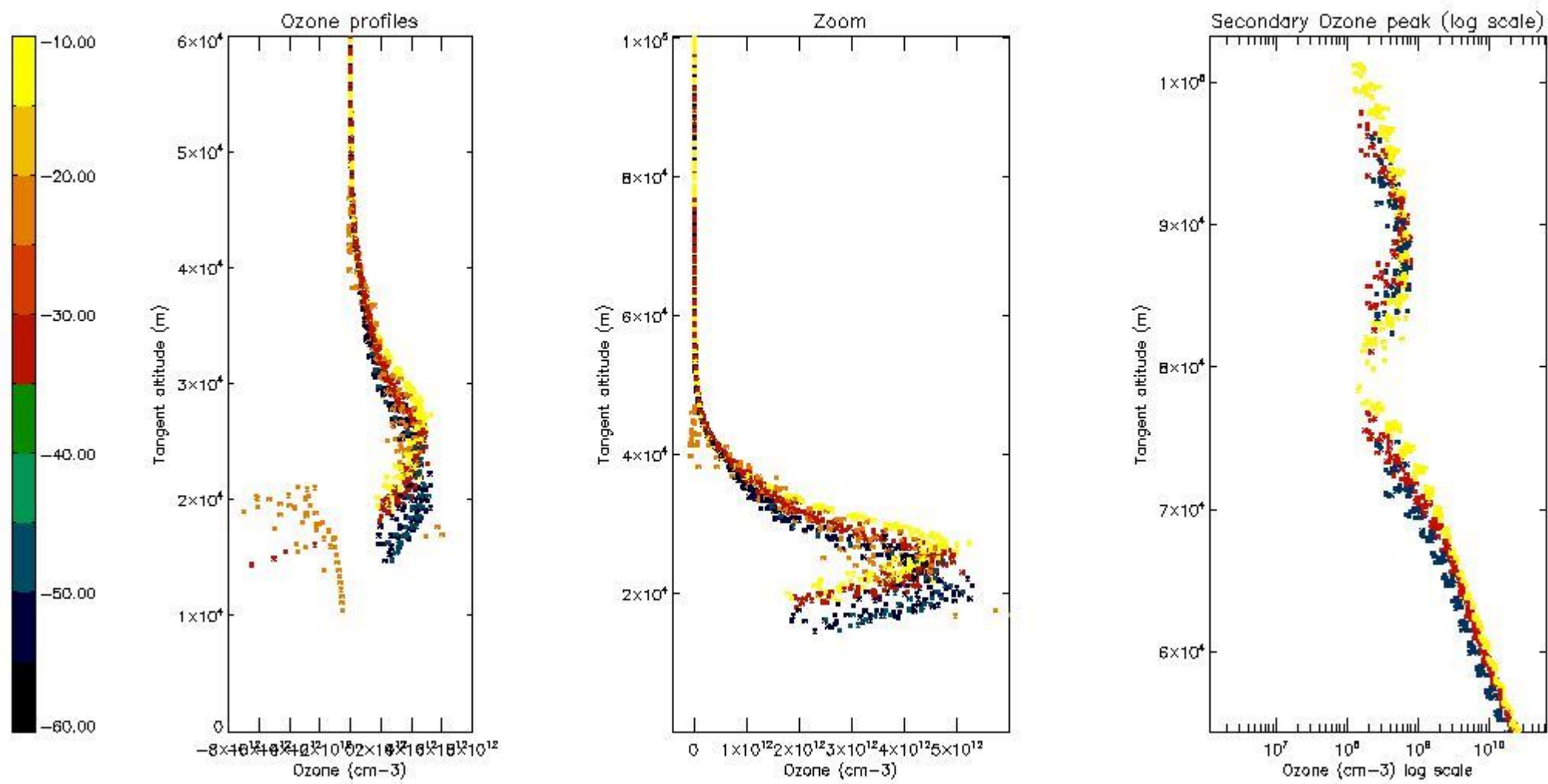
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



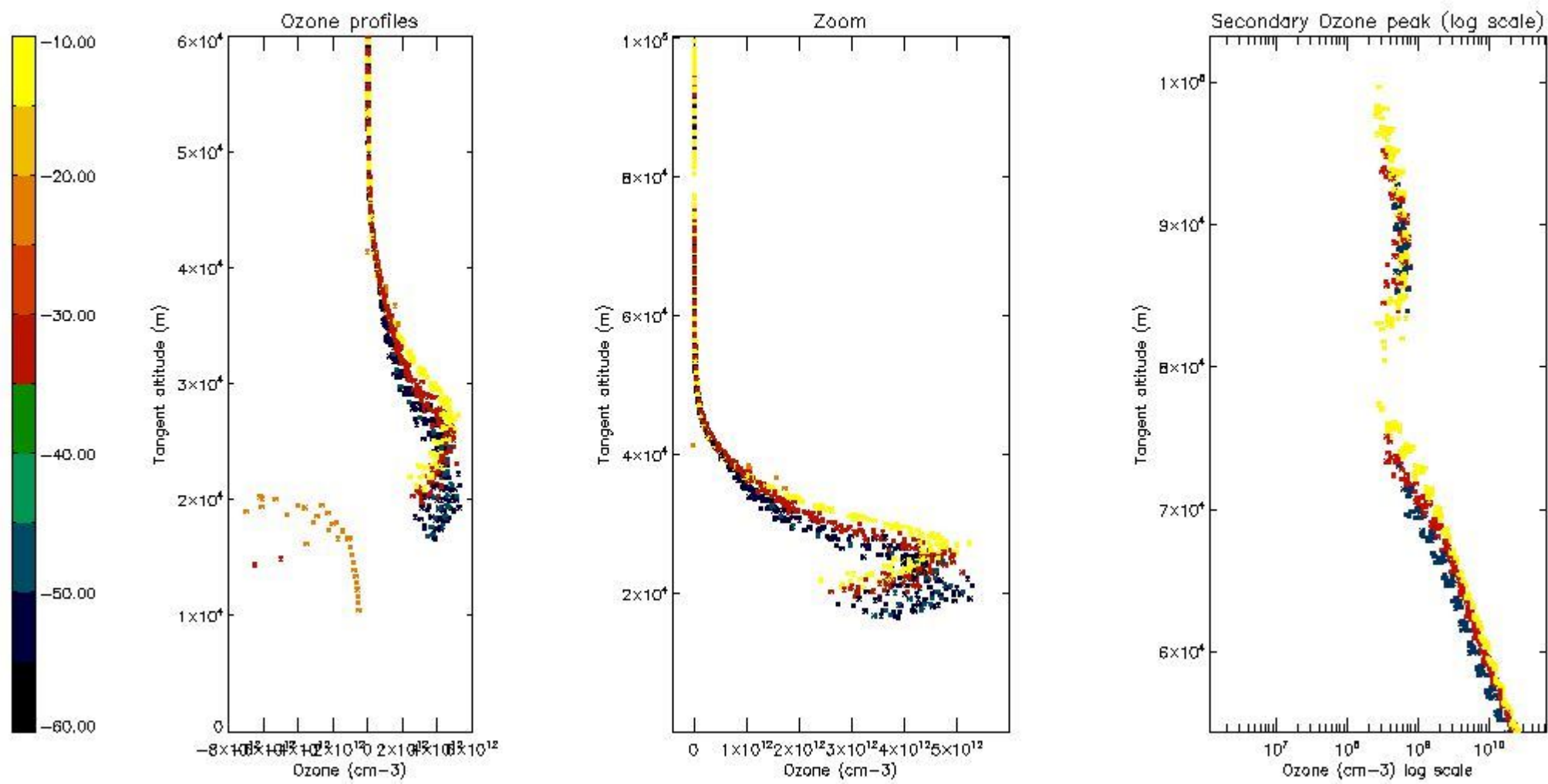
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



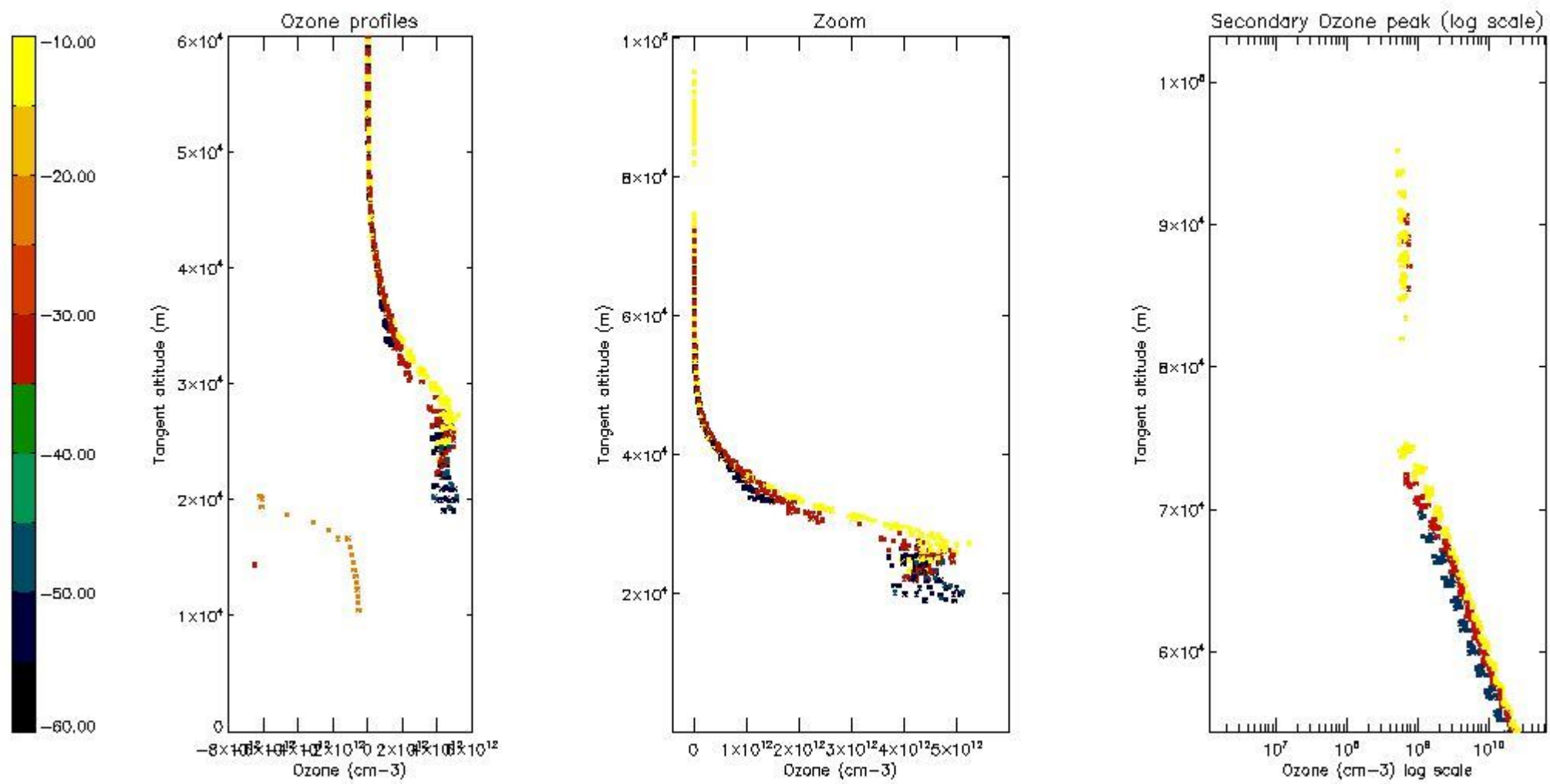
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



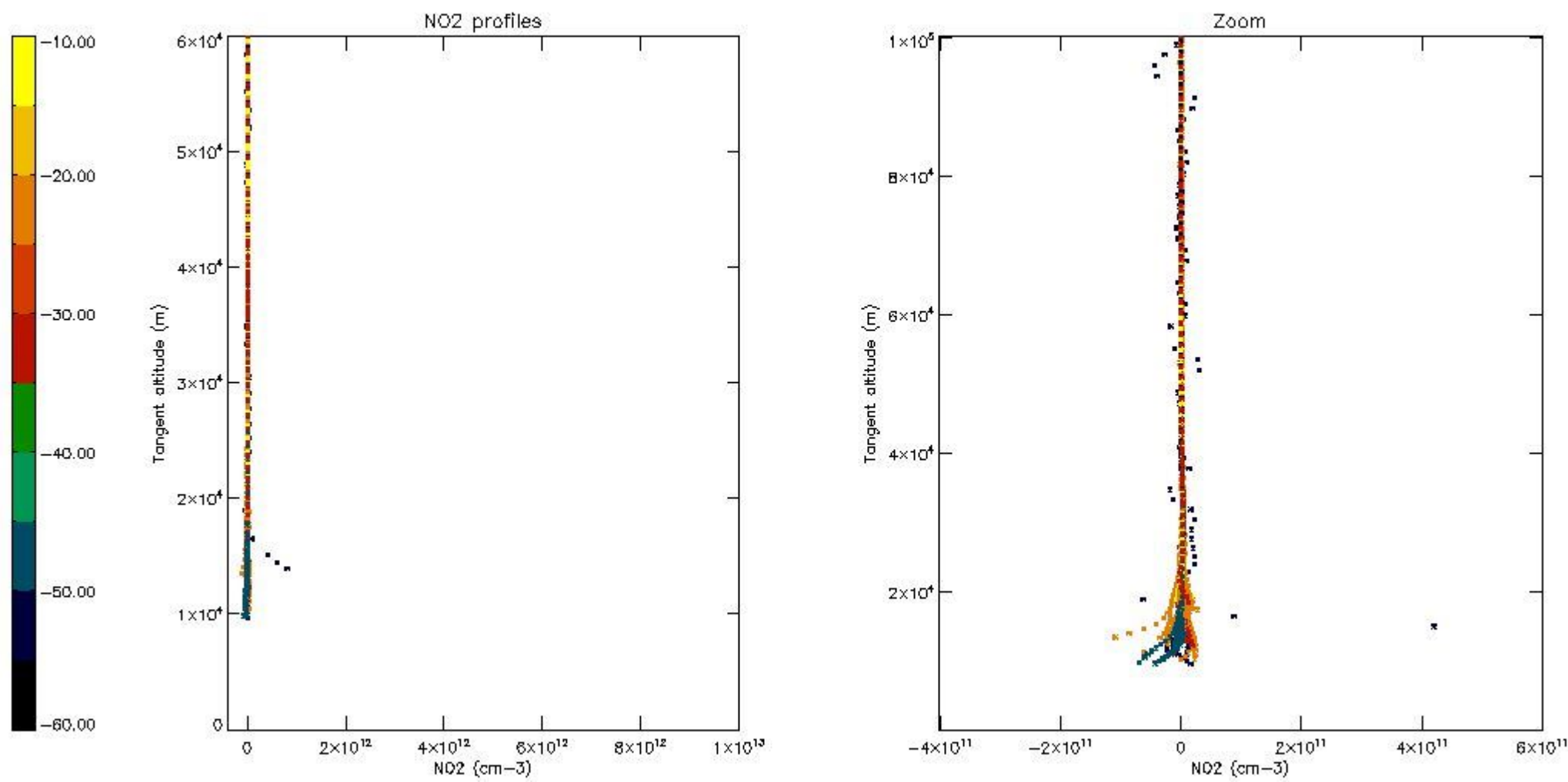
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



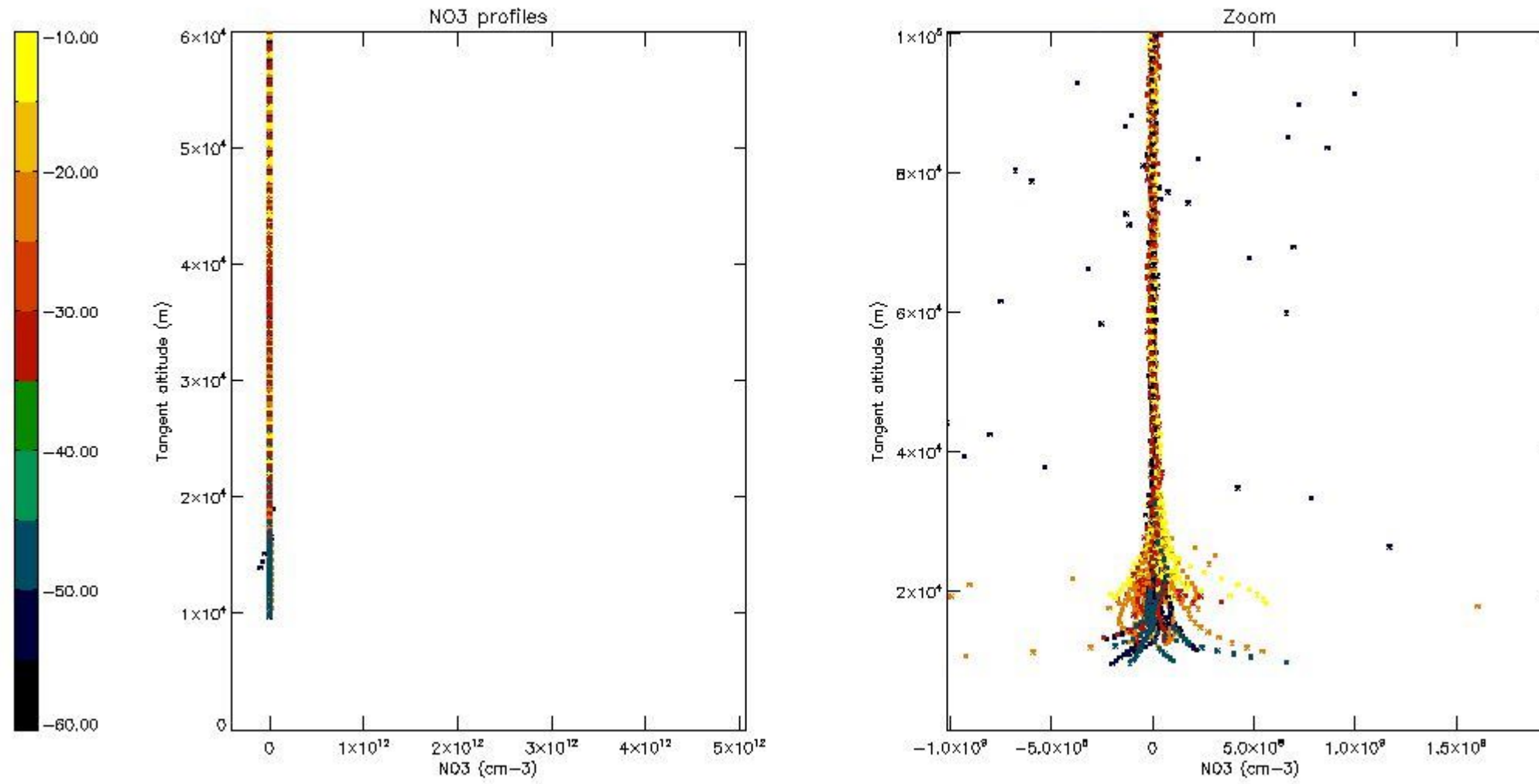
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

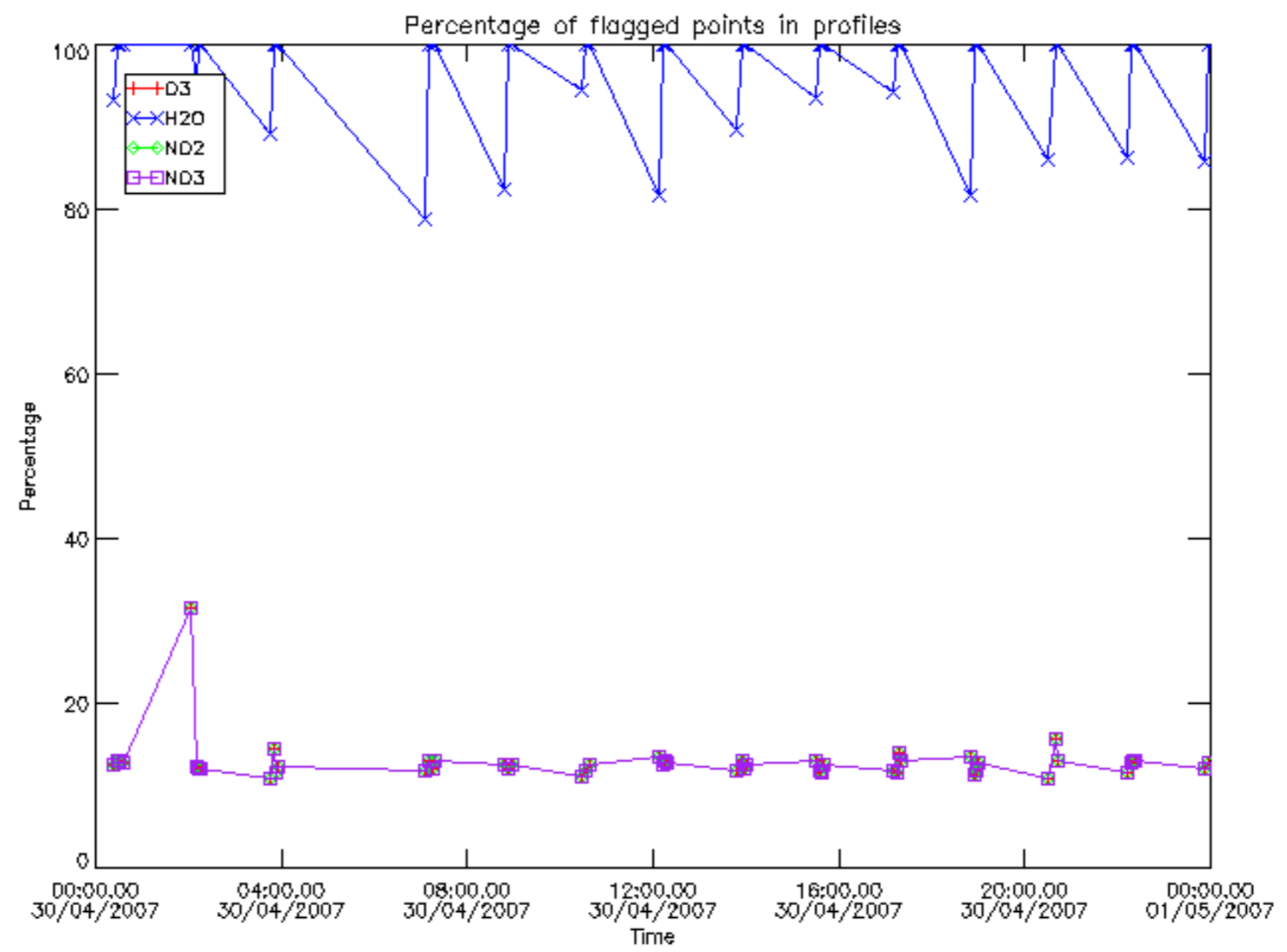
The colorbar represents the latitude.



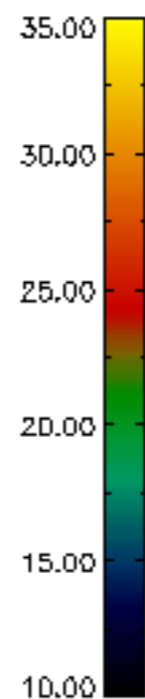
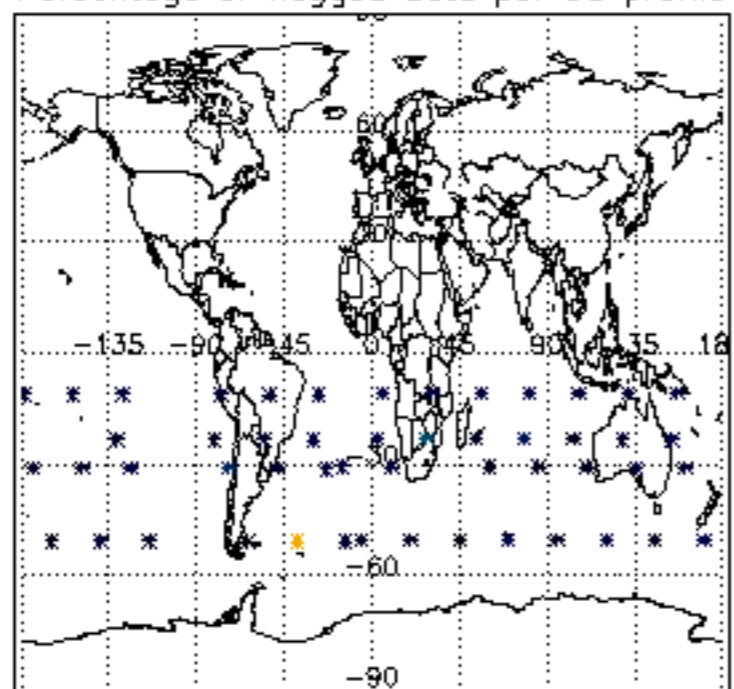
6. Auxiliary Data Files used for the production reported in section 2

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.

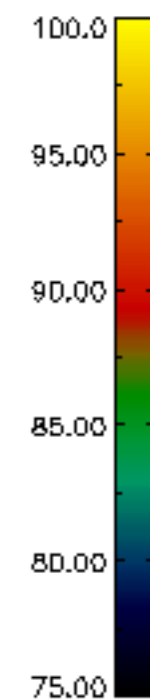
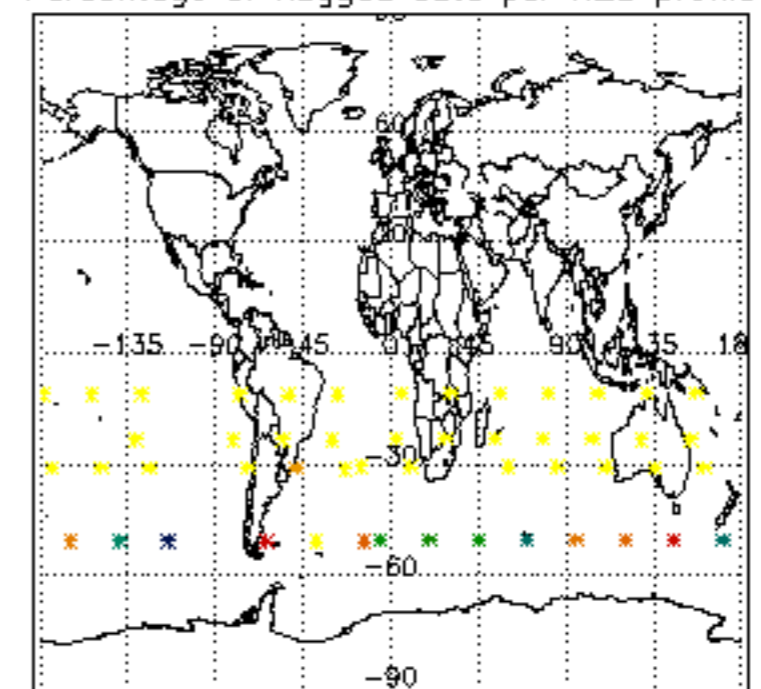
Type	Auxiliary Filename	Used since product	Used since product date
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LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	30-APR-2007 00:23:31
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	30-APR-2007 00:23:31



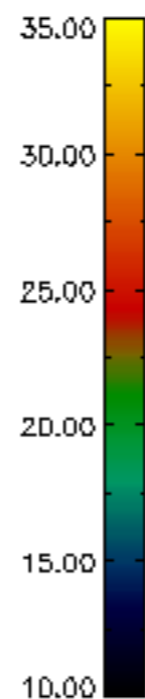
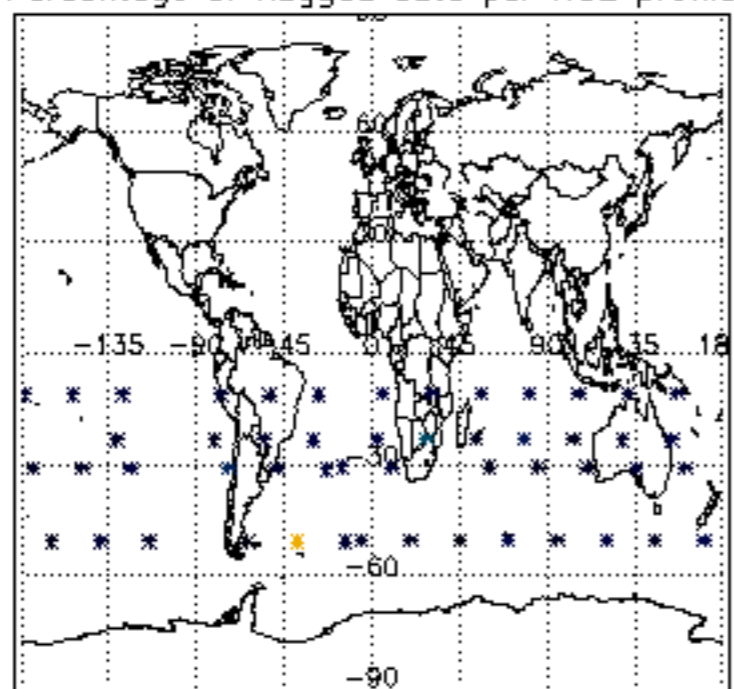
Percentage of flagged data per D3 profile



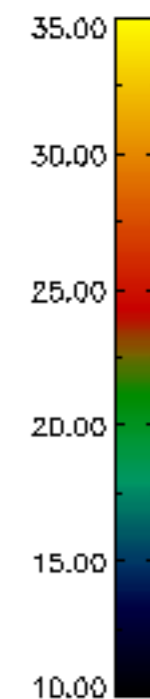
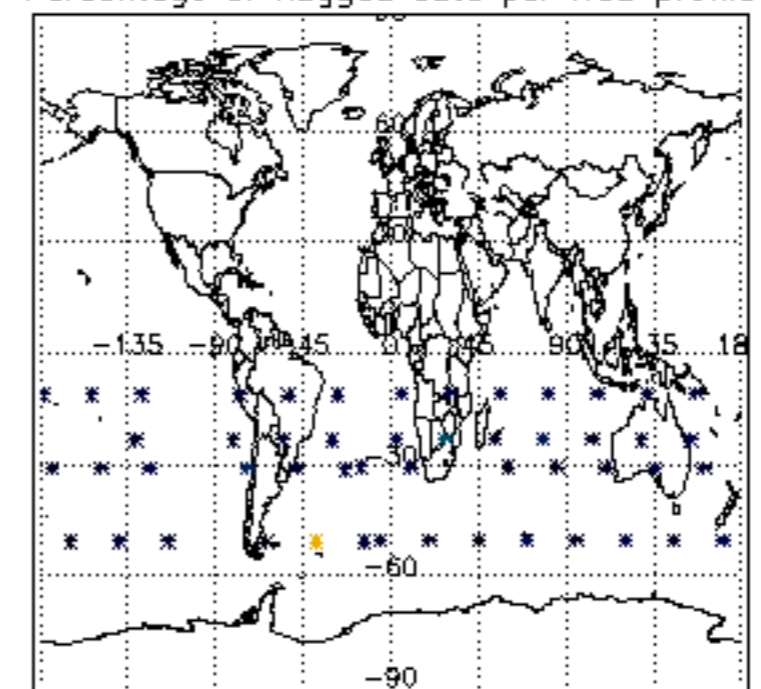
Percentage of flagged data per H2O profile

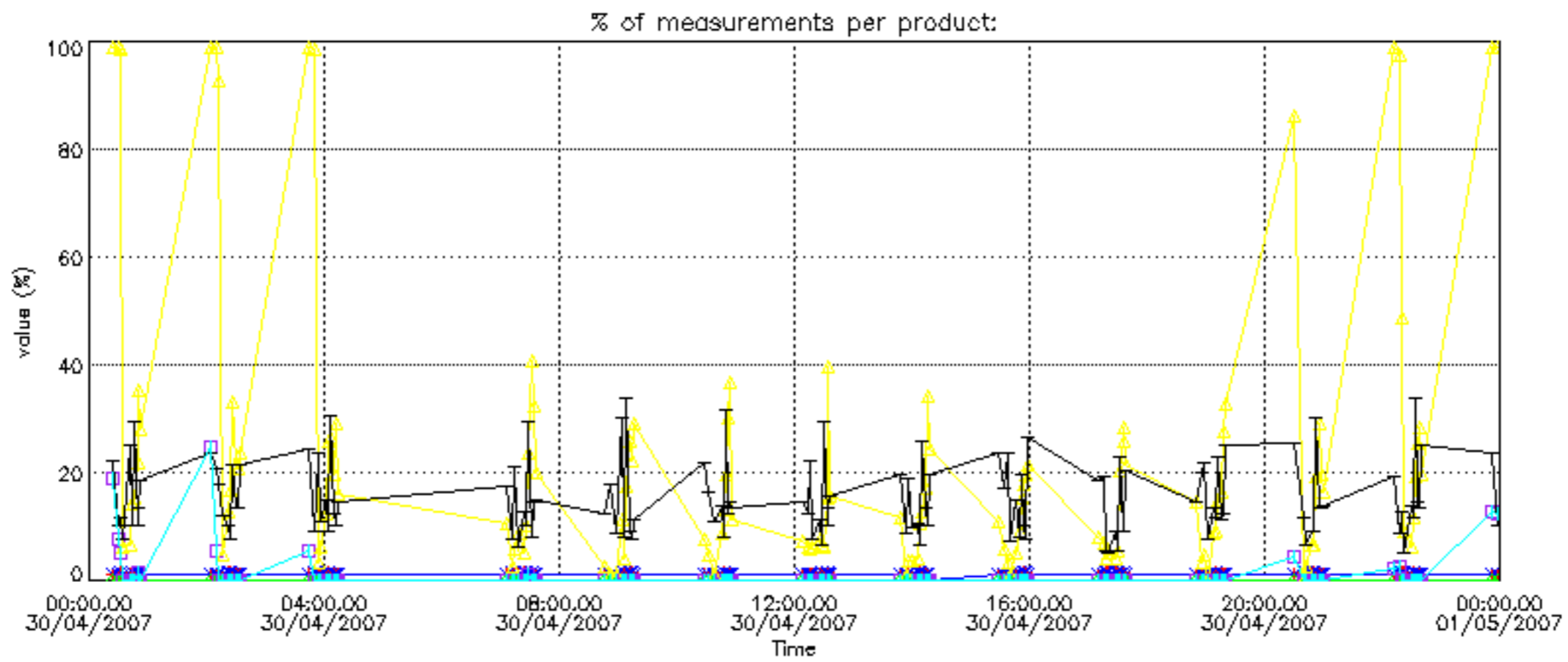
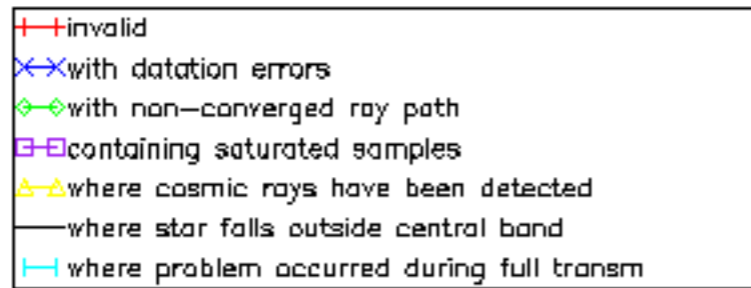


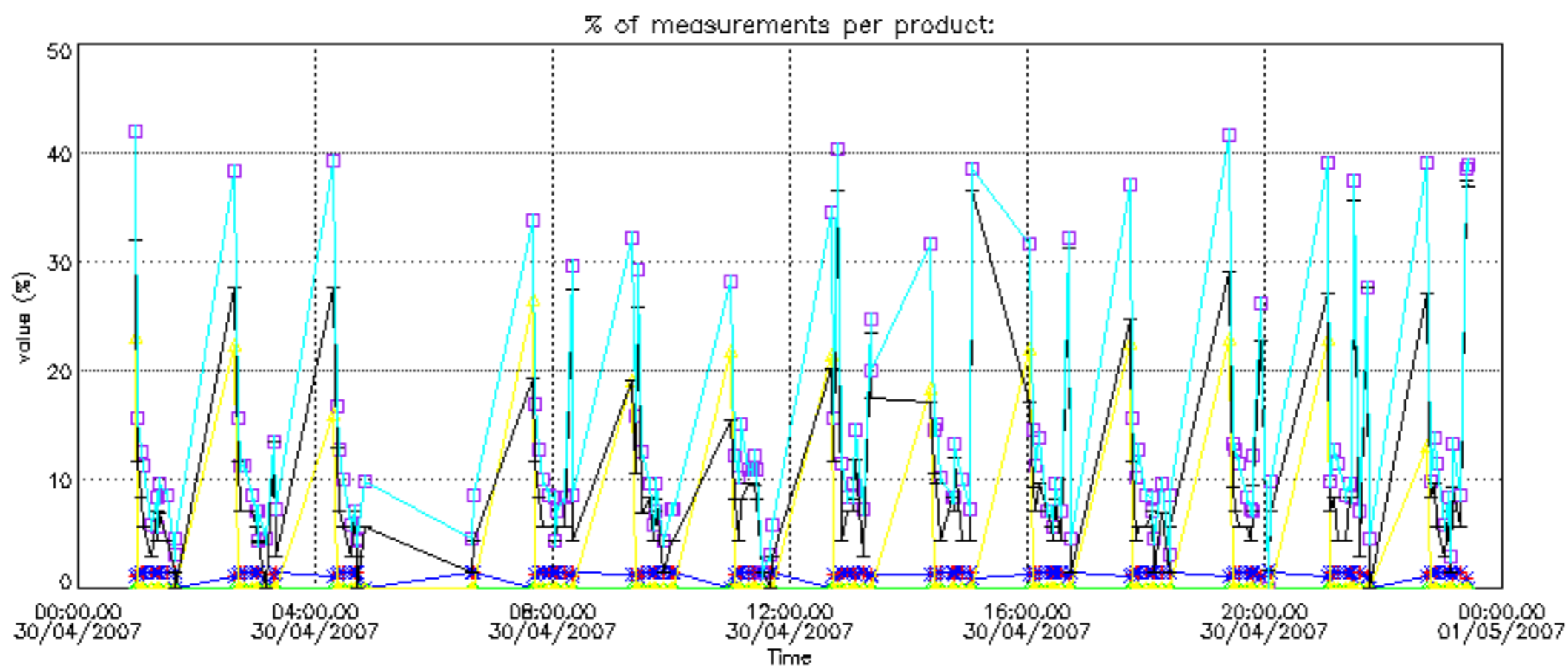
Percentage of flagged data per NO2 profile



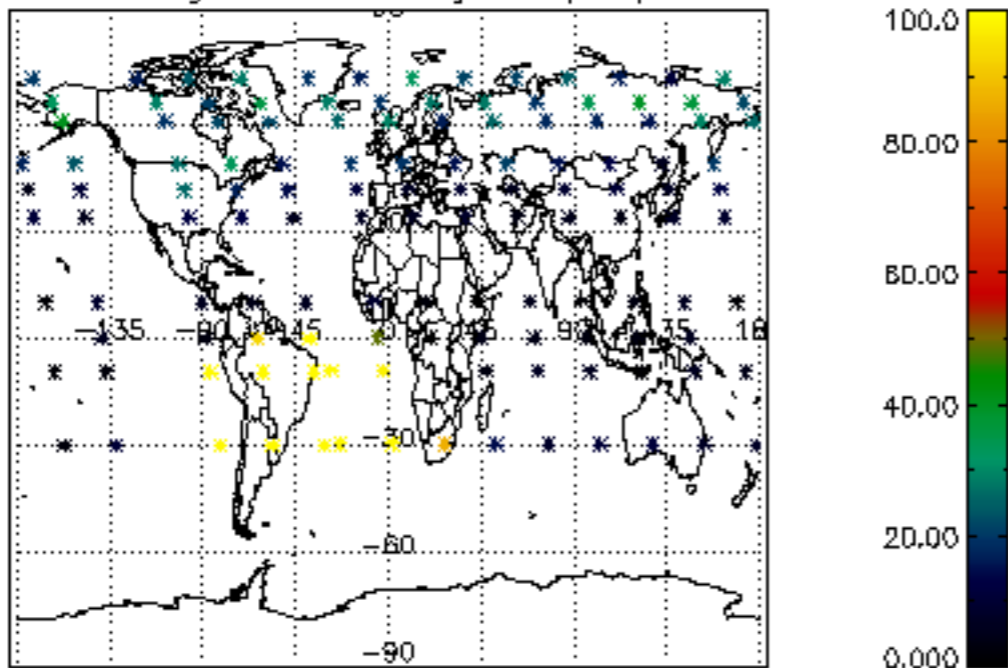
Percentage of flagged data per NO3 profile



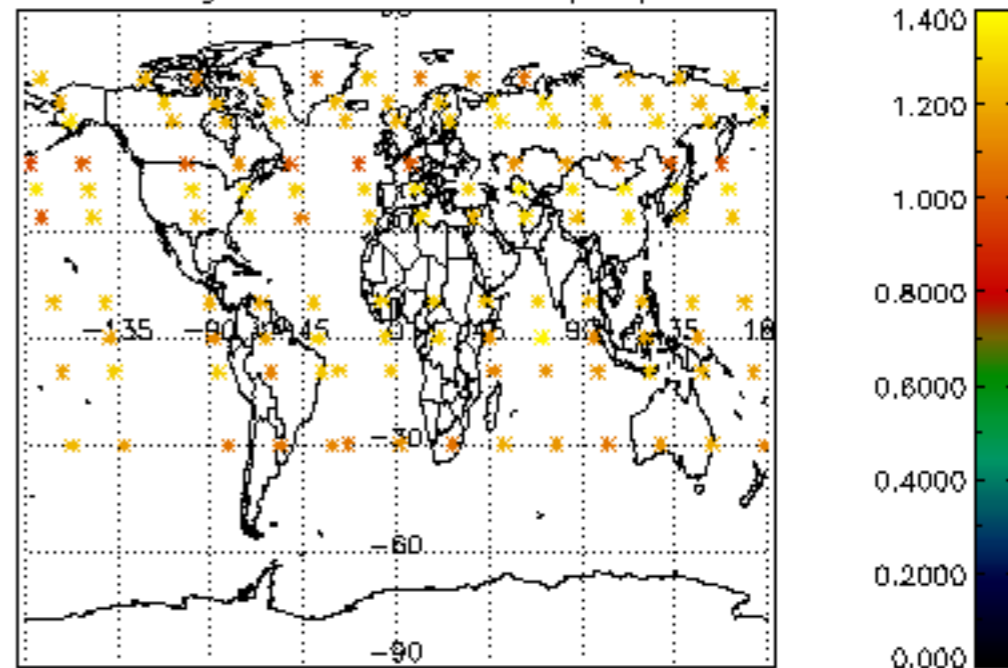




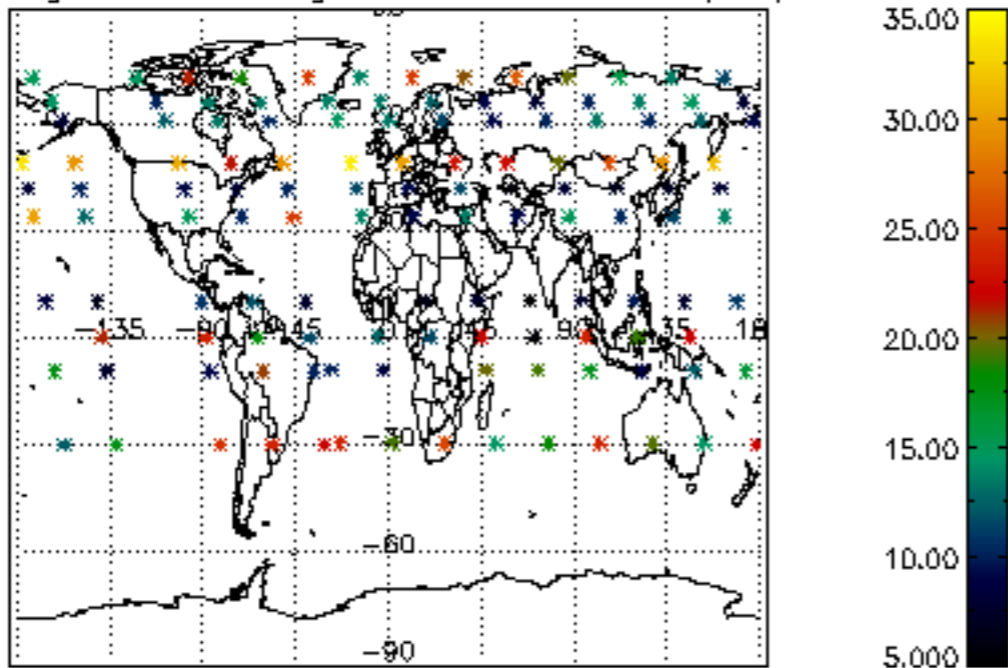
Percentage of cosmic ray hits per profile



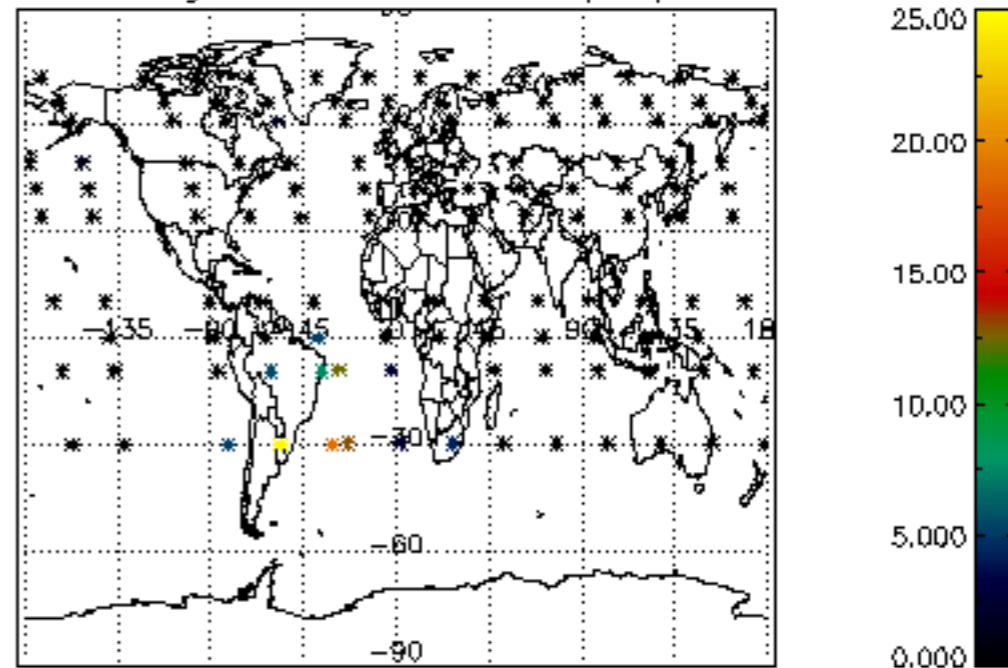
Percentage of datation errors per profile



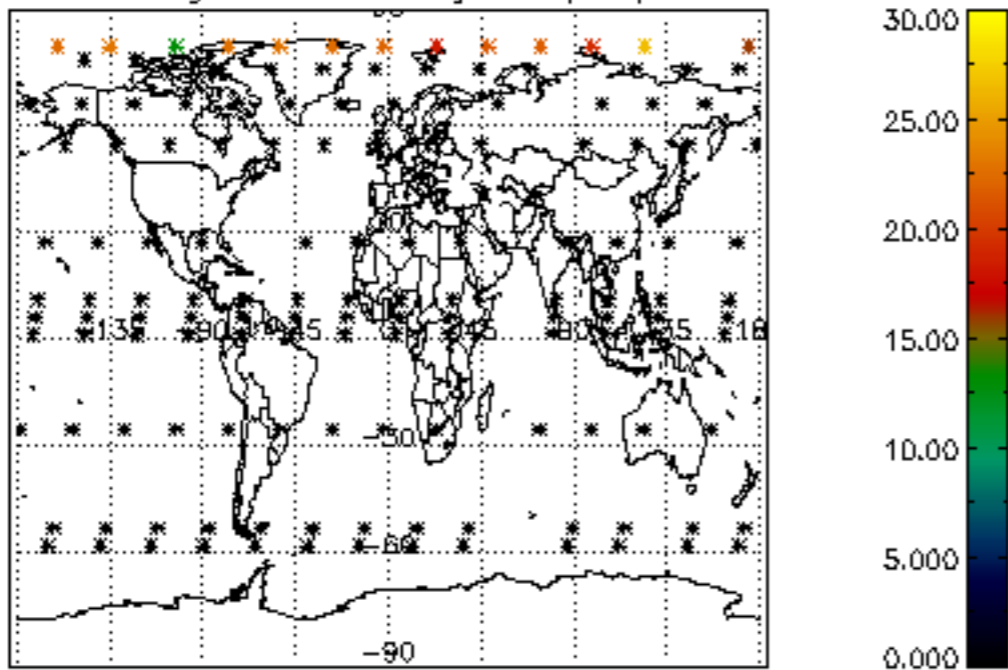
Percentage of star falling outside central band per profile



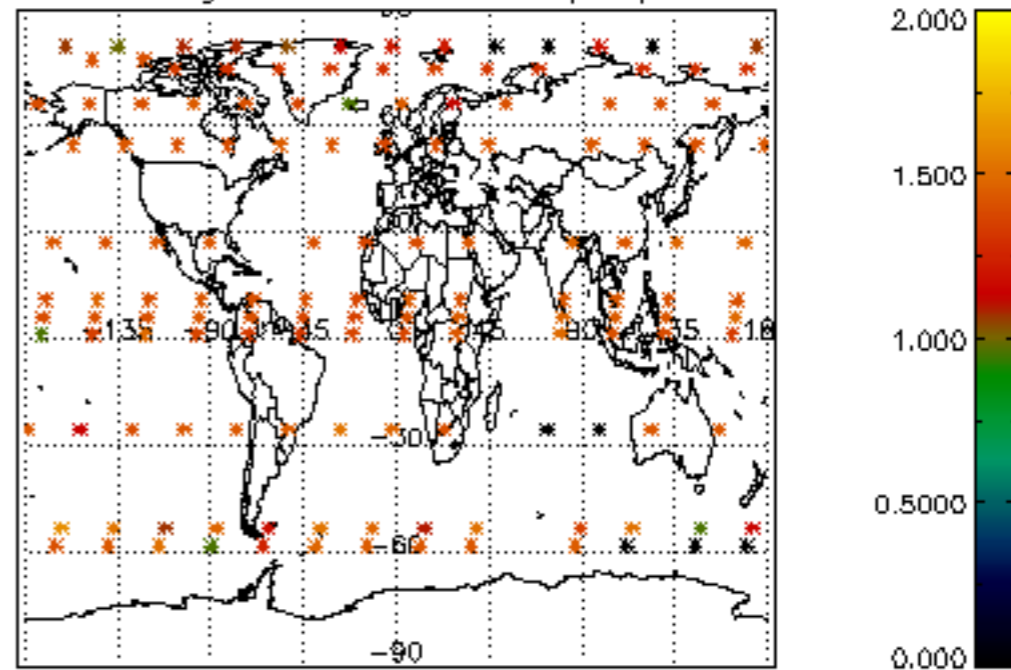
Percentage of saturation errors per profile



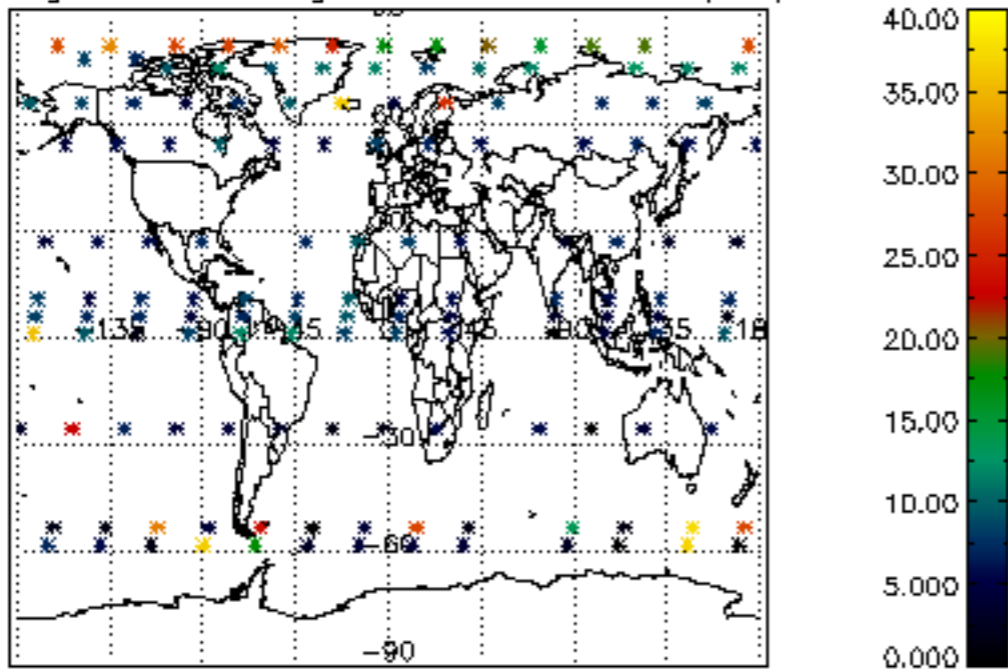
Percentage of cosmic ray hits per profile



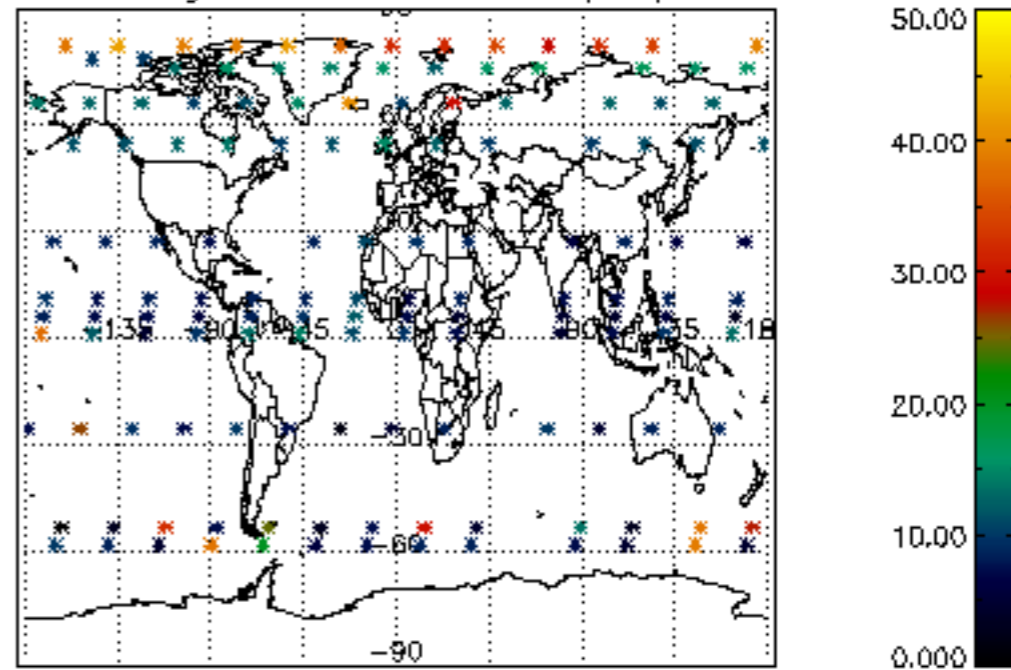
Percentage of datation errors per profile

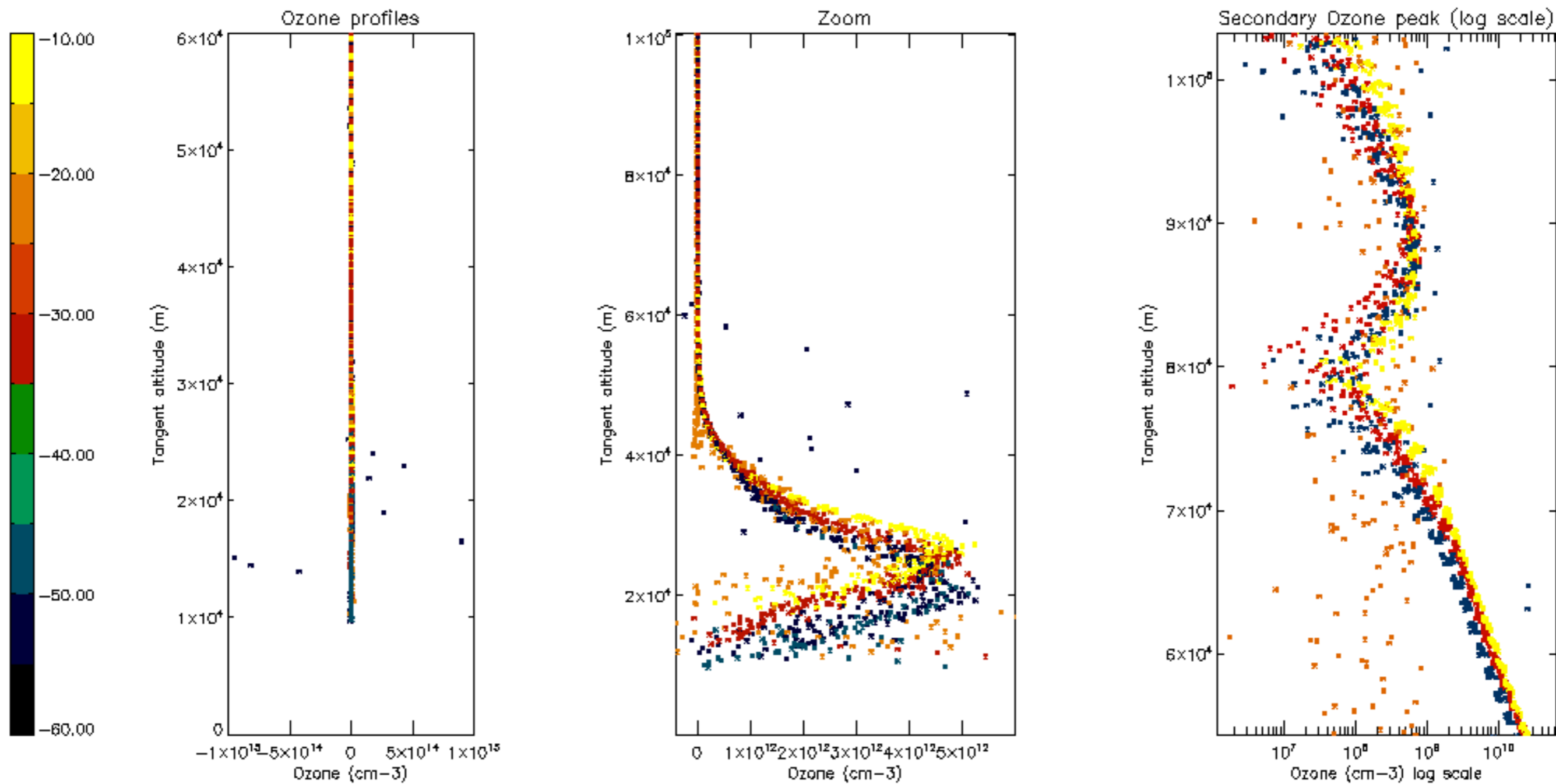


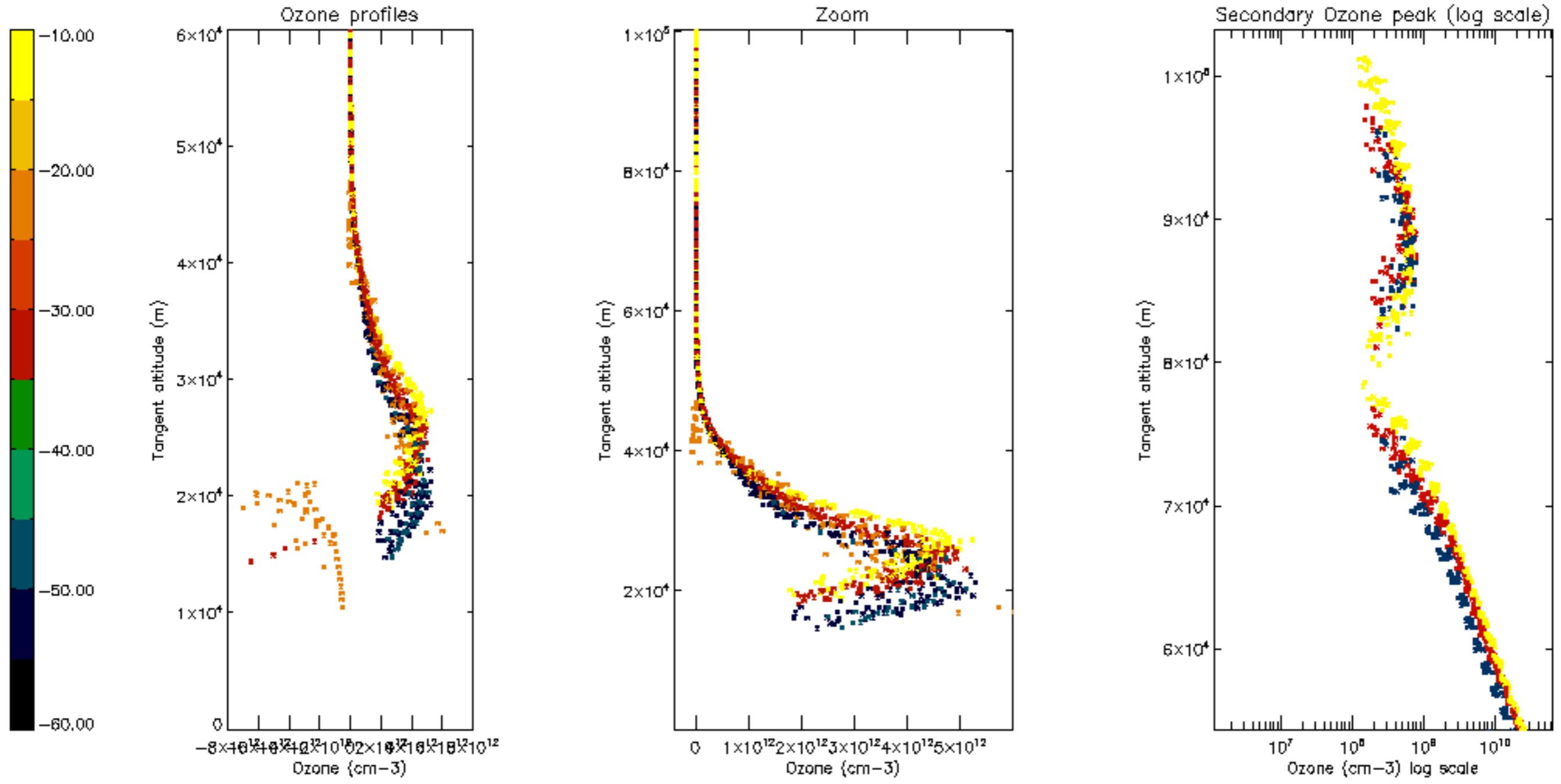
Percentage of star falling outside central band per profile

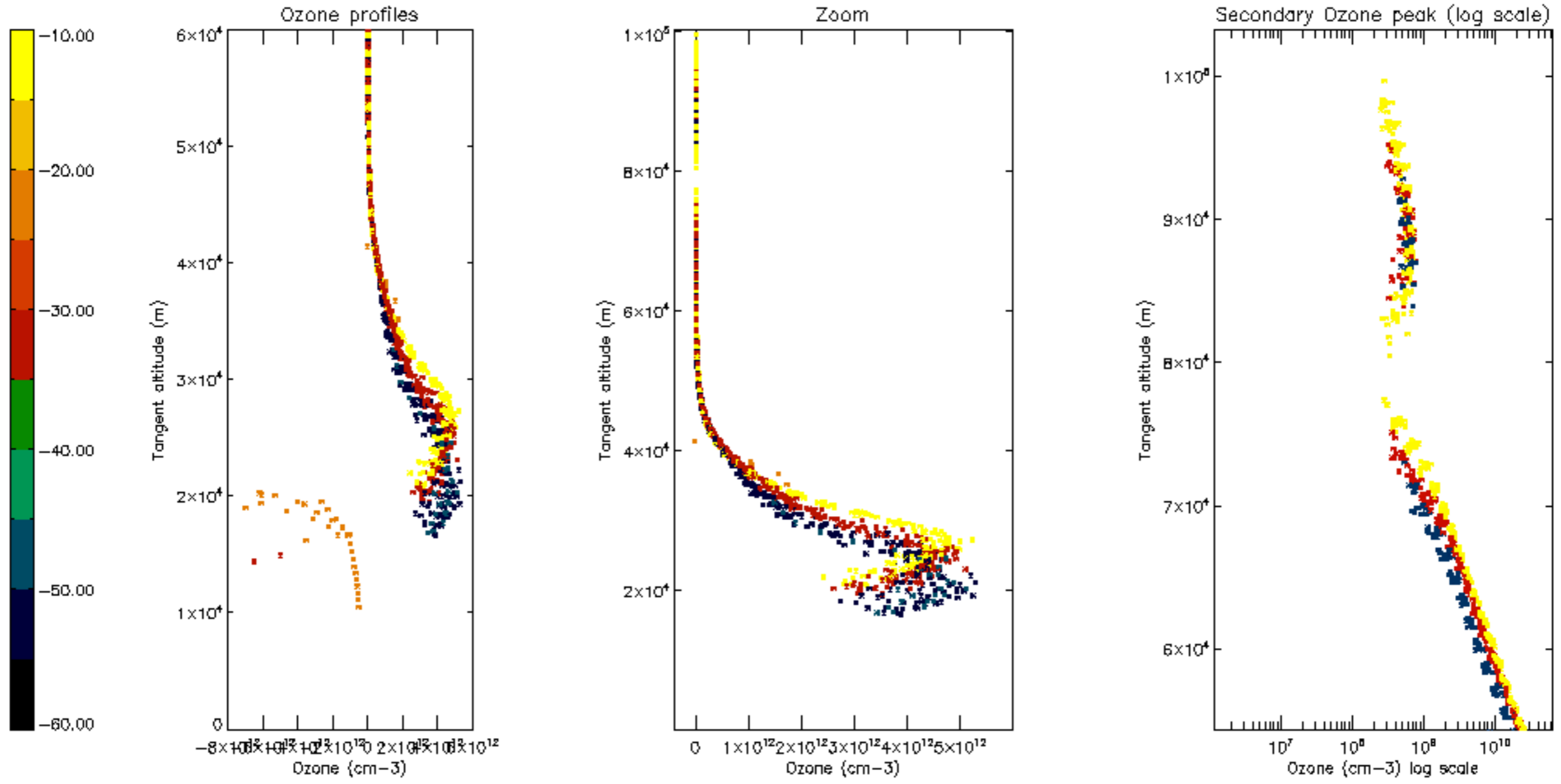


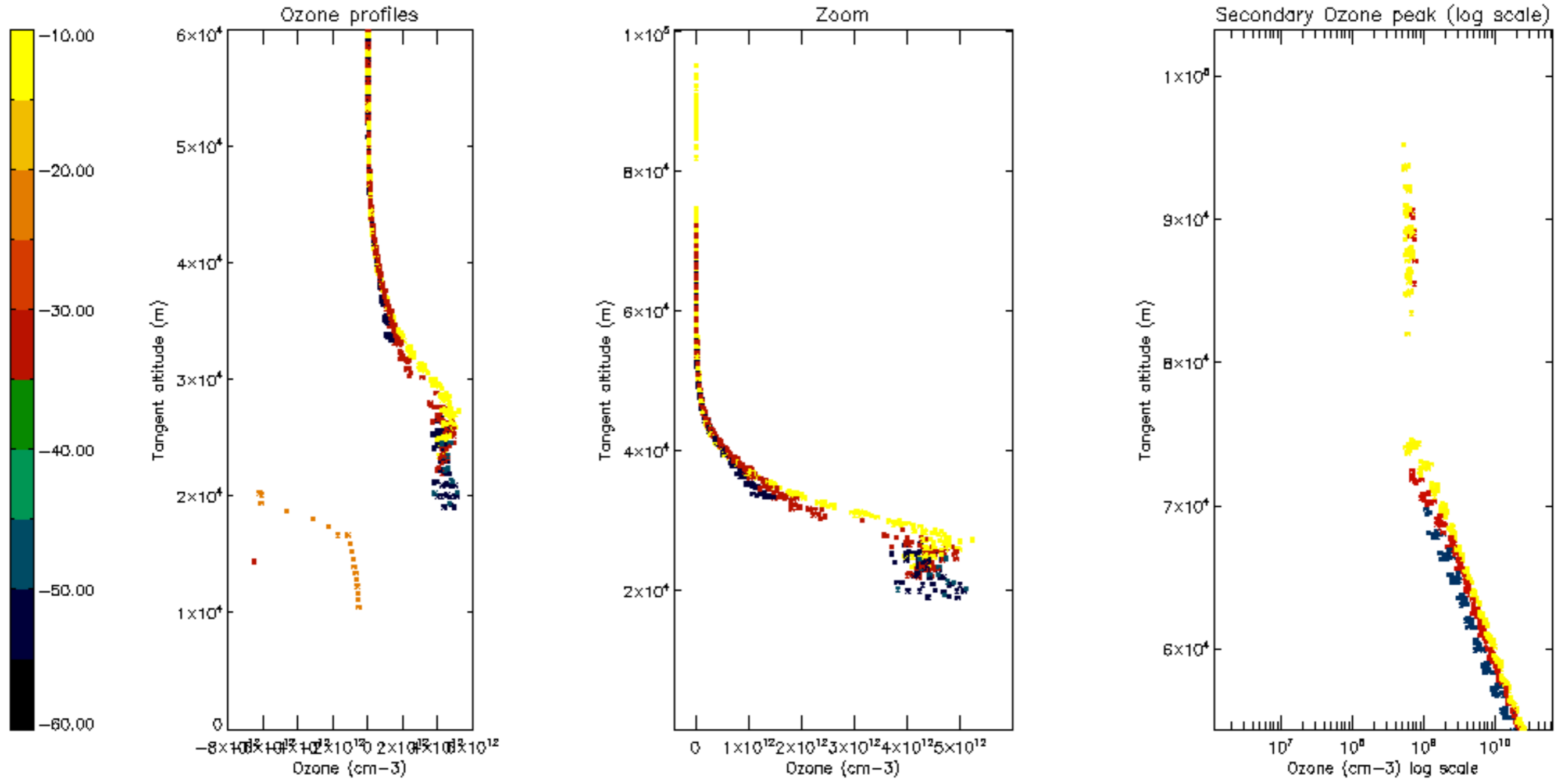
Percentage of saturation errors per profile

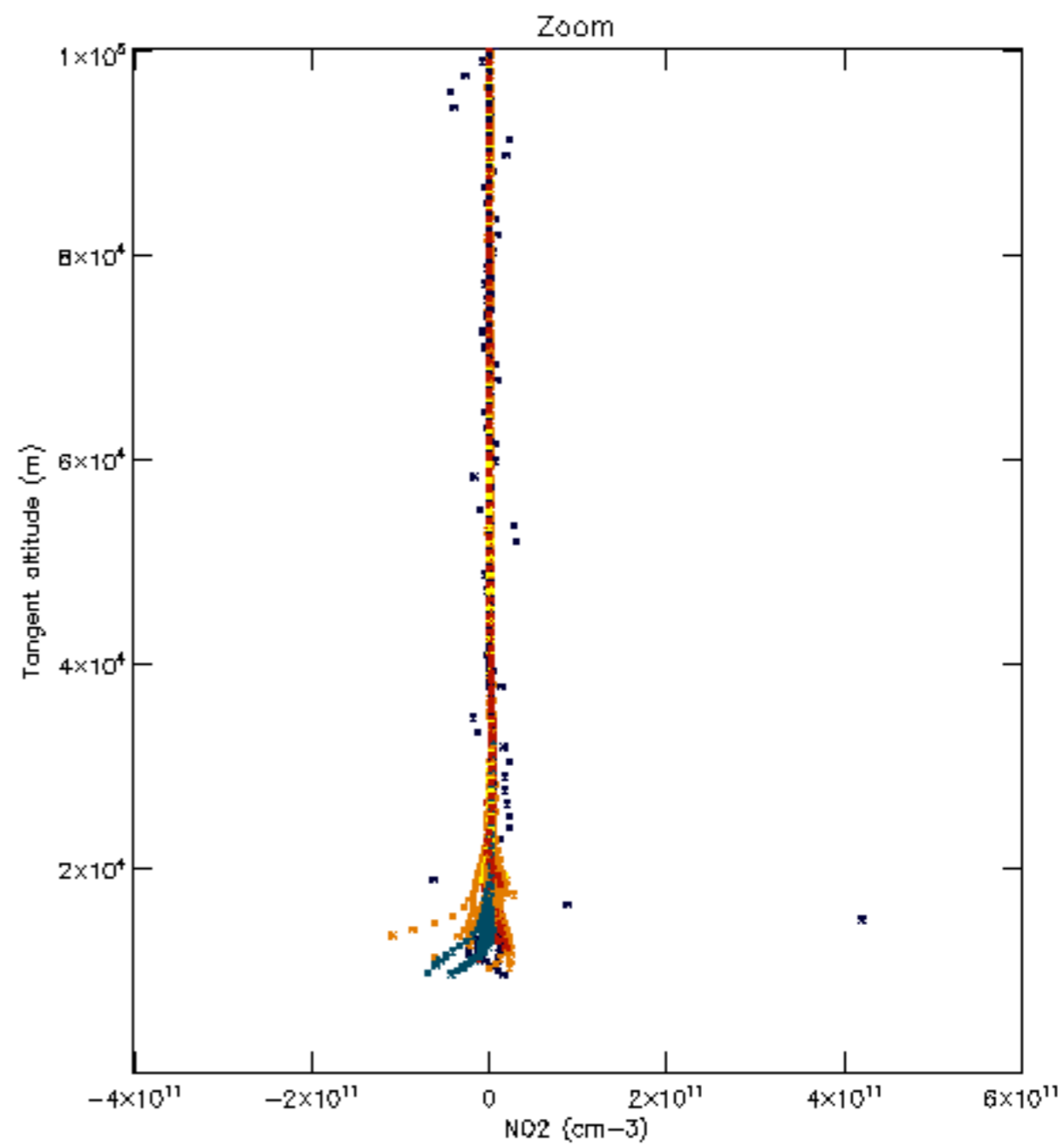
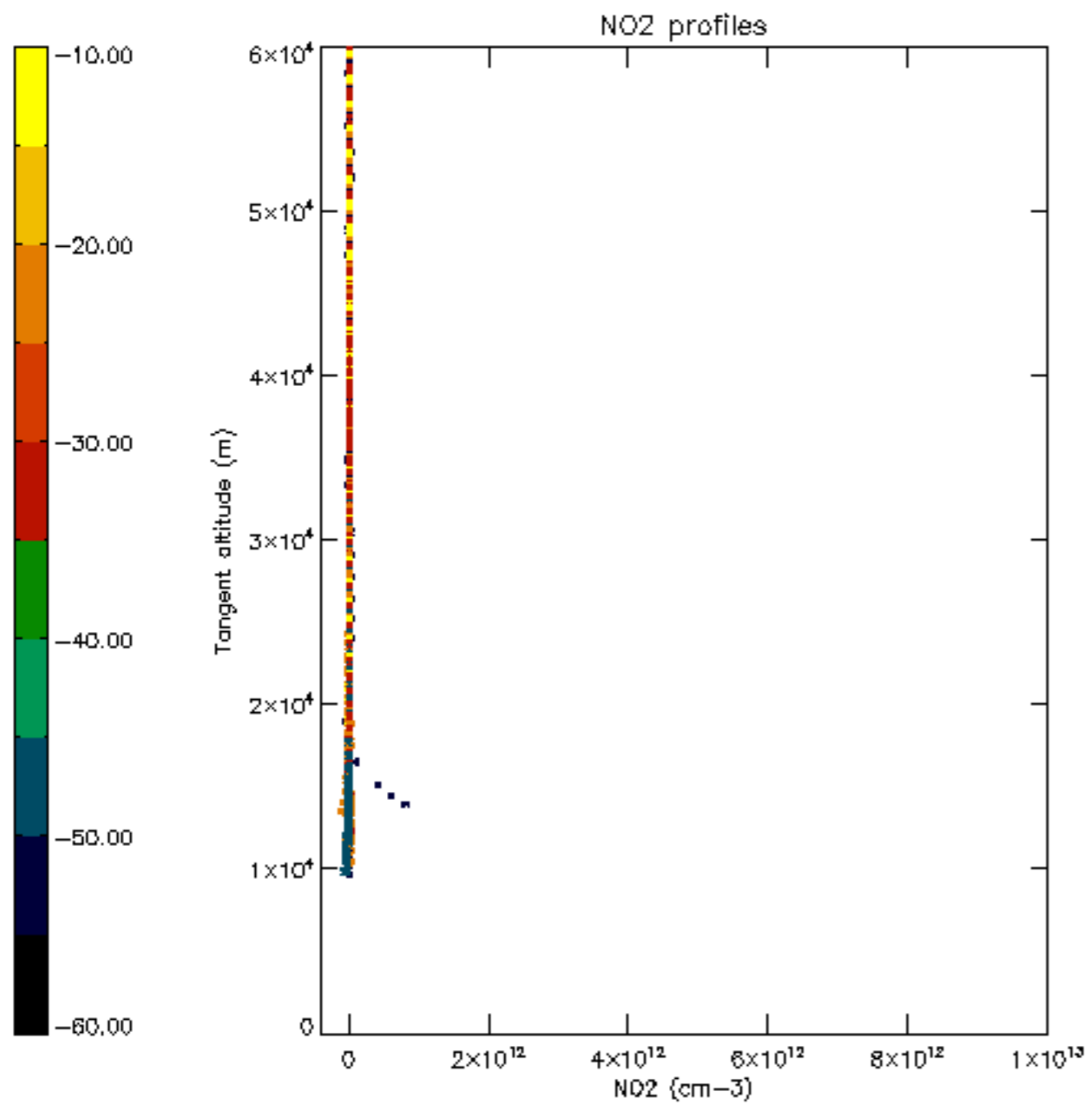


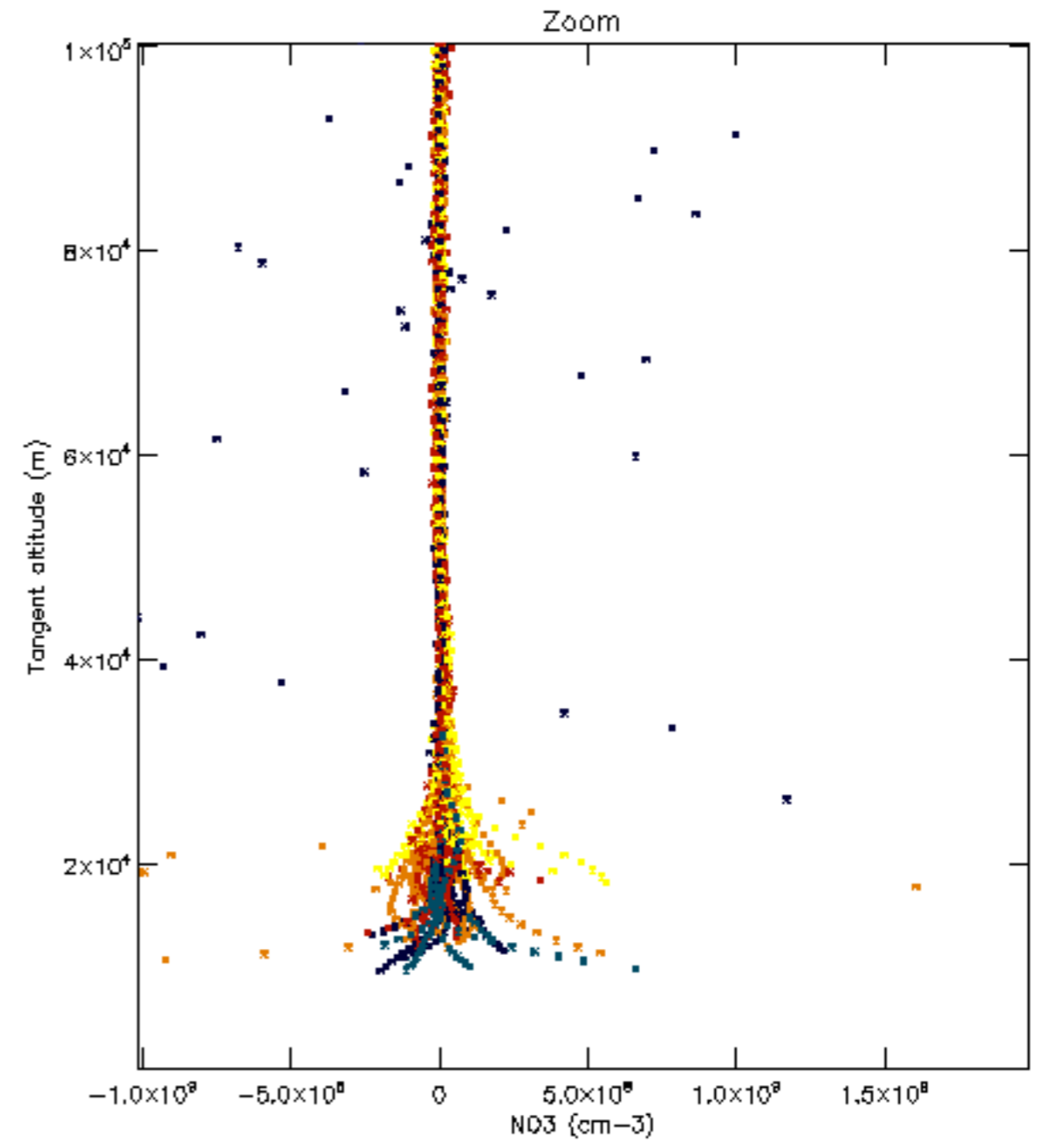
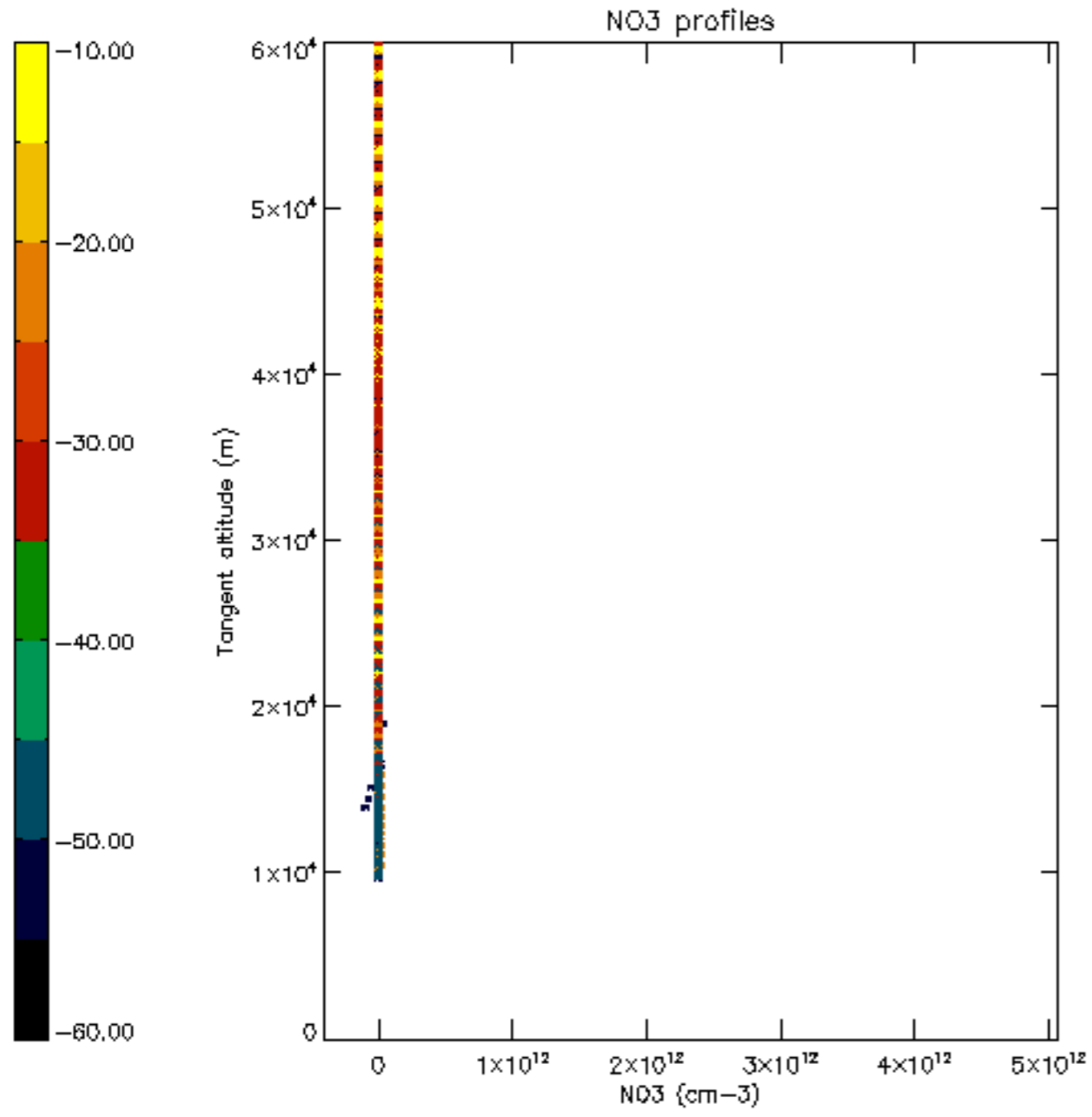


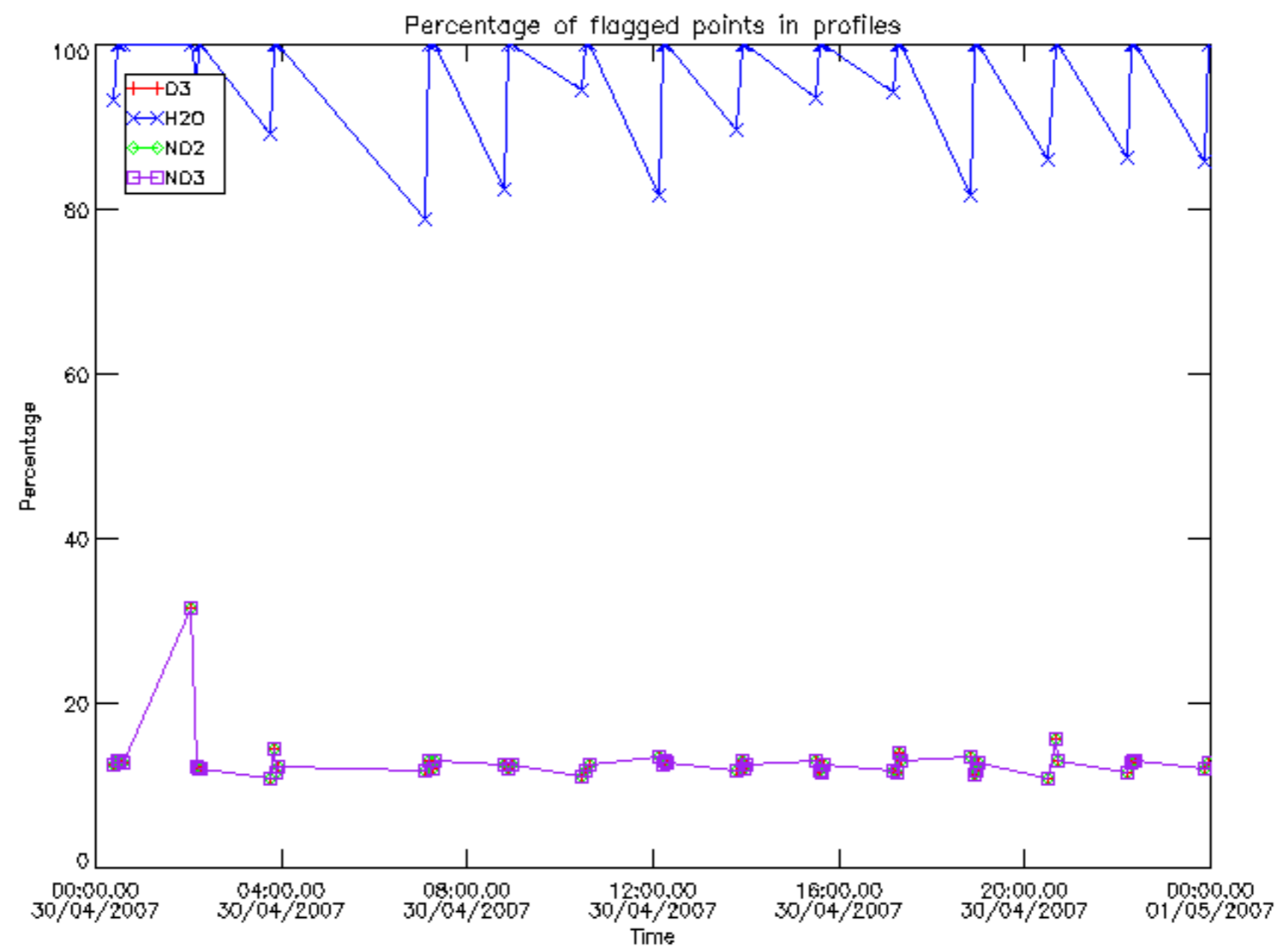




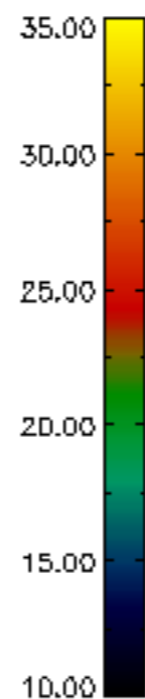
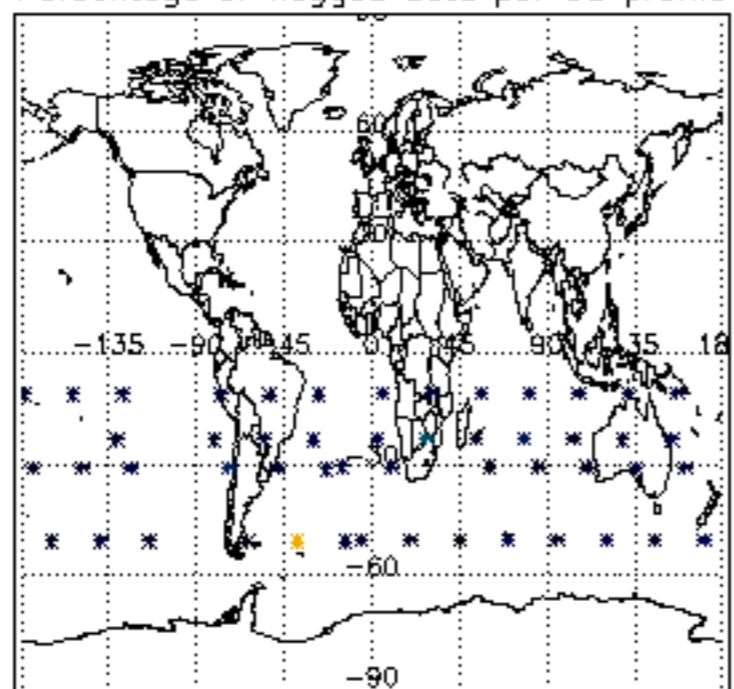




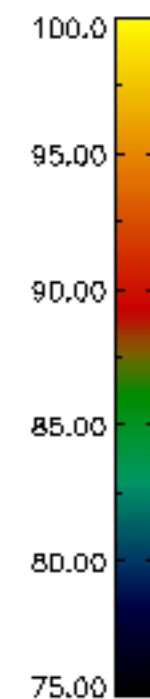
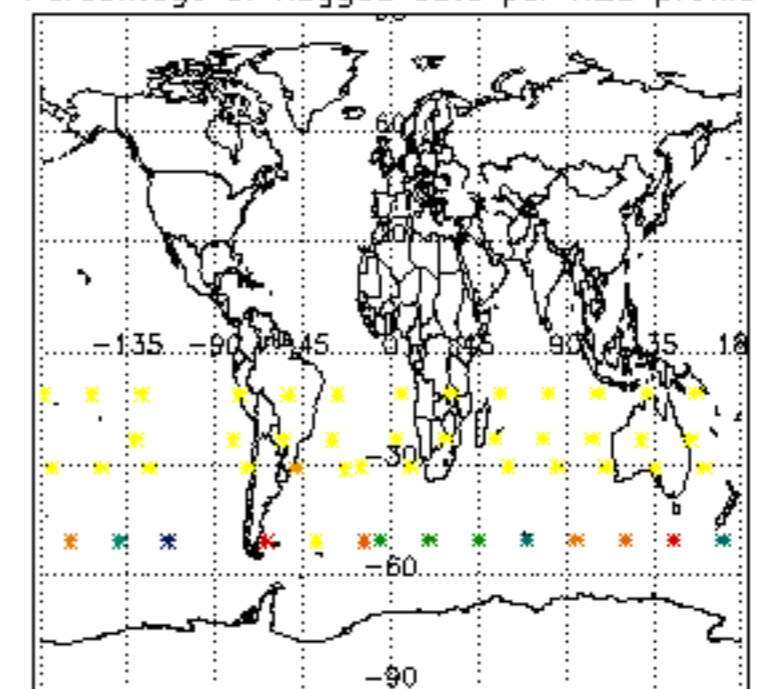




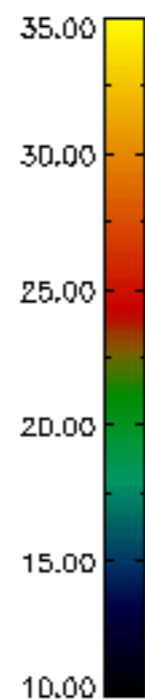
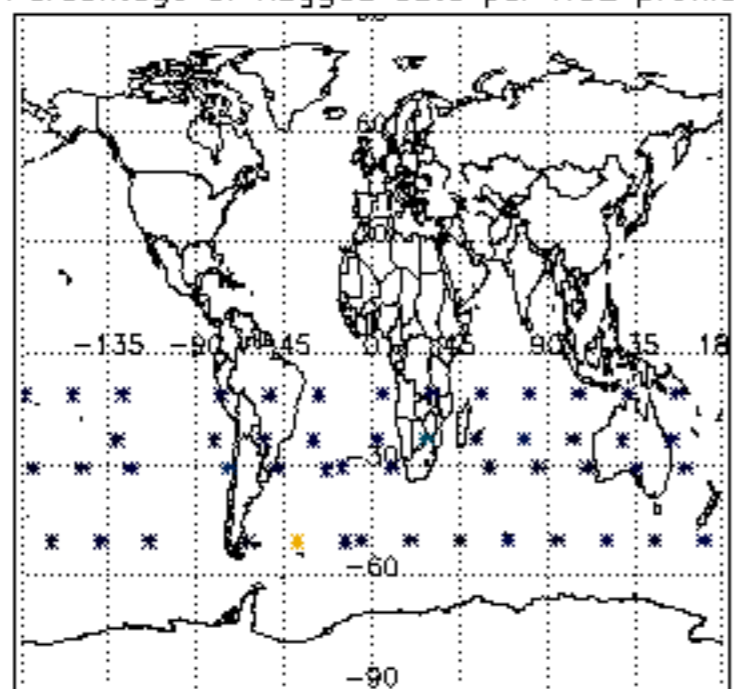
Percentage of flagged data per D3 profile



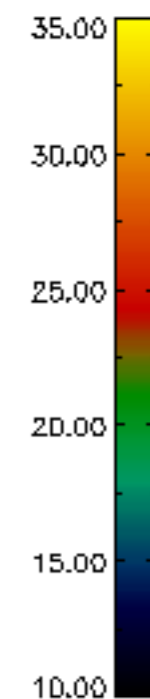
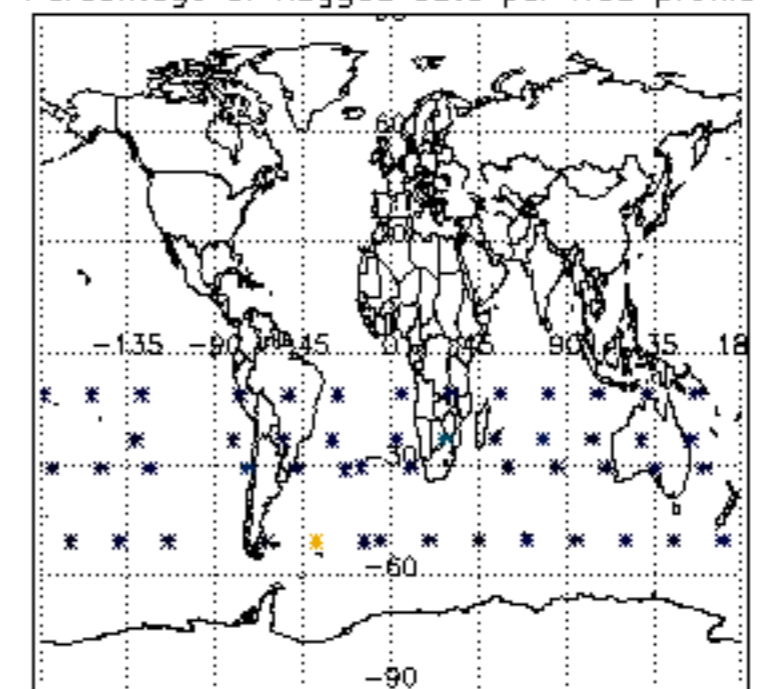
Percentage of flagged data per H2O profile

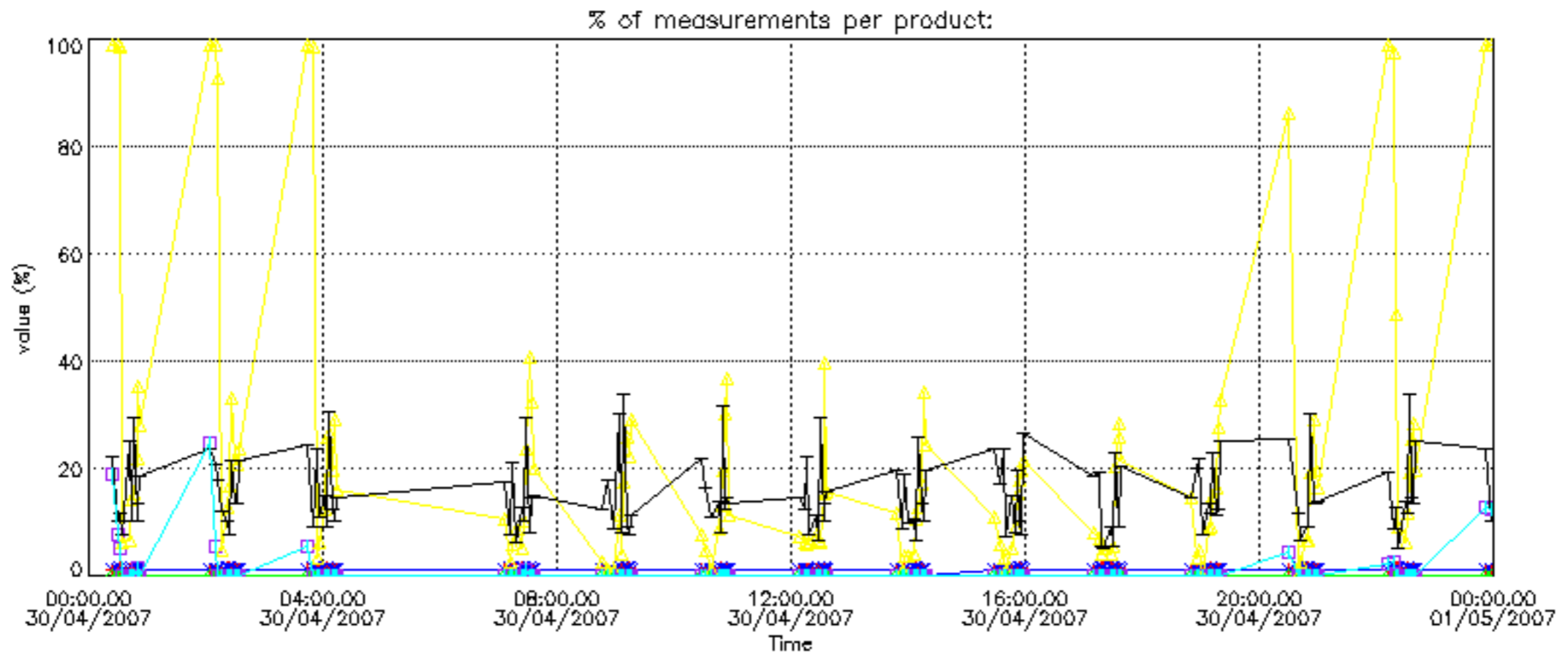


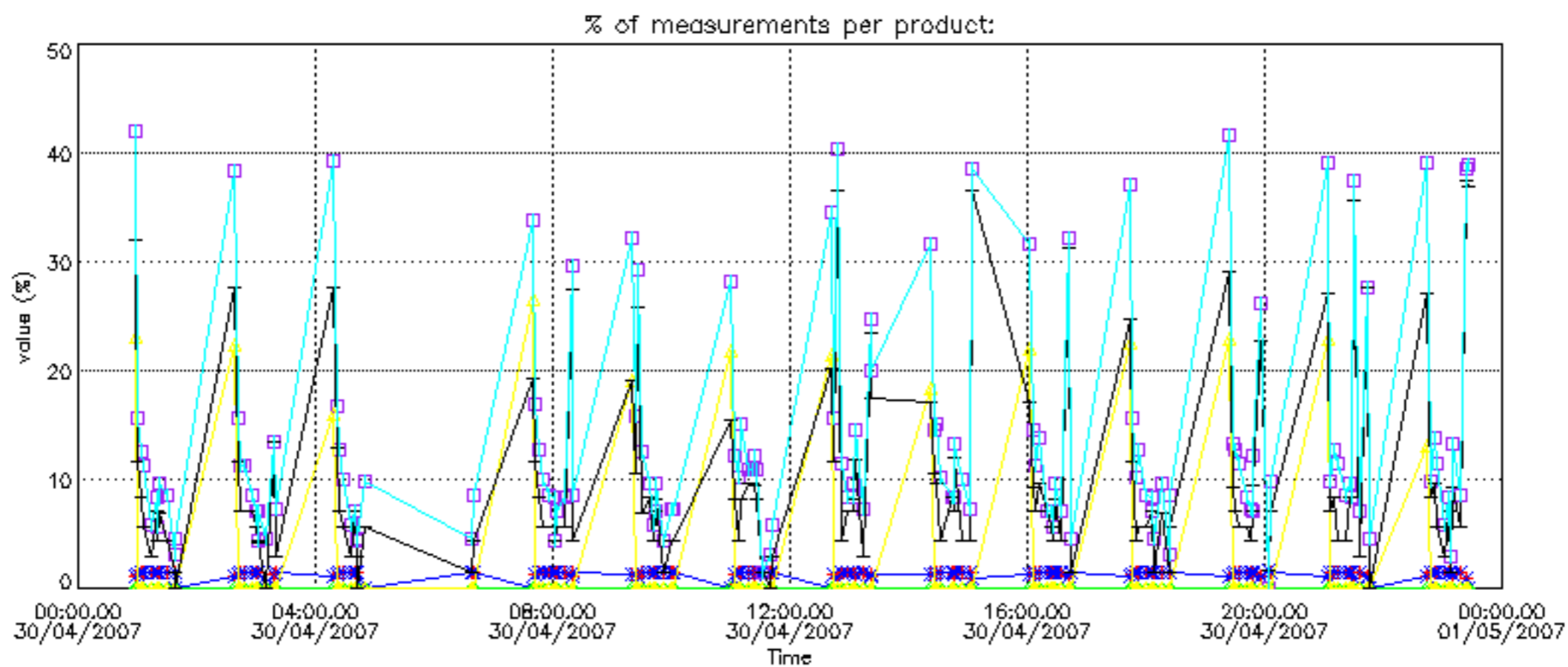
Percentage of flagged data per NO2 profile



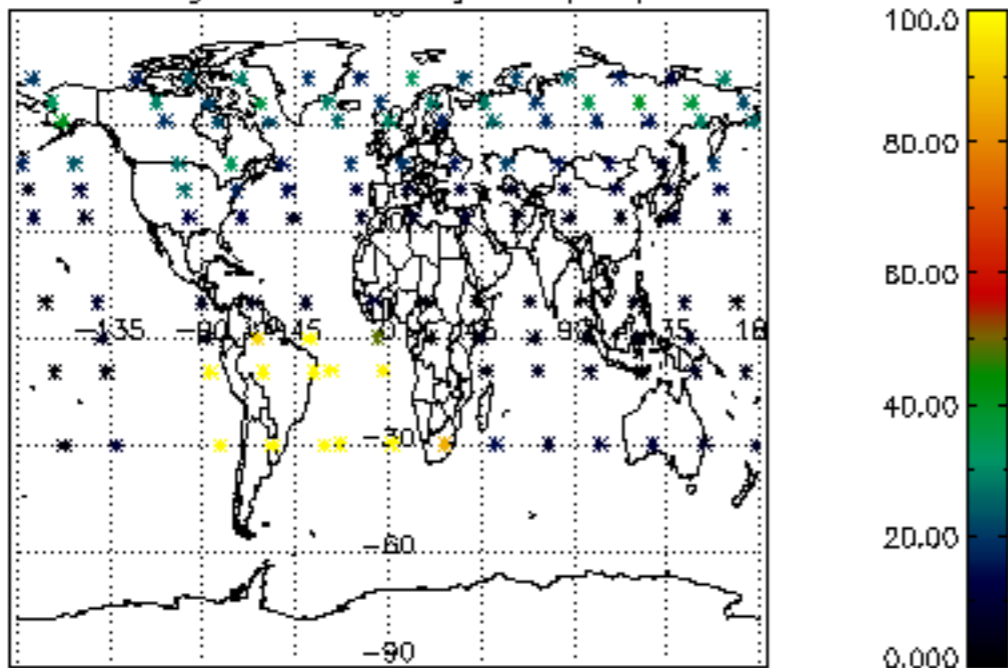
Percentage of flagged data per NO3 profile



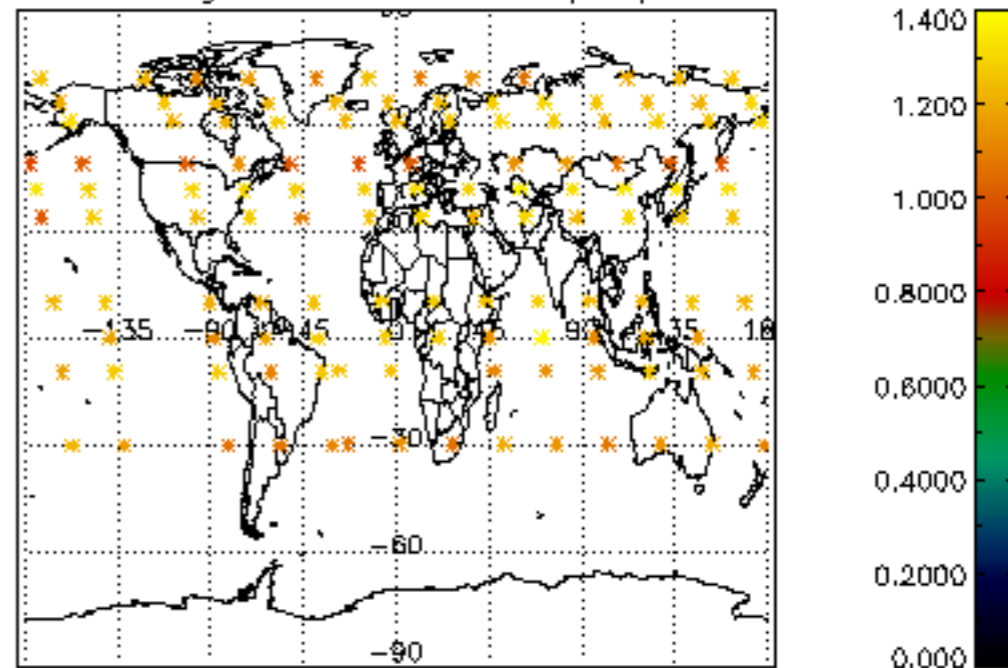




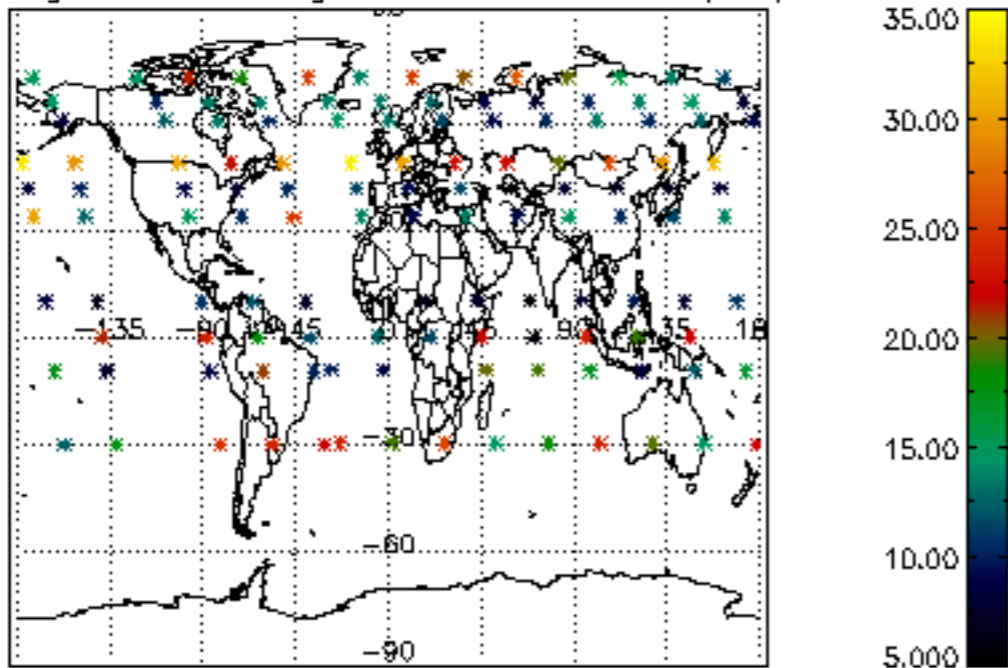
Percentage of cosmic ray hits per profile



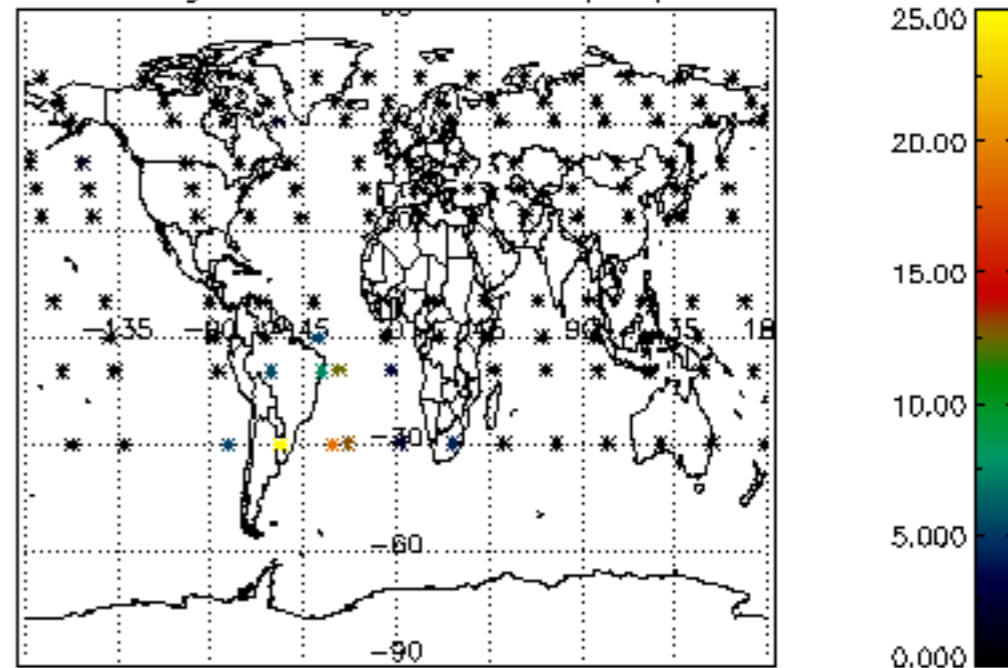
Percentage of datation errors per profile



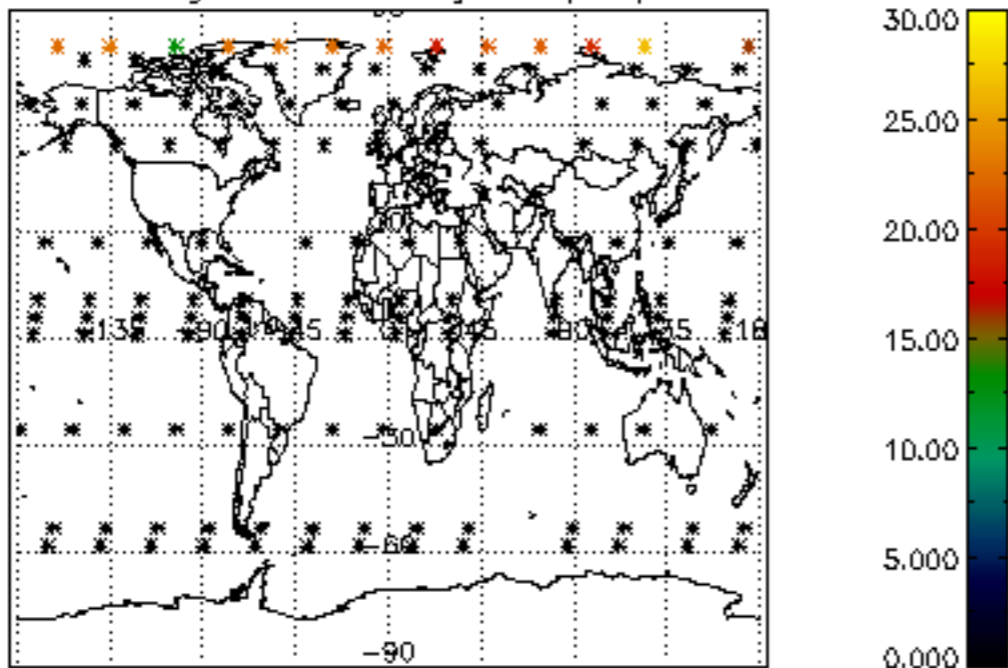
Percentage of star falling outside central band per profile



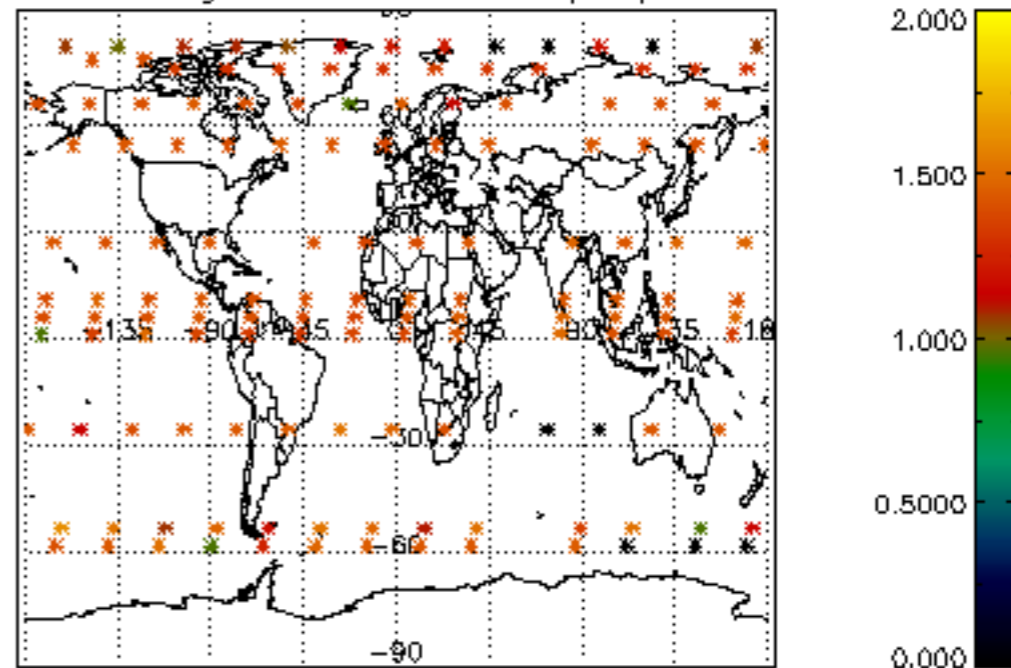
Percentage of saturation errors per profile



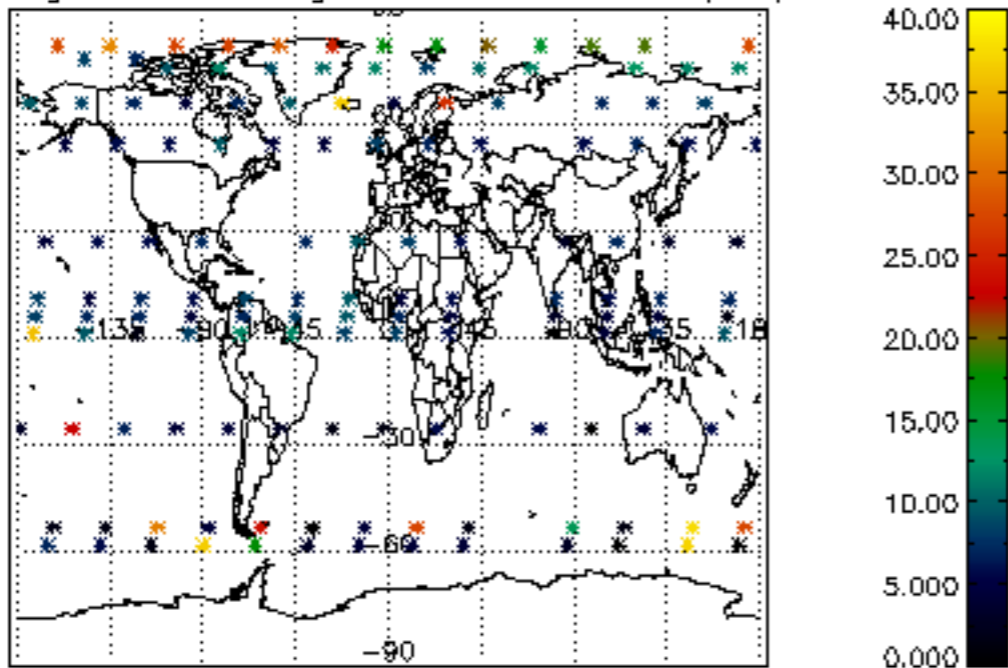
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

