

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	17APR2013 21:00:23
Data source version	GOMOS/6.01
Start time of products	07-12-2002 (07DEC2002 00:00:00)
Stop time of products	08-12-2002 (08DEC2002 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	115
Nb of prods with errors	3

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__2PRFIN20021207_061722_000000402011_00464_04025_9756.N1	07-DEC-2002 06:17:22	Dark	39.500	129	Del Cru	2.7930	26000.	79	4025	No
2	GOM_NL__2PRFIN20021207_061922_000000482011_00464_04025_9757.N1	07-DEC-2002 06:19:22	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	4025	No
3	GOM_NL__2PRFIN20021207_062333_000000392011_00464_04025_9758.N1	07-DEC-2002 06:23:33	Dark	38.500	29	Bet Car	1.6720	10200.	77	4025	No
4	GOM_NL__2PRFIN20021207_062544_000000482011_00464_04025_9759.N1	07-DEC-2002 06:25:44	Dark	47.500	41	Eps Car	1.8600	4100.0	95	4025	No
5	GOM_NL__2PRFIN20021207_062803_000000512011_00464_04025_9760.N1	07-DEC-2002 06:28:03	Dark	50.500	34	Gam2Vel	1.7930	23000.	101	4025	No
6	GOM_NL__2PRFIN20021207_063055_000000532011_00464_04025_9761.N1	07-DEC-2002 06:30:55	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	4025	No
7	GOM_NL__2PRFIN20021207_063311_000000582011_00464_04025_9762.N1	07-DEC-2002 06:33:11	Dark	58.000	117	Pi Pup	2.7060	3800.0	116	4025	No
8	GOM_NL__2PRFIN20021207_063647_000000692011_00464_04025_9763.N1	07-DEC-2002 06:36:47	Dark	68.500	23	21Eps CMa	1.5020	26000.	137	4025	No
9	GOM_NL__2PRFIN20021207_063847_000000692011_00464_04025_9764.N1	07-DEC-2002 06:38:47	Straylight	68.500	179	24Omi2CMa	3.0320	24000.	137	4025	No
10	GOM_NL__2PRFIN20021207_064226_000000812011_00464_04025_9765.N1	07-DEC-2002 06:42:26	Straylight	80.500	1	9Alp CMa	-1.4400	11000.	161	4025	No
11	GOM_NL__2PRFIN20021207_064554_000000582011_00464_04025_9766.N1	07-DEC-2002 06:45:54	Straylight	57.500	7	19Bet Ori	0.10000	14000.	115	4025	No
12	GOM_NL__2PRFIN20021207_064820_000000552011_00464_04025_9767.N1	07-DEC-2002 06:48:20	Straylight	54.500	33	50Zet Ori	1.7660	30000.	109	4025	No
13	GOM_NL__2PRFIN20021207_065105_000000482011_00464_04025_9768.N1	07-DEC-2002 06:51:05	Twilight	47.500	27	24Gam Ori	1.6360	26000.	95	4025	No
14	GOM_NL__2PRFIN20021207_065334_000000522011_00464_04025_9769.N1	07-DEC-2002 06:53:34	Bright	51.500	13	87Alp Tau	0.86700	3800.0	103	4025	No
15	GOM_NL__2PRFIN20021207_065525_000000372011_00464_04025_9770.N1	07-DEC-2002 06:55:25	Bright	36.500	146	25Eta Tau	2.8730	15200.	73	4025	No
16	GOM_NL__2PRFIN20021207_065741_000000412011_00464_04025_9771.N1	07-DEC-2002 06:57:41	Bright	41.000	150	44Zet Per	2.8900	28000.	82	4025	No
17	GOM_NL__2PRFIN20021207_065907_000000362011_00464_04025_9772.N1	07-DEC-2002 06:59:07	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	4025	No
18	GOM_NL__2PRFIN20021207_070110_000000372011_00464_04025_9773.N1	07-DEC-2002 07:01:10	Bright	37.000	73	57Gam1And	2.2600	13100.	74	4025	No
19	GOM_NL__2PRFIN20021207_070241_000000372011_00464_04025_9774.N1	07-DEC-2002 07:02:41	Bright	37.000	35	33Alp Per	1.7950	6250.0	74	4025	No
20	GOM_NL__2PRFIN20021207_070448_000000482011_00464_04025_9775.N1	07-DEC-2002 07:04:48	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	4025	No
21	GOM_NL__2PRFIN20021207_070703_000000372011_00464_04025_9776.N1	07-DEC-2002 07:07:03	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	4025	No
22	GOM_NL__2PRFIN20021207_071347_000000372011_00464_04025_9777.N1	07-DEC-2002 07:13:47	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	4025	No
23	GOM_NL__2PRFIN20021207_071830_000000392011_00464_04025_9778.N1	07-DEC-2002 07:18:30	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	4025	No
24	GOM_NL__2PRFIN20021207_071954_000000482011_00464_04025_9779.N1	07-DEC-2002 07:19:54	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	4025	No
25	GOM_NL__2PRFIN20021207_072127_000000482011_00464_04025_9780.N1	07-DEC-2002 07:21:27	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	4025	No
26	GOM_NL__2PRFIN20021207_072330_000000432011_00464_04025_9781.N1	07-DEC-2002 07:23:30	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	4025	No
27	GOM_NL__2PRFIN20021207_072546_000000402011_00464_04025_9782.N1	07-DEC-2002 07:25:46	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	4025	No
28	GOM_NL__2PRFIN20021207_072850_000000352011_00464_04025_9783.N1	07-DEC-2002 07:28:50	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	4025	No
29	GOM_NL__2PRFIN20021207_073154_000000372011_00464_04025_9784.N1	07-DEC-2002 07:31:54	Bright	36.500	83		2.3780	11000.	73	4025	No
30	GOM_NL__2PRFIN20021207_073500_000000552011_00464_04025_9785.N1	07-DEC-2002 07:35:00	Bright	55.000	111	8Eta Boo	2.6800	6000.0	110	4025	No
31	GOM_NL__2PRFIN20021207_073917_000001012011_00464_04025_9786.N1	07-DEC-2002 07:39:17	Twilight	100.50	96	68Del Leo	2.5600	9300.0	201	4025	No
32	GOM_NL__2PRFIN20021207_074303_000000012011_00464_04025_9787.N1	07-DEC-2002 07:43:03	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4025	Yes
33	GOM_NL__2PRFIN20021207_074740_000000502011_00464_04025_9788.N1	07-DEC-2002 07:47:40	Twilight	49.500	169	46Gam Hya	2.9910	4700.0	99	4025	No
34	GOM_NL__2PRFIN20021207_074903_000000512011_00464_04025_9789.N1	07-DEC-2002 07:49:03	Dark	51.000	100	4Gam Crv	2.5800	13100.	102	4025	No
35	GOM_NL__2PRFIN20021207_075105_000000432011_00464_04025_9790.N1	07-DEC-2002 07:51:05	Dark	43.000	123	1ot Cen	2.7500	10200.	86	4025	No
36	GOM_NL__2PRFIN20021207_075300_000000392011_00464_04025_9791.N1	07-DEC-2002 07:53:00	Dark	39.000	95	Zet Cen	2.5450	26000.	78	4025	No
37	GOM_NL__2PRFIN20021207_075451_000000412011_00464_04025_9792.N1	07-DEC-2002 07:54:51	Dark	40.500	77	Eps Cen	2.3030	28000.	81	4025	No
38	GOM_NL__2PRFIN20021207_075612_000000432011_00464_04025_9793.N1	07-DEC-2002 07:56:12	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	4025	No
39	GOM_NL__2PRFIN20021207_075758_000000392011_00465_04026_9754.N1	07-DEC-2002 07:57:58	Dark	39.000	129	Del Cru	2.7930	26000.	78	4026	No
40	GOM_NL__2PRFIN20021207_075959_000000472011_00465_04026_9755.N1	07-DEC-2002 07:59:59	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	4026	No
41	GOM_NL__2PRFIN20021207_080409_000000412011_00465_04026_9756.N1	07-DEC-2002 08:04:09	Dark	41.000	29	Bet Car	1.6720	10200.	82	4026	No
42	GOM_NL__2PRFIN20021207_080620_000000502011_00465_04026_9757.N1	07-DEC-2002 08:06:20	Dark	49.500	41	Eps Car	1.8600	4100.0	99	4026	No

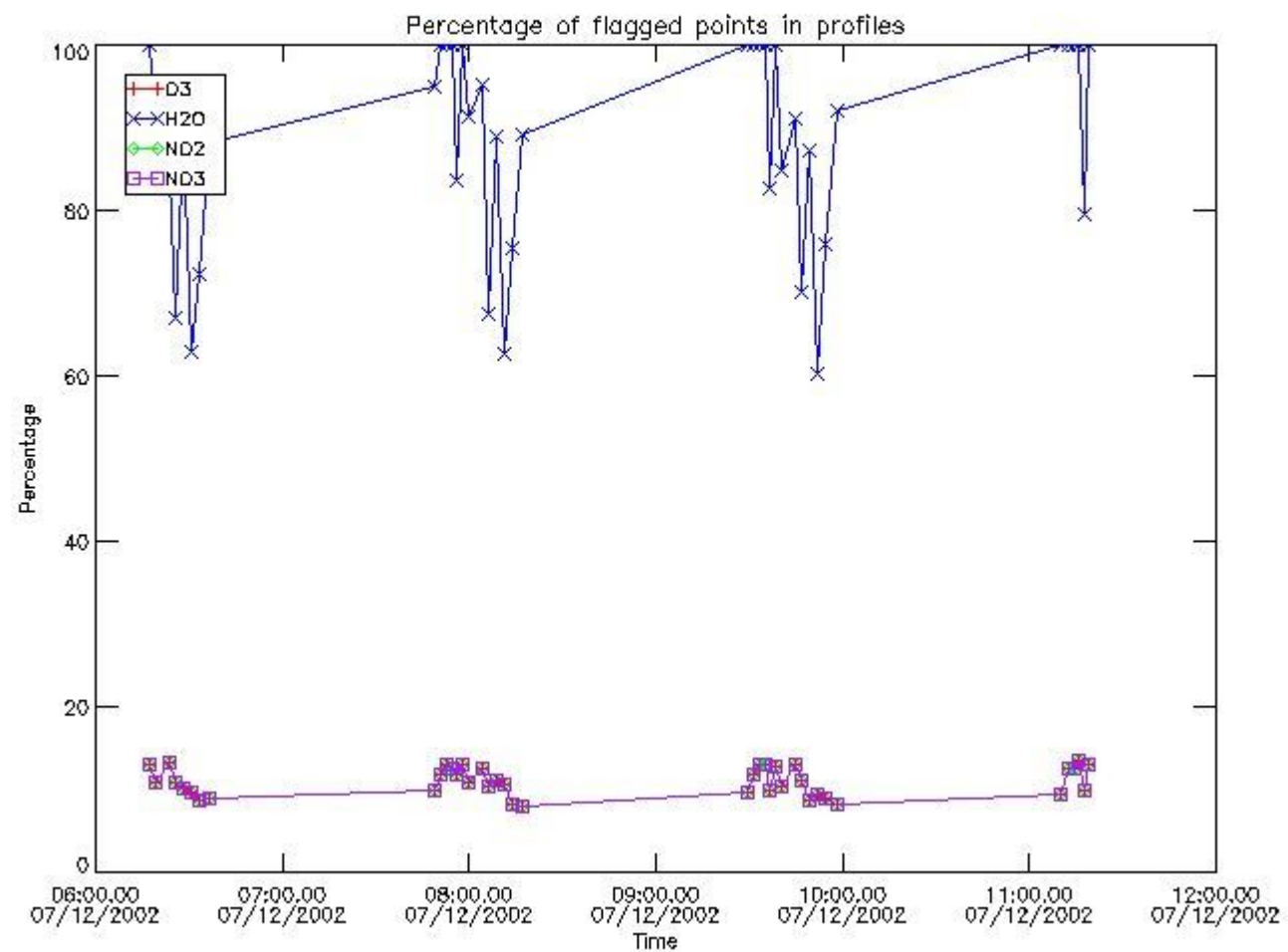
43	GOM_NL__2PRFIN20021207_080840_000000502011_00465_04026_9758.N1	07-DEC-2002 08:08:40	Dark	50.000	34	Gam2Vel	1.7930	23000.	100	4026	No
44	GOM_NL__2PRFIN20021207_081131_000000492011_00465_04026_9759.N1	07-DEC-2002 08:11:31	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	4026	No
45	GOM_NL__2PRFIN20021207_081348_000000622011_00465_04026_9760.N1	07-DEC-2002 08:13:48	Dark	61.500	117	Pi Pup	2.7060	3800.0	123	4026	No
46	GOM_NL__2PRFIN20021207_081723_000000652011_00465_04026_9761.N1	07-DEC-2002 08:17:23	Dark	65.000	23	21Eps CMa	1.5020	26000.	130	4026	No
47	GOM_NL__2PRFIN20021207_081924_000000672011_00465_04026_9762.N1	07-DEC-2002 08:19:24	Straylight	66.500	179	24Omi2CMa	3.0320	24000.	133	4026	No
48	GOM_NL__2PRFIN20021207_082302_000000822011_00465_04026_9763.N1	07-DEC-2002 08:23:02	Straylight	82.000	1	9Alp CMa	-1.4400	11000.	164	4026	No
49	GOM_NL__2PRFIN20021207_082630_000000612011_00465_04026_9764.N1	07-DEC-2002 08:26:30	Straylight	60.500	7	19Bet Ori	0.10000	14000.	121	4026	No
50	GOM_NL__2PRFIN20021207_082855_000000552011_00465_04026_9765.N1	07-DEC-2002 08:28:55	Straylight	55.000	33	50Zet Ori	1.7660	30000.	110	4026	No
51	GOM_NL__2PRFIN20021207_083140_000000582011_00465_04026_9766.N1	07-DEC-2002 08:31:40	Tw_i_and_stray	57.500	27	24Gam Ori	1.6360	26000.	115	4026	No
52	GOM_NL__2PRFIN20021207_083410_000000582011_00465_04026_9767.N1	07-DEC-2002 08:34:10	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	4026	No
53	GOM_NL__2PRFIN20021207_083601_000000492011_00465_04026_9768.N1	07-DEC-2002 08:36:01	Bright	49.000	146	25Eta Tau	2.8730	15200.	98	4026	No
54	GOM_NL__2PRFIN20021207_083817_000000392011_00465_04026_9769.N1	07-DEC-2002 08:38:17	Bright	39.000	150	44Zet Per	2.8900	28000.	78	4026	No
55	GOM_NL__2PRFIN20021207_083944_000000372011_00465_04026_9770.N1	07-DEC-2002 08:39:44	Bright	37.000	173	4Bet Tri	3.0040	8900.0	74	4026	No
56	GOM_NL__2PRFIN20021207_084146_000000372011_00465_04026_9771.N1	07-DEC-2002 08:41:46	Bright	36.500	73	57Gam1And	2.2600	13100.	73	4026	No
57	GOM_NL__2PRFIN20021207_084317_000000372011_00465_04026_9772.N1	07-DEC-2002 08:43:17	Bright	37.000	35	33Alp Per	1.7950	6250.0	74	4026	No
58	GOM_NL__2PRFIN20021207_084523_000000502011_00465_04026_9773.N1	07-DEC-2002 08:45:23	Bright	49.500	42	34Bet Aur	1.9000	10200.	99	4026	No
59	GOM_NL__2PRFIN20021207_084739_000000382011_00465_04026_9774.N1	07-DEC-2002 08:47:39	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	4026	No
60	GOM_NL__2PRFIN20021207_085423_000000382011_00465_04026_9775.N1	07-DEC-2002 08:54:23	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	4026	No
61	GOM_NL__2PRFIN20021207_085906_000000392011_00465_04026_9776.N1	07-DEC-2002 08:59:06	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	4026	No
62	GOM_NL__2PRFIN20021207_090029_000000462011_00465_04026_9777.N1	07-DEC-2002 09:00:29	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	4026	No
63	GOM_NL__2PRFIN20021207_090203_000000502011_00465_04026_9778.N1	07-DEC-2002 09:02:03	Bright	49.500	82	48Bet UMa	2.3650	10600.	99	4026	No
64	GOM_NL__2PRFIN20021207_090407_000000422011_00465_04026_9779.N1	07-DEC-2002 09:04:07	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	4026	No
65	GOM_NL__2PRFIN20021207_090622_000000402011_00465_04026_9780.N1	07-DEC-2002 09:06:22	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	4026	No
66	GOM_NL__2PRFIN20021207_090926_000000342011_00465_04026_9781.N1	07-DEC-2002 09:09:26	Bright	34.000	180	27Gam Boo	3.0400	8000.0	68	4026	No
67	GOM_NL__2PRFIN20021207_091230_000000362011_00465_04026_9782.N1	07-DEC-2002 09:12:30	Bright	36.000	83		2.3780	11000.	72	4026	No
68	GOM_NL__2PRFIN20021207_091536_000000552011_00465_04026_9783.N1	07-DEC-2002 09:15:36	Bright	55.000	111	8Eta Boo	2.6800	6000.0	110	4026	No
69	GOM_NL__2PRFIN20021207_091954_000000962011_00465_04026_9784.N1	07-DEC-2002 09:19:54	Tw_i_and_stray	95.500	96	68Del Leo	2.5600	9300.0	191	4026	No
70	GOM_NL__2PRFIN20021207_092339_00000012011_00465_04026_9785.N1	07-DEC-2002 09:23:39	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4026	Yes
71	GOM_NL__2PRFIN20021207_092816_000000452011_00465_04026_9786.N1	07-DEC-2002 09:28:16	Tw_i_and_stray	45.000	169	46Gam Hya	2.9910	4700.0	90	4026	No
72	GOM_NL__2PRFIN20021207_092940_000000532011_00465_04026_9787.N1	07-DEC-2002 09:29:40	Dark	53.000	100	4Gam Crv	2.5800	13100.	106	4026	No
73	GOM_NL__2PRFIN20021207_093141_000000432011_00465_04026_9788.N1	07-DEC-2002 09:31:41	Dark	43.000	123	1ot Cen	2.7500	10200.	86	4026	No
74	GOM_NL__2PRFIN20021207_093336_000000402011_00465_04026_9789.N1	07-DEC-2002 09:33:36	Dark	39.500	95	Zet Cen	2.5450	26000.	79	4026	No
75	GOM_NL__2PRFIN20021207_093528_000000402011_00465_04026_9790.N1	07-DEC-2002 09:35:28	Dark	39.500	77	Eps Cen	2.3030	28000.	79	4026	No
76	GOM_NL__2PRFIN20021207_093648_000000522011_00465_04026_9791.N1	07-DEC-2002 09:36:48	Dark	52.000	4	Alp1Cen	-0.010000	5800.0	104	4026	No
77	GOM_NL__2PRFIN20021207_093834_000000402011_00466_04027_9752.N1	07-DEC-2002 09:38:34	Dark	40.000	129	Del Cru	2.7930	26000.	80	4027	No
78	GOM_NL__2PRFIN20021207_094036_000000502011_00466_04027_9753.N1	07-DEC-2002 09:40:36	Dark	49.500	113	Mu Vel	2.6920	5000.0	99	4027	No
79	GOM_NL__2PRFIN20021207_094446_000000402011_00466_04027_9754.N1	07-DEC-2002 09:44:46	Dark	39.500	29	Bet Car	1.6720	10200.	79	4027	No
80	GOM_NL__2PRFIN20021207_094656_000000462011_00466_04027_9755.N1	07-DEC-2002 09:46:56	Dark	45.500	41	Eps Car	1.8600	4100.0	91	4027	No
81	GOM_NL__2PRFIN20021207_094917_000000602011_00466_04027_9756.N1	07-DEC-2002 09:49:17	Dark	59.500	34	Gam2Vel	1.7930	23000.	119	4027	No
82	GOM_NL__2PRFIN20021207_095208_000000552011_00466_04027_9757.N1	07-DEC-2002 09:52:08	Dark	54.500	2	Alp Car	-0.73600	7000.0	109	4027	No
83	GOM_NL__2PRFIN20021207_095425_000000572011_00466_04027_9758.N1	07-DEC-2002 09:54:25	Dark	56.500	117	Pi Pup	2.7060	3800.0	113	4027	No
84	GOM_NL__2PRFIN20021207_095800_000000632011_00466_04027_9759.N1	07-DEC-2002 09:58:00	Dark	62.500	23	21Eps CMa	1.5020	26000.	125	4027	No
85	GOM_NL__2PRFIN20021207_100000_000000642011_00466_04027_9760.N1	07-DEC-2002 10:00:00	Straylight	64.000	179	24Omi2CMa	3.0320	24000.	128	4027	No
86	GOM_NL__2PRFIN20021207_100338_000000882011_00466_04027_9761.N1	07-DEC-2002 10:03:38	Straylight	88.000	1	9Alp CMa	-1.4400	11000.	176	4027	No
87	GOM_NL__2PRFIN20021207_100706_000000592011_00466_04027_9762.N1	07-DEC-2002 10:07:06	Straylight	59.000	7	19Bet Ori	0.10000	14000.	118	4027	No
88	GOM_NL__2PRFIN20021207_100931_000000592011_00466_04027_9763.N1	07-DEC-2002 10:09:31	Straylight	58.500	33	50Zet Ori	1.7660	30000.	117	4027	No
89	GOM_NL__2PRFIN20021207_101216_000000522011_00466_04027_9764.N1	07-DEC-2002 10:12:16	Tw_i_and_stray	51.500	27	24Gam Ori	1.6360	26000.	103	4027	No
90	GOM_NL__2PRFIN20021207_101445_000000582011_00466_04027_9765.N1	07-DEC-2002 10:14:45	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	4027	No
91	GOM_NL__2PRFIN20021207_101637_000000362011_00466_04027_9766.N1	07-DEC-2002 10:16:37	Bright	36.000	146	25Eta Tau	2.8730	15200.	72	4027	No
92	GOM_NL__2PRFIN20021207_101854_000000392011_00466_04027_9767.N1	07-DEC-2002 10:18:54	Bright	39.000	150	44Zet Per	2.8900	28000.	78	4027	No
93	GOM_NL__2PRFIN20021207_102020_000000372011_00466_04027_9768.N1	07-DEC-2002 10:20:20	Bright	36.500	173	4Bet Tri	3.0040	8900.0	73	4027	No
94	GOM_NL__2PRFIN20021207_102222_000000392011_00466_04027_9769.N1	07-DEC-2002 10:22:22	Bright	39.000	73	57Gam1And	2.2600	13100.	78	4027	No
95	GOM_NL__2PRFIN20021207_102353_000000392011_00466_04027_9770.N1	07-DEC-2002 10:23:53	Bright	38.500	35	33Alp Per	1.7950	6250.0	77	4027	No
96	GOM_NL__2PRFIN20021207_102558_000000492011_00466_04027_9771.N1	07-DEC-2002 10:25:58	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	4027	No
97	GOM_NL__2PRFIN20021207_102815_000000382011_00466_04027_9772.N1	07-DEC-2002 10:28:15	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	4027	No
98	GOM_NL__2PRFIN20021207_103459_000000362011_00466_04027_9773.N1	07-DEC-2002 10:34:59	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	4027	No
99	GOM_NL__2PRFIN20021207_103942_000000382011_00466_04027_9774.N1	07-DEC-2002 10:39:42	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	4027	No
100	GOM_NL__2PRFIN20021207_104105_000000442011_00466_04027_9775.N1	07-DEC-2002 10:41:05	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	4027	No
101	GOM_NL__2PRFIN20021207_104238_000000492011_00466_04027_9776.N1	07-DEC-2002 10:42:38	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	4027	No

102	GOM_NL__2PRFIN20021207_104442_000000422011_00466_04027_9777.N1	07-DEC-2002 10:44:42	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	4027	No
103	GOM_NL__2PRFIN20021207_104658_000000382011_00466_04027_9778.N1	07-DEC-2002 10:46:58	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	4027	No
104	GOM_NL__2PRFIN20021207_105002_000000362011_00466_04027_9779.N1	07-DEC-2002 10:50:02	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	4027	No
105	GOM_NL__2PRFIN20021207_105307_000000522011_00466_04027_9780.N1	07-DEC-2002 10:53:07	Bright	52.000	83		2.3780	11000.	104	4027	No
106	GOM_NL__2PRFIN20021207_105612_000000382011_00466_04027_9781.N1	07-DEC-2002 10:56:12	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	4027	No
107	GOM_NL__2PRFIN20021207_110032_000001052011_00466_04027_9782.N1	07-DEC-2002 11:00:32	Twilight_stray	104.50	96	68Del Leo	2.5600	9300.0	209	4027	No
108	GOM_NL__2PRFIN20021207_110415_000000012011_00466_04027_9783.N1	07-DEC-2002 11:04:15	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4027	Yes
109	GOM_NL__2PRFIN20021207_110853_000000472011_00466_04027_9784.N1	07-DEC-2002 11:08:53	Twilight_stray	47.000	169	46Gam Hya	2.9910	4700.0	94	4027	No
110	GOM_NL__2PRFIN20021207_111017_000000552011_00466_04027_9785.N1	07-DEC-2002 11:10:17	Dark	54.500	100	4Gam Crv	2.5800	13100.	109	4027	No
111	GOM_NL__2PRFIN20021207_111218_000000412011_00466_04027_9786.N1	07-DEC-2002 11:12:18	Dark	41.000	123	1ot Cen	2.7500	10200.	82	4027	No
112	GOM_NL__2PRFIN20021207_111412_000000412011_00466_04027_9787.N1	07-DEC-2002 11:14:12	Dark	40.500	95	Zet Cen	2.5450	26000.	81	4027	No
113	GOM_NL__2PRFIN20021207_111604_000000382011_00466_04027_9788.N1	07-DEC-2002 11:16:04	Dark	38.000	77	Eps Cen	2.3030	28000.	76	4027	No
114	GOM_NL__2PRFIN20021207_111724_000000522011_00466_04027_9789.N1	07-DEC-2002 11:17:24	Dark	52.000	4	Alp1Cen	-0.010000	5800.0	104	4027	No
115	GOM_NL__2PRFIN20021207_111911_000000392011_00467_04028_9780.N1	07-DEC-2002 11:19:11	Dark	39.000	129	Del Cru	2.7930	26000.	78	4028	No

3. Quality information per product

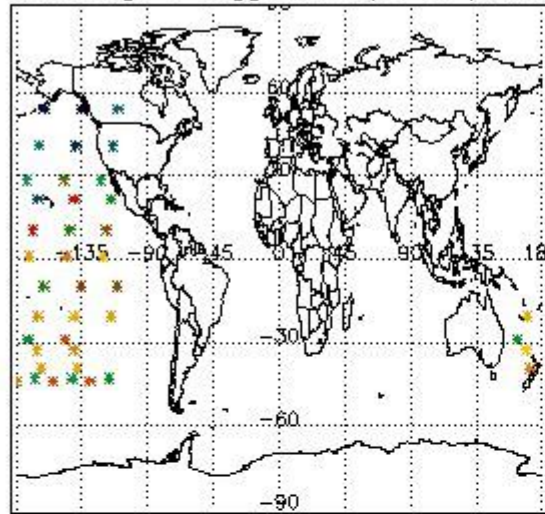
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

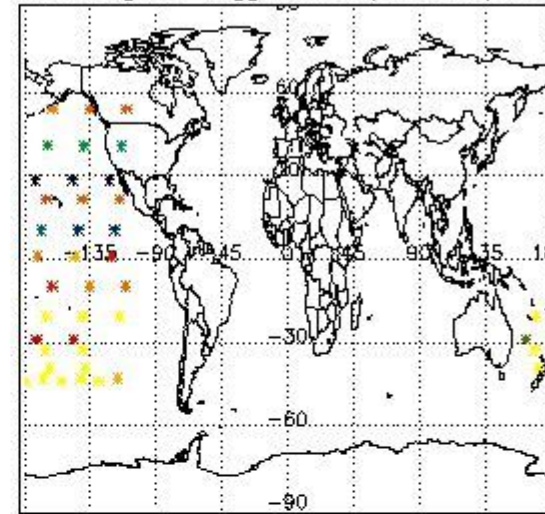


3.2 Plot quality information per product (world map)

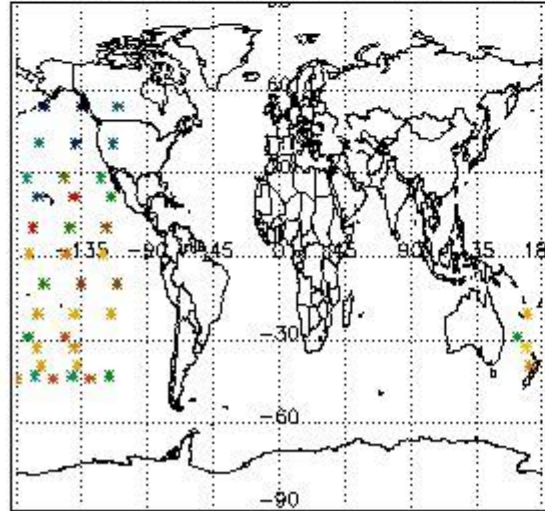
Percentage of flagged data per O3 profile



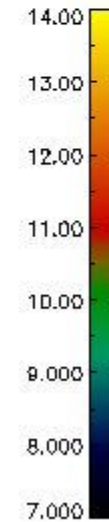
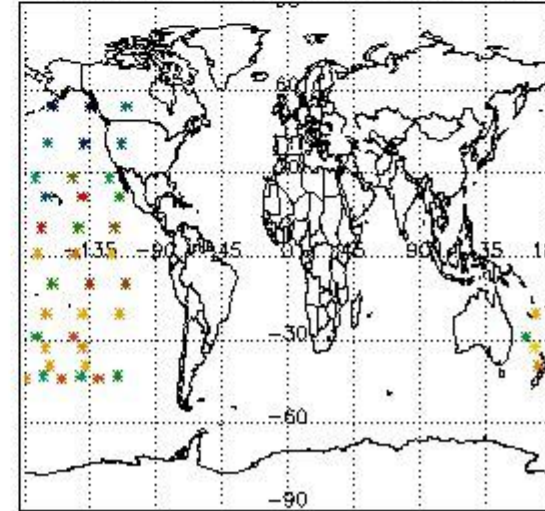
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

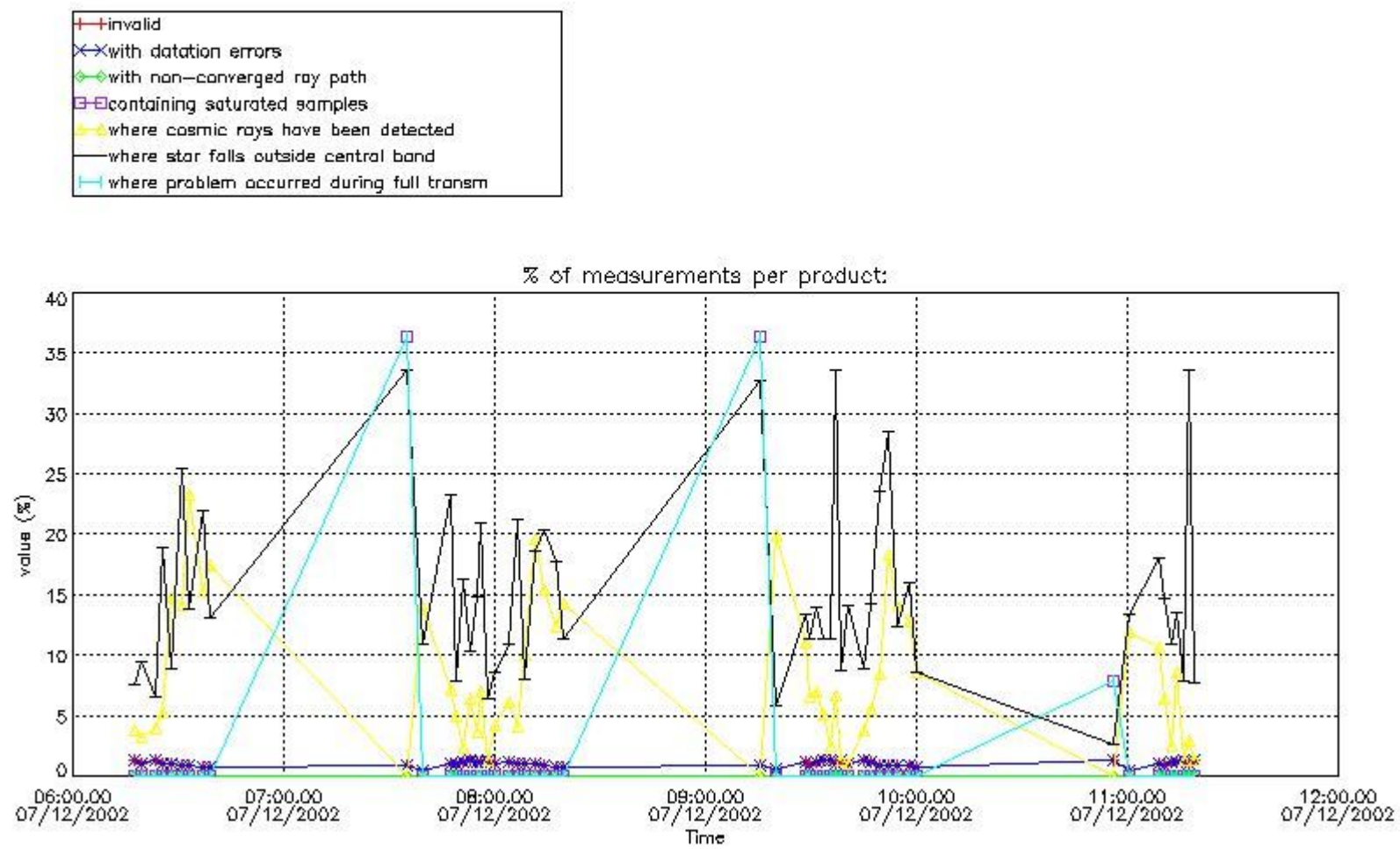


4. Level 1 quality information per product

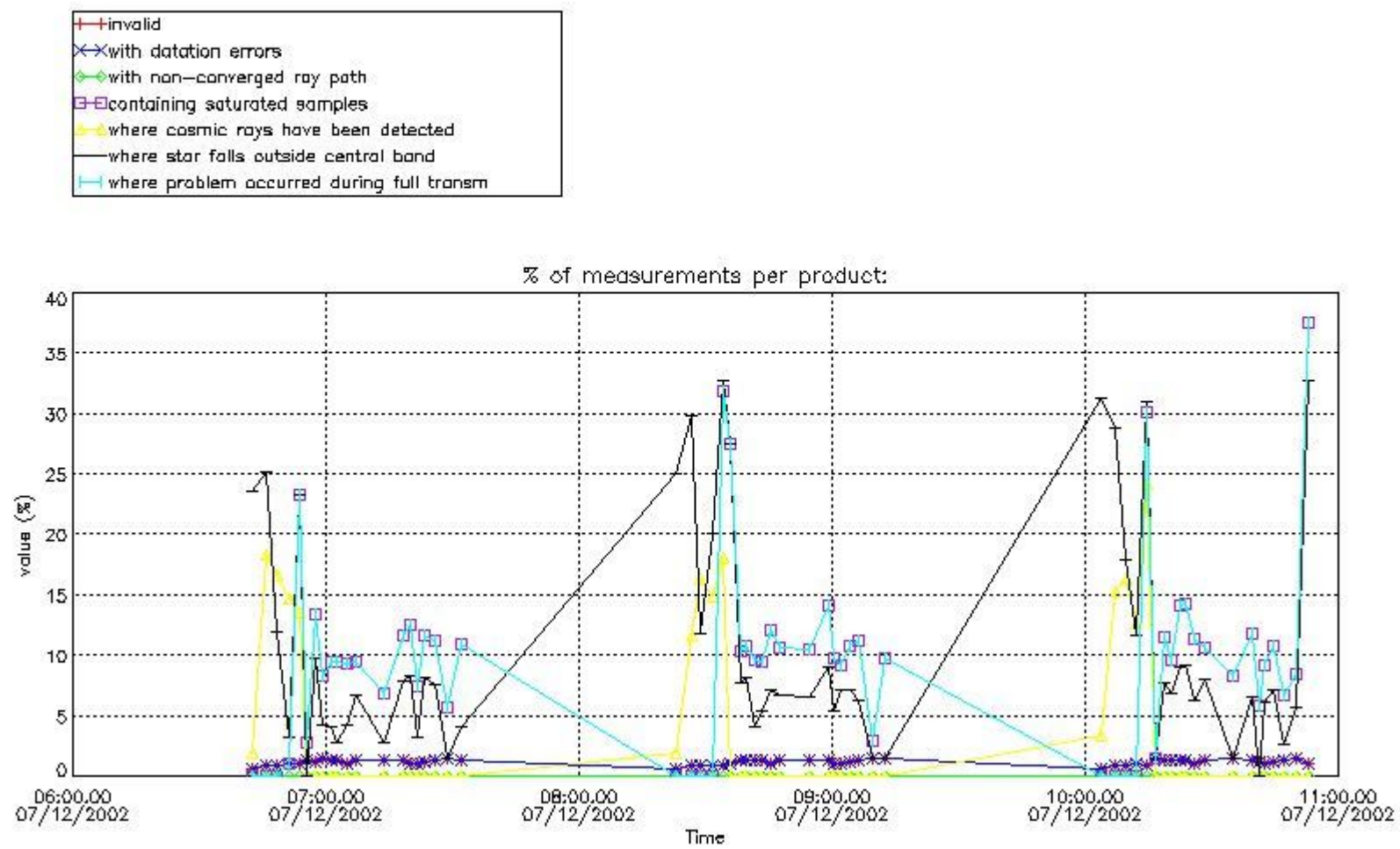
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

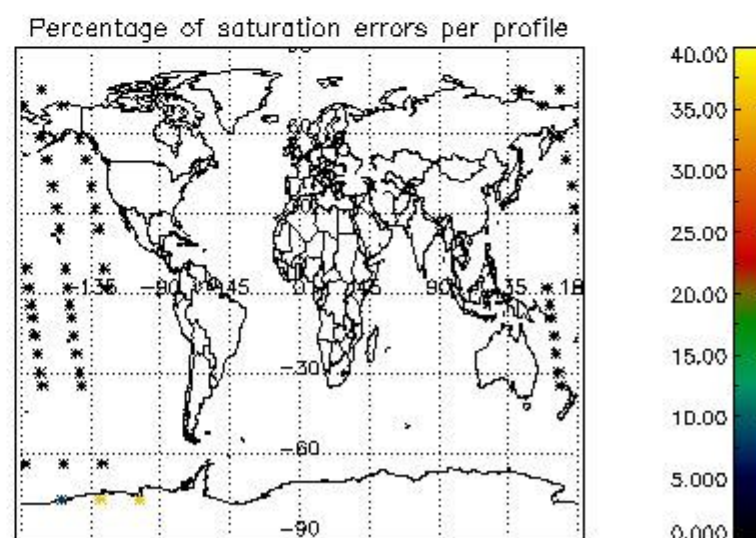
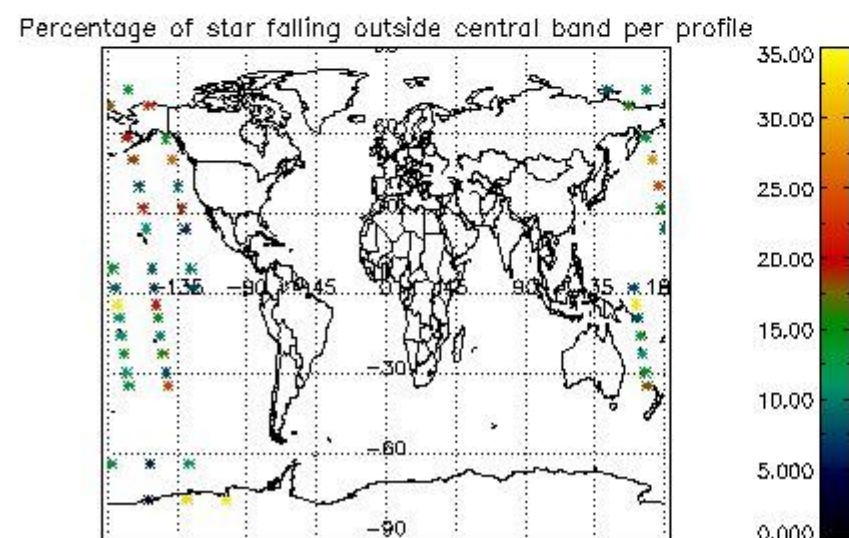
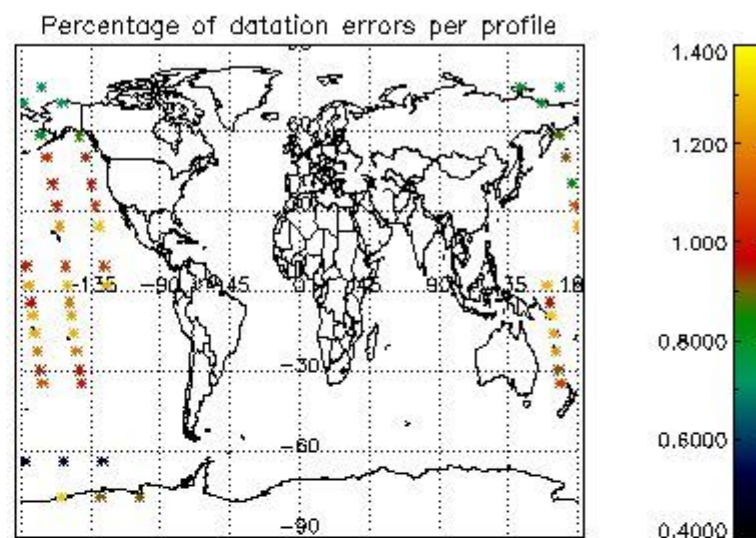
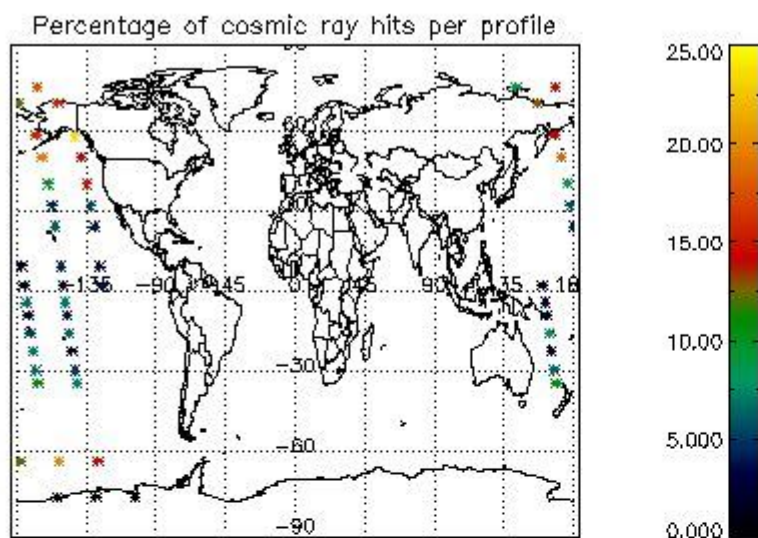


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



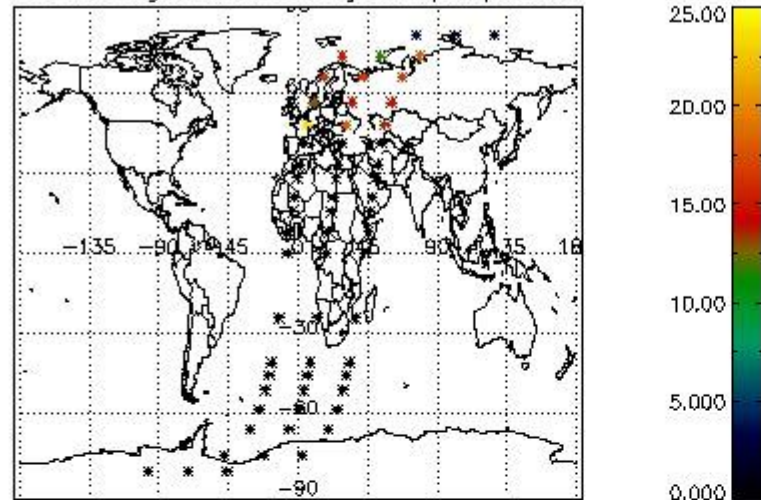
4.2 Plot quality information per product coming from level 1b processing (world map)

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

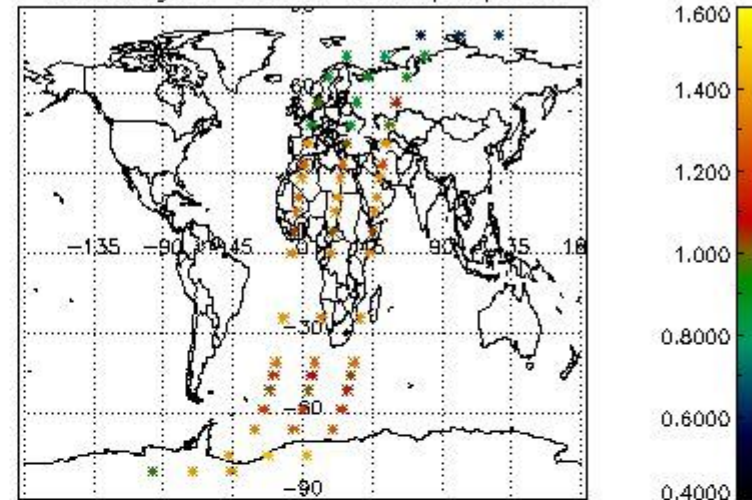


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

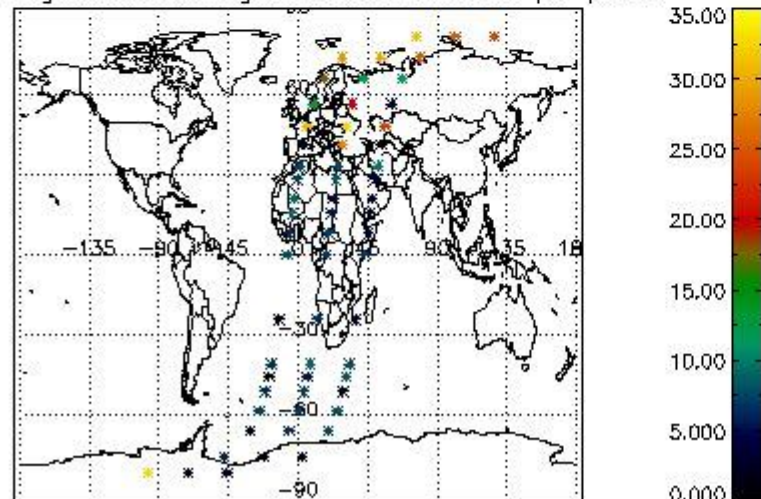
Percentage of cosmic ray hits per profile



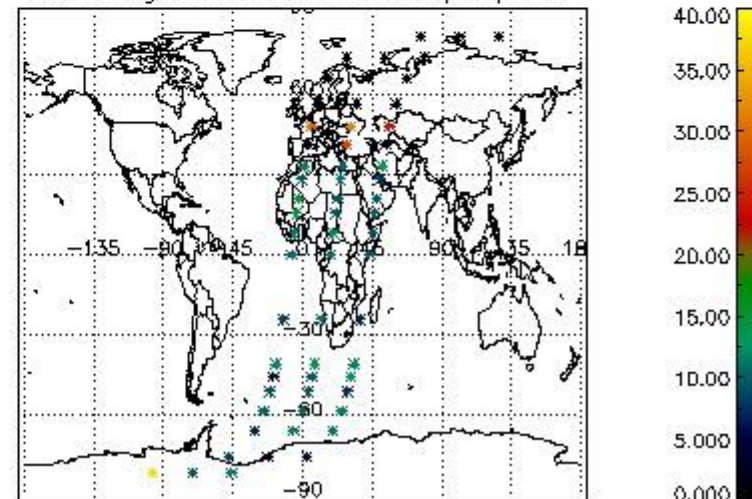
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

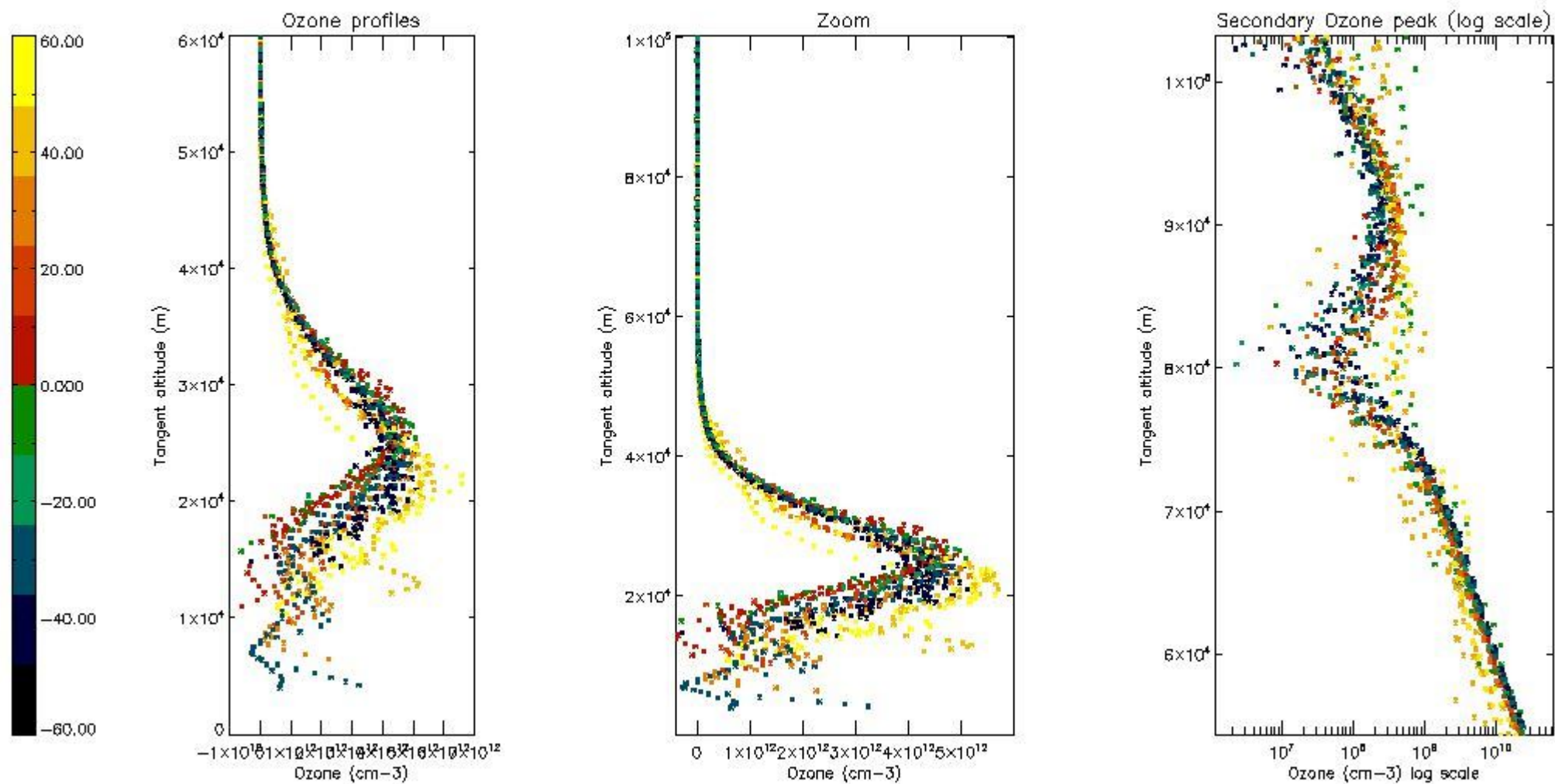
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	36
STD < 20	22

STD < 10	19
STD < 5	15

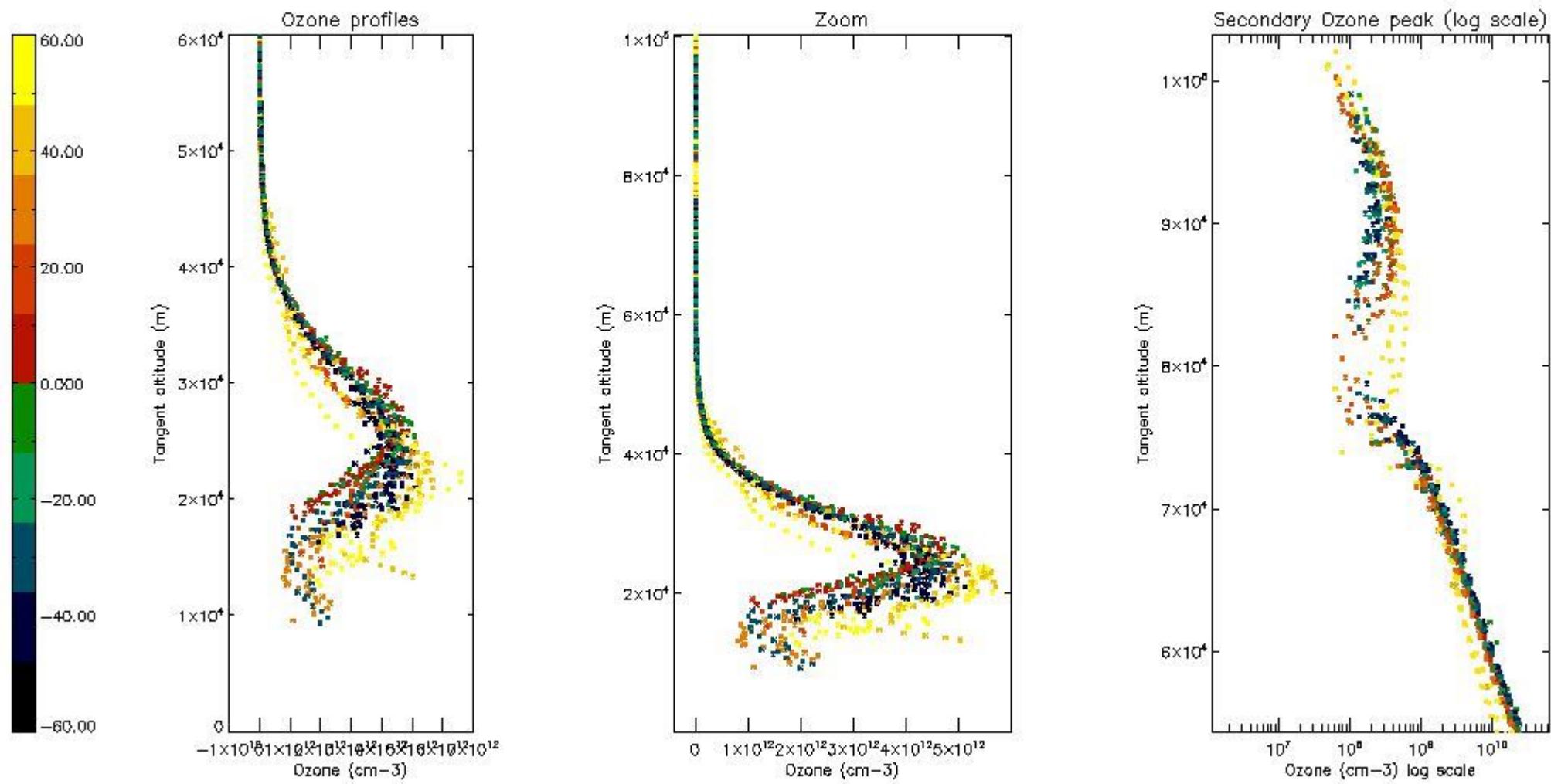
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



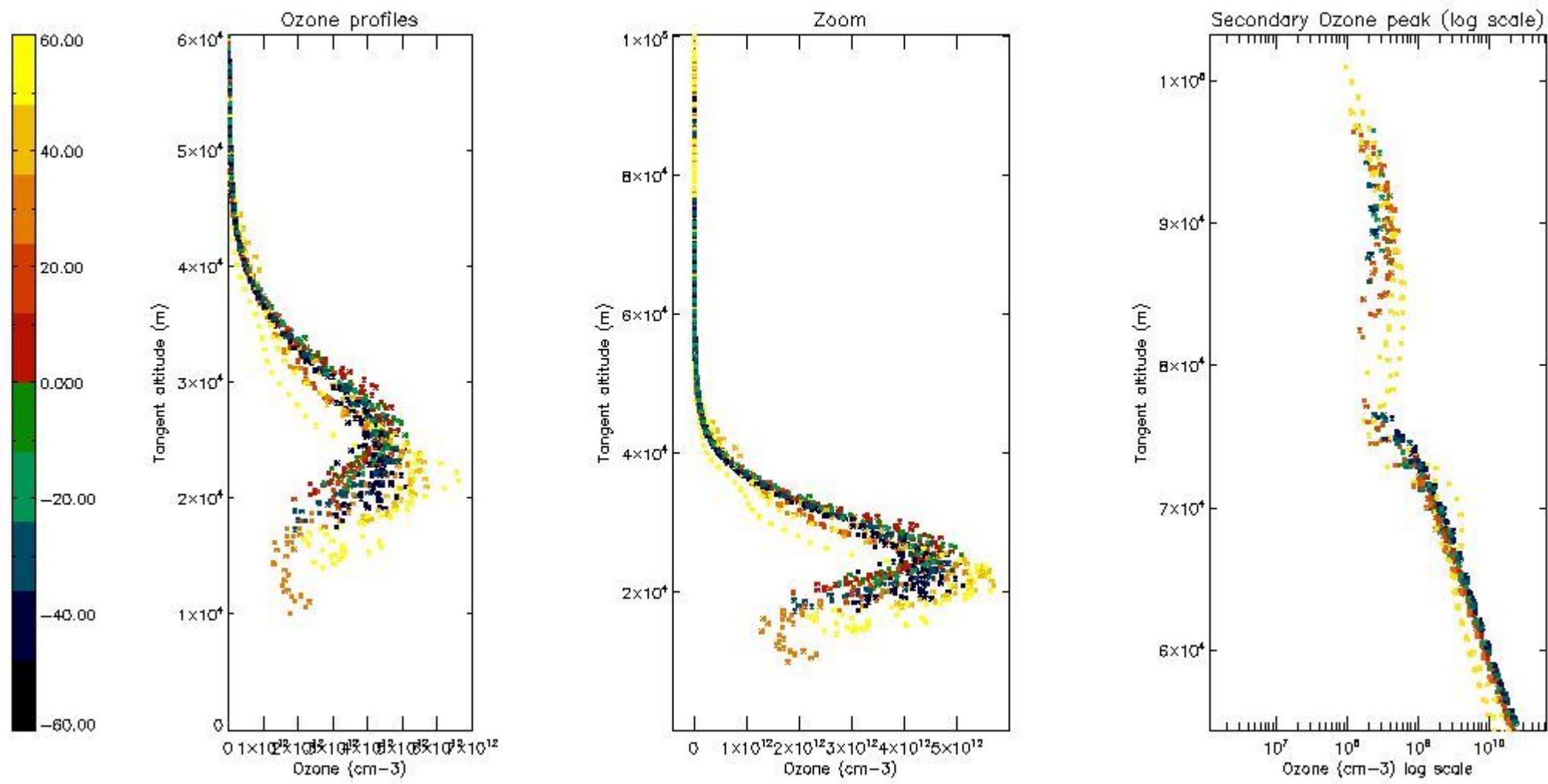
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



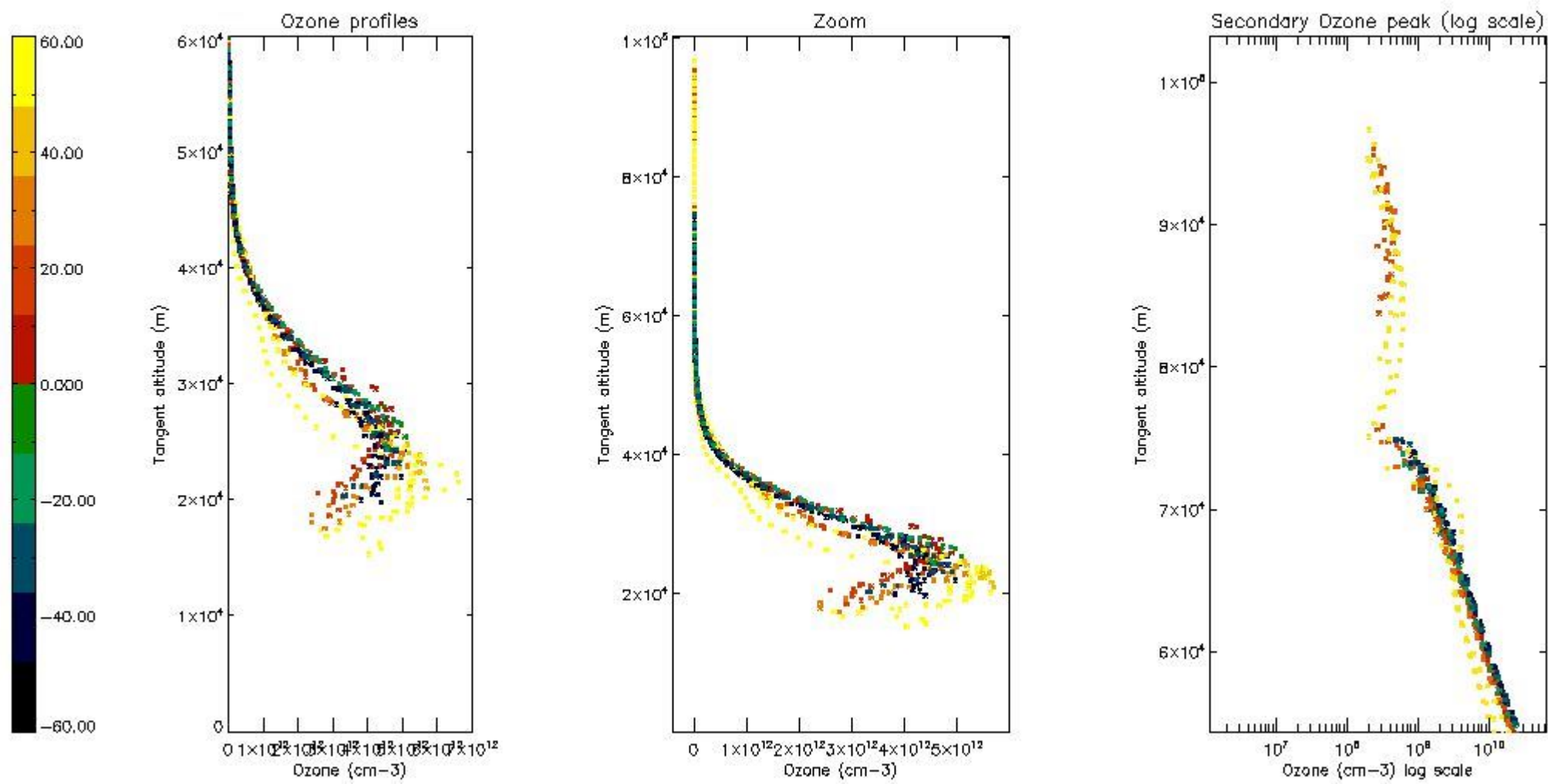
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



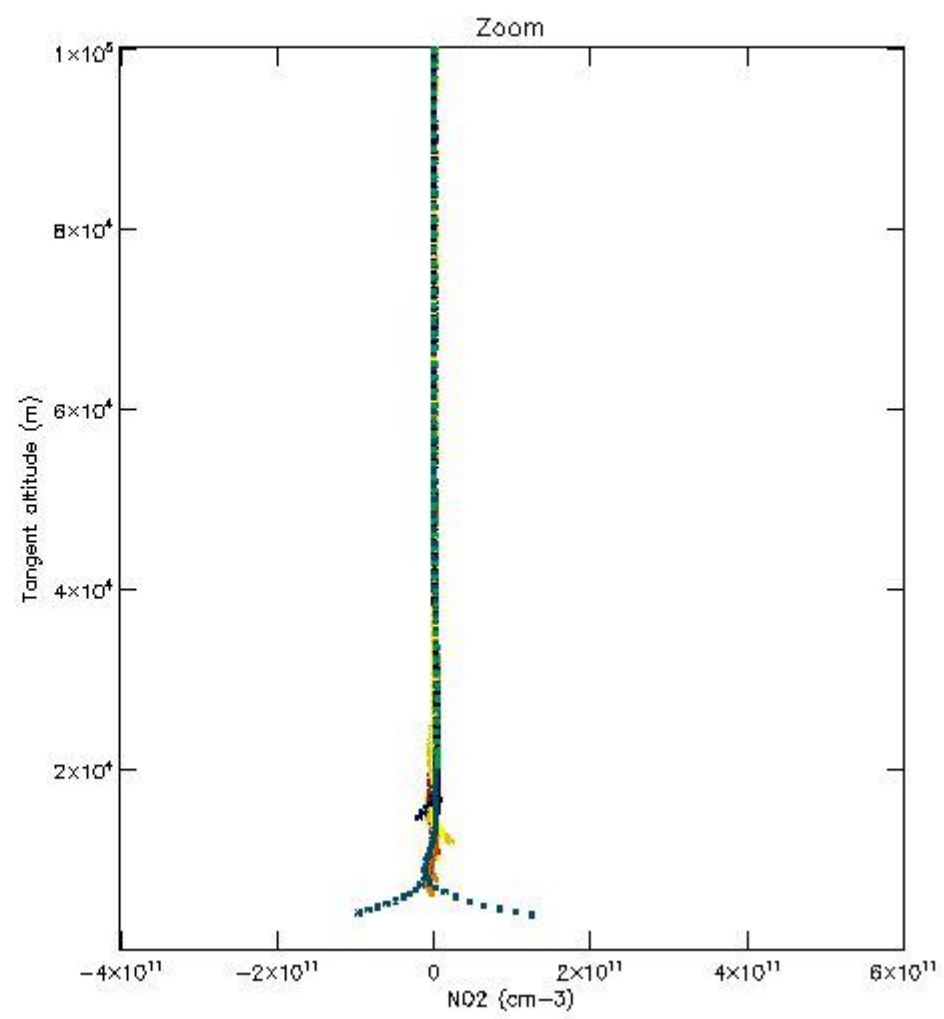
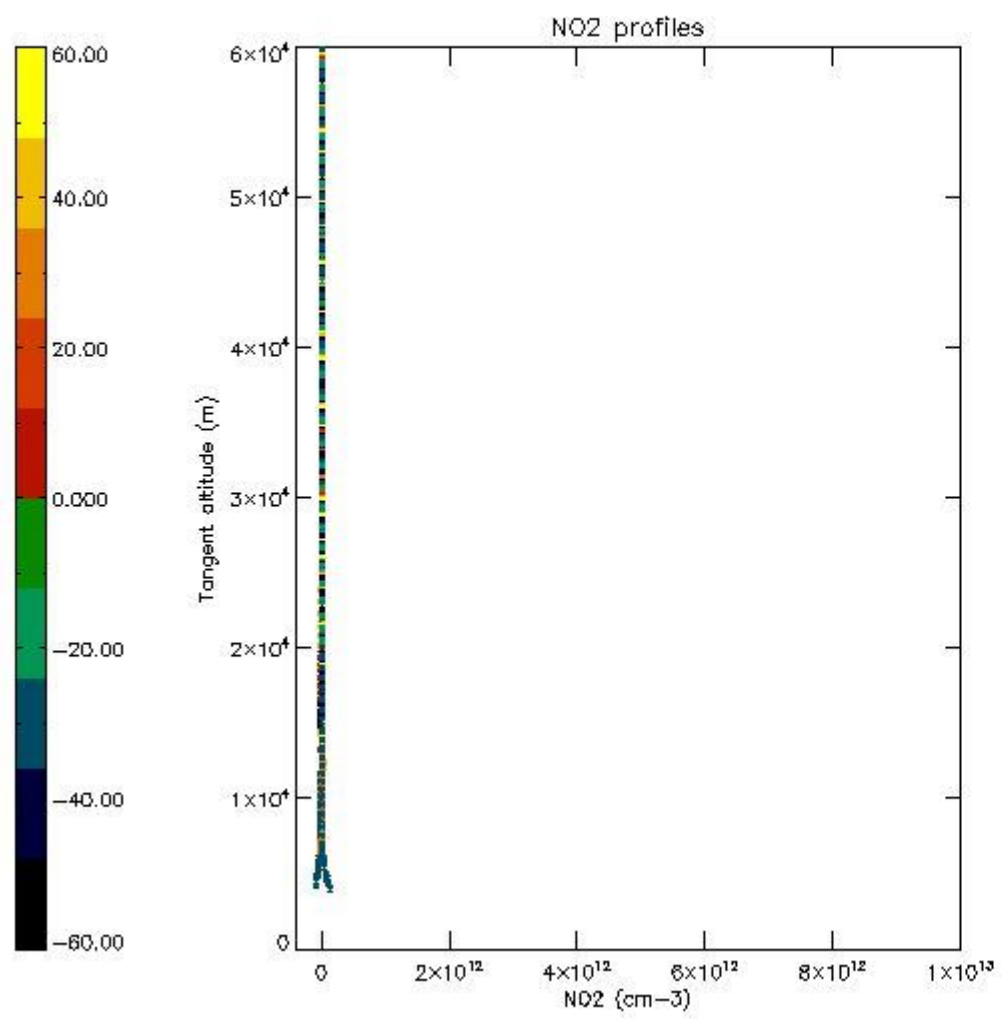
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



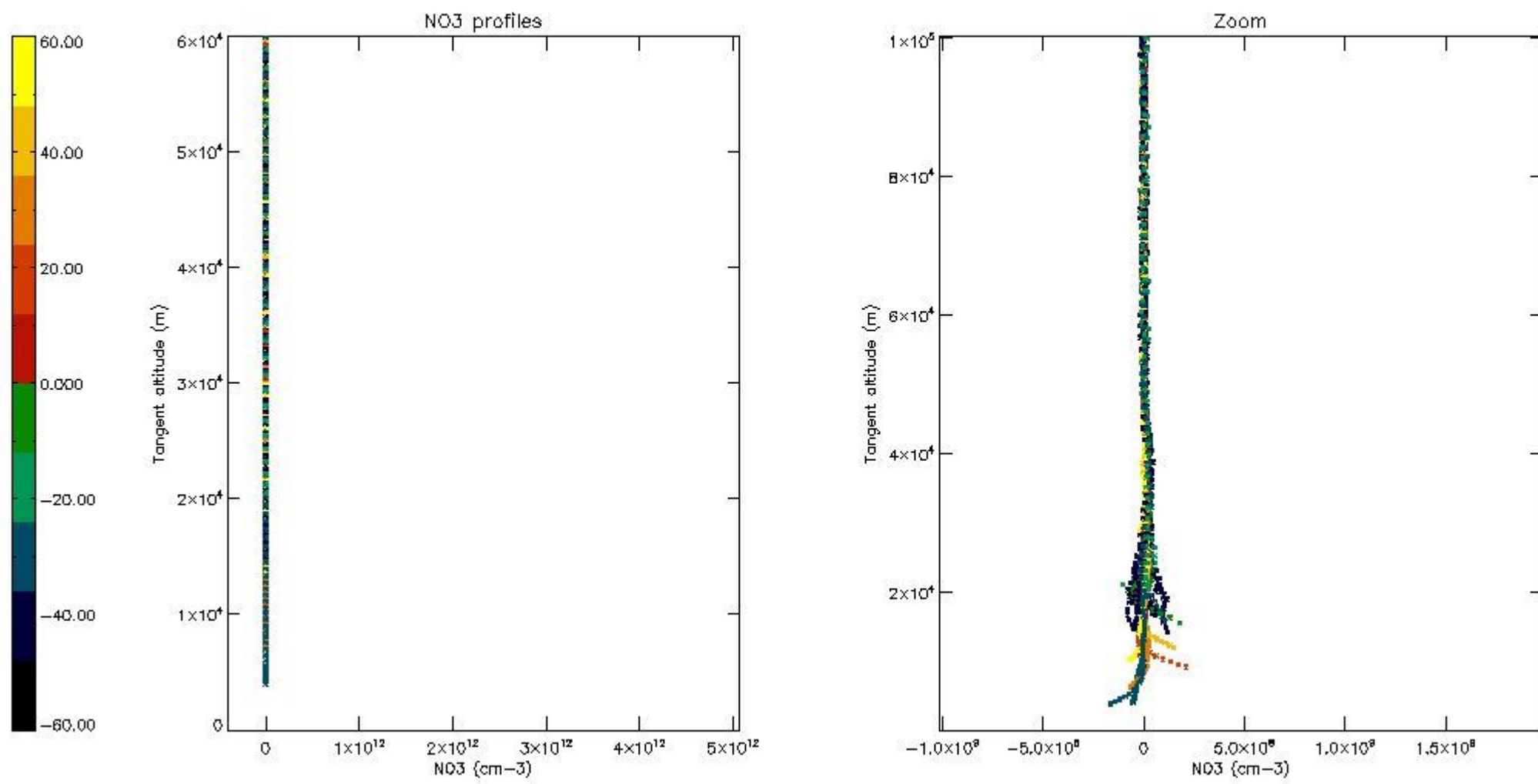
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



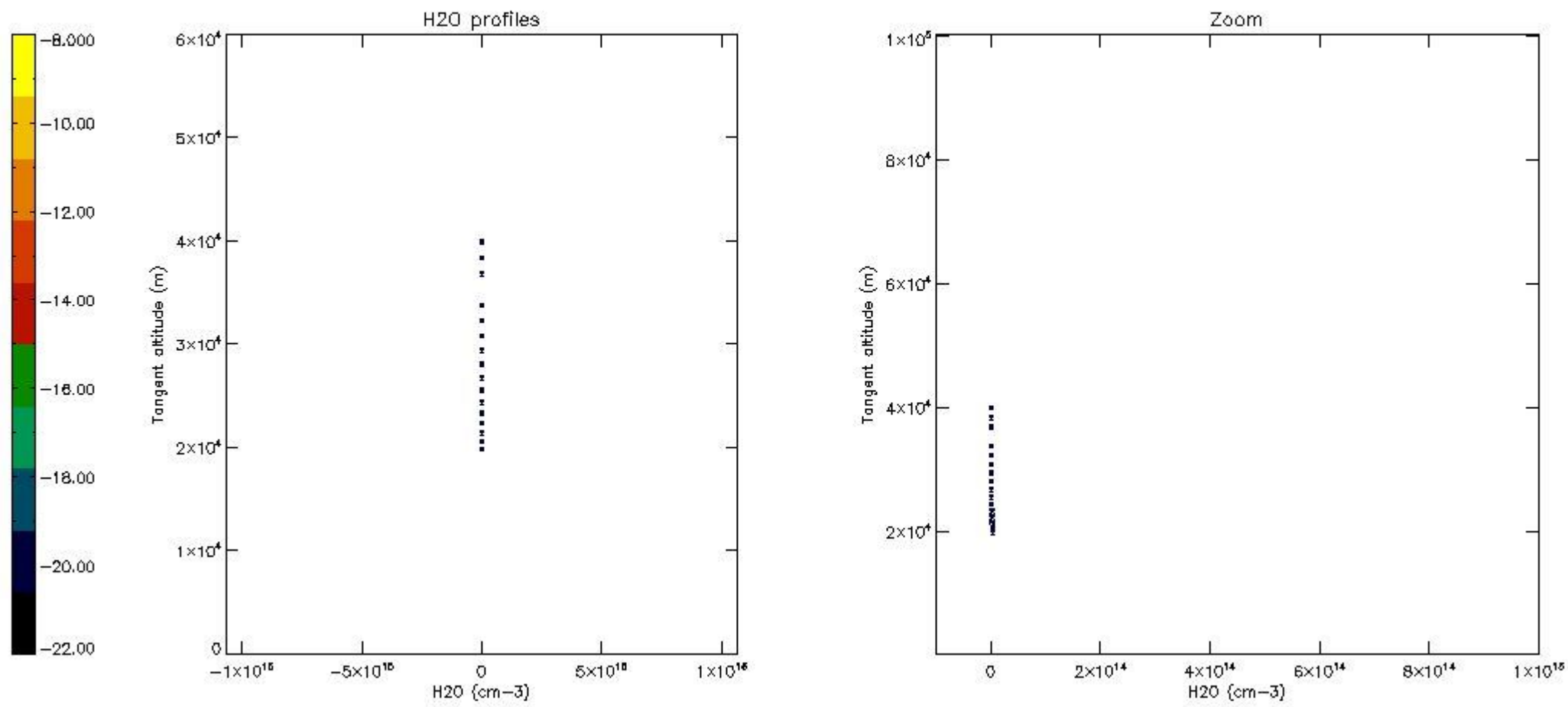
5.7 Plot NO3 profiles for all STD (dark without errors)

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_AXNIEC20050627_150440_20020301_000000_20100101_000000	1	07-DEC-2002 06:17:22
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	07-DEC-2002 06:17:22
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	07-DEC-2002 06:17:22

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	17APR2013 21:00:23
Data source version	GOMOS/6.01
Start time of products	07-12-2002 (07DEC2002 00:00:00)
Stop time of products	08-12-2002 (08DEC2002 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	115
Nb of prods with errors	3

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__2PRFIN20021207_061722_000000402011_00464_04025_9756.N1	07-DEC-2002 06:17:22	Dark	39.500	129	Del Cru	2.7930	26000.	79	4025	No
2	GOM_NL__2PRFIN20021207_061922_000000482011_00464_04025_9757.N1	07-DEC-2002 06:19:22	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	4025	No
3	GOM_NL__2PRFIN20021207_062333_000000392011_00464_04025_9758.N1	07-DEC-2002 06:23:33	Dark	38.500	29	Bet Car	1.6720	10200.	77	4025	No
4	GOM_NL__2PRFIN20021207_062544_000000482011_00464_04025_9759.N1	07-DEC-2002 06:25:44	Dark	47.500	41	Eps Car	1.8600	4100.0	95	4025	No
5	GOM_NL__2PRFIN20021207_062803_000000512011_00464_04025_9760.N1	07-DEC-2002 06:28:03	Dark	50.500	34	Gam2Vel	1.7930	23000.	101	4025	No
6	GOM_NL__2PRFIN20021207_063055_000000532011_00464_04025_9761.N1	07-DEC-2002 06:30:55	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	4025	No
7	GOM_NL__2PRFIN20021207_063311_000000582011_00464_04025_9762.N1	07-DEC-2002 06:33:11	Dark	58.000	117	Pi Pup	2.7060	3800.0	116	4025	No
8	GOM_NL__2PRFIN20021207_063647_000000692011_00464_04025_9763.N1	07-DEC-2002 06:36:47	Dark	68.500	23	21Eps CMa	1.5020	26000.	137	4025	No
9	GOM_NL__2PRFIN20021207_063847_000000692011_00464_04025_9764.N1	07-DEC-2002 06:38:47	Straylight	68.500	179	24Omi2CMa	3.0320	24000.	137	4025	No
10	GOM_NL__2PRFIN20021207_064226_000000812011_00464_04025_9765.N1	07-DEC-2002 06:42:26	Straylight	80.500	1	9Alp CMa	-1.4400	11000.	161	4025	No
11	GOM_NL__2PRFIN20021207_064554_000000582011_00464_04025_9766.N1	07-DEC-2002 06:45:54	Straylight	57.500	7	19Bet Ori	0.10000	14000.	115	4025	No
12	GOM_NL__2PRFIN20021207_064820_000000552011_00464_04025_9767.N1	07-DEC-2002 06:48:20	Straylight	54.500	33	50Zet Ori	1.7660	30000.	109	4025	No
13	GOM_NL__2PRFIN20021207_065105_000000482011_00464_04025_9768.N1	07-DEC-2002 06:51:05	Twilight	47.500	27	24Gam Ori	1.6360	26000.	95	4025	No
14	GOM_NL__2PRFIN20021207_065334_000000522011_00464_04025_9769.N1	07-DEC-2002 06:53:34	Bright	51.500	13	87Alp Tau	0.86700	3800.0	103	4025	No
15	GOM_NL__2PRFIN20021207_065525_000000372011_00464_04025_9770.N1	07-DEC-2002 06:55:25	Bright	36.500	146	25Eta Tau	2.8730	15200.	73	4025	No
16	GOM_NL__2PRFIN20021207_065741_000000412011_00464_04025_9771.N1	07-DEC-2002 06:57:41	Bright	41.000	150	44Zet Per	2.8900	28000.	82	4025	No
17	GOM_NL__2PRFIN20021207_065907_000000362011_00464_04025_9772.N1	07-DEC-2002 06:59:07	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	4025	No
18	GOM_NL__2PRFIN20021207_070110_000000372011_00464_04025_9773.N1	07-DEC-2002 07:01:10	Bright	37.000	73	57Gam1And	2.2600	13100.	74	4025	No
19	GOM_NL__2PRFIN20021207_070241_000000372011_00464_04025_9774.N1	07-DEC-2002 07:02:41	Bright	37.000	35	33Alp Per	1.7950	6250.0	74	4025	No
20	GOM_NL__2PRFIN20021207_070448_000000482011_00464_04025_9775.N1	07-DEC-2002 07:04:48	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	4025	No
21	GOM_NL__2PRFIN20021207_070703_000000372011_00464_04025_9776.N1	07-DEC-2002 07:07:03	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	4025	No
22	GOM_NL__2PRFIN20021207_071347_000000372011_00464_04025_9777.N1	07-DEC-2002 07:13:47	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	4025	No
23	GOM_NL__2PRFIN20021207_071830_000000392011_00464_04025_9778.N1	07-DEC-2002 07:18:30	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	4025	No
24	GOM_NL__2PRFIN20021207_071954_000000482011_00464_04025_9779.N1	07-DEC-2002 07:19:54	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	4025	No
25	GOM_NL__2PRFIN20021207_072127_000000482011_00464_04025_9780.N1	07-DEC-2002 07:21:27	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	4025	No
26	GOM_NL__2PRFIN20021207_072330_000000432011_00464_04025_9781.N1	07-DEC-2002 07:23:30	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	4025	No
27	GOM_NL__2PRFIN20021207_072546_000000402011_00464_04025_9782.N1	07-DEC-2002 07:25:46	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	4025	No
28	GOM_NL__2PRFIN20021207_072850_000000352011_00464_04025_9783.N1	07-DEC-2002 07:28:50	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	4025	No
29	GOM_NL__2PRFIN20021207_073154_000000372011_00464_04025_9784.N1	07-DEC-2002 07:31:54	Bright	36.500	83		2.3780	11000.	73	4025	No
30	GOM_NL__2PRFIN20021207_073500_000000552011_00464_04025_9785.N1	07-DEC-2002 07:35:00	Bright	55.000	111	8Eta Boo	2.6800	6000.0	110	4025	No
31	GOM_NL__2PRFIN20021207_073917_000001012011_00464_04025_9786.N1	07-DEC-2002 07:39:17	Twilight	100.50	96	68Del Leo	2.5600	9300.0	201	4025	No
32	GOM_NL__2PRFIN20021207_074303_000000012011_00464_04025_9787.N1	07-DEC-2002 07:43:03	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4025	Yes
33	GOM_NL__2PRFIN20021207_074740_000000502011_00464_04025_9788.N1	07-DEC-2002 07:47:40	Twilight	49.500	169	46Gam Hya	2.9910	4700.0	99	4025	No
34	GOM_NL__2PRFIN20021207_074903_000000512011_00464_04025_9789.N1	07-DEC-2002 07:49:03	Dark	51.000	100	4Gam Crv	2.5800	13100.	102	4025	No
35	GOM_NL__2PRFIN20021207_075105_000000432011_00464_04025_9790.N1	07-DEC-2002 07:51:05	Dark	43.000	123	1ot Cen	2.7500	10200.	86	4025	No
36	GOM_NL__2PRFIN20021207_075300_000000392011_00464_04025_9791.N1	07-DEC-2002 07:53:00	Dark	39.000	95	Zet Cen	2.5450	26000.	78	4025	No
37	GOM_NL__2PRFIN20021207_075451_000000412011_00464_04025_9792.N1	07-DEC-2002 07:54:51	Dark	40.500	77	Eps Cen	2.3030	28000.	81	4025	No
38	GOM_NL__2PRFIN20021207_075612_000000432011_00464_04025_9793.N1	07-DEC-2002 07:56:12	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	4025	No
39	GOM_NL__2PRFIN20021207_075758_000000392011_00465_04026_9754.N1	07-DEC-2002 07:57:58	Dark	39.000	129	Del Cru	2.7930	26000.	78	4026	No
40	GOM_NL__2PRFIN20021207_075959_000000472011_00465_04026_9755.N1	07-DEC-2002 07:59:59	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	4026	No
41	GOM_NL__2PRFIN20021207_080409_000000412011_00465_04026_9756.N1	07-DEC-2002 08:04:09	Dark	41.000	29	Bet Car	1.6720	10200.	82	4026	No
42	GOM_NL__2PRFIN20021207_080620_000000502011_00465_04026_9757.N1	07-DEC-2002 08:06:20	Dark	49.500	41	Eps Car	1.8600	4100.0	99	4026	No

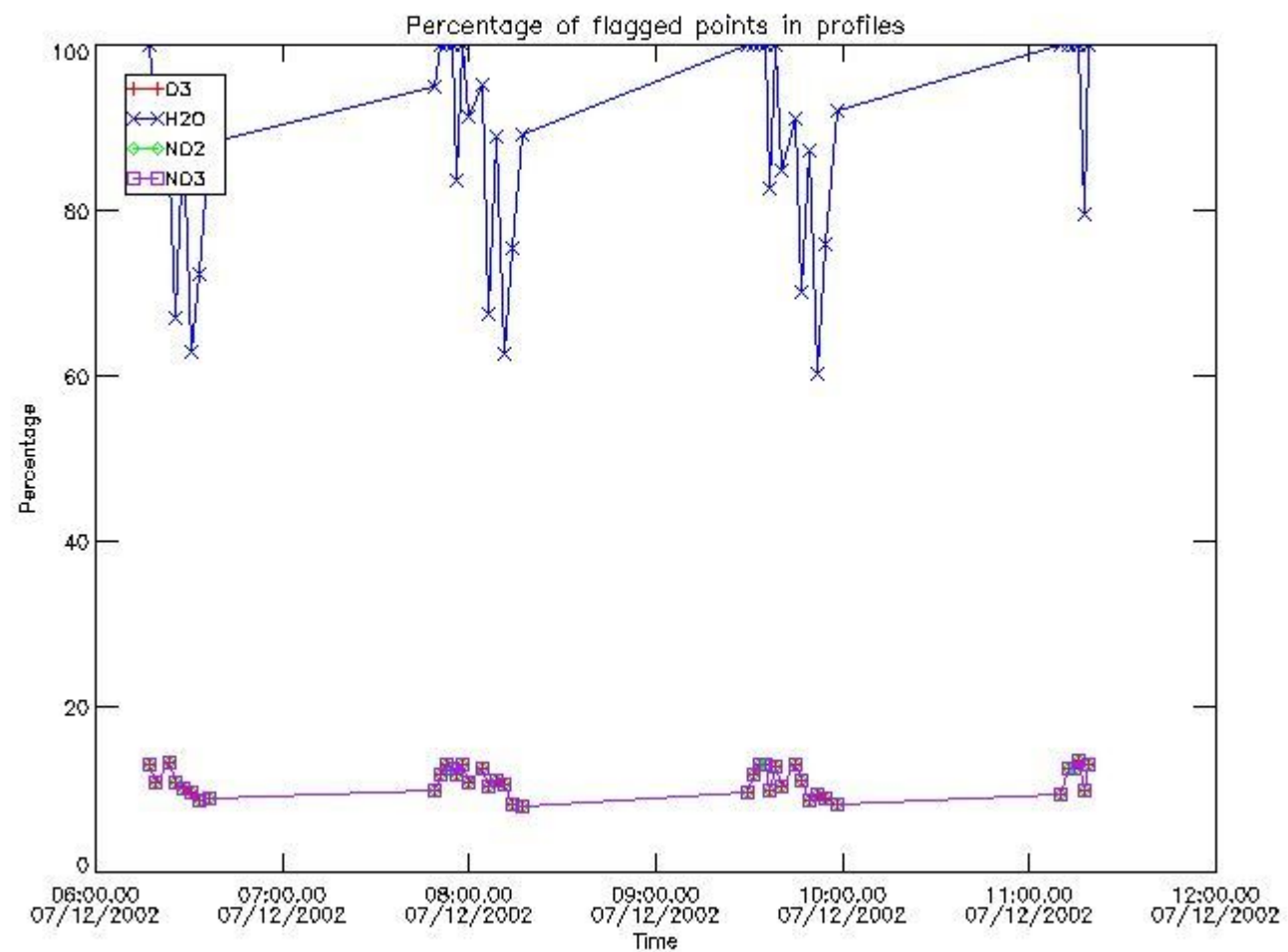
43	GOM_NL__2PRFIN20021207_080840_000000502011_00465_04026_9758.N1	07-DEC-2002 08:08:40	Dark	50.000	34	Gam2Vel	1.7930	23000.	100	4026	No
44	GOM_NL__2PRFIN20021207_081131_000000492011_00465_04026_9759.N1	07-DEC-2002 08:11:31	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	4026	No
45	GOM_NL__2PRFIN20021207_081348_000000622011_00465_04026_9760.N1	07-DEC-2002 08:13:48	Dark	61.500	117	Pi Pup	2.7060	3800.0	123	4026	No
46	GOM_NL__2PRFIN20021207_081723_000000652011_00465_04026_9761.N1	07-DEC-2002 08:17:23	Dark	65.000	23	21Eps CMa	1.5020	26000.	130	4026	No
47	GOM_NL__2PRFIN20021207_081924_000000672011_00465_04026_9762.N1	07-DEC-2002 08:19:24	Straylight	66.500	179	24Omi2CMa	3.0320	24000.	133	4026	No
48	GOM_NL__2PRFIN20021207_082302_000000822011_00465_04026_9763.N1	07-DEC-2002 08:23:02	Straylight	82.000	1	9Alp CMa	-1.4400	11000.	164	4026	No
49	GOM_NL__2PRFIN20021207_082630_000000612011_00465_04026_9764.N1	07-DEC-2002 08:26:30	Straylight	60.500	7	19Bet Ori	0.10000	14000.	121	4026	No
50	GOM_NL__2PRFIN20021207_082855_000000552011_00465_04026_9765.N1	07-DEC-2002 08:28:55	Straylight	55.000	33	50Zet Ori	1.7660	30000.	110	4026	No
51	GOM_NL__2PRFIN20021207_083140_000000582011_00465_04026_9766.N1	07-DEC-2002 08:31:40	Tw_i_and_stray	57.500	27	24Gam Ori	1.6360	26000.	115	4026	No
52	GOM_NL__2PRFIN20021207_083410_000000582011_00465_04026_9767.N1	07-DEC-2002 08:34:10	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	4026	No
53	GOM_NL__2PRFIN20021207_083601_000000492011_00465_04026_9768.N1	07-DEC-2002 08:36:01	Bright	49.000	146	25Eta Tau	2.8730	15200.	98	4026	No
54	GOM_NL__2PRFIN20021207_083817_000000392011_00465_04026_9769.N1	07-DEC-2002 08:38:17	Bright	39.000	150	44Zet Per	2.8900	28000.	78	4026	No
55	GOM_NL__2PRFIN20021207_083944_000000372011_00465_04026_9770.N1	07-DEC-2002 08:39:44	Bright	37.000	173	4Bet Tri	3.0040	8900.0	74	4026	No
56	GOM_NL__2PRFIN20021207_084146_000000372011_00465_04026_9771.N1	07-DEC-2002 08:41:46	Bright	36.500	73	57Gam1And	2.2600	13100.	73	4026	No
57	GOM_NL__2PRFIN20021207_084317_000000372011_00465_04026_9772.N1	07-DEC-2002 08:43:17	Bright	37.000	35	33Alp Per	1.7950	6250.0	74	4026	No
58	GOM_NL__2PRFIN20021207_084523_000000502011_00465_04026_9773.N1	07-DEC-2002 08:45:23	Bright	49.500	42	34Bet Aur	1.9000	10200.	99	4026	No
59	GOM_NL__2PRFIN20021207_084739_000000382011_00465_04026_9774.N1	07-DEC-2002 08:47:39	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	4026	No
60	GOM_NL__2PRFIN20021207_085423_000000382011_00465_04026_9775.N1	07-DEC-2002 08:54:23	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	4026	No
61	GOM_NL__2PRFIN20021207_085906_000000392011_00465_04026_9776.N1	07-DEC-2002 08:59:06	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	4026	No
62	GOM_NL__2PRFIN20021207_090029_000000462011_00465_04026_9777.N1	07-DEC-2002 09:00:29	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	4026	No
63	GOM_NL__2PRFIN20021207_090203_000000502011_00465_04026_9778.N1	07-DEC-2002 09:02:03	Bright	49.500	82	48Bet UMa	2.3650	10600.	99	4026	No
64	GOM_NL__2PRFIN20021207_090407_000000422011_00465_04026_9779.N1	07-DEC-2002 09:04:07	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	4026	No
65	GOM_NL__2PRFIN20021207_090622_000000402011_00465_04026_9780.N1	07-DEC-2002 09:06:22	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	4026	No
66	GOM_NL__2PRFIN20021207_090926_000000342011_00465_04026_9781.N1	07-DEC-2002 09:09:26	Bright	34.000	180	27Gam Boo	3.0400	8000.0	68	4026	No
67	GOM_NL__2PRFIN20021207_091230_000000362011_00465_04026_9782.N1	07-DEC-2002 09:12:30	Bright	36.000	83		2.3780	11000.	72	4026	No
68	GOM_NL__2PRFIN20021207_091536_000000552011_00465_04026_9783.N1	07-DEC-2002 09:15:36	Bright	55.000	111	8Eta Boo	2.6800	6000.0	110	4026	No
69	GOM_NL__2PRFIN20021207_091954_000000962011_00465_04026_9784.N1	07-DEC-2002 09:19:54	Tw_i_and_stray	95.500	96	68Del Leo	2.5600	9300.0	191	4026	No
70	GOM_NL__2PRFIN20021207_092339_00000012011_00465_04026_9785.N1	07-DEC-2002 09:23:39	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4026	Yes
71	GOM_NL__2PRFIN20021207_092816_000000452011_00465_04026_9786.N1	07-DEC-2002 09:28:16	Tw_i_and_stray	45.000	169	46Gam Hya	2.9910	4700.0	90	4026	No
72	GOM_NL__2PRFIN20021207_092940_000000532011_00465_04026_9787.N1	07-DEC-2002 09:29:40	Dark	53.000	100	4Gam Crv	2.5800	13100.	106	4026	No
73	GOM_NL__2PRFIN20021207_093141_000000432011_00465_04026_9788.N1	07-DEC-2002 09:31:41	Dark	43.000	123	lot Cen	2.7500	10200.	86	4026	No
74	GOM_NL__2PRFIN20021207_093336_000000402011_00465_04026_9789.N1	07-DEC-2002 09:33:36	Dark	39.500	95	Zet Cen	2.5450	26000.	79	4026	No
75	GOM_NL__2PRFIN20021207_093528_000000402011_00465_04026_9790.N1	07-DEC-2002 09:35:28	Dark	39.500	77	Eps Cen	2.3030	28000.	79	4026	No
76	GOM_NL__2PRFIN20021207_093648_000000522011_00465_04026_9791.N1	07-DEC-2002 09:36:48	Dark	52.000	4	Alp1Cen	-0.010000	5800.0	104	4026	No
77	GOM_NL__2PRFIN20021207_093834_000000402011_00466_04027_9752.N1	07-DEC-2002 09:38:34	Dark	40.000	129	Del Cru	2.7930	26000.	80	4027	No
78	GOM_NL__2PRFIN20021207_094036_000000502011_00466_04027_9753.N1	07-DEC-2002 09:40:36	Dark	49.500	113	Mu Vel	2.6920	5000.0	99	4027	No
79	GOM_NL__2PRFIN20021207_094446_000000402011_00466_04027_9754.N1	07-DEC-2002 09:44:46	Dark	39.500	29	Bet Car	1.6720	10200.	79	4027	No
80	GOM_NL__2PRFIN20021207_094656_000000462011_00466_04027_9755.N1	07-DEC-2002 09:46:56	Dark	45.500	41	Eps Car	1.8600	4100.0	91	4027	No
81	GOM_NL__2PRFIN20021207_094917_000000602011_00466_04027_9756.N1	07-DEC-2002 09:49:17	Dark	59.500	34	Gam2Vel	1.7930	23000.	119	4027	No
82	GOM_NL__2PRFIN20021207_095208_000000552011_00466_04027_9757.N1	07-DEC-2002 09:52:08	Dark	54.500	2	Alp Car	-0.73600	7000.0	109	4027	No
83	GOM_NL__2PRFIN20021207_095425_000000572011_00466_04027_9758.N1	07-DEC-2002 09:54:25	Dark	56.500	117	Pi Pup	2.7060	3800.0	113	4027	No
84	GOM_NL__2PRFIN20021207_095800_000000632011_00466_04027_9759.N1	07-DEC-2002 09:58:00	Dark	62.500	23	21Eps CMa	1.5020	26000.	125	4027	No
85	GOM_NL__2PRFIN20021207_100000_000000642011_00466_04027_9760.N1	07-DEC-2002 10:00:00	Straylight	64.000	179	24Omi2CMa	3.0320	24000.	128	4027	No
86	GOM_NL__2PRFIN20021207_100338_000000882011_00466_04027_9761.N1	07-DEC-2002 10:03:38	Straylight	88.000	1	9Alp CMa	-1.4400	11000.	176	4027	No
87	GOM_NL__2PRFIN20021207_100706_000000592011_00466_04027_9762.N1	07-DEC-2002 10:07:06	Straylight	59.000	7	19Bet Ori	0.10000	14000.	118	4027	No
88	GOM_NL__2PRFIN20021207_100931_000000592011_00466_04027_9763.N1	07-DEC-2002 10:09:31	Straylight	58.500	33	50Zet Ori	1.7660	30000.	117	4027	No
89	GOM_NL__2PRFIN20021207_101216_000000522011_00466_04027_9764.N1	07-DEC-2002 10:12:16	Tw_i_and_stray	51.500	27	24Gam Ori	1.6360	26000.	103	4027	No
90	GOM_NL__2PRFIN20021207_101445_000000582011_00466_04027_9765.N1	07-DEC-2002 10:14:45	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	4027	No
91	GOM_NL__2PRFIN20021207_101637_000000362011_00466_04027_9766.N1	07-DEC-2002 10:16:37	Bright	36.000	146	25Eta Tau	2.8730	15200.	72	4027	No
92	GOM_NL__2PRFIN20021207_101854_000000392011_00466_04027_9767.N1	07-DEC-2002 10:18:54	Bright	39.000	150	44Zet Per	2.8900	28000.	78	4027	No
93	GOM_NL__2PRFIN20021207_102020_000000372011_00466_04027_9768.N1	07-DEC-2002 10:20:20	Bright	36.500	173	4Bet Tri	3.0040	8900.0	73	4027	No
94	GOM_NL__2PRFIN20021207_102222_000000392011_00466_04027_9769.N1	07-DEC-2002 10:22:22	Bright	39.000	73	57Gam1And	2.2600	13100.	78	4027	No
95	GOM_NL__2PRFIN20021207_102353_000000392011_00466_04027_9770.N1	07-DEC-2002 10:23:53	Bright	38.500	35	33Alp Per	1.7950	6250.0	77	4027	No
96	GOM_NL__2PRFIN20021207_102558_000000492011_00466_04027_9771.N1	07-DEC-2002 10:25:58	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	4027	No
97	GOM_NL__2PRFIN20021207_102815_000000382011_00466_04027_9772.N1	07-DEC-2002 10:28:15	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	4027	No
98	GOM_NL__2PRFIN20021207_103459_000000362011_00466_04027_9773.N1	07-DEC-2002 10:34:59	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	4027	No
99	GOM_NL__2PRFIN20021207_103942_000000382011_00466_04027_9774.N1	07-DEC-2002 10:39:42	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	4027	No
100	GOM_NL__2PRFIN20021207_104105_000000442011_00466_04027_9775.N1	07-DEC-2002 10:41:05	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	4027	No
101	GOM_NL__2PRFIN20021207_104238_000000492011_00466_04027_9776.N1	07-DEC-2002 10:42:38	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	4027	No

102	GOM_NL__2PRFIN20021207_104442_000000422011_00466_04027_9777.N1	07-DEC-2002 10:44:42	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	4027	No
103	GOM_NL__2PRFIN20021207_104658_000000382011_00466_04027_9778.N1	07-DEC-2002 10:46:58	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	4027	No
104	GOM_NL__2PRFIN20021207_105002_000000362011_00466_04027_9779.N1	07-DEC-2002 10:50:02	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	4027	No
105	GOM_NL__2PRFIN20021207_105307_000000522011_00466_04027_9780.N1	07-DEC-2002 10:53:07	Bright	52.000	83		2.3780	11000.	104	4027	No
106	GOM_NL__2PRFIN20021207_105612_000000382011_00466_04027_9781.N1	07-DEC-2002 10:56:12	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	4027	No
107	GOM_NL__2PRFIN20021207_110032_000001052011_00466_04027_9782.N1	07-DEC-2002 11:00:32	Twilight_stray	104.50	96	68Del Leo	2.5600	9300.0	209	4027	No
108	GOM_NL__2PRFIN20021207_110415_000000012011_00466_04027_9783.N1	07-DEC-2002 11:04:15	Dark	0.50000	1012	Venus	0.0000	0.0000	1	4027	Yes
109	GOM_NL__2PRFIN20021207_110853_000000472011_00466_04027_9784.N1	07-DEC-2002 11:08:53	Twilight_stray	47.000	169	46Gam Hya	2.9910	4700.0	94	4027	No
110	GOM_NL__2PRFIN20021207_111017_000000552011_00466_04027_9785.N1	07-DEC-2002 11:10:17	Dark	54.500	100	4Gam Crv	2.5800	13100.	109	4027	No
111	GOM_NL__2PRFIN20021207_111218_000000412011_00466_04027_9786.N1	07-DEC-2002 11:12:18	Dark	41.000	123	1ot Cen	2.7500	10200.	82	4027	No
112	GOM_NL__2PRFIN20021207_111412_000000412011_00466_04027_9787.N1	07-DEC-2002 11:14:12	Dark	40.500	95	Zet Cen	2.5450	26000.	81	4027	No
113	GOM_NL__2PRFIN20021207_111604_000000382011_00466_04027_9788.N1	07-DEC-2002 11:16:04	Dark	38.000	77	Eps Cen	2.3030	28000.	76	4027	No
114	GOM_NL__2PRFIN20021207_111724_000000522011_00466_04027_9789.N1	07-DEC-2002 11:17:24	Dark	52.000	4	Alp1Cen	-0.010000	5800.0	104	4027	No
115	GOM_NL__2PRFIN20021207_111911_000000392011_00467_04028_9780.N1	07-DEC-2002 11:19:11	Dark	39.000	129	Del Cru	2.7930	26000.	78	4028	No

3. Quality information per product

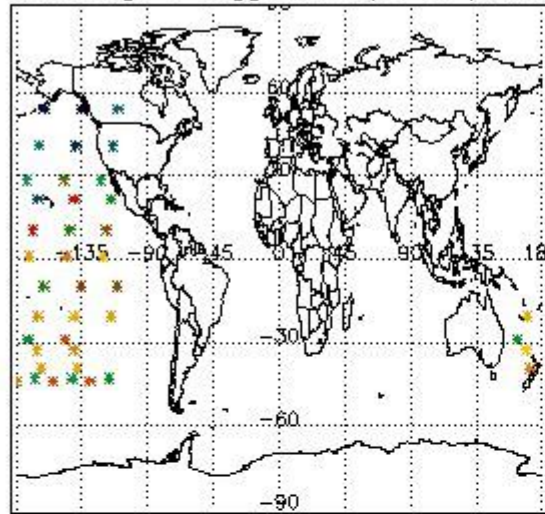
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

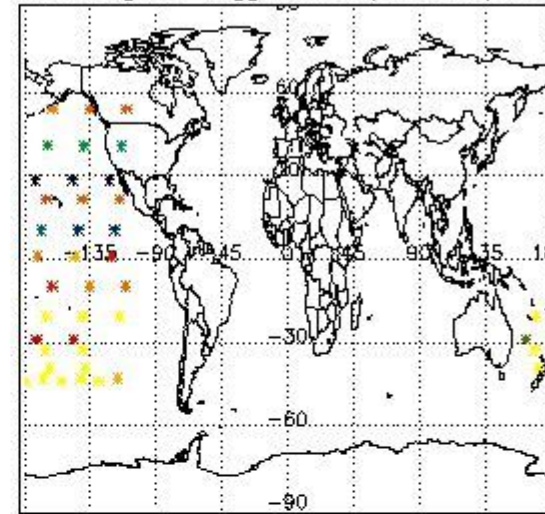


3.2 Plot quality information per product (world map)

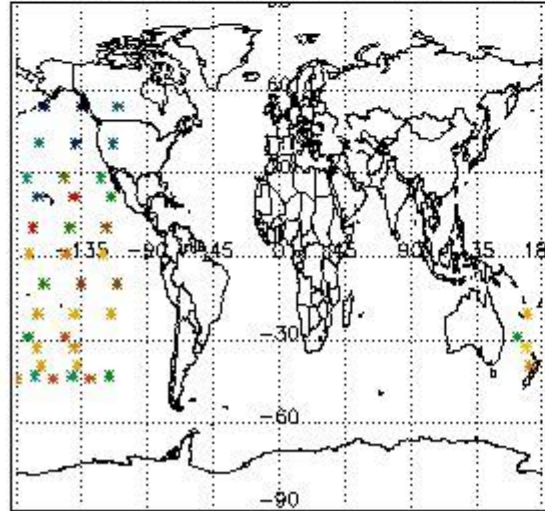
Percentage of flagged data per O3 profile



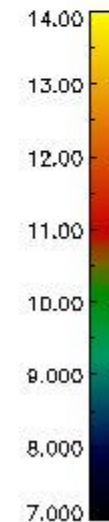
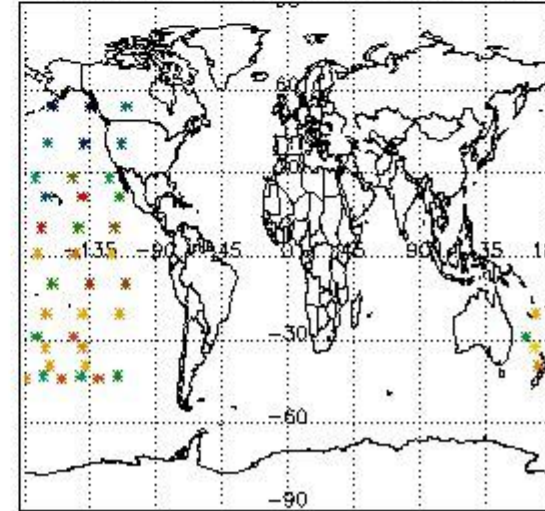
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

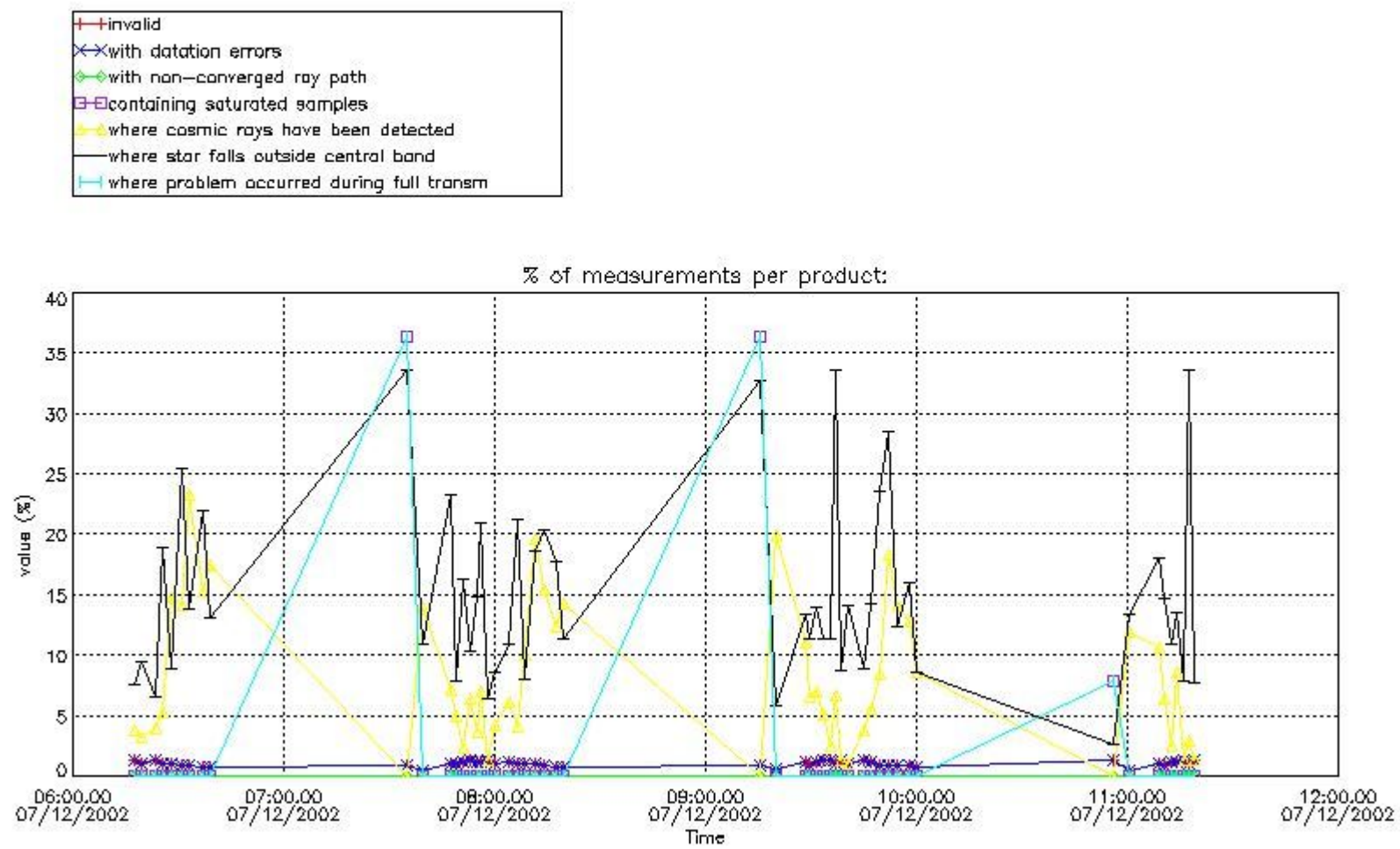


4. Level 1 quality information per product

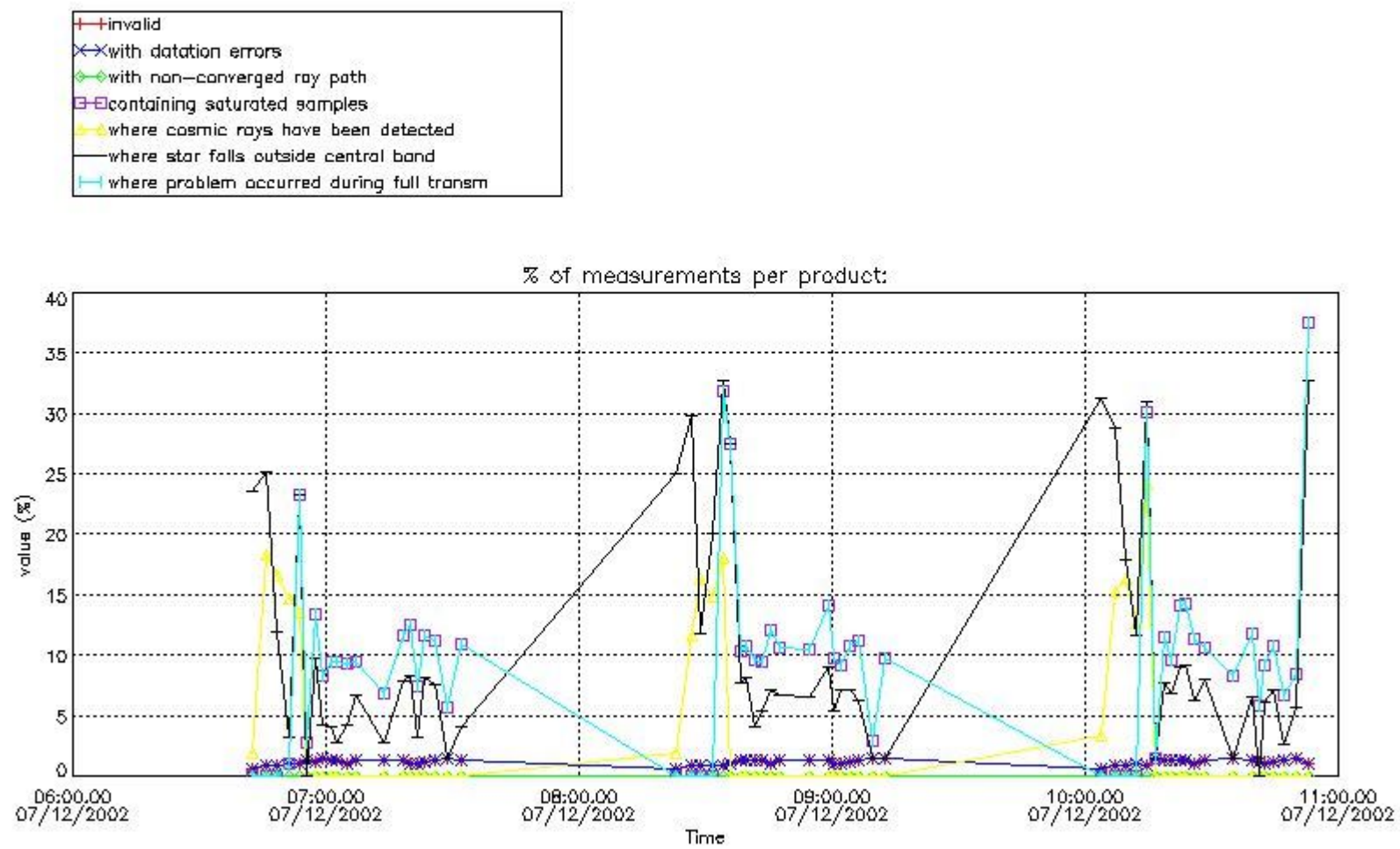
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

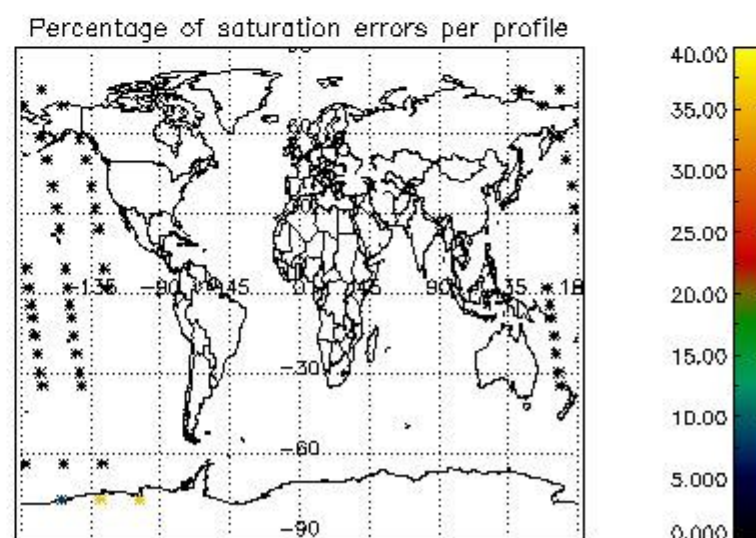
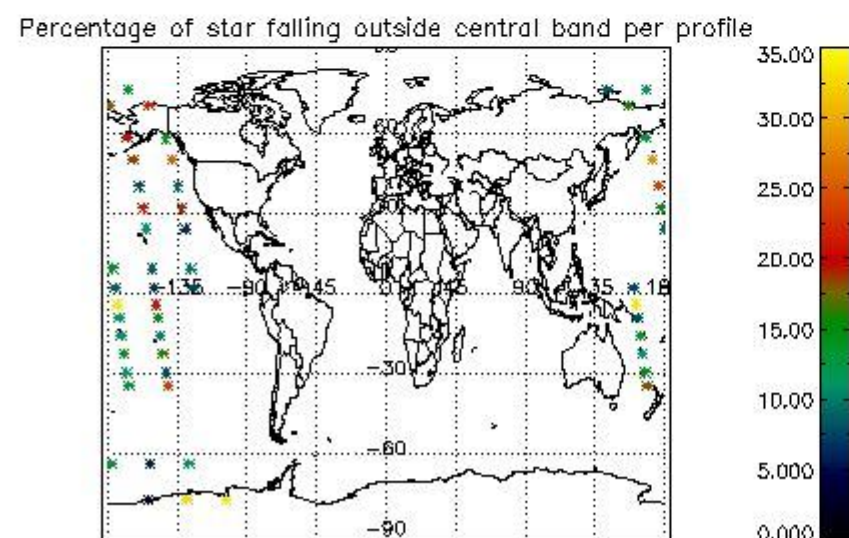
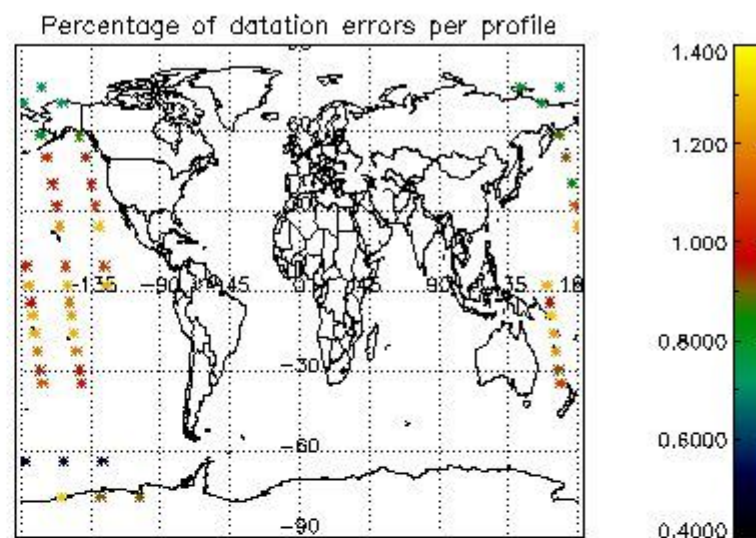
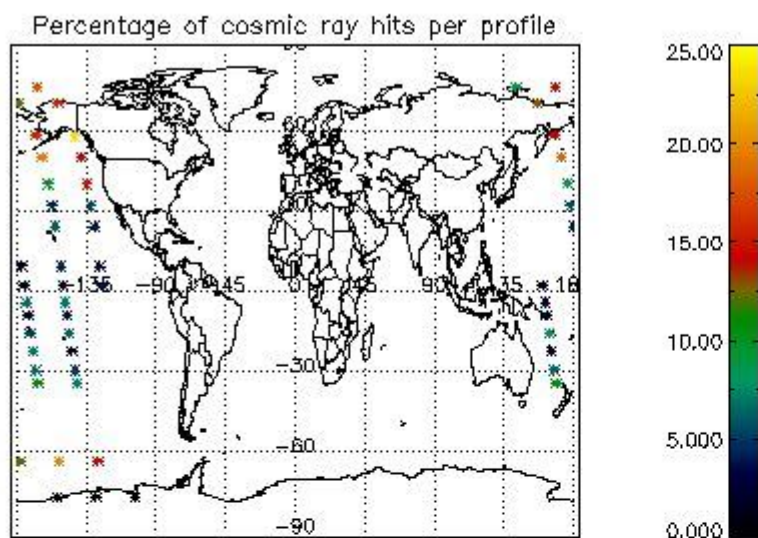


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



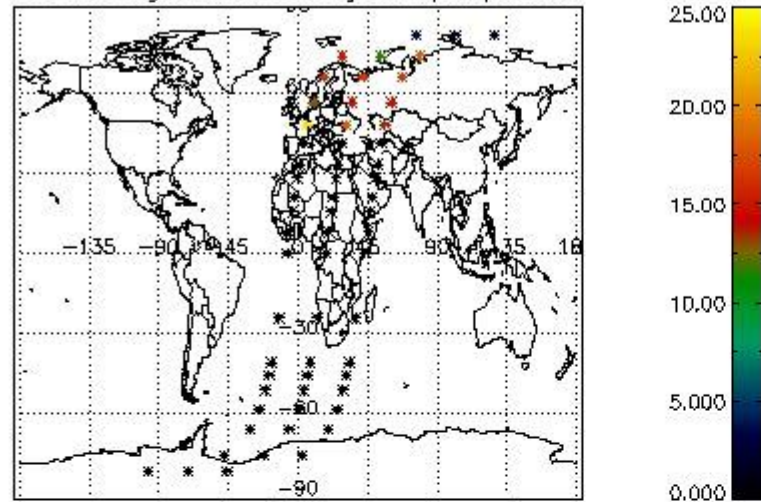
4.2 Plot quality information per product coming from level 1b processing (world map)

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

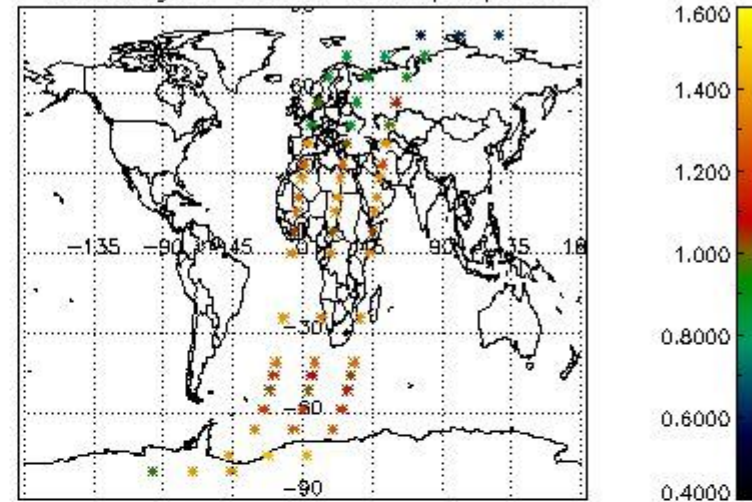


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

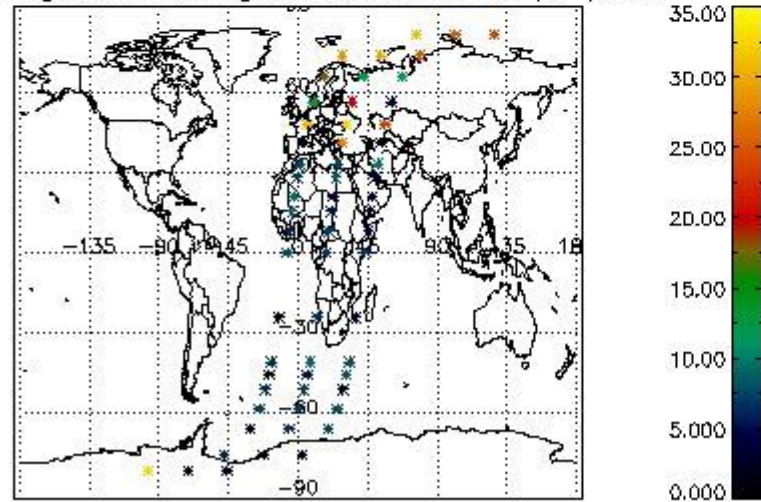
Percentage of cosmic ray hits per profile



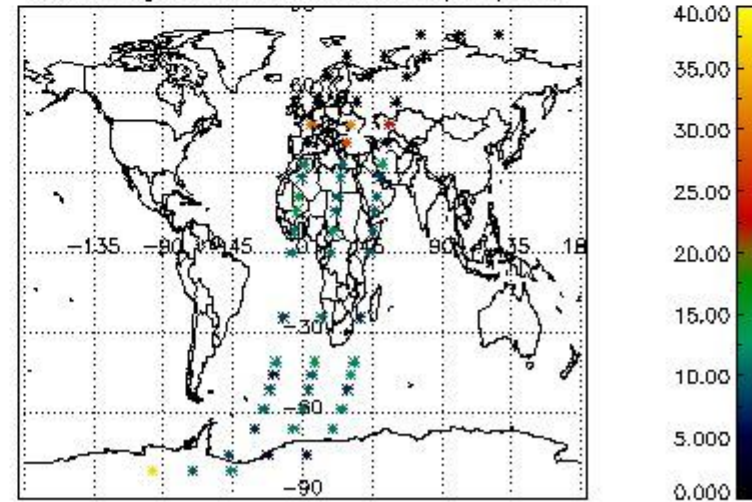
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

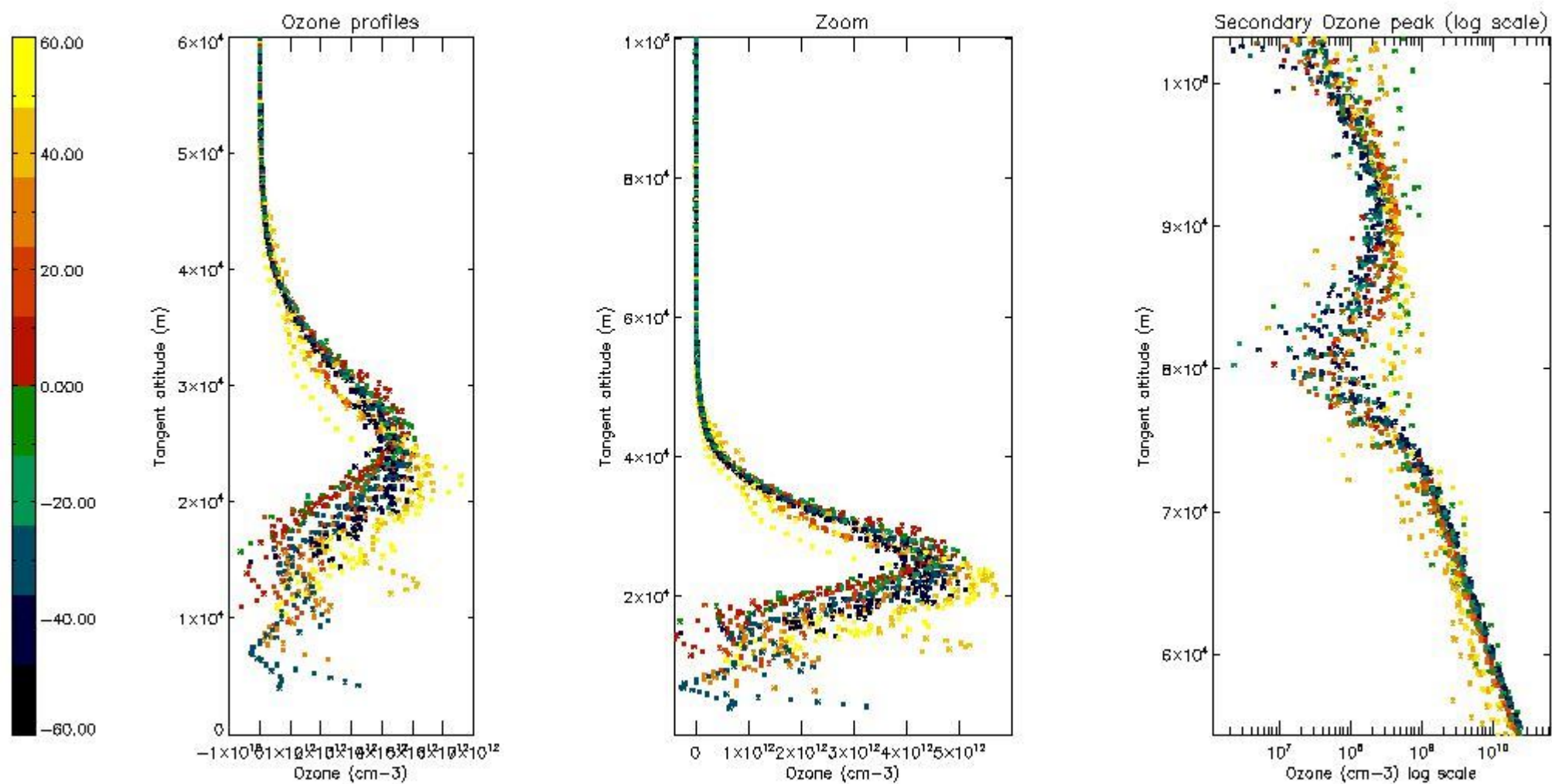
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	36
STD < 20	22

STD < 10	19
STD < 5	15

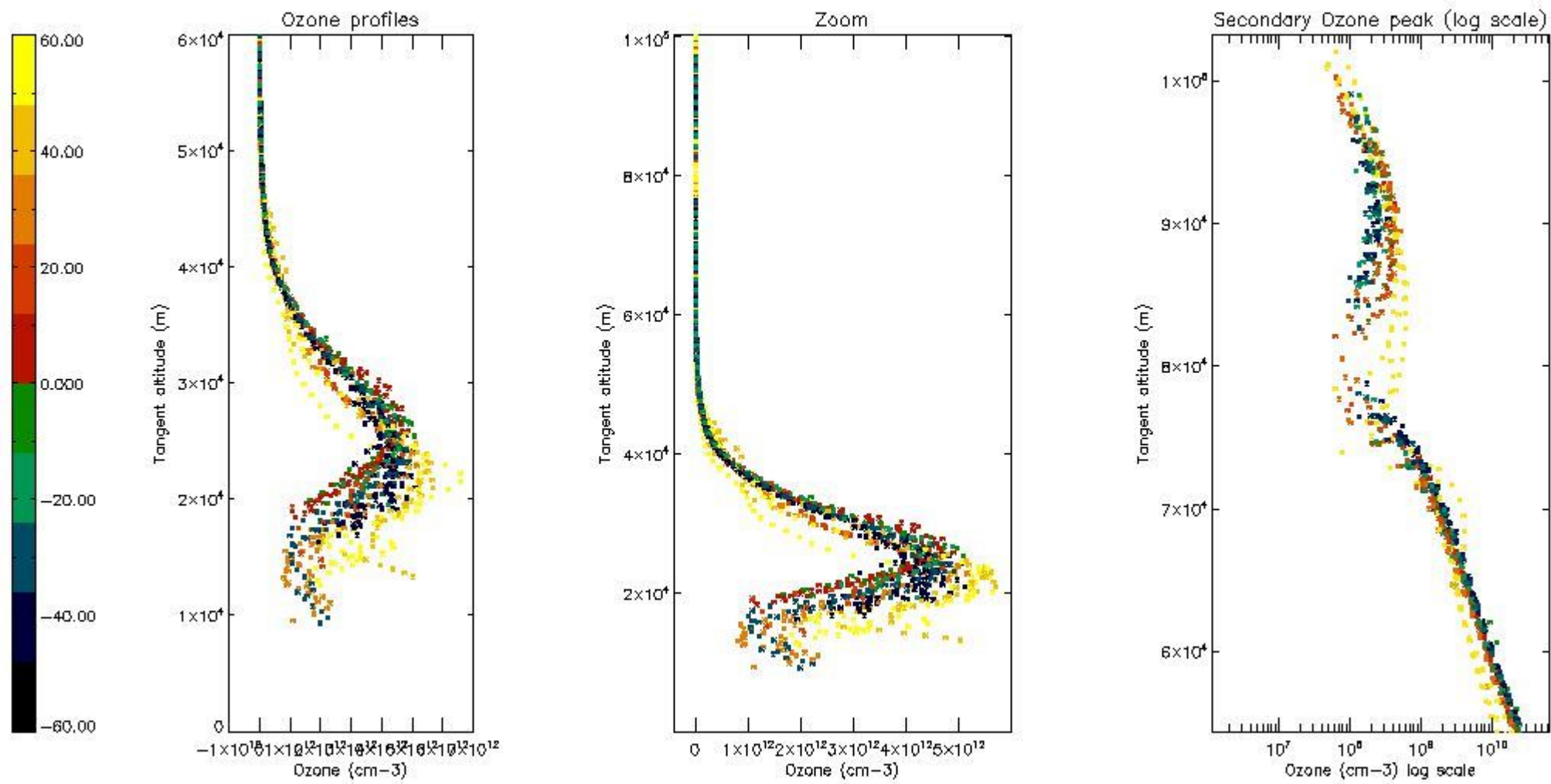
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



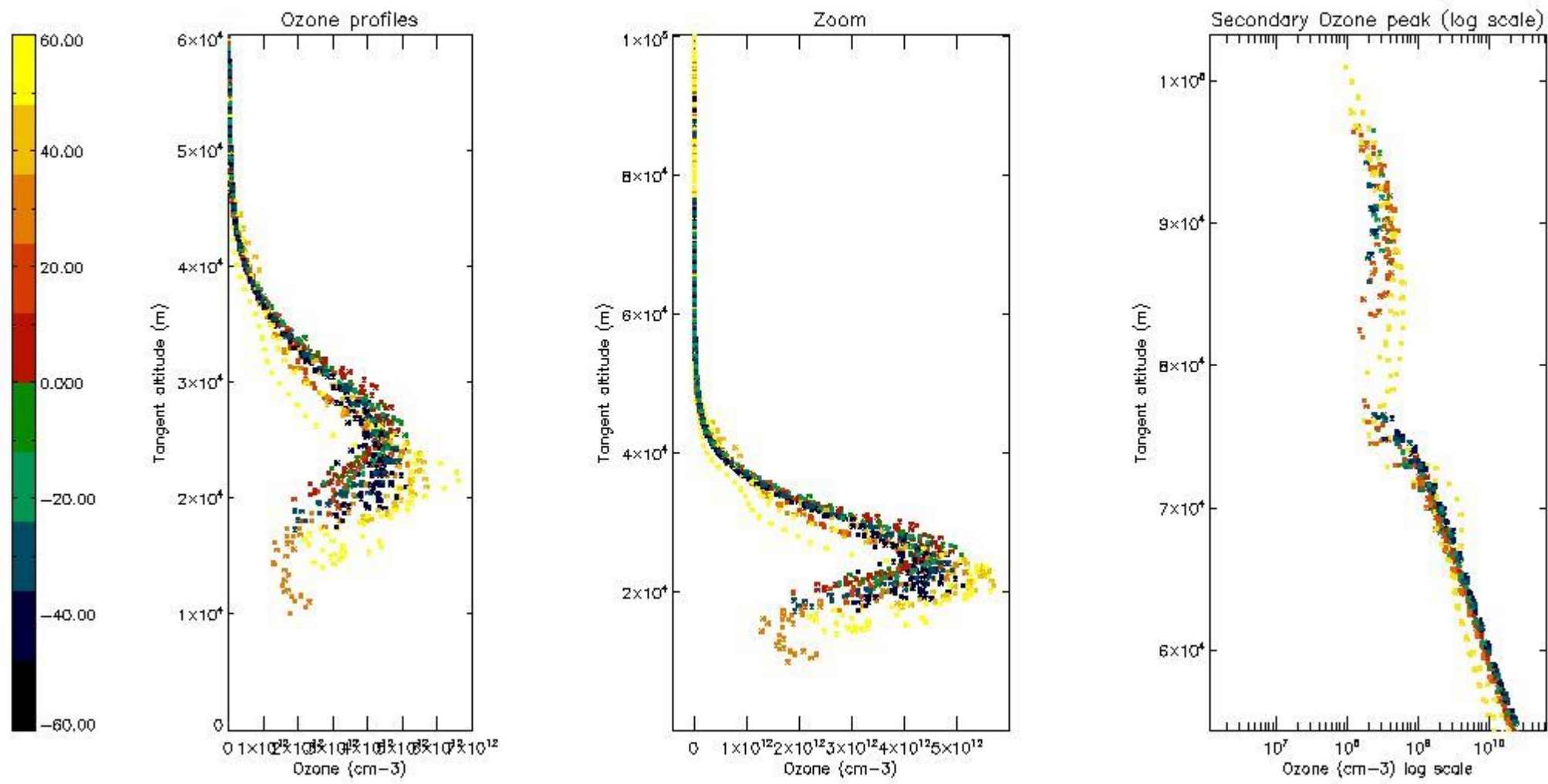
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



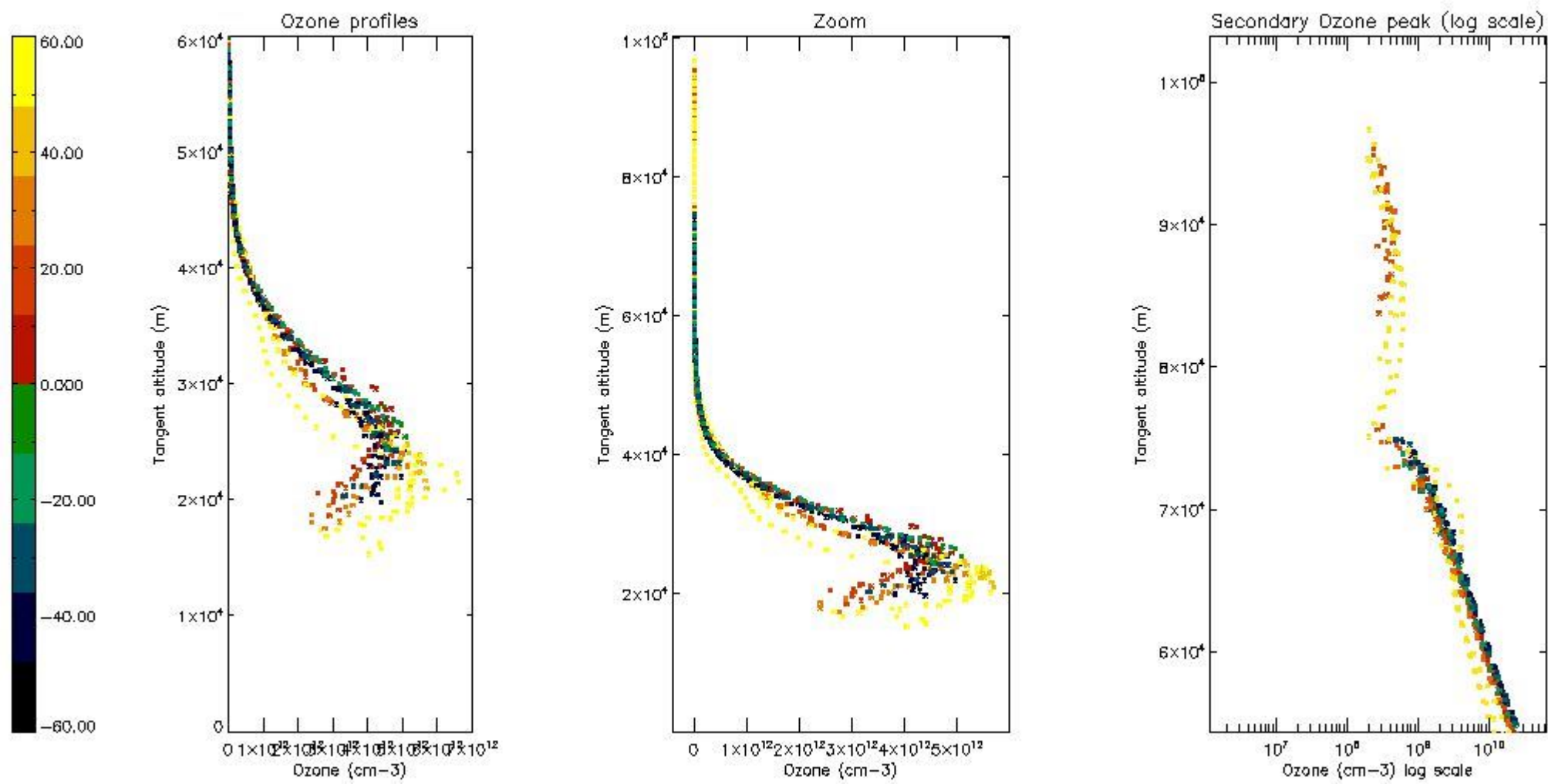
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



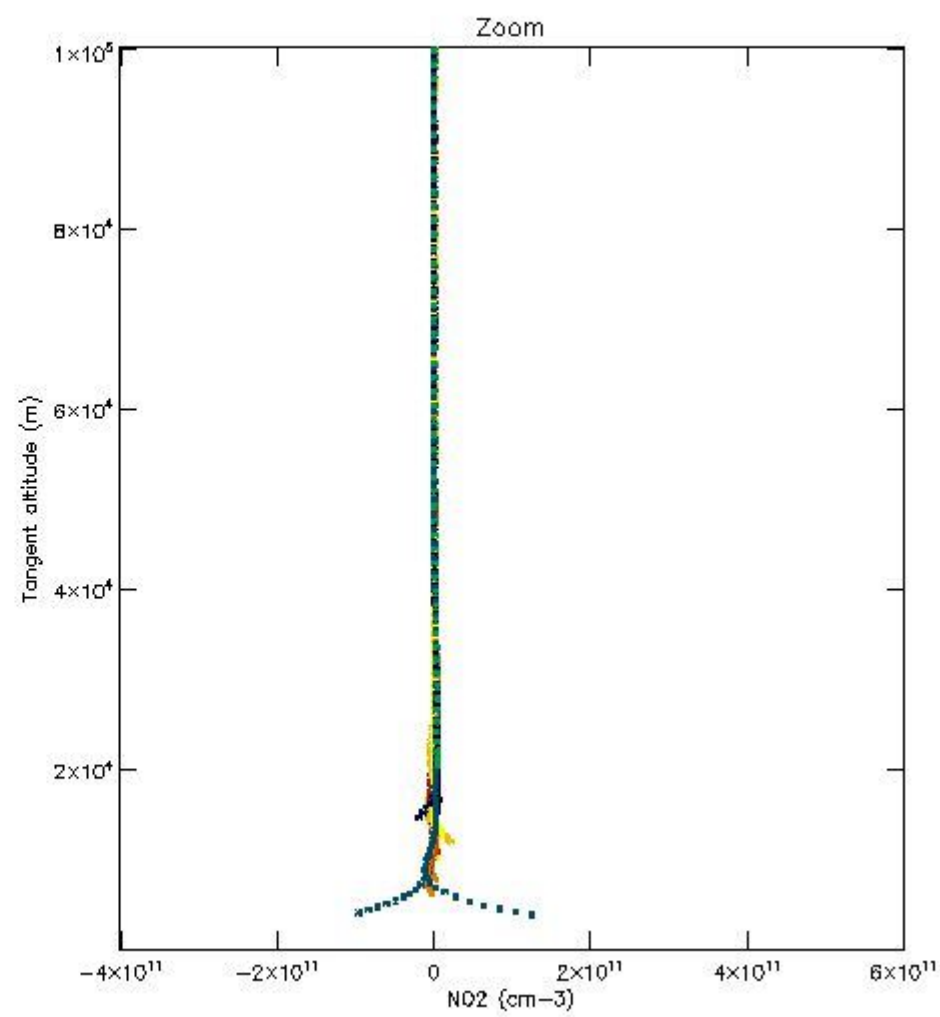
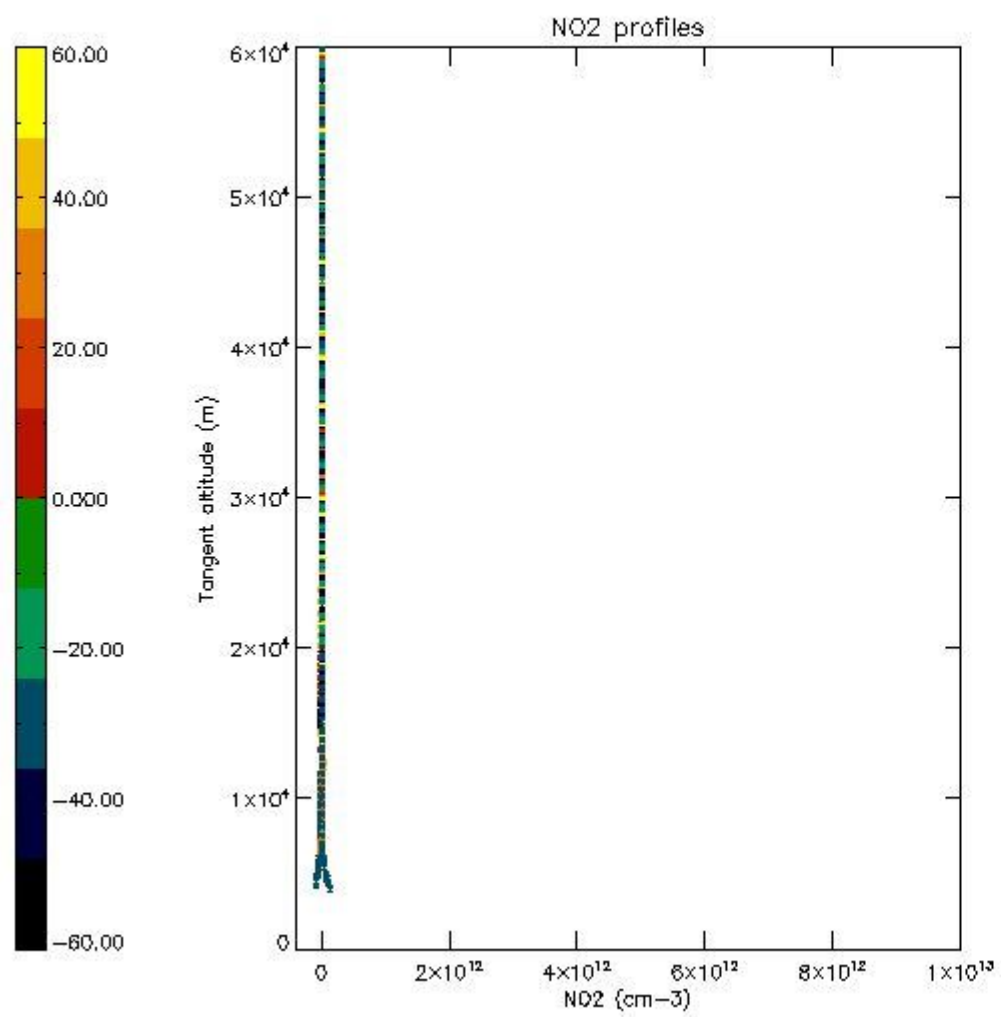
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



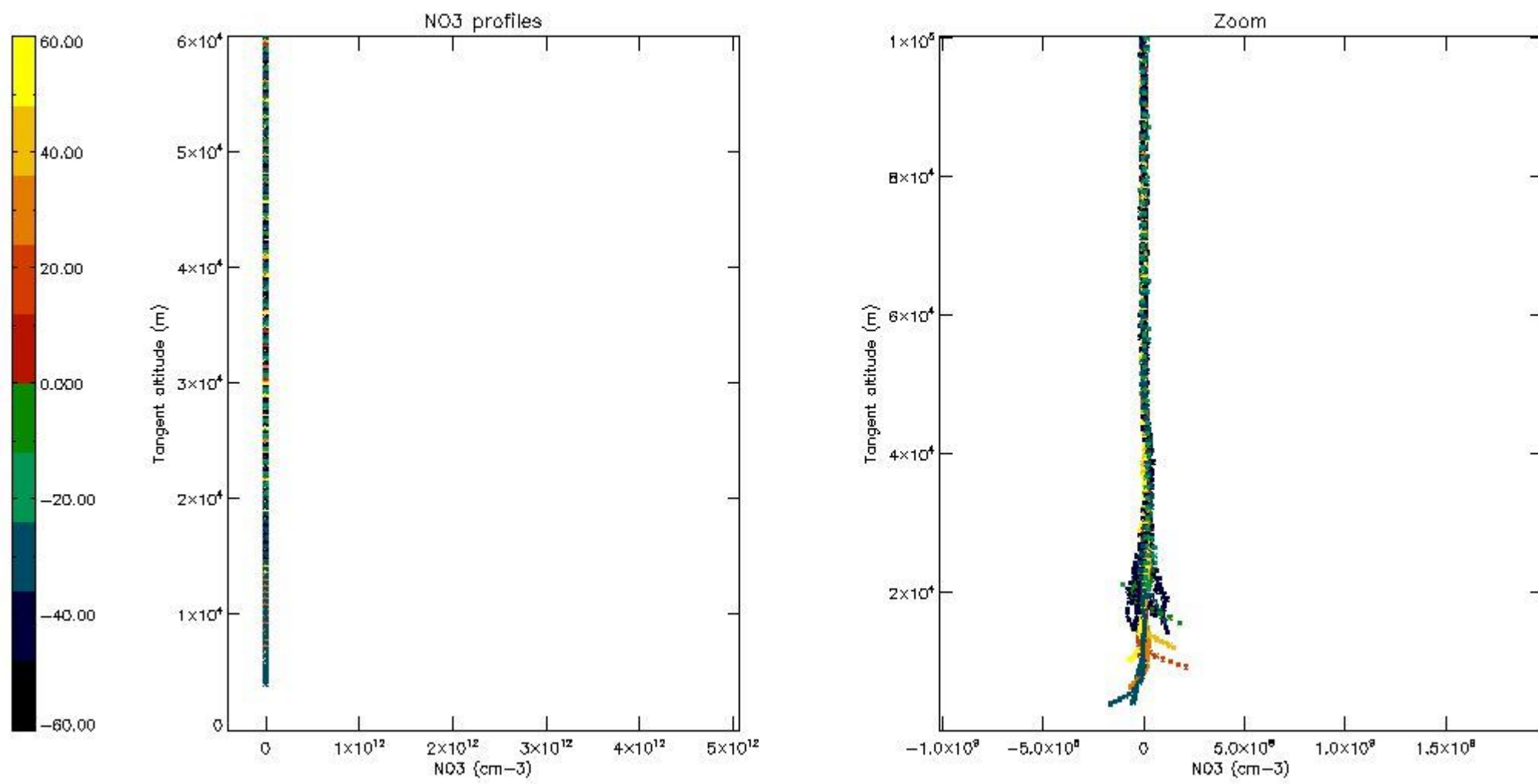
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



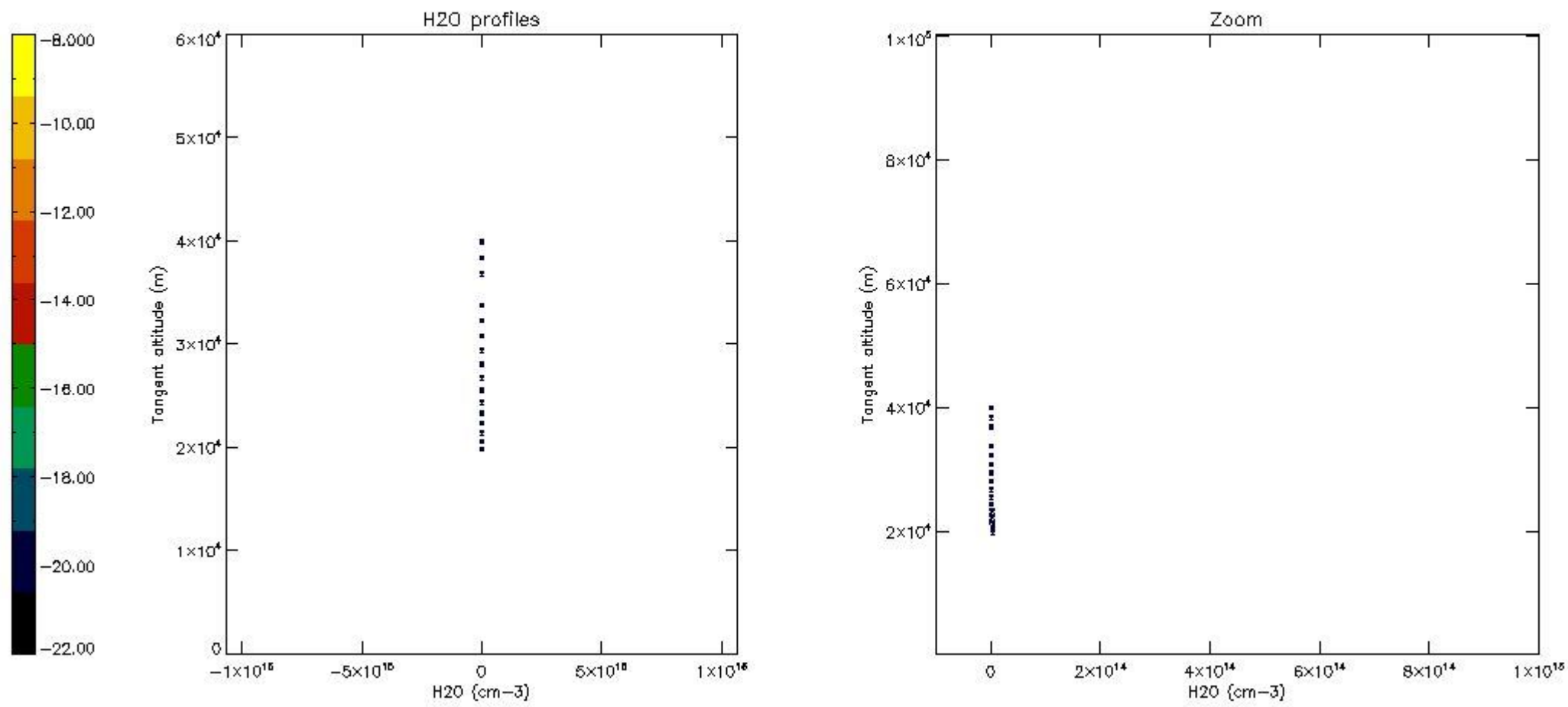
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

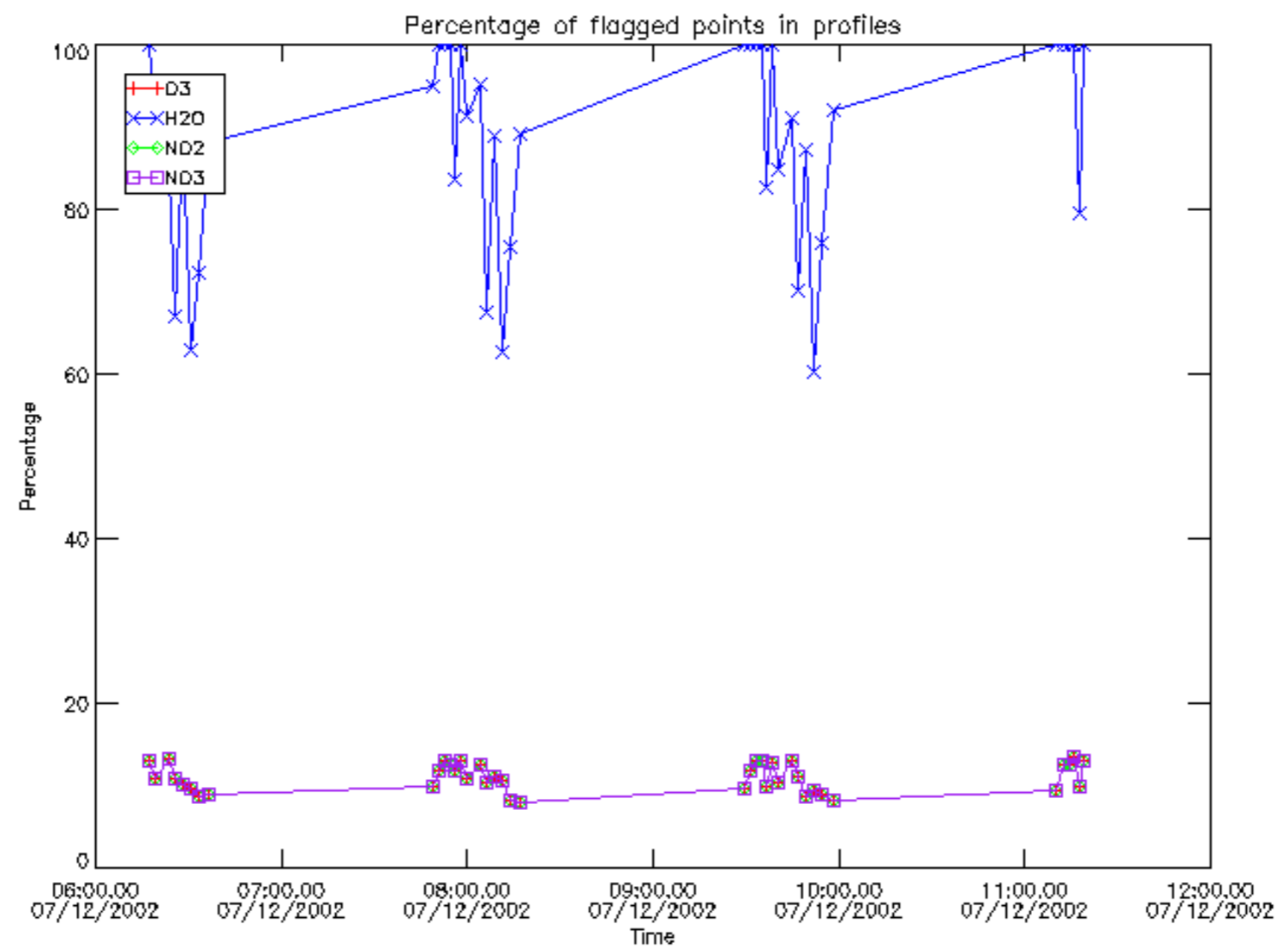
The colorbar represents the latitude.



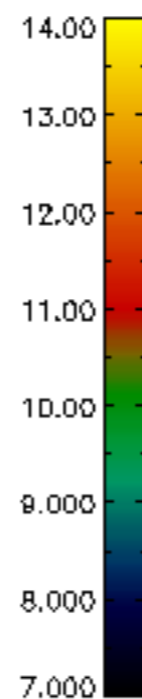
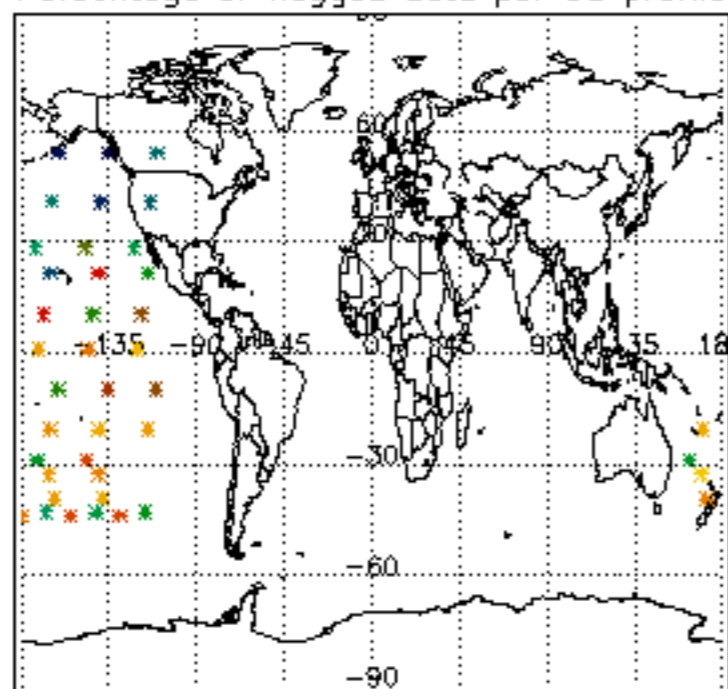
6. Auxiliary Data Files used for the production reported in section 2

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.

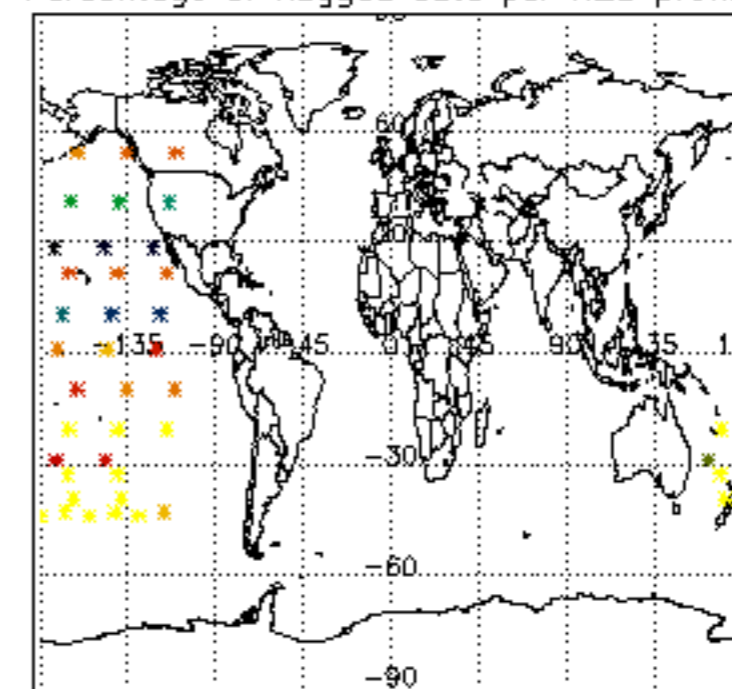
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150440_20020301_000000_20100101_000000	1	07-DEC-2002 06:17:22
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	07-DEC-2002 06:17:22
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	07-DEC-2002 06:17:22



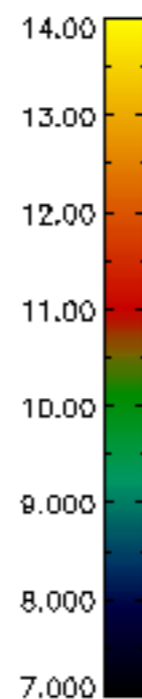
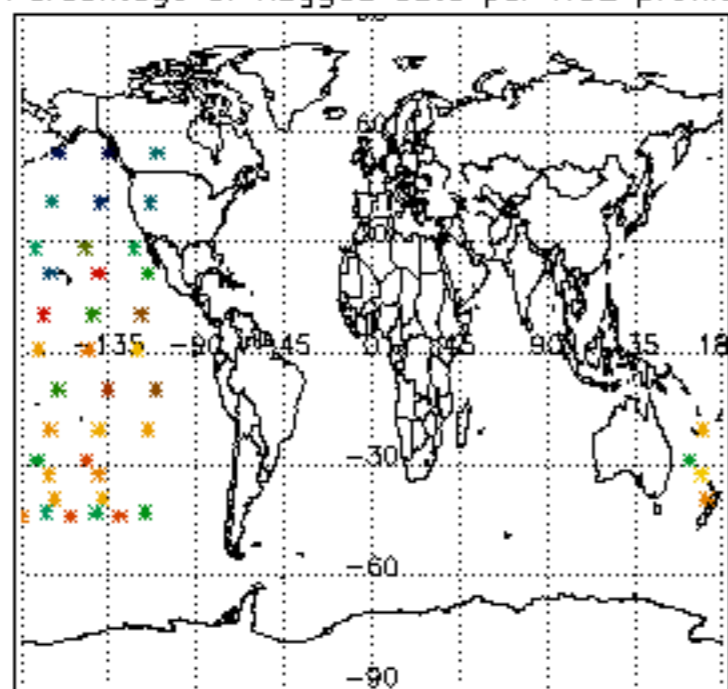
Percentage of flagged data per D3 profile



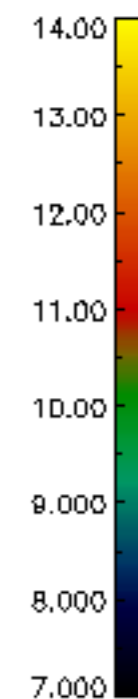
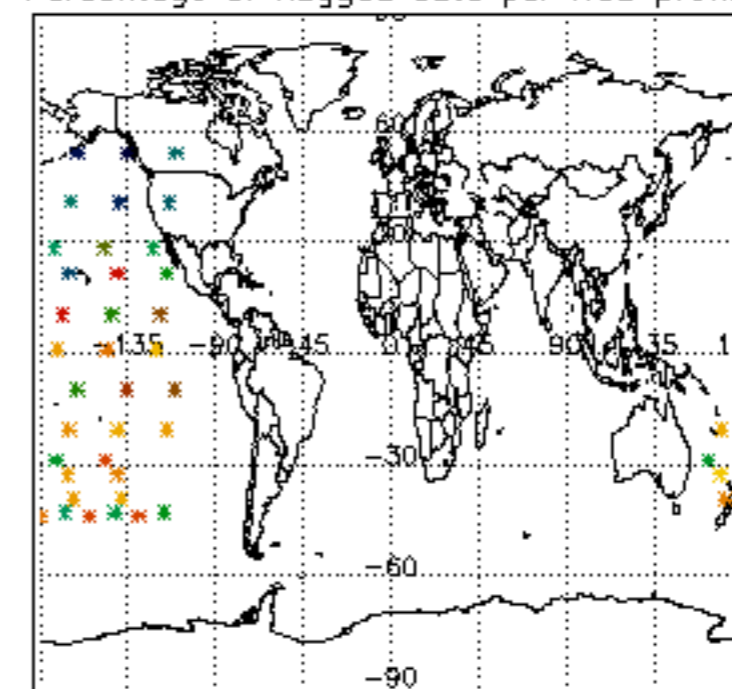
Percentage of flagged data per H2O profile

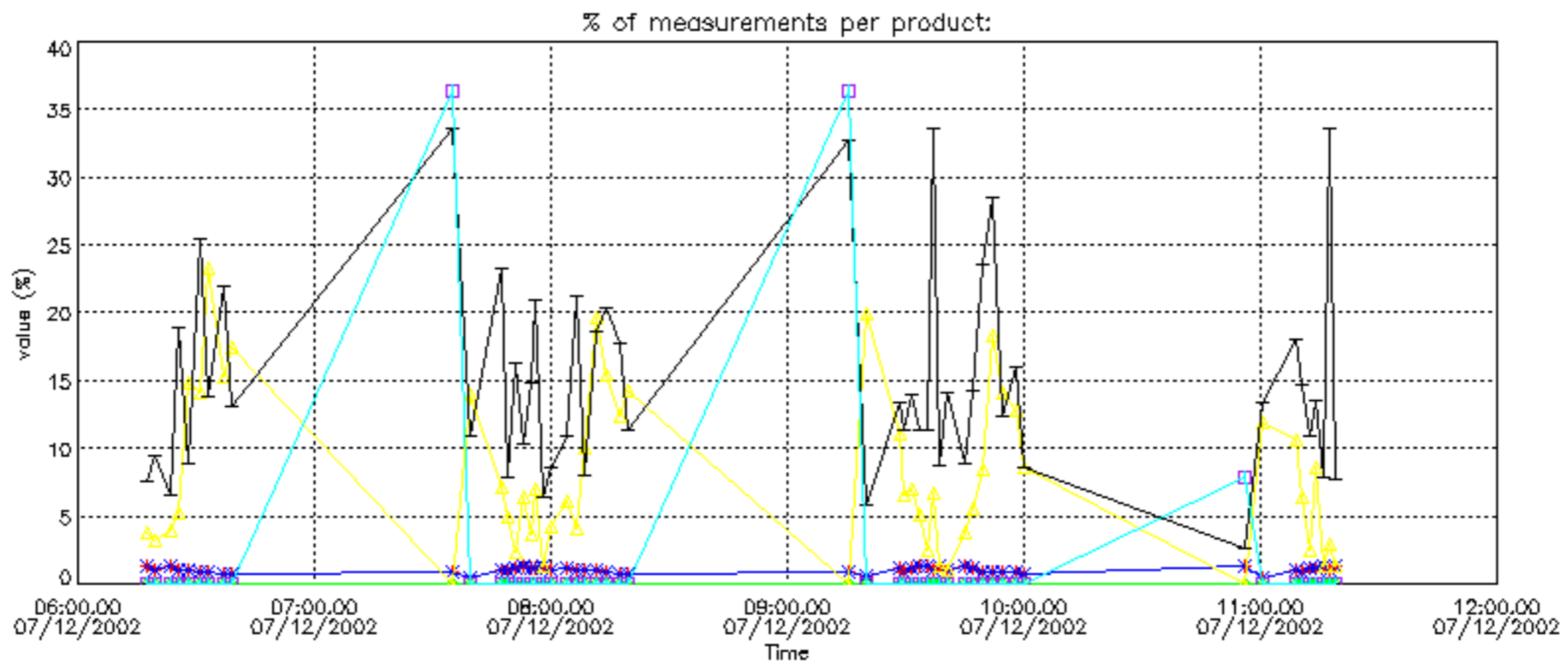


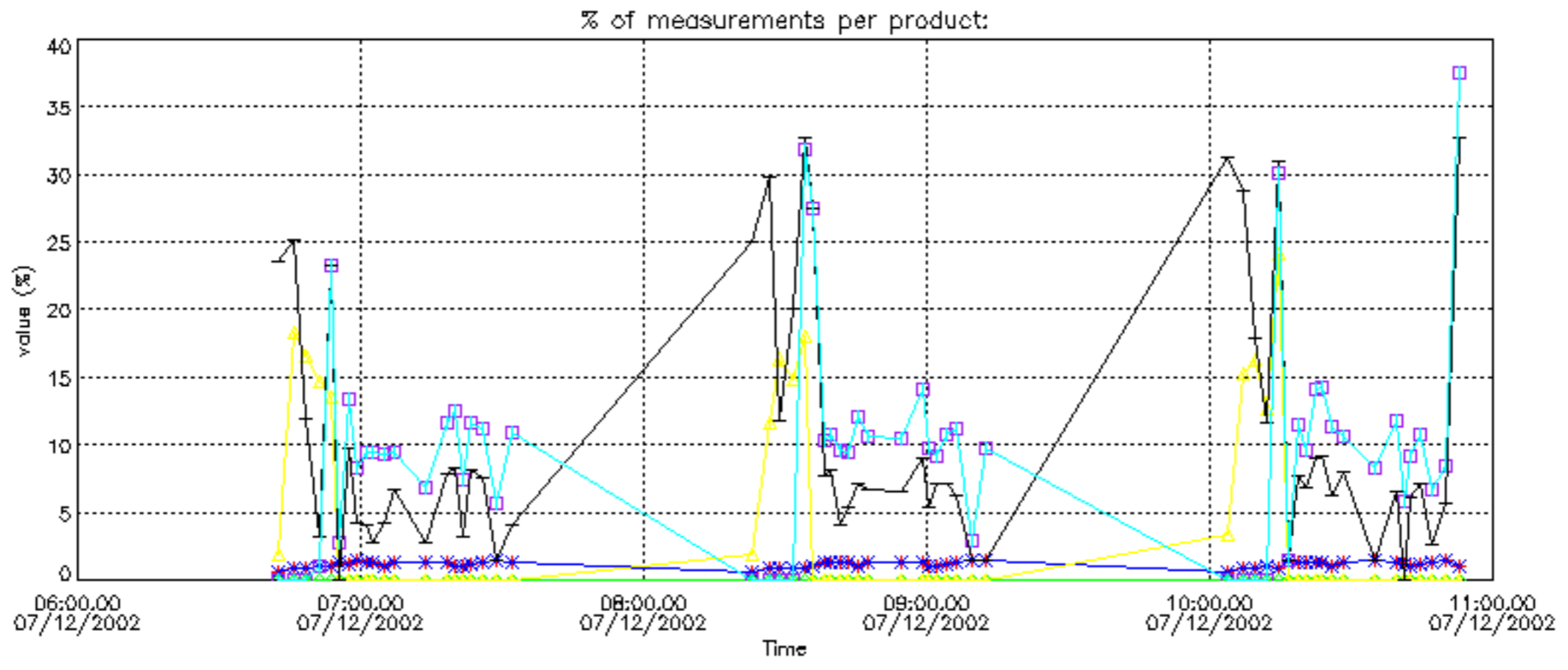
Percentage of flagged data per NO2 profile



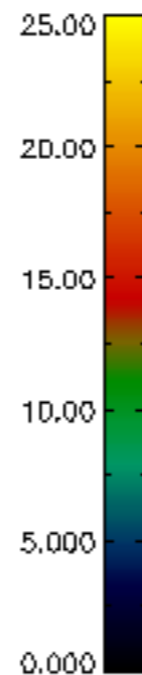
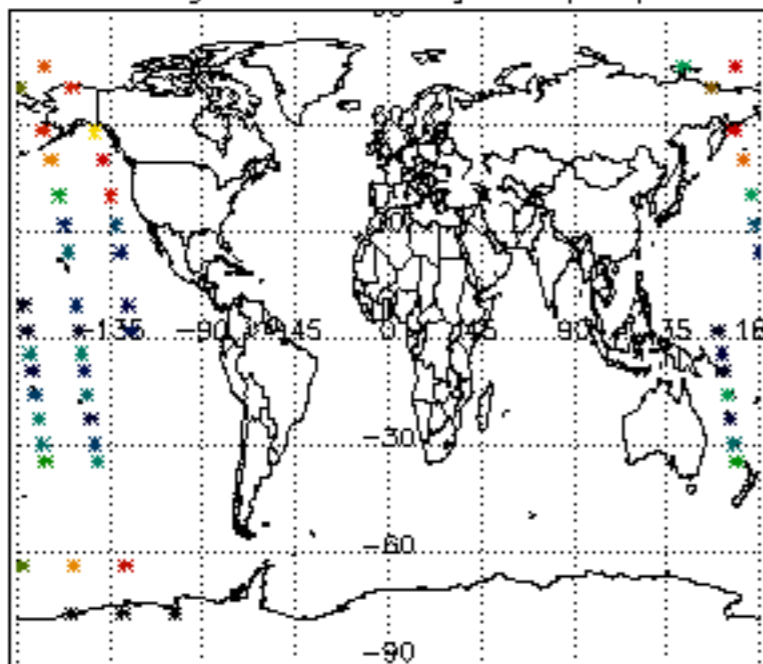
Percentage of flagged data per NO3 profile



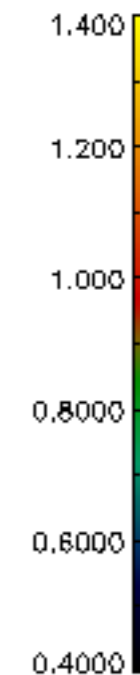
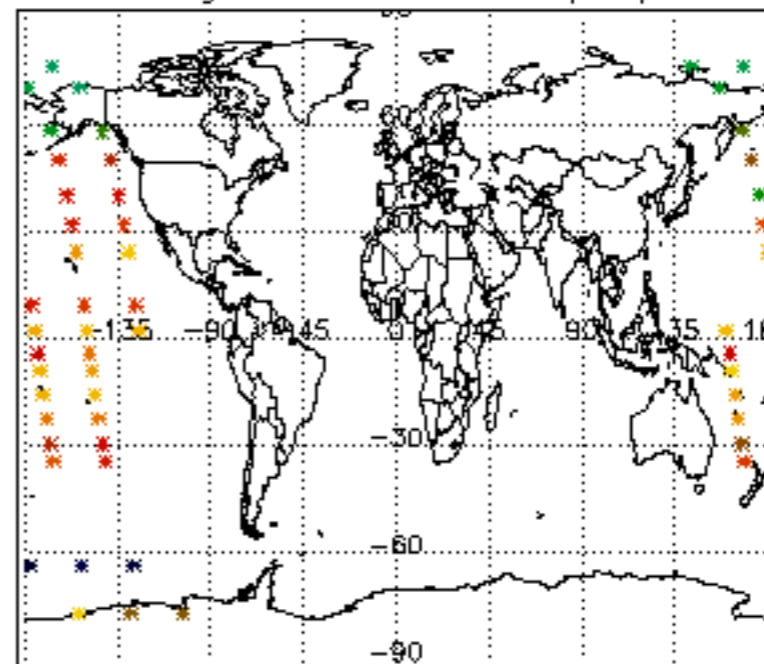




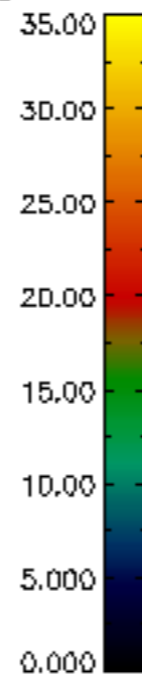
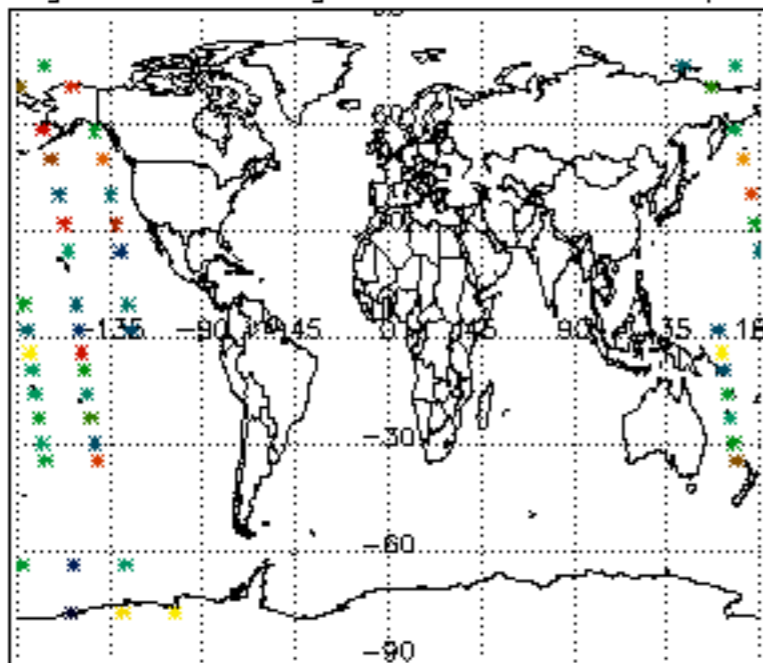
Percentage of cosmic ray hits per profile



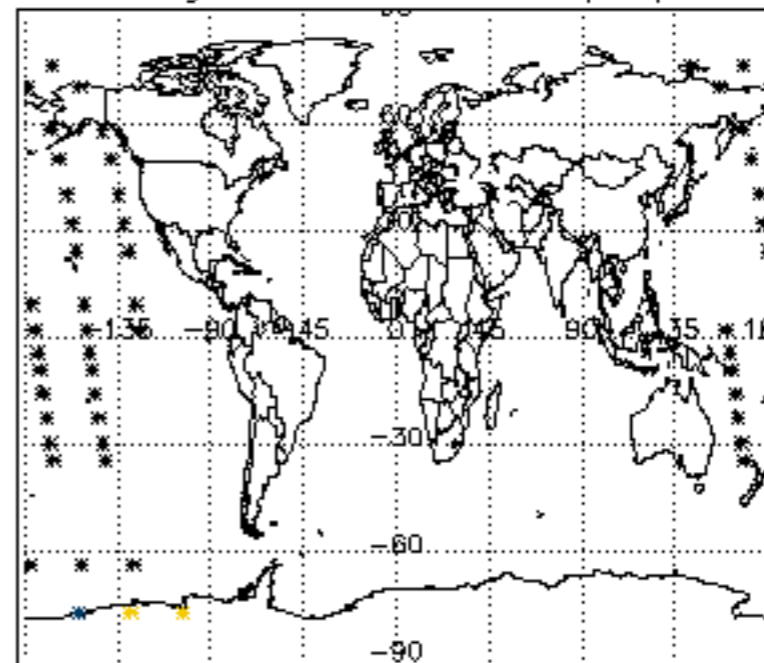
Percentage of datation errors per profile



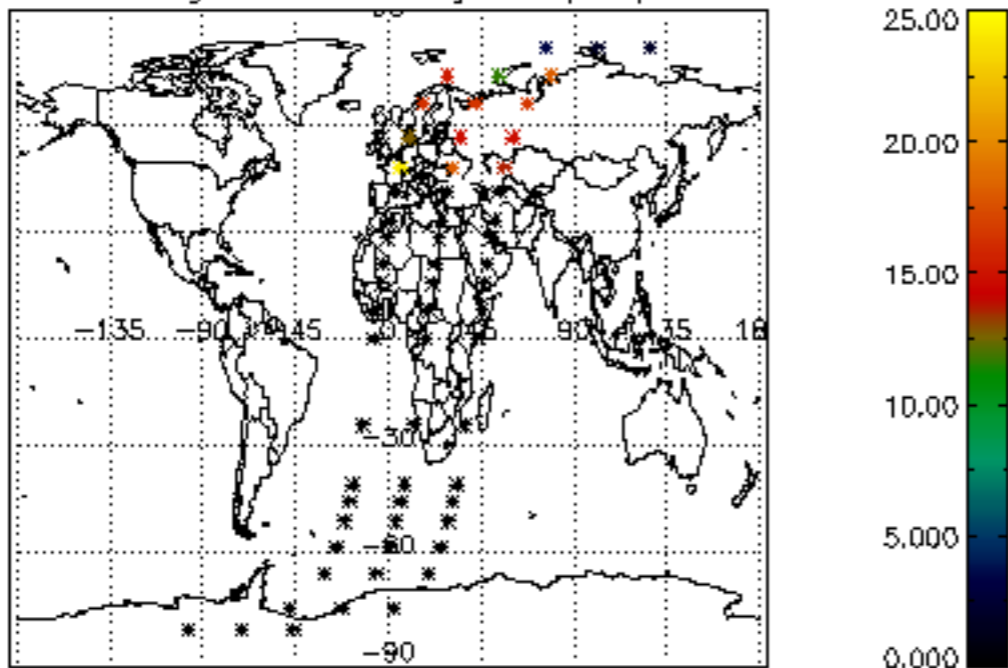
Percentage of star falling outside central band per profile



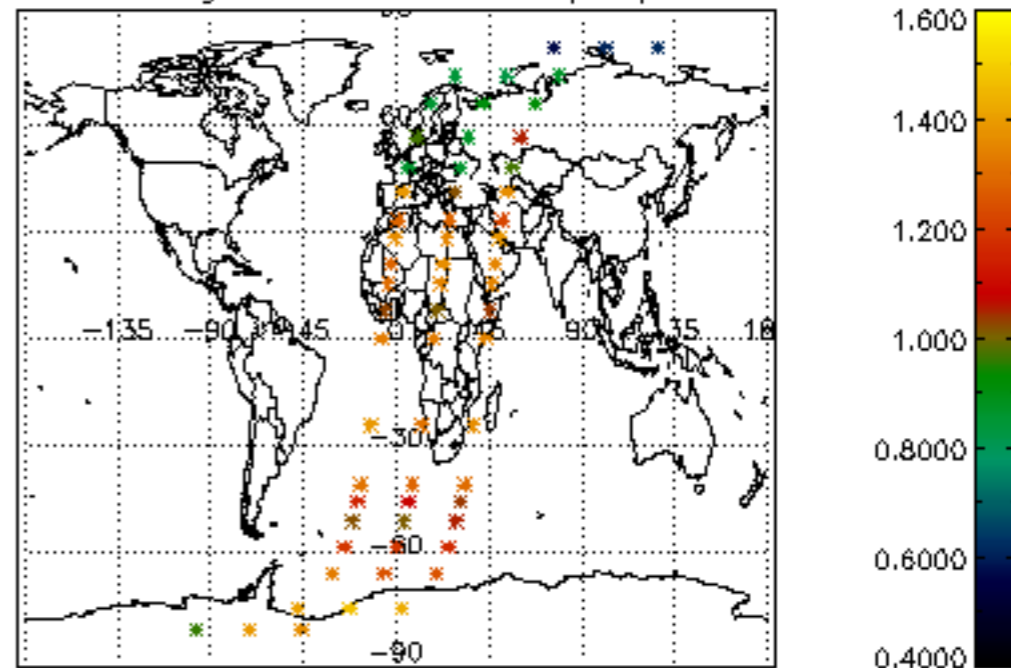
Percentage of saturation errors per profile



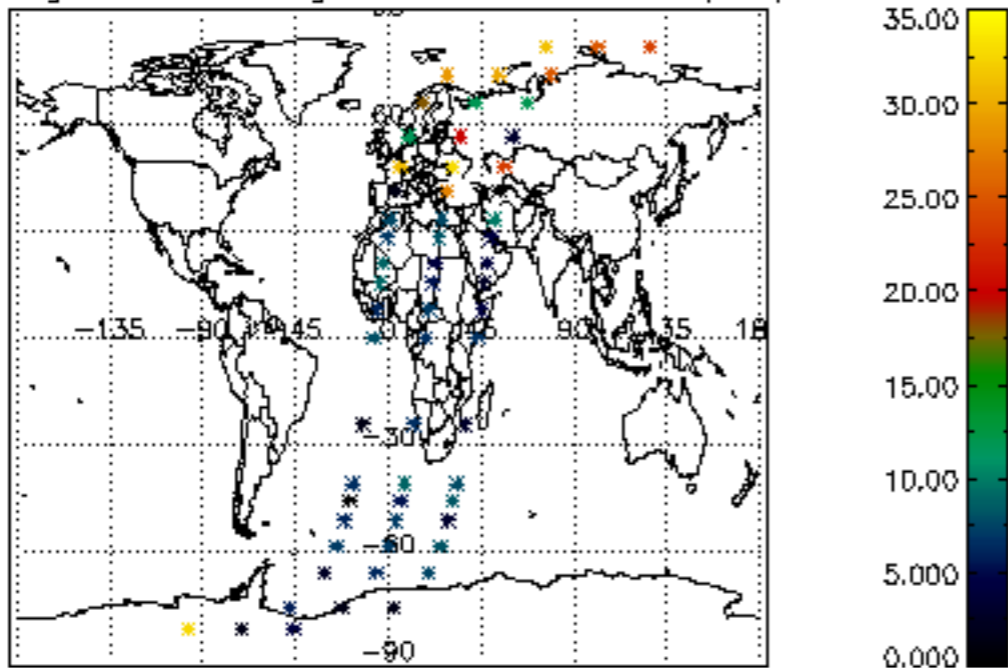
Percentage of cosmic ray hits per profile



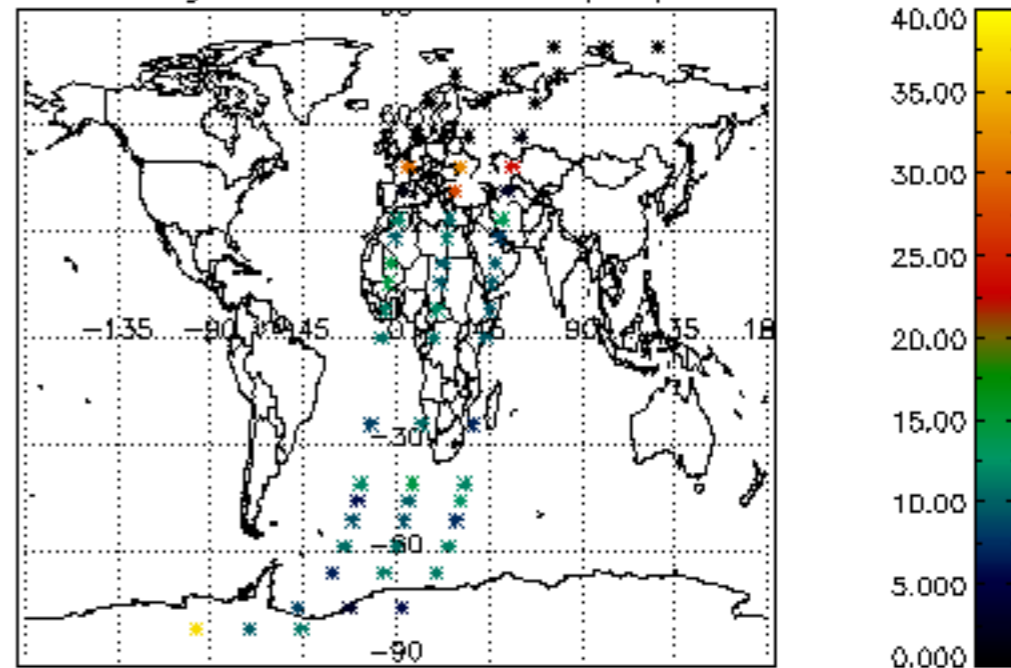
Percentage of datation errors per profile

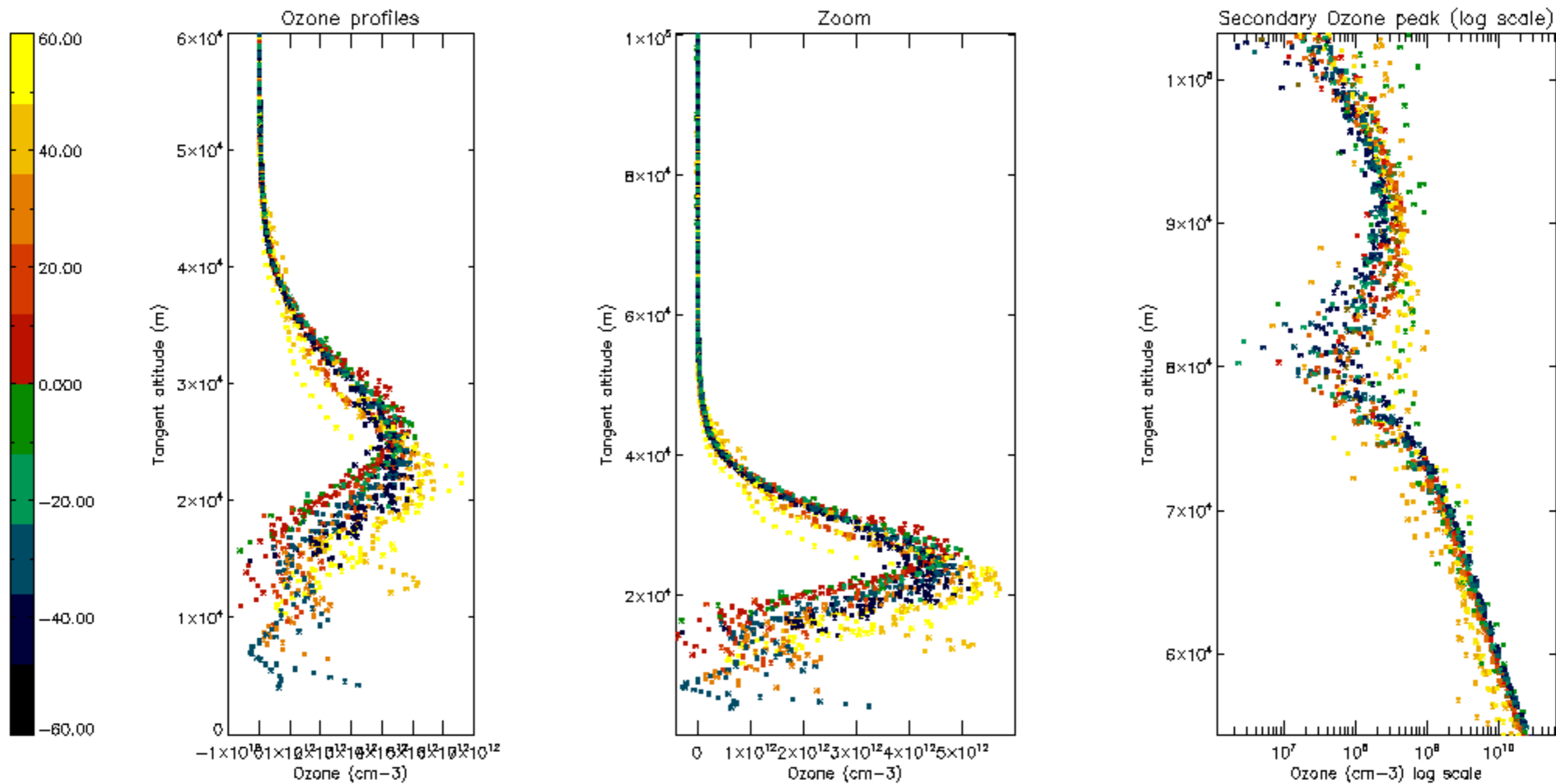


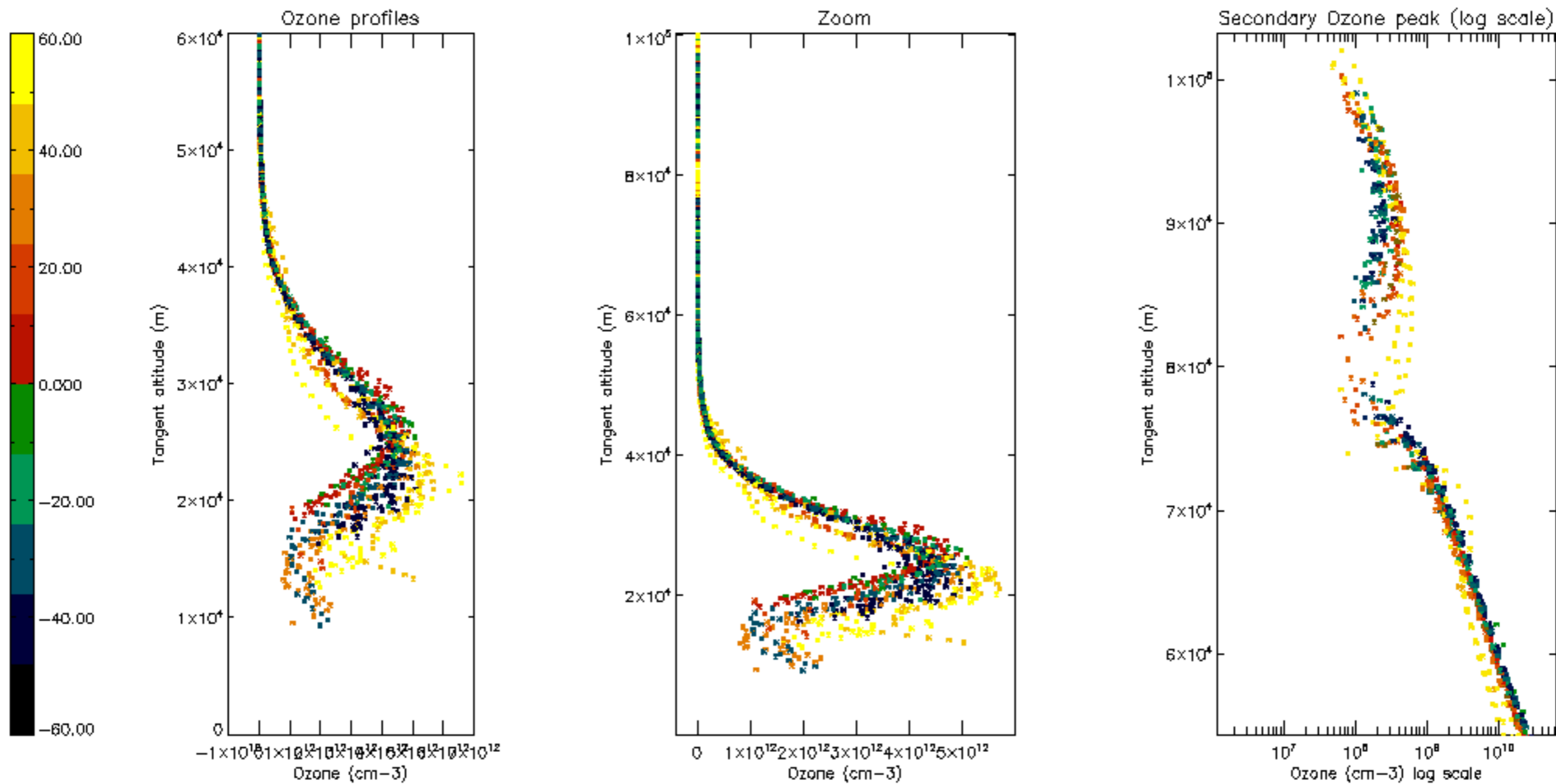
Percentage of star falling outside central band per profile

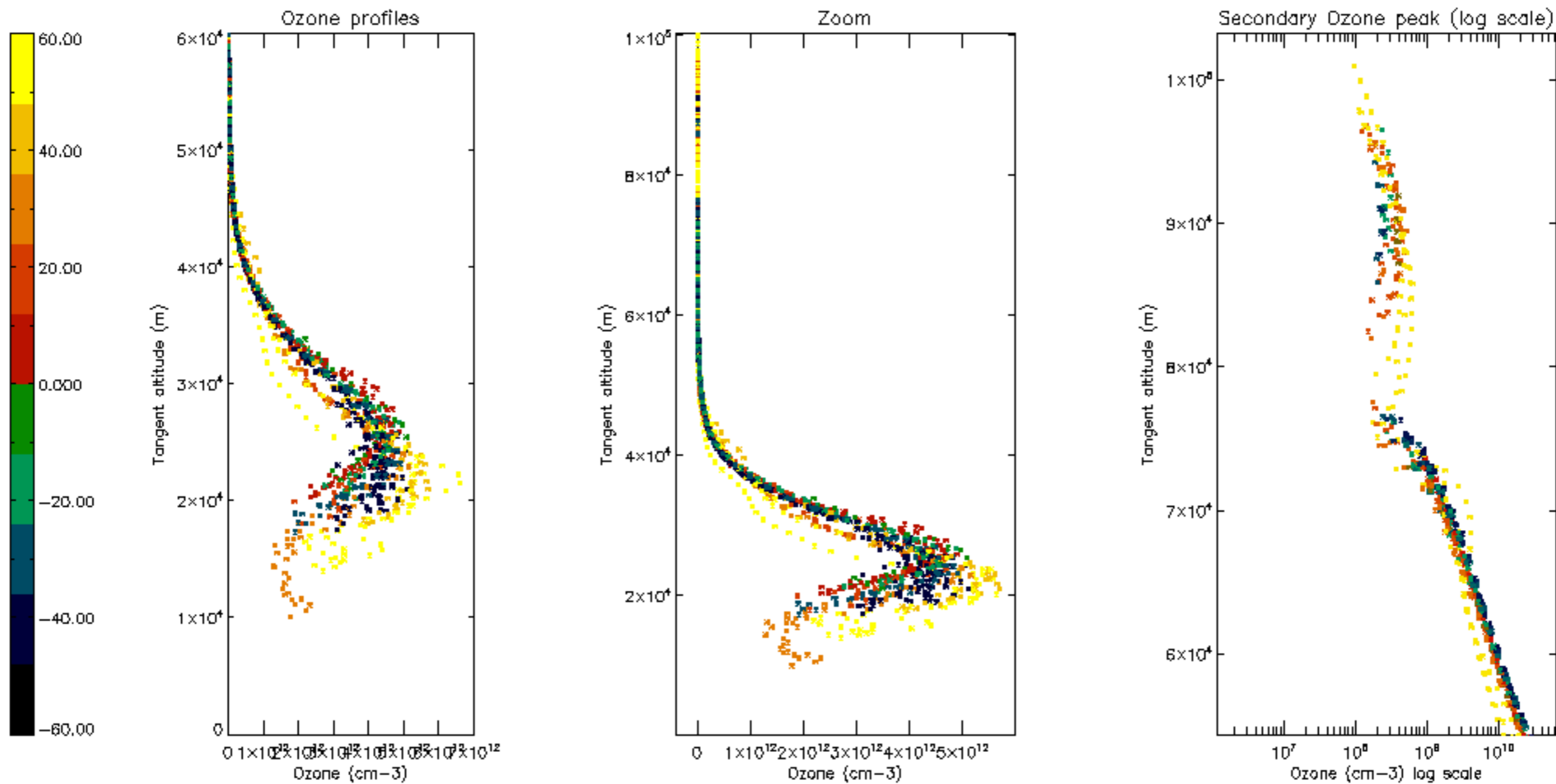


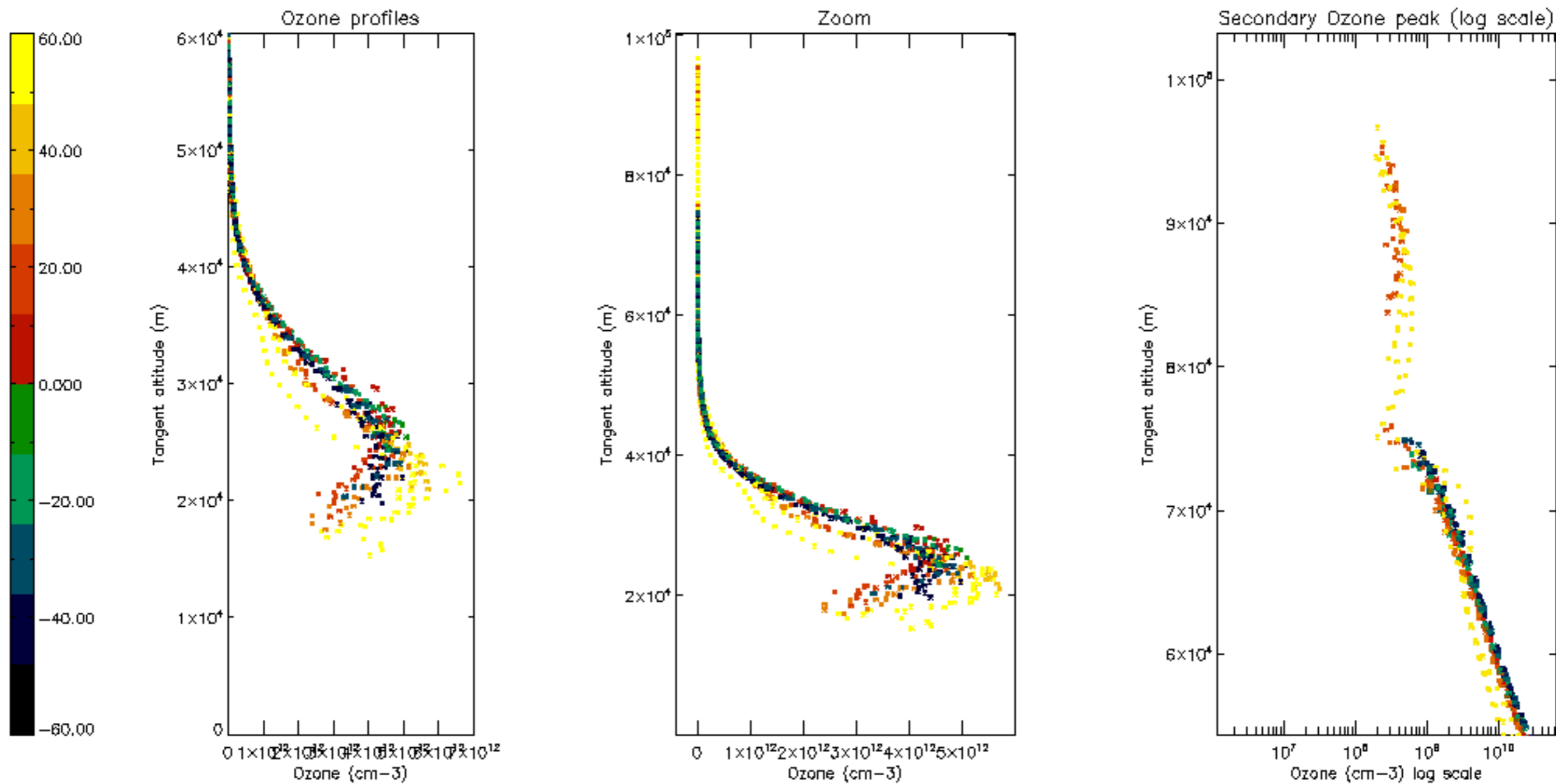
Percentage of saturation errors per profile

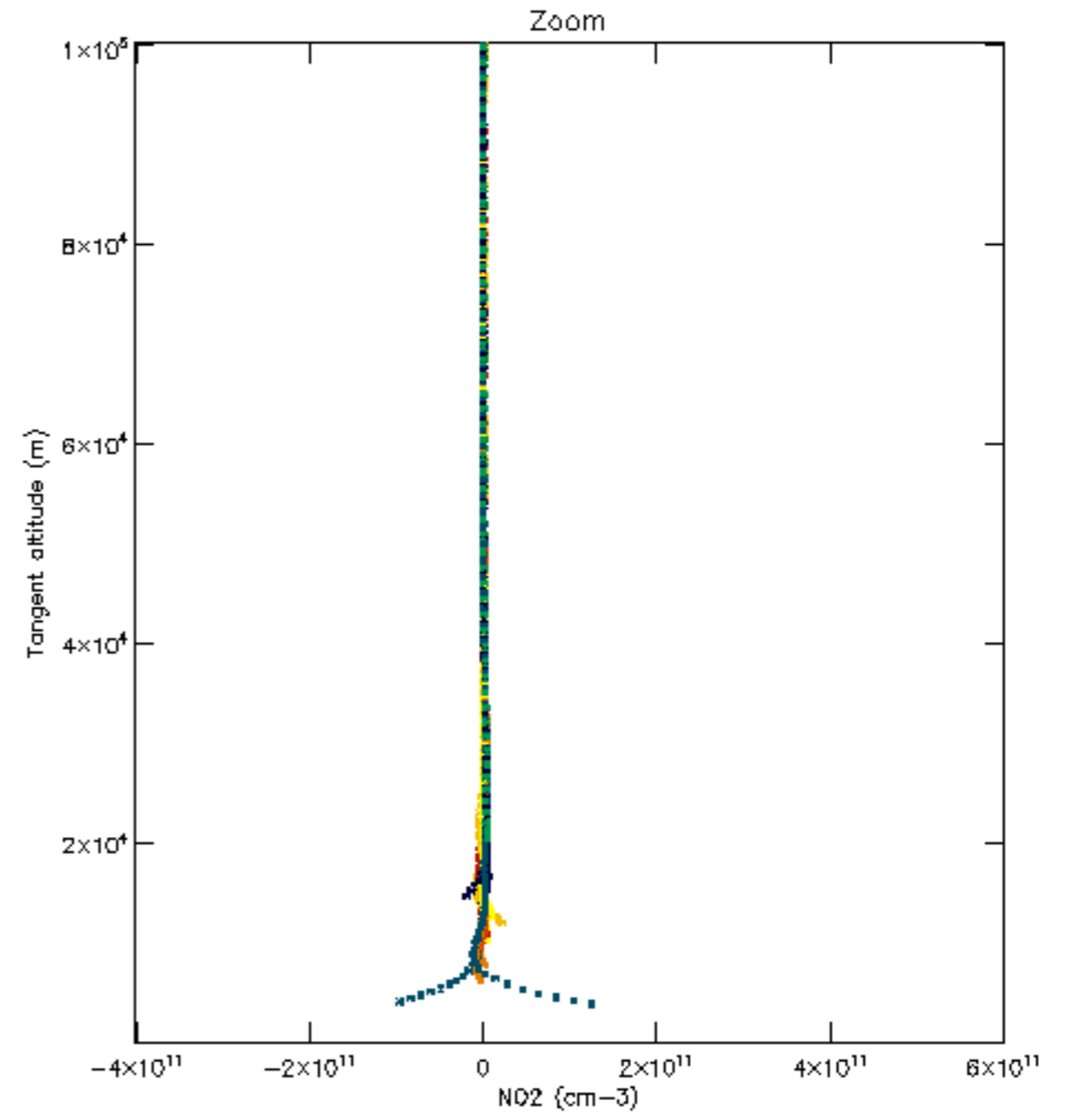
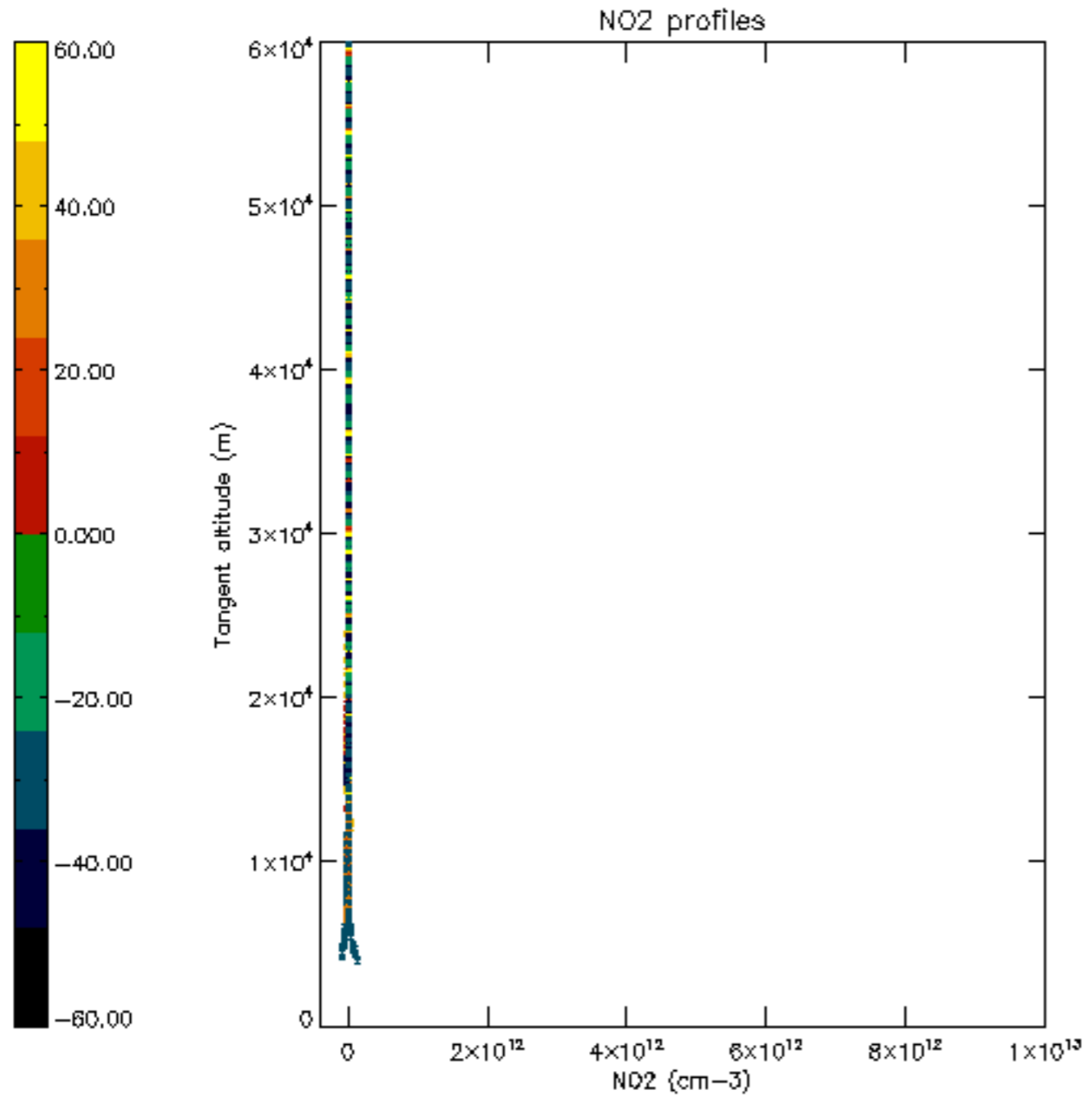


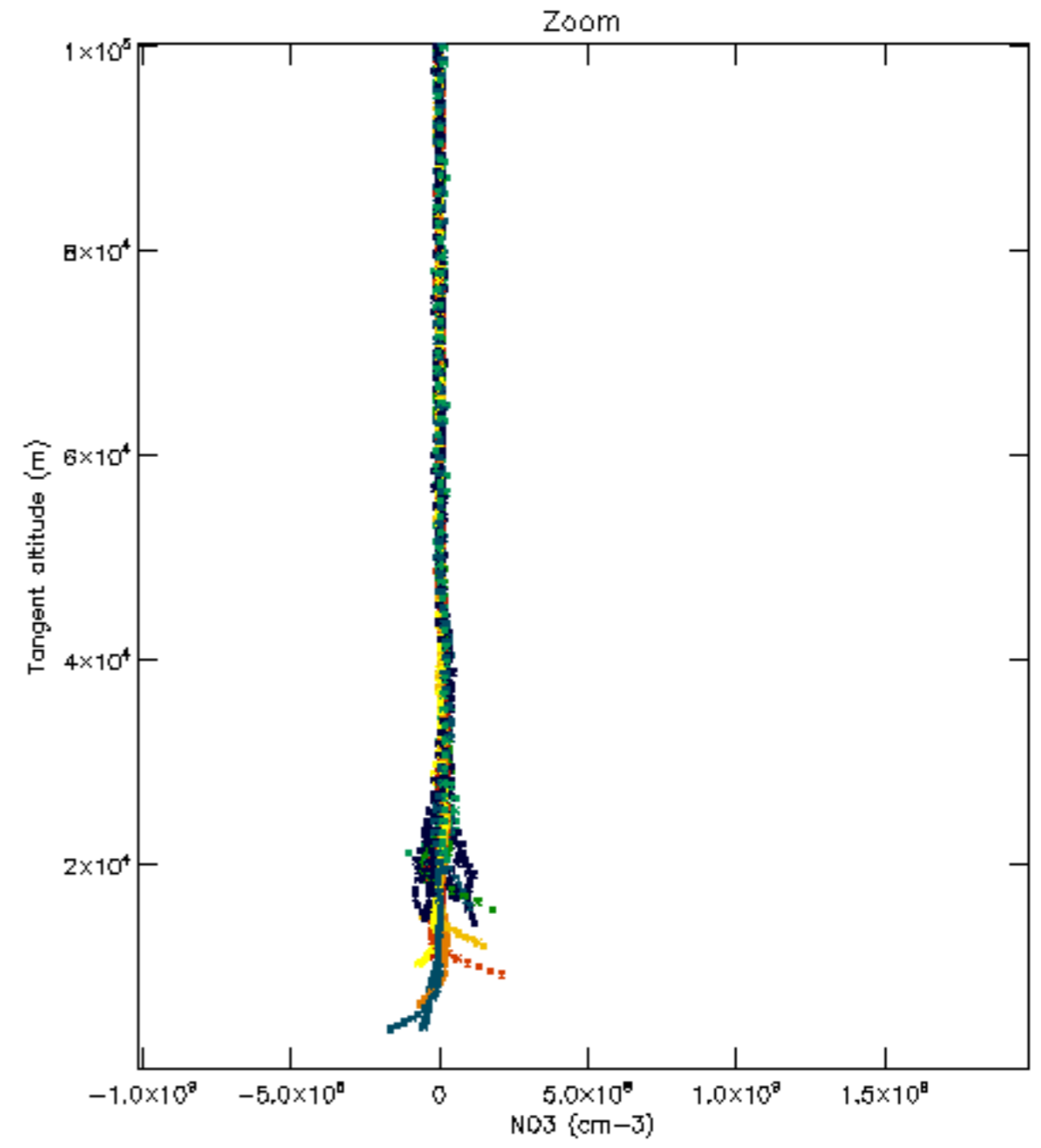
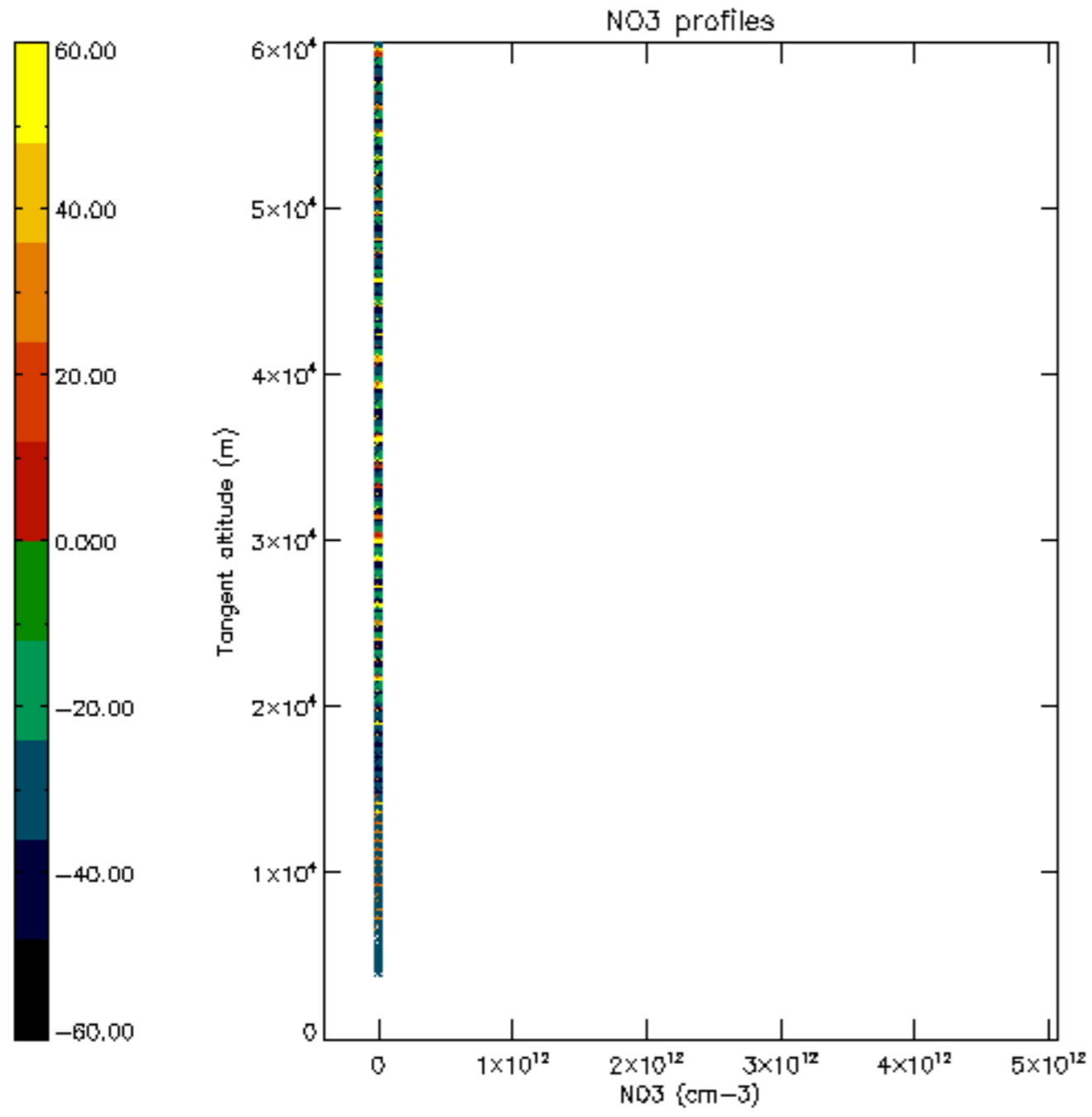


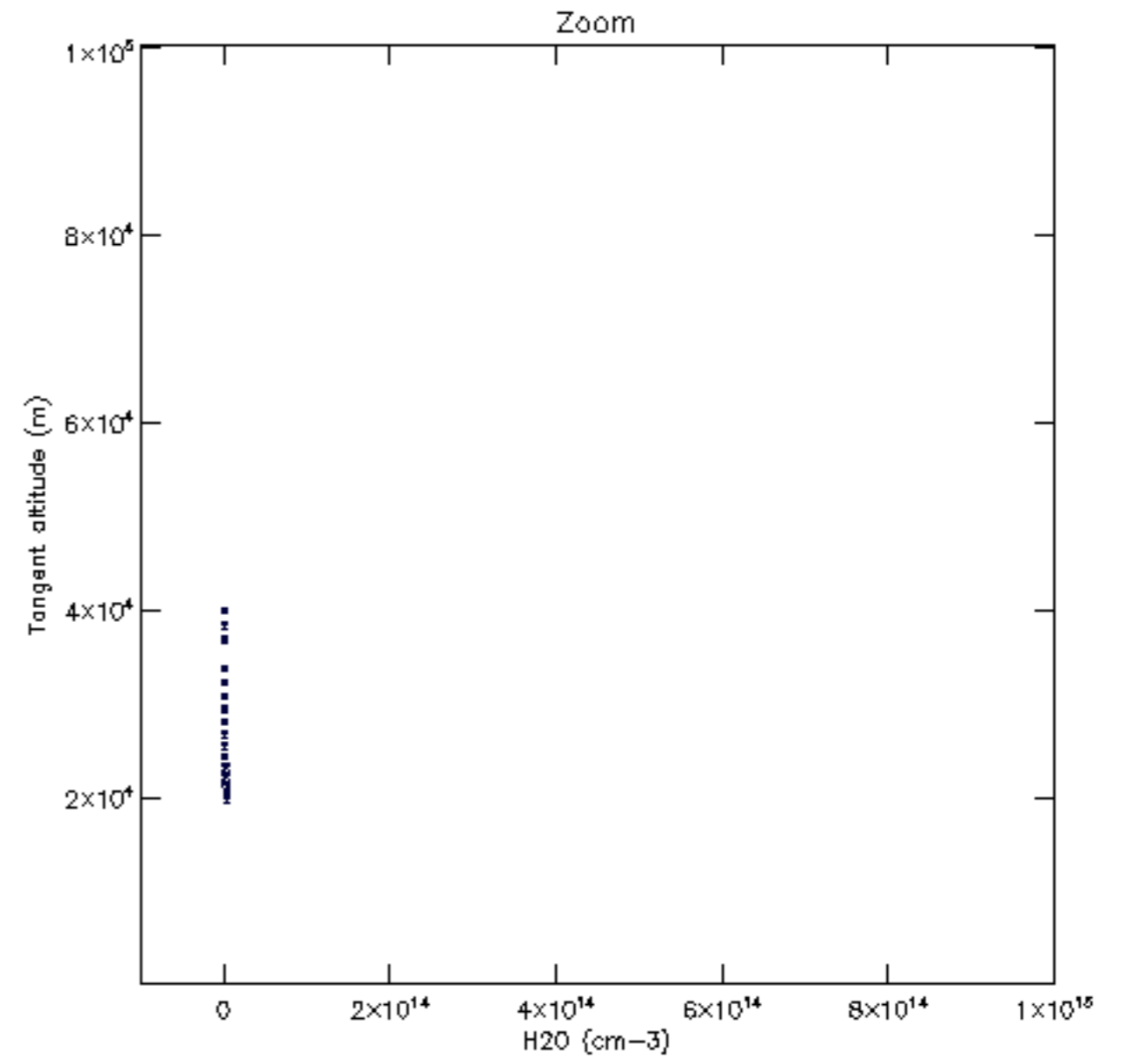
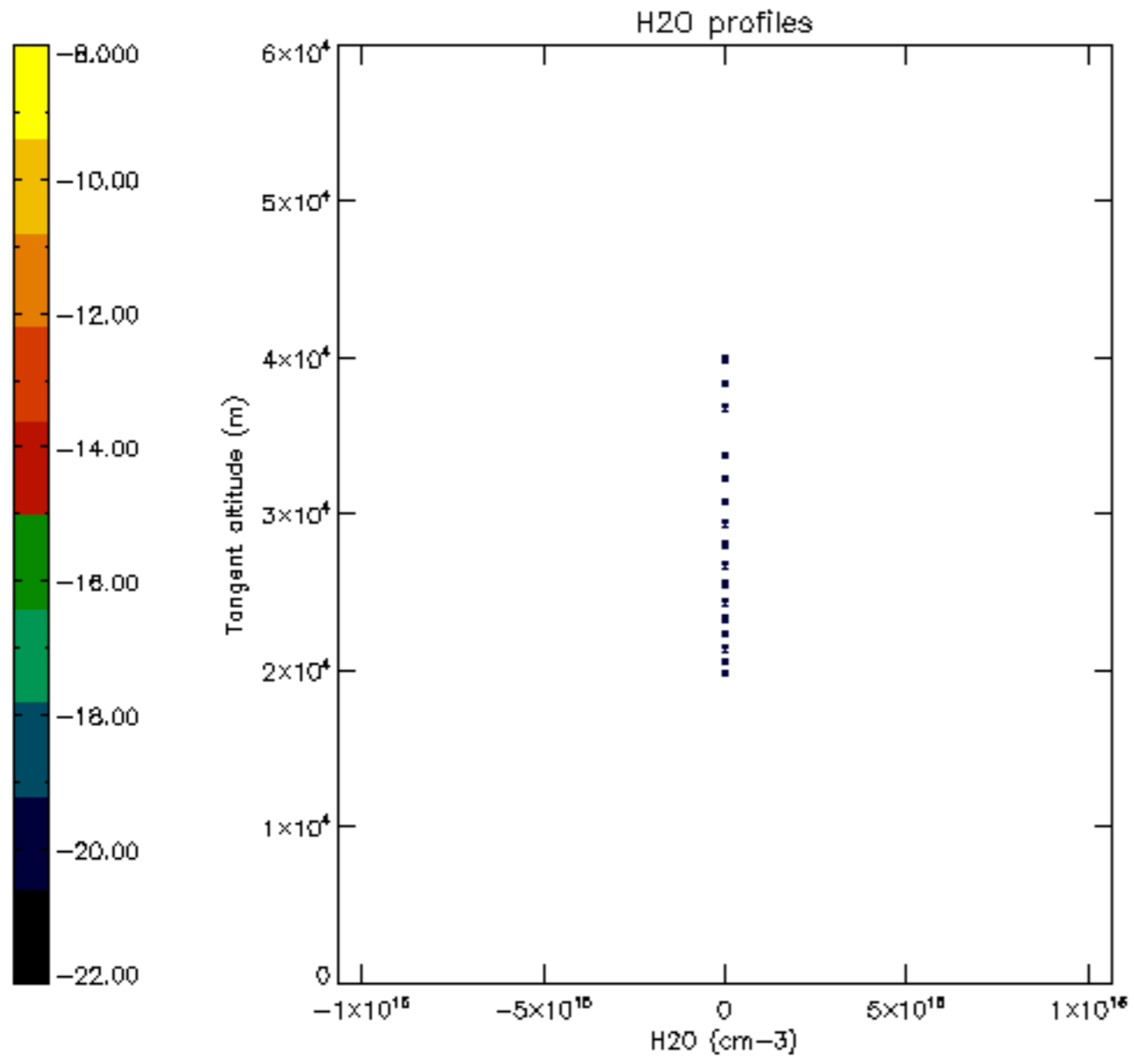


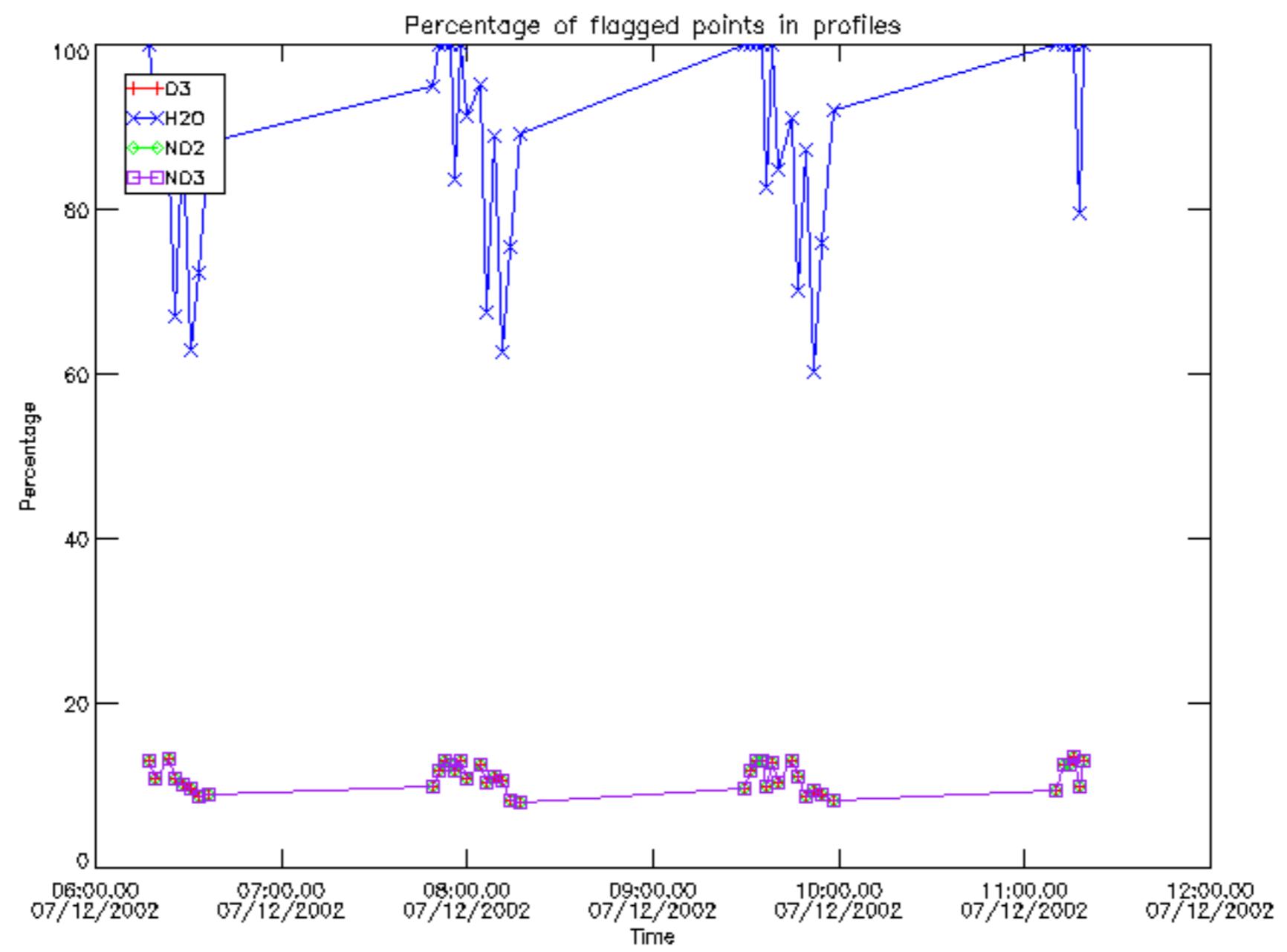




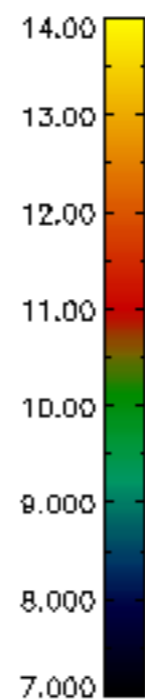
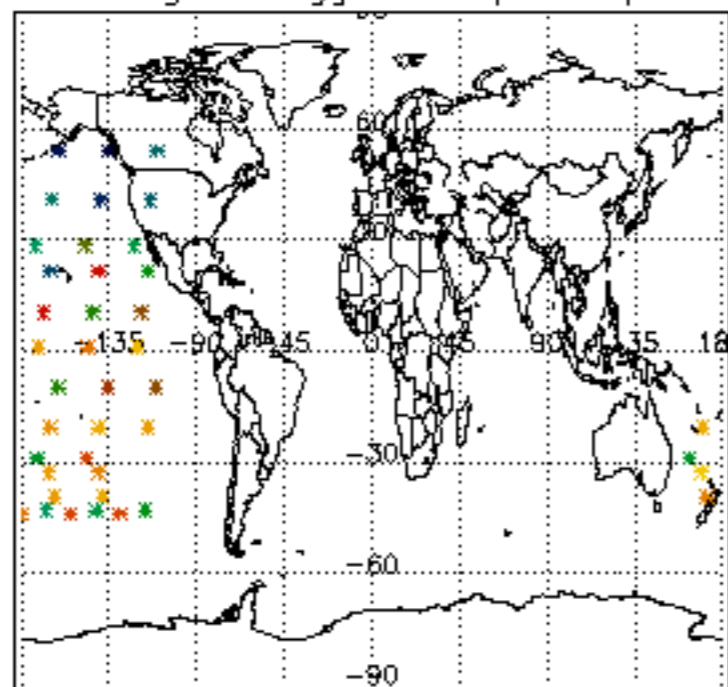




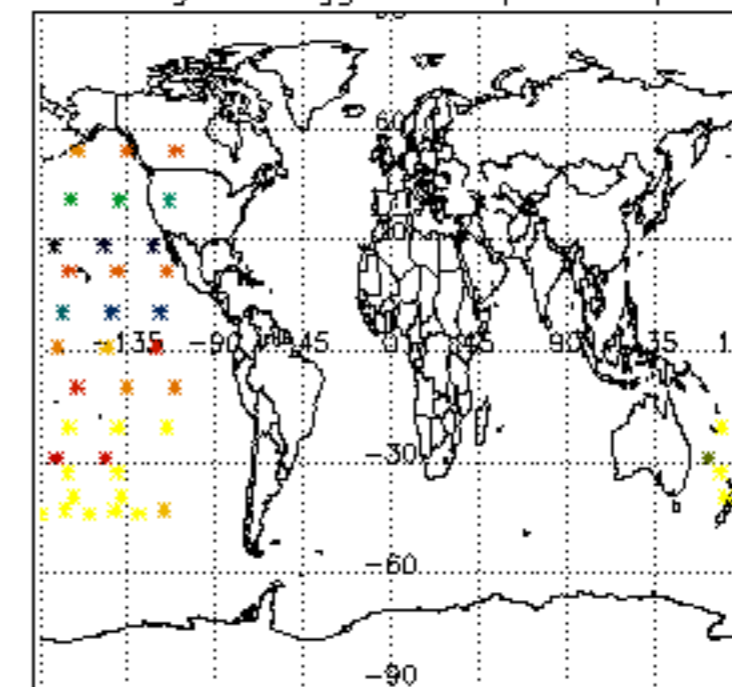




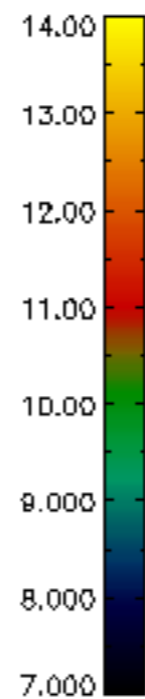
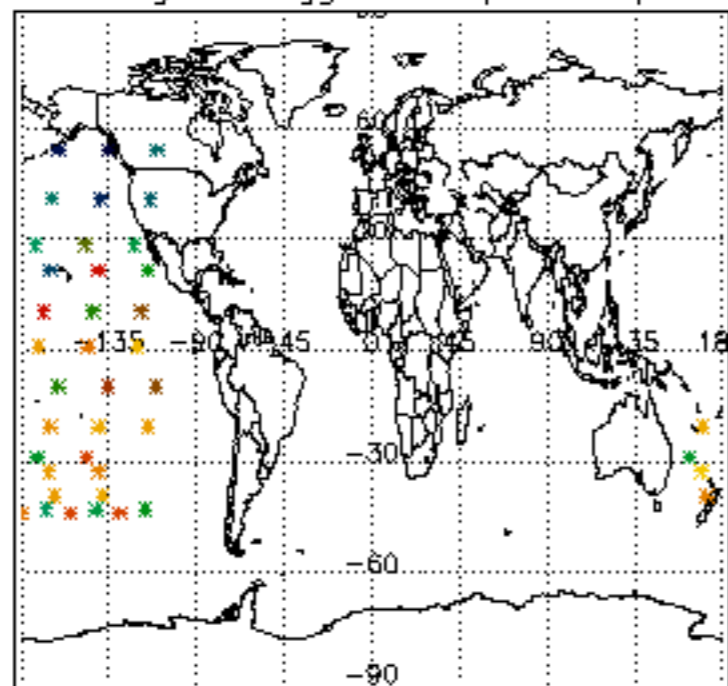
Percentage of flagged data per D3 profile



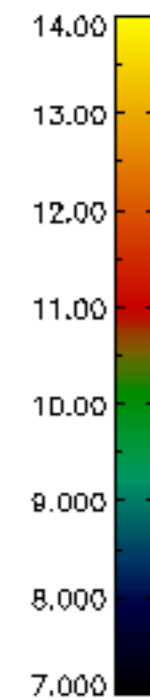
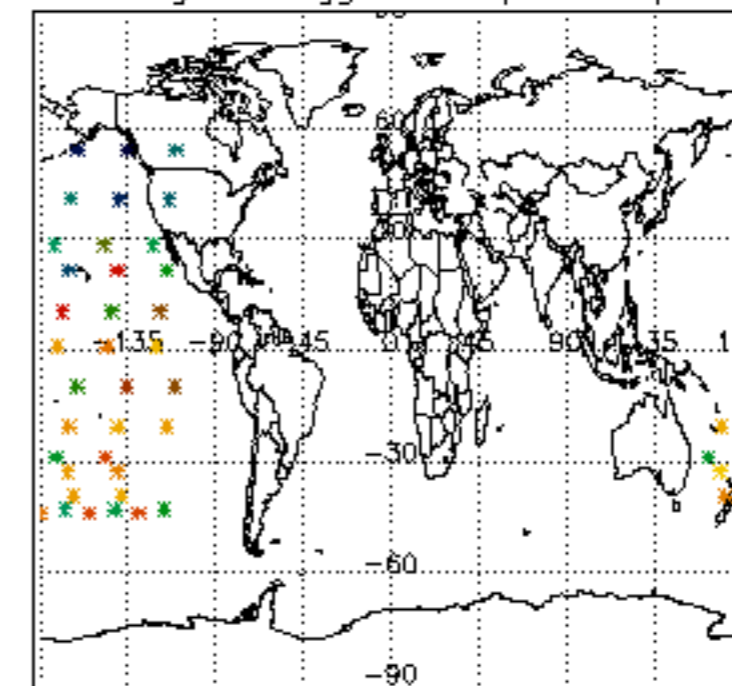
Percentage of flagged data per H2O profile

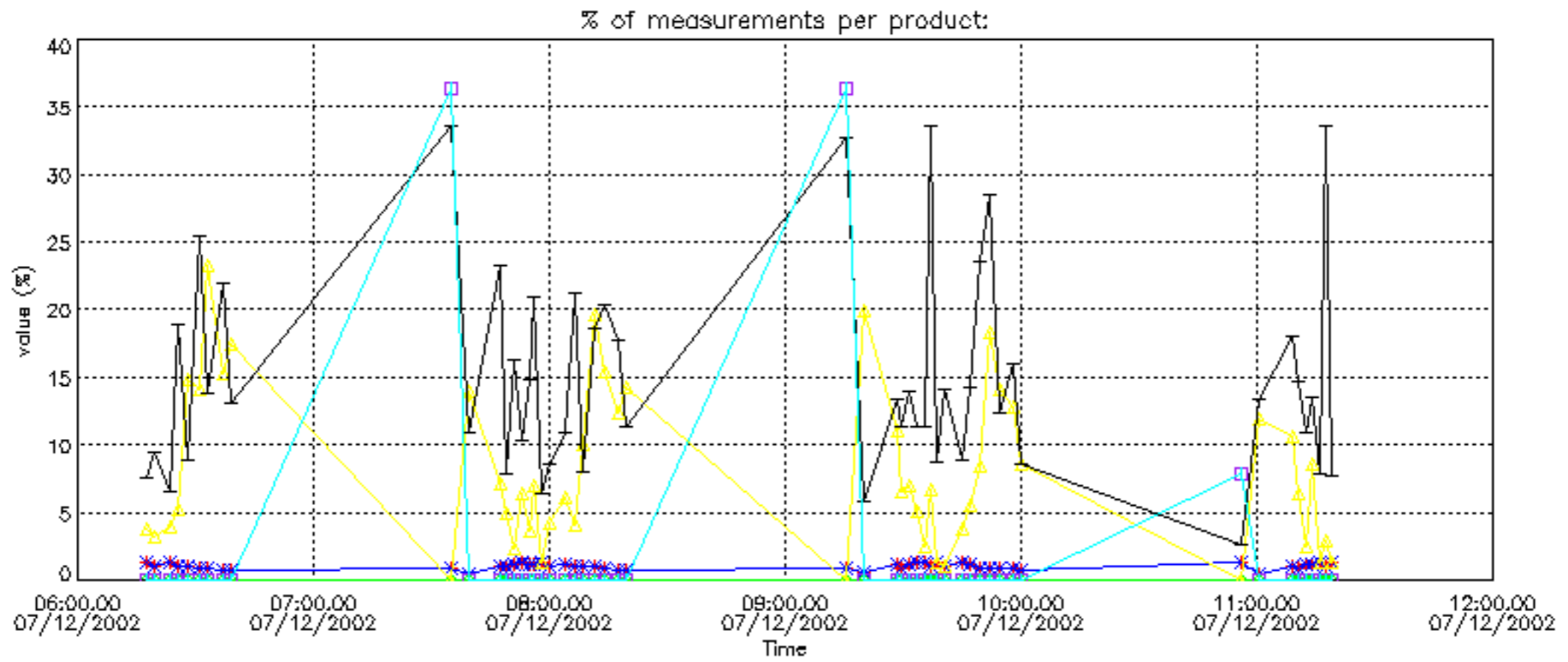


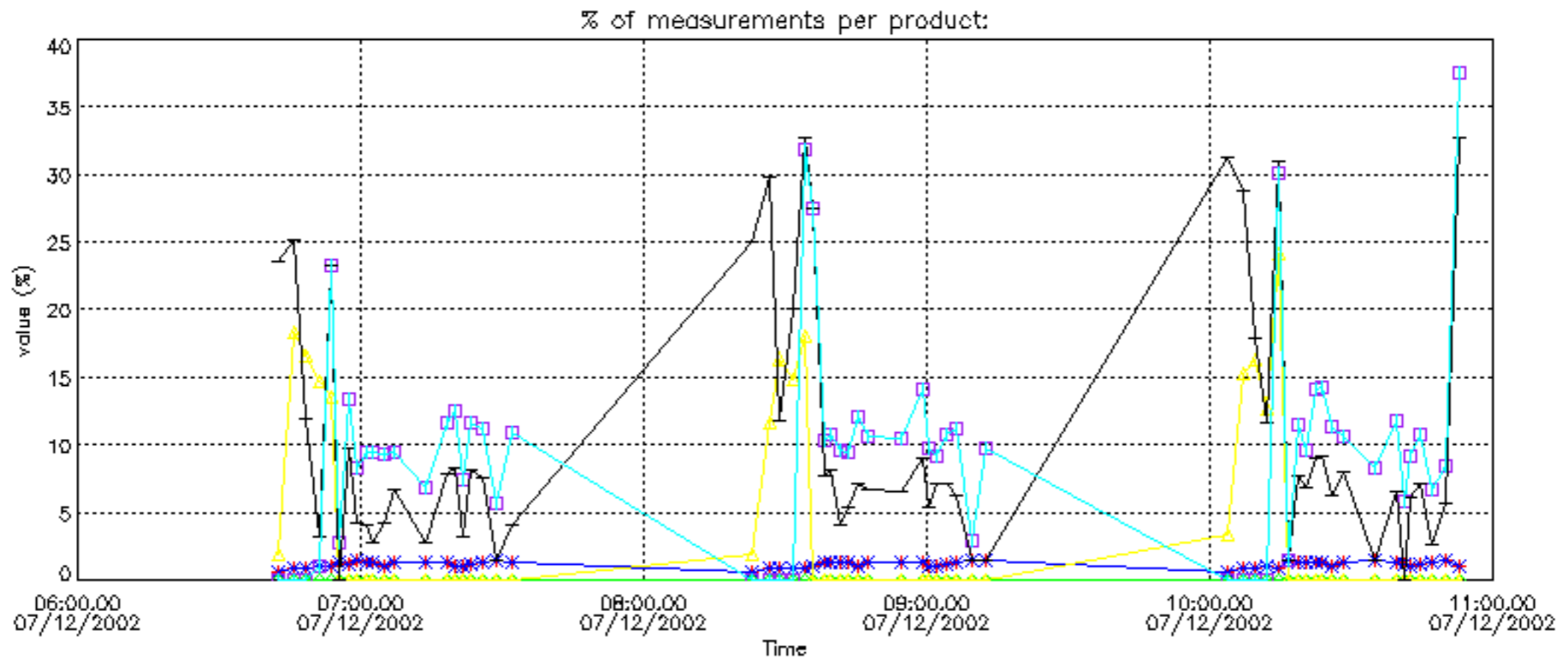
Percentage of flagged data per NO2 profile



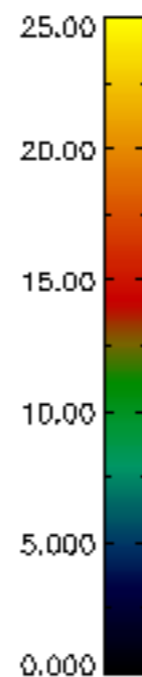
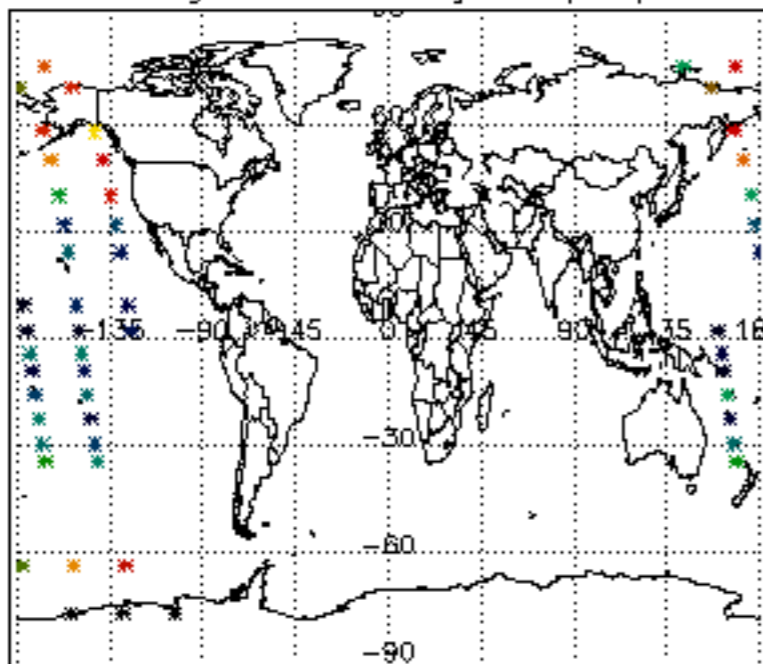
Percentage of flagged data per NO3 profile



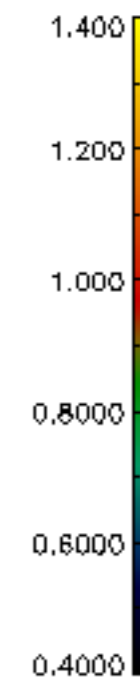
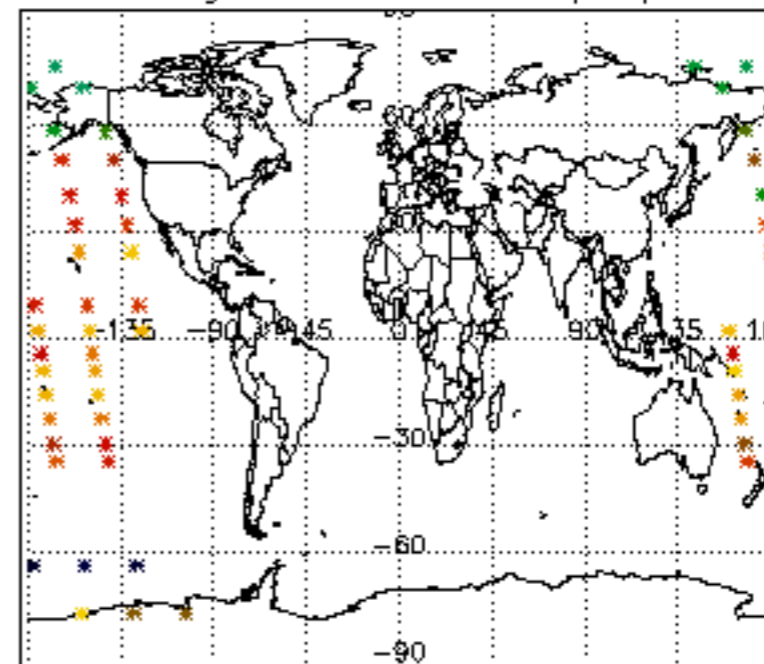




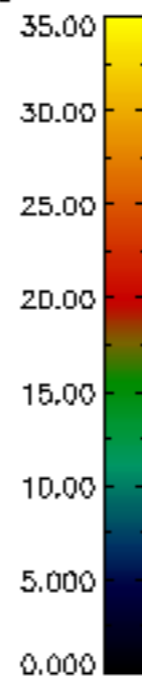
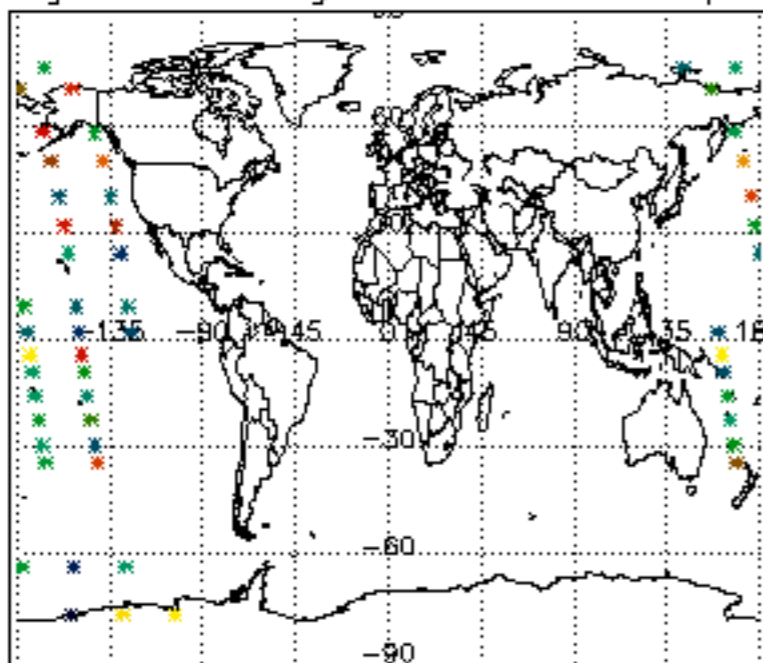
Percentage of cosmic ray hits per profile



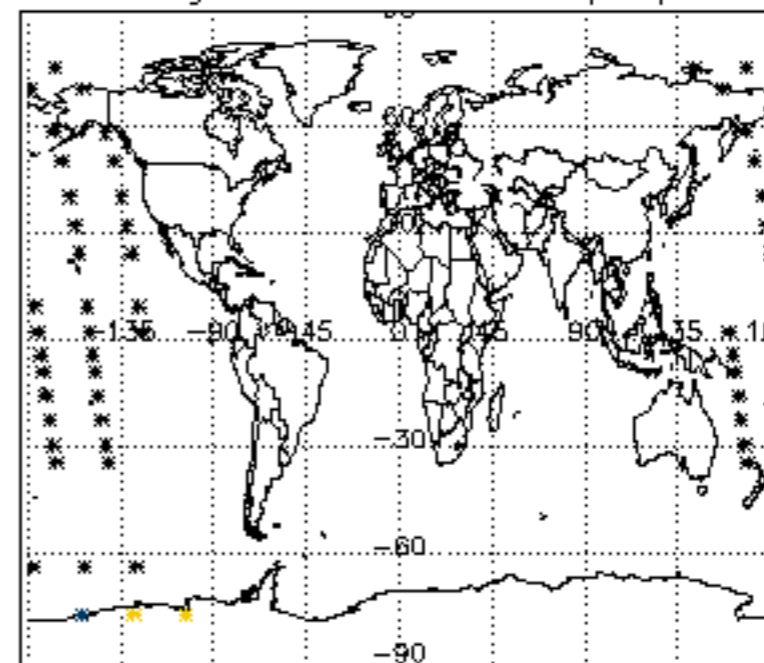
Percentage of datation errors per profile



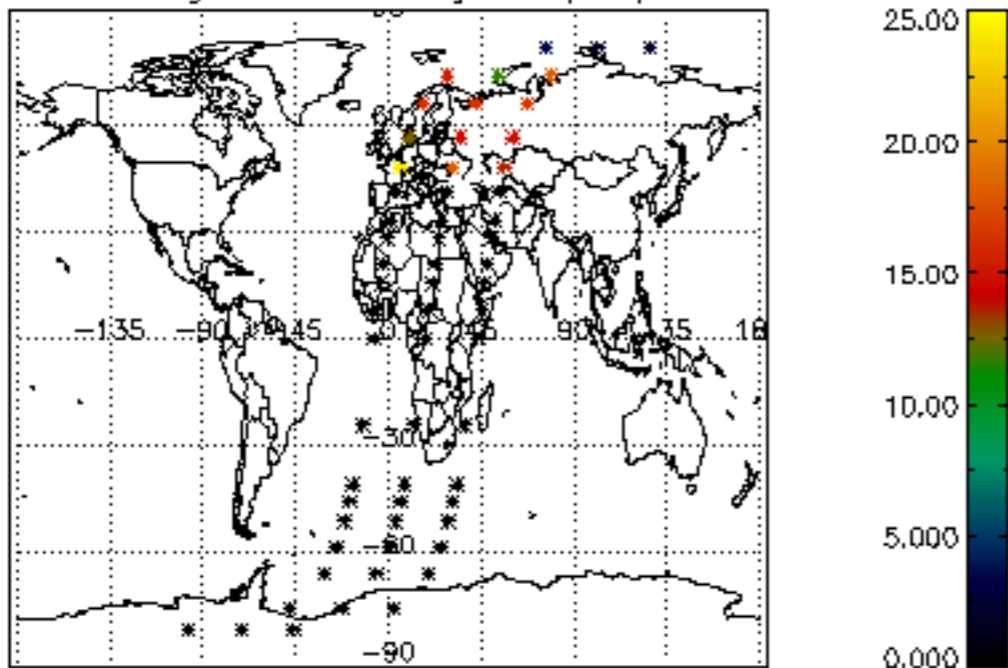
Percentage of star falling outside central band per profile



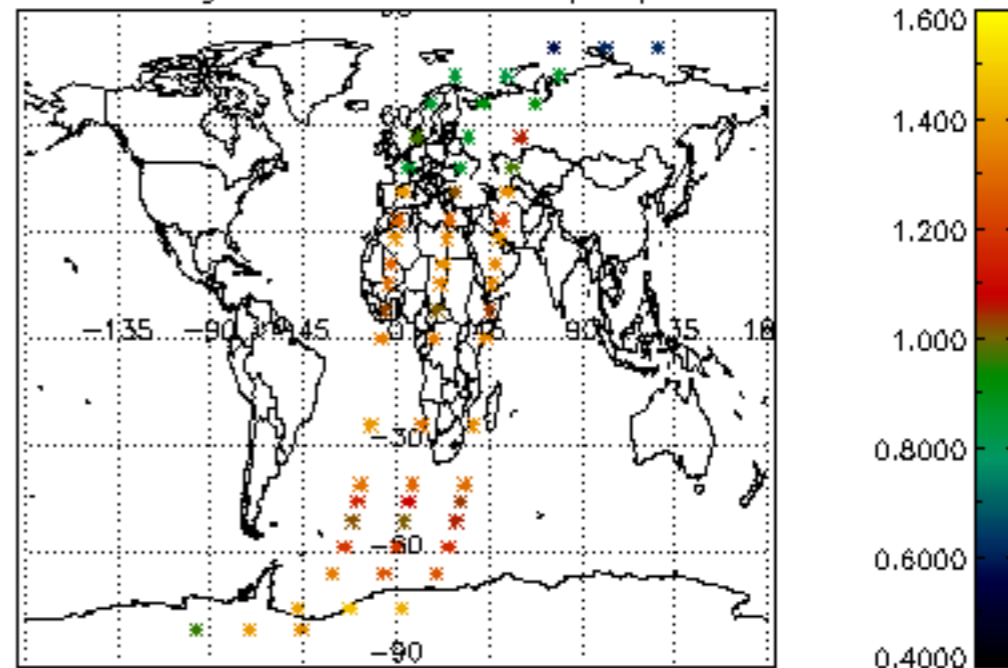
Percentage of saturation errors per profile



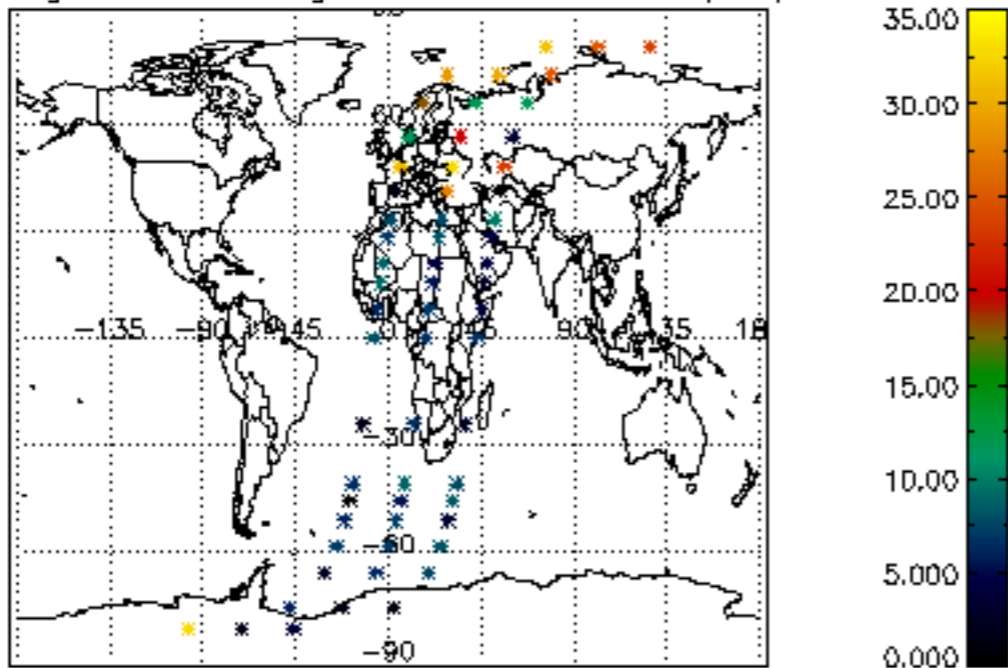
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

