

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 10:22:58
Data source version	GOMOS/6.01
Start time of products	08-08-2005 (08AUG2005 00:00:00)
Stop time of products	09-08-2005 (09AUG2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	130
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__2PRFIN20050808_001844_000000452039_00388_17977_5604.N1	08-AUG-2005 00:18:44	Dark	45.000	1	9Alp CMa	-1.4400	11000.	90	17977	No
2	GOM_NL__2PRFIN20050808_002031_000000402039_00388_17977_5605.N1	08-AUG-2005 00:20:31	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	17977	No
3	GOM_NL__2PRFIN20050808_002158_000000392039_00388_17977_5606.N1	08-AUG-2005 00:21:58	Dark	38.500	23	21Eps CMa	1.5020	26000.	77	17977	No
4	GOM_NL__2PRFIN20050808_002845_000000432039_00388_17977_5607.N1	08-AUG-2005 00:28:45	Dark	43.000	2	Alp Car	-0.73600	7000.0	86	17977	No
5	GOM_NL__2PRFIN20050808_041703_000000432039_00391_17980_5598.N1	08-AUG-2005 04:17:03	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	17980	No
6	GOM_NL__2PRFIN20050808_041926_000000372039_00391_17980_5599.N1	08-AUG-2005 04:19:26	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	17980	No
7	GOM_NL__2PRFIN20050808_044828_000000362039_00391_17980_5600.N1	08-AUG-2005 04:48:28	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	17980	No
8	GOM_NL__2PRFIN20050808_054925_000000372039_00392_17981_5599.N1	08-AUG-2005 05:49:25	Straylight	37.000	45	Alp Pav	1.9400	26000.	74	17981	No
9	GOM_NL__2PRFIN20050808_055740_000000412039_00392_17981_5600.N1	08-AUG-2005 05:57:40	Bright	40.500	103	38Zet Sgr	2.6000	9700.0	81	17981	No
10	GOM_NL__2PRFIN20050808_060003_000000362039_00392_17981_5601.N1	08-AUG-2005 06:00:03	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	17981	No
11	GOM_NL__2PRFIN20050808_060806_000000392039_00392_17981_5602.N1	08-AUG-2005 06:08:06	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	17981	No
12	GOM_NL__2PRFIN20050808_060944_000000362039_00392_17981_5603.N1	08-AUG-2005 06:09:44	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	17981	No
13	GOM_NL__2PRFIN20050808_061652_000000392039_00392_17981_5604.N1	08-AUG-2005 06:16:52	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	17981	No
14	GOM_NL__2PRFIN20050808_063109_000000362039_00392_17981_5605.N1	08-AUG-2005 06:31:09	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	17981	No
15	GOM_NL__2PRFIN20050808_065032_000000492039_00392_17981_5606.N1	08-AUG-2005 06:50:32	Bright	49.000	151	13Mu Gem	2.8900	3000.0	98	17981	No
16	GOM_NL__2PRFIN20050808_070255_000000382039_00392_17981_5607.N1	08-AUG-2005 07:02:55	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	17981	No
17	GOM_NL__2PRFIN20050808_070422_000000412039_00392_17981_5608.N1	08-AUG-2005 07:04:22	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	17981	No
18	GOM_NL__2PRFIN20050808_071110_000000512039_00392_17981_5609.N1	08-AUG-2005 07:11:10	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	17981	No
19	GOM_NL__2PRFIN20050808_074842_000000372039_00393_17982_5600.N1	08-AUG-2005 07:48:42	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	17982	No
20	GOM_NL__2PRFIN20050808_075020_000000362039_00393_17982_5601.N1	08-AUG-2005 07:50:20	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	17982	No
21	GOM_NL__2PRFIN20050808_075728_000000392039_00393_17982_5602.N1	08-AUG-2005 07:57:28	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	17982	No
22	GOM_NL__2PRFIN20050808_075904_000000362039_00393_17982_5603.N1	08-AUG-2005 07:59:04	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	17982	No
23	GOM_NL__2PRFIN20050808_080124_000000382039_00393_17982_5604.N1	08-AUG-2005 08:01:24	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	17982	No
24	GOM_NL__2PRFIN20050808_080540_000000372039_00393_17982_5605.N1	08-AUG-2005 08:05:40	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	17982	No
25	GOM_NL__2PRFIN20050808_080941_000000352039_00393_17982_5606.N1	08-AUG-2005 08:09:41	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	17982	No
26	GOM_NL__2PRFIN20050808_081145_000000332039_00393_17982_5607.N1	08-AUG-2005 08:11:45	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	17982	No
27	GOM_NL__2PRFIN20050808_083108_000000512039_00393_17982_5608.N1	08-AUG-2005 08:31:08	Bright	51.000	151	13Mu Gem	2.8900	3000.0	102	17982	No
28	GOM_NL__2PRFIN20050808_084145_000000442039_00393_17982_5609.N1	08-AUG-2005 08:41:45	Dark	43.500	1	9Alp CMa	-1.4400	11000.	87	17982	No
29	GOM_NL__2PRFIN20050808_084331_000000382039_00393_17982_5610.N1	08-AUG-2005 08:43:31	Dark	37.500	179	24Omi2CMa	3.0320	24000.	75	17982	No
30	GOM_NL__2PRFIN20050808_084458_000000392039_00393_17982_5611.N1	08-AUG-2005 08:44:58	Dark	38.500	23	21Eps CMa	1.5020	26000.	77	17982	No
31	GOM_NL__2PRFIN20050808_085146_000000462039_00393_17982_5612.N1	08-AUG-2005 08:51:46	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	17982	No
32	GOM_NL__2PRFIN20050808_090033_000000392039_00394_17983_5621.N1	08-AUG-2005 09:00:33	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	17983	No
33	GOM_NL__2PRFIN20050808_090233_000000382039_00394_17983_5622.N1	08-AUG-2005 09:02:33	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	17983	No
34	GOM_NL__2PRFIN20050808_090742_000000412039_00394_17983_5623.N1	08-AUG-2005 09:07:42	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	17983	No
35	GOM_NL__2PRFIN20050808_091037_000000402039_00394_17983_5624.N1	08-AUG-2005 09:10:37	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	17983	No
36	GOM_NL__2PRFIN20050808_091852_000000402039_00394_17983_5625.N1	08-AUG-2005 09:18:52	Bright	39.500	103	38Zet Sgr	2.6000	9700.0	79	17983	No
37	GOM_NL__2PRFIN20050808_092115_000000362039_00394_17983_5626.N1	08-AUG-2005 09:21:15	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	17983	No
38	GOM_NL__2PRFIN20050808_092918_000000372039_00394_17983_5627.N1	08-AUG-2005 09:29:18	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	17983	No
39	GOM_NL__2PRFIN20050808_093056_000000352039_00394_17983_5628.N1	08-AUG-2005 09:30:56	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	17983	No
40	GOM_NL__2PRFIN20050808_093804_000000352039_00394_17983_5629.N1	08-AUG-2005 09:38:04	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	17983	No
41	GOM_NL__2PRFIN20050808_093940_000000372039_00394_17983_5630.N1	08-AUG-2005 09:39:40	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	17983	No
42	GOM_NL__2PRFIN20050808_094200_000000392039_00394_17983_5631.N1	08-AUG-2005 09:42:00	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	17983	No

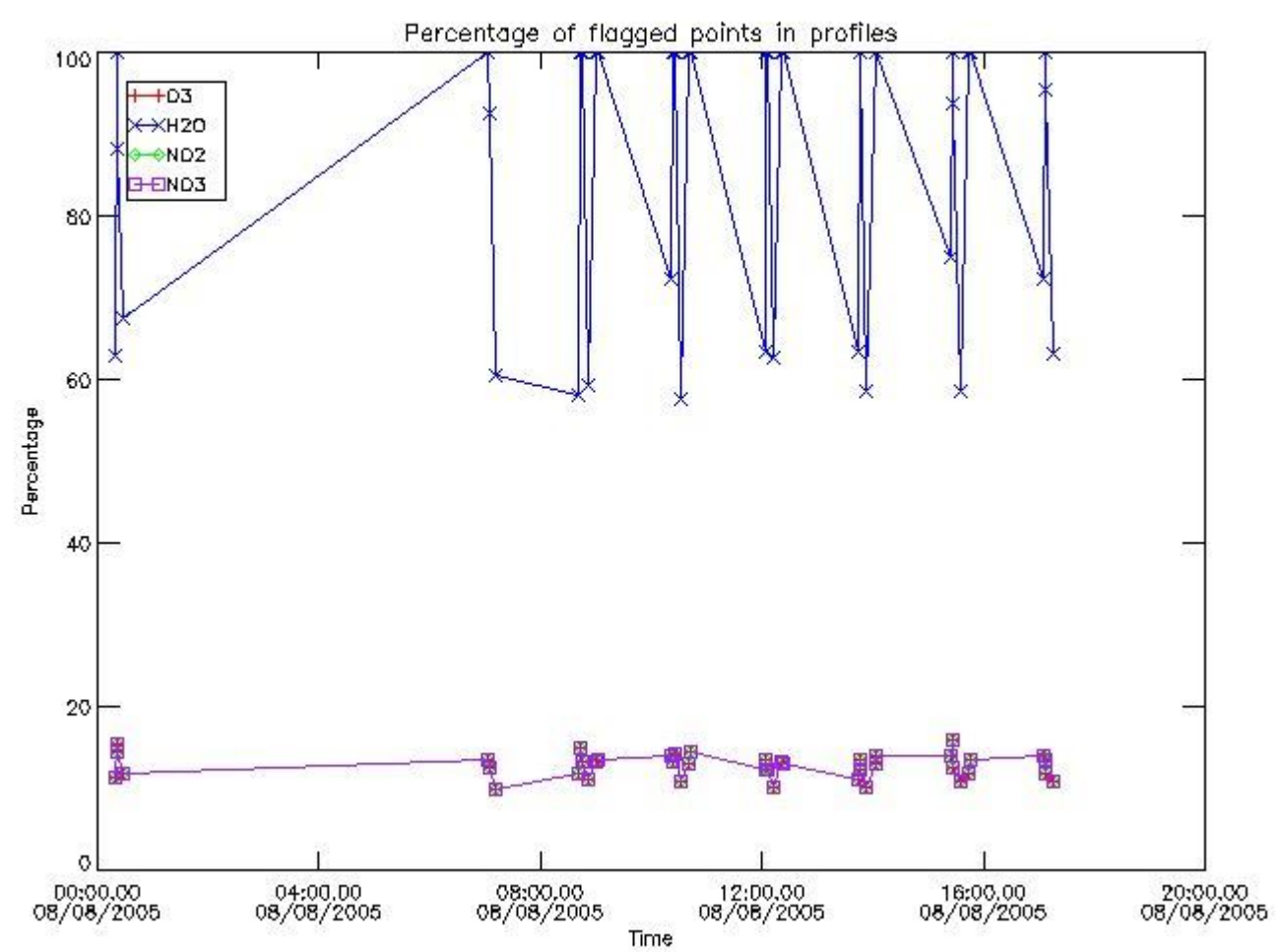
43	GOM_NL__2PRFIN20050808_094617_000000342039_00394_17983_5632.N1	08-AUG-2005 09:46:17	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	17983	No
44	GOM_NL__2PRFIN20050808_095017_000000352039_00394_17983_5633.N1	08-AUG-2005 09:50:17	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	17983	No
45	GOM_NL__2PRFIN20050808_095221_000000362039_00394_17983_5634.N1	08-AUG-2005 09:52:21	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	17983	No
46	GOM_NL__2PRFIN20050808_101144_000000392039_00394_17983_5635.N1	08-AUG-2005 10:11:44	Bright	38.500	151	13Mu Gem	2.8900	3000.0	77	17983	No
47	GOM_NL__2PRFIN20050808_102221_000000372039_00394_17983_5636.N1	08-AUG-2005 10:22:21	Dark	36.500	1	9Alp CMa	-1.4400	11000.	73	17983	No
48	GOM_NL__2PRFIN20050808_102407_000000392039_00394_17983_5637.N1	08-AUG-2005 10:24:07	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	17983	No
49	GOM_NL__2PRFIN20050808_102534_000000402039_00394_17983_5638.N1	08-AUG-2005 10:25:34	Dark	39.500	23	21Eps CMa	1.5020	26000.	79	17983	No
50	GOM_NL__2PRFIN20050808_103222_000000472039_00394_17983_5639.N1	08-AUG-2005 10:32:22	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	17983	No
51	GOM_NL__2PRFIN20050808_104109_000000392039_00395_17984_5622.N1	08-AUG-2005 10:41:09	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	17984	No
52	GOM_NL__2PRFIN20050808_104309_000000392039_00395_17984_5623.N1	08-AUG-2005 10:43:09	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	17984	No
53	GOM_NL__2PRFIN20050808_104819_000000412039_00395_17984_5624.N1	08-AUG-2005 10:48:19	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	17984	No
54	GOM_NL__2PRFIN20050808_105113_000000442039_00395_17984_5625.N1	08-AUG-2005 10:51:13	Straylight	44.000	45	Alp Pav	1.9400	26000.	88	17984	No
55	GOM_NL__2PRFIN20050808_105928_000000382039_00395_17984_5626.N1	08-AUG-2005 10:59:28	Bright	37.500	103	38Zet Sgr	2.6000	9700.0	75	17984	No
56	GOM_NL__2PRFIN20050808_110151_000000372039_00395_17984_5627.N1	08-AUG-2005 11:01:51	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	17984	No
57	GOM_NL__2PRFIN20050808_110954_000000362039_00395_17984_5628.N1	08-AUG-2005 11:09:54	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	17984	No
58	GOM_NL__2PRFIN20050808_111132_000000342039_00395_17984_5629.N1	08-AUG-2005 11:11:32	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	17984	No
59	GOM_NL__2PRFIN20050808_111840_000000392039_00395_17984_5630.N1	08-AUG-2005 11:18:40	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	17984	No
60	GOM_NL__2PRFIN20050808_112016_000000362039_00395_17984_5631.N1	08-AUG-2005 11:20:16	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	17984	No
61	GOM_NL__2PRFIN20050808_112236_000000382039_00395_17984_5632.N1	08-AUG-2005 11:22:36	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	17984	No
62	GOM_NL__2PRFIN20050808_112653_000000372039_00395_17984_5633.N1	08-AUG-2005 11:26:53	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	17984	No
63	GOM_NL__2PRFIN20050808_113053_000000362039_00395_17984_5634.N1	08-AUG-2005 11:30:53	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	17984	No
64	GOM_NL__2PRFIN20050808_113256_000000372039_00395_17984_5635.N1	08-AUG-2005 11:32:56	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	17984	No
65	GOM_NL__2PRFIN20050808_115220_000000362039_00395_17984_5636.N1	08-AUG-2005 11:52:20	Bright	36.000	151	13Mu Gem	2.8900	3000.0	72	17984	No
66	GOM_NL__2PRFIN20050808_120257_000000422039_00395_17984_5637.N1	08-AUG-2005 12:02:57	Dark	41.500	1	9Alp CMa	-1.4400	11000.	83	17984	No
67	GOM_NL__2PRFIN20050808_120443_000000382039_00395_17984_5638.N1	08-AUG-2005 12:04:43	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	17984	No
68	GOM_NL__2PRFIN20050808_120610_000000422039_00395_17984_5639.N1	08-AUG-2005 12:06:10	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	17984	No
69	GOM_NL__2PRFIN20050808_121258_000000502039_00395_17984_5640.N1	08-AUG-2005 12:12:58	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	17984	No
70	GOM_NL__2PRFIN20050808_122145_000000392039_00396_17985_5623.N1	08-AUG-2005 12:21:45	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	17985	No
71	GOM_NL__2PRFIN20050808_122345_000000402039_00396_17985_5624.N1	08-AUG-2005 12:23:45	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	17985	No
72	GOM_NL__2PRFIN20050808_122855_000000432039_00396_17985_5625.N1	08-AUG-2005 12:28:55	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	17985	No
73	GOM_NL__2PRFIN20050808_123149_000000372039_00396_17985_5626.N1	08-AUG-2005 12:31:49	Straylight	37.000	45	Alp Pav	1.9400	26000.	74	17985	No
74	GOM_NL__2PRFIN20050808_124004_000000392039_00396_17985_5627.N1	08-AUG-2005 12:40:04	Bright	38.500	103	38Zet Sgr	2.6000	9700.0	77	17985	No
75	GOM_NL__2PRFIN20050808_124227_000000372039_00396_17985_5628.N1	08-AUG-2005 12:42:27	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	17985	No
76	GOM_NL__2PRFIN20050808_125030_000000372039_00396_17985_5629.N1	08-AUG-2005 12:50:30	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	17985	No
77	GOM_NL__2PRFIN20050808_125209_000000352039_00396_17985_5630.N1	08-AUG-2005 12:52:09	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	17985	No
78	GOM_NL__2PRFIN20050808_125916_000000402039_00396_17985_5631.N1	08-AUG-2005 12:59:16	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	17985	No
79	GOM_NL__2PRFIN20050808_130051_000000342039_00396_17985_5632.N1	08-AUG-2005 13:00:51	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	17985	No
80	GOM_NL__2PRFIN20050808_130313_000000362039_00396_17985_5633.N1	08-AUG-2005 13:03:13	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	17985	No
81	GOM_NL__2PRFIN20050808_130729_000000372039_00396_17985_5634.N1	08-AUG-2005 13:07:29	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	17985	No
82	GOM_NL__2PRFIN20050808_131129_000000342039_00396_17985_5635.N1	08-AUG-2005 13:11:29	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	17985	No
83	GOM_NL__2PRFIN20050808_131332_000000362039_00396_17985_5636.N1	08-AUG-2005 13:13:32	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	17985	No
84	GOM_NL__2PRFIN20050808_133256_000000432039_00396_17985_5637.N1	08-AUG-2005 13:32:56	Bright	42.500	151	13Mu Gem	2.8900	3000.0	85	17985	No
85	GOM_NL__2PRFIN20050808_134333_000000462039_00396_17985_5638.N1	08-AUG-2005 13:43:33	Dark	45.500	1	9Alp CMa	-1.4400	11000.	91	17985	No
86	GOM_NL__2PRFIN20050808_134519_000000382039_00396_17985_5639.N1	08-AUG-2005 13:45:19	Dark	37.500	179	24Omi2CMa	3.0320	24000.	75	17985	No
87	GOM_NL__2PRFIN20050808_134646_000000422039_00396_17985_5640.N1	08-AUG-2005 13:46:46	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	17985	No
88	GOM_NL__2PRFIN20050808_135334_000000502039_00396_17985_5641.N1	08-AUG-2005 13:53:34	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	17985	No
89	GOM_NL__2PRFIN20050808_140222_000000402039_00397_17986_5624.N1	08-AUG-2005 14:02:22	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	17986	No
90	GOM_NL__2PRFIN20050808_140422_000000372039_00397_17986_5625.N1	08-AUG-2005 14:04:22	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	17986	No
91	GOM_NL__2PRFIN20050808_140931_000000402039_00397_17986_5626.N1	08-AUG-2005 14:09:31	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	17986	No
92	GOM_NL__2PRFIN20050808_141225_000000432039_00397_17986_5627.N1	08-AUG-2005 14:12:25	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	17986	No
93	GOM_NL__2PRFIN20050808_142040_000000452039_00397_17986_5628.N1	08-AUG-2005 14:20:40	Bright	44.500	103	38Zet Sgr	2.6000	9700.0	89	17986	No
94	GOM_NL__2PRFIN20050808_142303_000000382039_00397_17986_5629.N1	08-AUG-2005 14:23:03	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	17986	No
95	GOM_NL__2PRFIN20050808_143106_000000362039_00397_17986_5630.N1	08-AUG-2005 14:31:06	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	17986	No
96	GOM_NL__2PRFIN20050808_143244_000000342039_00397_17986_5631.N1	08-AUG-2005 14:32:44	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	17986	No
97	GOM_NL__2PRFIN20050808_143952_000000392039_00397_17986_5632.N1	08-AUG-2005 14:39:52	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	17986	No
98	GOM_NL__2PRFIN20050808_144127_000000362039_00397_17986_5633.N1	08-AUG-2005 14:41:27	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	17986	No
99	GOM_NL__2PRFIN20050808_144349_000000392039_00397_17986_5634.N1	08-AUG-2005 14:43:49	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	17986	No
100	GOM_NL__2PRFIN20050808_144806_000000352039_00397_17986_5635.N1	08-AUG-2005 14:48:06	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	17986	No
101	GOM_NL__2PRFIN20050808_145206_000000342039_00397_17986_5636.N1	08-AUG-2005 14:52:06	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	17986	No

102	GOM_NL__2PRFIN20050808_145408_000000342039_00397_17986_5637.N1	08-AUG-2005 14:54:08	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	17986	No
103	GOM_NL__2PRFIN20050808_151333_000000462039_00397_17986_5638.N1	08-AUG-2005 15:13:33	Bright	46.000	151	13Mu Gem	2.8900	3000.0	92	17986	No
104	GOM_NL__2PRFIN20050808_152409_000000372039_00397_17986_5639.N1	08-AUG-2005 15:24:09	Dark	36.500	1	9Alp CMa	-1.4400	11000.	73	17986	No
105	GOM_NL__2PRFIN20050808_152555_000000362039_00397_17986_5640.N1	08-AUG-2005 15:25:55	Dark	35.500	179	24Omi2CMa	3.0320	24000.	71	17986	No
106	GOM_NL__2PRFIN20050808_152723_000000412039_00397_17986_5641.N1	08-AUG-2005 15:27:23	Dark	40.500	23	21Eps CMa	1.5020	26000.	81	17986	No
107	GOM_NL__2PRFIN20050808_153410_000000482039_00397_17986_5642.N1	08-AUG-2005 15:34:10	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	17986	No
108	GOM_NL__2PRFIN20050808_154258_000000432039_00398_17987_5625.N1	08-AUG-2005 15:42:58	Dark	43.000	143	Alp Hyi	2.8570	7200.0	86	17987	No
109	GOM_NL__2PRFIN20050808_154458_000000382039_00398_17987_5626.N1	08-AUG-2005 15:44:58	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	17987	No
110	GOM_NL__2PRFIN20050808_155008_000000412039_00398_17987_5627.N1	08-AUG-2005 15:50:08	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	17987	No
111	GOM_NL__2PRFIN20050808_155301_000000382039_00398_17987_5628.N1	08-AUG-2005 15:53:01	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	17987	No
112	GOM_NL__2PRFIN20050808_160116_000000432039_00398_17987_5629.N1	08-AUG-2005 16:01:16	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	17987	No
113	GOM_NL__2PRFIN20050808_160339_000000362039_00398_17987_5630.N1	08-AUG-2005 16:03:39	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	17987	No
114	GOM_NL__2PRFIN20050808_161142_000000382039_00398_17987_5631.N1	08-AUG-2005 16:11:42	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	17987	No
115	GOM_NL__2PRFIN20050808_161321_000000352039_00398_17987_5632.N1	08-AUG-2005 16:13:21	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	17987	No
116	GOM_NL__2PRFIN20050808_162028_000000382039_00398_17987_5633.N1	08-AUG-2005 16:20:28	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	17987	No
117	GOM_NL__2PRFIN20050808_162203_000000362039_00398_17987_5634.N1	08-AUG-2005 16:22:03	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	17987	No
118	GOM_NL__2PRFIN20050808_162425_000000382039_00398_17987_5635.N1	08-AUG-2005 16:24:25	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	17987	No
119	GOM_NL__2PRFIN20050808_162842_000000382039_00398_17987_5636.N1	08-AUG-2005 16:28:42	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	17987	No
120	GOM_NL__2PRFIN20050808_163242_000000362039_00398_17987_5637.N1	08-AUG-2005 16:32:42	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	17987	No
121	GOM_NL__2PRFIN20050808_163444_000000362039_00398_17987_5638.N1	08-AUG-2005 16:34:44	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	17987	No
122	GOM_NL__2PRFIN20050808_165409_000000422039_00398_17987_5639.N1	08-AUG-2005 16:54:09	Bright	41.500	151	13Mu Gem	2.8900	3000.0	83	17987	No
123	GOM_NL__2PRFIN20050808_170445_000000372039_00398_17987_5640.N1	08-AUG-2005 17:04:45	Dark	36.500	1	9Alp CMa	-1.4400	11000.	73	17987	No
124	GOM_NL__2PRFIN20050808_170631_000000382039_00398_17987_5641.N1	08-AUG-2005 17:06:31	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	17987	No
125	GOM_NL__2PRFIN20050808_170759_000000442039_00398_17987_5642.N1	08-AUG-2005 17:07:59	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	17987	No
126	GOM_NL__2PRFIN20050808_171446_000000462039_00398_17987_5643.N1	08-AUG-2005 17:14:46	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	17987	No
127	GOM_NL__2PRFIN20050808_174152_000000382039_00399_17988_5626.N1	08-AUG-2005 17:41:52	Bright	38.000	103	38Zet Sgr	2.6000	9700.0	76	17988	No
128	GOM_NL__2PRFIN20050808_174415_000000372039_00399_17988_5627.N1	08-AUG-2005 17:44:15	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	17988	No
129	GOM_NL__2PRFIN20050808_175218_000000372039_00399_17988_5628.N1	08-AUG-2005 17:52:18	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	17988	No
130	GOM_NL__2PRFIN20050808_175357_000000362039_00399_17988_5629.N1	08-AUG-2005 17:53:57	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	17988	No

3. Quality information per product

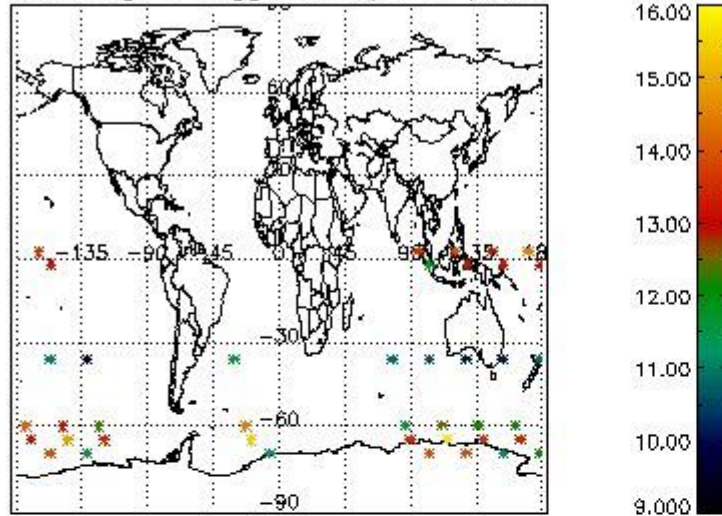
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

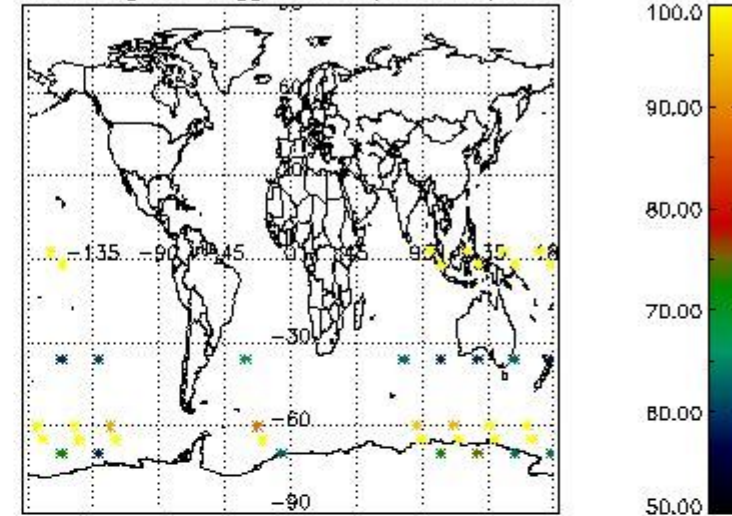


3.2 Plot quality information per product (world map)

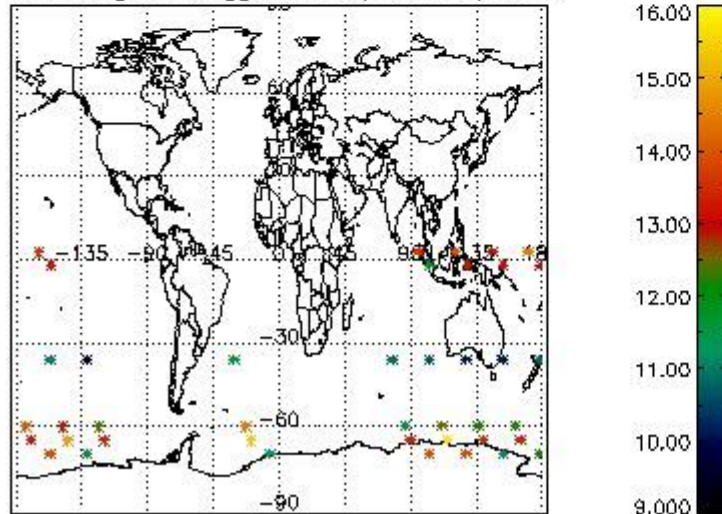
Percentage of flagged data per O3 profile



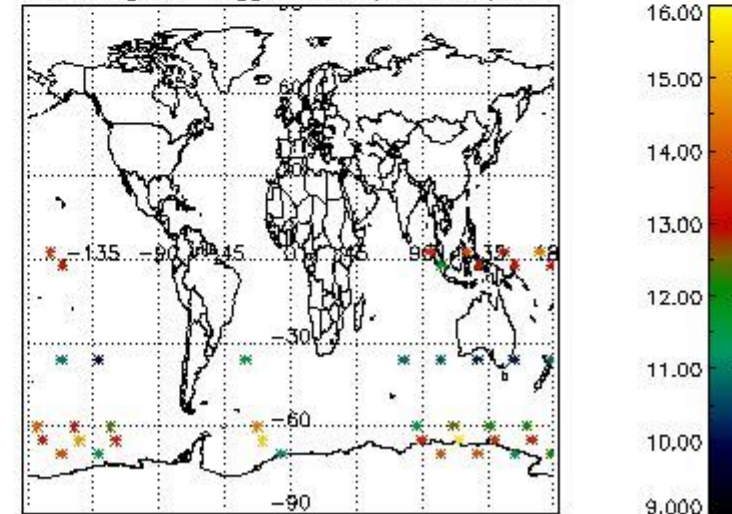
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

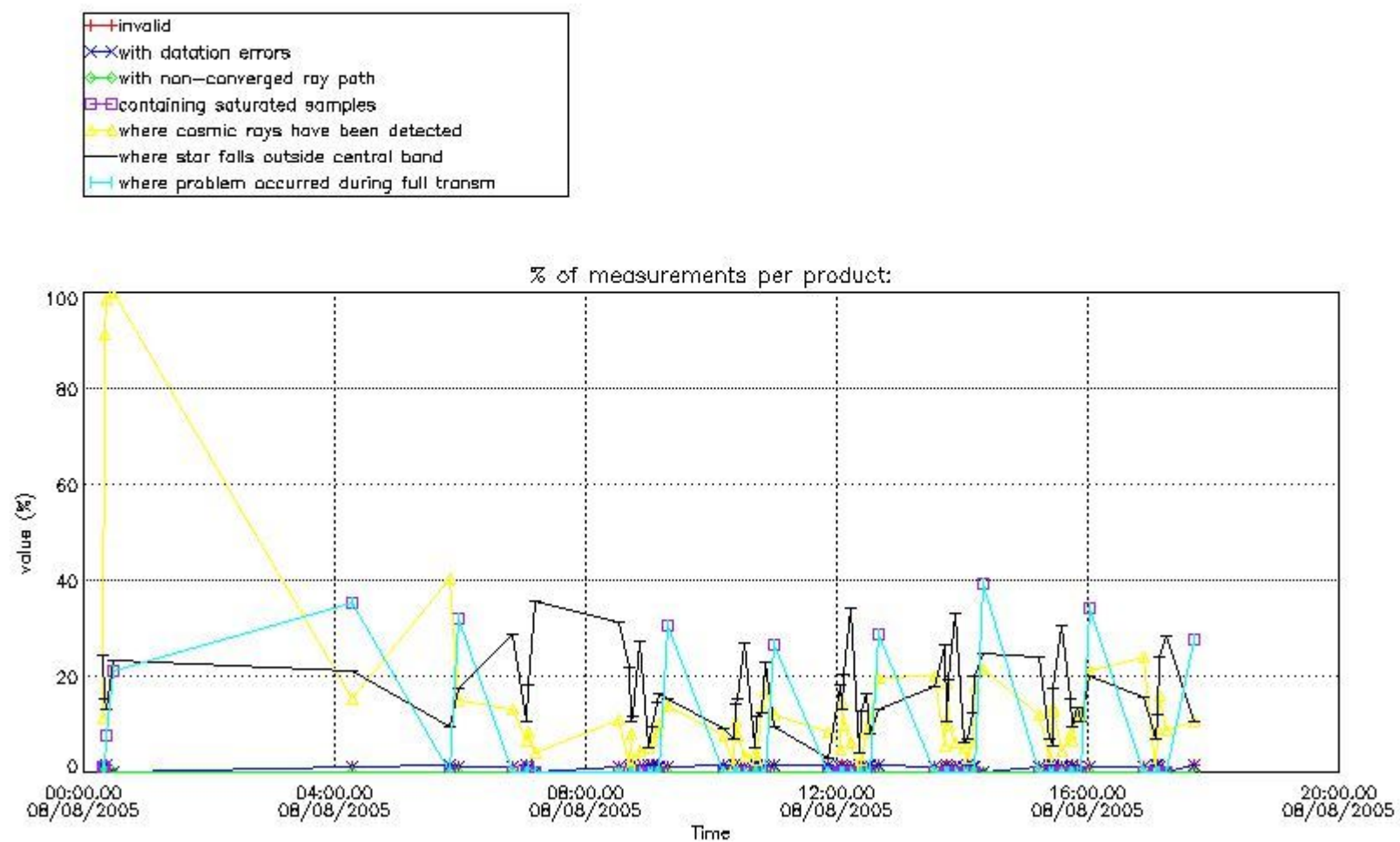


4. Level 1 quality information per product

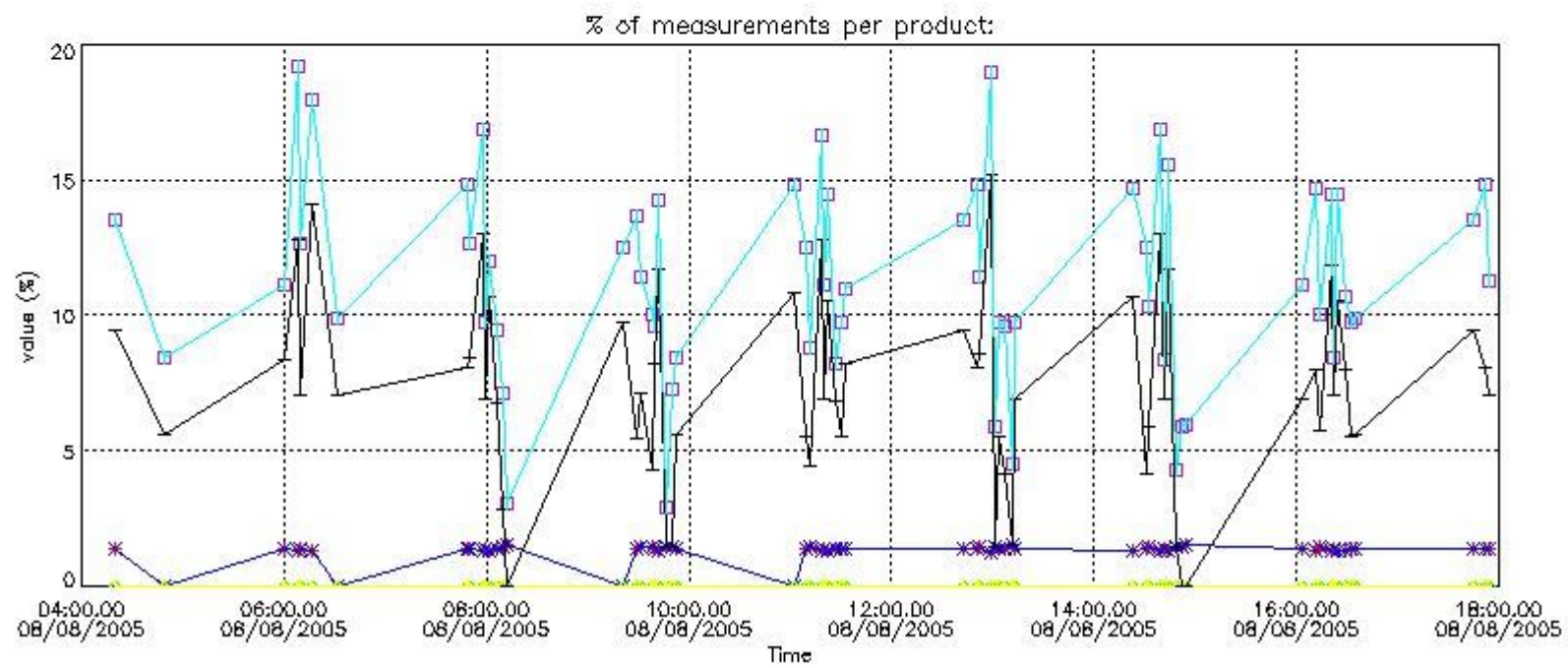
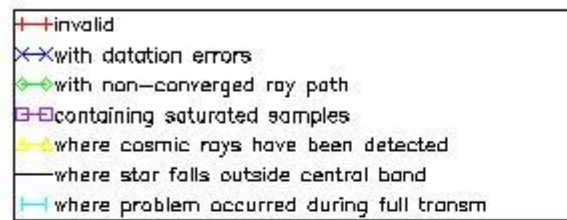
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



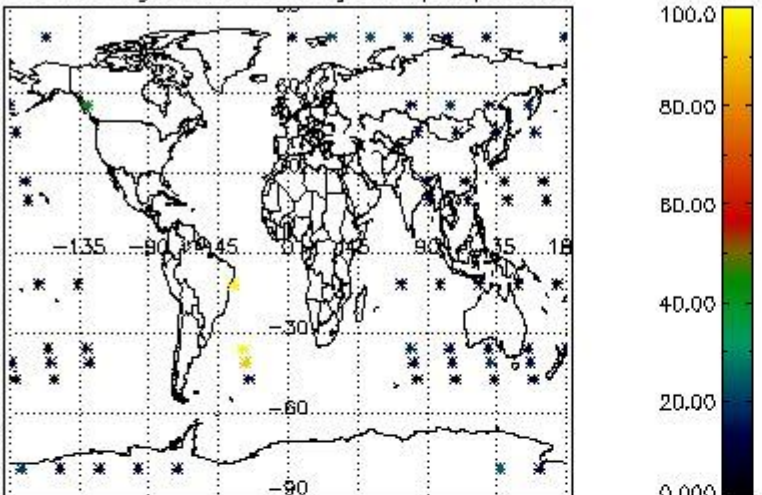
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



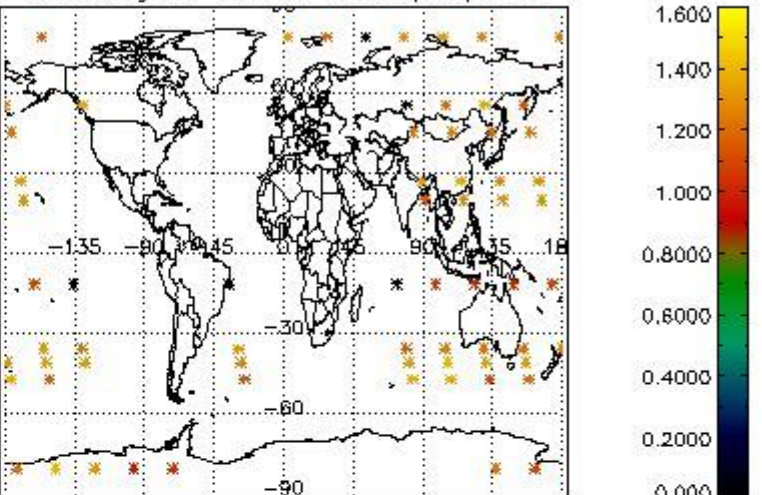
4.2 Plot quality information per product coming from level 1b processing (world map)

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

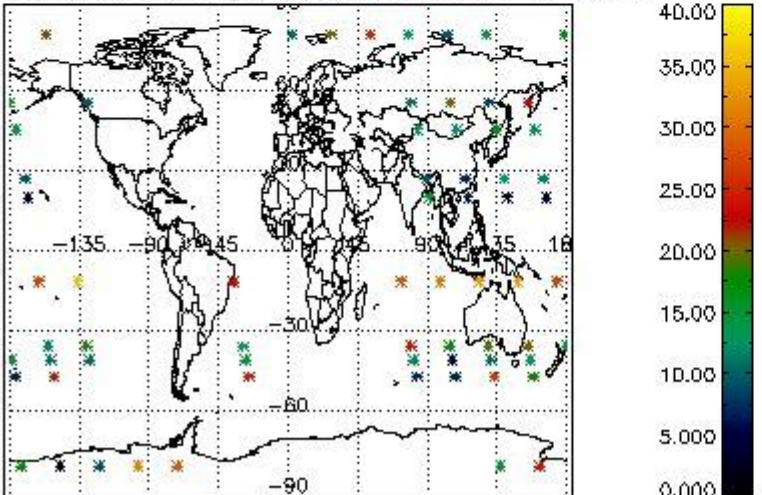
Percentage of cosmic ray hits per profile



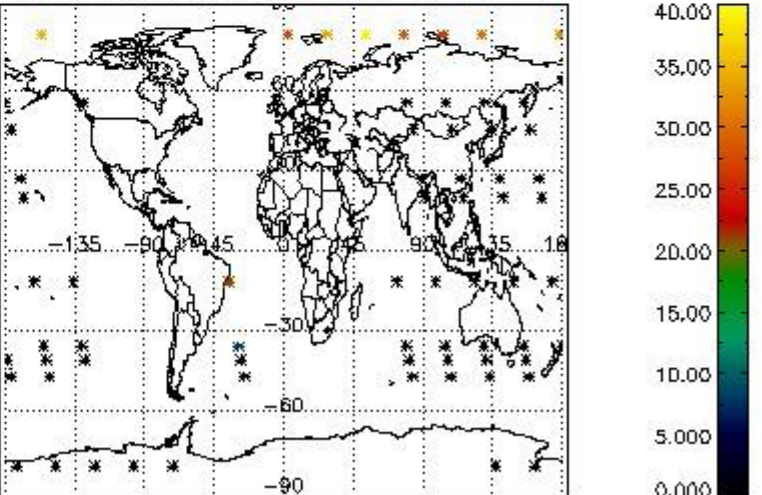
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

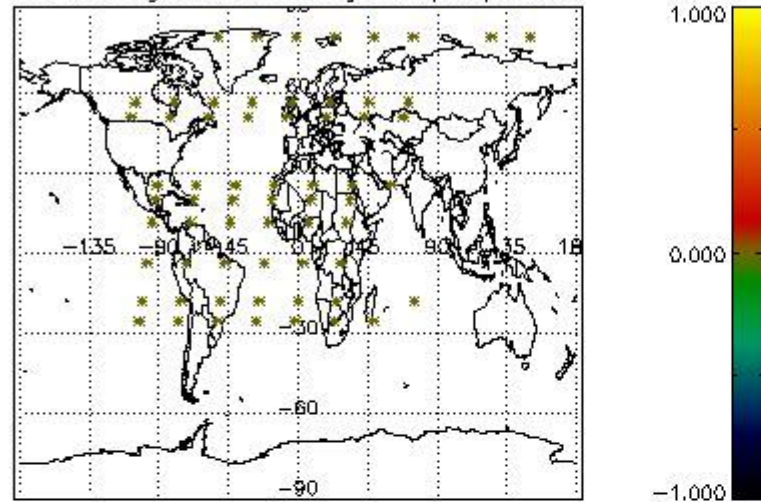


Percentage of saturation errors per profile

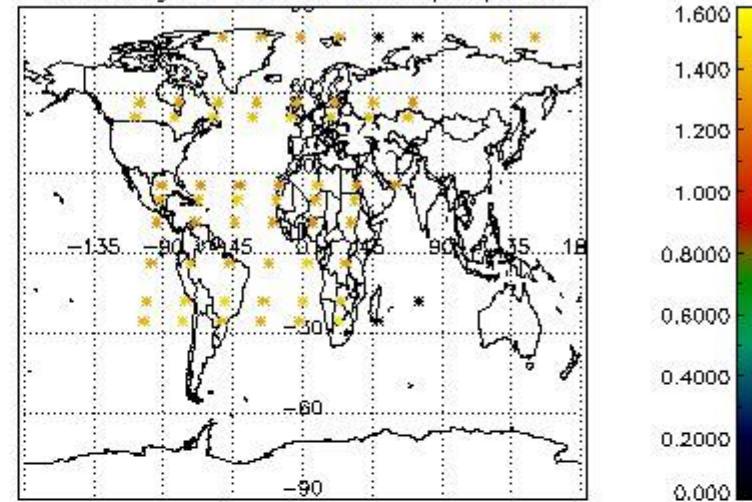


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

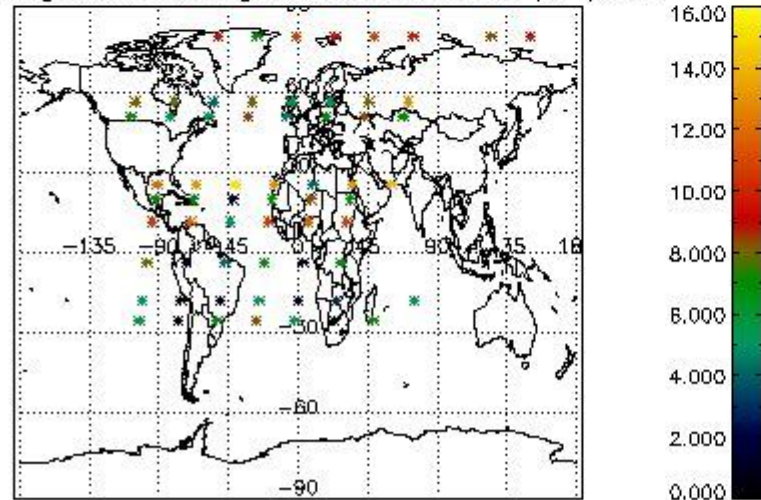
Percentage of cosmic ray hits per profile



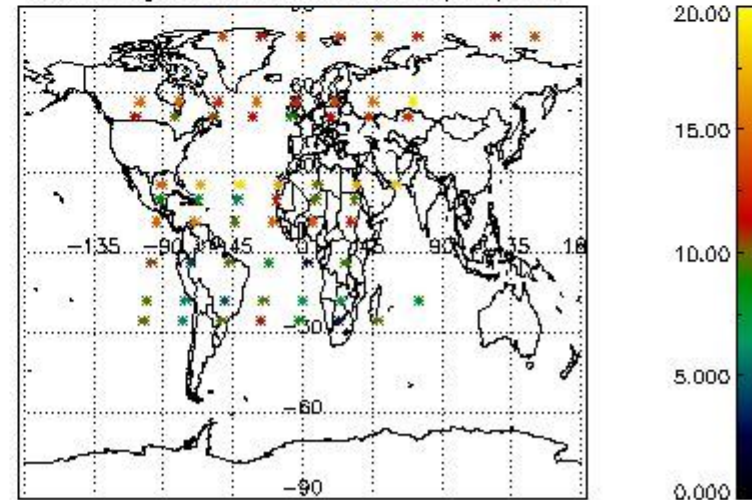
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

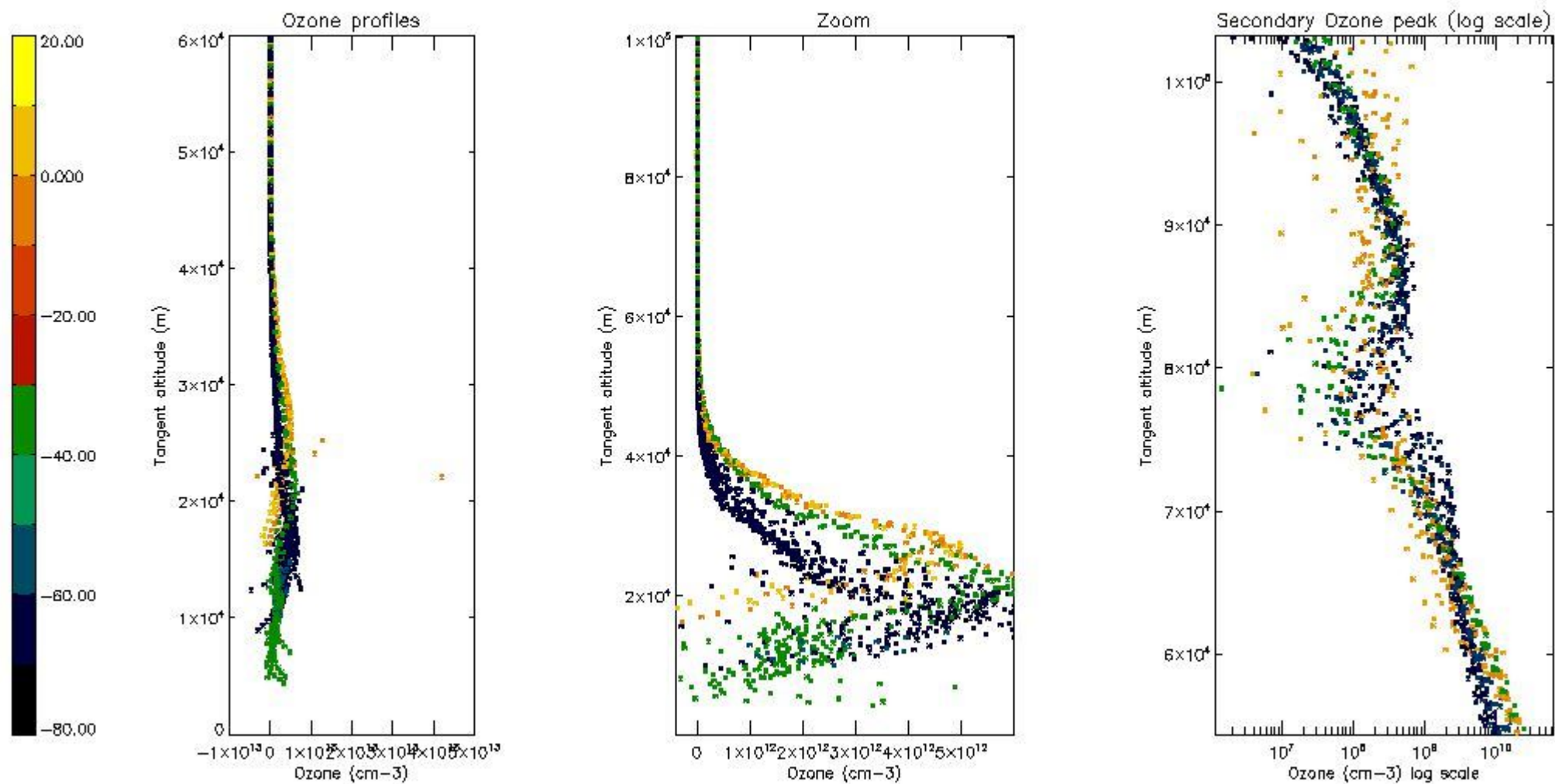
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	35
STD < 20	24

STD < 10	20
STD < 5	14

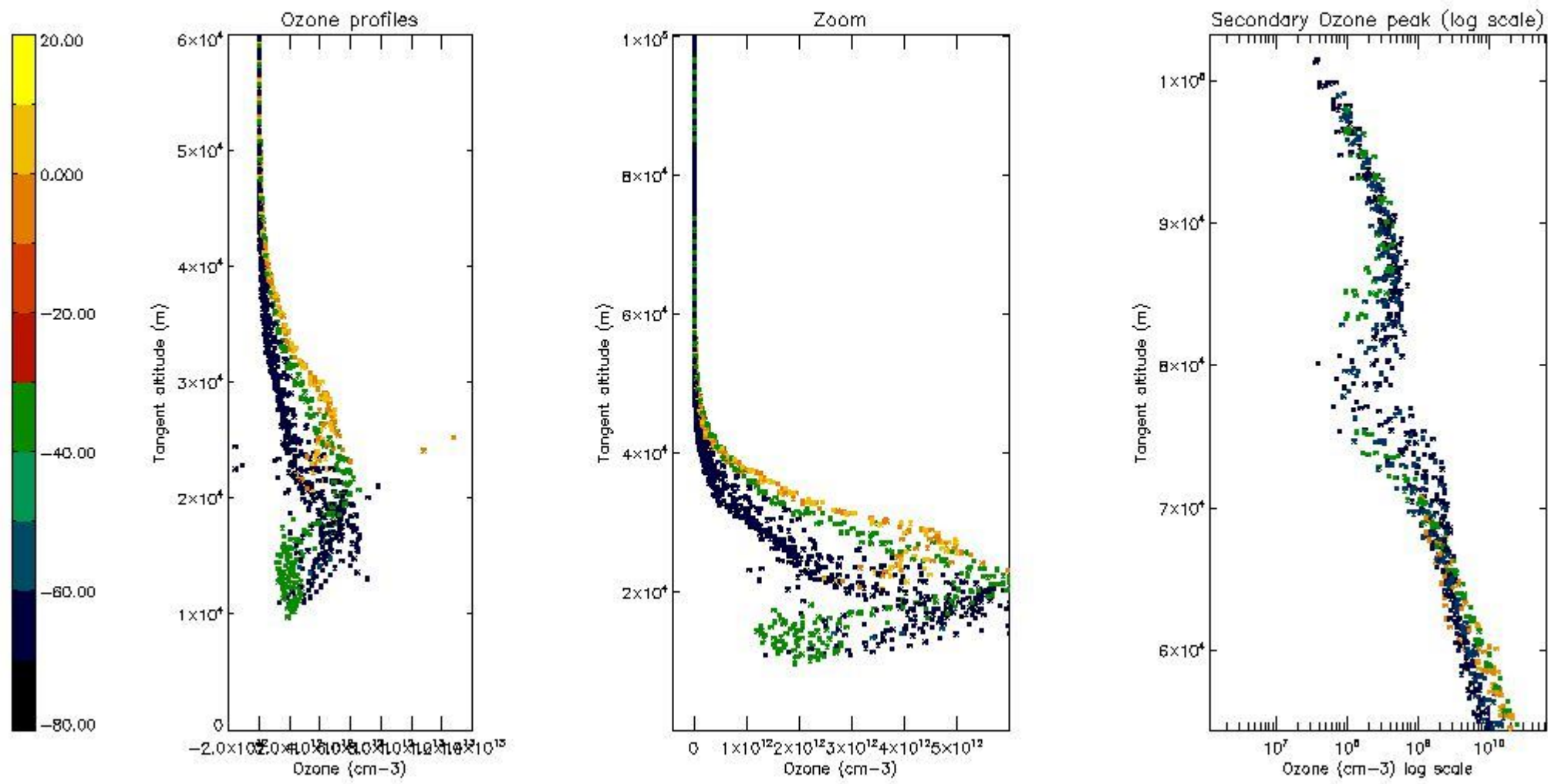
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



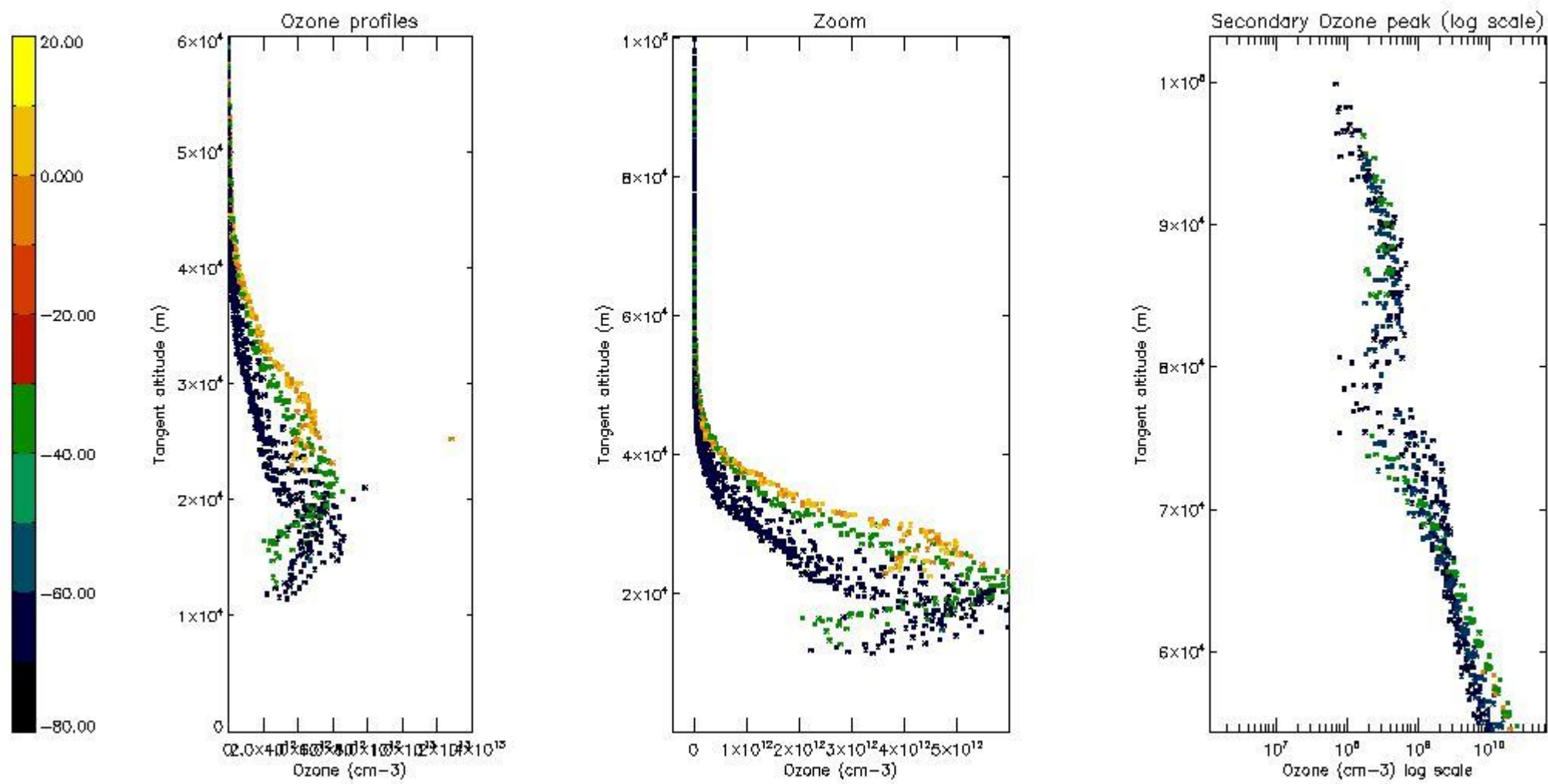
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



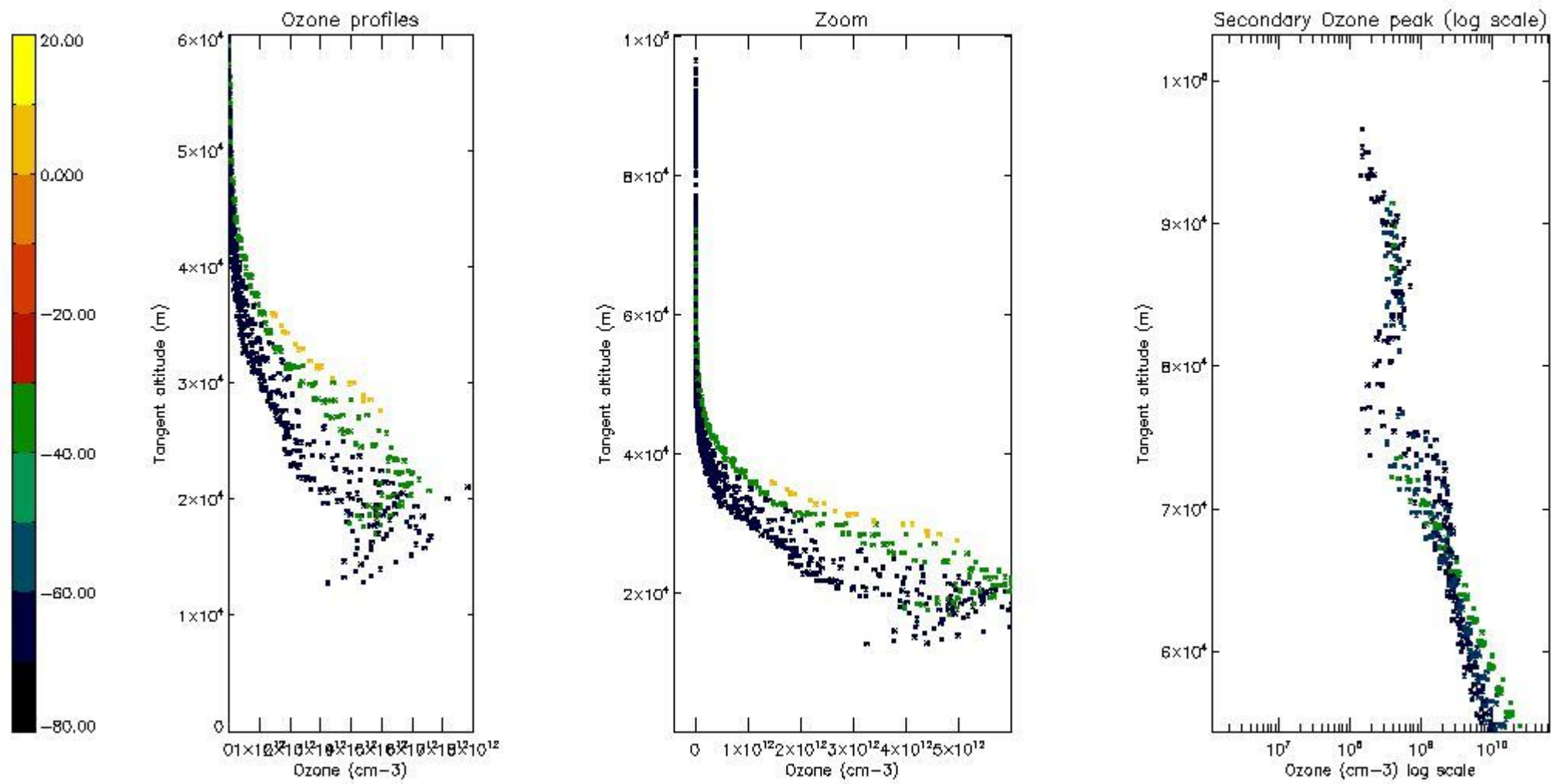
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



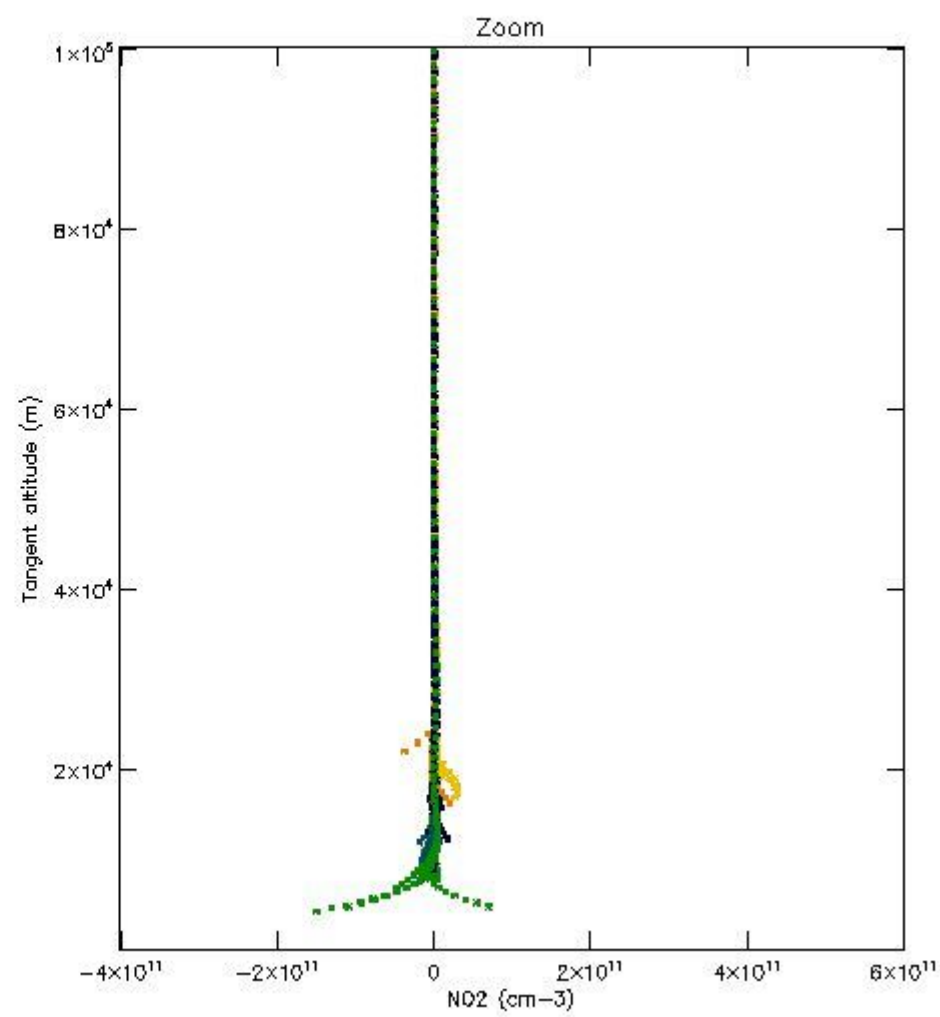
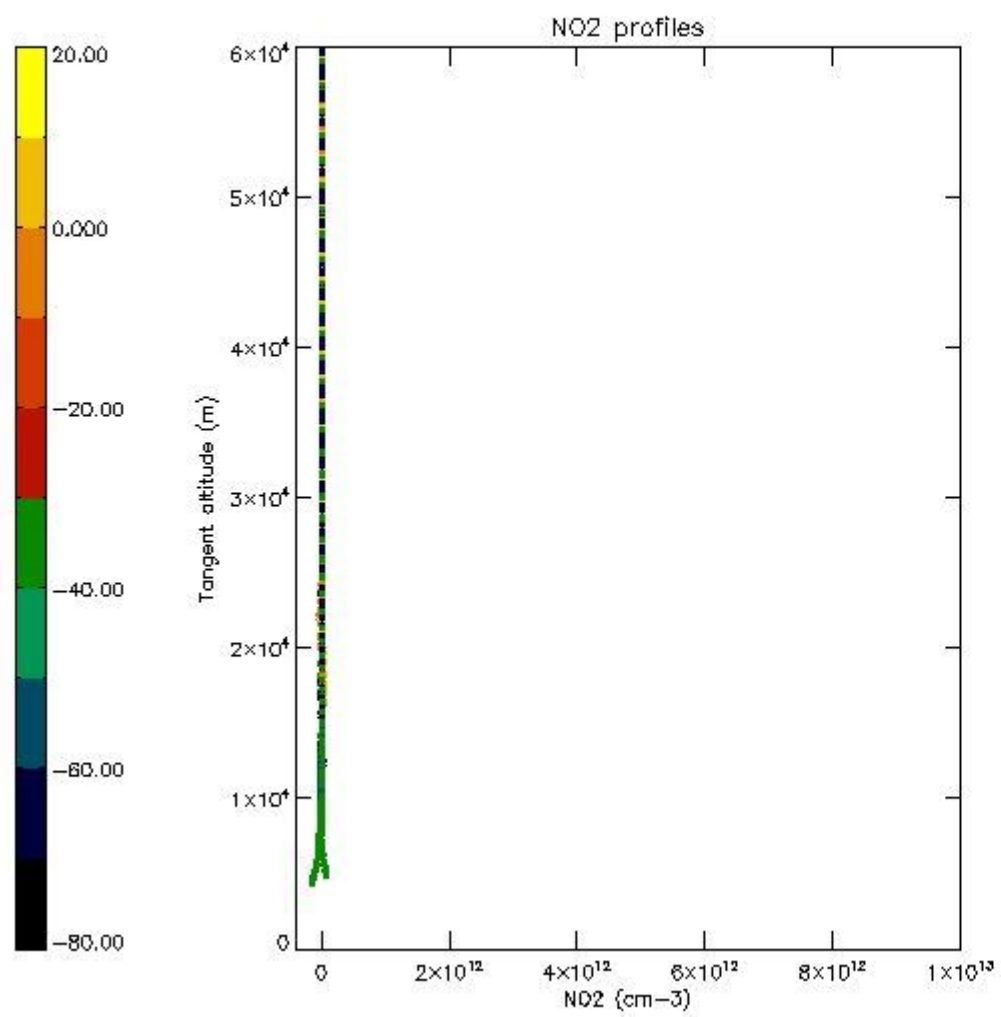
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



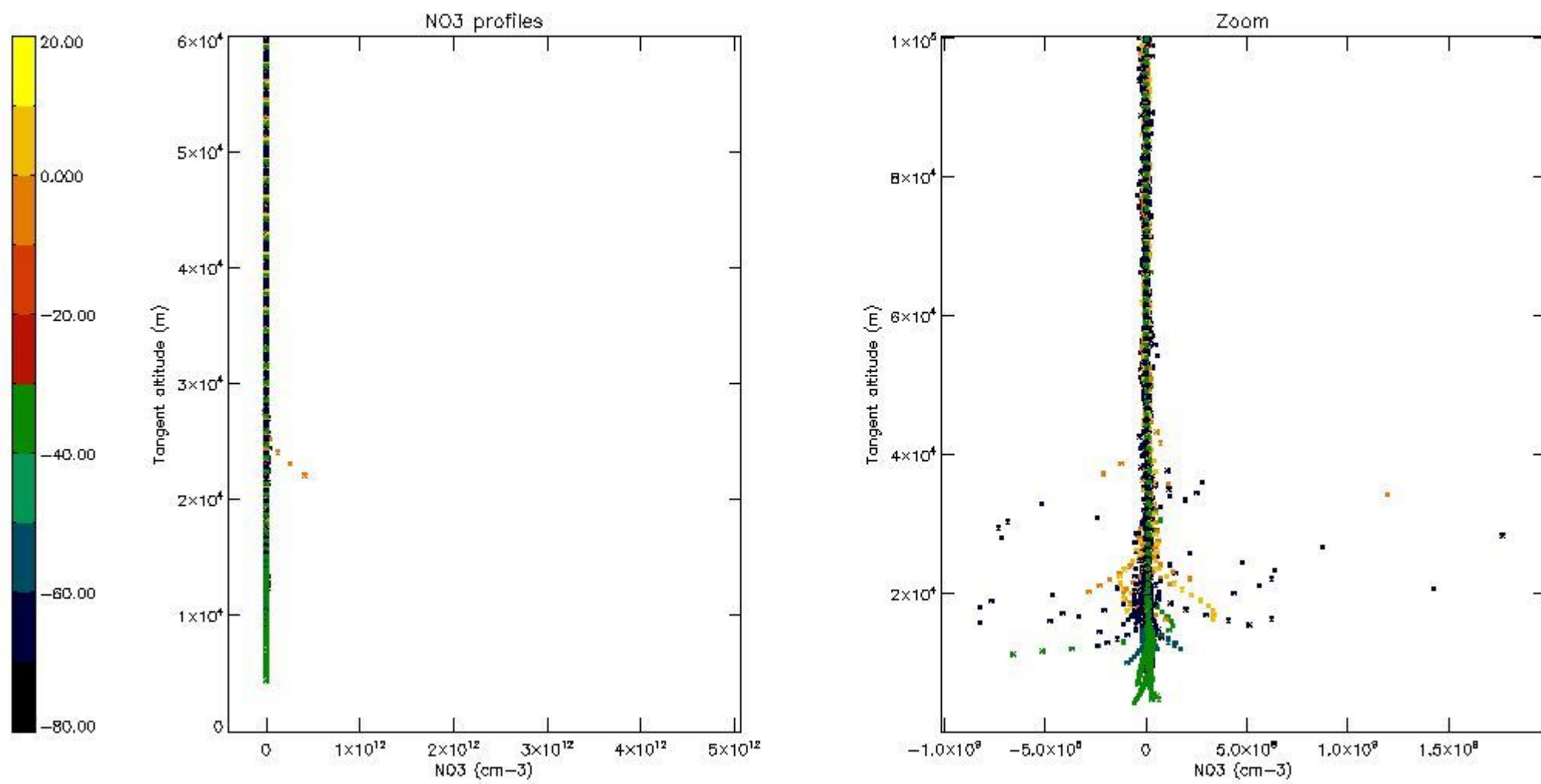
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



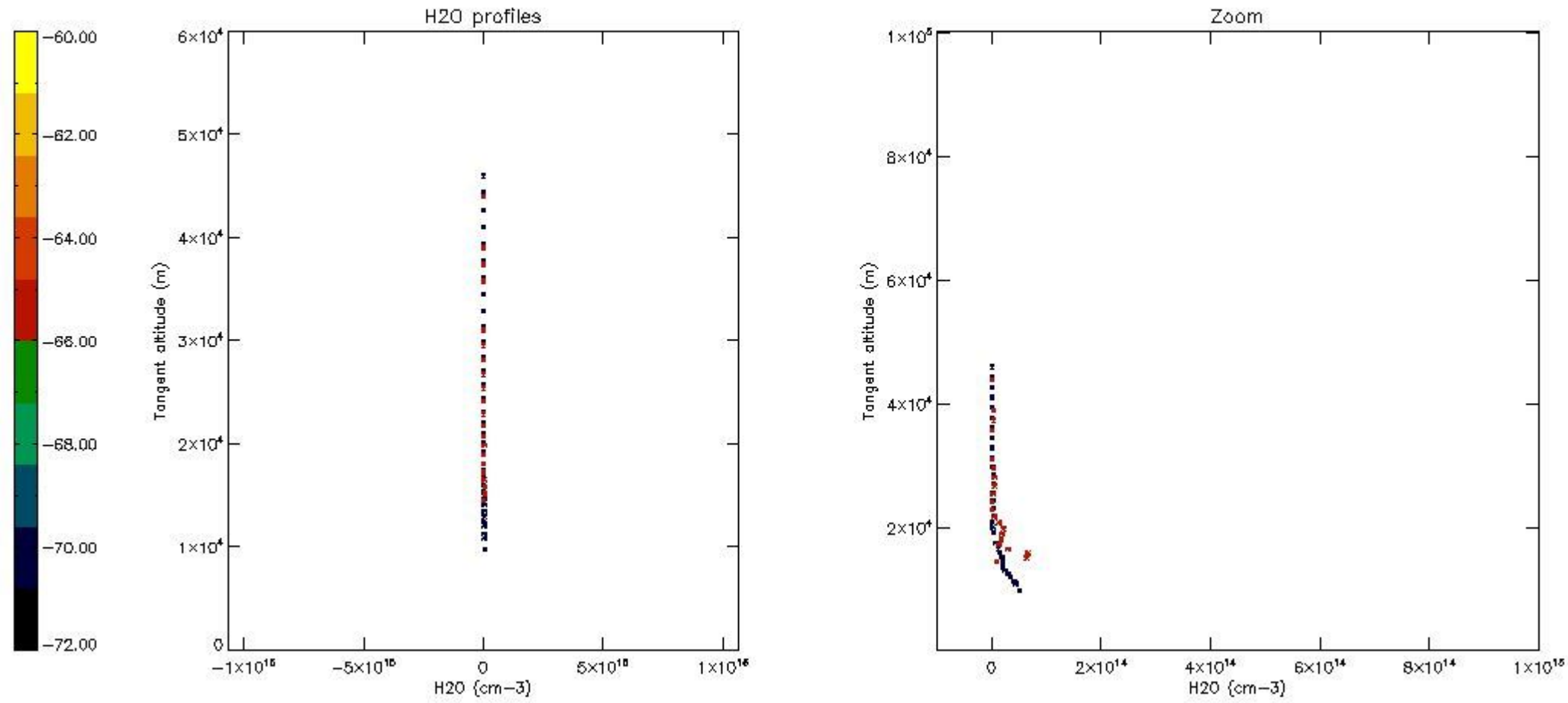
5.7 Plot NO3 profiles for all STD (dark without errors)

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	08-AUG-2005 00:18:44
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	08-AUG-2005 00:18:44
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	08-AUG-2005 00:18:44

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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

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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% \(dark without errors\)](#)

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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	18APR2013 10:22:58
Data source version	GOMOS/6.01
Start time of products	08-08-2005 (08AUG2005 00:00:00)
Stop time of products	09-08-2005 (09AUG2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	130
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__2PRFIN20050808_001844_000000452039_00388_17977_5604.N1	08-AUG-2005 00:18:44	Dark	45.000	1	9Alp CMa	-1.4400	11000.	90	17977	No
2	GOM_NL__2PRFIN20050808_002031_000000402039_00388_17977_5605.N1	08-AUG-2005 00:20:31	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	17977	No
3	GOM_NL__2PRFIN20050808_002158_000000392039_00388_17977_5606.N1	08-AUG-2005 00:21:58	Dark	38.500	23	21Eps CMa	1.5020	26000.	77	17977	No
4	GOM_NL__2PRFIN20050808_002845_000000432039_00388_17977_5607.N1	08-AUG-2005 00:28:45	Dark	43.000	2	Alp Car	-0.73600	7000.0	86	17977	No
5	GOM_NL__2PRFIN20050808_041703_000000432039_00391_17980_5598.N1	08-AUG-2005 04:17:03	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	17980	No
6	GOM_NL__2PRFIN20050808_041926_000000372039_00391_17980_5599.N1	08-AUG-2005 04:19:26	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	17980	No
7	GOM_NL__2PRFIN20050808_044828_000000362039_00391_17980_5600.N1	08-AUG-2005 04:48:28	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	17980	No
8	GOM_NL__2PRFIN20050808_054925_000000372039_00392_17981_5599.N1	08-AUG-2005 05:49:25	Straylight	37.000	45	Alp Pav	1.9400	26000.	74	17981	No
9	GOM_NL__2PRFIN20050808_055740_000000412039_00392_17981_5600.N1	08-AUG-2005 05:57:40	Bright	40.500	103	38Zet Sgr	2.6000	9700.0	81	17981	No
10	GOM_NL__2PRFIN20050808_060003_000000362039_00392_17981_5601.N1	08-AUG-2005 06:00:03	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	17981	No
11	GOM_NL__2PRFIN20050808_060806_000000392039_00392_17981_5602.N1	08-AUG-2005 06:08:06	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	17981	No
12	GOM_NL__2PRFIN20050808_060944_000000362039_00392_17981_5603.N1	08-AUG-2005 06:09:44	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	17981	No
13	GOM_NL__2PRFIN20050808_061652_000000392039_00392_17981_5604.N1	08-AUG-2005 06:16:52	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	17981	No
14	GOM_NL__2PRFIN20050808_063109_000000362039_00392_17981_5605.N1	08-AUG-2005 06:31:09	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	17981	No
15	GOM_NL__2PRFIN20050808_065032_000000492039_00392_17981_5606.N1	08-AUG-2005 06:50:32	Bright	49.000	151	13Mu Gem	2.8900	3000.0	98	17981	No
16	GOM_NL__2PRFIN20050808_070255_000000382039_00392_17981_5607.N1	08-AUG-2005 07:02:55	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	17981	No
17	GOM_NL__2PRFIN20050808_070422_000000412039_00392_17981_5608.N1	08-AUG-2005 07:04:22	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	17981	No
18	GOM_NL__2PRFIN20050808_071110_000000512039_00392_17981_5609.N1	08-AUG-2005 07:11:10	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	17981	No
19	GOM_NL__2PRFIN20050808_074842_000000372039_00393_17982_5600.N1	08-AUG-2005 07:48:42	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	17982	No
20	GOM_NL__2PRFIN20050808_075020_000000362039_00393_17982_5601.N1	08-AUG-2005 07:50:20	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	17982	No
21	GOM_NL__2PRFIN20050808_075728_000000392039_00393_17982_5602.N1	08-AUG-2005 07:57:28	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	17982	No
22	GOM_NL__2PRFIN20050808_075904_000000362039_00393_17982_5603.N1	08-AUG-2005 07:59:04	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	17982	No
23	GOM_NL__2PRFIN20050808_080124_000000382039_00393_17982_5604.N1	08-AUG-2005 08:01:24	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	17982	No
24	GOM_NL__2PRFIN20050808_080540_000000372039_00393_17982_5605.N1	08-AUG-2005 08:05:40	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	17982	No
25	GOM_NL__2PRFIN20050808_080941_000000352039_00393_17982_5606.N1	08-AUG-2005 08:09:41	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	17982	No
26	GOM_NL__2PRFIN20050808_081145_000000332039_00393_17982_5607.N1	08-AUG-2005 08:11:45	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	17982	No
27	GOM_NL__2PRFIN20050808_083108_000000512039_00393_17982_5608.N1	08-AUG-2005 08:31:08	Bright	51.000	151	13Mu Gem	2.8900	3000.0	102	17982	No
28	GOM_NL__2PRFIN20050808_084145_000000442039_00393_17982_5609.N1	08-AUG-2005 08:41:45	Dark	43.500	1	9Alp CMa	-1.4400	11000.	87	17982	No
29	GOM_NL__2PRFIN20050808_084331_000000382039_00393_17982_5610.N1	08-AUG-2005 08:43:31	Dark	37.500	179	24Omi2CMa	3.0320	24000.	75	17982	No
30	GOM_NL__2PRFIN20050808_084458_000000392039_00393_17982_5611.N1	08-AUG-2005 08:44:58	Dark	38.500	23	21Eps CMa	1.5020	26000.	77	17982	No
31	GOM_NL__2PRFIN20050808_085146_000000462039_00393_17982_5612.N1	08-AUG-2005 08:51:46	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	17982	No
32	GOM_NL__2PRFIN20050808_090033_000000392039_00394_17983_5621.N1	08-AUG-2005 09:00:33	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	17983	No
33	GOM_NL__2PRFIN20050808_090233_000000382039_00394_17983_5622.N1	08-AUG-2005 09:02:33	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	17983	No
34	GOM_NL__2PRFIN20050808_090742_000000412039_00394_17983_5623.N1	08-AUG-2005 09:07:42	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	17983	No
35	GOM_NL__2PRFIN20050808_091037_000000402039_00394_17983_5624.N1	08-AUG-2005 09:10:37	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	17983	No
36	GOM_NL__2PRFIN20050808_091852_000000402039_00394_17983_5625.N1	08-AUG-2005 09:18:52	Bright	39.500	103	38Zet Sgr	2.6000	9700.0	79	17983	No
37	GOM_NL__2PRFIN20050808_092115_000000362039_00394_17983_5626.N1	08-AUG-2005 09:21:15	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	17983	No
38	GOM_NL__2PRFIN20050808_092918_000000372039_00394_17983_5627.N1	08-AUG-2005 09:29:18	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	17983	No
39	GOM_NL__2PRFIN20050808_093056_000000352039_00394_17983_5628.N1	08-AUG-2005 09:30:56	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	17983	No
40	GOM_NL__2PRFIN20050808_093804_000000352039_00394_17983_5629.N1	08-AUG-2005 09:38:04	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	17983	No
41	GOM_NL__2PRFIN20050808_093940_000000372039_00394_17983_5630.N1	08-AUG-2005 09:39:40	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	17983	No
42	GOM_NL__2PRFIN20050808_094200_000000392039_00394_17983_5631.N1	08-AUG-2005 09:42:00	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	17983	No

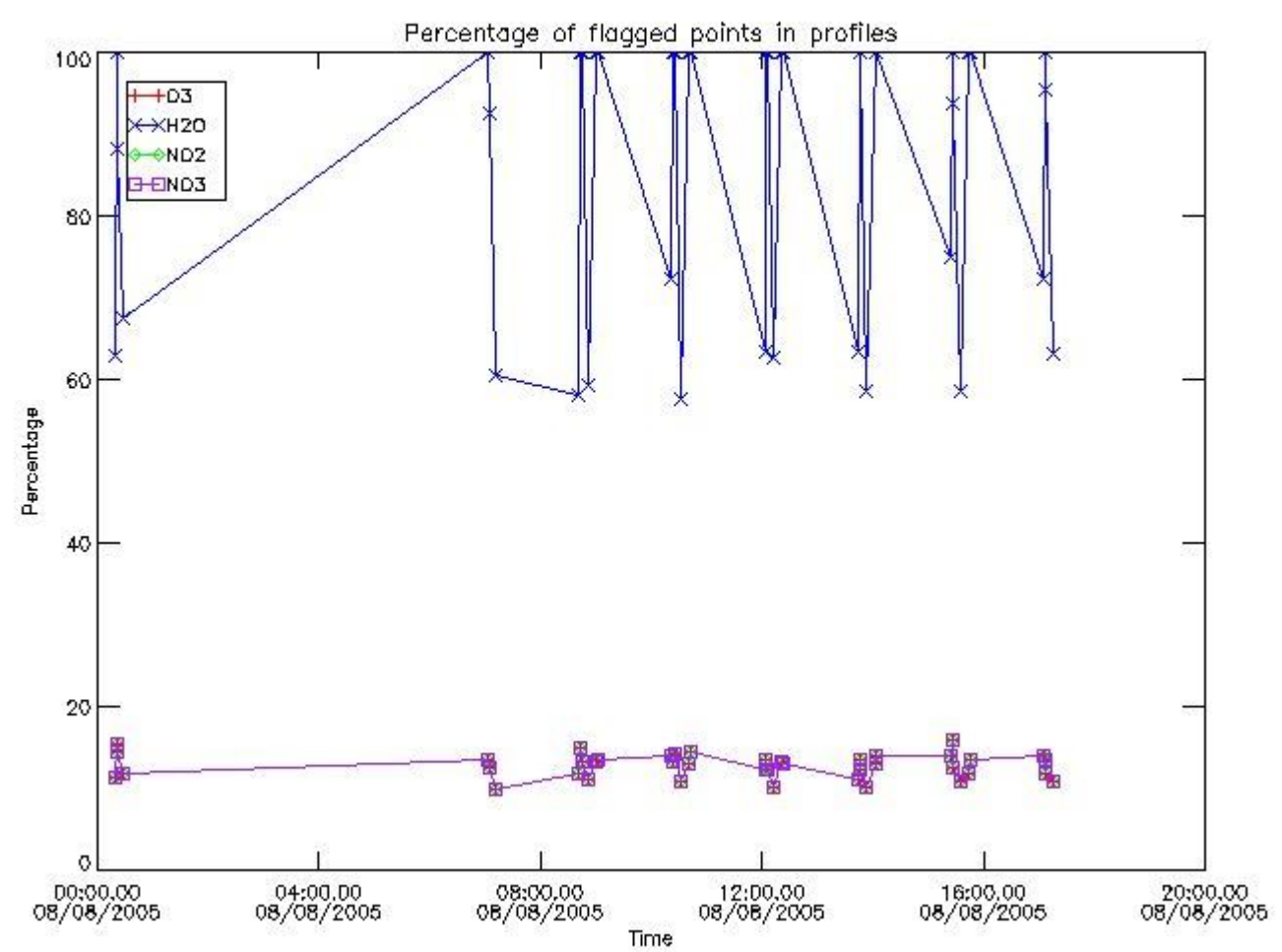
43	GOM_NL__2PRFIN20050808_094617_000000342039_00394_17983_5632.N1	08-AUG-2005 09:46:17	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	17983	No
44	GOM_NL__2PRFIN20050808_095017_000000352039_00394_17983_5633.N1	08-AUG-2005 09:50:17	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	17983	No
45	GOM_NL__2PRFIN20050808_095221_000000362039_00394_17983_5634.N1	08-AUG-2005 09:52:21	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	17983	No
46	GOM_NL__2PRFIN20050808_101144_000000392039_00394_17983_5635.N1	08-AUG-2005 10:11:44	Bright	38.500	151	13Mu Gem	2.8900	3000.0	77	17983	No
47	GOM_NL__2PRFIN20050808_102221_000000372039_00394_17983_5636.N1	08-AUG-2005 10:22:21	Dark	36.500	1	9Alp CMa	-1.4400	11000.	73	17983	No
48	GOM_NL__2PRFIN20050808_102407_000000392039_00394_17983_5637.N1	08-AUG-2005 10:24:07	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	17983	No
49	GOM_NL__2PRFIN20050808_102534_000000402039_00394_17983_5638.N1	08-AUG-2005 10:25:34	Dark	39.500	23	21Eps CMa	1.5020	26000.	79	17983	No
50	GOM_NL__2PRFIN20050808_103222_000000472039_00394_17983_5639.N1	08-AUG-2005 10:32:22	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	17983	No
51	GOM_NL__2PRFIN20050808_104109_000000392039_00395_17984_5622.N1	08-AUG-2005 10:41:09	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	17984	No
52	GOM_NL__2PRFIN20050808_104309_000000392039_00395_17984_5623.N1	08-AUG-2005 10:43:09	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	17984	No
53	GOM_NL__2PRFIN20050808_104819_000000412039_00395_17984_5624.N1	08-AUG-2005 10:48:19	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	17984	No
54	GOM_NL__2PRFIN20050808_105113_000000442039_00395_17984_5625.N1	08-AUG-2005 10:51:13	Straylight	44.000	45	Alp Pav	1.9400	26000.	88	17984	No
55	GOM_NL__2PRFIN20050808_105928_000000382039_00395_17984_5626.N1	08-AUG-2005 10:59:28	Bright	37.500	103	38Zet Sgr	2.6000	9700.0	75	17984	No
56	GOM_NL__2PRFIN20050808_110151_000000372039_00395_17984_5627.N1	08-AUG-2005 11:01:51	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	17984	No
57	GOM_NL__2PRFIN20050808_110954_000000362039_00395_17984_5628.N1	08-AUG-2005 11:09:54	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	17984	No
58	GOM_NL__2PRFIN20050808_111132_000000342039_00395_17984_5629.N1	08-AUG-2005 11:11:32	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	17984	No
59	GOM_NL__2PRFIN20050808_111840_000000392039_00395_17984_5630.N1	08-AUG-2005 11:18:40	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	17984	No
60	GOM_NL__2PRFIN20050808_112016_000000362039_00395_17984_5631.N1	08-AUG-2005 11:20:16	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	17984	No
61	GOM_NL__2PRFIN20050808_112236_000000382039_00395_17984_5632.N1	08-AUG-2005 11:22:36	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	17984	No
62	GOM_NL__2PRFIN20050808_112653_000000372039_00395_17984_5633.N1	08-AUG-2005 11:26:53	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	17984	No
63	GOM_NL__2PRFIN20050808_113053_000000362039_00395_17984_5634.N1	08-AUG-2005 11:30:53	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	17984	No
64	GOM_NL__2PRFIN20050808_113256_000000372039_00395_17984_5635.N1	08-AUG-2005 11:32:56	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	17984	No
65	GOM_NL__2PRFIN20050808_115220_000000362039_00395_17984_5636.N1	08-AUG-2005 11:52:20	Bright	36.000	151	13Mu Gem	2.8900	3000.0	72	17984	No
66	GOM_NL__2PRFIN20050808_120257_000000422039_00395_17984_5637.N1	08-AUG-2005 12:02:57	Dark	41.500	1	9Alp CMa	-1.4400	11000.	83	17984	No
67	GOM_NL__2PRFIN20050808_120443_000000382039_00395_17984_5638.N1	08-AUG-2005 12:04:43	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	17984	No
68	GOM_NL__2PRFIN20050808_120610_000000422039_00395_17984_5639.N1	08-AUG-2005 12:06:10	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	17984	No
69	GOM_NL__2PRFIN20050808_121258_000000502039_00395_17984_5640.N1	08-AUG-2005 12:12:58	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	17984	No
70	GOM_NL__2PRFIN20050808_122145_000000392039_00396_17985_5623.N1	08-AUG-2005 12:21:45	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	17985	No
71	GOM_NL__2PRFIN20050808_122345_000000402039_00396_17985_5624.N1	08-AUG-2005 12:23:45	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	17985	No
72	GOM_NL__2PRFIN20050808_122855_000000432039_00396_17985_5625.N1	08-AUG-2005 12:28:55	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	17985	No
73	GOM_NL__2PRFIN20050808_123149_000000372039_00396_17985_5626.N1	08-AUG-2005 12:31:49	Straylight	37.000	45	Alp Pav	1.9400	26000.	74	17985	No
74	GOM_NL__2PRFIN20050808_124004_000000392039_00396_17985_5627.N1	08-AUG-2005 12:40:04	Bright	38.500	103	38Zet Sgr	2.6000	9700.0	77	17985	No
75	GOM_NL__2PRFIN20050808_124227_000000372039_00396_17985_5628.N1	08-AUG-2005 12:42:27	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	17985	No
76	GOM_NL__2PRFIN20050808_125030_000000372039_00396_17985_5629.N1	08-AUG-2005 12:50:30	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	17985	No
77	GOM_NL__2PRFIN20050808_125209_000000352039_00396_17985_5630.N1	08-AUG-2005 12:52:09	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	17985	No
78	GOM_NL__2PRFIN20050808_125916_000000402039_00396_17985_5631.N1	08-AUG-2005 12:59:16	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	17985	No
79	GOM_NL__2PRFIN20050808_130051_000000342039_00396_17985_5632.N1	08-AUG-2005 13:00:51	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	17985	No
80	GOM_NL__2PRFIN20050808_130313_000000362039_00396_17985_5633.N1	08-AUG-2005 13:03:13	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	17985	No
81	GOM_NL__2PRFIN20050808_130729_000000372039_00396_17985_5634.N1	08-AUG-2005 13:07:29	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	17985	No
82	GOM_NL__2PRFIN20050808_131129_000000342039_00396_17985_5635.N1	08-AUG-2005 13:11:29	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	17985	No
83	GOM_NL__2PRFIN20050808_131332_000000362039_00396_17985_5636.N1	08-AUG-2005 13:13:32	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	17985	No
84	GOM_NL__2PRFIN20050808_133256_000000432039_00396_17985_5637.N1	08-AUG-2005 13:32:56	Bright	42.500	151	13Mu Gem	2.8900	3000.0	85	17985	No
85	GOM_NL__2PRFIN20050808_134333_000000462039_00396_17985_5638.N1	08-AUG-2005 13:43:33	Dark	45.500	1	9Alp CMa	-1.4400	11000.	91	17985	No
86	GOM_NL__2PRFIN20050808_134519_000000382039_00396_17985_5639.N1	08-AUG-2005 13:45:19	Dark	37.500	179	24Omi2CMa	3.0320	24000.	75	17985	No
87	GOM_NL__2PRFIN20050808_134646_000000422039_00396_17985_5640.N1	08-AUG-2005 13:46:46	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	17985	No
88	GOM_NL__2PRFIN20050808_135334_000000502039_00396_17985_5641.N1	08-AUG-2005 13:53:34	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	17985	No
89	GOM_NL__2PRFIN20050808_140222_000000402039_00397_17986_5624.N1	08-AUG-2005 14:02:22	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	17986	No
90	GOM_NL__2PRFIN20050808_140422_000000372039_00397_17986_5625.N1	08-AUG-2005 14:04:22	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	17986	No
91	GOM_NL__2PRFIN20050808_140931_000000402039_00397_17986_5626.N1	08-AUG-2005 14:09:31	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	17986	No
92	GOM_NL__2PRFIN20050808_141225_000000432039_00397_17986_5627.N1	08-AUG-2005 14:12:25	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	17986	No
93	GOM_NL__2PRFIN20050808_142040_000000452039_00397_17986_5628.N1	08-AUG-2005 14:20:40	Bright	44.500	103	38Zet Sgr	2.6000	9700.0	89	17986	No
94	GOM_NL__2PRFIN20050808_142303_000000382039_00397_17986_5629.N1	08-AUG-2005 14:23:03	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	17986	No
95	GOM_NL__2PRFIN20050808_143106_000000362039_00397_17986_5630.N1	08-AUG-2005 14:31:06	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	17986	No
96	GOM_NL__2PRFIN20050808_143244_000000342039_00397_17986_5631.N1	08-AUG-2005 14:32:44	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	17986	No
97	GOM_NL__2PRFIN20050808_143952_000000392039_00397_17986_5632.N1	08-AUG-2005 14:39:52	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	17986	No
98	GOM_NL__2PRFIN20050808_144127_000000362039_00397_17986_5633.N1	08-AUG-2005 14:41:27	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	17986	No
99	GOM_NL__2PRFIN20050808_144349_000000392039_00397_17986_5634.N1	08-AUG-2005 14:43:49	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	17986	No
100	GOM_NL__2PRFIN20050808_144806_000000352039_00397_17986_5635.N1	08-AUG-2005 14:48:06	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	17986	No
101	GOM_NL__2PRFIN20050808_145206_000000342039_00397_17986_5636.N1	08-AUG-2005 14:52:06	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	17986	No

102	GOM_NL__2PRFIN20050808_145408_000000342039_00397_17986_5637.N1	08-AUG-2005 14:54:08	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	17986	No
103	GOM_NL__2PRFIN20050808_151333_000000462039_00397_17986_5638.N1	08-AUG-2005 15:13:33	Bright	46.000	151	13Mu Gem	2.8900	3000.0	92	17986	No
104	GOM_NL__2PRFIN20050808_152409_000000372039_00397_17986_5639.N1	08-AUG-2005 15:24:09	Dark	36.500	1	9Alp CMa	-1.4400	11000.	73	17986	No
105	GOM_NL__2PRFIN20050808_152555_000000362039_00397_17986_5640.N1	08-AUG-2005 15:25:55	Dark	35.500	179	24Omi2CMa	3.0320	24000.	71	17986	No
106	GOM_NL__2PRFIN20050808_152723_000000412039_00397_17986_5641.N1	08-AUG-2005 15:27:23	Dark	40.500	23	21Eps CMa	1.5020	26000.	81	17986	No
107	GOM_NL__2PRFIN20050808_153410_000000482039_00397_17986_5642.N1	08-AUG-2005 15:34:10	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	17986	No
108	GOM_NL__2PRFIN20050808_154258_000000432039_00398_17987_5625.N1	08-AUG-2005 15:42:58	Dark	43.000	143	Alp Hyi	2.8570	7200.0	86	17987	No
109	GOM_NL__2PRFIN20050808_154458_000000382039_00398_17987_5626.N1	08-AUG-2005 15:44:58	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	17987	No
110	GOM_NL__2PRFIN20050808_155008_000000412039_00398_17987_5627.N1	08-AUG-2005 15:50:08	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	17987	No
111	GOM_NL__2PRFIN20050808_155301_000000382039_00398_17987_5628.N1	08-AUG-2005 15:53:01	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	17987	No
112	GOM_NL__2PRFIN20050808_160116_000000432039_00398_17987_5629.N1	08-AUG-2005 16:01:16	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	17987	No
113	GOM_NL__2PRFIN20050808_160339_000000362039_00398_17987_5630.N1	08-AUG-2005 16:03:39	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	17987	No
114	GOM_NL__2PRFIN20050808_161142_000000382039_00398_17987_5631.N1	08-AUG-2005 16:11:42	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	17987	No
115	GOM_NL__2PRFIN20050808_161321_000000352039_00398_17987_5632.N1	08-AUG-2005 16:13:21	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	17987	No
116	GOM_NL__2PRFIN20050808_162028_000000382039_00398_17987_5633.N1	08-AUG-2005 16:20:28	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	17987	No
117	GOM_NL__2PRFIN20050808_162203_000000362039_00398_17987_5634.N1	08-AUG-2005 16:22:03	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	17987	No
118	GOM_NL__2PRFIN20050808_162425_000000382039_00398_17987_5635.N1	08-AUG-2005 16:24:25	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	17987	No
119	GOM_NL__2PRFIN20050808_162842_000000382039_00398_17987_5636.N1	08-AUG-2005 16:28:42	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	17987	No
120	GOM_NL__2PRFIN20050808_163242_000000362039_00398_17987_5637.N1	08-AUG-2005 16:32:42	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	17987	No
121	GOM_NL__2PRFIN20050808_163444_000000362039_00398_17987_5638.N1	08-AUG-2005 16:34:44	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	17987	No
122	GOM_NL__2PRFIN20050808_165409_000000422039_00398_17987_5639.N1	08-AUG-2005 16:54:09	Bright	41.500	151	13Mu Gem	2.8900	3000.0	83	17987	No
123	GOM_NL__2PRFIN20050808_170445_000000372039_00398_17987_5640.N1	08-AUG-2005 17:04:45	Dark	36.500	1	9Alp CMa	-1.4400	11000.	73	17987	No
124	GOM_NL__2PRFIN20050808_170631_000000382039_00398_17987_5641.N1	08-AUG-2005 17:06:31	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	17987	No
125	GOM_NL__2PRFIN20050808_170759_000000442039_00398_17987_5642.N1	08-AUG-2005 17:07:59	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	17987	No
126	GOM_NL__2PRFIN20050808_171446_000000462039_00398_17987_5643.N1	08-AUG-2005 17:14:46	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	17987	No
127	GOM_NL__2PRFIN20050808_174152_000000382039_00399_17988_5626.N1	08-AUG-2005 17:41:52	Bright	38.000	103	38Zet Sgr	2.6000	9700.0	76	17988	No
128	GOM_NL__2PRFIN20050808_174415_000000372039_00399_17988_5627.N1	08-AUG-2005 17:44:15	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	17988	No
129	GOM_NL__2PRFIN20050808_175218_000000372039_00399_17988_5628.N1	08-AUG-2005 17:52:18	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	17988	No
130	GOM_NL__2PRFIN20050808_175357_000000362039_00399_17988_5629.N1	08-AUG-2005 17:53:57	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	17988	No

3. Quality information per product

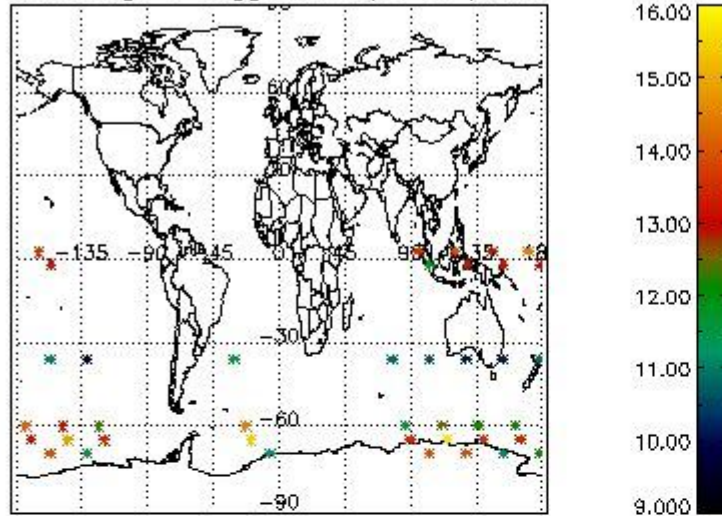
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

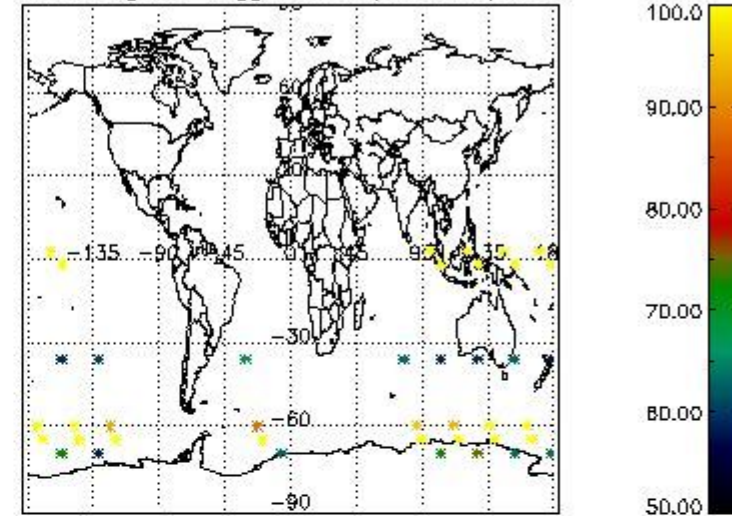


3.2 Plot quality information per product (world map)

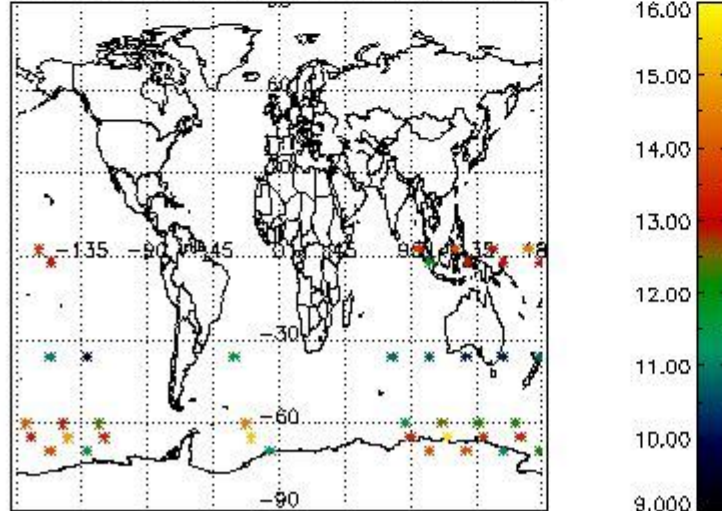
Percentage of flagged data per O3 profile



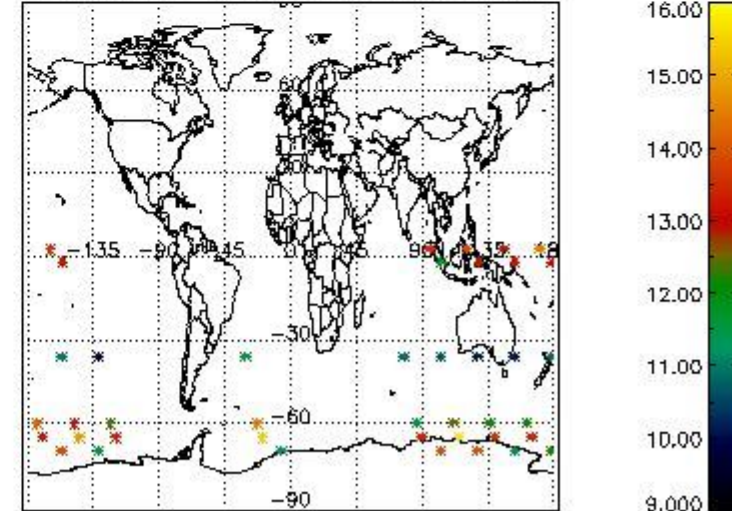
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

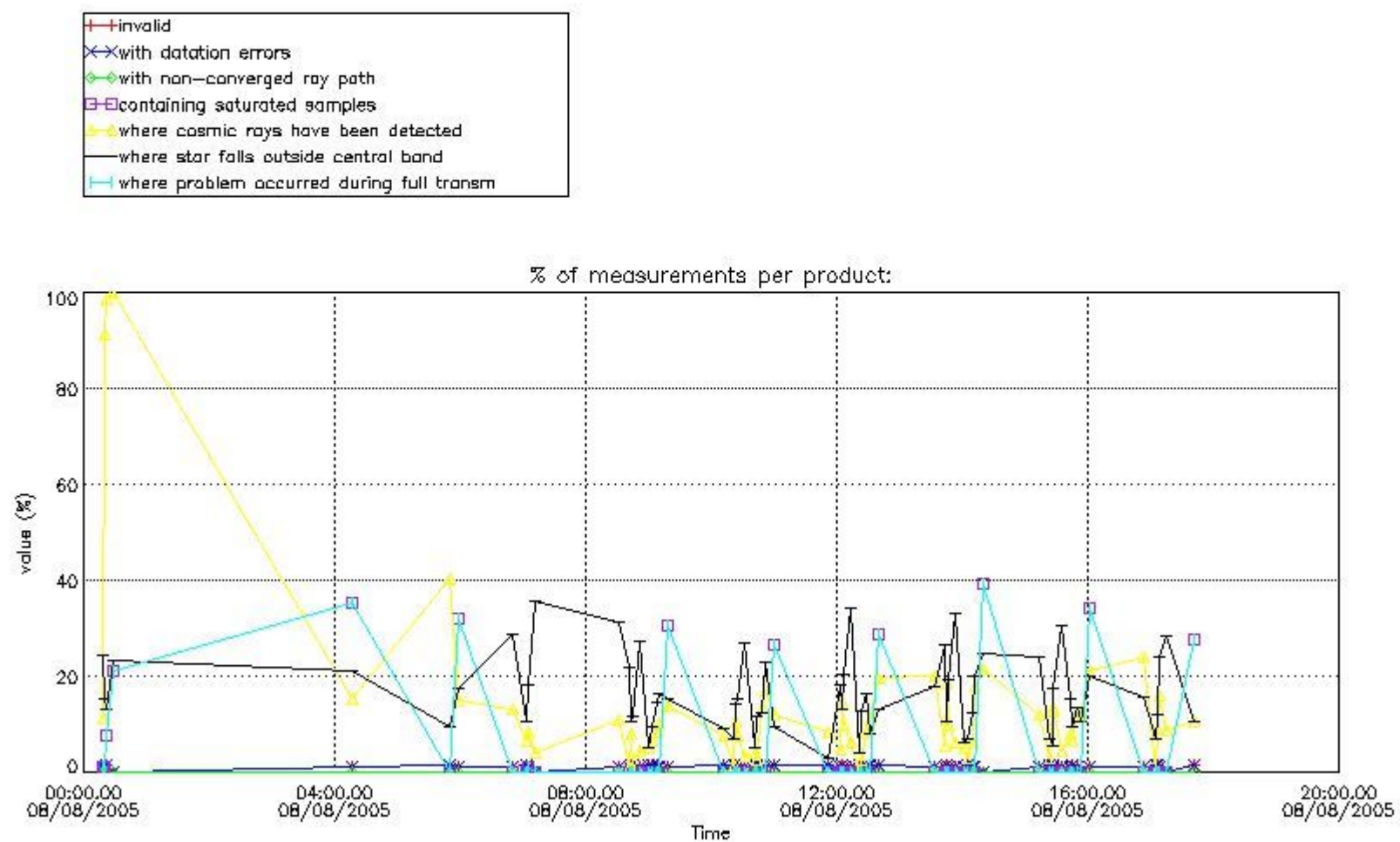


4. Level 1 quality information per product

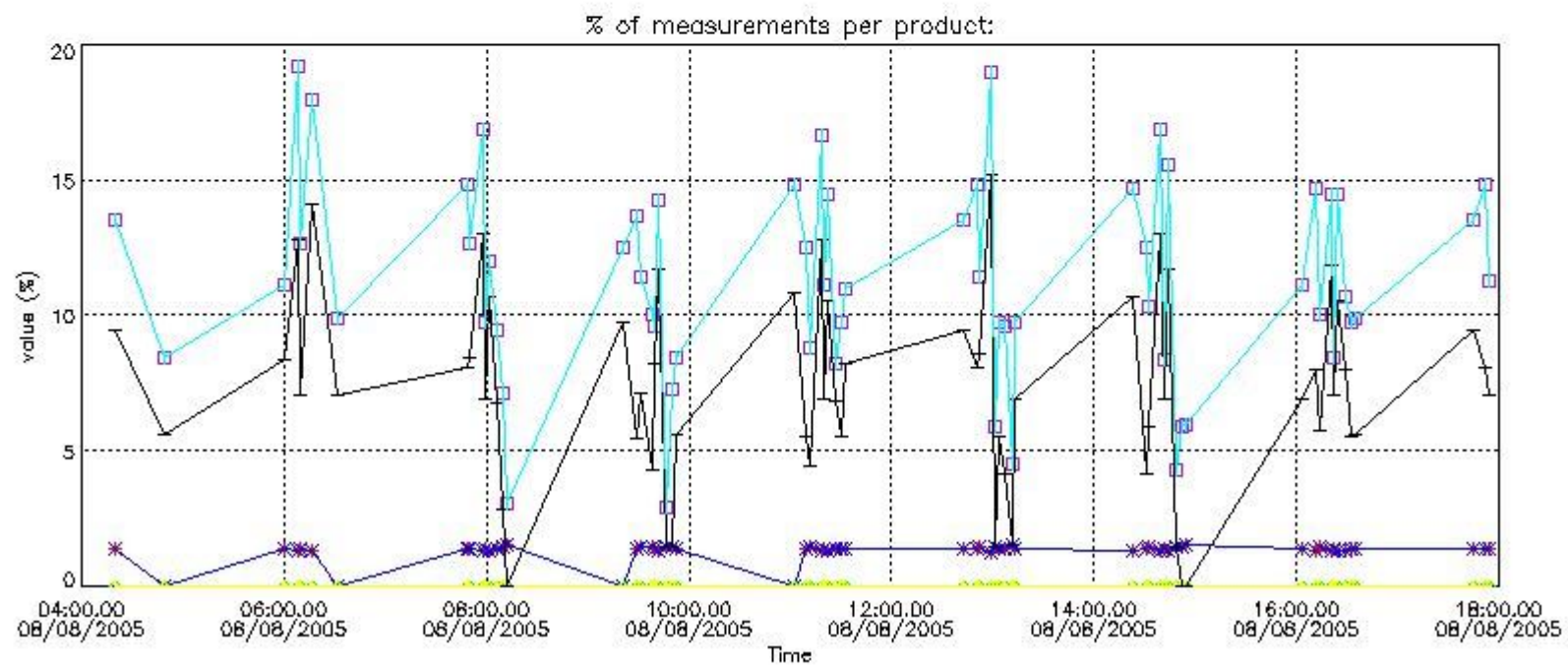
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



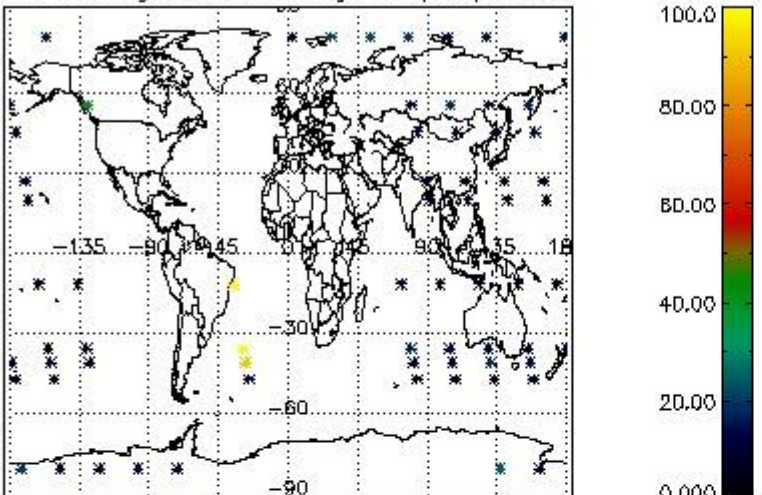
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



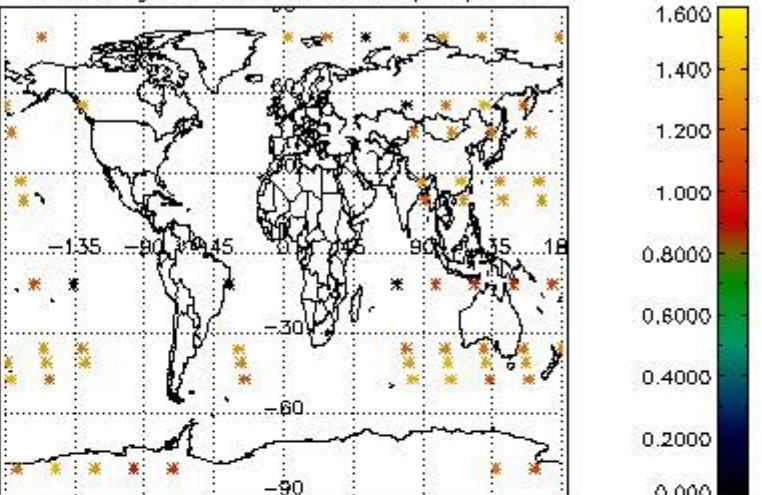
4.2 Plot quality information per product coming from level 1b processing (world map)

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

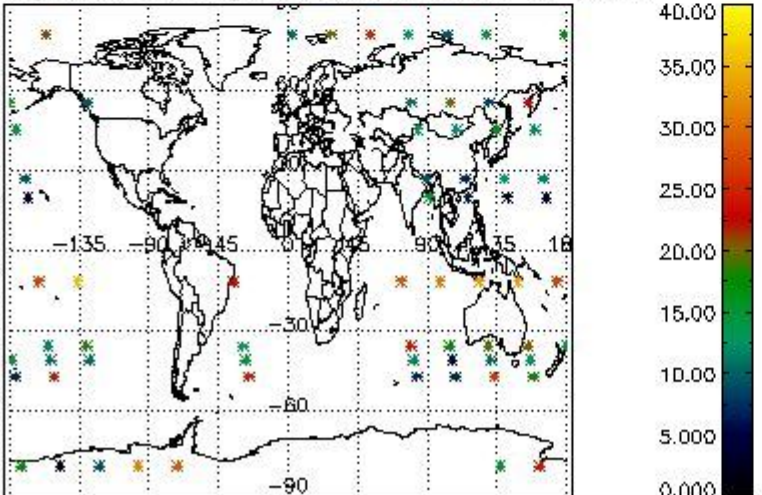
Percentage of cosmic ray hits per profile



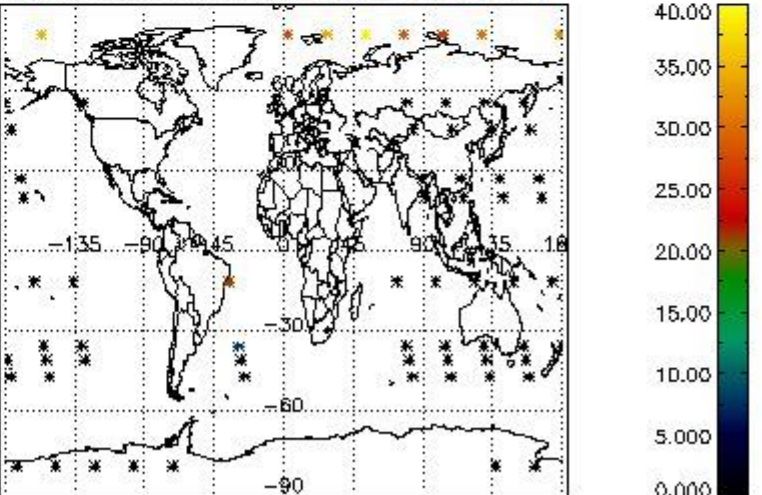
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

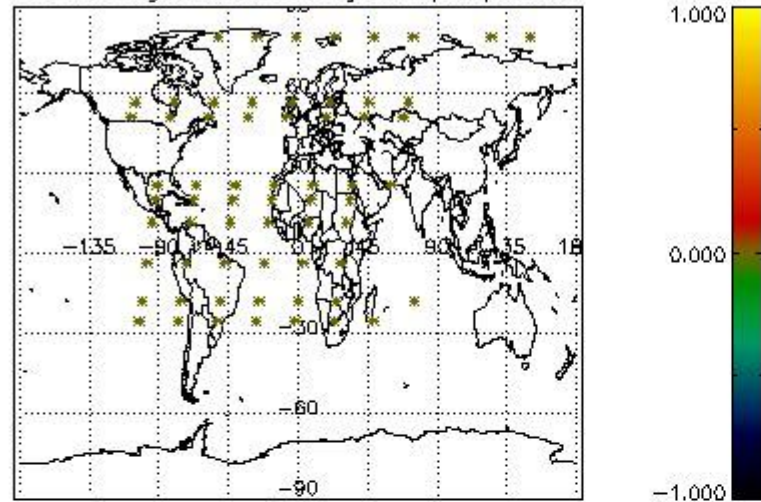


Percentage of saturation errors per profile

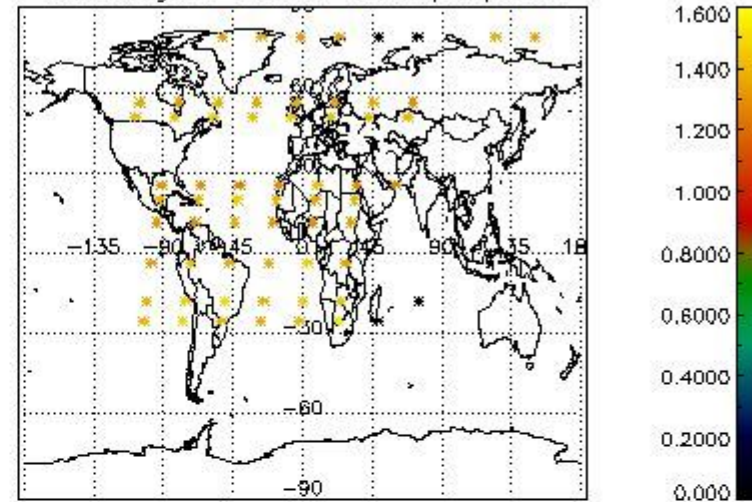


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

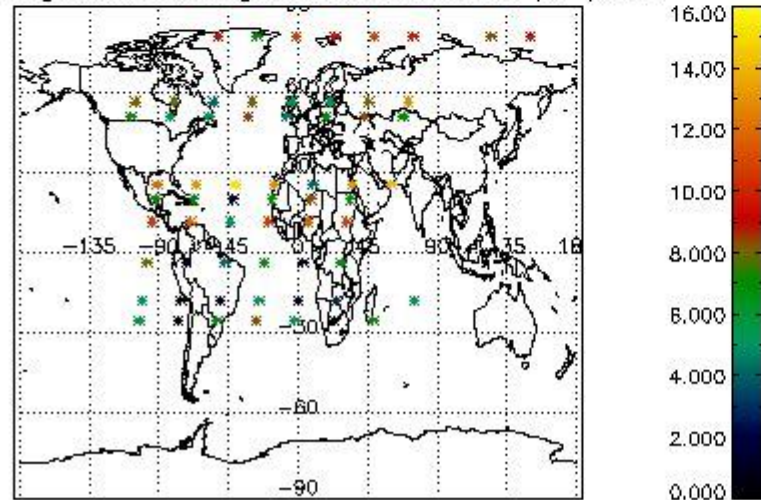
Percentage of cosmic ray hits per profile



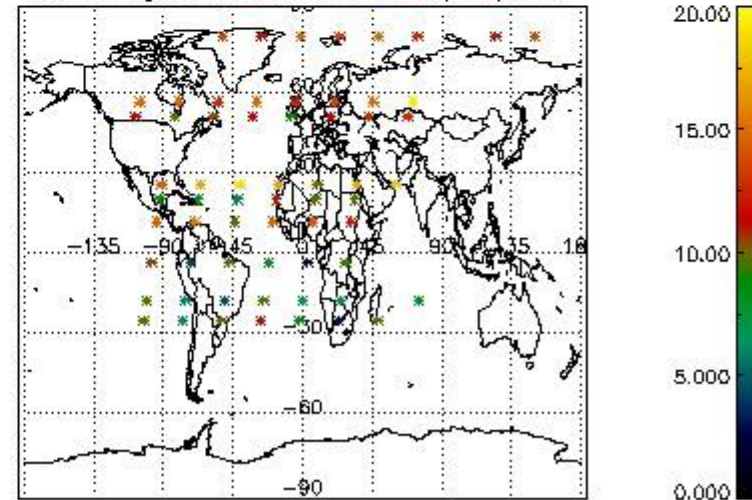
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

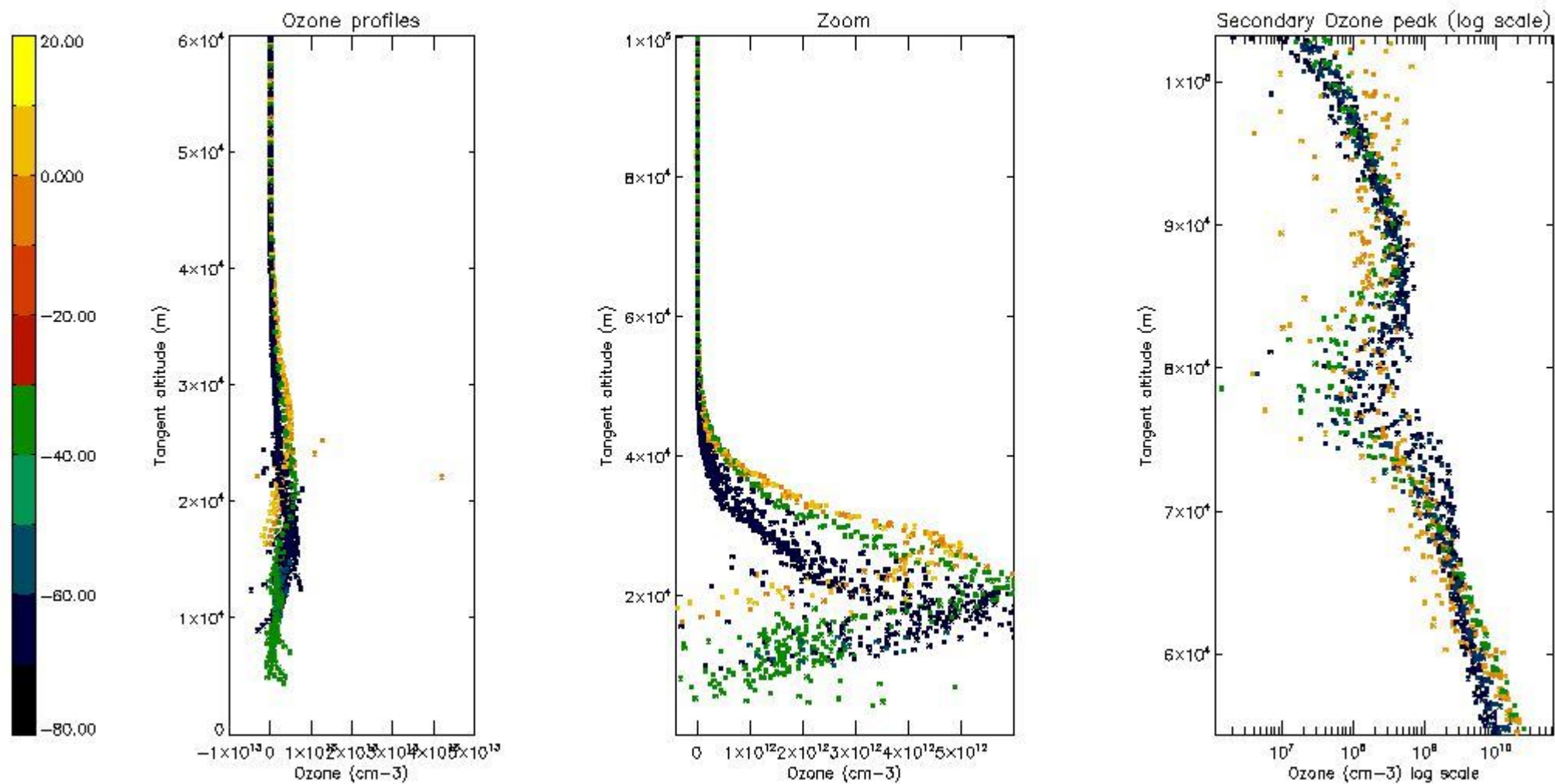
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	35
STD < 20	24

STD < 10	20
STD < 5	14

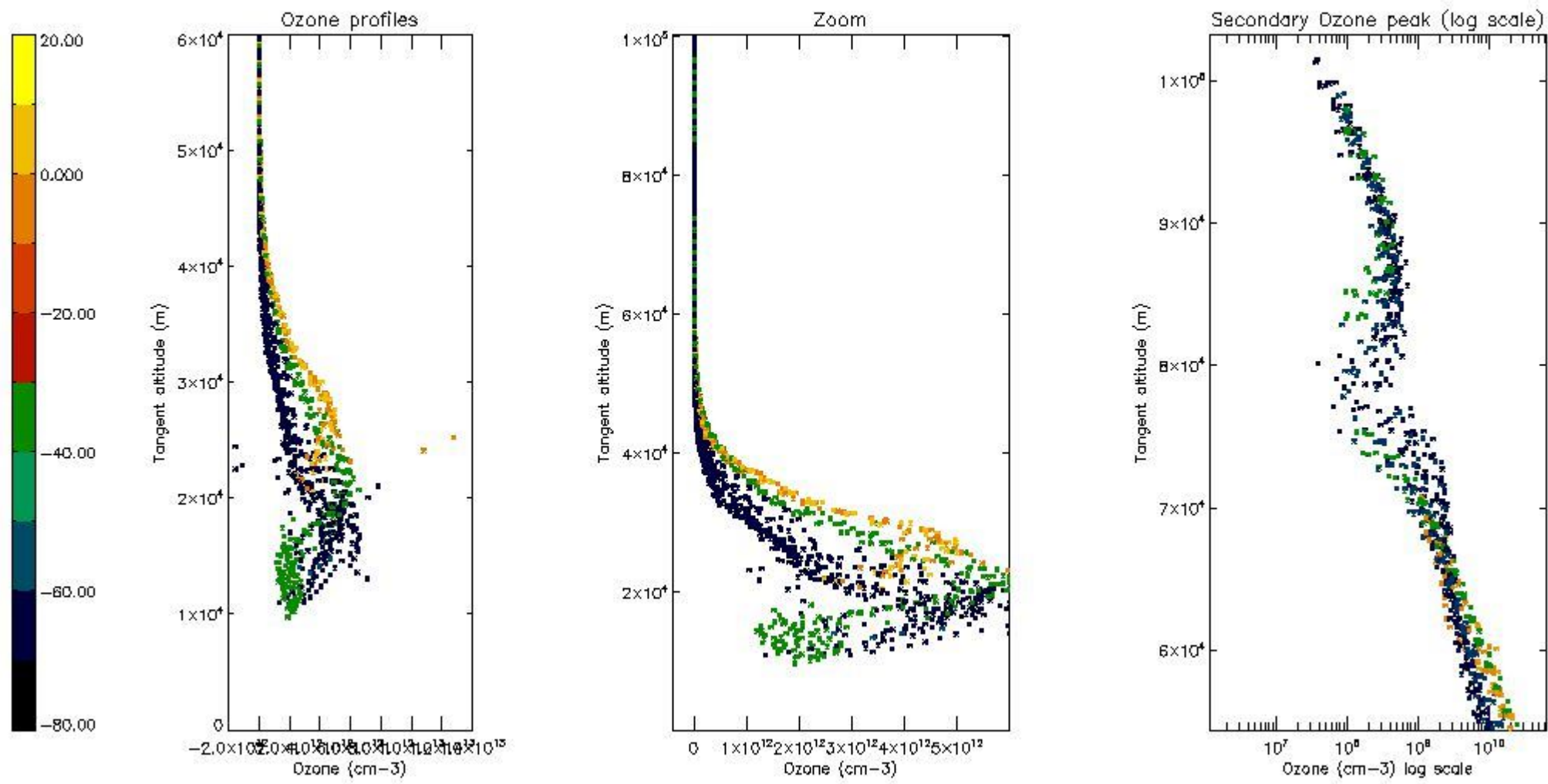
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



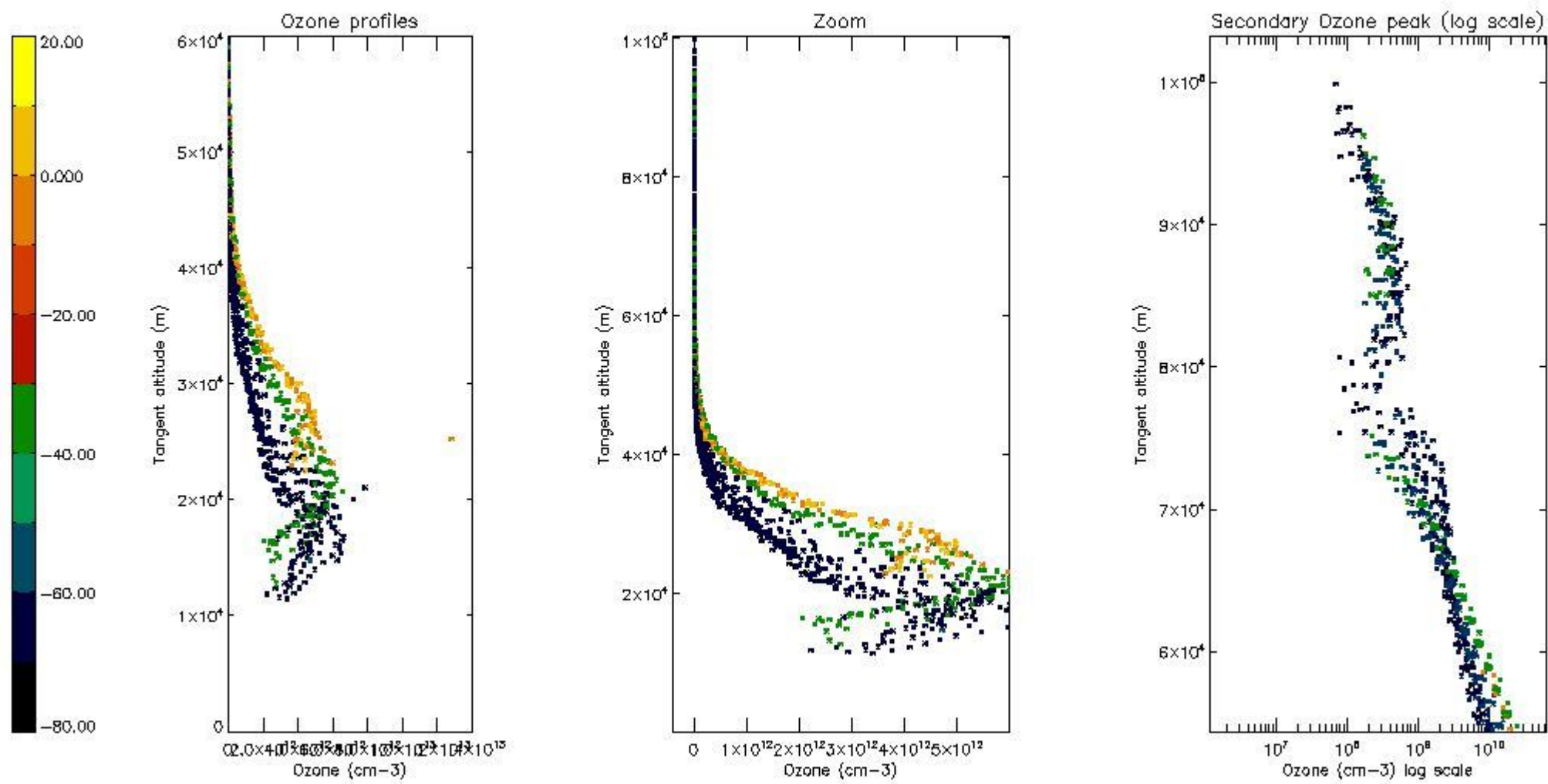
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



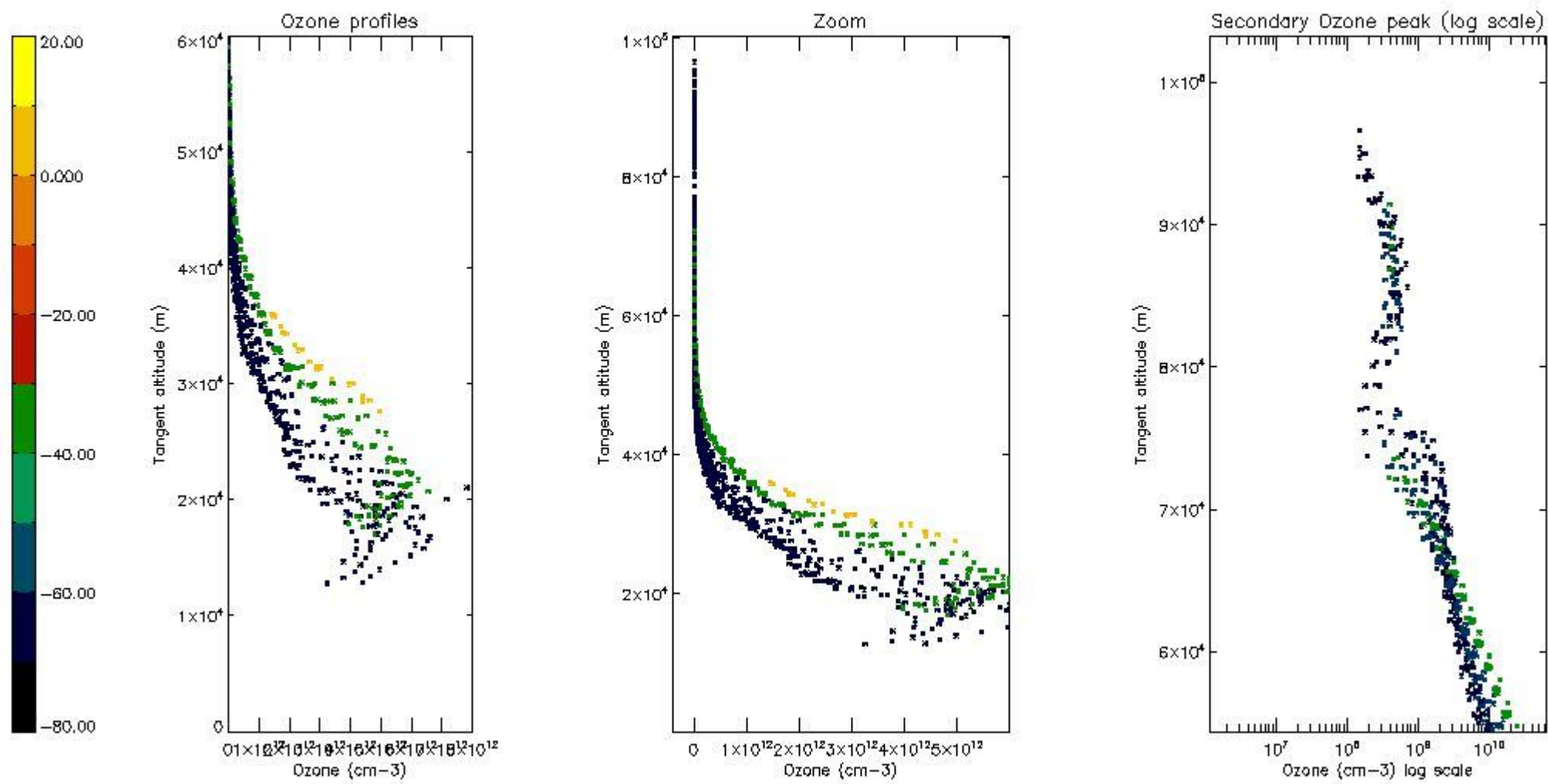
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



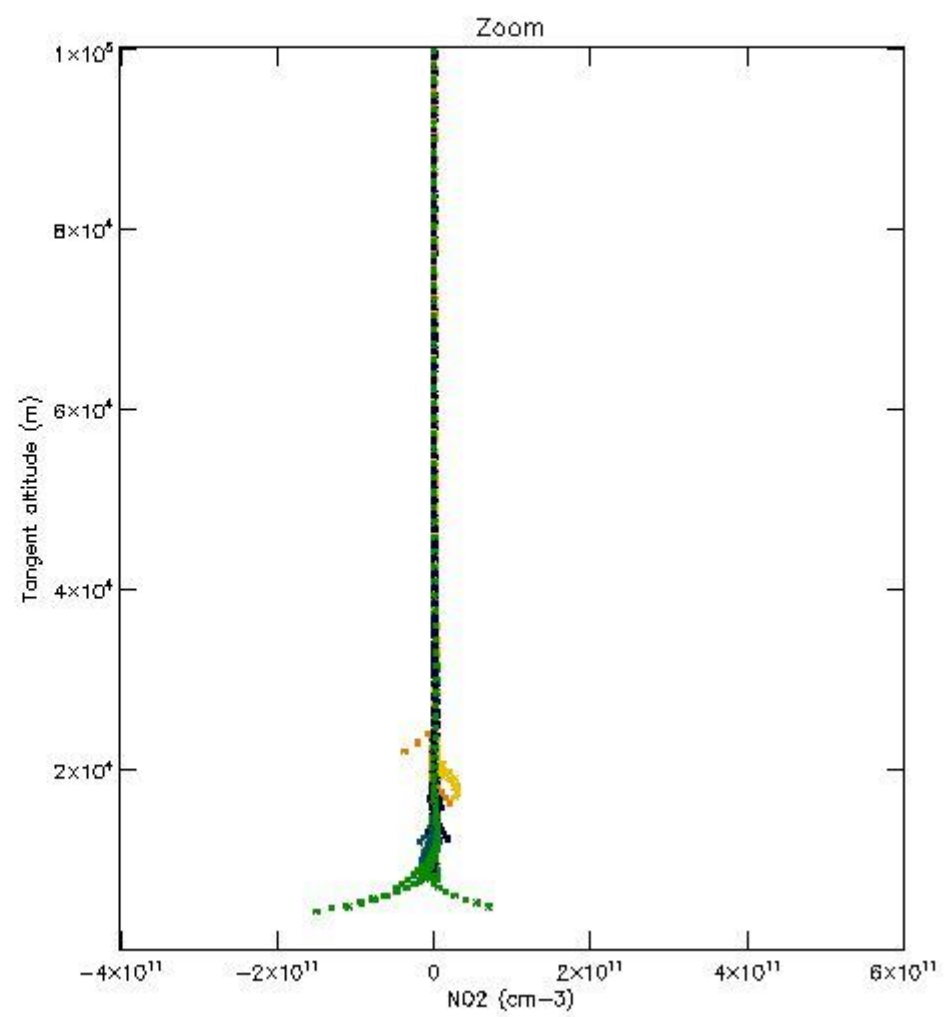
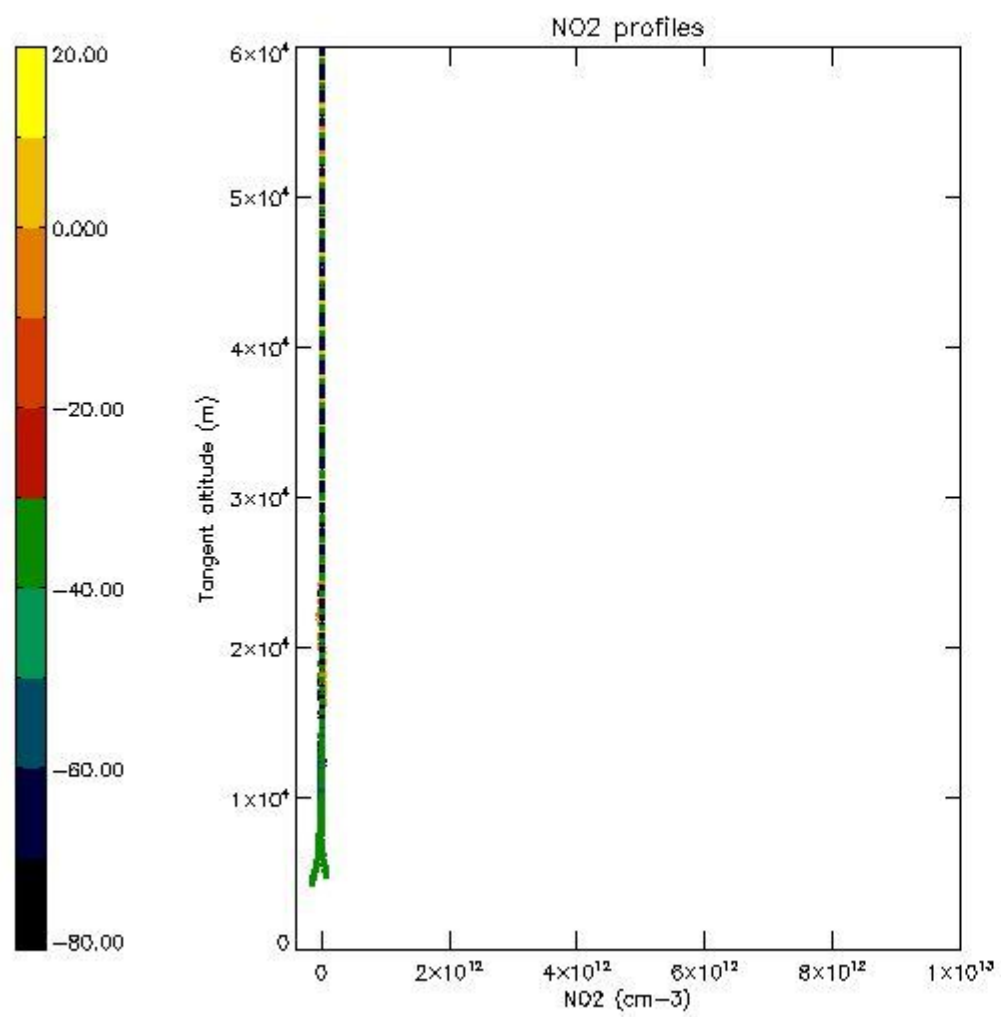
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



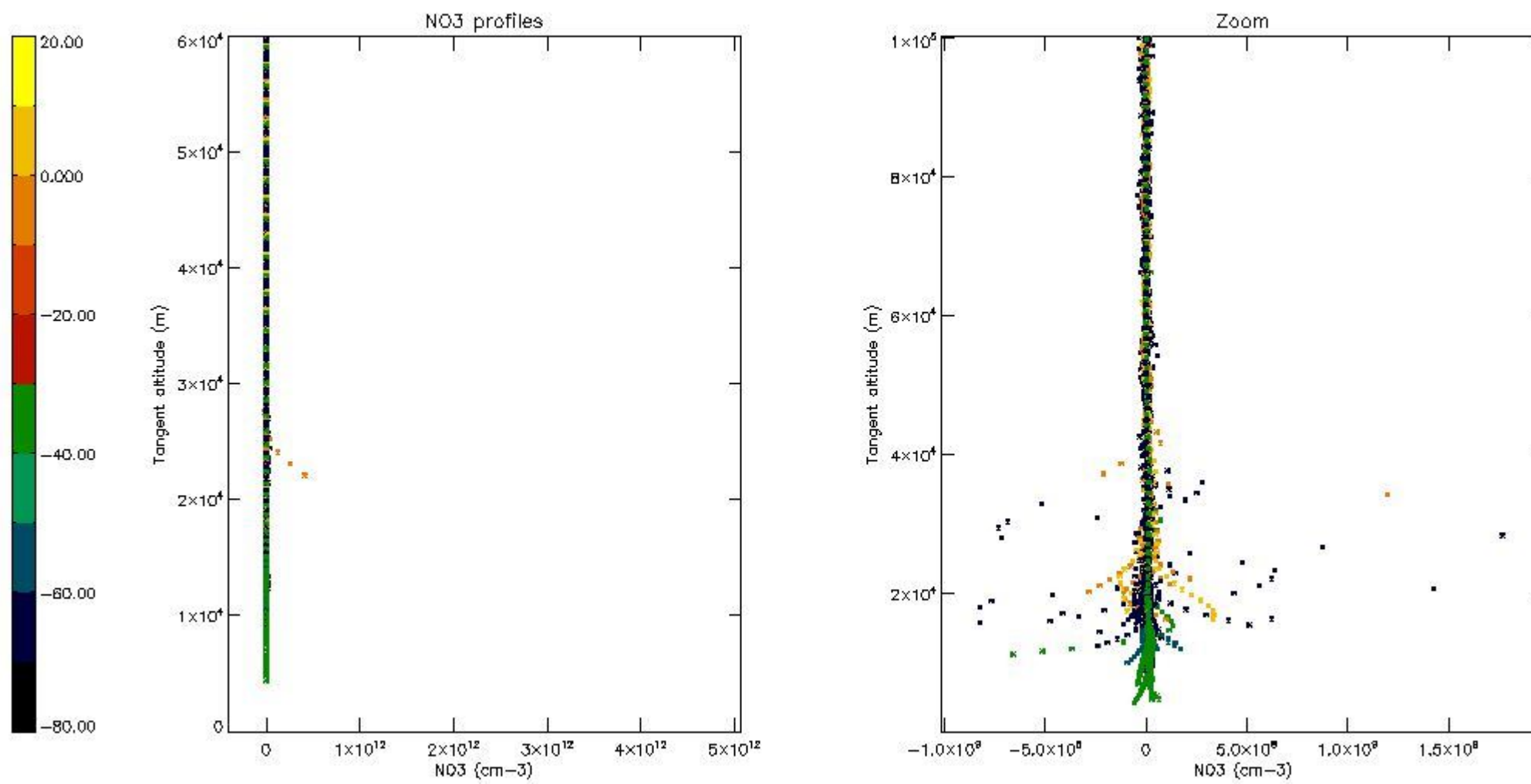
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



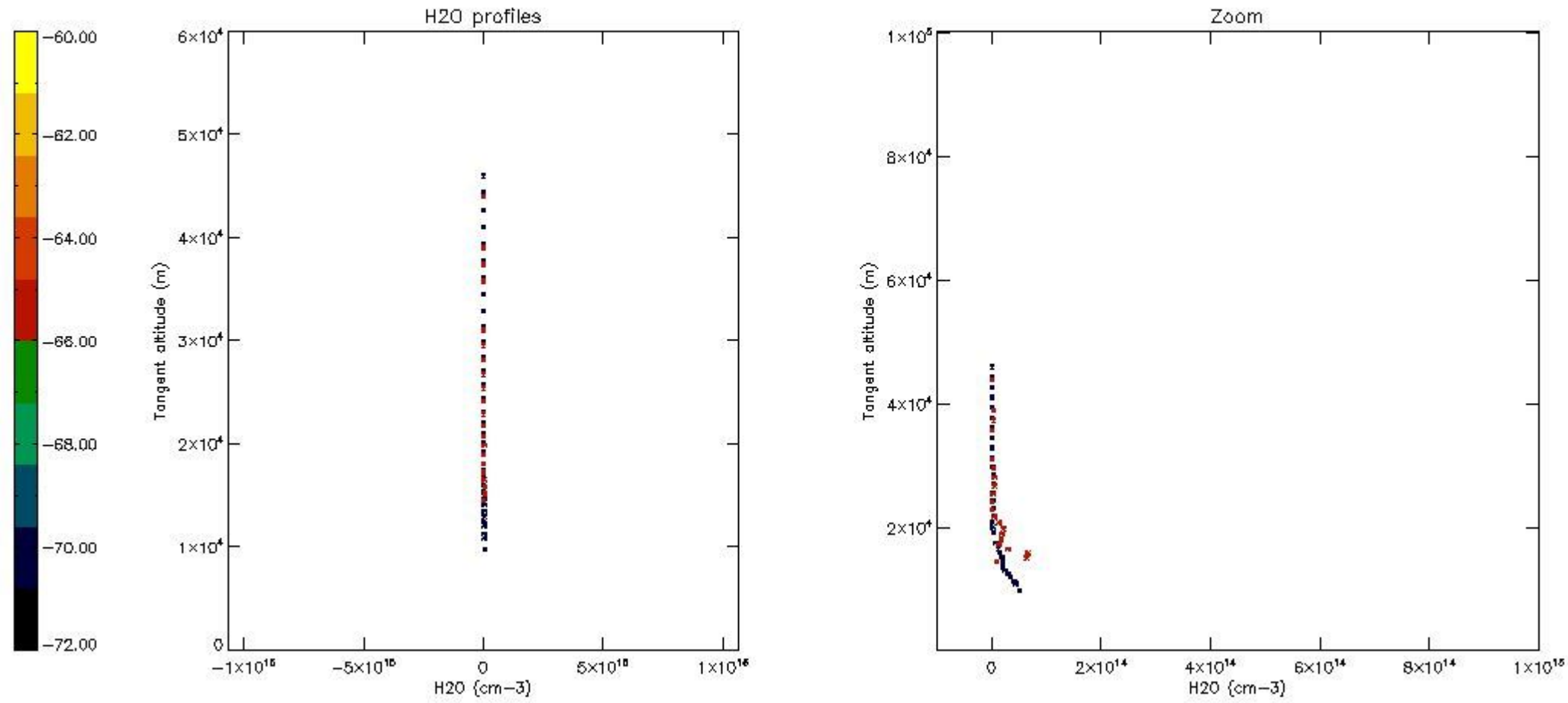
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

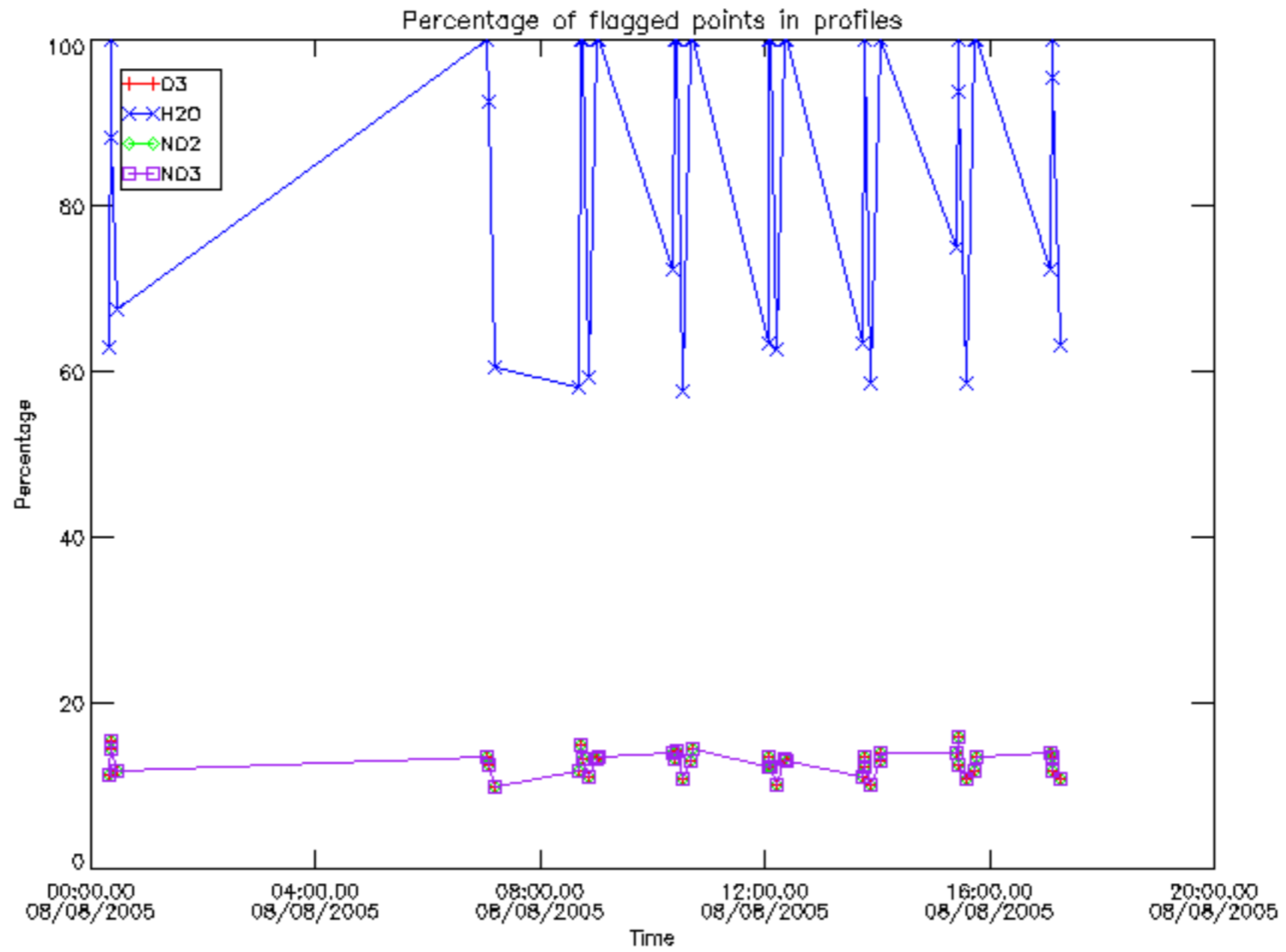
The colorbar represents the latitude.



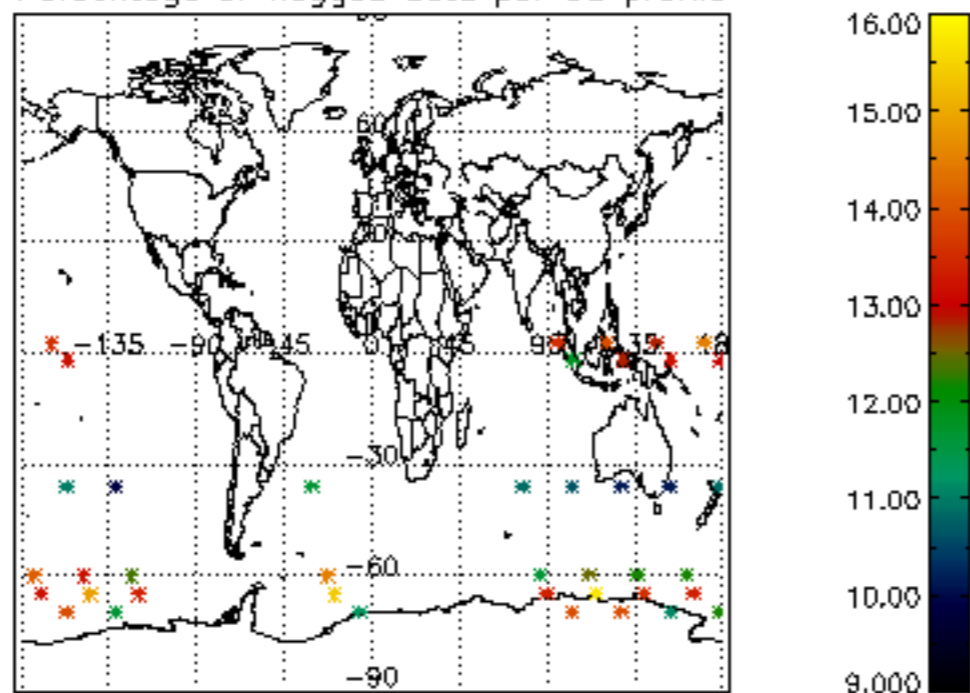
6. Auxiliary Data Files used for the production reported in section 2

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.

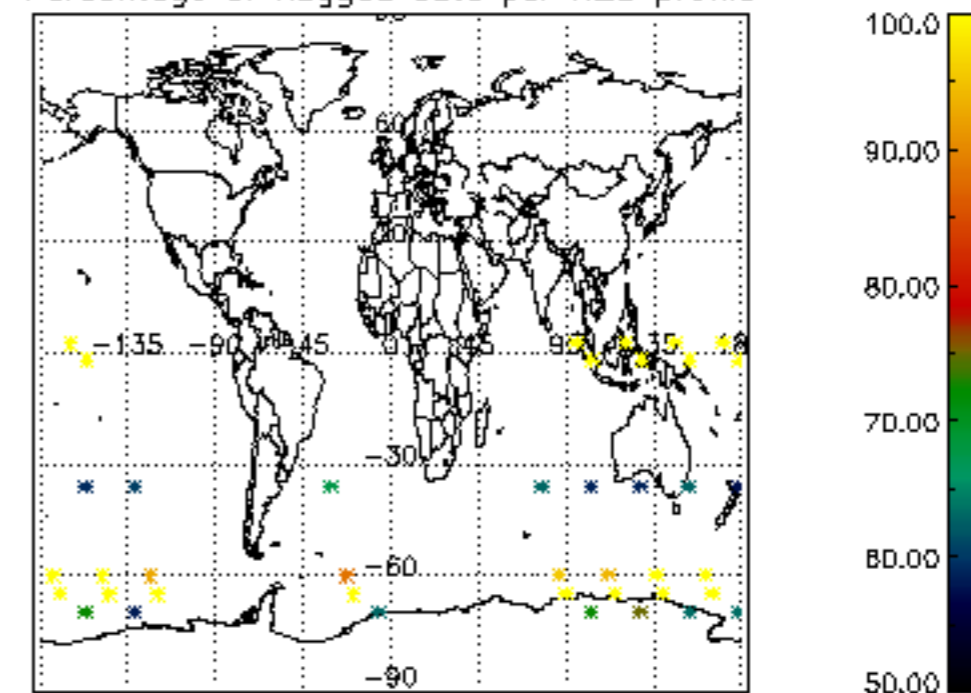
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	08-AUG-2005 00:18:44
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	08-AUG-2005 00:18:44
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	08-AUG-2005 00:18:44



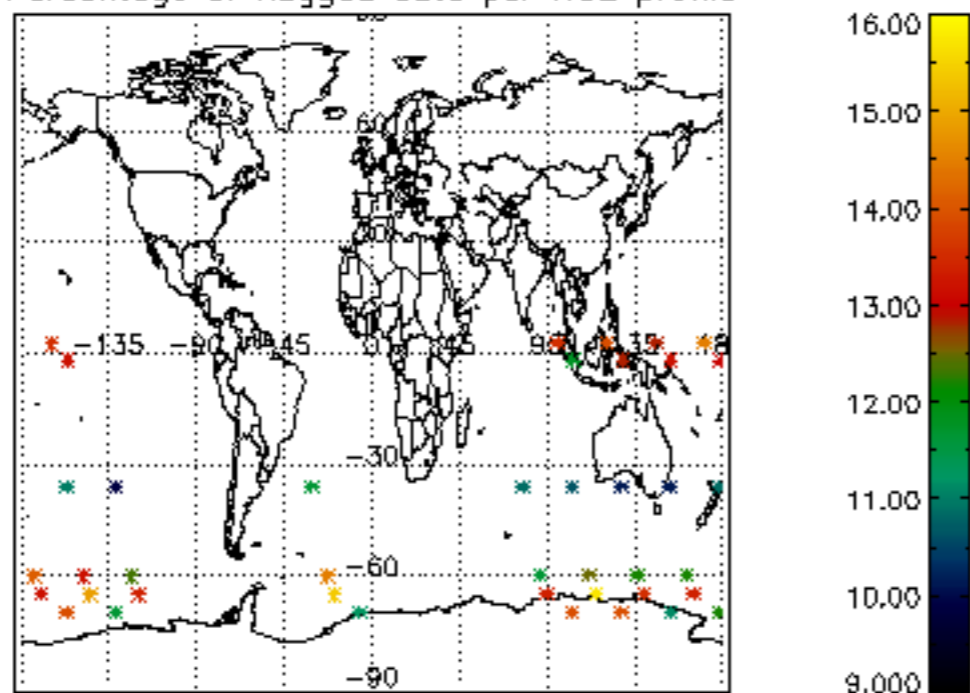
Percentage of flagged data per D3 profile



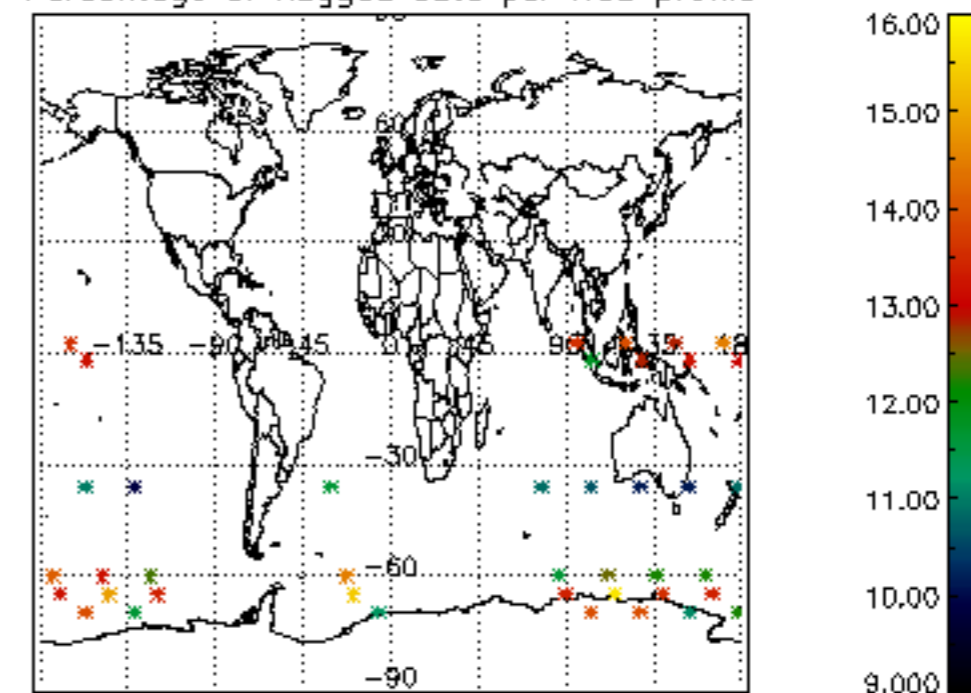
Percentage of flagged data per H2O profile

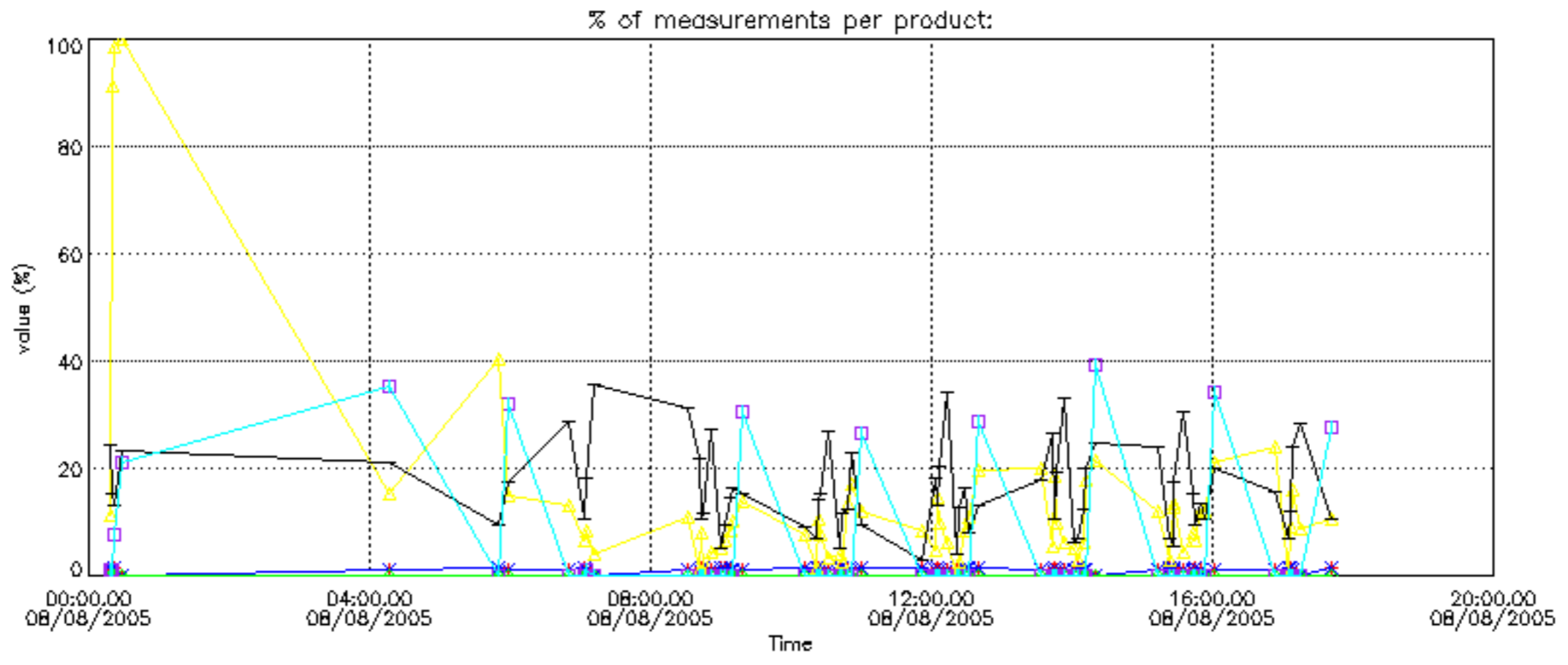


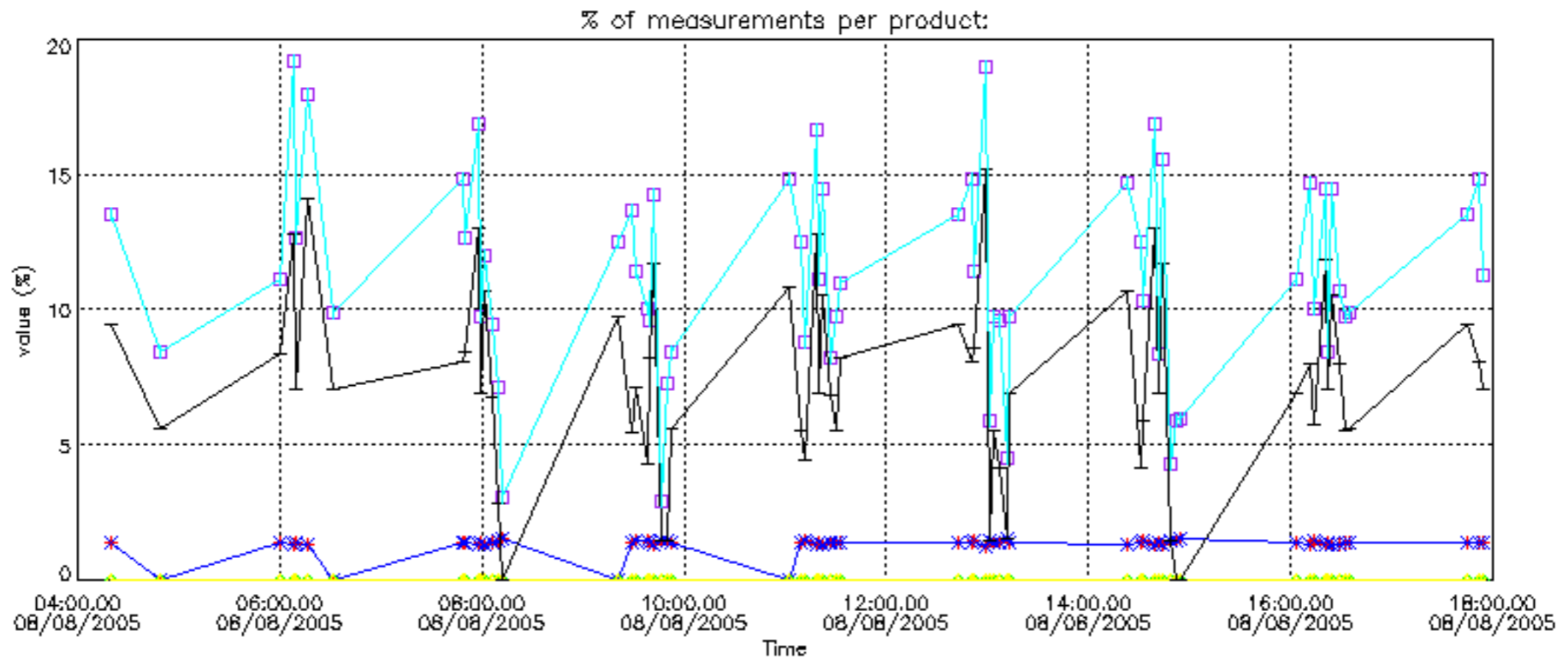
Percentage of flagged data per NO2 profile



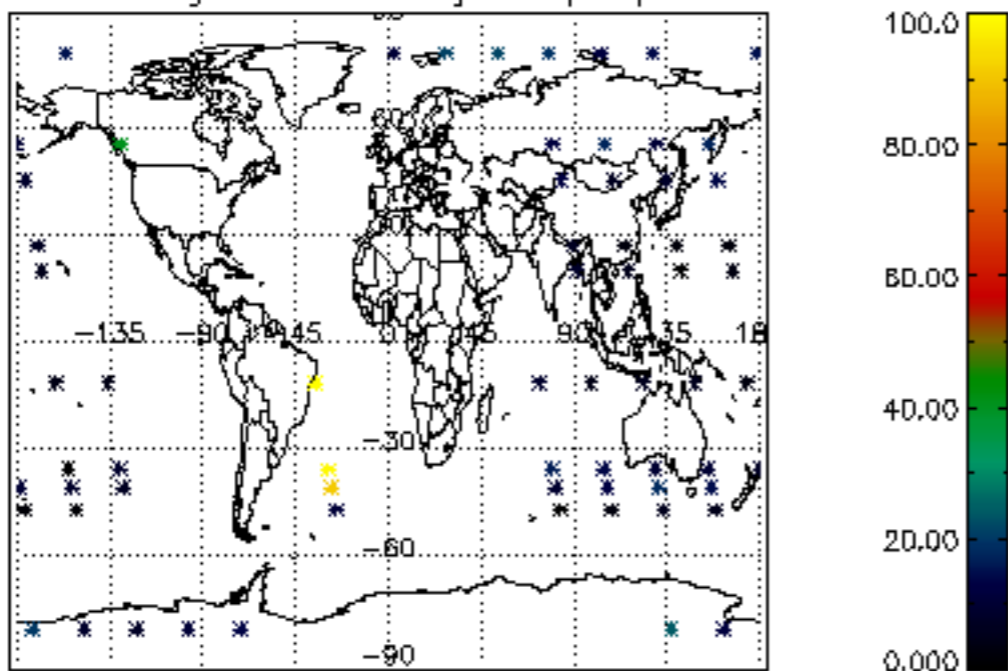
Percentage of flagged data per NO3 profile



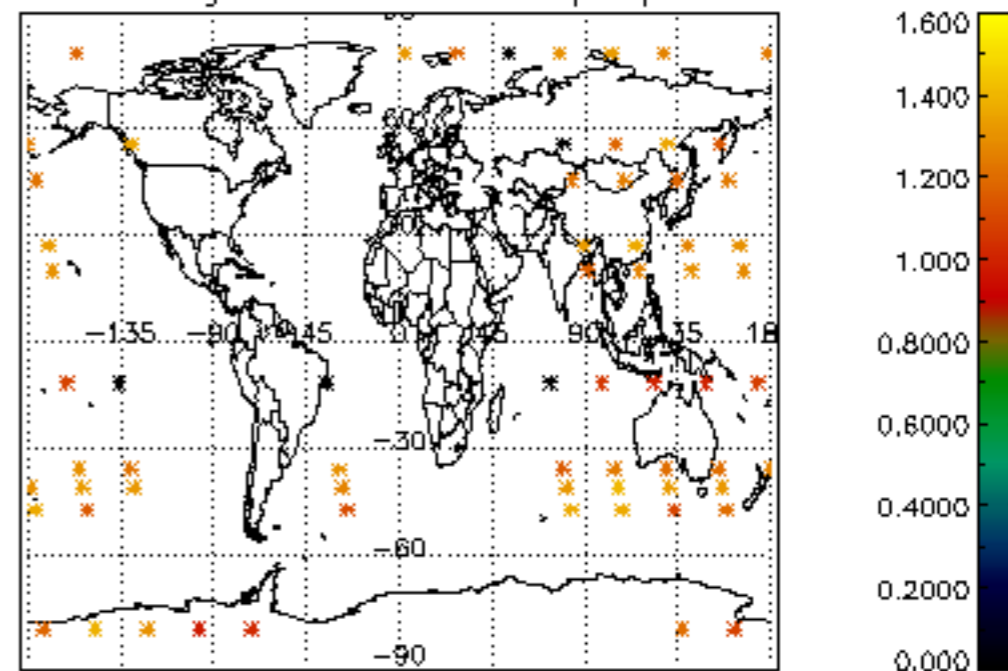




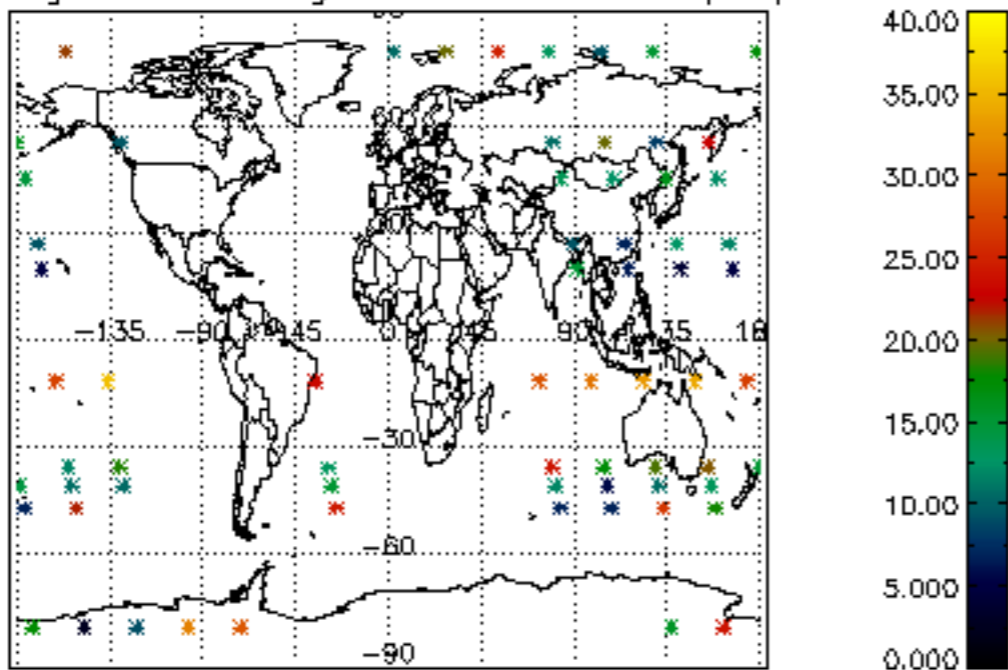
Percentage of cosmic ray hits per profile



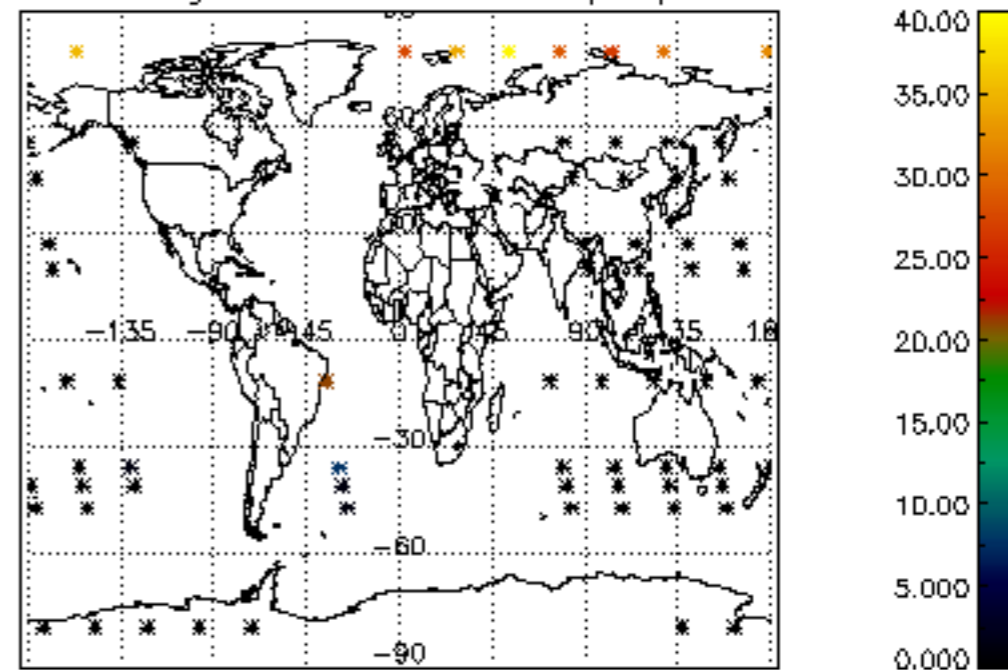
Percentage of datation errors per profile



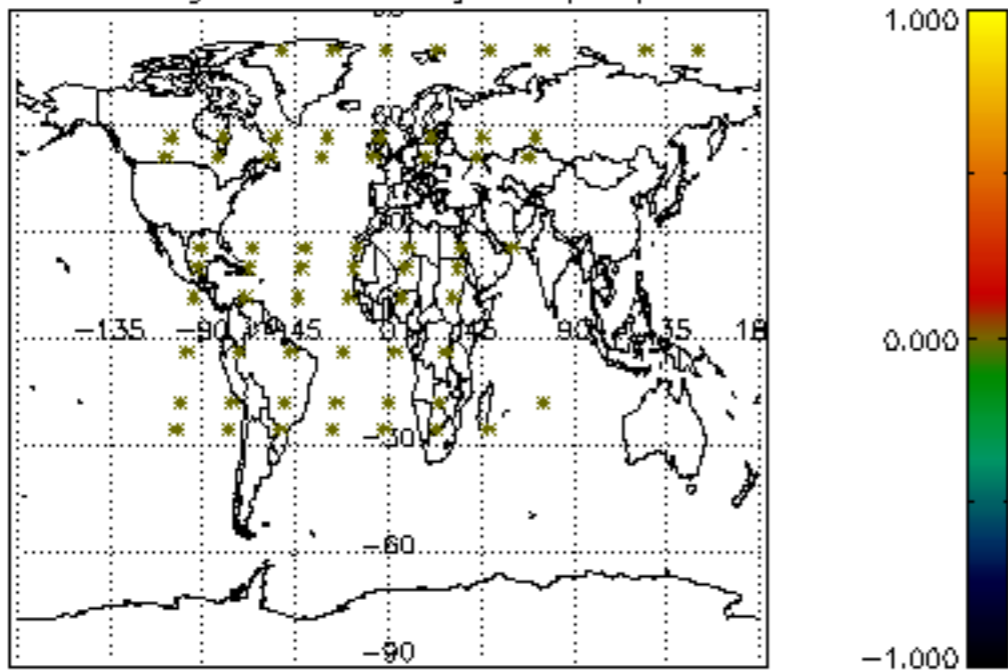
Percentage of star falling outside central band per profile



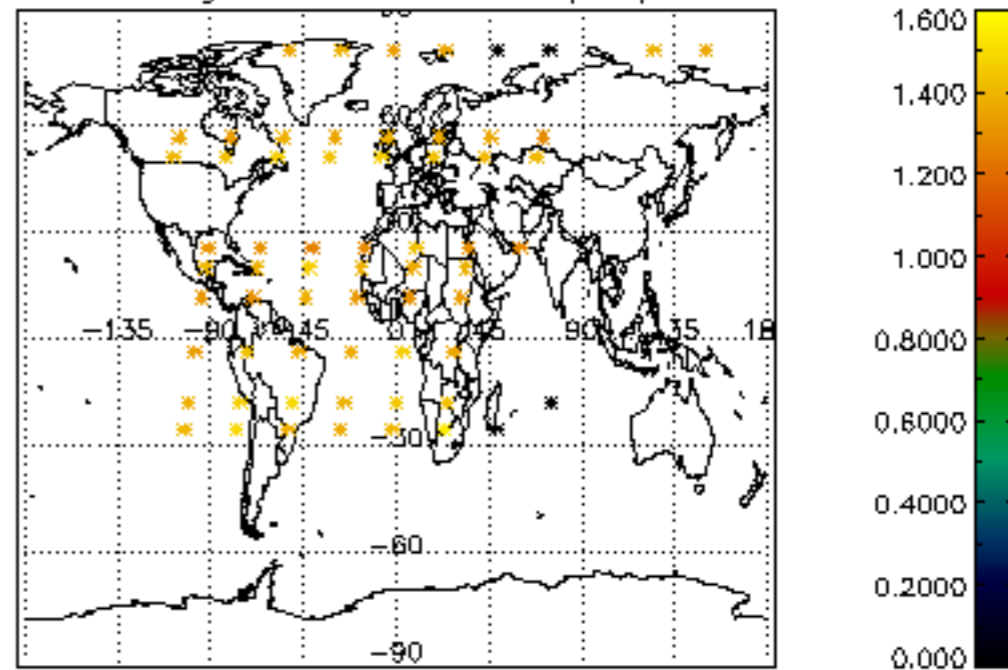
Percentage of saturation errors per profile



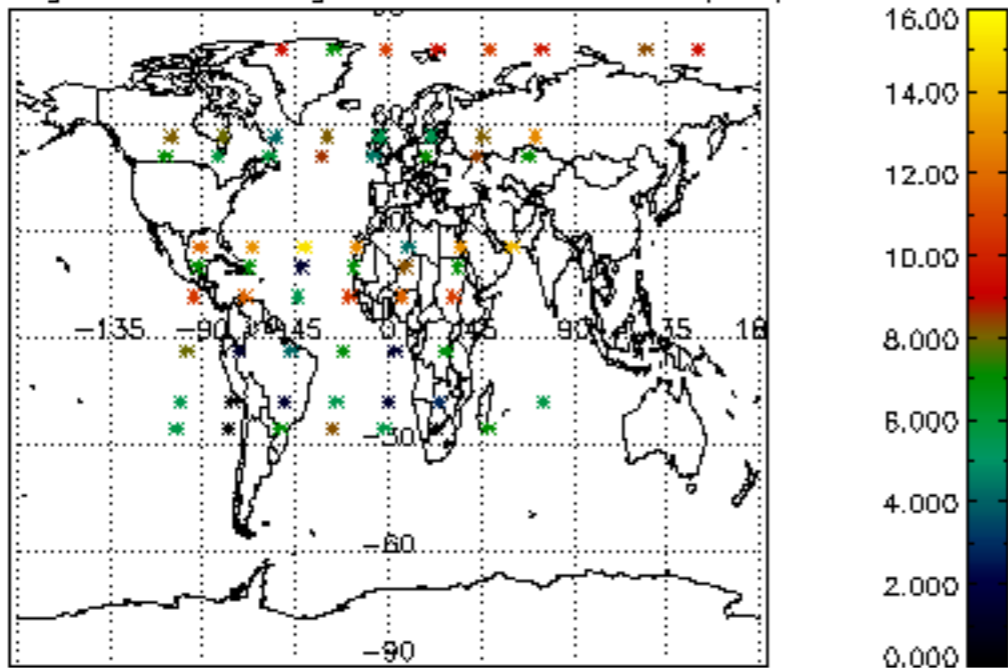
Percentage of cosmic ray hits per profile



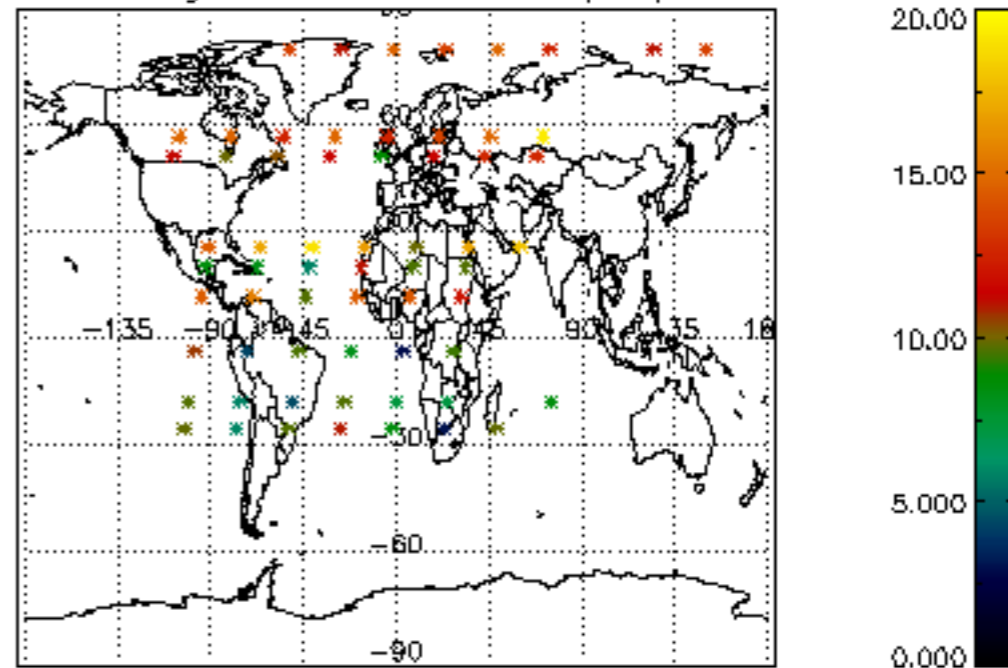
Percentage of datation errors per profile

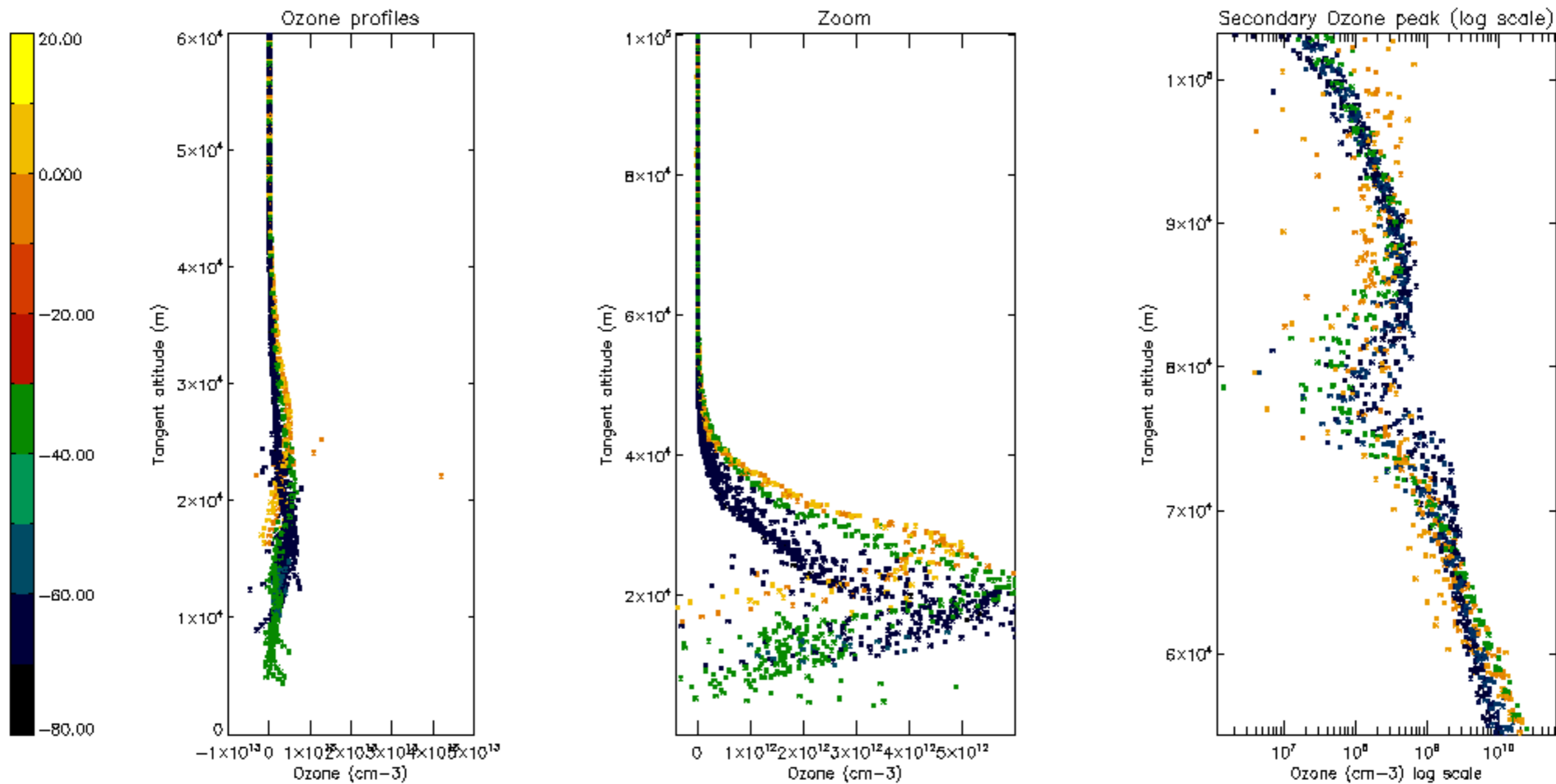


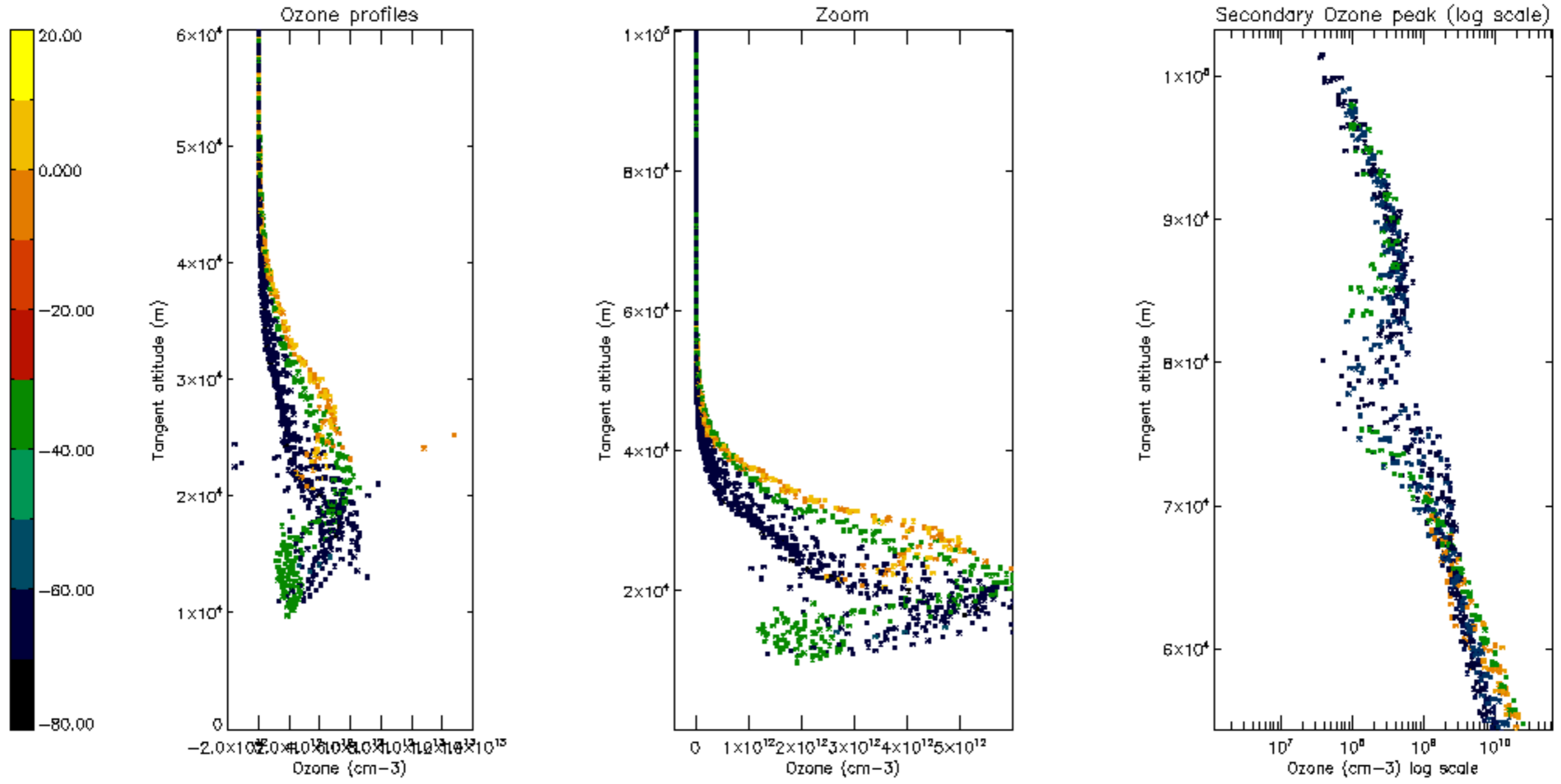
Percentage of star falling outside central band per profile

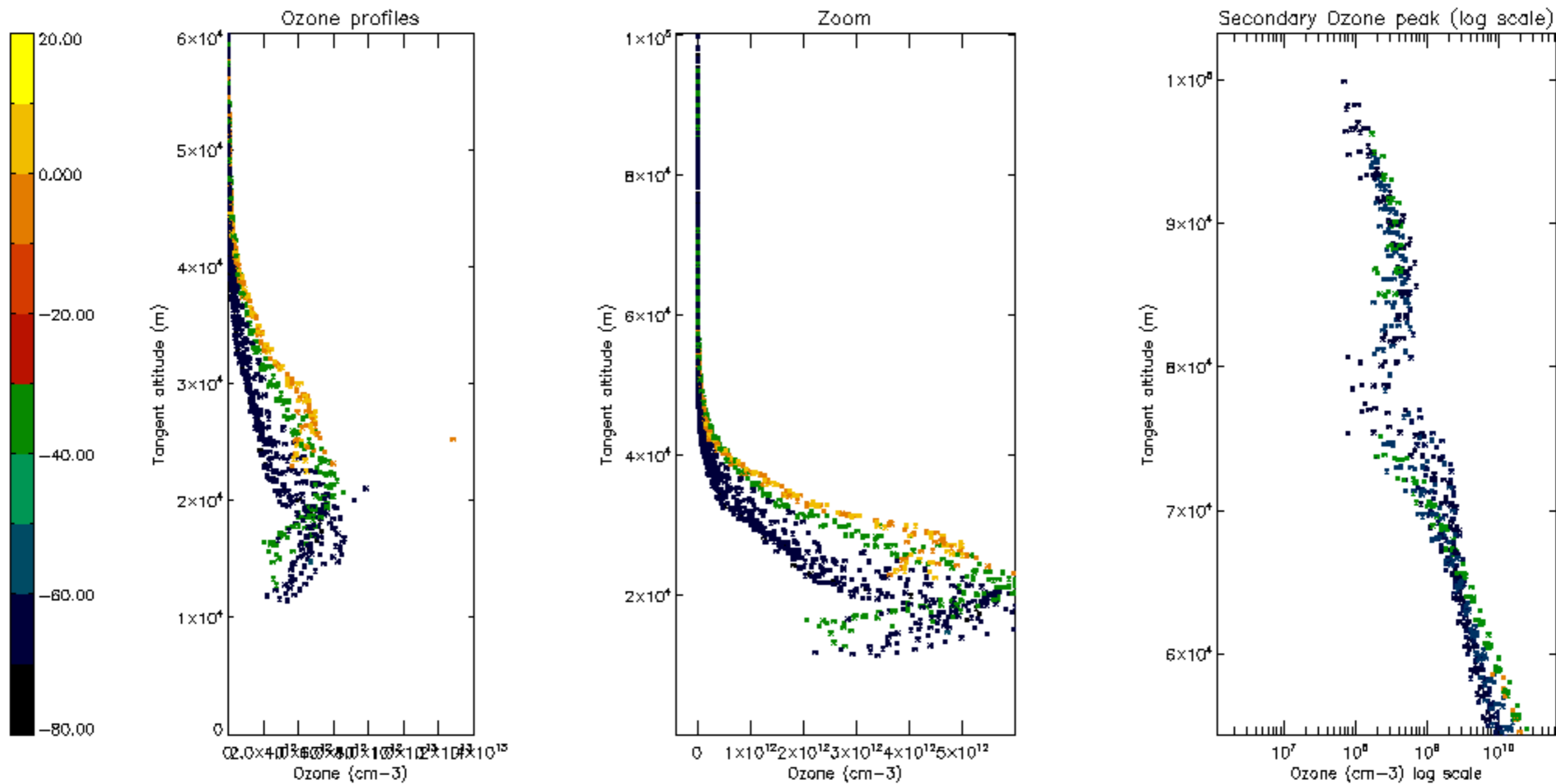


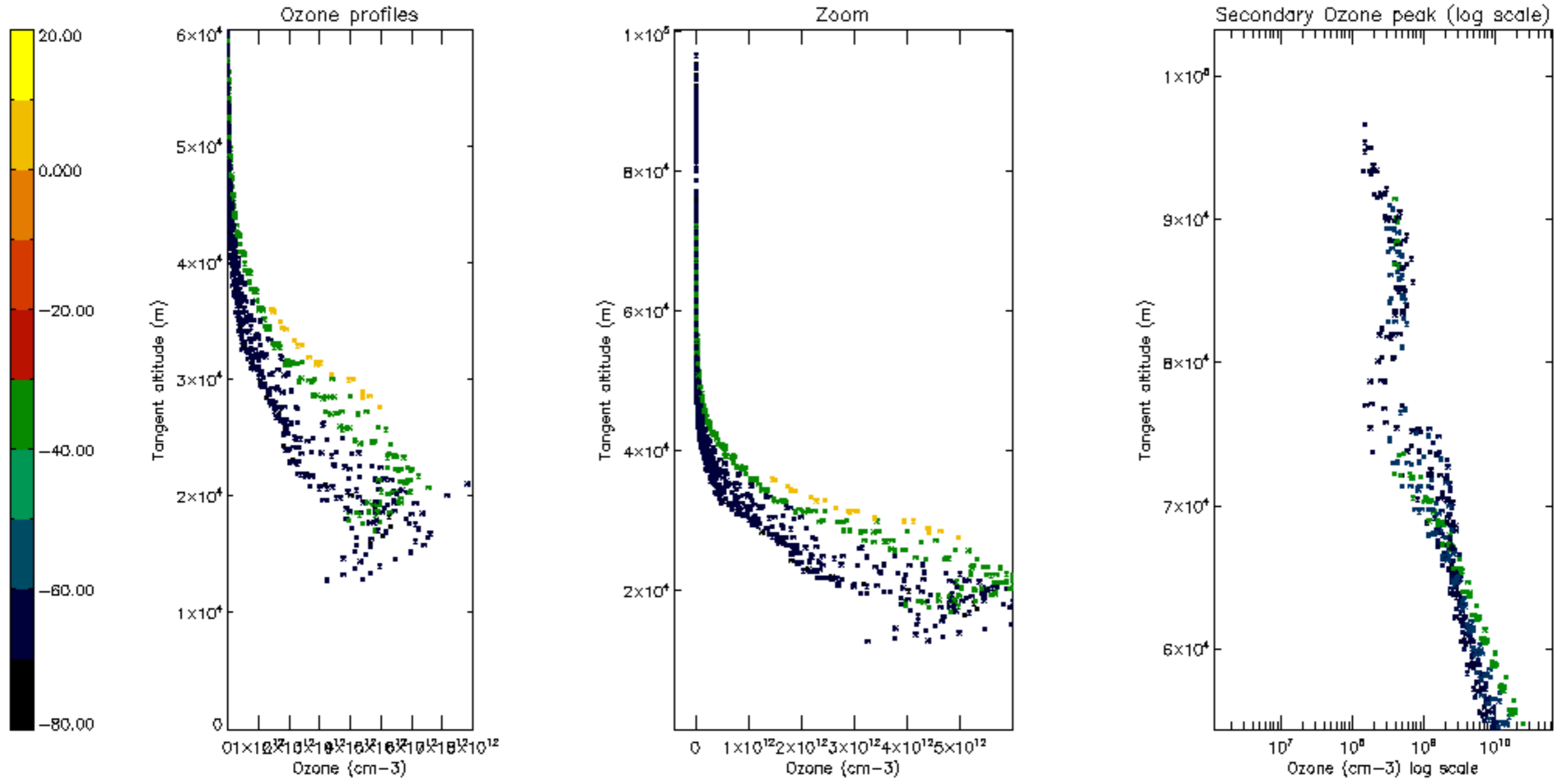
Percentage of saturation errors per profile

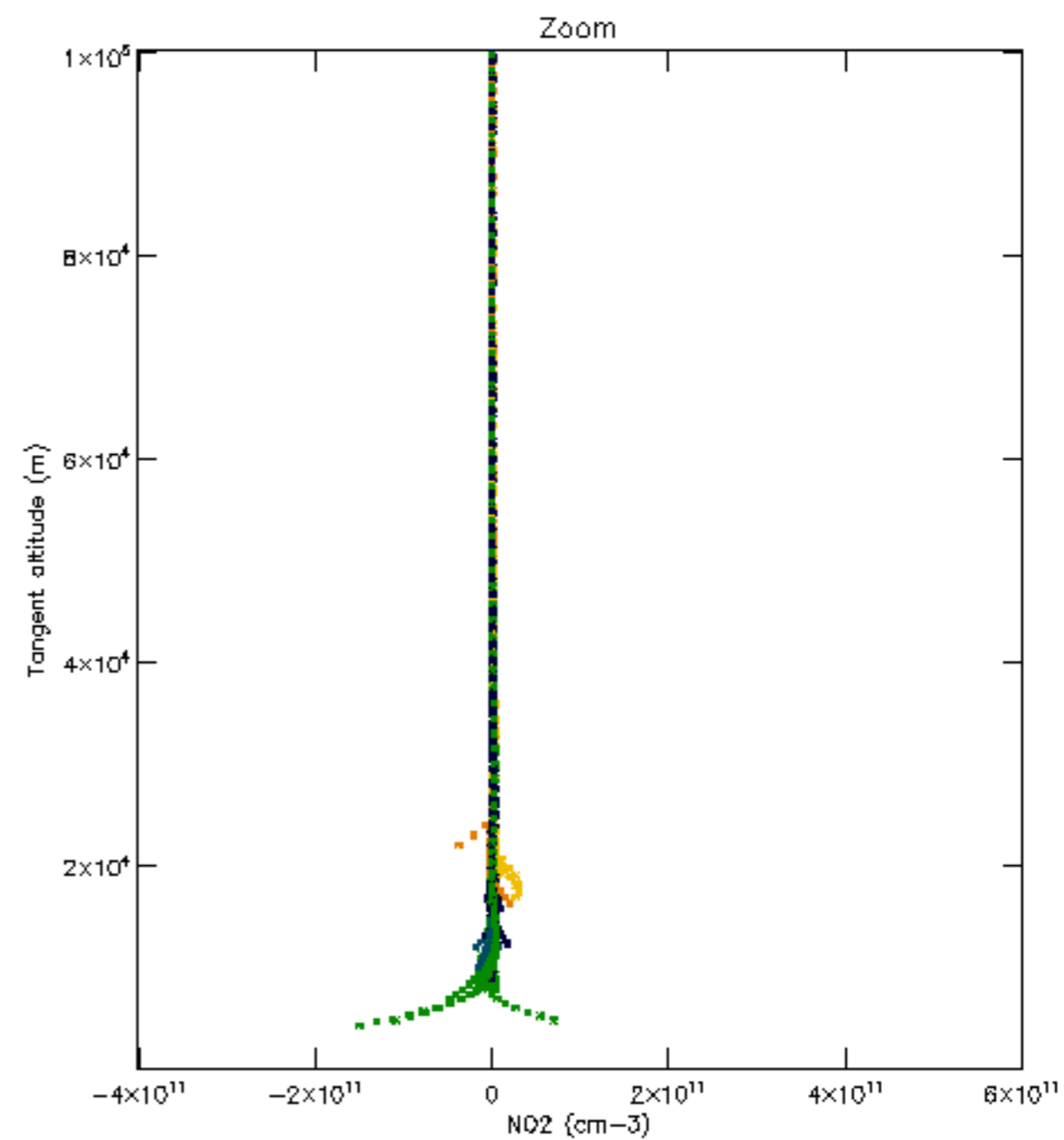
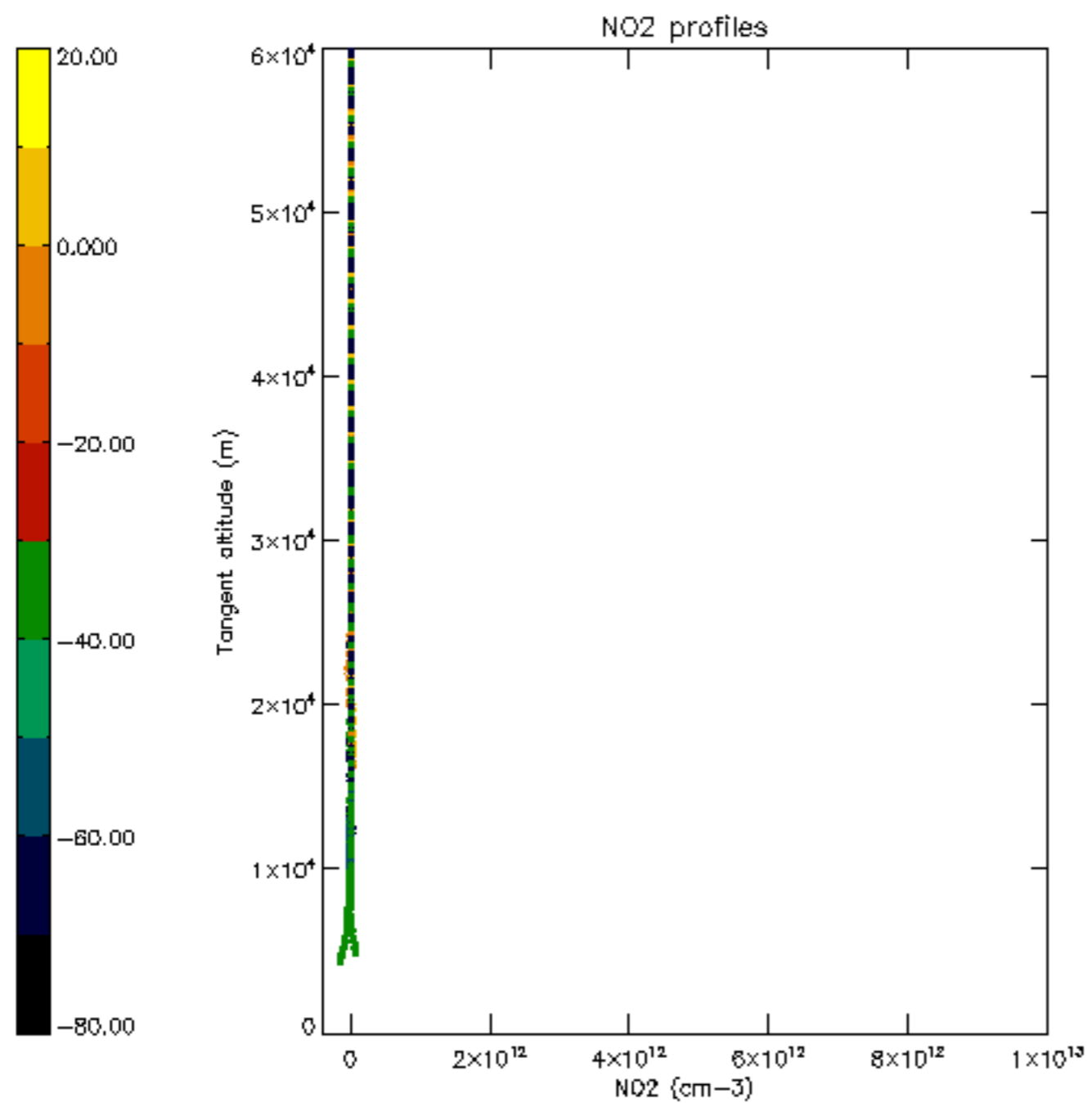


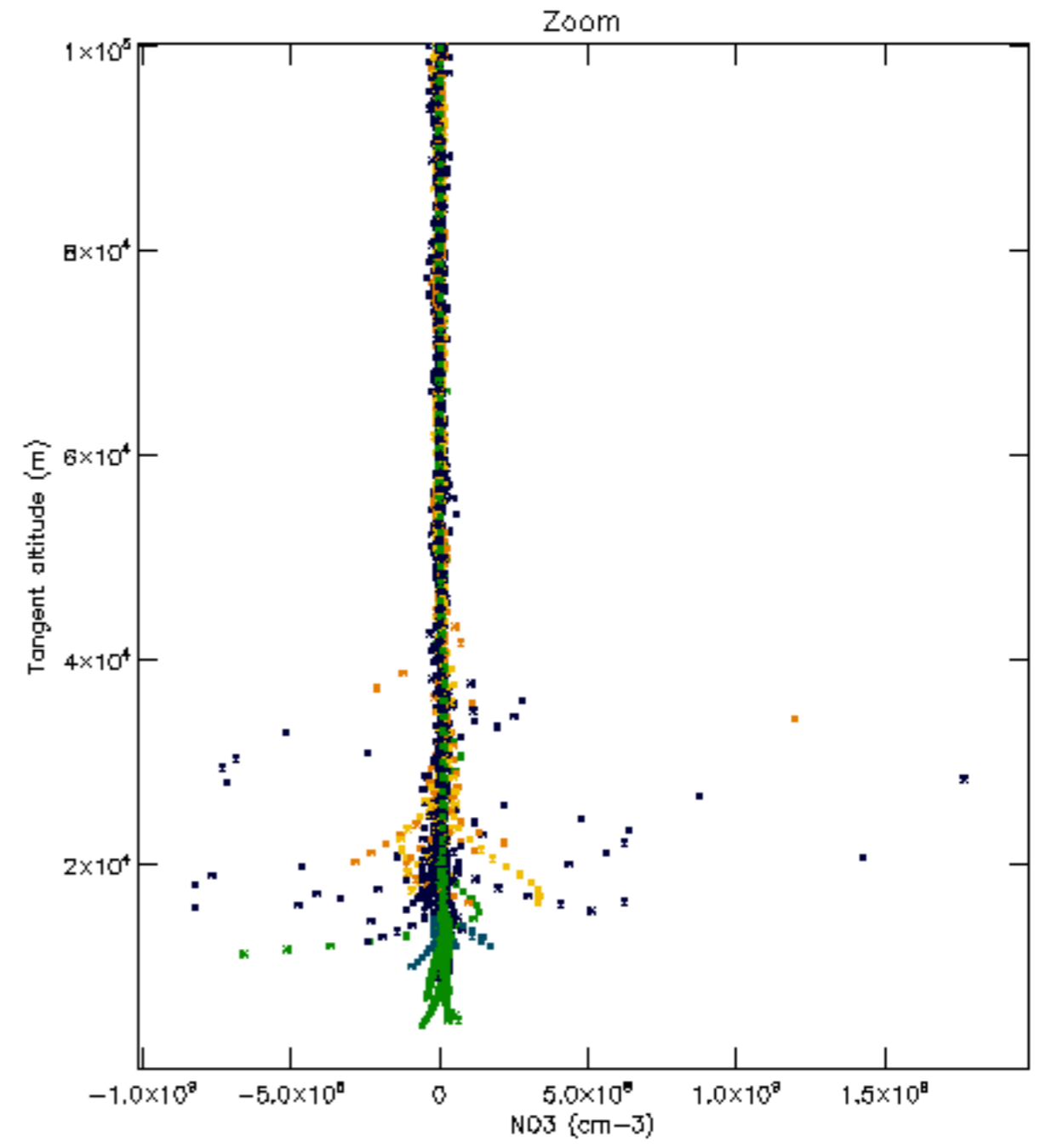
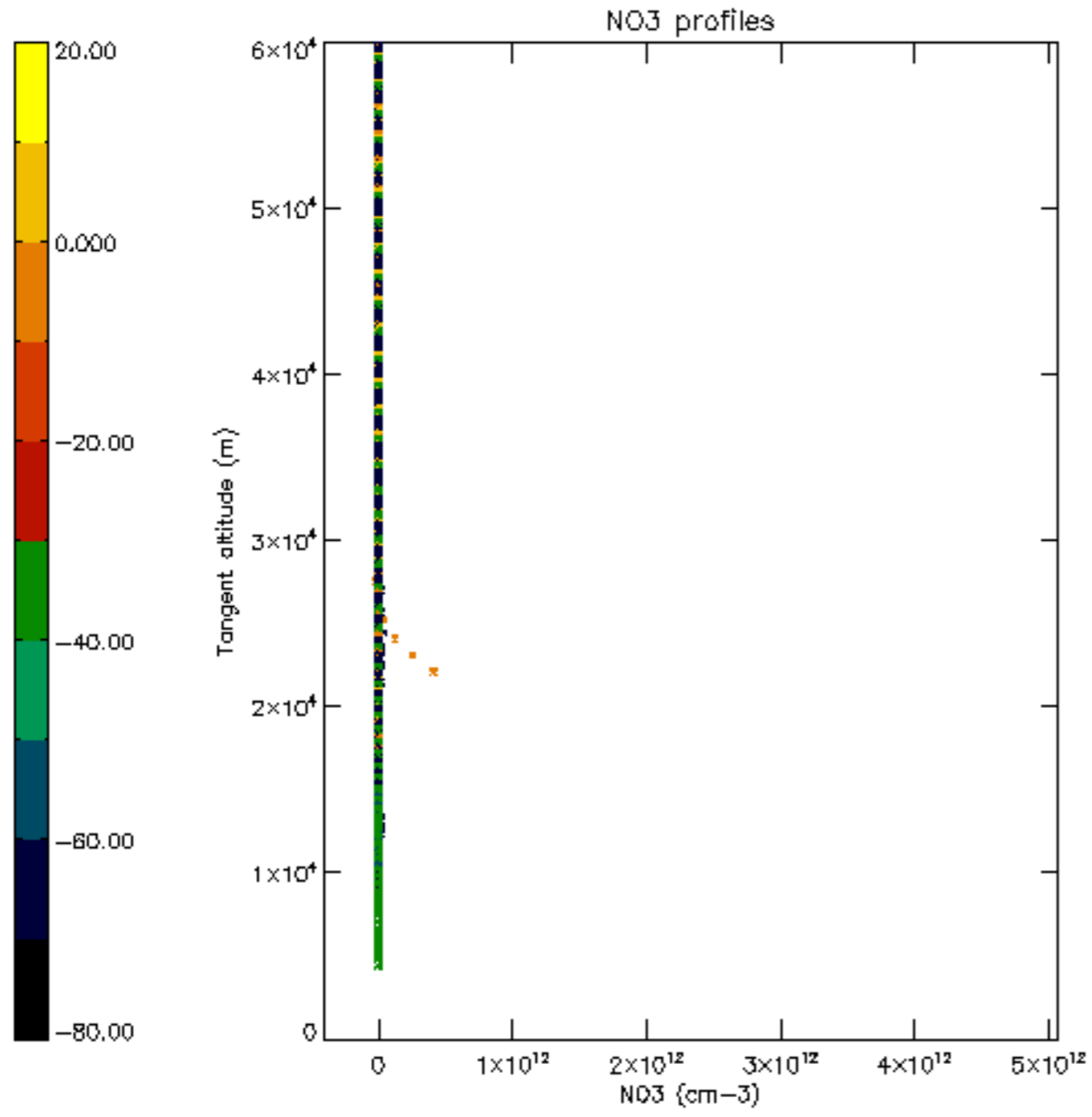


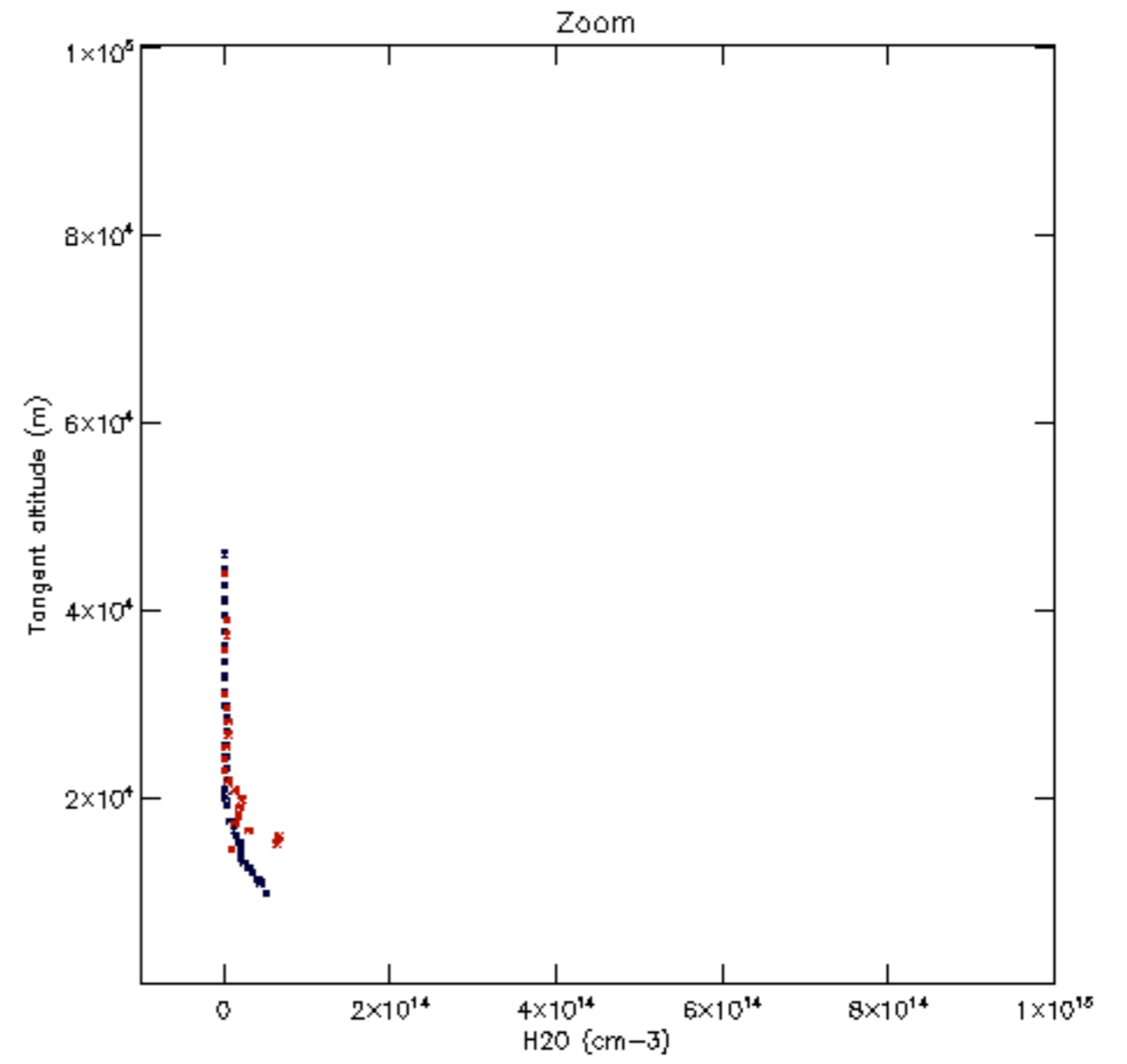
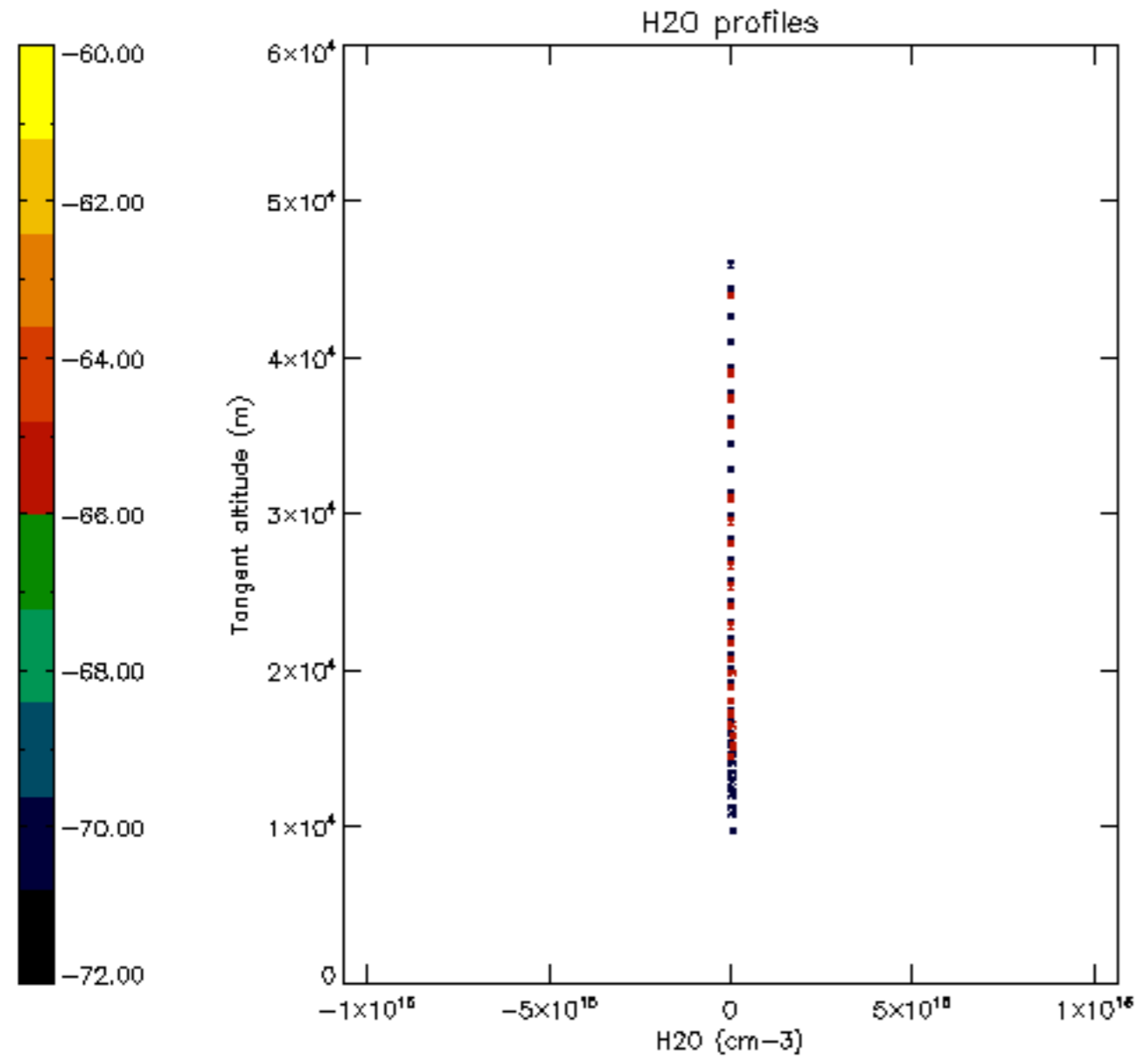


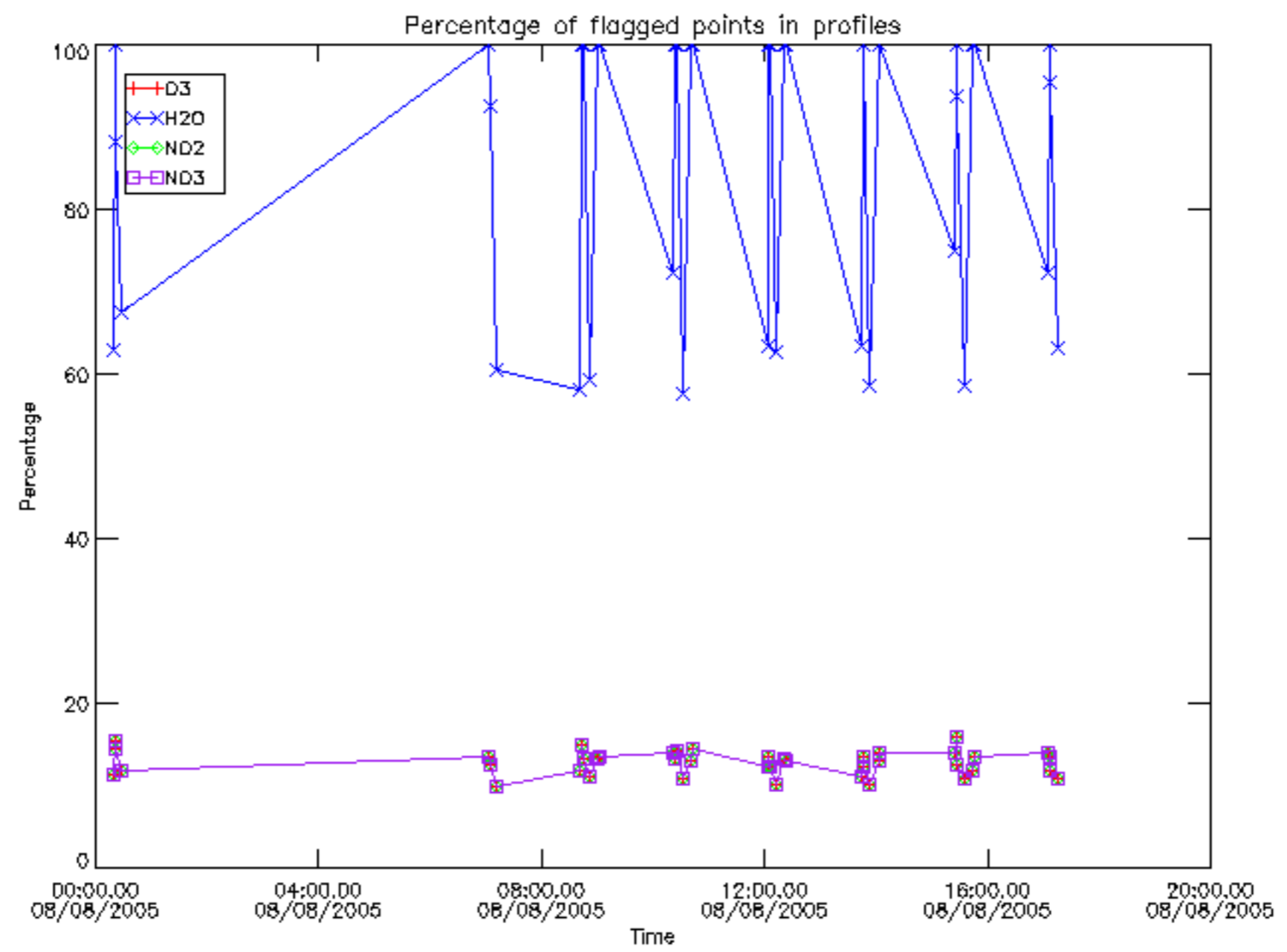




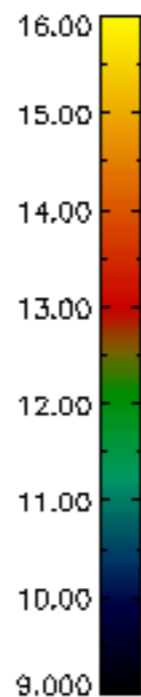
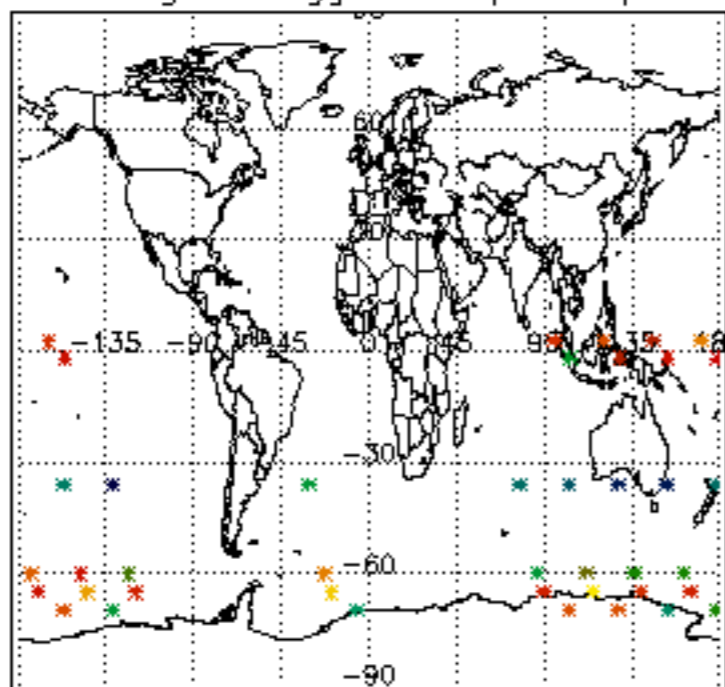




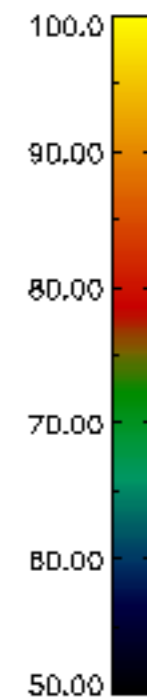
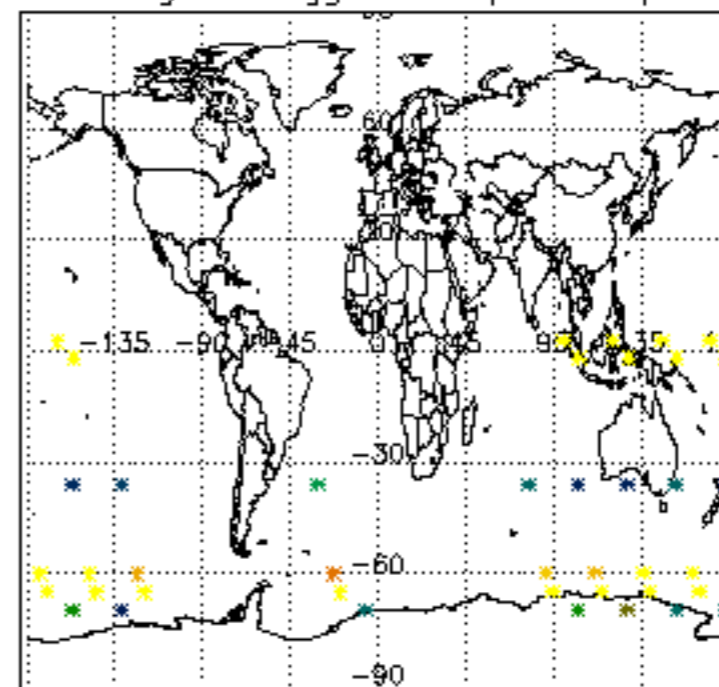




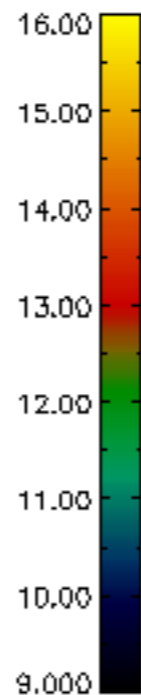
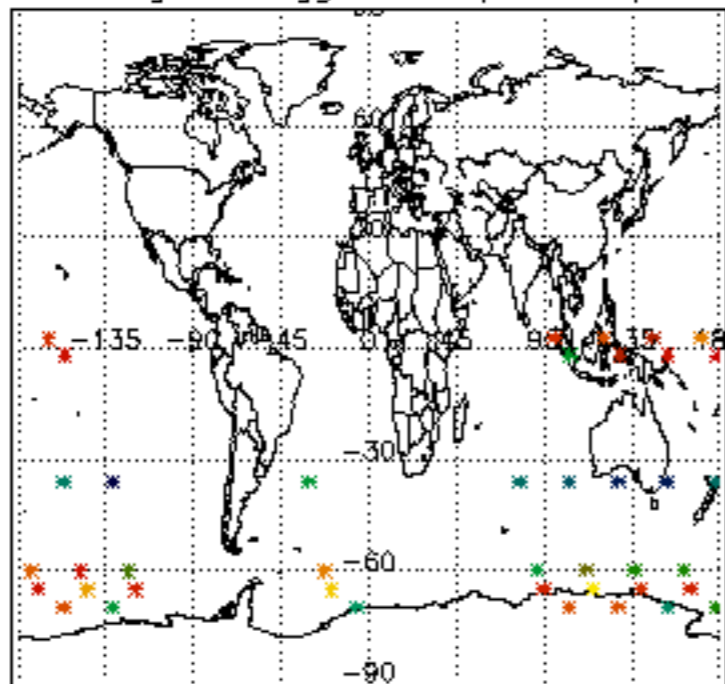
Percentage of flagged data per D3 profile



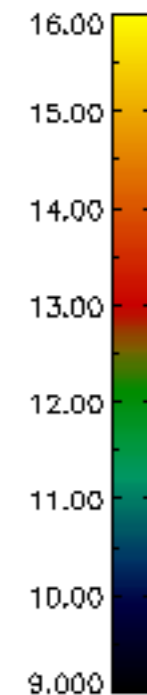
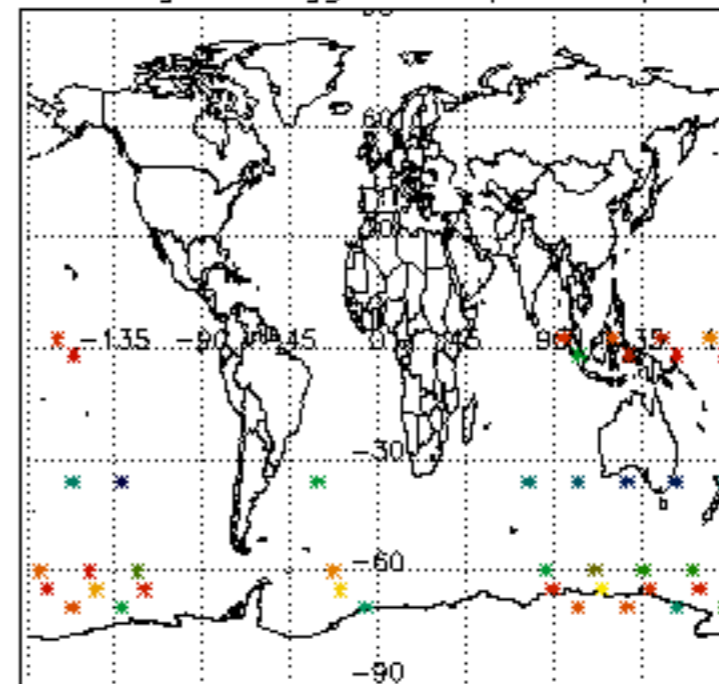
Percentage of flagged data per H2O profile

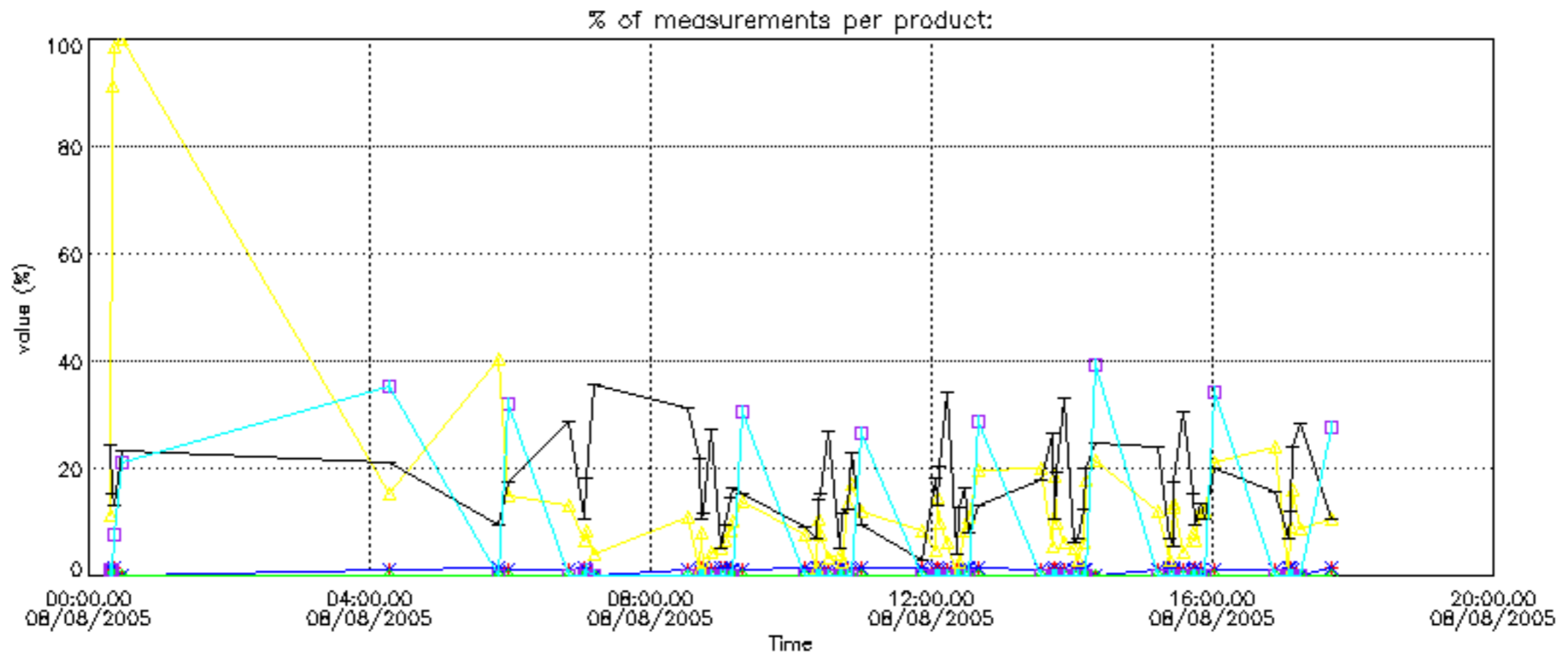


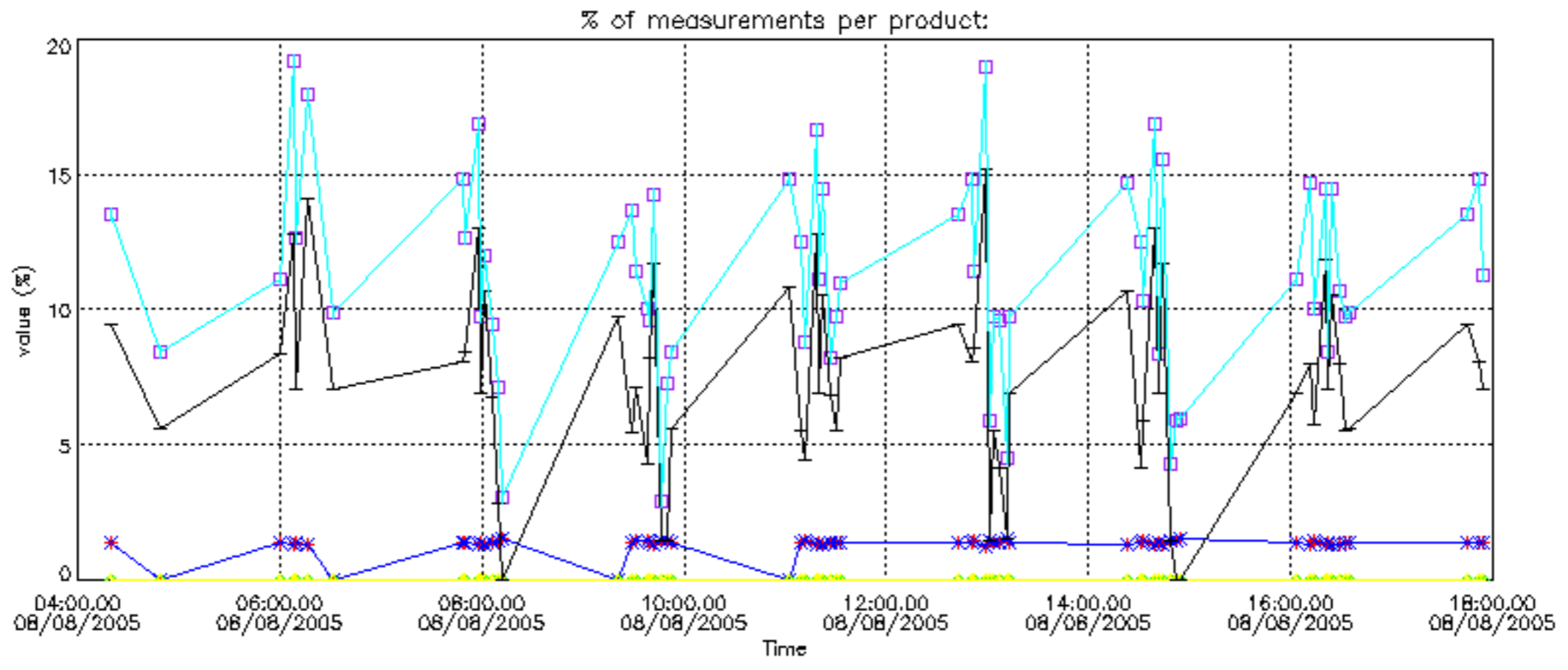
Percentage of flagged data per NO2 profile



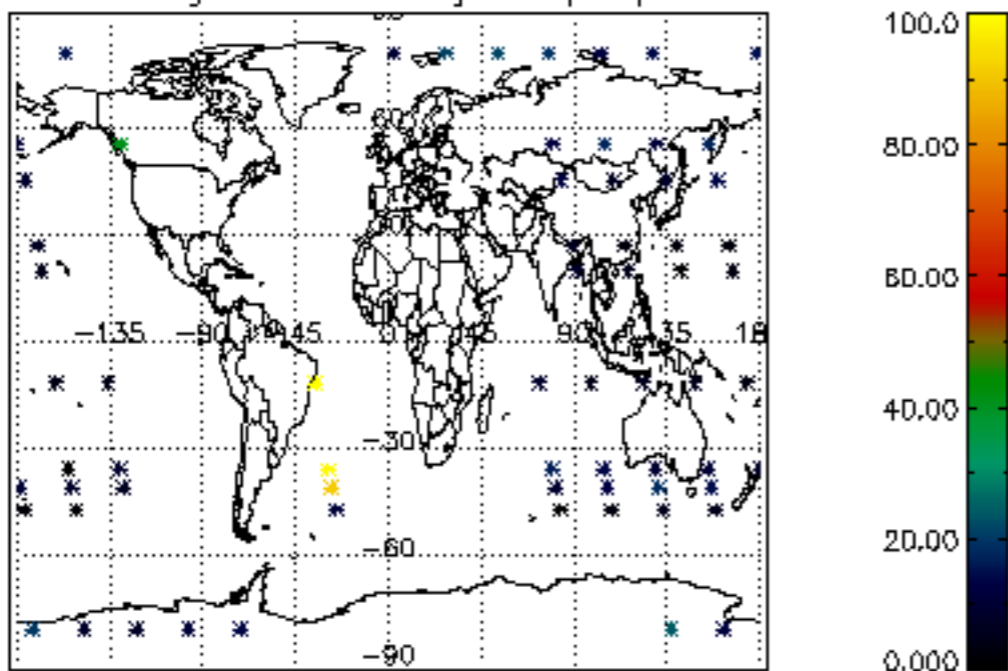
Percentage of flagged data per NO3 profile



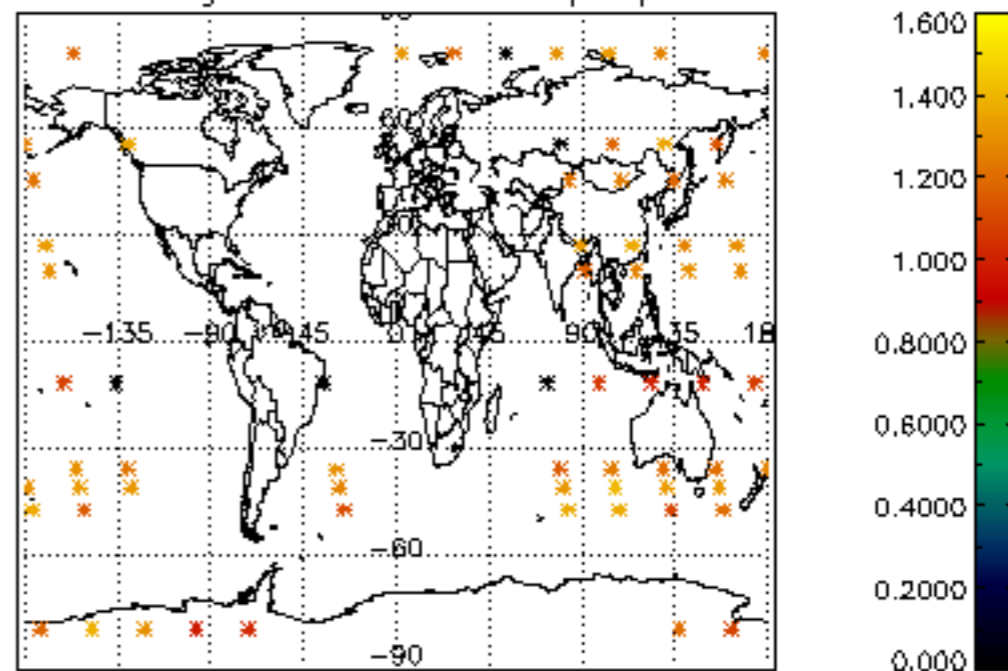




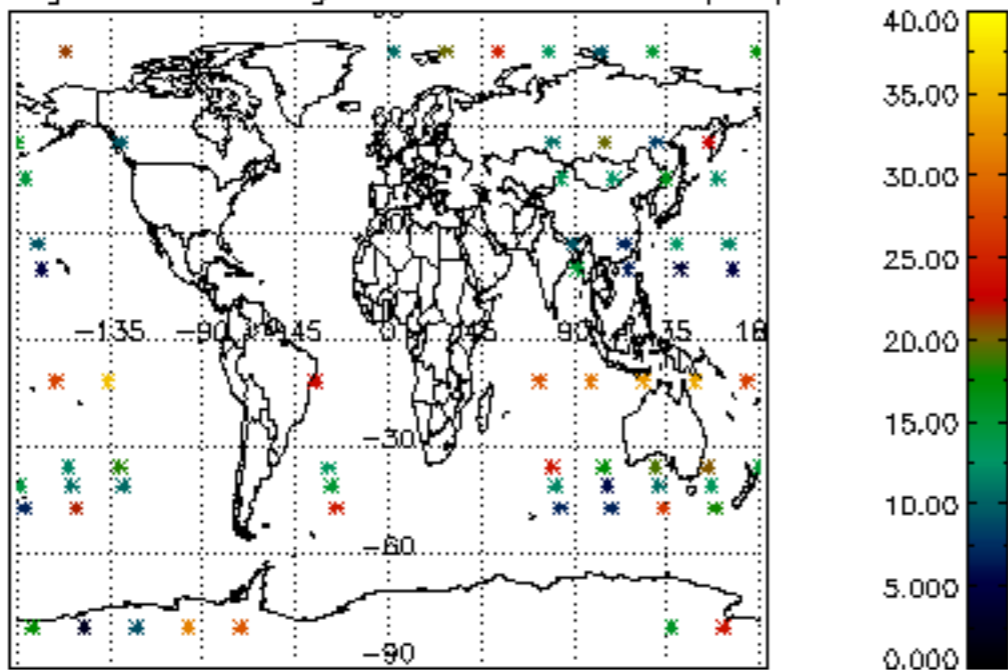
Percentage of cosmic ray hits per profile



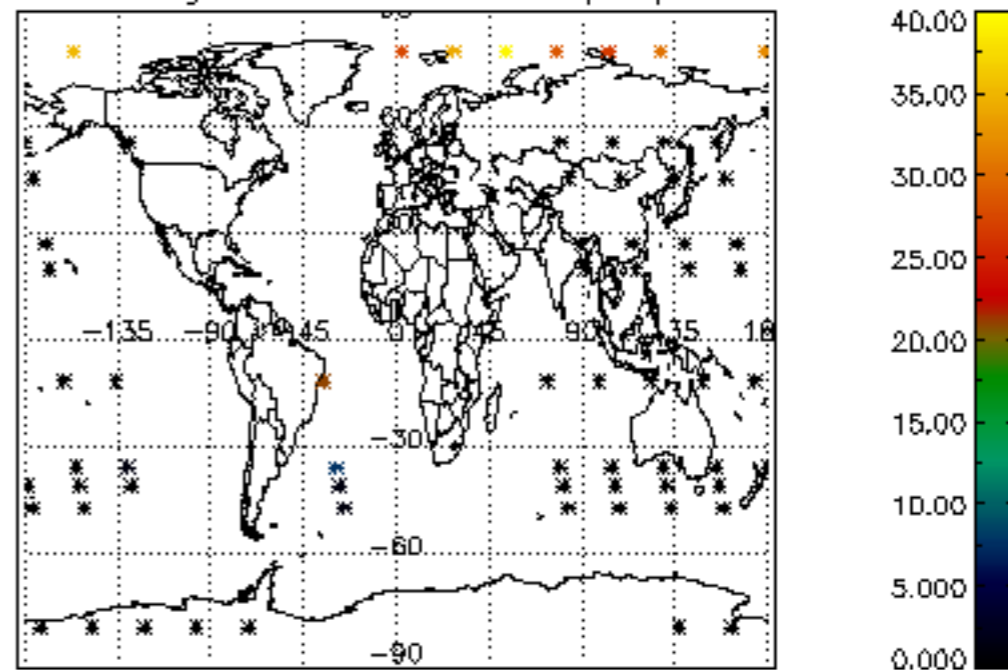
Percentage of datation errors per profile



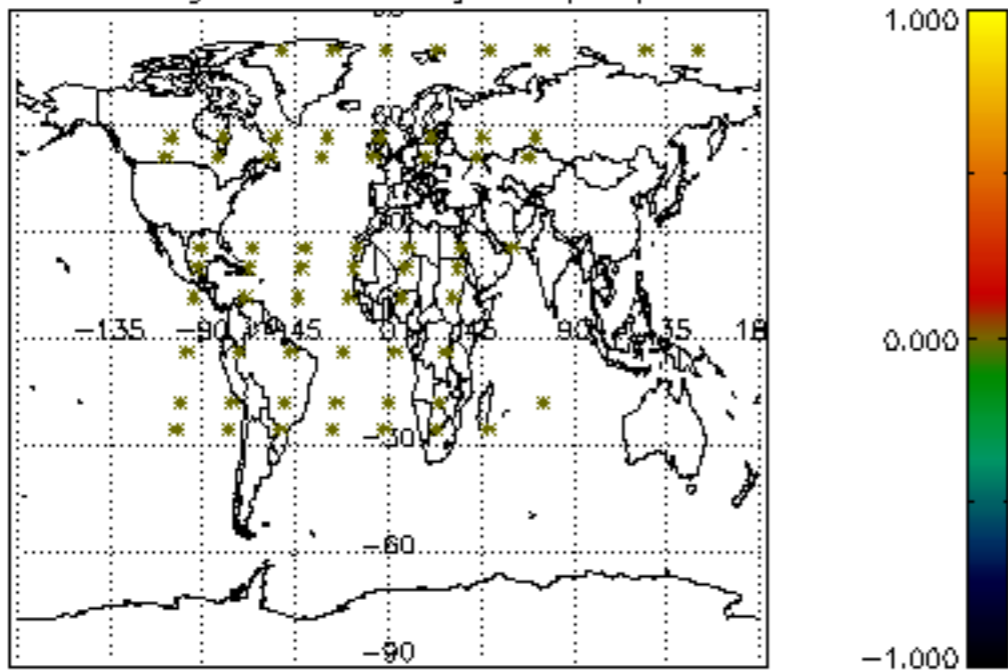
Percentage of star falling outside central band per profile



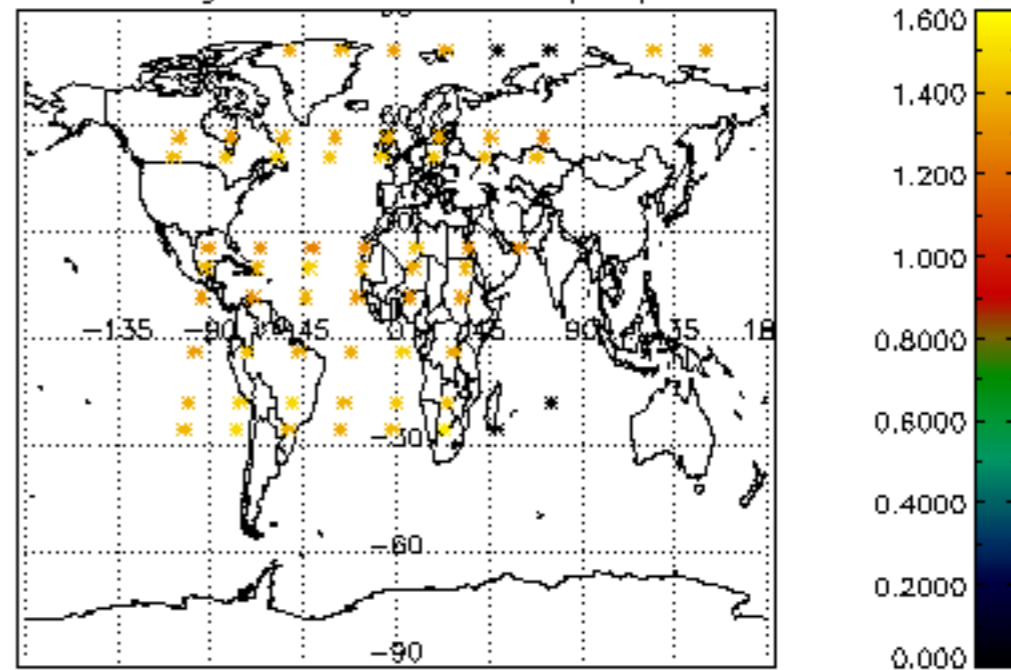
Percentage of saturation errors per profile



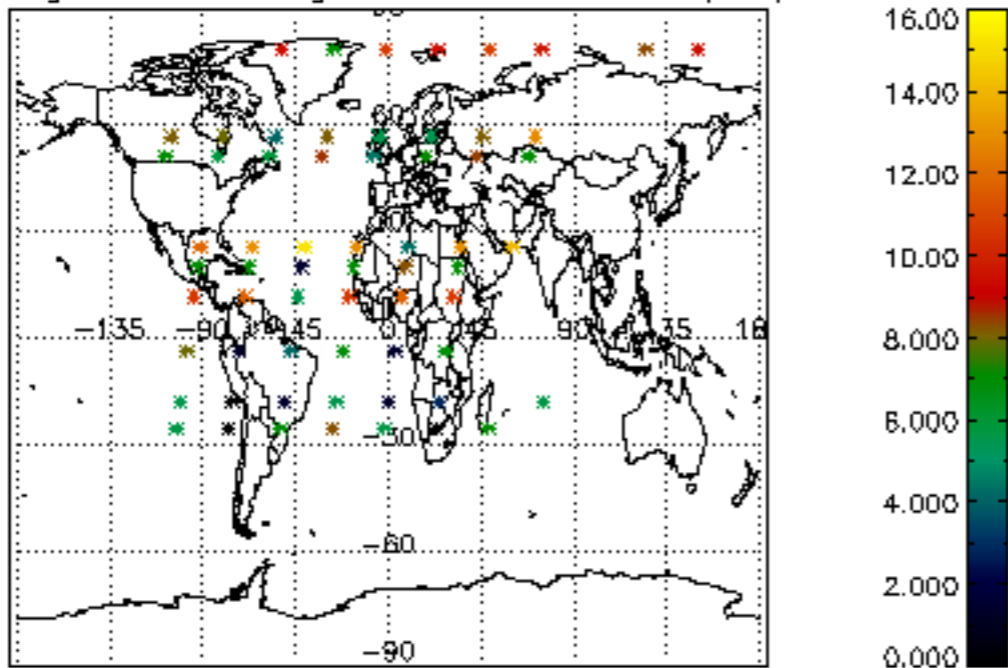
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

