

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	18APR2013 10:28:00
Data source version	GOMOS/6.01
Start time of products	18-08-2005 (18AUG2005 00:00:00)
Stop time of products	19-08-2005 (19AUG2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	112
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__2PRFIN20050818_021145_000000442040_00032_18122_5853.N1	18-AUG-2005 02:11:45	Straylight	44.000	148	Alp Tuc	2.8780	4100.0	88	18122	No
2	GOM_NL__2PRFIN20050818_023243_000000372040_00032_18122_5854.N1	18-AUG-2005 02:32:43	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	18122	No
3	GOM_NL__2PRFIN20050818_024251_000000352040_00032_18122_5855.N1	18-AUG-2005 02:42:51	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18122	No
4	GOM_NL__2PRFIN20050818_025532_000000322040_00032_18122_5856.N1	18-AUG-2005 02:55:32	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	18122	No
5	GOM_NL__2PRFIN20050818_032614_000000442040_00032_18122_5857.N1	18-AUG-2005 03:26:14	Dark	44.000	1	9Alp CMa	-1.4400	11000.	88	18122	No
6	GOM_NL__2PRFIN20050818_032749_000000372040_00032_18122_5858.N1	18-AUG-2005 03:27:49	Dark	36.500	179	24Omi2CMa	3.0320	24000.	73	18122	No
7	GOM_NL__2PRFIN20050818_032917_000000422040_00032_18122_5859.N1	18-AUG-2005 03:29:17	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	18122	No
8	GOM_NL__2PRFIN20050818_033607_000000442040_00032_18122_5860.N1	18-AUG-2005 03:36:07	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	18122	No
9	GOM_NL__2PRFIN20050818_034657_000000382040_00033_18123_5856.N1	18-AUG-2005 03:46:57	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18123	No
10	GOM_NL__2PRFIN20050818_035221_000000402040_00033_18123_5857.N1	18-AUG-2005 03:52:21	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	18123	No
11	GOM_NL__2PRFIN20050818_041319_000000392040_00033_18123_5858.N1	18-AUG-2005 04:13:19	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	18123	No
12	GOM_NL__2PRFIN20050818_042327_000000332040_00033_18123_5859.N1	18-AUG-2005 04:23:27	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	18123	No
13	GOM_NL__2PRFIN20050818_043608_000000362040_00033_18123_5860.N1	18-AUG-2005 04:36:08	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18123	No
14	GOM_NL__2PRFIN20050818_050650_000000482040_00033_18123_5861.N1	18-AUG-2005 05:06:50	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	18123	No
15	GOM_NL__2PRFIN20050818_050825_000000382040_00033_18123_5862.N1	18-AUG-2005 05:08:25	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	18123	No
16	GOM_NL__2PRFIN20050818_050953_000000412040_00033_18123_5863.N1	18-AUG-2005 05:09:53	Dark	40.500	23	21Eps CMa	1.5020	26000.	81	18123	No
17	GOM_NL__2PRFIN20050818_051643_000000522040_00033_18123_5864.N1	18-AUG-2005 05:16:43	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18123	No
18	GOM_NL__2PRFIN20050818_052733_000000372040_00034_18124_5858.N1	18-AUG-2005 05:27:33	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18124	No
19	GOM_NL__2PRFIN20050818_053258_000000402040_00034_18124_5859.N1	18-AUG-2005 05:32:58	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	18124	No
20	GOM_NL__2PRFIN20050818_055356_000000352040_00034_18124_5860.N1	18-AUG-2005 05:53:56	Bright	35.000	11	53Alp Aql	0.76500	8000.0	70	18124	No
21	GOM_NL__2PRFIN20050818_060403_000000362040_00034_18124_5861.N1	18-AUG-2005 06:04:03	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18124	No
22	GOM_NL__2PRFIN20050818_061644_000000342040_00034_18124_5862.N1	18-AUG-2005 06:16:44	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	18124	No
23	GOM_NL__2PRFIN20050818_064727_000000372040_00034_18124_5863.N1	18-AUG-2005 06:47:27	Dark	36.500	1	9Alp CMa	-1.4400	11000.	73	18124	No
24	GOM_NL__2PRFIN20050818_064902_000000352040_00034_18124_5864.N1	18-AUG-2005 06:49:02	Dark	35.000	179	24Omi2CMa	3.0320	24000.	70	18124	No
25	GOM_NL__2PRFIN20050818_065029_000000422040_00034_18124_5865.N1	18-AUG-2005 06:50:29	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	18124	No
26	GOM_NL__2PRFIN20050818_065719_000000452040_00034_18124_5866.N1	18-AUG-2005 06:57:19	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	18124	No
27	GOM_NL__2PRFIN20050818_070810_000000382040_00035_18125_5880.N1	18-AUG-2005 07:08:10	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18125	No
28	GOM_NL__2PRFIN20050818_071334_000000442040_00035_18125_5881.N1	18-AUG-2005 07:13:34	Straylight	44.000	148	Alp Tuc	2.8780	4100.0	88	18125	No
29	GOM_NL__2PRFIN20050818_073432_000000352040_00035_18125_5882.N1	18-AUG-2005 07:34:32	Bright	35.000	11	53Alp Aql	0.76500	8000.0	70	18125	No
30	GOM_NL__2PRFIN20050818_074439_000000352040_00035_18125_5883.N1	18-AUG-2005 07:44:39	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18125	No
31	GOM_NL__2PRFIN20050818_075720_000000332040_00035_18125_5884.N1	18-AUG-2005 07:57:20	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	18125	No
32	GOM_NL__2PRFIN20050818_082803_000000382040_00035_18125_5885.N1	18-AUG-2005 08:28:03	Dark	37.500	1	9Alp CMa	-1.4400	11000.	75	18125	No
33	GOM_NL__2PRFIN20050818_082938_000000392040_00035_18125_5886.N1	18-AUG-2005 08:29:38	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	18125	No
34	GOM_NL__2PRFIN20050818_083105_000000422040_00035_18125_5887.N1	18-AUG-2005 08:31:05	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	18125	No
35	GOM_NL__2PRFIN20050818_083755_000000512040_00035_18125_5888.N1	18-AUG-2005 08:37:55	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	18125	No
36	GOM_NL__2PRFIN20050818_084846_000000362040_00036_18126_5882.N1	18-AUG-2005 08:48:46	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	18126	No
37	GOM_NL__2PRFIN20050818_085410_000000402040_00036_18126_5883.N1	18-AUG-2005 08:54:10	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	18126	No
38	GOM_NL__2PRFIN20050818_100839_000000462040_00036_18126_5884.N1	18-AUG-2005 10:08:39	Dark	45.500	1	9Alp CMa	-1.4400	11000.	91	18126	No
39	GOM_NL__2PRFIN20050818_101014_000000372040_00036_18126_5885.N1	18-AUG-2005 10:10:14	Dark	37.000	179	24Omi2CMa	3.0320	24000.	74	18126	No
40	GOM_NL__2PRFIN20050818_101141_000000422040_00036_18126_5886.N1	18-AUG-2005 10:11:41	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	18126	No
41	GOM_NL__2PRFIN20050818_101832_000000522040_00036_18126_5887.N1	18-AUG-2005 10:18:32	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18126	No
42	GOM_NL__2PRFIN20050818_102922_000000382040_00037_18127_5884.N1	18-AUG-2005 10:29:22	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18127	No

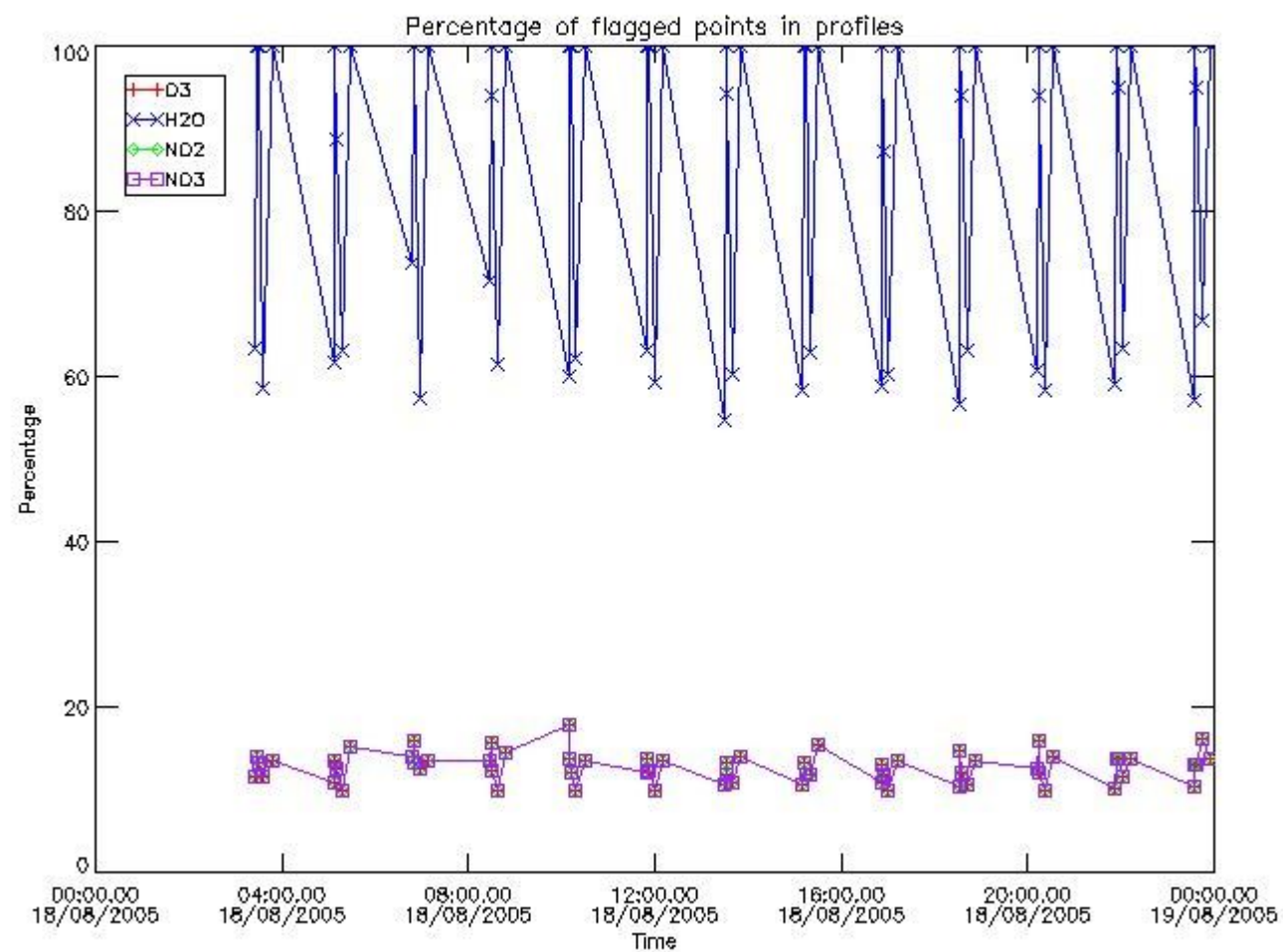
43	GOM_NL__2PRFIN20050818_103447_000000422040_00037_18127_5885.N1	18-AUG-2005 10:34:47	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	18127	No
44	GOM_NL__2PRFIN20050818_105544_000000372040_00037_18127_5886.N1	18-AUG-2005 10:55:44	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	18127	No
45	GOM_NL__2PRFIN20050818_110551_000000362040_00037_18127_5887.N1	18-AUG-2005 11:05:51	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18127	No
46	GOM_NL__2PRFIN20050818_114915_000000432040_00037_18127_5888.N1	18-AUG-2005 11:49:15	Dark	42.500	1	9Alp CMa	-1.4400	11000.	85	18127	No
47	GOM_NL__2PRFIN20050818_115050_000000372040_00037_18127_5889.N1	18-AUG-2005 11:50:50	Dark	37.000	179	24Omi2CMa	3.0320	24000.	74	18127	No
48	GOM_NL__2PRFIN20050818_115218_000000422040_00037_18127_5890.N1	18-AUG-2005 11:52:18	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	18127	No
49	GOM_NL__2PRFIN20050818_115908_000000522040_00037_18127_5891.N1	18-AUG-2005 11:59:08	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18127	No
50	GOM_NL__2PRFIN20050818_120958_000000382040_00038_18128_5885.N1	18-AUG-2005 12:09:58	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18128	No
51	GOM_NL__2PRFIN20050818_121523_000000402040_00038_18128_5886.N1	18-AUG-2005 12:15:23	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	18128	No
52	GOM_NL__2PRFIN20050818_123620_000000372040_00038_18128_5887.N1	18-AUG-2005 12:36:20	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	18128	No
53	GOM_NL__2PRFIN20050818_124626_000000352040_00038_18128_5888.N1	18-AUG-2005 12:46:26	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18128	No
54	GOM_NL__2PRFIN20050818_125908_000000362040_00038_18128_5889.N1	18-AUG-2005 12:59:08	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	18128	No
55	GOM_NL__2PRFIN20050818_132952_000000482040_00038_18128_5890.N1	18-AUG-2005 13:29:52	Dark	48.000	1	9Alp CMa	-1.4400	11000.	96	18128	No
56	GOM_NL__2PRFIN20050818_133126_000000392040_00038_18128_5891.N1	18-AUG-2005 13:31:26	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	18128	No
57	GOM_NL__2PRFIN20050818_133254_000000432040_00038_18128_5892.N1	18-AUG-2005 13:32:54	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	18128	No
58	GOM_NL__2PRFIN20050818_133944_000000472040_00038_18128_5893.N1	18-AUG-2005 13:39:44	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	18128	No
59	GOM_NL__2PRFIN20050818_135034_000000372040_00039_18129_5887.N1	18-AUG-2005 13:50:34	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	18129	No
60	GOM_NL__2PRFIN20050818_135559_000000412040_00039_18129_5888.N1	18-AUG-2005 13:55:59	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	18129	No
61	GOM_NL__2PRFIN20050818_141656_000000362040_00039_18129_5889.N1	18-AUG-2005 14:16:56	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18129	No
62	GOM_NL__2PRFIN20050818_142703_000000352040_00039_18129_5890.N1	18-AUG-2005 14:27:03	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18129	No
63	GOM_NL__2PRFIN20050818_143944_000000352040_00039_18129_5891.N1	18-AUG-2005 14:39:44	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	18129	No
64	GOM_NL__2PRFIN20050818_151028_000000492040_00039_18129_5892.N1	18-AUG-2005 15:10:28	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	18129	No
65	GOM_NL__2PRFIN20050818_151203_000000392040_00039_18129_5893.N1	18-AUG-2005 15:12:03	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	18129	No
66	GOM_NL__2PRFIN20050818_151330_000000432040_00039_18129_5894.N1	18-AUG-2005 15:13:30	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	18129	No
67	GOM_NL__2PRFIN20050818_152020_000000442040_00039_18129_5895.N1	18-AUG-2005 15:20:20	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	18129	No
68	GOM_NL__2PRFIN20050818_153110_000000372040_00040_18130_5888.N1	18-AUG-2005 15:31:10	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	18130	No
69	GOM_NL__2PRFIN20050818_153635_000000402040_00040_18130_5889.N1	18-AUG-2005 15:36:35	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	18130	No
70	GOM_NL__2PRFIN20050818_155732_000000352040_00040_18130_5890.N1	18-AUG-2005 15:57:32	Bright	35.000	11	53Alp Aql	0.76500	8000.0	70	18130	No
71	GOM_NL__2PRFIN20050818_160739_000000332040_00040_18130_5891.N1	18-AUG-2005 16:07:39	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	18130	No
72	GOM_NL__2PRFIN20050818_162020_000000362040_00040_18130_5892.N1	18-AUG-2005 16:20:20	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18130	No
73	GOM_NL__2PRFIN20050818_165104_000000472040_00040_18130_5893.N1	18-AUG-2005 16:51:04	Dark	46.500	1	9Alp CMa	-1.4400	11000.	93	18130	No
74	GOM_NL__2PRFIN20050818_165239_000000402040_00040_18130_5894.N1	18-AUG-2005 16:52:39	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	18130	No
75	GOM_NL__2PRFIN20050818_165406_000000442040_00040_18130_5895.N1	18-AUG-2005 16:54:06	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	18130	No
76	GOM_NL__2PRFIN20050818_170056_000000522040_00040_18130_5896.N1	18-AUG-2005 17:00:56	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18130	No
77	GOM_NL__2PRFIN20050818_171146_000000372040_00041_18131_5890.N1	18-AUG-2005 17:11:46	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18131	No
78	GOM_NL__2PRFIN20050818_173808_000000362040_00041_18131_5891.N1	18-AUG-2005 17:38:08	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18131	No
79	GOM_NL__2PRFIN20050818_174815_000000342040_00041_18131_5892.N1	18-AUG-2005 17:48:15	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	18131	No
80	GOM_NL__2PRFIN20050818_180056_000000362040_00041_18131_5893.N1	18-AUG-2005 18:00:56	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18131	No
81	GOM_NL__2PRFIN20050818_183141_000000492040_00041_18131_5894.N1	18-AUG-2005 18:31:41	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	18131	No
82	GOM_NL__2PRFIN20050818_183315_000000382040_00041_18131_5895.N1	18-AUG-2005 18:33:15	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	18131	No
83	GOM_NL__2PRFIN20050818_183443_000000422040_00041_18131_5896.N1	18-AUG-2005 18:34:43	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	18131	No
84	GOM_NL__2PRFIN20050818_184133_000000482040_00041_18131_5897.N1	18-AUG-2005 18:41:33	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	18131	No
85	GOM_NL__2PRFIN20050818_185223_000000382040_00042_18132_5892.N1	18-AUG-2005 18:52:23	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18132	No
86	GOM_NL__2PRFIN20050818_185748_000000412040_00042_18132_5893.N1	18-AUG-2005 18:57:48	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	18132	No
87	GOM_NL__2PRFIN20050818_191844_000000372040_00042_18132_5894.N1	18-AUG-2005 19:18:44	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	18132	No
88	GOM_NL__2PRFIN20050818_192851_000000352040_00042_18132_5895.N1	18-AUG-2005 19:28:51	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18132	No
89	GOM_NL__2PRFIN20050818_194132_000000362040_00042_18132_5896.N1	18-AUG-2005 19:41:32	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	18132	No
90	GOM_NL__2PRFIN20050818_201217_000000452040_00042_18132_5897.N1	18-AUG-2005 20:12:17	Dark	45.000	1	9Alp CMa	-1.4400	11000.	90	18132	No
91	GOM_NL__2PRFIN20050818_201351_000000392040_00042_18132_5898.N1	18-AUG-2005 20:13:51	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	18132	No
92	GOM_NL__2PRFIN20050818_201519_000000422040_00042_18132_5899.N1	18-AUG-2005 20:15:19	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	18132	No
93	GOM_NL__2PRFIN20050818_202209_000000522040_00042_18132_5900.N1	18-AUG-2005 20:22:09	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18132	No
94	GOM_NL__2PRFIN20050818_203259_000000372040_00043_18133_5893.N1	18-AUG-2005 20:32:59	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	18133	No
95	GOM_NL__2PRFIN20050818_203824_000000382040_00043_18133_5894.N1	18-AUG-2005 20:38:24	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	18133	No
96	GOM_NL__2PRFIN20050818_205920_000000362040_00043_18133_5895.N1	18-AUG-2005 20:59:20	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18133	No
97	GOM_NL__2PRFIN20050818_212207_000000352040_00043_18133_5896.N1	18-AUG-2005 21:22:07	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	18133	No
98	GOM_NL__2PRFIN20050818_215253_000000512040_00043_18133_5897.N1	18-AUG-2005 21:52:53	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	18133	No
99	GOM_NL__2PRFIN20050818_215428_000000372040_00043_18133_5898.N1	18-AUG-2005 21:54:28	Dark	37.000	179	24Omi2CMa	3.0320	24000.	74	18133	No
100	GOM_NL__2PRFIN20050818_215555_000000412040_00043_18133_5899.N1	18-AUG-2005 21:55:55	Dark	40.500	23	21Eps CMa	1.5020	26000.	81	18133	No
101	GOM_NL__2PRFIN20050818_220245_000000442040_00043_18133_5900.N1	18-AUG-2005 22:02:45	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	18133	No

102	GOM_NL__2PRFIN20050818_221335_000000372040_00044_18134_5894.N1	18-AUG-2005 22:13:35	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18134	No
103	GOM_NL__2PRFIN20050818_221900_000000382040_00044_18134_5895.N1	18-AUG-2005 22:19:00	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	18134	No
104	GOM_NL__2PRFIN20050818_223956_000000352040_00044_18134_5896.N1	18-AUG-2005 22:39:56	Bright	35.000	11	53Alp Aql	0.76500	8000.0	70	18134	No
105	GOM_NL__2PRFIN20050818_225003_000000352040_00044_18134_5897.N1	18-AUG-2005 22:50:03	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18134	No
106	GOM_NL__2PRFIN20050818_230243_000000362040_00044_18134_5898.N1	18-AUG-2005 23:02:43	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18134	No
107	GOM_NL__2PRFIN20050818_233329_000000502040_00044_18134_5899.N1	18-AUG-2005 23:33:29	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	18134	No
108	GOM_NL__2PRFIN20050818_233504_000000392040_00044_18134_5900.N1	18-AUG-2005 23:35:04	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	18134	No
109	GOM_NL__2PRFIN20050818_233631_000000402040_00044_18134_5901.N1	18-AUG-2005 23:36:31	Dark	39.500	23	21Eps CMa	1.5020	26000.	79	18134	No
110	GOM_NL__2PRFIN20050818_234321_000000472040_00044_18134_5902.N1	18-AUG-2005 23:43:21	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	18134	No
111	GOM_NL__2PRFIN20050818_235411_000000372040_00045_18135_5915.N1	18-AUG-2005 23:54:11	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18135	No
112	GOM_NL__2PRFIN20050818_235936_000000382040_00045_18135_5916.N1	18-AUG-2005 23:59:36	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	18135	No

3. Quality information per product

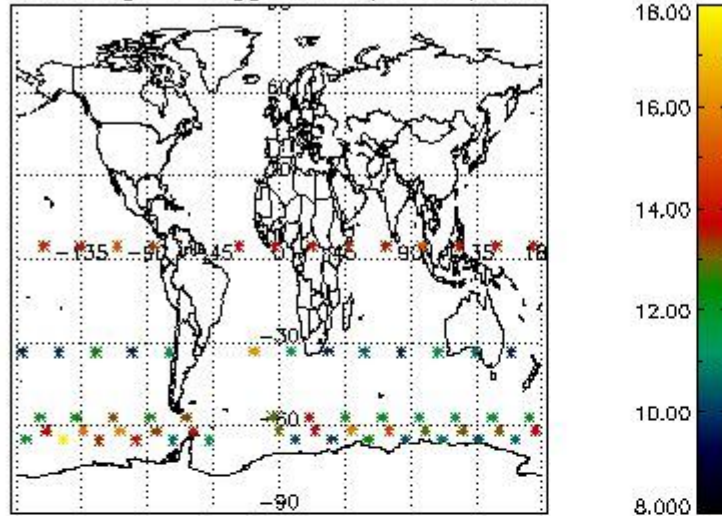
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

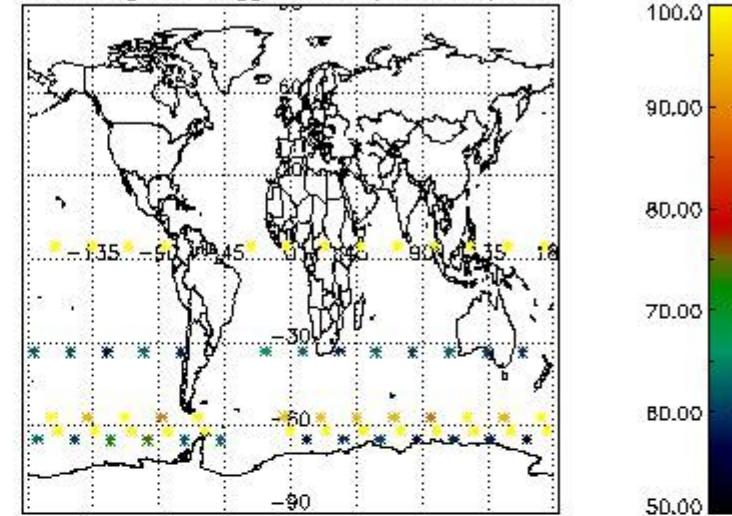


3.2 Plot quality information per product (world map)

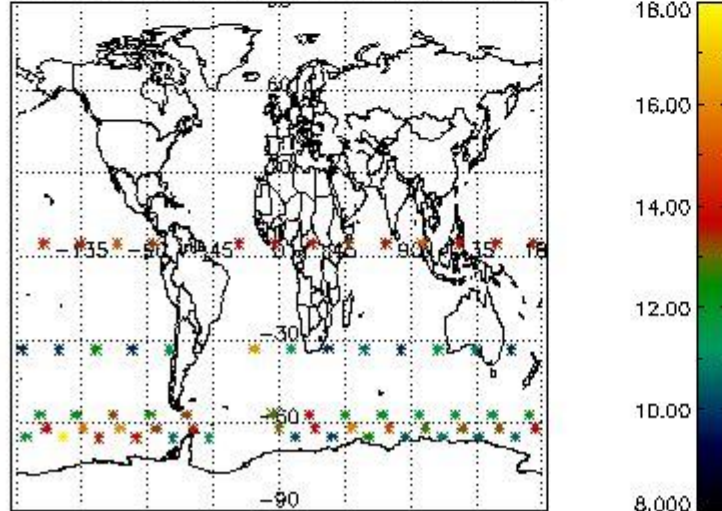
Percentage of flagged data per O3 profile



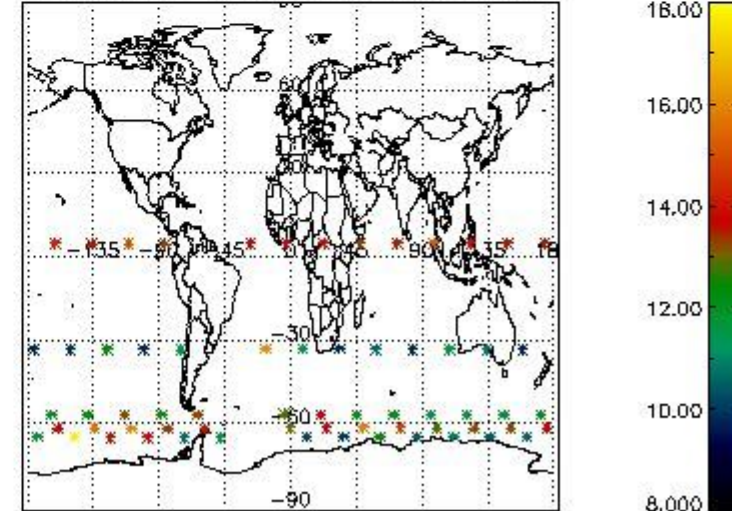
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

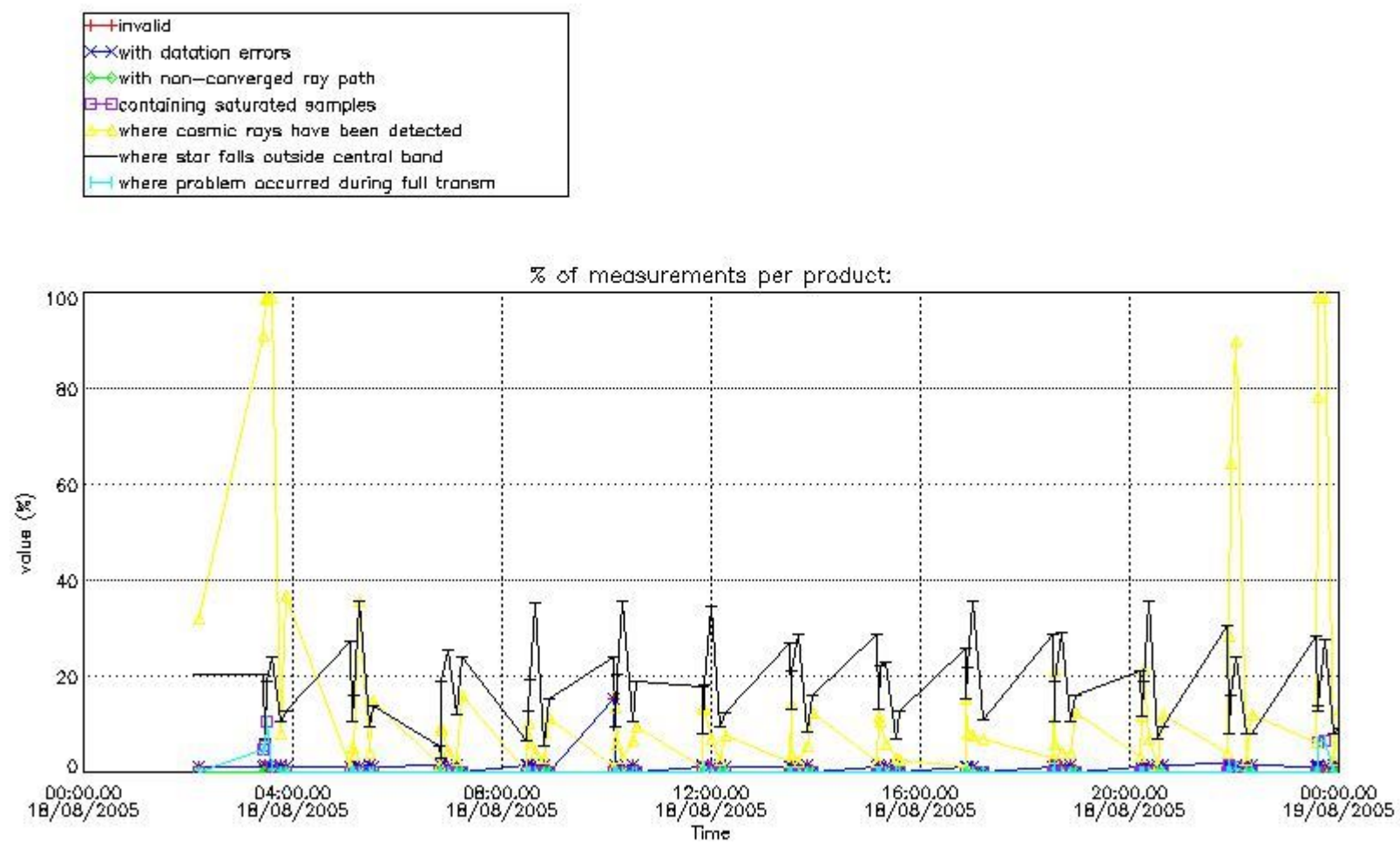


4. Level 1 quality information per product

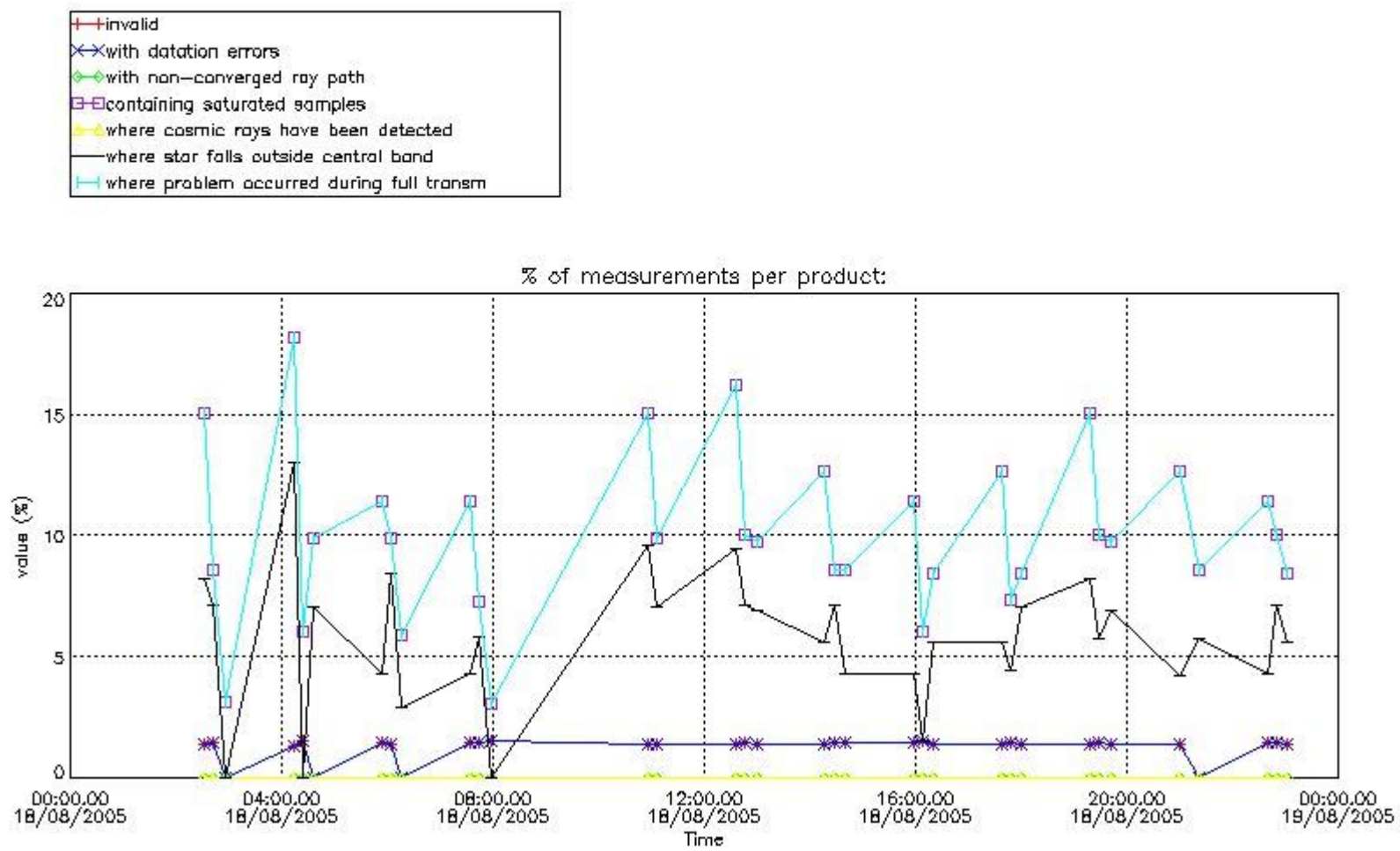
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



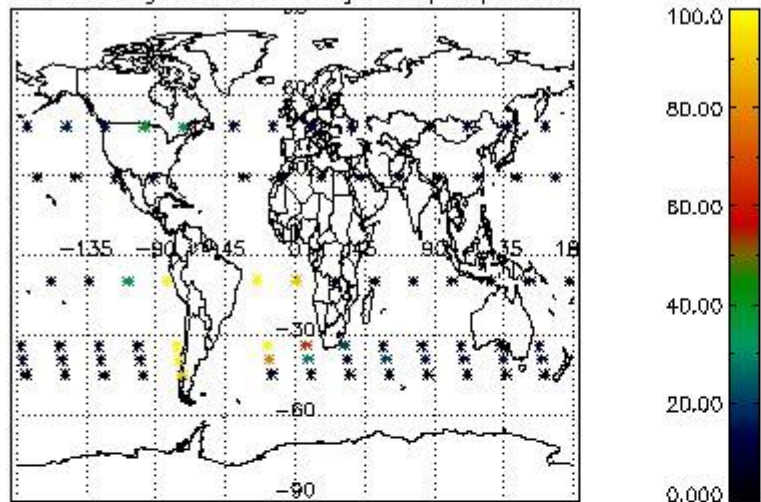
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



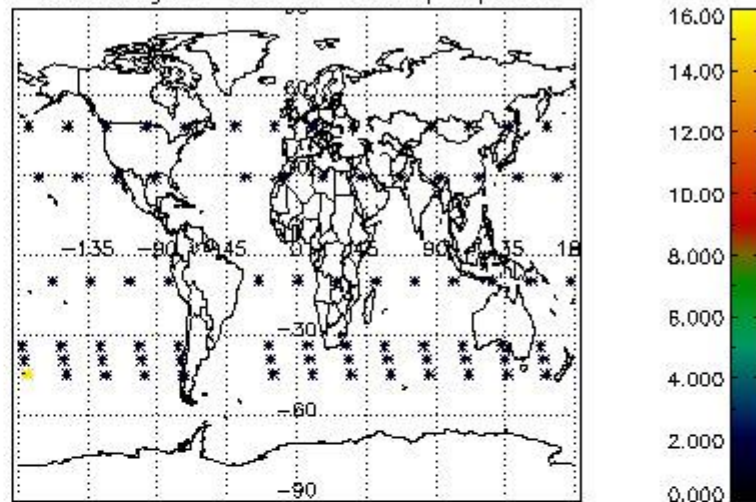
4.2 Plot quality information per product coming from level 1b processing (world map)

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

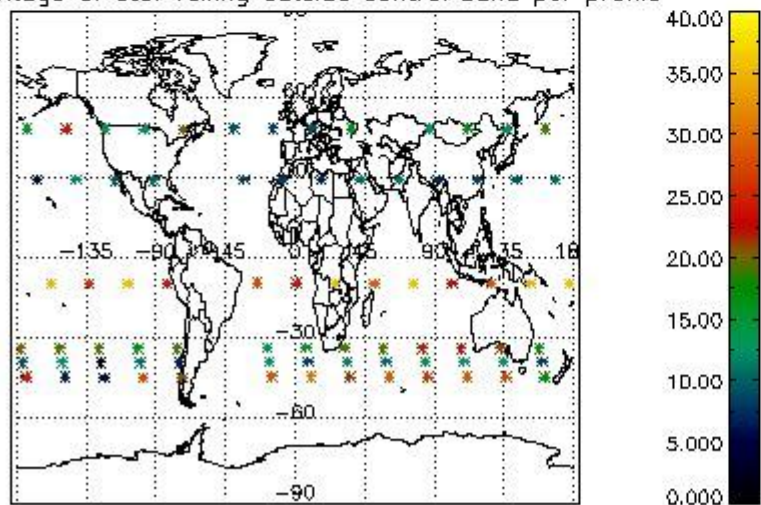
Percentage of cosmic ray hits per profile



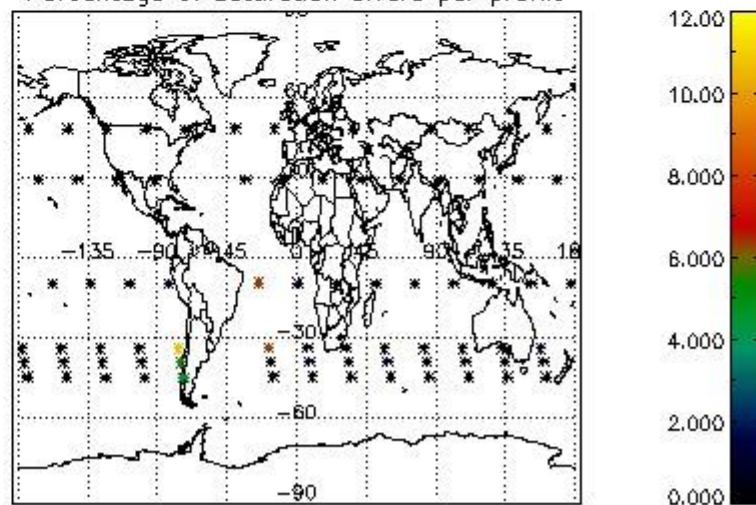
Percentage of datation errors per profile



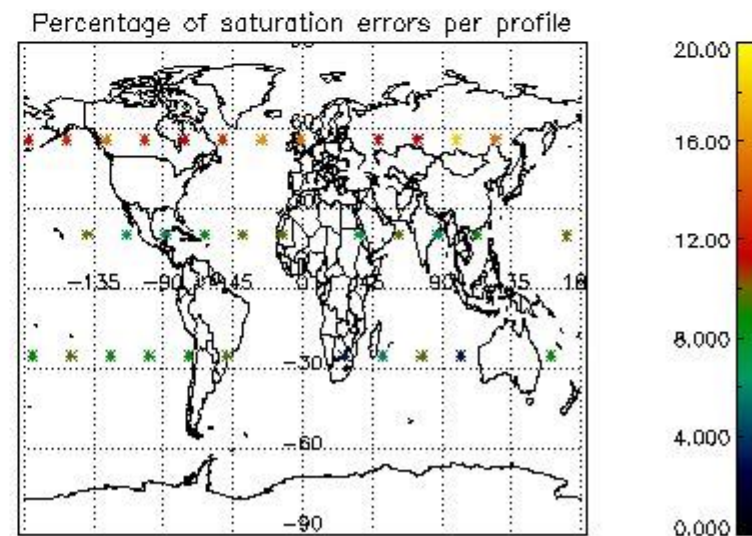
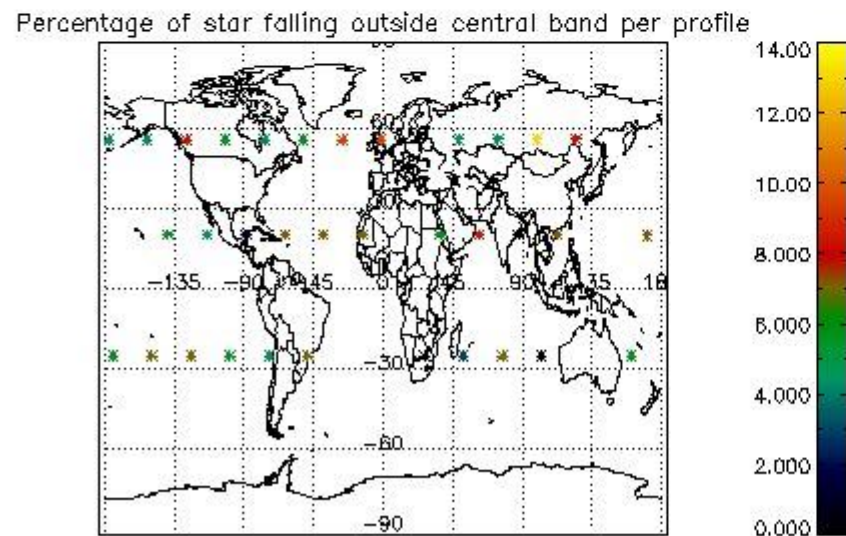
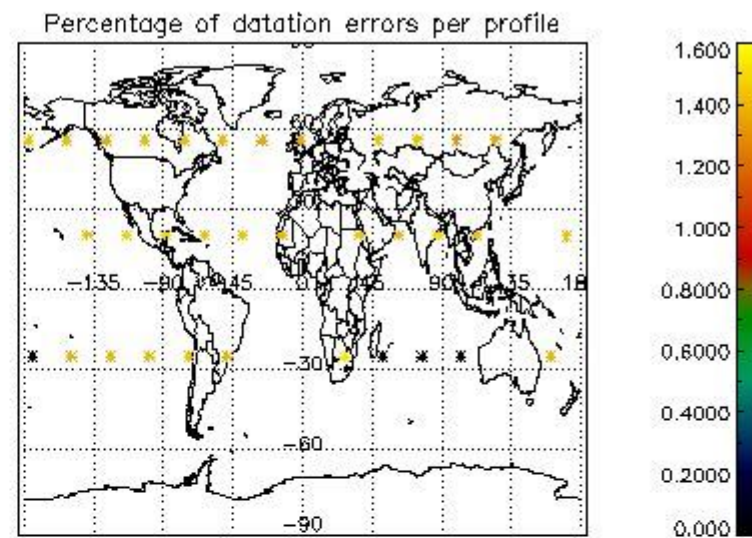
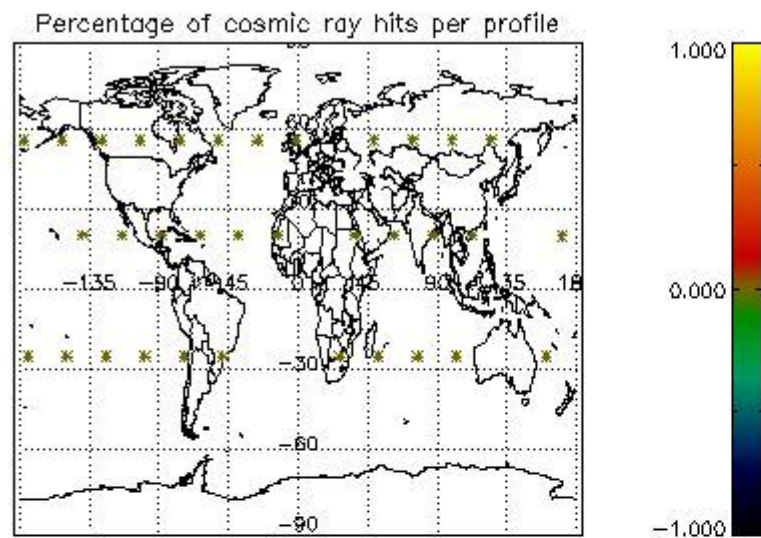
Percentage of star falling outside central band per profile



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

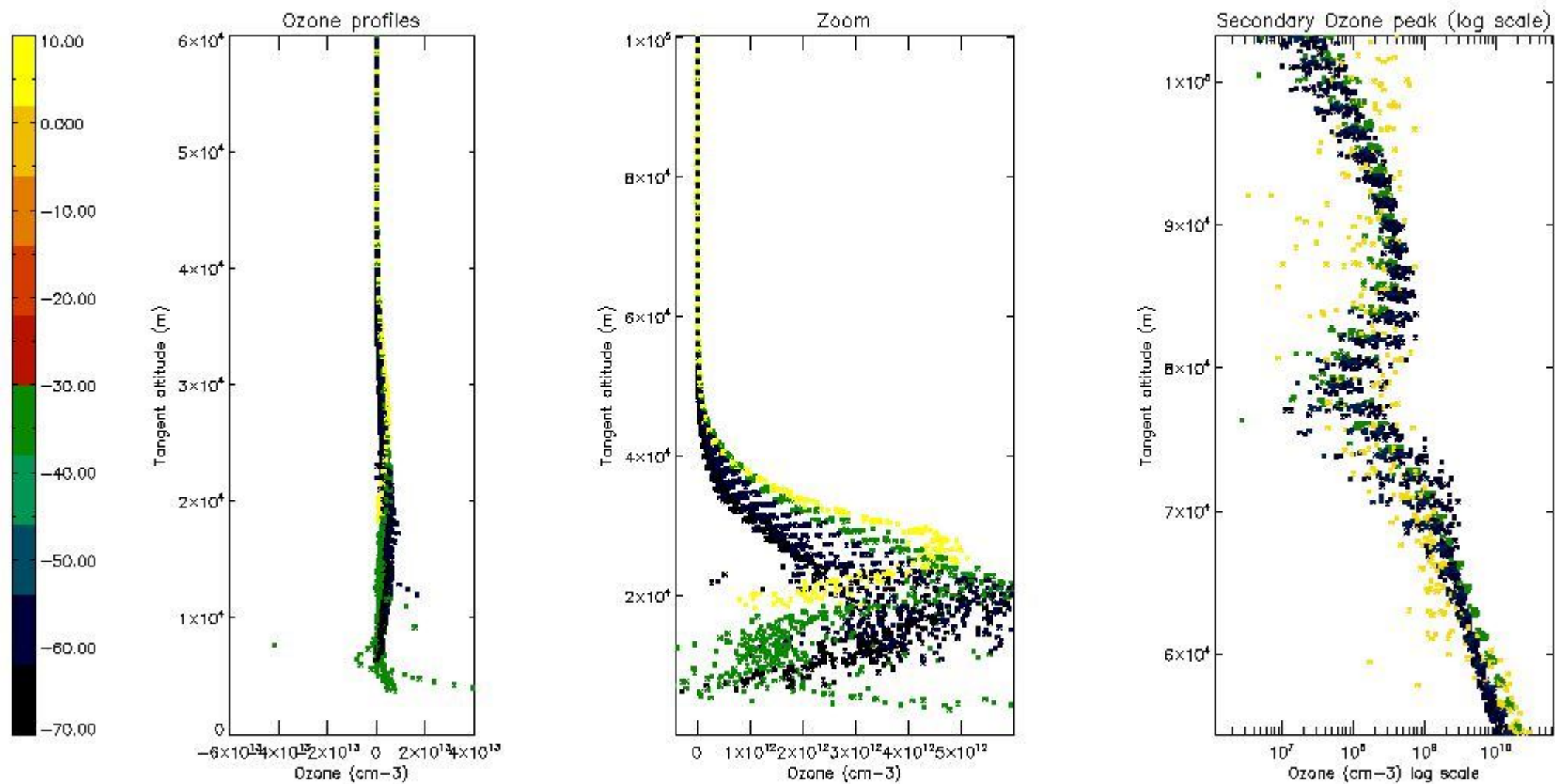
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	62
STD < 20	42

STD < 10	35
STD < 5	27

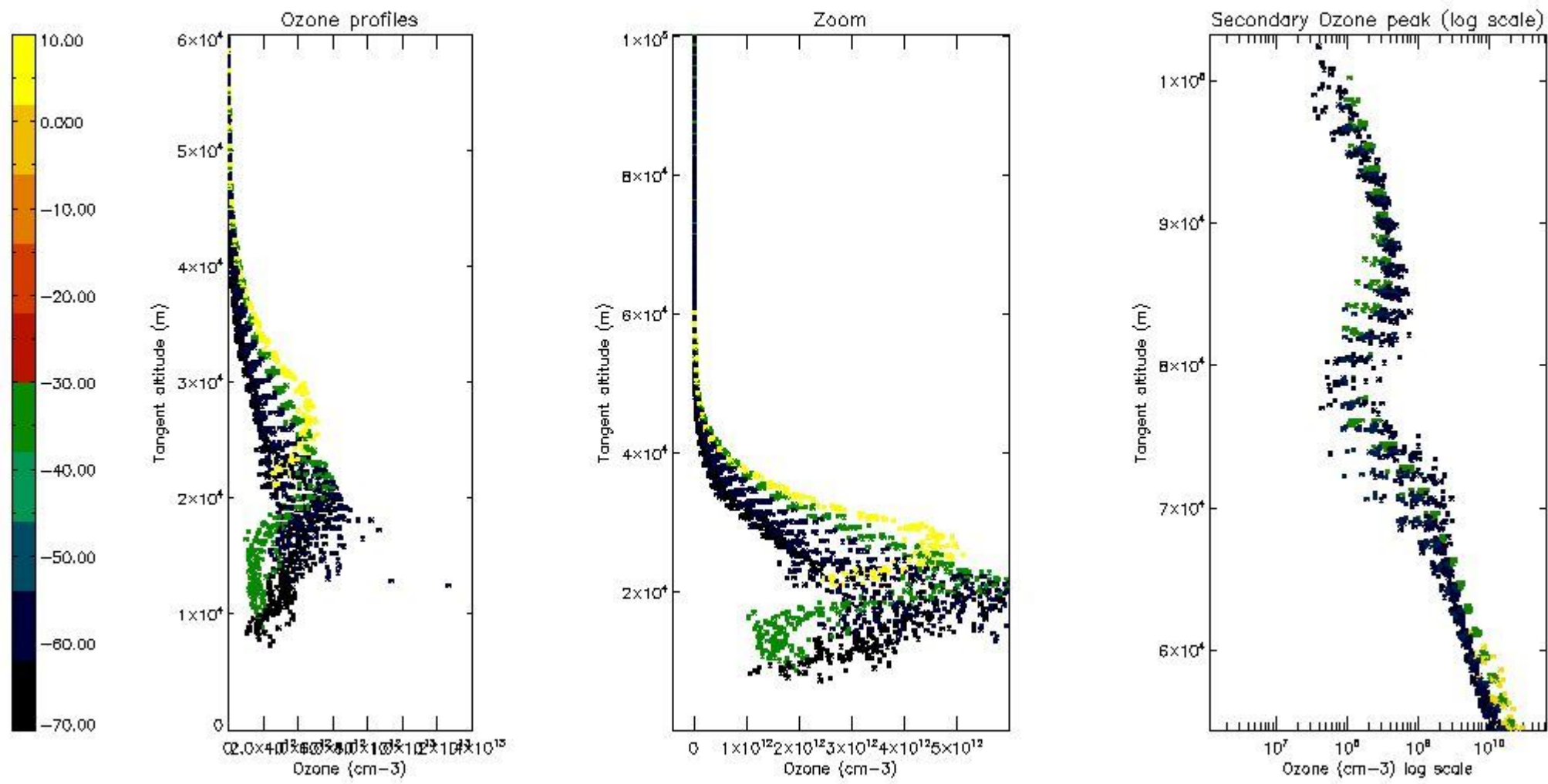
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



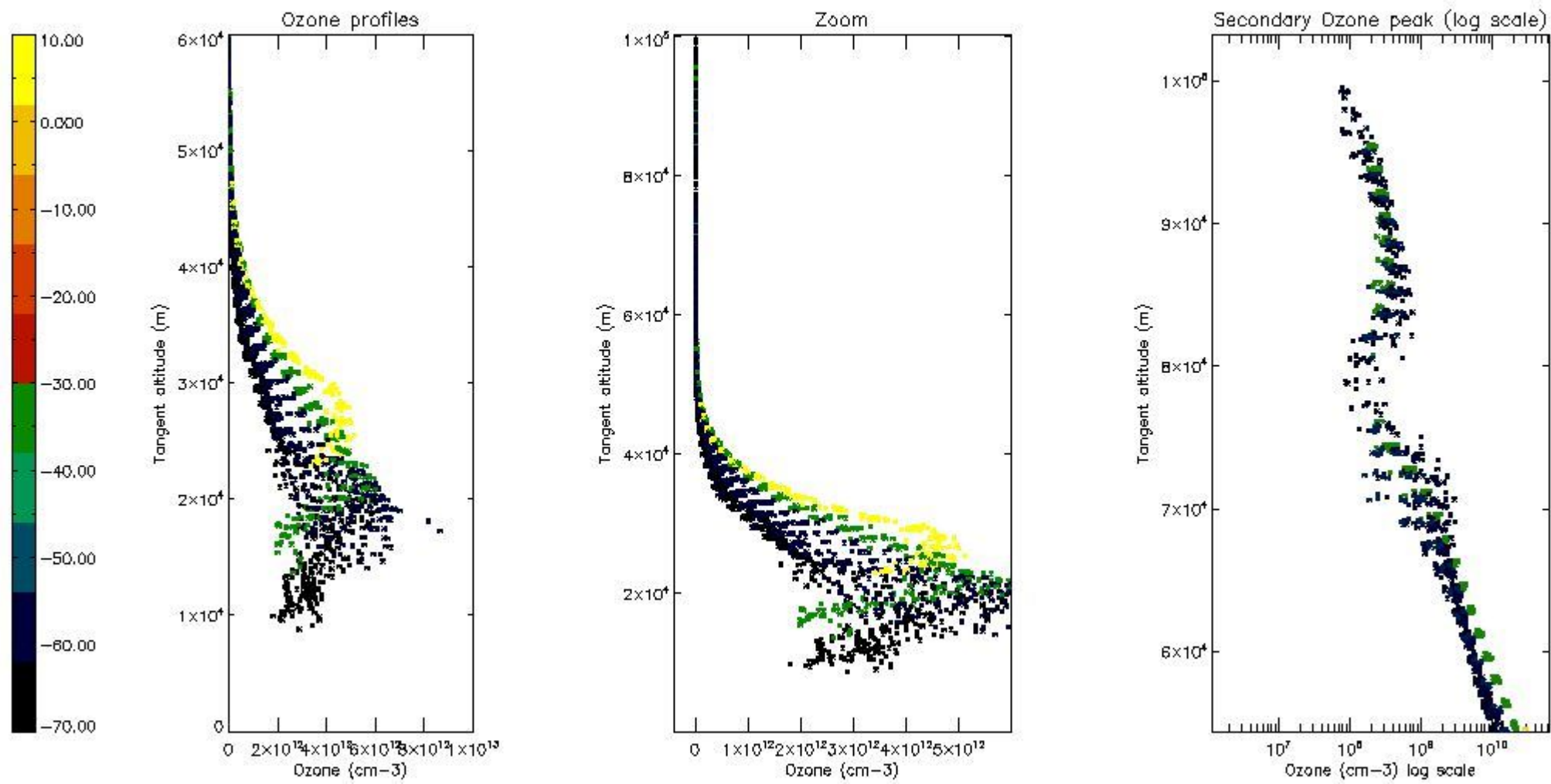
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



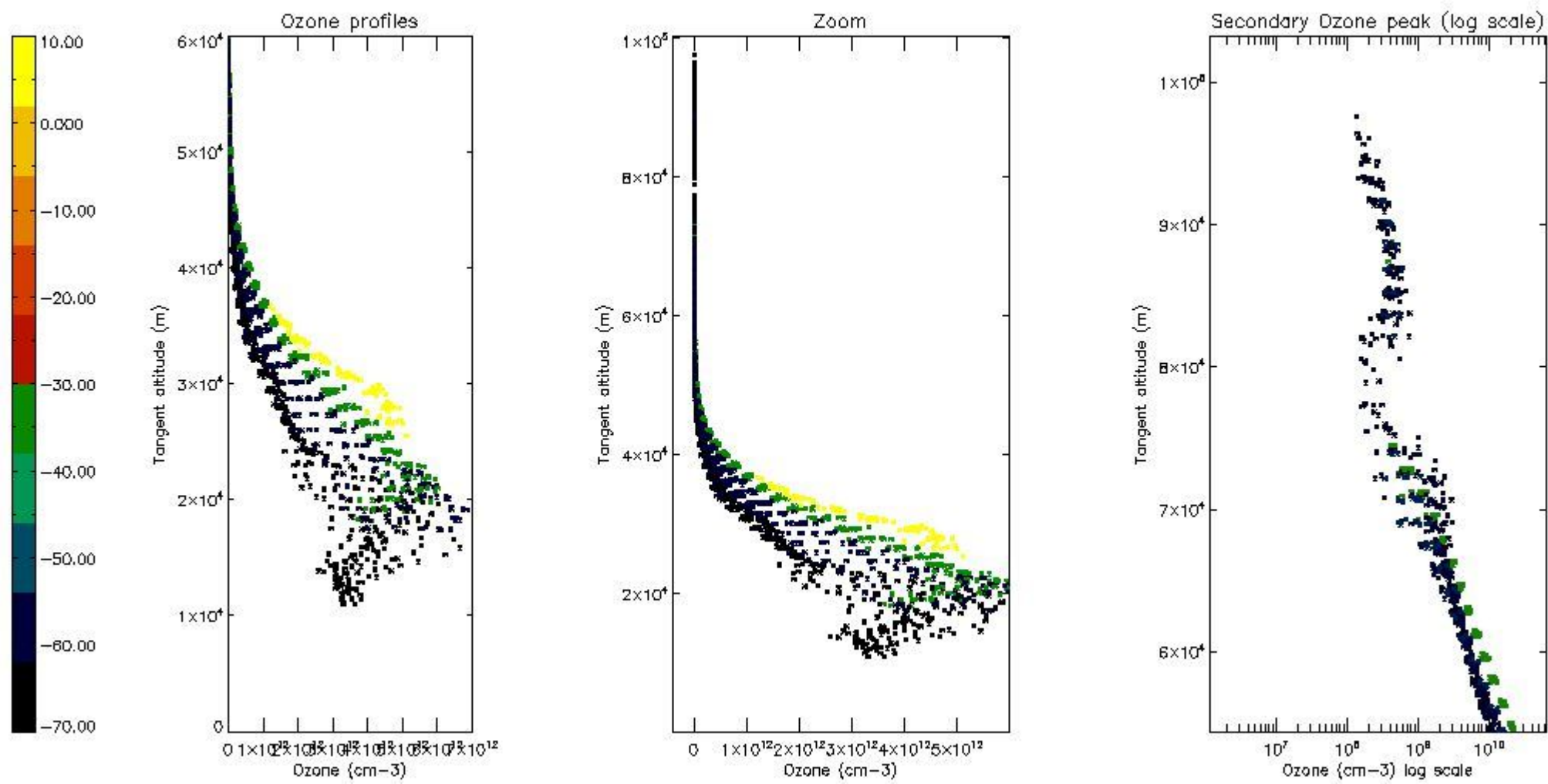
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



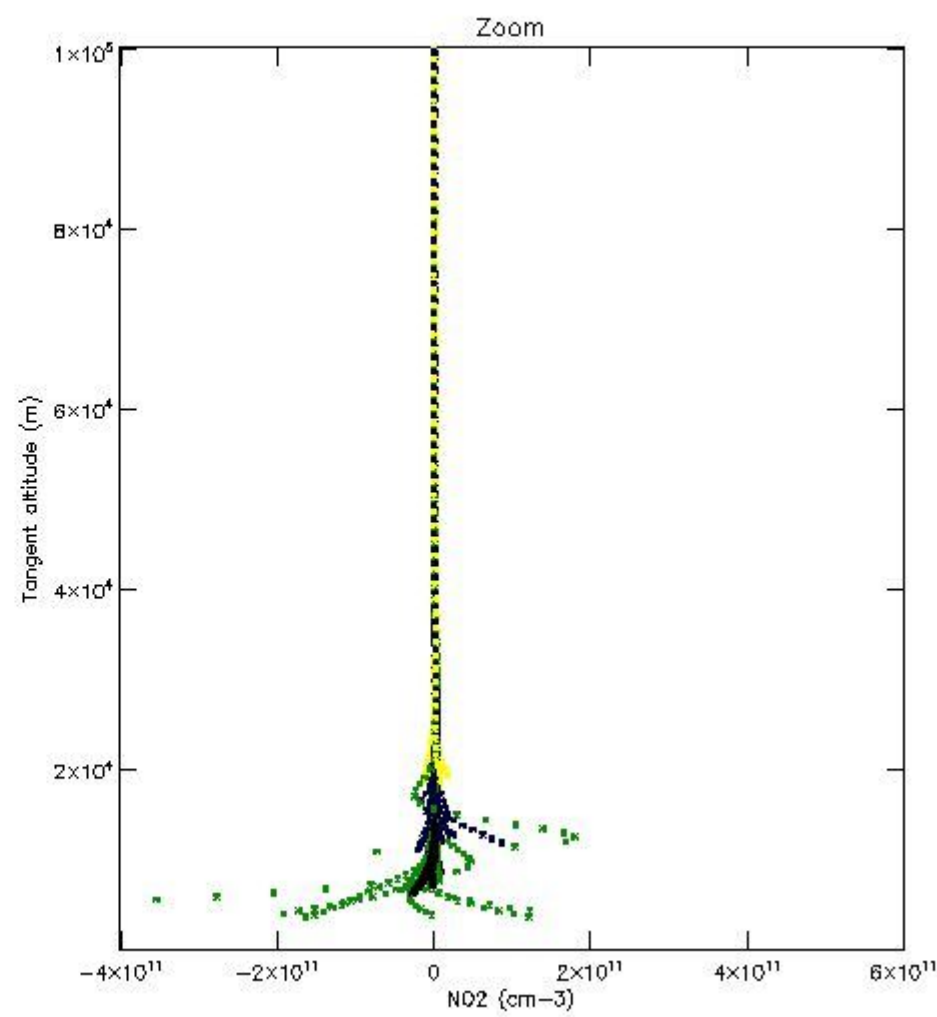
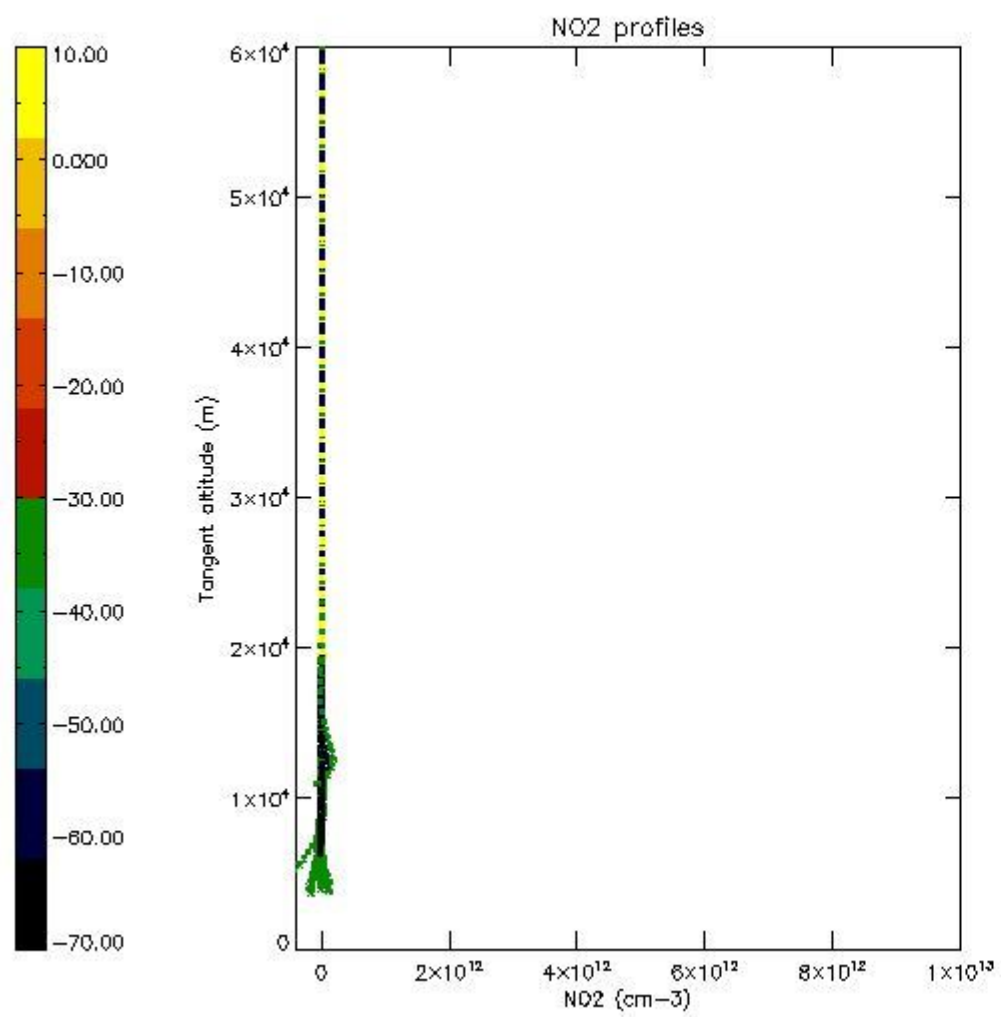
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



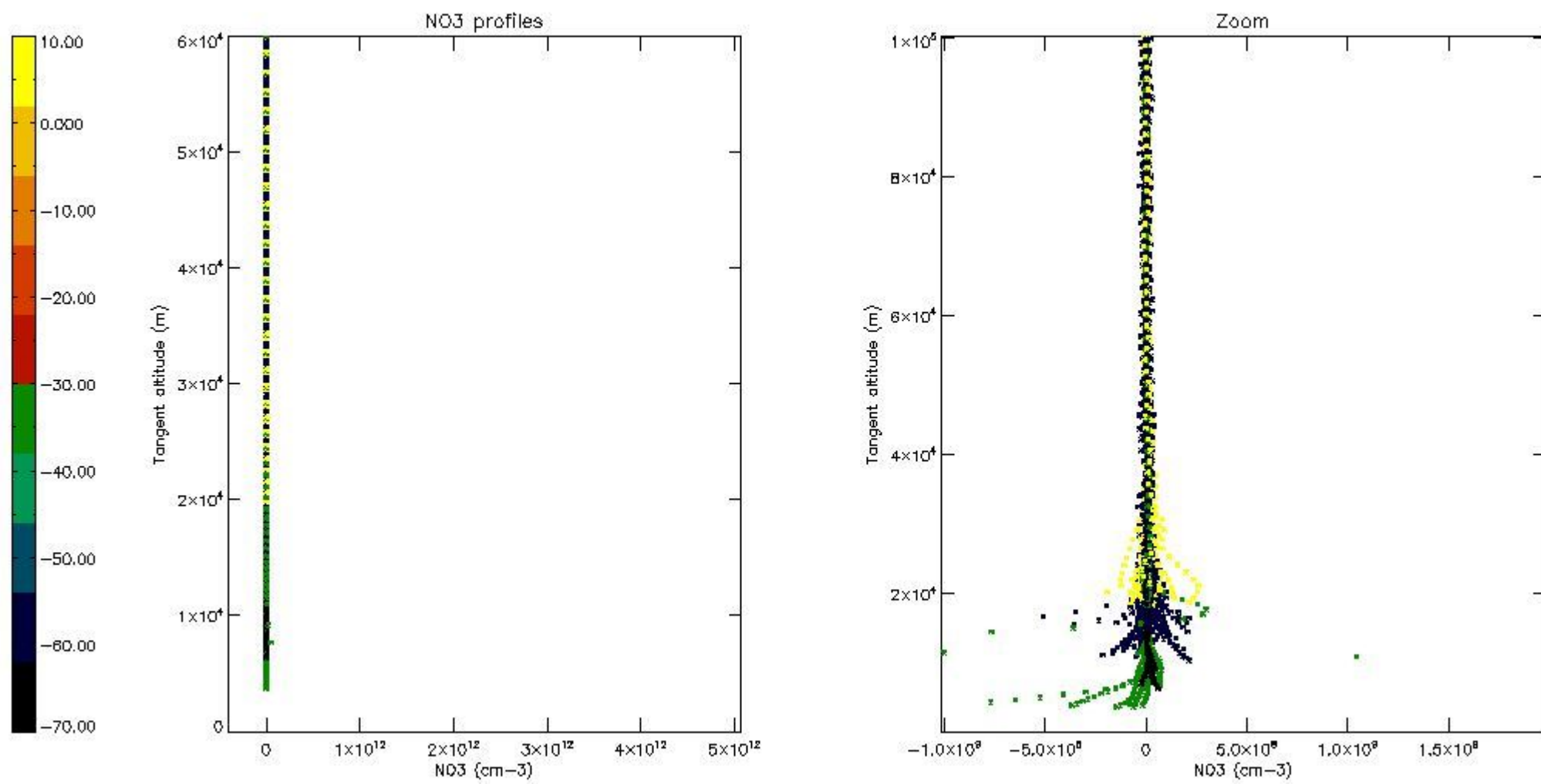
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



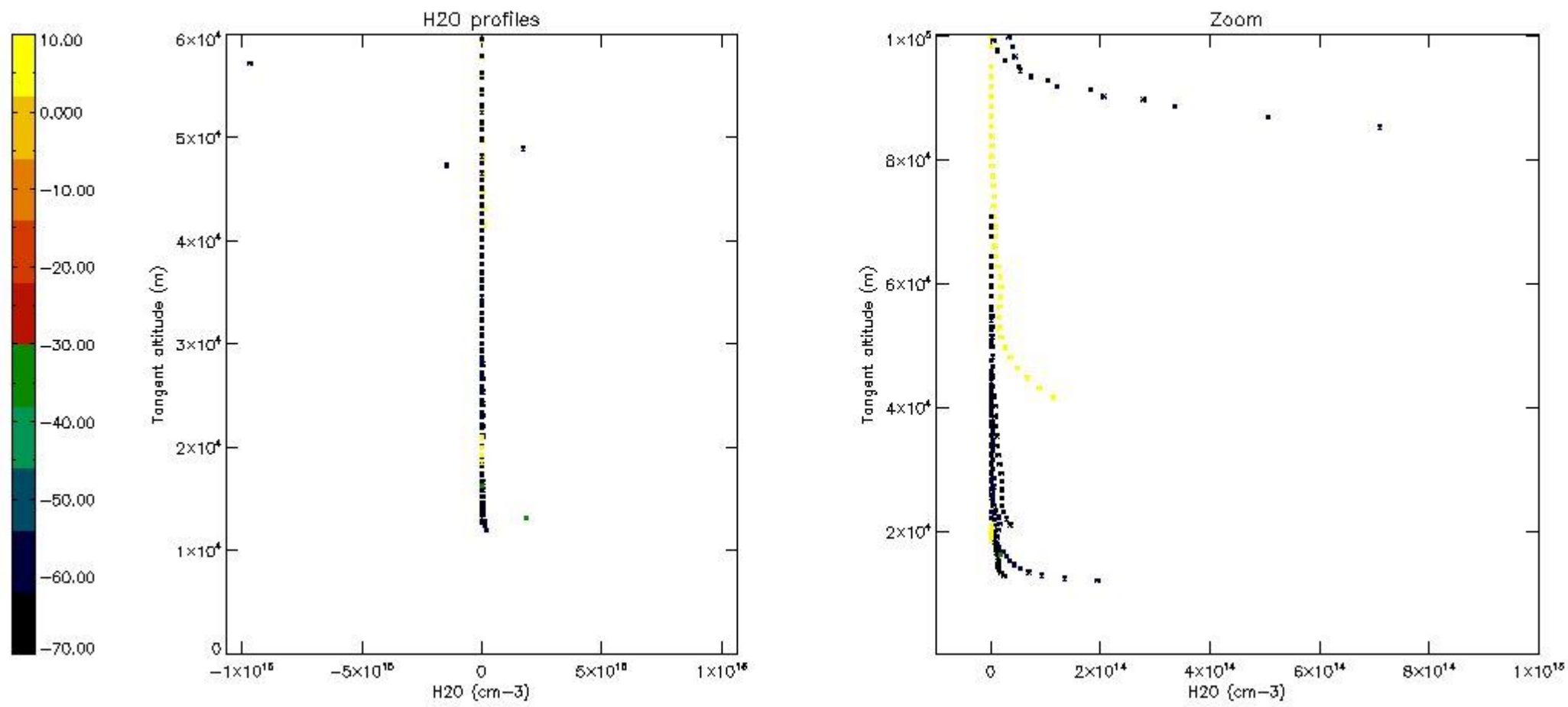
5.7 Plot NO3 profiles for all STD (dark without errors)

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	18-AUG-2005 02:11:45
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-AUG-2005 02:11:45
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-AUG-2005 02:11:45

GOMOS Level 2 Daily Report

SUMMARY

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

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[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	18APR2013 10:28:00
Data source version	GOMOS/6.01
Start time of products	18-08-2005 (18AUG2005 00:00:00)
Stop time of products	19-08-2005 (19AUG2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	112
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__2PRFIN20050818_021145_000000442040_00032_18122_5853.N1	18-AUG-2005 02:11:45	Straylight	44.000	148	Alp Tuc	2.8780	4100.0	88	18122	No
2	GOM_NL__2PRFIN20050818_023243_000000372040_00032_18122_5854.N1	18-AUG-2005 02:32:43	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	18122	No
3	GOM_NL__2PRFIN20050818_024251_000000352040_00032_18122_5855.N1	18-AUG-2005 02:42:51	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18122	No
4	GOM_NL__2PRFIN20050818_025532_000000322040_00032_18122_5856.N1	18-AUG-2005 02:55:32	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	18122	No
5	GOM_NL__2PRFIN20050818_032614_000000442040_00032_18122_5857.N1	18-AUG-2005 03:26:14	Dark	44.000	1	9Alp CMa	-1.4400	11000.	88	18122	No
6	GOM_NL__2PRFIN20050818_032749_000000372040_00032_18122_5858.N1	18-AUG-2005 03:27:49	Dark	36.500	179	24Omi2CMa	3.0320	24000.	73	18122	No
7	GOM_NL__2PRFIN20050818_032917_000000422040_00032_18122_5859.N1	18-AUG-2005 03:29:17	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	18122	No
8	GOM_NL__2PRFIN20050818_033607_000000442040_00032_18122_5860.N1	18-AUG-2005 03:36:07	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	18122	No
9	GOM_NL__2PRFIN20050818_034657_000000382040_00033_18123_5856.N1	18-AUG-2005 03:46:57	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18123	No
10	GOM_NL__2PRFIN20050818_035221_000000402040_00033_18123_5857.N1	18-AUG-2005 03:52:21	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	18123	No
11	GOM_NL__2PRFIN20050818_041319_000000392040_00033_18123_5858.N1	18-AUG-2005 04:13:19	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	18123	No
12	GOM_NL__2PRFIN20050818_042327_000000332040_00033_18123_5859.N1	18-AUG-2005 04:23:27	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	18123	No
13	GOM_NL__2PRFIN20050818_043608_000000362040_00033_18123_5860.N1	18-AUG-2005 04:36:08	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18123	No
14	GOM_NL__2PRFIN20050818_050650_000000482040_00033_18123_5861.N1	18-AUG-2005 05:06:50	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	18123	No
15	GOM_NL__2PRFIN20050818_050825_000000382040_00033_18123_5862.N1	18-AUG-2005 05:08:25	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	18123	No
16	GOM_NL__2PRFIN20050818_050953_000000412040_00033_18123_5863.N1	18-AUG-2005 05:09:53	Dark	40.500	23	21Eps CMa	1.5020	26000.	81	18123	No
17	GOM_NL__2PRFIN20050818_051643_000000522040_00033_18123_5864.N1	18-AUG-2005 05:16:43	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18123	No
18	GOM_NL__2PRFIN20050818_052733_000000372040_00034_18124_5858.N1	18-AUG-2005 05:27:33	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18124	No
19	GOM_NL__2PRFIN20050818_053258_000000402040_00034_18124_5859.N1	18-AUG-2005 05:32:58	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	18124	No
20	GOM_NL__2PRFIN20050818_053556_000000352040_00034_18124_5860.N1	18-AUG-2005 05:53:56	Bright	35.000	11	53Alp Aql	0.76500	8000.0	70	18124	No
21	GOM_NL__2PRFIN20050818_060403_000000362040_00034_18124_5861.N1	18-AUG-2005 06:04:03	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18124	No
22	GOM_NL__2PRFIN20050818_061644_000000342040_00034_18124_5862.N1	18-AUG-2005 06:16:44	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	18124	No
23	GOM_NL__2PRFIN20050818_064727_000000372040_00034_18124_5863.N1	18-AUG-2005 06:47:27	Dark	36.500	1	9Alp CMa	-1.4400	11000.	73	18124	No
24	GOM_NL__2PRFIN20050818_064902_000000352040_00034_18124_5864.N1	18-AUG-2005 06:49:02	Dark	35.000	179	24Omi2CMa	3.0320	24000.	70	18124	No
25	GOM_NL__2PRFIN20050818_065029_000000422040_00034_18124_5865.N1	18-AUG-2005 06:50:29	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	18124	No
26	GOM_NL__2PRFIN20050818_065719_000000452040_00034_18124_5866.N1	18-AUG-2005 06:57:19	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	18124	No
27	GOM_NL__2PRFIN20050818_070810_000000382040_00035_18125_5880.N1	18-AUG-2005 07:08:10	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18125	No
28	GOM_NL__2PRFIN20050818_071334_000000442040_00035_18125_5881.N1	18-AUG-2005 07:13:34	Straylight	44.000	148	Alp Tuc	2.8780	4100.0	88	18125	No
29	GOM_NL__2PRFIN20050818_073432_000000352040_00035_18125_5882.N1	18-AUG-2005 07:34:32	Bright	35.000	11	53Alp Aql	0.76500	8000.0	70	18125	No
30	GOM_NL__2PRFIN20050818_074439_000000352040_00035_18125_5883.N1	18-AUG-2005 07:44:39	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18125	No
31	GOM_NL__2PRFIN20050818_075720_000000332040_00035_18125_5884.N1	18-AUG-2005 07:57:20	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	18125	No
32	GOM_NL__2PRFIN20050818_082803_000000382040_00035_18125_5885.N1	18-AUG-2005 08:28:03	Dark	37.500	1	9Alp CMa	-1.4400	11000.	75	18125	No
33	GOM_NL__2PRFIN20050818_082938_000000392040_00035_18125_5886.N1	18-AUG-2005 08:29:38	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	18125	No
34	GOM_NL__2PRFIN20050818_083105_000000422040_00035_18125_5887.N1	18-AUG-2005 08:31:05	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	18125	No
35	GOM_NL__2PRFIN20050818_083755_000000512040_00035_18125_5888.N1	18-AUG-2005 08:37:55	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	18125	No
36	GOM_NL__2PRFIN20050818_084846_000000362040_00036_18126_5882.N1	18-AUG-2005 08:48:46	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	18126	No
37	GOM_NL__2PRFIN20050818_085410_000000402040_00036_18126_5883.N1	18-AUG-2005 08:54:10	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	18126	No
38	GOM_NL__2PRFIN20050818_100839_000000462040_00036_18126_5884.N1	18-AUG-2005 10:08:39	Dark	45.500	1	9Alp CMa	-1.4400	11000.	91	18126	No
39	GOM_NL__2PRFIN20050818_101014_000000372040_00036_18126_5885.N1	18-AUG-2005 10:10:14	Dark	37.000	179	24Omi2CMa	3.0320	24000.	74	18126	No
40	GOM_NL__2PRFIN20050818_101141_000000422040_00036_18126_5886.N1	18-AUG-2005 10:11:41	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	18126	No
41	GOM_NL__2PRFIN20050818_101832_000000522040_00036_18126_5887.N1	18-AUG-2005 10:18:32	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18126	No
42	GOM_NL__2PRFIN20050818_102922_000000382040_00037_18127_5884.N1	18-AUG-2005 10:29:22	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18127	No

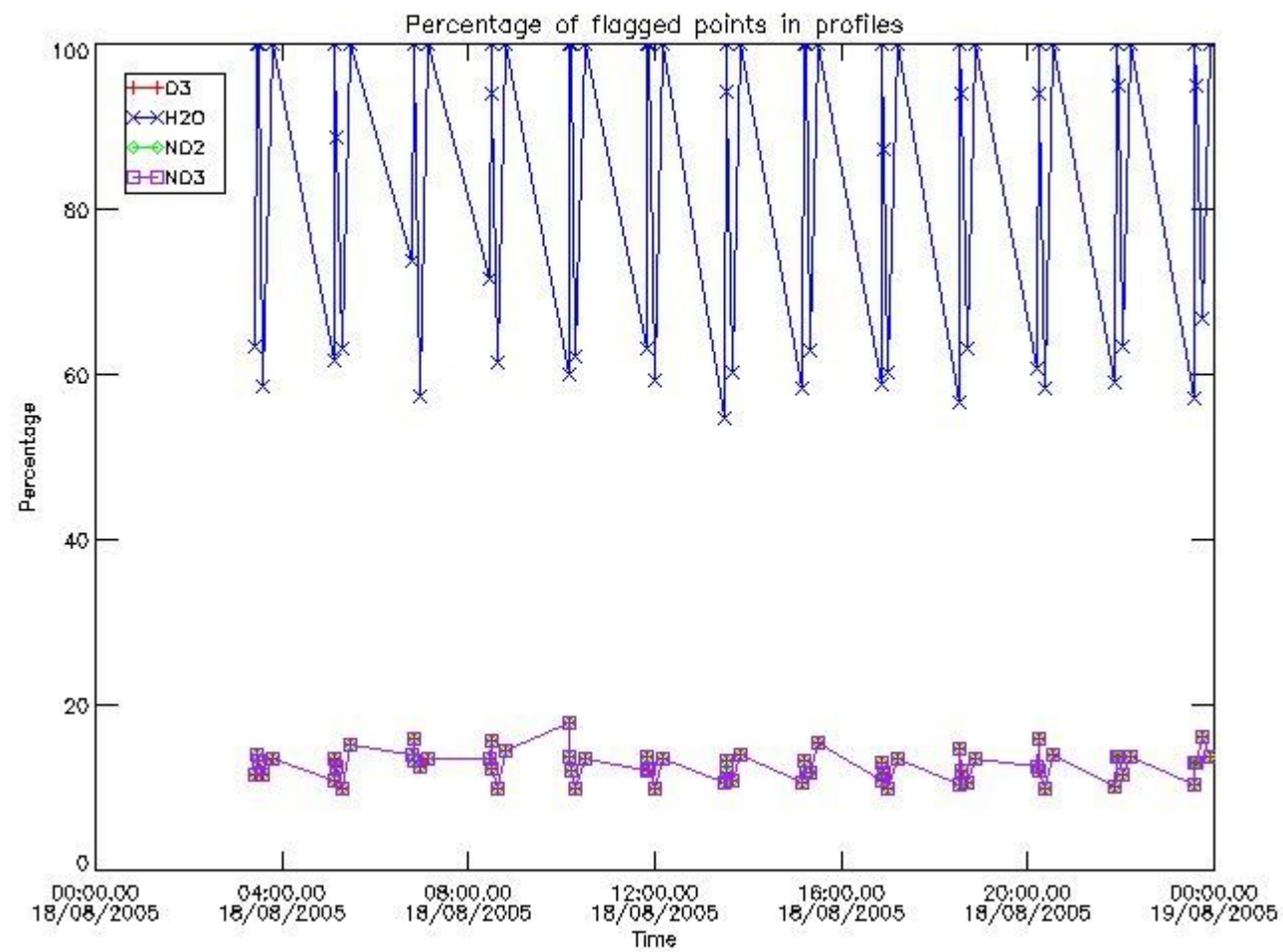
43	GOM_NL__2PRFIN20050818_103447_000000422040_00037_18127_5885.N1	18-AUG-2005 10:34:47	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	18127	No
44	GOM_NL__2PRFIN20050818_105544_000000372040_00037_18127_5886.N1	18-AUG-2005 10:55:44	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	18127	No
45	GOM_NL__2PRFIN20050818_110551_000000362040_00037_18127_5887.N1	18-AUG-2005 11:05:51	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18127	No
46	GOM_NL__2PRFIN20050818_114915_000000432040_00037_18127_5888.N1	18-AUG-2005 11:49:15	Dark	42.500	1	9Alp CMa	-1.4400	11000.	85	18127	No
47	GOM_NL__2PRFIN20050818_115050_000000372040_00037_18127_5889.N1	18-AUG-2005 11:50:50	Dark	37.000	179	24Omi2CMa	3.0320	24000.	74	18127	No
48	GOM_NL__2PRFIN20050818_115218_000000422040_00037_18127_5890.N1	18-AUG-2005 11:52:18	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	18127	No
49	GOM_NL__2PRFIN20050818_115908_000000522040_00037_18127_5891.N1	18-AUG-2005 11:59:08	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18127	No
50	GOM_NL__2PRFIN20050818_120958_000000382040_00038_18128_5885.N1	18-AUG-2005 12:09:58	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18128	No
51	GOM_NL__2PRFIN20050818_121523_000000402040_00038_18128_5886.N1	18-AUG-2005 12:15:23	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	18128	No
52	GOM_NL__2PRFIN20050818_123620_000000372040_00038_18128_5887.N1	18-AUG-2005 12:36:20	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	18128	No
53	GOM_NL__2PRFIN20050818_124626_000000352040_00038_18128_5888.N1	18-AUG-2005 12:46:26	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18128	No
54	GOM_NL__2PRFIN20050818_125908_000000362040_00038_18128_5889.N1	18-AUG-2005 12:59:08	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	18128	No
55	GOM_NL__2PRFIN20050818_132952_000000482040_00038_18128_5890.N1	18-AUG-2005 13:29:52	Dark	48.000	1	9Alp CMa	-1.4400	11000.	96	18128	No
56	GOM_NL__2PRFIN20050818_133126_000000392040_00038_18128_5891.N1	18-AUG-2005 13:31:26	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	18128	No
57	GOM_NL__2PRFIN20050818_133254_000000432040_00038_18128_5892.N1	18-AUG-2005 13:32:54	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	18128	No
58	GOM_NL__2PRFIN20050818_133944_000000472040_00038_18128_5893.N1	18-AUG-2005 13:39:44	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	18128	No
59	GOM_NL__2PRFIN20050818_135034_000000372040_00039_18129_5887.N1	18-AUG-2005 13:50:34	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	18129	No
60	GOM_NL__2PRFIN20050818_135559_000000412040_00039_18129_5888.N1	18-AUG-2005 13:55:59	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	18129	No
61	GOM_NL__2PRFIN20050818_141656_000000362040_00039_18129_5889.N1	18-AUG-2005 14:16:56	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18129	No
62	GOM_NL__2PRFIN20050818_142703_000000352040_00039_18129_5890.N1	18-AUG-2005 14:27:03	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18129	No
63	GOM_NL__2PRFIN20050818_143944_000000352040_00039_18129_5891.N1	18-AUG-2005 14:39:44	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	18129	No
64	GOM_NL__2PRFIN20050818_151028_000000492040_00039_18129_5892.N1	18-AUG-2005 15:10:28	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	18129	No
65	GOM_NL__2PRFIN20050818_151203_000000392040_00039_18129_5893.N1	18-AUG-2005 15:12:03	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	18129	No
66	GOM_NL__2PRFIN20050818_151330_000000432040_00039_18129_5894.N1	18-AUG-2005 15:13:30	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	18129	No
67	GOM_NL__2PRFIN20050818_152020_000000442040_00039_18129_5895.N1	18-AUG-2005 15:20:20	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	18129	No
68	GOM_NL__2PRFIN20050818_153110_000000372040_00040_18130_5888.N1	18-AUG-2005 15:31:10	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	18130	No
69	GOM_NL__2PRFIN20050818_153635_000000402040_00040_18130_5889.N1	18-AUG-2005 15:36:35	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	18130	No
70	GOM_NL__2PRFIN20050818_155732_000000352040_00040_18130_5890.N1	18-AUG-2005 15:57:32	Bright	35.000	11	53Alp Aql	0.76500	8000.0	70	18130	No
71	GOM_NL__2PRFIN20050818_160739_000000332040_00040_18130_5891.N1	18-AUG-2005 16:07:39	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	18130	No
72	GOM_NL__2PRFIN20050818_162020_000000362040_00040_18130_5892.N1	18-AUG-2005 16:20:20	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18130	No
73	GOM_NL__2PRFIN20050818_165104_000000472040_00040_18130_5893.N1	18-AUG-2005 16:51:04	Dark	46.500	1	9Alp CMa	-1.4400	11000.	93	18130	No
74	GOM_NL__2PRFIN20050818_165239_000000402040_00040_18130_5894.N1	18-AUG-2005 16:52:39	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	18130	No
75	GOM_NL__2PRFIN20050818_165406_000000442040_00040_18130_5895.N1	18-AUG-2005 16:54:06	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	18130	No
76	GOM_NL__2PRFIN20050818_170056_000000522040_00040_18130_5896.N1	18-AUG-2005 17:00:56	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18130	No
77	GOM_NL__2PRFIN20050818_171146_000000372040_00041_18131_5890.N1	18-AUG-2005 17:11:46	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18131	No
78	GOM_NL__2PRFIN20050818_173808_000000362040_00041_18131_5891.N1	18-AUG-2005 17:38:08	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18131	No
79	GOM_NL__2PRFIN20050818_174815_000000342040_00041_18131_5892.N1	18-AUG-2005 17:48:15	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	18131	No
80	GOM_NL__2PRFIN20050818_180056_000000362040_00041_18131_5893.N1	18-AUG-2005 18:00:56	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18131	No
81	GOM_NL__2PRFIN20050818_183141_000000492040_00041_18131_5894.N1	18-AUG-2005 18:31:41	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	18131	No
82	GOM_NL__2PRFIN20050818_183315_000000382040_00041_18131_5895.N1	18-AUG-2005 18:33:15	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	18131	No
83	GOM_NL__2PRFIN20050818_183443_000000422040_00041_18131_5896.N1	18-AUG-2005 18:34:43	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	18131	No
84	GOM_NL__2PRFIN20050818_184133_000000482040_00041_18131_5897.N1	18-AUG-2005 18:41:33	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	18131	No
85	GOM_NL__2PRFIN20050818_185223_000000382040_00042_18132_5892.N1	18-AUG-2005 18:52:23	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18132	No
86	GOM_NL__2PRFIN20050818_185748_000000412040_00042_18132_5893.N1	18-AUG-2005 18:57:48	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	18132	No
87	GOM_NL__2PRFIN20050818_191844_000000372040_00042_18132_5894.N1	18-AUG-2005 19:18:44	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	18132	No
88	GOM_NL__2PRFIN20050818_192851_000000352040_00042_18132_5895.N1	18-AUG-2005 19:28:51	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18132	No
89	GOM_NL__2PRFIN20050818_194132_000000362040_00042_18132_5896.N1	18-AUG-2005 19:41:32	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	18132	No
90	GOM_NL__2PRFIN20050818_201217_000000452040_00042_18132_5897.N1	18-AUG-2005 20:12:17	Dark	45.000	1	9Alp CMa	-1.4400	11000.	90	18132	No
91	GOM_NL__2PRFIN20050818_201351_000000392040_00042_18132_5898.N1	18-AUG-2005 20:13:51	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	18132	No
92	GOM_NL__2PRFIN20050818_201519_000000422040_00042_18132_5899.N1	18-AUG-2005 20:15:19	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	18132	No
93	GOM_NL__2PRFIN20050818_202209_000000522040_00042_18132_5900.N1	18-AUG-2005 20:22:09	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18132	No
94	GOM_NL__2PRFIN20050818_203259_000000372040_00043_18133_5893.N1	18-AUG-2005 20:32:59	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	18133	No
95	GOM_NL__2PRFIN20050818_203824_000000382040_00043_18133_5894.N1	18-AUG-2005 20:38:24	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	18133	No
96	GOM_NL__2PRFIN20050818_205920_000000362040_00043_18133_5895.N1	18-AUG-2005 20:59:20	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18133	No
97	GOM_NL__2PRFIN20050818_212207_000000352040_00043_18133_5896.N1	18-AUG-2005 21:22:07	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	18133	No
98	GOM_NL__2PRFIN20050818_215253_000000512040_00043_18133_5897.N1	18-AUG-2005 21:52:53	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	18133	No
99	GOM_NL__2PRFIN20050818_215428_000000372040_00043_18133_5898.N1	18-AUG-2005 21:54:28	Dark	37.000	179	24Omi2CMa	3.0320	24000.	74	18133	No
100	GOM_NL__2PRFIN20050818_215555_000000412040_00043_18133_5899.N1	18-AUG-2005 21:55:55	Dark	40.500	23	21Eps CMa	1.5020	26000.	81	18133	No
101	GOM_NL__2PRFIN20050818_220245_000000442040_00043_18133_5900.N1	18-AUG-2005 22:02:45	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	18133	No

102	GOM_NL__2PRFIN20050818_221335_000000372040_00044_18134_5894.N1	18-AUG-2005 22: 13: 35	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18134	No
103	GOM_NL__2PRFIN20050818_221900_000000382040_00044_18134_5895.N1	18-AUG-2005 22: 19: 00	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	18134	No
104	GOM_NL__2PRFIN20050818_223956_000000352040_00044_18134_5896.N1	18-AUG-2005 22: 39: 56	Bright	35.000	11	53Alp Aql	0.76500	8000.0	70	18134	No
105	GOM_NL__2PRFIN20050818_225003_000000352040_00044_18134_5897.N1	18-AUG-2005 22: 50: 03	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18134	No
106	GOM_NL__2PRFIN20050818_230243_000000362040_00044_18134_5898.N1	18-AUG-2005 23: 02: 43	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18134	No
107	GOM_NL__2PRFIN20050818_233329_000000502040_00044_18134_5899.N1	18-AUG-2005 23: 33: 29	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	18134	No
108	GOM_NL__2PRFIN20050818_233504_000000392040_00044_18134_5900.N1	18-AUG-2005 23: 35: 04	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	18134	No
109	GOM_NL__2PRFIN20050818_233631_000000402040_00044_18134_5901.N1	18-AUG-2005 23: 36: 31	Dark	39.500	23	21Eps CMa	1.5020	26000.	79	18134	No
110	GOM_NL__2PRFIN20050818_234321_000000472040_00044_18134_5902.N1	18-AUG-2005 23: 43: 21	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	18134	No
111	GOM_NL__2PRFIN20050818_235411_000000372040_00045_18135_5915.N1	18-AUG-2005 23: 54: 11	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18135	No
112	GOM_NL__2PRFIN20050818_235936_000000382040_00045_18135_5916.N1	18-AUG-2005 23: 59: 36	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	18135	No

3. Quality information per product

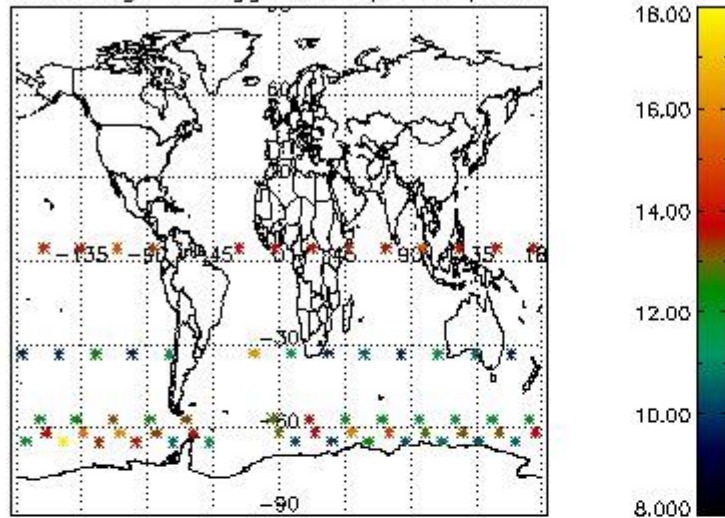
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

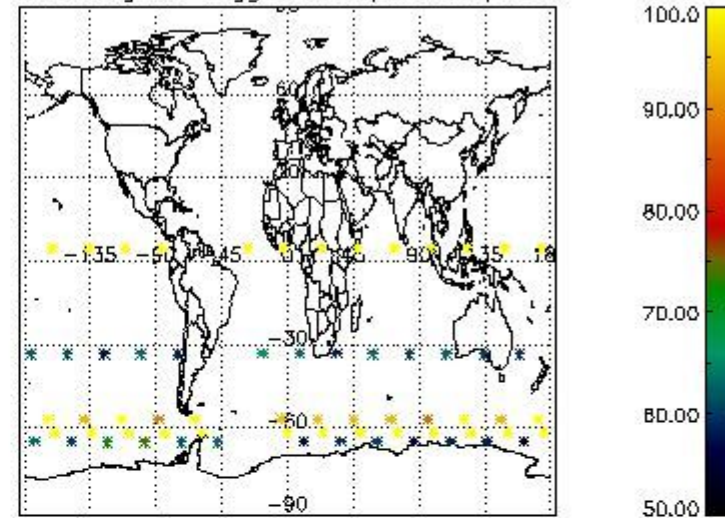


3.2 Plot quality information per product (world map)

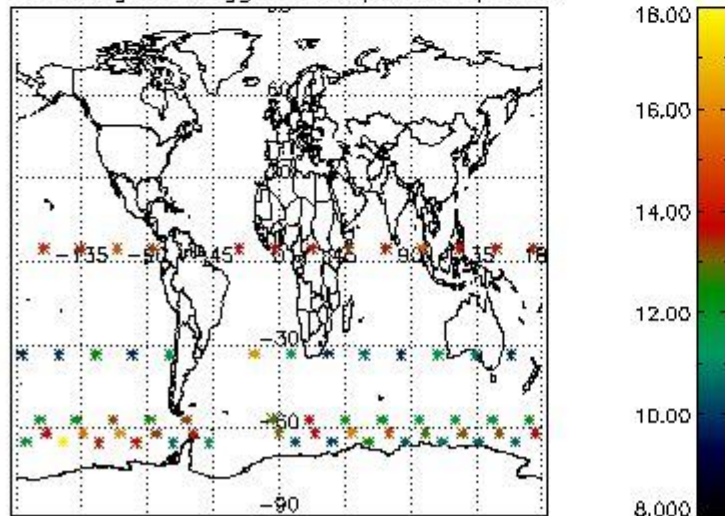
Percentage of flagged data per O3 profile



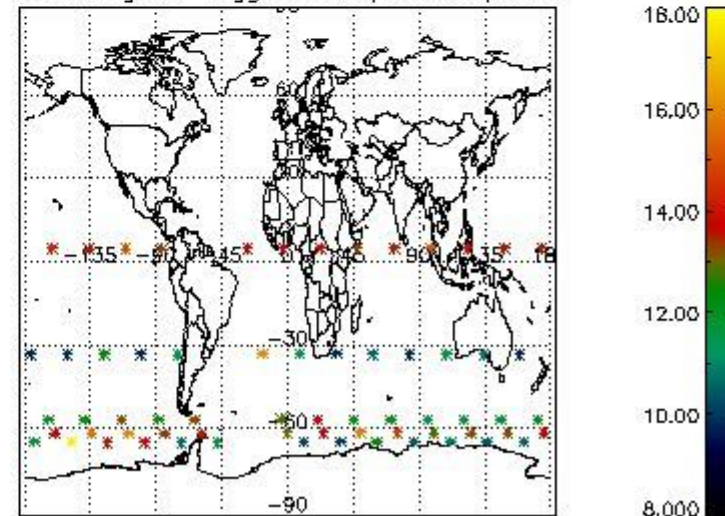
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

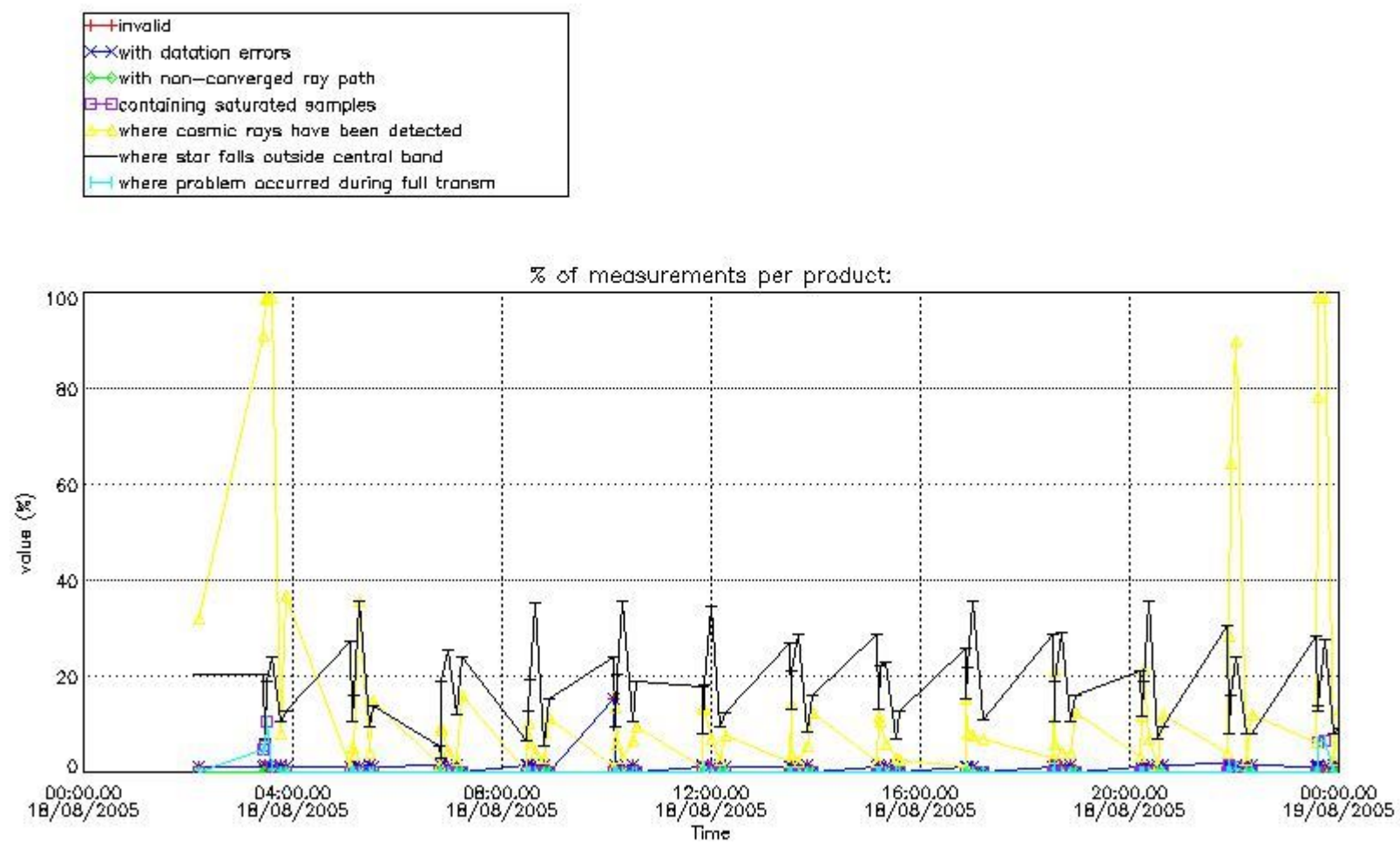


4. Level 1 quality information per product

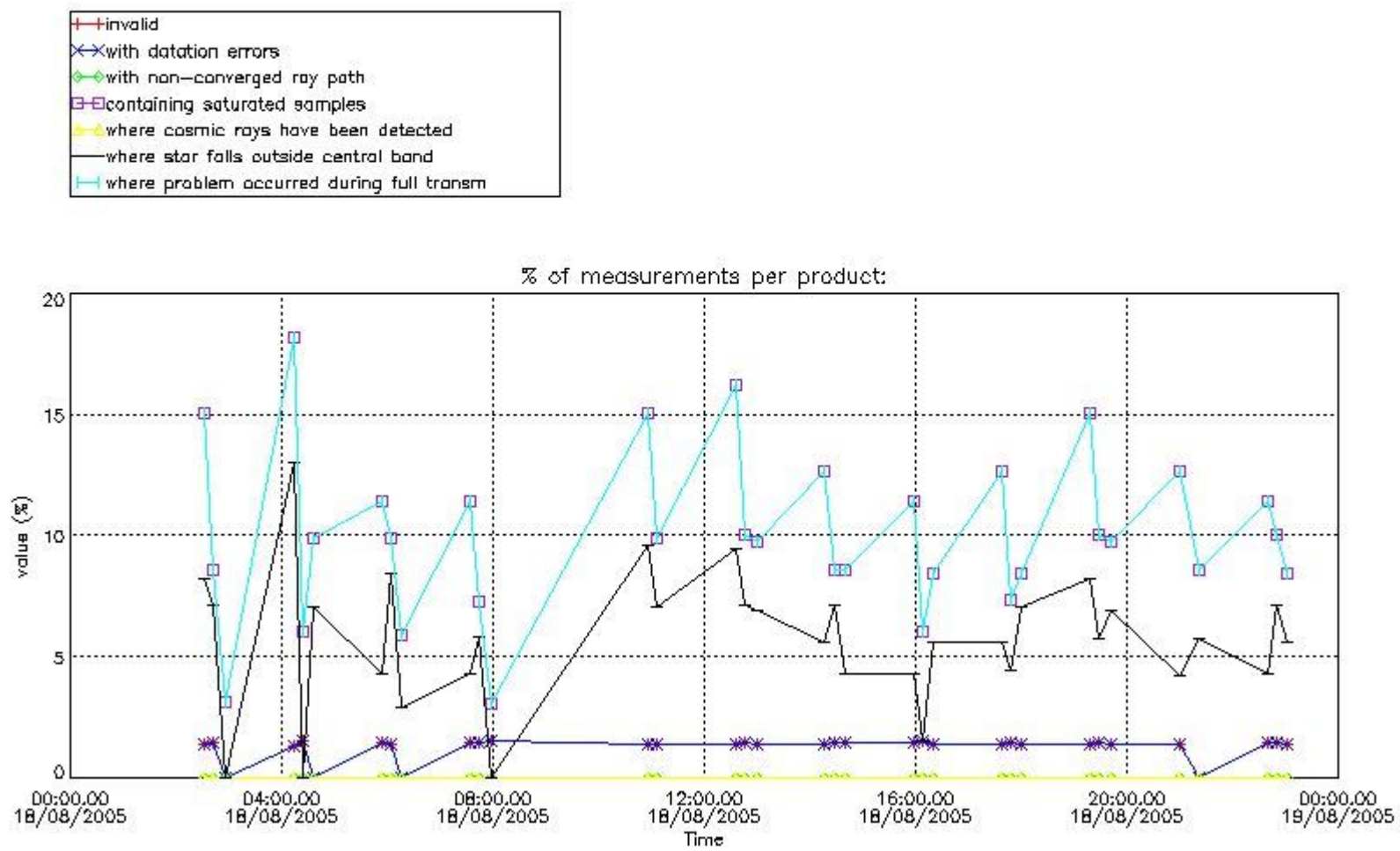
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



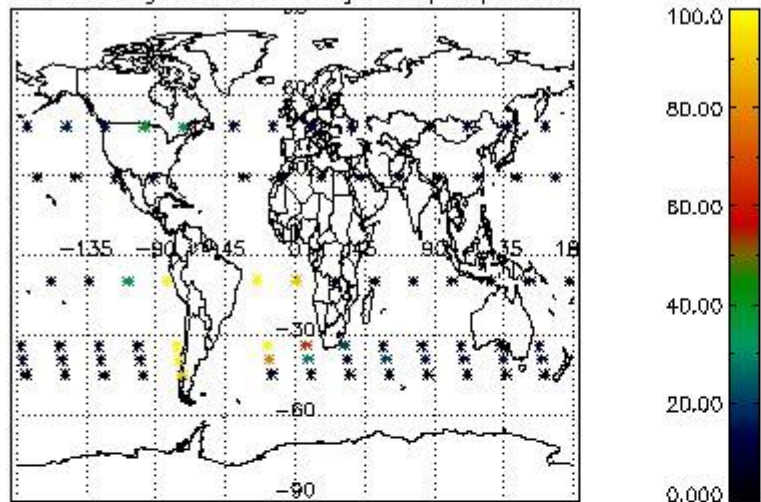
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



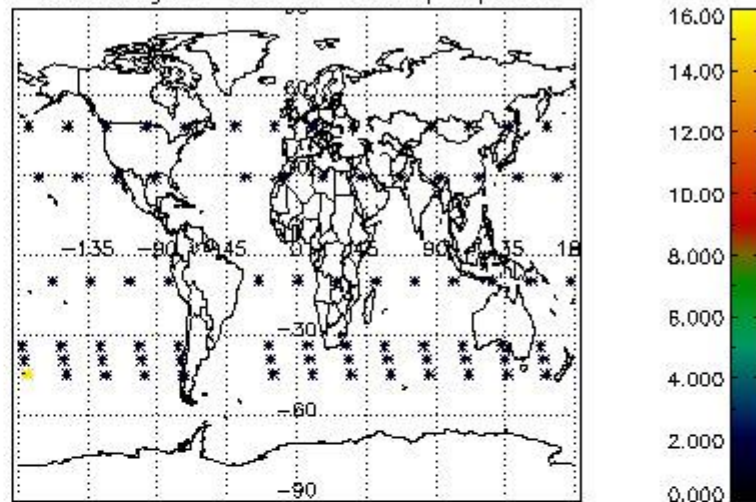
4.2 Plot quality information per product coming from level 1b processing (world map)

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

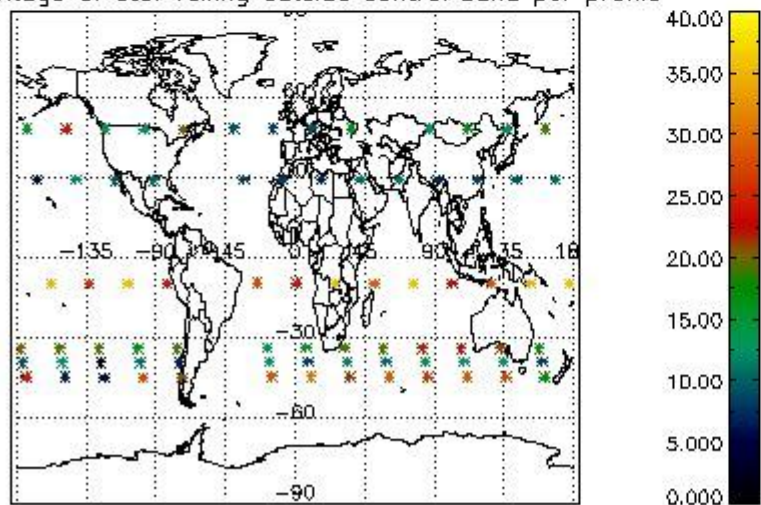
Percentage of cosmic ray hits per profile



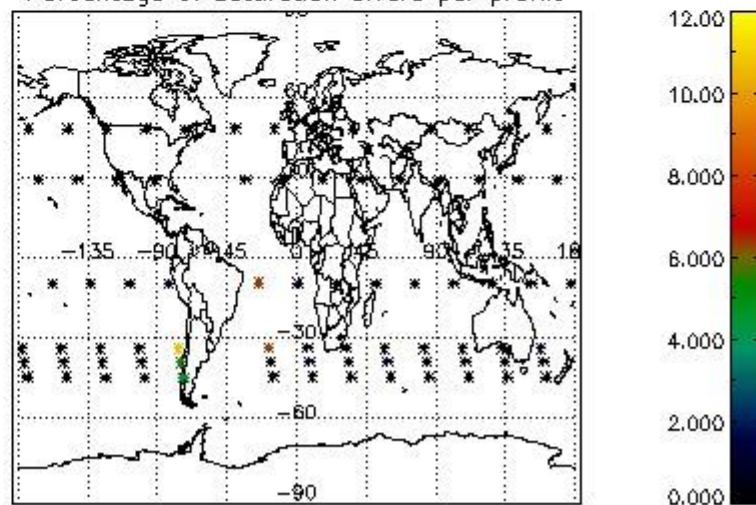
Percentage of datation errors per profile



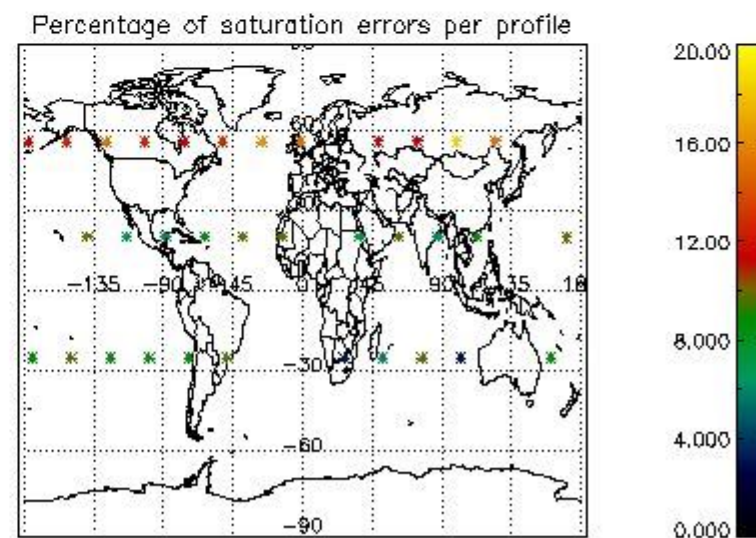
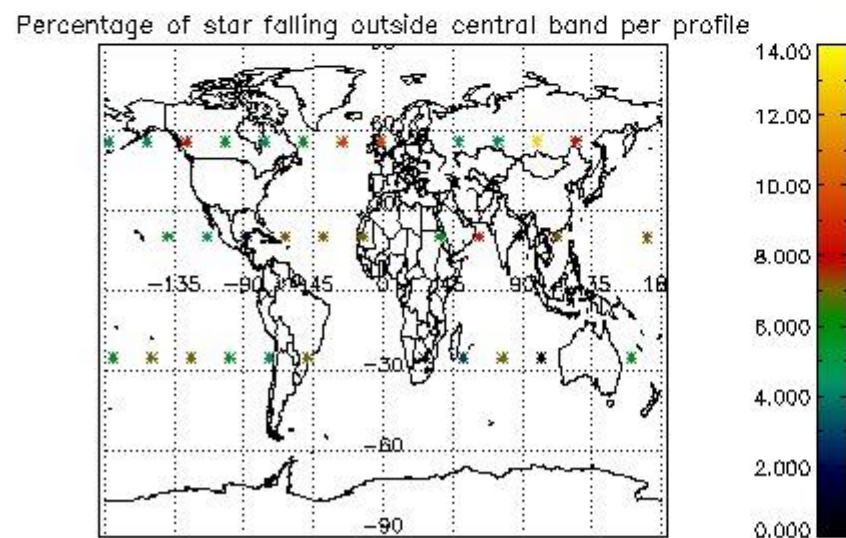
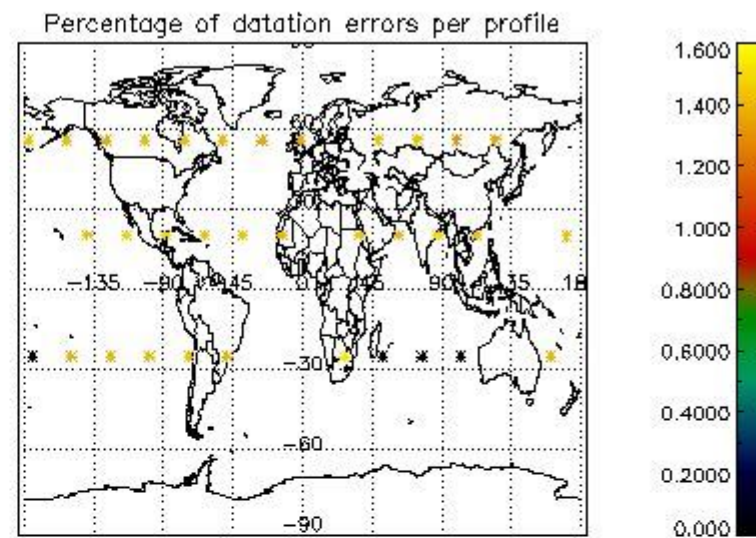
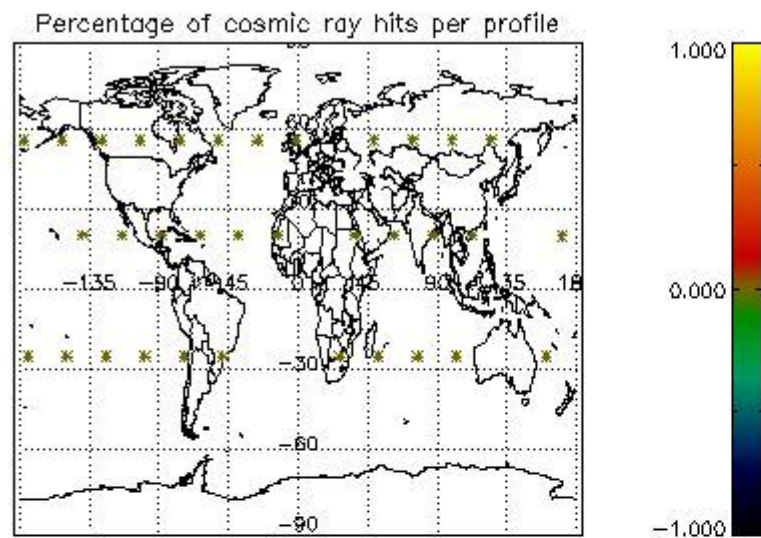
Percentage of star falling outside central band per profile



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

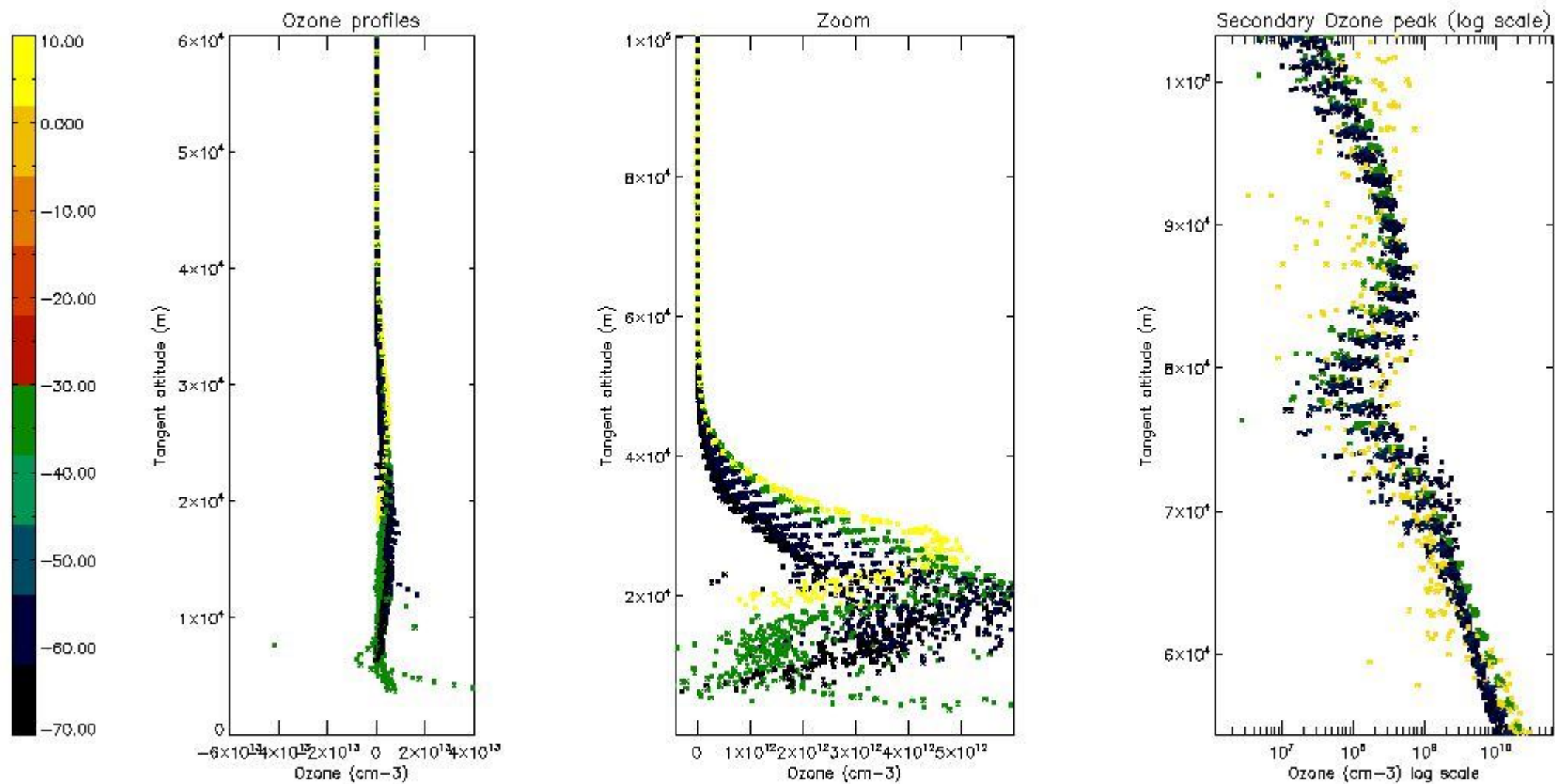
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	62
STD < 20	42

STD < 10	35
STD < 5	27

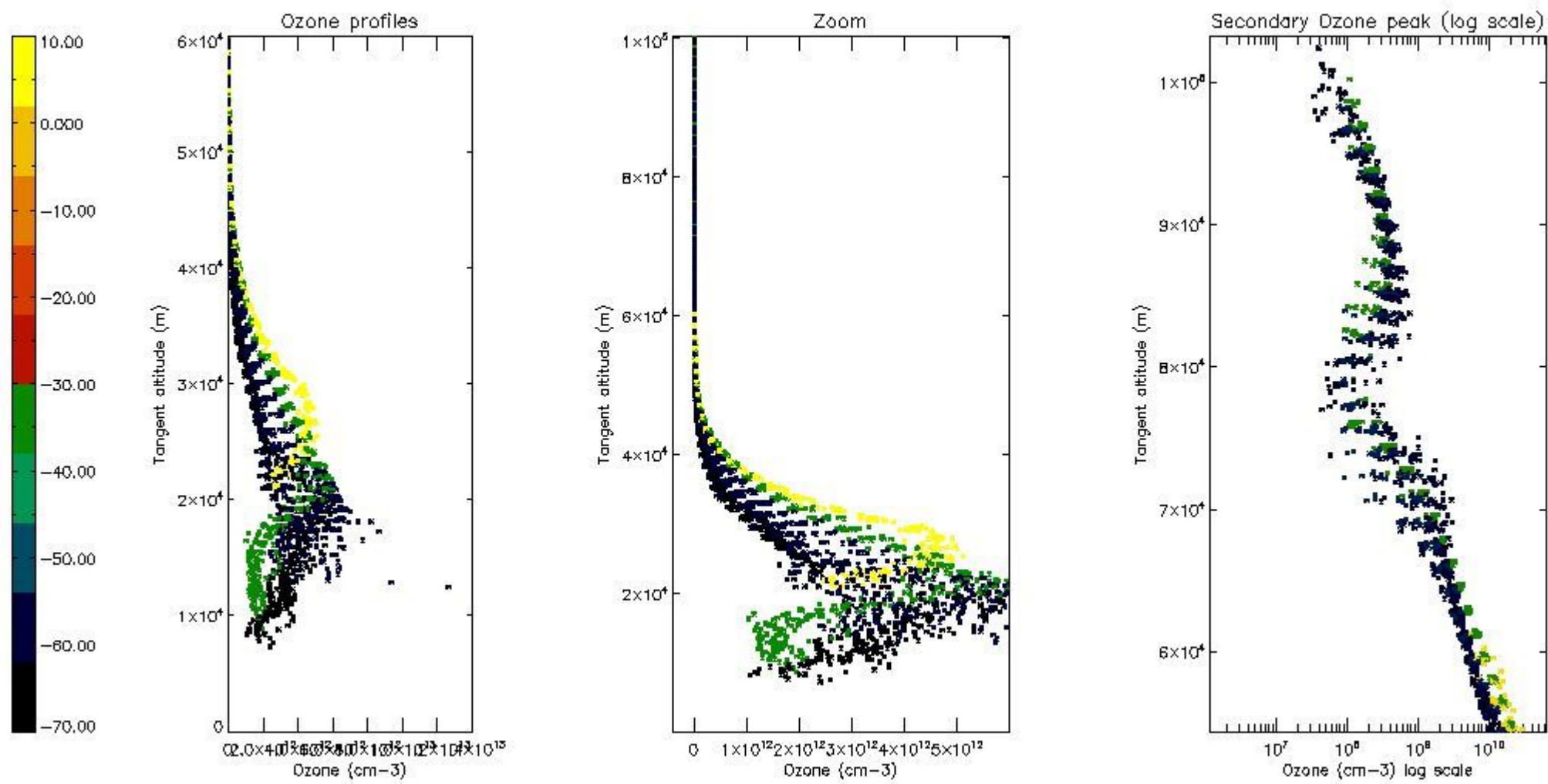
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



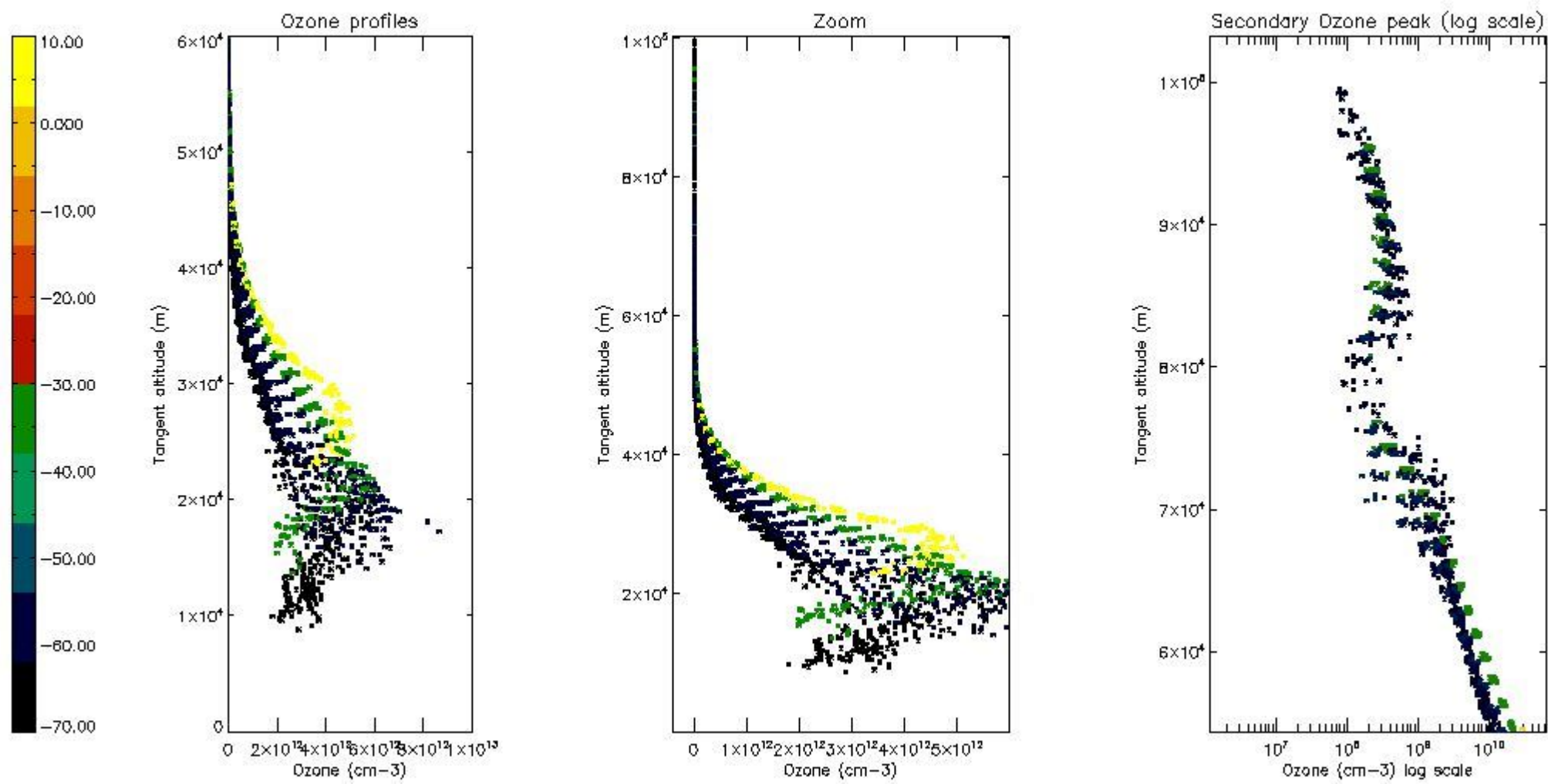
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



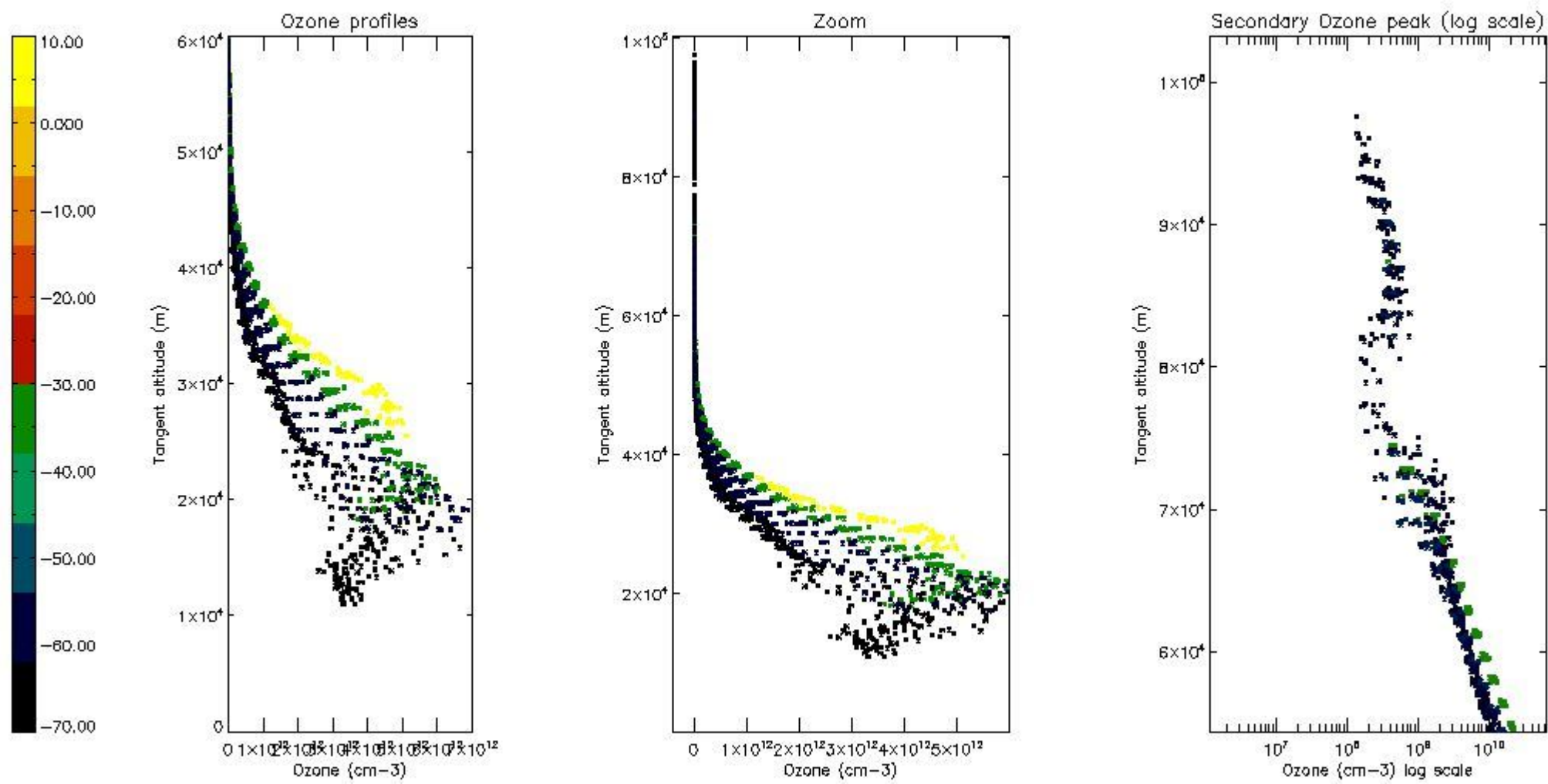
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



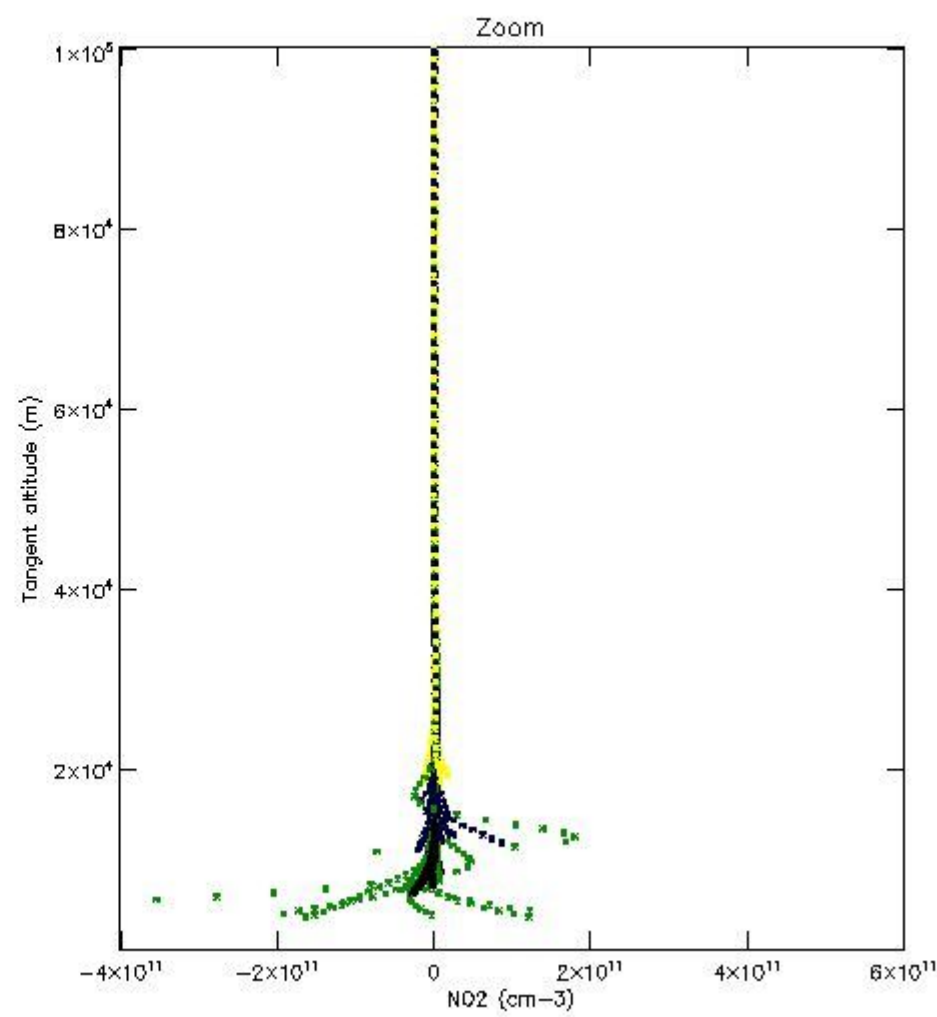
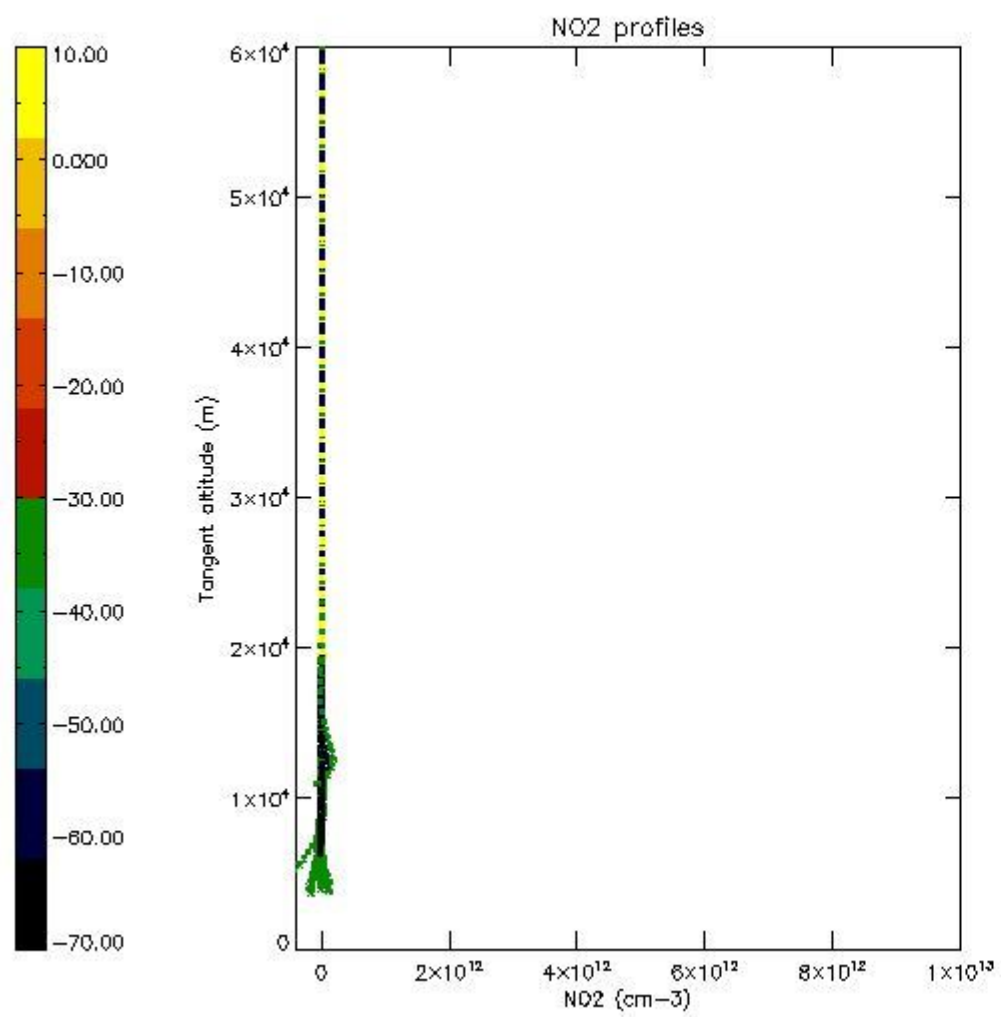
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



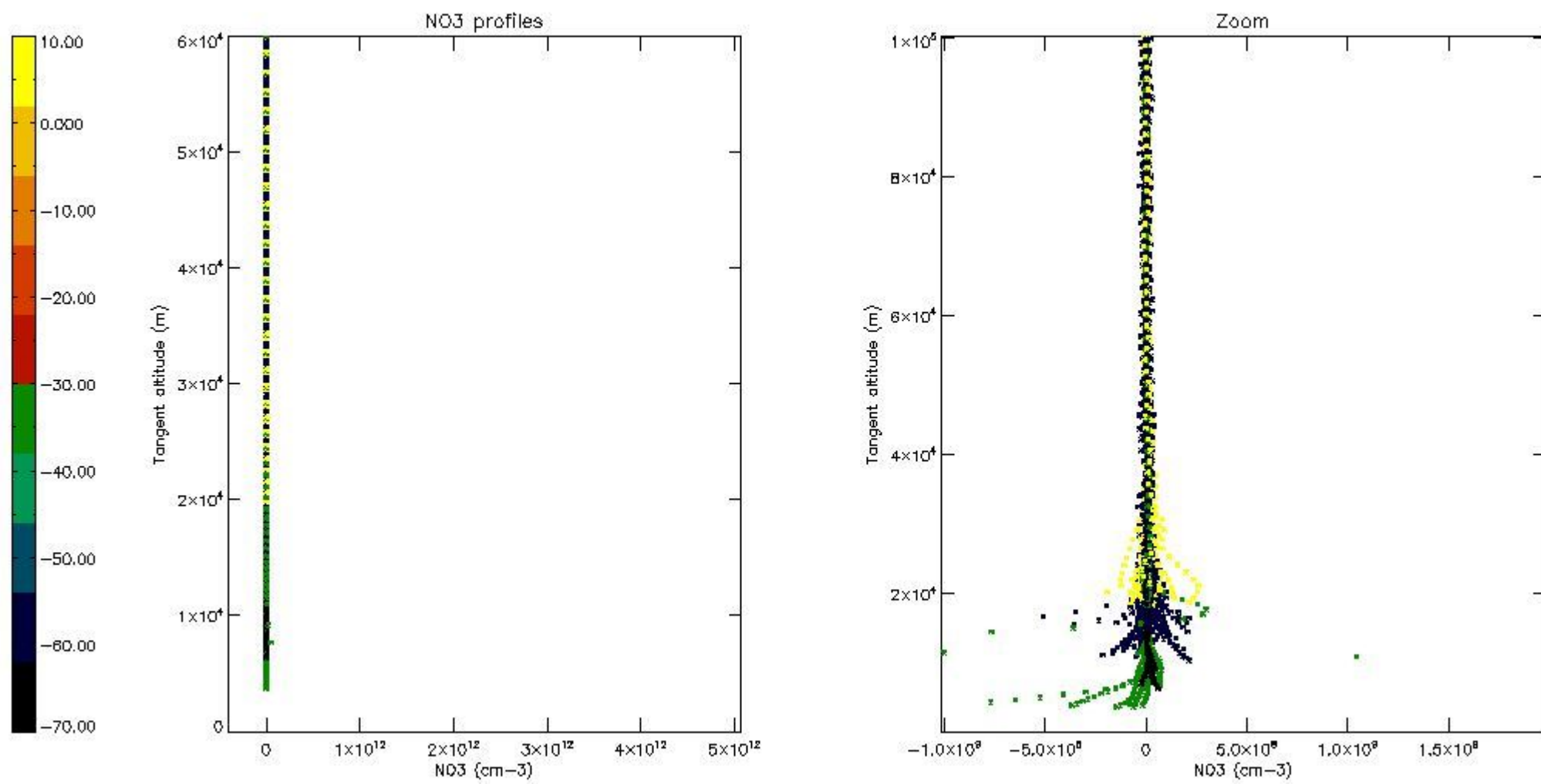
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



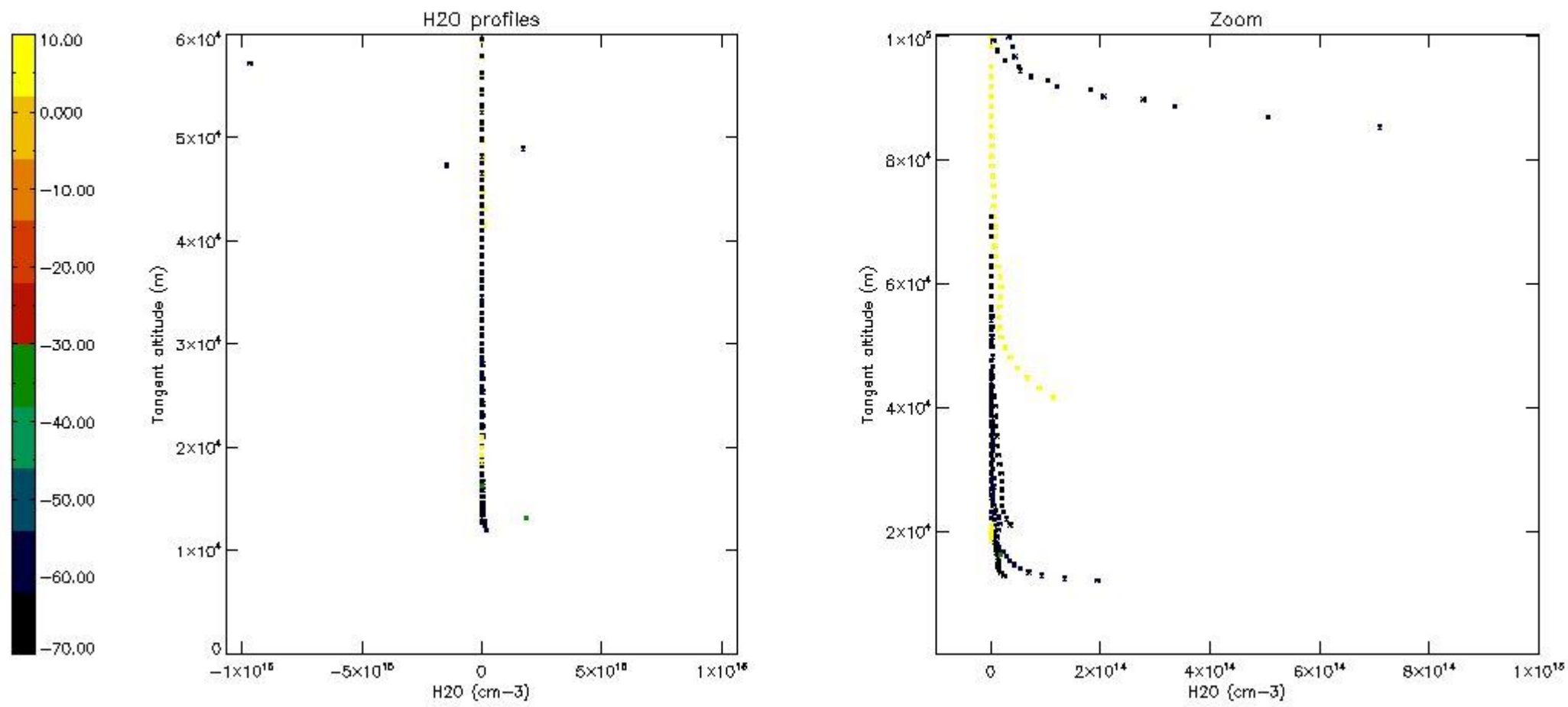
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

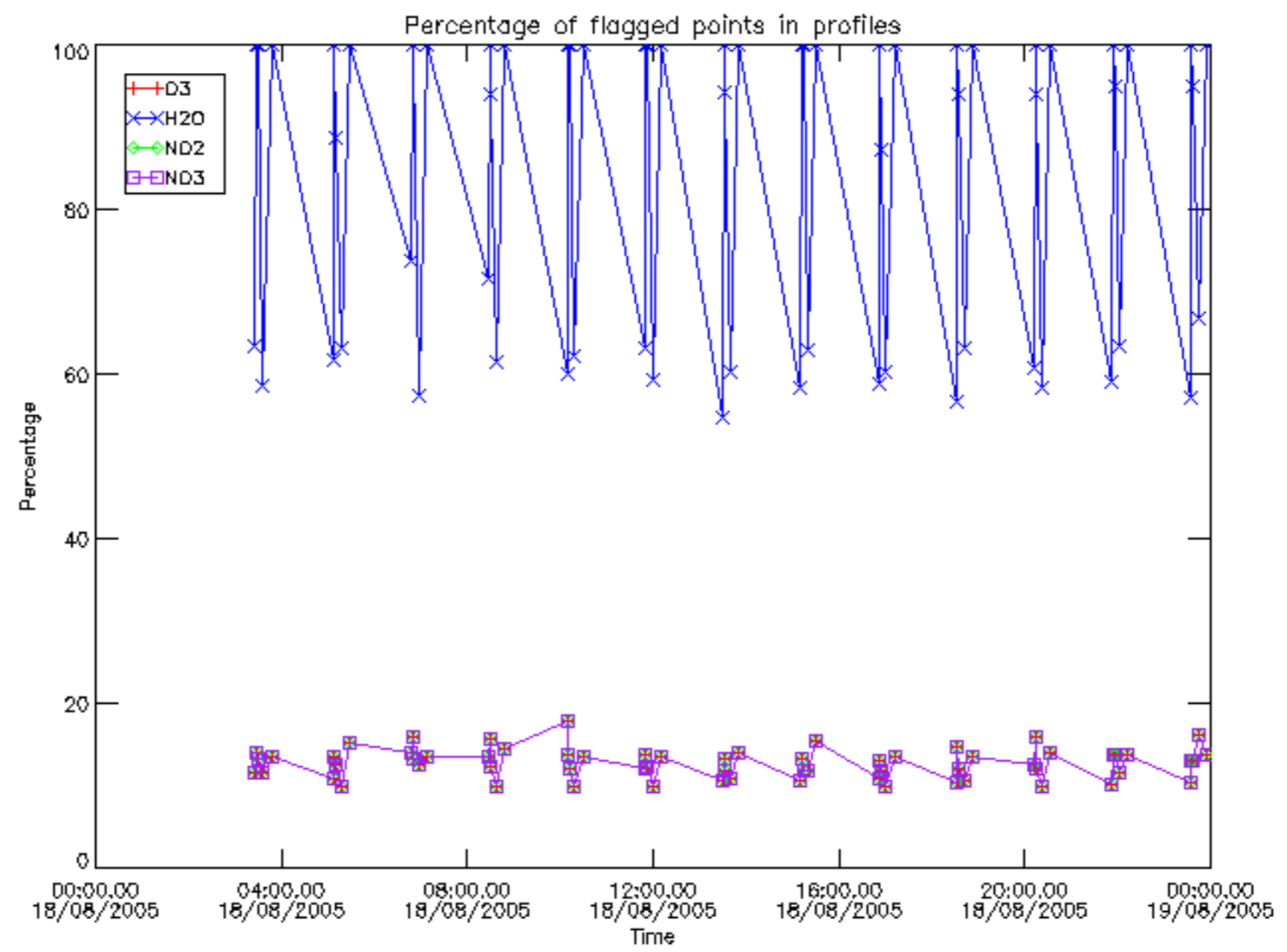
The colorbar represents the latitude.



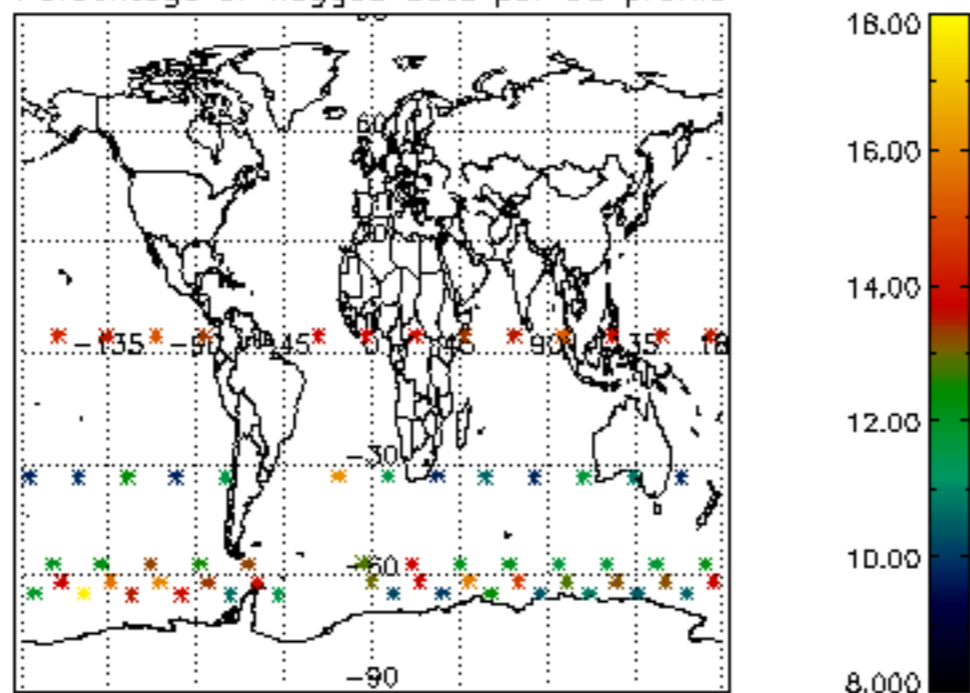
6. Auxiliary Data Files used for the production reported in section 2

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.

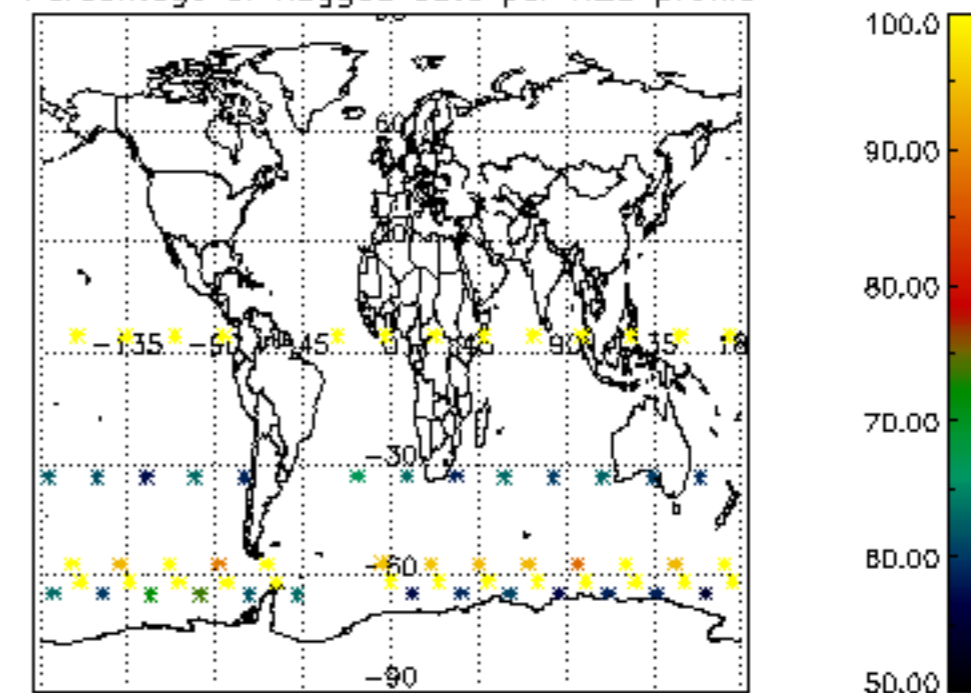
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-AUG-2005 02:11:45
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-AUG-2005 02:11:45
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-AUG-2005 02:11:45



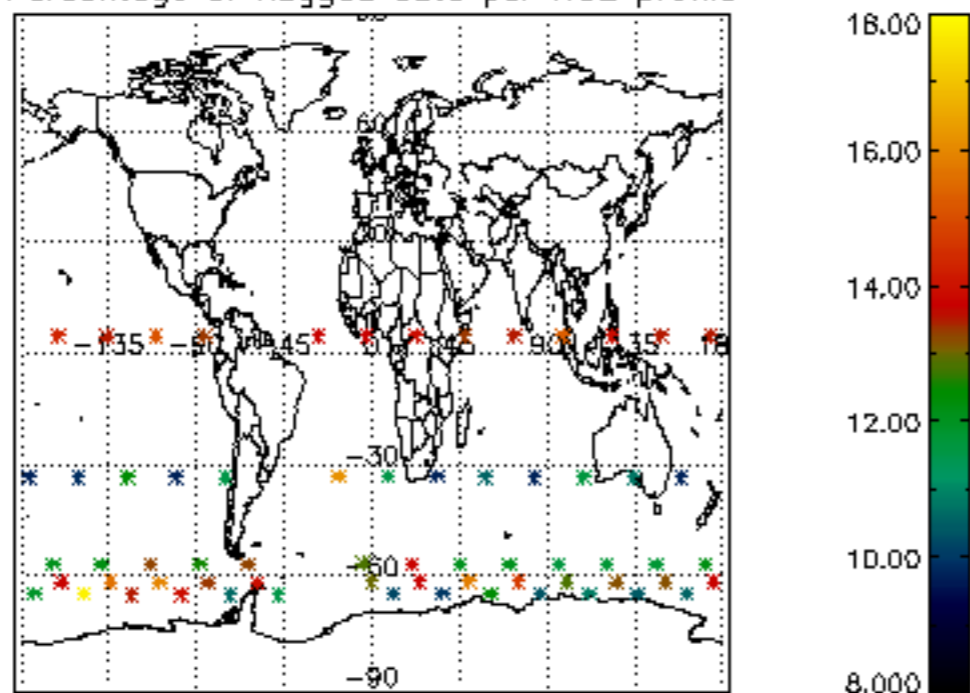
Percentage of flagged data per D3 profile



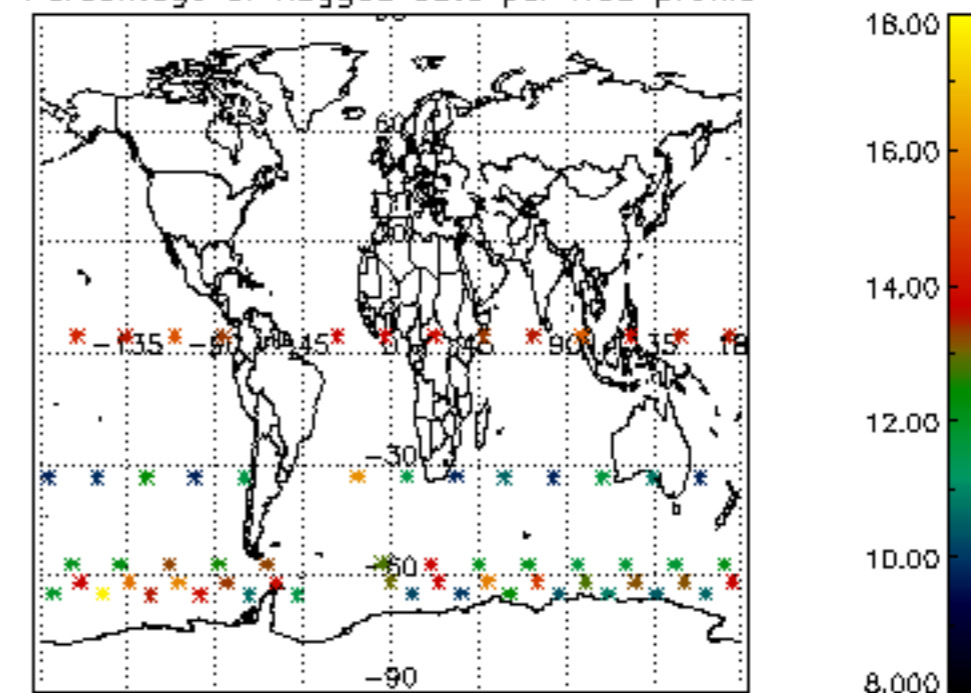
Percentage of flagged data per H2O profile

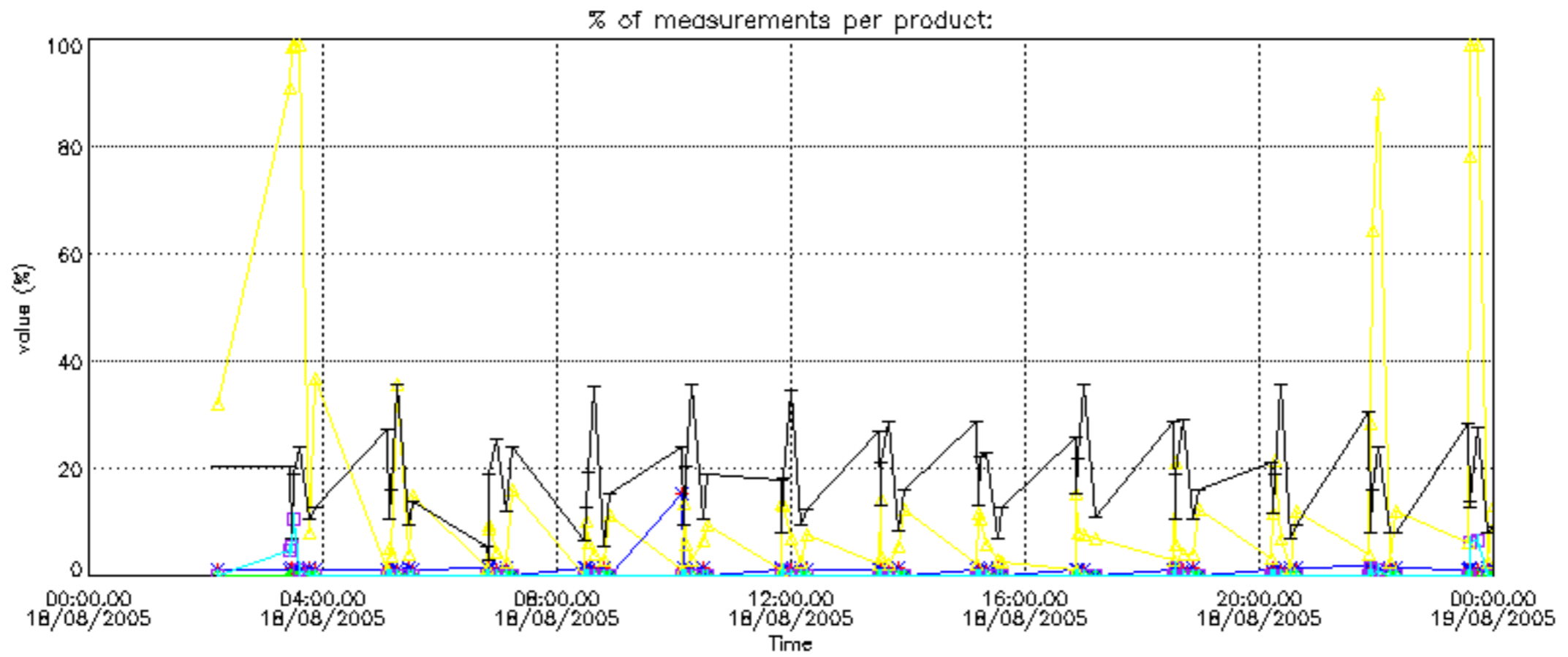


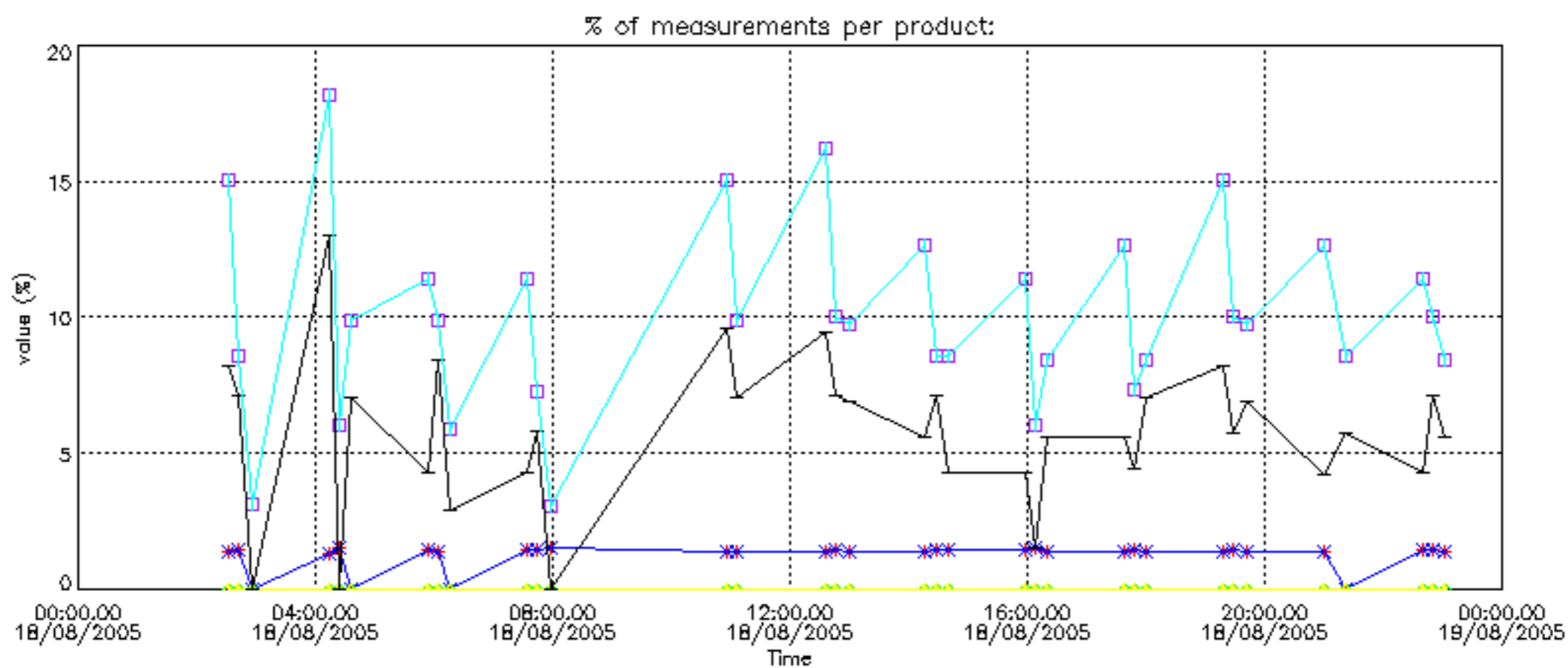
Percentage of flagged data per NO2 profile



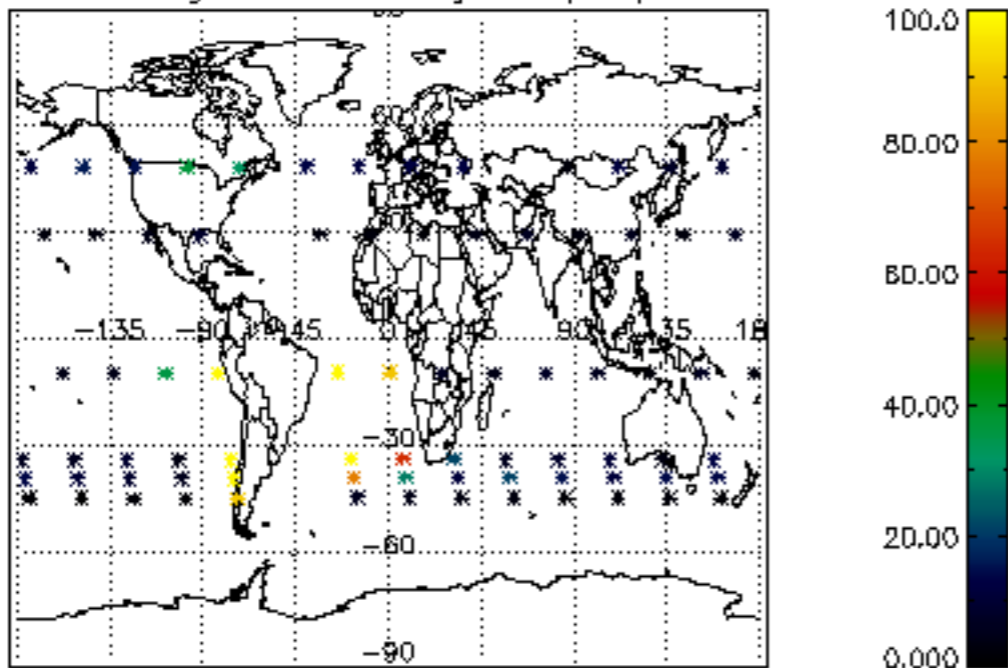
Percentage of flagged data per NO3 profile



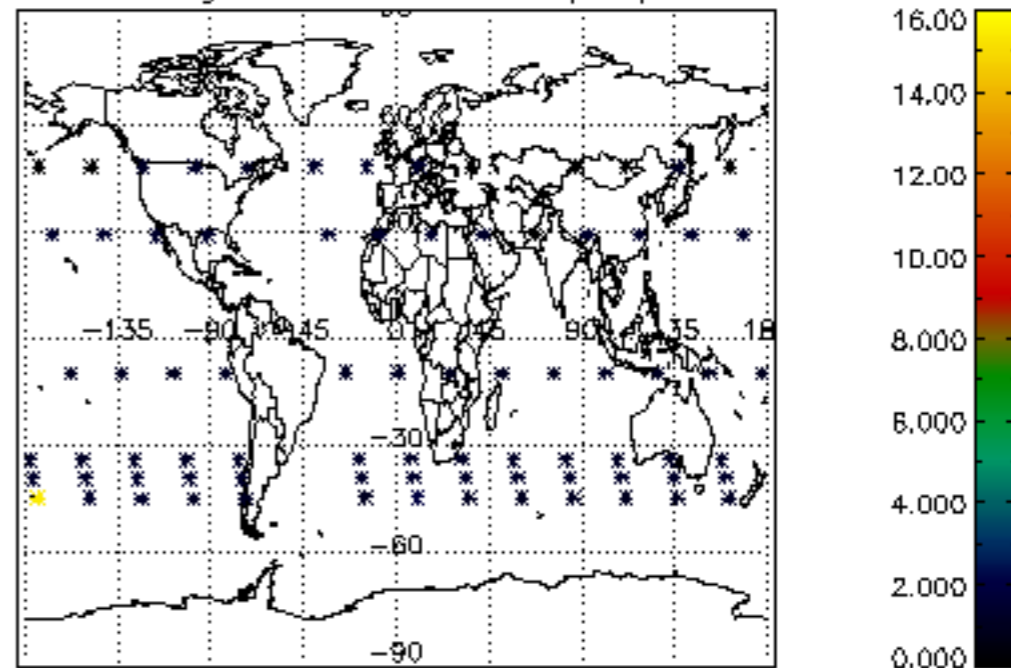




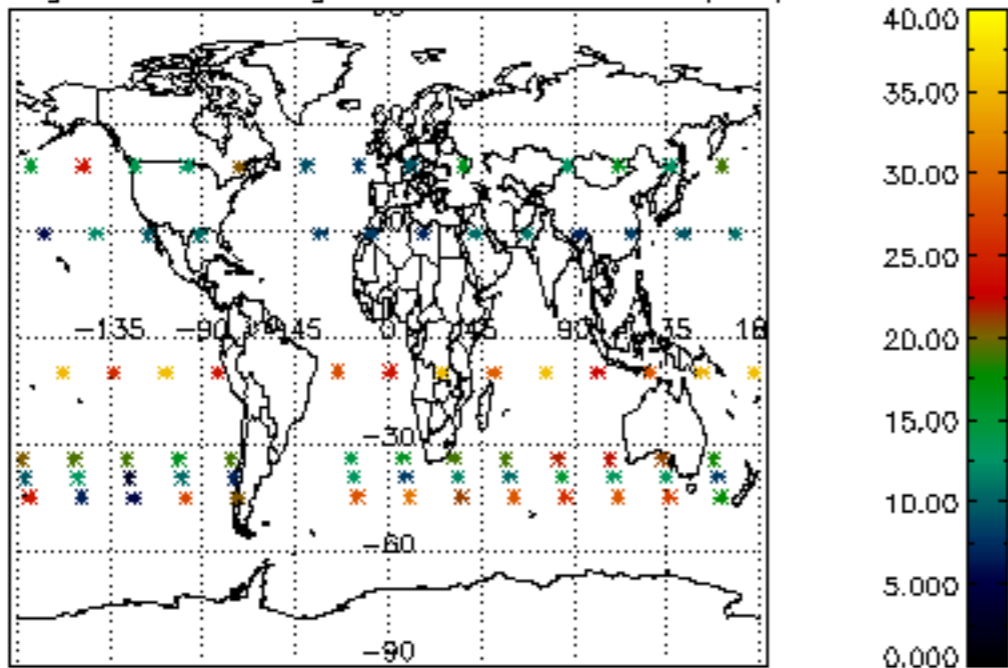
Percentage of cosmic ray hits per profile



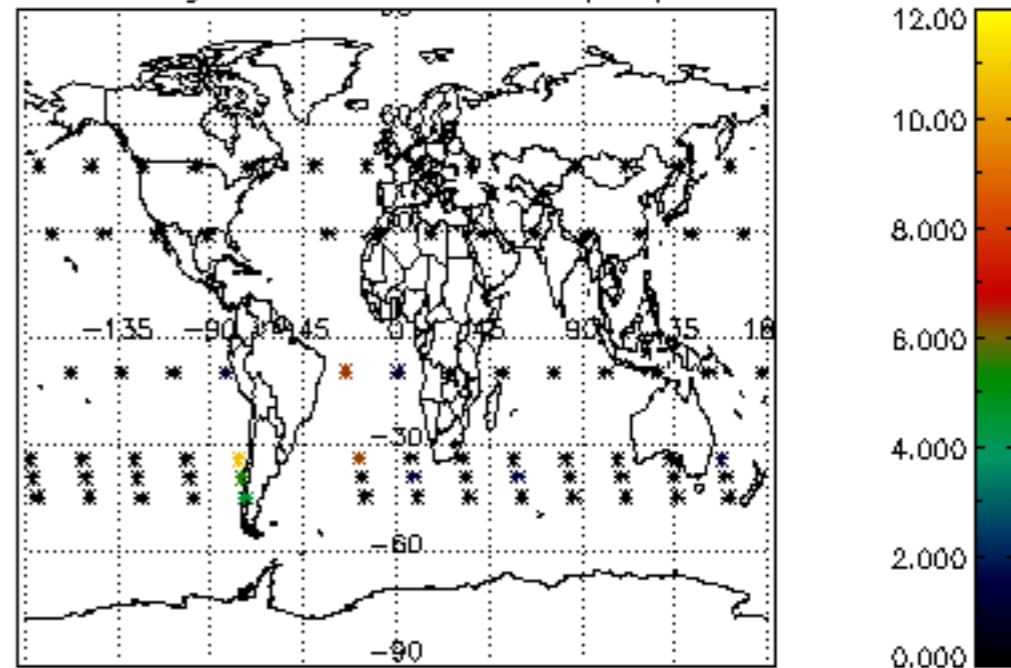
Percentage of datation errors per profile



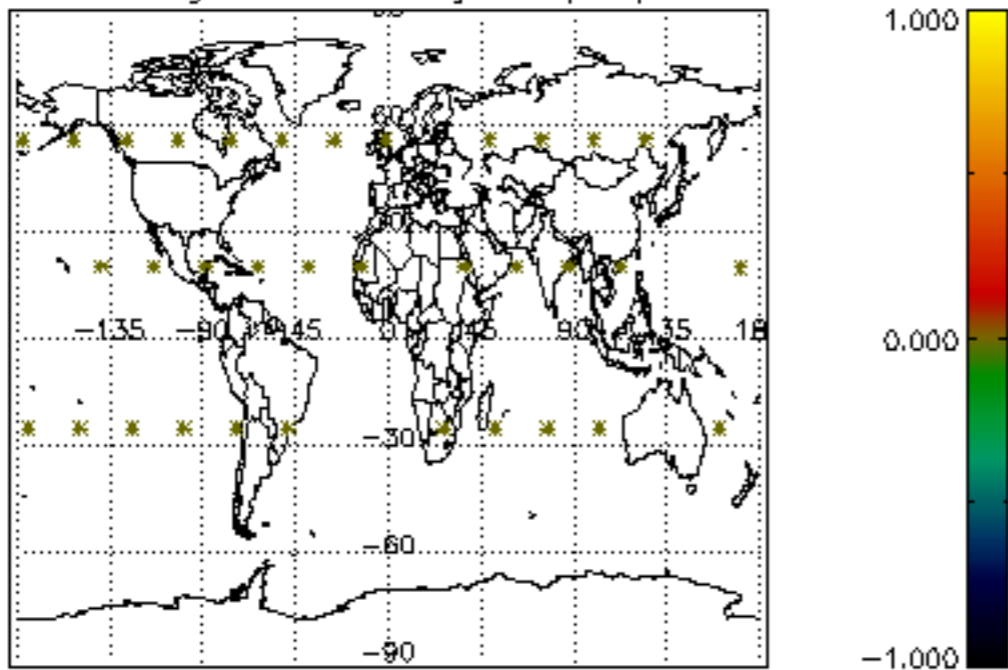
Percentage of star falling outside central band per profile



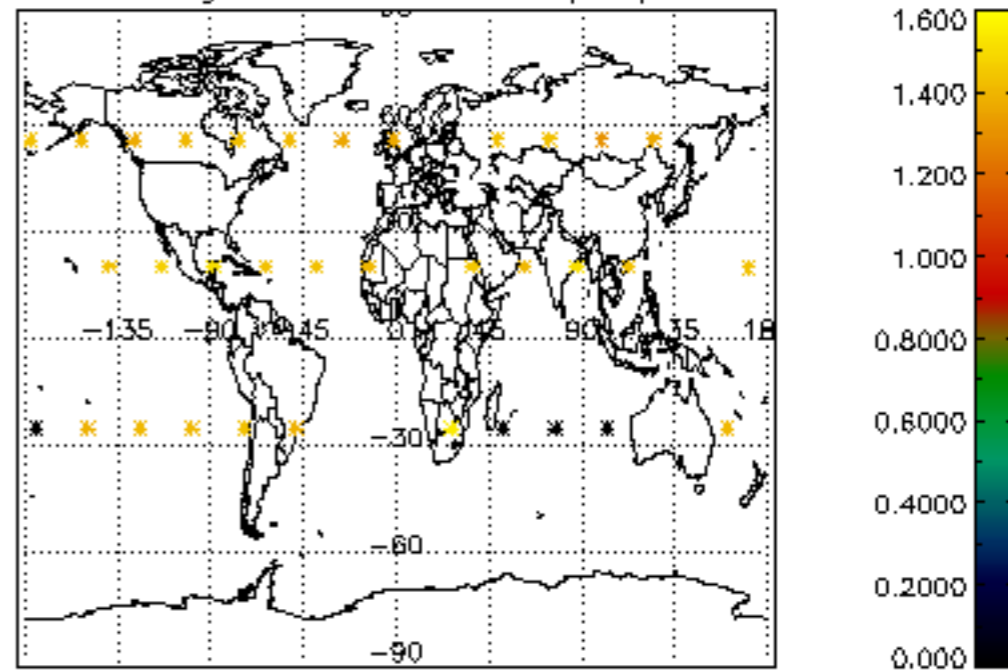
Percentage of saturation errors per profile



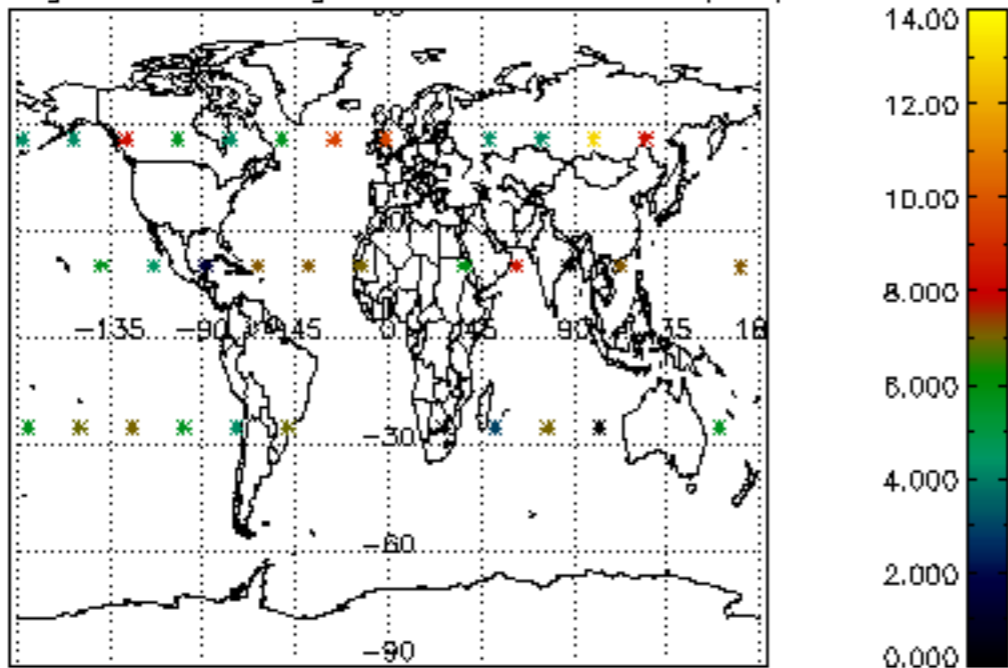
Percentage of cosmic ray hits per profile



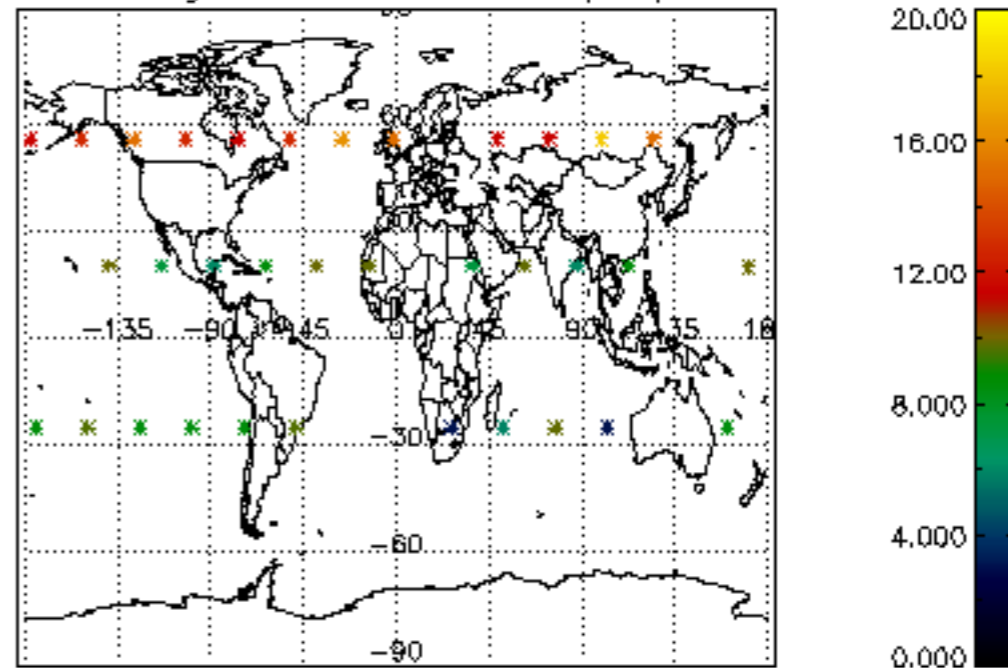
Percentage of datation errors per profile

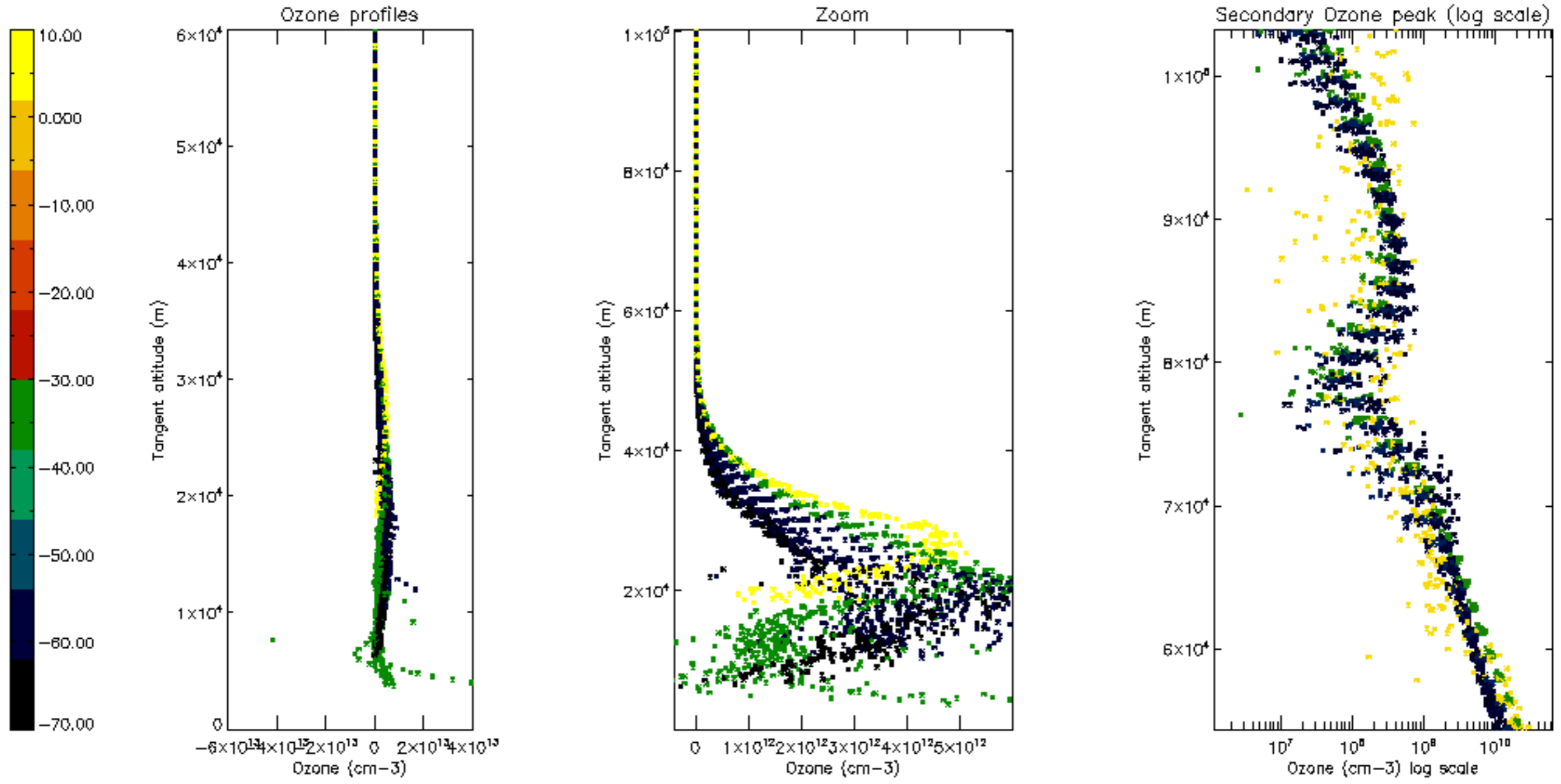


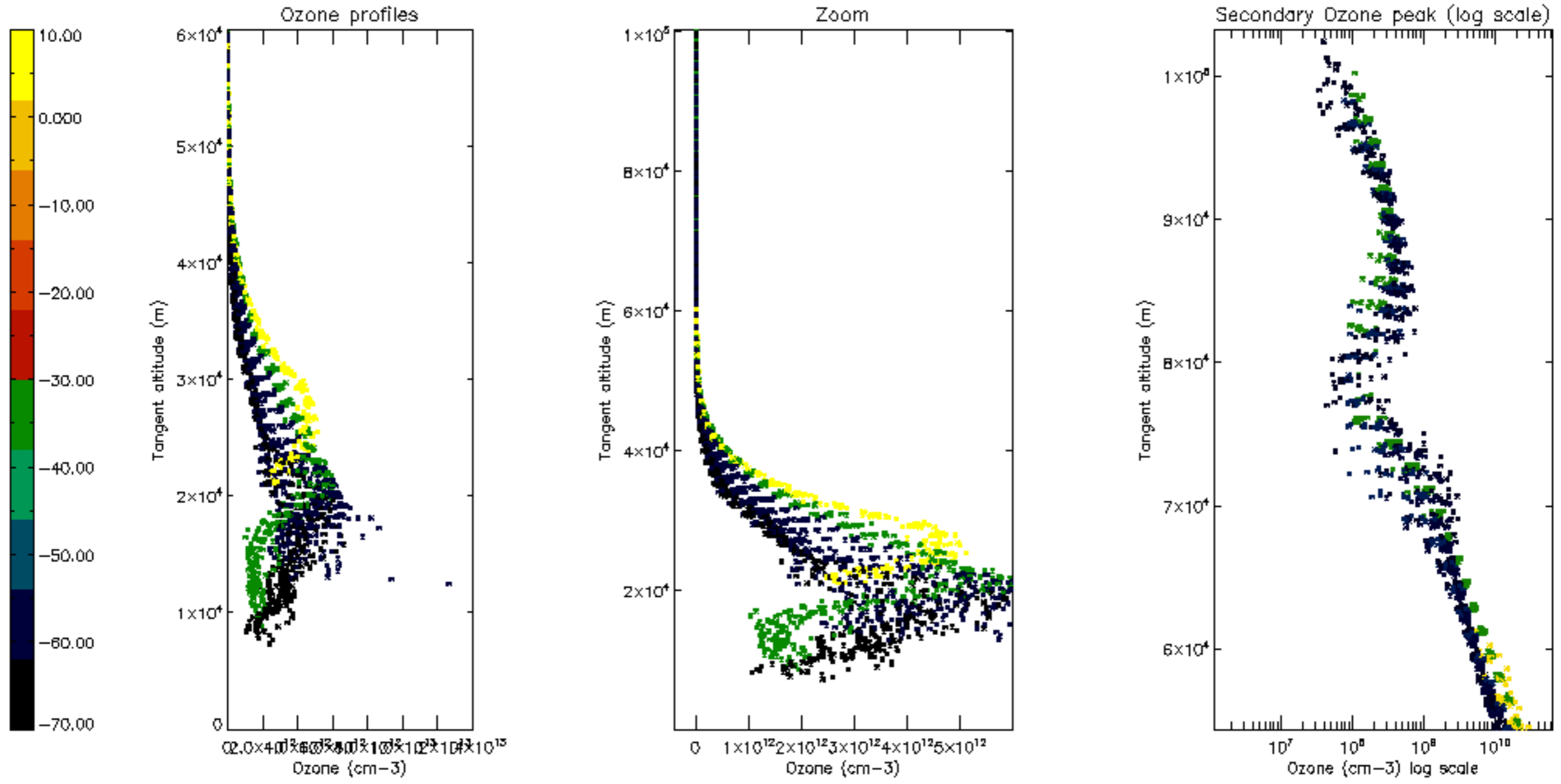
Percentage of star falling outside central band per profile

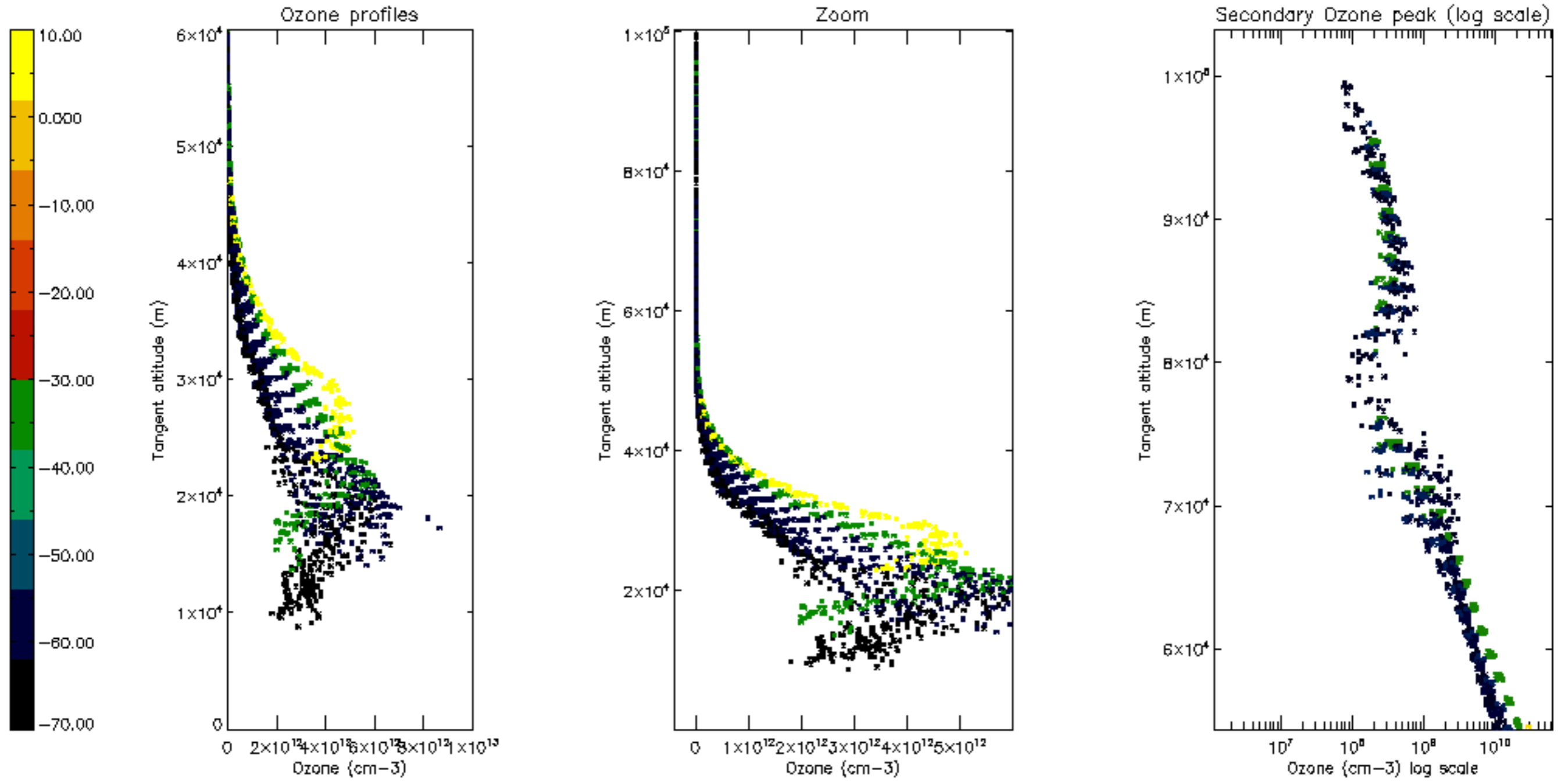


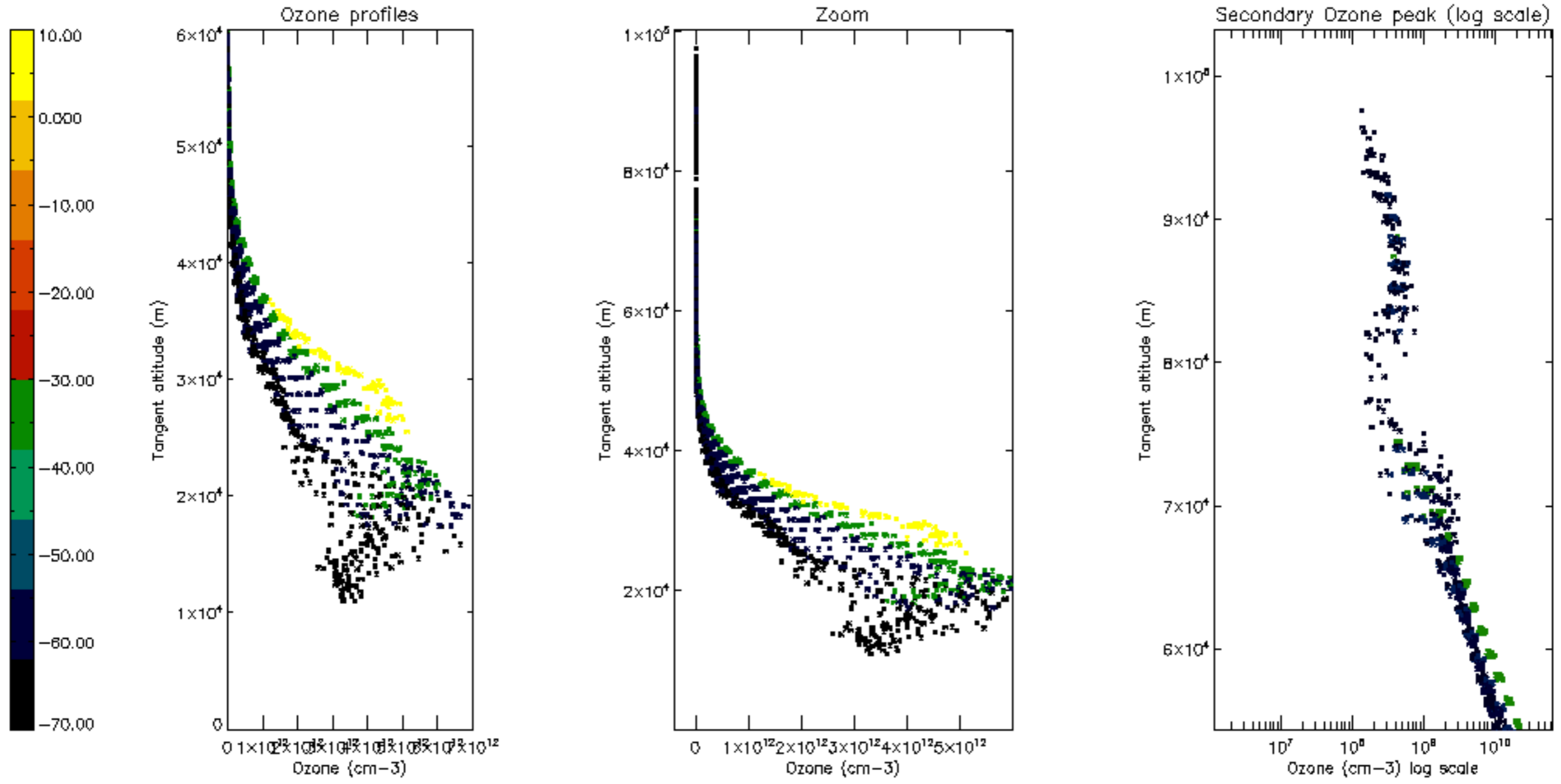
Percentage of saturation errors per profile

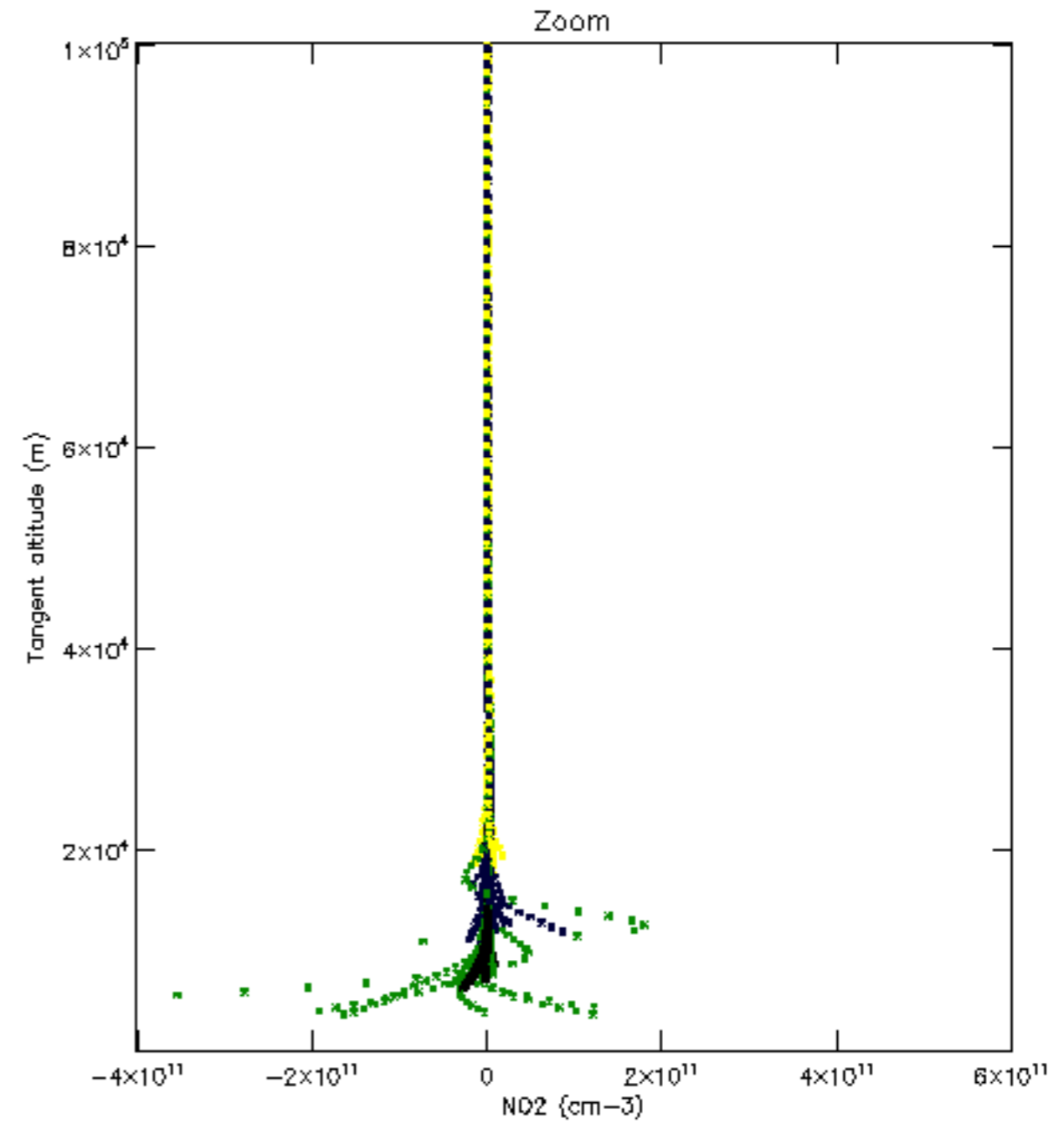
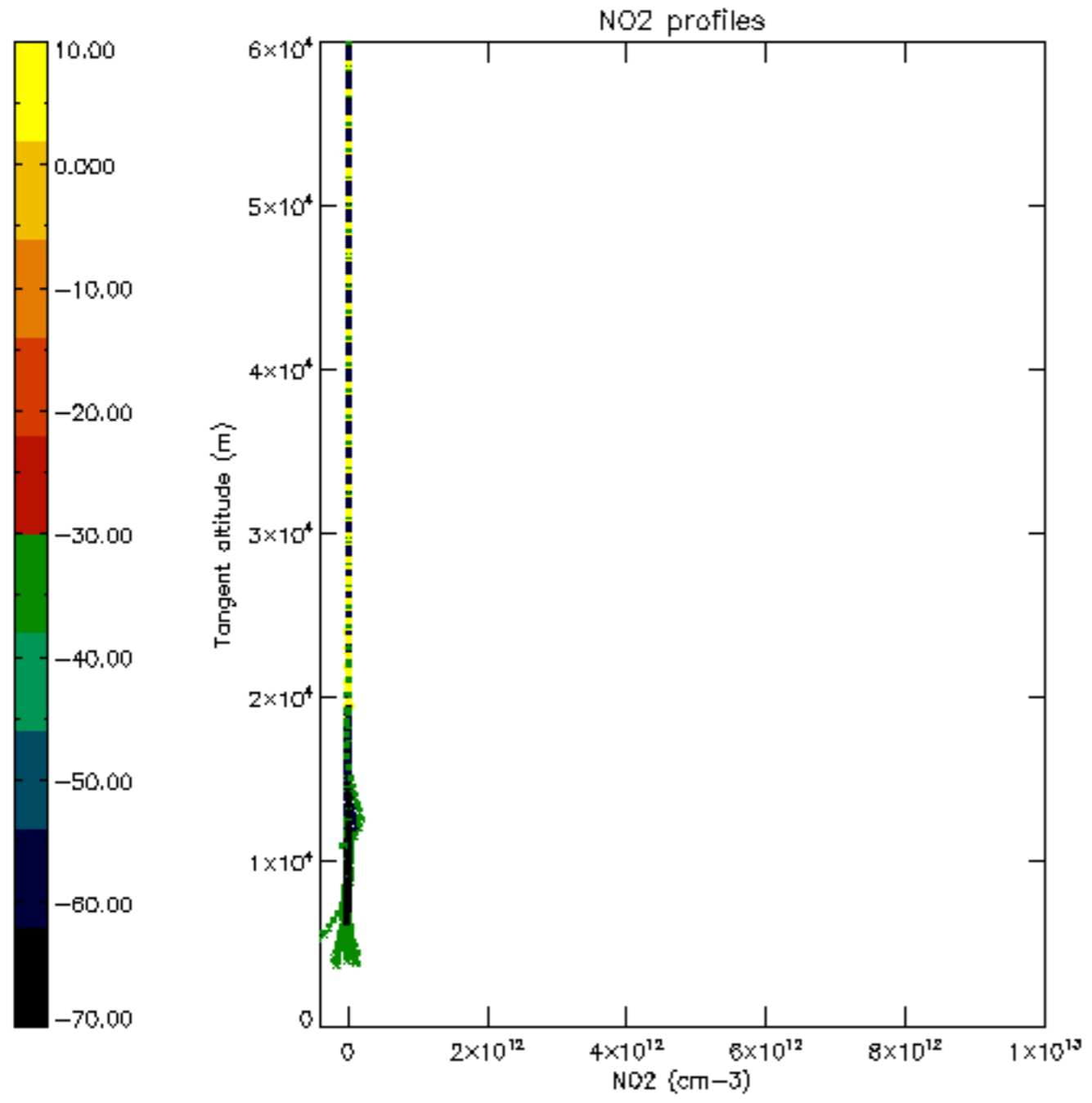


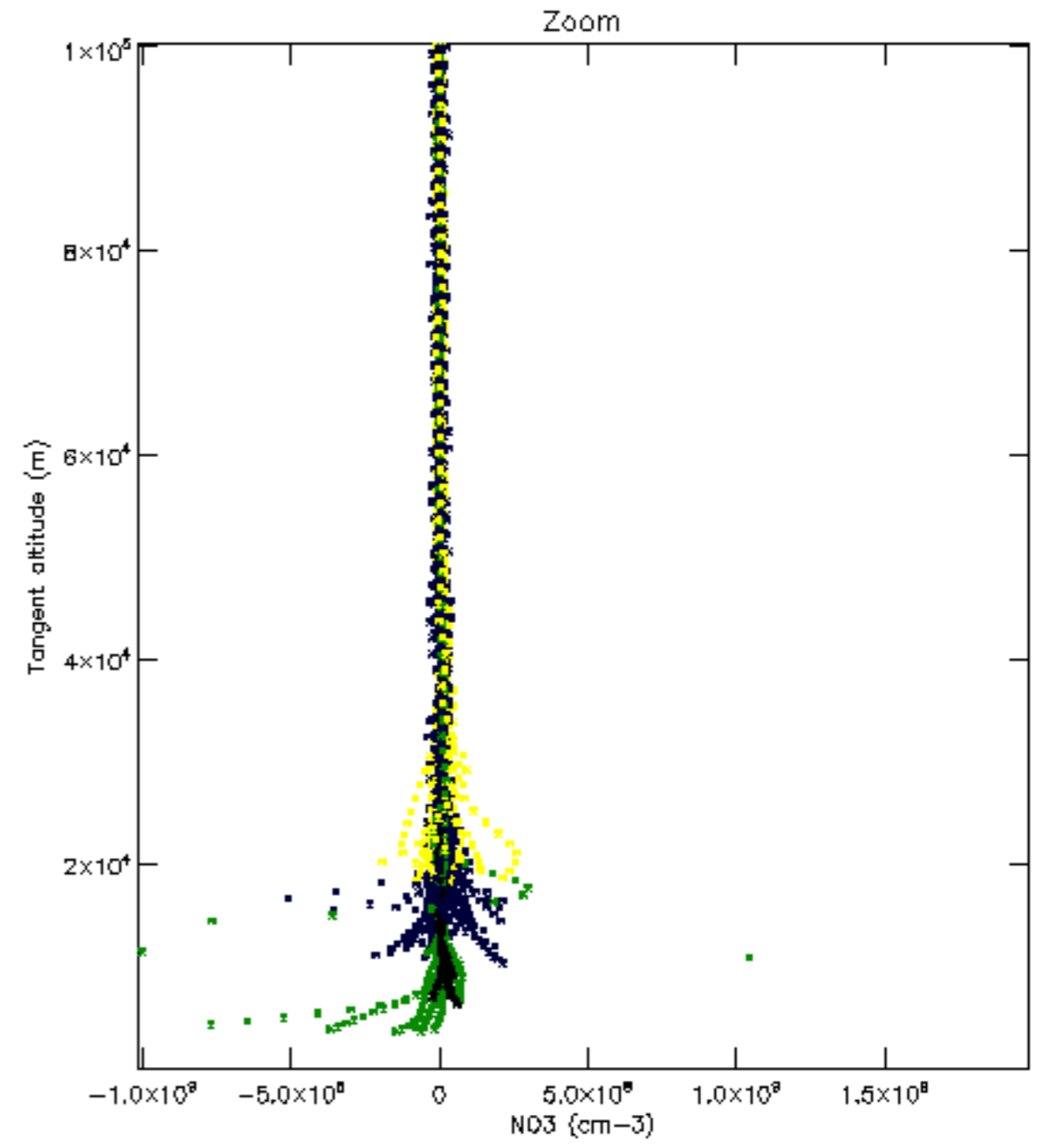
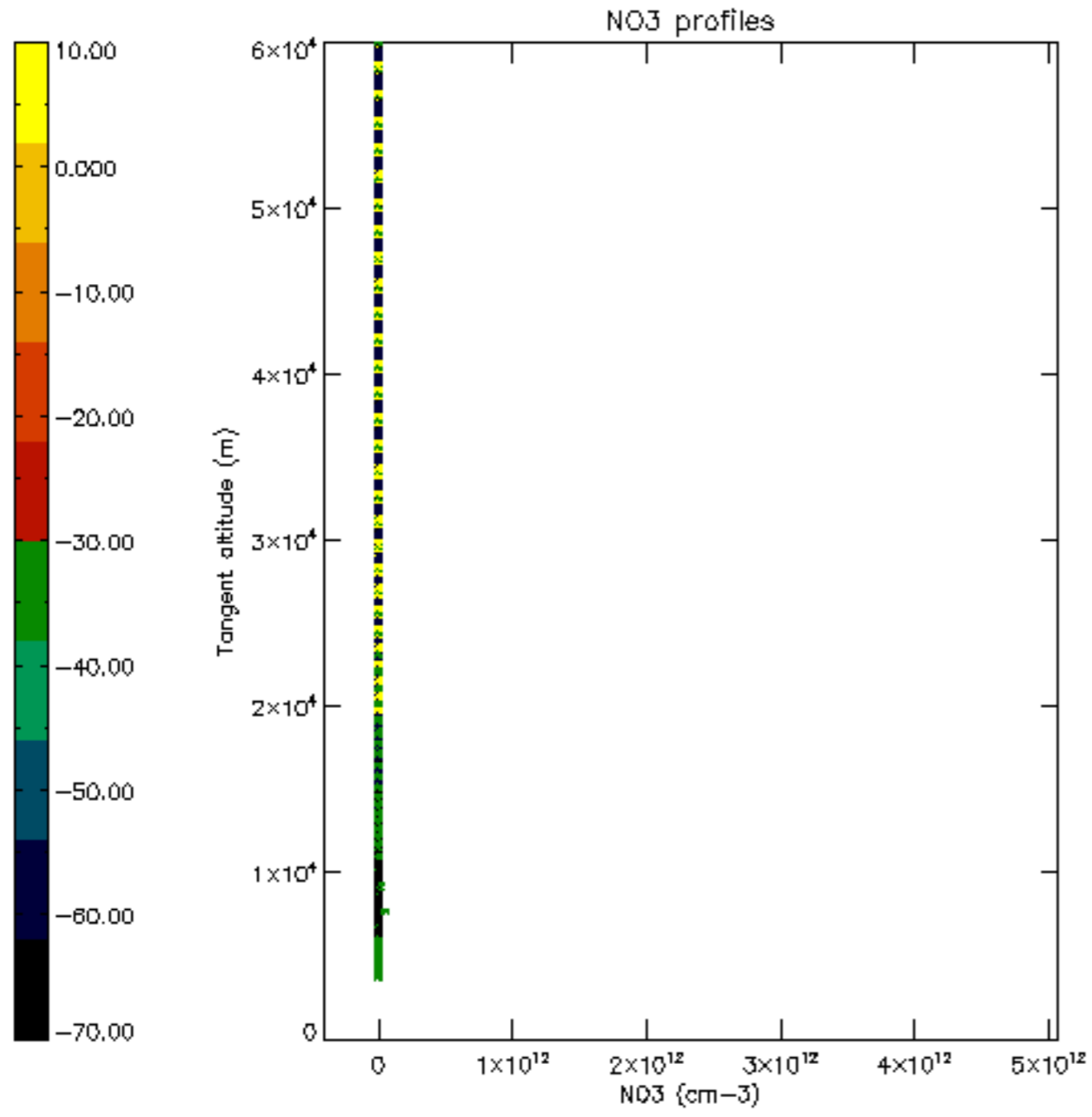


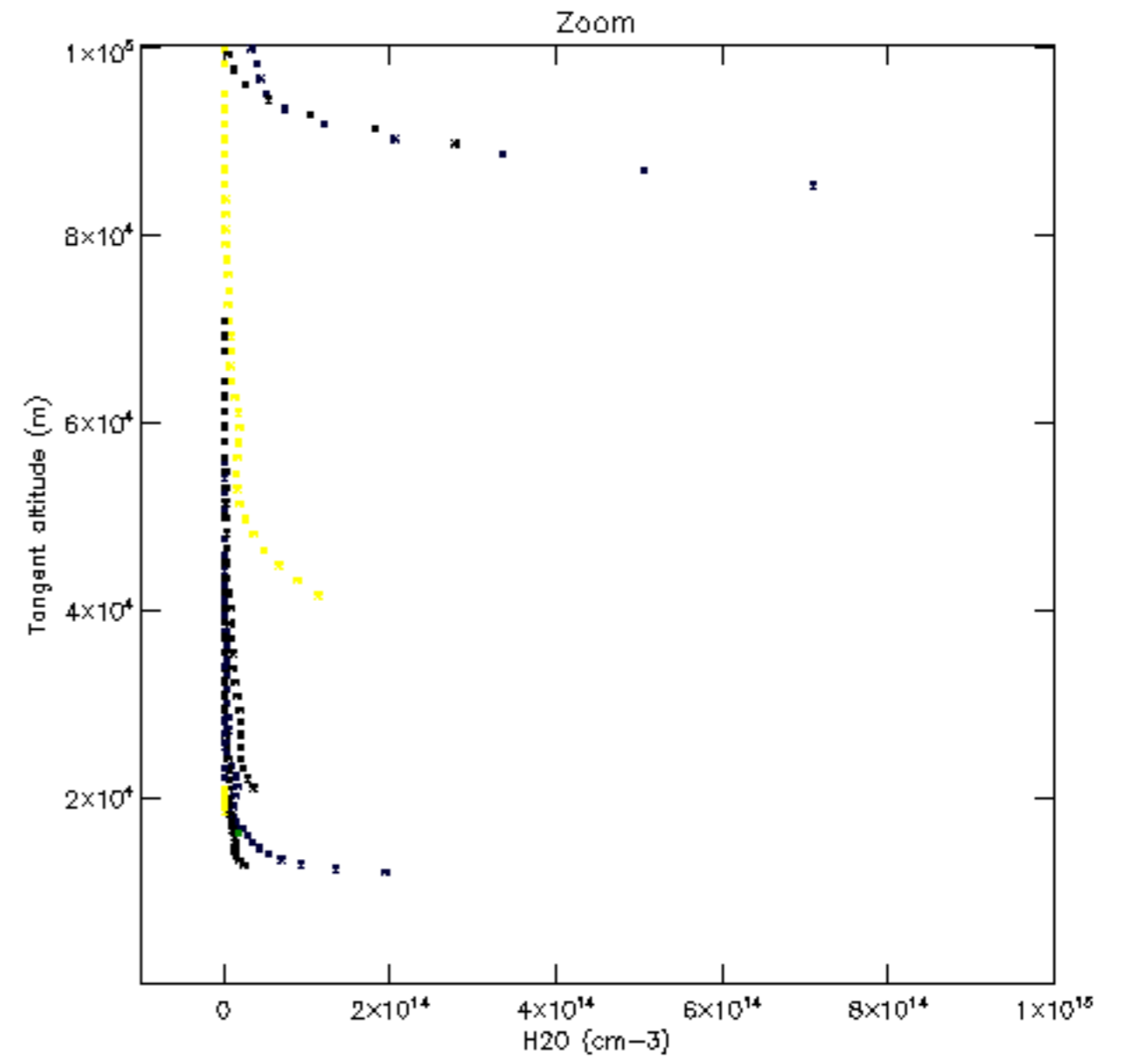
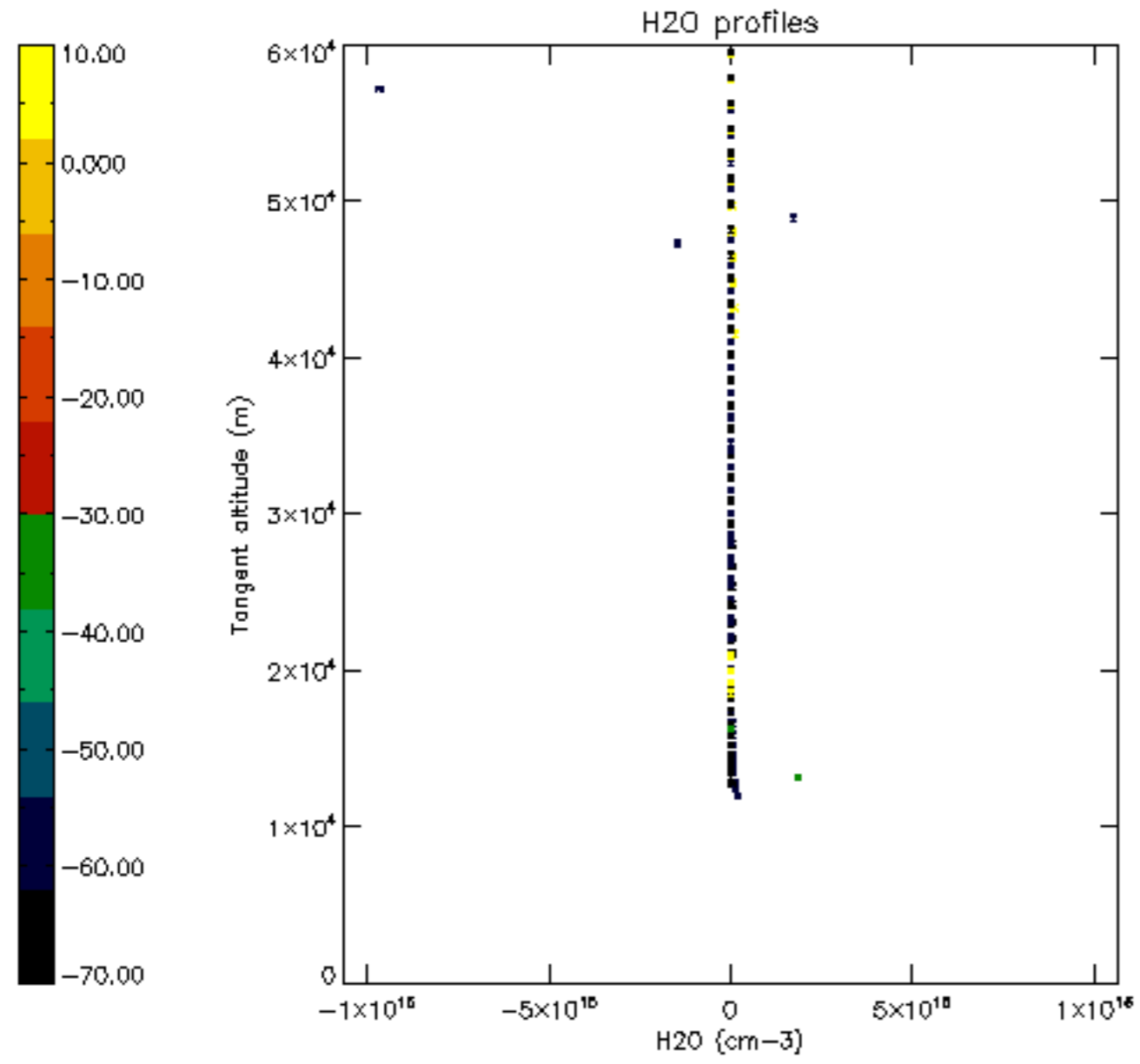


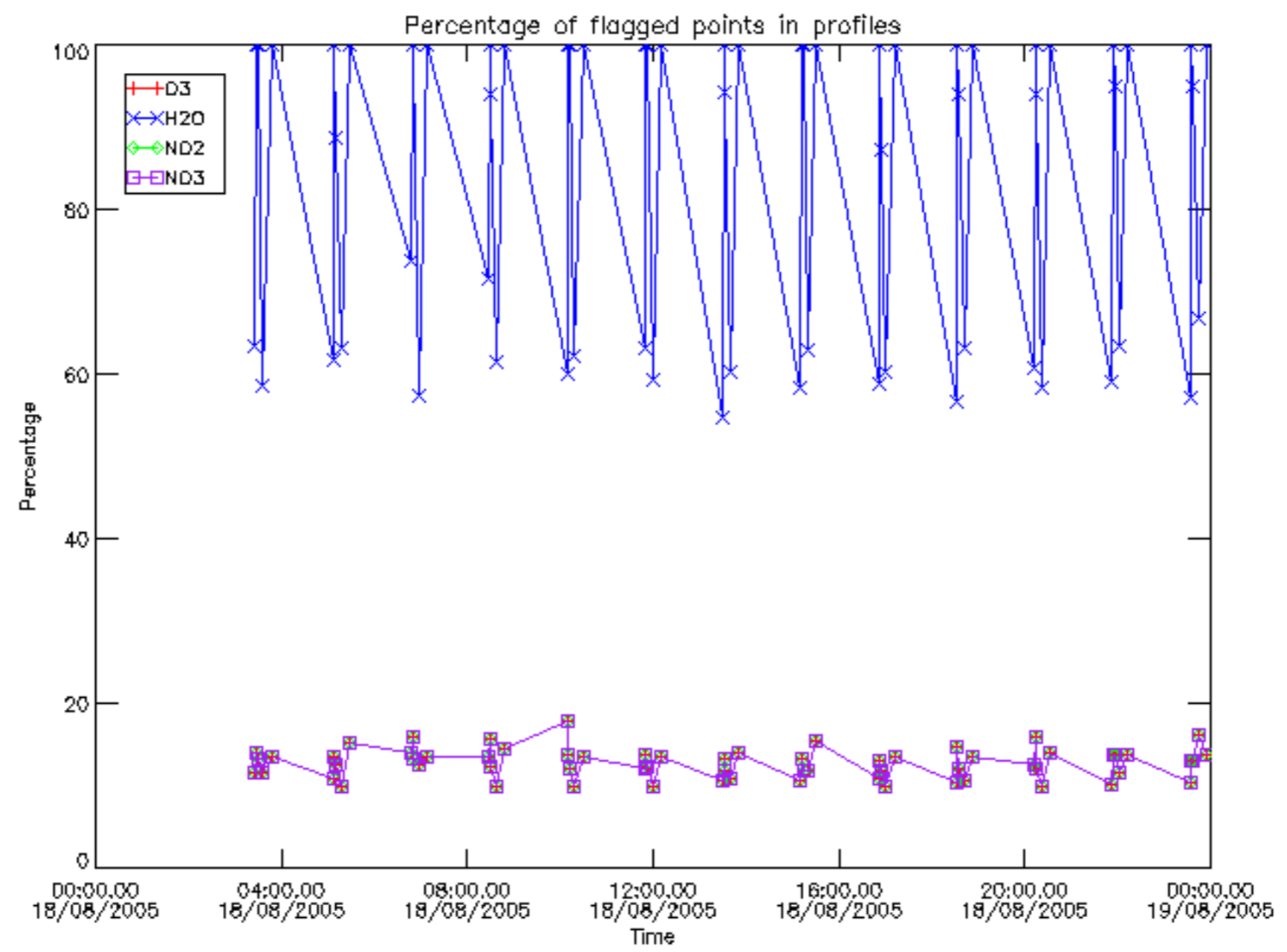




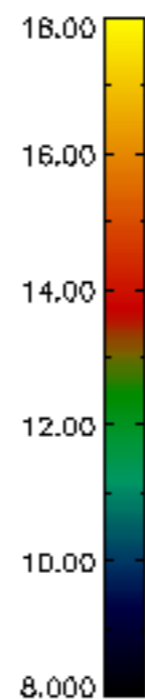
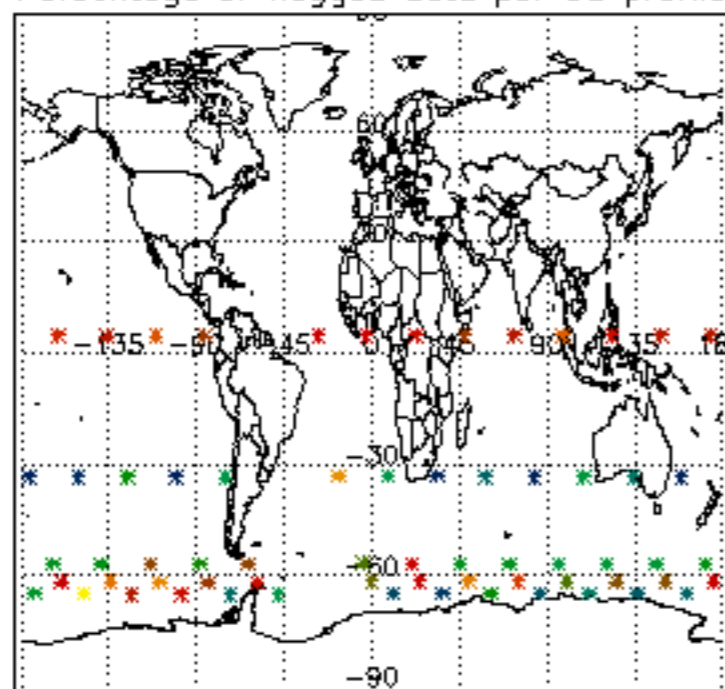




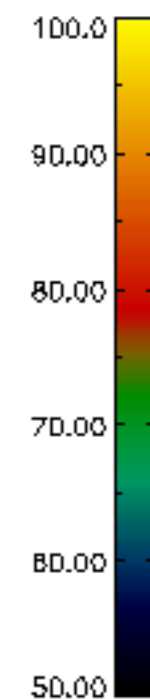
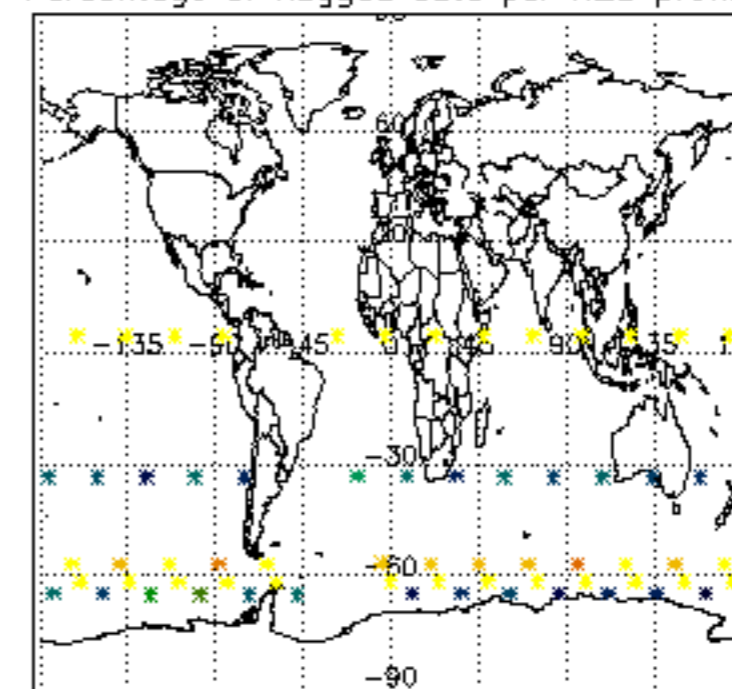




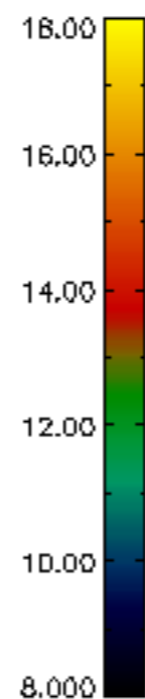
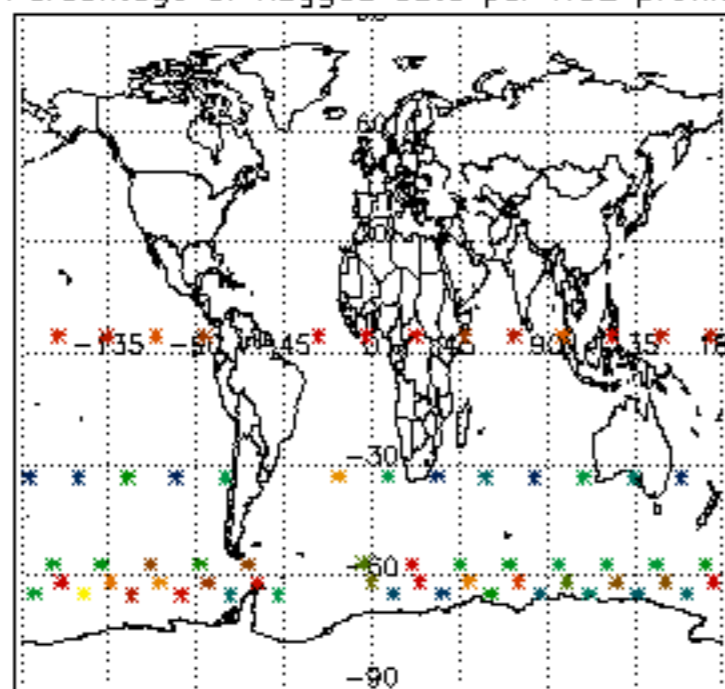
Percentage of flagged data per D3 profile



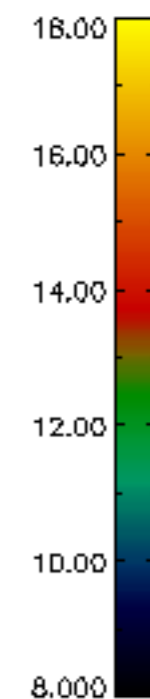
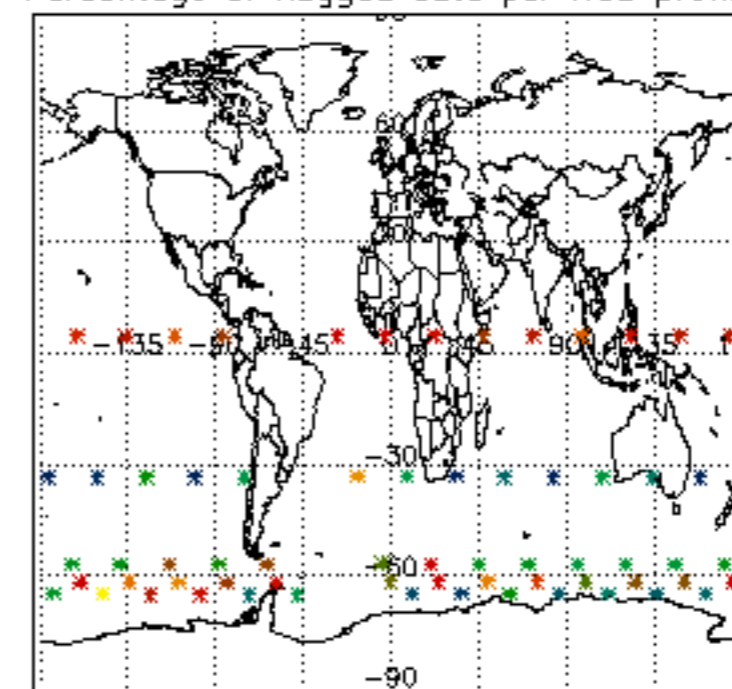
Percentage of flagged data per H2O profile

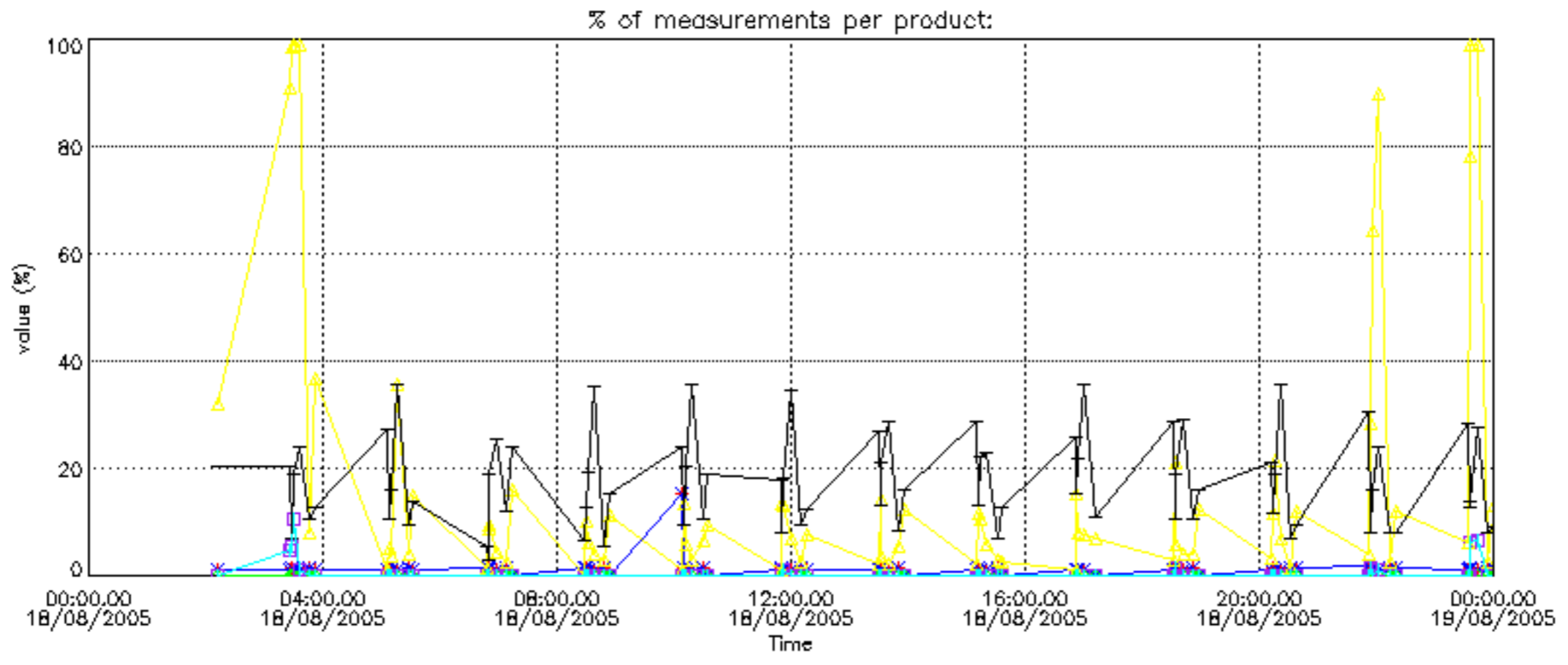


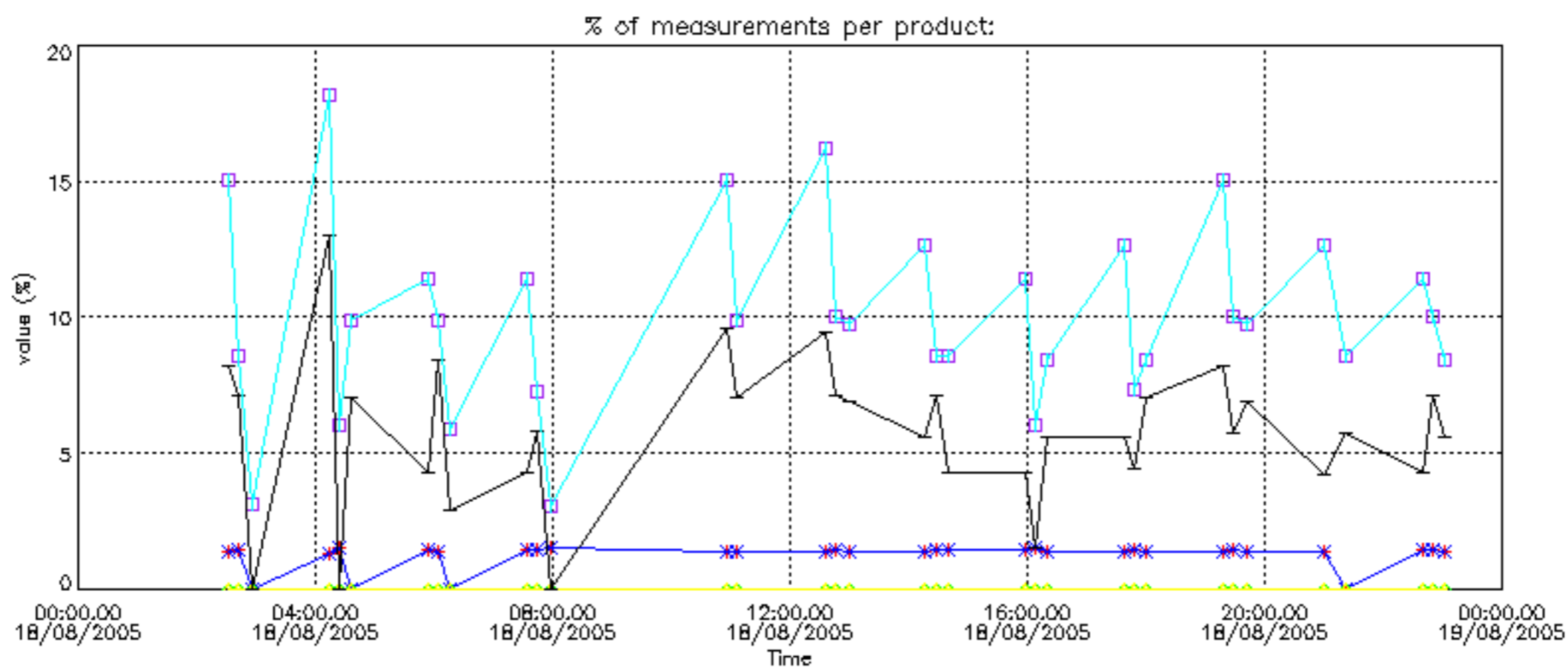
Percentage of flagged data per NO2 profile



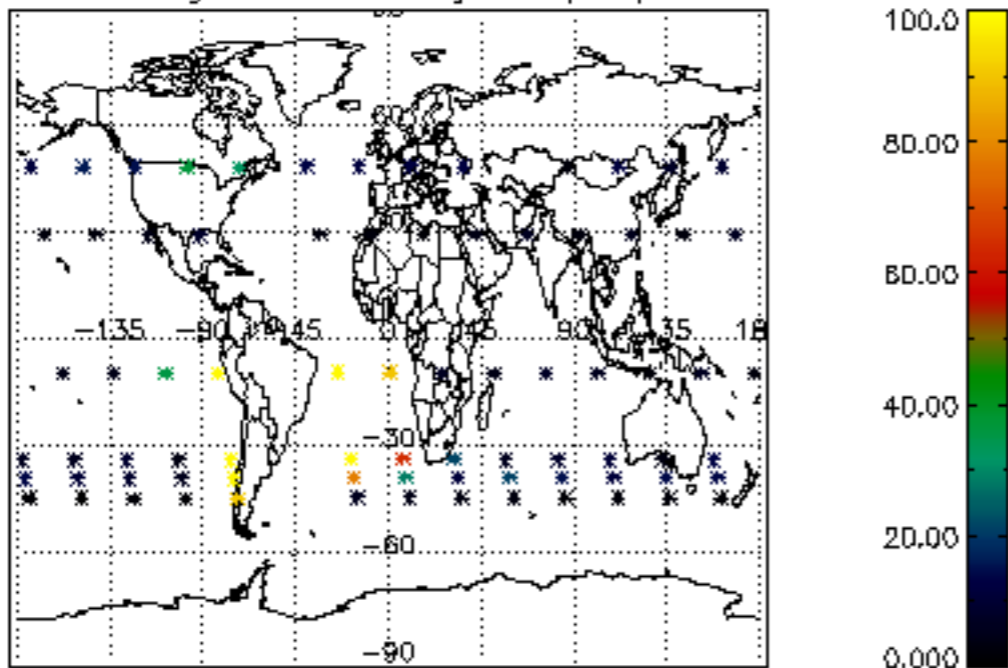
Percentage of flagged data per NO3 profile



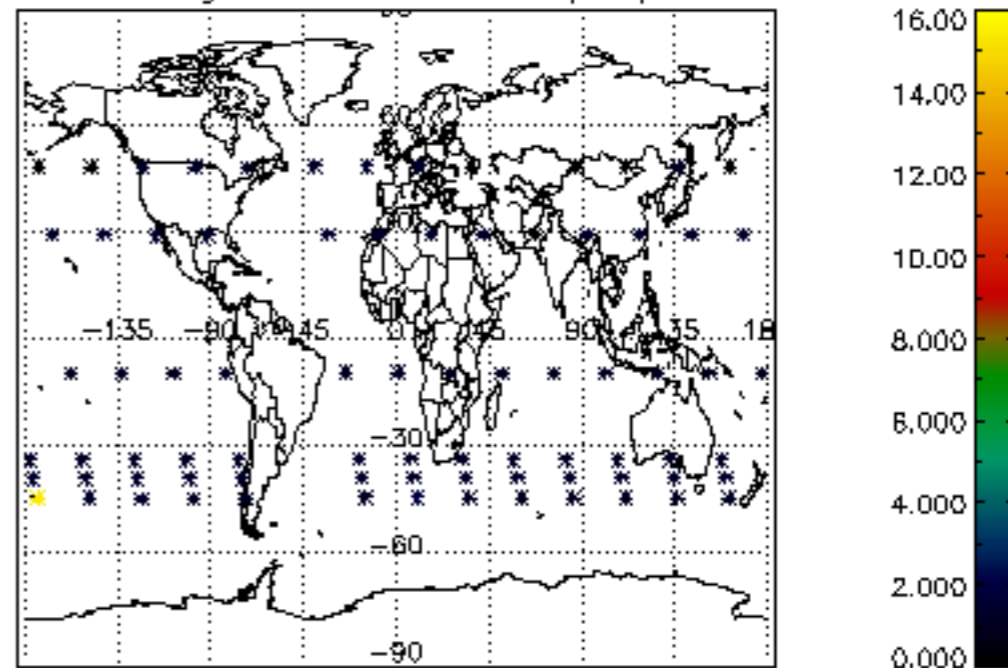




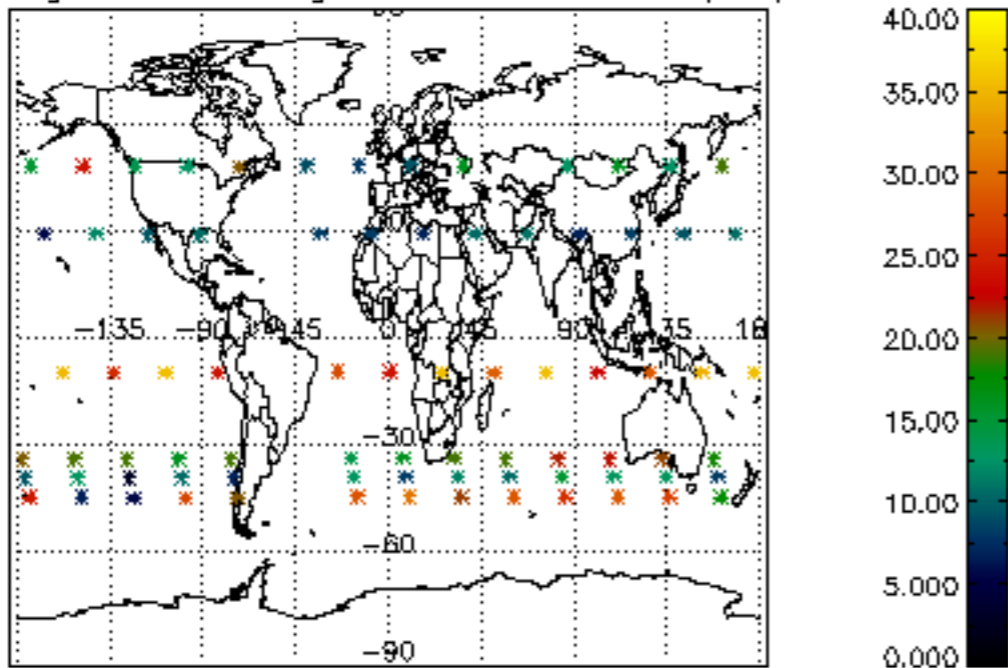
Percentage of cosmic ray hits per profile



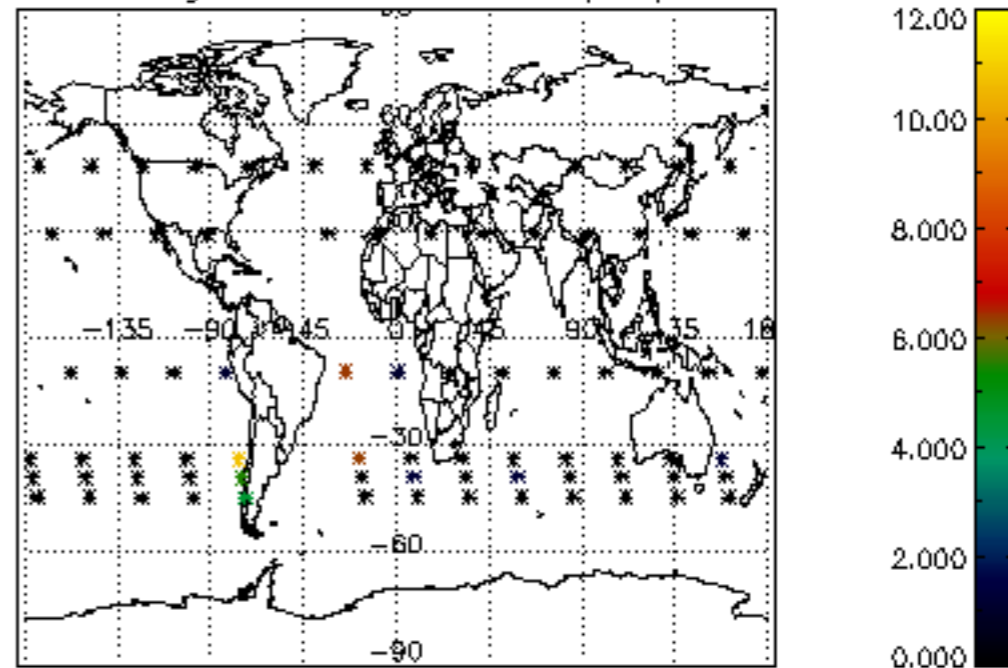
Percentage of datation errors per profile



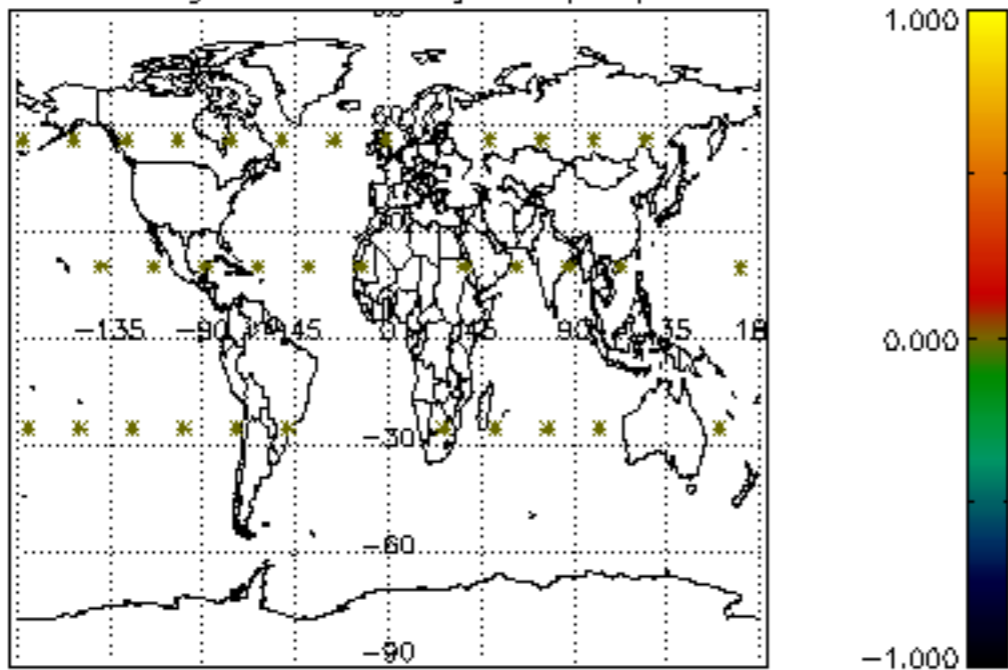
Percentage of star falling outside central band per profile



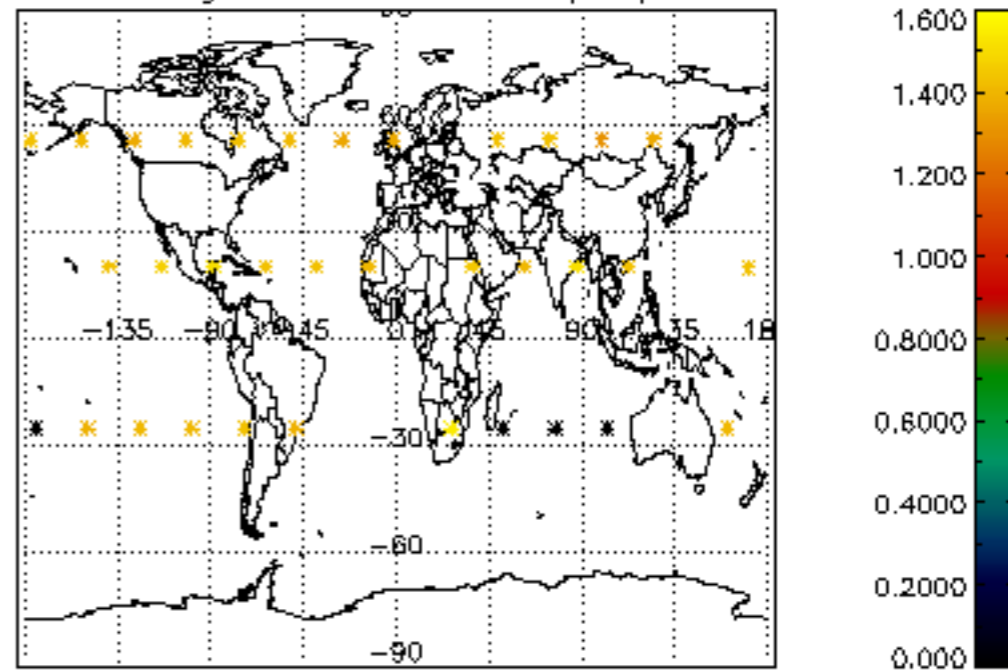
Percentage of saturation errors per profile



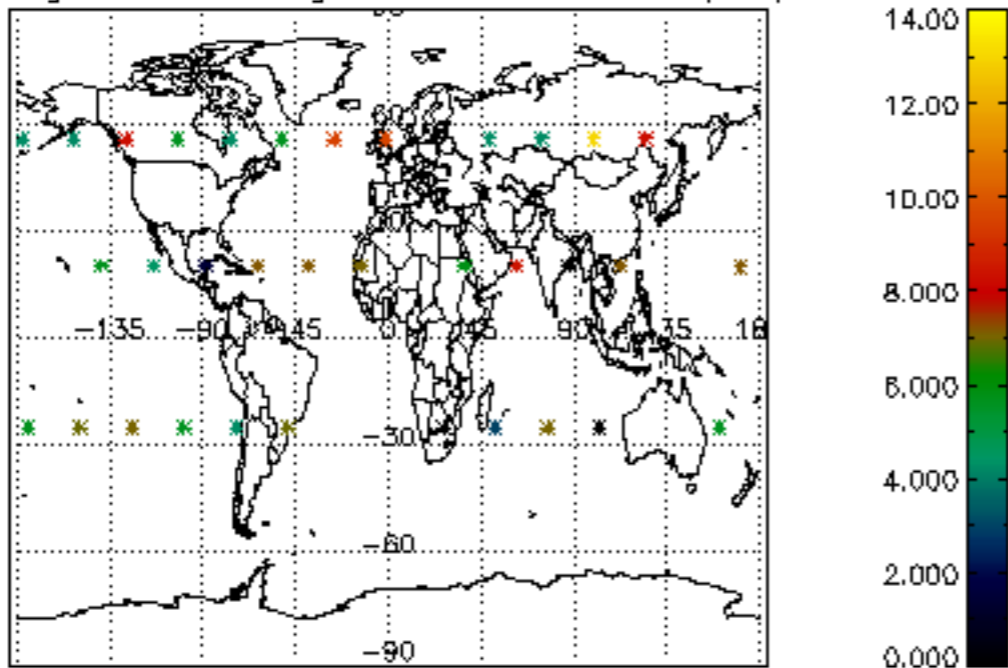
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

