

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	25APR2013 14:17:48
Data source version	GOMOS/6.01
Start time of products	16-05-2008 (16MAY2008 00:00:00)
Stop time of products	17-05-2008 (17MAY2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	308
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__2PRFIN20080516_001339_000000432068_00345_32463_0513.N1	16-MAY-2008 00:13:39	Dark	42.500	52	16Bet Cet	2.0370	4500.0	85	32463	No
2	GOM_NL__2PRFIN20080516_002027_000000392068_00345_32463_0514.N1	16-MAY-2008 00:20:27	Dark	38.500	84	Alp Phe	2.3970	4500.0	77	32463	No
3	GOM_NL__2PRFIN20080516_002433_000000572068_00345_32463_0515.N1	16-MAY-2008 00:24:33	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	32463	No
4	GOM_NL__2PRFIN20080516_002747_000000402068_00346_32464_0619.N1	16-MAY-2008 00:27:47	Dark	39.500	148	Alp Tuc	2.8780	4100.0	79	32464	No
5	GOM_NL__2PRFIN20080516_003135_000000442068_00346_32464_0620.N1	16-MAY-2008 00:31:35	Dark	43.500	45	Alp Pav	1.9400	26000.	87	32464	No
6	GOM_NL__2PRFIN20080516_003654_000000462068_00346_32464_0621.N1	16-MAY-2008 00:36:54	Straylight	46.000	43	Alp TrA	1.9100	4250.0	92	32464	No
7	GOM_NL__2PRFIN20080516_003905_000000372068_00346_32464_0622.N1	16-MAY-2008 00:39:05	Straylight	36.500	134	Bet TrA	2.8100	6600.0	73	32464	No
8	GOM_NL__2PRFIN20080516_004046_000000512068_00346_32464_0623.N1	16-MAY-2008 00:40:46	Straylight	51.000	4	Alp1Cen	-0.010000	5800.0	102	32464	No
9	GOM_NL__2PRFIN20080516_004421_000000382068_00346_32464_0624.N1	16-MAY-2008 00:44:21	Straylight	37.500	78	Alp Lup	2.3040	28000.	75	32464	No
10	GOM_NL__2PRFIN20080516_004551_000000382068_00346_32464_0625.N1	16-MAY-2008 00:45:51	Twilight	38.000	81	Eta Cen	2.3560	28000.	76	32464	No
11	GOM_NL__2PRFIN20080516_004746_000000422068_00346_32464_0626.N1	16-MAY-2008 00:47:46	Twilight	42.000	54	5The Cen	2.0550	4500.0	84	32464	No
12	GOM_NL__2PRFIN20080516_005302_000000382068_00346_32464_0627.N1	16-MAY-2008 00:53:02	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	32464	No
13	GOM_NL__2PRFIN20080516_005511_000000362068_00346_32464_0628.N1	16-MAY-2008 00:55:11	Bright	36.000	15	67Alp Vir	0.97600	28000.	72	32464	No
14	GOM_NL__2PRFIN20080516_010136_000000362068_00346_32464_0629.N1	16-MAY-2008 01:01:36	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	32464	No
15	GOM_NL__2PRFIN20080516_010308_000000352068_00346_32464_0630.N1	16-MAY-2008 01:03:08	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	32464	No
16	GOM_NL__2PRFIN20080516_010855_000000372068_00346_32464_0631.N1	16-MAY-2008 01:08:55	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	32464	No
17	GOM_NL__2PRFIN20080516_011150_000000382068_00346_32464_0632.N1	16-MAY-2008 01:11:50	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	32464	No
18	GOM_NL__2PRFIN20080516_011327_000000362068_00346_32464_0633.N1	16-MAY-2008 01:13:27	Bright	36.000	55	79Zet UMa	2.0600	10200.	72	32464	No
19	GOM_NL__2PRFIN20080516_011908_000000372068_00346_32464_0634.N1	16-MAY-2008 01:19:08	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32464	No
20	GOM_NL__2PRFIN20080516_012331_000000362068_00346_32464_0635.N1	16-MAY-2008 01:23:31	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32464	No
21	GOM_NL__2PRFIN20080516_013143_000000352068_00346_32464_0636.N1	16-MAY-2008 01:31:43	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	32464	No
22	GOM_NL__2PRFIN20080516_013257_000000532068_00346_32464_0637.N1	16-MAY-2008 01:32:57	Bright	52.500	68	18Alp Cas	2.2250	4500.0	105	32464	No
23	GOM_NL__2PRFIN20080516_015415_000000442068_00346_32464_0638.N1	16-MAY-2008 01:54:15	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	32464	No
24	GOM_NL__2PRFIN20080516_020103_000000392068_00346_32464_0639.N1	16-MAY-2008 02:01:03	Dark	39.000	84	Alp Phe	2.3970	4500.0	78	32464	No
25	GOM_NL__2PRFIN20080516_020510_000000562068_00346_32464_0640.N1	16-MAY-2008 02:05:10	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	32464	No
26	GOM_NL__2PRFIN20080516_020823_000000392068_00347_32465_0643.N1	16-MAY-2008 02:08:23	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32465	No
27	GOM_NL__2PRFIN20080516_021212_000000422068_00347_32465_0644.N1	16-MAY-2008 02:12:12	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32465	No
28	GOM_NL__2PRFIN20080516_021730_000000382068_00347_32465_0645.N1	16-MAY-2008 02:17:30	Straylight	38.000	43	Alp TrA	1.9100	4250.0	76	32465	No
29	GOM_NL__2PRFIN20080516_021941_000000382068_00347_32465_0646.N1	16-MAY-2008 02:19:41	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	32465	No
30	GOM_NL__2PRFIN20080516_022122_000000482068_00347_32465_0647.N1	16-MAY-2008 02:21:22	Straylight	47.500	4	Alp1Cen	-0.010000	5800.0	95	32465	No
31	GOM_NL__2PRFIN20080516_022457_000000392068_00347_32465_0648.N1	16-MAY-2008 02:24:57	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	32465	No
32	GOM_NL__2PRFIN20080516_022627_000000372068_00347_32465_0649.N1	16-MAY-2008 02:26:27	Twilight	37.000	81	Eta Cen	2.3560	28000.	74	32465	No
33	GOM_NL__2PRFIN20080516_022822_000000432068_00347_32465_0650.N1	16-MAY-2008 02:28:22	Twilight	42.500	54	5The Cen	2.0550	4500.0	85	32465	No
34	GOM_NL__2PRFIN20080516_023338_000000382068_00347_32465_0651.N1	16-MAY-2008 02:33:38	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	32465	No
35	GOM_NL__2PRFIN20080516_023547_000000382068_00347_32465_0652.N1	16-MAY-2008 02:35:47	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	32465	No
36	GOM_NL__2PRFIN20080516_024212_000000362068_00347_32465_0653.N1	16-MAY-2008 02:42:12	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	32465	No
37	GOM_NL__2PRFIN20080516_024344_000000352068_00347_32465_0654.N1	16-MAY-2008 02:43:44	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	32465	No
38	GOM_NL__2PRFIN20080516_024931_000000362068_00347_32465_0655.N1	16-MAY-2008 02:49:31	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	32465	No
39	GOM_NL__2PRFIN20080516_025226_000000362068_00347_32465_0656.N1	16-MAY-2008 02:52:26	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32465	No
40	GOM_NL__2PRFIN20080516_025403_000000362068_00347_32465_0657.N1	16-MAY-2008 02:54:03	Bright	35.500	55	79Zet UMa	2.0600	10200.	71	32465	No
41	GOM_NL__2PRFIN20080516_025943_000000382068_00347_32465_0658.N1	16-MAY-2008 02:59:43	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32465	No
42	GOM_NL__2PRFIN20080516_030407_000000362068_00347_32465_0659.N1	16-MAY-2008 03:04:07	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32465	No

43	GOM_NL__2PRFIN20080516_031219_000000332068_00347_32465_0660.N1	16-MAY-2008 03:12:19	Bright	33.000	76	27Gam Cas	2.3000	30000.	66	32465	No
44	GOM_NL__2PRFIN20080516_031332_000000532068_00347_32465_0661.N1	16-MAY-2008 03:13:32	Bright	52.500	68	18Alp Cas	2.2250	4500.0	105	32465	No
45	GOM_NL__2PRFIN20080516_033451_000000412068_00347_32465_0662.N1	16-MAY-2008 03:34:51	Dark	40.500	52	16Bet Cet	2.0370	4500.0	81	32465	No
46	GOM_NL__2PRFIN20080516_034140_000000412068_00347_32465_0663.N1	16-MAY-2008 03:41:40	Dark	40.500	84	Alp Phe	2.3970	4500.0	81	32465	No
47	GOM_NL__2PRFIN20080516_034546_000000572068_00347_32465_0664.N1	16-MAY-2008 03:45:46	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	32465	No
48	GOM_NL__2PRFIN20080516_034900_000000402068_00348_32466_0660.N1	16-MAY-2008 03:49:00	Dark	39.500	148	Alp Tuc	2.8780	4100.0	79	32466	No
49	GOM_NL__2PRFIN20080516_035249_000000432068_00348_32466_0661.N1	16-MAY-2008 03:52:49	Dark	42.500	45	Alp Pav	1.9400	26000.	85	32466	No
50	GOM_NL__2PRFIN20080516_035807_000000382068_00348_32466_0662.N1	16-MAY-2008 03:58:07	Straylight	38.000	43	Alp TrA	1.9100	4250.0	76	32466	No
51	GOM_NL__2PRFIN20080516_040017_000000372068_00348_32466_0663.N1	16-MAY-2008 04:00:17	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	32466	No
52	GOM_NL__2PRFIN20080516_040158_000000412068_00348_32466_0664.N1	16-MAY-2008 04:01:58	Straylight	40.500	4	Alp1Cen	-0.010000	5800.0	81	32466	No
53	GOM_NL__2PRFIN20080516_040533_000000372068_00348_32466_0665.N1	16-MAY-2008 04:05:33	Straylight	37.000	78	Alp Lup	2.3040	28000.	74	32466	No
54	GOM_NL__2PRFIN20080516_040704_000000382068_00348_32466_0666.N1	16-MAY-2008 04:07:04	Tw_i_and_stray	37.500	81	Eta Cen	2.3560	28000.	75	32466	No
55	GOM_NL__2PRFIN20080516_040859_000000432068_00348_32466_0667.N1	16-MAY-2008 04:08:59	Tw_i_and_stray	42.500	54	5The Cen	2.0550	4500.0	85	32466	No
56	GOM_NL__2PRFIN20080516_041414_000000372068_00348_32466_0668.N1	16-MAY-2008 04:14:14	Bright	36.500	122	9Alp2Lib	2.7470	9700.0	73	32466	No
57	GOM_NL__2PRFIN20080516_041624_000000372068_00348_32466_0669.N1	16-MAY-2008 04:16:24	Bright	36.500	15	67Alp Vir	0.97600	28000.	73	32466	No
58	GOM_NL__2PRFIN20080516_042248_000000352068_00348_32466_0670.N1	16-MAY-2008 04:22:48	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	32466	No
59	GOM_NL__2PRFIN20080516_042420_000000352068_00348_32466_0671.N1	16-MAY-2008 04:24:20	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	32466	No
60	GOM_NL__2PRFIN20080516_043007_000000382068_00348_32466_0672.N1	16-MAY-2008 04:30:07	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	32466	No
61	GOM_NL__2PRFIN20080516_043302_000000352068_00348_32466_0673.N1	16-MAY-2008 04:33:02	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	32466	No
62	GOM_NL__2PRFIN20080516_043439_000000342068_00348_32466_0674.N1	16-MAY-2008 04:34:39	Bright	34.000	55	79Zet UMa	2.0600	10200.	68	32466	No
63	GOM_NL__2PRFIN20080516_044019_000000372068_00348_32466_0675.N1	16-MAY-2008 04:40:19	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32466	No
64	GOM_NL__2PRFIN20080516_044443_000000362068_00348_32466_0676.N1	16-MAY-2008 04:44:43	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32466	No
65	GOM_NL__2PRFIN20080516_045255_000000532068_00348_32466_0677.N1	16-MAY-2008 04:52:55	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	32466	No
66	GOM_NL__2PRFIN20080516_045409_000000532068_00348_32466_0678.N1	16-MAY-2008 04:54:09	Bright	53.000	68	18Alp Cas	2.2250	4500.0	106	32466	No
67	GOM_NL__2PRFIN20080516_051527_000000422068_00348_32466_0679.N1	16-MAY-2008 05:15:27	Dark	42.000	52	16Bet Cet	2.0370	4500.0	84	32466	No
68	GOM_NL__2PRFIN20080516_052216_000000412068_00348_32466_0680.N1	16-MAY-2008 05:22:16	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	32466	No
69	GOM_NL__2PRFIN20080516_052623_000000522068_00348_32466_0681.N1	16-MAY-2008 05:26:23	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	32466	No
70	GOM_NL__2PRFIN20080516_052936_000000392068_00349_32467_0676.N1	16-MAY-2008 05:29:36	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	32467	No
71	GOM_NL__2PRFIN20080516_053325_000000412068_00349_32467_0677.N1	16-MAY-2008 05:33:25	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32467	No
72	GOM_NL__2PRFIN20080516_053843_000000382068_00349_32467_0678.N1	16-MAY-2008 05:38:43	Straylight	38.000	43	Alp TrA	1.9100	4250.0	76	32467	No
73	GOM_NL__2PRFIN20080516_054054_000000362068_00349_32467_0679.N1	16-MAY-2008 05:40:54	Straylight	36.000	134	Bet TrA	2.8100	6600.0	72	32467	No
74	GOM_NL__2PRFIN20080516_054235_000000412068_00349_32467_0680.N1	16-MAY-2008 05:42:35	Straylight	41.000	4	Alp1Cen	-0.010000	5800.0	82	32467	No
75	GOM_NL__2PRFIN20080516_054610_000000362068_00349_32467_0681.N1	16-MAY-2008 05:46:10	Straylight	36.000	78	Alp Lup	2.3040	28000.	72	32467	No
76	GOM_NL__2PRFIN20080516_054740_000000382068_00349_32467_0682.N1	16-MAY-2008 05:47:40	Tw_i_and_stray	38.000	81	Eta Cen	2.3560	28000.	76	32467	No
77	GOM_NL__2PRFIN20080516_054935_000000472068_00349_32467_0683.N1	16-MAY-2008 05:49:35	Tw_i_and_stray	46.500	54	5The Cen	2.0550	4500.0	93	32467	No
78	GOM_NL__2PRFIN20080516_055450_000000372068_00349_32467_0684.N1	16-MAY-2008 05:54:50	Bright	36.500	122	9Alp2Lib	2.7470	9700.0	73	32467	No
79	GOM_NL__2PRFIN20080516_055700_000000382068_00349_32467_0685.N1	16-MAY-2008 05:57:00	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	32467	No
80	GOM_NL__2PRFIN20080516_060324_000000352068_00349_32467_0686.N1	16-MAY-2008 06:03:24	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	32467	No
81	GOM_NL__2PRFIN20080516_060456_000000342068_00349_32467_0687.N1	16-MAY-2008 06:04:56	Bright	33.500	111	8Eta Boo	2.6800	6000.0	67	32467	No
82	GOM_NL__2PRFIN20080516_061043_000000382068_00349_32467_0688.N1	16-MAY-2008 06:10:43	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	32467	No
83	GOM_NL__2PRFIN20080516_061338_000000362068_00349_32467_0689.N1	16-MAY-2008 06:13:38	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32467	No
84	GOM_NL__2PRFIN20080516_061515_000000362068_00349_32467_0690.N1	16-MAY-2008 06:15:15	Bright	36.000	55	79Zet UMa	2.0600	10200.	72	32467	No
85	GOM_NL__2PRFIN20080516_062055_000000382068_00349_32467_0691.N1	16-MAY-2008 06:20:55	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32467	No
86	GOM_NL__2PRFIN20080516_062519_000000352068_00349_32467_0692.N1	16-MAY-2008 06:25:19	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32467	No
87	GOM_NL__2PRFIN20080516_063331_000000342068_00349_32467_0693.N1	16-MAY-2008 06:33:31	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	32467	No
88	GOM_NL__2PRFIN20080516_063445_000000432068_00349_32467_0694.N1	16-MAY-2008 06:34:45	Bright	42.500	68	18Alp Cas	2.2250	4500.0	85	32467	No
89	GOM_NL__2PRFIN20080516_065604_000000432068_00349_32467_0695.N1	16-MAY-2008 06:56:04	Dark	43.000	52	16Bet Cet	2.0370	4500.0	86	32467	No
90	GOM_NL__2PRFIN20080516_070252_000000422068_00349_32467_0696.N1	16-MAY-2008 07:02:52	Dark	41.500	84	Alp Phe	2.3970	4500.0	83	32467	No
91	GOM_NL__2PRFIN20080516_070700_000000462068_00349_32467_0697.N1	16-MAY-2008 07:07:00	Dark	45.500	63	Bet Gru	2.1500	2800.0	91	32467	No
92	GOM_NL__2PRFIN20080516_071013_000000462068_00350_32468_0692.N1	16-MAY-2008 07:10:13	Dark	46.000	148	Alp Tuc	2.8780	4100.0	92	32468	No
93	GOM_NL__2PRFIN20080516_071402_000000422068_00350_32468_0693.N1	16-MAY-2008 07:14:02	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32468	No
94	GOM_NL__2PRFIN20080516_071919_000000432068_00350_32468_0694.N1	16-MAY-2008 07:19:19	Straylight	42.500	43	Alp TrA	1.9100	4250.0	85	32468	No
95	GOM_NL__2PRFIN20080516_072130_000000382068_00350_32468_0695.N1	16-MAY-2008 07:21:30	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	32468	No
96	GOM_NL__2PRFIN20080516_072311_000000432068_00350_32468_0696.N1	16-MAY-2008 07:23:11	Straylight	42.500	4	Alp1Cen	-0.010000	5800.0	85	32468	No
97	GOM_NL__2PRFIN20080516_072646_000000382068_00350_32468_0697.N1	16-MAY-2008 07:26:46	Straylight	37.500	78	Alp Lup	2.3040	28000.	75	32468	No
98	GOM_NL__2PRFIN20080516_072816_000000382068_00350_32468_0698.N1	16-MAY-2008 07:28:16	Tw_i_and_stray	37.500	81	Eta Cen	2.3560	28000.	75	32468	No
99	GOM_NL__2PRFIN20080516_073011_000000452068_00350_32468_0699.N1	16-MAY-2008 07:30:11	Tw_i_and_stray	44.500	54	5The Cen	2.0550	4500.0	89	32468	No
100	GOM_NL__2PRFIN20080516_073526_000000372068_00350_32468_0700.N1	16-MAY-2008 07:35:26	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32468	No
101	GOM_NL__2PRFIN20080516_073736_000000382068_00350_32468_0701.N1	16-MAY-2008 07:37:36	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	32468	No

102	GOM_NL__2PRFIN20080516_074401_000000352068_00350_32468_0702.N1	16-MAY-2008 07:44:01	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	32468	No
103	GOM_NL__2PRFIN20080516_074532_000000342068_00350_32468_0703.N1	16-MAY-2008 07:45:32	Bright	34.000	111	8Eta Boo	2.6800	6000.0	68	32468	No
104	GOM_NL__2PRFIN20080516_075118_000000382068_00350_32468_0704.N1	16-MAY-2008 07:51:18	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	32468	No
105	GOM_NL__2PRFIN20080516_075414_000000362068_00350_32468_0705.N1	16-MAY-2008 07:54:14	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32468	No
106	GOM_NL__2PRFIN20080516_075551_000000362068_00350_32468_0706.N1	16-MAY-2008 07:55:51	Bright	35.500	55	79Zet UMa	2.0600	10200.	71	32468	No
107	GOM_NL__2PRFIN20080516_080131_000000362068_00350_32468_0707.N1	16-MAY-2008 08:01:31	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	32468	No
108	GOM_NL__2PRFIN20080516_080555_000000322068_00350_32468_0708.N1	16-MAY-2008 08:05:55	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	32468	No
109	GOM_NL__2PRFIN20080516_081407_000000532068_00350_32468_0709.N1	16-MAY-2008 08:14:07	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	32468	No
110	GOM_NL__2PRFIN20080516_081520_000000532068_00350_32468_0710.N1	16-MAY-2008 08:15:20	Bright	53.000	68	18Alp Cas	2.2250	4500.0	106	32468	No
111	GOM_NL__2PRFIN20080516_083640_000000432068_00350_32468_0711.N1	16-MAY-2008 08:36:40	Dark	42.500	52	16Bet Cet	2.0370	4500.0	85	32468	No
112	GOM_NL__2PRFIN20080516_084328_000000422068_00350_32468_0712.N1	16-MAY-2008 08:43:28	Dark	41.500	84	Alp Phe	2.3970	4500.0	83	32468	No
113	GOM_NL__2PRFIN20080516_084736_000000462068_00350_32468_0713.N1	16-MAY-2008 08:47:36	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	32468	No
114	GOM_NL__2PRFIN20080516_085049_000000392068_00351_32469_0702.N1	16-MAY-2008 08:50:49	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	32469	No
115	GOM_NL__2PRFIN20080516_085439_000000422068_00351_32469_0703.N1	16-MAY-2008 08:54:39	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32469	No
116	GOM_NL__2PRFIN20080516_085956_000000392068_00351_32469_0704.N1	16-MAY-2008 08:59:56	Straylight	39.000	43	Alp TrA	1.9100	4250.0	78	32469	No
117	GOM_NL__2PRFIN20080516_090206_000000372068_00351_32469_0705.N1	16-MAY-2008 09:02:06	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	32469	No
118	GOM_NL__2PRFIN20080516_090347_000000502068_00351_32469_0706.N1	16-MAY-2008 09:03:47	Straylight	50.000	4	Alp1Cen	-0.010000	5800.0	100	32469	No
119	GOM_NL__2PRFIN20080516_090722_000000382068_00351_32469_0707.N1	16-MAY-2008 09:07:22	Straylight	38.000	78	Alp Lup	2.3040	28000.	76	32469	No
120	GOM_NL__2PRFIN20080516_090852_000000402068_00351_32469_0708.N1	16-MAY-2008 09:08:52	Twi_and_stray	40.000	81	Eta Cen	2.3560	28000.	80	32469	No
121	GOM_NL__2PRFIN20080516_091047_000000412068_00351_32469_0709.N1	16-MAY-2008 09:10:47	Twi_and_stray	41.000	54	5The Cen	2.0550	4500.0	82	32469	No
122	GOM_NL__2PRFIN20080516_091602_000000382068_00351_32469_0710.N1	16-MAY-2008 09:16:02	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	32469	No
123	GOM_NL__2PRFIN20080516_091812_000000372068_00351_32469_0711.N1	16-MAY-2008 09:18:12	Bright	37.000	15	67Alp Vir	0.97600	28000.	74	32469	No
124	GOM_NL__2PRFIN20080516_092437_000000352068_00351_32469_0712.N1	16-MAY-2008 09:24:37	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	32469	No
125	GOM_NL__2PRFIN20080516_092608_000000362068_00351_32469_0713.N1	16-MAY-2008 09:26:08	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	32469	No
126	GOM_NL__2PRFIN20080516_093154_000000382068_00351_32469_0714.N1	16-MAY-2008 09:31:54	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	32469	No
127	GOM_NL__2PRFIN20080516_093450_000000432068_00351_32469_0715.N1	16-MAY-2008 09:34:50	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	32469	No
128	GOM_NL__2PRFIN20080516_093627_000000352068_00351_32469_0716.N1	16-MAY-2008 09:36:27	Bright	35.000	55	79Zet UMa	2.0600	10200.	70	32469	No
129	GOM_NL__2PRFIN20080516_094207_000000382068_00351_32469_0717.N1	16-MAY-2008 09:42:07	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32469	No
130	GOM_NL__2PRFIN20080516_094631_000000362068_00351_32469_0718.N1	16-MAY-2008 09:46:31	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32469	No
131	GOM_NL__2PRFIN20080516_095443_000000342068_00351_32469_0719.N1	16-MAY-2008 09:54:43	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	32469	No
132	GOM_NL__2PRFIN20080516_095556_000000412068_00351_32469_0720.N1	16-MAY-2008 09:55:56	Bright	41.000	68	18Alp Cas	2.2250	4500.0	82	32469	No
133	GOM_NL__2PRFIN20080516_101716_000000412068_00351_32469_0721.N1	16-MAY-2008 10:17:16	Dark	41.000	52	16Bet Cet	2.0370	4500.0	82	32469	No
134	GOM_NL__2PRFIN20080516_102405_000000422068_00351_32469_0722.N1	16-MAY-2008 10:24:05	Dark	41.500	84	Alp Phe	2.3970	4500.0	83	32469	No
135	GOM_NL__2PRFIN20080516_102813_000000522068_00351_32469_0723.N1	16-MAY-2008 10:28:13	Dark	52.000	63	Bet Gru	2.1500	2800.0	104	32469	No
136	GOM_NL__2PRFIN20080516_103126_000000472068_00352_32470_0721.N1	16-MAY-2008 10:31:26	Dark	46.500	148	Alp Tuc	2.8780	4100.0	93	32470	No
137	GOM_NL__2PRFIN20080516_103515_000000412068_00352_32470_0722.N1	16-MAY-2008 10:35:15	Dark	41.000	45	Alp Pav	1.9400	26000.	82	32470	No
138	GOM_NL__2PRFIN20080516_104032_000000392068_00352_32470_0723.N1	16-MAY-2008 10:40:32	Straylight	38.500	43	Alp TrA	1.9100	4250.0	77	32470	No
139	GOM_NL__2PRFIN20080516_104242_000000372068_00352_32470_0724.N1	16-MAY-2008 10:42:42	Straylight	36.500	134	Bet TrA	2.8100	6600.0	73	32470	No
140	GOM_NL__2PRFIN20080516_104423_000000412068_00352_32470_0725.N1	16-MAY-2008 10:44:23	Straylight	40.500	4	Alp1Cen	-0.010000	5800.0	81	32470	No
141	GOM_NL__2PRFIN20080516_104758_000000382068_00352_32470_0726.N1	16-MAY-2008 10:47:58	Straylight	38.000	78	Alp Lup	2.3040	28000.	76	32470	No
142	GOM_NL__2PRFIN20080516_104928_000000402068_00352_32470_0727.N1	16-MAY-2008 10:49:28	Twi_and_stray	40.000	81	Eta Cen	2.3560	28000.	80	32470	No
143	GOM_NL__2PRFIN20080516_105123_000000442068_00352_32470_0728.N1	16-MAY-2008 10:51:23	Twi_and_stray	43.500	54	5The Cen	2.0550	4500.0	87	32470	No
144	GOM_NL__2PRFIN20080516_105638_000000372068_00352_32470_0729.N1	16-MAY-2008 10:56:38	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32470	No
145	GOM_NL__2PRFIN20080516_105848_000000382068_00352_32470_0730.N1	16-MAY-2008 10:58:48	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	32470	No
146	GOM_NL__2PRFIN20080516_110513_000000372068_00352_32470_0731.N1	16-MAY-2008 11:05:13	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	32470	No
147	GOM_NL__2PRFIN20080516_110644_000000362068_00352_32470_0732.N1	16-MAY-2008 11:06:44	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	32470	No
148	GOM_NL__2PRFIN20080516_111230_000000362068_00352_32470_0733.N1	16-MAY-2008 11:12:30	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	32470	No
149	GOM_NL__2PRFIN20080516_111526_000000382068_00352_32470_0734.N1	16-MAY-2008 11:15:26	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	32470	No
150	GOM_NL__2PRFIN20080516_111703_000000362068_00352_32470_0735.N1	16-MAY-2008 11:17:03	Bright	35.500	55	79Zet UMa	2.0600	10200.	71	32470	No
151	GOM_NL__2PRFIN20080516_112243_000000392068_00352_32470_0736.N1	16-MAY-2008 11:22:43	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	32470	No
152	GOM_NL__2PRFIN20080516_112707_000000362068_00352_32470_0737.N1	16-MAY-2008 11:27:07	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32470	No
153	GOM_NL__2PRFIN20080516_113519_000000532068_00352_32470_0738.N1	16-MAY-2008 11:35:19	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	32470	No
154	GOM_NL__2PRFIN20080516_113632_000000362068_00352_32470_0739.N1	16-MAY-2008 11:36:32	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	32470	No
155	GOM_NL__2PRFIN20080516_115752_000000422068_00352_32470_0740.N1	16-MAY-2008 11:57:52	Dark	41.500	52	16Bet Cet	2.0370	4500.0	83	32470	No
156	GOM_NL__2PRFIN20080516_120441_000000392068_00352_32470_0741.N1	16-MAY-2008 12:04:41	Dark	38.500	84	Alp Phe	2.3970	4500.0	77	32470	No
157	GOM_NL__2PRFIN20080516_120849_000000552068_00352_32470_0742.N1	16-MAY-2008 12:08:49	Dark	55.000	63	Bet Gru	2.1500	2800.0	110	32470	No
158	GOM_NL__2PRFIN20080516_121202_000000402068_00353_32471_0736.N1	16-MAY-2008 12:12:02	Dark	40.000	148	Alp Tuc	2.8780	4100.0	80	32471	No
159	GOM_NL__2PRFIN20080516_121552_000000422068_00353_32471_0737.N1	16-MAY-2008 12:15:52	Dark	42.000	45	Alp Pav	1.9400	26000.	84	32471	No
160	GOM_NL__2PRFIN20080516_122108_000000382068_00353_32471_0738.N1	16-MAY-2008 12:21:08	Straylight	38.000	43	Alp TrA	1.9100	4250.0	76	32471	No

161	GOM_NL__2PRFIN20080516_122318_000000372068_00353_32471_0739.N1	16-MAY-2008 12:23:18	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	32471	No
162	GOM_NL__2PRFIN20080516_122459_000000412068_00353_32471_0740.N1	16-MAY-2008 12:24:59	Straylight	40.500	4	Alp1Cen	-0.010000	5800.0	81	32471	No
163	GOM_NL__2PRFIN20080516_122834_000000392068_00353_32471_0741.N1	16-MAY-2008 12:28:34	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	32471	No
164	GOM_NL__2PRFIN20080516_123004_000000392068_00353_32471_0742.N1	16-MAY-2008 12:30:04	Twi_and_stray	38.500	81	Eta Cen	2.3560	28000.	77	32471	No
165	GOM_NL__2PRFIN20080516_123159_000000422068_00353_32471_0743.N1	16-MAY-2008 12:31:59	Twi_and_stray	42.000	54	5The Cen	2.0550	4500.0	84	32471	No
166	GOM_NL__2PRFIN20080516_123714_000000382068_00353_32471_0744.N1	16-MAY-2008 12:37:14	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	32471	No
167	GOM_NL__2PRFIN20080516_123924_000000382068_00353_32471_0745.N1	16-MAY-2008 12:39:24	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	32471	No
168	GOM_NL__2PRFIN20080516_124549_000000372068_00353_32471_0746.N1	16-MAY-2008 12:45:49	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	32471	No
169	GOM_NL__2PRFIN20080516_124720_000000352068_00353_32471_0747.N1	16-MAY-2008 12:47:20	Bright	34.500	111	8Eta Boo	2.6800	6000.0	69	32471	No
170	GOM_NL__2PRFIN20080516_125306_000000362068_00353_32471_0748.N1	16-MAY-2008 12:53:06	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	32471	No
171	GOM_NL__2PRFIN20080516_125602_000000372068_00353_32471_0749.N1	16-MAY-2008 12:56:02	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	32471	No
172	GOM_NL__2PRFIN20080516_125739_000000372068_00353_32471_0750.N1	16-MAY-2008 12:57:39	Bright	37.000	55	79Zet UMa	2.0600	10200.	74	32471	No
173	GOM_NL__2PRFIN20080516_130318_000000372068_00353_32471_0751.N1	16-MAY-2008 13:03:18	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32471	No
174	GOM_NL__2PRFIN20080516_130743_000000352068_00353_32471_0752.N1	16-MAY-2008 13:07:43	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32471	No
175	GOM_NL__2PRFIN20080516_131555_000000352068_00353_32471_0753.N1	16-MAY-2008 13:15:55	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	32471	No
176	GOM_NL__2PRFIN20080516_131708_000000342068_00353_32471_0754.N1	16-MAY-2008 13:17:08	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	32471	No
177	GOM_NL__2PRFIN20080516_133829_000000452068_00353_32471_0755.N1	16-MAY-2008 13:38:29	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	32471	No
178	GOM_NL__2PRFIN20080516_134517_000000422068_00353_32471_0756.N1	16-MAY-2008 13:45:17	Dark	42.000	84	Alp Phe	2.3970	4500.0	84	32471	No
179	GOM_NL__2PRFIN20080516_134926_000000572068_00353_32471_0757.N1	16-MAY-2008 13:49:26	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	32471	No
180	GOM_NL__2PRFIN20080516_135238_000000392068_00354_32472_0748.N1	16-MAY-2008 13:52:38	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32472	No
181	GOM_NL__2PRFIN20080516_135629_000000422068_00354_32472_0749.N1	16-MAY-2008 13:56:29	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32472	No
182	GOM_NL__2PRFIN20080516_140144_000000392068_00354_32472_0750.N1	16-MAY-2008 14:01:44	Straylight	39.000	43	Alp TrA	1.9100	4250.0	78	32472	No
183	GOM_NL__2PRFIN20080516_140354_000000372068_00354_32472_0751.N1	16-MAY-2008 14:03:54	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	32472	No
184	GOM_NL__2PRFIN20080516_140535_000000432068_00354_32472_0752.N1	16-MAY-2008 14:05:35	Straylight	43.000	4	Alp1Cen	-0.010000	5800.0	86	32472	No
185	GOM_NL__2PRFIN20080516_140910_000000362068_00354_32472_0753.N1	16-MAY-2008 14:09:10	Straylight	36.000	78	Alp Lup	2.3040	28000.	72	32472	No
186	GOM_NL__2PRFIN20080516_141040_000000372068_00354_32472_0754.N1	16-MAY-2008 14:10:40	Twi_and_stray	37.000	81	Eta Cen	2.3560	28000.	74	32472	No
187	GOM_NL__2PRFIN20080516_141235_000000422068_00354_32472_0755.N1	16-MAY-2008 14:12:35	Twi_and_stray	42.000	54	5The Cen	2.0550	4500.0	84	32472	No
188	GOM_NL__2PRFIN20080516_141750_000000382068_00354_32472_0756.N1	16-MAY-2008 14:17:50	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	32472	No
189	GOM_NL__2PRFIN20080516_142000_000000372068_00354_32472_0757.N1	16-MAY-2008 14:20:00	Bright	37.000	15	67Alp Vir	0.97600	28000.	74	32472	No
190	GOM_NL__2PRFIN20080516_142625_000000352068_00354_32472_0758.N1	16-MAY-2008 14:26:25	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	32472	No
191	GOM_NL__2PRFIN20080516_142756_000000362068_00354_32472_0759.N1	16-MAY-2008 14:27:56	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	32472	No
192	GOM_NL__2PRFIN20080516_143341_000000362068_00354_32472_0760.N1	16-MAY-2008 14:33:41	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	32472	No
193	GOM_NL__2PRFIN20080516_143638_000000342068_00354_32472_0761.N1	16-MAY-2008 14:36:38	Bright	33.500	39	85Eta UMa	1.8540	24000.	67	32472	No
194	GOM_NL__2PRFIN20080516_143815_000000342068_00354_32472_0762.N1	16-MAY-2008 14:38:15	Bright	33.500	55	79Zet UMa	2.0600	10200.	67	32472	No
195	GOM_NL__2PRFIN20080516_144354_000000382068_00354_32472_0763.N1	16-MAY-2008 14:43:54	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32472	No
196	GOM_NL__2PRFIN20080516_144819_000000342068_00354_32472_0764.N1	16-MAY-2008 14:48:19	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	32472	No
197	GOM_NL__2PRFIN20080516_145631_000000342068_00354_32472_0765.N1	16-MAY-2008 14:56:31	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	32472	No
198	GOM_NL__2PRFIN20080516_145744_000000342068_00354_32472_0766.N1	16-MAY-2008 14:57:44	Bright	33.500	68	18Alp Cas	2.2250	4500.0	67	32472	No
199	GOM_NL__2PRFIN20080516_151905_000000412068_00354_32472_0767.N1	16-MAY-2008 15:19:05	Dark	40.500	52	16Bet Cet	2.0370	4500.0	81	32472	No
200	GOM_NL__2PRFIN20080516_152553_000000432068_00354_32472_0768.N1	16-MAY-2008 15:25:53	Dark	42.500	84	Alp Phe	2.3970	4500.0	85	32472	No
201	GOM_NL__2PRFIN20080516_153002_000000552068_00354_32472_0769.N1	16-MAY-2008 15:30:02	Dark	54.500	63	Bet Gru	2.1500	2800.0	109	32472	No
202	GOM_NL__2PRFIN20080516_153315_000000402068_00355_32473_0763.N1	16-MAY-2008 15:33:15	Dark	40.000	148	Alp Tuc	2.8780	4100.0	80	32473	No
203	GOM_NL__2PRFIN20080516_153705_000000412068_00355_32473_0764.N1	16-MAY-2008 15:37:05	Dark	41.000	45	Alp Pav	1.9400	26000.	82	32473	No
204	GOM_NL__2PRFIN20080516_154220_000000392068_00355_32473_0765.N1	16-MAY-2008 15:42:20	Straylight	39.000	43	Alp TrA	1.9100	4250.0	78	32473	No
205	GOM_NL__2PRFIN20080516_154431_000000372068_00355_32473_0766.N1	16-MAY-2008 15:44:31	Straylight	36.500	134	Bet TrA	2.8100	6600.0	73	32473	No
206	GOM_NL__2PRFIN20080516_154611_000000452068_00355_32473_0767.N1	16-MAY-2008 15:46:11	Straylight	45.000	4	Alp1Cen	-0.010000	5800.0	90	32473	No
207	GOM_NL__2PRFIN20080516_154946_000000372068_00355_32473_0768.N1	16-MAY-2008 15:49:46	Straylight	36.500	78	Alp Lup	2.3040	28000.	73	32473	No
208	GOM_NL__2PRFIN20080516_155116_000000382068_00355_32473_0769.N1	16-MAY-2008 15:51:16	Twi_and_stray	38.000	81	Eta Cen	2.3560	28000.	76	32473	No
209	GOM_NL__2PRFIN20080516_155312_000000402068_00355_32473_0770.N1	16-MAY-2008 15:53:12	Twi_and_stray	39.500	54	5The Cen	2.0550	4500.0	79	32473	No
210	GOM_NL__2PRFIN20080516_155826_000000382068_00355_32473_0771.N1	16-MAY-2008 15:58:26	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	32473	No
211	GOM_NL__2PRFIN20080516_160036_000000382068_00355_32473_0772.N1	16-MAY-2008 16:00:36	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	32473	No
212	GOM_NL__2PRFIN20080516_160702_000000352068_00355_32473_0773.N1	16-MAY-2008 16:07:02	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	32473	No
213	GOM_NL__2PRFIN20080516_160832_000000352068_00355_32473_0774.N1	16-MAY-2008 16:08:32	Bright	34.500	111	8Eta Boo	2.6800	6000.0	69	32473	No
214	GOM_NL__2PRFIN20080516_161417_000000372068_00355_32473_0775.N1	16-MAY-2008 16:14:17	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	32473	No
215	GOM_NL__2PRFIN20080516_161714_000000362068_00355_32473_0776.N1	16-MAY-2008 16:17:14	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	32473	No
216	GOM_NL__2PRFIN20080516_161851_000000352068_00355_32473_0777.N1	16-MAY-2008 16:18:51	Bright	35.000	55	79Zet UMa	2.0600	10200.	70	32473	No
217	GOM_NL__2PRFIN20080516_162430_000000362068_00355_32473_0778.N1	16-MAY-2008 16:24:30	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	32473	No
218	GOM_NL__2PRFIN20080516_162855_000000362068_00355_32473_0779.N1	16-MAY-2008 16:28:55	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32473	No
219	GOM_NL__2PRFIN20080516_163707_000000332068_00355_32473_0780.N1	16-MAY-2008 16:37:07	Bright	33.000	76	27Gam Cas	2.3000	30000.	66	32473	No

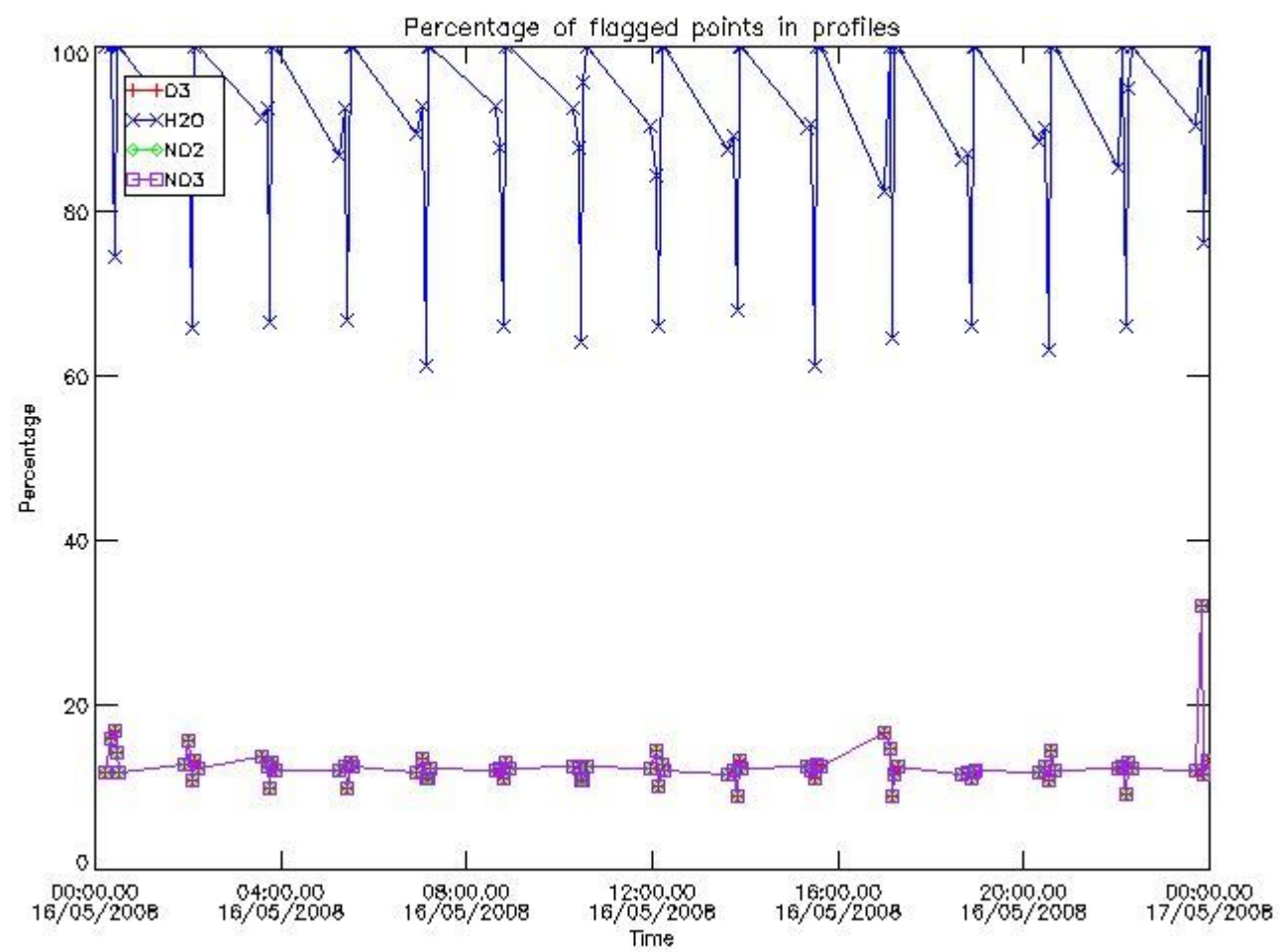
220	GOM_NL__2PRFIN20080516_163820_000000352068_00355_32473_0781.N1	16-MAY-2008 16:38:20	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	32473	No
221	GOM_NL__2PRFIN20080516_165941_000000432068_00355_32473_0782.N1	16-MAY-2008 16:59:41	Dark	43.000	52	16Bet Cet	2.0370	4500.0	86	32473	No
222	GOM_NL__2PRFIN20080516_170630_000000382068_00355_32473_0783.N1	16-MAY-2008 17:06:30	Dark	38.000	84	Alp Phe	2.3970	4500.0	76	32473	No
223	GOM_NL__2PRFIN20080516_171039_000000572068_00355_32473_0784.N1	16-MAY-2008 17:10:39	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	32473	No
224	GOM_NL__2PRFIN20080516_171351_000000442068_00356_32474_0773.N1	16-MAY-2008 17:13:51	Dark	44.000	148	Alp Tuc	2.8780	4100.0	88	32474	No
225	GOM_NL__2PRFIN20080516_171742_000000412068_00356_32474_0774.N1	16-MAY-2008 17:17:42	Dark	41.000	45	Alp Pav	1.9400	26000.	82	32474	No
226	GOM_NL__2PRFIN20080516_172257_000000382068_00356_32474_0775.N1	16-MAY-2008 17:22:57	Straylight	37.500	43	Alp TrA	1.9100	4250.0	75	32474	No
227	GOM_NL__2PRFIN20080516_172507_000000372068_00356_32474_0776.N1	16-MAY-2008 17:25:07	Straylight	36.500	134	Bet TrA	2.8100	6600.0	73	32474	No
228	GOM_NL__2PRFIN20080516_172647_000000432068_00356_32474_0777.N1	16-MAY-2008 17:26:47	Straylight	43.000	4	Alp1Cen	-0.010000	5800.0	86	32474	No
229	GOM_NL__2PRFIN20080516_173023_000000372068_00356_32474_0778.N1	16-MAY-2008 17:30:23	Straylight	37.000	78	Alp Lup	2.3040	28000.	74	32474	No
230	GOM_NL__2PRFIN20080516_173153_000000382068_00356_32474_0779.N1	16-MAY-2008 17:31:53	Tw_i_and_stray	38.000	81	Eta Cen	2.3560	28000.	76	32474	No
231	GOM_NL__2PRFIN20080516_173348_000000432068_00356_32474_0780.N1	16-MAY-2008 17:33:48	Tw_i_and_stray	43.000	54	5The Cen	2.0550	4500.0	86	32474	No
232	GOM_NL__2PRFIN20080516_173903_000000382068_00356_32474_0781.N1	16-MAY-2008 17:39:03	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	32474	No
233	GOM_NL__2PRFIN20080516_174113_000000392068_00356_32474_0782.N1	16-MAY-2008 17:41:13	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	32474	No
234	GOM_NL__2PRFIN20080516_174908_000000352068_00356_32474_0783.N1	16-MAY-2008 17:49:08	Bright	34.500	111	8Eta Boo	2.6800	6000.0	69	32474	No
235	GOM_NL__2PRFIN20080516_175453_000000382068_00356_32474_0784.N1	16-MAY-2008 17:54:53	Bright	38.000	180	27Gam Boo	3.0400	8000.0	76	32474	No
236	GOM_NL__2PRFIN20080516_175750_000000352068_00356_32474_0785.N1	16-MAY-2008 17:57:50	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	32474	No
237	GOM_NL__2PRFIN20080516_175927_000000362068_00356_32474_0786.N1	16-MAY-2008 17:59:27	Bright	35.500	55	79Zet UMa	2.0600	10200.	71	32474	No
238	GOM_NL__2PRFIN20080516_180506_000000382068_00356_32474_0787.N1	16-MAY-2008 18:05:06	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32474	No
239	GOM_NL__2PRFIN20080516_180931_000000362068_00356_32474_0788.N1	16-MAY-2008 18:09:31	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32474	No
240	GOM_NL__2PRFIN20080516_181743_000000332068_00356_32474_0789.N1	16-MAY-2008 18:17:43	Bright	33.000	76	27Gam Cas	2.3000	30000.	66	32474	No
241	GOM_NL__2PRFIN20080516_181856_000000342068_00356_32474_0790.N1	16-MAY-2008 18:18:56	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	32474	No
242	GOM_NL__2PRFIN20080516_184018_000000452068_00356_32474_0791.N1	16-MAY-2008 18:40:18	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	32474	No
243	GOM_NL__2PRFIN20080516_184706_000000432068_00356_32474_0792.N1	16-MAY-2008 18:47:06	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	32474	No
244	GOM_NL__2PRFIN20080516_185116_000000462068_00356_32474_0793.N1	16-MAY-2008 18:51:16	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	32474	No
245	GOM_NL__2PRFIN20080516_185428_000000442068_00357_32475_0796.N1	16-MAY-2008 18:54:28	Dark	43.500	148	Alp Tuc	2.8780	4100.0	87	32475	No
246	GOM_NL__2PRFIN20080516_185819_000000432068_00357_32475_0797.N1	16-MAY-2008 18:58:19	Dark	42.500	45	Alp Pav	1.9400	26000.	85	32475	No
247	GOM_NL__2PRFIN20080516_190333_000000392068_00357_32475_0798.N1	16-MAY-2008 19:03:33	Straylight	39.000	43	Alp TrA	1.9100	4250.0	78	32475	No
248	GOM_NL__2PRFIN20080516_190543_000000382068_00357_32475_0799.N1	16-MAY-2008 19:05:43	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	32475	No
249	GOM_NL__2PRFIN20080516_190723_000000442068_00357_32475_0800.N1	16-MAY-2008 19:07:23	Straylight	44.000	4	Alp1Cen	-0.010000	5800.0	88	32475	No
250	GOM_NL__2PRFIN20080516_191059_000000382068_00357_32475_0801.N1	16-MAY-2008 19:10:59	Straylight	37.500	78	Alp Lup	2.3040	28000.	75	32475	No
251	GOM_NL__2PRFIN20080516_191229_000000392068_00357_32475_0802.N1	16-MAY-2008 19:12:29	Tw_i_and_stray	39.000	81	Eta Cen	2.3560	28000.	78	32475	No
252	GOM_NL__2PRFIN20080516_191424_000000422068_00357_32475_0803.N1	16-MAY-2008 19:14:24	Tw_i_and_stray	42.000	54	5The Cen	2.0550	4500.0	84	32475	No
253	GOM_NL__2PRFIN20080516_191939_000000382068_00357_32475_0804.N1	16-MAY-2008 19:19:39	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	32475	No
254	GOM_NL__2PRFIN20080516_192149_000000382068_00357_32475_0805.N1	16-MAY-2008 19:21:49	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	32475	No
255	GOM_NL__2PRFIN20080516_192944_000000352068_00357_32475_0806.N1	16-MAY-2008 19:29:44	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	32475	No
256	GOM_NL__2PRFIN20080516_193529_000000362068_00357_32475_0807.N1	16-MAY-2008 19:35:29	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	32475	No
257	GOM_NL__2PRFIN20080516_193826_000000342068_00357_32475_0808.N1	16-MAY-2008 19:38:26	Bright	33.500	39	85Eta UMa	1.8540	24000.	67	32475	No
258	GOM_NL__2PRFIN20080516_194003_000000352068_00357_32475_0809.N1	16-MAY-2008 19:40:03	Bright	35.000	55	79Zet UMa	2.0600	10200.	70	32475	No
259	GOM_NL__2PRFIN20080516_194542_000000382068_00357_32475_0810.N1	16-MAY-2008 19:45:42	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32475	No
260	GOM_NL__2PRFIN20080516_195007_000000362068_00357_32475_0811.N1	16-MAY-2008 19:50:07	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32475	No
261	GOM_NL__2PRFIN20080516_195819_000000352068_00357_32475_0812.N1	16-MAY-2008 19:58:19	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	32475	No
262	GOM_NL__2PRFIN20080516_195932_000000372068_00357_32475_0813.N1	16-MAY-2008 19:59:32	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	32475	No
263	GOM_NL__2PRFIN20080516_202054_000000442068_00357_32475_0814.N1	16-MAY-2008 20:20:54	Dark	43.500	52	16Bet Cet	2.0370	4500.0	87	32475	No
264	GOM_NL__2PRFIN20080516_202742_000000412068_00357_32475_0815.N1	16-MAY-2008 20:27:42	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	32475	No
265	GOM_NL__2PRFIN20080516_203152_000000472068_00357_32475_0816.N1	16-MAY-2008 20:31:52	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	32475	No
266	GOM_NL__2PRFIN20080516_203504_000000392068_00358_32476_0813.N1	16-MAY-2008 20:35:04	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	32476	No
267	GOM_NL__2PRFIN20080516_203855_000000432068_00358_32476_0814.N1	16-MAY-2008 20:38:55	Dark	42.500	45	Alp Pav	1.9400	26000.	85	32476	No
268	GOM_NL__2PRFIN20080516_204409_000000382068_00358_32476_0815.N1	16-MAY-2008 20:44:09	Straylight	37.500	43	Alp TrA	1.9100	4250.0	75	32476	No
269	GOM_NL__2PRFIN20080516_204619_000000362068_00358_32476_0816.N1	16-MAY-2008 20:46:19	Straylight	36.000	134	Bet TrA	2.8100	6600.0	72	32476	No
270	GOM_NL__2PRFIN20080516_204759_000000492068_00358_32476_0817.N1	16-MAY-2008 20:47:59	Straylight	48.500	4	Alp1Cen	-0.010000	5800.0	97	32476	No
271	GOM_NL__2PRFIN20080516_205135_000000372068_00358_32476_0818.N1	16-MAY-2008 20:51:35	Straylight	37.000	78	Alp Lup	2.3040	28000.	74	32476	No
272	GOM_NL__2PRFIN20080516_205305_000000402068_00358_32476_0819.N1	16-MAY-2008 20:53:05	Tw_i_and_stray	39.500	81	Eta Cen	2.3560	28000.	79	32476	No
273	GOM_NL__2PRFIN20080516_205500_000000422068_00358_32476_0820.N1	16-MAY-2008 20:55:00	Tw_i_and_stray	42.000	54	5The Cen	2.0550	4500.0	84	32476	No
274	GOM_NL__2PRFIN20080516_210015_000000372068_00358_32476_0821.N1	16-MAY-2008 21:00:15	Bright	36.500	122	9Alp2Lib	2.7470	9700.0	73	32476	No
275	GOM_NL__2PRFIN20080516_210225_000000372068_00358_32476_0822.N1	16-MAY-2008 21:02:25	Bright	37.000	15	67Alp Vir	0.97600	28000.	74	32476	No
276	GOM_NL__2PRFIN20080516_211020_000000352068_00358_32476_0823.N1	16-MAY-2008 21:10:20	Bright	34.500	111	8Eta Boo	2.6800	6000.0	69	32476	No
277	GOM_NL__2PRFIN20080516_211605_000000382068_00358_32476_0824.N1	16-MAY-2008 21:16:05	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	32476	No
278	GOM_NL__2PRFIN20080516_211902_000000362068_00358_32476_0825.N1	16-MAY-2008 21:19:02	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32476	No

279	GOM_NL__2PRFIN20080516_212039_000000362068_00358_32476_0826.N1	16-MAY-2008 21:20:39	Bright	36.000	55	79Zet UMa	2.0600	10200.	72	32476	No
280	GOM_NL__2PRFIN20080516_212618_000000392068_00358_32476_0827.N1	16-MAY-2008 21:26:18	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	32476	No
281	GOM_NL__2PRFIN20080516_213043_000000352068_00358_32476_0828.N1	16-MAY-2008 21:30:43	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32476	No
282	GOM_NL__2PRFIN20080516_213854_000000392068_00358_32476_0829.N1	16-MAY-2008 21:38:54	Bright	38.500	76	27Gam Cas	2.3000	30000.	77	32476	No
283	GOM_NL__2PRFIN20080516_214008_000000382068_00358_32476_0830.N1	16-MAY-2008 21:40:08	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	32476	No
284	GOM_NL__2PRFIN20080516_220130_000000422068_00358_32476_0831.N1	16-MAY-2008 22:01:30	Dark	41.500	52	16Bet Cet	2.0370	4500.0	83	32476	No
285	GOM_NL__2PRFIN20080516_220818_000000412068_00358_32476_0832.N1	16-MAY-2008 22:08:18	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	32476	No
286	GOM_NL__2PRFIN20080516_221229_000000552068_00358_32476_0833.N1	16-MAY-2008 22:12:29	Dark	55.000	63	Bet Gru	2.1500	2800.0	110	32476	No
287	GOM_NL__2PRFIN20080516_221541_000000402068_00359_32477_0829.N1	16-MAY-2008 22:15:41	Dark	39.500	148	Alp Tuc	2.8780	4100.0	79	32477	No
288	GOM_NL__2PRFIN20080516_221932_000000422068_00359_32477_0830.N1	16-MAY-2008 22:19:32	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32477	No
289	GOM_NL__2PRFIN20080516_222445_000000382068_00359_32477_0831.N1	16-MAY-2008 22:24:45	Straylight	38.000	43	Alp TrA	1.9100	4250.0	76	32477	No
290	GOM_NL__2PRFIN20080516_222655_000000372068_00359_32477_0832.N1	16-MAY-2008 22:26:55	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	32477	No
291	GOM_NL__2PRFIN20080516_222835_000000502068_00359_32477_0833.N1	16-MAY-2008 22:28:35	Straylight	50.000	4	Alp1Cen	-0.010000	5800.0	100	32477	No
292	GOM_NL__2PRFIN20080516_223211_000000402068_00359_32477_0834.N1	16-MAY-2008 22:32:11	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	32477	No
293	GOM_NL__2PRFIN20080516_223341_000000392068_00359_32477_0835.N1	16-MAY-2008 22:33:41	Twilight_stray	39.000	81	Eta Cen	2.3560	28000.	78	32477	No
294	GOM_NL__2PRFIN20080516_223536_000000432068_00359_32477_0836.N1	16-MAY-2008 22:35:36	Twilight_stray	42.500	54	5The Cen	2.0550	4500.0	85	32477	No
295	GOM_NL__2PRFIN20080516_224051_000000372068_00359_32477_0837.N1	16-MAY-2008 22:40:51	Bright	36.500	122	9Alp2Lib	2.7470	9700.0	73	32477	No
296	GOM_NL__2PRFIN20080516_224301_000000372068_00359_32477_0838.N1	16-MAY-2008 22:43:01	Bright	37.000	15	67Alp Vir	0.97600	28000.	74	32477	No
297	GOM_NL__2PRFIN20080516_225056_000000352068_00359_32477_0839.N1	16-MAY-2008 22:50:56	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	32477	No
298	GOM_NL__2PRFIN20080516_225640_000000362068_00359_32477_0840.N1	16-MAY-2008 22:56:40	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	32477	No
299	GOM_NL__2PRFIN20080516_225938_000000362068_00359_32477_0841.N1	16-MAY-2008 22:59:38	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32477	No
300	GOM_NL__2PRFIN20080516_230115_000000332068_00359_32477_0842.N1	16-MAY-2008 23:01:15	Bright	33.000	55	79Zet UMa	2.0600	10200.	66	32477	No
301	GOM_NL__2PRFIN20080516_230653_000000372068_00359_32477_0843.N1	16-MAY-2008 23:06:53	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32477	No
302	GOM_NL__2PRFIN20080516_231118_000000352068_00359_32477_0844.N1	16-MAY-2008 23:11:18	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32477	No
303	GOM_NL__2PRFIN20080516_231930_000000392068_00359_32477_0845.N1	16-MAY-2008 23:19:30	Bright	38.500	76	27Gam Cas	2.3000	30000.	77	32477	No
304	GOM_NL__2PRFIN20080516_232044_000000372068_00359_32477_0846.N1	16-MAY-2008 23:20:44	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	32477	No
305	GOM_NL__2PRFIN20080516_234206_000000422068_00359_32477_0847.N1	16-MAY-2008 23:42:06	Dark	42.000	52	16Bet Cet	2.0370	4500.0	84	32477	No
306	GOM_NL__2PRFIN20080516_234855_000000402068_00359_32477_0848.N1	16-MAY-2008 23:48:55	Dark	39.500	84	Alp Phe	2.3970	4500.0	79	32477	No
307	GOM_NL__2PRFIN20080516_235305_000000452068_00359_32477_0849.N1	16-MAY-2008 23:53:05	Dark	44.500	63	Bet Gru	2.1500	2800.0	89	32477	No
308	GOM_NL__2PRFIN20080516_235617_000000392068_00360_32478_0843.N1	16-MAY-2008 23:56:17	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32478	No

3. Quality information per product

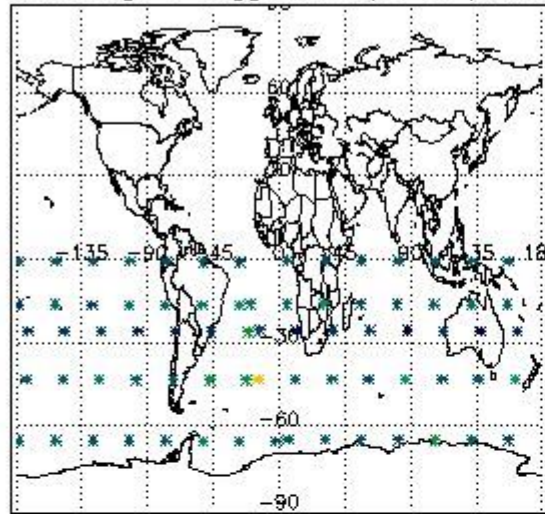
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

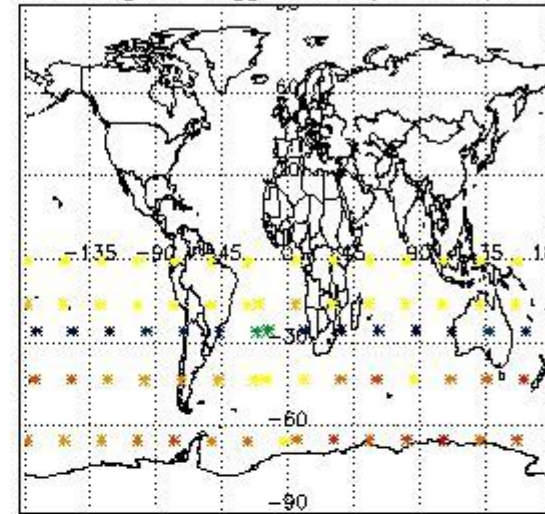


3.2 Plot quality information per product (world map)

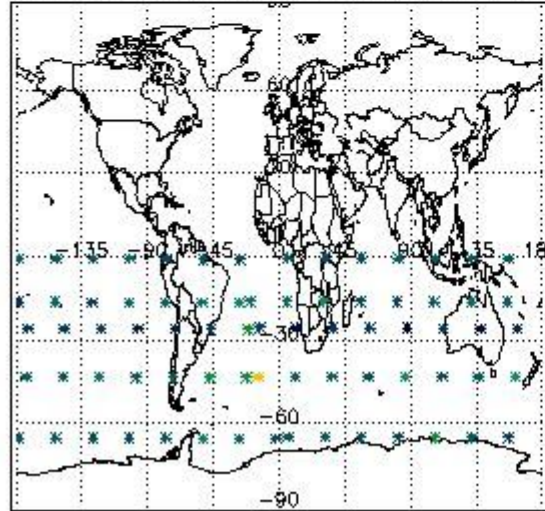
Percentage of flagged data per O3 profile



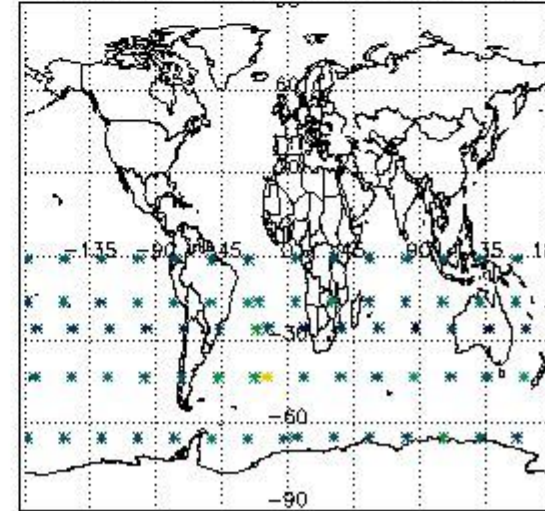
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

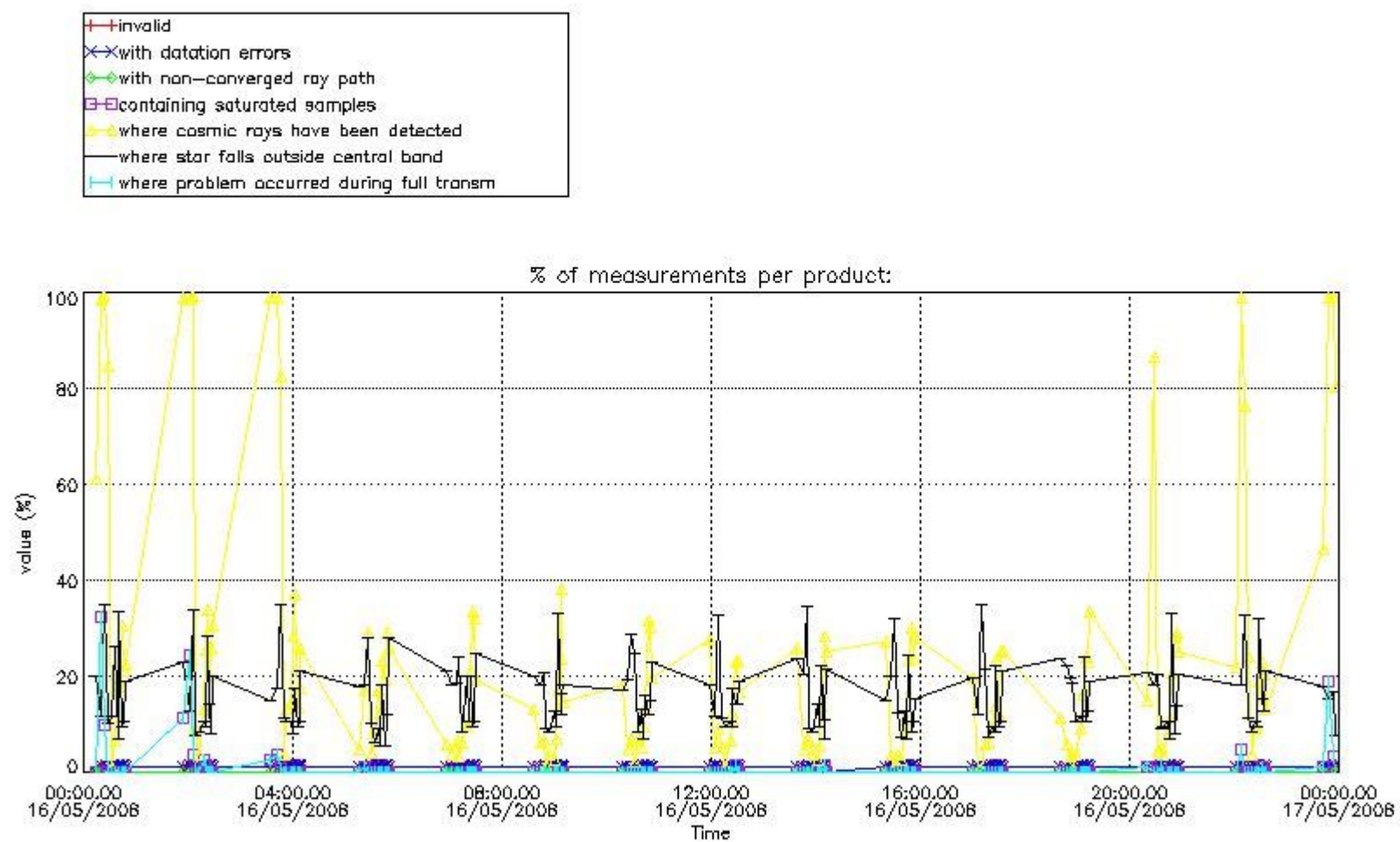


4. Level 1 quality information per product

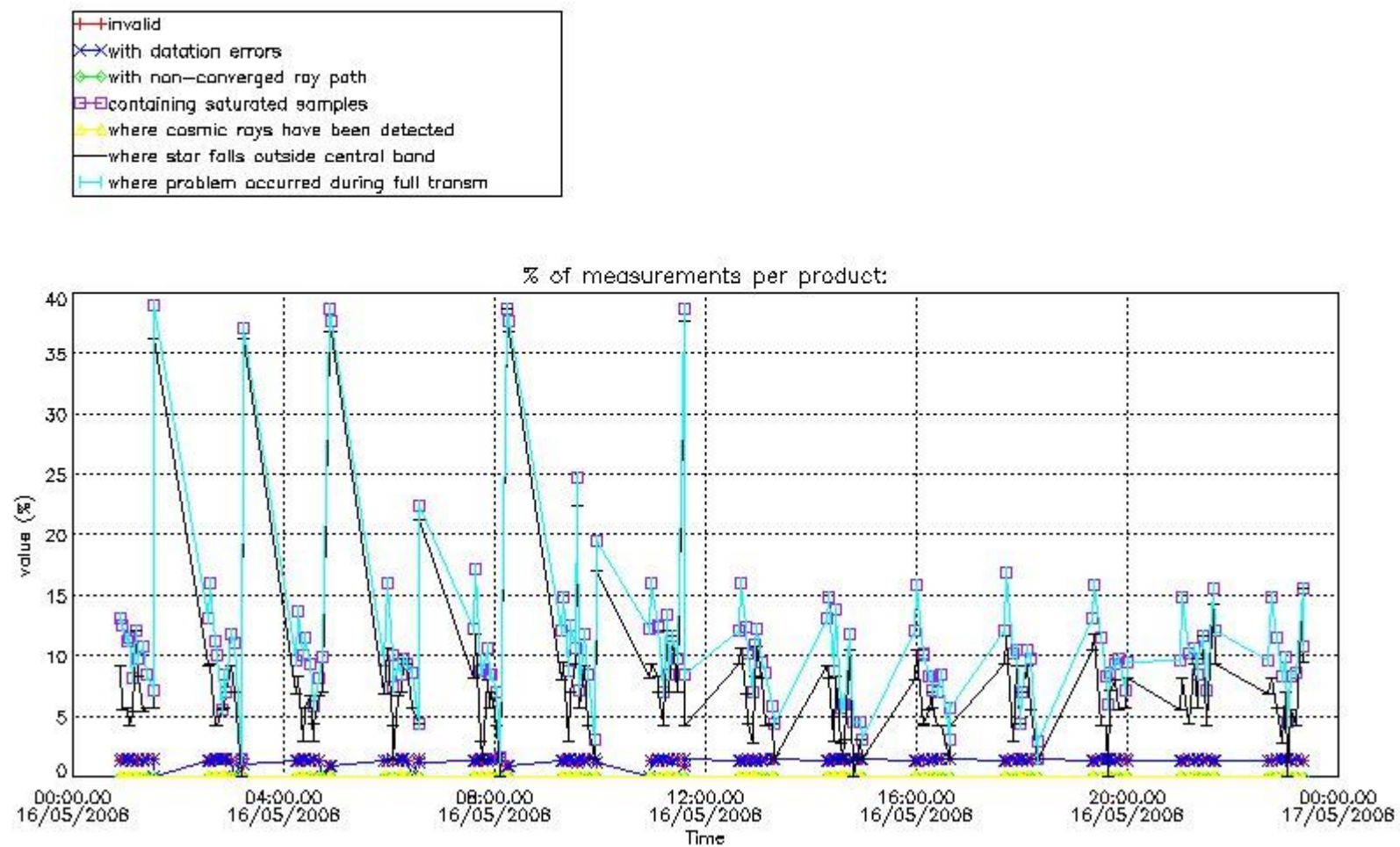
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



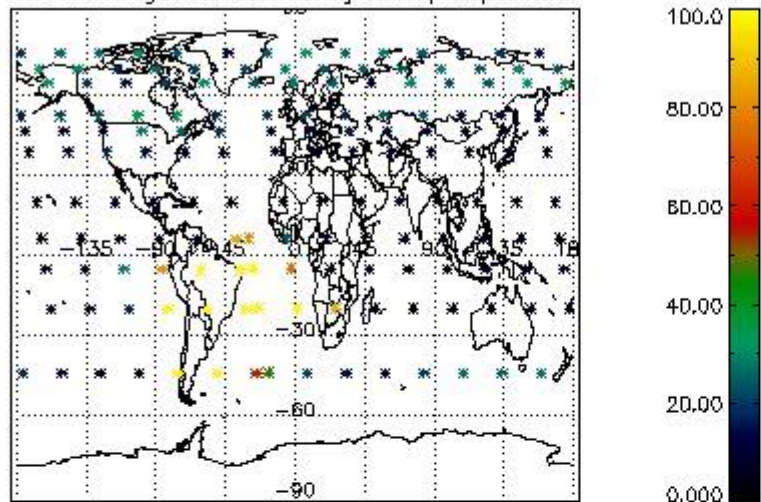
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



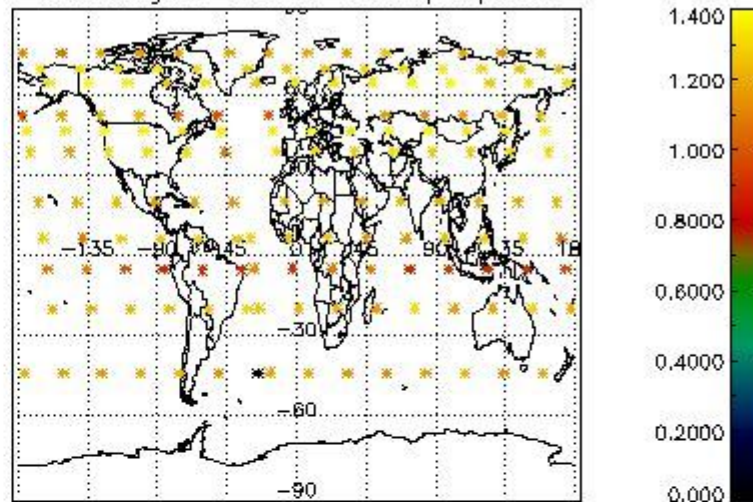
4.2 Plot quality information per product coming from level 1b processing (world map)

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

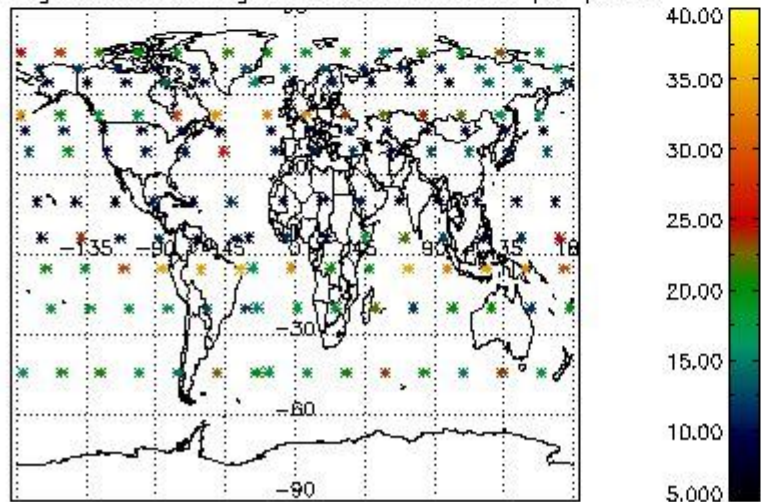
Percentage of cosmic ray hits per profile



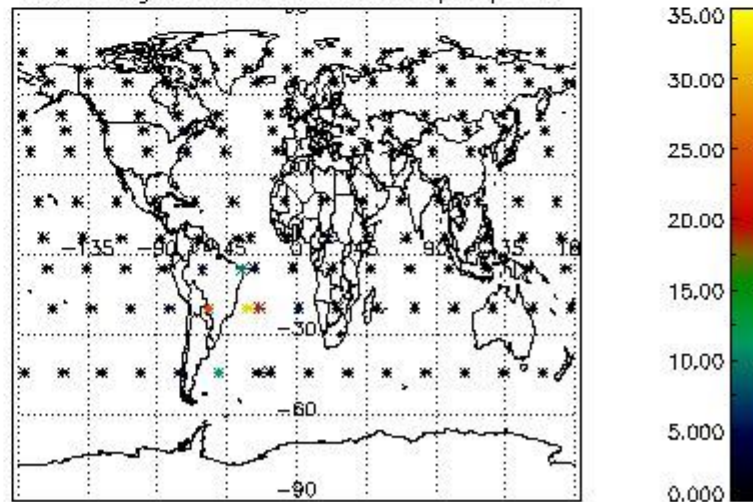
Percentage of datation errors per profile



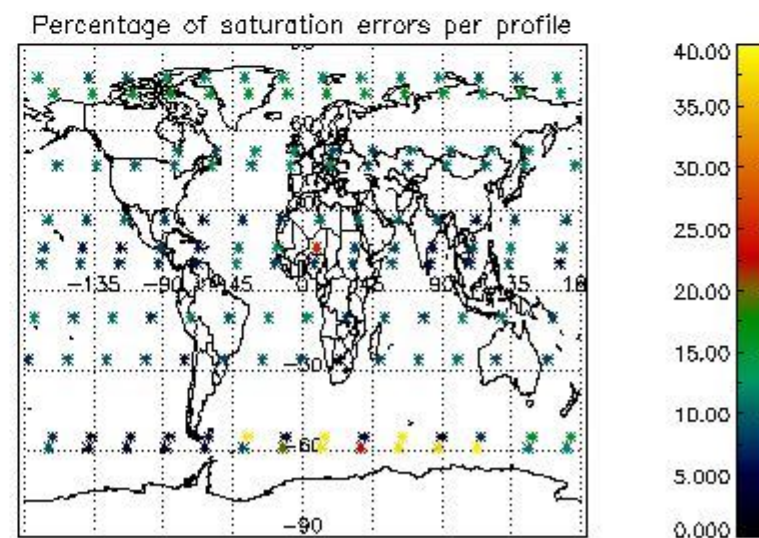
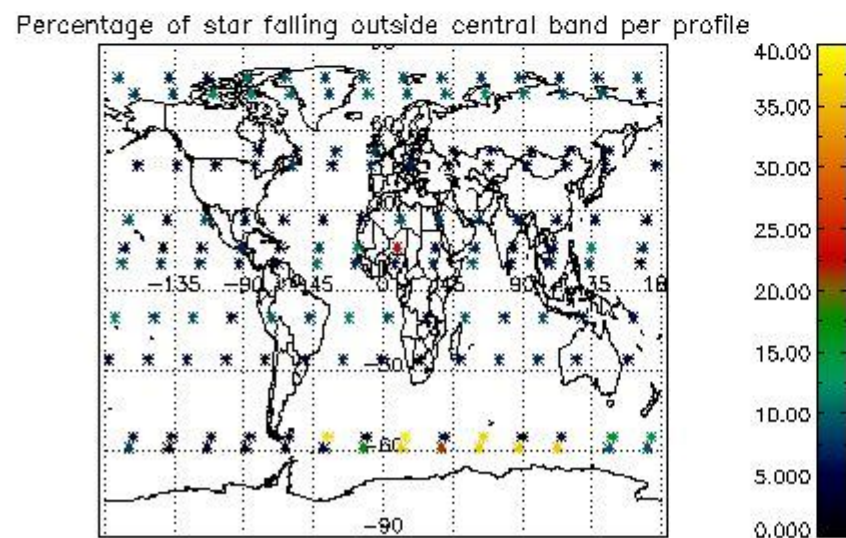
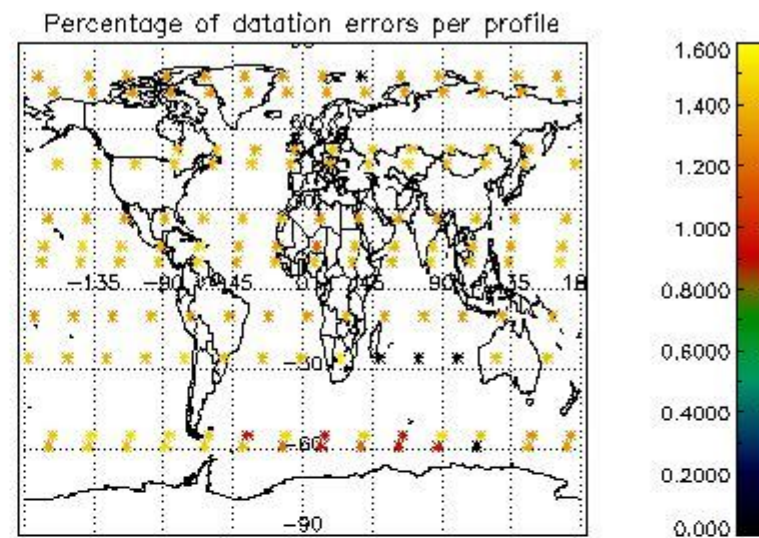
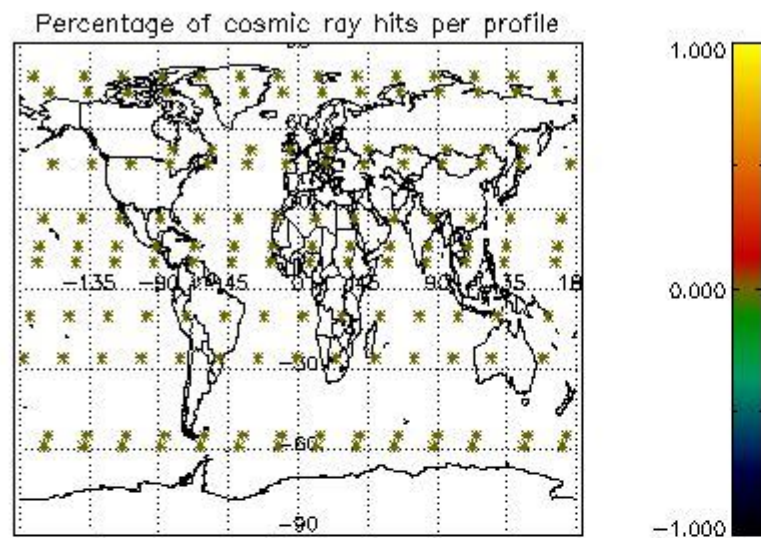
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

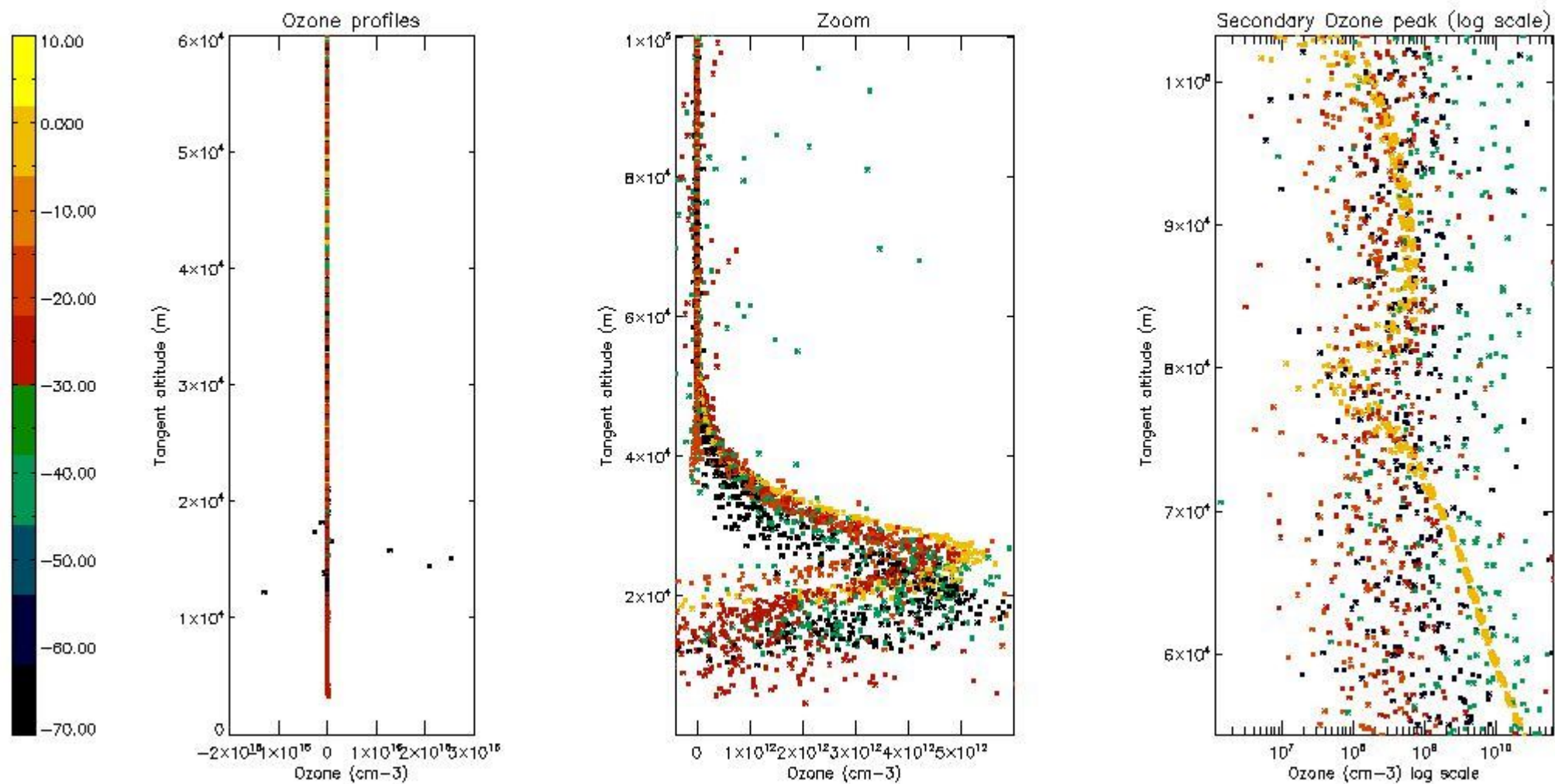
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	9

STD < 10	5
STD < 5	3

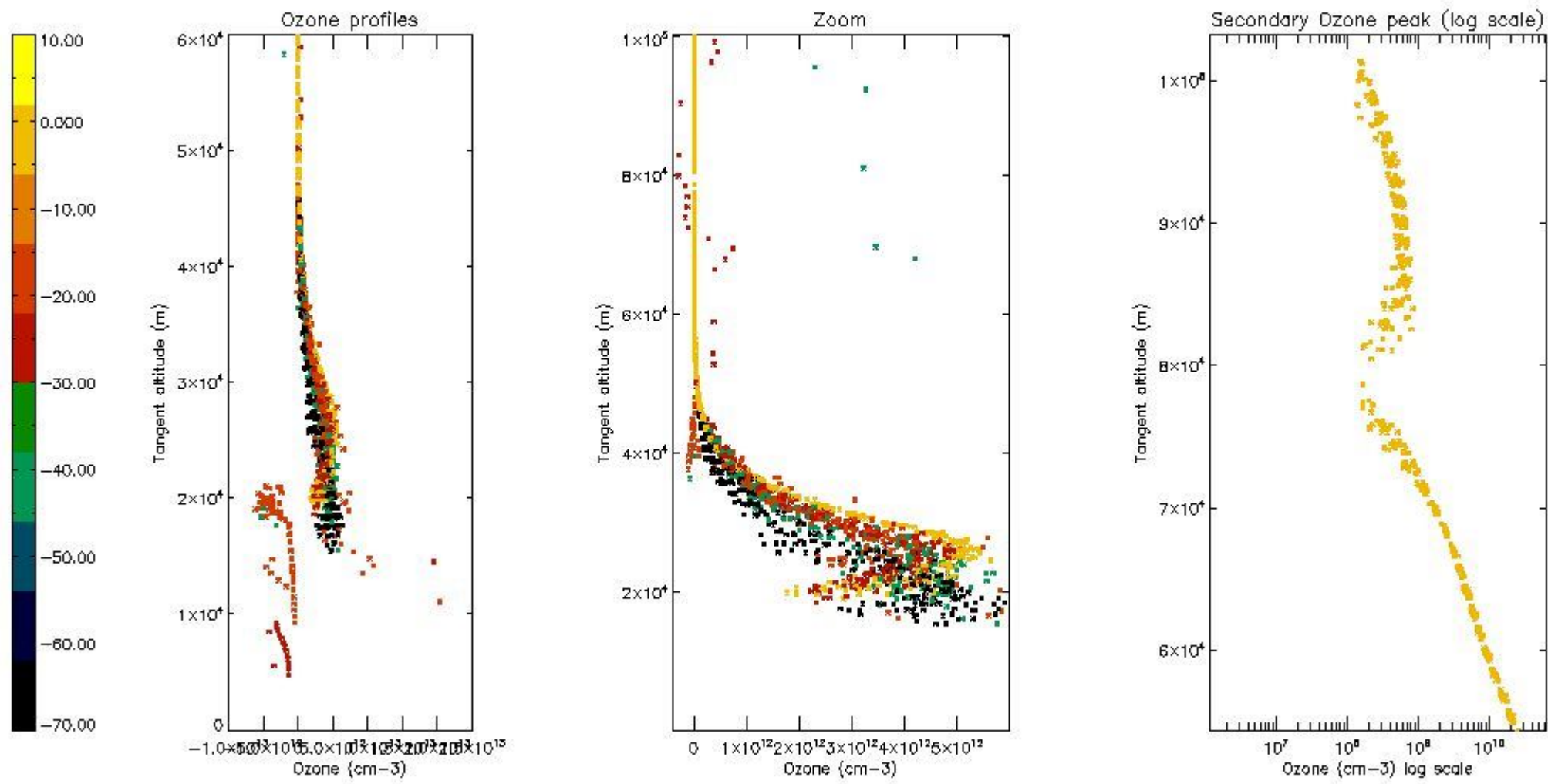
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



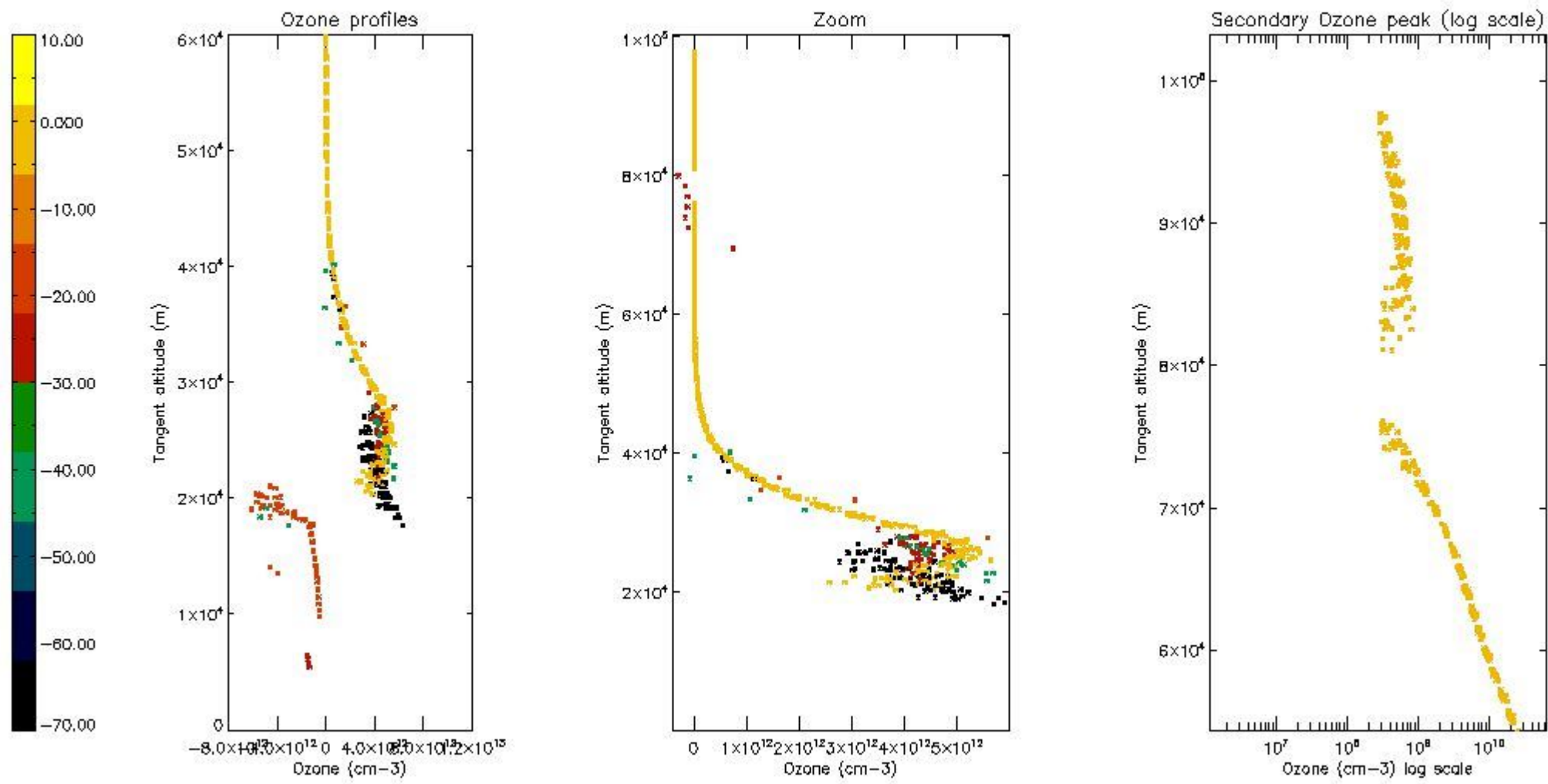
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



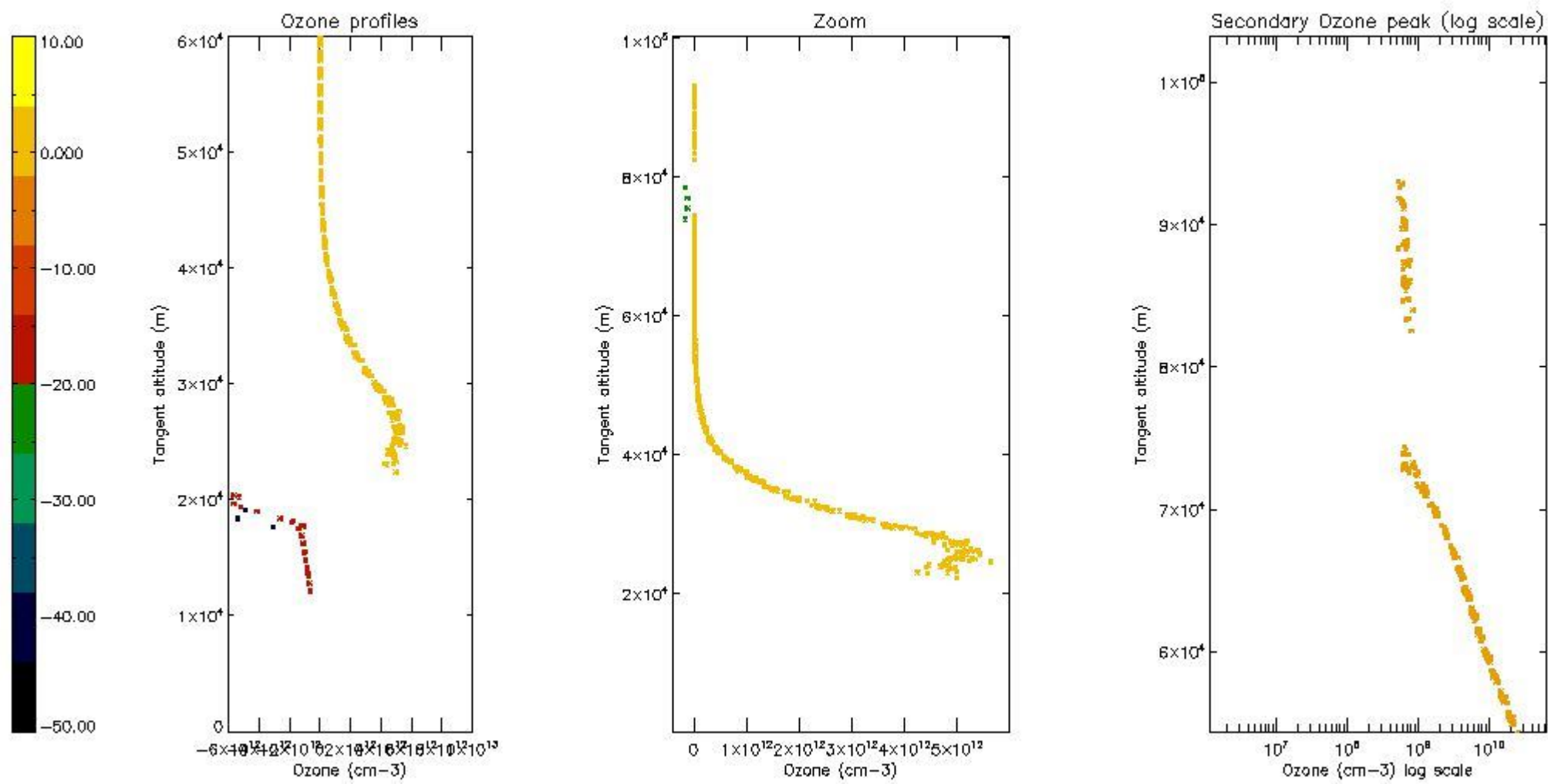
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



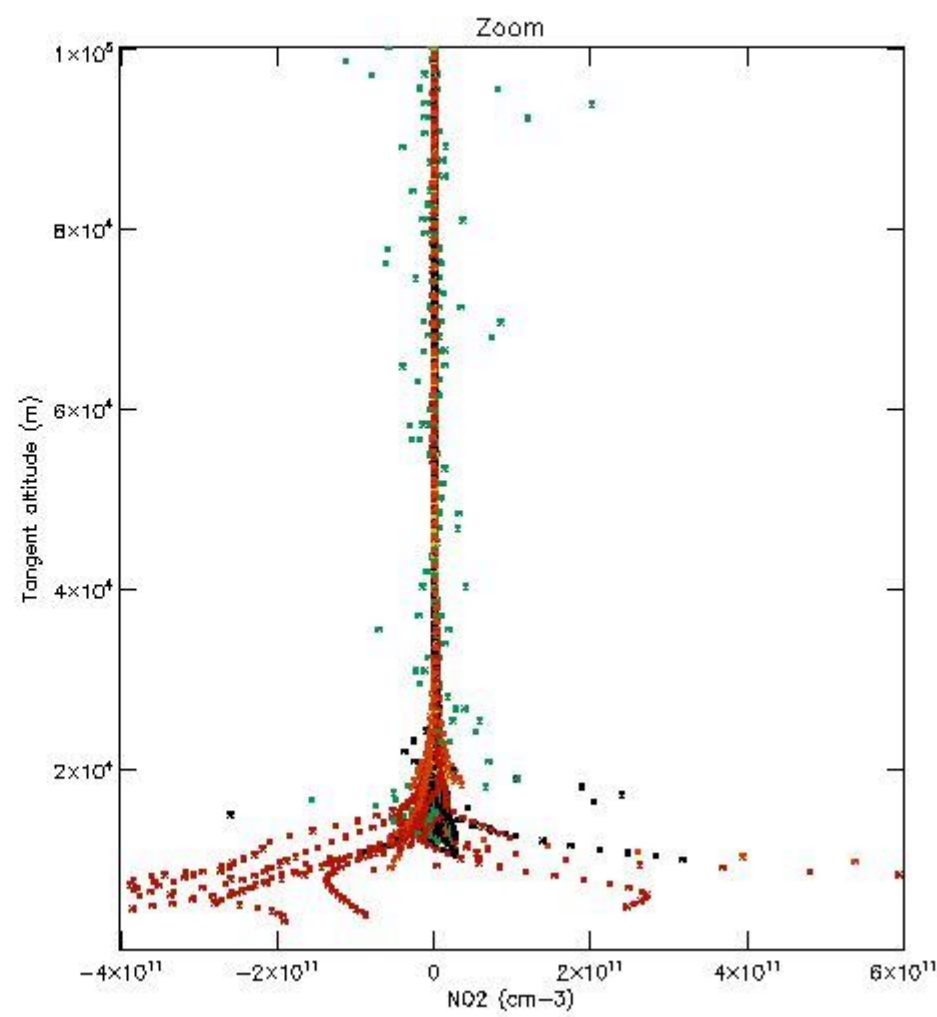
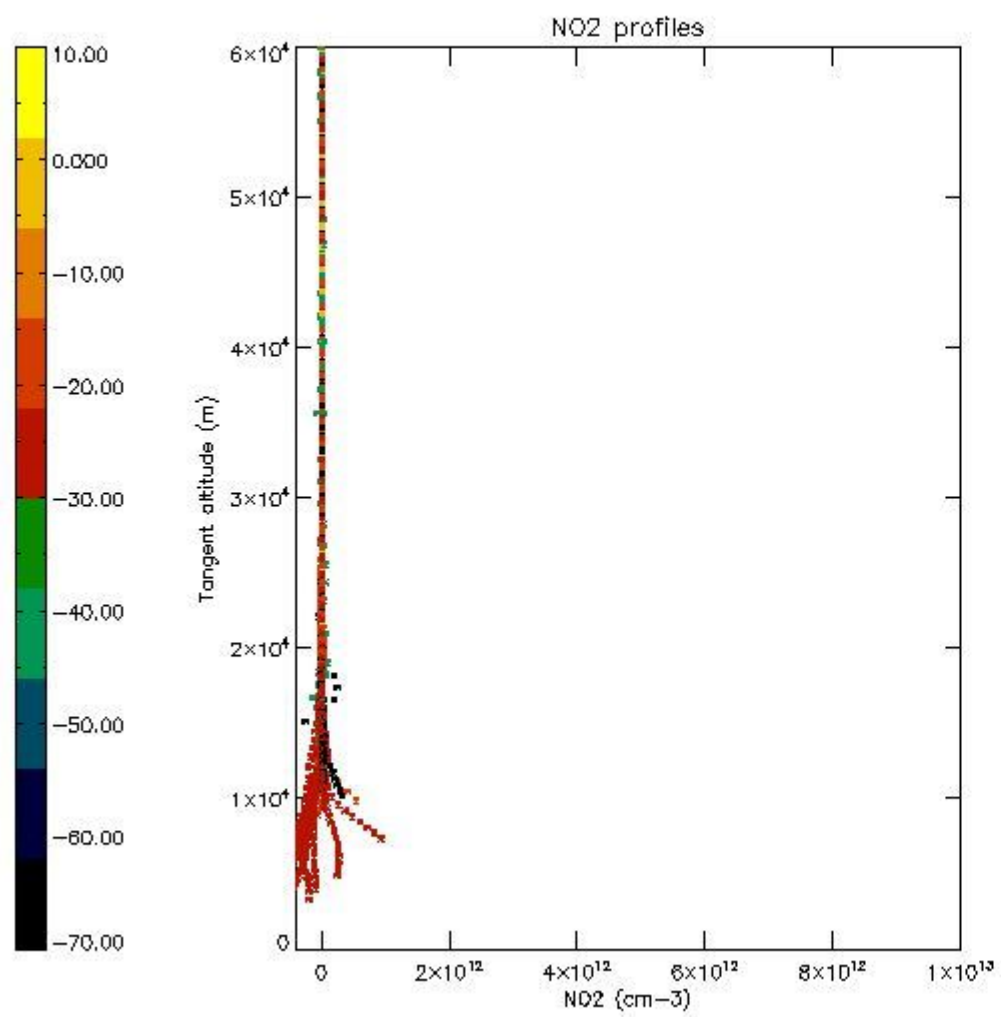
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



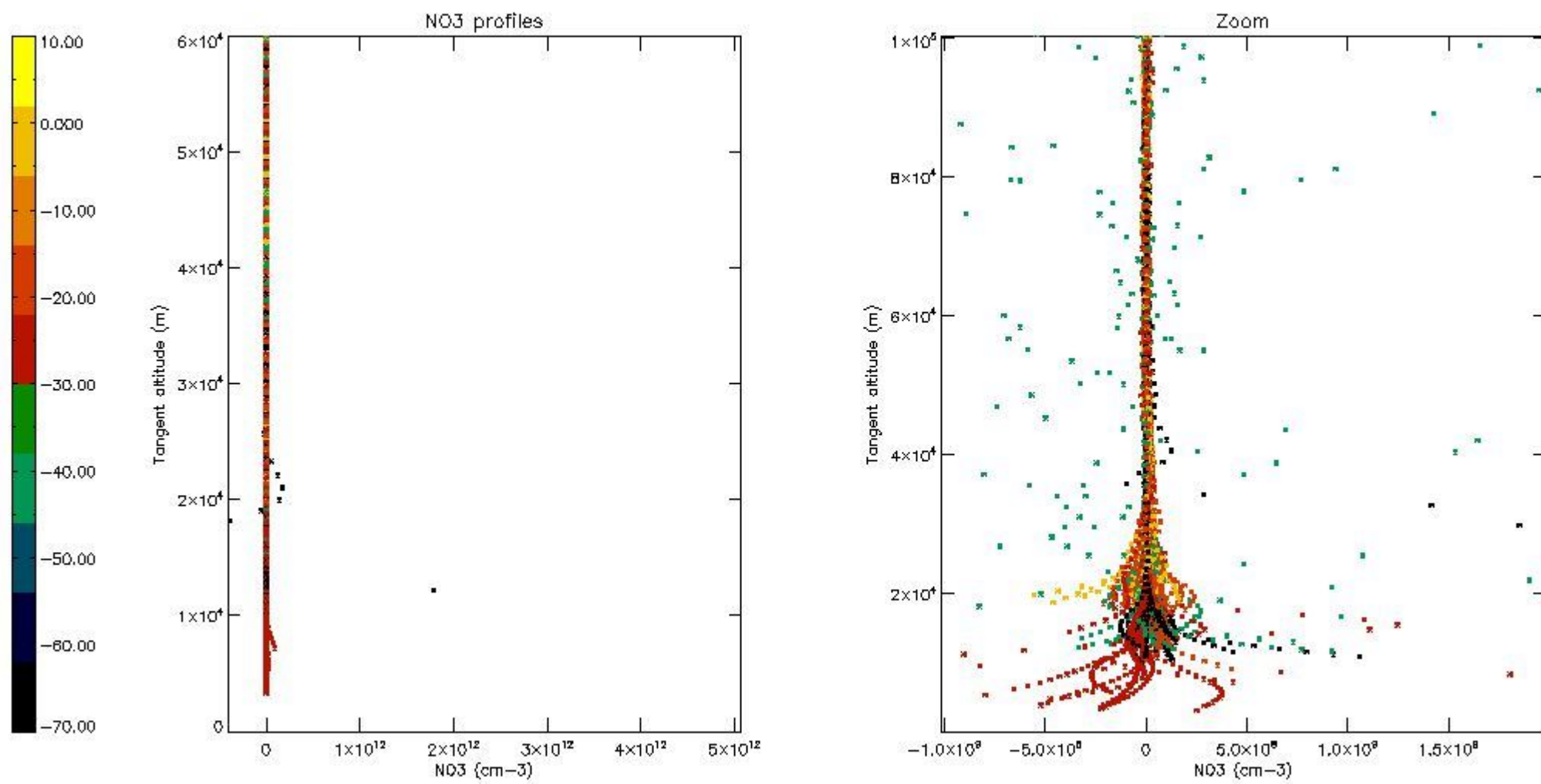
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



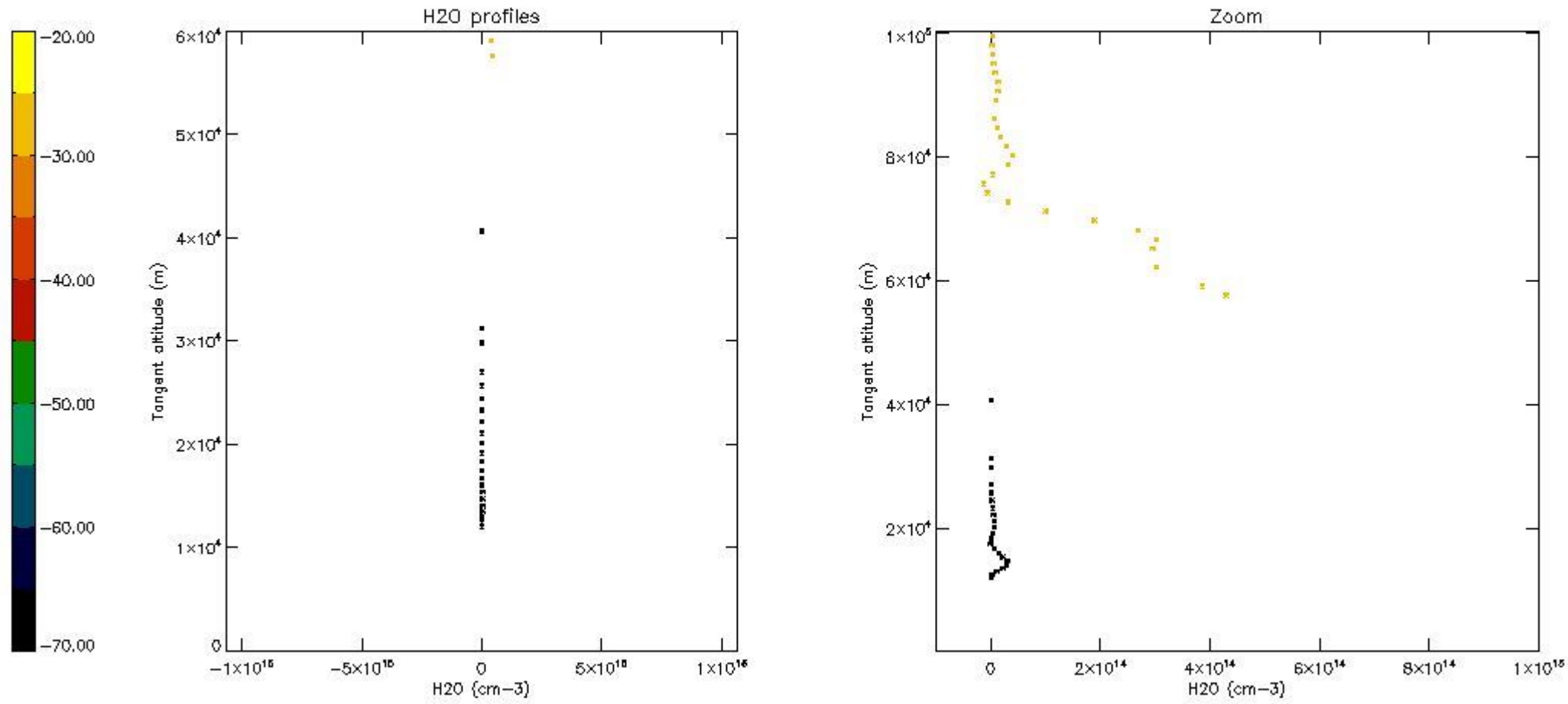
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	16-MAY-2008 00:13:39
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	16-MAY-2008 00:13:39
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	16-MAY-2008 00:13:39

GOMOS Level 2 Daily Report

SUMMARY

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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 \(world map\)](#)

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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 \(dark without errors\)](#)

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[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	25APR2013 14:17:48
Data source version	GOMOS/6.01
Start time of products	16-05-2008 (16MAY2008 00:00:00)
Stop time of products	17-05-2008 (17MAY2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	308
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

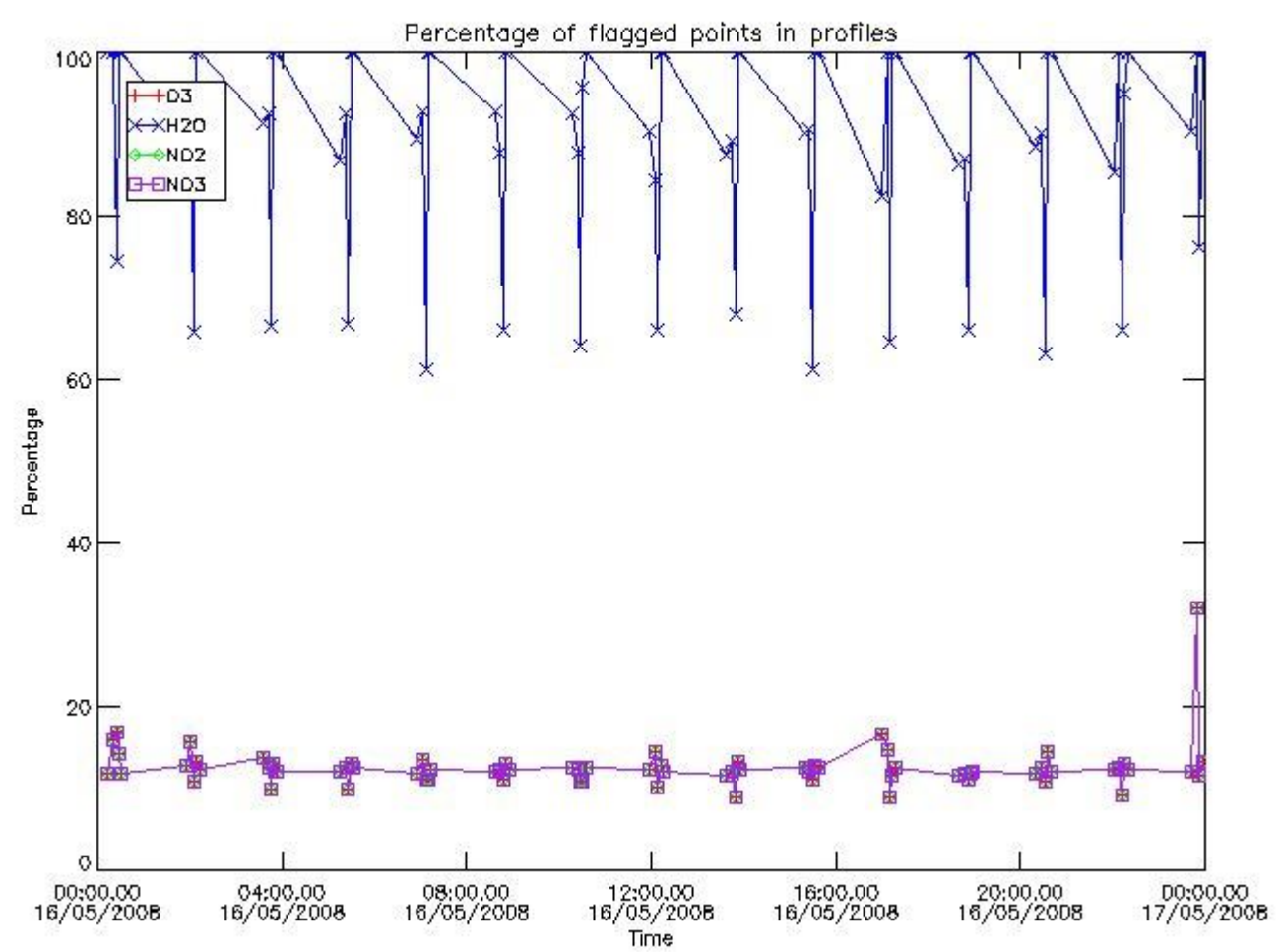
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20080516_001339_000000432068_00345_32463_0513.N1	16-MAY-2008 00:13:39	Dark	42.500	52	16Bet Cet	2.0370	4500.0	85	32463	No
2	GOM_NL__2PRFIN20080516_002027_000000392068_00345_32463_0514.N1	16-MAY-2008 00:20:27	Dark	38.500	84	Alp Phe	2.3970	4500.0	77	32463	No
3	GOM_NL__2PRFIN20080516_002433_000000572068_00345_32463_0515.N1	16-MAY-2008 00:24:33	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	32463	No
4	GOM_NL__2PRFIN20080516_002747_000000402068_00346_32464_0619.N1	16-MAY-2008 00:27:47	Dark	39.500	148	Alp Tuc	2.8780	4100.0	79	32464	No
5	GOM_NL__2PRFIN20080516_003135_000000442068_00346_32464_0620.N1	16-MAY-2008 00:31:35	Dark	43.500	45	Alp Pav	1.9400	26000.	87	32464	No
6	GOM_NL__2PRFIN20080516_003654_000000462068_00346_32464_0621.N1	16-MAY-2008 00:36:54	Straylight	46.000	43	Alp TrA	1.9100	4250.0	92	32464	No
7	GOM_NL__2PRFIN20080516_003905_000000372068_00346_32464_0622.N1	16-MAY-2008 00:39:05	Straylight	36.500	134	Bet TrA	2.8100	6600.0	73	32464	No
8	GOM_NL__2PRFIN20080516_004046_000000512068_00346_32464_0623.N1	16-MAY-2008 00:40:46	Straylight	51.000	4	Alp1Cen	-0.010000	5800.0	102	32464	No
9	GOM_NL__2PRFIN20080516_004421_000000382068_00346_32464_0624.N1	16-MAY-2008 00:44:21	Straylight	37.500	78	Alp Lup	2.3040	28000.	75	32464	No
10	GOM_NL__2PRFIN20080516_004551_000000382068_00346_32464_0625.N1	16-MAY-2008 00:45:51	Tw_i_and_stray	38.000	81	Eta Cen	2.3560	28000.	76	32464	No
11	GOM_NL__2PRFIN20080516_004746_000000422068_00346_32464_0626.N1	16-MAY-2008 00:47:46	Tw_i_and_stray	42.000	54	5The Cen	2.0550	4500.0	84	32464	No
12	GOM_NL__2PRFIN20080516_005302_000000382068_00346_32464_0627.N1	16-MAY-2008 00:53:02	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	32464	No
13	GOM_NL__2PRFIN20080516_005511_000000362068_00346_32464_0628.N1	16-MAY-2008 00:55:11	Bright	36.000	15	67Alp Vir	0.97600	28000.	72	32464	No
14	GOM_NL__2PRFIN20080516_010136_000000362068_00346_32464_0629.N1	16-MAY-2008 01:01:36	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	32464	No
15	GOM_NL__2PRFIN20080516_010308_000000352068_00346_32464_0630.N1	16-MAY-2008 01:03:08	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	32464	No
16	GOM_NL__2PRFIN20080516_010855_000000372068_00346_32464_0631.N1	16-MAY-2008 01:08:55	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	32464	No
17	GOM_NL__2PRFIN20080516_011150_000000382068_00346_32464_0632.N1	16-MAY-2008 01:11:50	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	32464	No
18	GOM_NL__2PRFIN20080516_011327_000000362068_00346_32464_0633.N1	16-MAY-2008 01:13:27	Bright	36.000	55	79Zet UMa	2.0600	10200.	72	32464	No
19	GOM_NL__2PRFIN20080516_011908_000000372068_00346_32464_0634.N1	16-MAY-2008 01:19:08	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32464	No
20	GOM_NL__2PRFIN20080516_012331_000000362068_00346_32464_0635.N1	16-MAY-2008 01:23:31	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32464	No
21	GOM_NL__2PRFIN20080516_013143_000000352068_00346_32464_0636.N1	16-MAY-2008 01:31:43	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	32464	No
22	GOM_NL__2PRFIN20080516_013257_000000532068_00346_32464_0637.N1	16-MAY-2008 01:32:57	Bright	52.500	68	18Alp Cas	2.2250	4500.0	105	32464	No
23	GOM_NL__2PRFIN20080516_015415_000000442068_00346_32464_0638.N1	16-MAY-2008 01:54:15	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	32464	No
24	GOM_NL__2PRFIN20080516_020103_000000392068_00346_32464_0639.N1	16-MAY-2008 02:01:03	Dark	39.000	84	Alp Phe	2.3970	4500.0	78	32464	No
25	GOM_NL__2PRFIN20080516_020510_000000562068_00346_32464_0640.N1	16-MAY-2008 02:05:10	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	32464	No
26	GOM_NL__2PRFIN20080516_020823_000000392068_00347_32465_0643.N1	16-MAY-2008 02:08:23	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32465	No
27	GOM_NL__2PRFIN20080516_021212_000000422068_00347_32465_0644.N1	16-MAY-2008 02:12:12	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32465	No
28	GOM_NL__2PRFIN20080516_021730_000000382068_00347_32465_0645.N1	16-MAY-2008 02:17:30	Straylight	38.000	43	Alp TrA	1.9100	4250.0	76	32465	No
29	GOM_NL__2PRFIN20080516_021941_000000382068_00347_32465_0646.N1	16-MAY-2008 02:19:41	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	32465	No
30	GOM_NL__2PRFIN20080516_022122_000000482068_00347_32465_0647.N1	16-MAY-2008 02:21:22	Straylight	47.500	4	Alp1Cen	-0.010000	5800.0	95	32465	No
31	GOM_NL__2PRFIN20080516_022457_000000392068_00347_32465_0648.N1	16-MAY-2008 02:24:57	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	32465	No
32	GOM_NL__2PRFIN20080516_022627_000000372068_00347_32465_0649.N1	16-MAY-2008 02:26:27	Tw_i_and_stray	37.000	81	Eta Cen	2.3560	28000.	74	32465	No
33	GOM_NL__2PRFIN20080516_022822_000000432068_00347_32465_0650.N1	16-MAY-2008 02:28:22	Tw_i_and_stray	42.500	54	5The Cen	2.0550	4500.0	85	32465	No
34	GOM_NL__2PRFIN20080516_023338_000000382068_00347_32465_0651.N1	16-MAY-2008 02:33:38	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	32465	No
35	GOM_NL__2PRFIN20080516_023547_000000382068_00347_32465_0652.N1	16-MAY-2008 02:35:47	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	32465	No
36	GOM_NL__2PRFIN20080516_024212_000000362068_00347_32465_0653.N1	16-MAY-2008 02:42:12	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	32465	No
37	GOM_NL__2PRFIN20080516_024344_000000352068_00347_32465_0654.N1	16-MAY-2008 02:43:44	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	32465	No
38	GOM_NL__2PRFIN20080516_024931_000000362068_00347_32465_0655.N1	16-MAY-2008 02:49:31	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	32465	No
39	GOM_NL__2PRFIN20080516_025226_000000362068_00347_32465_0656.N1	16-MAY-2008 02:52:26	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32465	No
40	GOM_NL__2PRFIN20080516_025403_000000362068_00347_32465_0657.N1	16-MAY-2008 02:54:03	Bright	35.500	55	79Zet UMa	2.0600	10200.	71	32465	No
41	GOM_NL__2PRFIN20080516_025943_000000382068_00347_32465_0658.N1	16-MAY-2008 02:59:43	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32465	No
42	GOM_NL__2PRFIN20080516_030407_000000362068_00347_32465_0659.N1	16-MAY-2008 03:04:07	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32465	No

279	GOM_NL__2PRFIN20080516_212039_000000362068_00358_32476_0826.N1	16-MAY-2008 21:20:39	Bright	36.000	55	79Zet UMa	2.0600	10200.	72	32476	No
280	GOM_NL__2PRFIN20080516_212618_000000392068_00358_32476_0827.N1	16-MAY-2008 21:26:18	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	32476	No
281	GOM_NL__2PRFIN20080516_213043_000000352068_00358_32476_0828.N1	16-MAY-2008 21:30:43	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32476	No
282	GOM_NL__2PRFIN20080516_213854_000000392068_00358_32476_0829.N1	16-MAY-2008 21:38:54	Bright	38.500	76	27Gam Cas	2.3000	30000.	77	32476	No
283	GOM_NL__2PRFIN20080516_214008_000000382068_00358_32476_0830.N1	16-MAY-2008 21:40:08	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	32476	No
284	GOM_NL__2PRFIN20080516_220130_000000422068_00358_32476_0831.N1	16-MAY-2008 22:01:30	Dark	41.500	52	16Bet Cet	2.0370	4500.0	83	32476	No
285	GOM_NL__2PRFIN20080516_220818_000000412068_00358_32476_0832.N1	16-MAY-2008 22:08:18	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	32476	No
286	GOM_NL__2PRFIN20080516_221229_000000552068_00358_32476_0833.N1	16-MAY-2008 22:12:29	Dark	55.000	63	Bet Gru	2.1500	2800.0	110	32476	No
287	GOM_NL__2PRFIN20080516_221541_000000402068_00359_32477_0829.N1	16-MAY-2008 22:15:41	Dark	39.500	148	Alp Tuc	2.8780	4100.0	79	32477	No
288	GOM_NL__2PRFIN20080516_221932_000000422068_00359_32477_0830.N1	16-MAY-2008 22:19:32	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32477	No
289	GOM_NL__2PRFIN20080516_222445_000000382068_00359_32477_0831.N1	16-MAY-2008 22:24:45	Straylight	38.000	43	Alp TrA	1.9100	4250.0	76	32477	No
290	GOM_NL__2PRFIN20080516_222655_000000372068_00359_32477_0832.N1	16-MAY-2008 22:26:55	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	32477	No
291	GOM_NL__2PRFIN20080516_222835_000000502068_00359_32477_0833.N1	16-MAY-2008 22:28:35	Straylight	50.000	4	Alp1Cen	-0.010000	5800.0	100	32477	No
292	GOM_NL__2PRFIN20080516_223211_000000402068_00359_32477_0834.N1	16-MAY-2008 22:32:11	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	32477	No
293	GOM_NL__2PRFIN20080516_223341_000000392068_00359_32477_0835.N1	16-MAY-2008 22:33:41	Twilight_stray	39.000	81	Eta Cen	2.3560	28000.	78	32477	No
294	GOM_NL__2PRFIN20080516_223536_000000432068_00359_32477_0836.N1	16-MAY-2008 22:35:36	Twilight_stray	42.500	54	5The Cen	2.0550	4500.0	85	32477	No
295	GOM_NL__2PRFIN20080516_224051_000000372068_00359_32477_0837.N1	16-MAY-2008 22:40:51	Bright	36.500	122	9Alp2Lib	2.7470	9700.0	73	32477	No
296	GOM_NL__2PRFIN20080516_224301_000000372068_00359_32477_0838.N1	16-MAY-2008 22:43:01	Bright	37.000	15	67Alp Vir	0.97600	28000.	74	32477	No
297	GOM_NL__2PRFIN20080516_225056_000000352068_00359_32477_0839.N1	16-MAY-2008 22:50:56	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	32477	No
298	GOM_NL__2PRFIN20080516_225640_000000362068_00359_32477_0840.N1	16-MAY-2008 22:56:40	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	32477	No
299	GOM_NL__2PRFIN20080516_225938_000000362068_00359_32477_0841.N1	16-MAY-2008 22:59:38	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32477	No
300	GOM_NL__2PRFIN20080516_230115_000000332068_00359_32477_0842.N1	16-MAY-2008 23:01:15	Bright	33.000	55	79Zet UMa	2.0600	10200.	66	32477	No
301	GOM_NL__2PRFIN20080516_230653_000000372068_00359_32477_0843.N1	16-MAY-2008 23:06:53	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32477	No
302	GOM_NL__2PRFIN20080516_231118_000000352068_00359_32477_0844.N1	16-MAY-2008 23:11:18	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32477	No
303	GOM_NL__2PRFIN20080516_231930_000000392068_00359_32477_0845.N1	16-MAY-2008 23:19:30	Bright	38.500	76	27Gam Cas	2.3000	30000.	77	32477	No
304	GOM_NL__2PRFIN20080516_232044_000000372068_00359_32477_0846.N1	16-MAY-2008 23:20:44	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	32477	No
305	GOM_NL__2PRFIN20080516_234206_000000422068_00359_32477_0847.N1	16-MAY-2008 23:42:06	Dark	42.000	52	16Bet Cet	2.0370	4500.0	84	32477	No
306	GOM_NL__2PRFIN20080516_234855_000000402068_00359_32477_0848.N1	16-MAY-2008 23:48:55	Dark	39.500	84	Alp Phe	2.3970	4500.0	79	32477	No
307	GOM_NL__2PRFIN20080516_235305_000000452068_00359_32477_0849.N1	16-MAY-2008 23:53:05	Dark	44.500	63	Bet Gru	2.1500	2800.0	89	32477	No
308	GOM_NL__2PRFIN20080516_235617_000000392068_00360_32478_0843.N1	16-MAY-2008 23:56:17	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32478	No

3. Quality information per product

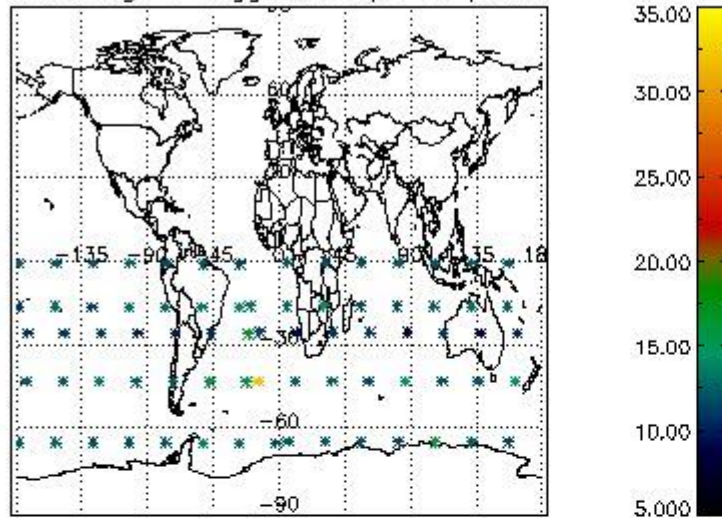
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

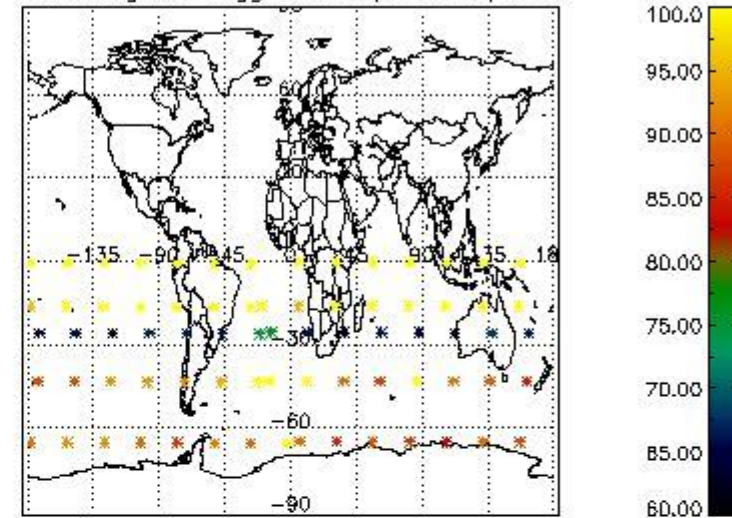


3.2 Plot quality information per product (world map)

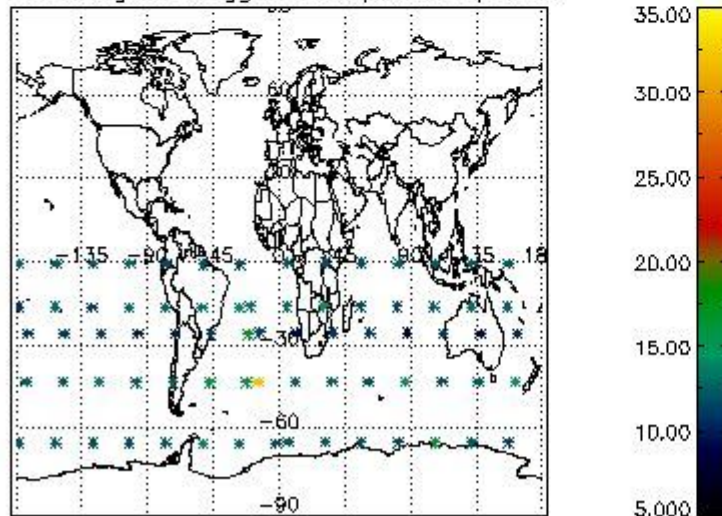
Percentage of flagged data per O3 profile



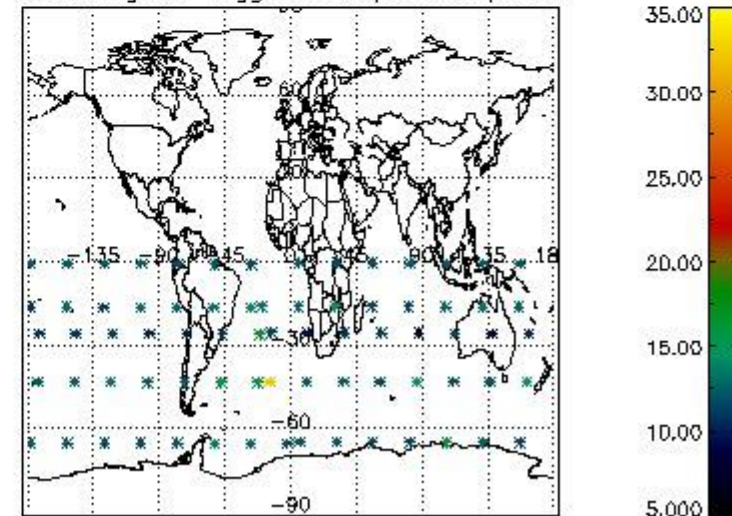
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

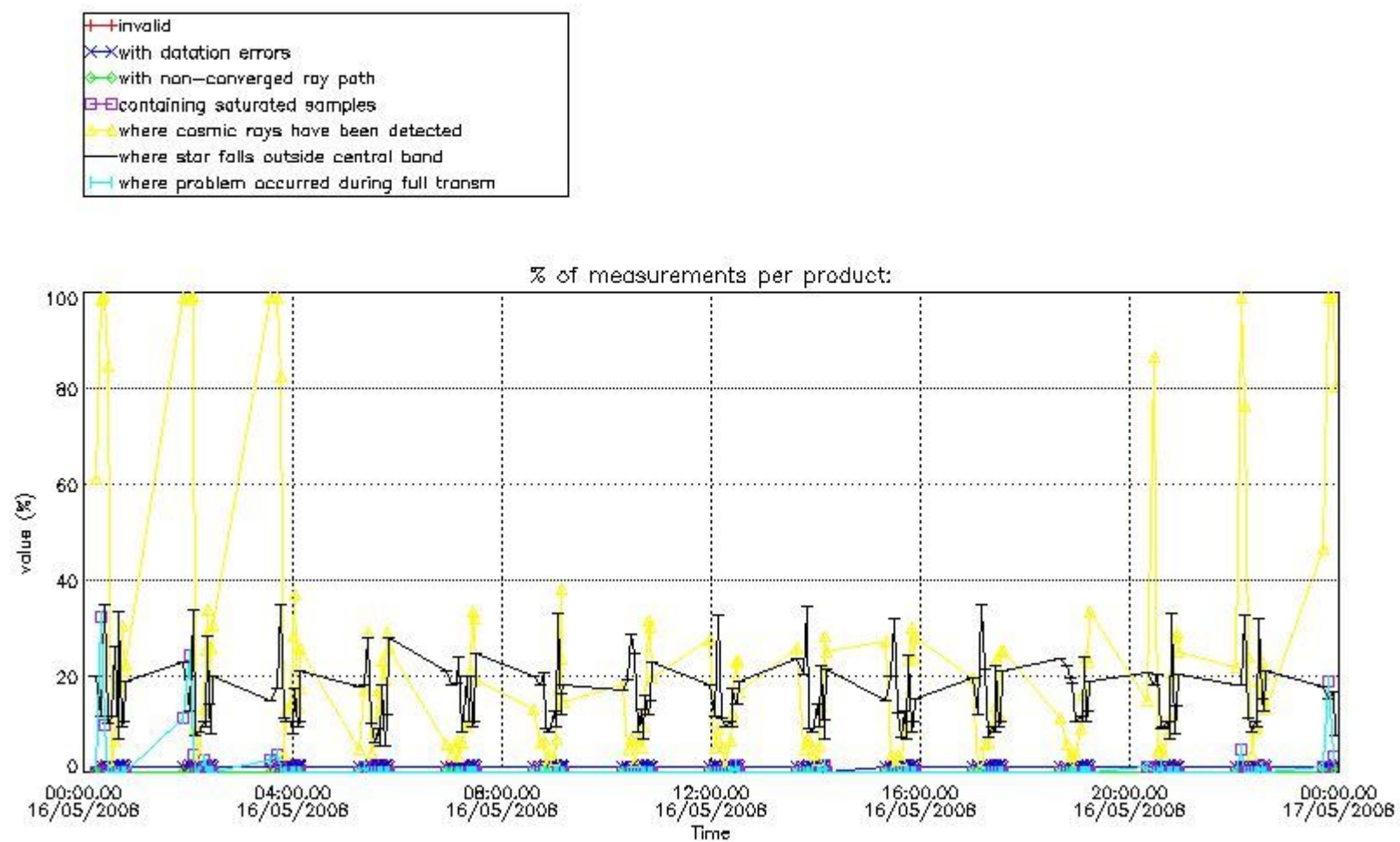


4. Level 1 quality information per product

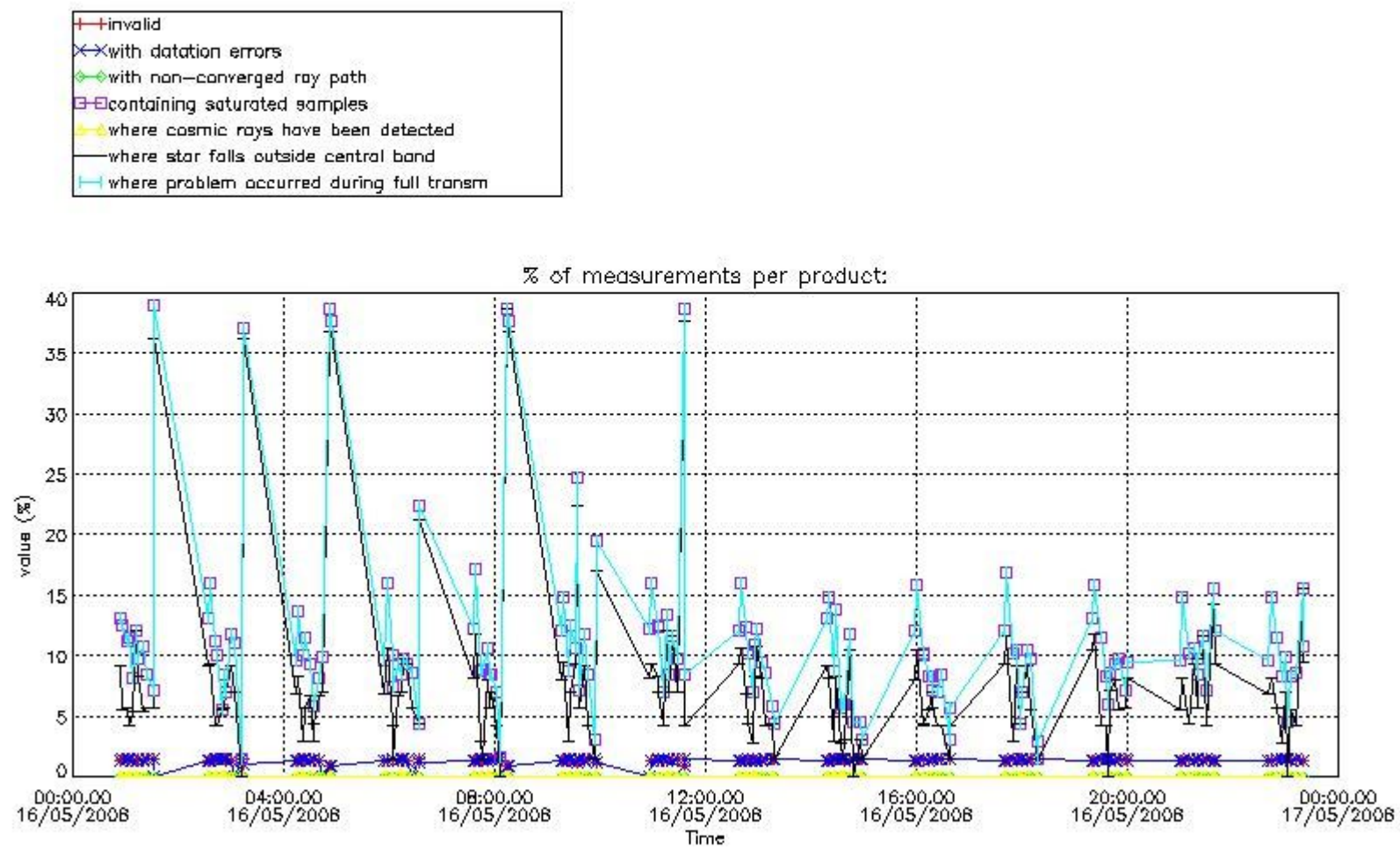
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



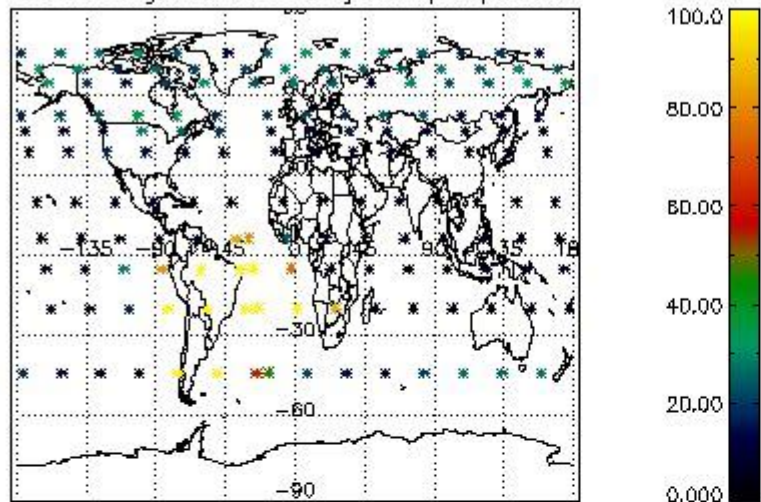
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



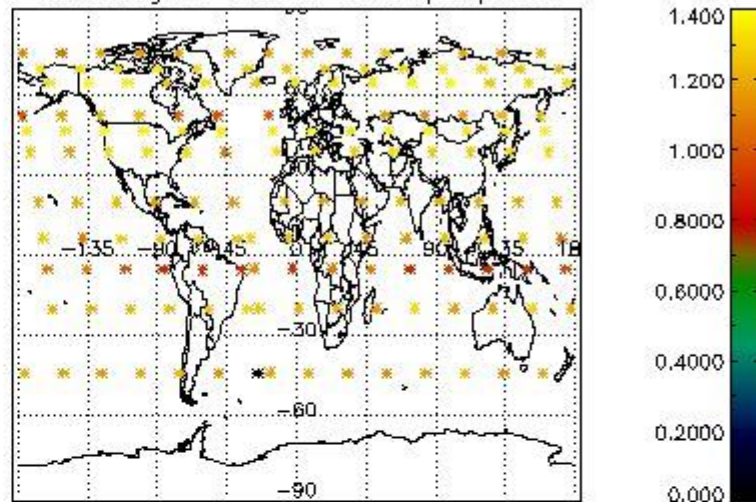
4.2 Plot quality information per product coming from level 1b processing (world map)

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

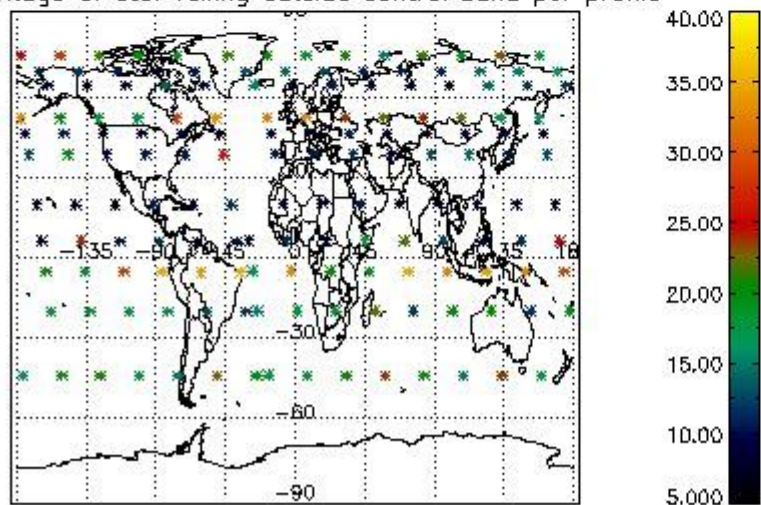
Percentage of cosmic ray hits per profile



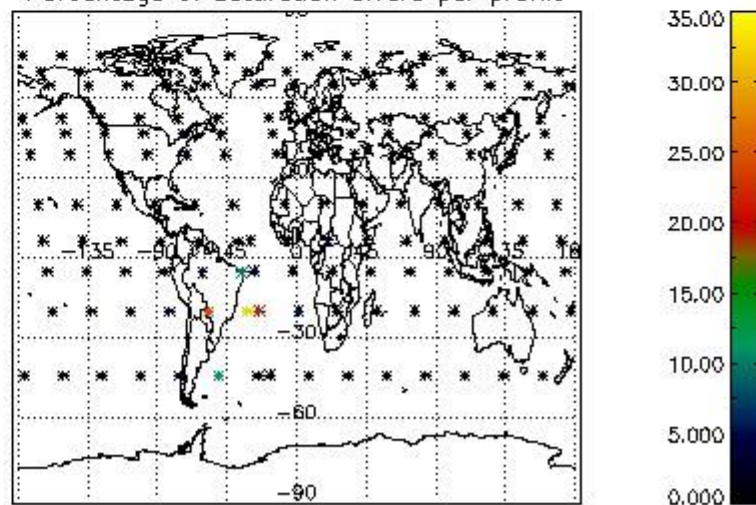
Percentage of datation errors per profile



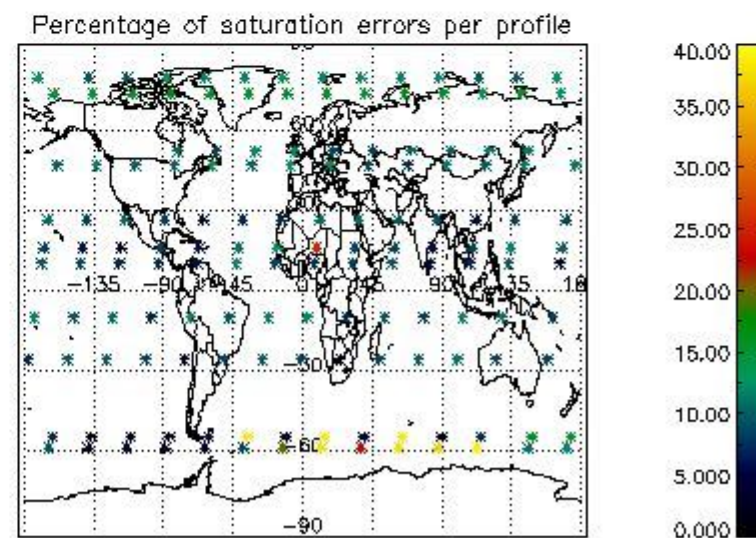
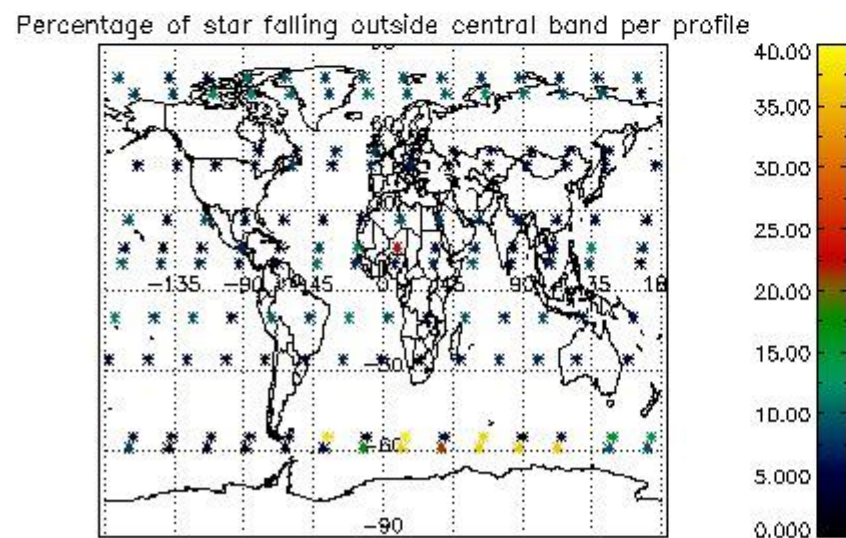
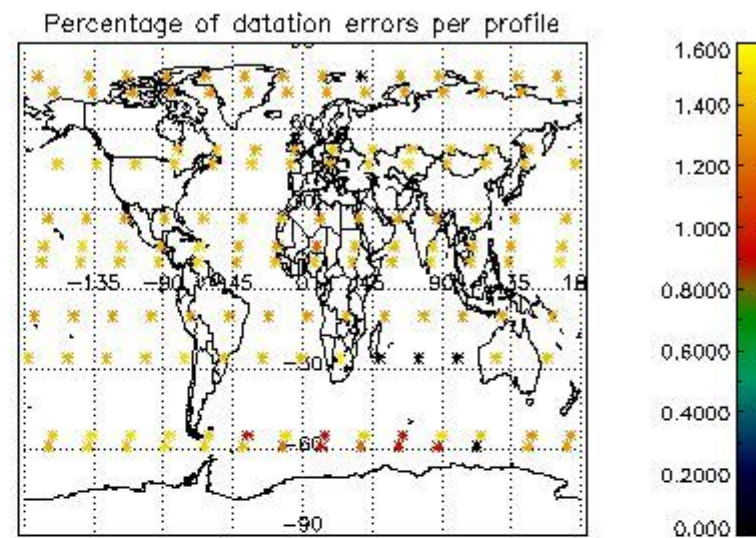
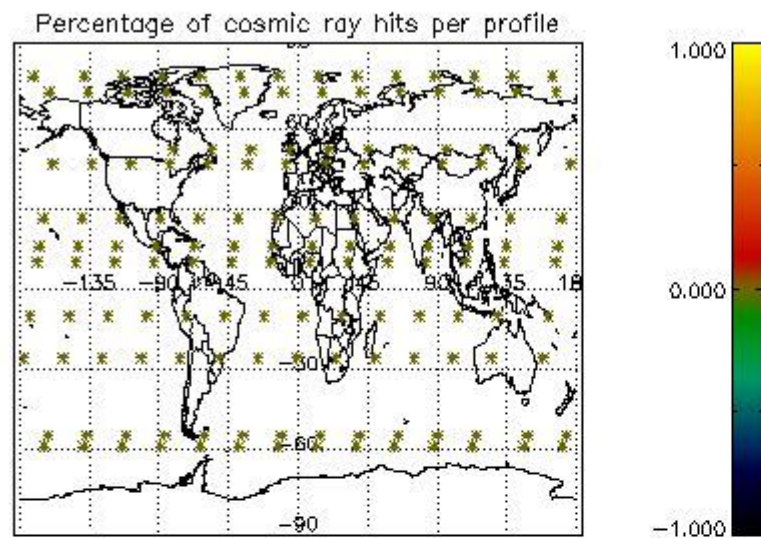
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

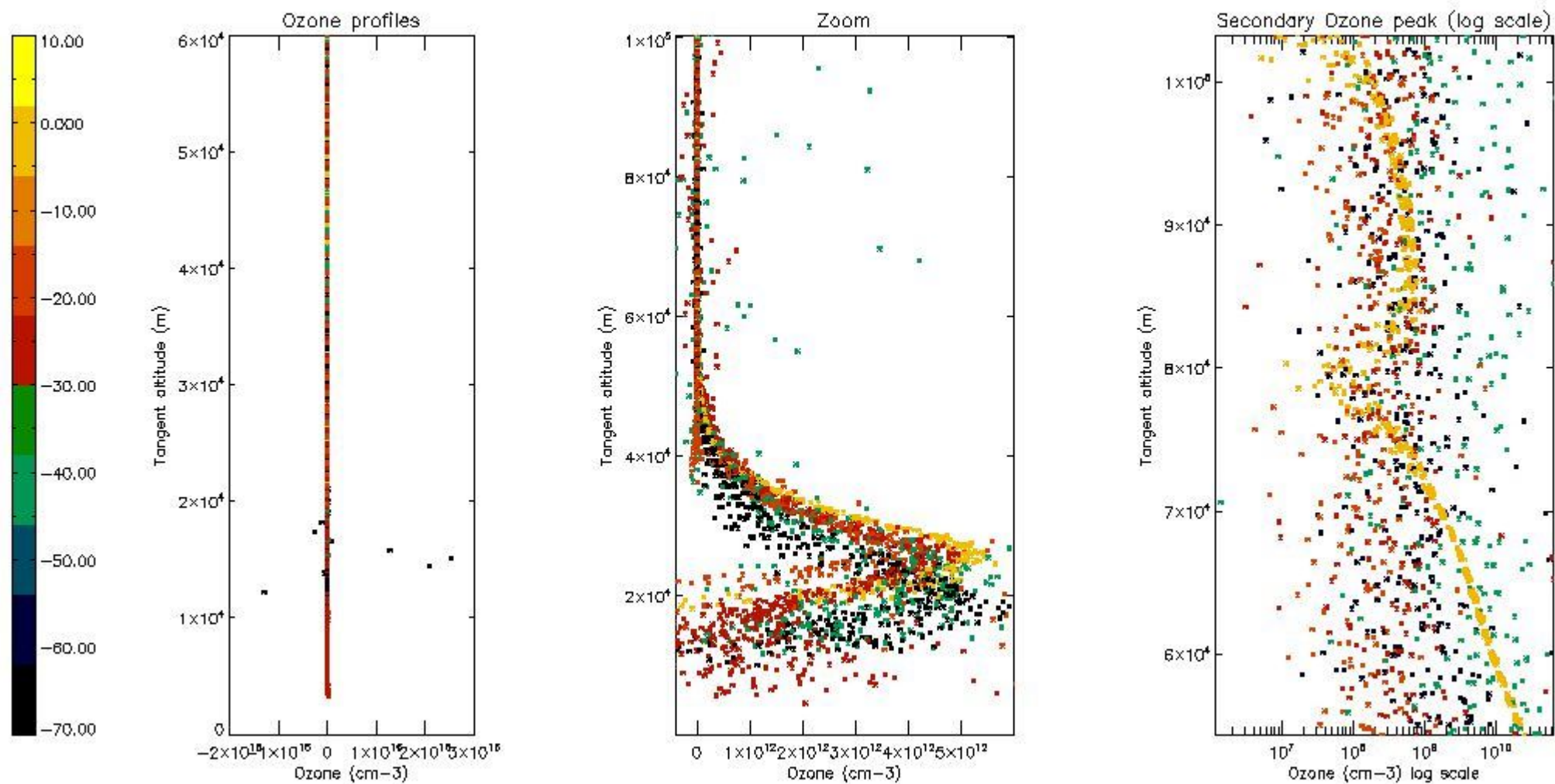
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	9

STD < 10	5
STD < 5	3

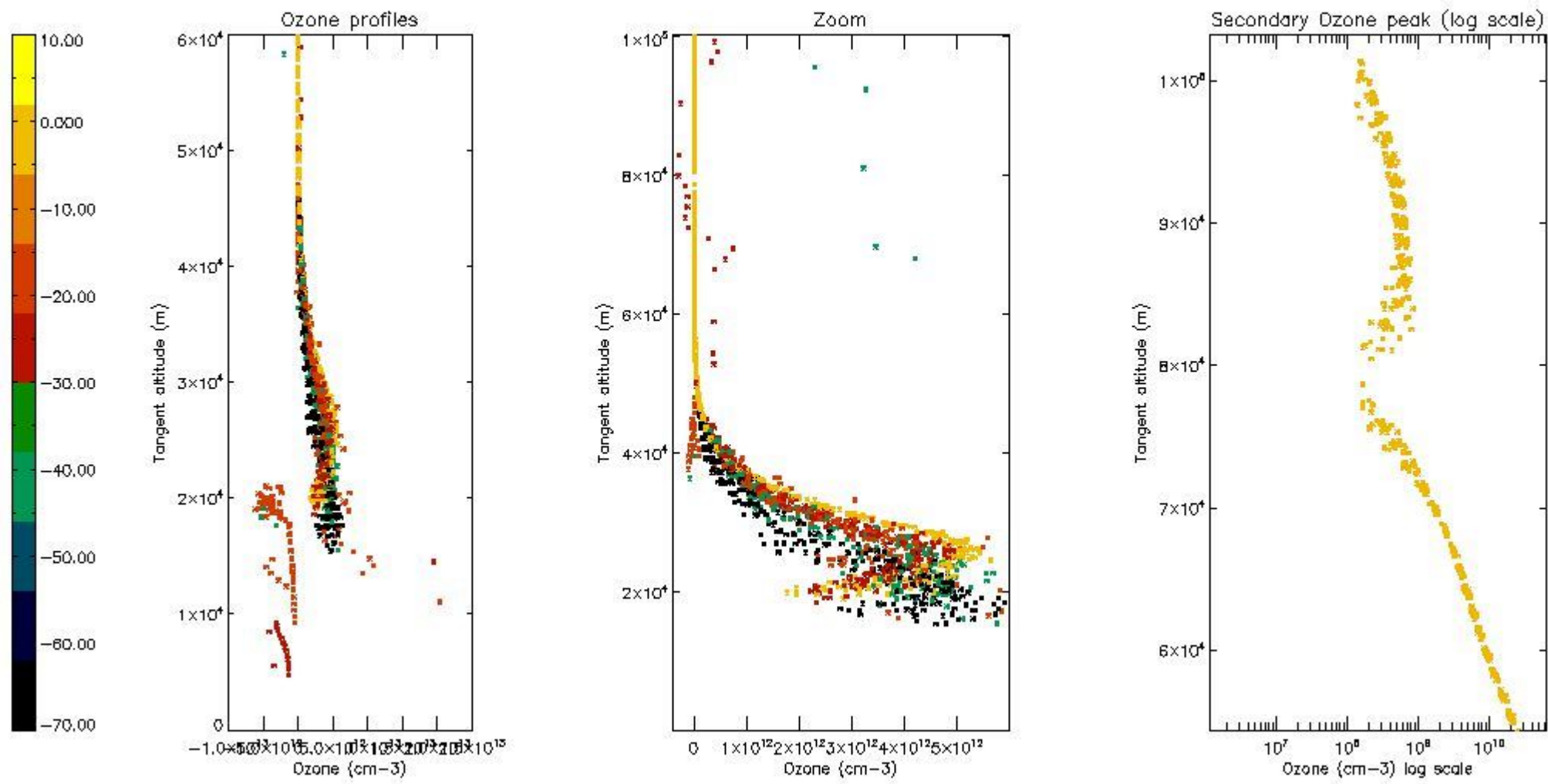
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



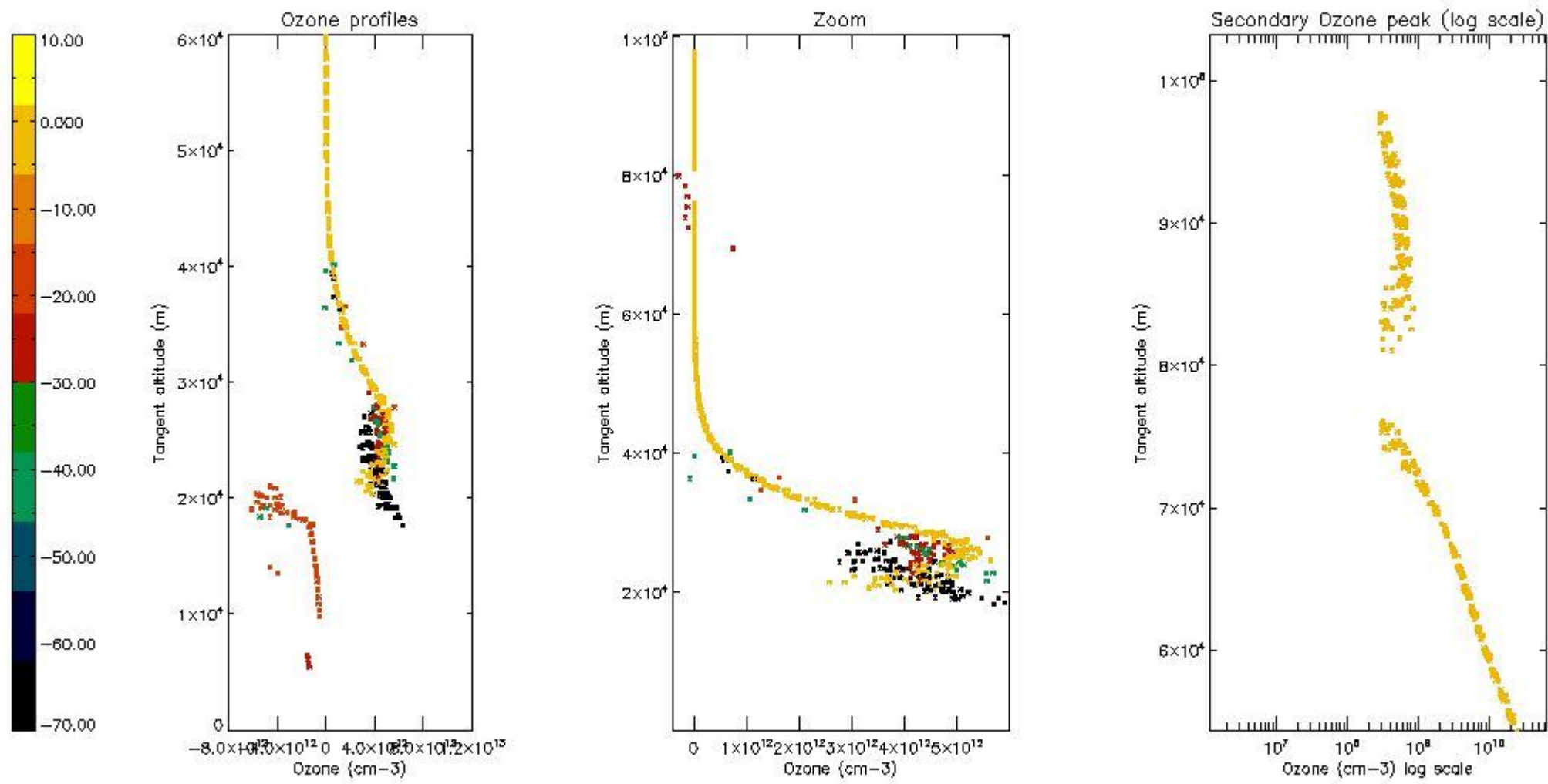
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



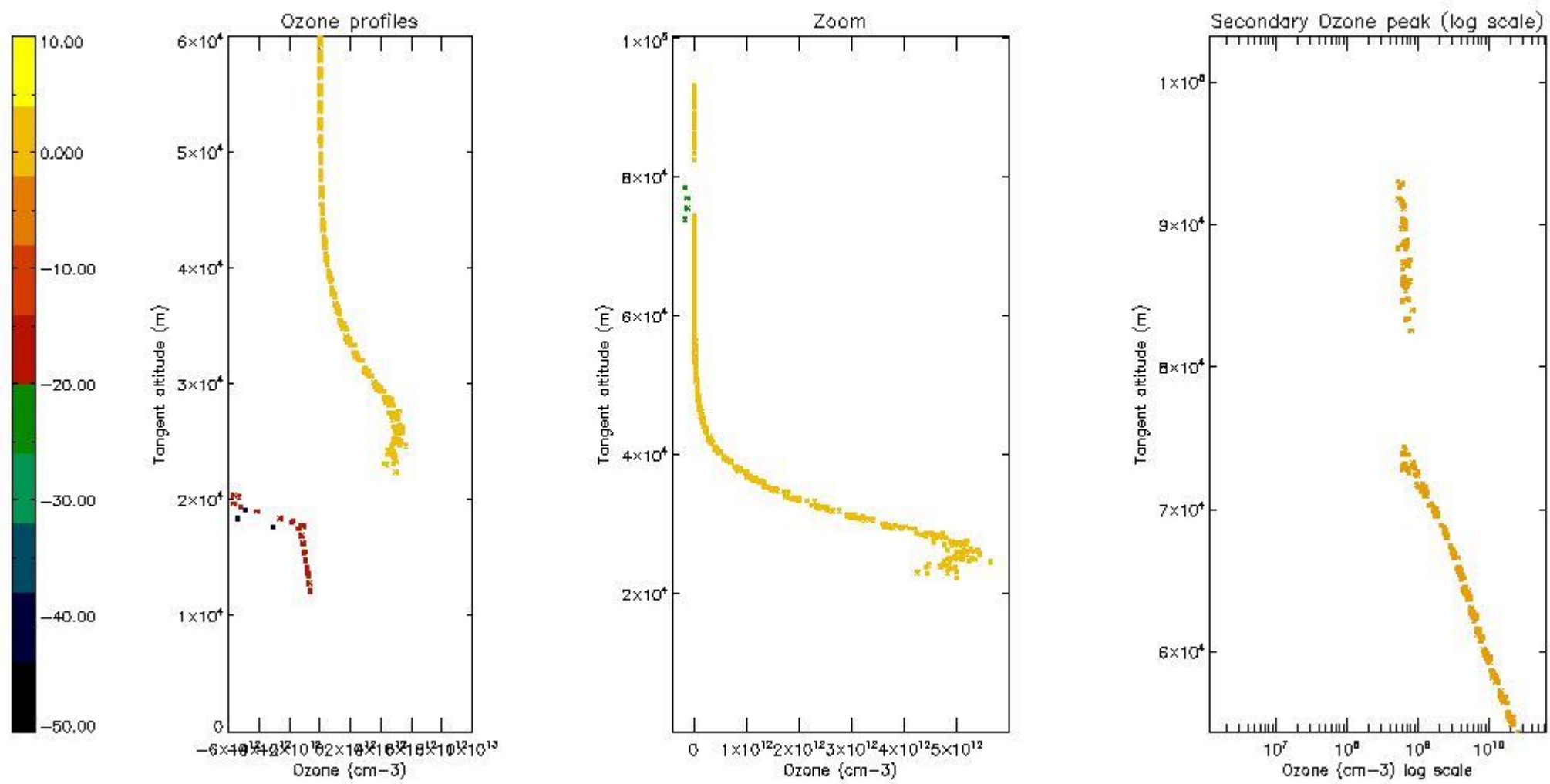
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



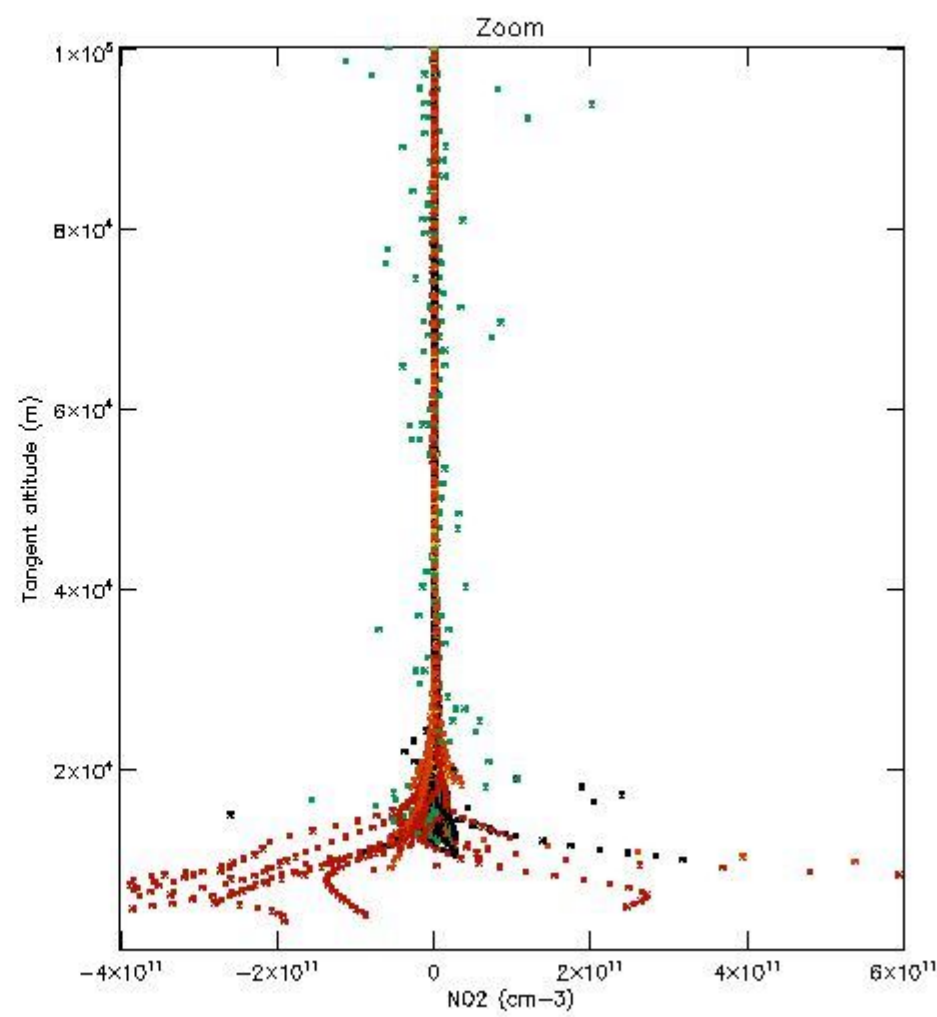
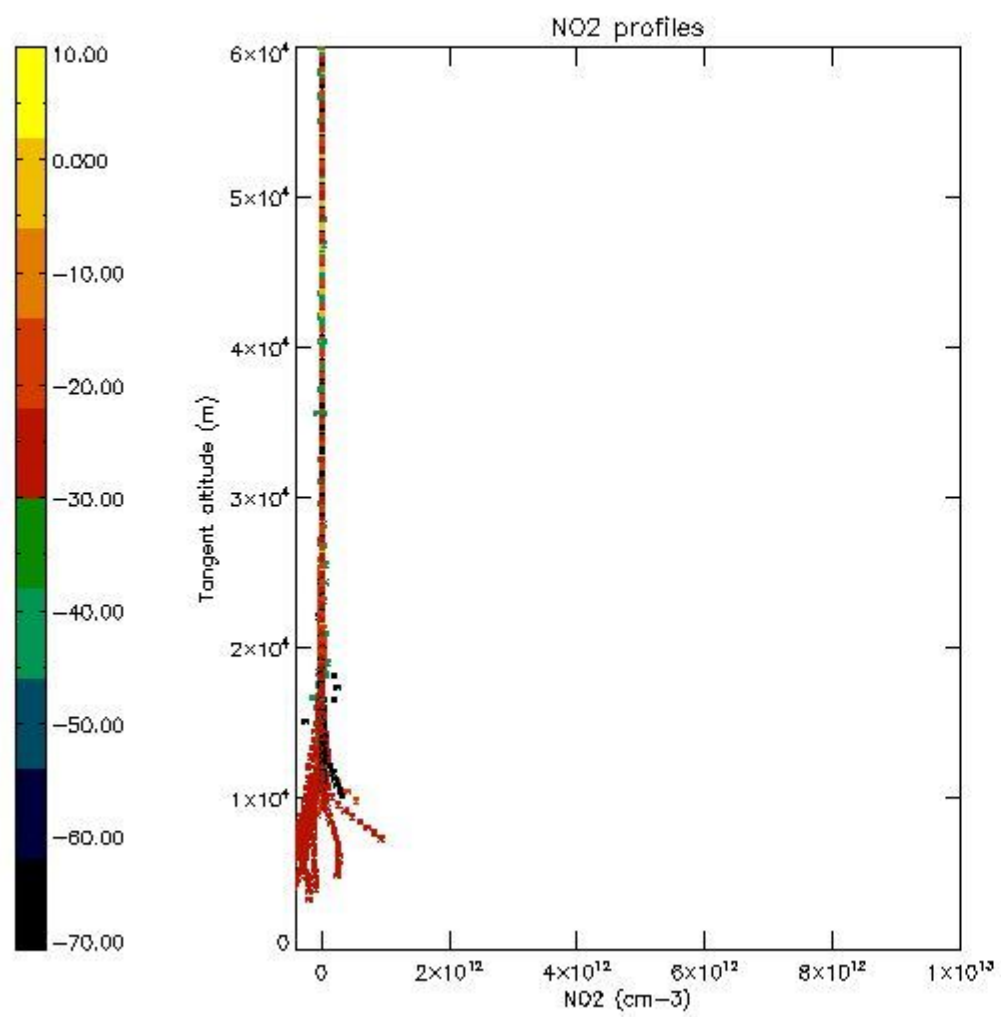
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



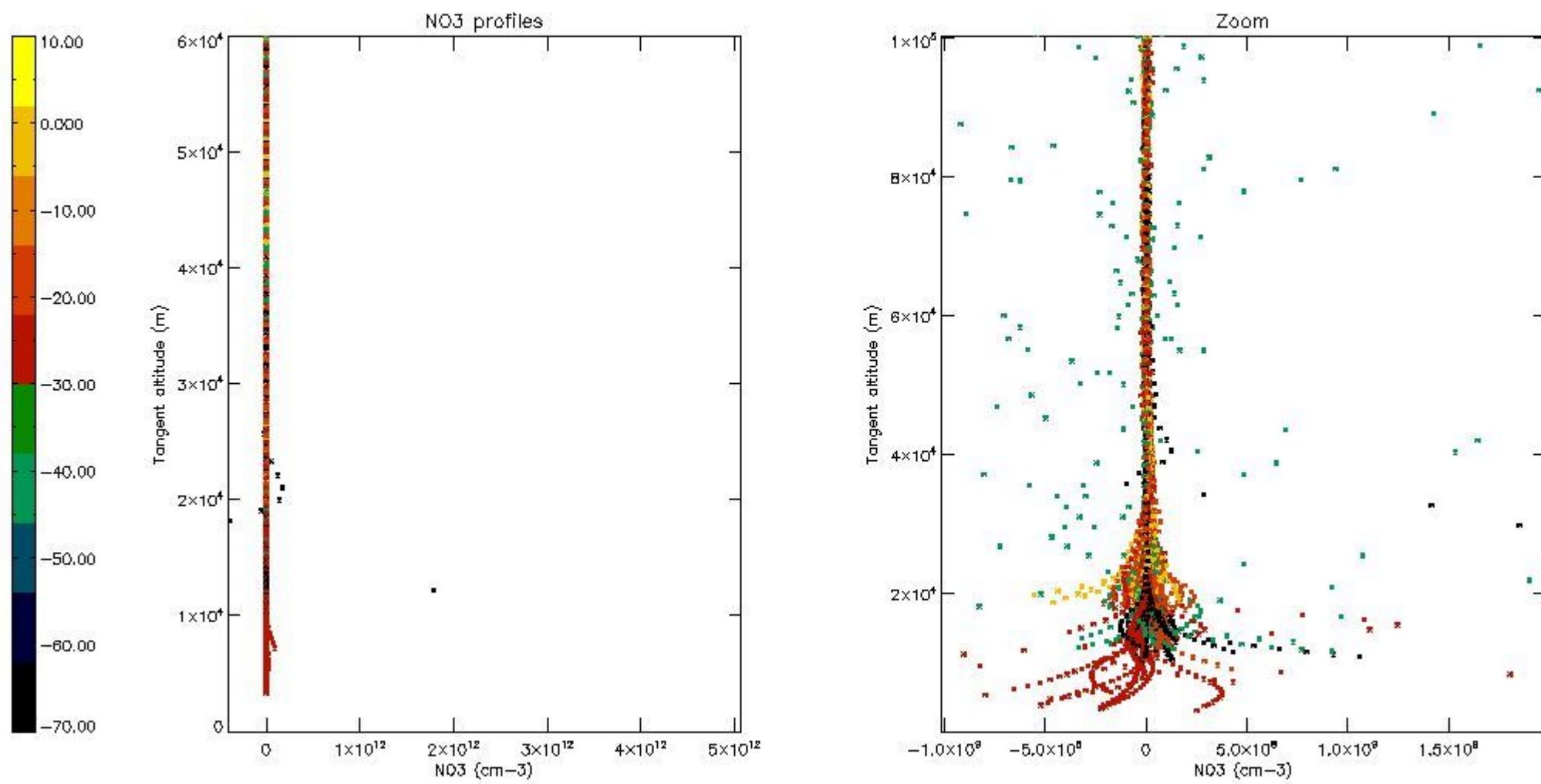
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



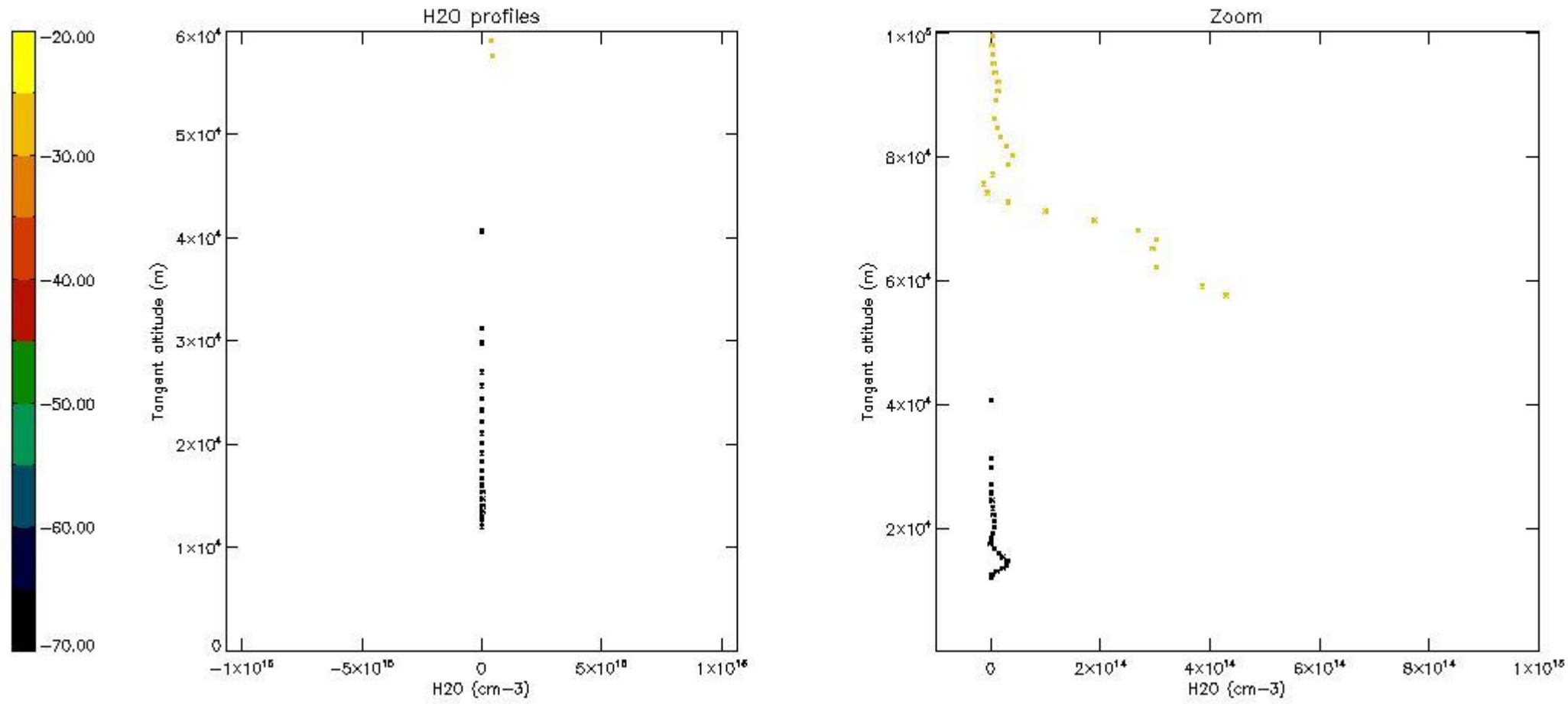
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

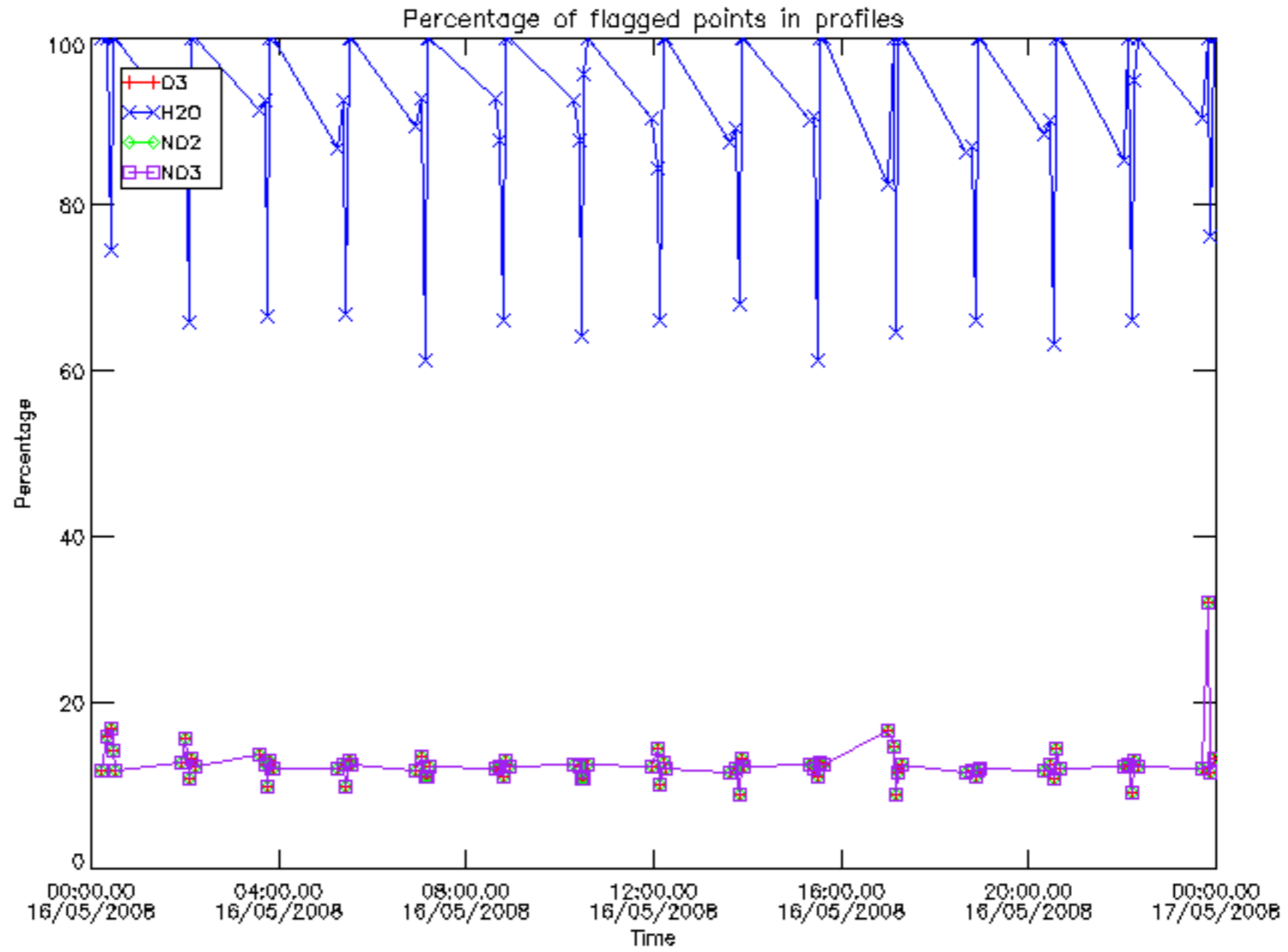
The colorbar represents the latitude.



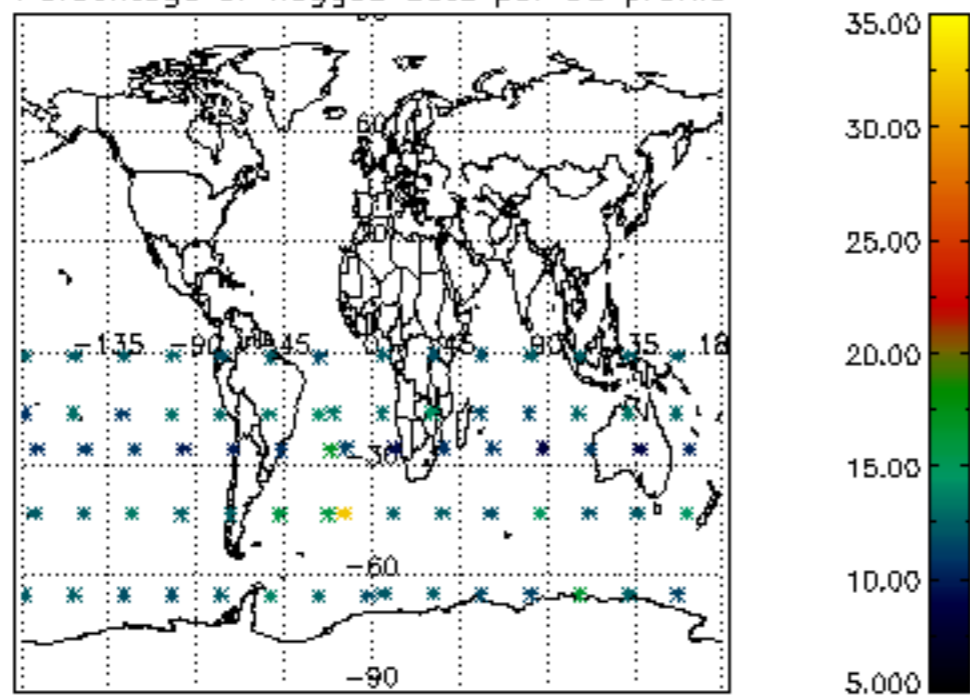
6. Auxiliary Data Files used for the production reported in section 2

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

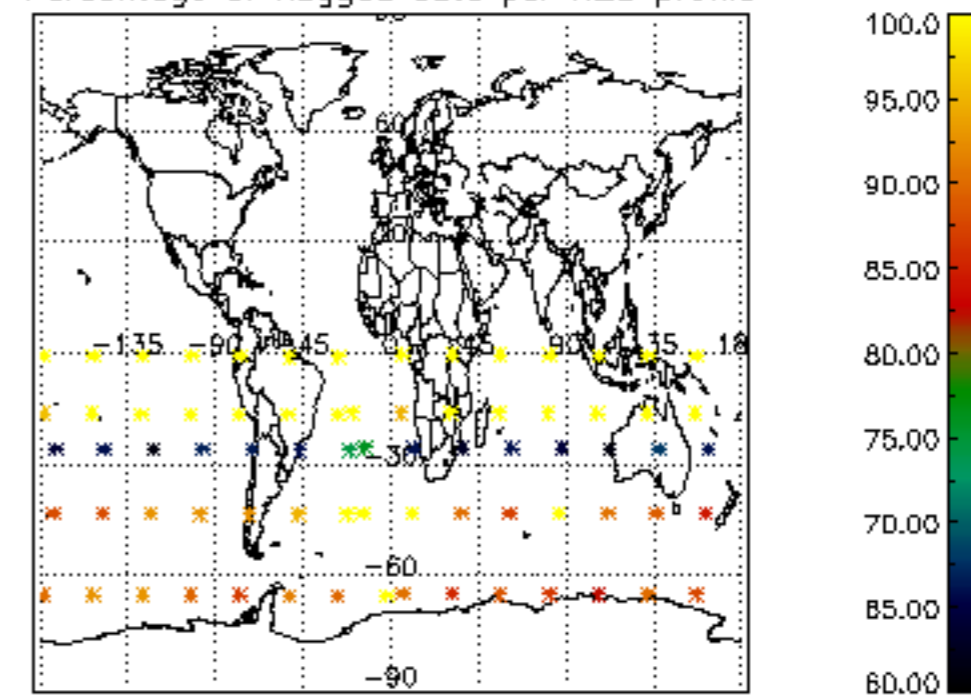
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	16-MAY-2008 00:13:39
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	16-MAY-2008 00:13:39
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	16-MAY-2008 00:13:39



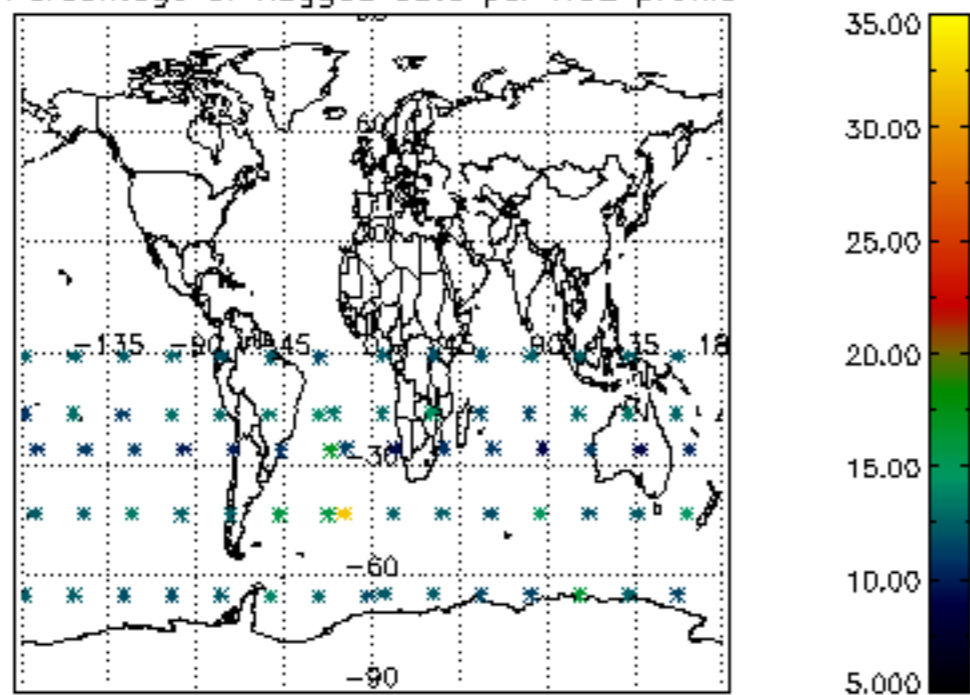
Percentage of flagged data per D3 profile



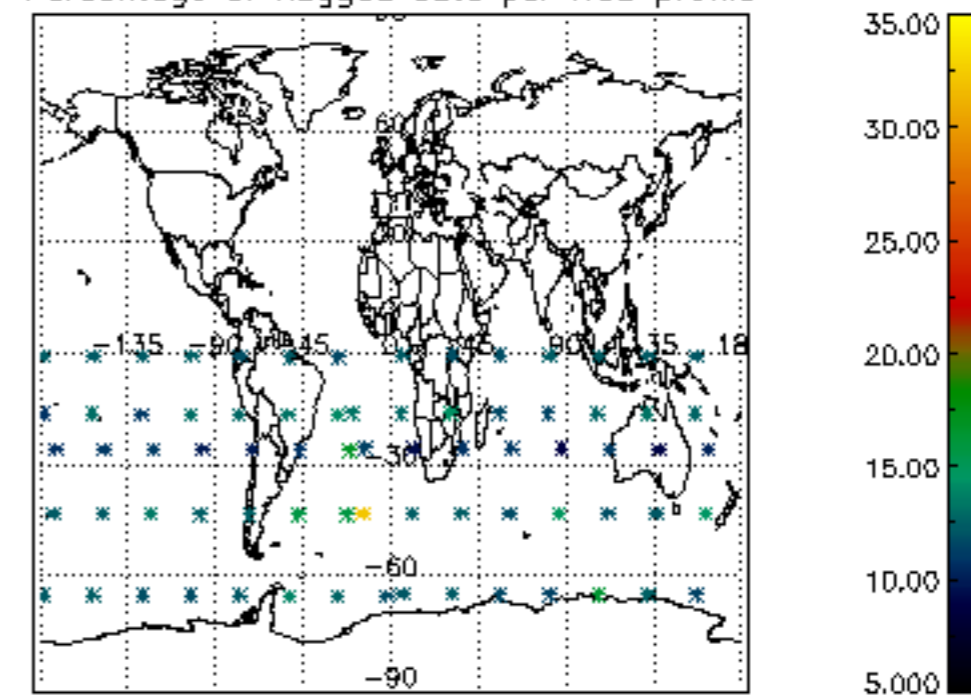
Percentage of flagged data per H2O profile

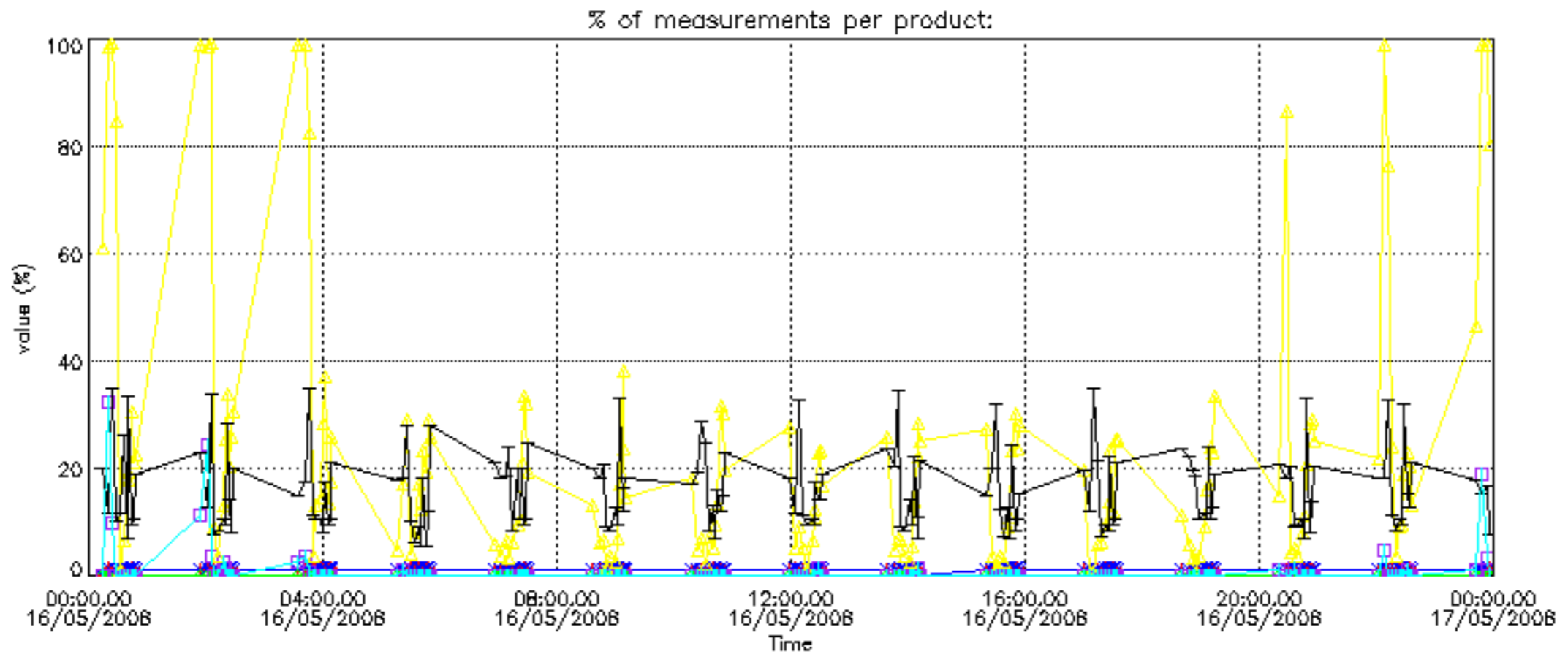


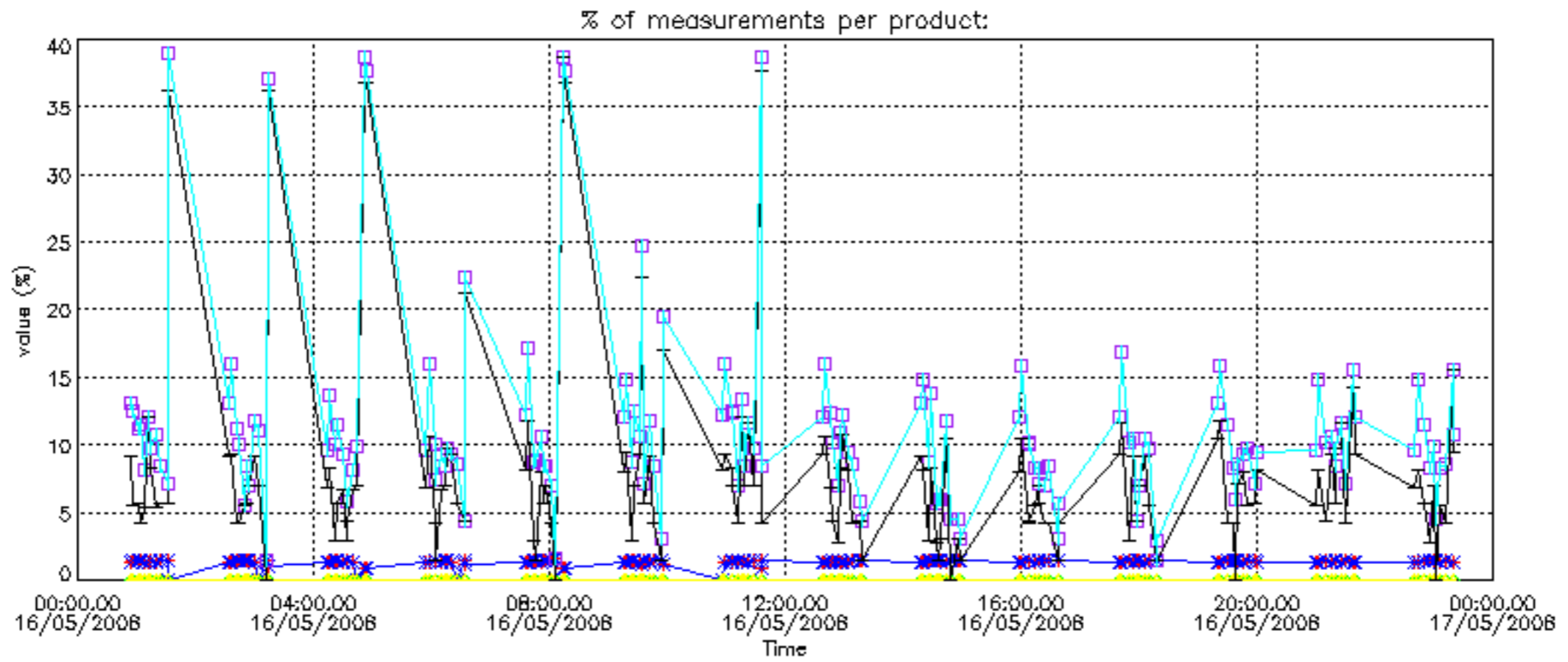
Percentage of flagged data per NO2 profile



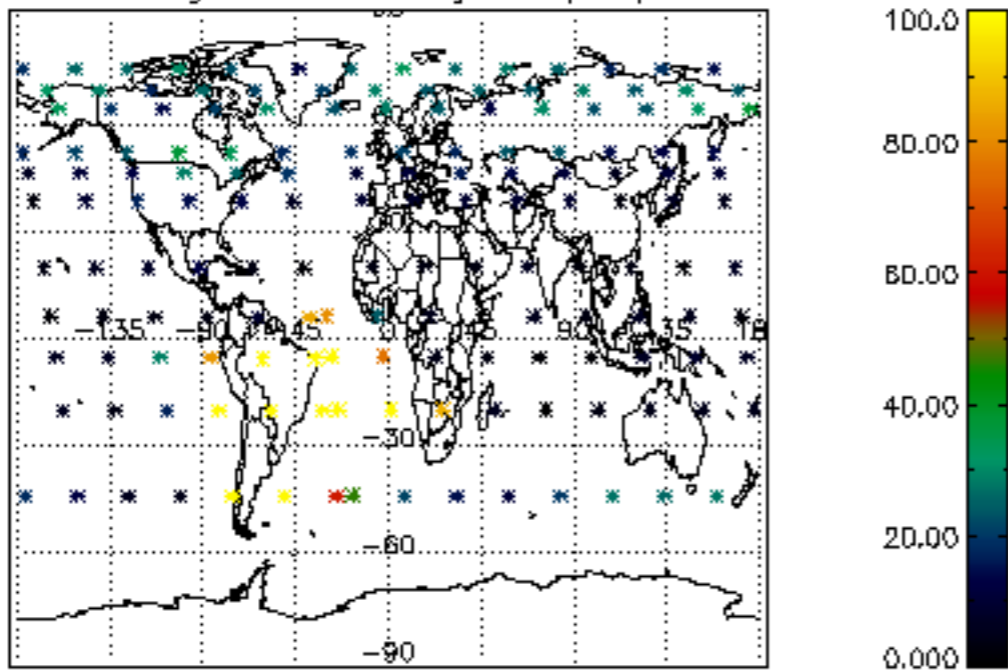
Percentage of flagged data per NO3 profile



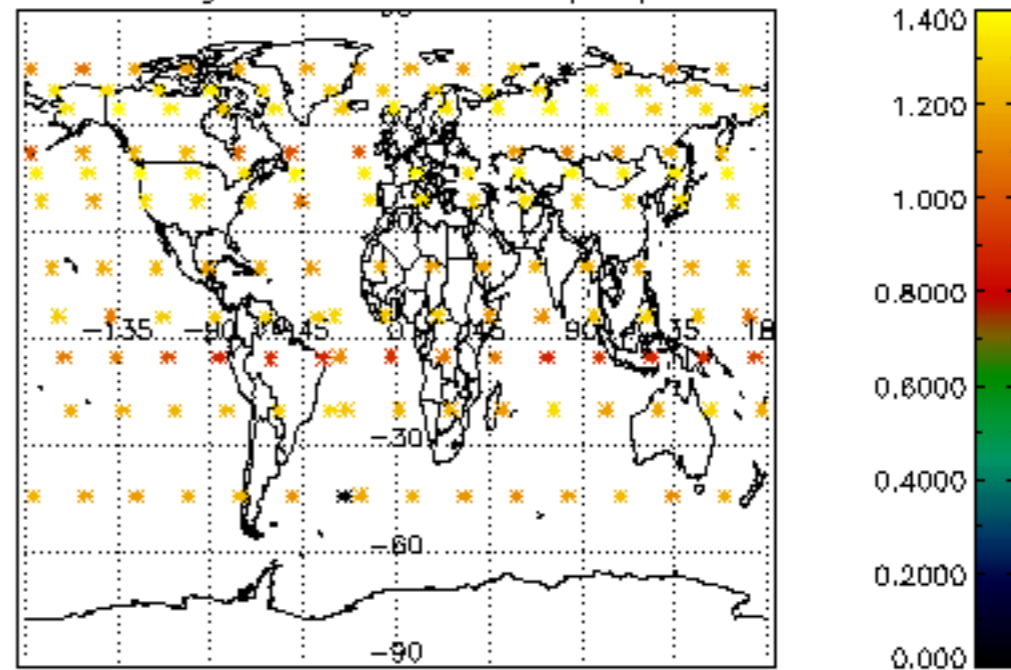




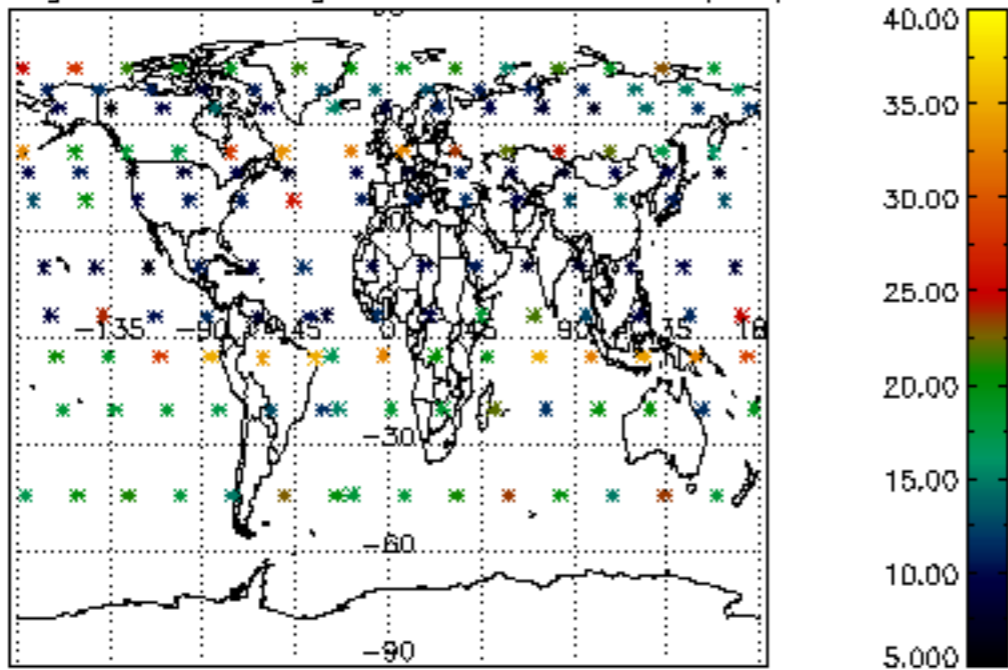
Percentage of cosmic ray hits per profile



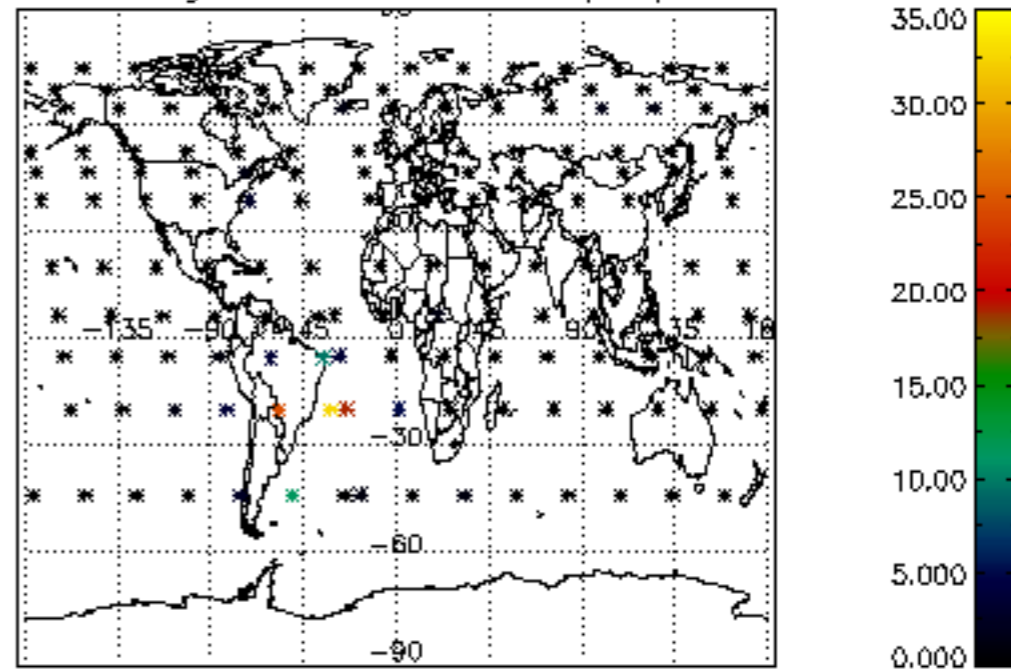
Percentage of datation errors per profile



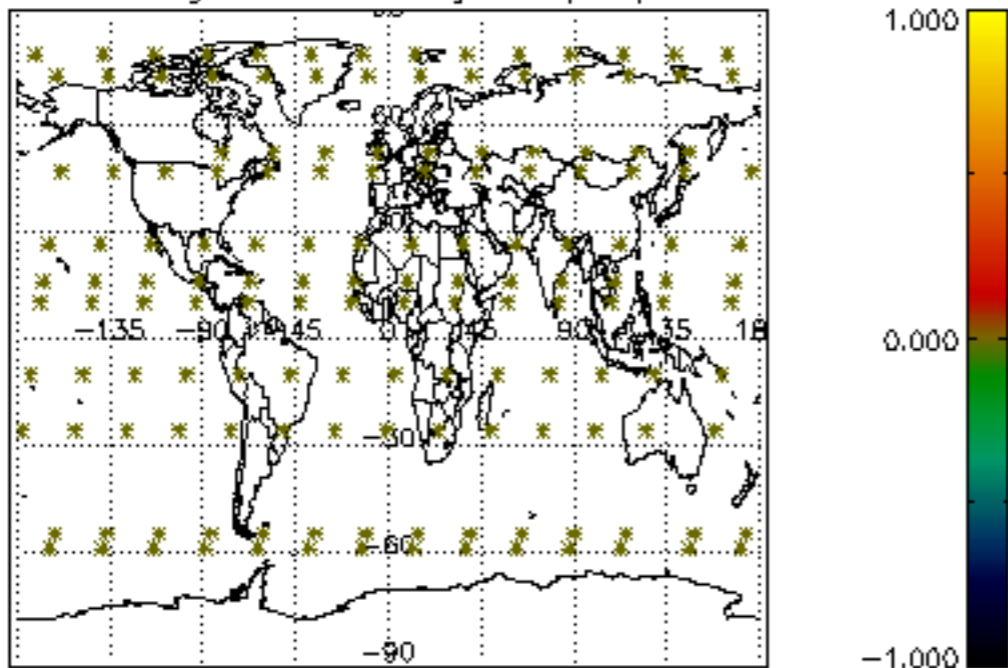
Percentage of star falling outside central band per profile



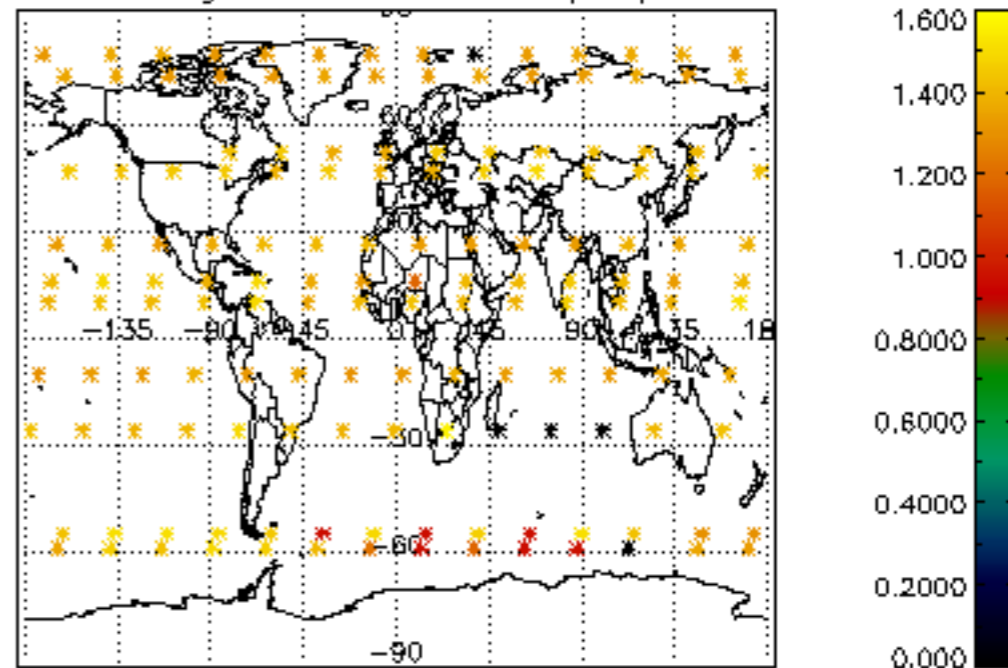
Percentage of saturation errors per profile



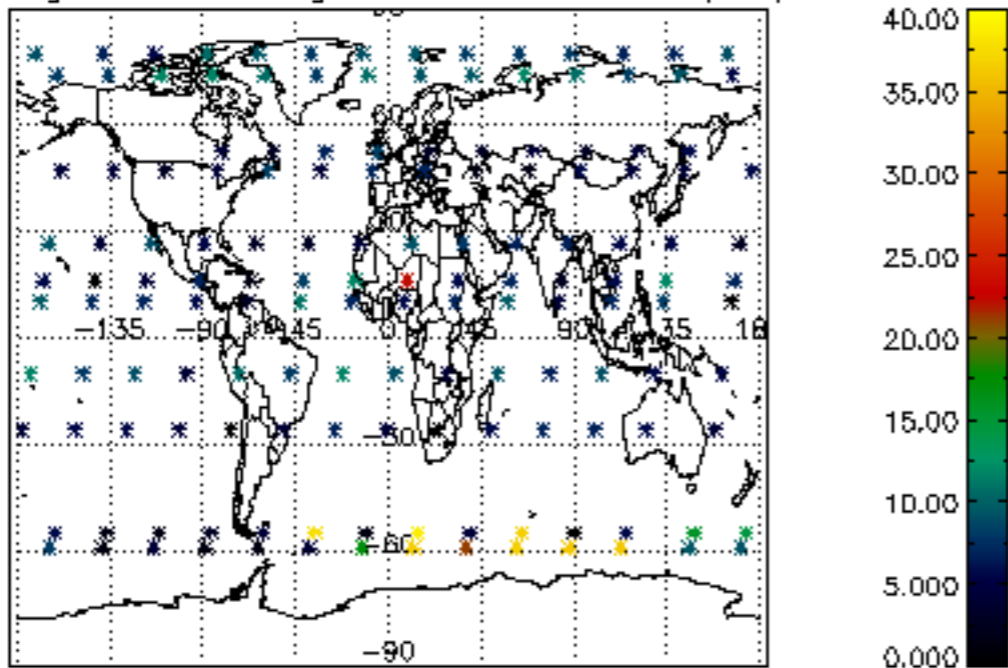
Percentage of cosmic ray hits per profile



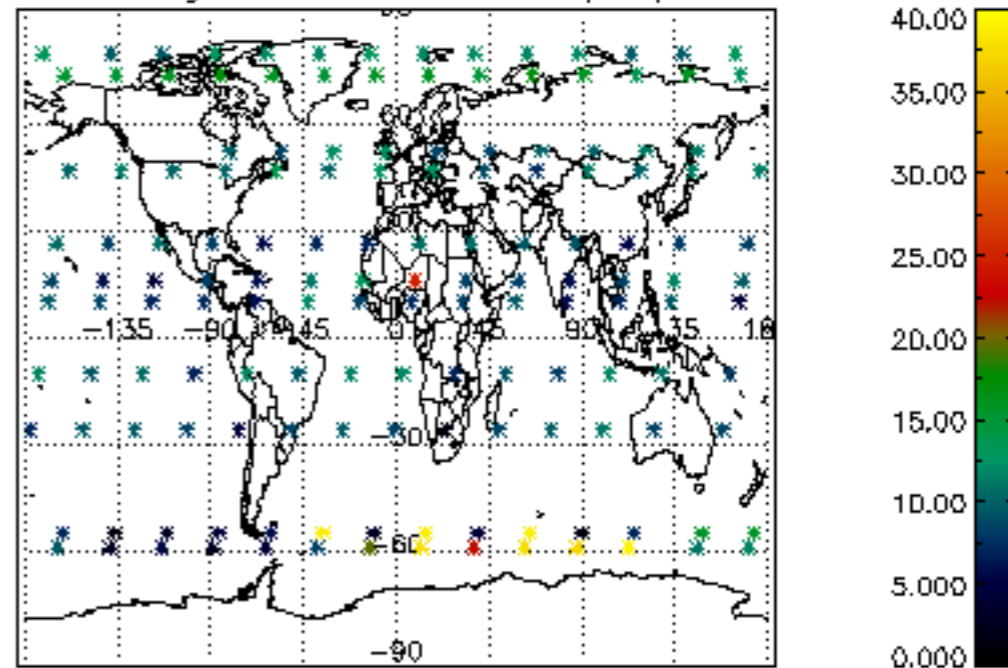
Percentage of datation errors per profile

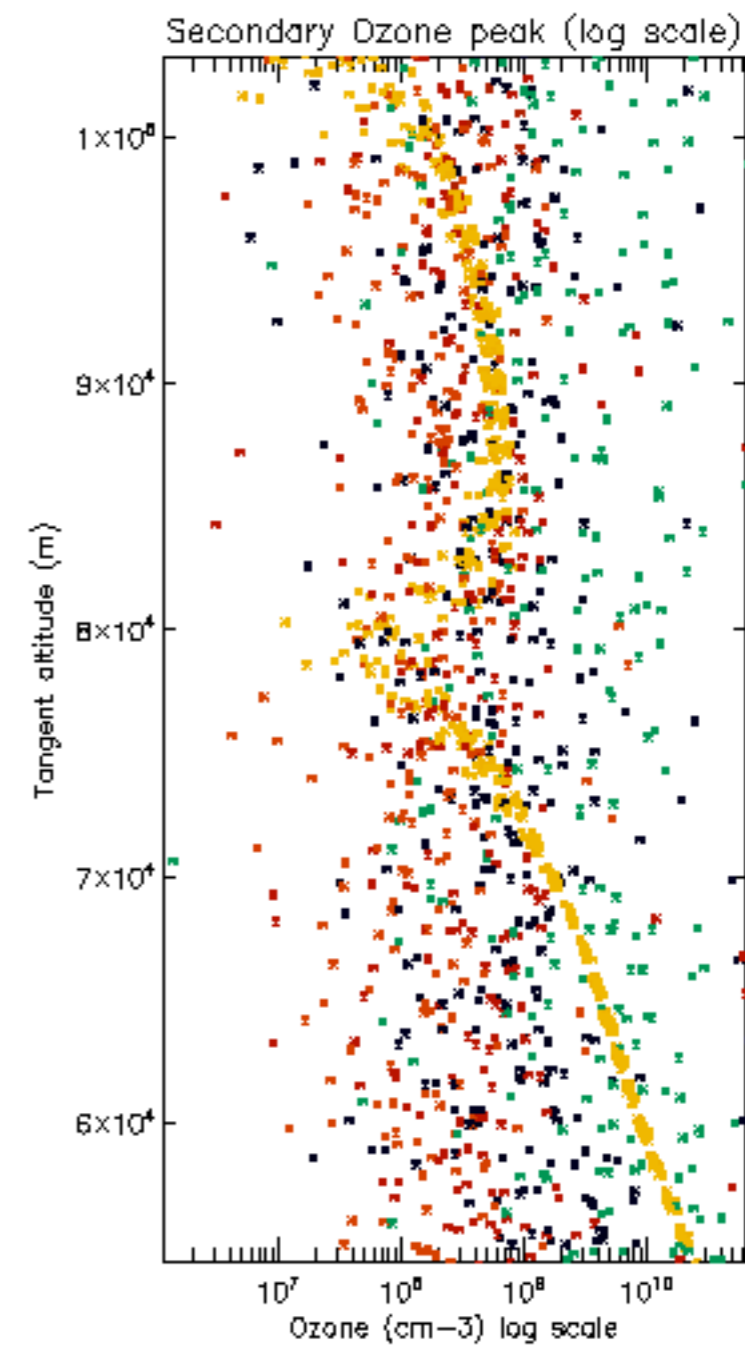
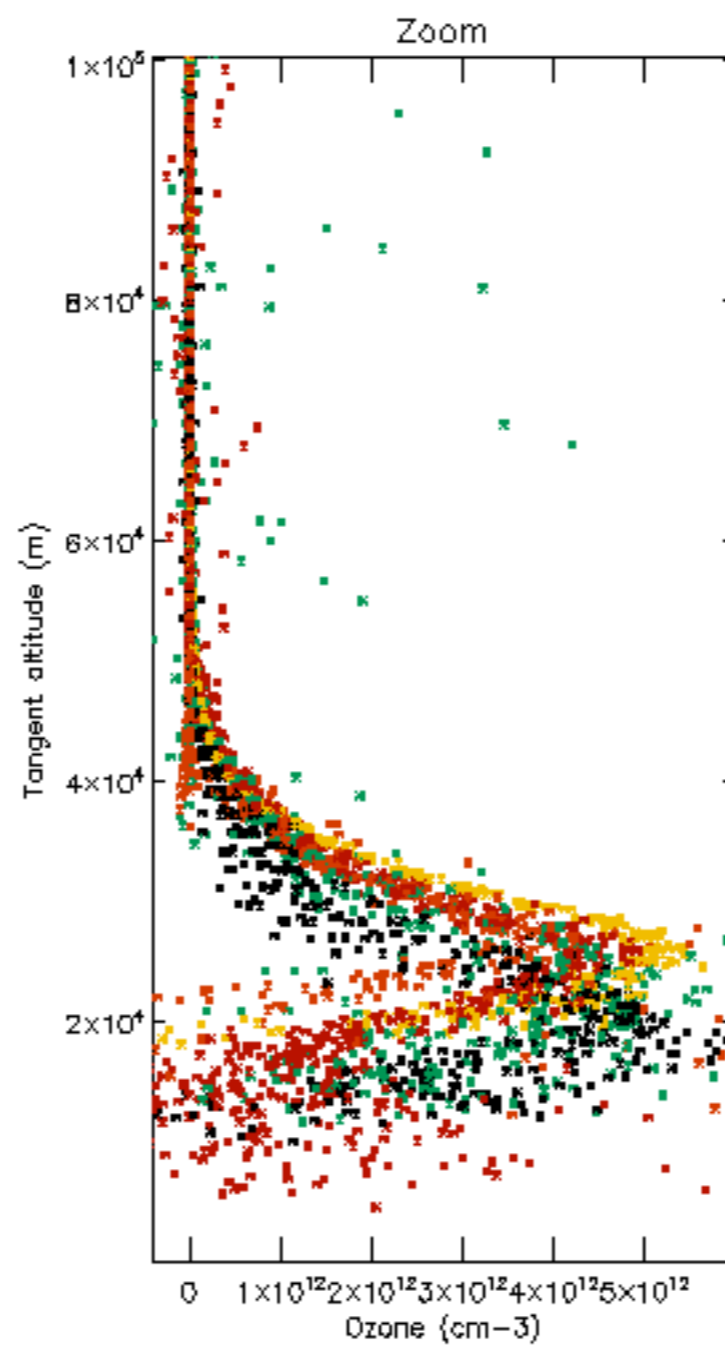
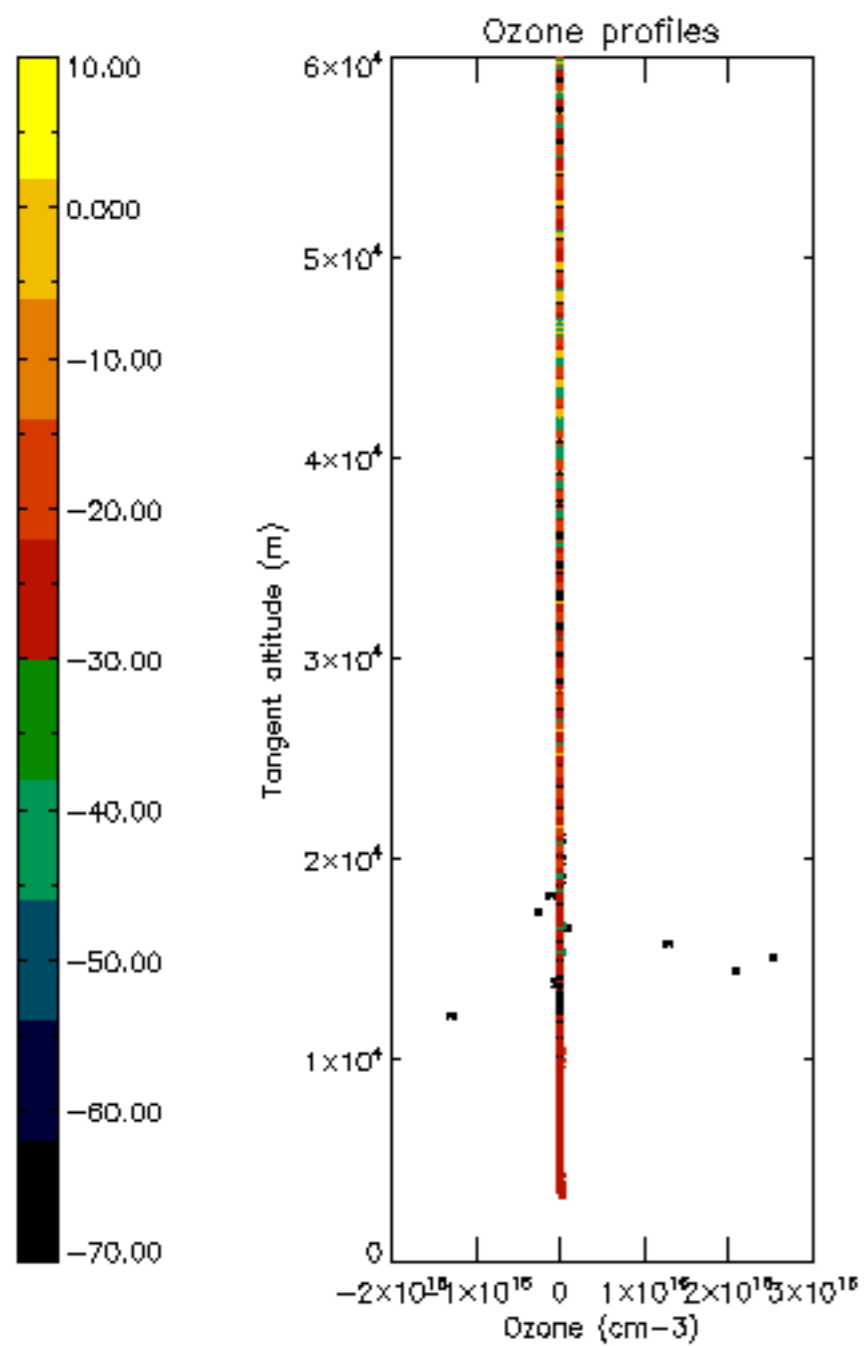


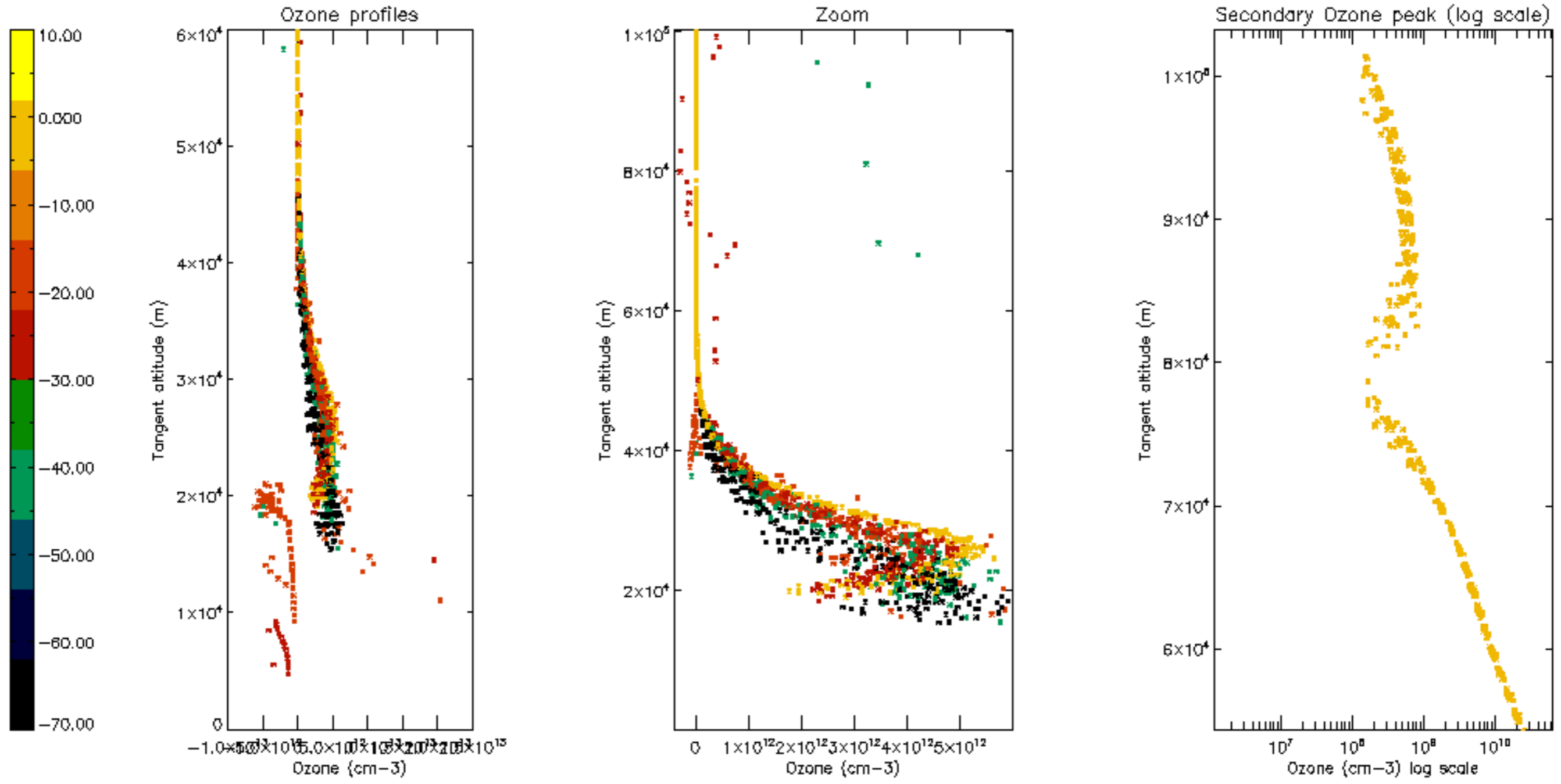
Percentage of star falling outside central band per profile

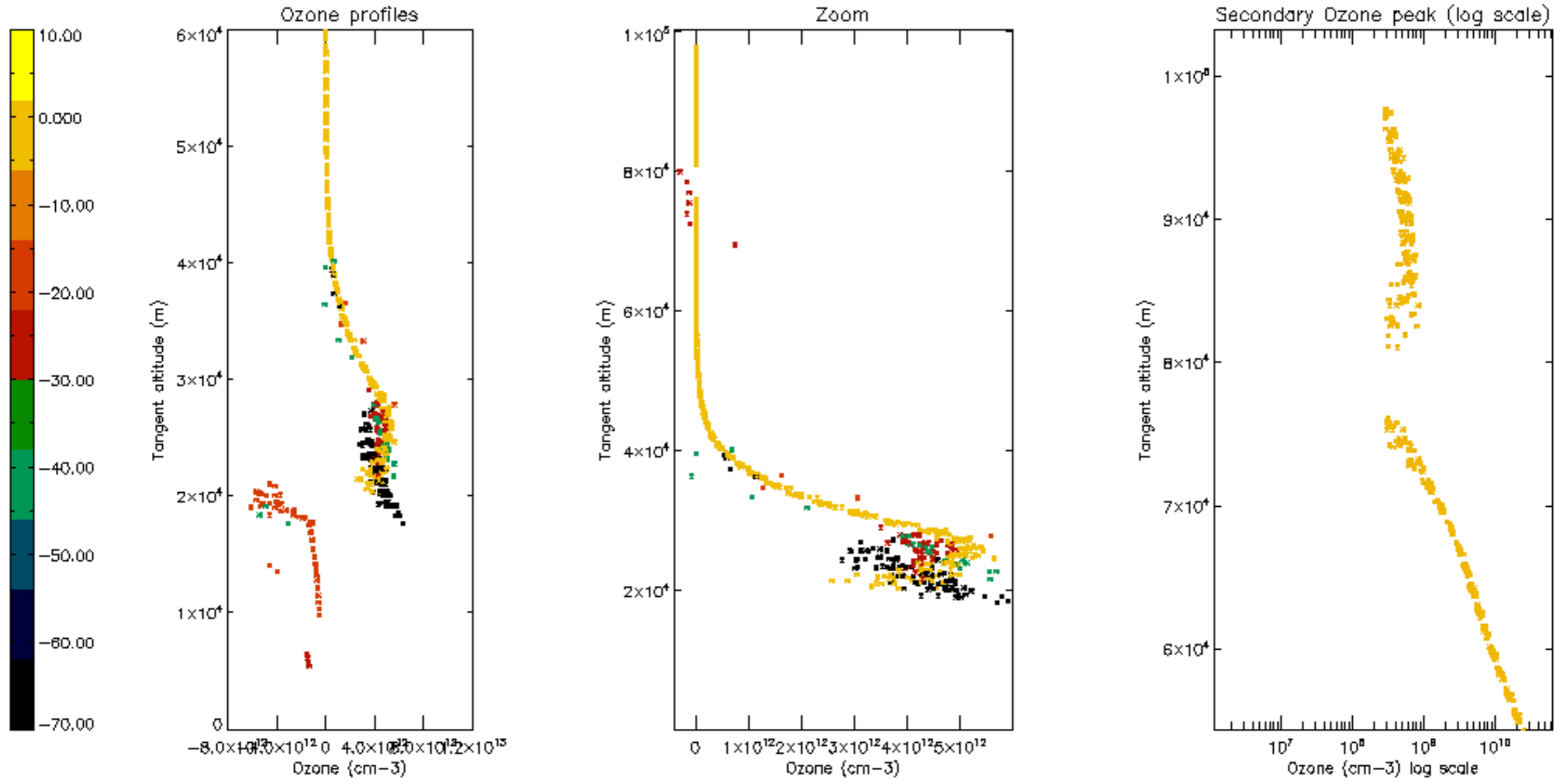


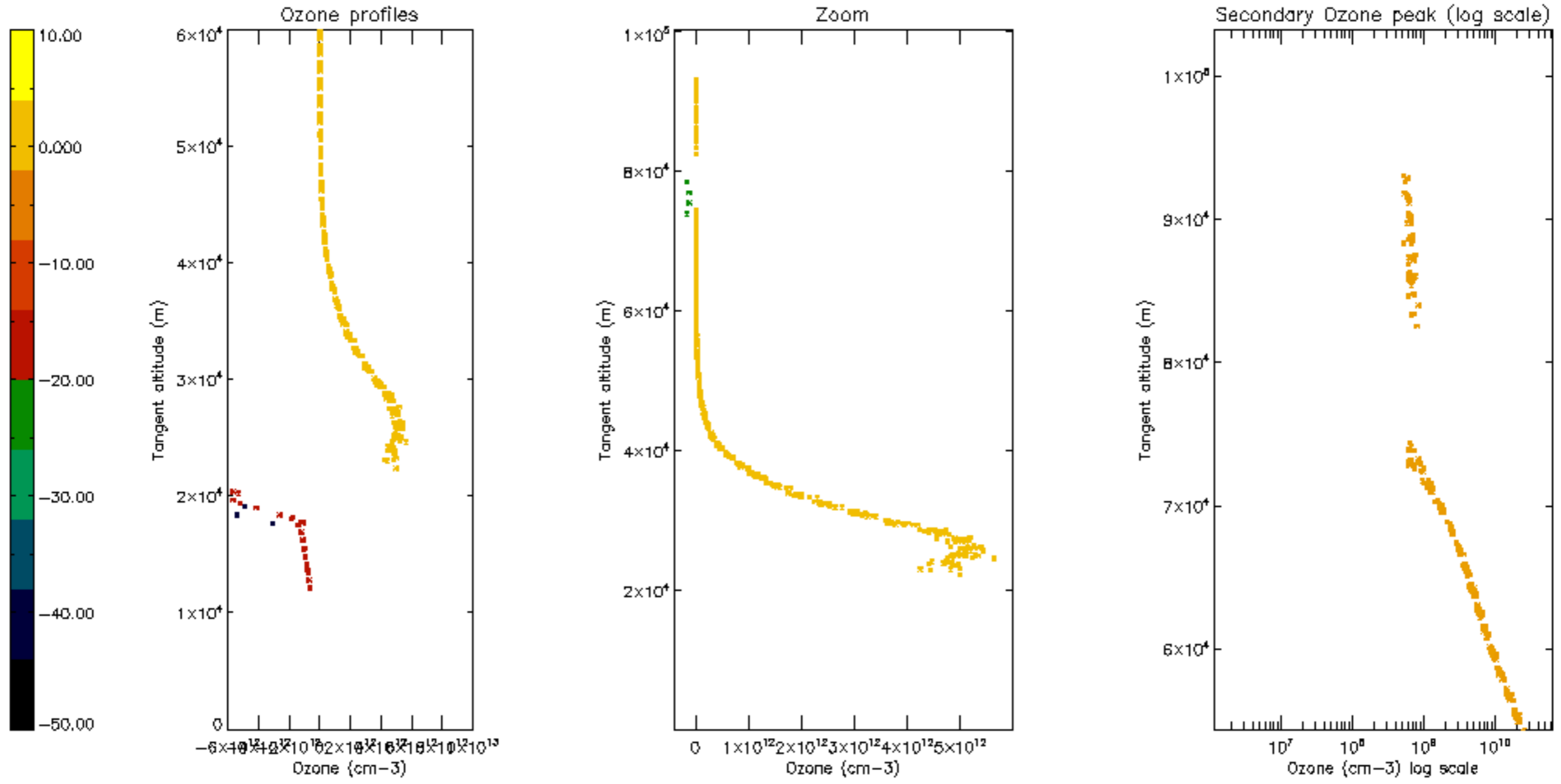
Percentage of saturation errors per profile

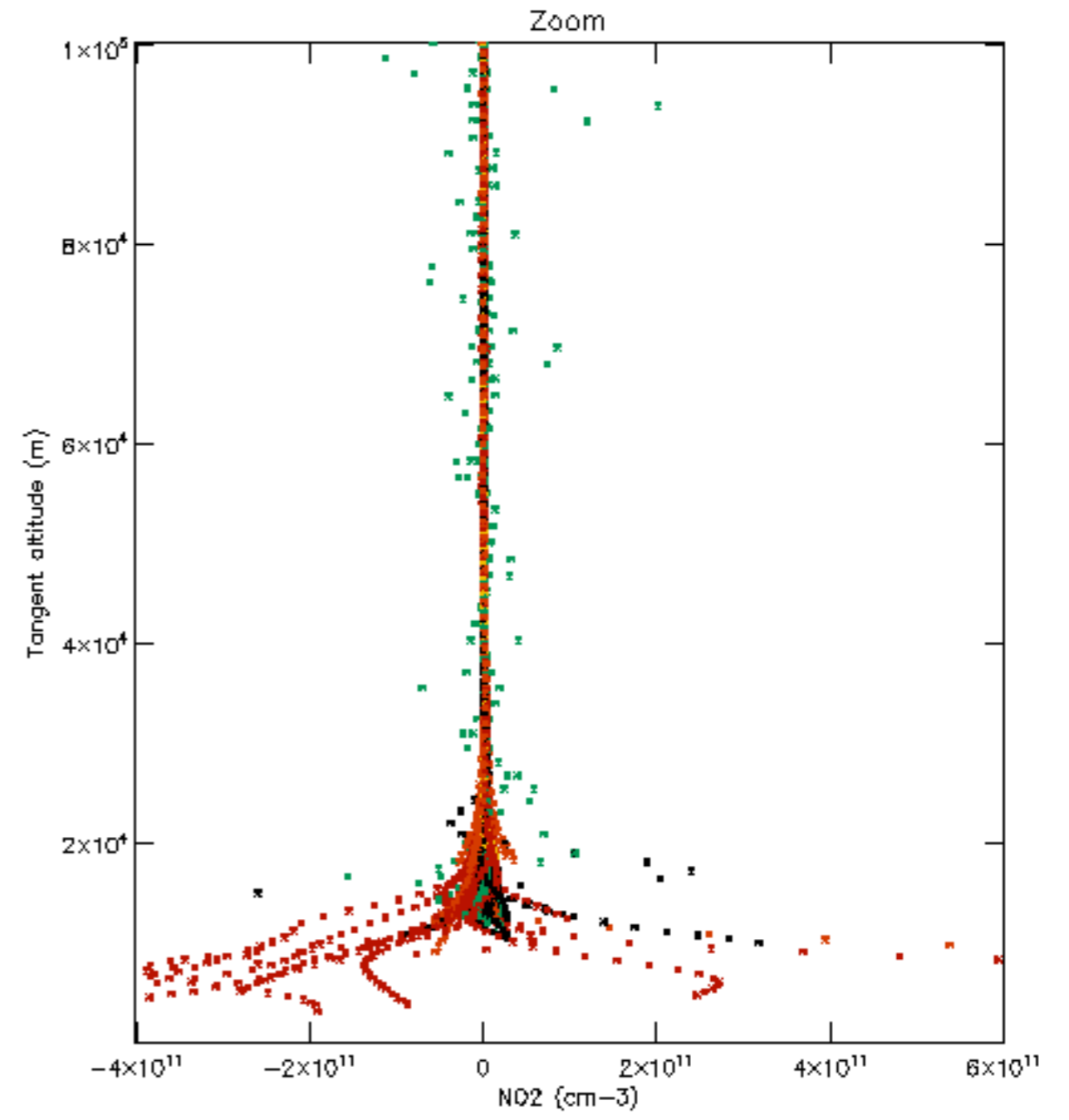
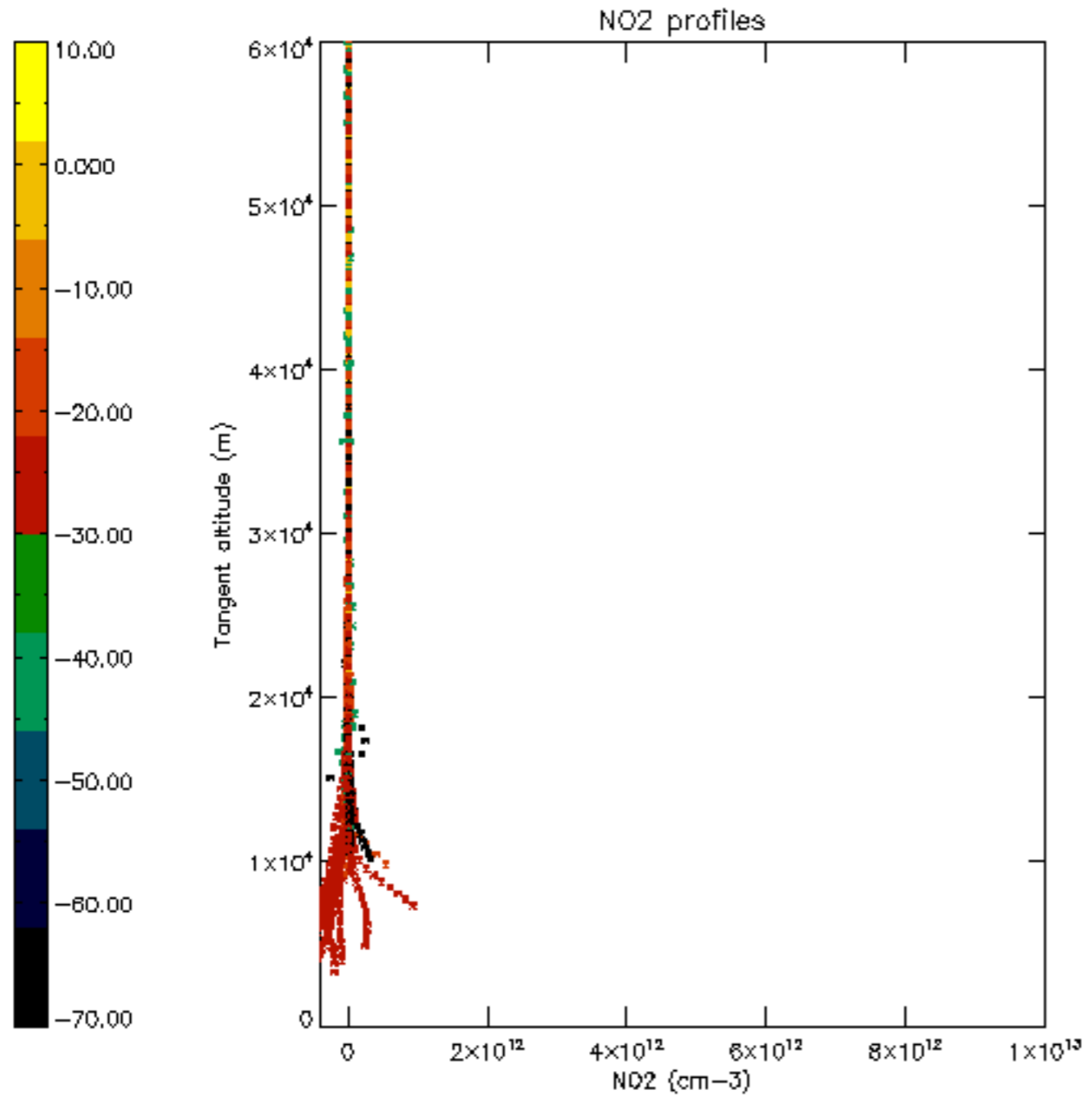


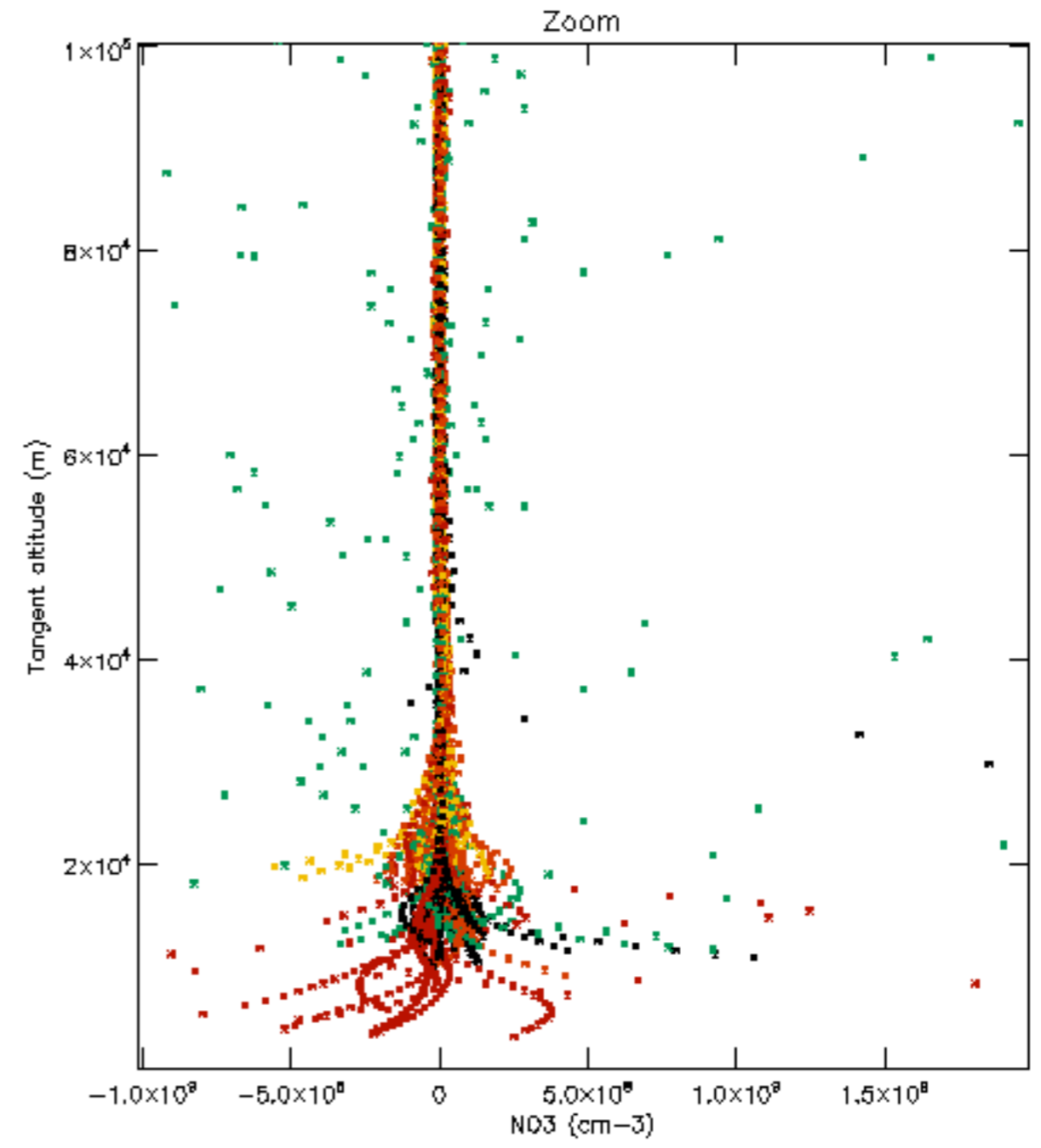
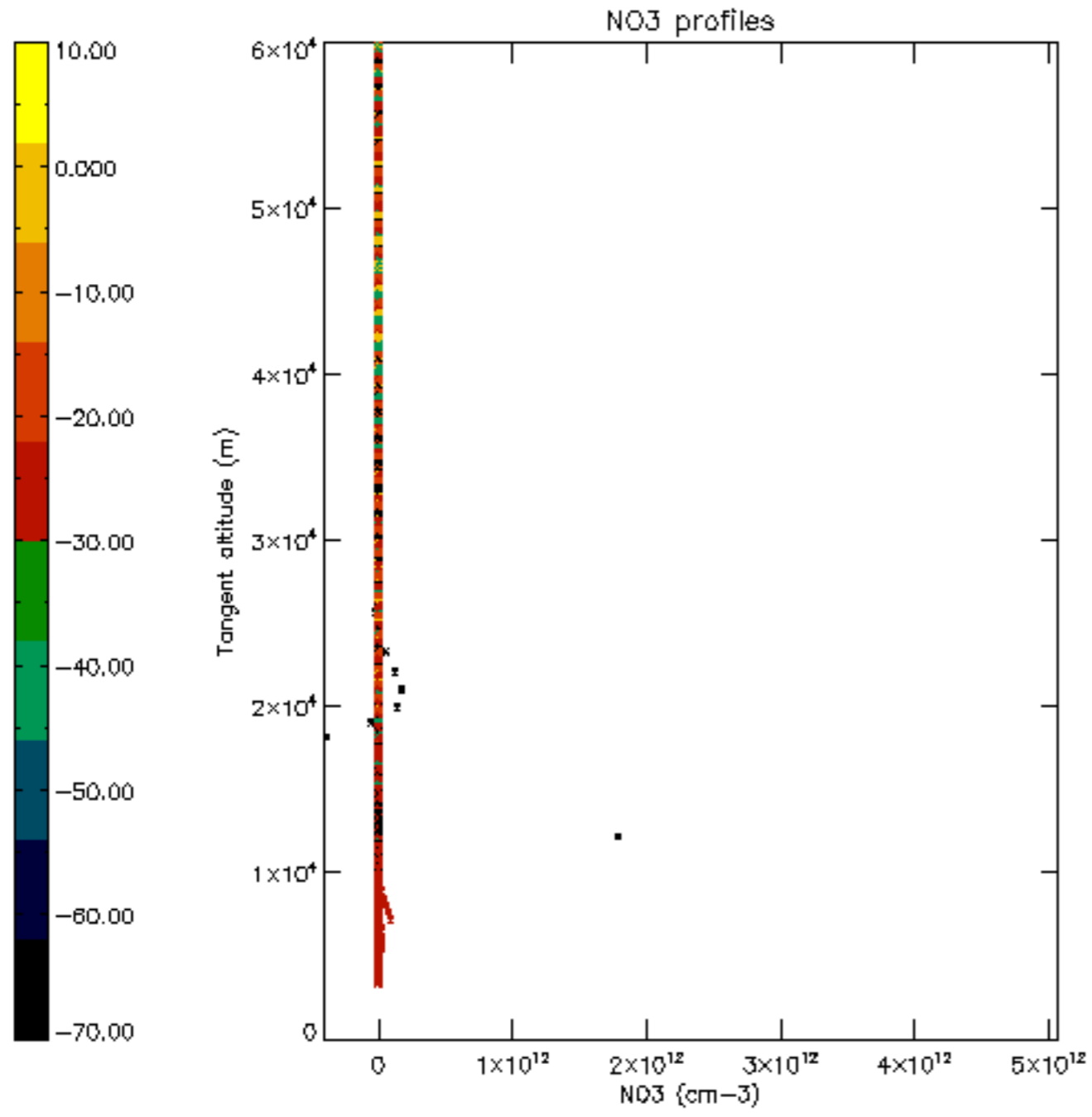


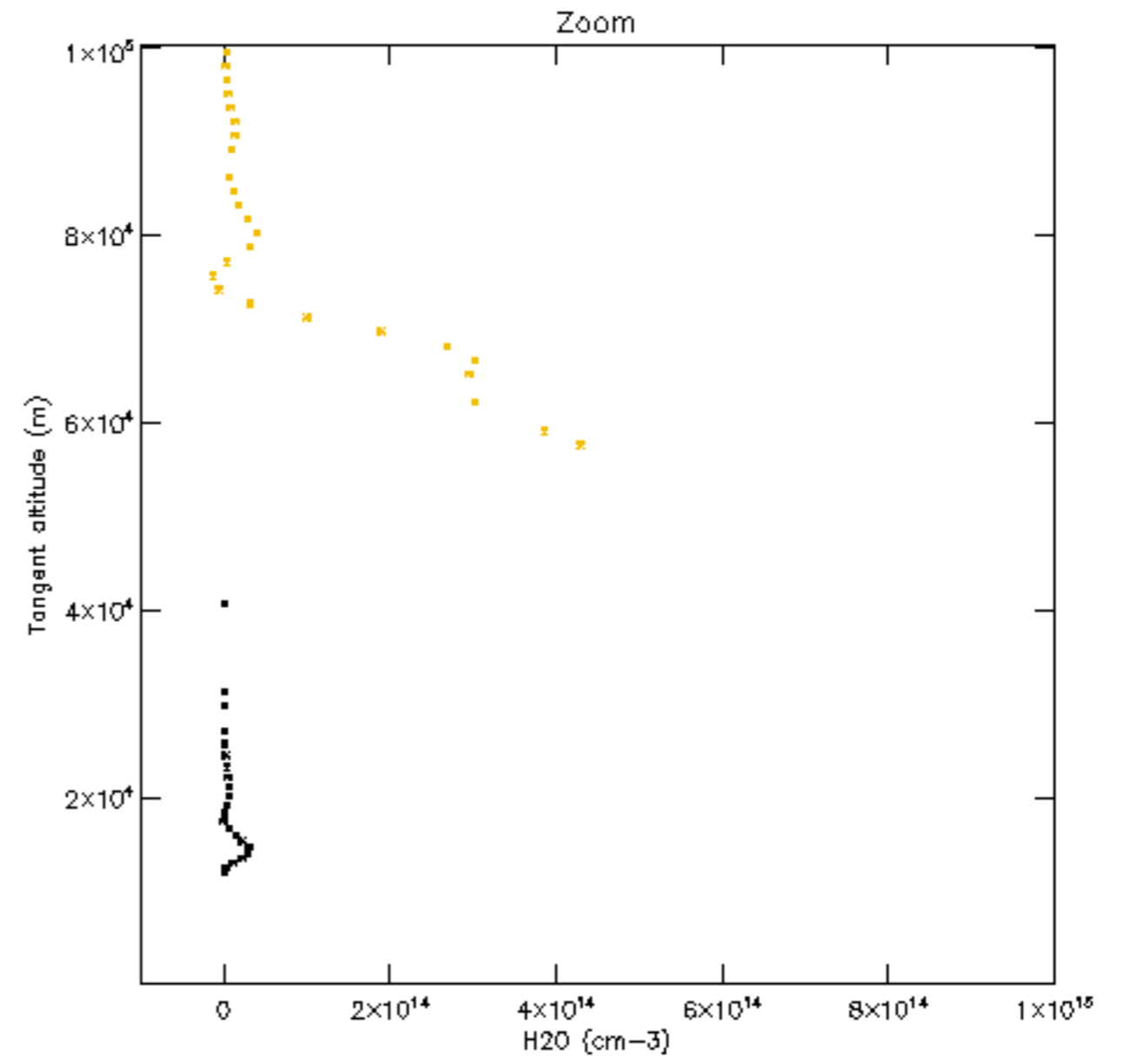
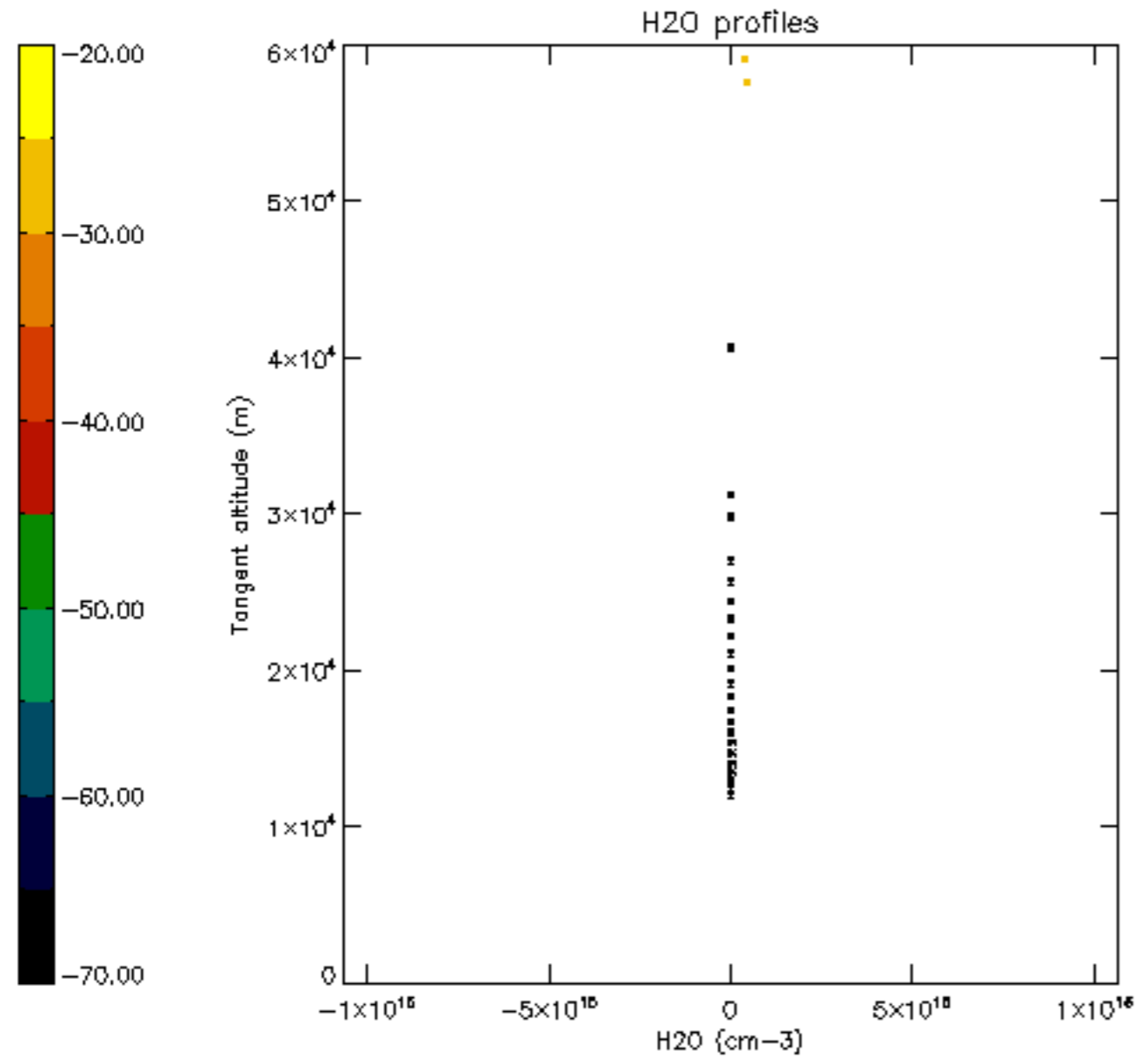


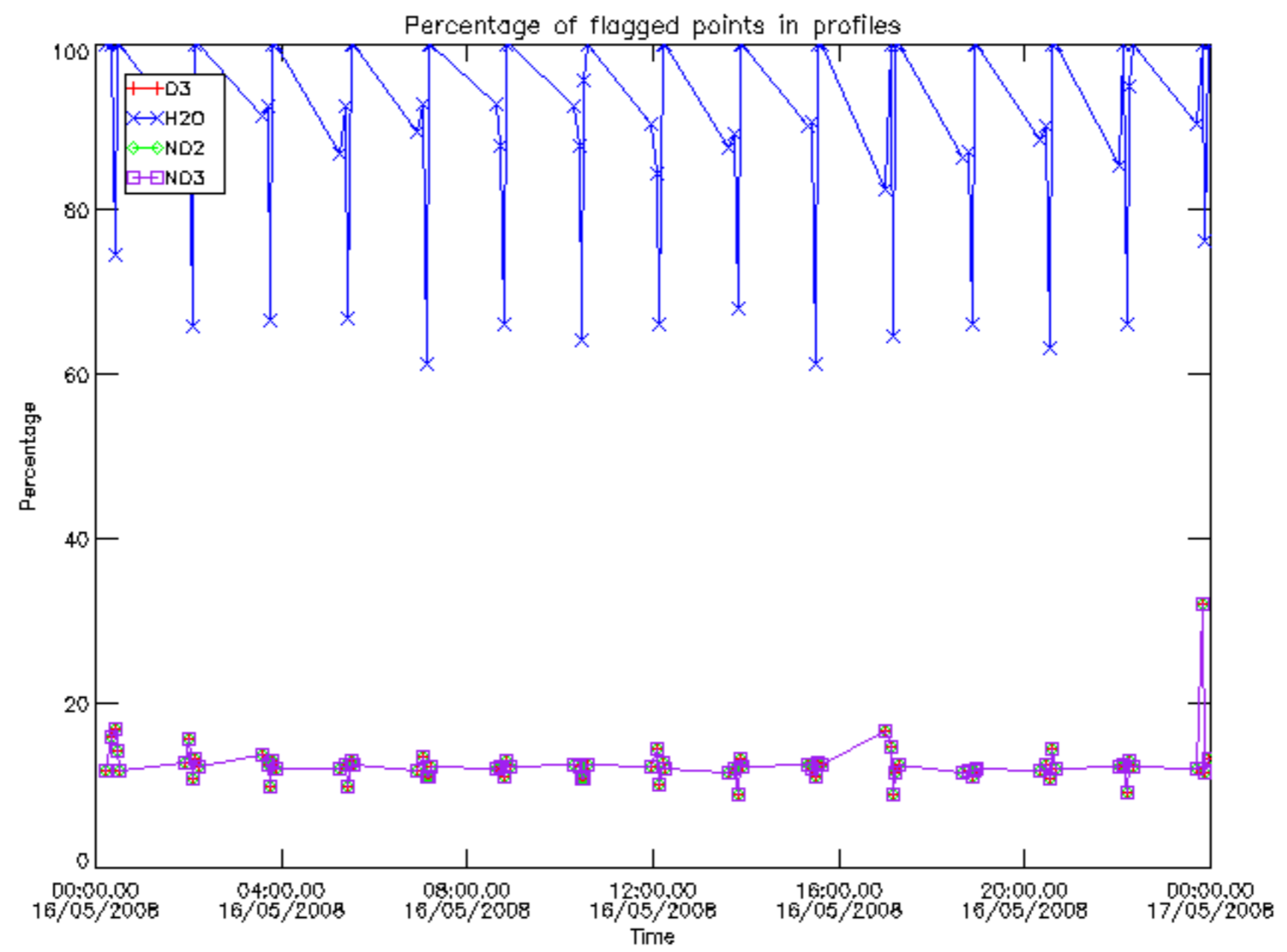




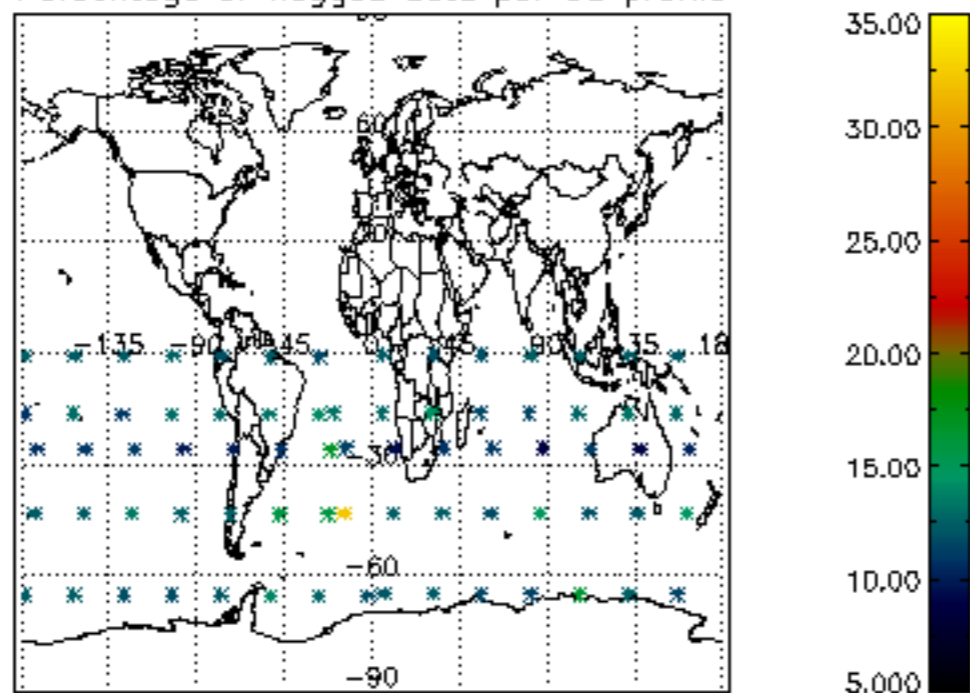




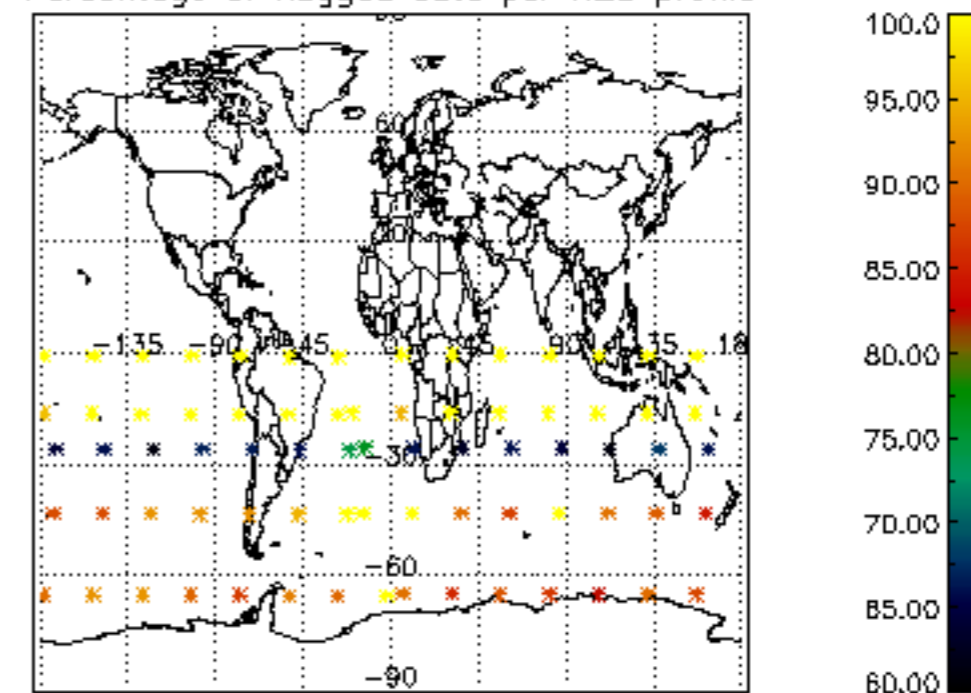




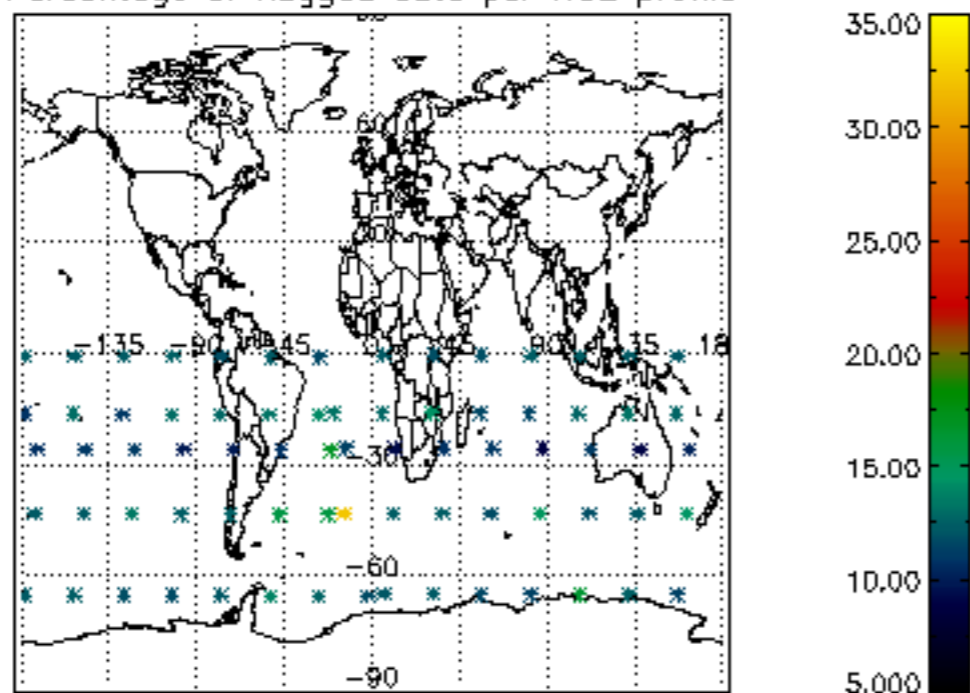
Percentage of flagged data per D3 profile



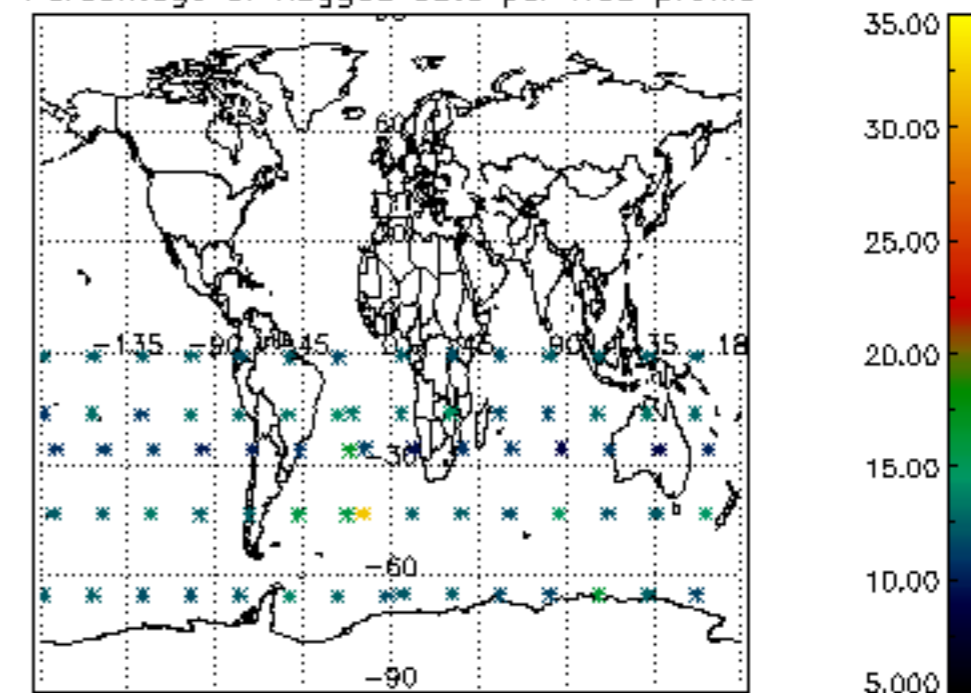
Percentage of flagged data per H2O profile

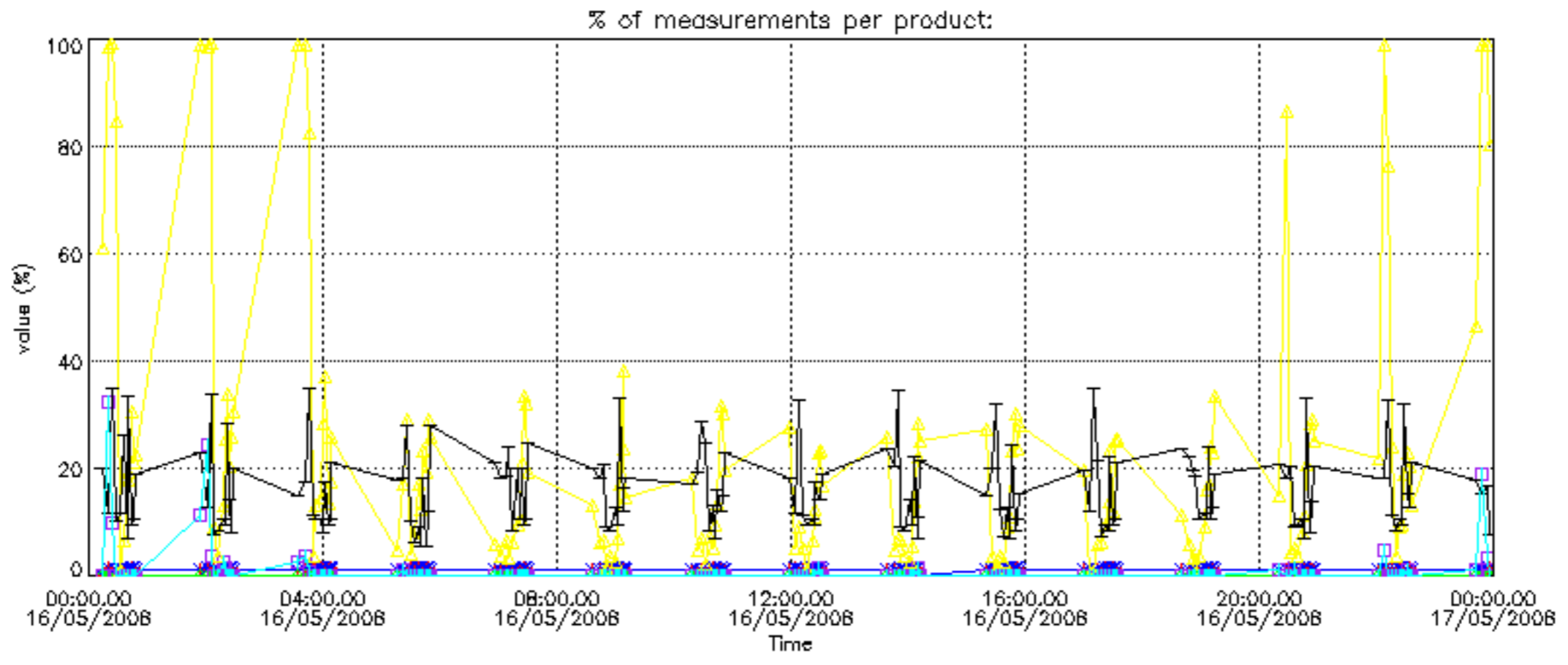


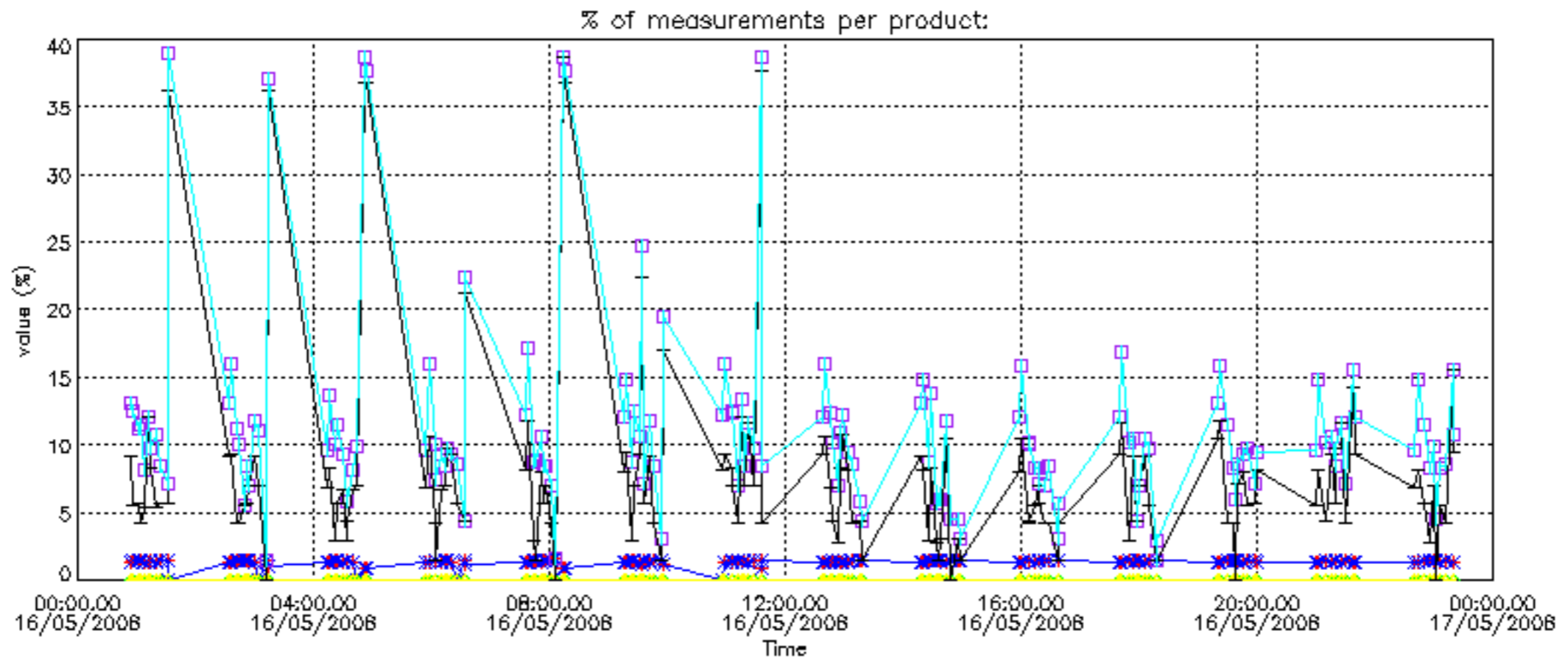
Percentage of flagged data per NO2 profile



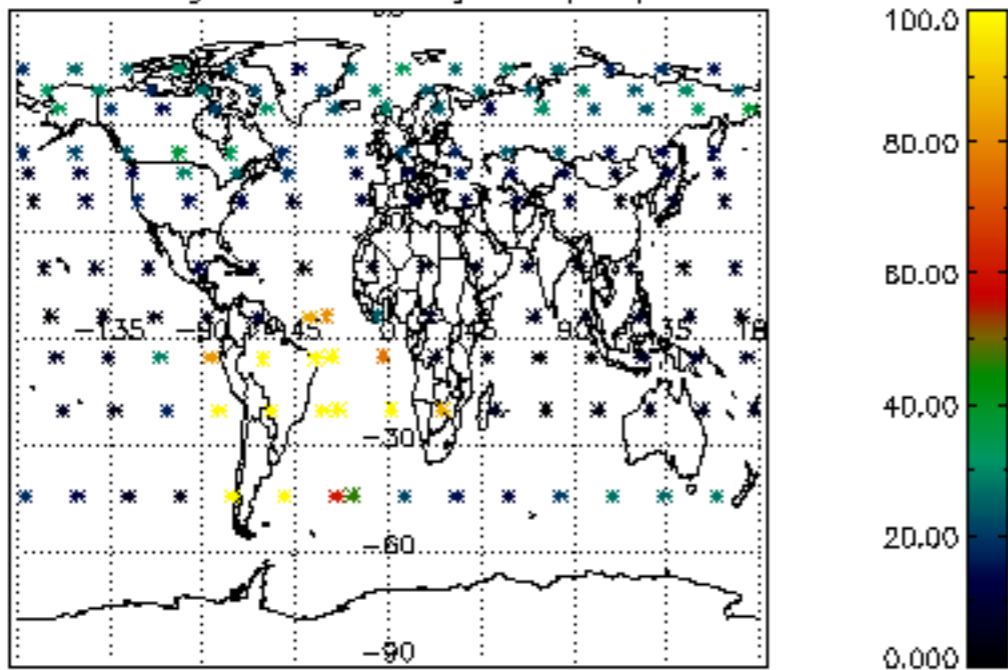
Percentage of flagged data per NO3 profile



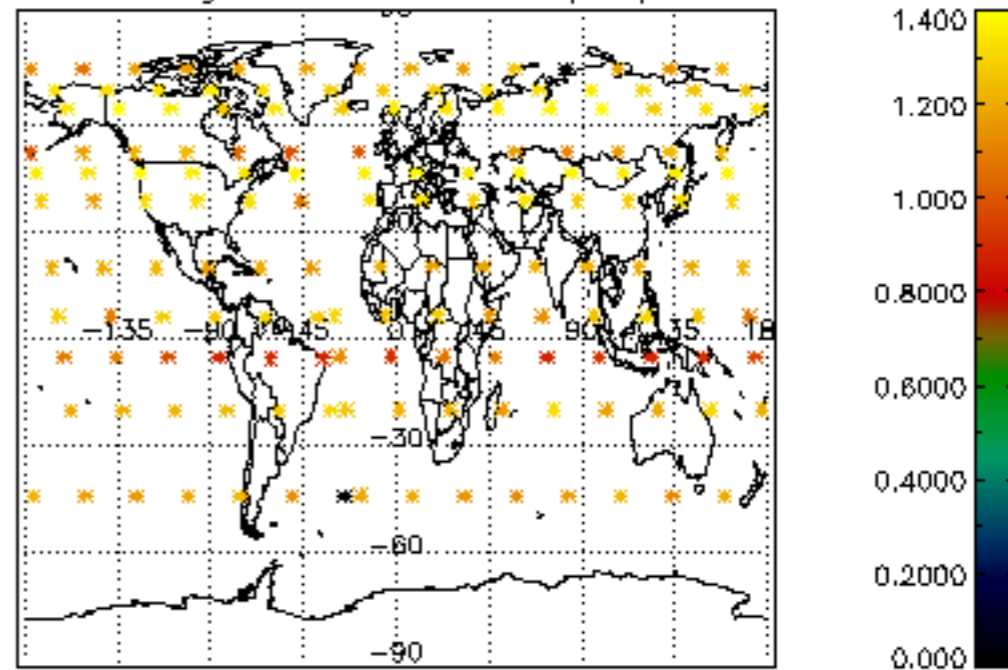




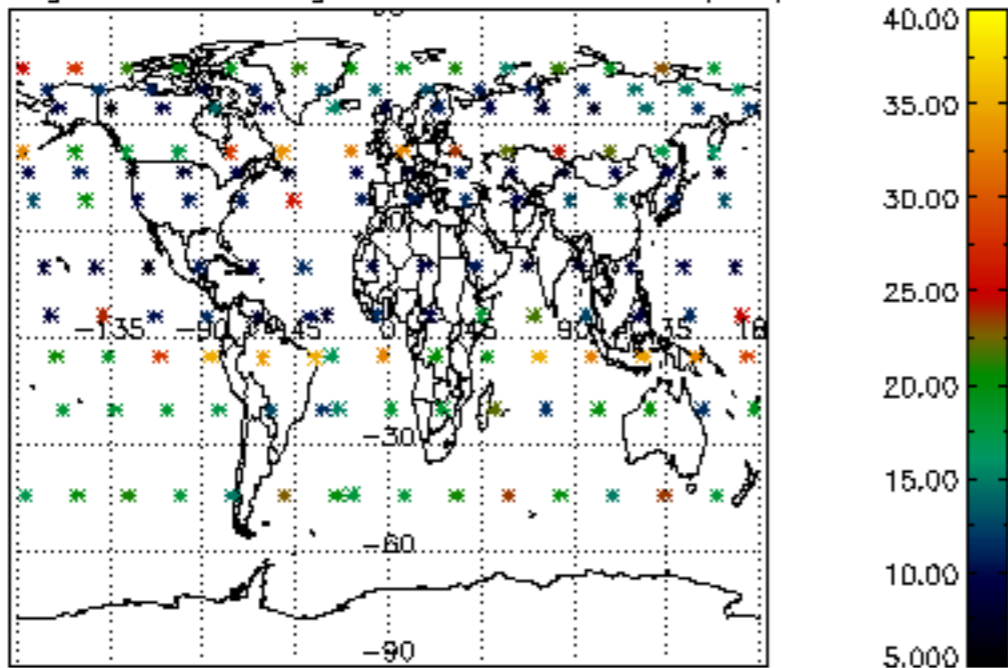
Percentage of cosmic ray hits per profile



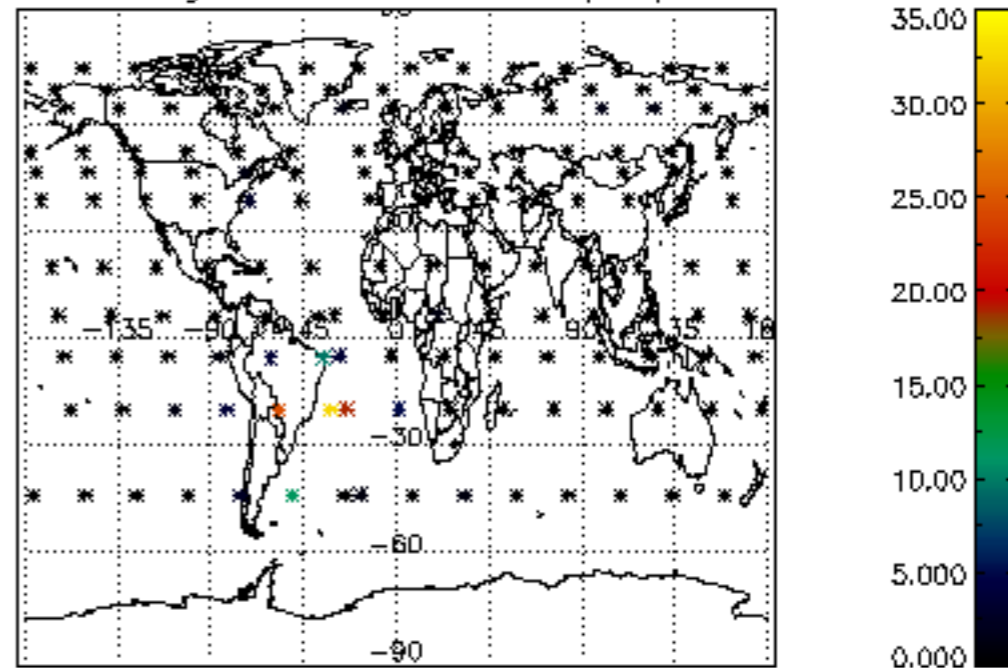
Percentage of datation errors per profile



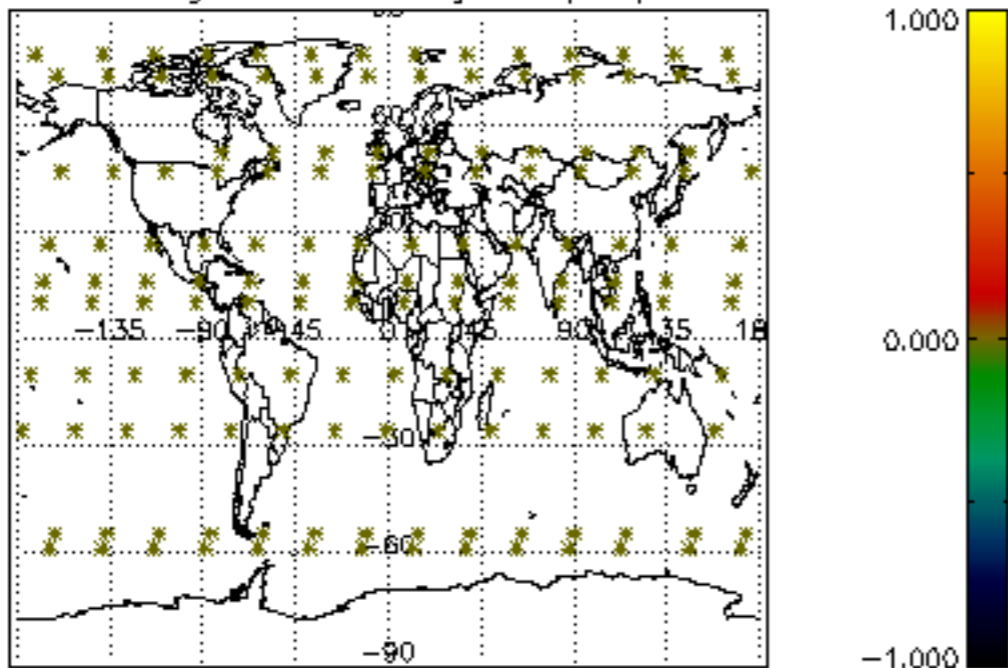
Percentage of star falling outside central band per profile



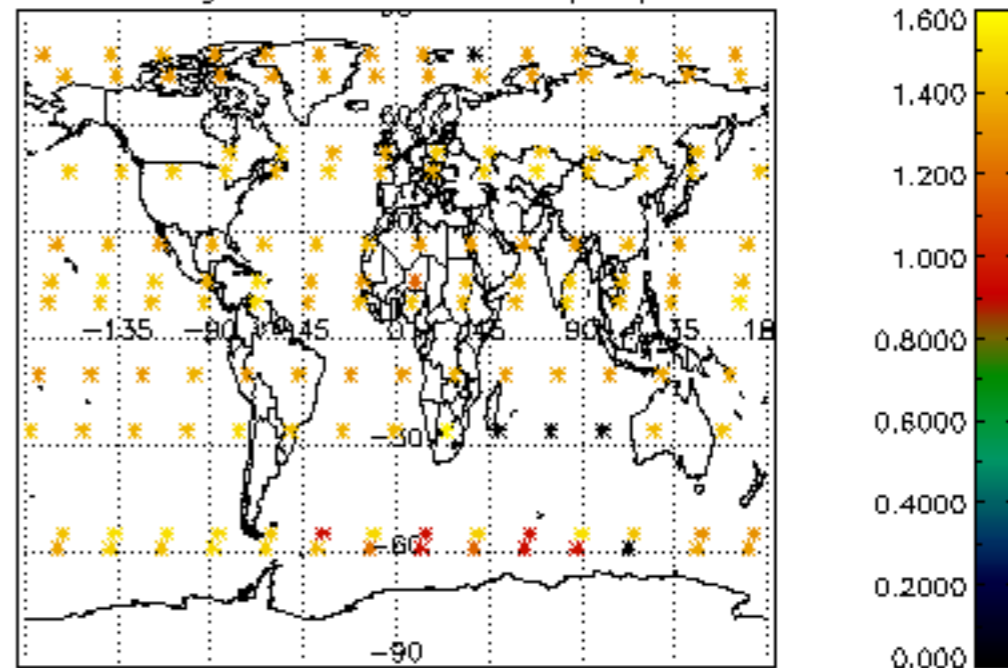
Percentage of saturation errors per profile



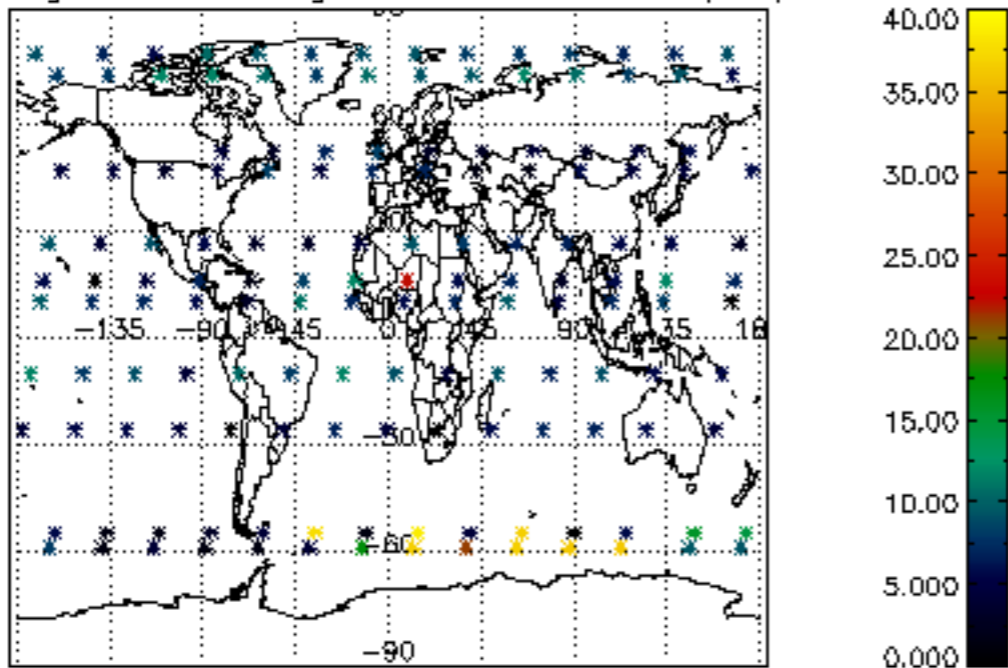
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

