

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	23APR2013 09:54:45
Data source version	GOMOS/6.01
Start time of products	01-11-2007 (01NOV2007 00:00:00)
Stop time of products	02-11-2007 (02NOV2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	212
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__2PRFIN20071101_001704_000000492063_00030_29643_8150.N1	01-NOV-2007 00:17:04	Dark	48.500	65	Lam Vel	2.2040	4400.0	97	29643	No
2	GOM_NL__2PRFIN20071101_001941_000000412063_00031_29644_8116.N1	01-NOV-2007 00:19:41	Dark	41.000	46	Del Vel	1.9540	10600.	82	29644	No
3	GOM_NL__2PRFIN20071101_002102_000000472063_00031_29644_8117.N1	01-NOV-2007 00:21:02	Dark	46.500	41	Eps Car	1.8600	4100.0	93	29644	No
4	GOM_NL__2PRFIN20071101_002609_000000502063_00031_29644_8118.N1	01-NOV-2007 00:26:09	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	29644	No
5	GOM_NL__2PRFIN20071101_003629_000000402063_00031_29644_8119.N1	01-NOV-2007 00:36:29	Straylight	39.500	157	The1Eri	2.9060	9300.0	79	29644	No
6	GOM_NL__2PRFIN20071101_005524_000000402063_00031_29644_8120.N1	01-NOV-2007 00:55:24	Bright	40.000	105	6Bet Ari	2.6450	8900.0	80	29644	No
7	GOM_NL__2PRFIN20071101_005925_000000382063_00031_29644_8121.N1	01-NOV-2007 00:59:25	Bright	38.000	53	43Bet And	2.0480	3300.0	76	29644	No
8	GOM_NL__2PRFIN20071101_010153_000000392063_00031_29644_8122.N1	01-NOV-2007 01:01:53	Bright	38.500	73	57Gam1And	2.2600	13100.	77	29644	No
9	GOM_NL__2PRFIN20071101_010517_000000362063_00031_29644_8123.N1	01-NOV-2007 01:05:17	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	29644	No
10	GOM_NL__2PRFIN20071101_010629_000000362063_00031_29644_8124.N1	01-NOV-2007 01:06:29	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	29644	No
11	GOM_NL__2PRFIN20071101_011434_000000362063_00031_29644_8125.N1	01-NOV-2007 01:14:34	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	29644	No
12	GOM_NL__2PRFIN20071101_012243_000000382063_00031_29644_8126.N1	01-NOV-2007 01:22:43	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	29644	No
13	GOM_NL__2PRFIN20071101_012419_000000562063_00031_29644_8127.N1	01-NOV-2007 01:24:19	Bright	56.000	82	48Bet UMa	2.3650	10600.	112	29644	No
14	GOM_NL__2PRFIN20071101_012759_000000562063_00031_29644_8128.N1	01-NOV-2007 01:27:59	Bright	56.000	174	52Psi UMa	3.0040	4400.0	112	29644	No
15	GOM_NL__2PRFIN20071101_013521_000000392063_00031_29644_8129.N1	01-NOV-2007 01:35:21	Bright	39.000	96	68Del Leo	2.5600	9300.0	78	29644	No
16	GOM_NL__2PRFIN20071101_015741_000000452063_00031_29644_8130.N1	01-NOV-2007 01:57:41	Dark	44.500	65	Lam Vel	2.2040	4400.0	89	29644	No
17	GOM_NL__2PRFIN20071101_020018_000000412063_00032_29645_8132.N1	01-NOV-2007 02:00:18	Dark	41.000	46	Del Vel	1.9540	10600.	82	29645	No
18	GOM_NL__2PRFIN20071101_020139_000000422063_00032_29645_8133.N1	01-NOV-2007 02:01:39	Dark	42.000	41	Eps Car	1.8600	4100.0	84	29645	No
19	GOM_NL__2PRFIN20071101_020646_000000532063_00032_29645_8134.N1	01-NOV-2007 02:06:46	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	29645	No
20	GOM_NL__2PRFIN20071101_021705_000000412063_00032_29645_8135.N1	01-NOV-2007 02:17:05	Straylight	40.500	157	The1Eri	2.9060	9300.0	81	29645	No
21	GOM_NL__2PRFIN20071101_023600_000000382063_00032_29645_8136.N1	01-NOV-2007 02:36:00	Bright	38.000	105	6Bet Ari	2.6450	8900.0	76	29645	No
22	GOM_NL__2PRFIN20071101_024000_000000362063_00032_29645_8137.N1	01-NOV-2007 02:40:00	Bright	35.500	53	43Bet And	2.0480	3300.0	71	29645	No
23	GOM_NL__2PRFIN20071101_024228_000000402063_00032_29645_8138.N1	01-NOV-2007 02:42:28	Bright	40.000	73	57Gam1And	2.2600	13100.	80	29645	No
24	GOM_NL__2PRFIN20071101_024553_000000362063_00032_29645_8139.N1	01-NOV-2007 02:45:53	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	29645	No
25	GOM_NL__2PRFIN20071101_024705_000000352063_00032_29645_8140.N1	01-NOV-2007 02:47:05	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	29645	No
26	GOM_NL__2PRFIN20071101_025509_000000342063_00032_29645_8141.N1	01-NOV-2007 02:55:09	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	29645	No
27	GOM_NL__2PRFIN20071101_030318_000000392063_00032_29645_8142.N1	01-NOV-2007 03:03:18	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	29645	No
28	GOM_NL__2PRFIN20071101_030455_000000362063_00032_29645_8143.N1	01-NOV-2007 03:04:55	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	29645	No
29	GOM_NL__2PRFIN20071101_030835_000000382063_00032_29645_8144.N1	01-NOV-2007 03:08:35	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	29645	No
30	GOM_NL__2PRFIN20071101_031558_000000392063_00032_29645_8145.N1	01-NOV-2007 03:15:58	Bright	38.500	96	68Del Leo	2.5600	9300.0	77	29645	No
31	GOM_NL__2PRFIN20071101_033818_000000532063_00032_29645_8146.N1	01-NOV-2007 03:38:18	Dark	52.500	65	Lam Vel	2.2040	4400.0	105	29645	No
32	GOM_NL__2PRFIN20071101_034054_000000432063_00033_29646_8149.N1	01-NOV-2007 03:40:54	Dark	42.500	46	Del Vel	1.9540	10600.	85	29646	No
33	GOM_NL__2PRFIN20071101_034215_000000412063_00033_29646_8150.N1	01-NOV-2007 03:42:15	Dark	41.000	41	Eps Car	1.8600	4100.0	82	29646	No
34	GOM_NL__2PRFIN20071101_034722_000000492063_00033_29646_8151.N1	01-NOV-2007 03:47:22	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	29646	No
35	GOM_NL__2PRFIN20071101_035741_000000412063_00033_29646_8152.N1	01-NOV-2007 03:57:41	Straylight	41.000	157	The1Eri	2.9060	9300.0	82	29646	No
36	GOM_NL__2PRFIN20071101_041636_000000392063_00033_29646_8153.N1	01-NOV-2007 04:16:36	Bright	38.500	105	6Bet Ari	2.6450	8900.0	77	29646	No
37	GOM_NL__2PRFIN20071101_042036_000000372063_00033_29646_8154.N1	01-NOV-2007 04:20:36	Bright	36.500	53	43Bet And	2.0480	3300.0	73	29646	No
38	GOM_NL__2PRFIN20071101_042304_000000412063_00033_29646_8155.N1	01-NOV-2007 04:23:04	Bright	40.500	73	57Gam1And	2.2600	13100.	81	29646	No
39	GOM_NL__2PRFIN20071101_042629_000000372063_00033_29646_8156.N1	01-NOV-2007 04:26:29	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	29646	No
40	GOM_NL__2PRFIN20071101_042741_000000362063_00033_29646_8157.N1	01-NOV-2007 04:27:41	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	29646	No
41	GOM_NL__2PRFIN20071101_043545_000000332063_00033_29646_8158.N1	01-NOV-2007 04:35:45	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	29646	No
42	GOM_NL__2PRFIN20071101_044354_000000402063_00033_29646_8159.N1	01-NOV-2007 04:43:54	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	29646	No

43	GOM_NL__2PRFIN20071101_044531_000000432063_00033_29646_8160.N1	01-NOV-2007 04:45:31	Bright	43.000	82	48Bet UMa	2.3650	10600.	86	29646	No
44	GOM_NL__2PRFIN20071101_044911_000000562063_00033_29646_8161.N1	01-NOV-2007 04:49:11	Bright	56.000	174	52Psi UMa	3.0040	4400.0	112	29646	No
45	GOM_NL__2PRFIN20071101_045634_000000422063_00033_29646_8162.N1	01-NOV-2007 04:56:34	Bright	42.000	96	68Del Leo	2.5600	9300.0	84	29646	No
46	GOM_NL__2PRFIN20071101_051855_000000492063_00033_29646_8163.N1	01-NOV-2007 05:18:55	Dark	49.000	65	Lam Vel	2.2040	4400.0	98	29646	No
47	GOM_NL__2PRFIN20071101_052131_000000452063_00034_29647_8163.N1	01-NOV-2007 05:21:31	Dark	45.000	46	Del Vel	1.9540	10600.	90	29647	No
48	GOM_NL__2PRFIN20071101_052252_000000512063_00034_29647_8164.N1	01-NOV-2007 05:22:52	Dark	50.500	41	Eps Car	1.8600	4100.0	101	29647	No
49	GOM_NL__2PRFIN20071101_052759_000000632063_00034_29647_8165.N1	01-NOV-2007 05:27:59	Dark	63.000	2	Alp Car	-0.73600	7000.0	126	29647	No
50	GOM_NL__2PRFIN20071101_053818_000000382063_00034_29647_8166.N1	01-NOV-2007 05:38:18	Straylight	38.000	157	The1Eri	2.9060	9300.0	76	29647	No
51	GOM_NL__2PRFIN20071101_055712_000000382063_00034_29647_8167.N1	01-NOV-2007 05:57:12	Bright	37.500	105	6Bet Ari	2.6450	8900.0	75	29647	No
52	GOM_NL__2PRFIN20071101_060112_000000402063_00034_29647_8168.N1	01-NOV-2007 06:01:12	Bright	39.500	53	43Bet And	2.0480	3300.0	79	29647	No
53	GOM_NL__2PRFIN20071101_060340_000000412063_00034_29647_8169.N1	01-NOV-2007 06:03:40	Bright	40.500	73	57Gam1And	2.2600	13100.	81	29647	No
54	GOM_NL__2PRFIN20071101_060705_000000362063_00034_29647_8170.N1	01-NOV-2007 06:07:05	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	29647	No
55	GOM_NL__2PRFIN20071101_060817_000000362063_00034_29647_8171.N1	01-NOV-2007 06:08:17	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	29647	No
56	GOM_NL__2PRFIN20071101_061621_000000362063_00034_29647_8172.N1	01-NOV-2007 06:16:21	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	29647	No
57	GOM_NL__2PRFIN20071101_062430_000000372063_00034_29647_8173.N1	01-NOV-2007 06:24:30	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	29647	No
58	GOM_NL__2PRFIN20071101_062607_000000362063_00034_29647_8174.N1	01-NOV-2007 06:26:07	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	29647	No
59	GOM_NL__2PRFIN20071101_062947_000000372063_00034_29647_8175.N1	01-NOV-2007 06:29:47	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	29647	No
60	GOM_NL__2PRFIN20071101_063710_000000462063_00034_29647_8176.N1	01-NOV-2007 06:37:10	Bright	45.500	96	68Del Leo	2.5600	9300.0	91	29647	No
61	GOM_NL__2PRFIN20071101_065932_000000582063_00034_29647_8177.N1	01-NOV-2007 06:59:32	Dark	58.000	65	Lam Vel	2.2040	4400.0	116	29647	No
62	GOM_NL__2PRFIN20071101_070208_000000422063_00035_29648_8177.N1	01-NOV-2007 07:02:08	Dark	42.000	46	Del Vel	1.9540	10600.	84	29648	No
63	GOM_NL__2PRFIN20071101_070328_000000412063_00035_29648_8178.N1	01-NOV-2007 07:03:28	Dark	40.500	41	Eps Car	1.8600	4100.0	81	29648	No
64	GOM_NL__2PRFIN20071101_070836_000000502063_00035_29648_8179.N1	01-NOV-2007 07:08:36	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	29648	No
65	GOM_NL__2PRFIN20071101_071854_000000412063_00035_29648_8180.N1	01-NOV-2007 07:18:54	Straylight	40.500	157	The1Eri	2.9060	9300.0	81	29648	No
66	GOM_NL__2PRFIN20071101_073748_000000372063_00035_29648_8181.N1	01-NOV-2007 07:37:48	Bright	37.000	105	6Bet Ari	2.6450	8900.0	74	29648	No
67	GOM_NL__2PRFIN20071101_074148_000000372063_00035_29648_8182.N1	01-NOV-2007 07:41:48	Bright	36.500	53	43Bet And	2.0480	3300.0	73	29648	No
68	GOM_NL__2PRFIN20071101_074415_000000382063_00035_29648_8183.N1	01-NOV-2007 07:44:15	Bright	38.000	73	57Gam1And	2.2600	13100.	76	29648	No
69	GOM_NL__2PRFIN20071101_074741_000000372063_00035_29648_8184.N1	01-NOV-2007 07:47:41	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	29648	No
70	GOM_NL__2PRFIN20071101_074853_000000362063_00035_29648_8185.N1	01-NOV-2007 07:48:53	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	29648	No
71	GOM_NL__2PRFIN20071101_075657_000000362063_00035_29648_8186.N1	01-NOV-2007 07:56:57	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	29648	No
72	GOM_NL__2PRFIN20071101_080506_000000402063_00035_29648_8187.N1	01-NOV-2007 08:05:06	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	29648	No
73	GOM_NL__2PRFIN20071101_080642_000000382063_00035_29648_8188.N1	01-NOV-2007 08:06:42	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	29648	No
74	GOM_NL__2PRFIN20071101_081023_000000562063_00035_29648_8189.N1	01-NOV-2007 08:10:23	Bright	56.000	174	52Psi UMa	3.0040	4400.0	112	29648	No
75	GOM_NL__2PRFIN20071101_081746_000000532063_00035_29648_8190.N1	01-NOV-2007 08:17:46	Bright	53.000	96	68Del Leo	2.5600	9300.0	106	29648	No
76	GOM_NL__2PRFIN20071101_084008_000000502063_00035_29648_8191.N1	01-NOV-2007 08:40:08	Dark	49.500	65	Lam Vel	2.2040	4400.0	99	29648	No
77	GOM_NL__2PRFIN20071101_084244_000000402063_00036_29649_8192.N1	01-NOV-2007 08:42:44	Dark	40.000	46	Del Vel	1.9540	10600.	80	29649	No
78	GOM_NL__2PRFIN20071101_084405_000000532063_00036_29649_8193.N1	01-NOV-2007 08:44:05	Dark	53.000	41	Eps Car	1.8600	4100.0	106	29649	No
79	GOM_NL__2PRFIN20071101_084913_000000492063_00036_29649_8194.N1	01-NOV-2007 08:49:13	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	29649	No
80	GOM_NL__2PRFIN20071101_085930_000000402063_00036_29649_8195.N1	01-NOV-2007 08:59:30	Straylight	40.000	157	The1Eri	2.9060	9300.0	80	29649	No
81	GOM_NL__2PRFIN20071101_091823_000000382063_00036_29649_8196.N1	01-NOV-2007 09:18:23	Bright	37.500	105	6Bet Ari	2.6450	8900.0	75	29649	No
82	GOM_NL__2PRFIN20071101_092224_000000352063_00036_29649_8197.N1	01-NOV-2007 09:22:24	Bright	35.000	53	43Bet And	2.0480	3300.0	70	29649	No
83	GOM_NL__2PRFIN20071101_092451_000000412063_00036_29649_8198.N1	01-NOV-2007 09:24:51	Bright	40.500	73	57Gam1And	2.2600	13100.	81	29649	No
84	GOM_NL__2PRFIN20071101_092817_000000362063_00036_29649_8199.N1	01-NOV-2007 09:28:17	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	29649	No
85	GOM_NL__2PRFIN20071101_092929_000000352063_00036_29649_8200.N1	01-NOV-2007 09:29:29	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	29649	No
86	GOM_NL__2PRFIN20071101_093733_000000362063_00036_29649_8201.N1	01-NOV-2007 09:37:33	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	29649	No
87	GOM_NL__2PRFIN20071101_094542_000000392063_00036_29649_8202.N1	01-NOV-2007 09:45:42	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	29649	No
88	GOM_NL__2PRFIN20071101_094718_000000442063_00036_29649_8203.N1	01-NOV-2007 09:47:18	Bright	43.500	82	48Bet UMa	2.3650	10600.	87	29649	No
89	GOM_NL__2PRFIN20071101_095059_000000392063_00036_29649_8204.N1	01-NOV-2007 09:50:59	Bright	38.500	174	52Psi UMa	3.0040	4400.0	77	29649	No
90	GOM_NL__2PRFIN20071101_095822_000000382063_00036_29649_8205.N1	01-NOV-2007 09:58:22	Bright	37.500	96	68Del Leo	2.5600	9300.0	75	29649	No
91	GOM_NL__2PRFIN20071101_102045_000000472063_00036_29649_8206.N1	01-NOV-2007 10:20:45	Dark	47.000	65	Lam Vel	2.2040	4400.0	94	29649	No
92	GOM_NL__2PRFIN20071101_102321_000000412063_00037_29650_8208.N1	01-NOV-2007 10:23:21	Dark	40.500	46	Del Vel	1.9540	10600.	81	29650	No
93	GOM_NL__2PRFIN20071101_102441_000000462063_00037_29650_8209.N1	01-NOV-2007 10:24:41	Dark	45.500	41	Eps Car	1.8600	4100.0	91	29650	No
94	GOM_NL__2PRFIN20071101_102949_000000492063_00037_29650_8210.N1	01-NOV-2007 10:29:49	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	29650	No
95	GOM_NL__2PRFIN20071101_104007_000000422063_00037_29650_8211.N1	01-NOV-2007 10:40:07	Straylight	42.000	157	The1Eri	2.9060	9300.0	84	29650	No
96	GOM_NL__2PRFIN20071101_105859_000000392063_00037_29650_8212.N1	01-NOV-2007 10:58:59	Bright	39.000	105	6Bet Ari	2.6450	8900.0	78	29650	No
97	GOM_NL__2PRFIN20071101_110300_000000372063_00037_29650_8213.N1	01-NOV-2007 11:03:00	Bright	37.000	53	43Bet And	2.0480	3300.0	74	29650	No
98	GOM_NL__2PRFIN20071101_110527_000000392063_00037_29650_8214.N1	01-NOV-2007 11:05:27	Bright	38.500	73	57Gam1And	2.2600	13100.	77	29650	No
99	GOM_NL__2PRFIN20071101_110853_000000372063_00037_29650_8215.N1	01-NOV-2007 11:08:53	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	29650	No
100	GOM_NL__2PRFIN20071101_111004_000000372063_00037_29650_8216.N1	01-NOV-2007 11:10:04	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	29650	No
101	GOM_NL__2PRFIN20071101_111809_000000372063_00037_29650_8217.N1	01-NOV-2007 11:18:09	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	29650	No

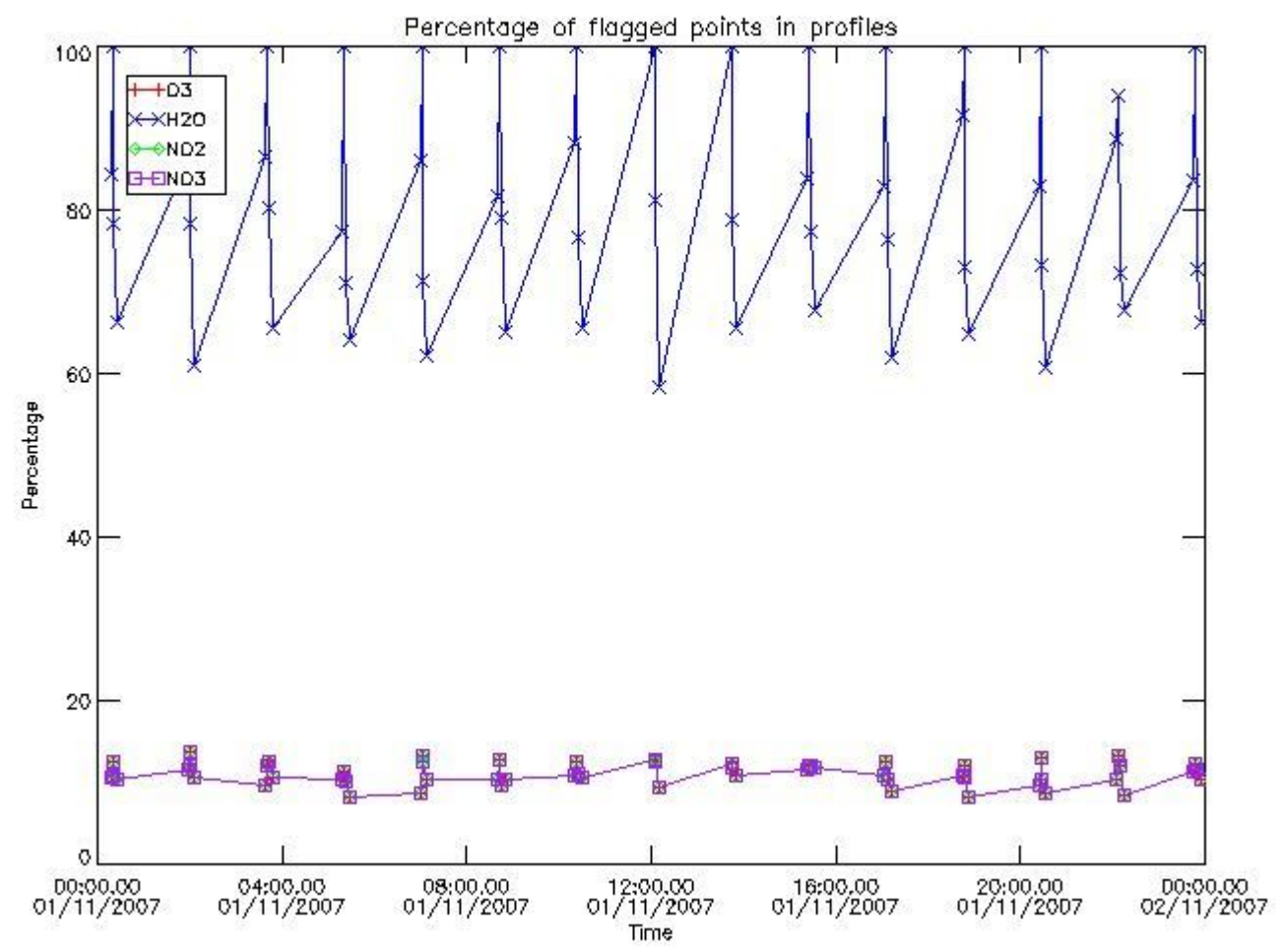
102	GOM_NL__2PRFIN20071101_112618_000000362063_00037_29650_8218.N1	01-NOV-2007 11:26:18	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	29650	No
103	GOM_NL__2PRFIN20071101_112754_000000362063_00037_29650_8219.N1	01-NOV-2007 11:27:54	Bright	35.500	82	48Bet UMa	2.3650	10600.	71	29650	No
104	GOM_NL__2PRFIN20071101_113135_000000392063_00037_29650_8220.N1	01-NOV-2007 11:31:35	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	29650	No
105	GOM_NL__2PRFIN20071101_113858_000000572063_00037_29650_8221.N1	01-NOV-2007 11:38:58	Bright	57.000	96	68Del Leo	2.5600	9300.0	114	29650	No
106	GOM_NL__2PRFIN20071101_120357_000000402063_00038_29651_8222.N1	01-NOV-2007 12:03:57	Dark	40.000	46	Del Vel	1.9540	10600.	80	29651	No
107	GOM_NL__2PRFIN20071101_120518_000000412063_00038_29651_8223.N1	01-NOV-2007 12:05:18	Dark	40.500	41	Eps Car	1.8600	4100.0	81	29651	No
108	GOM_NL__2PRFIN20071101_121026_000000552063_00038_29651_8224.N1	01-NOV-2007 12:10:26	Dark	54.500	2	Alp Car	-0.73600	7000.0	109	29651	No
109	GOM_NL__2PRFIN20071101_122043_000000392063_00038_29651_8225.N1	01-NOV-2007 12:20:43	Straylight	38.500	157	The1Eri	2.9060	9300.0	77	29651	No
110	GOM_NL__2PRFIN20071101_123935_000000392063_00038_29651_8226.N1	01-NOV-2007 12:39:35	Bright	39.000	105	6Bet Ari	2.6450	8900.0	78	29651	No
111	GOM_NL__2PRFIN20071101_124336_000000372063_00038_29651_8227.N1	01-NOV-2007 12:43:36	Bright	37.000	53	43Bet And	2.0480	3300.0	74	29651	No
112	GOM_NL__2PRFIN20071101_124602_000000402063_00038_29651_8228.N1	01-NOV-2007 12:46:02	Bright	40.000	73	57Gam1And	2.2600	13100.	80	29651	No
113	GOM_NL__2PRFIN20071101_124929_000000352063_00038_29651_8229.N1	01-NOV-2007 12:49:29	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	29651	No
114	GOM_NL__2PRFIN20071101_125040_000000342063_00038_29651_8230.N1	01-NOV-2007 12:50:40	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	29651	No
115	GOM_NL__2PRFIN20071101_125845_000000372063_00038_29651_8231.N1	01-NOV-2007 12:58:45	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	29651	No
116	GOM_NL__2PRFIN20071101_130653_000000382063_00038_29651_8232.N1	01-NOV-2007 13:06:53	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	29651	No
117	GOM_NL__2PRFIN20071101_130830_000000382063_00038_29651_8233.N1	01-NOV-2007 13:08:30	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	29651	No
118	GOM_NL__2PRFIN20071101_131211_000000552063_00038_29651_8234.N1	01-NOV-2007 13:12:11	Bright	55.000	174	52Psi UMa	3.0040	4400.0	110	29651	No
119	GOM_NL__2PRFIN20071101_131935_000000512063_00038_29651_8235.N1	01-NOV-2007 13:19:35	Bright	50.500	96	68Del Leo	2.5600	9300.0	101	29651	No
120	GOM_NL__2PRFIN20071101_134434_000000422063_00039_29652_8236.N1	01-NOV-2007 13:44:34	Dark	41.500	46	Del Vel	1.9540	10600.	83	29652	No
121	GOM_NL__2PRFIN20071101_134554_000000432063_00039_29652_8237.N1	01-NOV-2007 13:45:54	Dark	43.000	41	Eps Car	1.8600	4100.0	86	29652	No
122	GOM_NL__2PRFIN20071101_135103_000000472063_00039_29652_8238.N1	01-NOV-2007 13:51:03	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	29652	No
123	GOM_NL__2PRFIN20071101_140119_000000382063_00039_29652_8239.N1	01-NOV-2007 14:01:19	Straylight	38.000	157	The1Eri	2.9060	9300.0	76	29652	No
124	GOM_NL__2PRFIN20071101_142011_000000382063_00039_29652_8240.N1	01-NOV-2007 14:20:11	Bright	38.000	105	6Bet Ari	2.6450	8900.0	76	29652	No
125	GOM_NL__2PRFIN20071101_142412_000000362063_00039_29652_8241.N1	01-NOV-2007 14:24:12	Bright	35.500	53	43Bet And	2.0480	3300.0	71	29652	No
126	GOM_NL__2PRFIN20071101_142638_000000392063_00039_29652_8242.N1	01-NOV-2007 14:26:38	Bright	38.500	73	57Gam1And	2.2600	13100.	77	29652	No
127	GOM_NL__2PRFIN20071101_143005_000000372063_00039_29652_8243.N1	01-NOV-2007 14:30:05	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	29652	No
128	GOM_NL__2PRFIN20071101_143116_000000342063_00039_29652_8244.N1	01-NOV-2007 14:31:16	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	29652	No
129	GOM_NL__2PRFIN20071101_143921_000000372063_00039_29652_8245.N1	01-NOV-2007 14:39:21	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	29652	No
130	GOM_NL__2PRFIN20071101_144729_000000392063_00039_29652_8246.N1	01-NOV-2007 14:47:29	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	29652	No
131	GOM_NL__2PRFIN20071101_144906_000000382063_00039_29652_8247.N1	01-NOV-2007 14:49:06	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	29652	No
132	GOM_NL__2PRFIN20071101_145247_000000362063_00039_29652_8248.N1	01-NOV-2007 14:52:47	Bright	35.500	174	52Psi UMa	3.0040	4400.0	71	29652	No
133	GOM_NL__2PRFIN20071101_150011_000000372063_00039_29652_8249.N1	01-NOV-2007 15:00:11	Bright	37.000	96	68Del Leo	2.5600	9300.0	74	29652	No
134	GOM_NL__2PRFIN20071101_152235_000000442063_00039_29652_8250.N1	01-NOV-2007 15:22:35	Dark	44.000	65	Lam Vel	2.2040	4400.0	88	29652	No
135	GOM_NL__2PRFIN20071101_152510_000000422063_00040_29653_8247.N1	01-NOV-2007 15:25:10	Dark	42.000	46	Del Vel	1.9540	10600.	84	29653	No
136	GOM_NL__2PRFIN20071101_152631_000000432063_00040_29653_8248.N1	01-NOV-2007 15:26:31	Dark	42.500	41	Eps Car	1.8600	4100.0	85	29653	No
137	GOM_NL__2PRFIN20071101_153139_000000472063_00040_29653_8249.N1	01-NOV-2007 15:31:39	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	29653	No
138	GOM_NL__2PRFIN20071101_154155_000000412063_00040_29653_8250.N1	01-NOV-2007 15:41:55	Straylight	40.500	157	The1Eri	2.9060	9300.0	81	29653	No
139	GOM_NL__2PRFIN20071101_160046_000000392063_00040_29653_8251.N1	01-NOV-2007 16:00:46	Bright	38.500	105	6Bet Ari	2.6450	8900.0	77	29653	No
140	GOM_NL__2PRFIN20071101_160448_000000372063_00040_29653_8252.N1	01-NOV-2007 16:04:48	Bright	37.000	53	43Bet And	2.0480	3300.0	74	29653	No
141	GOM_NL__2PRFIN20071101_160714_000000402063_00040_29653_8253.N1	01-NOV-2007 16:07:14	Bright	39.500	73	57Gam1And	2.2600	13100.	79	29653	No
142	GOM_NL__2PRFIN20071101_161041_000000372063_00040_29653_8254.N1	01-NOV-2007 16:10:41	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	29653	No
143	GOM_NL__2PRFIN20071101_161152_000000372063_00040_29653_8255.N1	01-NOV-2007 16:11:52	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	29653	No
144	GOM_NL__2PRFIN20071101_161957_000000372063_00040_29653_8256.N1	01-NOV-2007 16:19:57	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	29653	No
145	GOM_NL__2PRFIN20071101_162805_000000402063_00040_29653_8257.N1	01-NOV-2007 16:28:05	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	29653	No
146	GOM_NL__2PRFIN20071101_162942_000000372063_00040_29653_8258.N1	01-NOV-2007 16:29:42	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	29653	No
147	GOM_NL__2PRFIN20071101_163323_000000402063_00040_29653_8259.N1	01-NOV-2007 16:33:23	Bright	40.000	174	52Psi UMa	3.0040	4400.0	80	29653	No
148	GOM_NL__2PRFIN20071101_164047_000000372063_00040_29653_8260.N1	01-NOV-2007 16:40:47	Bright	37.000	96	68Del Leo	2.5600	9300.0	74	29653	No
149	GOM_NL__2PRFIN20071101_170312_000000472063_00040_29653_8261.N1	01-NOV-2007 17:03:12	Dark	47.000	65	Lam Vel	2.2040	4400.0	94	29653	No
150	GOM_NL__2PRFIN20071101_170547_000000412063_00041_29654_8274.N1	01-NOV-2007 17:05:47	Dark	41.000	46	Del Vel	1.9540	10600.	82	29654	No
151	GOM_NL__2PRFIN20071101_170708_000000492063_00041_29654_8275.N1	01-NOV-2007 17:07:08	Dark	49.000	41	Eps Car	1.8600	4100.0	98	29654	No
152	GOM_NL__2PRFIN20071101_171216_000000572063_00041_29654_8276.N1	01-NOV-2007 17:12:16	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	29654	No
153	GOM_NL__2PRFIN20071101_172232_000000402063_00041_29654_8277.N1	01-NOV-2007 17:22:32	Straylight	39.500	157	The1Eri	2.9060	9300.0	79	29654	No
154	GOM_NL__2PRFIN20071101_174122_000000382063_00041_29654_8278.N1	01-NOV-2007 17:41:22	Bright	38.000	105	6Bet Ari	2.6450	8900.0	76	29654	No
155	GOM_NL__2PRFIN20071101_174524_000000372063_00041_29654_8279.N1	01-NOV-2007 17:45:24	Bright	37.000	53	43Bet And	2.0480	3300.0	74	29654	No
156	GOM_NL__2PRFIN20071101_174749_000000402063_00041_29654_8280.N1	01-NOV-2007 17:47:49	Bright	40.000	73	57Gam1And	2.2600	13100.	80	29654	No
157	GOM_NL__2PRFIN20071101_175117_000000372063_00041_29654_8281.N1	01-NOV-2007 17:51:17	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	29654	No
158	GOM_NL__2PRFIN20071101_175228_000000352063_00041_29654_8282.N1	01-NOV-2007 17:52:28	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	29654	No
159	GOM_NL__2PRFIN20071101_180033_000000372063_00041_29654_8283.N1	01-NOV-2007 18:00:33	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	29654	No
160	GOM_NL__2PRFIN20071101_180841_000000402063_00041_29654_8284.N1	01-NOV-2007 18:08:41	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	29654	No

161	GOM_NL__2PRFIN20071101_181018_000000552063_00041_29654_8285.N1	01-NOV-2007 18:10:18	Bright	55.000	82	48Bet UMa	2.3650	10600.	110	29654	No
162	GOM_NL__2PRFIN20071101_181359_000000562063_00041_29654_8286.N1	01-NOV-2007 18:13:59	Bright	56.000	174	52Psi UMa	3.0040	4400.0	112	29654	No
163	GOM_NL__2PRFIN20071101_182123_000000452063_00041_29654_8287.N1	01-NOV-2007 18:21:23	Bright	45.000	96	68Del Leo	2.5600	9300.0	90	29654	No
164	GOM_NL__2PRFIN20071101_184349_000000482063_00041_29654_8288.N1	01-NOV-2007 18:43:49	Dark	47.500	65	Lam Vel	2.2040	4400.0	95	29654	No
165	GOM_NL__2PRFIN20071101_184624_000000432063_00042_29655_8280.N1	01-NOV-2007 18:46:24	Dark	42.500	46	Del Vel	1.9540	10600.	85	29655	No
166	GOM_NL__2PRFIN20071101_184744_000000492063_00042_29655_8281.N1	01-NOV-2007 18:47:44	Dark	48.500	41	Eps Car	1.8600	4100.0	97	29655	No
167	GOM_NL__2PRFIN20071101_185253_000000612063_00042_29655_8282.N1	01-NOV-2007 18:52:53	Dark	61.000	2	Alp Car	-0.73600	7000.0	122	29655	No
168	GOM_NL__2PRFIN20071101_190308_000000422063_00042_29655_8283.N1	01-NOV-2007 19:03:08	Straylight	42.000	157	The1Eri	2.9060	9300.0	84	29655	No
169	GOM_NL__2PRFIN20071101_192158_000000382063_00042_29655_8284.N1	01-NOV-2007 19:21:58	Bright	38.000	105	6Bet Ari	2.6450	8900.0	76	29655	No
170	GOM_NL__2PRFIN20071101_192600_000000362063_00042_29655_8285.N1	01-NOV-2007 19:26:00	Bright	35.500	53	43Bet And	2.0480	3300.0	71	29655	No
171	GOM_NL__2PRFIN20071101_192825_000000402063_00042_29655_8286.N1	01-NOV-2007 19:28:25	Bright	39.500	73	57Gam1And	2.2600	13100.	79	29655	No
172	GOM_NL__2PRFIN20071101_193153_000000372063_00042_29655_8287.N1	01-NOV-2007 19:31:53	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	29655	No
173	GOM_NL__2PRFIN20071101_193304_000000362063_00042_29655_8288.N1	01-NOV-2007 19:33:04	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	29655	No
174	GOM_NL__2PRFIN20071101_194109_000000382063_00042_29655_8289.N1	01-NOV-2007 19:41:09	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	29655	No
175	GOM_NL__2PRFIN20071101_194917_000000392063_00042_29655_8290.N1	01-NOV-2007 19:49:17	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	29655	No
176	GOM_NL__2PRFIN20071101_195054_000000372063_00042_29655_8291.N1	01-NOV-2007 19:50:54	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	29655	No
177	GOM_NL__2PRFIN20071101_195435_000000562063_00042_29655_8292.N1	01-NOV-2007 19:54:35	Bright	56.000	174	52Psi UMa	3.0040	4400.0	112	29655	No
178	GOM_NL__2PRFIN20071101_200159_000000452063_00042_29655_8293.N1	01-NOV-2007 20:01:59	Bright	45.000	96	68Del Leo	2.5600	9300.0	90	29655	No
179	GOM_NL__2PRFIN20071101_202426_000000532063_00042_29655_8294.N1	01-NOV-2007 20:24:26	Dark	53.000	65	Lam Vel	2.2040	4400.0	106	29655	No
180	GOM_NL__2PRFIN20071101_202700_000000402063_00043_29656_8293.N1	01-NOV-2007 20:27:00	Dark	39.500	46	Del Vel	1.9540	10600.	79	29656	No
181	GOM_NL__2PRFIN20071101_202821_000000492063_00043_29656_8294.N1	01-NOV-2007 20:28:21	Dark	49.000	41	Eps Car	1.8600	4100.0	98	29656	No
182	GOM_NL__2PRFIN20071101_203330_000000592063_00043_29656_8295.N1	01-NOV-2007 20:33:30	Dark	58.500	2	Alp Car	-0.73600	7000.0	117	29656	No
183	GOM_NL__2PRFIN20071101_204344_000000412063_00043_29656_8296.N1	01-NOV-2007 20:43:44	Straylight	41.000	157	The1Eri	2.9060	9300.0	82	29656	No
184	GOM_NL__2PRFIN20071101_210234_000000392063_00043_29656_8297.N1	01-NOV-2007 21:02:34	Bright	38.500	105	6Bet Ari	2.6450	8900.0	77	29656	No
185	GOM_NL__2PRFIN20071101_210636_000000372063_00043_29656_8298.N1	01-NOV-2007 21:06:36	Bright	37.000	53	43Bet And	2.0480	3300.0	74	29656	No
186	GOM_NL__2PRFIN20071101_210901_000000402063_00043_29656_8299.N1	01-NOV-2007 21:09:01	Bright	40.000	73	57Gam1And	2.2600	13100.	80	29656	No
187	GOM_NL__2PRFIN20071101_211229_000000372063_00043_29656_8300.N1	01-NOV-2007 21:12:29	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	29656	No
188	GOM_NL__2PRFIN20071101_211340_000000372063_00043_29656_8301.N1	01-NOV-2007 21:13:40	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	29656	No
189	GOM_NL__2PRFIN20071101_212145_000000372063_00043_29656_8302.N1	01-NOV-2007 21:21:45	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	29656	No
190	GOM_NL__2PRFIN20071101_212953_000000402063_00043_29656_8303.N1	01-NOV-2007 21:29:53	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	29656	No
191	GOM_NL__2PRFIN20071101_213129_000000562063_00043_29656_8304.N1	01-NOV-2007 21:31:29	Bright	56.000	82	48Bet UMa	2.3650	10600.	112	29656	No
192	GOM_NL__2PRFIN20071101_213511_000000572063_00043_29656_8305.N1	01-NOV-2007 21:35:11	Bright	57.000	174	52Psi UMa	3.0040	4400.0	114	29656	No
193	GOM_NL__2PRFIN20071101_214236_000000382063_00043_29656_8306.N1	01-NOV-2007 21:42:36	Bright	38.000	96	68Del Leo	2.5600	9300.0	76	29656	No
194	GOM_NL__2PRFIN20071101_220503_000000492063_00043_29656_8307.N1	01-NOV-2007 22:05:03	Dark	49.000	65	Lam Vel	2.2040	4400.0	98	29656	No
195	GOM_NL__2PRFIN20071101_220737_000000432063_00044_29657_8305.N1	01-NOV-2007 22:07:37	Dark	42.500	46	Del Vel	1.9540	10600.	85	29657	No
196	GOM_NL__2PRFIN20071101_220857_000000422063_00044_29657_8306.N1	01-NOV-2007 22:08:57	Dark	42.000	41	Eps Car	1.8600	4100.0	84	29657	No
197	GOM_NL__2PRFIN20071101_221406_000000612063_00044_29657_8307.N1	01-NOV-2007 22:14:06	Dark	61.000	2	Alp Car	-0.73600	7000.0	122	29657	No
198	GOM_NL__2PRFIN20071101_222420_000000402063_00044_29657_8308.N1	01-NOV-2007 22:24:20	Straylight	40.000	157	The1Eri	2.9060	9300.0	80	29657	No
199	GOM_NL__2PRFIN20071101_224310_000000382063_00044_29657_8309.N1	01-NOV-2007 22:43:10	Bright	38.000	105	6Bet Ari	2.6450	8900.0	76	29657	No
200	GOM_NL__2PRFIN20071101_224711_000000372063_00044_29657_8310.N1	01-NOV-2007 22:47:11	Bright	36.500	53	43Bet And	2.0480	3300.0	73	29657	No
201	GOM_NL__2PRFIN20071101_224936_000000372063_00044_29657_8311.N1	01-NOV-2007 22:49:36	Bright	36.500	73	57Gam1And	2.2600	13100.	73	29657	No
202	GOM_NL__2PRFIN20071101_225305_000000372063_00044_29657_8312.N1	01-NOV-2007 22:53:05	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	29657	No
203	GOM_NL__2PRFIN20071101_225416_000000352063_00044_29657_8313.N1	01-NOV-2007 22:54:16	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	29657	No
204	GOM_NL__2PRFIN20071101_230221_000000332063_00044_29657_8314.N1	01-NOV-2007 23:02:21	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	29657	No
205	GOM_NL__2PRFIN20071101_231029_000000362063_00044_29657_8315.N1	01-NOV-2007 23:10:29	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	29657	No
206	GOM_NL__2PRFIN20071101_231205_000000372063_00044_29657_8316.N1	01-NOV-2007 23:12:05	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	29657	No
207	GOM_NL__2PRFIN20071101_231547_000000572063_00044_29657_8317.N1	01-NOV-2007 23:15:47	Bright	57.000	174	52Psi UMa	3.0040	4400.0	114	29657	No
208	GOM_NL__2PRFIN20071101_232312_000000382063_00044_29657_8318.N1	01-NOV-2007 23:23:12	Bright	38.000	96	68Del Leo	2.5600	9300.0	76	29657	No
209	GOM_NL__2PRFIN20071101_234539_000000592063_00044_29657_8319.N1	01-NOV-2007 23:45:39	Dark	58.500	65	Lam Vel	2.2040	4400.0	117	29657	No
210	GOM_NL__2PRFIN20071101_234813_000000422063_00045_29658_8319.N1	01-NOV-2007 23:48:13	Dark	41.500	46	Del Vel	1.9540	10600.	83	29658	No
211	GOM_NL__2PRFIN20071101_234934_000000452063_00045_29658_8320.N1	01-NOV-2007 23:49:34	Dark	44.500	41	Eps Car	1.8600	4100.0	89	29658	No
212	GOM_NL__2PRFIN20071101_235443_000000502063_00045_29658_8321.N1	01-NOV-2007 23:54:43	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	29658	No

3. Quality information per product

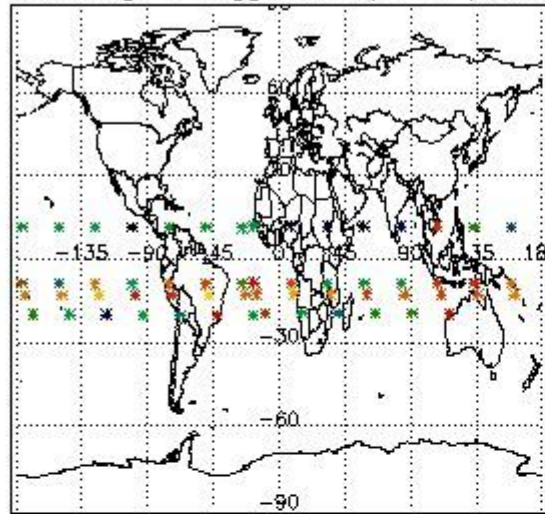
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

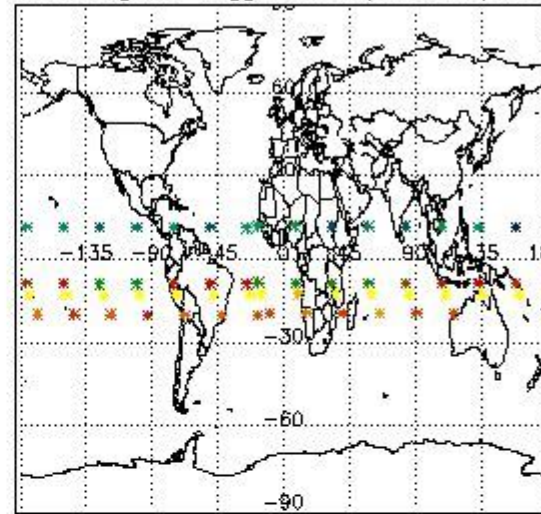


3.2 Plot quality information per product (world map)

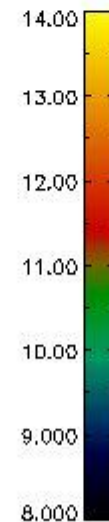
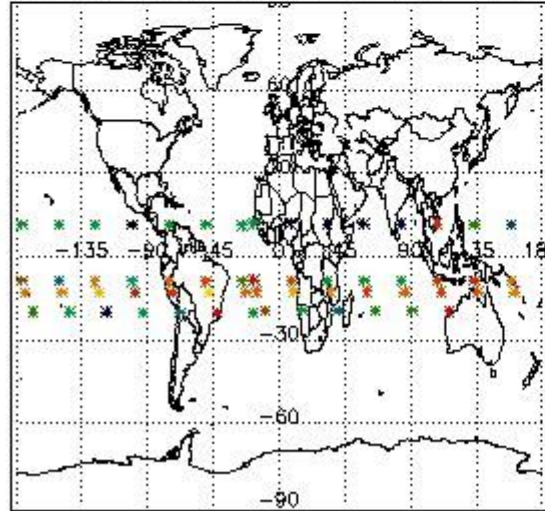
Percentage of flagged data per O3 profile



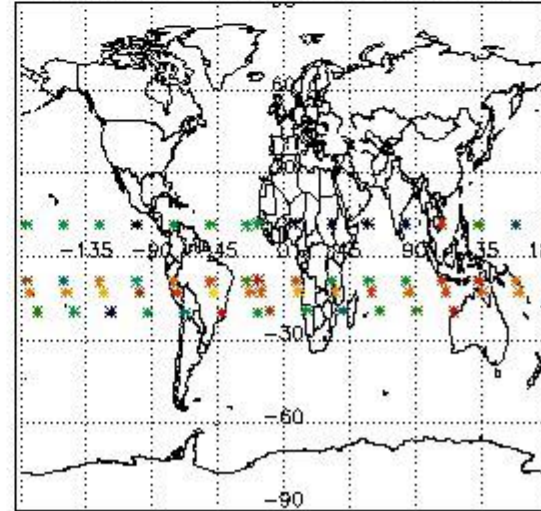
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

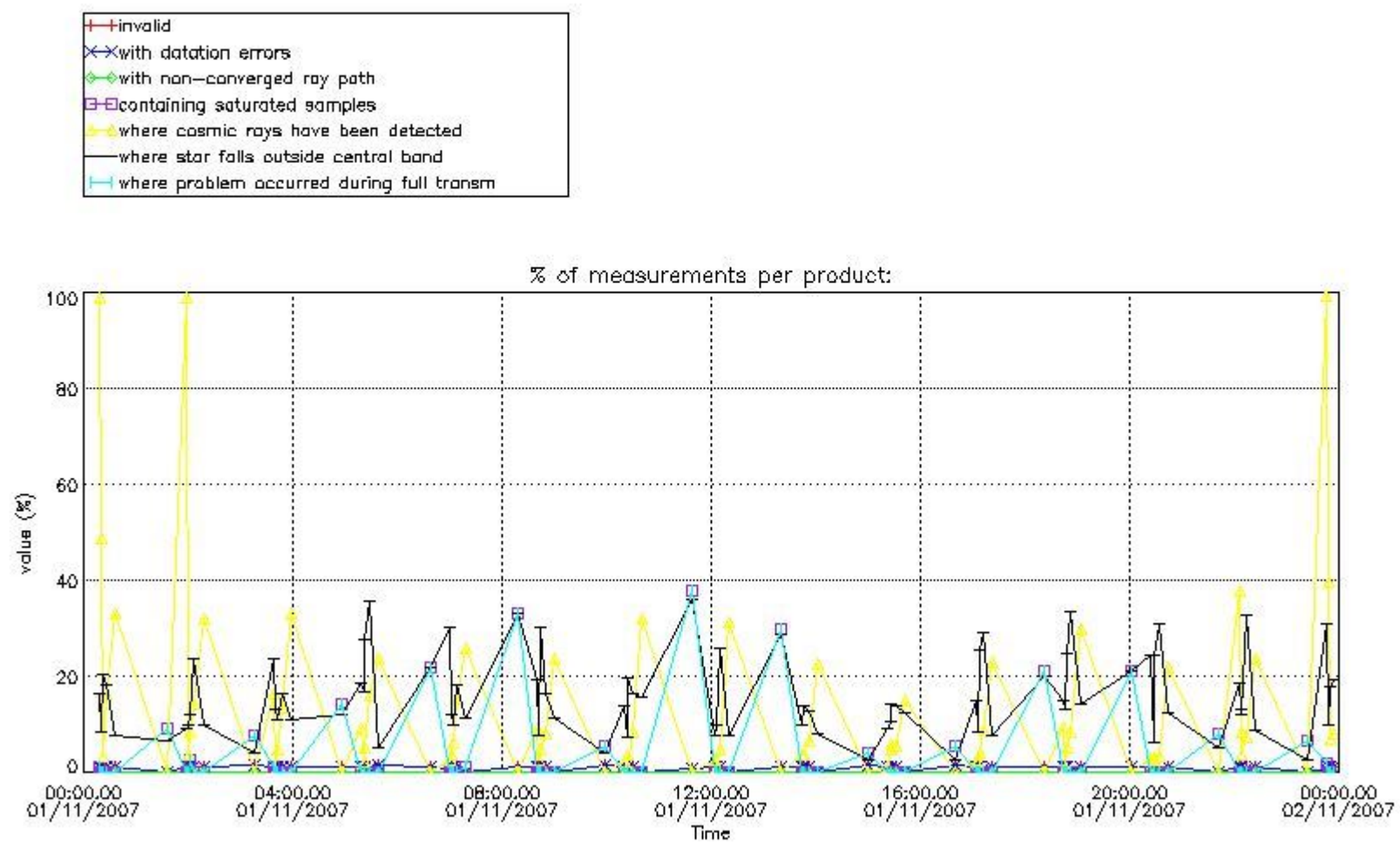


4. Level 1 quality information per product

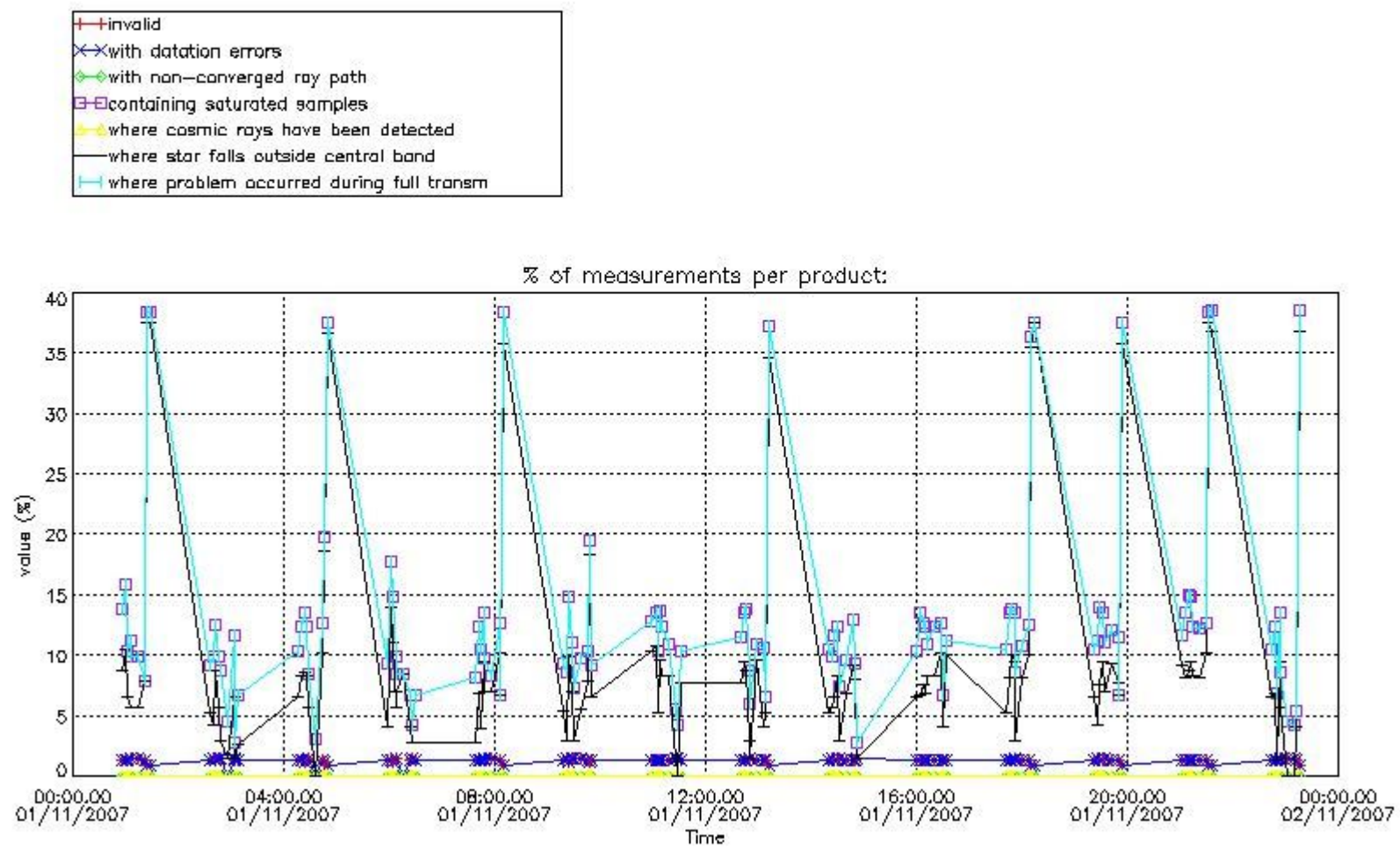
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



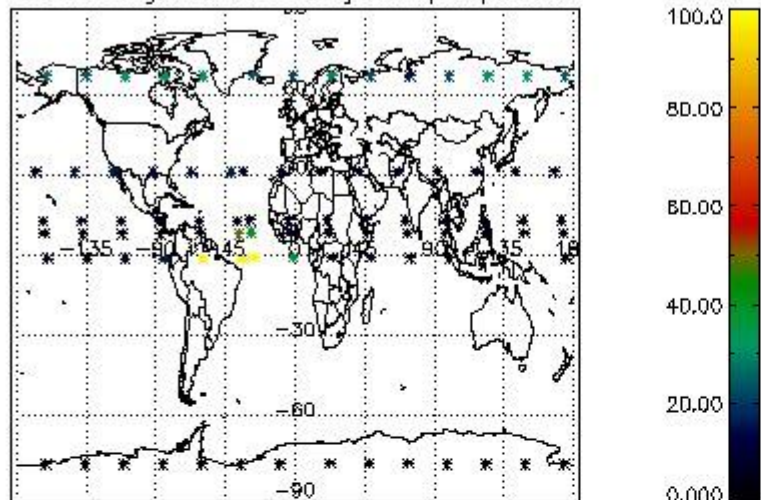
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



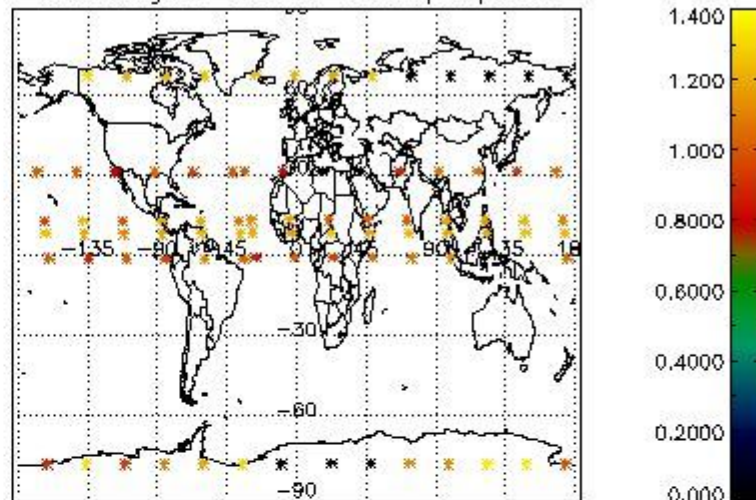
4.2 Plot quality information per product coming from level 1b processing (world map)

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

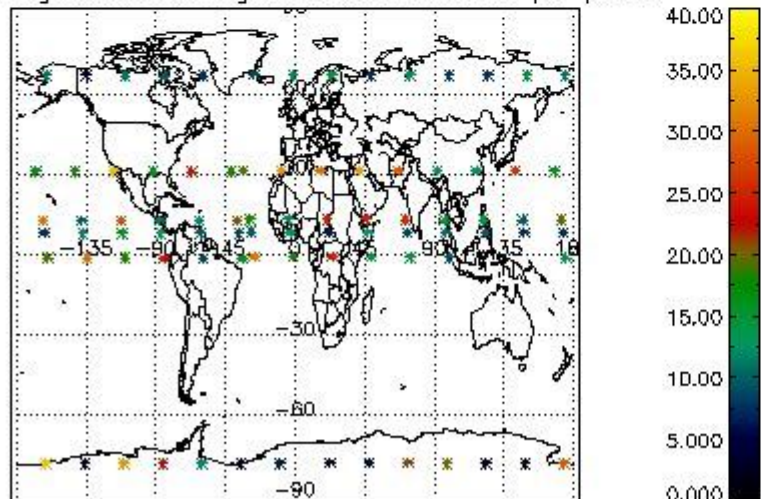
Percentage of cosmic ray hits per profile



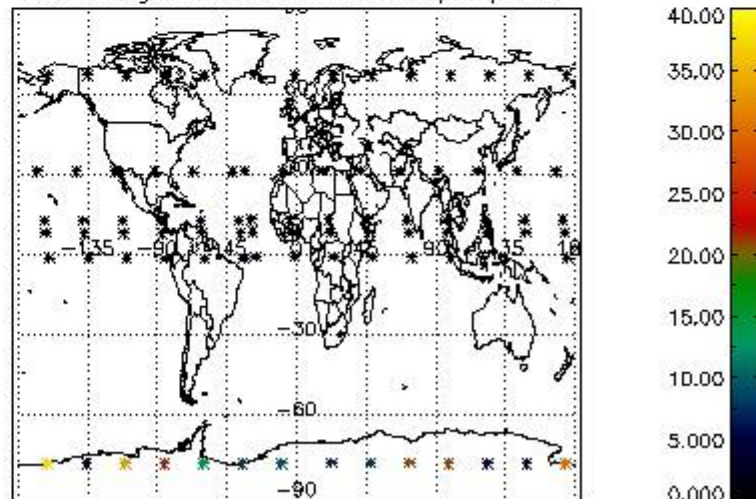
Percentage of datation errors per profile



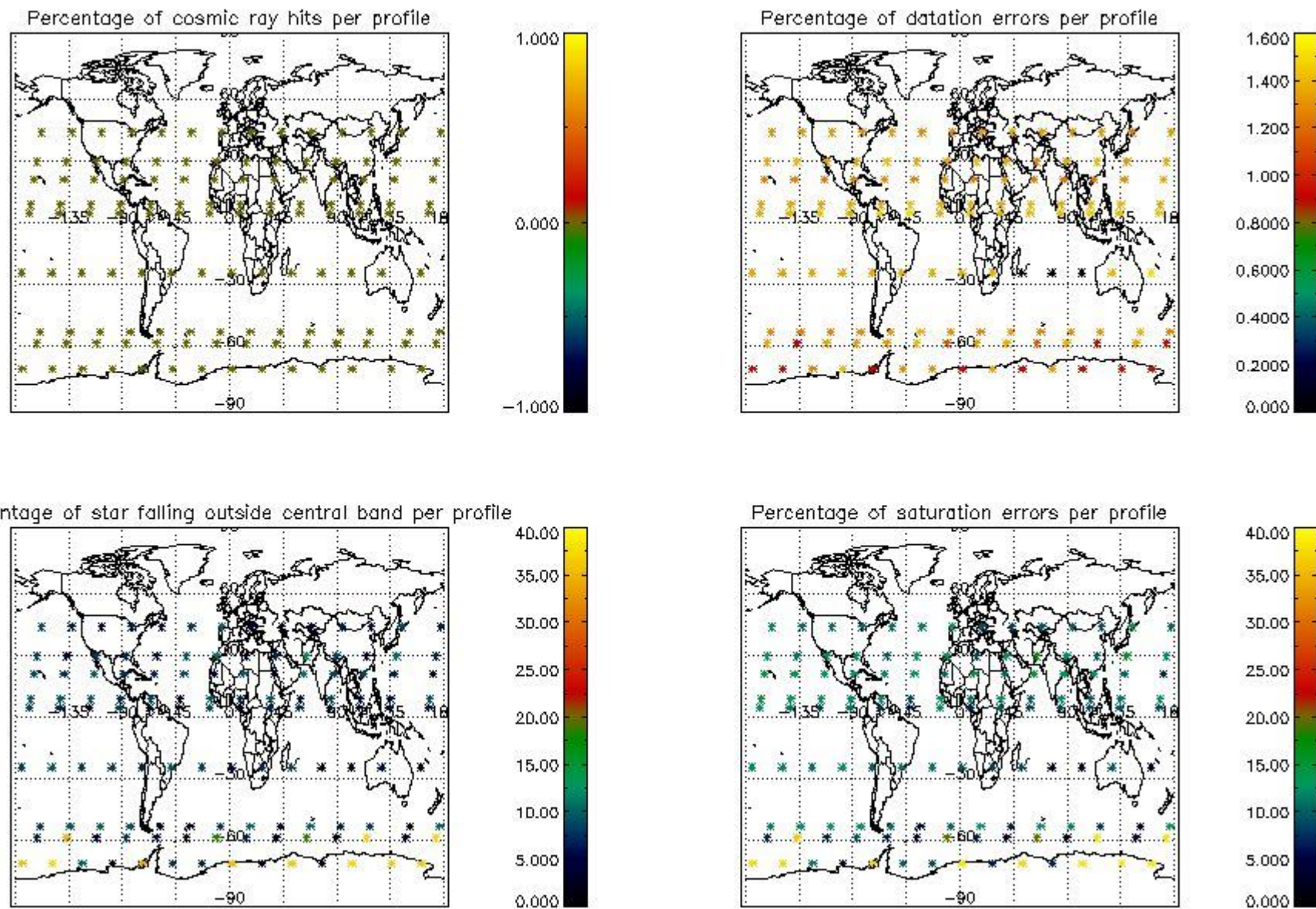
Percentage of star falling outside central band per profile



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

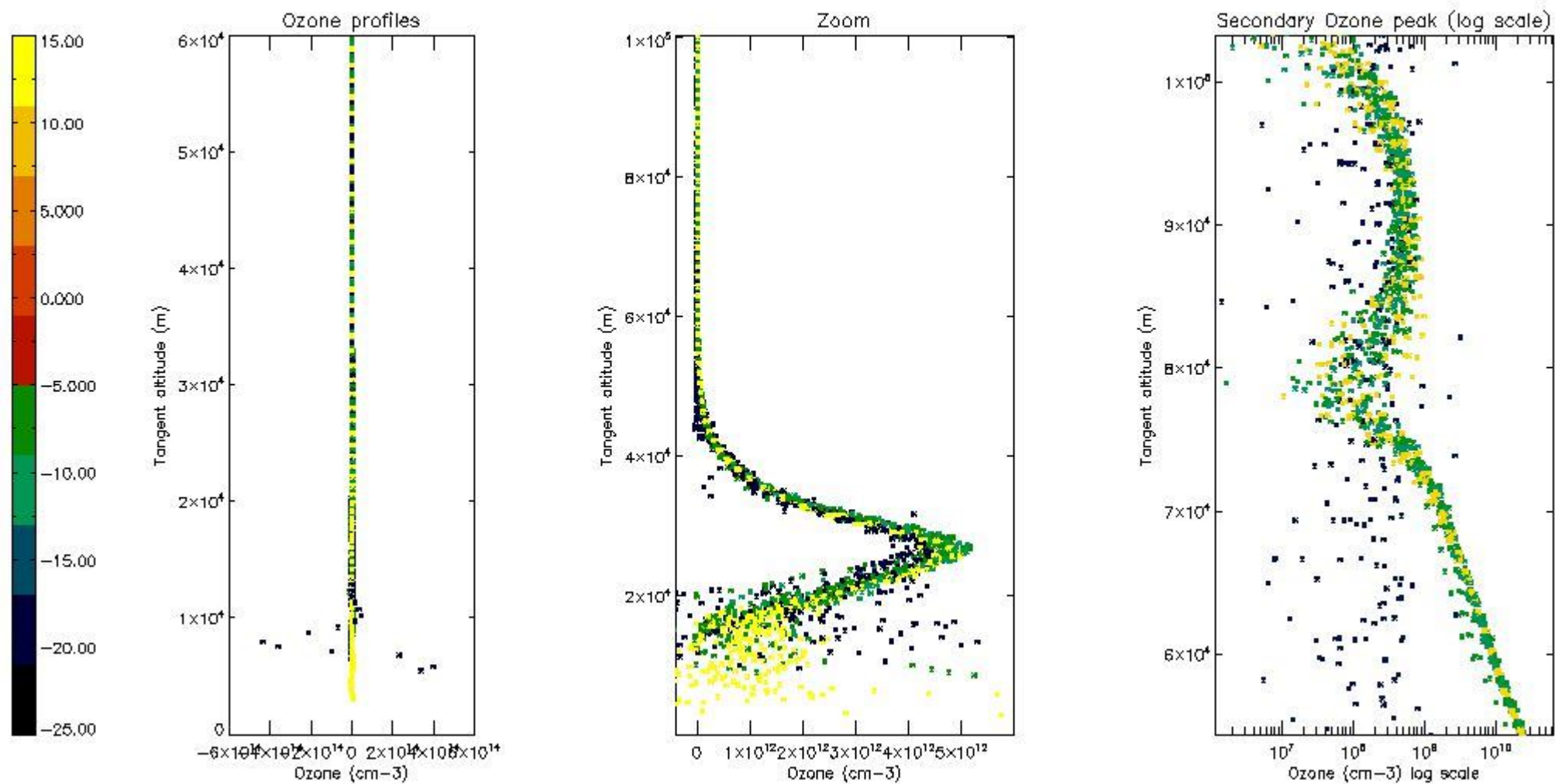
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	18

STD < 10	14
STD < 5	8

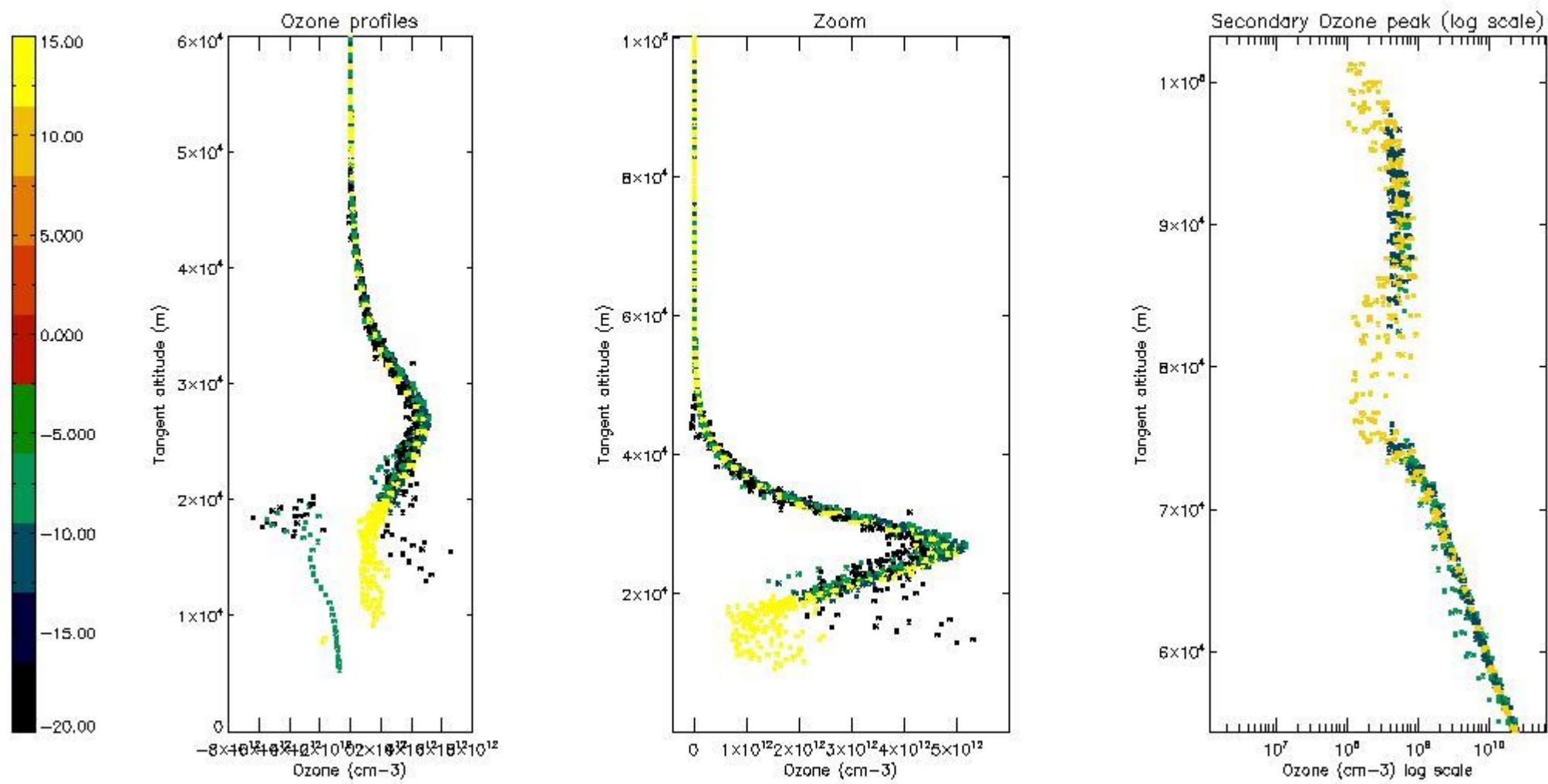
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



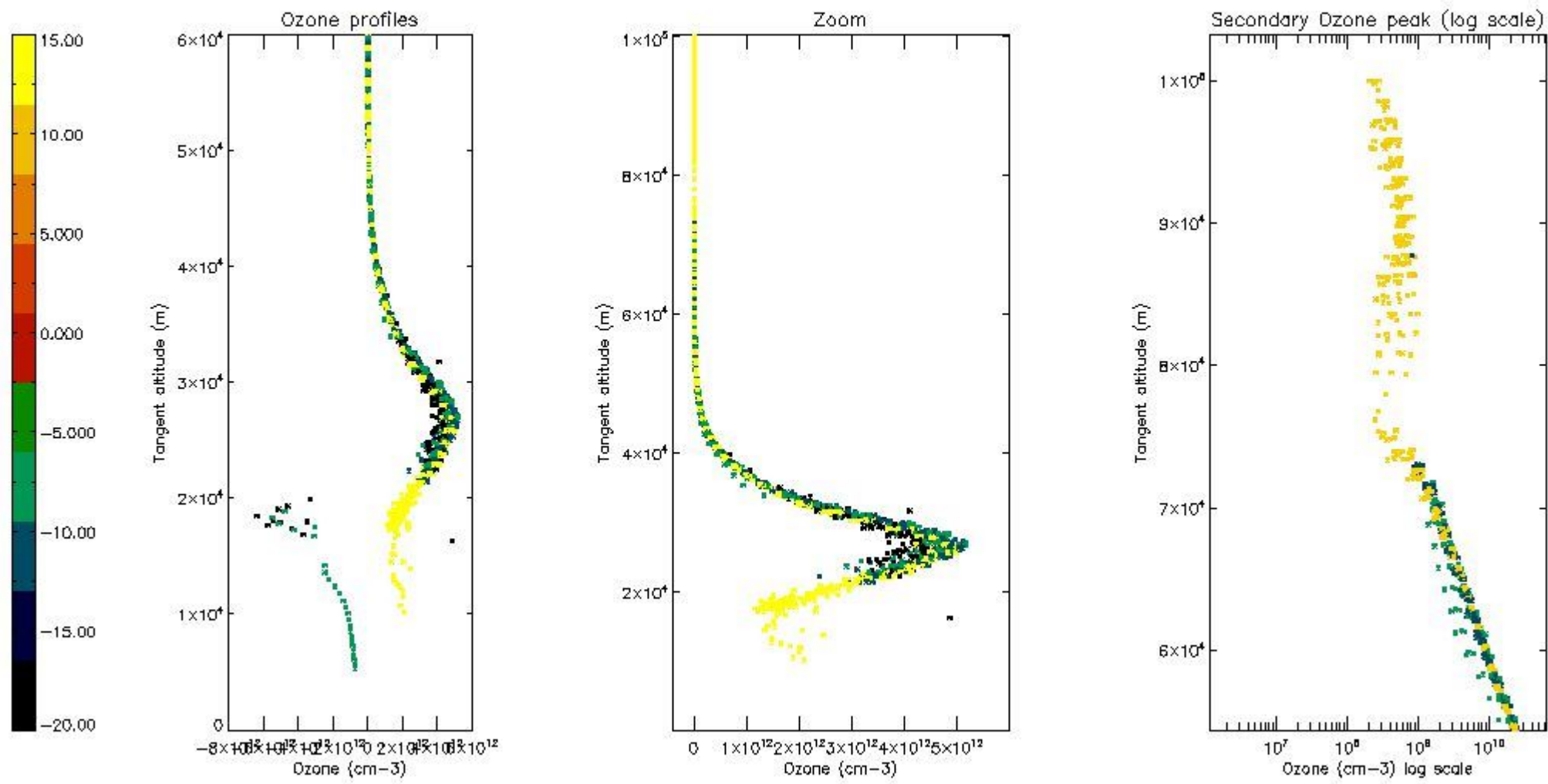
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



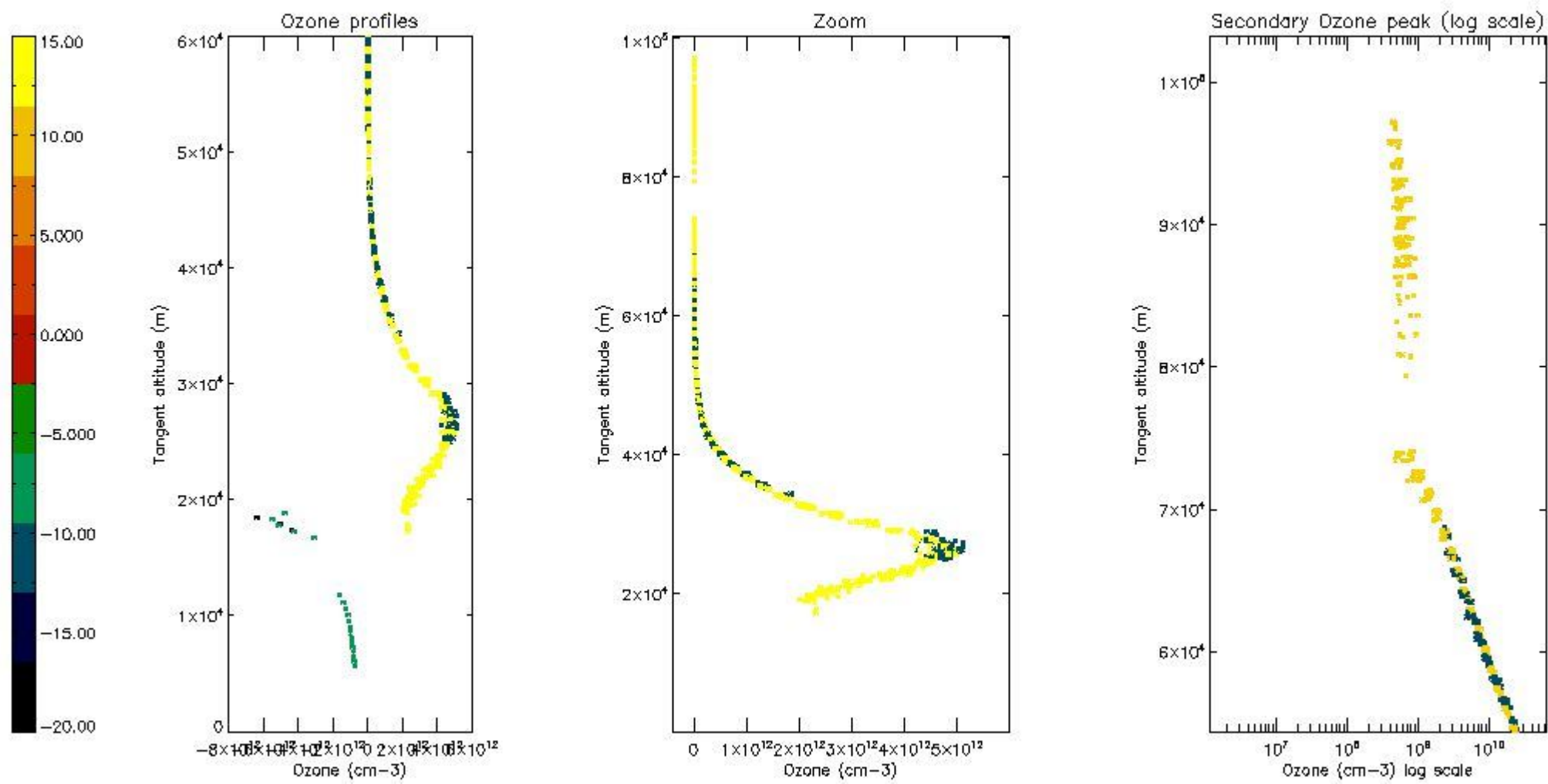
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



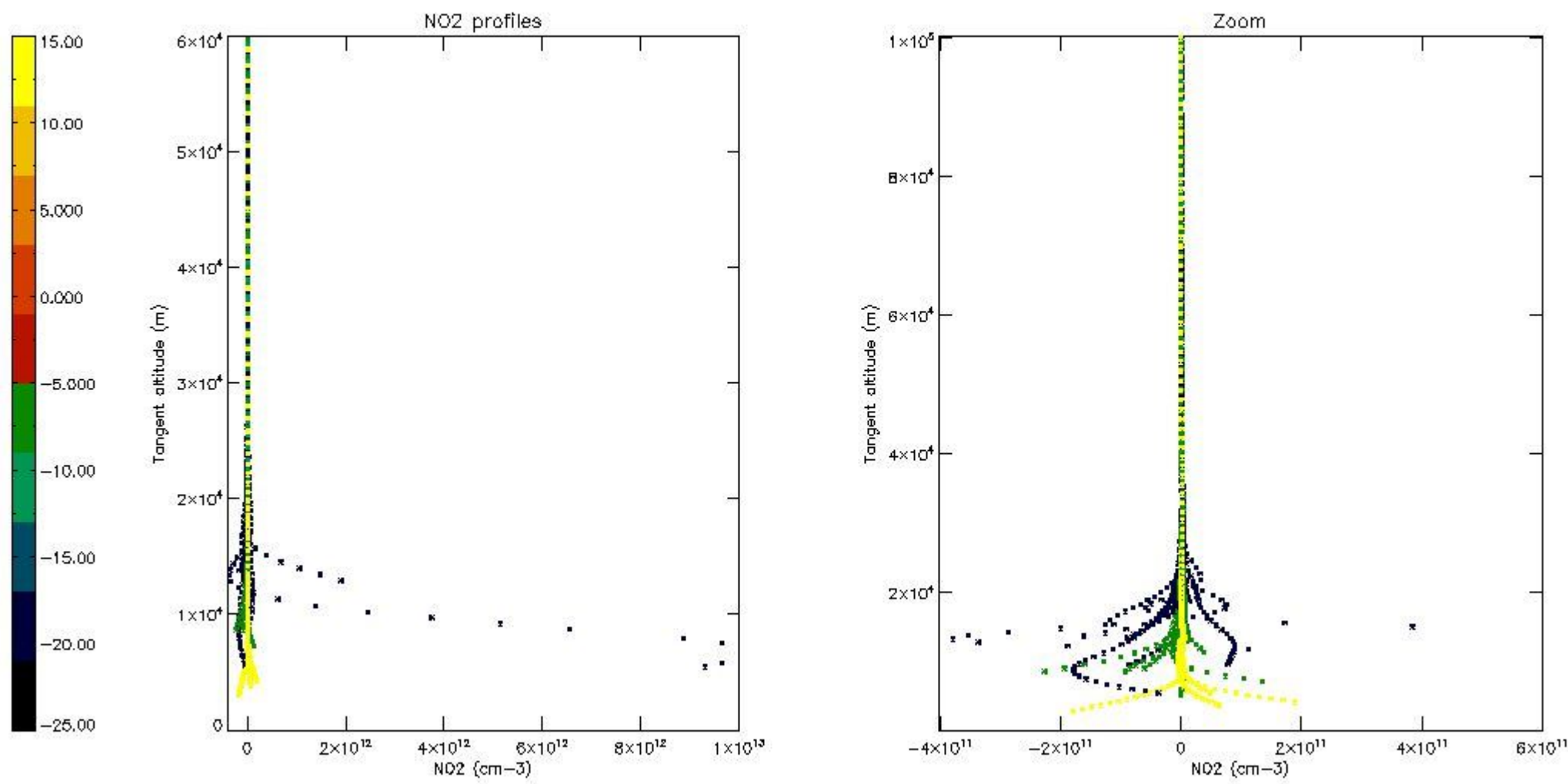
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



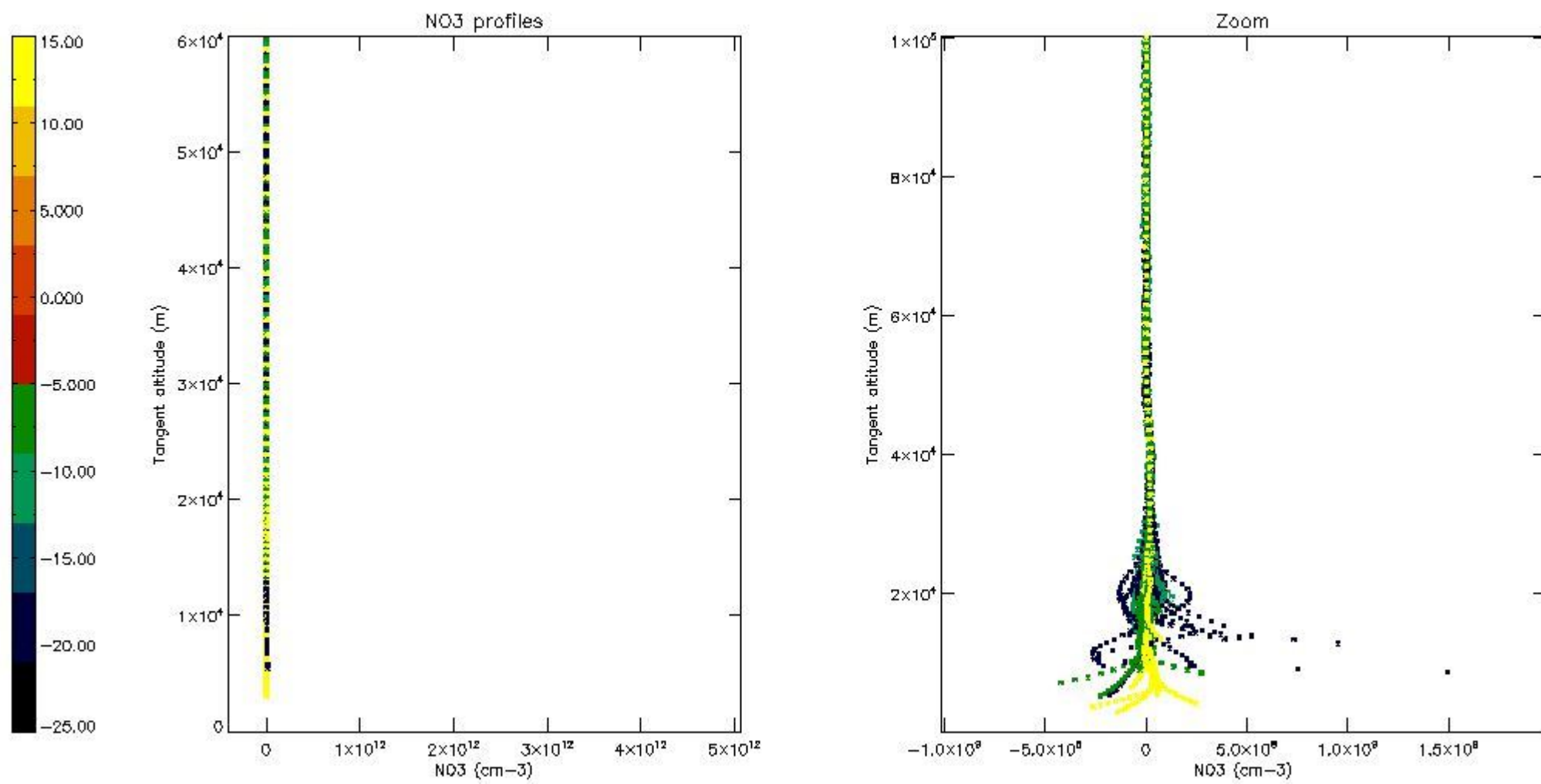
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



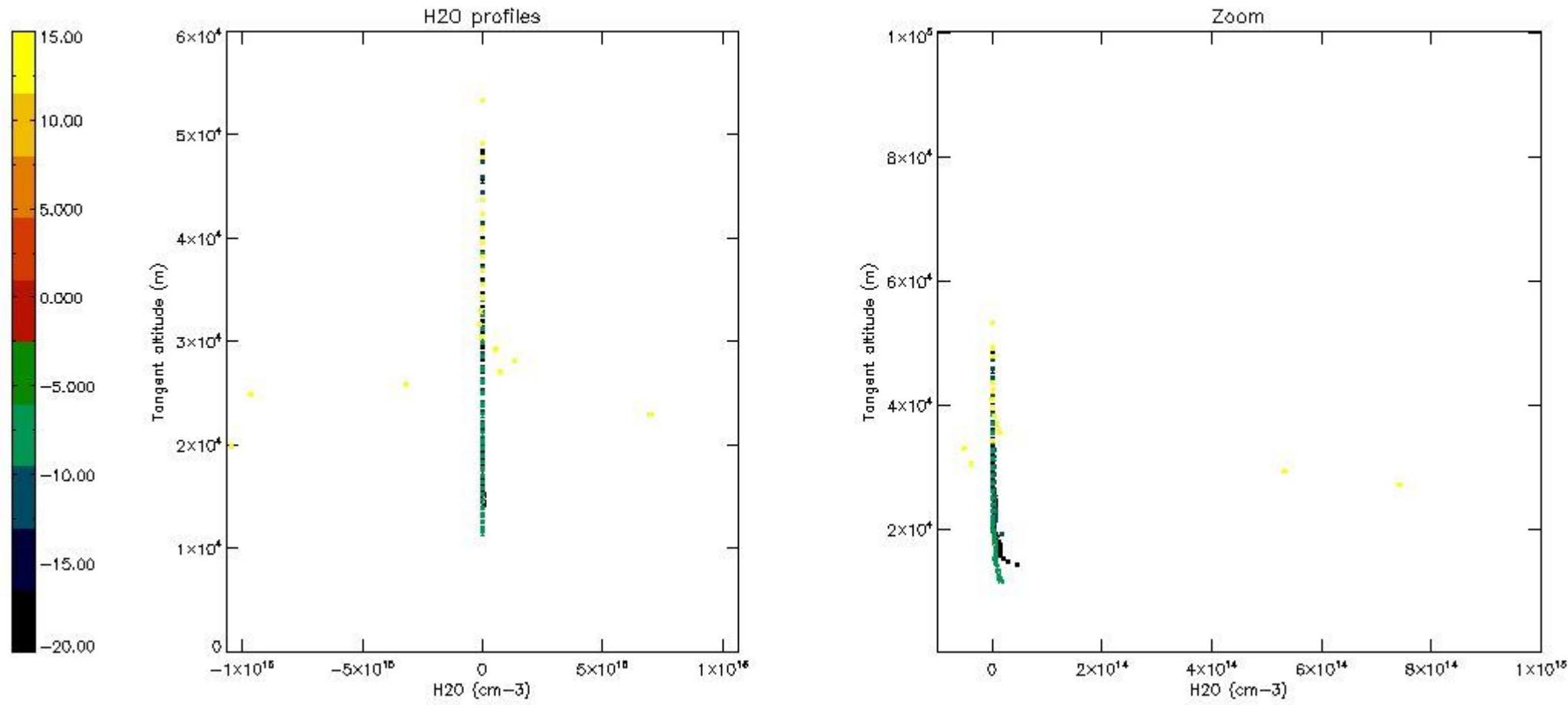
5.7 Plot NO3 profiles for all STD (dark without errors)

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	01-NOV-2007 00:17:04
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	01-NOV-2007 00:17:04
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	01-NOV-2007 00:17:04

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

[3. Level 2 Quality information per product](#)

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

[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](#)

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

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

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

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

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

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

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

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

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

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

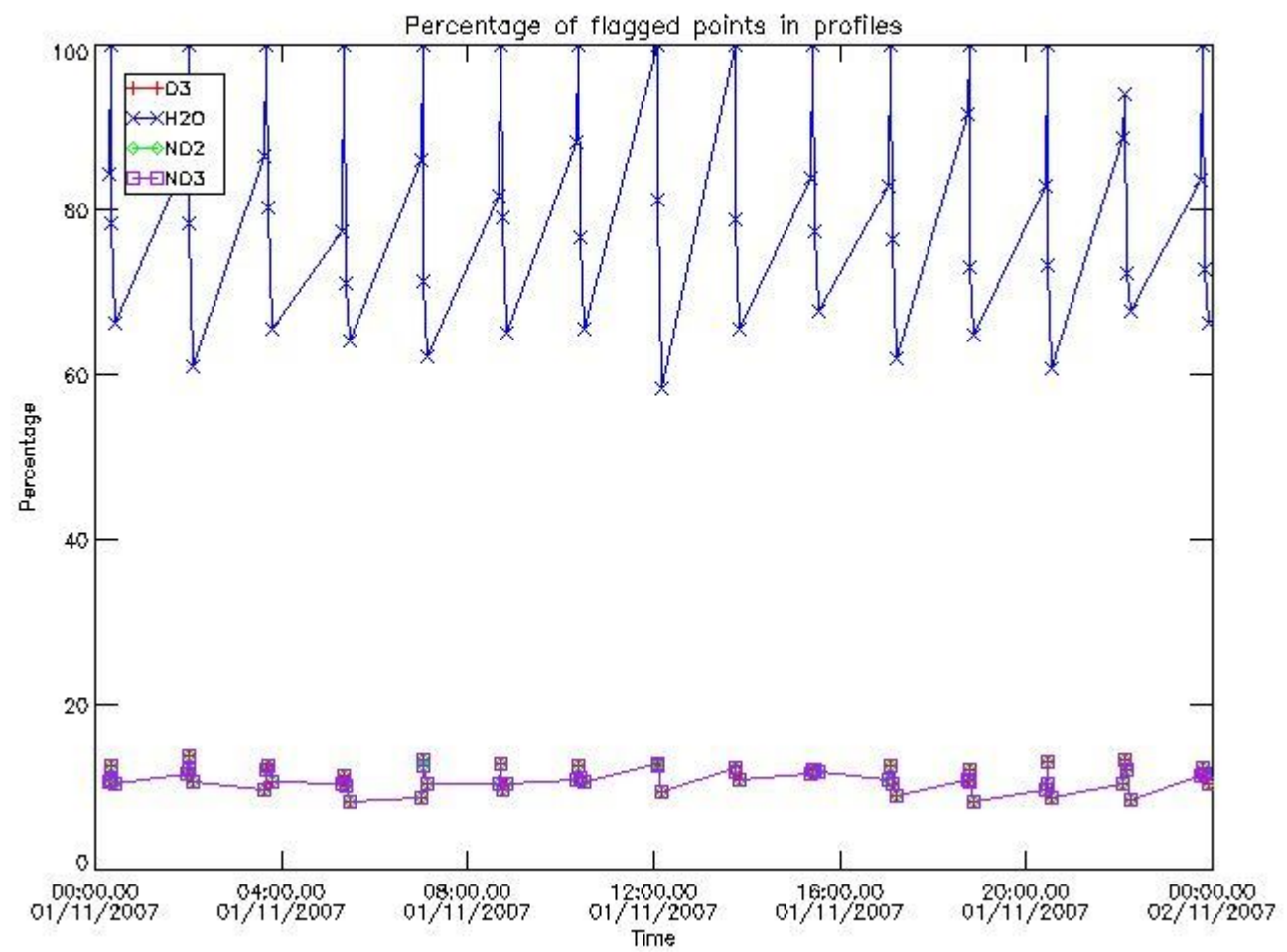
[5.6 Plot NO2 profiles for all STD \(dark without errors\)](#)

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

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

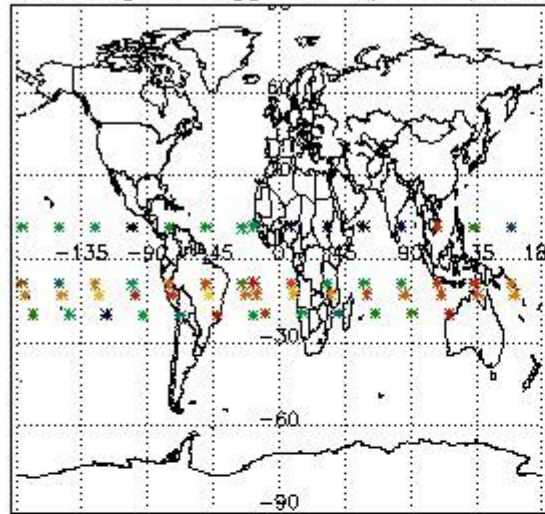
[6. Auxiliary Data Files used for the production reported in section 2](#)

3.1 Plot quality information per product (time dependant)

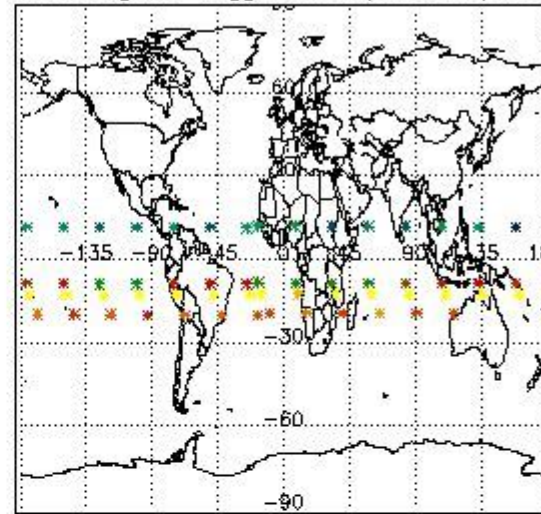


3.2 Plot quality information per product (world map)

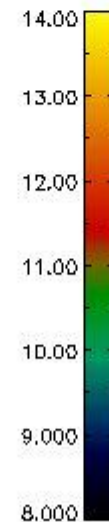
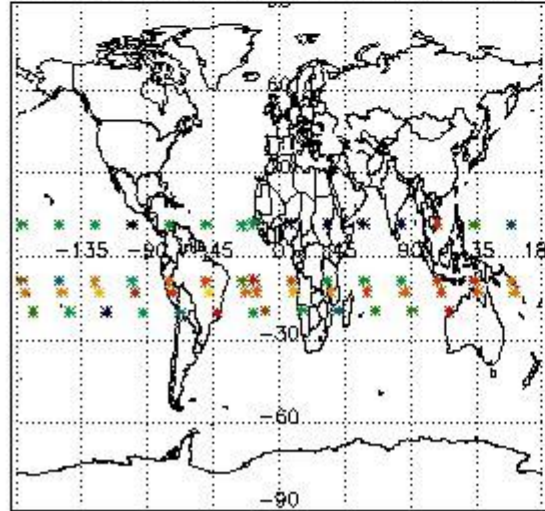
Percentage of flagged data per O3 profile



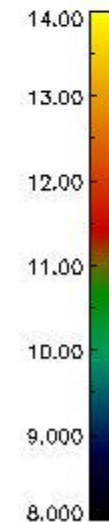
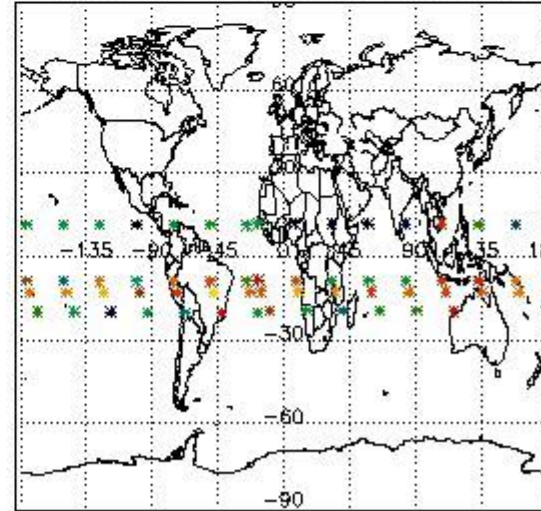
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

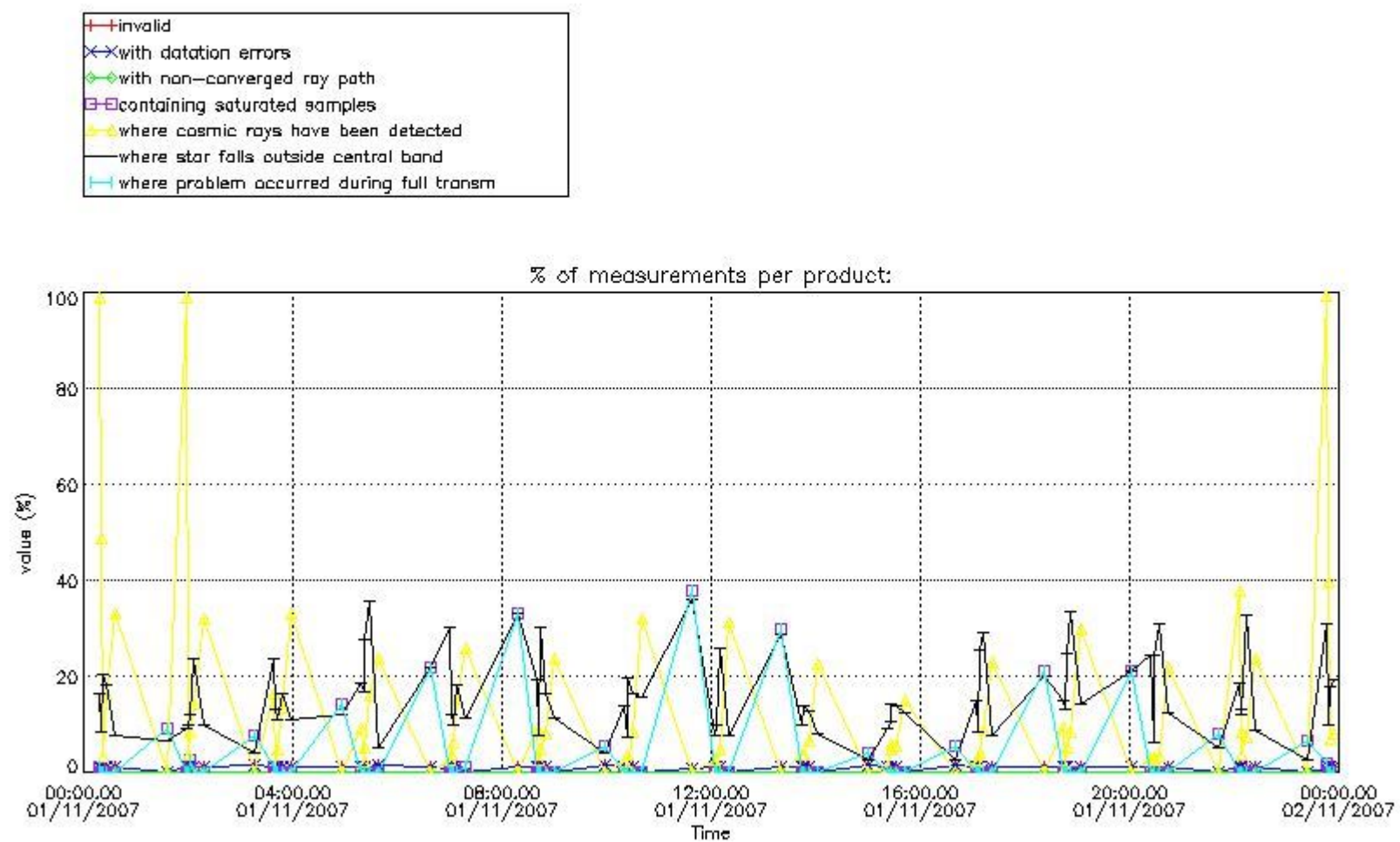


4. Level 1 quality information per product

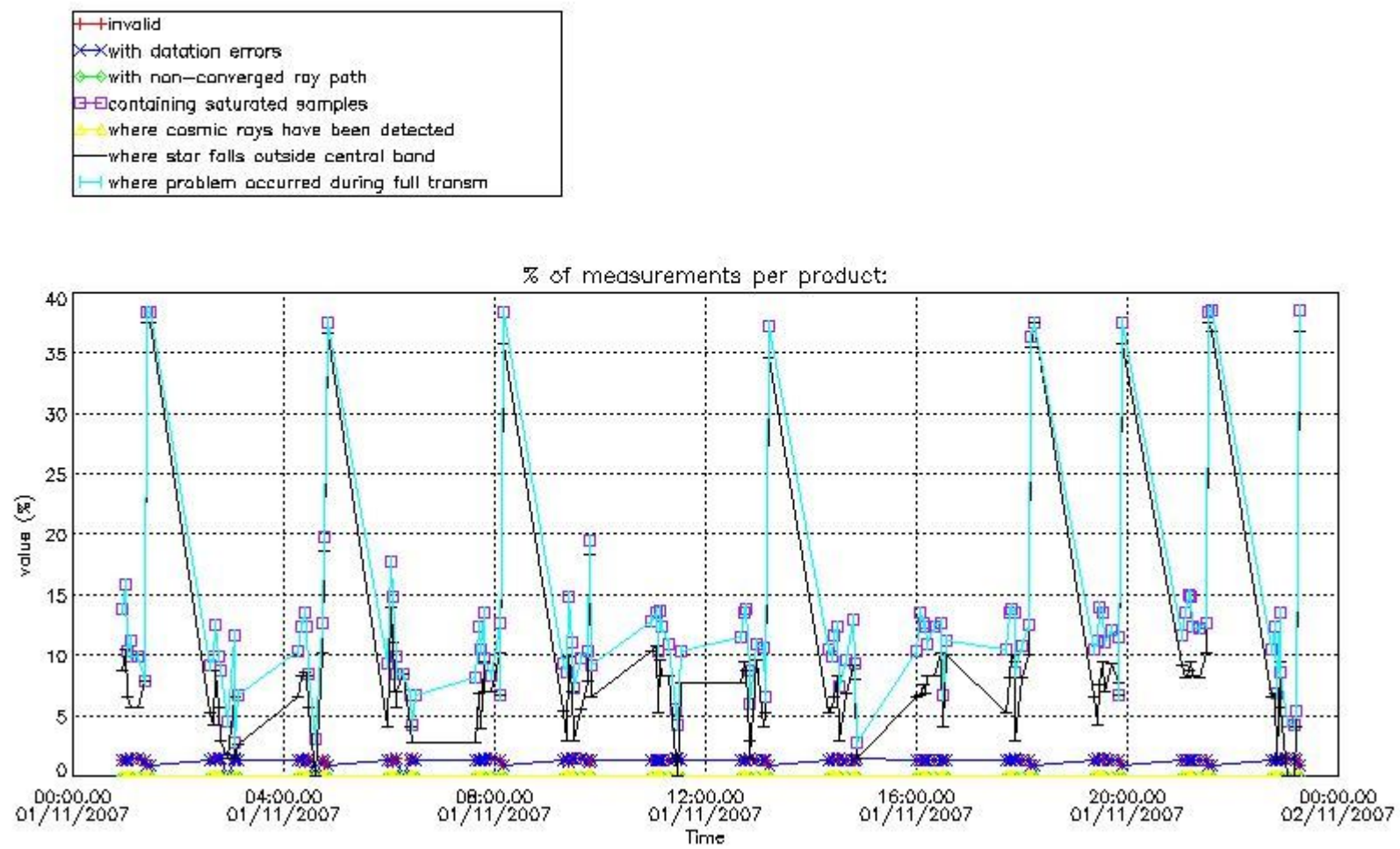
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



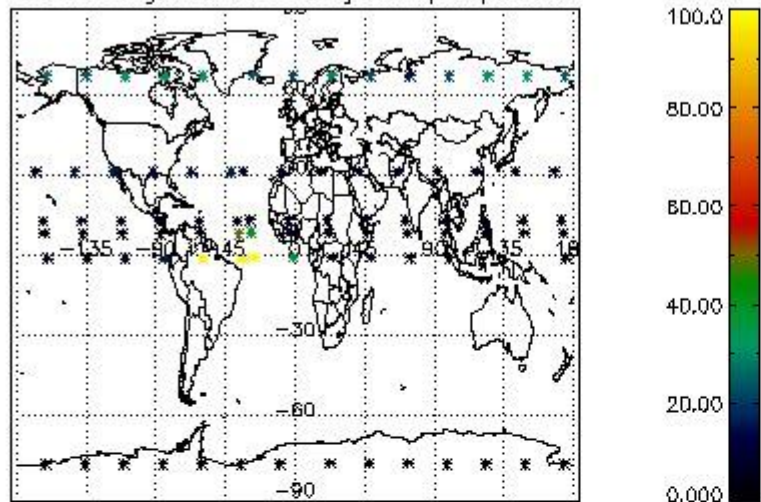
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



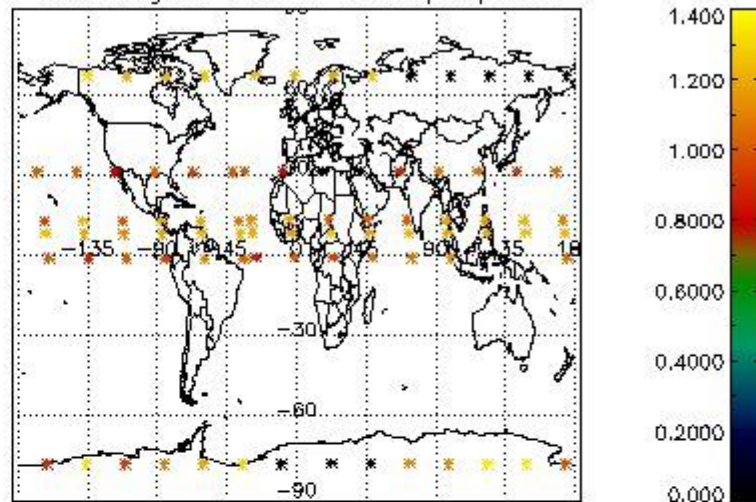
4.2 Plot quality information per product coming from level 1b processing (world map)

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

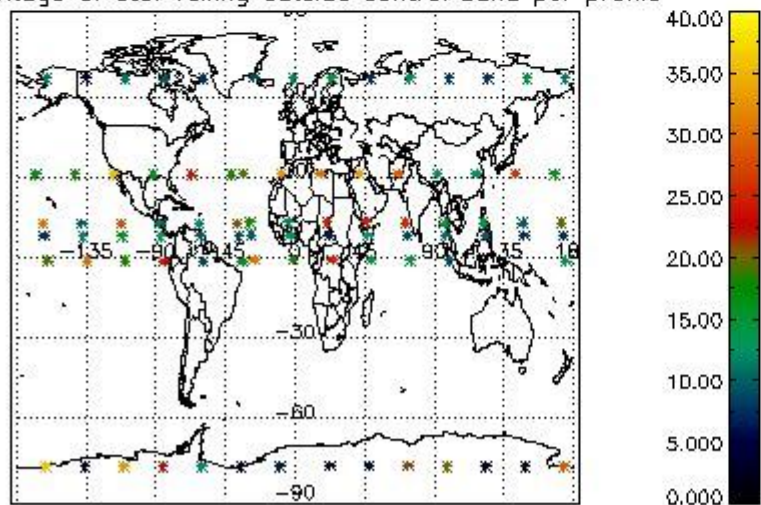
Percentage of cosmic ray hits per profile



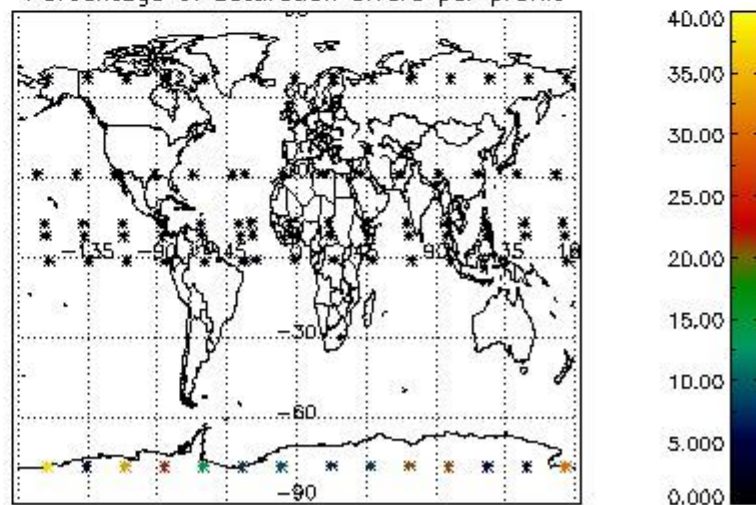
Percentage of datation errors per profile



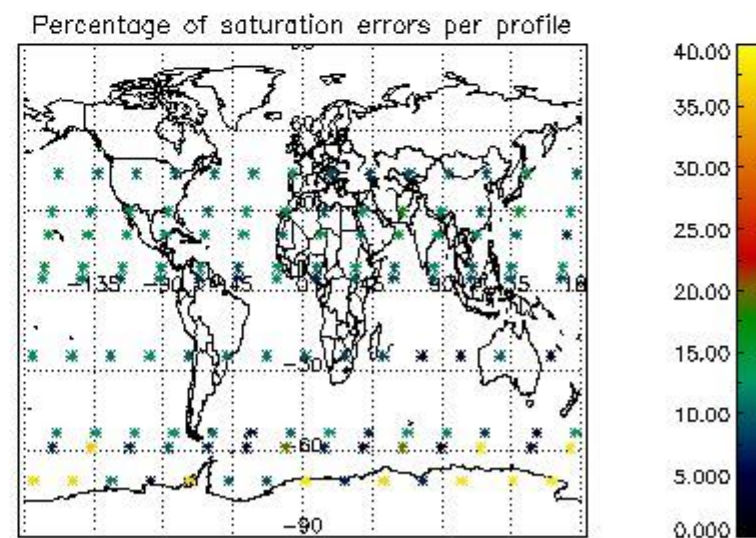
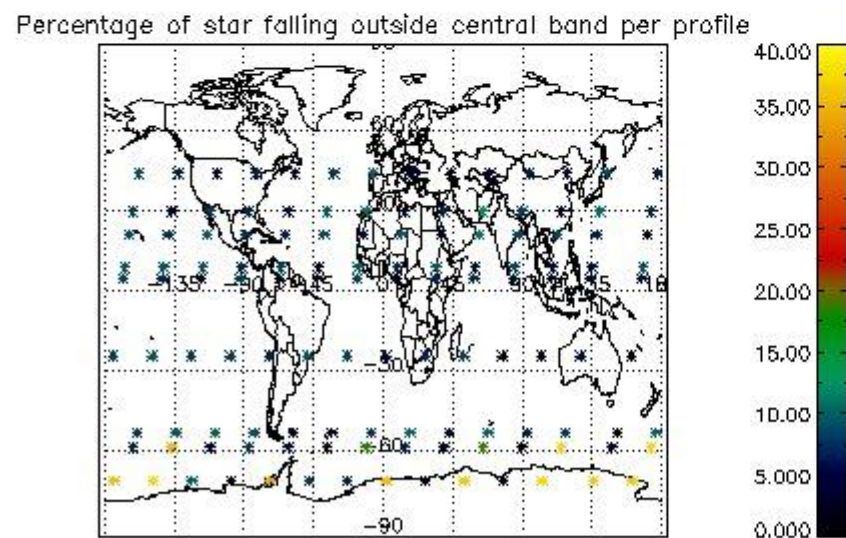
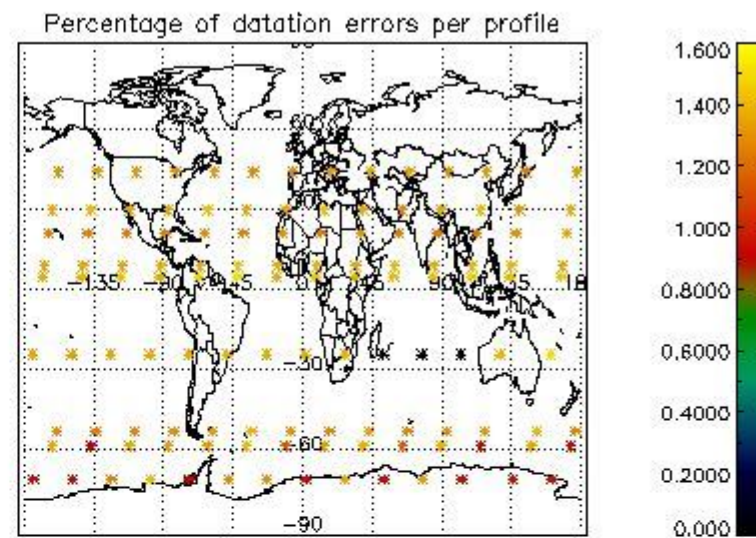
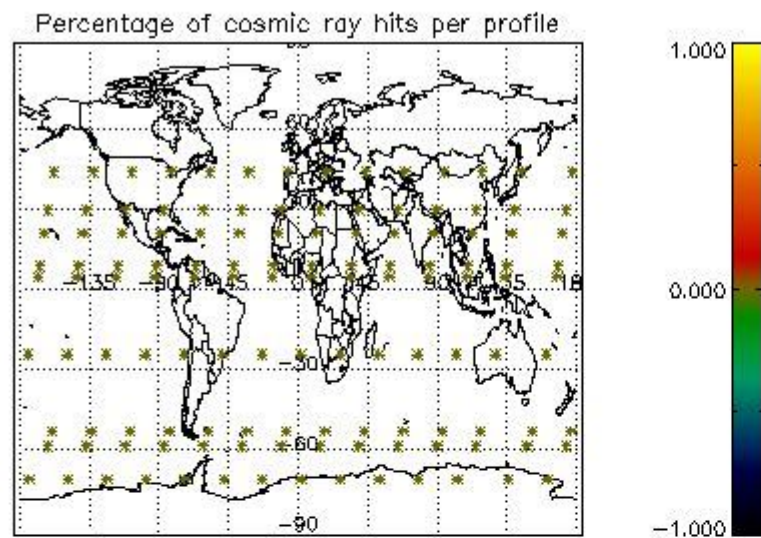
Percentage of star falling outside central band per profile



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

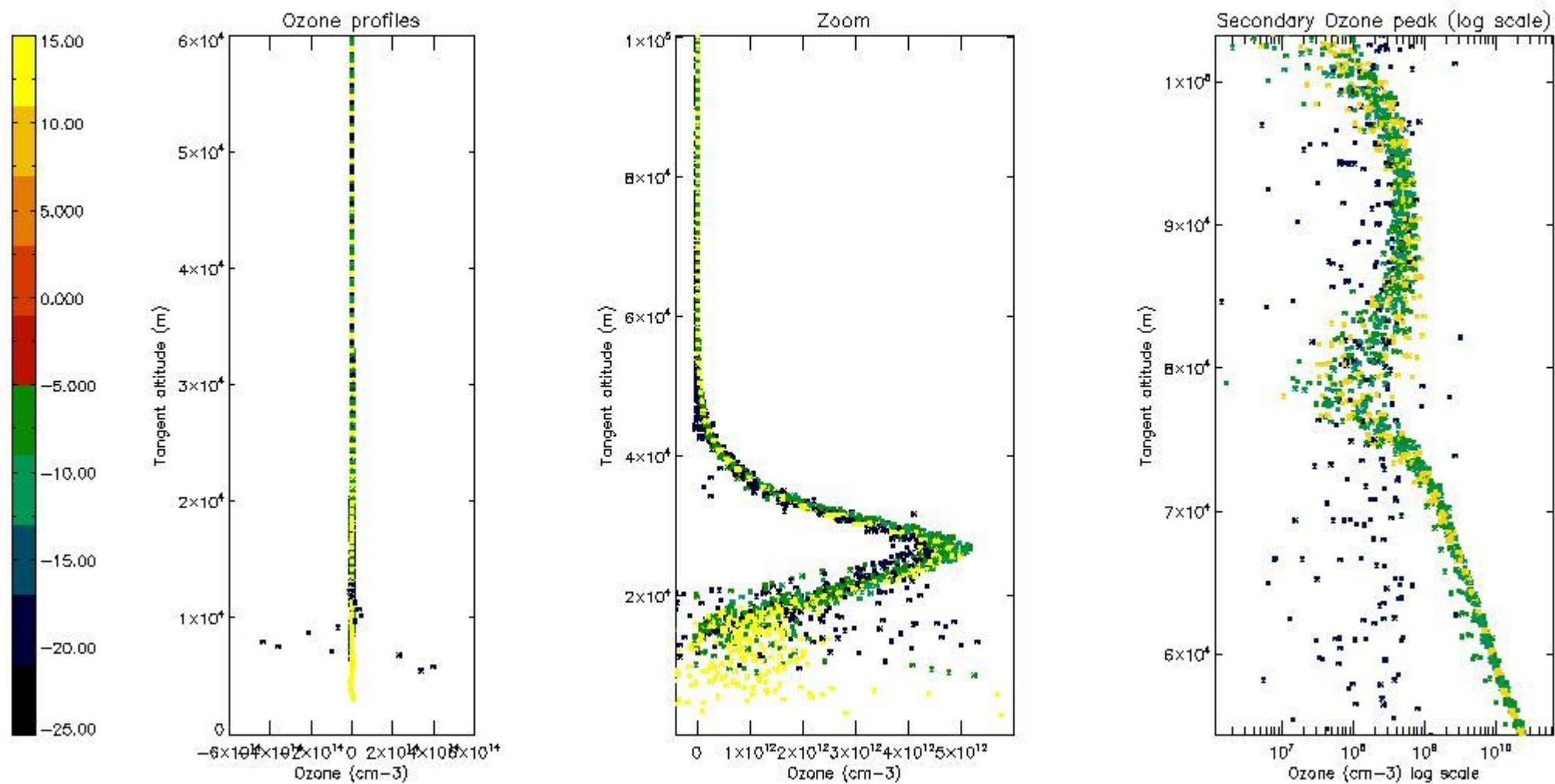
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	18

STD < 10	14
STD < 5	8

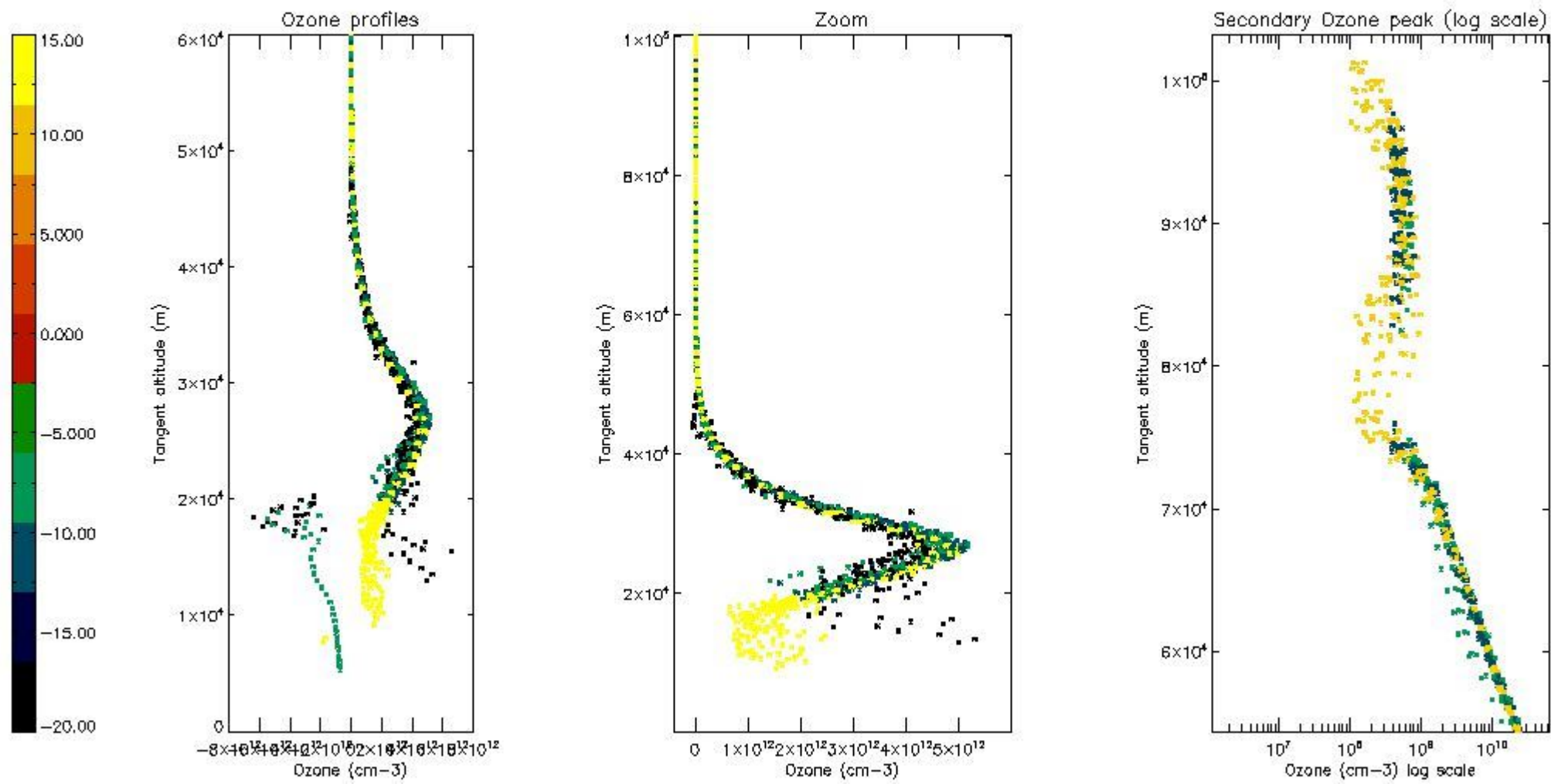
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



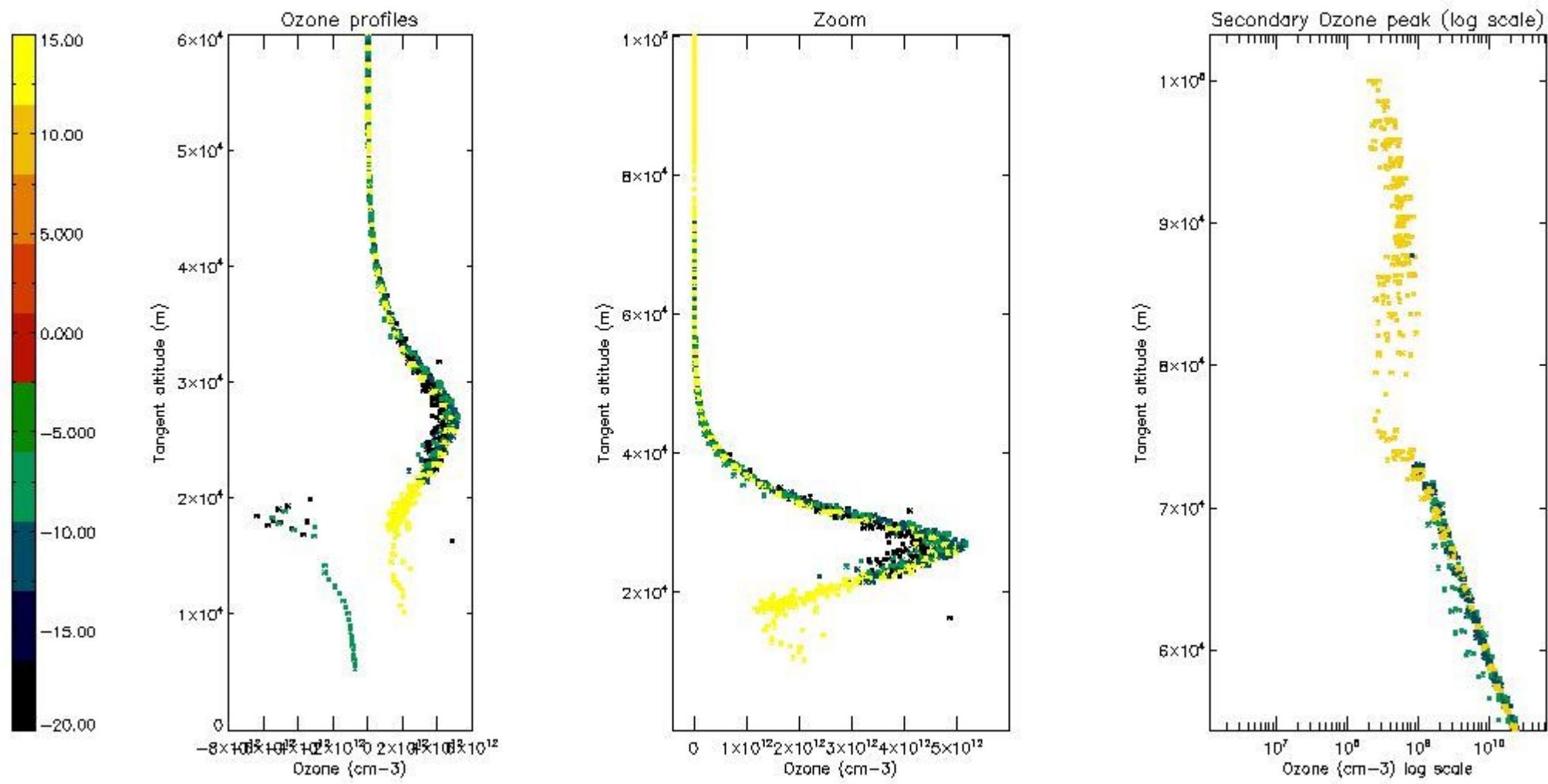
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



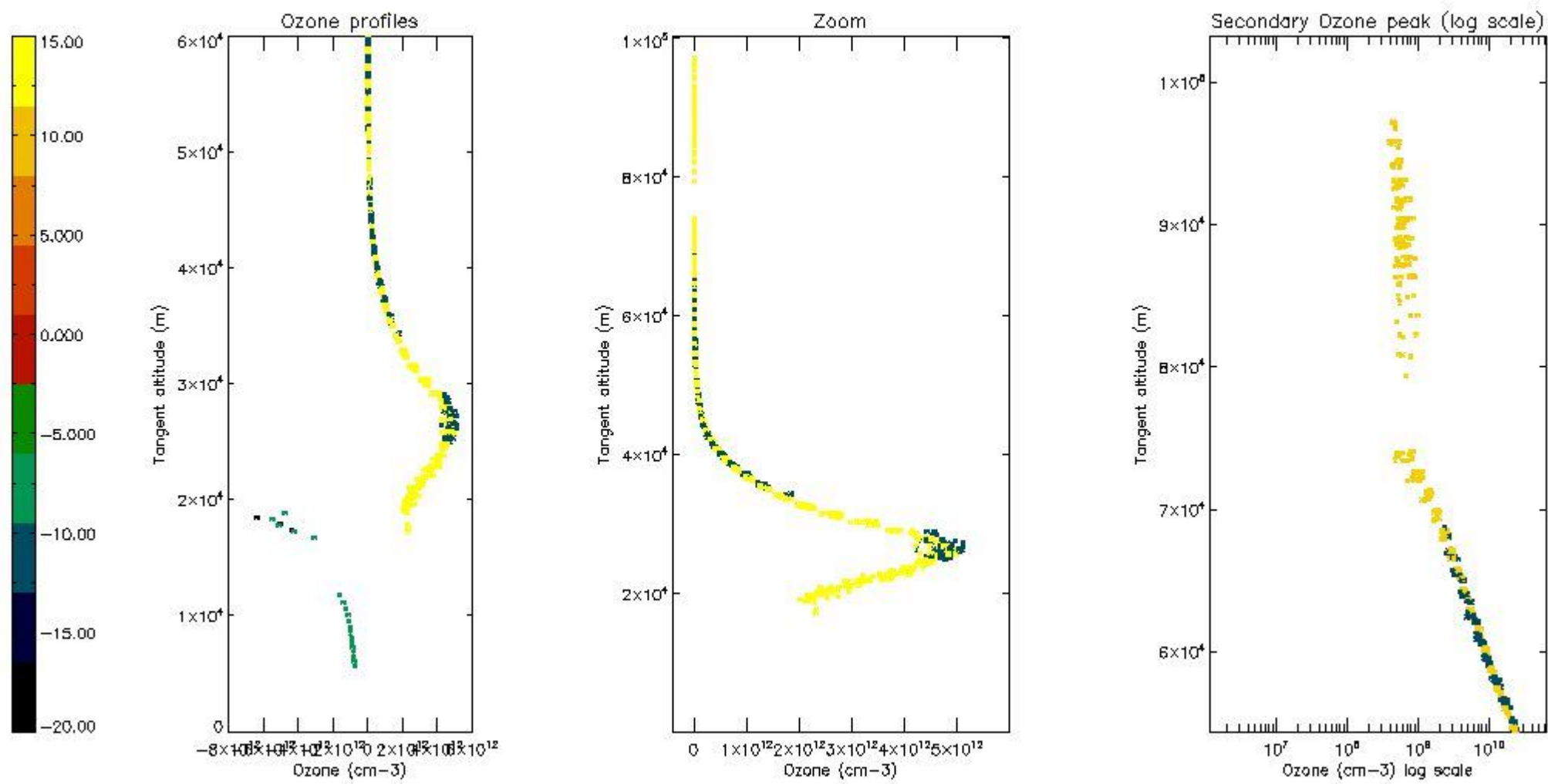
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



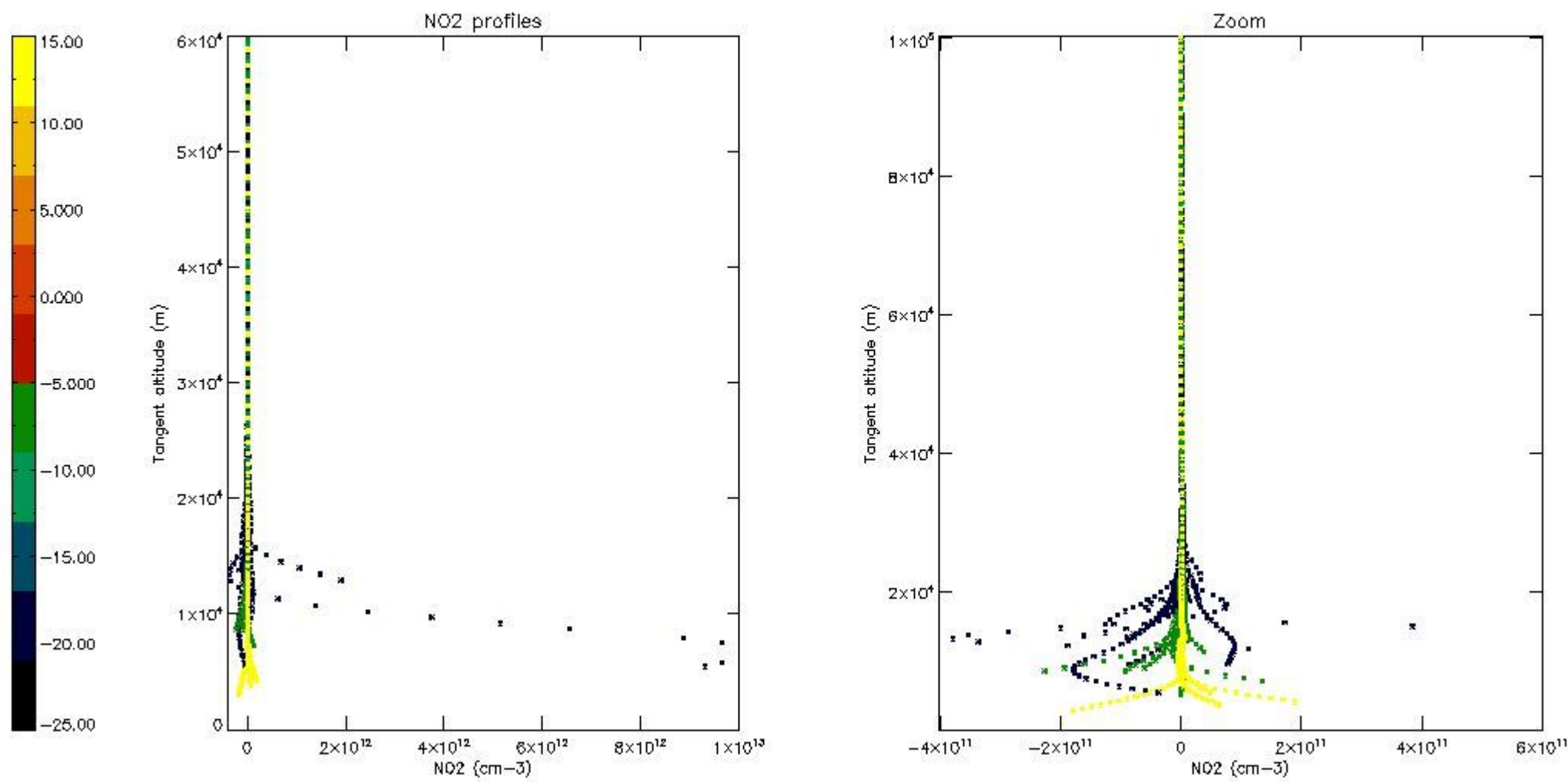
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



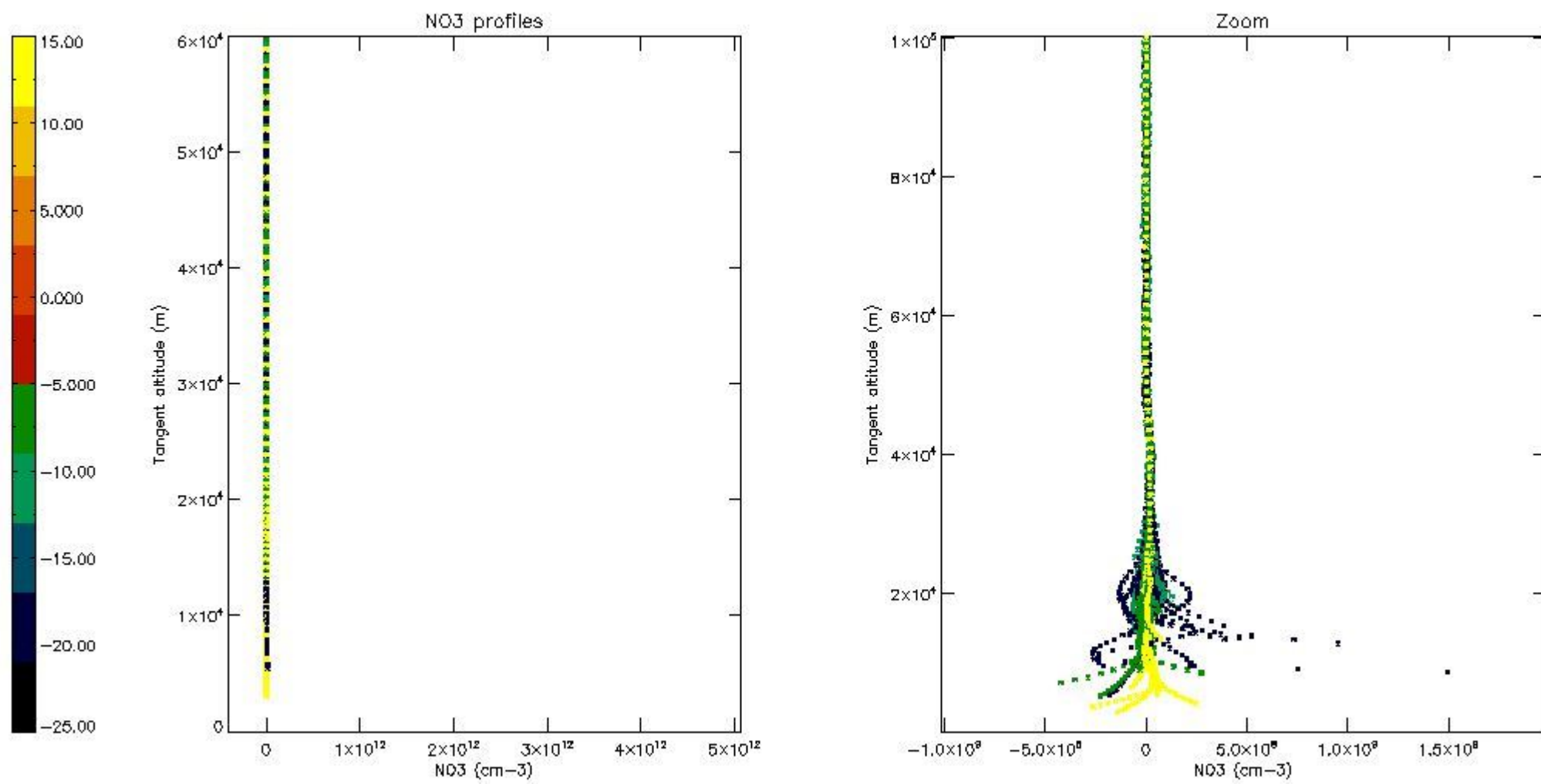
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



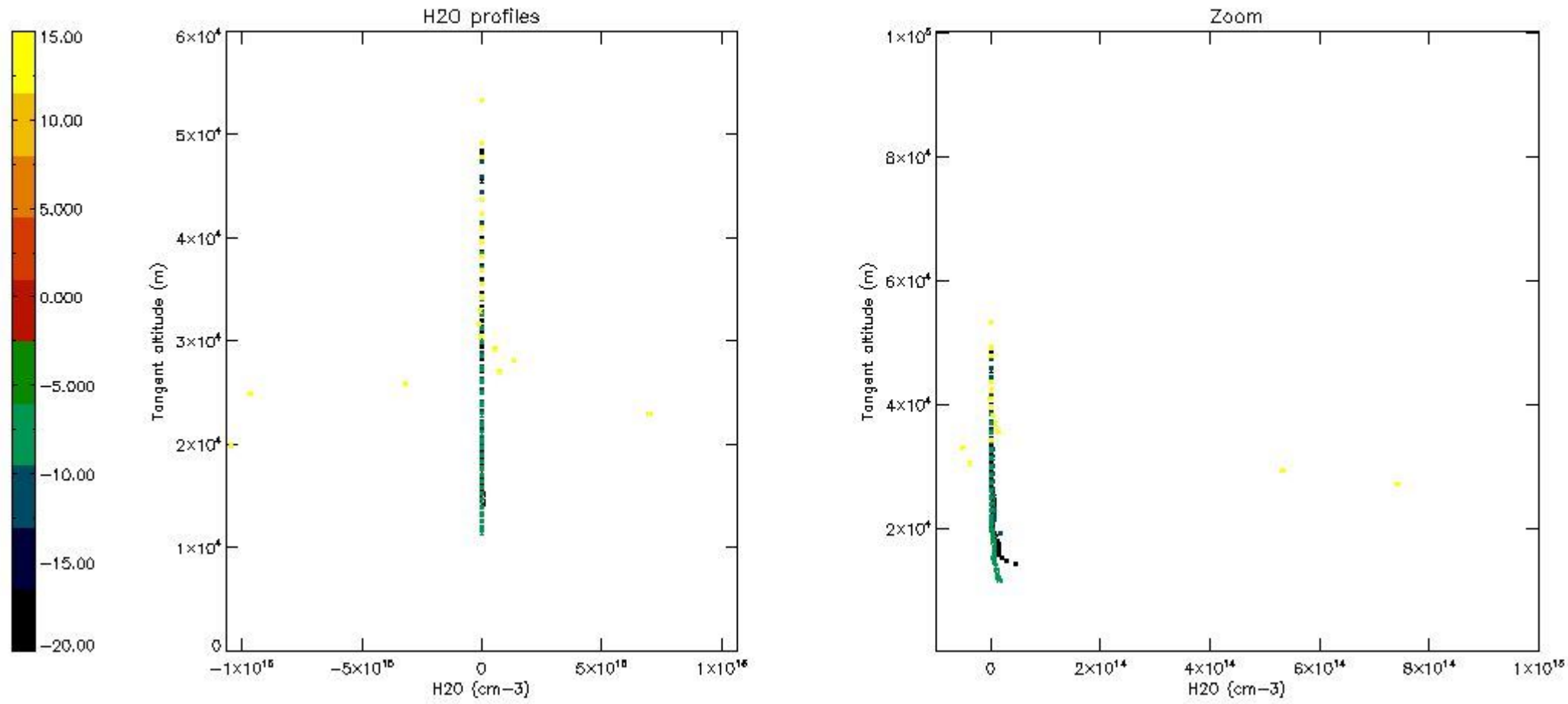
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

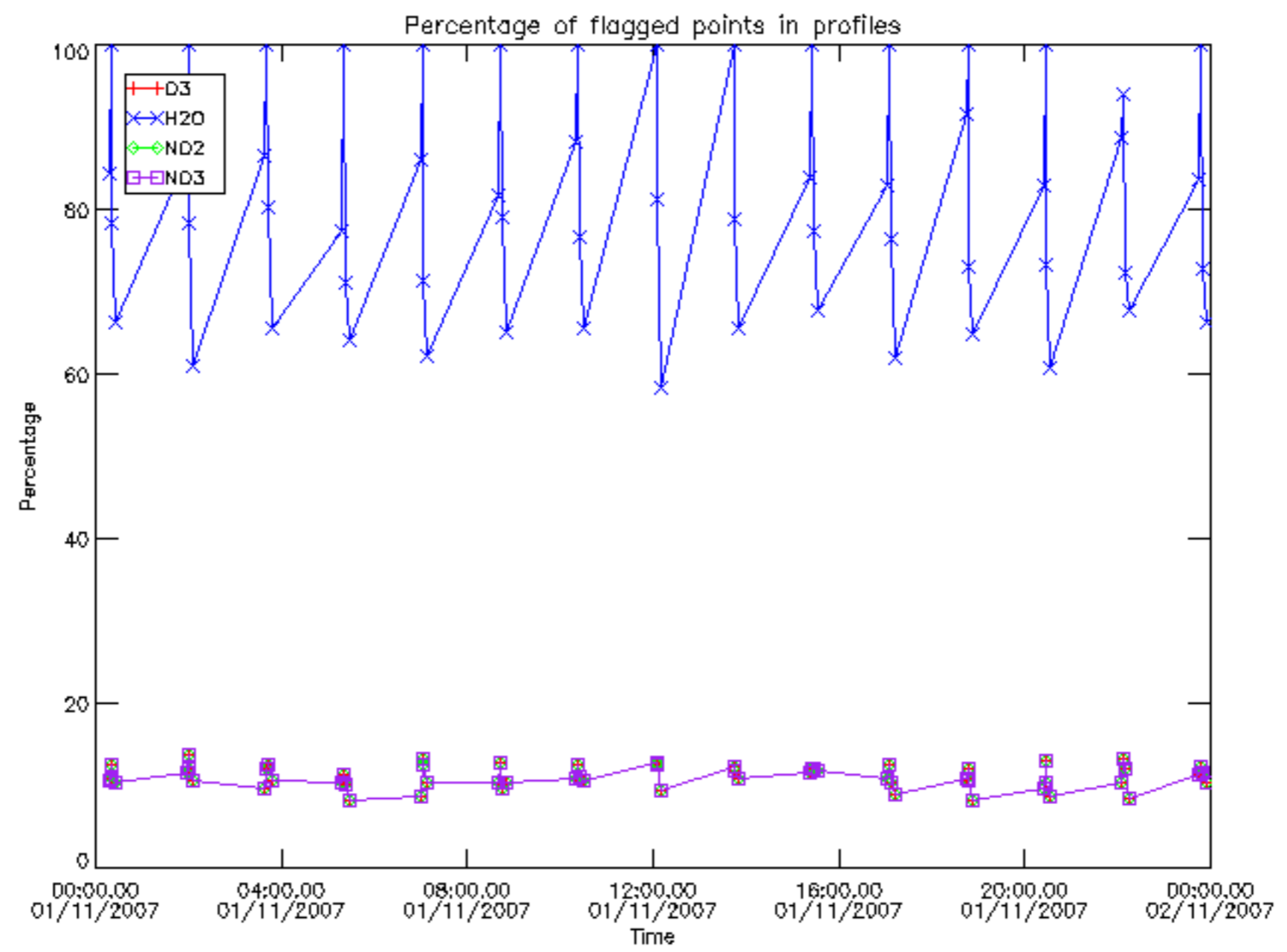
The colorbar represents the latitude.



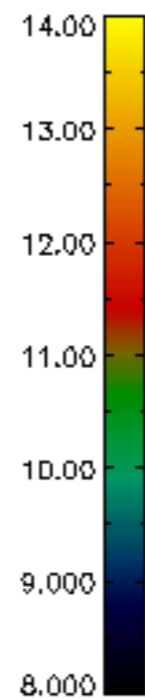
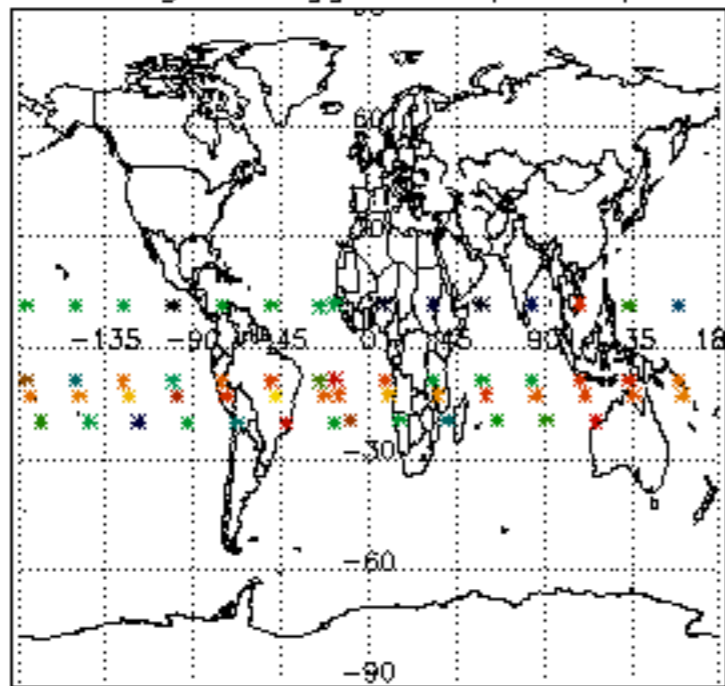
6. Auxiliary Data Files used for the production reported in section 2

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.

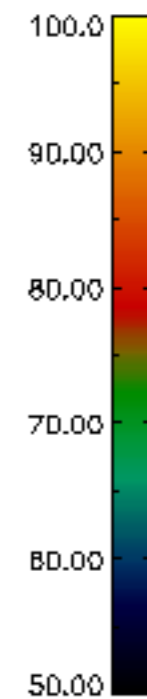
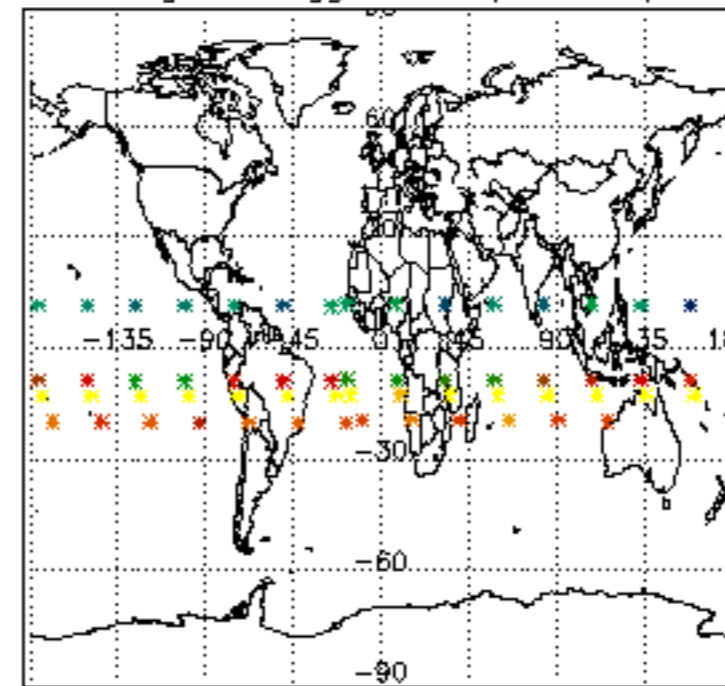
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	01-NOV-2007 00:17:04
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	01-NOV-2007 00:17:04
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	01-NOV-2007 00:17:04



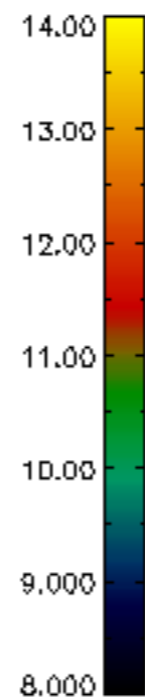
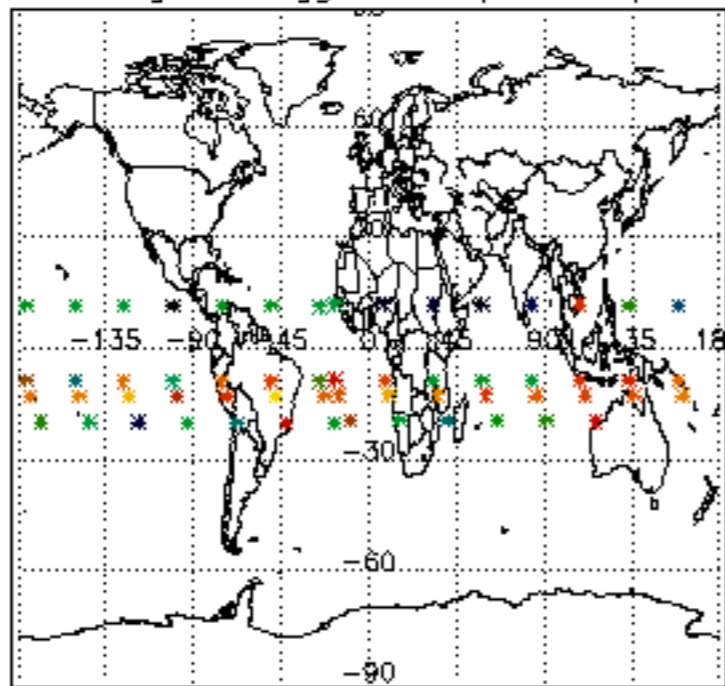
Percentage of flagged data per D3 profile



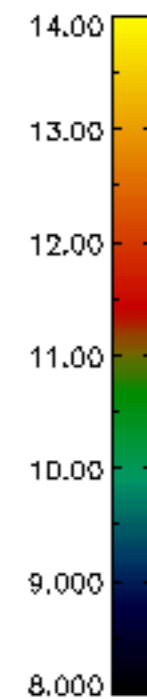
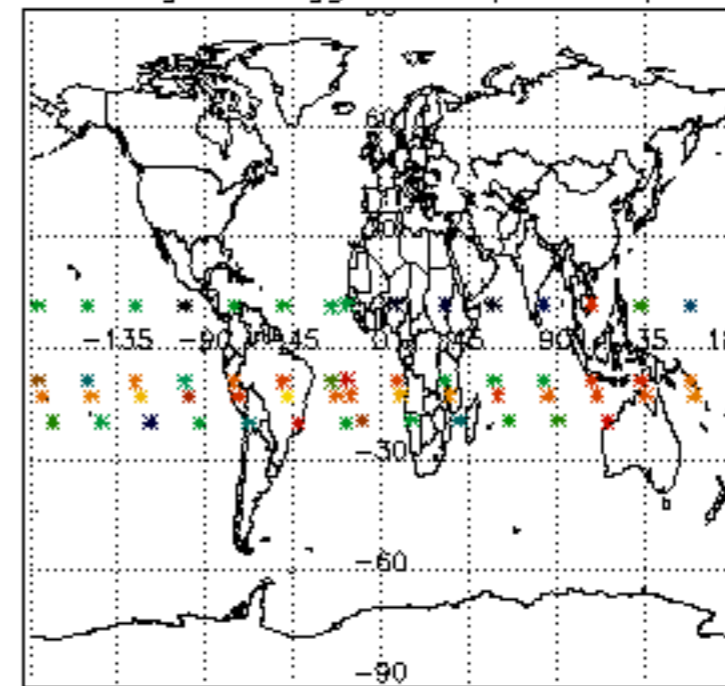
Percentage of flagged data per H2O profile

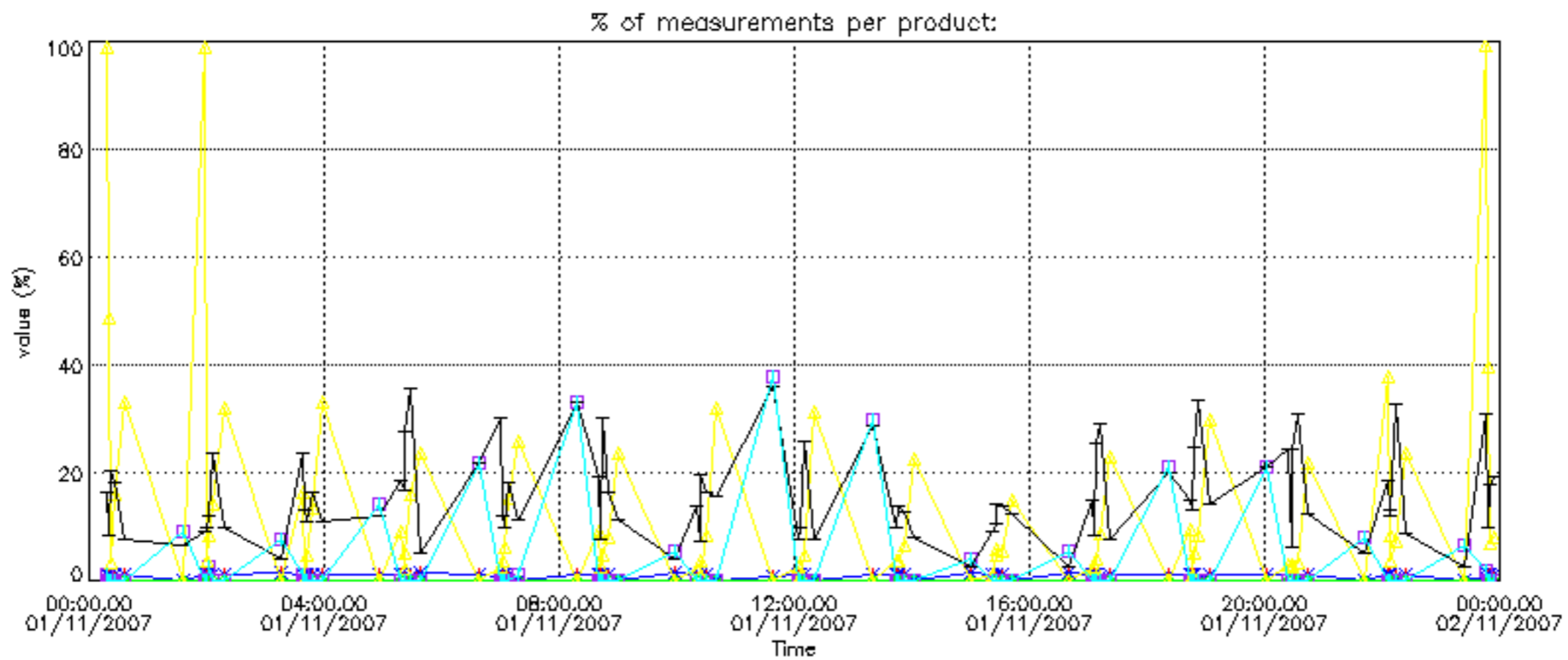


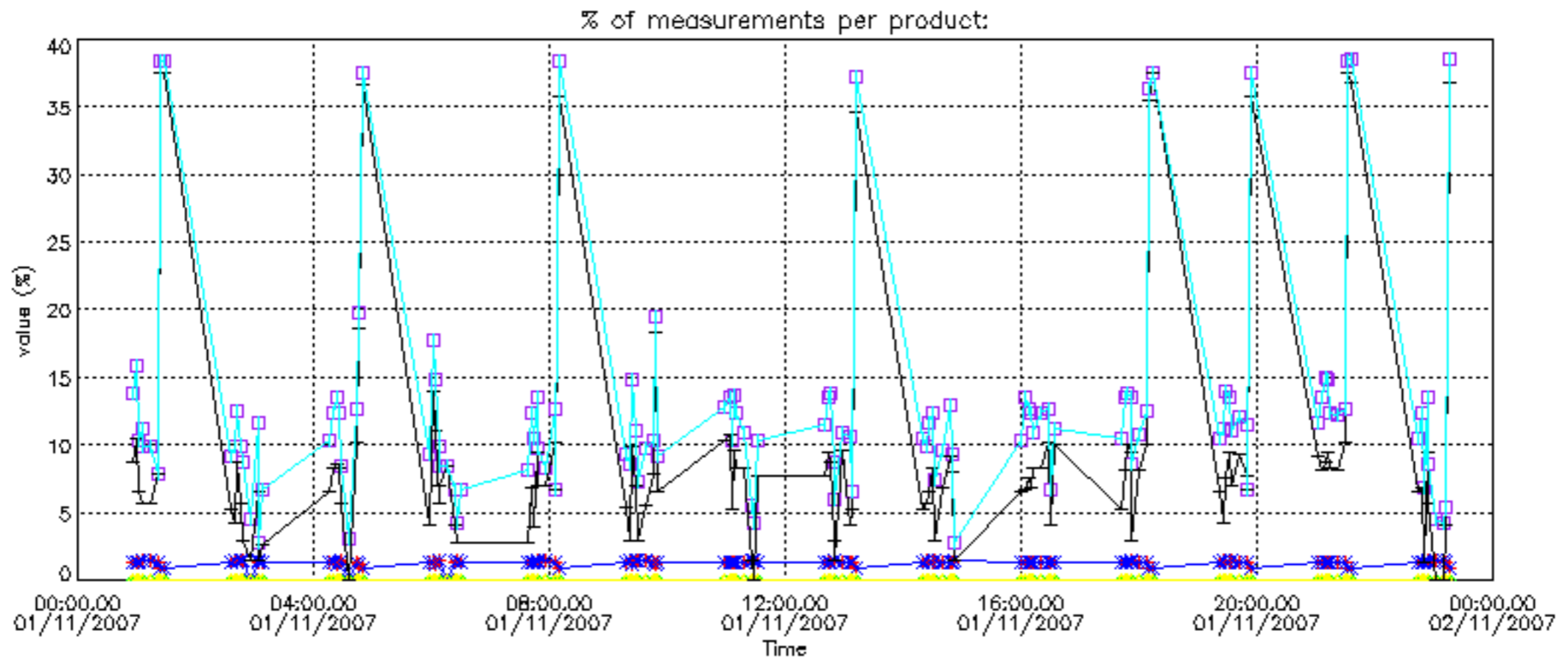
Percentage of flagged data per NO2 profile



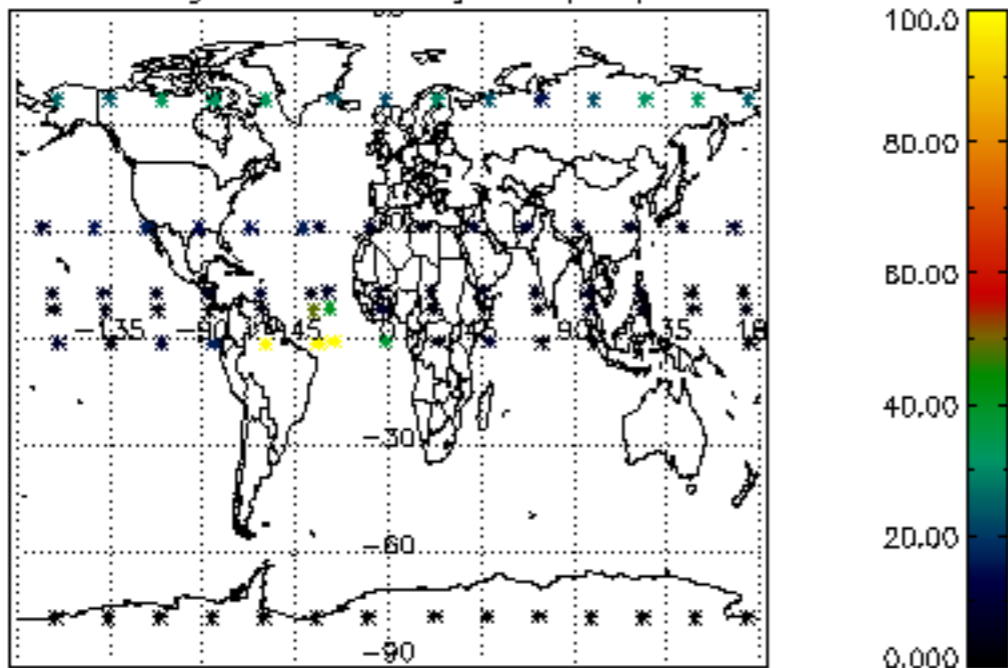
Percentage of flagged data per NO3 profile



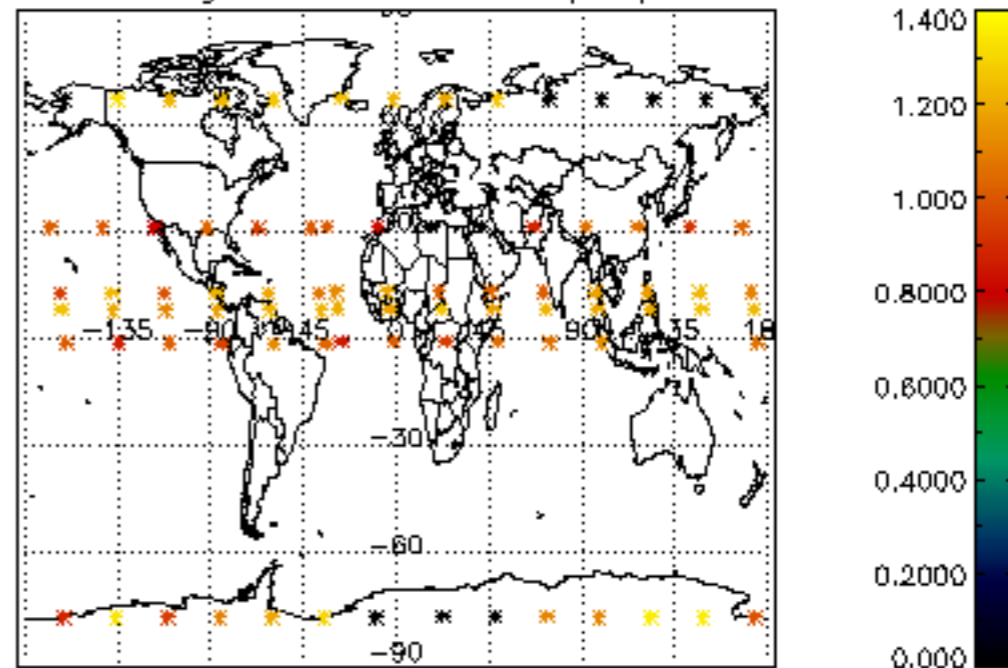




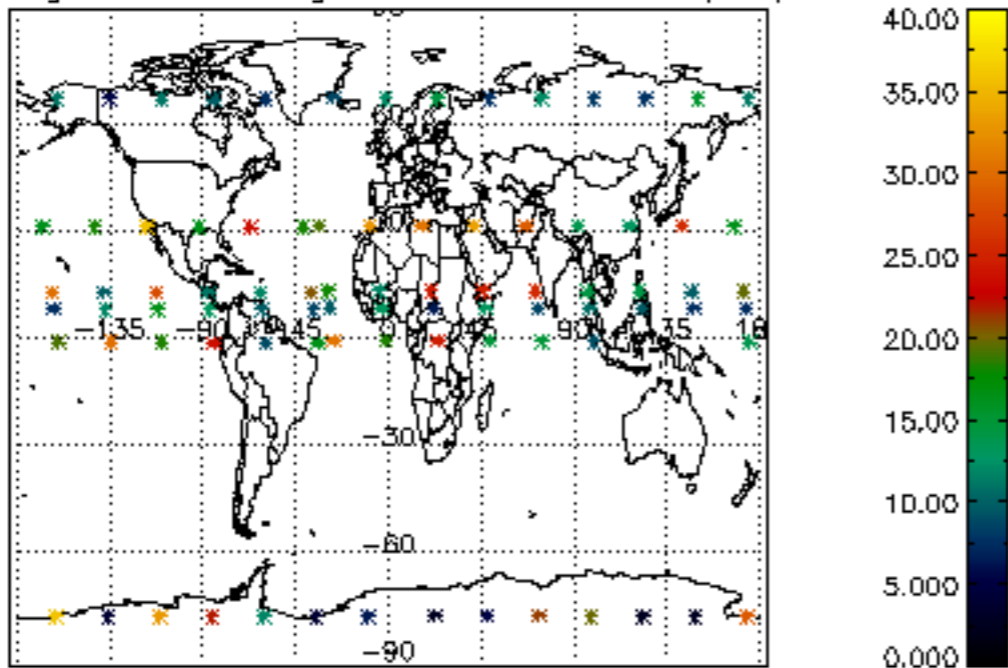
Percentage of cosmic ray hits per profile



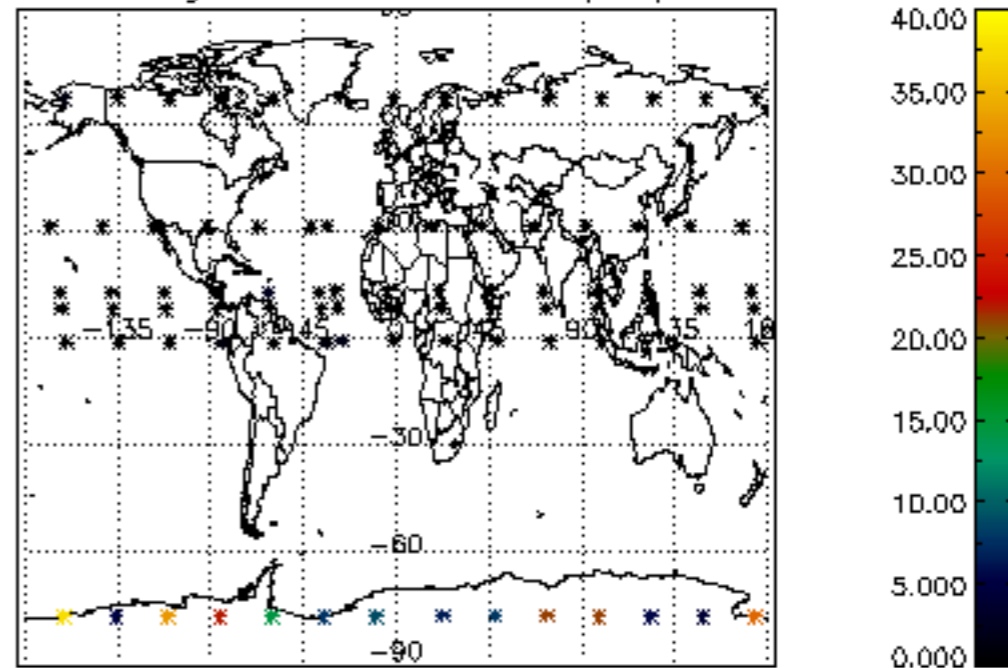
Percentage of datation errors per profile



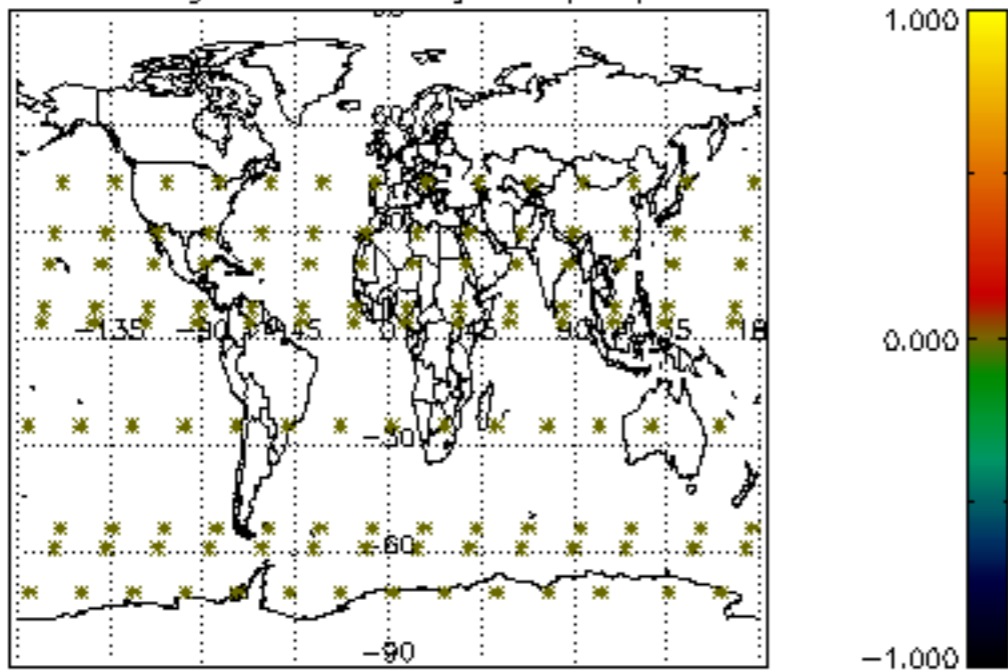
Percentage of star falling outside central band per profile



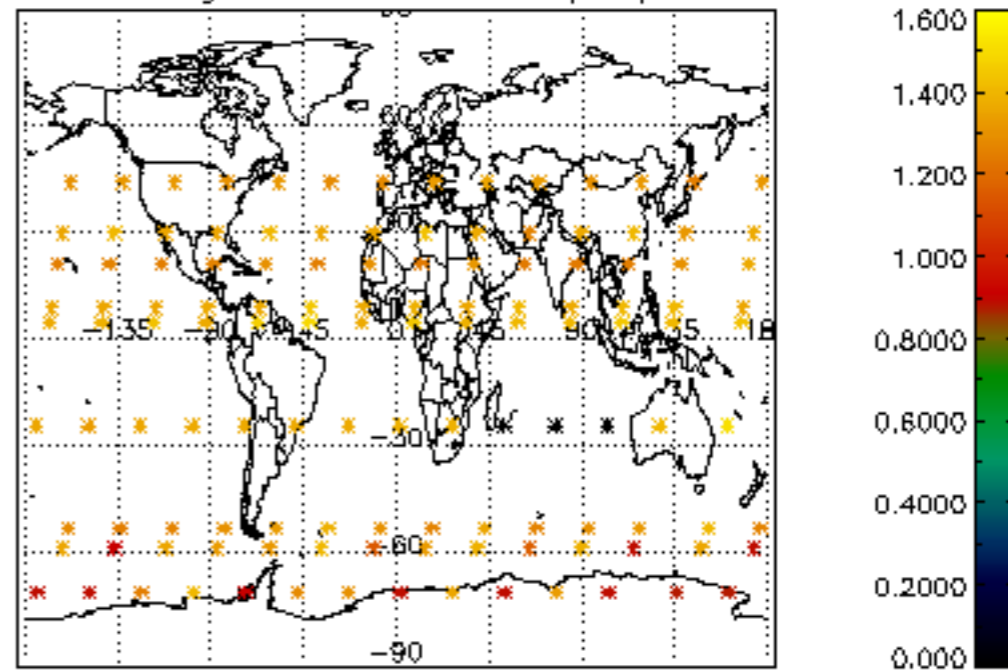
Percentage of saturation errors per profile



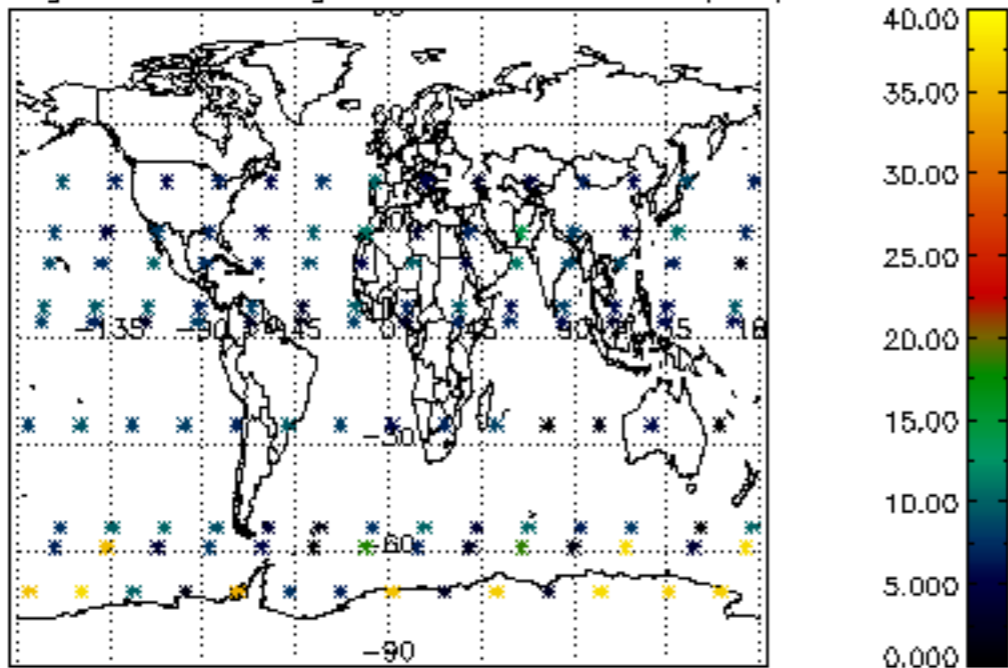
Percentage of cosmic ray hits per profile



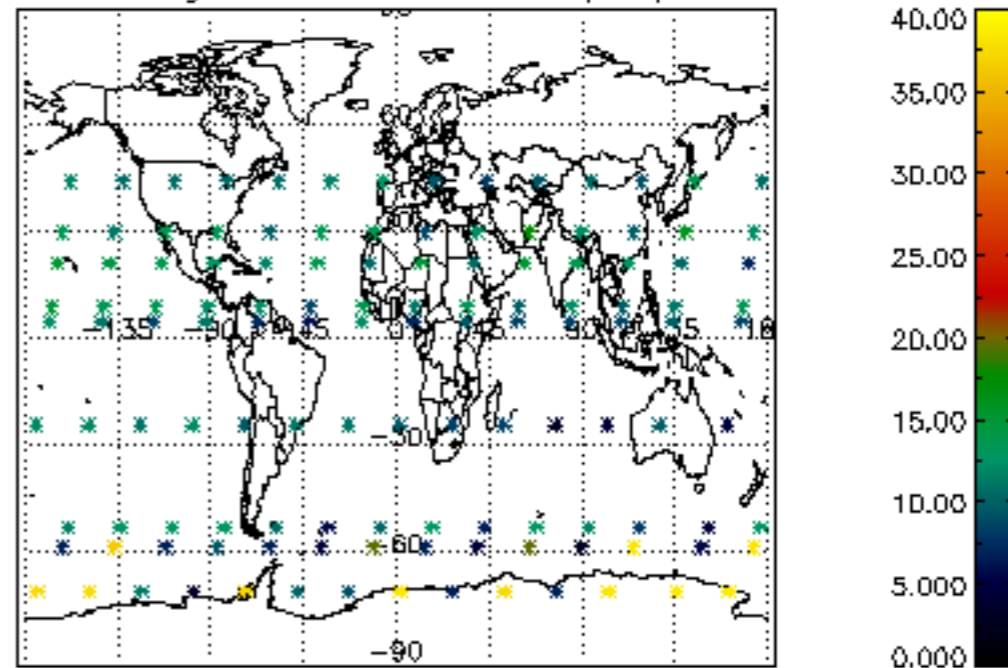
Percentage of datation errors per profile

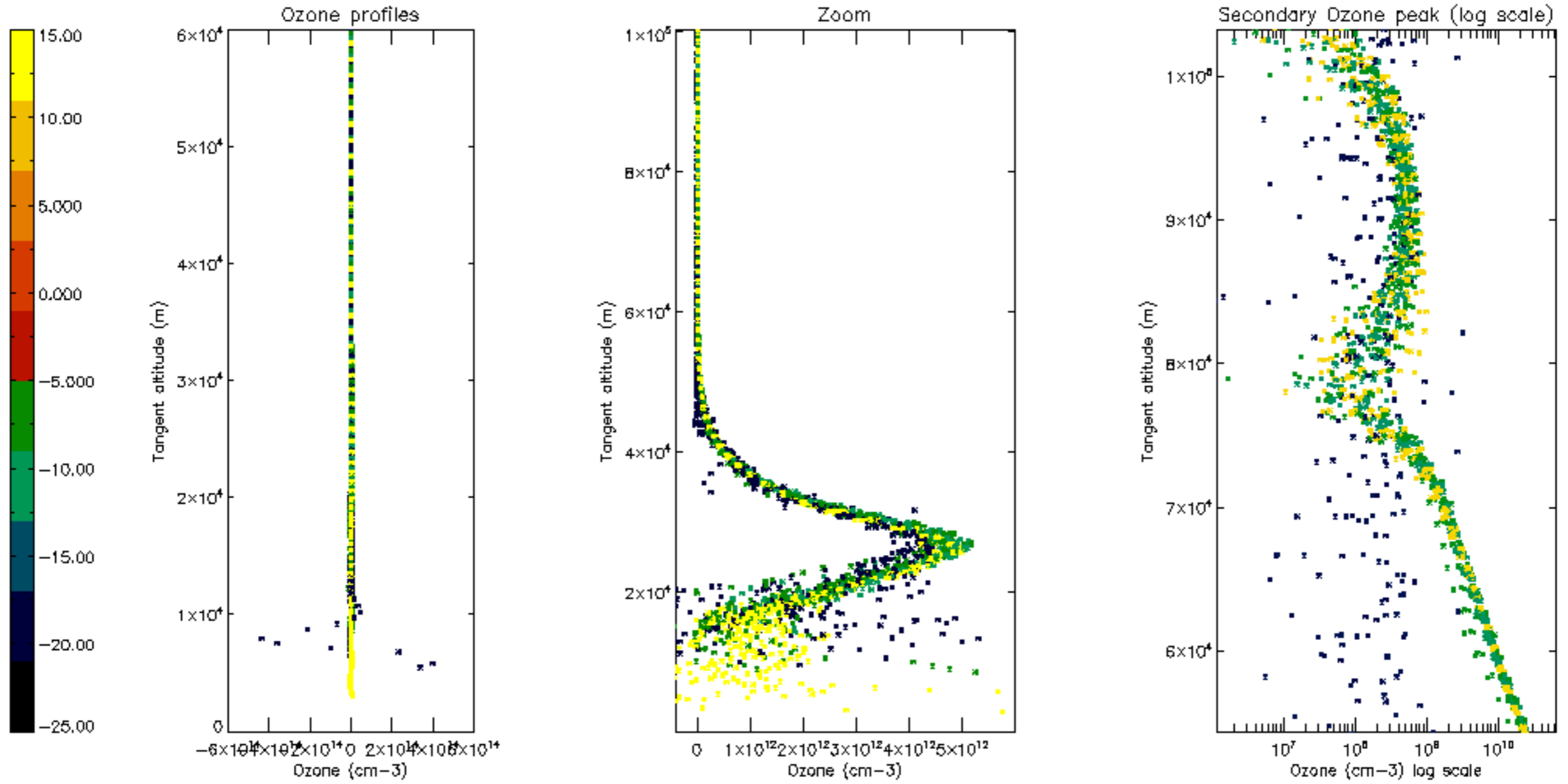


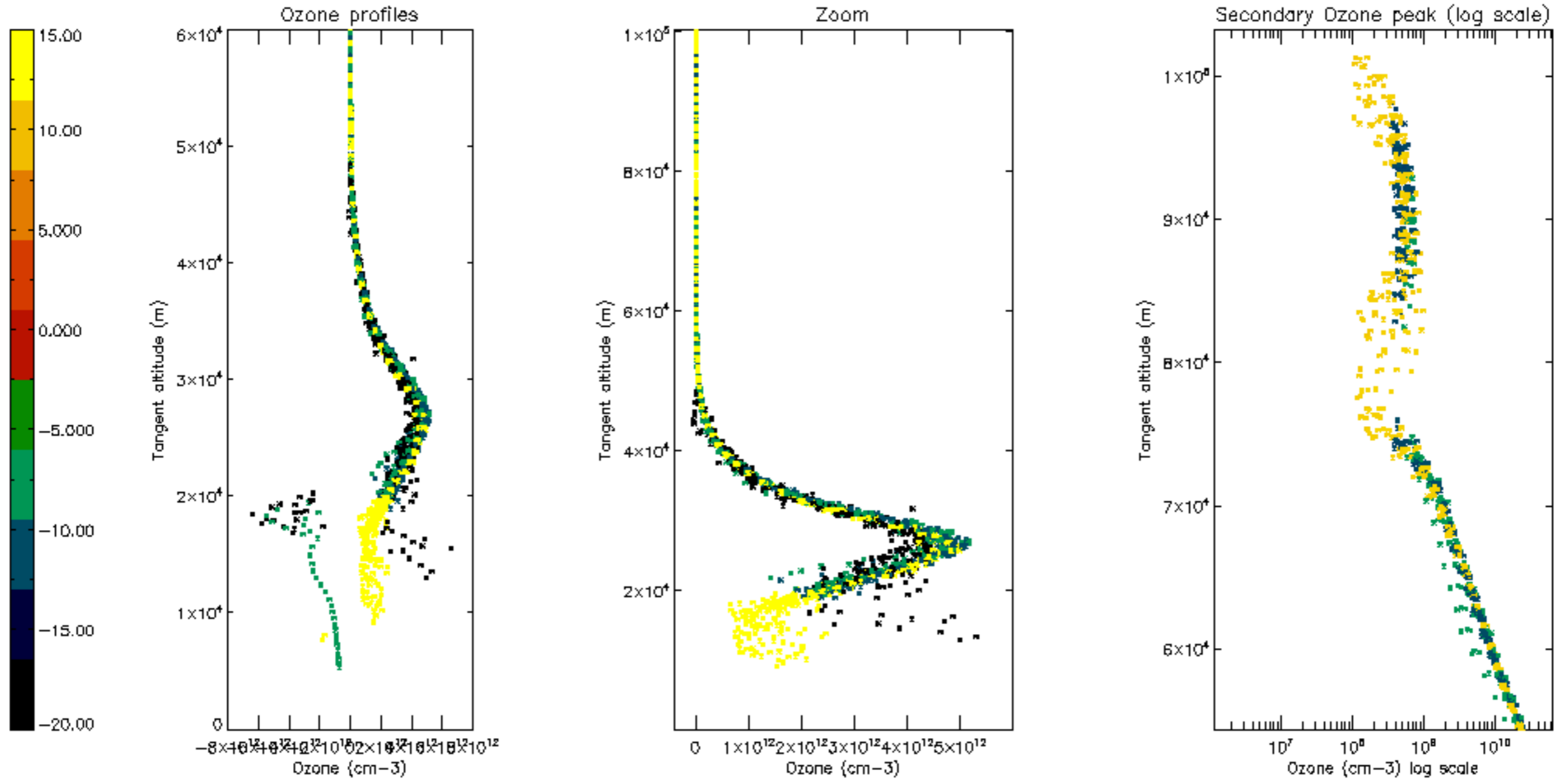
Percentage of star falling outside central band per profile

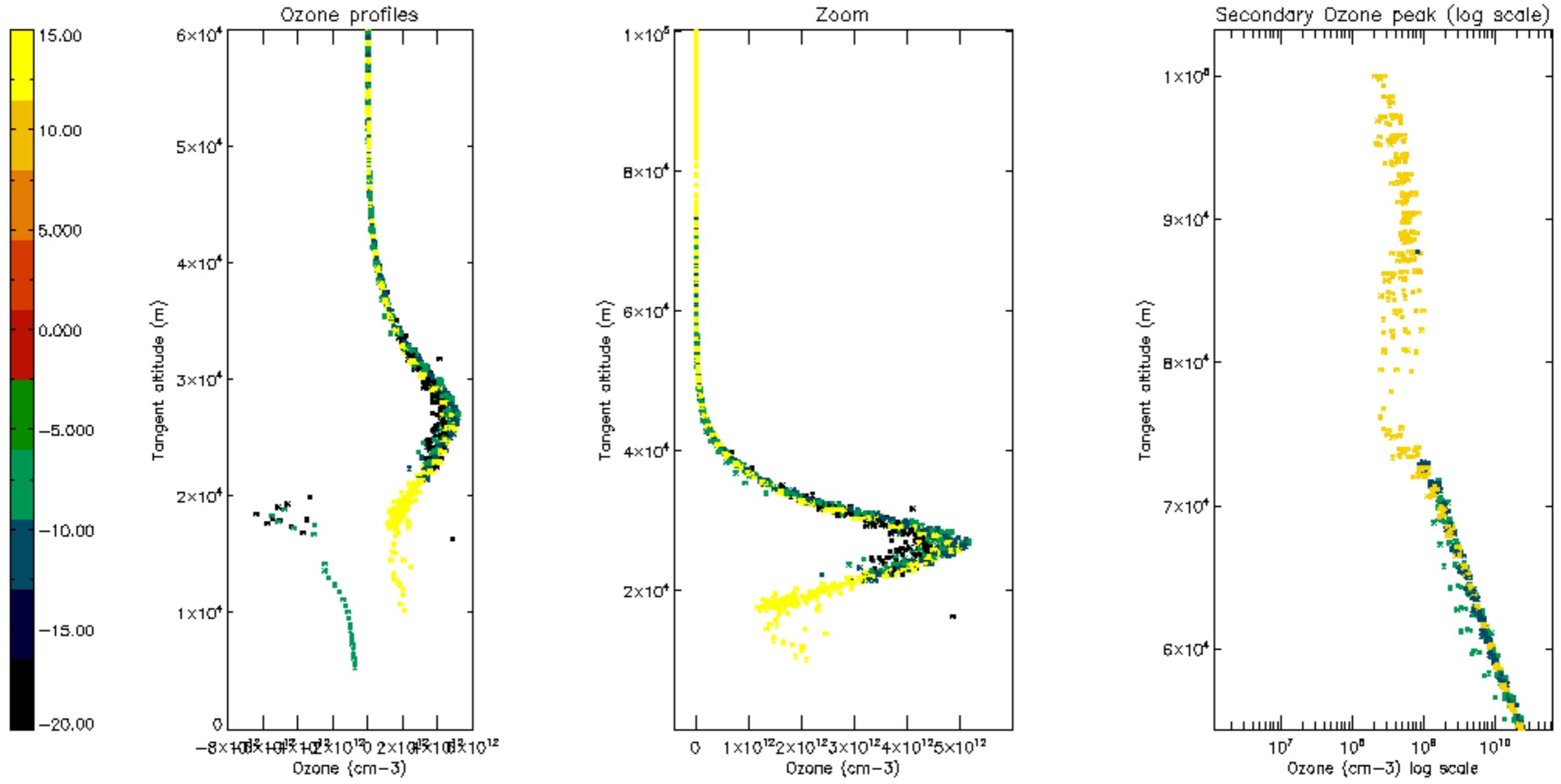


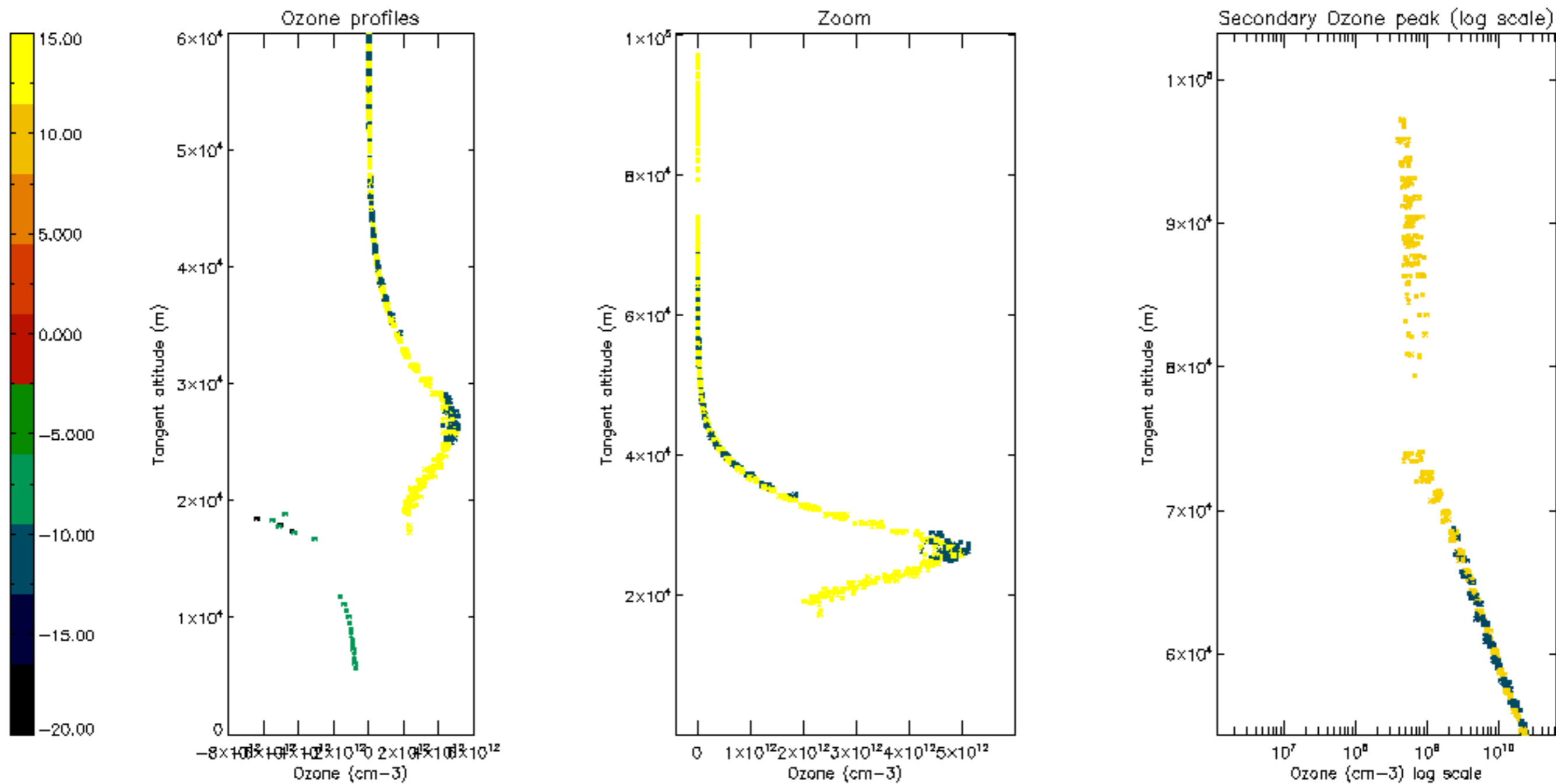
Percentage of saturation errors per profile

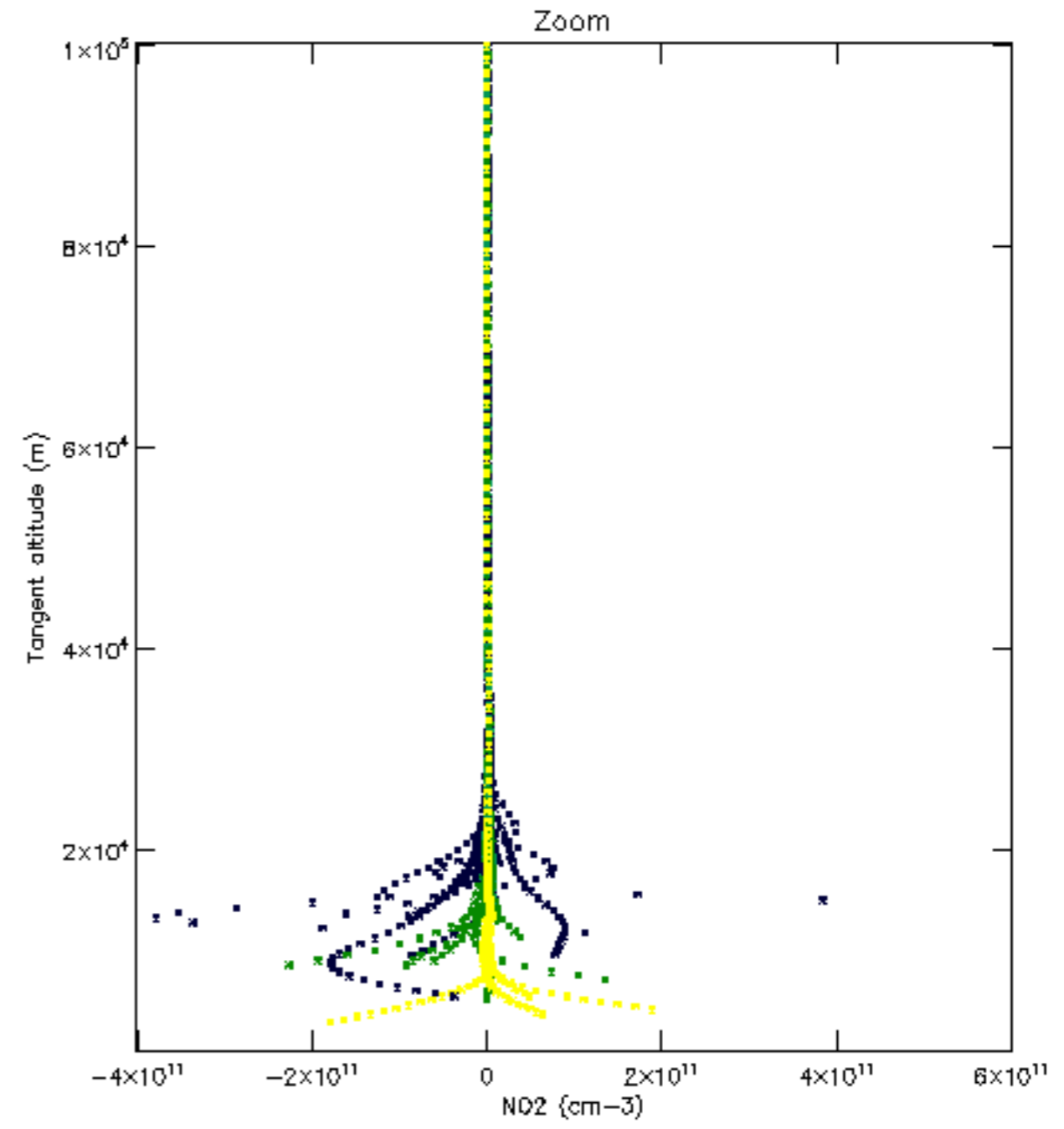
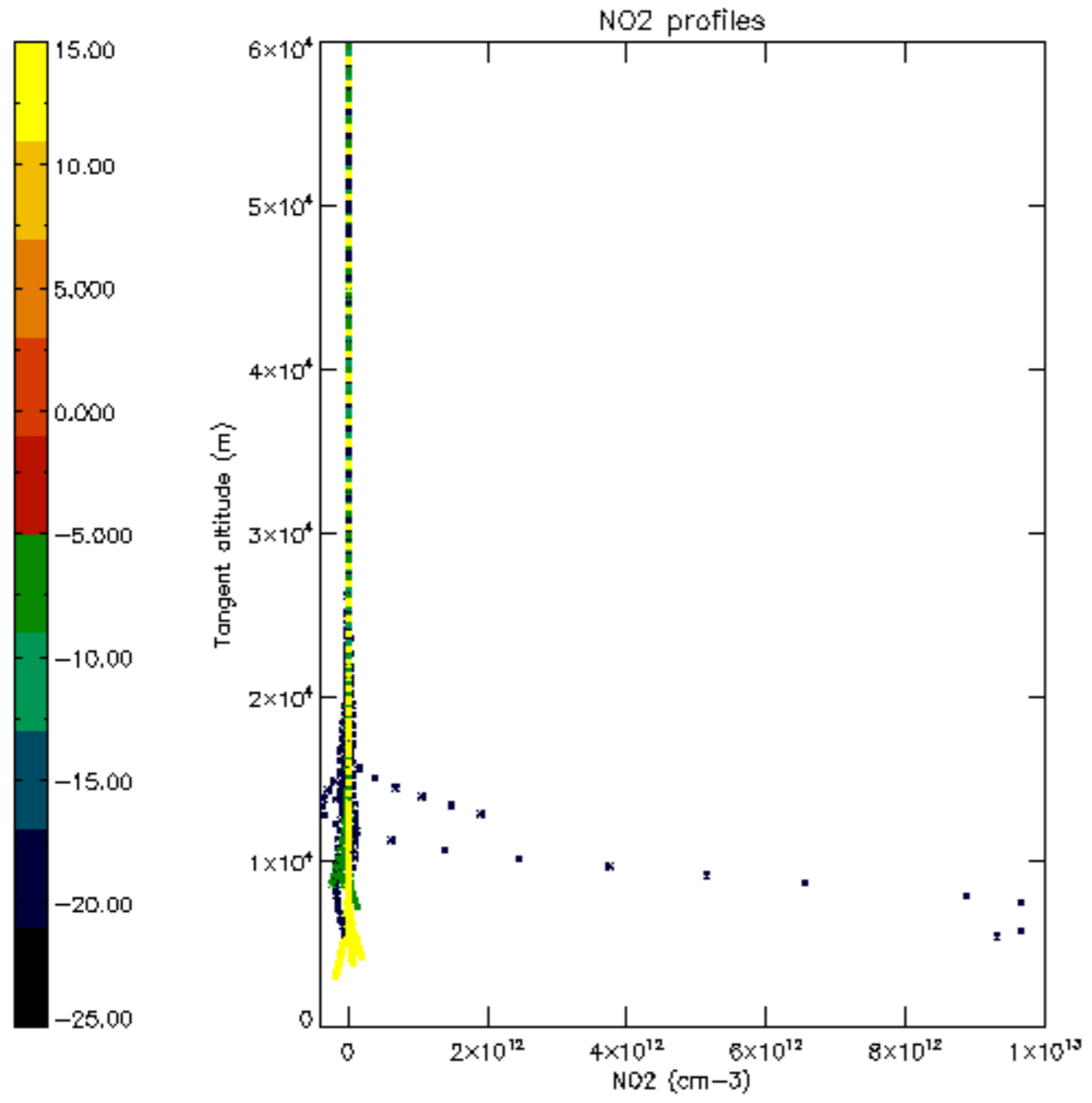


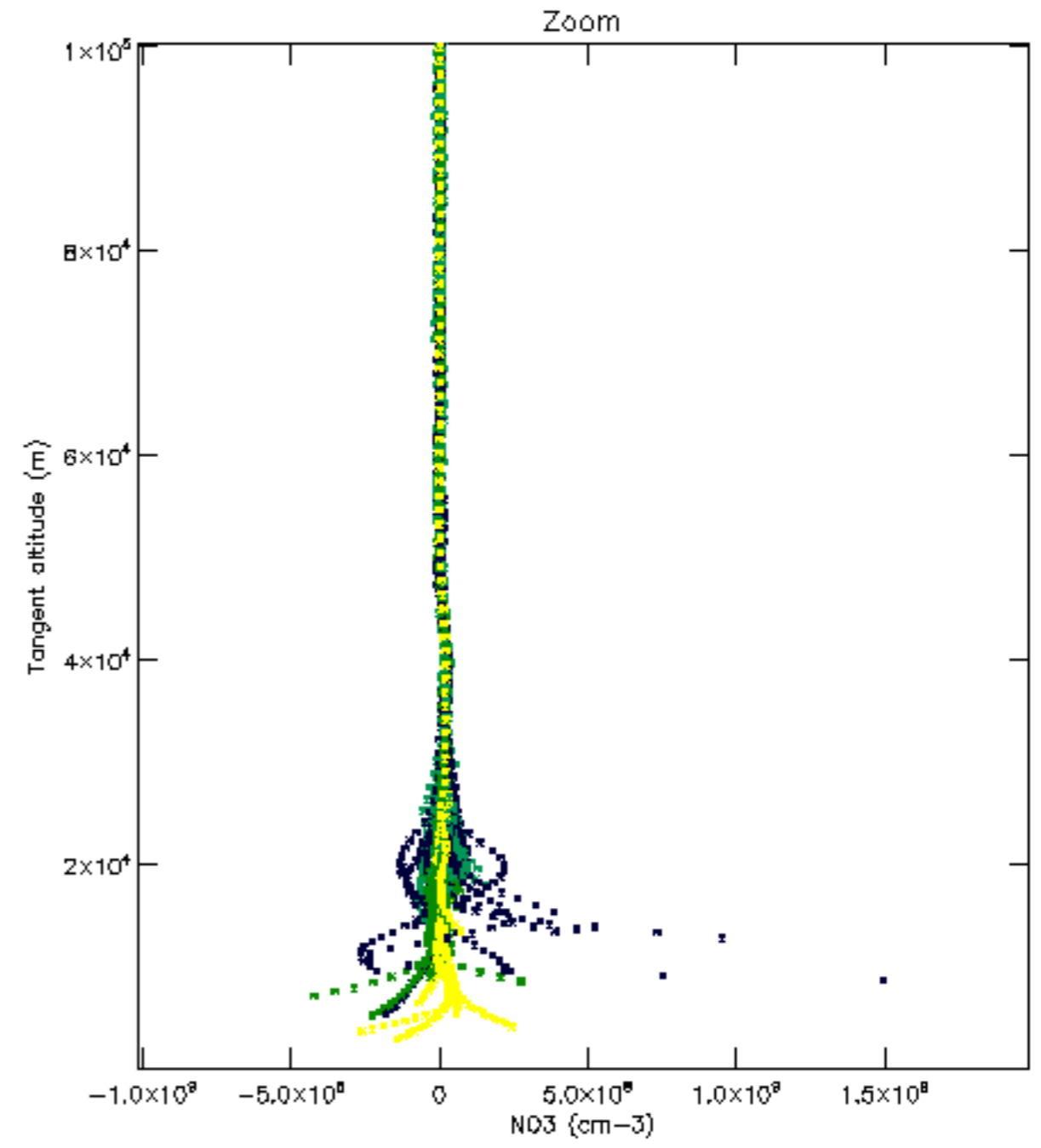
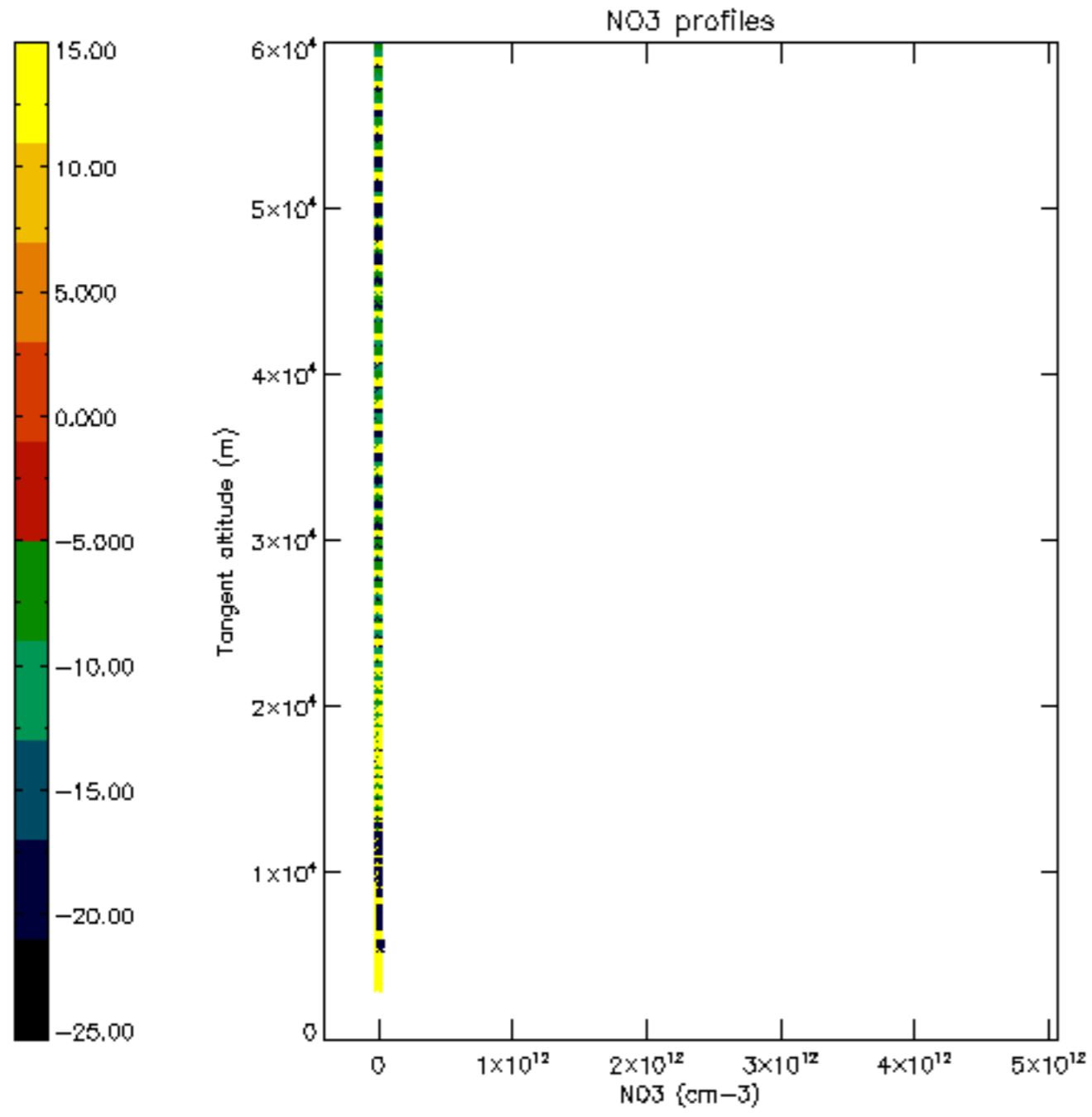


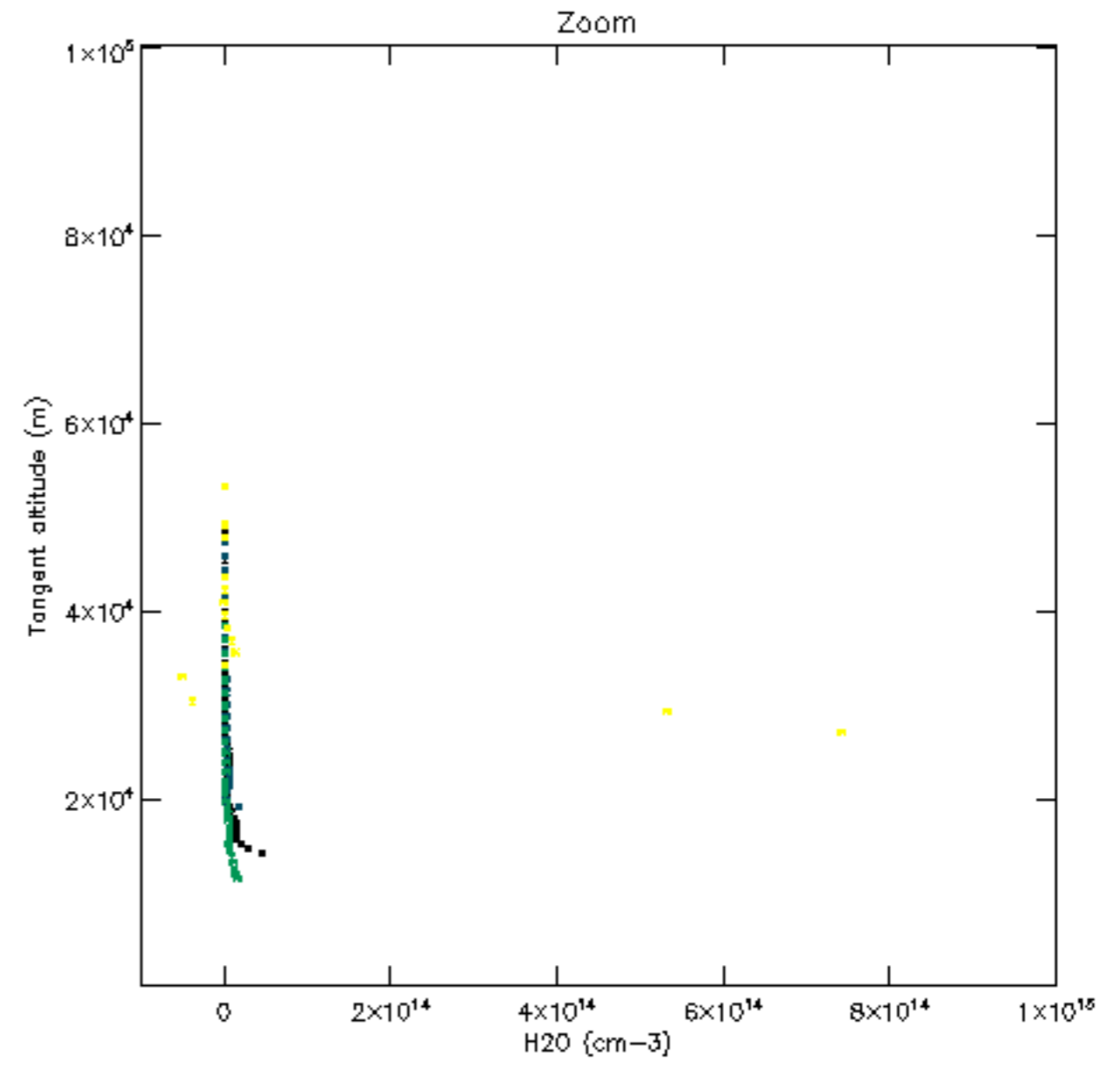
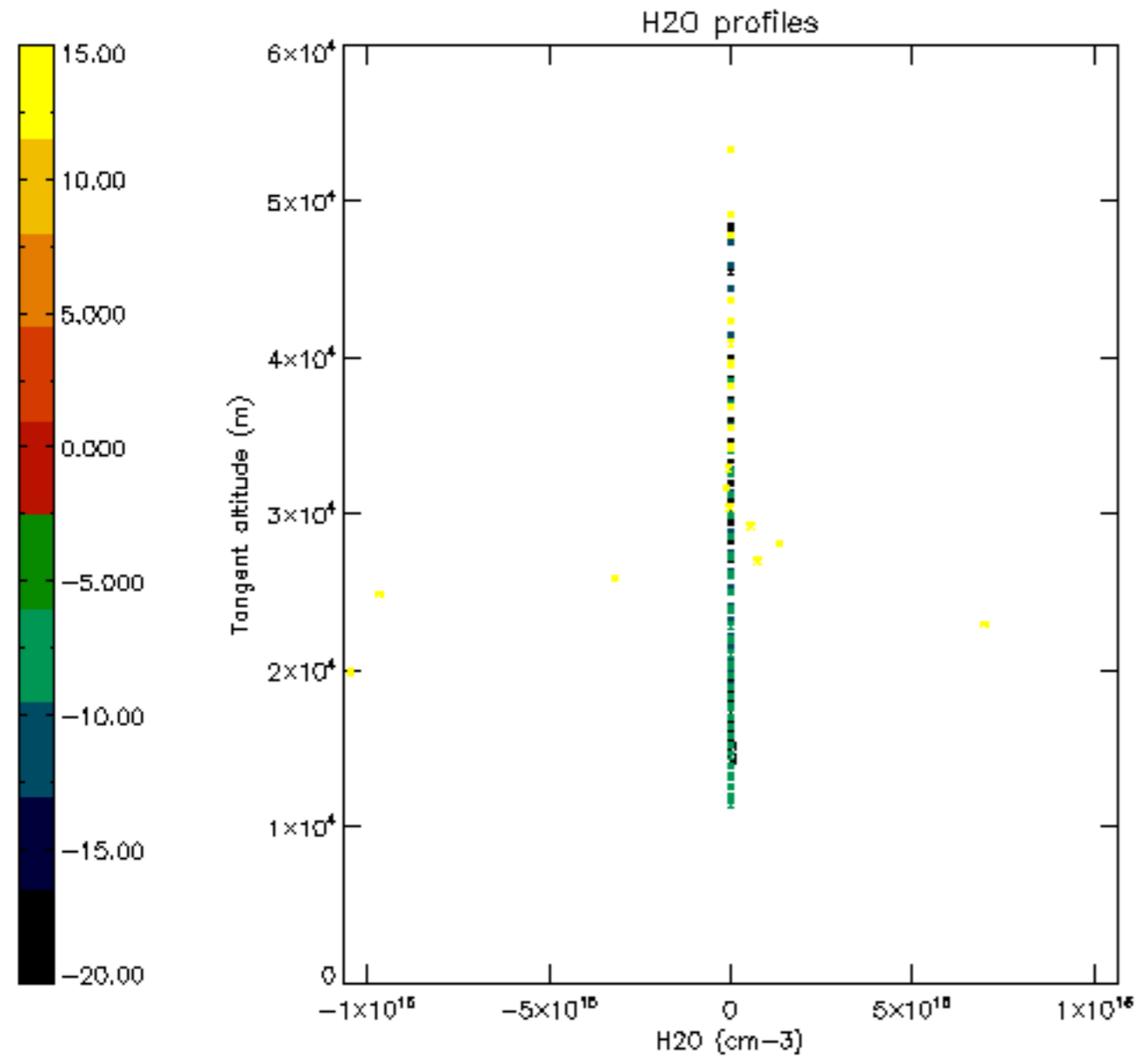


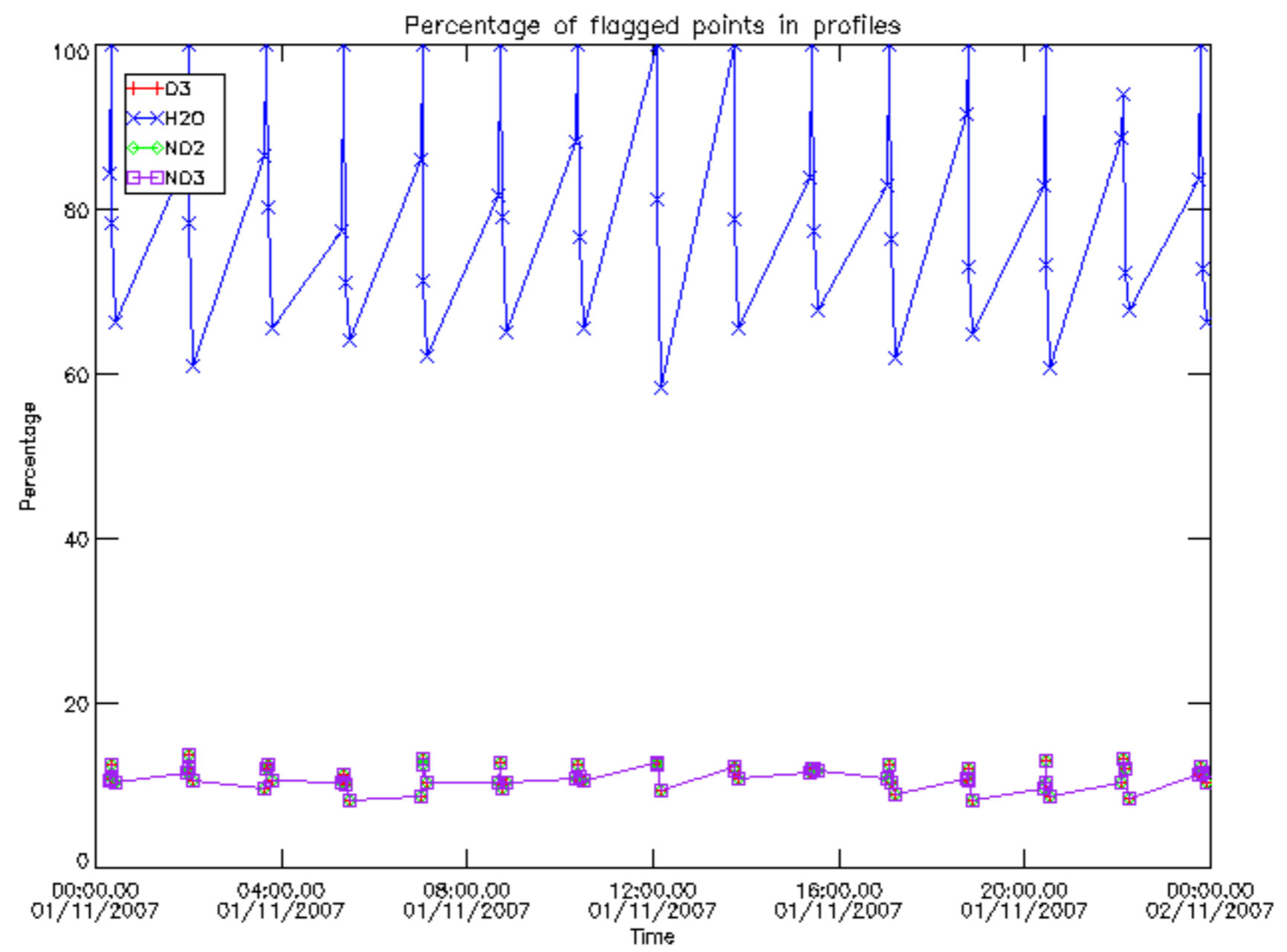




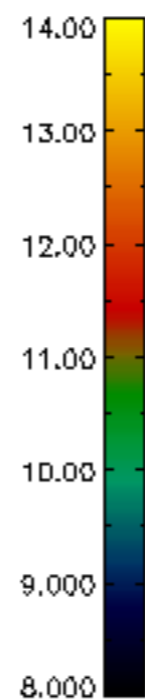
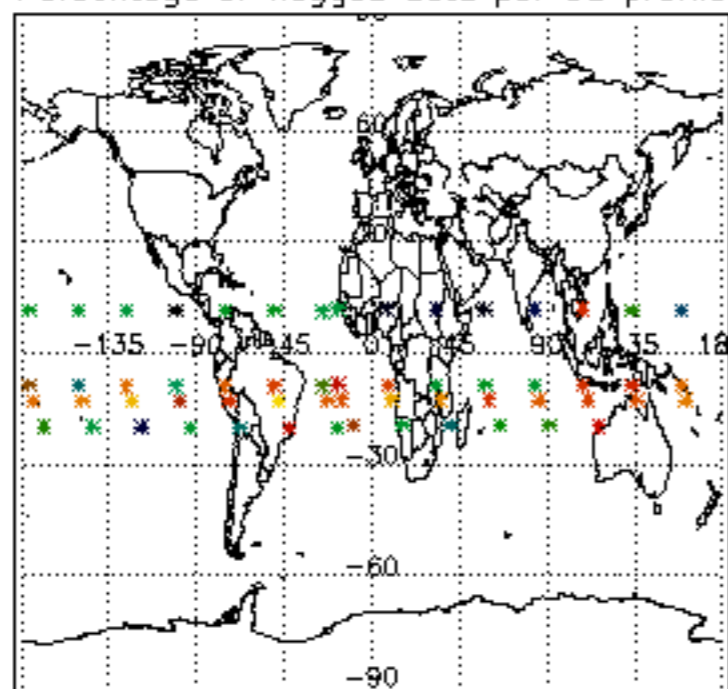




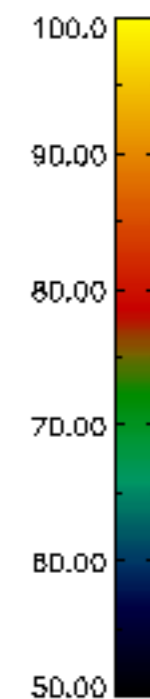
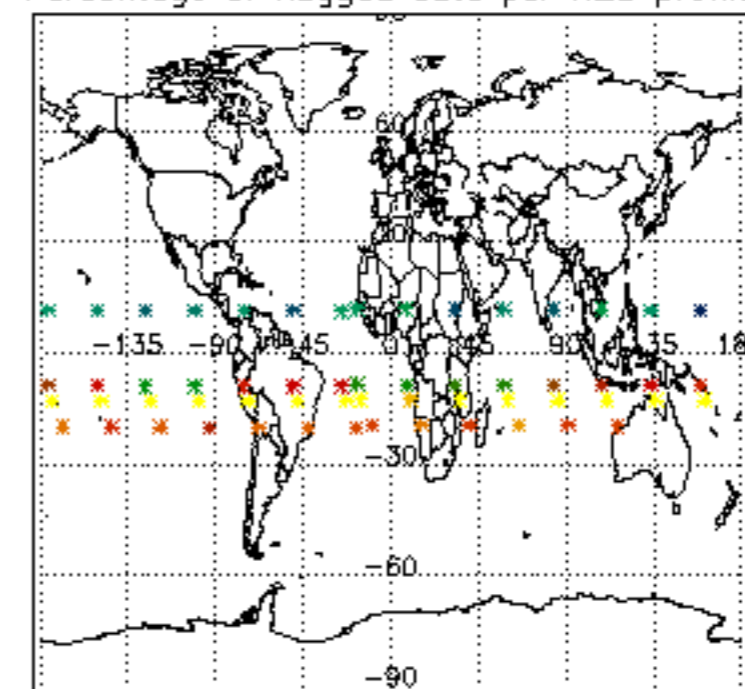




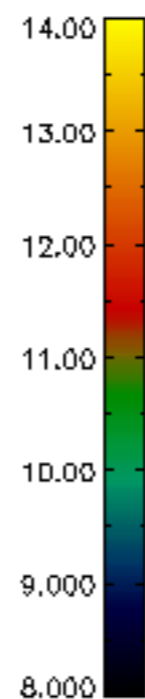
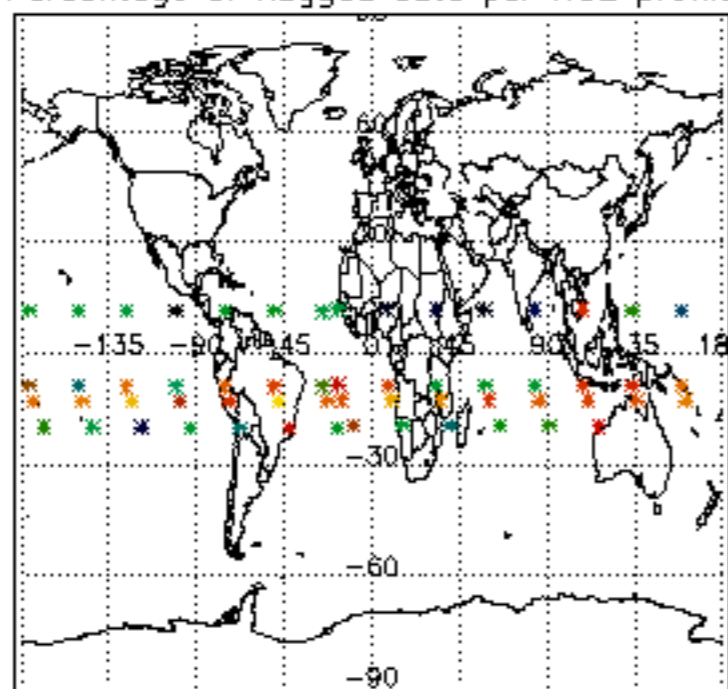
Percentage of flagged data per D3 profile



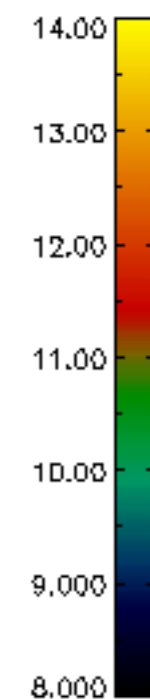
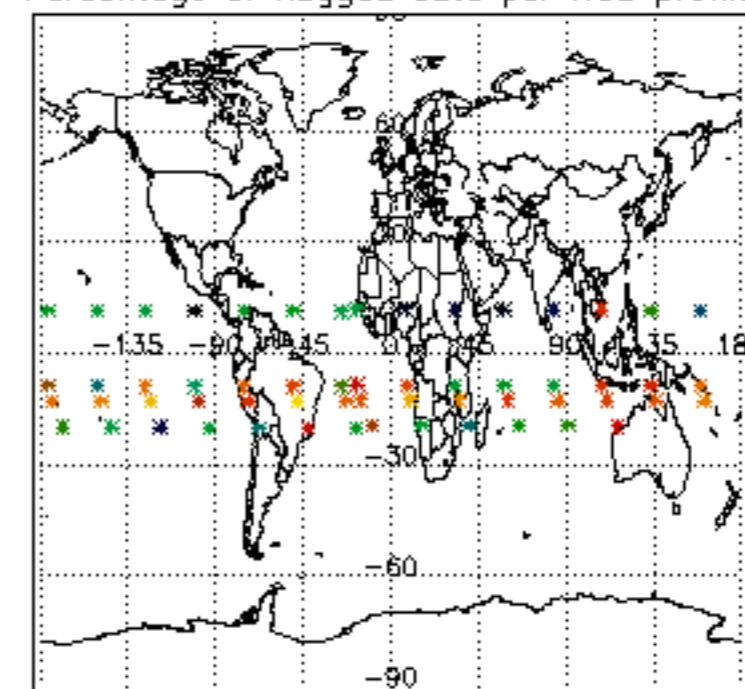
Percentage of flagged data per H2O profile

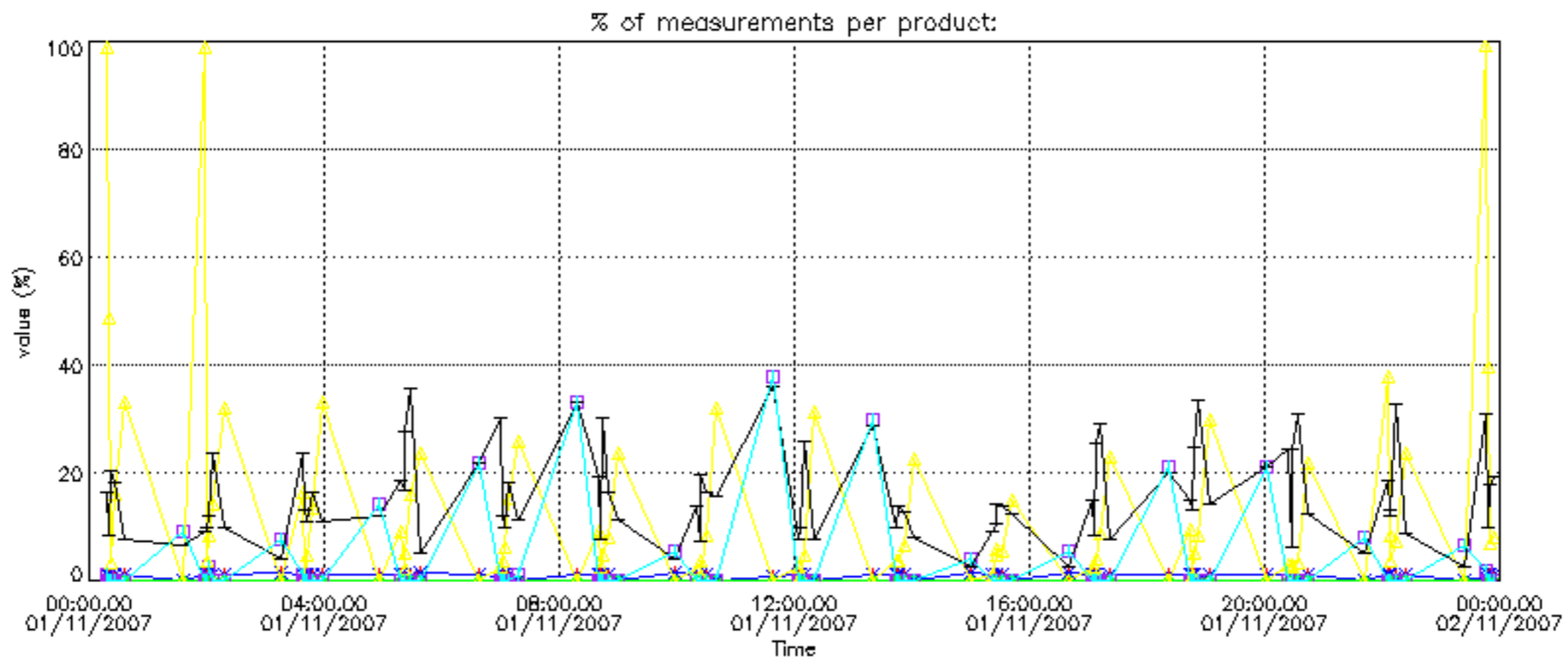


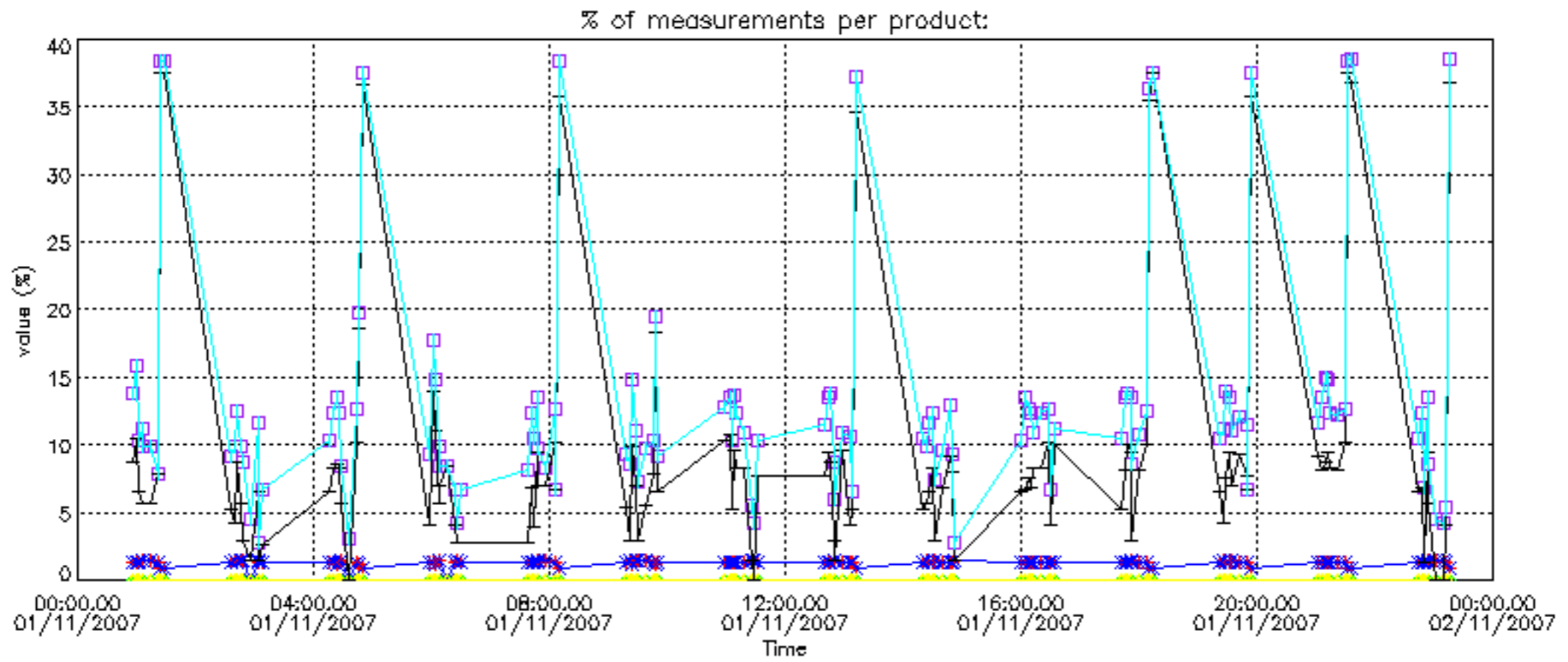
Percentage of flagged data per NO2 profile



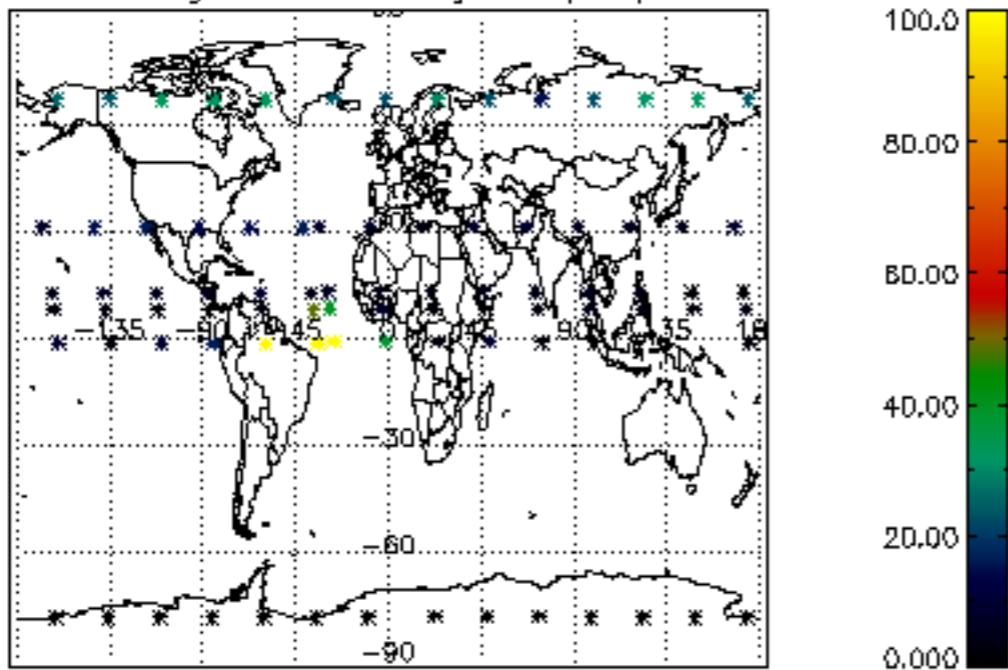
Percentage of flagged data per NO3 profile



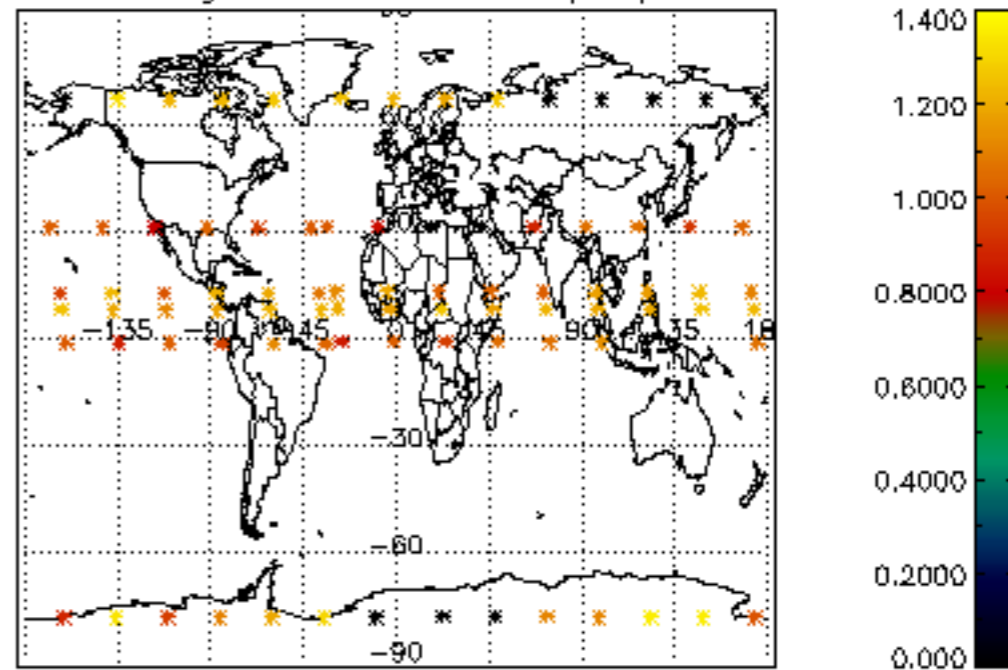




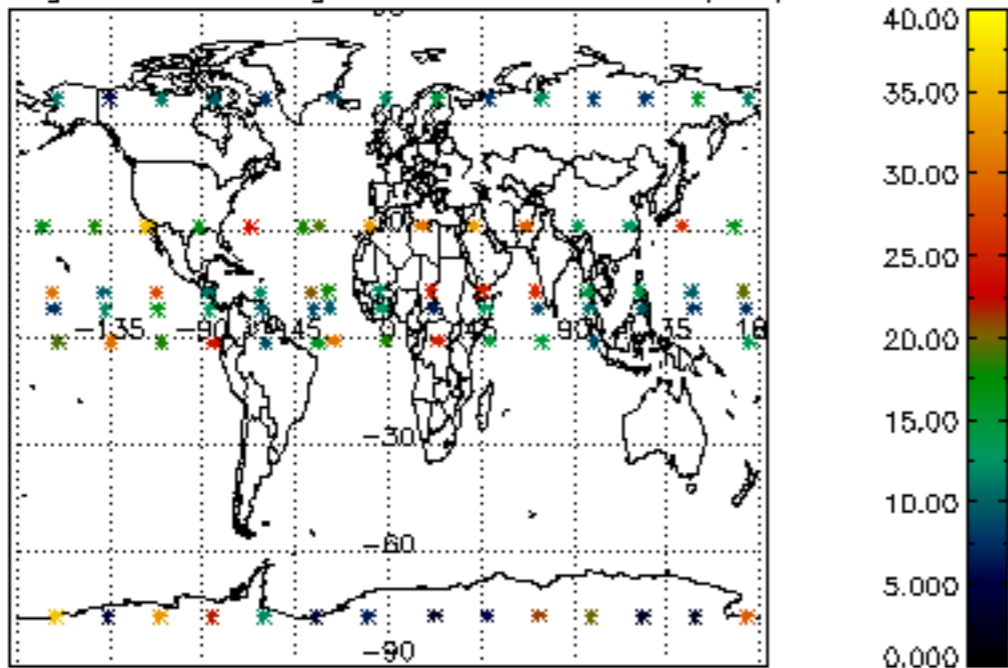
Percentage of cosmic ray hits per profile



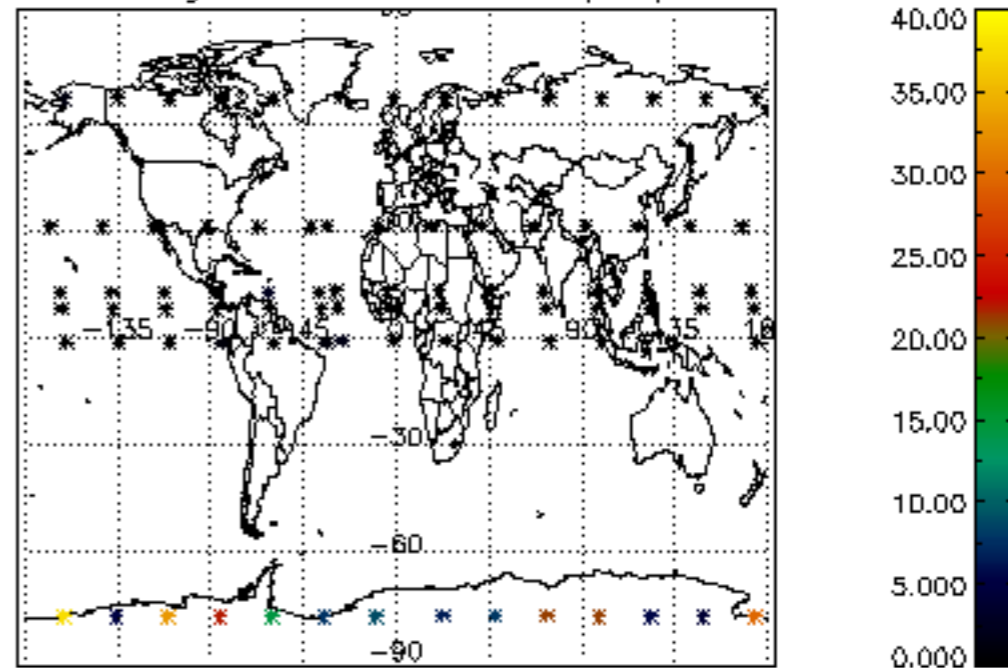
Percentage of datation errors per profile



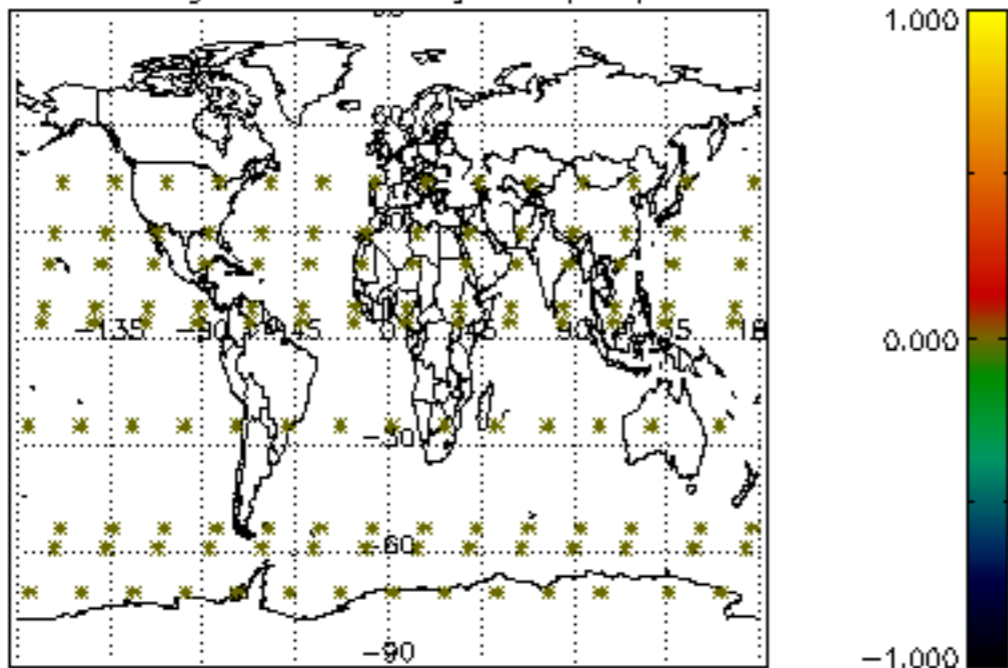
Percentage of star falling outside central band per profile



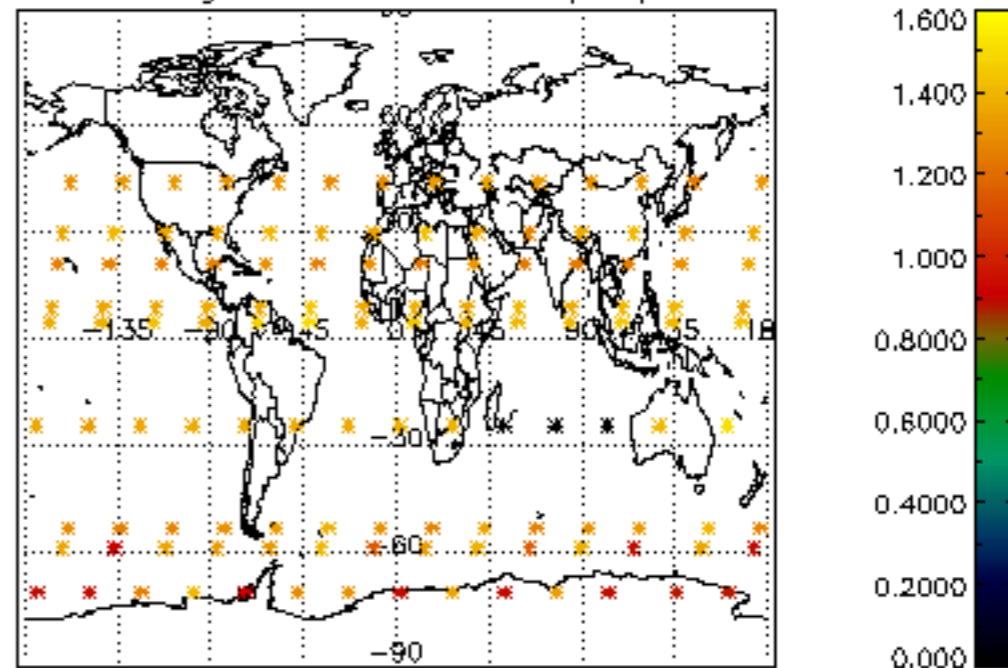
Percentage of saturation errors per profile



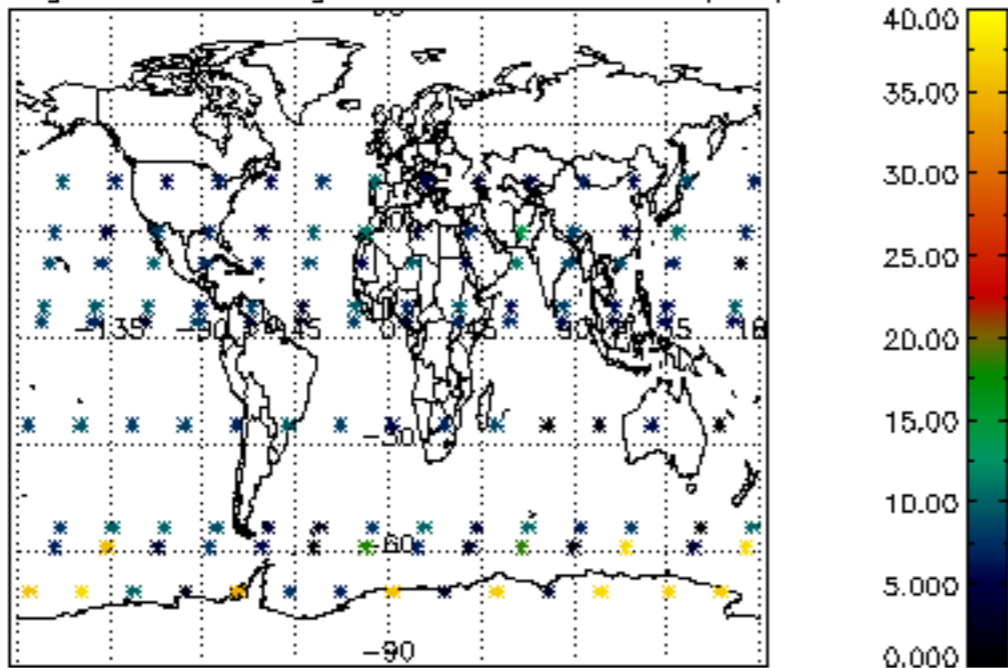
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

