

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	24APR2013 03:19:28
Data source version	GOMOS/6.01
Start time of products	16-08-2006 (16AUG2006 00:00:00)
Stop time of products	17-08-2006 (17AUG2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	208
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__2PRFIN20060816_000613_000000362050_00216_23316_0768.N1	16-AUG-2006 00:06:13	Dark	36.000	2	Alp Car	-0.73600	7000.0	72	23316	No
2	GOM_NL__2PRFIN20060816_001640_000000432050_00217_23317_0756.N1	16-AUG-2006 00:16:40	Dark	43.000	9	Alp Eri	0.45300	24000.	86	23317	No
3	GOM_NL__2PRFIN20060816_002226_000000322050_00217_23317_0757.N1	16-AUG-2006 00:22:26	Straylight	32.000	148	Alp Tuc	2.8780	4100.0	64	23317	No
4	GOM_NL__2PRFIN20060816_002559_000000392050_00217_23317_0758.N1	16-AUG-2006 00:25:59	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	23317	No
5	GOM_NL__2PRFIN20060816_002858_000000362050_00217_23317_0759.N1	16-AUG-2006 00:28:58	Straylight	35.500	172	Gam Gru	3.0030	13100.	71	23317	No
6	GOM_NL__2PRFIN20060816_004331_000000302050_00217_23317_0760.N1	16-AUG-2006 00:43:31	Bright	29.500	11	53Alp Aql	0.76500	8000.0	59	23317	No
7	GOM_NL__2PRFIN20060816_005225_000000322050_00217_23317_0761.N1	16-AUG-2006 00:52:25	Bright	31.500	66	37Gam Cyg	2.2080	5900.0	63	23317	No
8	GOM_NL__2PRFIN20060816_005341_000000302050_00217_23317_0762.N1	16-AUG-2006 00:53:41	Bright	29.500	144	18Del Cyg	2.8600	11000.	59	23317	No
9	GOM_NL__2PRFIN20060816_010624_000000302050_00217_23317_0763.N1	16-AUG-2006 01:06:24	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23317	No
10	GOM_NL__2PRFIN20060816_012612_000000452050_00217_23317_0764.N1	16-AUG-2006 01:26:12	Twilight_stray	44.500	151	13Mu Gem	2.8900	3000.0	89	23317	No
11	GOM_NL__2PRFIN20060816_012746_000000372050_00217_23317_0765.N1	16-AUG-2006 01:27:46	Twilight_stray	37.000	44	24Gam Gem	1.9280	11000.	74	23317	No
12	GOM_NL__2PRFIN20060816_013654_000000432050_00217_23317_0766.N1	16-AUG-2006 01:36:54	Dark	42.500	1	9Alp CMa	-1.4400	11000.	85	23317	No
13	GOM_NL__2PRFIN20060816_013832_000000322050_00217_23317_0767.N1	16-AUG-2006 01:38:32	Dark	32.000	179	24Omi2CMa	3.0320	24000.	64	23317	No
14	GOM_NL__2PRFIN20060816_013959_000000362050_00217_23317_0768.N1	16-AUG-2006 01:39:59	Dark	36.000	23	21Eps CMa	1.5020	26000.	72	23317	No
15	GOM_NL__2PRFIN20060816_014649_000000392050_00217_23317_0769.N1	16-AUG-2006 01:46:49	Dark	38.500	2	Alp Car	-0.73600	7000.0	77	23317	No
16	GOM_NL__2PRFIN20060816_015716_000000402050_00218_23318_0757.N1	16-AUG-2006 01:57:16	Dark	40.000	9	Alp Eri	0.45300	24000.	80	23318	No
17	GOM_NL__2PRFIN20060816_020302_000000412050_00218_23318_0758.N1	16-AUG-2006 02:03:02	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	23318	No
18	GOM_NL__2PRFIN20060816_020636_000000352050_00218_23318_0759.N1	16-AUG-2006 02:06:36	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	23318	No
19	GOM_NL__2PRFIN20060816_020935_000000352050_00218_23318_0760.N1	16-AUG-2006 02:09:35	Straylight	35.000	172	Gam Gru	3.0030	13100.	70	23318	No
20	GOM_NL__2PRFIN20060816_022407_000000312050_00218_23318_0761.N1	16-AUG-2006 02:24:07	Bright	30.500	11	53Alp Aql	0.76500	8000.0	61	23318	No
21	GOM_NL__2PRFIN20060816_023300_000000322050_00218_23318_0762.N1	16-AUG-2006 02:33:00	Bright	31.500	66	37Gam Cyg	2.2080	5900.0	63	23318	No
22	GOM_NL__2PRFIN20060816_023417_000000292050_00218_23318_0763.N1	16-AUG-2006 02:34:17	Bright	28.500	144	18Del Cyg	2.8600	11000.	57	23318	No
23	GOM_NL__2PRFIN20060816_024700_000000282050_00218_23318_0764.N1	16-AUG-2006 02:47:00	Bright	27.500	49	1Alp UMi	1.9900	6300.0	55	23318	No
24	GOM_NL__2PRFIN20060816_030648_000000412050_00218_23318_0765.N1	16-AUG-2006 03:06:48	Twilight_stray	41.000	151	13Mu Gem	2.8900	3000.0	82	23318	No
25	GOM_NL__2PRFIN20060816_030823_000000362050_00218_23318_0766.N1	16-AUG-2006 03:08:23	Twilight_stray	35.500	44	24Gam Gem	1.9280	11000.	71	23318	No
26	GOM_NL__2PRFIN20060816_031730_000000382050_00218_23318_0767.N1	16-AUG-2006 03:17:30	Dark	38.000	1	9Alp CMa	-1.4400	11000.	76	23318	No
27	GOM_NL__2PRFIN20060816_031908_000000342050_00218_23318_0768.N1	16-AUG-2006 03:19:08	Dark	33.500	179	24Omi2CMa	3.0320	24000.	67	23318	No
28	GOM_NL__2PRFIN20060816_032035_000000402050_00218_23318_0769.N1	16-AUG-2006 03:20:35	Dark	39.500	23	21Eps CMa	1.5020	26000.	79	23318	No
29	GOM_NL__2PRFIN20060816_032725_000000462050_00218_23318_0770.N1	16-AUG-2006 03:27:25	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	23318	No
30	GOM_NL__2PRFIN20060816_033753_000000382050_00219_23319_0758.N1	16-AUG-2006 03:37:53	Dark	38.000	9	Alp Eri	0.45300	24000.	76	23319	No
31	GOM_NL__2PRFIN20060816_034338_000000342050_00219_23319_0759.N1	16-AUG-2006 03:43:38	Straylight	33.500	148	Alp Tuc	2.8780	4100.0	67	23319	No
32	GOM_NL__2PRFIN20060816_034712_000000362050_00219_23319_0760.N1	16-AUG-2006 03:47:12	Straylight	36.000	31	Alp Gru	1.7340	15200.	72	23319	No
33	GOM_NL__2PRFIN20060816_035011_000000352050_00219_23319_0761.N1	16-AUG-2006 03:50:11	Straylight	35.000	172	Gam Gru	3.0030	13100.	70	23319	No
34	GOM_NL__2PRFIN20060816_040443_000000322050_00219_23319_0762.N1	16-AUG-2006 04:04:43	Bright	32.000	11	53Alp Aql	0.76500	8000.0	64	23319	No
35	GOM_NL__2PRFIN20060816_041336_000000322050_00219_23319_0763.N1	16-AUG-2006 04:13:36	Bright	31.500	66	37Gam Cyg	2.2080	5900.0	63	23319	No
36	GOM_NL__2PRFIN20060816_041453_000000302050_00219_23319_0764.N1	16-AUG-2006 04:14:53	Bright	29.500	144	18Del Cyg	2.8600	11000.	59	23319	No
37	GOM_NL__2PRFIN20060816_042736_000000292050_00219_23319_0765.N1	16-AUG-2006 04:27:36	Bright	29.000	49	1Alp UMi	1.9900	6300.0	58	23319	No
38	GOM_NL__2PRFIN20060816_044724_000000422050_00219_23319_0766.N1	16-AUG-2006 04:47:24	Twilight_stray	41.500	151	13Mu Gem	2.8900	3000.0	83	23319	No
39	GOM_NL__2PRFIN20060816_044859_000000352050_00219_23319_0767.N1	16-AUG-2006 04:48:59	Twilight_stray	34.500	44	24Gam Gem	1.9280	11000.	69	23319	No
40	GOM_NL__2PRFIN20060816_045807_000000422050_00219_23319_0768.N1	16-AUG-2006 04:58:07	Dark	42.000	1	9Alp CMa	-1.4400	11000.	84	23319	No
41	GOM_NL__2PRFIN20060816_045944_000000322050_00219_23319_0769.N1	16-AUG-2006 04:59:44	Dark	31.500	179	24Omi2CMa	3.0320	24000.	63	23319	No
42	GOM_NL__2PRFIN20060816_050112_000000352050_00219_23319_0770.N1	16-AUG-2006 05:01:12	Dark	34.500	23	21Eps CMa	1.5020	26000.	69	23319	No

43	GOM_NL__2PRFIN20060816_050801_000000392050_00219_23319_0771.N1	16-AUG-2006 05:08:01	Dark	39.000	2	Alp Car	-0.73600	7000.0	78	23319	No
44	GOM_NL__2PRFIN20060816_051829_000000372050_00220_23320_0778.N1	16-AUG-2006 05:18:29	Dark	37.000	9	Alp Eri	0.45300	24000.	74	23320	No
45	GOM_NL__2PRFIN20060816_052415_000000342050_00220_23320_0779.N1	16-AUG-2006 05:24:15	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	23320	No
46	GOM_NL__2PRFIN20060816_052748_000000362050_00220_23320_0780.N1	16-AUG-2006 05:27:48	Straylight	35.500	31	Alp Gru	1.7340	15200.	71	23320	No
47	GOM_NL__2PRFIN20060816_053047_000000332050_00220_23320_0781.N1	16-AUG-2006 05:30:47	Straylight	33.000	172	Gam Gru	3.0030	13100.	66	23320	No
48	GOM_NL__2PRFIN20060816_054519_000000312050_00220_23320_0782.N1	16-AUG-2006 05:45:19	Bright	30.500	11	53Alp Aql	0.76500	8000.0	61	23320	No
49	GOM_NL__2PRFIN20060816_055412_000000322050_00220_23320_0783.N1	16-AUG-2006 05:54:12	Bright	31.500	66	37Gam Cyg	2.2080	5900.0	63	23320	No
50	GOM_NL__2PRFIN20060816_055529_000000302050_00220_23320_0784.N1	16-AUG-2006 05:55:29	Bright	29.500	144	18Del Cyg	2.8600	11000.	59	23320	No
51	GOM_NL__2PRFIN20060816_060812_000000302050_00220_23320_0785.N1	16-AUG-2006 06:08:12	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23320	No
52	GOM_NL__2PRFIN20060816_062800_000000492050_00220_23320_0786.N1	16-AUG-2006 06:28:00	Twilight_stray	48.500	151	13Mu Gem	2.8900	3000.0	97	23320	No
53	GOM_NL__2PRFIN20060816_062935_000000342050_00220_23320_0787.N1	16-AUG-2006 06:29:35	Twilight_stray	34.000	44	24Gam Gem	1.9280	11000.	68	23320	No
54	GOM_NL__2PRFIN20060816_063843_000000372050_00220_23320_0788.N1	16-AUG-2006 06:38:43	Dark	37.000	1	9Alp CMa	-1.4400	11000.	74	23320	No
55	GOM_NL__2PRFIN20060816_064020_000000322050_00220_23320_0789.N1	16-AUG-2006 06:40:20	Dark	32.000	179	24Omi2CMa	3.0320	24000.	64	23320	No
56	GOM_NL__2PRFIN20060816_064148_000000352050_00220_23320_0790.N1	16-AUG-2006 06:41:48	Dark	35.000	23	21Eps CMa	1.5020	26000.	70	23320	No
57	GOM_NL__2PRFIN20060816_064838_000000432050_00220_23320_0791.N1	16-AUG-2006 06:48:38	Dark	42.500	2	Alp Car	-0.73600	7000.0	85	23320	No
58	GOM_NL__2PRFIN20060816_065906_000000362050_00221_23321_0778.N1	16-AUG-2006 06:59:06	Dark	36.000	9	Alp Eri	0.45300	24000.	72	23321	No
59	GOM_NL__2PRFIN20060816_070451_000000342050_00221_23321_0779.N1	16-AUG-2006 07:04:51	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	23321	No
60	GOM_NL__2PRFIN20060816_070825_000000392050_00221_23321_0780.N1	16-AUG-2006 07:08:25	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	23321	No
61	GOM_NL__2PRFIN20060816_071123_000000362050_00221_23321_0781.N1	16-AUG-2006 07:11:23	Straylight	35.500	172	Gam Gru	3.0030	13100.	71	23321	No
62	GOM_NL__2PRFIN20060816_072555_000000312050_00221_23321_0782.N1	16-AUG-2006 07:25:55	Bright	31.000	11	53Alp Aql	0.76500	8000.0	62	23321	No
63	GOM_NL__2PRFIN20060816_073448_000000332050_00221_23321_0783.N1	16-AUG-2006 07:34:48	Bright	32.500	66	37Gam Cyg	2.2080	5900.0	65	23321	No
64	GOM_NL__2PRFIN20060816_073605_000000312050_00221_23321_0784.N1	16-AUG-2006 07:36:05	Bright	30.500	144	18Del Cyg	2.8600	11000.	61	23321	No
65	GOM_NL__2PRFIN20060816_074848_000000272050_00221_23321_0785.N1	16-AUG-2006 07:48:48	Bright	27.000	49	1Alp UMi	1.9900	6300.0	54	23321	No
66	GOM_NL__2PRFIN20060816_080836_000000412050_00221_23321_0786.N1	16-AUG-2006 08:08:36	Twilight_stray	40.500	151	13Mu Gem	2.8900	3000.0	81	23321	No
67	GOM_NL__2PRFIN20060816_081011_000000372050_00221_23321_0787.N1	16-AUG-2006 08:10:11	Twilight_stray	36.500	44	24Gam Gem	1.9280	11000.	73	23321	No
68	GOM_NL__2PRFIN20060816_081919_000000392050_00221_23321_0788.N1	16-AUG-2006 08:19:19	Dark	39.000	1	9Alp CMa	-1.4400	11000.	78	23321	No
69	GOM_NL__2PRFIN20060816_082057_000000332050_00221_23321_0789.N1	16-AUG-2006 08:20:57	Dark	32.500	179	24Omi2CMa	3.0320	24000.	65	23321	No
70	GOM_NL__2PRFIN20060816_082224_000000362050_00221_23321_0790.N1	16-AUG-2006 08:22:24	Dark	36.000	23	21Eps CMa	1.5020	26000.	72	23321	No
71	GOM_NL__2PRFIN20060816_082914_000000402050_00221_23321_0791.N1	16-AUG-2006 08:29:14	Dark	39.500	2	Alp Car	-0.73600	7000.0	79	23321	No
72	GOM_NL__2PRFIN20060816_083943_000000402050_00222_23322_0778.N1	16-AUG-2006 08:39:43	Dark	40.000	9	Alp Eri	0.45300	24000.	80	23322	No
73	GOM_NL__2PRFIN20060816_084528_000000342050_00222_23322_0779.N1	16-AUG-2006 08:45:28	Straylight	33.500	148	Alp Tuc	2.8780	4100.0	67	23322	No
74	GOM_NL__2PRFIN20060816_084901_000000382050_00222_23322_0780.N1	16-AUG-2006 08:49:01	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	23322	No
75	GOM_NL__2PRFIN20060816_085200_000000342050_00222_23322_0781.N1	16-AUG-2006 08:52:00	Straylight	34.000	172	Gam Gru	3.0030	13100.	68	23322	No
76	GOM_NL__2PRFIN20060816_090631_000000312050_00222_23322_0782.N1	16-AUG-2006 09:06:31	Bright	31.000	11	53Alp Aql	0.76500	8000.0	62	23322	No
77	GOM_NL__2PRFIN20060816_091524_000000292050_00222_23322_0783.N1	16-AUG-2006 09:15:24	Bright	28.500	66	37Gam Cyg	2.2080	5900.0	57	23322	No
78	GOM_NL__2PRFIN20060816_091641_000000302050_00222_23322_0784.N1	16-AUG-2006 09:16:41	Bright	30.000	144	18Del Cyg	2.8600	11000.	60	23322	No
79	GOM_NL__2PRFIN20060816_092924_000000302050_00222_23322_0785.N1	16-AUG-2006 09:29:24	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23322	No
80	GOM_NL__2PRFIN20060816_094913_000000472050_00222_23322_0786.N1	16-AUG-2006 09:49:13	Twilight_stray	47.000	151	13Mu Gem	2.8900	3000.0	94	23322	No
81	GOM_NL__2PRFIN20060816_095048_000000382050_00222_23322_0787.N1	16-AUG-2006 09:50:48	Twilight_stray	38.000	44	24Gam Gem	1.9280	11000.	76	23322	No
82	GOM_NL__2PRFIN20060816_095955_000000392050_00222_23322_0788.N1	16-AUG-2006 09:59:55	Dark	39.000	1	9Alp CMa	-1.4400	11000.	78	23322	No
83	GOM_NL__2PRFIN20060816_100133_000000322050_00222_23322_0789.N1	16-AUG-2006 10:01:33	Dark	32.000	179	24Omi2CMa	3.0320	24000.	64	23322	No
84	GOM_NL__2PRFIN20060816_100300_000000342050_00222_23322_0790.N1	16-AUG-2006 10:03:00	Dark	34.000	23	21Eps CMa	1.5020	26000.	68	23322	No
85	GOM_NL__2PRFIN20060816_100950_000000422050_00222_23322_0791.N1	16-AUG-2006 10:09:50	Dark	42.000	2	Alp Car	-0.73600	7000.0	84	23322	No
86	GOM_NL__2PRFIN20060816_102019_000000422050_00223_23323_0778.N1	16-AUG-2006 10:20:19	Dark	42.000	9	Alp Eri	0.45300	24000.	84	23323	No
87	GOM_NL__2PRFIN20060816_102603_000000352050_00223_23323_0779.N1	16-AUG-2006 10:26:03	Straylight	35.000	148	Alp Tuc	2.8780	4100.0	70	23323	No
88	GOM_NL__2PRFIN20060816_102937_000000392050_00223_23323_0780.N1	16-AUG-2006 10:29:37	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	23323	No
89	GOM_NL__2PRFIN20060816_103236_000000362050_00223_23323_0781.N1	16-AUG-2006 10:32:36	Straylight	35.500	172	Gam Gru	3.0030	13100.	71	23323	No
90	GOM_NL__2PRFIN20060816_104707_000000322050_00223_23323_0782.N1	16-AUG-2006 10:47:07	Bright	32.000	11	53Alp Aql	0.76500	8000.0	64	23323	No
91	GOM_NL__2PRFIN20060816_105600_000000322050_00223_23323_0783.N1	16-AUG-2006 10:56:00	Bright	32.000	66	37Gam Cyg	2.2080	5900.0	64	23323	No
92	GOM_NL__2PRFIN20060816_105717_000000292050_00223_23323_0784.N1	16-AUG-2006 10:57:17	Bright	29.000	144	18Del Cyg	2.8600	11000.	58	23323	No
93	GOM_NL__2PRFIN20060816_111000_000000302050_00223_23323_0785.N1	16-AUG-2006 11:10:00	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23323	No
94	GOM_NL__2PRFIN20060816_112948_000000442050_00223_23323_0786.N1	16-AUG-2006 11:29:48	Twilight_stray	44.000	151	13Mu Gem	2.8900	3000.0	88	23323	No
95	GOM_NL__2PRFIN20060816_113124_000000382050_00223_23323_0787.N1	16-AUG-2006 11:31:24	Twilight_stray	37.500	44	24Gam Gem	1.9280	11000.	75	23323	No
96	GOM_NL__2PRFIN20060816_114032_000000402050_00223_23323_0788.N1	16-AUG-2006 11:40:32	Dark	39.500	1	9Alp CMa	-1.4400	11000.	79	23323	No
97	GOM_NL__2PRFIN20060816_114209_000000332050_00223_23323_0789.N1	16-AUG-2006 11:42:09	Dark	33.000	179	24Omi2CMa	3.0320	24000.	66	23323	No
98	GOM_NL__2PRFIN20060816_114336_000000342050_00223_23323_0790.N1	16-AUG-2006 11:43:36	Dark	33.500	23	21Eps CMa	1.5020	26000.	67	23323	No
99	GOM_NL__2PRFIN20060816_115026_000000462050_00223_23323_0791.N1	16-AUG-2006 11:50:26	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	23323	No
100	GOM_NL__2PRFIN20060816_120056_000000372050_00224_23324_0778.N1	16-AUG-2006 12:00:56	Dark	36.500	9	Alp Eri	0.45300	24000.	73	23324	No
101	GOM_NL__2PRFIN20060816_120640_000000332050_00224_23324_0779.N1	16-AUG-2006 12:06:40	Straylight	33.000	148	Alp Tuc	2.8780	4100.0	66	23324	No

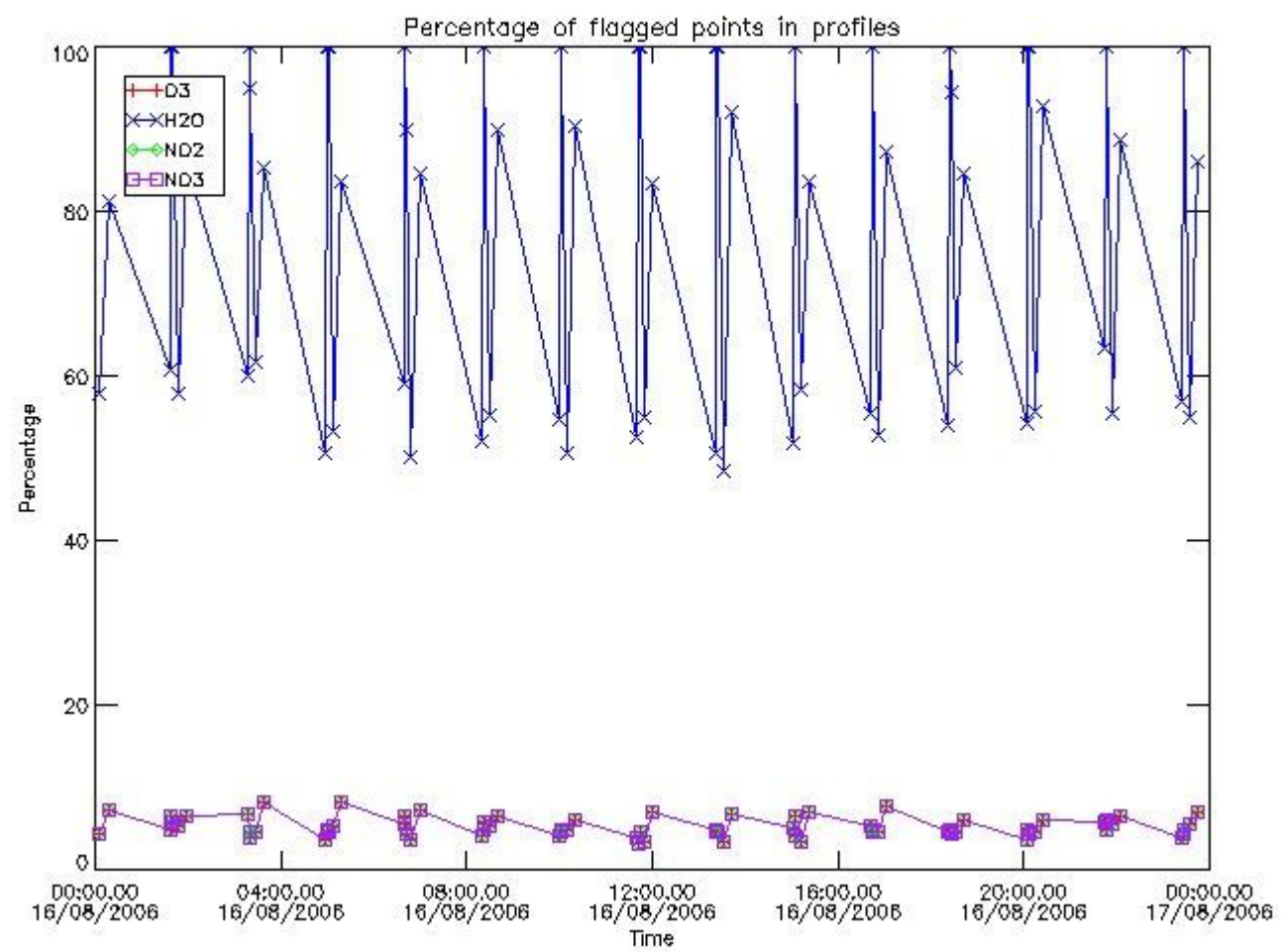
102	GOM_NL__2PRFIN20060816_121013_000000392050_00224_23324_0780.N1	16-AUG-2006 12:10:13	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	23324	No
103	GOM_NL__2PRFIN20060816_121312_000000342050_00224_23324_0781.N1	16-AUG-2006 12:13:12	Straylight	33.500	172	Gam Gru	3.0030	13100.	67	23324	No
104	GOM_NL__2PRFIN20060816_122743_000000322050_00224_23324_0782.N1	16-AUG-2006 12:27:43	Bright	32.000	11	53Alp Aql	0.76500	8000.0	64	23324	No
105	GOM_NL__2PRFIN20060816_123500_000000302050_00224_23324_0783.N1	16-AUG-2006 12:35:00	Bright	30.000	92	53Eps Cyg	2.5000	4500.0	60	23324	No
106	GOM_NL__2PRFIN20060816_123635_000000322050_00224_23324_0784.N1	16-AUG-2006 12:36:35	Bright	32.000	66	37Gam Cyg	2.2080	5900.0	64	23324	No
107	GOM_NL__2PRFIN20060816_123752_000000462050_00224_23324_0785.N1	16-AUG-2006 12:37:52	Bright	46.000	144	18Del Cyg	2.8600	11000.	92	23324	No
108	GOM_NL__2PRFIN20060816_125036_000000302050_00224_23324_0786.N1	16-AUG-2006 12:50:36	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23324	No
109	GOM_NL__2PRFIN20060816_131024_000000402050_00224_23324_0787.N1	16-AUG-2006 13:10:24	Tw_i_and_stray	39.500	151	13Mu Gem	2.8900	3000.0	79	23324	No
110	GOM_NL__2PRFIN20060816_131200_000000372050_00224_23324_0788.N1	16-AUG-2006 13:12:00	Tw_i_and_stray	37.000	44	24Gam Gem	1.9280	11000.	74	23324	No
111	GOM_NL__2PRFIN20060816_132108_000000432050_00224_23324_0789.N1	16-AUG-2006 13:21:08	Dark	43.000	1	9Alp CMa	-1.4400	11000.	86	23324	No
112	GOM_NL__2PRFIN20060816_132245_000000342050_00224_23324_0790.N1	16-AUG-2006 13:22:45	Dark	33.500	179	24Omi2CMa	3.0320	24000.	67	23324	No
113	GOM_NL__2PRFIN20060816_132413_000000342050_00224_23324_0791.N1	16-AUG-2006 13:24:13	Dark	34.000	23	21Eps CMa	1.5020	26000.	68	23324	No
114	GOM_NL__2PRFIN20060816_133102_000000462050_00224_23324_0792.N1	16-AUG-2006 13:31:02	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	23324	No
115	GOM_NL__2PRFIN20060816_134133_000000382050_00225_23325_0778.N1	16-AUG-2006 13:41:33	Dark	38.000	9	Alp Eri	0.45300	24000.	76	23325	No
116	GOM_NL__2PRFIN20060816_134716_000000342050_00225_23325_0779.N1	16-AUG-2006 13:47:16	Straylight	33.500	148	Alp Tuc	2.8780	4100.0	67	23325	No
117	GOM_NL__2PRFIN20060816_135050_000000382050_00225_23325_0780.N1	16-AUG-2006 13:50:50	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	23325	No
118	GOM_NL__2PRFIN20060816_135348_000000362050_00225_23325_0781.N1	16-AUG-2006 13:53:48	Straylight	35.500	172	Gam Gru	3.0030	13100.	71	23325	No
119	GOM_NL__2PRFIN20060816_140819_000000292050_00225_23325_0782.N1	16-AUG-2006 14:08:19	Bright	29.000	11	53Alp Aql	0.76500	8000.0	58	23325	No
120	GOM_NL__2PRFIN20060816_141536_000000332050_00225_23325_0783.N1	16-AUG-2006 14:15:36	Bright	33.000	92	53Eps Cyg	2.5000	4500.0	66	23325	No
121	GOM_NL__2PRFIN20060816_141711_000000332050_00225_23325_0784.N1	16-AUG-2006 14:17:11	Bright	32.500	66	37Gam Cyg	2.2080	5900.0	65	23325	No
122	GOM_NL__2PRFIN20060816_141829_000000292050_00225_23325_0785.N1	16-AUG-2006 14:18:29	Bright	28.500	144	18Del Cyg	2.8600	11000.	57	23325	No
123	GOM_NL__2PRFIN20060816_143112_000000292050_00225_23325_0786.N1	16-AUG-2006 14:31:12	Bright	28.500	49	1Alp UMi	1.9900	6300.0	57	23325	No
124	GOM_NL__2PRFIN20060816_145101_000000422050_00225_23325_0787.N1	16-AUG-2006 14:51:01	Tw_i_and_stray	42.000	151	13Mu Gem	2.8900	3000.0	84	23325	No
125	GOM_NL__2PRFIN20060816_145236_000000382050_00225_23325_0788.N1	16-AUG-2006 14:52:36	Tw_i_and_stray	37.500	44	24Gam Gem	1.9280	11000.	75	23325	No
126	GOM_NL__2PRFIN20060816_150144_000000412050_00225_23325_0789.N1	16-AUG-2006 15:01:44	Dark	41.000	1	9Alp CMa	-1.4400	11000.	82	23325	No
127	GOM_NL__2PRFIN20060816_150321_000000322050_00225_23325_0790.N1	16-AUG-2006 15:03:21	Dark	32.000	179	24Omi2CMa	3.0320	24000.	64	23325	No
128	GOM_NL__2PRFIN20060816_150449_000000382050_00225_23325_0791.N1	16-AUG-2006 15:04:49	Dark	38.000	23	21Eps CMa	1.5020	26000.	76	23325	No
129	GOM_NL__2PRFIN20060816_151139_000000462050_00225_23325_0792.N1	16-AUG-2006 15:11:39	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	23325	No
130	GOM_NL__2PRFIN20060816_152209_000000372050_00226_23326_0778.N1	16-AUG-2006 15:22:09	Dark	37.000	9	Alp Eri	0.45300	24000.	74	23326	No
131	GOM_NL__2PRFIN20060816_152752_000000342050_00226_23326_0779.N1	16-AUG-2006 15:27:52	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	23326	No
132	GOM_NL__2PRFIN20060816_153126_000000342050_00226_23326_0780.N1	16-AUG-2006 15:31:26	Straylight	33.500	31	Alp Gru	1.7340	15200.	67	23326	No
133	GOM_NL__2PRFIN20060816_153424_000000352050_00226_23326_0781.N1	16-AUG-2006 15:34:24	Straylight	34.500	172	Gam Gru	3.0030	13100.	69	23326	No
134	GOM_NL__2PRFIN20060816_154855_000000292050_00226_23326_0782.N1	16-AUG-2006 15:48:55	Bright	29.000	11	53Alp Aql	0.76500	8000.0	58	23326	No
135	GOM_NL__2PRFIN20060816_155612_000000342050_00226_23326_0783.N1	16-AUG-2006 15:56:12	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	23326	No
136	GOM_NL__2PRFIN20060816_155747_000000322050_00226_23326_0784.N1	16-AUG-2006 15:57:47	Bright	31.500	66	37Gam Cyg	2.2080	5900.0	63	23326	No
137	GOM_NL__2PRFIN20060816_155904_000000312050_00226_23326_0785.N1	16-AUG-2006 15:59:04	Bright	31.000	144	18Del Cyg	2.8600	11000.	62	23326	No
138	GOM_NL__2PRFIN20060816_161147_000000302050_00226_23326_0786.N1	16-AUG-2006 16:11:47	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23326	No
139	GOM_NL__2PRFIN20060816_163137_000000442050_00226_23326_0787.N1	16-AUG-2006 16:31:37	Tw_i_and_stray	43.500	151	13Mu Gem	2.8900	3000.0	87	23326	No
140	GOM_NL__2PRFIN20060816_163312_000000382050_00226_23326_0788.N1	16-AUG-2006 16:33:12	Tw_i_and_stray	37.500	44	24Gam Gem	1.9280	11000.	75	23326	No
141	GOM_NL__2PRFIN20060816_164220_000000392050_00226_23326_0789.N1	16-AUG-2006 16:42:20	Dark	38.500	1	9Alp CMa	-1.4400	11000.	77	23326	No
142	GOM_NL__2PRFIN20060816_164357_000000332050_00226_23326_0790.N1	16-AUG-2006 16:43:57	Dark	32.500	179	24Omi2CMa	3.0320	24000.	65	23326	No
143	GOM_NL__2PRFIN20060816_164525_000000342050_00226_23326_0791.N1	16-AUG-2006 16:45:25	Dark	34.000	23	21Eps CMa	1.5020	26000.	68	23326	No
144	GOM_NL__2PRFIN20060816_165215_000000462050_00226_23326_0792.N1	16-AUG-2006 16:52:15	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	23326	No
145	GOM_NL__2PRFIN20060816_170246_000000402050_00227_23327_0778.N1	16-AUG-2006 17:02:46	Dark	39.500	9	Alp Eri	0.45300	24000.	79	23327	No
146	GOM_NL__2PRFIN20060816_170829_000000342050_00227_23327_0779.N1	16-AUG-2006 17:08:29	Straylight	33.500	148	Alp Tuc	2.8780	4100.0	67	23327	No
147	GOM_NL__2PRFIN20060816_171202_000000352050_00227_23327_0780.N1	16-AUG-2006 17:12:02	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	23327	No
148	GOM_NL__2PRFIN20060816_171501_000000342050_00227_23327_0781.N1	16-AUG-2006 17:15:01	Straylight	34.000	172	Gam Gru	3.0030	13100.	68	23327	No
149	GOM_NL__2PRFIN20060816_172931_000000312050_00227_23327_0782.N1	16-AUG-2006 17:29:31	Bright	30.500	11	53Alp Aql	0.76500	8000.0	61	23327	No
150	GOM_NL__2PRFIN20060816_173647_000000342050_00227_23327_0783.N1	16-AUG-2006 17:36:47	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	23327	No
151	GOM_NL__2PRFIN20060816_173823_000000302050_00227_23327_0784.N1	16-AUG-2006 17:38:23	Bright	29.500	66	37Gam Cyg	2.2080	5900.0	59	23327	No
152	GOM_NL__2PRFIN20060816_173941_000000302050_00227_23327_0785.N1	16-AUG-2006 17:39:41	Bright	29.500	144	18Del Cyg	2.8600	11000.	59	23327	No
153	GOM_NL__2PRFIN20060816_175223_000000302050_00227_23327_0786.N1	16-AUG-2006 17:52:23	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23327	No
154	GOM_NL__2PRFIN20060816_181213_000000382050_00227_23327_0787.N1	16-AUG-2006 18:12:13	Tw_i_and_stray	37.500	151	13Mu Gem	2.8900	3000.0	75	23327	No
155	GOM_NL__2PRFIN20060816_181349_000000362050_00227_23327_0788.N1	16-AUG-2006 18:13:49	Tw_i_and_stray	36.000	44	24Gam Gem	1.9280	11000.	72	23327	No
156	GOM_NL__2PRFIN20060816_182257_000000442050_00227_23327_0789.N1	16-AUG-2006 18:22:57	Dark	44.000	1	9Alp CMa	-1.4400	11000.	88	23327	No
157	GOM_NL__2PRFIN20060816_182434_000000332050_00227_23327_0790.N1	16-AUG-2006 18:24:34	Dark	32.500	179	24Omi2CMa	3.0320	24000.	65	23327	No
158	GOM_NL__2PRFIN20060816_182601_000000372050_00227_23327_0791.N1	16-AUG-2006 18:26:01	Dark	36.500	23	21Eps CMa	1.5020	26000.	73	23327	No
159	GOM_NL__2PRFIN20060816_183251_000000442050_00227_23327_0792.N1	16-AUG-2006 18:32:51	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	23327	No
160	GOM_NL__2PRFIN20060816_184322_000000432050_00228_23328_0778.N1	16-AUG-2006 18:43:22	Dark	42.500	9	Alp Eri	0.45300	24000.	85	23328	No

161	GOM_NL__2PRFIN20060816_184905_000000322050_00228_23328_0779.N1	16-AUG-2006 18:49:05	Straylight	32.000	148	Alp Tuc	2.8780	4100.0	64	23328	No
162	GOM_NL__2PRFIN20060816_185239_000000332050_00228_23328_0780.N1	16-AUG-2006 18:52:39	Straylight	33.000	31	Alp Gru	1.7340	15200.	66	23328	No
163	GOM_NL__2PRFIN20060816_185537_000000362050_00228_23328_0781.N1	16-AUG-2006 18:55:37	Straylight	35.500	172	Gam Gru	3.0030	13100.	71	23328	No
164	GOM_NL__2PRFIN20060816_191007_000000312050_00228_23328_0782.N1	16-AUG-2006 19:10:07	Bright	31.000	11	53Alp Aql	0.76500	8000.0	62	23328	No
165	GOM_NL__2PRFIN20060816_191723_000000322050_00228_23328_0783.N1	16-AUG-2006 19:17:23	Bright	31.500	92	53Eps Cyg	2.5000	4500.0	63	23328	No
166	GOM_NL__2PRFIN20060816_191859_000000322050_00228_23328_0784.N1	16-AUG-2006 19:18:59	Bright	31.500	66	37Gam Cyg	2.2080	5900.0	63	23328	No
167	GOM_NL__2PRFIN20060816_192017_000000292050_00228_23328_0785.N1	16-AUG-2006 19:20:17	Bright	28.500	144	18Del Cyg	2.8600	11000.	57	23328	No
168	GOM_NL__2PRFIN20060816_193300_000000302050_00228_23328_0786.N1	16-AUG-2006 19:33:00	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23328	No
169	GOM_NL__2PRFIN20060816_195249_000000492050_00228_23328_0787.N1	16-AUG-2006 19:52:49	Twi_and_stray	48.500	151	13Mu Gem	2.8900	3000.0	97	23328	No
170	GOM_NL__2PRFIN20060816_195425_000000362050_00228_23328_0788.N1	16-AUG-2006 19:54:25	Twi_and_stray	35.500	44	24Gam Gem	1.9280	11000.	71	23328	No
171	GOM_NL__2PRFIN20060816_200333_000000422050_00228_23328_0789.N1	16-AUG-2006 20:03:33	Dark	42.000	1	9Alp CMa	-1.4400	11000.	84	23328	No
172	GOM_NL__2PRFIN20060816_200510_000000332050_00228_23328_0790.N1	16-AUG-2006 20:05:10	Dark	32.500	179	24Omi2CMa	3.0320	24000.	65	23328	No
173	GOM_NL__2PRFIN20060816_200637_000000352050_00228_23328_0791.N1	16-AUG-2006 20:06:37	Dark	35.000	23	21Eps CMa	1.5020	26000.	70	23328	No
174	GOM_NL__2PRFIN20060816_201327_000000462050_00228_23328_0792.N1	16-AUG-2006 20:13:27	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	23328	No
175	GOM_NL__2PRFIN20060816_202359_000000422050_00229_23329_0778.N1	16-AUG-2006 20:23:59	Dark	42.000	9	Alp Eri	0.45300	24000.	84	23329	No
176	GOM_NL__2PRFIN20060816_202941_000000342050_00229_23329_0779.N1	16-AUG-2006 20:29:41	Straylight	33.500	148	Alp Tuc	2.8780	4100.0	67	23329	No
177	GOM_NL__2PRFIN20060816_203315_000000352050_00229_23329_0780.N1	16-AUG-2006 20:33:15	Straylight	35.000	31	Alp Gru	1.7340	15200.	70	23329	No
178	GOM_NL__2PRFIN20060816_203613_000000352050_00229_23329_0781.N1	16-AUG-2006 20:36:13	Straylight	34.500	172	Gam Gru	3.0030	13100.	69	23329	No
179	GOM_NL__2PRFIN20060816_205043_000000302050_00229_23329_0782.N1	16-AUG-2006 20:50:43	Bright	30.000	11	53Alp Aql	0.76500	8000.0	60	23329	No
180	GOM_NL__2PRFIN20060816_205759_000000312050_00229_23329_0783.N1	16-AUG-2006 20:57:59	Bright	31.000	92	53Eps Cyg	2.5000	4500.0	62	23329	No
181	GOM_NL__2PRFIN20060816_205935_000000302050_00229_23329_0784.N1	16-AUG-2006 20:59:35	Bright	30.000	66	37Gam Cyg	2.2080	5900.0	60	23329	No
182	GOM_NL__2PRFIN20060816_210052_000000292050_00229_23329_0785.N1	16-AUG-2006 21:00:52	Bright	28.500	144	18Del Cyg	2.8600	11000.	57	23329	No
183	GOM_NL__2PRFIN20060816_211335_000000302050_00229_23329_0786.N1	16-AUG-2006 21:13:35	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23329	No
184	GOM_NL__2PRFIN20060816_213325_000000402050_00229_23329_0787.N1	16-AUG-2006 21:33:25	Twi_and_stray	39.500	151	13Mu Gem	2.8900	3000.0	79	23329	No
185	GOM_NL__2PRFIN20060816_213501_000000362050_00229_23329_0788.N1	16-AUG-2006 21:35:01	Twi_and_stray	36.000	44	24Gam Gem	1.9280	11000.	72	23329	No
186	GOM_NL__2PRFIN20060816_214409_000000362050_00229_23329_0789.N1	16-AUG-2006 21:44:09	Dark	36.000	1	9Alp CMa	-1.4400	11000.	72	23329	No
187	GOM_NL__2PRFIN20060816_214546_000000332050_00229_23329_0790.N1	16-AUG-2006 21:45:46	Dark	32.500	179	24Omi2CMa	3.0320	24000.	65	23329	No
188	GOM_NL__2PRFIN20060816_214714_000000352050_00229_23329_0791.N1	16-AUG-2006 21:47:14	Dark	34.500	23	21Eps CMa	1.5020	26000.	69	23329	No
189	GOM_NL__2PRFIN20060816_215403_000000382050_00229_23329_0792.N1	16-AUG-2006 21:54:03	Dark	37.500	2	Alp Car	-0.73600	7000.0	75	23329	No
190	GOM_NL__2PRFIN20060816_220436_000000402050_00230_23330_0798.N1	16-AUG-2006 22:04:36	Dark	40.000	9	Alp Eri	0.45300	24000.	80	23330	No
191	GOM_NL__2PRFIN20060816_221017_000000422050_00230_23330_0799.N1	16-AUG-2006 22:10:17	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	23330	No
192	GOM_NL__2PRFIN20060816_221351_000000352050_00230_23330_0800.N1	16-AUG-2006 22:13:51	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	23330	No
193	GOM_NL__2PRFIN20060816_221649_000000342050_00230_23330_0801.N1	16-AUG-2006 22:16:49	Straylight	34.000	172	Gam Gru	3.0030	13100.	68	23330	No
194	GOM_NL__2PRFIN20060816_223119_000000302050_00230_23330_0802.N1	16-AUG-2006 22:31:19	Bright	30.000	11	53Alp Aql	0.76500	8000.0	60	23330	No
195	GOM_NL__2PRFIN20060816_223835_000000312050_00230_23330_0803.N1	16-AUG-2006 22:38:35	Bright	30.500	92	53Eps Cyg	2.5000	4500.0	61	23330	No
196	GOM_NL__2PRFIN20060816_224010_000000302050_00230_23330_0804.N1	16-AUG-2006 22:40:10	Bright	30.000	66	37Gam Cyg	2.2080	5900.0	60	23330	No
197	GOM_NL__2PRFIN20060816_224129_000000292050_00230_23330_0805.N1	16-AUG-2006 22:41:29	Bright	28.500	144	18Del Cyg	2.8600	11000.	57	23330	No
198	GOM_NL__2PRFIN20060816_225411_000000302050_00230_23330_0806.N1	16-AUG-2006 22:54:11	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23330	No
199	GOM_NL__2PRFIN20060816_231401_000000432050_00230_23330_0807.N1	16-AUG-2006 23:14:01	Twi_and_stray	42.500	151	13Mu Gem	2.8900	3000.0	85	23330	No
200	GOM_NL__2PRFIN20060816_231537_000000362050_00230_23330_0808.N1	16-AUG-2006 23:15:37	Twi_and_stray	35.500	44	24Gam Gem	1.9280	11000.	71	23330	No
201	GOM_NL__2PRFIN20060816_232445_000000412050_00230_23330_0809.N1	16-AUG-2006 23:24:45	Dark	41.000	1	9Alp CMa	-1.4400	11000.	82	23330	No
202	GOM_NL__2PRFIN20060816_232622_000000322050_00230_23330_0810.N1	16-AUG-2006 23:26:22	Dark	32.000	179	24Omi2CMa	3.0320	24000.	64	23330	No
203	GOM_NL__2PRFIN20060816_232750_000000362050_00230_23330_0811.N1	16-AUG-2006 23:27:50	Dark	36.000	23	21Eps CMa	1.5020	26000.	72	23330	No
204	GOM_NL__2PRFIN20060816_233439_000000372050_00230_23330_0812.N1	16-AUG-2006 23:34:39	Dark	37.000	2	Alp Car	-0.73600	7000.0	74	23330	No
205	GOM_NL__2PRFIN20060816_234512_000000372050_00231_23331_0798.N1	16-AUG-2006 23:45:12	Dark	36.500	9	Alp Eri	0.45300	24000.	73	23331	No
206	GOM_NL__2PRFIN20060816_235053_000000412050_00231_23331_0799.N1	16-AUG-2006 23:50:53	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	23331	No
207	GOM_NL__2PRFIN20060816_235427_000000342050_00231_23331_0800.N1	16-AUG-2006 23:54:27	Straylight	33.500	31	Alp Gru	1.7340	15200.	67	23331	No
208	GOM_NL__2PRFIN20060816_235726_000000352050_00231_23331_0801.N1	16-AUG-2006 23:57:26	Straylight	34.500	172	Gam Gru	3.0030	13100.	69	23331	No

3. Quality information per product

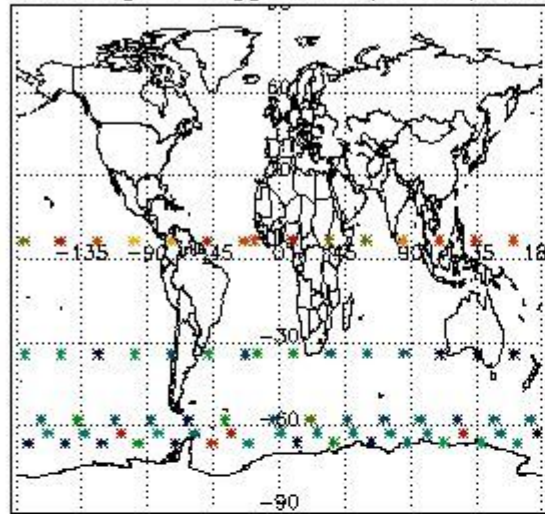
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

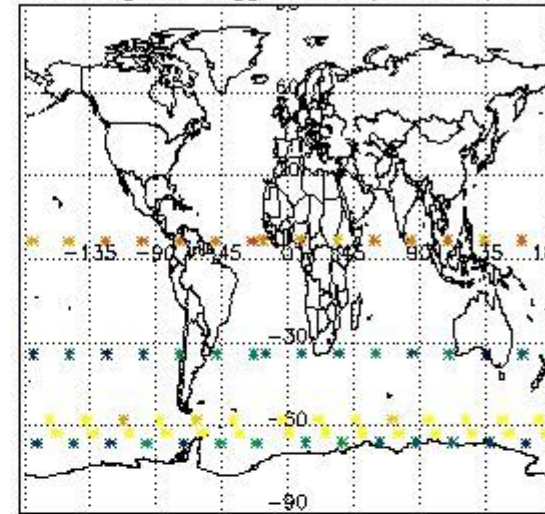


3.2 Plot quality information per product (world map)

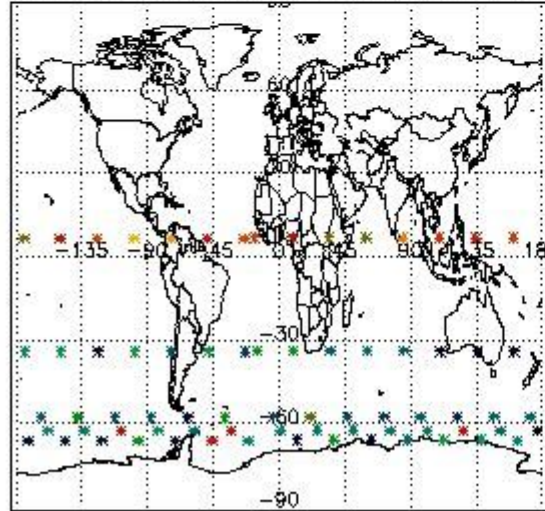
Percentage of flagged data per O3 profile



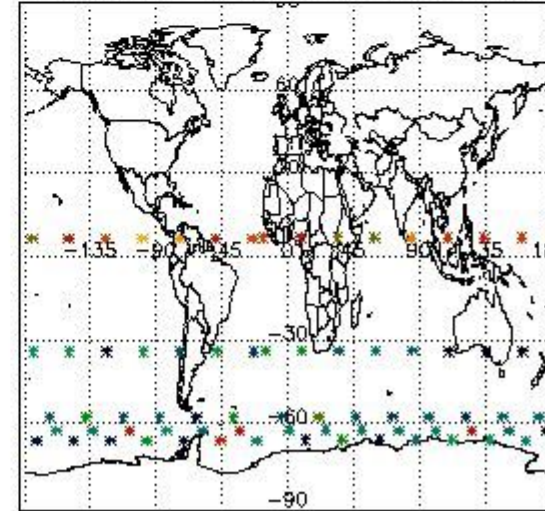
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

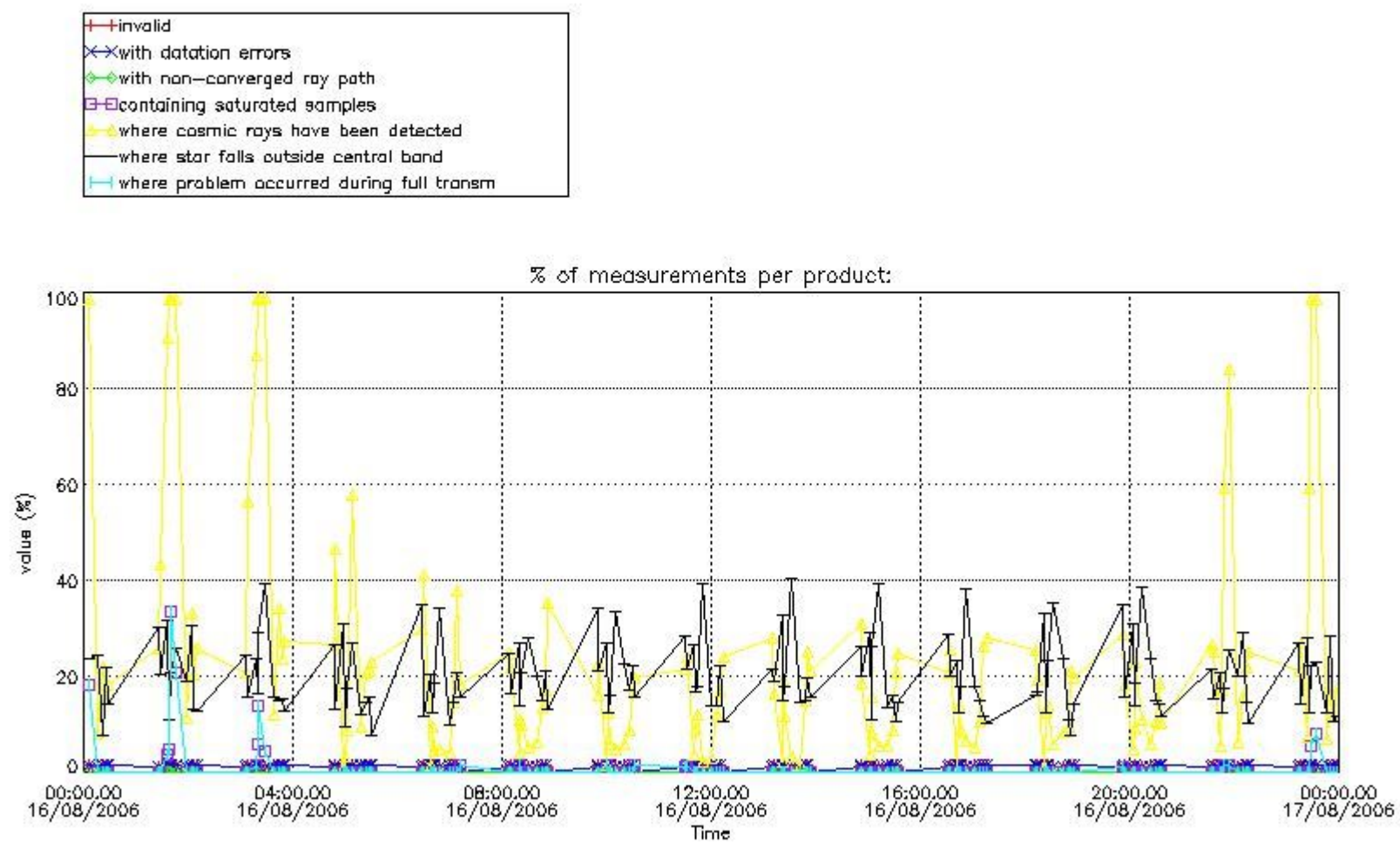


4. Level 1 quality information per product

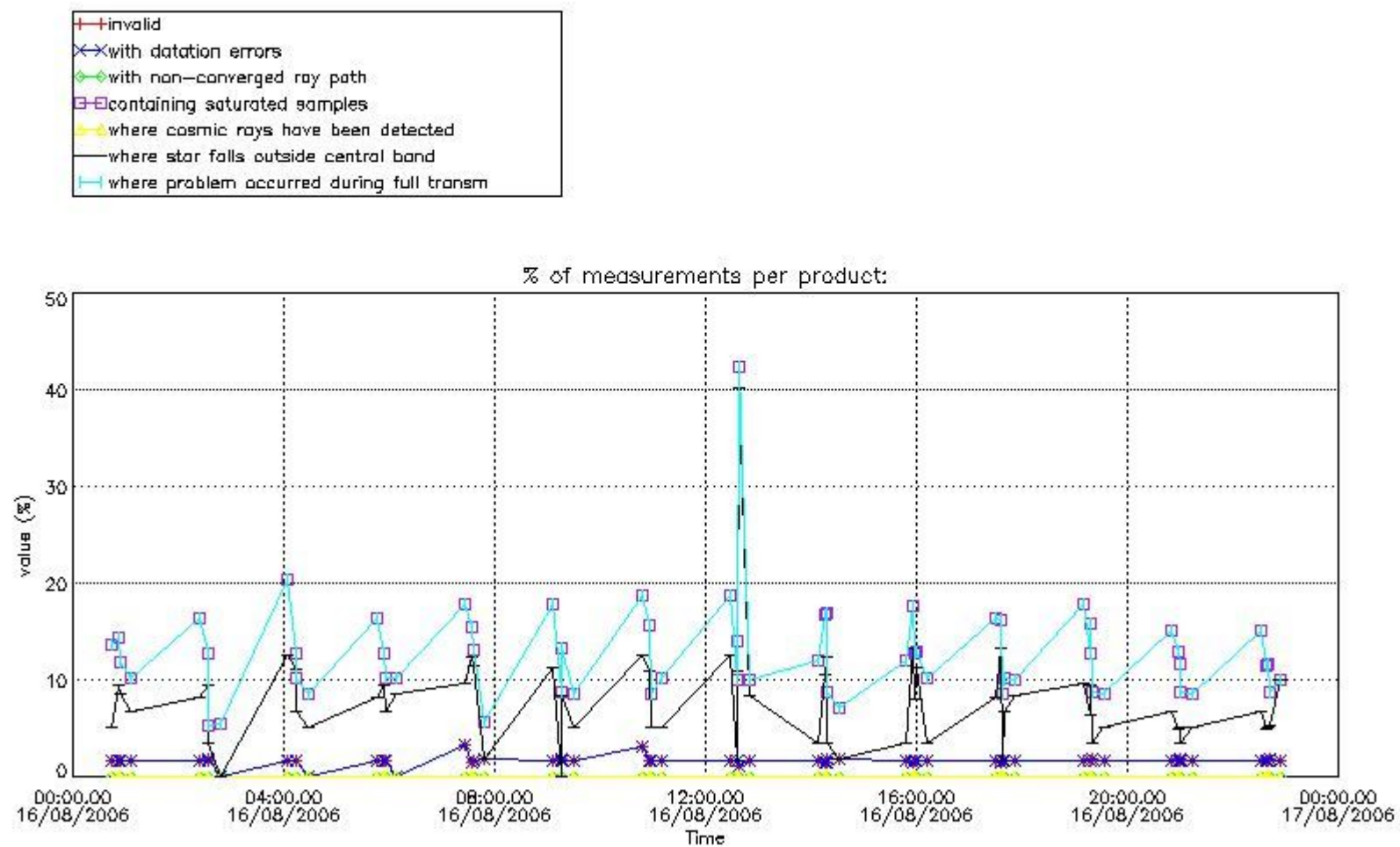
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

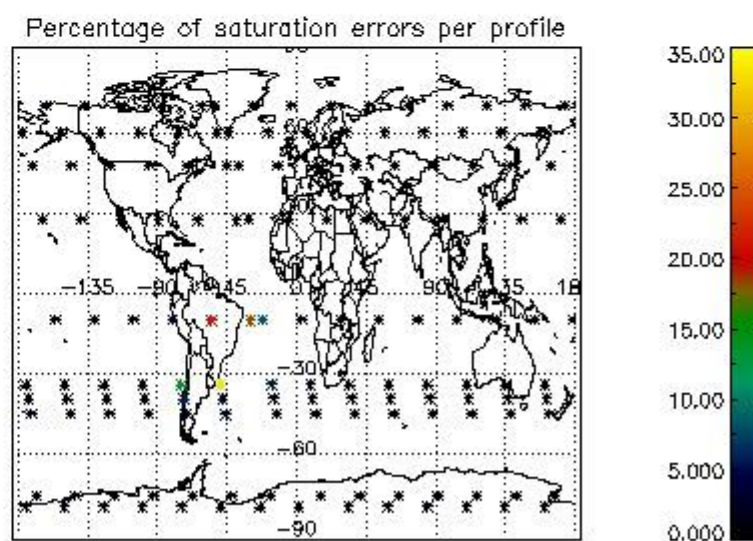
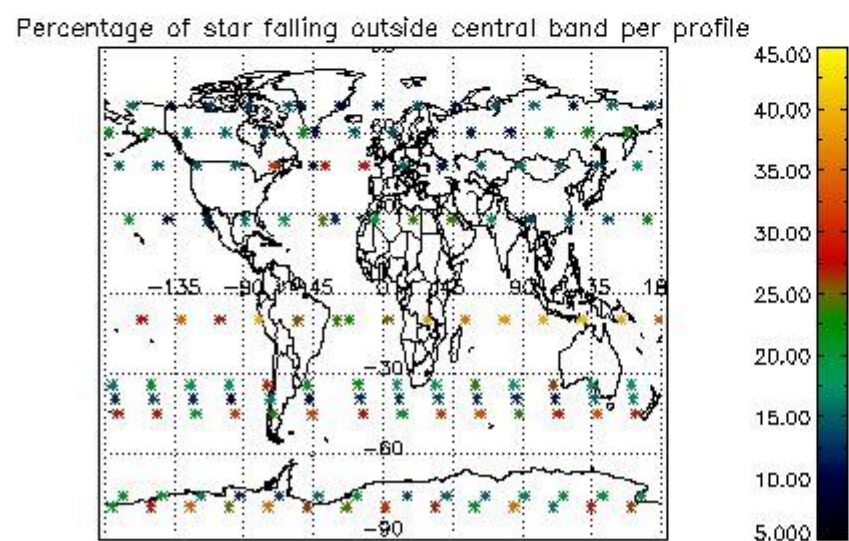
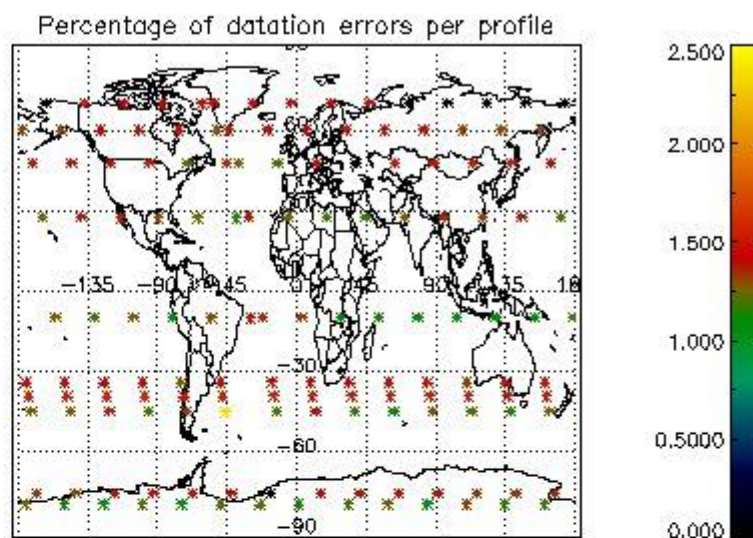
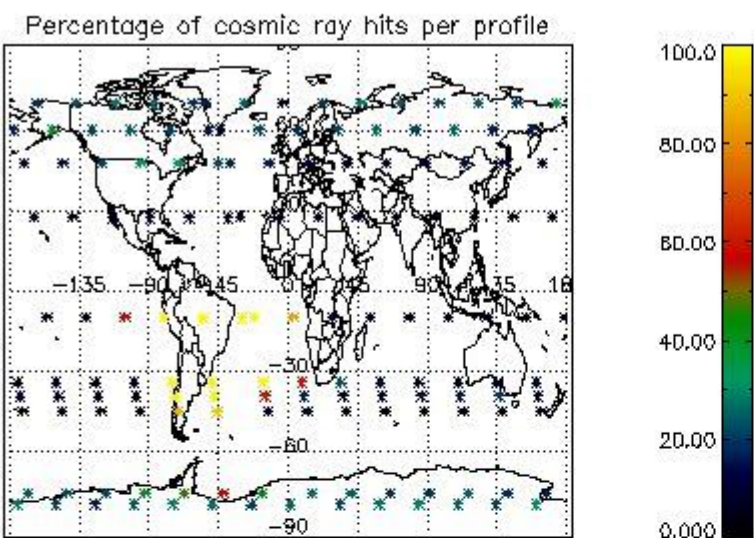


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

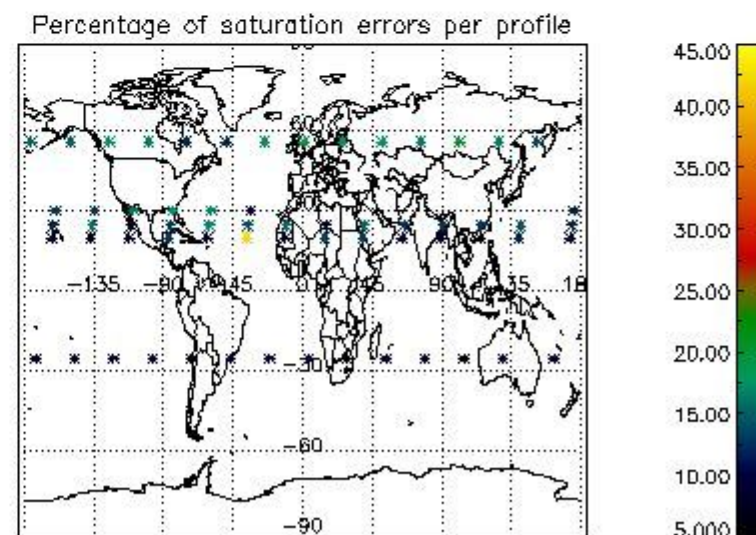
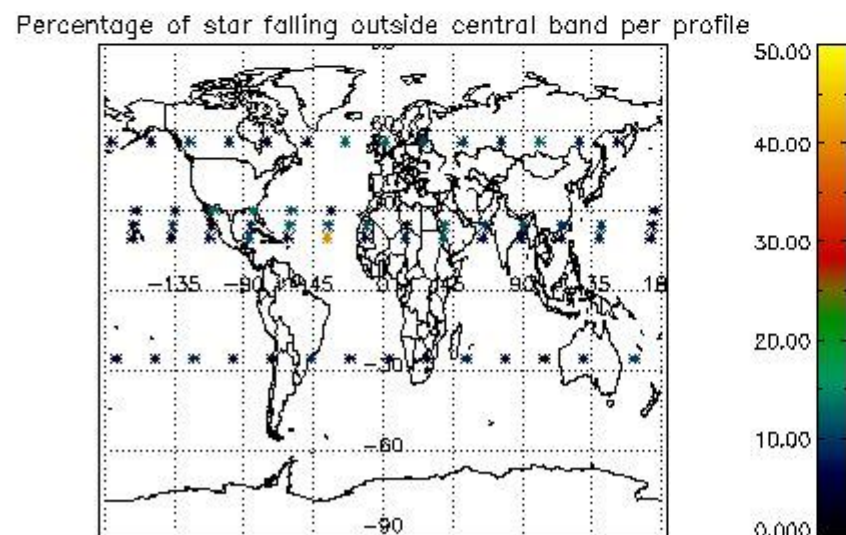
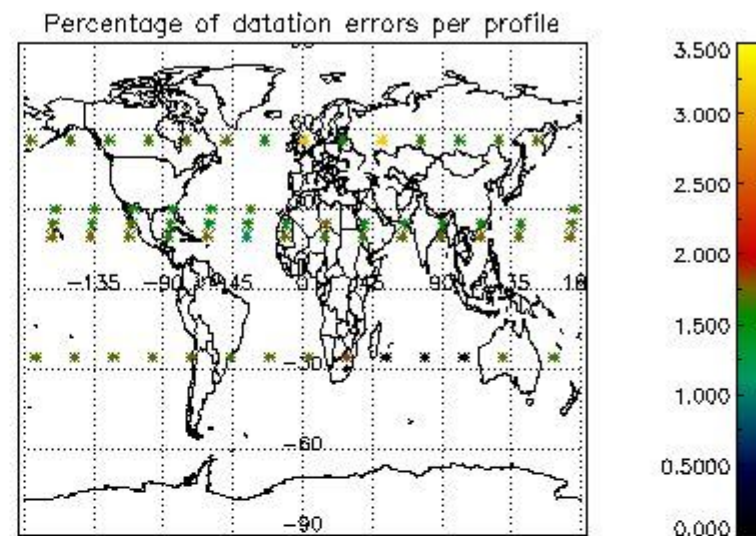
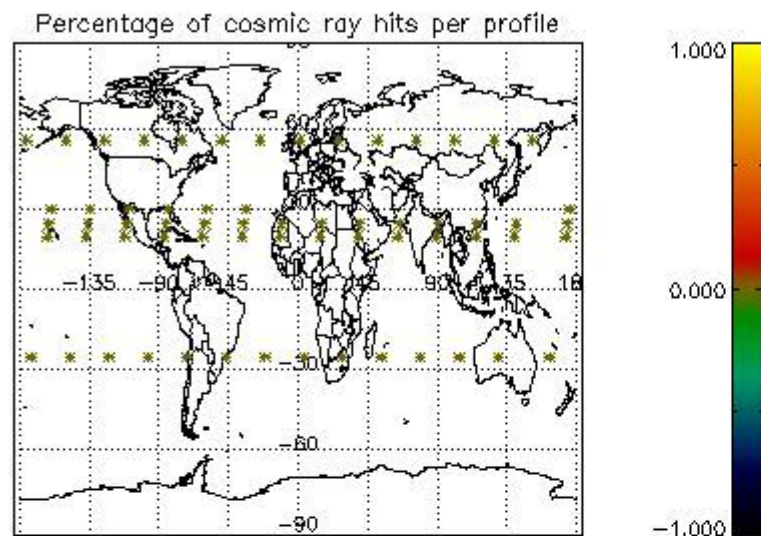


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

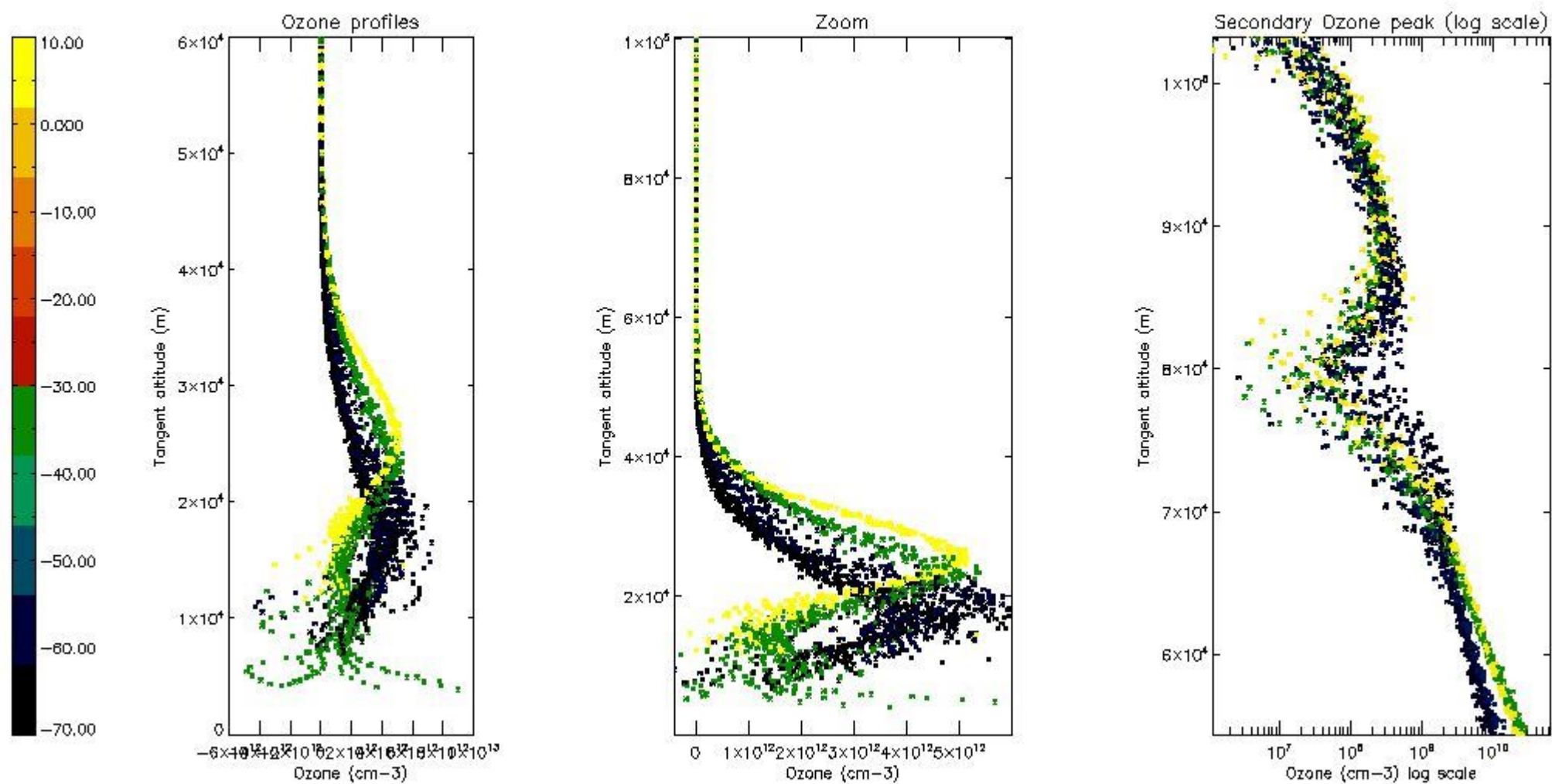
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	37
STD < 20	30

STD < 10	26
STD < 5	21

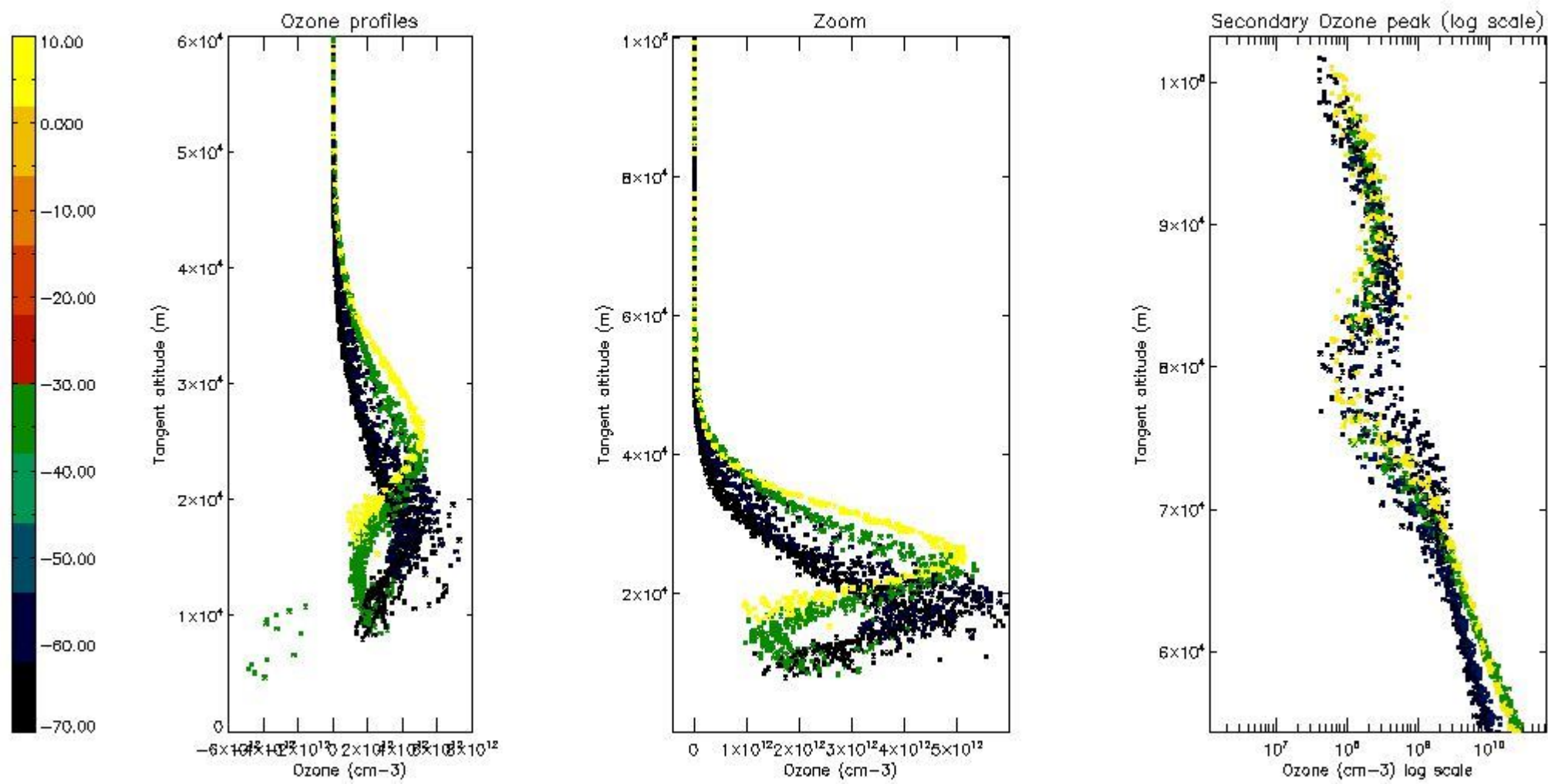
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



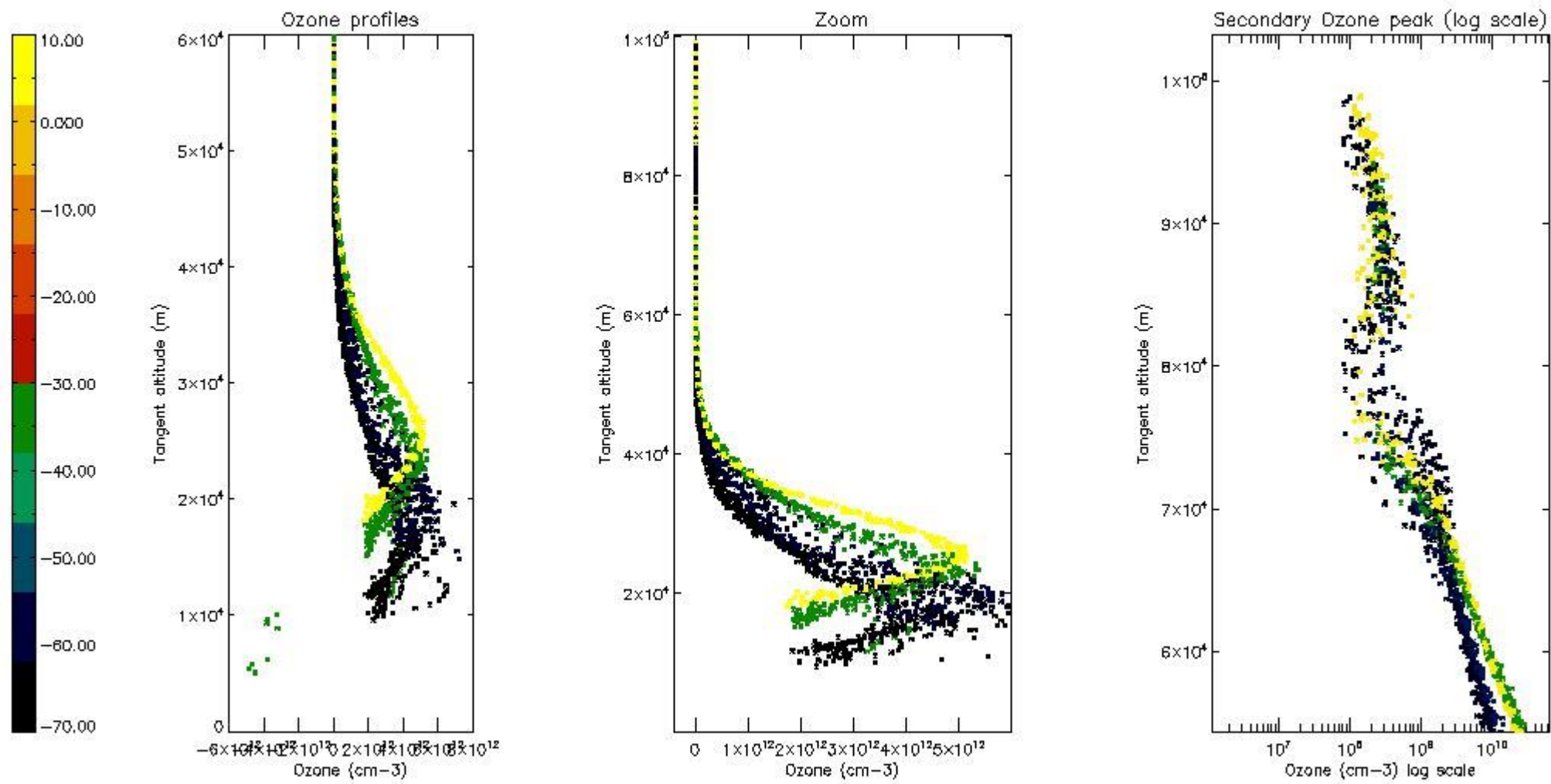
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



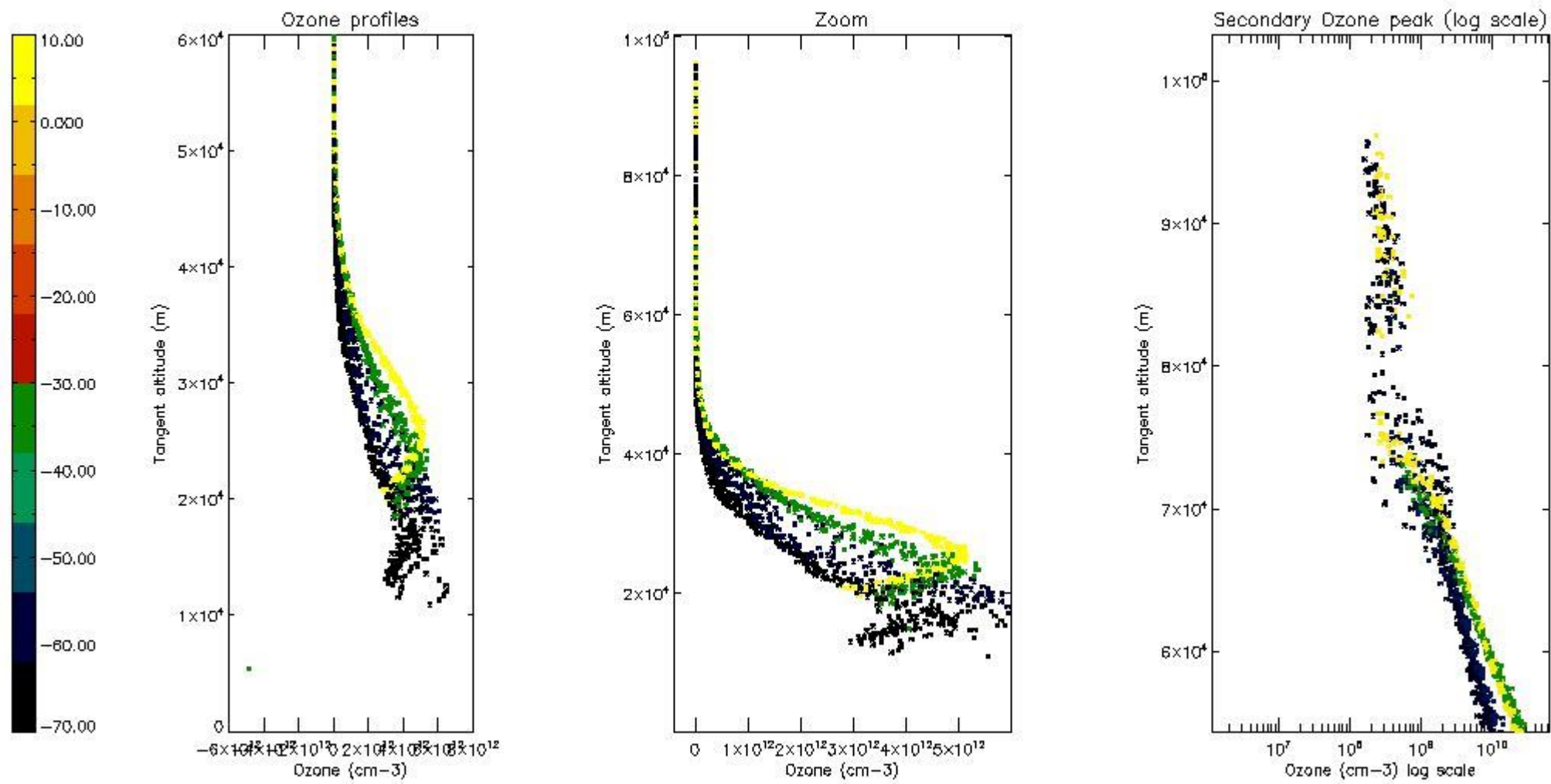
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



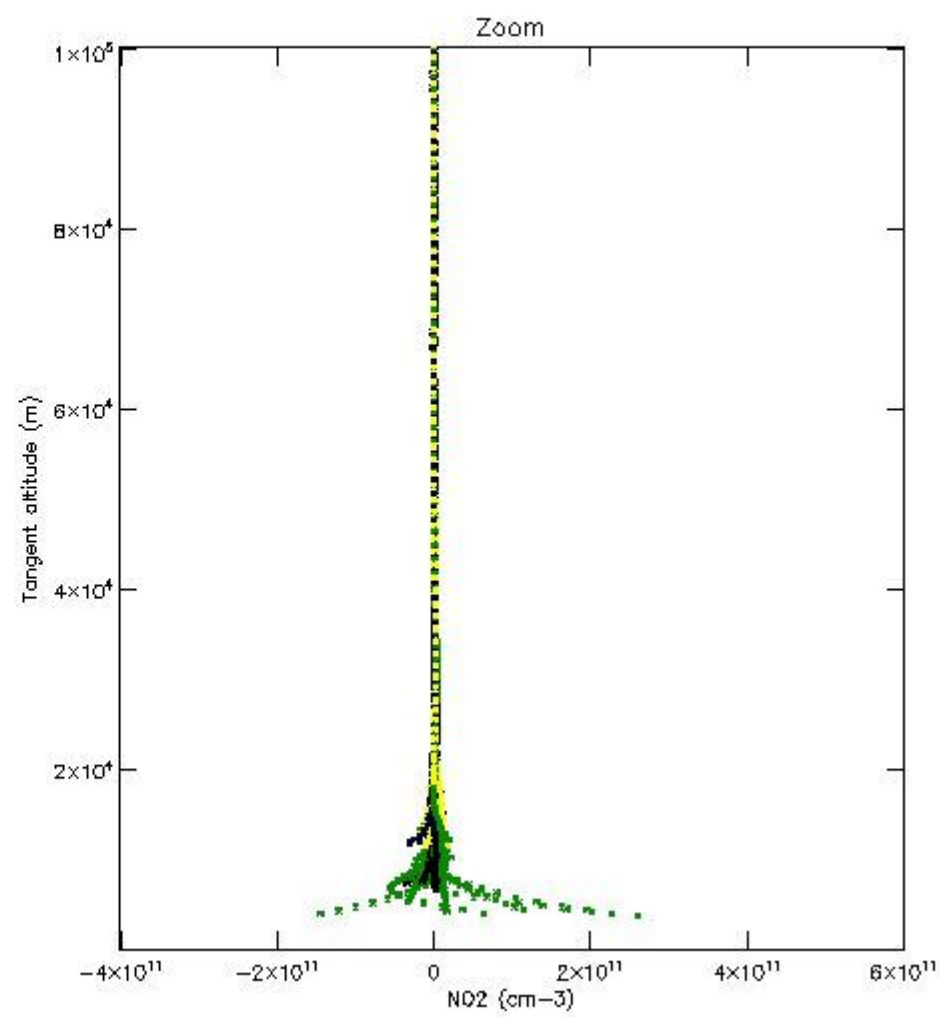
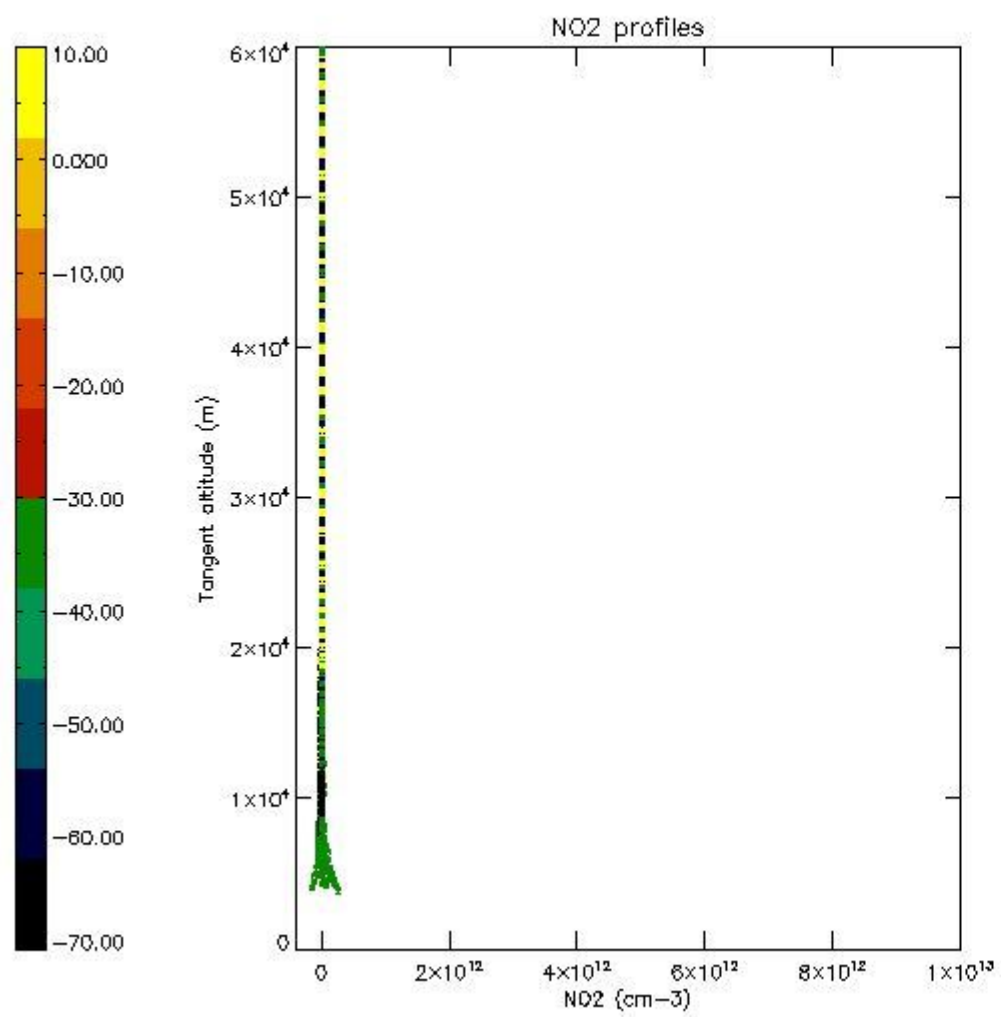
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



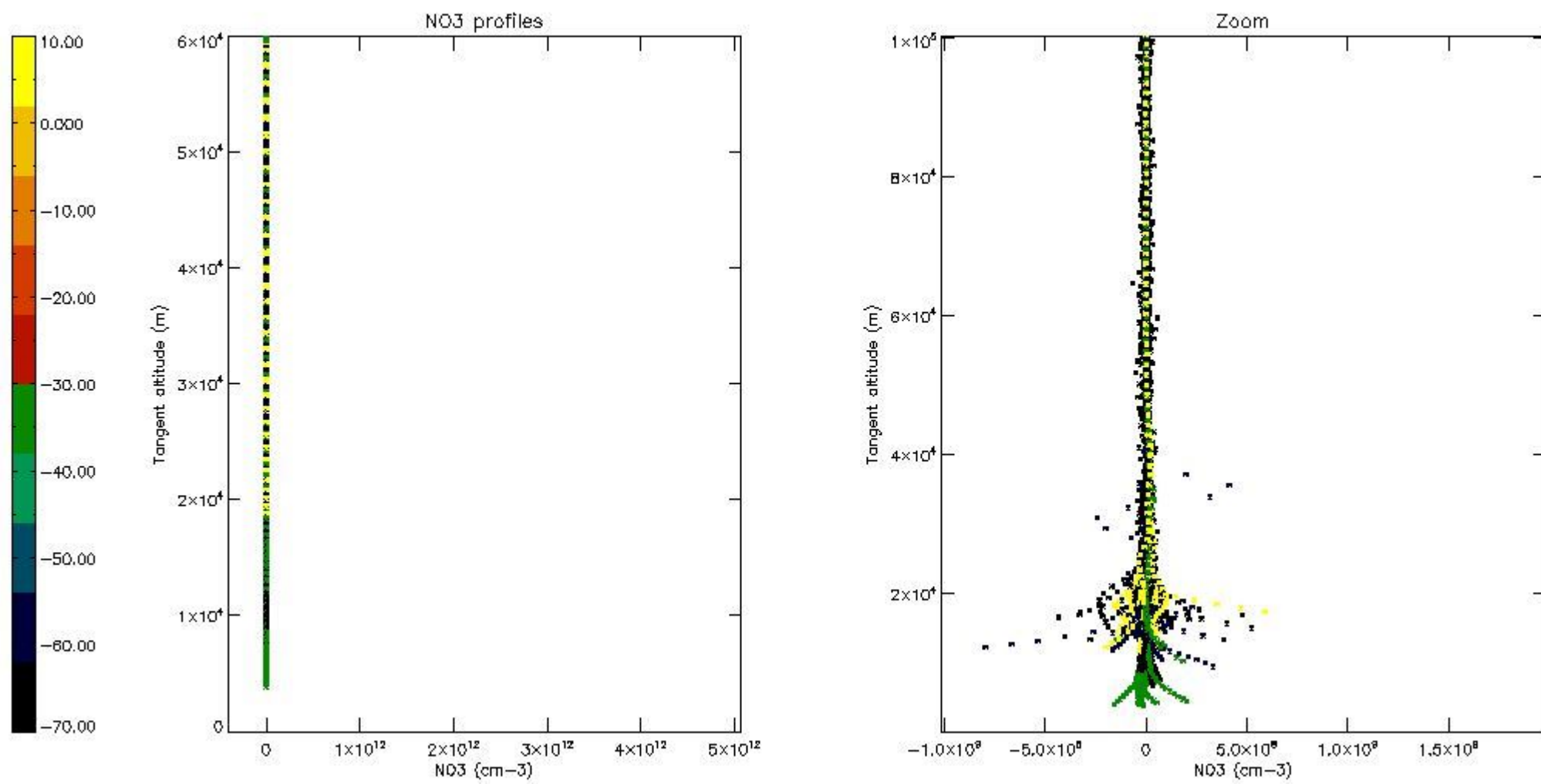
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



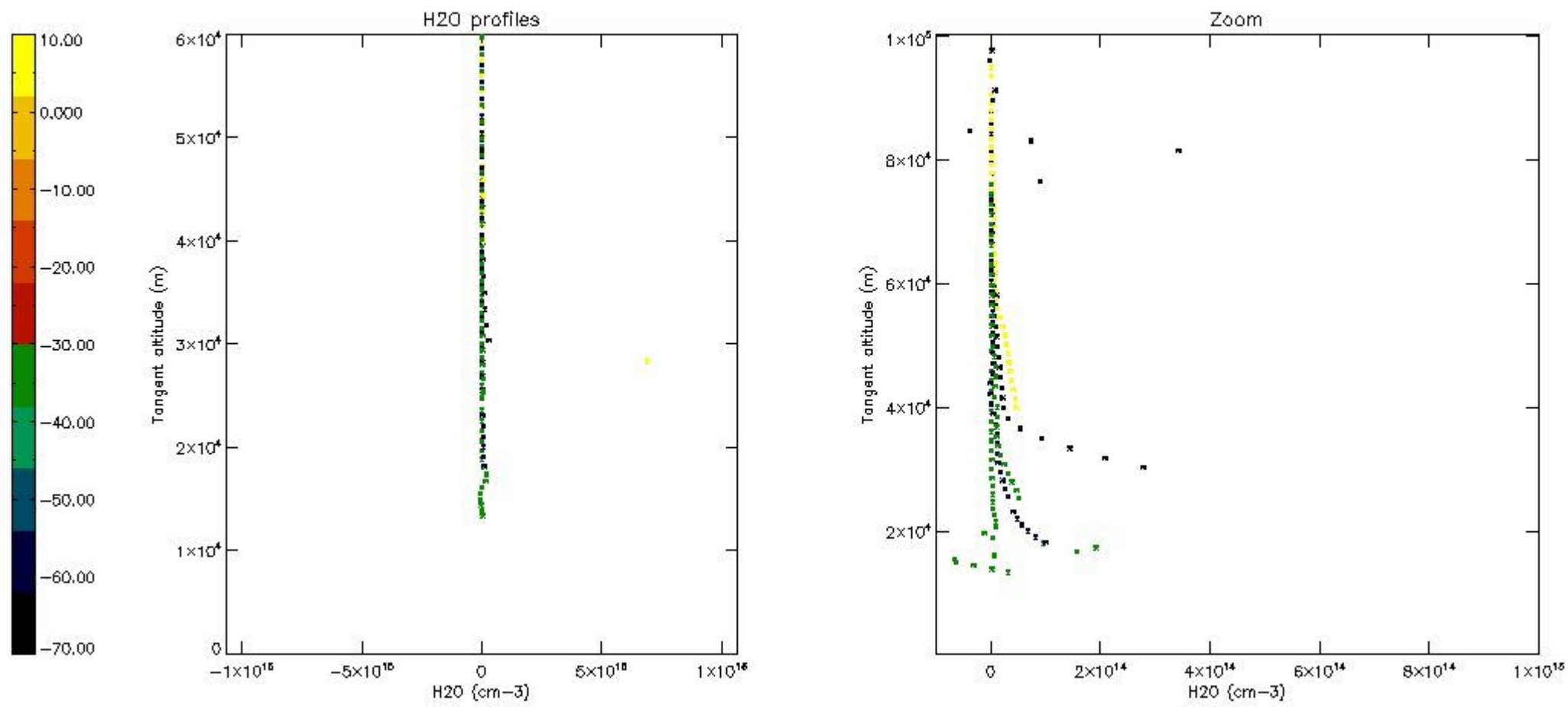
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	16-AUG-2006 00:06:13
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	16-AUG-2006 00:06:13
CROSS_SECTIONS_FILE	GOM_CR2_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	16-AUG-2006 00:06:13

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	24APR2013 03:19:28
Data source version	GOMOS/6.01
Start time of products	16-08-2006 (16AUG2006 00:00:00)
Stop time of products	17-08-2006 (17AUG2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	208
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__2PRFIN20060816_000613_000000362050_00216_23316_0768.N1	16-AUG-2006 00:06:13	Dark	36.000	2	Alp Car	-0.73600	7000.0	72	23316	No
2	GOM_NL__2PRFIN20060816_001640_000000432050_00217_23317_0756.N1	16-AUG-2006 00:16:40	Dark	43.000	9	Alp Eri	0.45300	24000.	86	23317	No
3	GOM_NL__2PRFIN20060816_002226_000000322050_00217_23317_0757.N1	16-AUG-2006 00:22:26	Straylight	32.000	148	Alp Tuc	2.8780	4100.0	64	23317	No
4	GOM_NL__2PRFIN20060816_002559_000000392050_00217_23317_0758.N1	16-AUG-2006 00:25:59	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	23317	No
5	GOM_NL__2PRFIN20060816_002858_000000362050_00217_23317_0759.N1	16-AUG-2006 00:28:58	Straylight	35.500	172	Gam Gru	3.0030	13100.	71	23317	No
6	GOM_NL__2PRFIN20060816_004331_000000302050_00217_23317_0760.N1	16-AUG-2006 00:43:31	Bright	29.500	11	53Alp Aql	0.76500	8000.0	59	23317	No
7	GOM_NL__2PRFIN20060816_005225_000000322050_00217_23317_0761.N1	16-AUG-2006 00:52:25	Bright	31.500	66	37Gam Cyg	2.2080	5900.0	63	23317	No
8	GOM_NL__2PRFIN20060816_005341_000000302050_00217_23317_0762.N1	16-AUG-2006 00:53:41	Bright	29.500	144	18Del Cyg	2.8600	11000.	59	23317	No
9	GOM_NL__2PRFIN20060816_010624_000000302050_00217_23317_0763.N1	16-AUG-2006 01:06:24	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23317	No
10	GOM_NL__2PRFIN20060816_012612_000000452050_00217_23317_0764.N1	16-AUG-2006 01:26:12	Twilight	44.500	151	13Mu Gem	2.8900	3000.0	89	23317	No
11	GOM_NL__2PRFIN20060816_012746_000000372050_00217_23317_0765.N1	16-AUG-2006 01:27:46	Twilight	37.000	44	24Gam Gem	1.9280	11000.	74	23317	No
12	GOM_NL__2PRFIN20060816_013654_000000432050_00217_23317_0766.N1	16-AUG-2006 01:36:54	Dark	42.500	1	9Alp CMa	-1.4400	11000.	85	23317	No
13	GOM_NL__2PRFIN20060816_013832_000000322050_00217_23317_0767.N1	16-AUG-2006 01:38:32	Dark	32.000	179	24Omi2CMa	3.0320	24000.	64	23317	No
14	GOM_NL__2PRFIN20060816_013959_000000362050_00217_23317_0768.N1	16-AUG-2006 01:39:59	Dark	36.000	23	21Eps CMa	1.5020	26000.	72	23317	No
15	GOM_NL__2PRFIN20060816_014649_000000392050_00217_23317_0769.N1	16-AUG-2006 01:46:49	Dark	38.500	2	Alp Car	-0.73600	7000.0	77	23317	No
16	GOM_NL__2PRFIN20060816_015716_000000402050_00218_23318_0757.N1	16-AUG-2006 01:57:16	Dark	40.000	9	Alp Eri	0.45300	24000.	80	23318	No
17	GOM_NL__2PRFIN20060816_020302_000000412050_00218_23318_0758.N1	16-AUG-2006 02:03:02	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	23318	No
18	GOM_NL__2PRFIN20060816_020636_000000352050_00218_23318_0759.N1	16-AUG-2006 02:06:36	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	23318	No
19	GOM_NL__2PRFIN20060816_020935_000000352050_00218_23318_0760.N1	16-AUG-2006 02:09:35	Straylight	35.000	172	Gam Gru	3.0030	13100.	70	23318	No
20	GOM_NL__2PRFIN20060816_022407_000000312050_00218_23318_0761.N1	16-AUG-2006 02:24:07	Bright	30.500	11	53Alp Aql	0.76500	8000.0	61	23318	No
21	GOM_NL__2PRFIN20060816_023300_000000322050_00218_23318_0762.N1	16-AUG-2006 02:33:00	Bright	31.500	66	37Gam Cyg	2.2080	5900.0	63	23318	No
22	GOM_NL__2PRFIN20060816_023417_000000292050_00218_23318_0763.N1	16-AUG-2006 02:34:17	Bright	28.500	144	18Del Cyg	2.8600	11000.	57	23318	No
23	GOM_NL__2PRFIN20060816_024700_000000282050_00218_23318_0764.N1	16-AUG-2006 02:47:00	Bright	27.500	49	1Alp UMi	1.9900	6300.0	55	23318	No
24	GOM_NL__2PRFIN20060816_030648_000000412050_00218_23318_0765.N1	16-AUG-2006 03:06:48	Twilight	41.000	151	13Mu Gem	2.8900	3000.0	82	23318	No
25	GOM_NL__2PRFIN20060816_030823_000000362050_00218_23318_0766.N1	16-AUG-2006 03:08:23	Twilight	35.500	44	24Gam Gem	1.9280	11000.	71	23318	No
26	GOM_NL__2PRFIN20060816_031730_000000382050_00218_23318_0767.N1	16-AUG-2006 03:17:30	Dark	38.000	1	9Alp CMa	-1.4400	11000.	76	23318	No
27	GOM_NL__2PRFIN20060816_031908_000000342050_00218_23318_0768.N1	16-AUG-2006 03:19:08	Dark	33.500	179	24Omi2CMa	3.0320	24000.	67	23318	No
28	GOM_NL__2PRFIN20060816_032035_000000402050_00218_23318_0769.N1	16-AUG-2006 03:20:35	Dark	39.500	23	21Eps CMa	1.5020	26000.	79	23318	No
29	GOM_NL__2PRFIN20060816_032725_000000462050_00218_23318_0770.N1	16-AUG-2006 03:27:25	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	23318	No
30	GOM_NL__2PRFIN20060816_033753_000000382050_00219_23319_0758.N1	16-AUG-2006 03:37:53	Dark	38.000	9	Alp Eri	0.45300	24000.	76	23319	No
31	GOM_NL__2PRFIN20060816_034338_000000342050_00219_23319_0759.N1	16-AUG-2006 03:43:38	Straylight	33.500	148	Alp Tuc	2.8780	4100.0	67	23319	No
32	GOM_NL__2PRFIN20060816_034712_000000362050_00219_23319_0760.N1	16-AUG-2006 03:47:12	Straylight	36.000	31	Alp Gru	1.7340	15200.	72	23319	No
33	GOM_NL__2PRFIN20060816_035011_000000352050_00219_23319_0761.N1	16-AUG-2006 03:50:11	Straylight	35.000	172	Gam Gru	3.0030	13100.	70	23319	No
34	GOM_NL__2PRFIN20060816_040443_000000322050_00219_23319_0762.N1	16-AUG-2006 04:04:43	Bright	32.000	11	53Alp Aql	0.76500	8000.0	64	23319	No
35	GOM_NL__2PRFIN20060816_041336_000000322050_00219_23319_0763.N1	16-AUG-2006 04:13:36	Bright	31.500	66	37Gam Cyg	2.2080	5900.0	63	23319	No
36	GOM_NL__2PRFIN20060816_041453_000000302050_00219_23319_0764.N1	16-AUG-2006 04:14:53	Bright	29.500	144	18Del Cyg	2.8600	11000.	59	23319	No
37	GOM_NL__2PRFIN20060816_042736_000000292050_00219_23319_0765.N1	16-AUG-2006 04:27:36	Bright	29.000	49	1Alp UMi	1.9900	6300.0	58	23319	No
38	GOM_NL__2PRFIN20060816_044724_000000422050_00219_23319_0766.N1	16-AUG-2006 04:47:24	Twilight	41.500	151	13Mu Gem	2.8900	3000.0	83	23319	No
39	GOM_NL__2PRFIN20060816_044859_000000352050_00219_23319_0767.N1	16-AUG-2006 04:48:59	Twilight	34.500	44	24Gam Gem	1.9280	11000.	69	23319	No
40	GOM_NL__2PRFIN20060816_045807_000000422050_00219_23319_0768.N1	16-AUG-2006 04:58:07	Dark	42.000	1	9Alp CMa	-1.4400	11000.	84	23319	No
41	GOM_NL__2PRFIN20060816_045944_000000322050_00219_23319_0769.N1	16-AUG-2006 04:59:44	Dark	31.500	179	24Omi2CMa	3.0320	24000.	63	23319	No
42	GOM_NL__2PRFIN20060816_050112_000000352050_00219_23319_0770.N1	16-AUG-2006 05:01:12	Dark	34.500	23	21Eps CMa	1.5020	26000.	69	23319	No

43	GOM_NL__2PRFIN20060816_050801_000000392050_00219_23319_0771.N1	16-AUG-2006 05:08:01	Dark	39.000	2	Alp Car	-0.73600	7000.0	78	23319	No
44	GOM_NL__2PRFIN20060816_051829_000000372050_00220_23320_0778.N1	16-AUG-2006 05:18:29	Dark	37.000	9	Alp Eri	0.45300	24000.	74	23320	No
45	GOM_NL__2PRFIN20060816_052415_000000342050_00220_23320_0779.N1	16-AUG-2006 05:24:15	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	23320	No
46	GOM_NL__2PRFIN20060816_052748_000000362050_00220_23320_0780.N1	16-AUG-2006 05:27:48	Straylight	35.500	31	Alp Gru	1.7340	15200.	71	23320	No
47	GOM_NL__2PRFIN20060816_053047_000000332050_00220_23320_0781.N1	16-AUG-2006 05:30:47	Straylight	33.000	172	Gam Gru	3.0030	13100.	66	23320	No
48	GOM_NL__2PRFIN20060816_054519_000000312050_00220_23320_0782.N1	16-AUG-2006 05:45:19	Bright	30.500	11	53Alp Aql	0.76500	8000.0	61	23320	No
49	GOM_NL__2PRFIN20060816_055412_000000322050_00220_23320_0783.N1	16-AUG-2006 05:54:12	Bright	31.500	66	37Gam Cyg	2.2080	5900.0	63	23320	No
50	GOM_NL__2PRFIN20060816_055529_000000302050_00220_23320_0784.N1	16-AUG-2006 05:55:29	Bright	29.500	144	18Del Cyg	2.8600	11000.	59	23320	No
51	GOM_NL__2PRFIN20060816_060812_000000302050_00220_23320_0785.N1	16-AUG-2006 06:08:12	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23320	No
52	GOM_NL__2PRFIN20060816_062800_000000492050_00220_23320_0786.N1	16-AUG-2006 06:28:00	Tw_i_and_stray	48.500	151	13Mu Gem	2.8900	3000.0	97	23320	No
53	GOM_NL__2PRFIN20060816_062935_000000342050_00220_23320_0787.N1	16-AUG-2006 06:29:35	Tw_i_and_stray	34.000	44	24Gam Gem	1.9280	11000.	68	23320	No
54	GOM_NL__2PRFIN20060816_063843_000000372050_00220_23320_0788.N1	16-AUG-2006 06:38:43	Dark	37.000	1	9Alp CMa	-1.4400	11000.	74	23320	No
55	GOM_NL__2PRFIN20060816_064020_000000322050_00220_23320_0789.N1	16-AUG-2006 06:40:20	Dark	32.000	179	24Omi2CMa	3.0320	24000.	64	23320	No
56	GOM_NL__2PRFIN20060816_064148_000000352050_00220_23320_0790.N1	16-AUG-2006 06:41:48	Dark	35.000	23	21Eps CMa	1.5020	26000.	70	23320	No
57	GOM_NL__2PRFIN20060816_064838_000000432050_00220_23320_0791.N1	16-AUG-2006 06:48:38	Dark	42.500	2	Alp Car	-0.73600	7000.0	85	23320	No
58	GOM_NL__2PRFIN20060816_065906_000000362050_00221_23321_0778.N1	16-AUG-2006 06:59:06	Dark	36.000	9	Alp Eri	0.45300	24000.	72	23321	No
59	GOM_NL__2PRFIN20060816_070451_000000342050_00221_23321_0779.N1	16-AUG-2006 07:04:51	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	23321	No
60	GOM_NL__2PRFIN20060816_070825_000000392050_00221_23321_0780.N1	16-AUG-2006 07:08:25	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	23321	No
61	GOM_NL__2PRFIN20060816_071123_000000362050_00221_23321_0781.N1	16-AUG-2006 07:11:23	Straylight	35.500	172	Gam Gru	3.0030	13100.	71	23321	No
62	GOM_NL__2PRFIN20060816_072555_000000312050_00221_23321_0782.N1	16-AUG-2006 07:25:55	Bright	31.000	11	53Alp Aql	0.76500	8000.0	62	23321	No
63	GOM_NL__2PRFIN20060816_073448_000000332050_00221_23321_0783.N1	16-AUG-2006 07:34:48	Bright	32.500	66	37Gam Cyg	2.2080	5900.0	65	23321	No
64	GOM_NL__2PRFIN20060816_073605_000000312050_00221_23321_0784.N1	16-AUG-2006 07:36:05	Bright	30.500	144	18Del Cyg	2.8600	11000.	61	23321	No
65	GOM_NL__2PRFIN20060816_074848_000000272050_00221_23321_0785.N1	16-AUG-2006 07:48:48	Bright	27.000	49	1Alp UMi	1.9900	6300.0	54	23321	No
66	GOM_NL__2PRFIN20060816_080836_000000412050_00221_23321_0786.N1	16-AUG-2006 08:08:36	Tw_i_and_stray	40.500	151	13Mu Gem	2.8900	3000.0	81	23321	No
67	GOM_NL__2PRFIN20060816_081011_000000372050_00221_23321_0787.N1	16-AUG-2006 08:10:11	Tw_i_and_stray	36.500	44	24Gam Gem	1.9280	11000.	73	23321	No
68	GOM_NL__2PRFIN20060816_081919_000000392050_00221_23321_0788.N1	16-AUG-2006 08:19:19	Dark	39.000	1	9Alp CMa	-1.4400	11000.	78	23321	No
69	GOM_NL__2PRFIN20060816_082057_000000332050_00221_23321_0789.N1	16-AUG-2006 08:20:57	Dark	32.500	179	24Omi2CMa	3.0320	24000.	65	23321	No
70	GOM_NL__2PRFIN20060816_082224_000000362050_00221_23321_0790.N1	16-AUG-2006 08:22:24	Dark	36.000	23	21Eps CMa	1.5020	26000.	72	23321	No
71	GOM_NL__2PRFIN20060816_082914_000000402050_00221_23321_0791.N1	16-AUG-2006 08:29:14	Dark	39.500	2	Alp Car	-0.73600	7000.0	79	23321	No
72	GOM_NL__2PRFIN20060816_083943_000000402050_00222_23322_0778.N1	16-AUG-2006 08:39:43	Dark	40.000	9	Alp Eri	0.45300	24000.	80	23322	No
73	GOM_NL__2PRFIN20060816_084528_000000342050_00222_23322_0779.N1	16-AUG-2006 08:45:28	Straylight	33.500	148	Alp Tuc	2.8780	4100.0	67	23322	No
74	GOM_NL__2PRFIN20060816_084901_000000382050_00222_23322_0780.N1	16-AUG-2006 08:49:01	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	23322	No
75	GOM_NL__2PRFIN20060816_085200_000000342050_00222_23322_0781.N1	16-AUG-2006 08:52:00	Straylight	34.000	172	Gam Gru	3.0030	13100.	68	23322	No
76	GOM_NL__2PRFIN20060816_090631_000000312050_00222_23322_0782.N1	16-AUG-2006 09:06:31	Bright	31.000	11	53Alp Aql	0.76500	8000.0	62	23322	No
77	GOM_NL__2PRFIN20060816_091524_000000292050_00222_23322_0783.N1	16-AUG-2006 09:15:24	Bright	28.500	66	37Gam Cyg	2.2080	5900.0	57	23322	No
78	GOM_NL__2PRFIN20060816_091641_000000302050_00222_23322_0784.N1	16-AUG-2006 09:16:41	Bright	30.000	144	18Del Cyg	2.8600	11000.	60	23322	No
79	GOM_NL__2PRFIN20060816_092924_000000302050_00222_23322_0785.N1	16-AUG-2006 09:29:24	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23322	No
80	GOM_NL__2PRFIN20060816_094913_000000472050_00222_23322_0786.N1	16-AUG-2006 09:49:13	Tw_i_and_stray	47.000	151	13Mu Gem	2.8900	3000.0	94	23322	No
81	GOM_NL__2PRFIN20060816_095048_000000382050_00222_23322_0787.N1	16-AUG-2006 09:50:48	Tw_i_and_stray	38.000	44	24Gam Gem	1.9280	11000.	76	23322	No
82	GOM_NL__2PRFIN20060816_095955_000000392050_00222_23322_0788.N1	16-AUG-2006 09:59:55	Dark	39.000	1	9Alp CMa	-1.4400	11000.	78	23322	No
83	GOM_NL__2PRFIN20060816_100133_000000322050_00222_23322_0789.N1	16-AUG-2006 10:01:33	Dark	32.000	179	24Omi2CMa	3.0320	24000.	64	23322	No
84	GOM_NL__2PRFIN20060816_100300_000000342050_00222_23322_0790.N1	16-AUG-2006 10:03:00	Dark	34.000	23	21Eps CMa	1.5020	26000.	68	23322	No
85	GOM_NL__2PRFIN20060816_100950_000000422050_00222_23322_0791.N1	16-AUG-2006 10:09:50	Dark	42.000	2	Alp Car	-0.73600	7000.0	84	23322	No
86	GOM_NL__2PRFIN20060816_102019_000000422050_00223_23323_0778.N1	16-AUG-2006 10:20:19	Dark	42.000	9	Alp Eri	0.45300	24000.	84	23323	No
87	GOM_NL__2PRFIN20060816_102603_000000352050_00223_23323_0779.N1	16-AUG-2006 10:26:03	Straylight	35.000	148	Alp Tuc	2.8780	4100.0	70	23323	No
88	GOM_NL__2PRFIN20060816_102937_000000392050_00223_23323_0780.N1	16-AUG-2006 10:29:37	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	23323	No
89	GOM_NL__2PRFIN20060816_103236_000000362050_00223_23323_0781.N1	16-AUG-2006 10:32:36	Straylight	35.500	172	Gam Gru	3.0030	13100.	71	23323	No
90	GOM_NL__2PRFIN20060816_104707_000000322050_00223_23323_0782.N1	16-AUG-2006 10:47:07	Bright	32.000	11	53Alp Aql	0.76500	8000.0	64	23323	No
91	GOM_NL__2PRFIN20060816_105600_000000322050_00223_23323_0783.N1	16-AUG-2006 10:56:00	Bright	32.000	66	37Gam Cyg	2.2080	5900.0	64	23323	No
92	GOM_NL__2PRFIN20060816_105717_000000292050_00223_23323_0784.N1	16-AUG-2006 10:57:17	Bright	29.000	144	18Del Cyg	2.8600	11000.	58	23323	No
93	GOM_NL__2PRFIN20060816_111000_000000302050_00223_23323_0785.N1	16-AUG-2006 11:10:00	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23323	No
94	GOM_NL__2PRFIN20060816_112948_000000442050_00223_23323_0786.N1	16-AUG-2006 11:29:48	Tw_i_and_stray	44.000	151	13Mu Gem	2.8900	3000.0	88	23323	No
95	GOM_NL__2PRFIN20060816_113124_000000382050_00223_23323_0787.N1	16-AUG-2006 11:31:24	Tw_i_and_stray	37.500	44	24Gam Gem	1.9280	11000.	75	23323	No
96	GOM_NL__2PRFIN20060816_114032_000000402050_00223_23323_0788.N1	16-AUG-2006 11:40:32	Dark	39.500	1	9Alp CMa	-1.4400	11000.	79	23323	No
97	GOM_NL__2PRFIN20060816_114209_000000332050_00223_23323_0789.N1	16-AUG-2006 11:42:09	Dark	33.000	179	24Omi2CMa	3.0320	24000.	66	23323	No
98	GOM_NL__2PRFIN20060816_114336_000000342050_00223_23323_0790.N1	16-AUG-2006 11:43:36	Dark	33.500	23	21Eps CMa	1.5020	26000.	67	23323	No
99	GOM_NL__2PRFIN20060816_115026_000000462050_00223_23323_0791.N1	16-AUG-2006 11:50:26	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	23323	No
100	GOM_NL__2PRFIN20060816_120056_000000372050_00224_23324_0778.N1	16-AUG-2006 12:00:56	Dark	36.500	9	Alp Eri	0.45300	24000.	73	23324	No
101	GOM_NL__2PRFIN20060816_120640_000000332050_00224_23324_0779.N1	16-AUG-2006 12:06:40	Straylight	33.000	148	Alp Tuc	2.8780	4100.0	66	23324	No

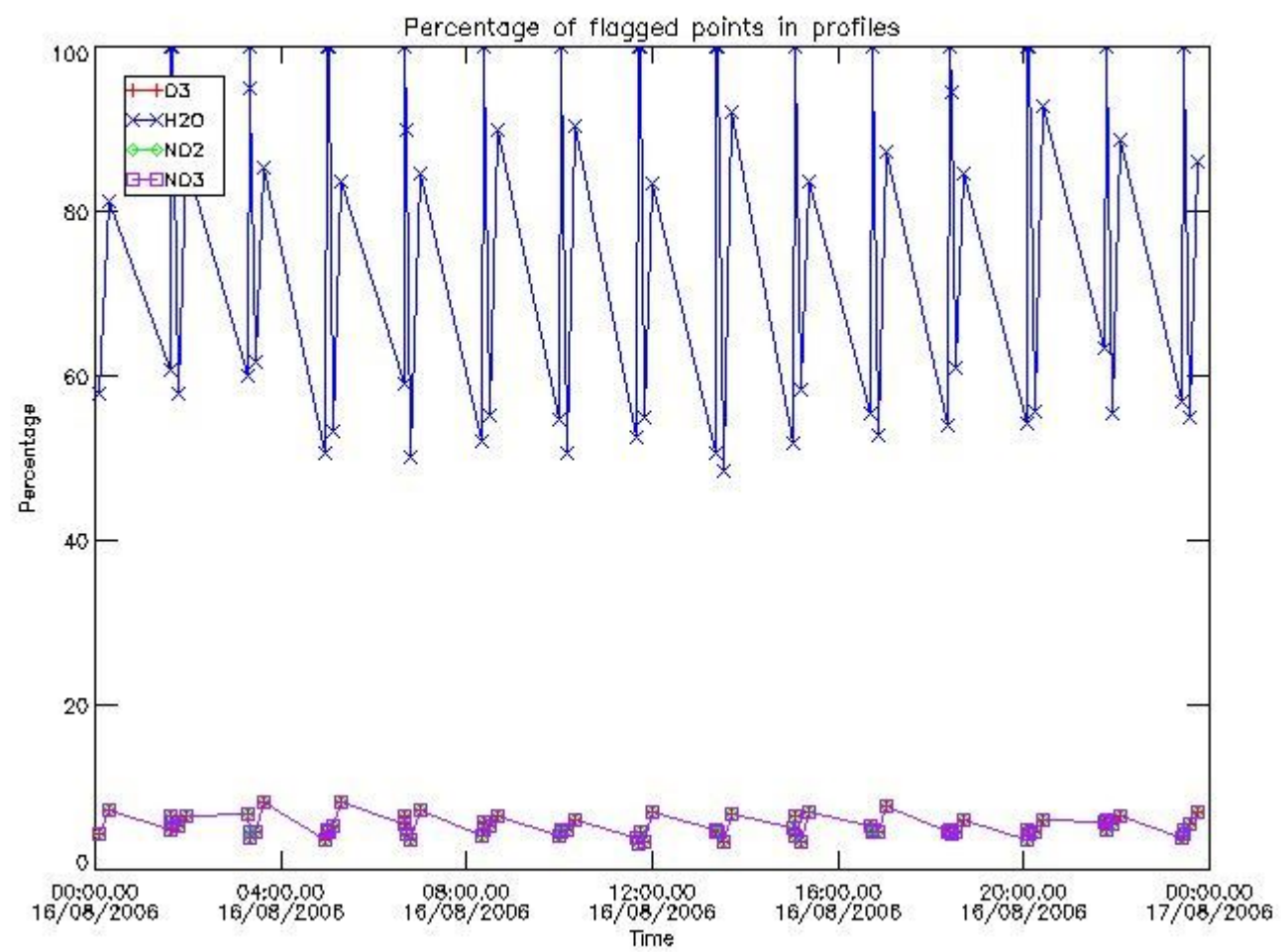
102	GOM_NL__2PRFIN20060816_121013_000000392050_00224_23324_0780.N1	16-AUG-2006 12:10:13	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	23324	No
103	GOM_NL__2PRFIN20060816_121312_000000342050_00224_23324_0781.N1	16-AUG-2006 12:13:12	Straylight	33.500	172	Gam Gru	3.0030	13100.	67	23324	No
104	GOM_NL__2PRFIN20060816_122743_000000322050_00224_23324_0782.N1	16-AUG-2006 12:27:43	Bright	32.000	11	53Alp Aql	0.76500	8000.0	64	23324	No
105	GOM_NL__2PRFIN20060816_123500_000000302050_00224_23324_0783.N1	16-AUG-2006 12:35:00	Bright	30.000	92	53Eps Cyg	2.5000	4500.0	60	23324	No
106	GOM_NL__2PRFIN20060816_123635_000000322050_00224_23324_0784.N1	16-AUG-2006 12:36:35	Bright	32.000	66	37Gam Cyg	2.2080	5900.0	64	23324	No
107	GOM_NL__2PRFIN20060816_123752_000000462050_00224_23324_0785.N1	16-AUG-2006 12:37:52	Bright	46.000	144	18Del Cyg	2.8600	11000.	92	23324	No
108	GOM_NL__2PRFIN20060816_125036_000000302050_00224_23324_0786.N1	16-AUG-2006 12:50:36	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23324	No
109	GOM_NL__2PRFIN20060816_131024_000000402050_00224_23324_0787.N1	16-AUG-2006 13:10:24	Twilight_stray	39.500	151	13Mu Gem	2.8900	3000.0	79	23324	No
110	GOM_NL__2PRFIN20060816_131200_000000372050_00224_23324_0788.N1	16-AUG-2006 13:12:00	Twilight_stray	37.000	44	24Gam Gem	1.9280	11000.	74	23324	No
111	GOM_NL__2PRFIN20060816_132108_000000432050_00224_23324_0789.N1	16-AUG-2006 13:21:08	Dark	43.000	1	9Alp CMa	-1.4400	11000.	86	23324	No
112	GOM_NL__2PRFIN20060816_132245_000000342050_00224_23324_0790.N1	16-AUG-2006 13:22:45	Dark	33.500	179	24Omi2CMa	3.0320	24000.	67	23324	No
113	GOM_NL__2PRFIN20060816_132413_000000342050_00224_23324_0791.N1	16-AUG-2006 13:24:13	Dark	34.000	23	21Eps CMa	1.5020	26000.	68	23324	No
114	GOM_NL__2PRFIN20060816_133102_000000462050_00224_23324_0792.N1	16-AUG-2006 13:31:02	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	23324	No
115	GOM_NL__2PRFIN20060816_134133_000000382050_00225_23325_0778.N1	16-AUG-2006 13:41:33	Dark	38.000	9	Alp Eri	0.45300	24000.	76	23325	No
116	GOM_NL__2PRFIN20060816_134716_000000342050_00225_23325_0779.N1	16-AUG-2006 13:47:16	Straylight	33.500	148	Alp Tuc	2.8780	4100.0	67	23325	No
117	GOM_NL__2PRFIN20060816_135050_000000382050_00225_23325_0780.N1	16-AUG-2006 13:50:50	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	23325	No
118	GOM_NL__2PRFIN20060816_135348_000000362050_00225_23325_0781.N1	16-AUG-2006 13:53:48	Straylight	35.500	172	Gam Gru	3.0030	13100.	71	23325	No
119	GOM_NL__2PRFIN20060816_140819_000000292050_00225_23325_0782.N1	16-AUG-2006 14:08:19	Bright	29.000	11	53Alp Aql	0.76500	8000.0	58	23325	No
120	GOM_NL__2PRFIN20060816_141536_000000332050_00225_23325_0783.N1	16-AUG-2006 14:15:36	Bright	33.000	92	53Eps Cyg	2.5000	4500.0	66	23325	No
121	GOM_NL__2PRFIN20060816_141711_000000332050_00225_23325_0784.N1	16-AUG-2006 14:17:11	Bright	32.500	66	37Gam Cyg	2.2080	5900.0	65	23325	No
122	GOM_NL__2PRFIN20060816_141829_000000292050_00225_23325_0785.N1	16-AUG-2006 14:18:29	Bright	28.500	144	18Del Cyg	2.8600	11000.	57	23325	No
123	GOM_NL__2PRFIN20060816_143112_000000292050_00225_23325_0786.N1	16-AUG-2006 14:31:12	Bright	28.500	49	1Alp UMi	1.9900	6300.0	57	23325	No
124	GOM_NL__2PRFIN20060816_145101_000000422050_00225_23325_0787.N1	16-AUG-2006 14:51:01	Twilight_stray	42.000	151	13Mu Gem	2.8900	3000.0	84	23325	No
125	GOM_NL__2PRFIN20060816_145236_000000382050_00225_23325_0788.N1	16-AUG-2006 14:52:36	Twilight_stray	37.500	44	24Gam Gem	1.9280	11000.	75	23325	No
126	GOM_NL__2PRFIN20060816_150144_000000412050_00225_23325_0789.N1	16-AUG-2006 15:01:44	Dark	41.000	1	9Alp CMa	-1.4400	11000.	82	23325	No
127	GOM_NL__2PRFIN20060816_150321_000000322050_00225_23325_0790.N1	16-AUG-2006 15:03:21	Dark	32.000	179	24Omi2CMa	3.0320	24000.	64	23325	No
128	GOM_NL__2PRFIN20060816_150449_000000382050_00225_23325_0791.N1	16-AUG-2006 15:04:49	Dark	38.000	23	21Eps CMa	1.5020	26000.	76	23325	No
129	GOM_NL__2PRFIN20060816_151139_000000462050_00225_23325_0792.N1	16-AUG-2006 15:11:39	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	23325	No
130	GOM_NL__2PRFIN20060816_152209_000000372050_00226_23326_0778.N1	16-AUG-2006 15:22:09	Dark	37.000	9	Alp Eri	0.45300	24000.	74	23326	No
131	GOM_NL__2PRFIN20060816_152752_000000342050_00226_23326_0779.N1	16-AUG-2006 15:27:52	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	23326	No
132	GOM_NL__2PRFIN20060816_153126_000000342050_00226_23326_0780.N1	16-AUG-2006 15:31:26	Straylight	33.500	31	Alp Gru	1.7340	15200.	67	23326	No
133	GOM_NL__2PRFIN20060816_153424_000000352050_00226_23326_0781.N1	16-AUG-2006 15:34:24	Straylight	34.500	172	Gam Gru	3.0030	13100.	69	23326	No
134	GOM_NL__2PRFIN20060816_154855_000000292050_00226_23326_0782.N1	16-AUG-2006 15:48:55	Bright	29.000	11	53Alp Aql	0.76500	8000.0	58	23326	No
135	GOM_NL__2PRFIN20060816_155612_000000342050_00226_23326_0783.N1	16-AUG-2006 15:56:12	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	23326	No
136	GOM_NL__2PRFIN20060816_155747_000000322050_00226_23326_0784.N1	16-AUG-2006 15:57:47	Bright	31.500	66	37Gam Cyg	2.2080	5900.0	63	23326	No
137	GOM_NL__2PRFIN20060816_155904_000000312050_00226_23326_0785.N1	16-AUG-2006 15:59:04	Bright	31.000	144	18Del Cyg	2.8600	11000.	62	23326	No
138	GOM_NL__2PRFIN20060816_161147_000000302050_00226_23326_0786.N1	16-AUG-2006 16:11:47	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23326	No
139	GOM_NL__2PRFIN20060816_163137_000000442050_00226_23326_0787.N1	16-AUG-2006 16:31:37	Twilight_stray	43.500	151	13Mu Gem	2.8900	3000.0	87	23326	No
140	GOM_NL__2PRFIN20060816_163312_000000382050_00226_23326_0788.N1	16-AUG-2006 16:33:12	Twilight_stray	37.500	44	24Gam Gem	1.9280	11000.	75	23326	No
141	GOM_NL__2PRFIN20060816_164220_000000392050_00226_23326_0789.N1	16-AUG-2006 16:42:20	Dark	38.500	1	9Alp CMa	-1.4400	11000.	77	23326	No
142	GOM_NL__2PRFIN20060816_164357_000000332050_00226_23326_0790.N1	16-AUG-2006 16:43:57	Dark	32.500	179	24Omi2CMa	3.0320	24000.	65	23326	No
143	GOM_NL__2PRFIN20060816_164525_000000342050_00226_23326_0791.N1	16-AUG-2006 16:45:25	Dark	34.000	23	21Eps CMa	1.5020	26000.	68	23326	No
144	GOM_NL__2PRFIN20060816_165215_000000462050_00226_23326_0792.N1	16-AUG-2006 16:52:15	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	23326	No
145	GOM_NL__2PRFIN20060816_170246_000000402050_00227_23327_0778.N1	16-AUG-2006 17:02:46	Dark	39.500	9	Alp Eri	0.45300	24000.	79	23327	No
146	GOM_NL__2PRFIN20060816_170829_000000342050_00227_23327_0779.N1	16-AUG-2006 17:08:29	Straylight	33.500	148	Alp Tuc	2.8780	4100.0	67	23327	No
147	GOM_NL__2PRFIN20060816_171202_000000352050_00227_23327_0780.N1	16-AUG-2006 17:12:02	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	23327	No
148	GOM_NL__2PRFIN20060816_171501_000000342050_00227_23327_0781.N1	16-AUG-2006 17:15:01	Straylight	34.000	172	Gam Gru	3.0030	13100.	68	23327	No
149	GOM_NL__2PRFIN20060816_172931_000000312050_00227_23327_0782.N1	16-AUG-2006 17:29:31	Bright	30.500	11	53Alp Aql	0.76500	8000.0	61	23327	No
150	GOM_NL__2PRFIN20060816_173647_000000342050_00227_23327_0783.N1	16-AUG-2006 17:36:47	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	23327	No
151	GOM_NL__2PRFIN20060816_173823_000000302050_00227_23327_0784.N1	16-AUG-2006 17:38:23	Bright	29.500	66	37Gam Cyg	2.2080	5900.0	59	23327	No
152	GOM_NL__2PRFIN20060816_173941_000000302050_00227_23327_0785.N1	16-AUG-2006 17:39:41	Bright	29.500	144	18Del Cyg	2.8600	11000.	59	23327	No
153	GOM_NL__2PRFIN20060816_175223_000000302050_00227_23327_0786.N1	16-AUG-2006 17:52:23	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23327	No
154	GOM_NL__2PRFIN20060816_181213_000000382050_00227_23327_0787.N1	16-AUG-2006 18:12:13	Twilight_stray	37.500	151	13Mu Gem	2.8900	3000.0	75	23327	No
155	GOM_NL__2PRFIN20060816_181349_000000362050_00227_23327_0788.N1	16-AUG-2006 18:13:49	Twilight_stray	36.000	44	24Gam Gem	1.9280	11000.	72	23327	No
156	GOM_NL__2PRFIN20060816_182257_000000442050_00227_23327_0789.N1	16-AUG-2006 18:22:57	Dark	44.000	1	9Alp CMa	-1.4400	11000.	88	23327	No
157	GOM_NL__2PRFIN20060816_182434_000000332050_00227_23327_0790.N1	16-AUG-2006 18:24:34	Dark	32.500	179	24Omi2CMa	3.0320	24000.	65	23327	No
158	GOM_NL__2PRFIN20060816_182601_000000372050_00227_23327_0791.N1	16-AUG-2006 18:26:01	Dark	36.500	23	21Eps CMa	1.5020	26000.	73	23327	No
159	GOM_NL__2PRFIN20060816_183251_000000442050_00227_23327_0792.N1	16-AUG-2006 18:32:51	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	23327	No
160	GOM_NL__2PRFIN20060816_184322_000000432050_00228_23328_0778.N1	16-AUG-2006 18:43:22	Dark	42.500	9	Alp Eri	0.45300	24000.	85	23328	No

161	GOM_NL__2PRFIN20060816_184905_000000322050_00228_23328_0779.N1	16-AUG-2006 18:49:05	Straylight	32.000	148	Alp Tuc	2.8780	4100.0	64	23328	No
162	GOM_NL__2PRFIN20060816_185239_000000332050_00228_23328_0780.N1	16-AUG-2006 18:52:39	Straylight	33.000	31	Alp Gru	1.7340	15200.	66	23328	No
163	GOM_NL__2PRFIN20060816_185537_000000362050_00228_23328_0781.N1	16-AUG-2006 18:55:37	Straylight	35.500	172	Gam Gru	3.0030	13100.	71	23328	No
164	GOM_NL__2PRFIN20060816_191007_000000312050_00228_23328_0782.N1	16-AUG-2006 19:10:07	Bright	31.000	11	53Alp Aql	0.76500	8000.0	62	23328	No
165	GOM_NL__2PRFIN20060816_191723_000000322050_00228_23328_0783.N1	16-AUG-2006 19:17:23	Bright	31.500	92	53Eps Cyg	2.5000	4500.0	63	23328	No
166	GOM_NL__2PRFIN20060816_191859_000000322050_00228_23328_0784.N1	16-AUG-2006 19:18:59	Bright	31.500	66	37Gam Cyg	2.2080	5900.0	63	23328	No
167	GOM_NL__2PRFIN20060816_192017_000000292050_00228_23328_0785.N1	16-AUG-2006 19:20:17	Bright	28.500	144	18Del Cyg	2.8600	11000.	57	23328	No
168	GOM_NL__2PRFIN20060816_193300_000000302050_00228_23328_0786.N1	16-AUG-2006 19:33:00	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23328	No
169	GOM_NL__2PRFIN20060816_195249_000000492050_00228_23328_0787.N1	16-AUG-2006 19:52:49	Tw_i_and_stray	48.500	151	13Mu Gem	2.8900	3000.0	97	23328	No
170	GOM_NL__2PRFIN20060816_195425_000000362050_00228_23328_0788.N1	16-AUG-2006 19:54:25	Tw_i_and_stray	35.500	44	24Gam Gem	1.9280	11000.	71	23328	No
171	GOM_NL__2PRFIN20060816_200333_000000422050_00228_23328_0789.N1	16-AUG-2006 20:03:33	Dark	42.000	1	9Alp CMa	-1.4400	11000.	84	23328	No
172	GOM_NL__2PRFIN20060816_200510_000000332050_00228_23328_0790.N1	16-AUG-2006 20:05:10	Dark	32.500	179	24Omi2CMa	3.0320	24000.	65	23328	No
173	GOM_NL__2PRFIN20060816_200637_000000352050_00228_23328_0791.N1	16-AUG-2006 20:06:37	Dark	35.000	23	21Eps CMa	1.5020	26000.	70	23328	No
174	GOM_NL__2PRFIN20060816_201327_000000462050_00228_23328_0792.N1	16-AUG-2006 20:13:27	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	23328	No
175	GOM_NL__2PRFIN20060816_202359_000000422050_00229_23329_0778.N1	16-AUG-2006 20:23:59	Dark	42.000	9	Alp Eri	0.45300	24000.	84	23329	No
176	GOM_NL__2PRFIN20060816_202941_000000342050_00229_23329_0779.N1	16-AUG-2006 20:29:41	Straylight	33.500	148	Alp Tuc	2.8780	4100.0	67	23329	No
177	GOM_NL__2PRFIN20060816_203315_000000352050_00229_23329_0780.N1	16-AUG-2006 20:33:15	Straylight	35.000	31	Alp Gru	1.7340	15200.	70	23329	No
178	GOM_NL__2PRFIN20060816_203613_000000352050_00229_23329_0781.N1	16-AUG-2006 20:36:13	Straylight	34.500	172	Gam Gru	3.0030	13100.	69	23329	No
179	GOM_NL__2PRFIN20060816_205043_000000302050_00229_23329_0782.N1	16-AUG-2006 20:50:43	Bright	30.000	11	53Alp Aql	0.76500	8000.0	60	23329	No
180	GOM_NL__2PRFIN20060816_205759_000000312050_00229_23329_0783.N1	16-AUG-2006 20:57:59	Bright	31.000	92	53Eps Cyg	2.5000	4500.0	62	23329	No
181	GOM_NL__2PRFIN20060816_205935_000000302050_00229_23329_0784.N1	16-AUG-2006 20:59:35	Bright	30.000	66	37Gam Cyg	2.2080	5900.0	60	23329	No
182	GOM_NL__2PRFIN20060816_210052_000000292050_00229_23329_0785.N1	16-AUG-2006 21:00:52	Bright	28.500	144	18Del Cyg	2.8600	11000.	57	23329	No
183	GOM_NL__2PRFIN20060816_211335_000000302050_00229_23329_0786.N1	16-AUG-2006 21:13:35	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23329	No
184	GOM_NL__2PRFIN20060816_213325_000000402050_00229_23329_0787.N1	16-AUG-2006 21:33:25	Tw_i_and_stray	39.500	151	13Mu Gem	2.8900	3000.0	79	23329	No
185	GOM_NL__2PRFIN20060816_213501_000000362050_00229_23329_0788.N1	16-AUG-2006 21:35:01	Tw_i_and_stray	36.000	44	24Gam Gem	1.9280	11000.	72	23329	No
186	GOM_NL__2PRFIN20060816_214409_000000362050_00229_23329_0789.N1	16-AUG-2006 21:44:09	Dark	36.000	1	9Alp CMa	-1.4400	11000.	72	23329	No
187	GOM_NL__2PRFIN20060816_214546_000000332050_00229_23329_0790.N1	16-AUG-2006 21:45:46	Dark	32.500	179	24Omi2CMa	3.0320	24000.	65	23329	No
188	GOM_NL__2PRFIN20060816_214714_000000352050_00229_23329_0791.N1	16-AUG-2006 21:47:14	Dark	34.500	23	21Eps CMa	1.5020	26000.	69	23329	No
189	GOM_NL__2PRFIN20060816_215403_000000382050_00229_23329_0792.N1	16-AUG-2006 21:54:03	Dark	37.500	2	Alp Car	-0.73600	7000.0	75	23329	No
190	GOM_NL__2PRFIN20060816_220436_000000402050_00230_23330_0798.N1	16-AUG-2006 22:04:36	Dark	40.000	9	Alp Eri	0.45300	24000.	80	23330	No
191	GOM_NL__2PRFIN20060816_221017_000000422050_00230_23330_0799.N1	16-AUG-2006 22:10:17	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	23330	No
192	GOM_NL__2PRFIN20060816_221351_000000352050_00230_23330_0800.N1	16-AUG-2006 22:13:51	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	23330	No
193	GOM_NL__2PRFIN20060816_221649_000000342050_00230_23330_0801.N1	16-AUG-2006 22:16:49	Straylight	34.000	172	Gam Gru	3.0030	13100.	68	23330	No
194	GOM_NL__2PRFIN20060816_223119_000000302050_00230_23330_0802.N1	16-AUG-2006 22:31:19	Bright	30.000	11	53Alp Aql	0.76500	8000.0	60	23330	No
195	GOM_NL__2PRFIN20060816_223835_000000312050_00230_23330_0803.N1	16-AUG-2006 22:38:35	Bright	30.500	92	53Eps Cyg	2.5000	4500.0	61	23330	No
196	GOM_NL__2PRFIN20060816_224010_000000302050_00230_23330_0804.N1	16-AUG-2006 22:40:10	Bright	30.000	66	37Gam Cyg	2.2080	5900.0	60	23330	No
197	GOM_NL__2PRFIN20060816_224129_000000292050_00230_23330_0805.N1	16-AUG-2006 22:41:29	Bright	28.500	144	18Del Cyg	2.8600	11000.	57	23330	No
198	GOM_NL__2PRFIN20060816_225411_000000302050_00230_23330_0806.N1	16-AUG-2006 22:54:11	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23330	No
199	GOM_NL__2PRFIN20060816_231401_000000432050_00230_23330_0807.N1	16-AUG-2006 23:14:01	Tw_i_and_stray	42.500	151	13Mu Gem	2.8900	3000.0	85	23330	No
200	GOM_NL__2PRFIN20060816_231537_000000362050_00230_23330_0808.N1	16-AUG-2006 23:15:37	Tw_i_and_stray	35.500	44	24Gam Gem	1.9280	11000.	71	23330	No
201	GOM_NL__2PRFIN20060816_232445_000000412050_00230_23330_0809.N1	16-AUG-2006 23:24:45	Dark	41.000	1	9Alp CMa	-1.4400	11000.	82	23330	No
202	GOM_NL__2PRFIN20060816_232622_000000322050_00230_23330_0810.N1	16-AUG-2006 23:26:22	Dark	32.000	179	24Omi2CMa	3.0320	24000.	64	23330	No
203	GOM_NL__2PRFIN20060816_232750_000000362050_00230_23330_0811.N1	16-AUG-2006 23:27:50	Dark	36.000	23	21Eps CMa	1.5020	26000.	72	23330	No
204	GOM_NL__2PRFIN20060816_233439_000000372050_00230_23330_0812.N1	16-AUG-2006 23:34:39	Dark	37.000	2	Alp Car	-0.73600	7000.0	74	23330	No
205	GOM_NL__2PRFIN20060816_234512_000000372050_00231_23331_0798.N1	16-AUG-2006 23:45:12	Dark	36.500	9	Alp Eri	0.45300	24000.	73	23331	No
206	GOM_NL__2PRFIN20060816_235053_000000412050_00231_23331_0799.N1	16-AUG-2006 23:50:53	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	23331	No
207	GOM_NL__2PRFIN20060816_235427_000000342050_00231_23331_0800.N1	16-AUG-2006 23:54:27	Straylight	33.500	31	Alp Gru	1.7340	15200.	67	23331	No
208	GOM_NL__2PRFIN20060816_235726_000000352050_00231_23331_0801.N1	16-AUG-2006 23:57:26	Straylight	34.500	172	Gam Gru	3.0030	13100.	69	23331	No

3. Quality information per product

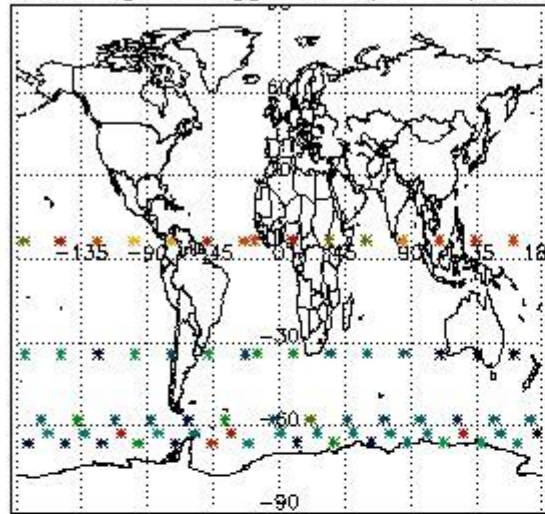
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

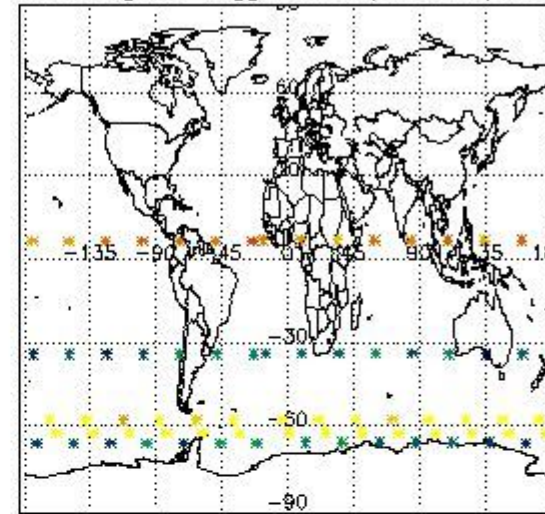


3.2 Plot quality information per product (world map)

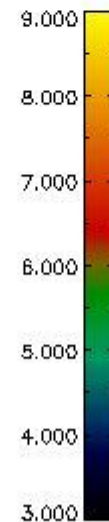
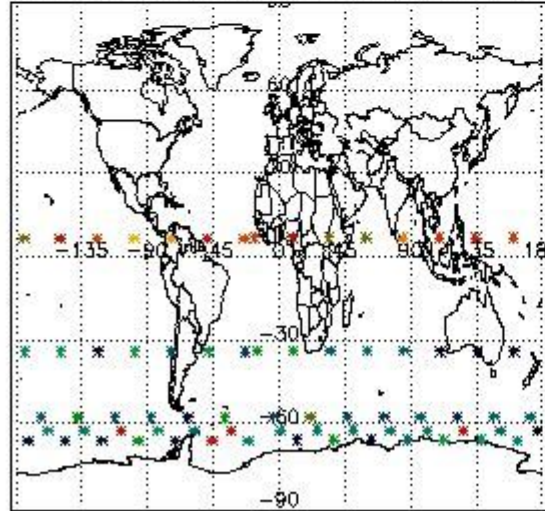
Percentage of flagged data per O3 profile



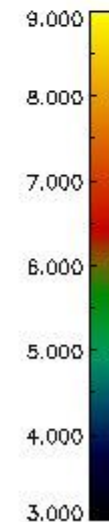
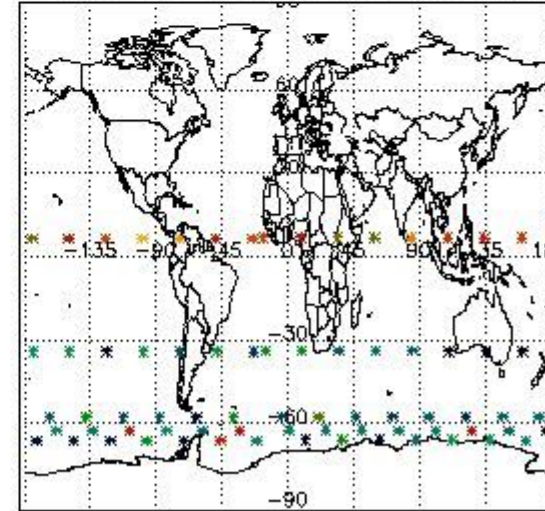
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

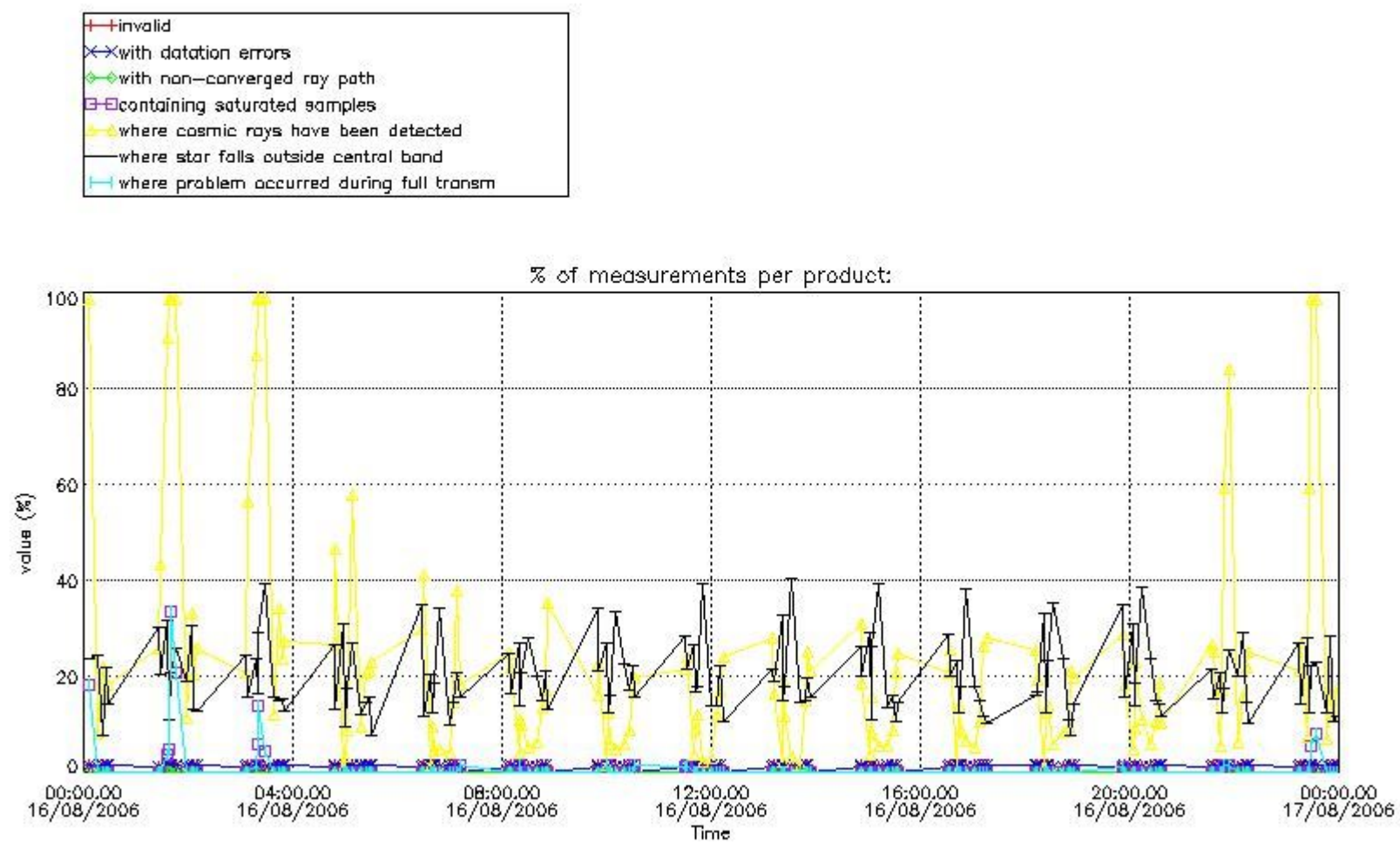


4. Level 1 quality information per product

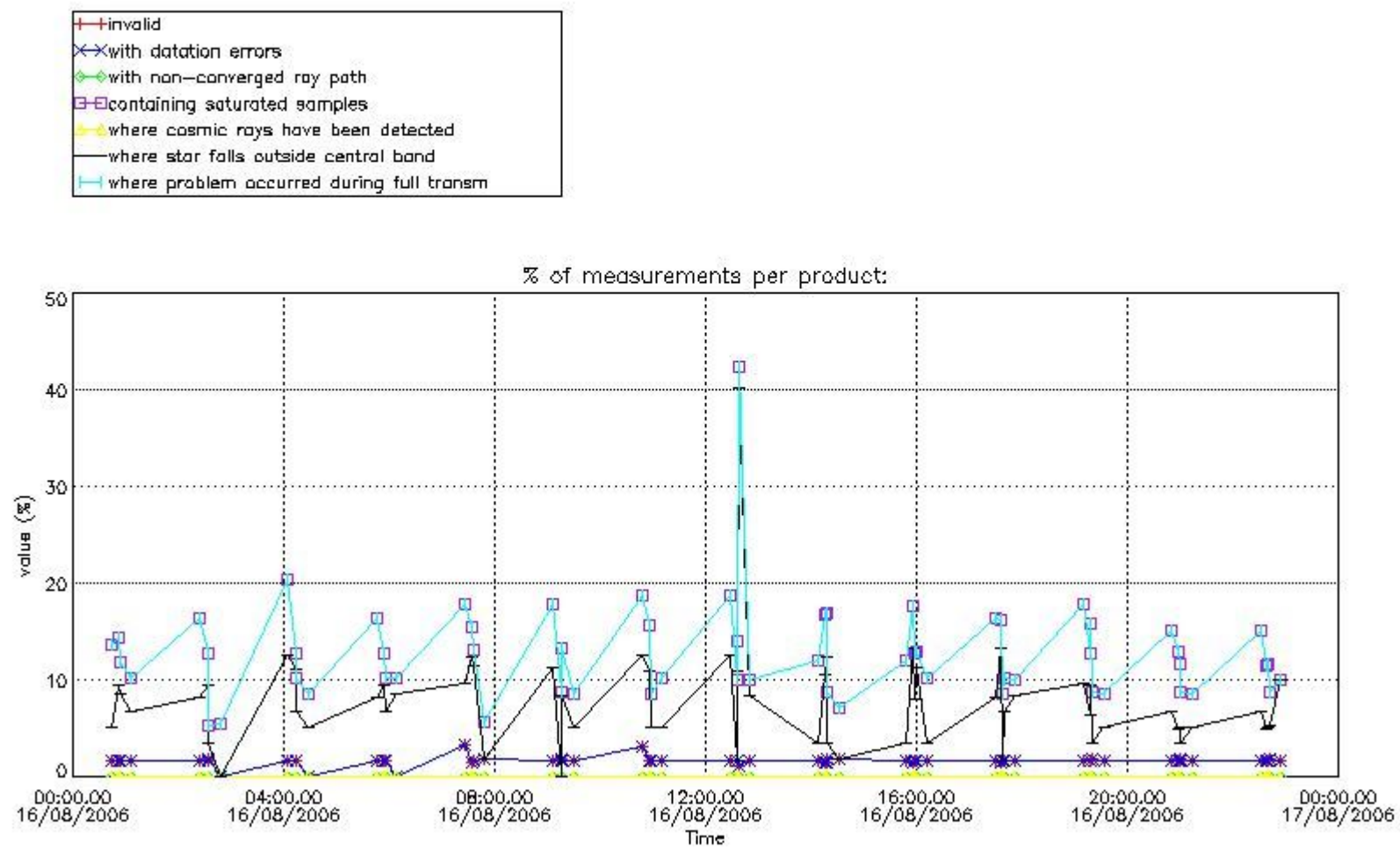
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



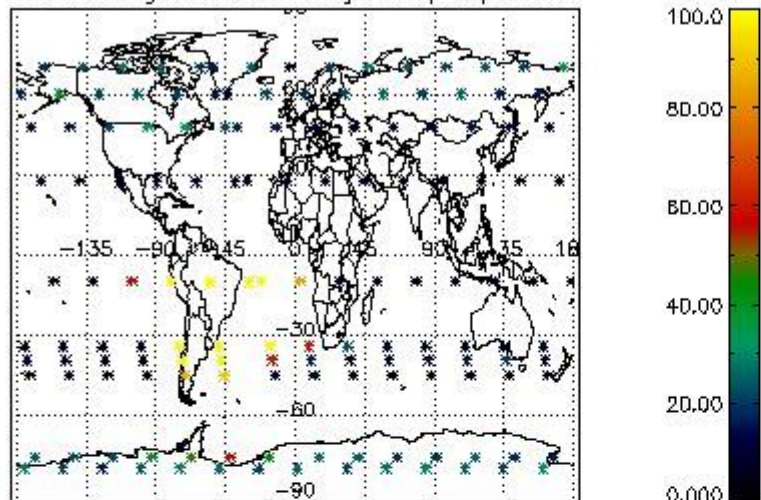
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



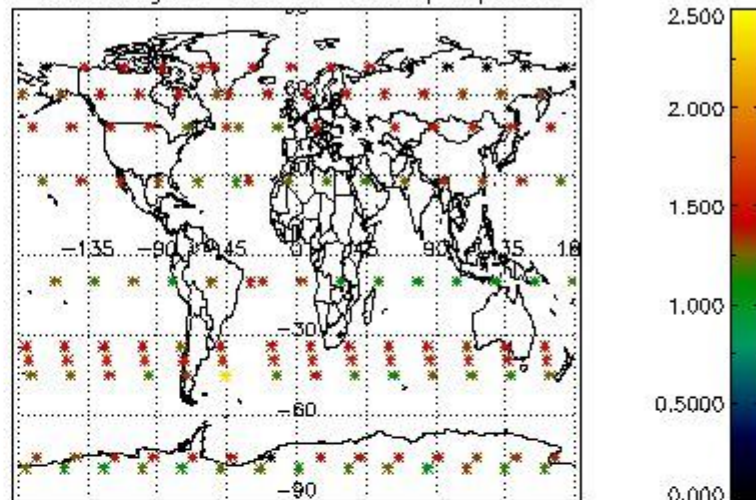
4.2 Plot quality information per product coming from level 1b processing (world map)

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

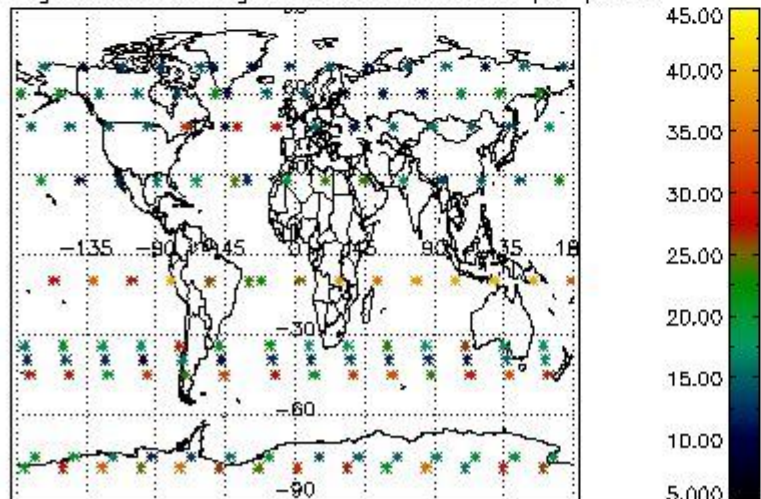
Percentage of cosmic ray hits per profile



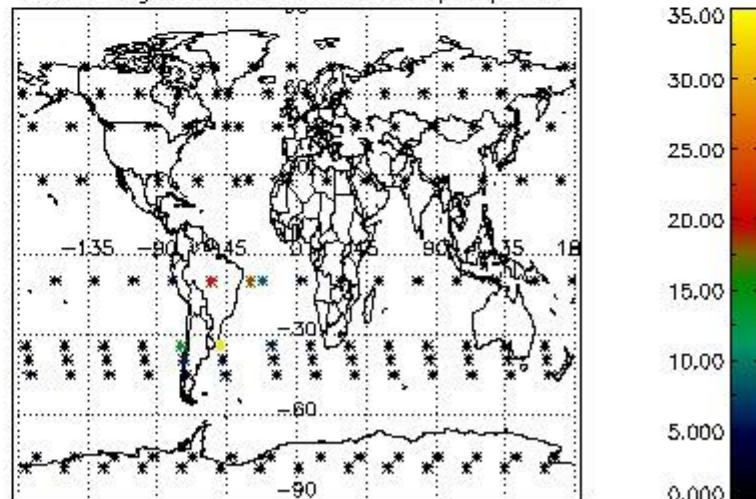
Percentage of datation errors per profile



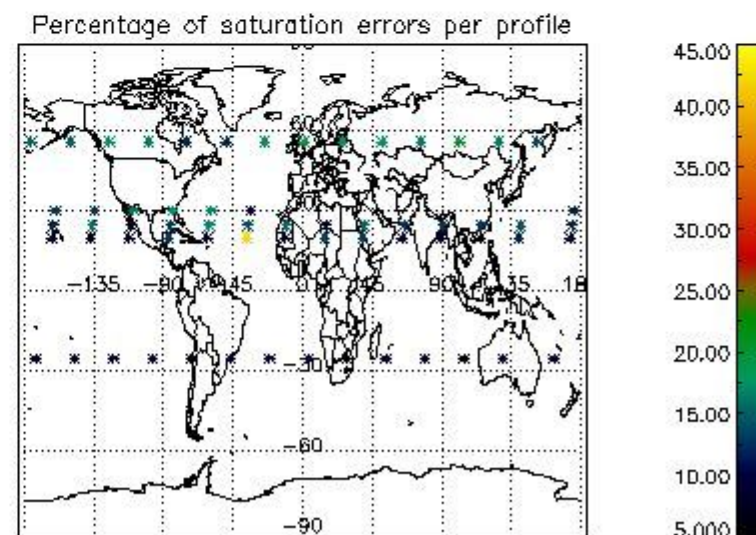
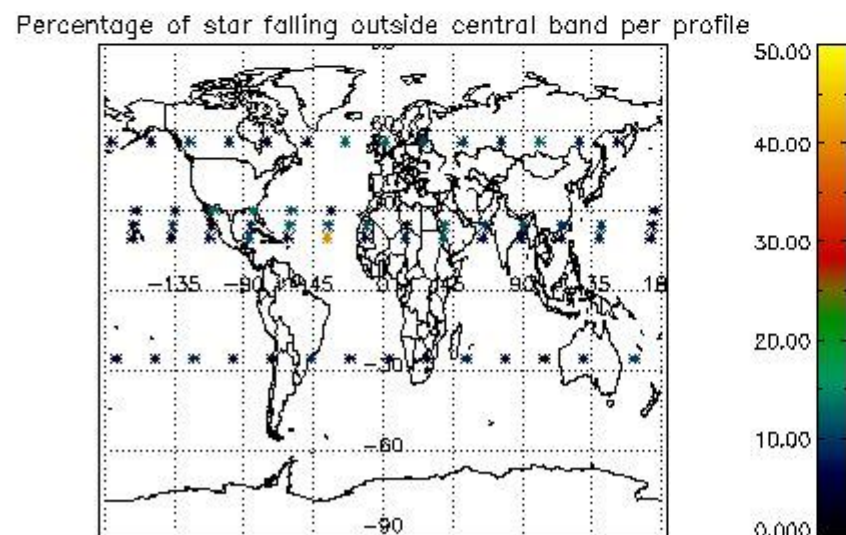
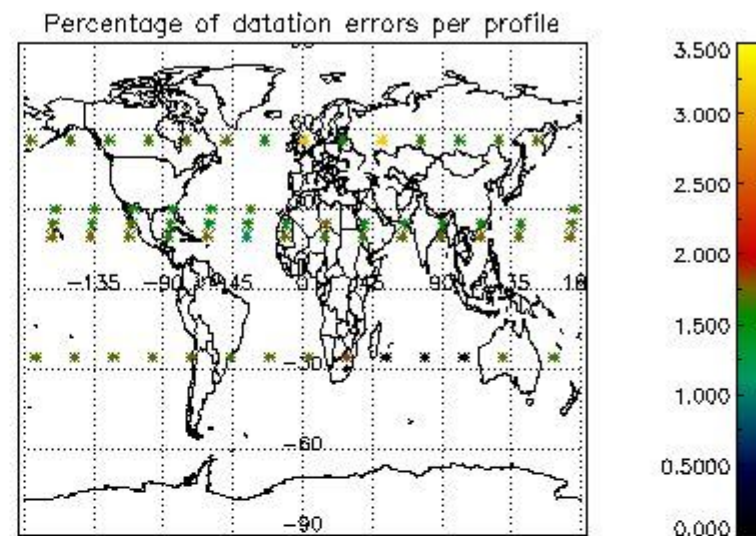
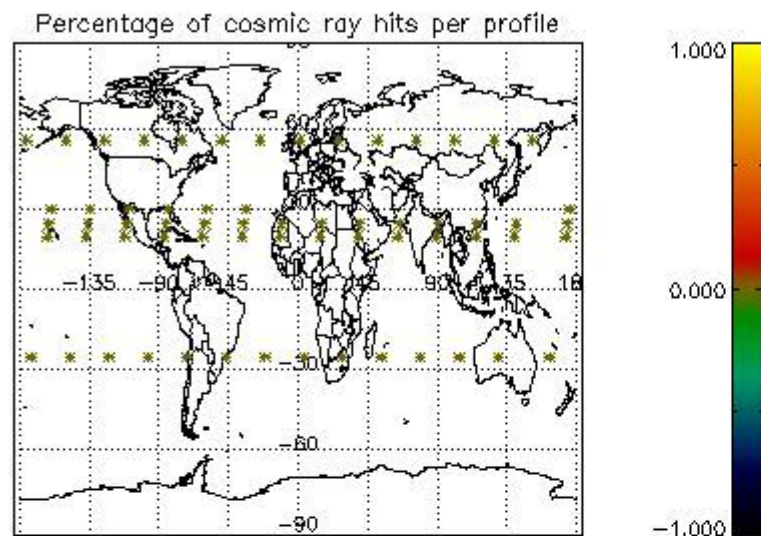
Percentage of star falling outside central band per profile



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

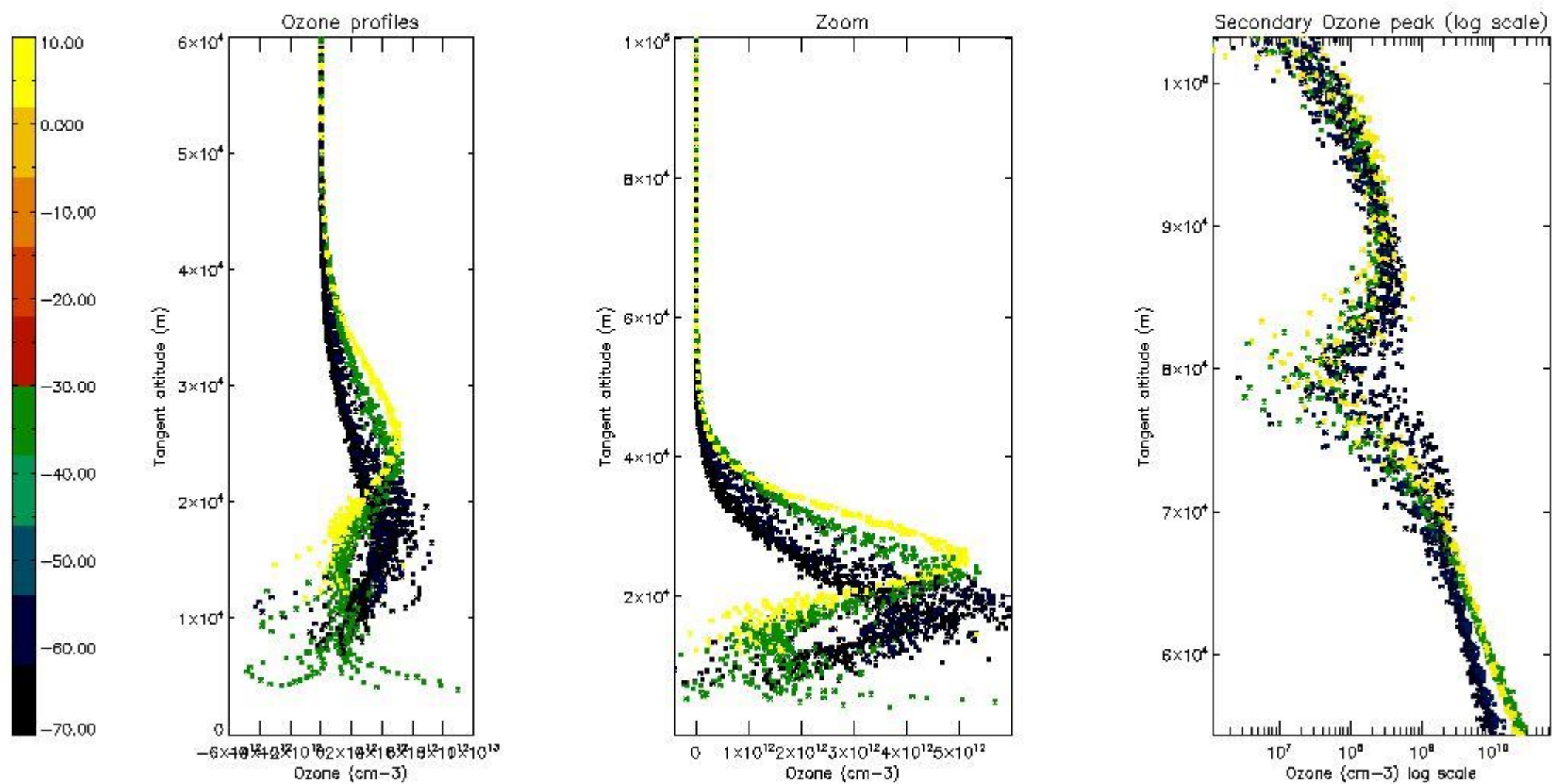
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	37
STD < 20	30

STD < 10	26
STD < 5	21

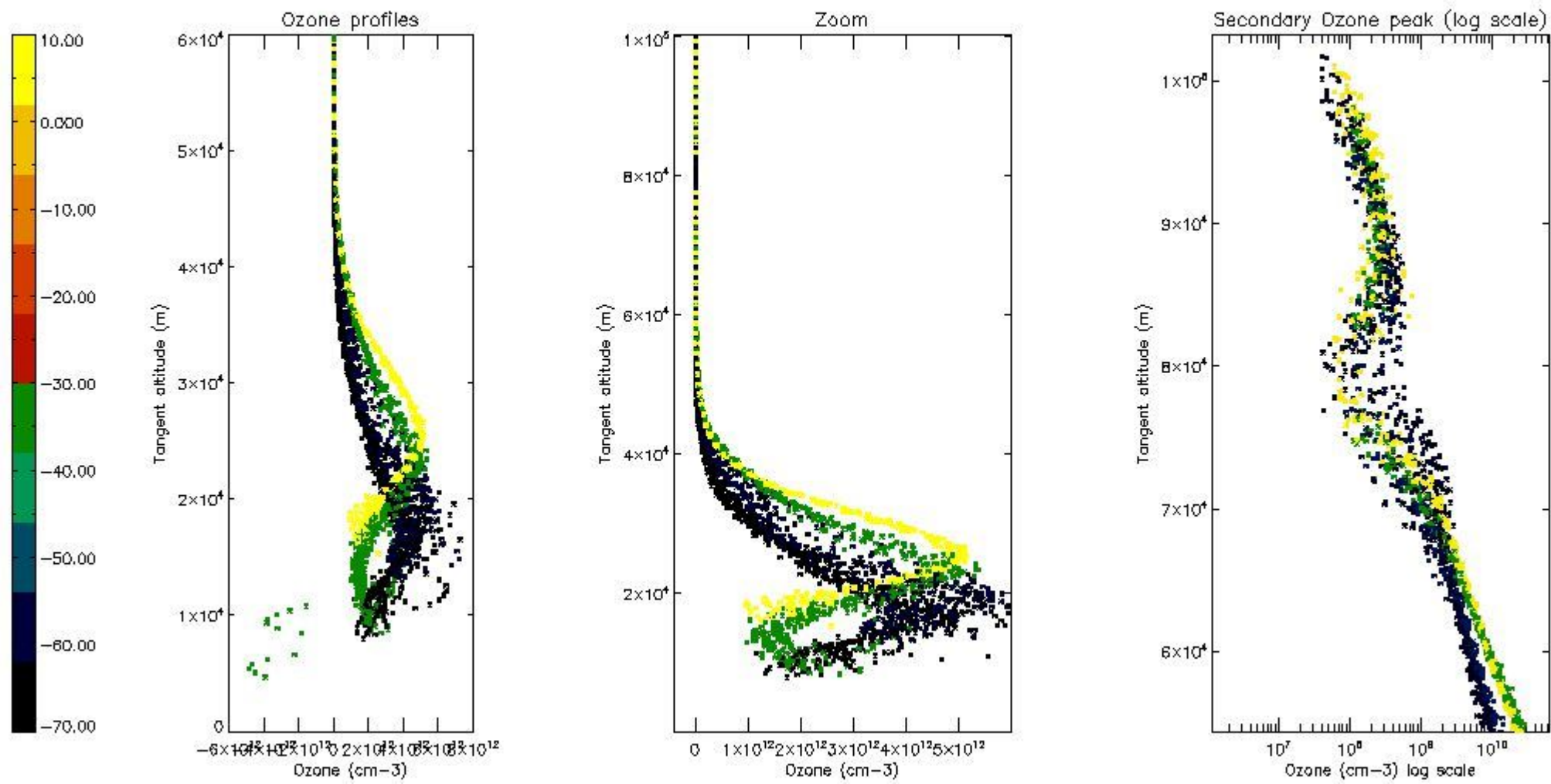
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



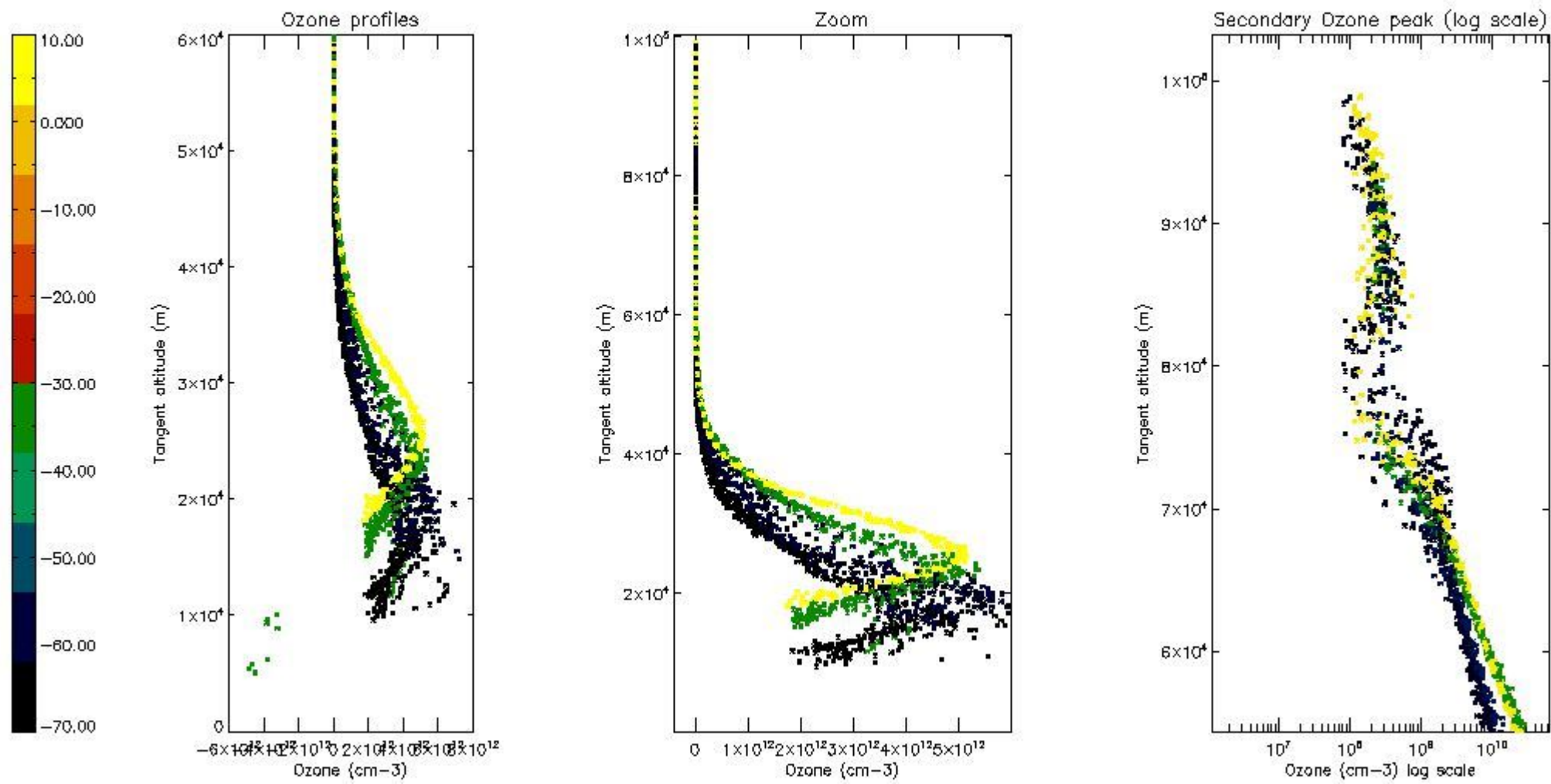
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



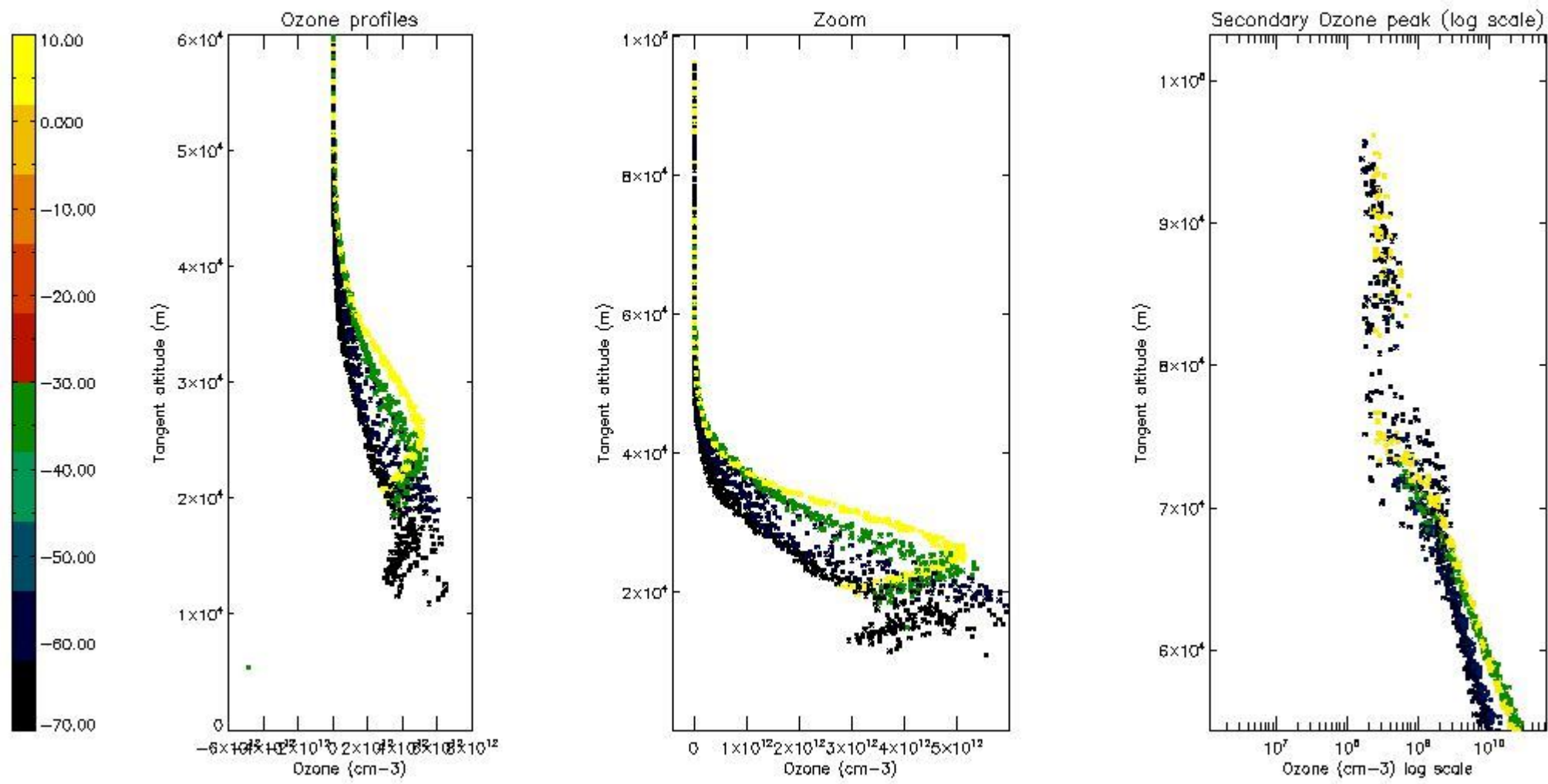
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



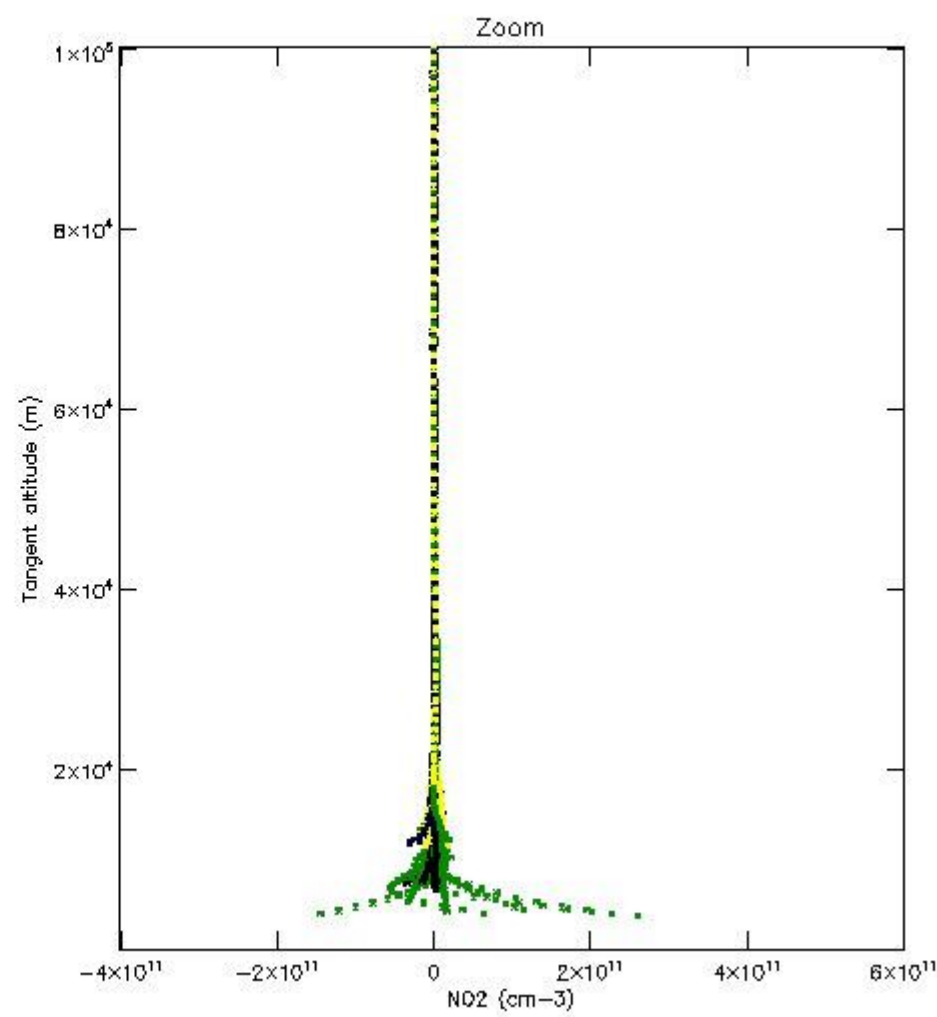
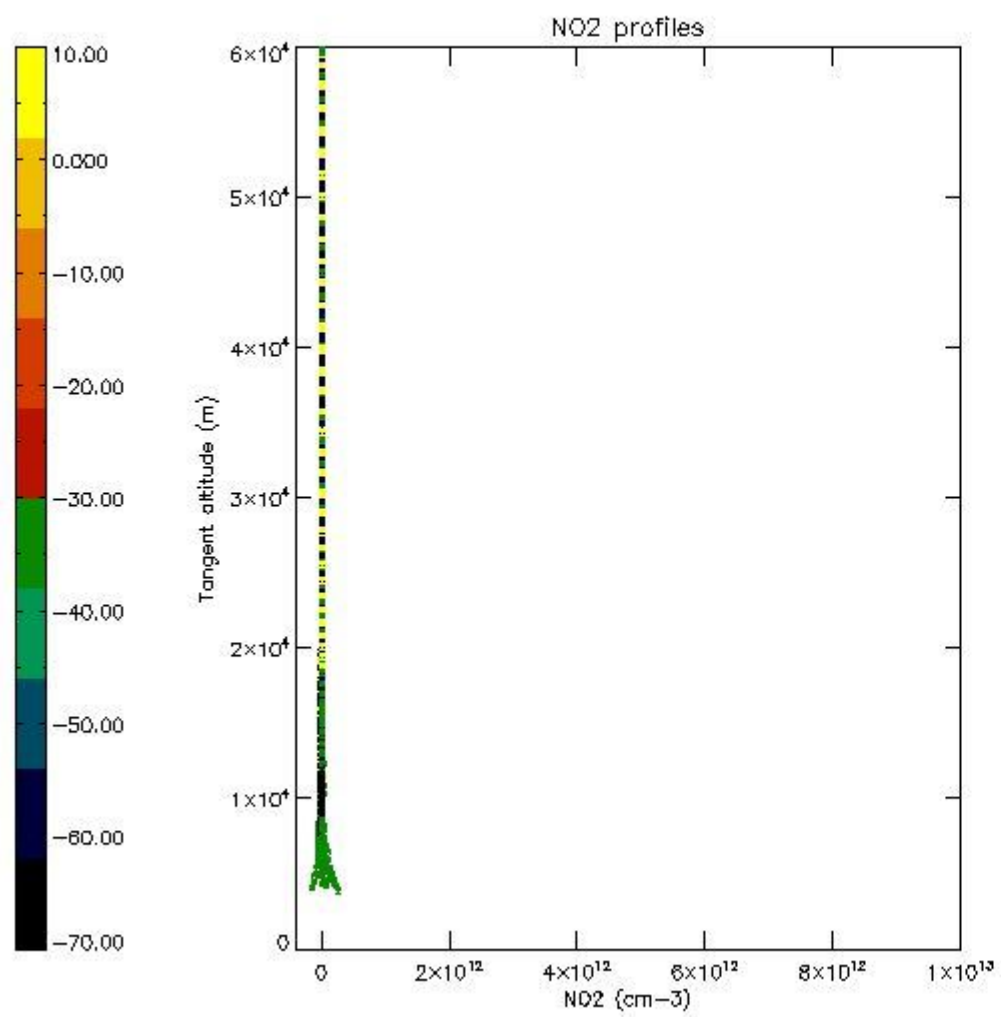
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



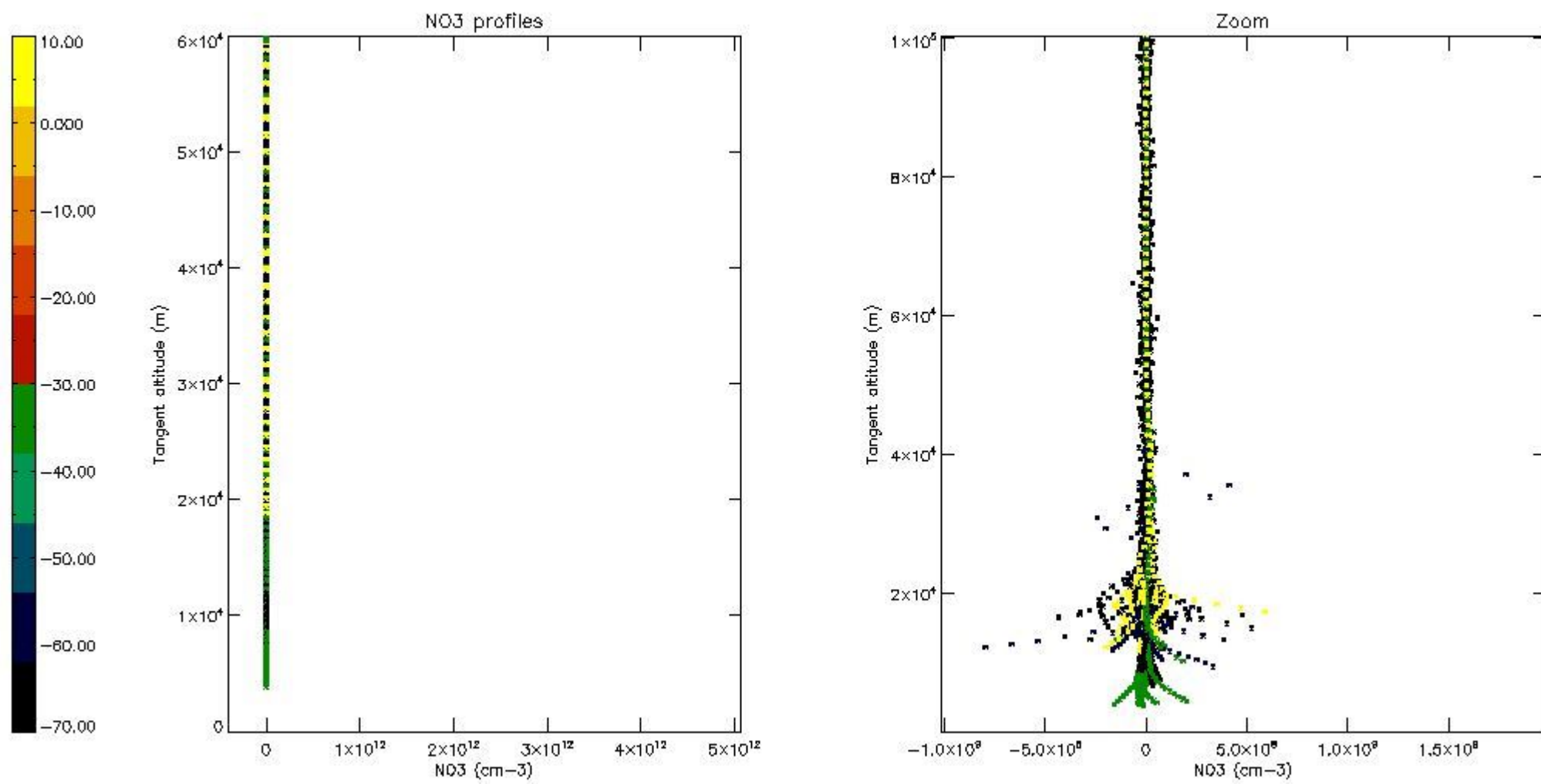
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



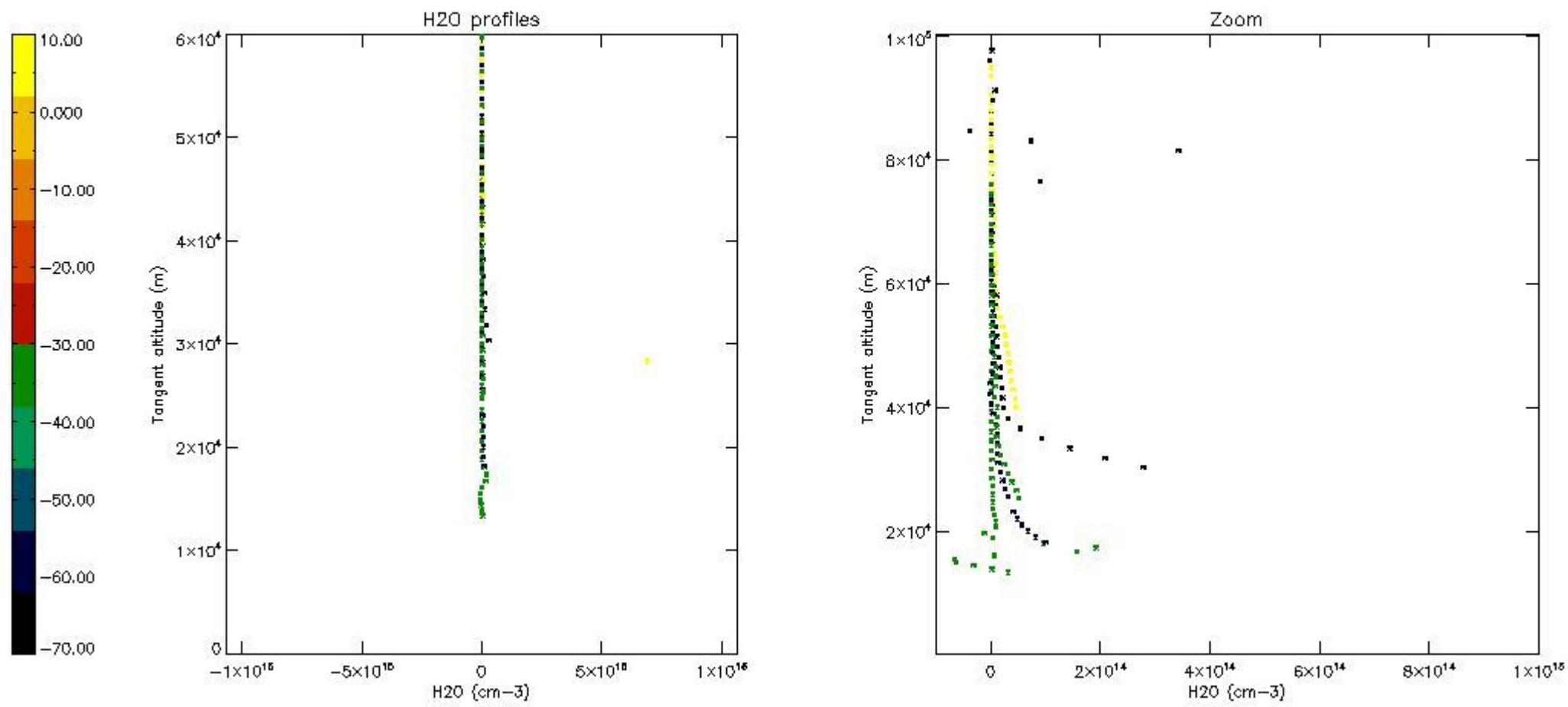
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

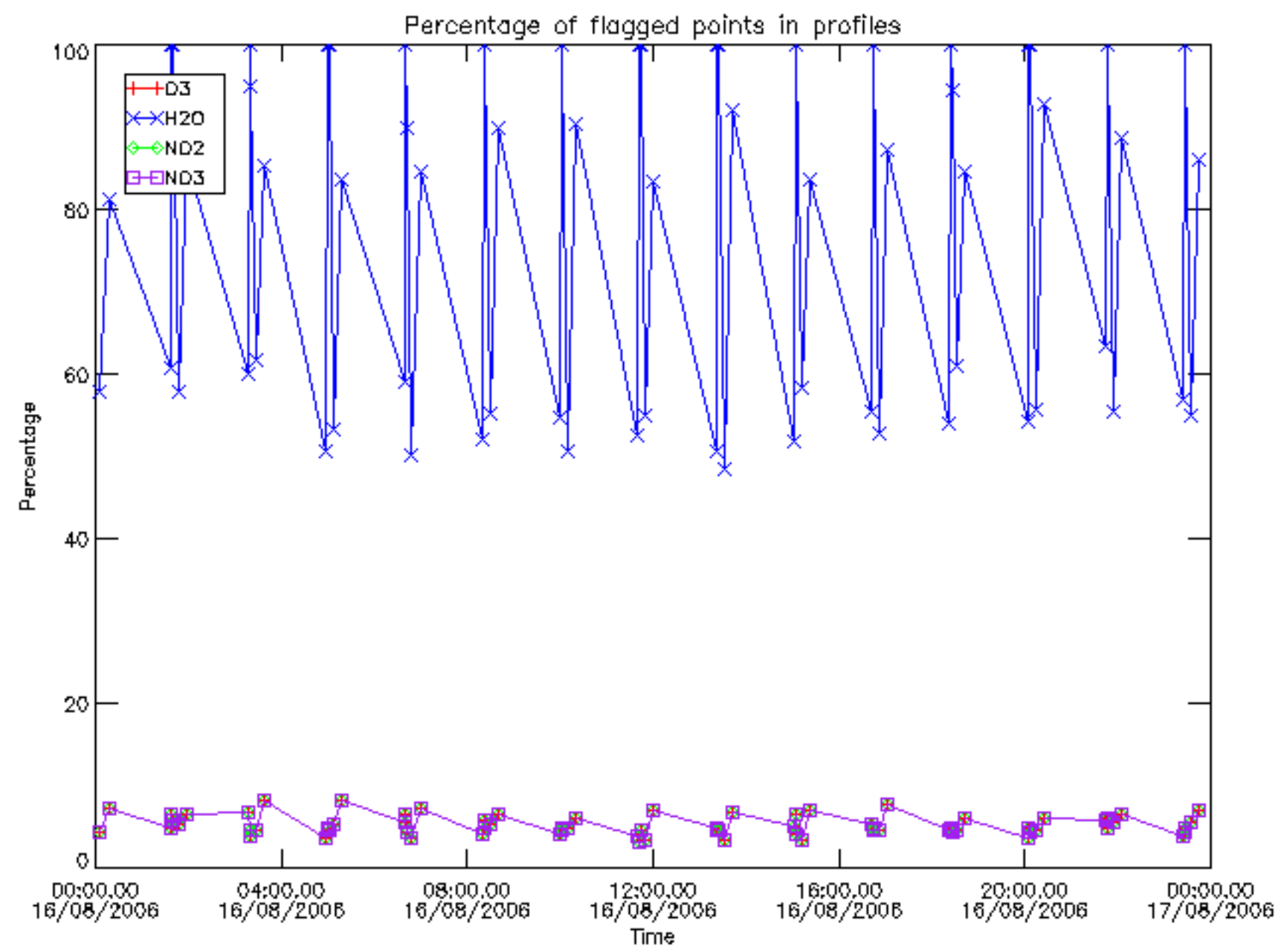
The colorbar represents the latitude.



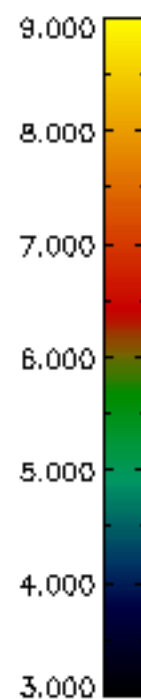
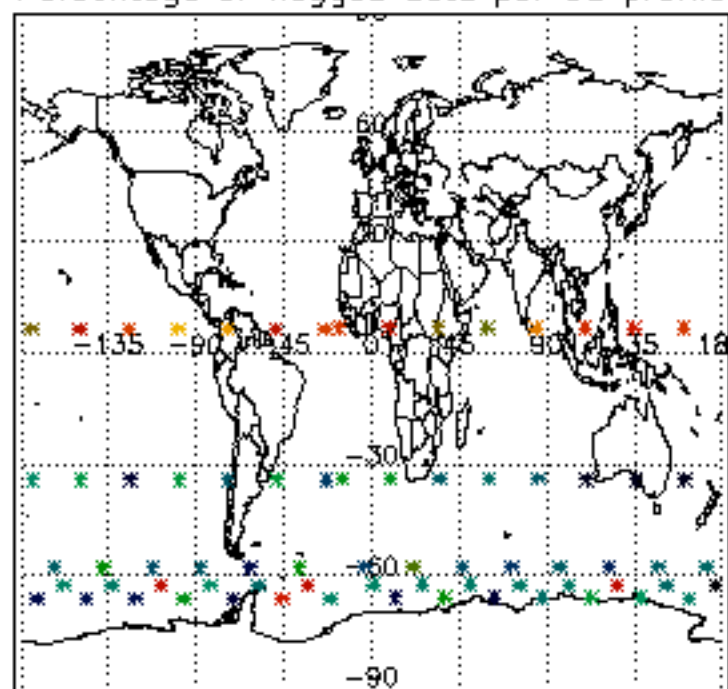
6. Auxiliary Data Files used for the production reported in section 2

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

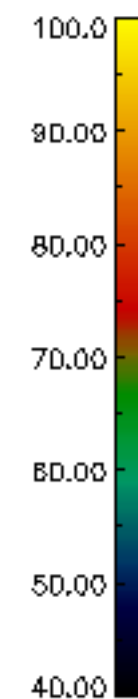
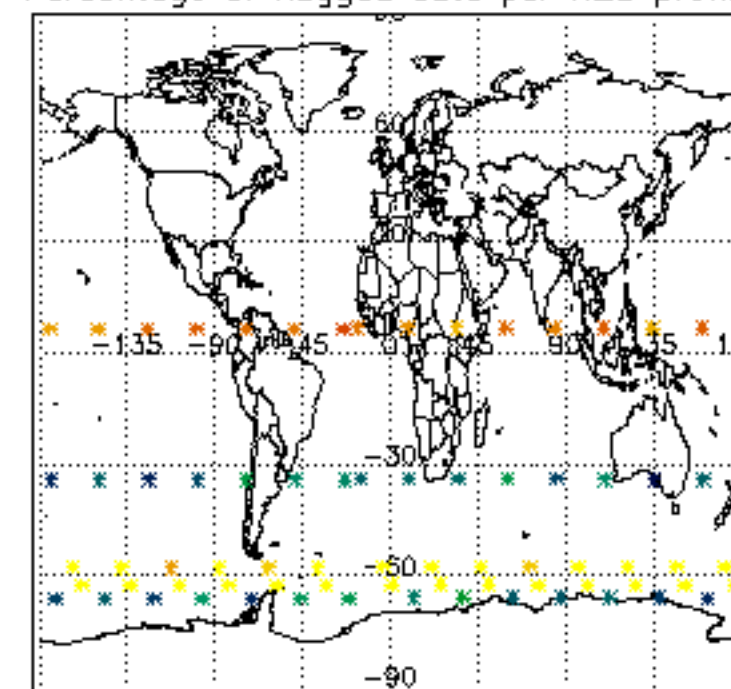
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	16-AUG-2006 00:06:13
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	16-AUG-2006 00:06:13
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	16-AUG-2006 00:06:13



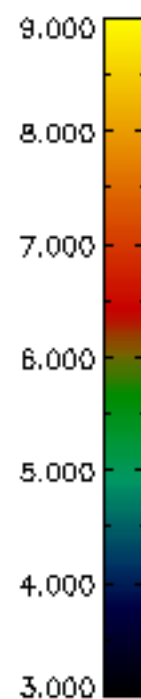
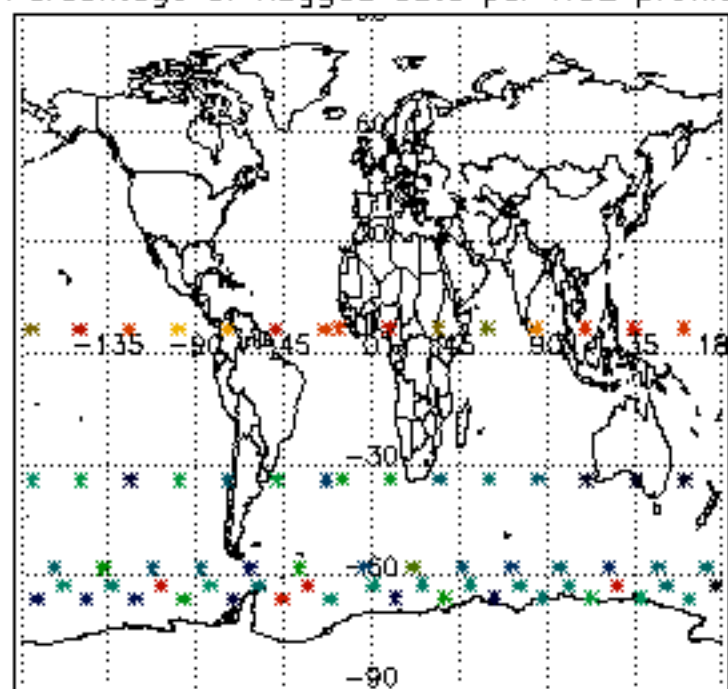
Percentage of flagged data per D3 profile



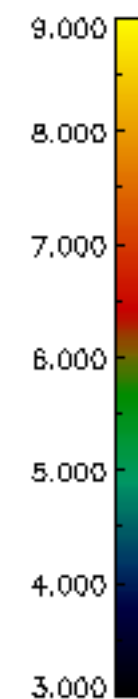
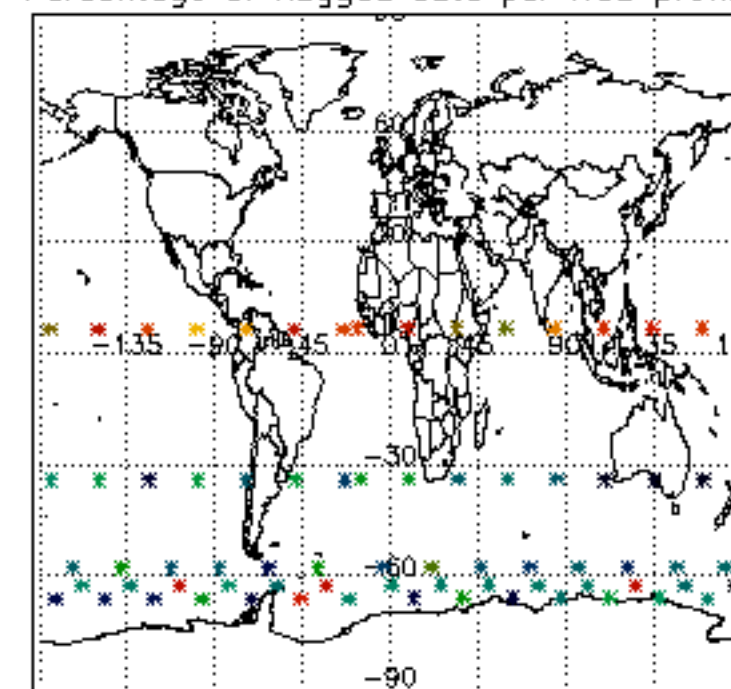
Percentage of flagged data per H2O profile

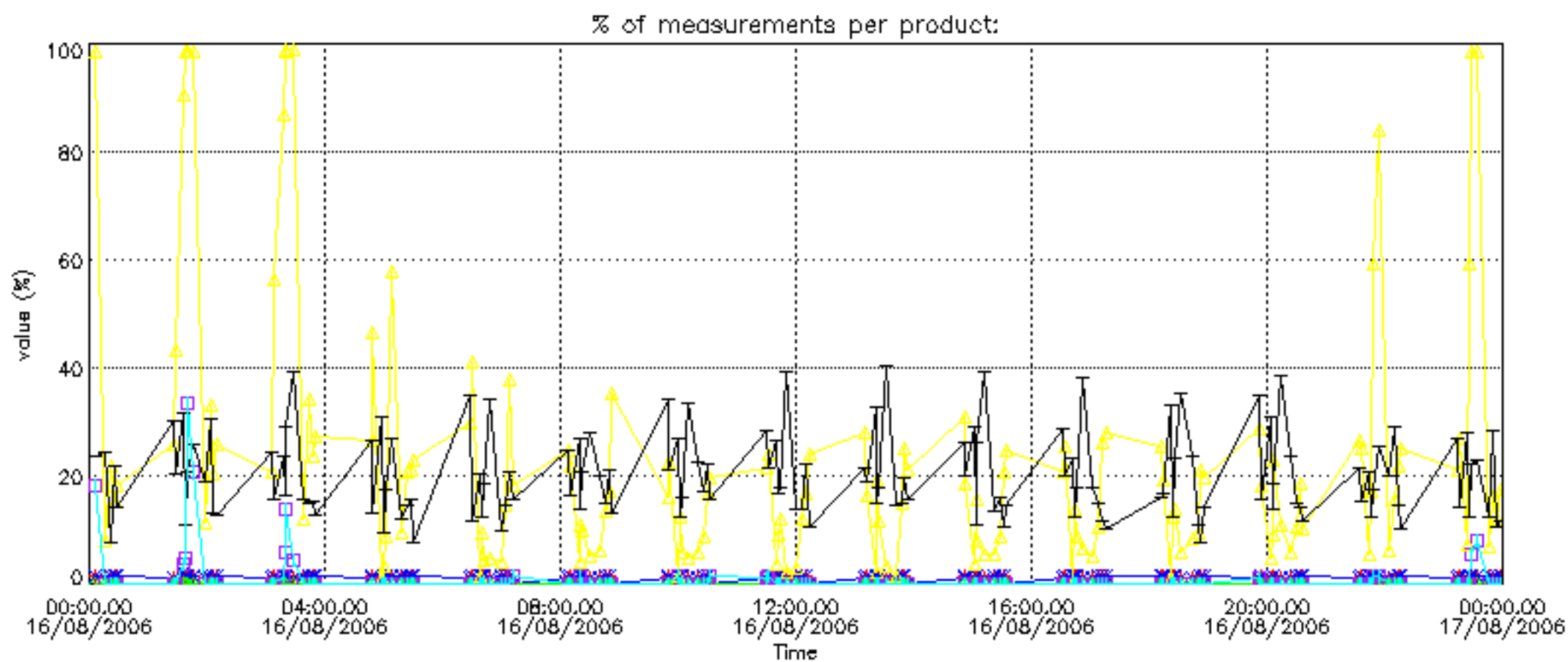


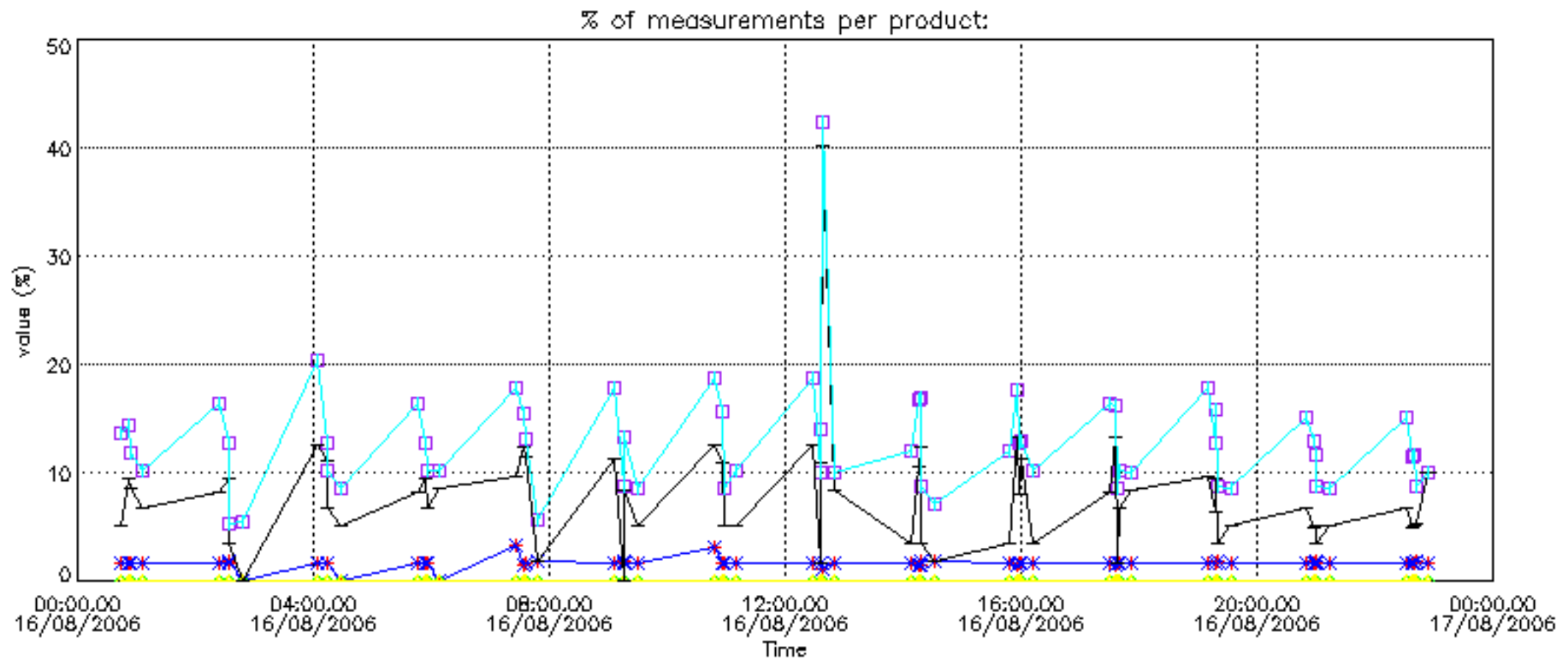
Percentage of flagged data per NO2 profile



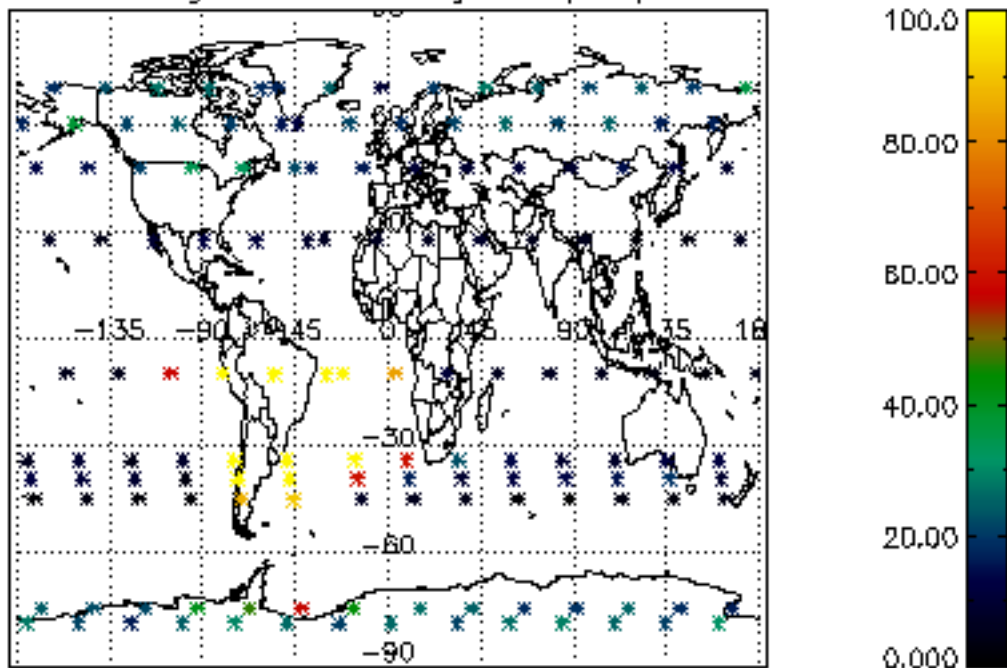
Percentage of flagged data per NO3 profile



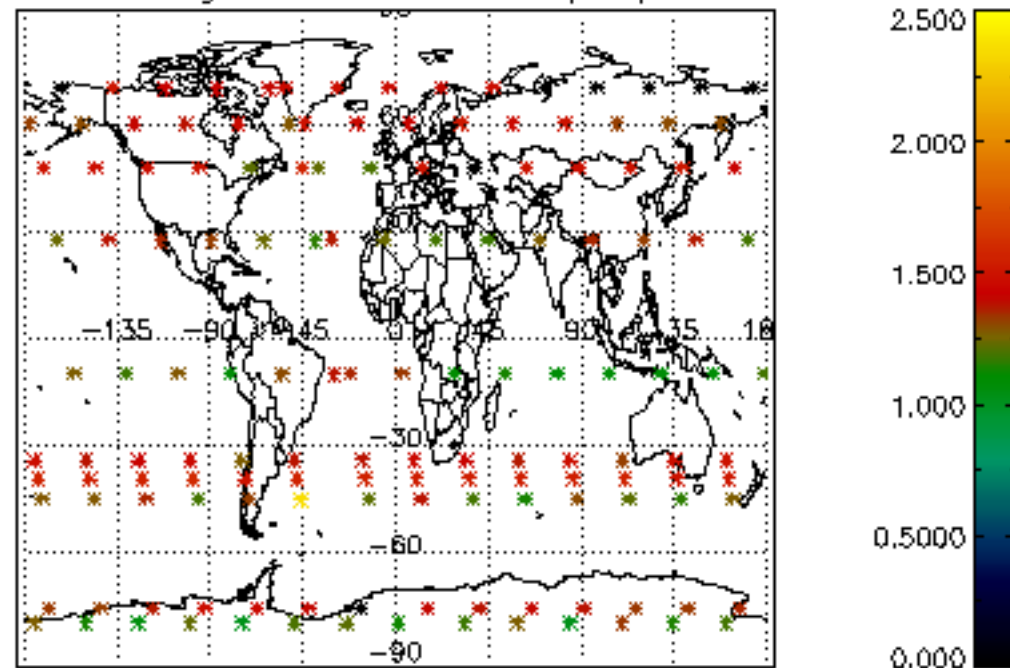




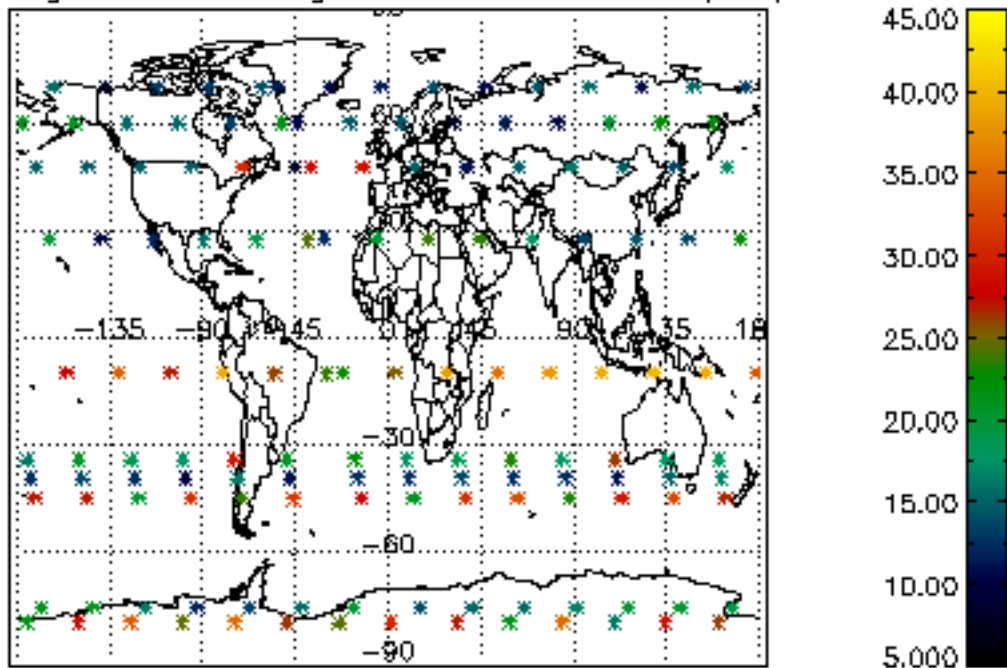
Percentage of cosmic ray hits per profile



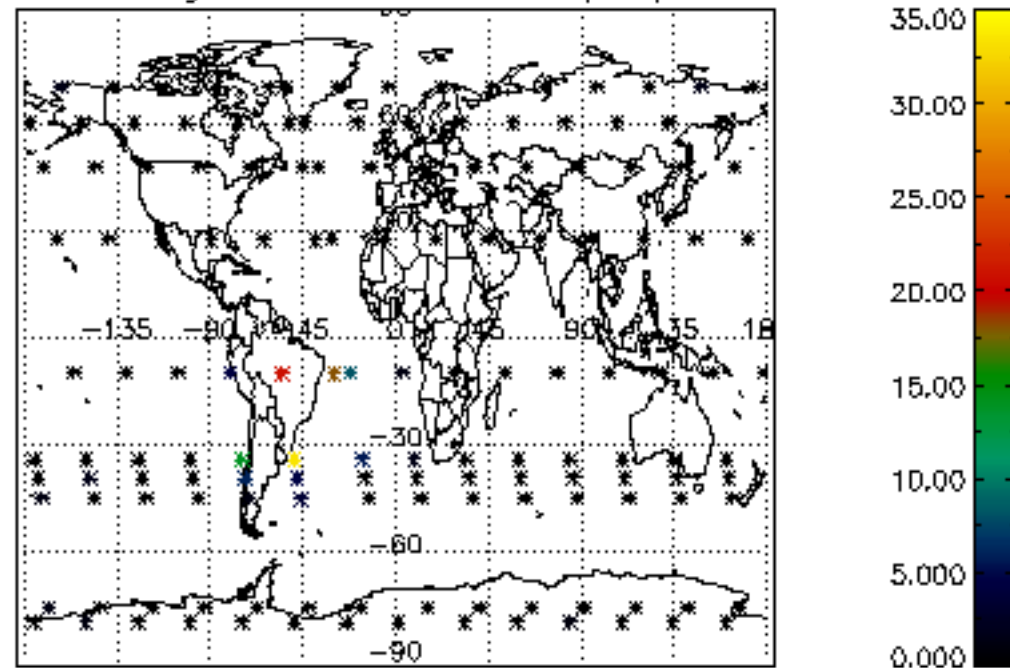
Percentage of datation errors per profile



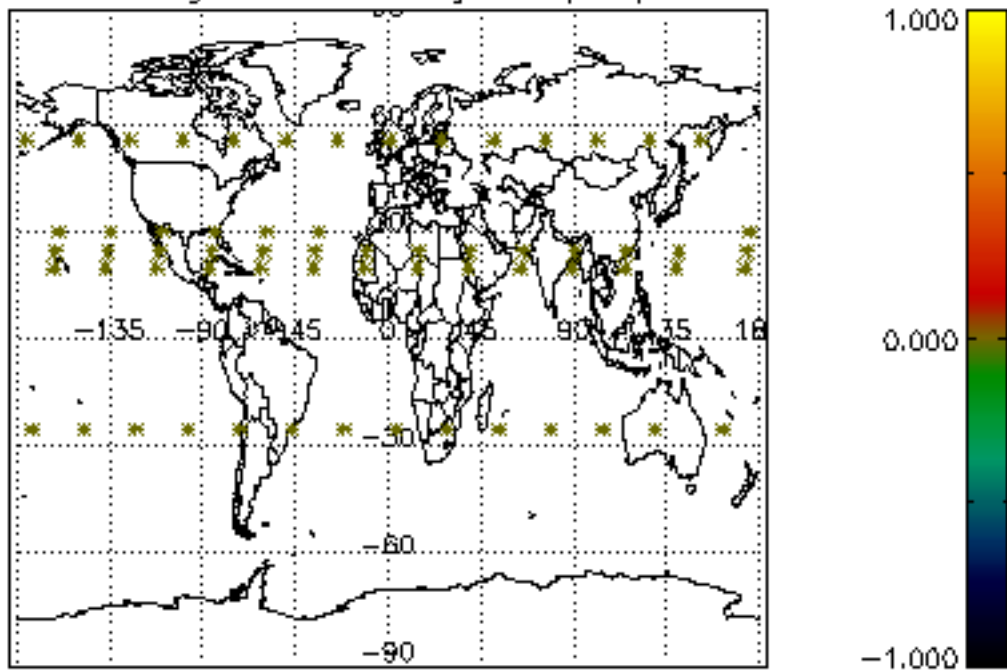
Percentage of star falling outside central band per profile



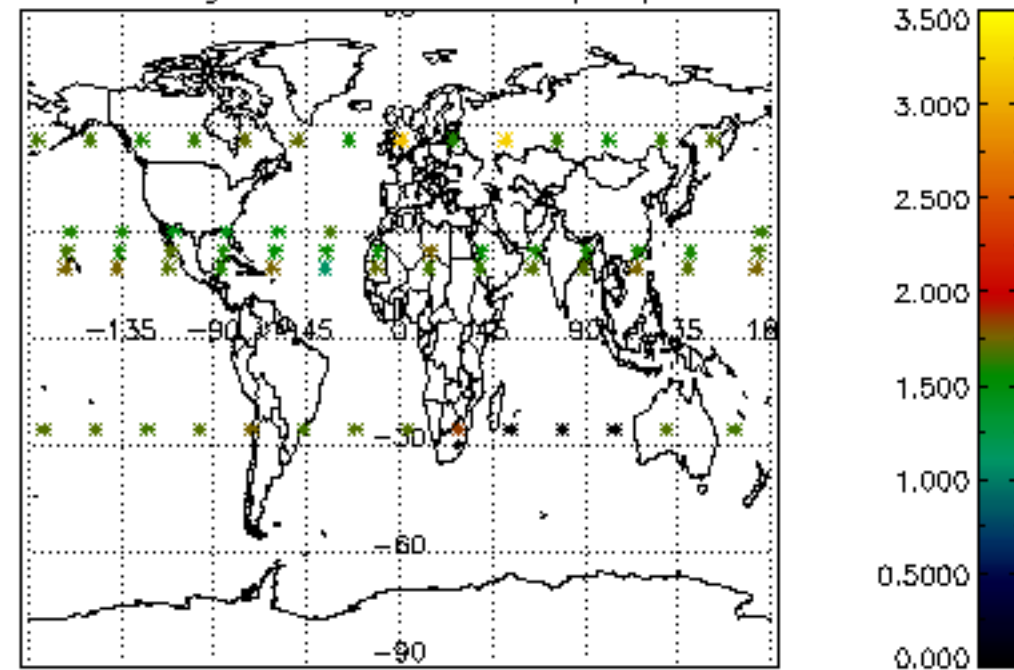
Percentage of saturation errors per profile



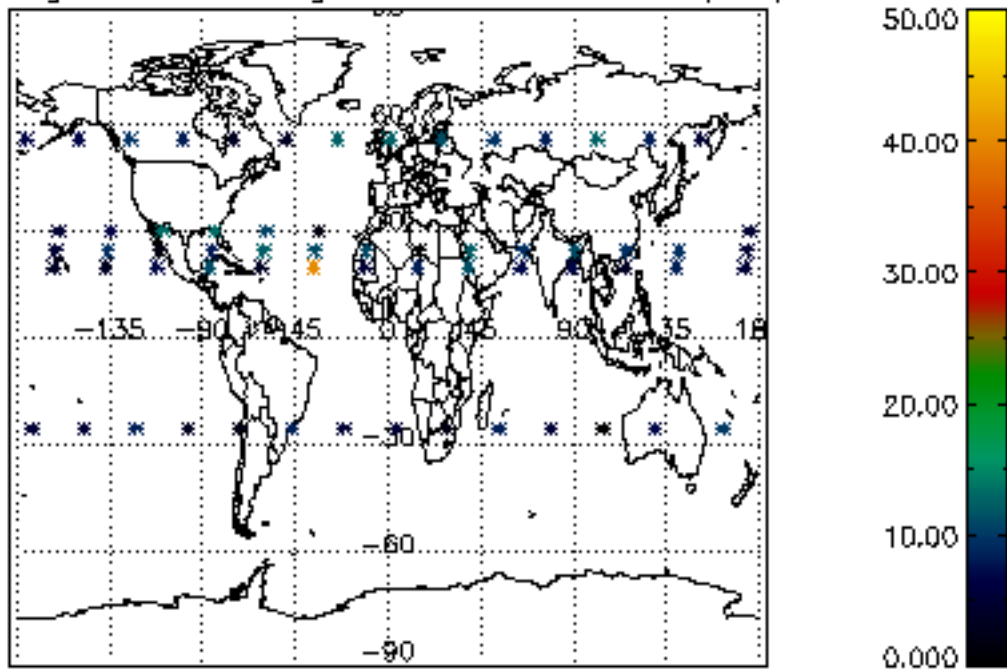
Percentage of cosmic ray hits per profile



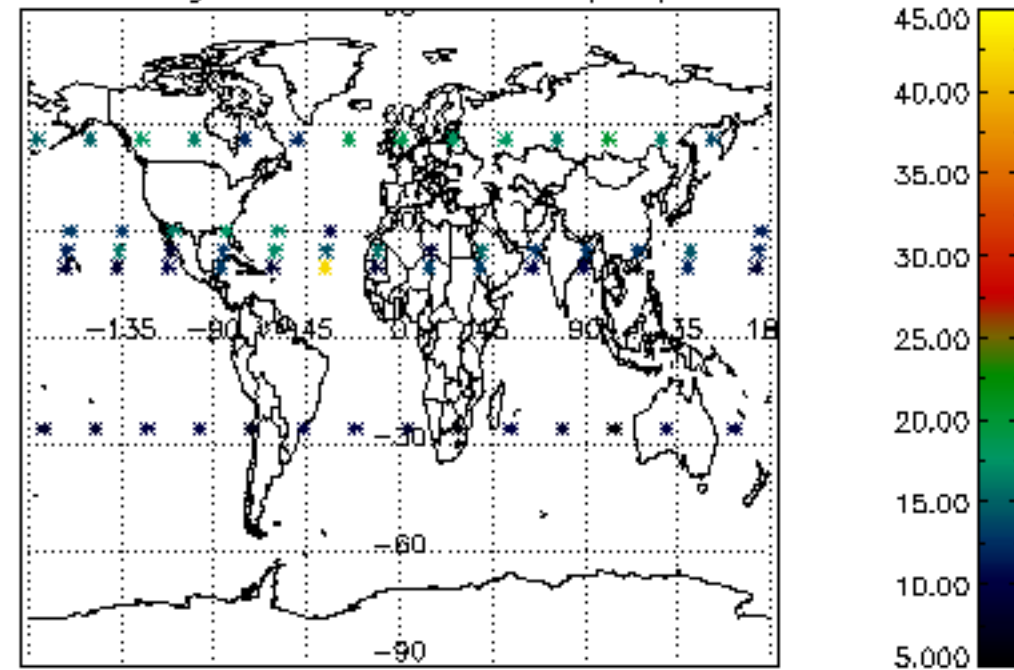
Percentage of datation errors per profile

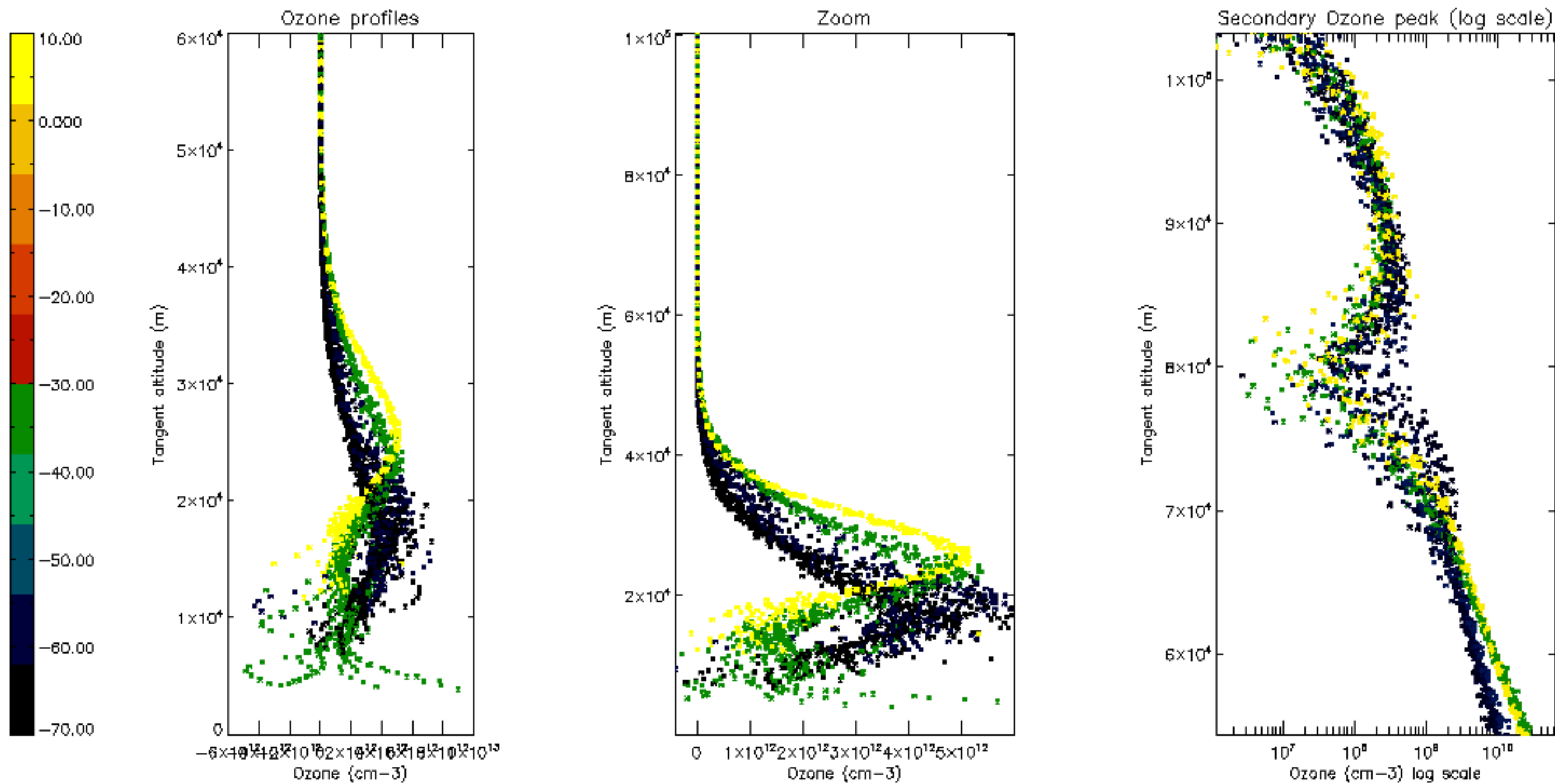


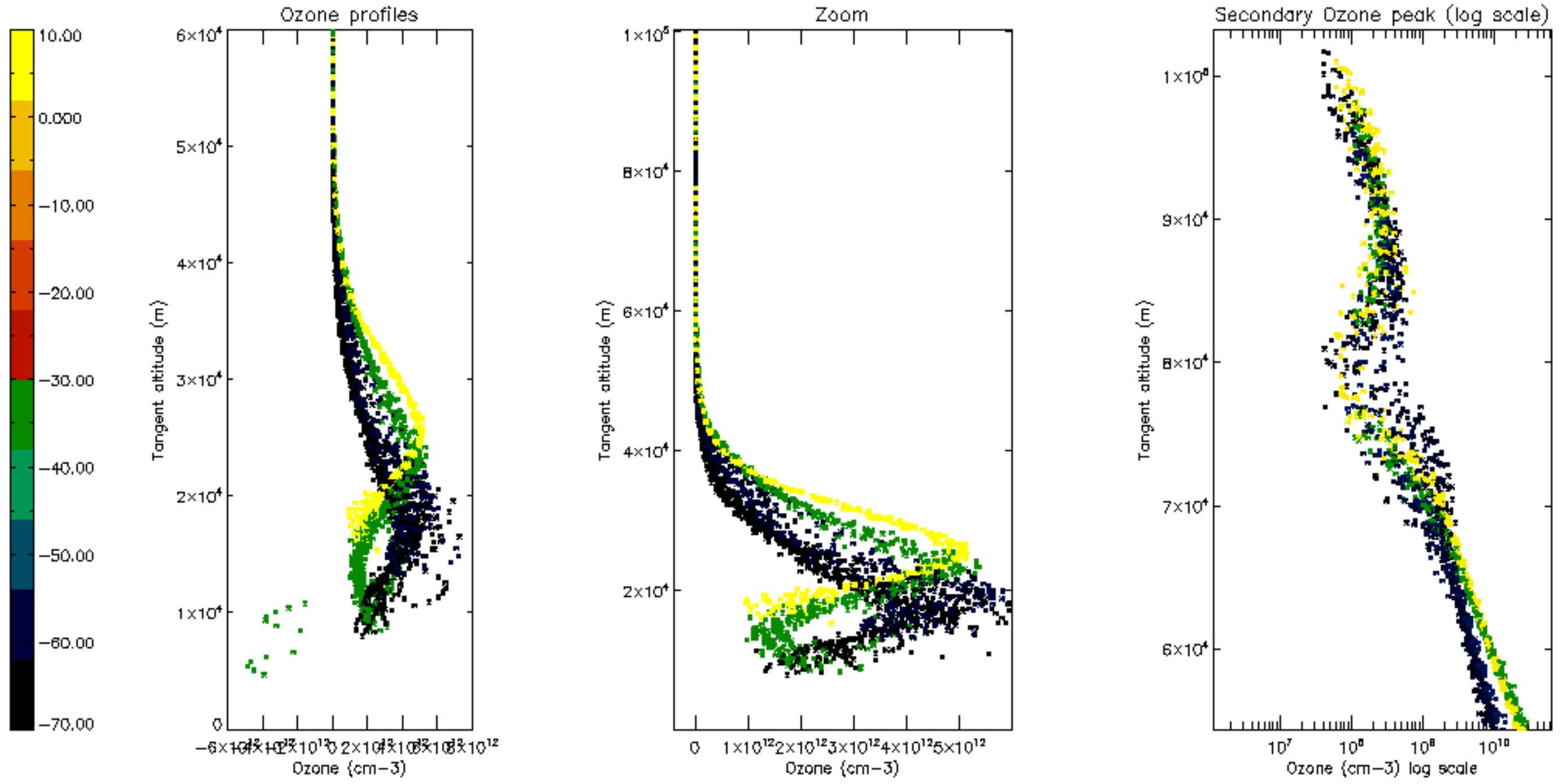
Percentage of star falling outside central band per profile

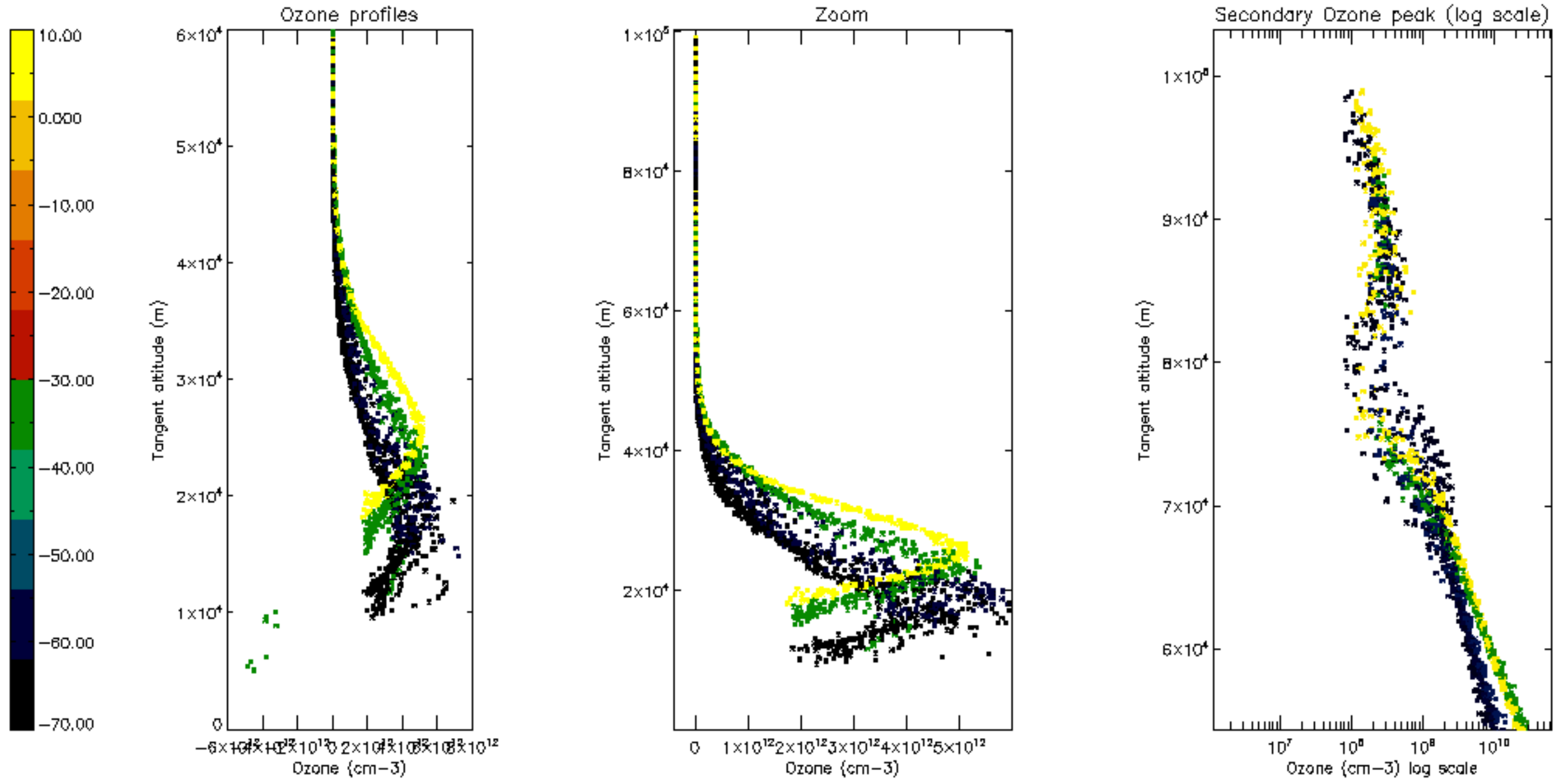


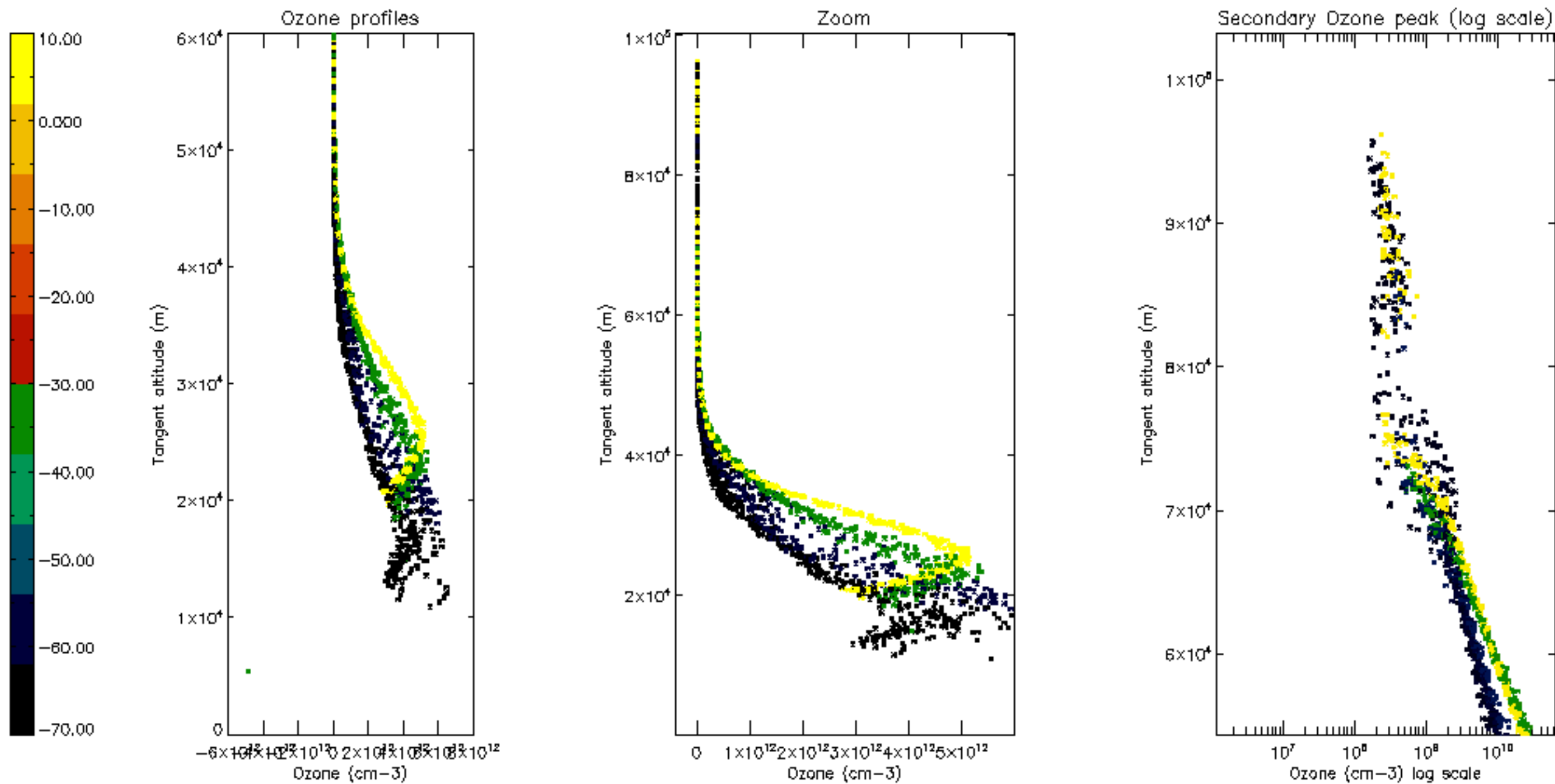
Percentage of saturation errors per profile

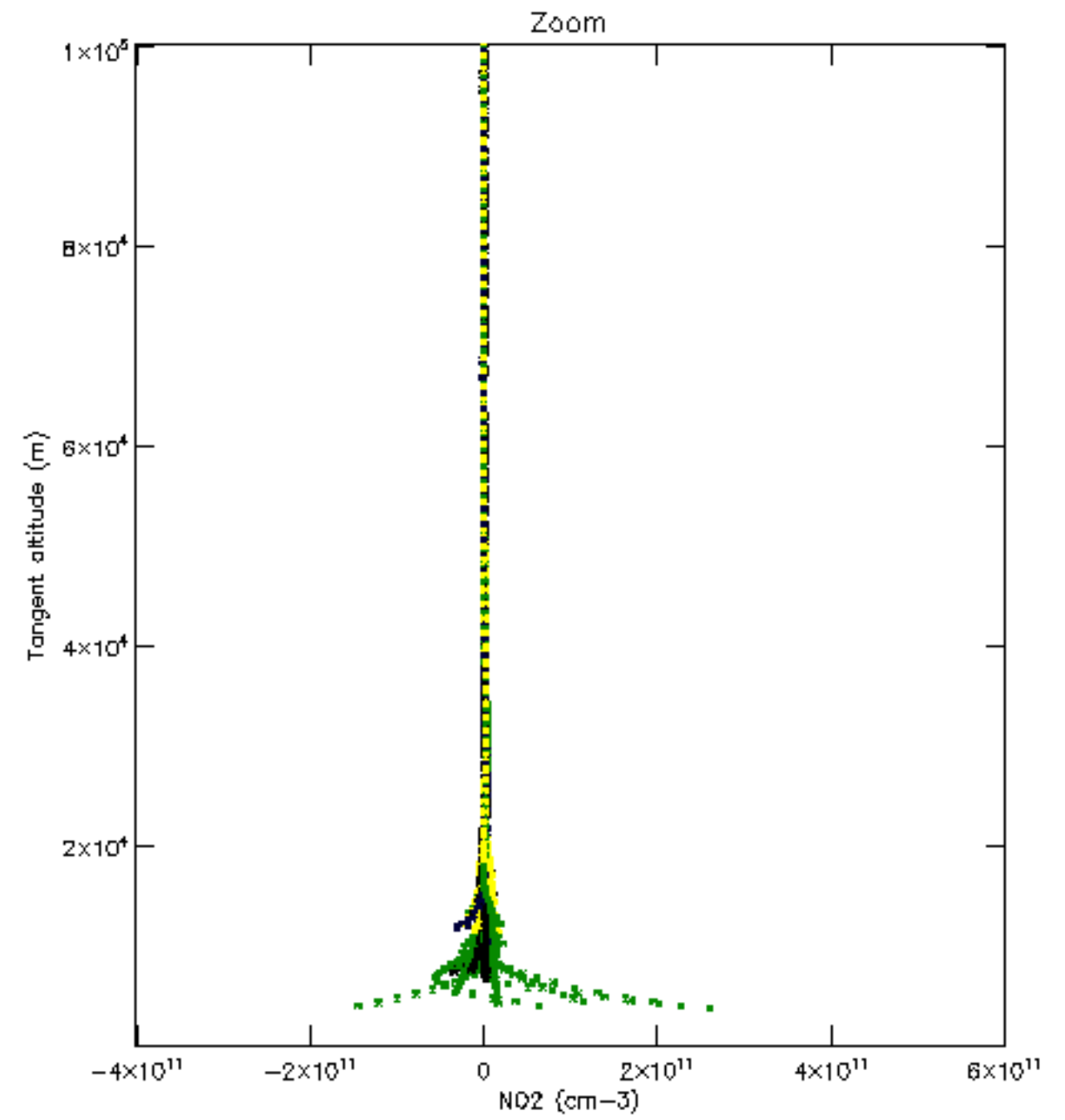
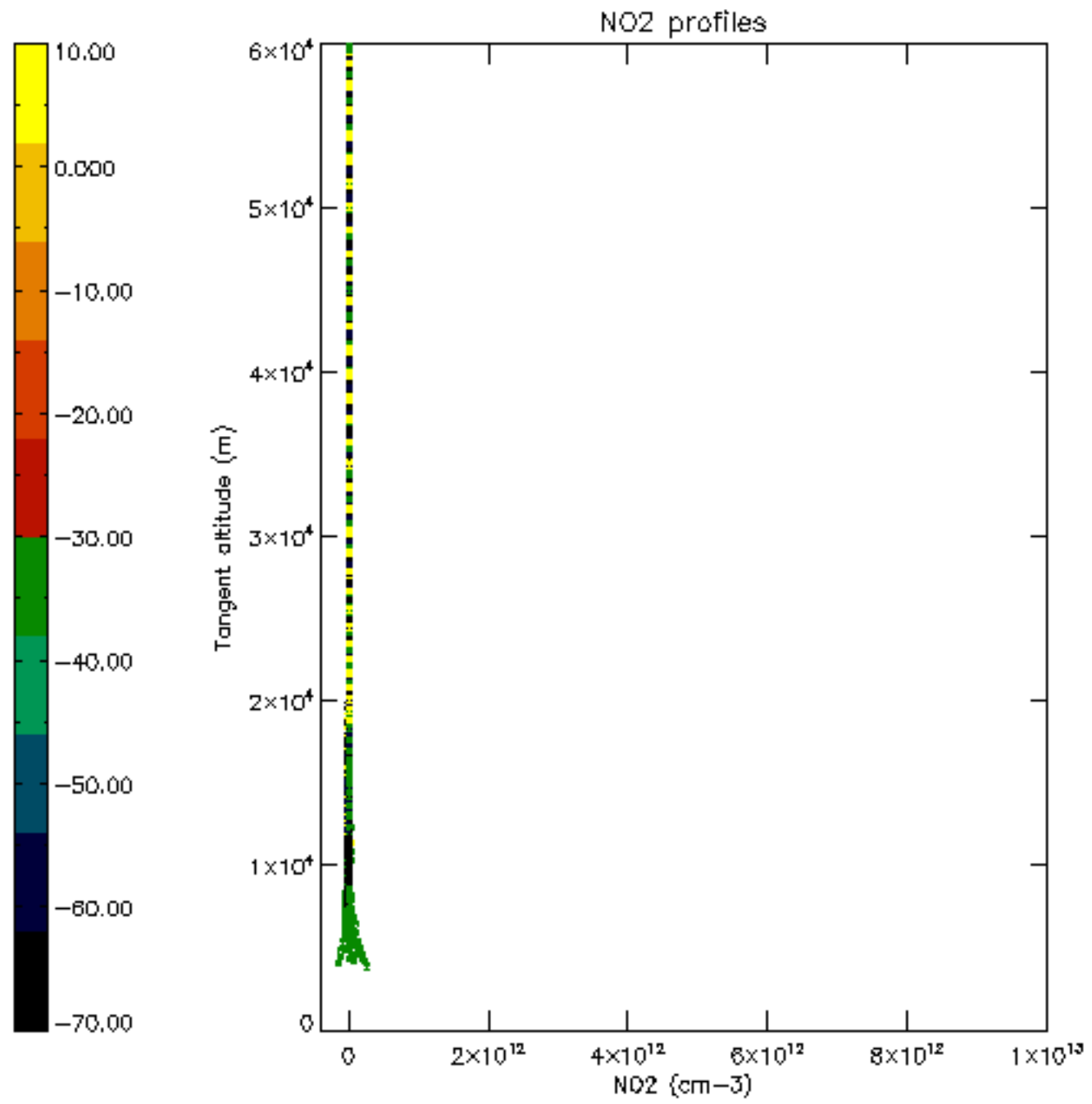


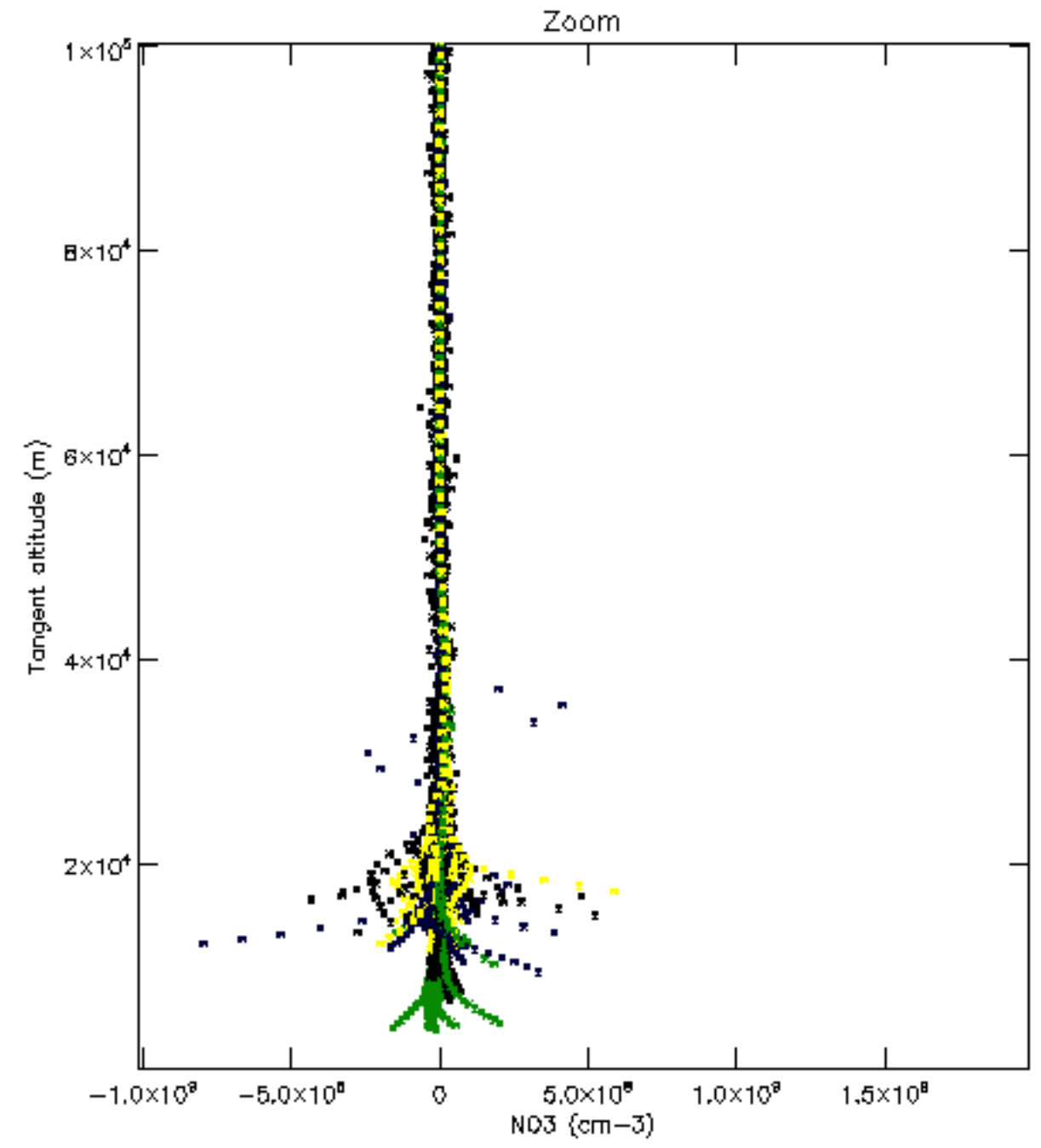
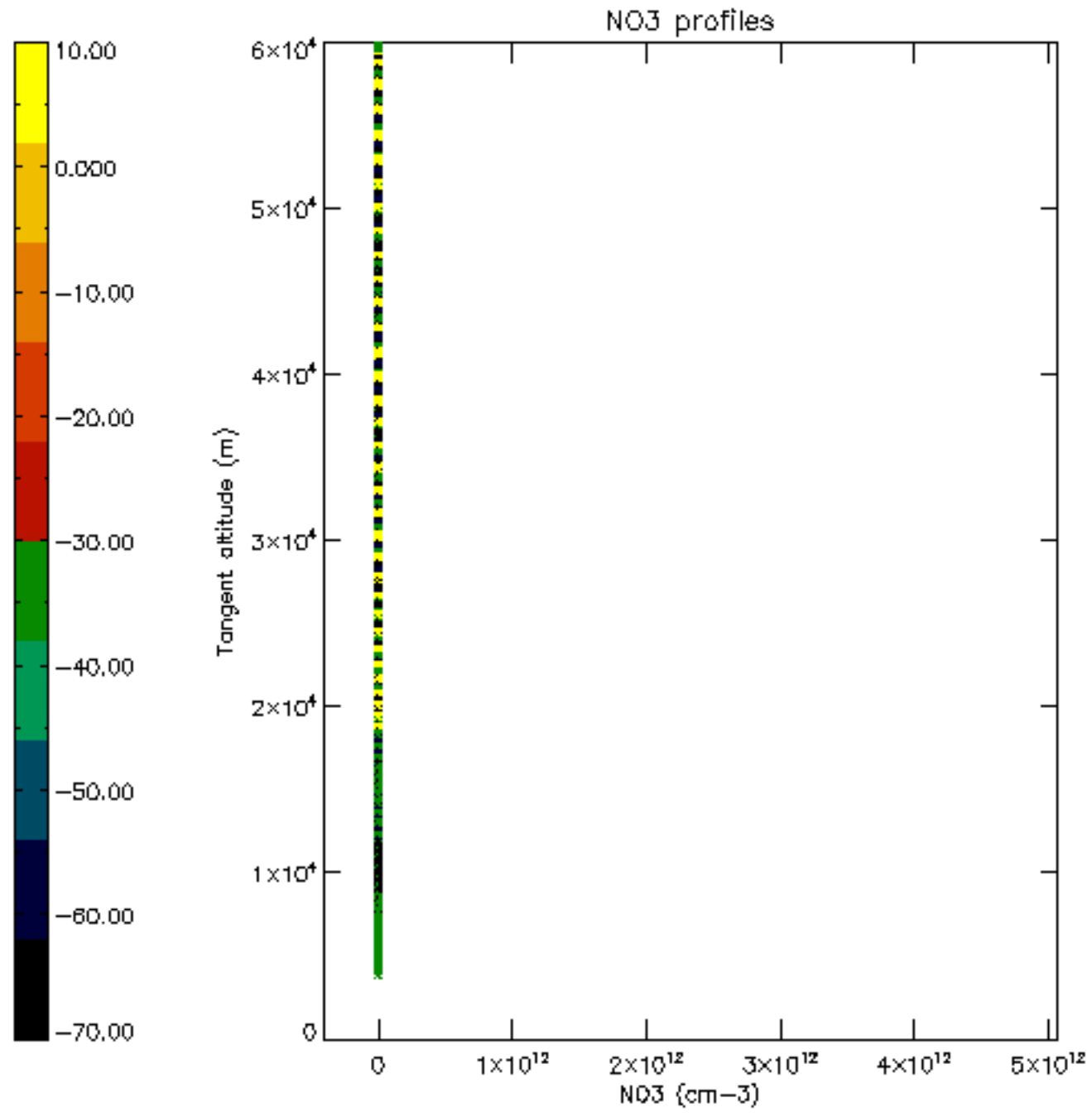


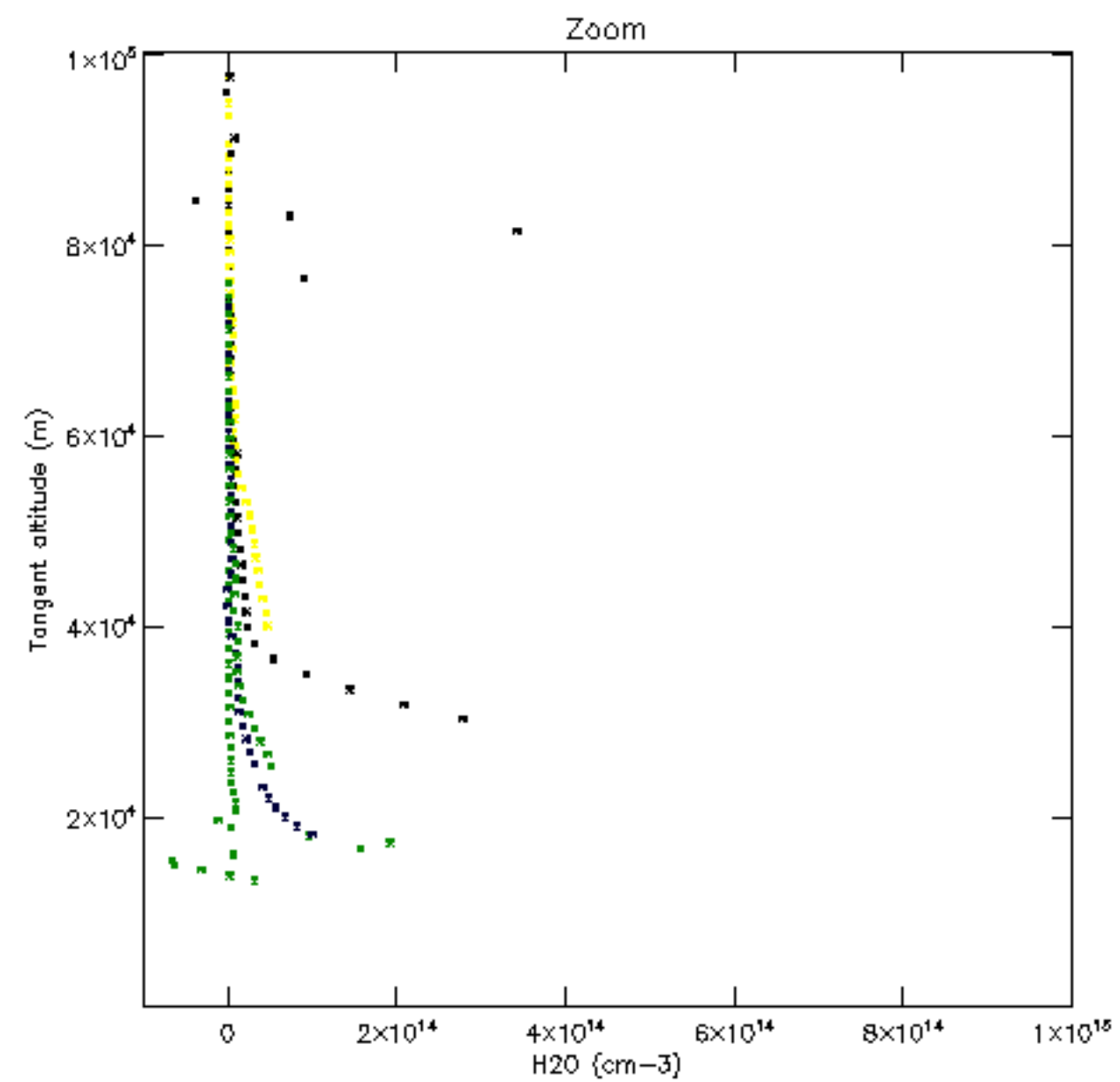
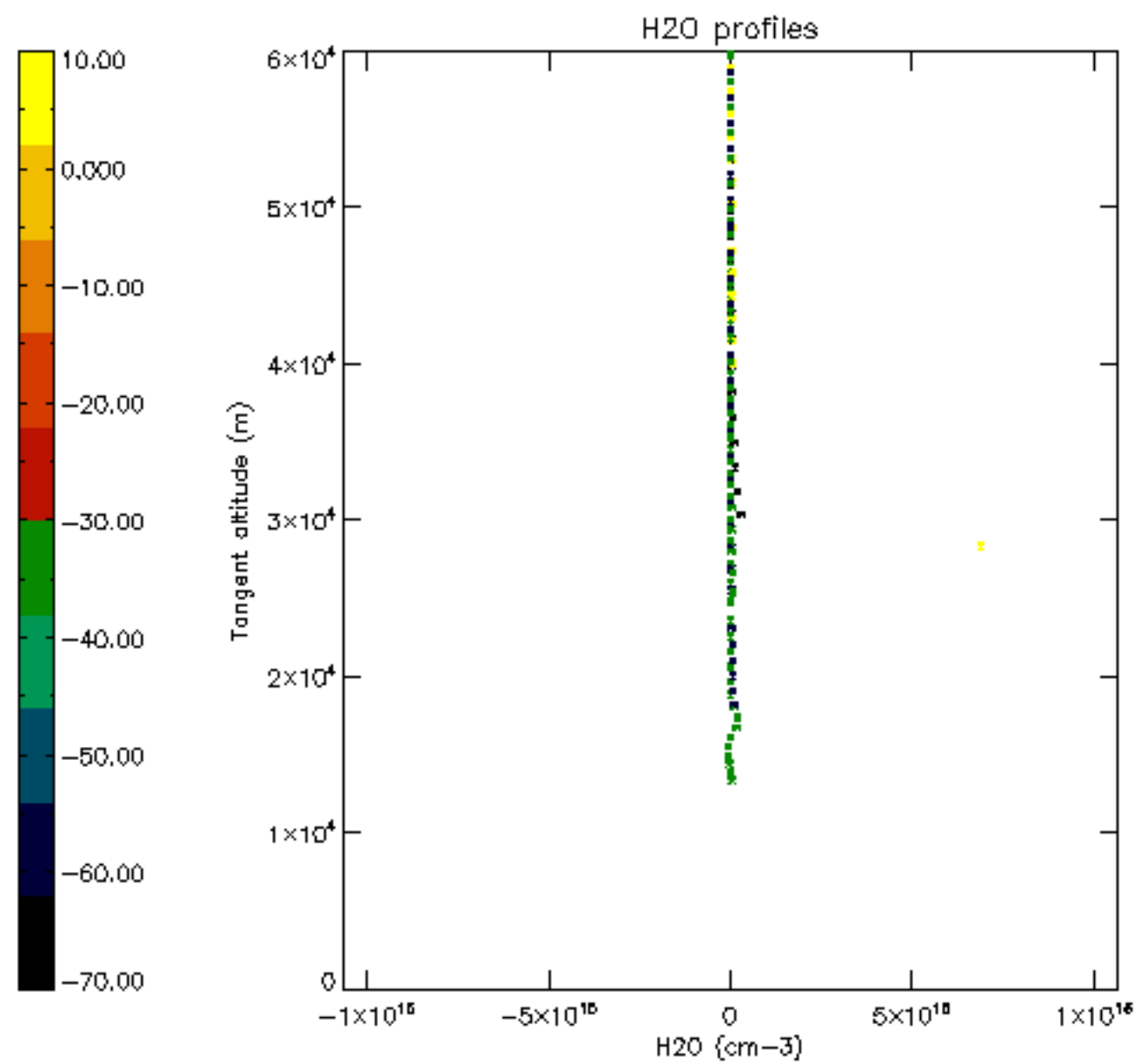


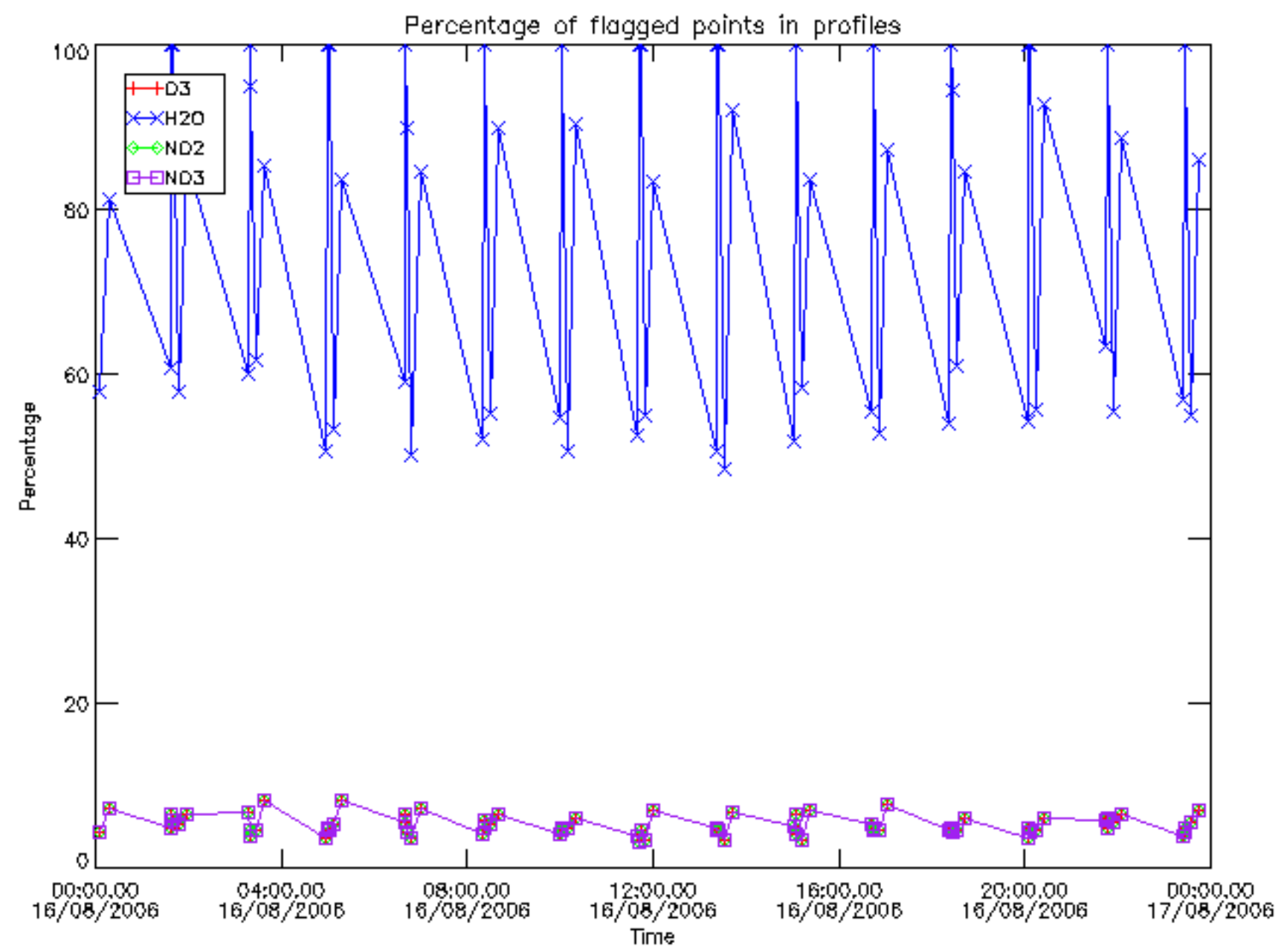




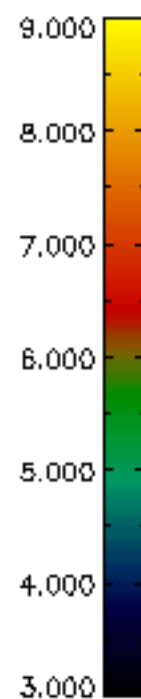
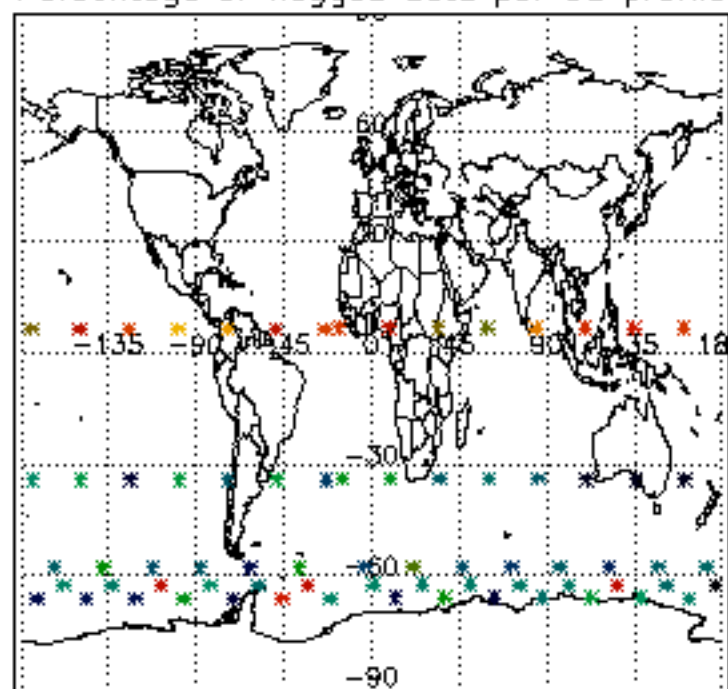




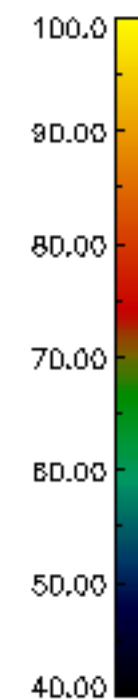
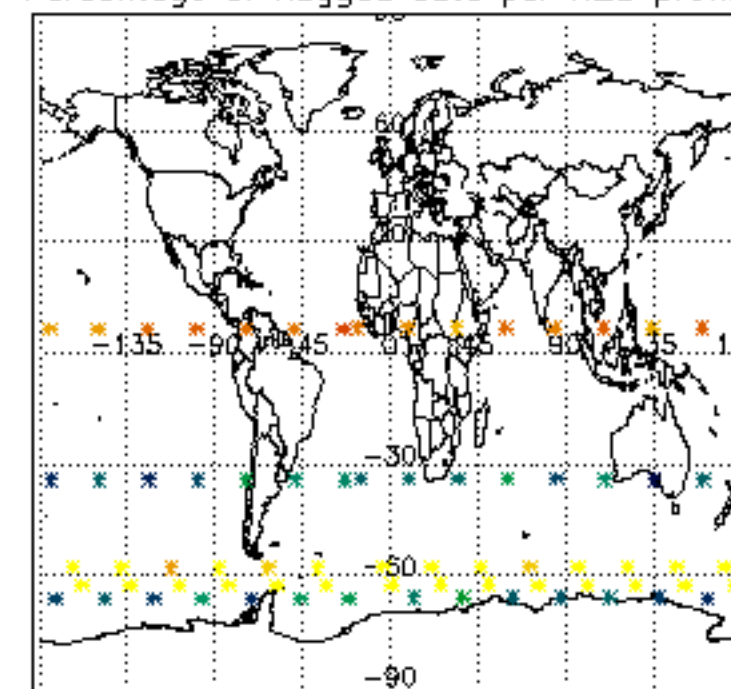




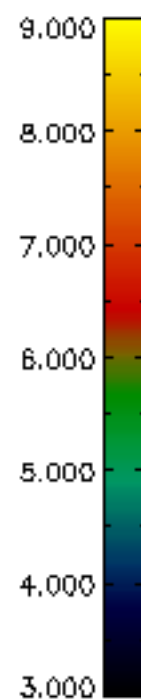
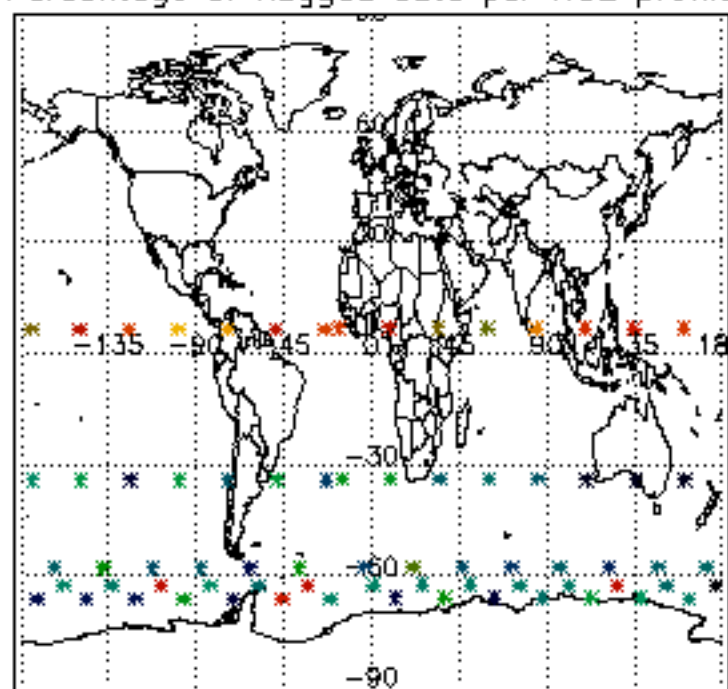
Percentage of flagged data per D3 profile



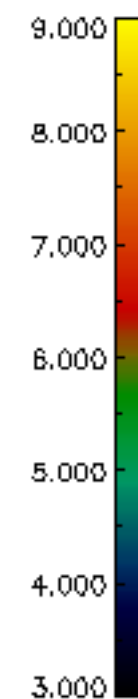
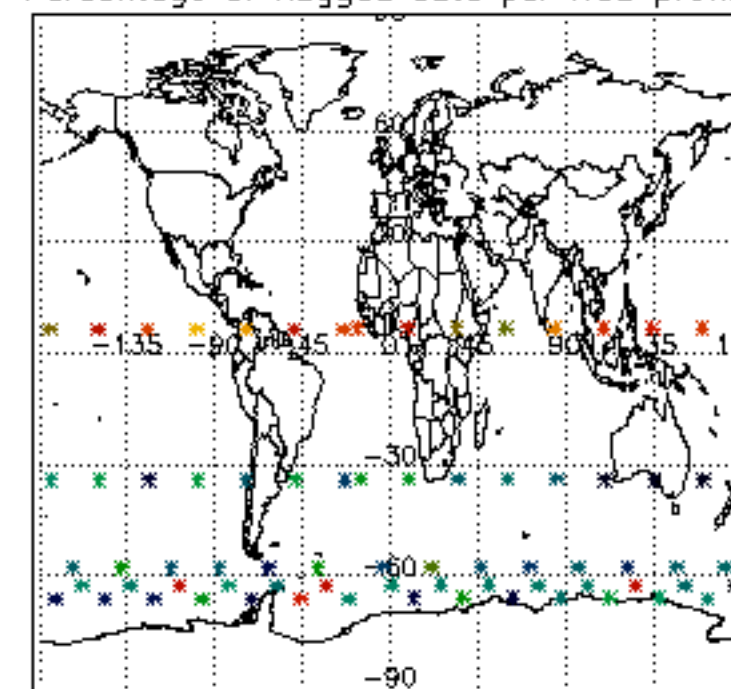
Percentage of flagged data per H2O profile

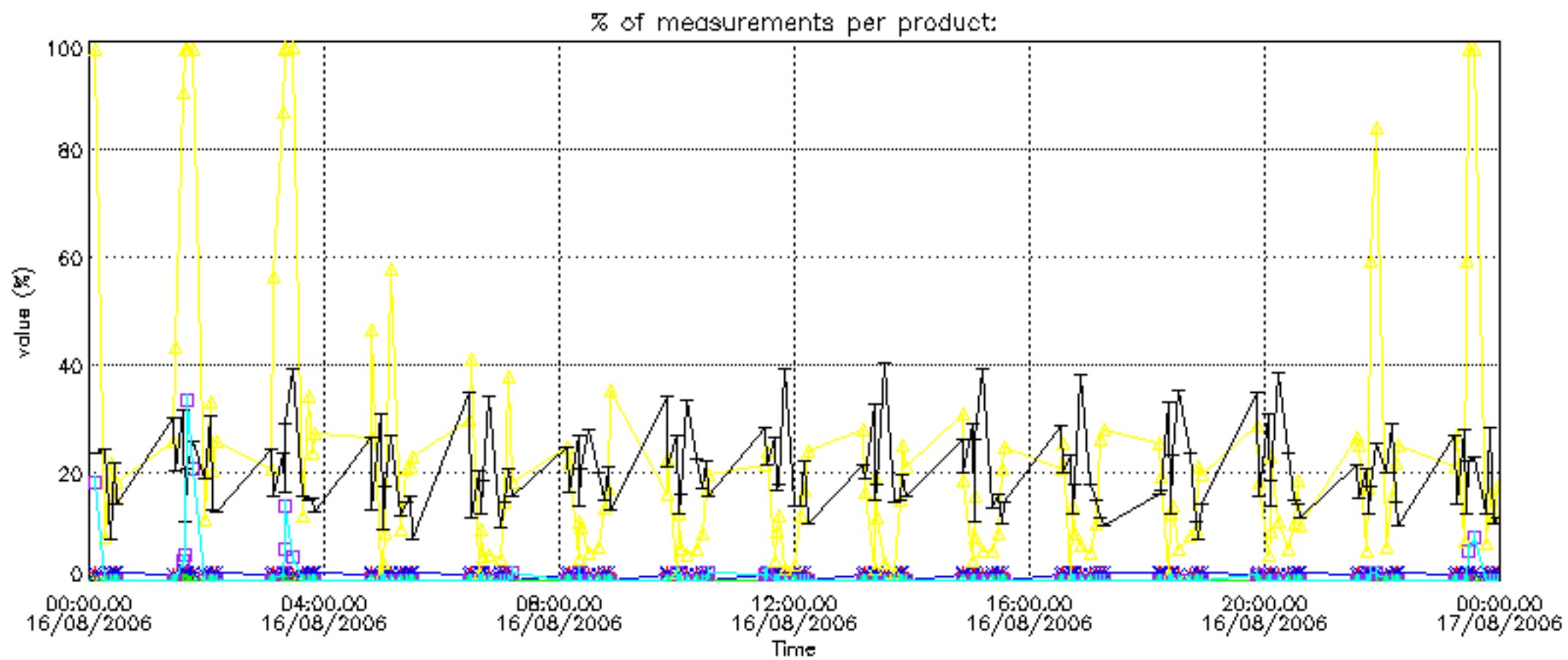


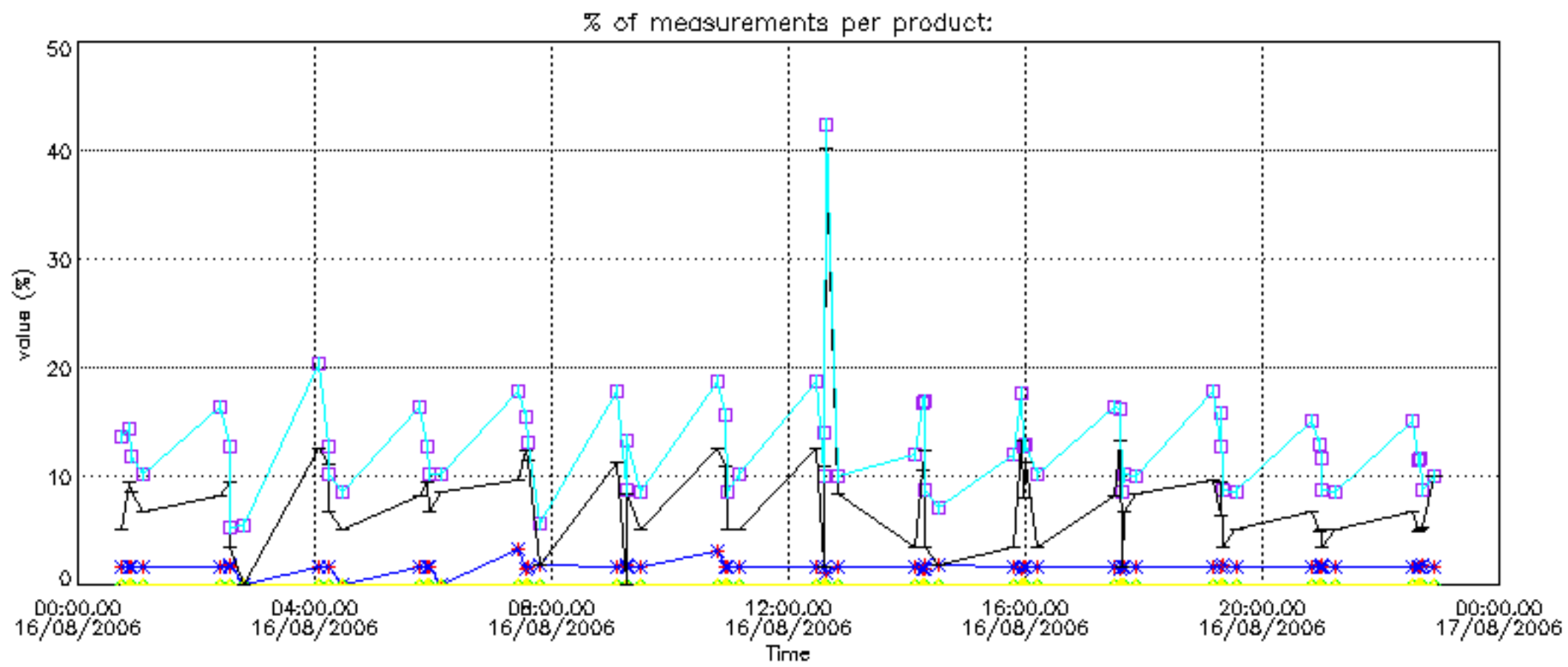
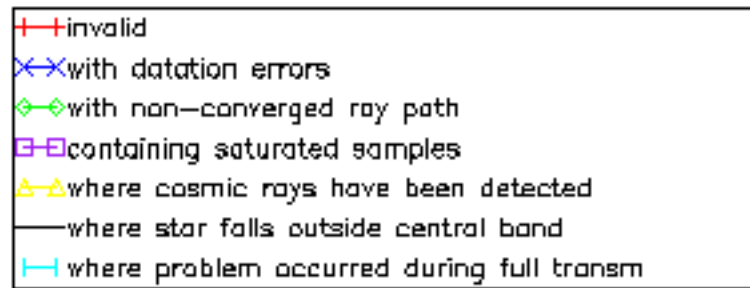
Percentage of flagged data per NO2 profile



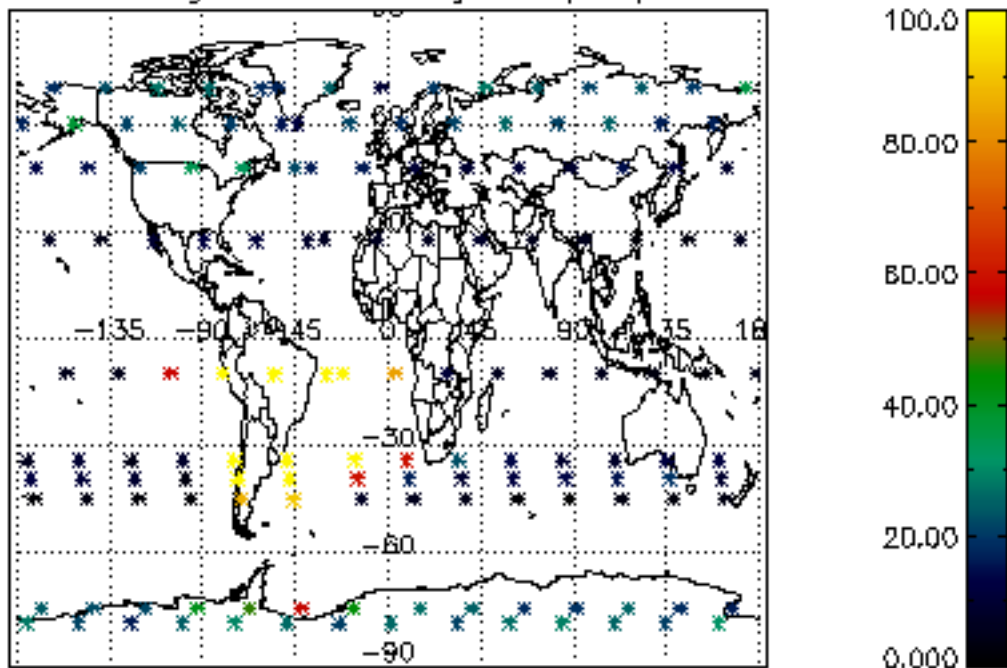
Percentage of flagged data per NO3 profile



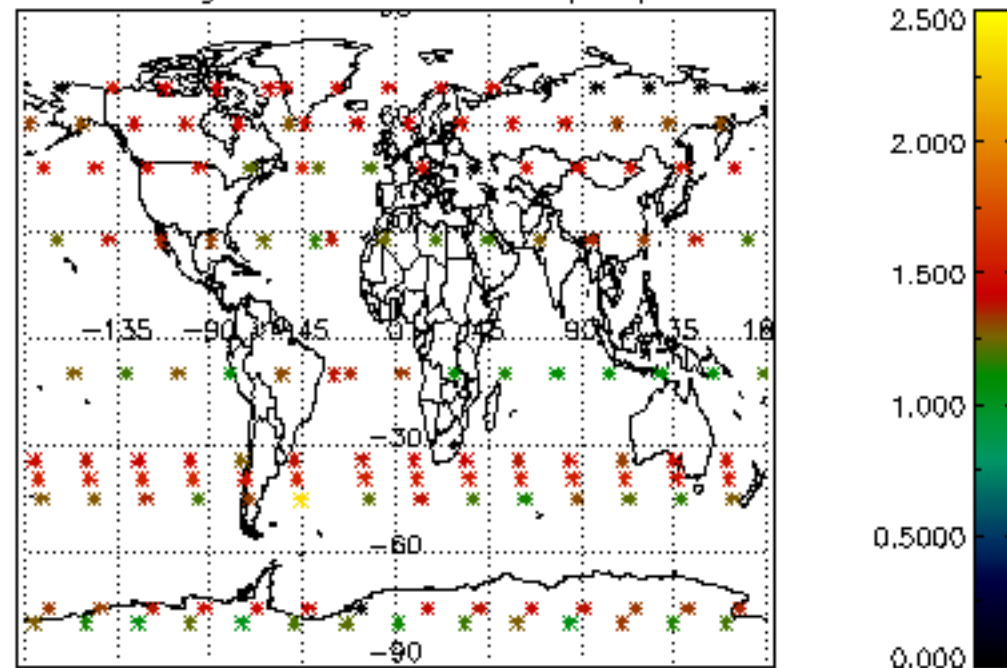




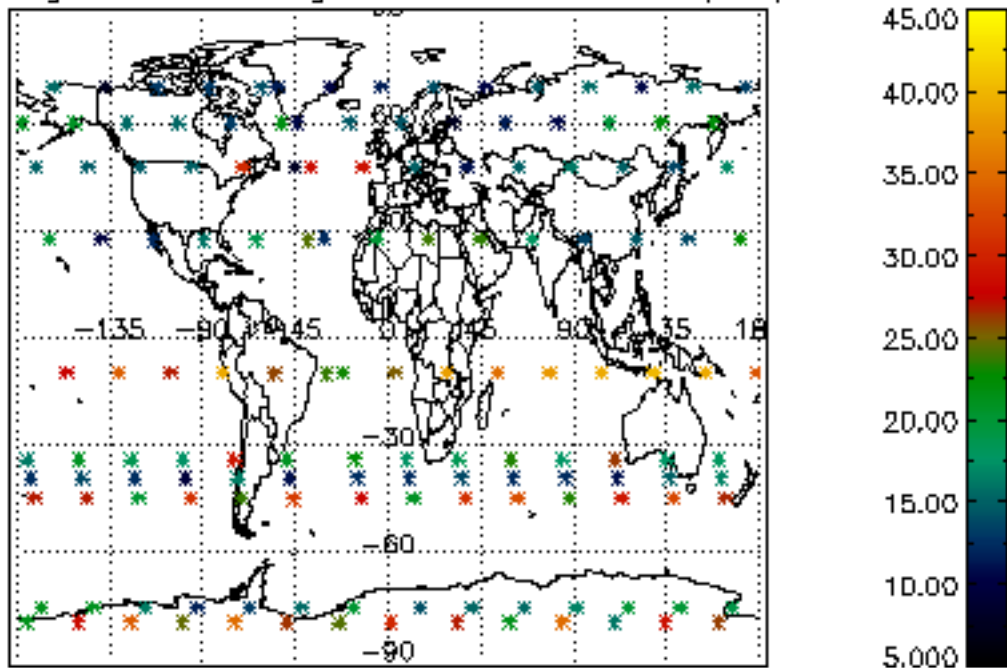
Percentage of cosmic ray hits per profile



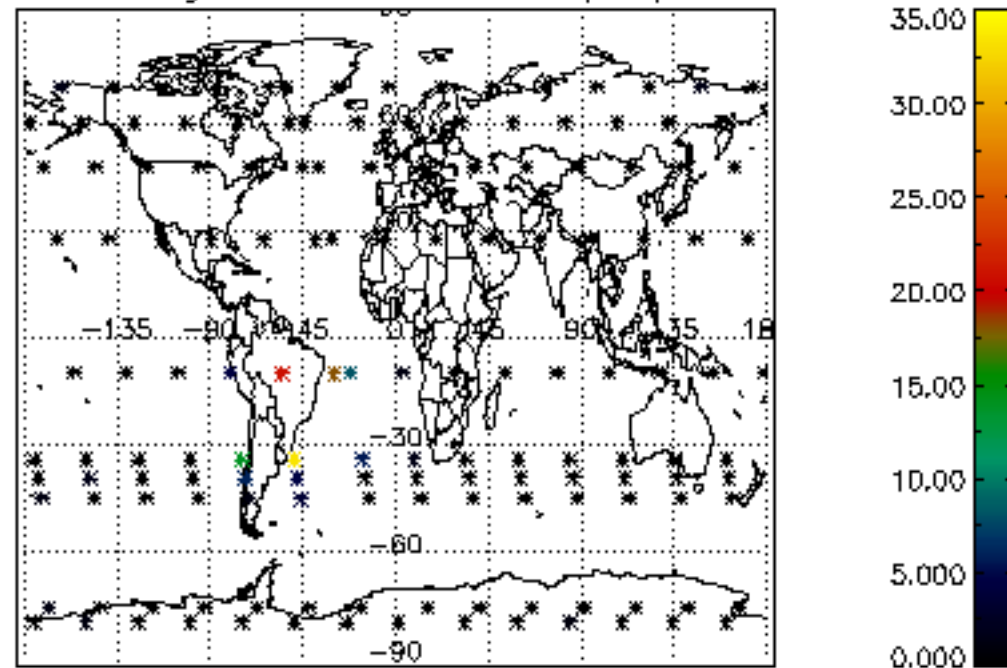
Percentage of datation errors per profile



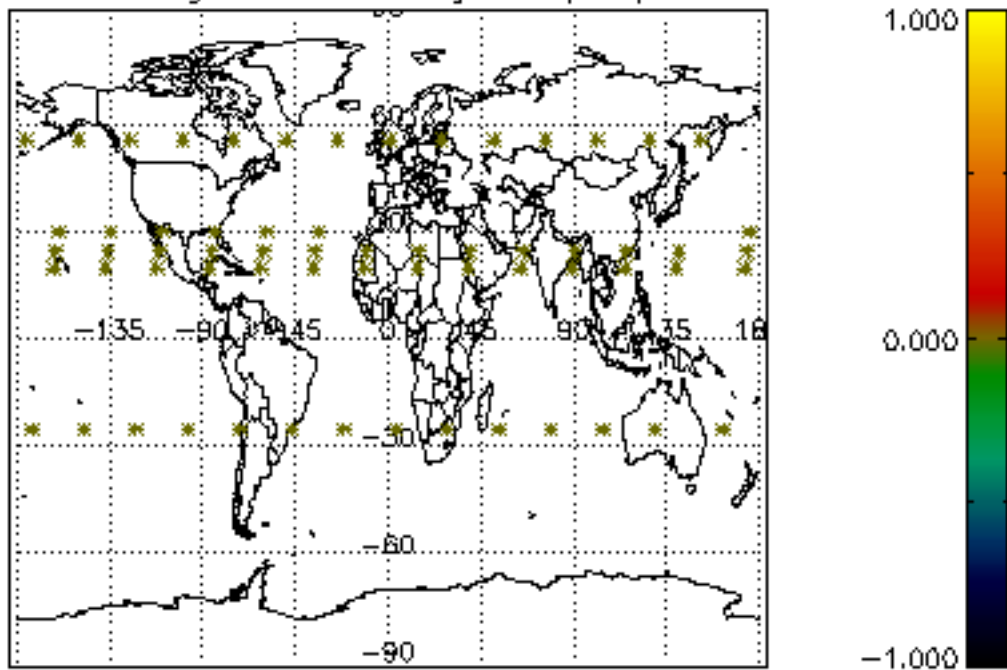
Percentage of star falling outside central band per profile



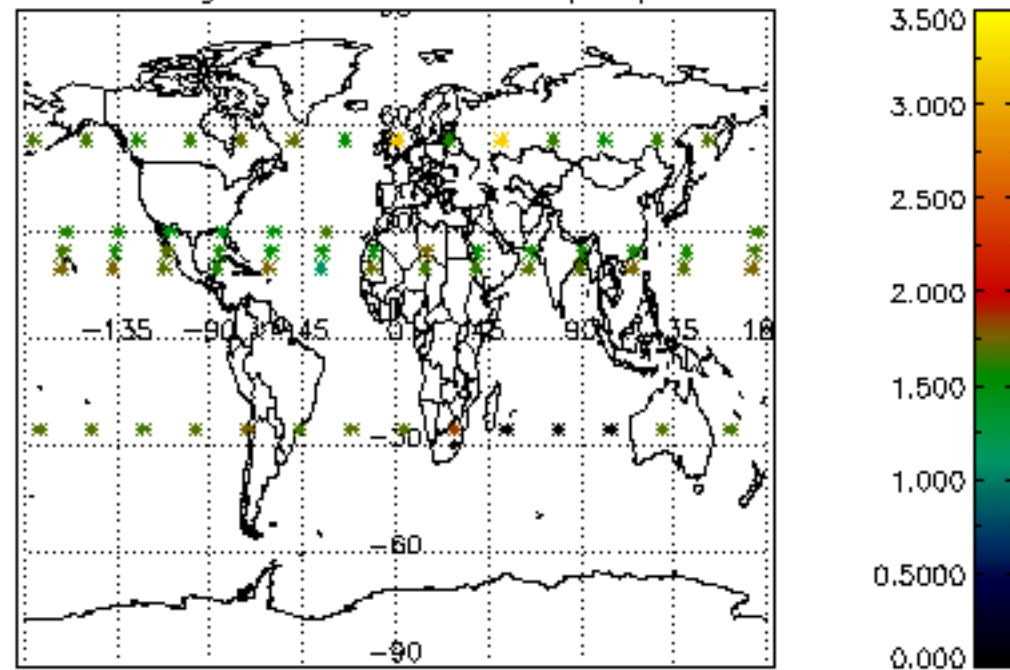
Percentage of saturation errors per profile



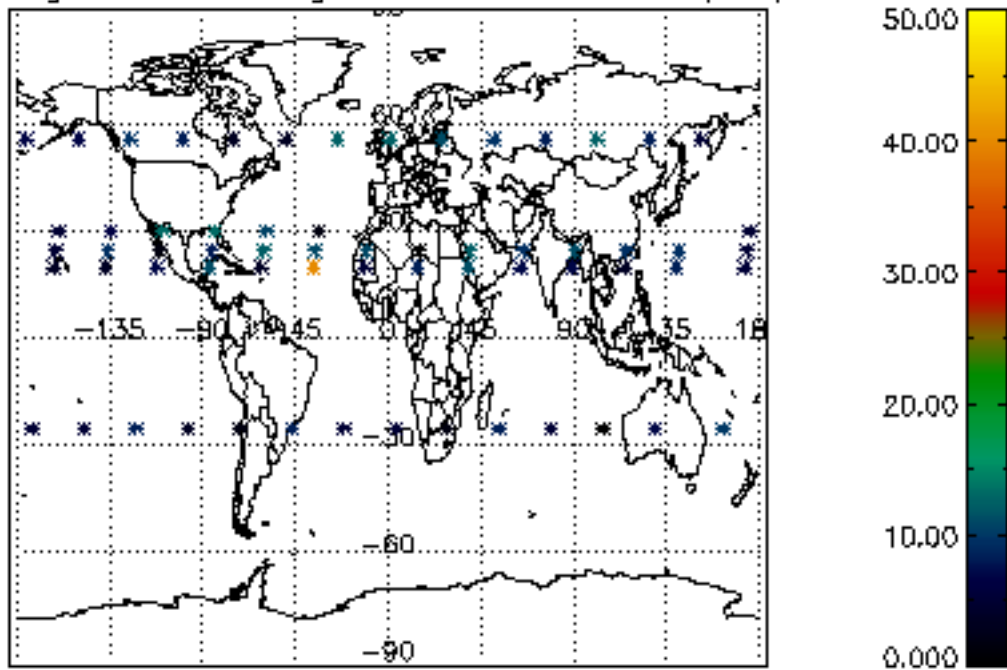
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

