

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 10:43:48
Data source version	GOMOS/6.01
Start time of products	03-09-2005 (03SEP2005 00:00:00)
Stop time of products	04-09-2005 (04SEP2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	181
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__2PRFIN20050903_000349_000000372040_00259_18349_6500.N1	03-SEP-2005 00:03:49	Dark	37.000	132	15Rho Pup	2.8030	6900.0	74	18349	No
2	GOM_NL__2PRFIN20050903_000806_000000372040_00259_18349_6501.N1	03-SEP-2005 00:08:06	Dark	36.500	70	Zet Pup	2.2460	39000.	73	18349	No
3	GOM_NL__2PRFIN20050903_001314_000000372040_00259_18349_6502.N1	03-SEP-2005 00:13:14	Dark	37.000	41	Eps Car	1.8600	4100.0	74	18349	No
4	GOM_NL__2PRFIN20050903_002342_000000372040_00260_18350_6569.N1	03-SEP-2005 00:23:42	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18350	No
5	GOM_NL__2PRFIN20050903_002917_000000392040_00260_18350_6570.N1	03-SEP-2005 00:29:17	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	18350	No
6	GOM_NL__2PRFIN20050903_003257_000000402040_00260_18350_6571.N1	03-SEP-2005 00:32:57	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	18350	No
7	GOM_NL__2PRFIN20050903_003546_000000382040_00260_18350_6572.N1	03-SEP-2005 00:35:46	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	18350	No
8	GOM_NL__2PRFIN20050903_005615_000000342040_00260_18350_6573.N1	03-SEP-2005 00:56:15	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	18350	No
9	GOM_NL__2PRFIN20050903_005810_000000362040_00260_18350_6574.N1	03-SEP-2005 00:58:10	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	18350	No
10	GOM_NL__2PRFIN20050903_005925_000000352040_00260_18350_6575.N1	03-SEP-2005 00:59:25	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	18350	No
11	GOM_NL__2PRFIN20050903_011155_000000332040_00260_18350_6576.N1	03-SEP-2005 01:11:55	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	18350	No
12	GOM_NL__2PRFIN20050903_011832_000000362040_00260_18350_6577.N1	03-SEP-2005 01:18:32	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	18350	No
13	GOM_NL__2PRFIN20050903_011954_000000352040_00260_18350_6578.N1	03-SEP-2005 01:19:54	Bright	34.500	82	48Bet UMa	2.3650	10600.	69	18350	No
14	GOM_NL__2PRFIN20050903_014425_000000362040_00260_18350_6579.N1	03-SEP-2005 01:44:25	Dark	36.000	132	15Rho Pup	2.8030	6900.0	72	18350	No
15	GOM_NL__2PRFIN20050903_014843_000000412040_00260_18350_6580.N1	03-SEP-2005 01:48:43	Dark	40.500	70	Zet Pup	2.2460	39000.	81	18350	No
16	GOM_NL__2PRFIN20050903_015350_000000422040_00260_18350_6581.N1	03-SEP-2005 01:53:50	Dark	42.000	41	Eps Car	1.8600	4100.0	84	18350	No
17	GOM_NL__2PRFIN20050903_020418_000000382040_00261_18351_6406.N1	03-SEP-2005 02:04:18	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18351	No
18	GOM_NL__2PRFIN20050903_020953_000000422040_00261_18351_6407.N1	03-SEP-2005 02:09:53	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	18351	No
19	GOM_NL__2PRFIN20050903_021333_000000392040_00261_18351_6408.N1	03-SEP-2005 02:13:33	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	18351	No
20	GOM_NL__2PRFIN20050903_021622_000000372040_00261_18351_6409.N1	03-SEP-2005 02:16:22	Straylight	37.000	172	Gam Gru	3.0030	13100.	74	18351	No
21	GOM_NL__2PRFIN20050903_023651_000000382040_00261_18351_6410.N1	03-SEP-2005 02:36:51	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	18351	No
22	GOM_NL__2PRFIN20050903_023846_000000382040_00261_18351_6411.N1	03-SEP-2005 02:38:46	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	18351	No
23	GOM_NL__2PRFIN20050903_024001_000000372040_00261_18351_6412.N1	03-SEP-2005 02:40:01	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	18351	No
24	GOM_NL__2PRFIN20050903_025231_000000332040_00261_18351_6413.N1	03-SEP-2005 02:52:31	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	18351	No
25	GOM_NL__2PRFIN20050903_025908_000000372040_00261_18351_6414.N1	03-SEP-2005 02:59:08	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18351	No
26	GOM_NL__2PRFIN20050903_030031_000000352040_00261_18351_6415.N1	03-SEP-2005 03:00:31	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	18351	No
27	GOM_NL__2PRFIN20050903_032502_000000352040_00261_18351_6416.N1	03-SEP-2005 03:25:02	Dark	34.500	132	15Rho Pup	2.8030	6900.0	69	18351	No
28	GOM_NL__2PRFIN20050903_032919_000000392040_00261_18351_6417.N1	03-SEP-2005 03:29:19	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18351	No
29	GOM_NL__2PRFIN20050903_033426_000000422040_00261_18351_6418.N1	03-SEP-2005 03:34:26	Dark	42.000	41	Eps Car	1.8600	4100.0	84	18351	No
30	GOM_NL__2PRFIN20050903_034454_000000382040_00262_18352_6427.N1	03-SEP-2005 03:44:54	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18352	No
31	GOM_NL__2PRFIN20050903_035029_000000382040_00262_18352_6428.N1	03-SEP-2005 03:50:29	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	18352	No
32	GOM_NL__2PRFIN20050903_035409_000000382040_00262_18352_6429.N1	03-SEP-2005 03:54:09	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	18352	No
33	GOM_NL__2PRFIN20050903_035658_000000402040_00262_18352_6430.N1	03-SEP-2005 03:56:58	Straylight	40.000	172	Gam Gru	3.0030	13100.	80	18352	No
34	GOM_NL__2PRFIN20050903_041727_000000362040_00262_18352_6431.N1	03-SEP-2005 04:17:27	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	18352	No
35	GOM_NL__2PRFIN20050903_041922_000000372040_00262_18352_6432.N1	03-SEP-2005 04:19:22	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	18352	No
36	GOM_NL__2PRFIN20050903_042037_000000382040_00262_18352_6433.N1	03-SEP-2005 04:20:37	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	18352	No
37	GOM_NL__2PRFIN20050903_043308_000000342040_00262_18352_6434.N1	03-SEP-2005 04:33:08	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	18352	No
38	GOM_NL__2PRFIN20050903_043944_000000362040_00262_18352_6435.N1	03-SEP-2005 04:39:44	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	18352	No
39	GOM_NL__2PRFIN20050903_044107_000000352040_00262_18352_6436.N1	03-SEP-2005 04:41:07	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	18352	No
40	GOM_NL__2PRFIN20050903_050538_000000352040_00262_18352_6437.N1	03-SEP-2005 05:05:38	Dark	34.500	132	15Rho Pup	2.8030	6900.0	69	18352	No
41	GOM_NL__2PRFIN20050903_050955_000000392040_00262_18352_6438.N1	03-SEP-2005 05:09:55	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18352	No
42	GOM_NL__2PRFIN20050903_051502_000000422040_00262_18352_6439.N1	03-SEP-2005 05:15:02	Dark	41.500	41	Eps Car	1.8600	4100.0	83	18352	No

43	GOM_NL__2PRFIN20050903_052530_000000372040_00263_18353_6428.N1	03-SEP-2005 05:25:30	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18353	No
44	GOM_NL__2PRFIN20050903_053105_000000382040_00263_18353_6429.N1	03-SEP-2005 05:31:05	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	18353	No
45	GOM_NL__2PRFIN20050903_053445_000000372040_00263_18353_6430.N1	03-SEP-2005 05:34:45	Straylight	36.500	31	Alp Gru	1.7340	15200.	73	18353	No
46	GOM_NL__2PRFIN20050903_053735_000000362040_00263_18353_6431.N1	03-SEP-2005 05:37:35	Straylight	36.000	172	Gam Gru	3.0030	13100.	72	18353	No
47	GOM_NL__2PRFIN20050903_055803_000000362040_00263_18353_6432.N1	03-SEP-2005 05:58:03	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	18353	No
48	GOM_NL__2PRFIN20050903_055958_000000382040_00263_18353_6433.N1	03-SEP-2005 05:59:58	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	18353	No
49	GOM_NL__2PRFIN20050903_060113_000000372040_00263_18353_6434.N1	03-SEP-2005 06:01:13	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	18353	No
50	GOM_NL__2PRFIN20050903_061344_000000332040_00263_18353_6435.N1	03-SEP-2005 06:13:44	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	18353	No
51	GOM_NL__2PRFIN20050903_062021_000000372040_00263_18353_6436.N1	03-SEP-2005 06:20:21	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18353	No
52	GOM_NL__2PRFIN20050903_062143_000000362040_00263_18353_6437.N1	03-SEP-2005 06:21:43	Bright	35.500	82	48Bet UMa	2.3650	10600.	71	18353	No
53	GOM_NL__2PRFIN20050903_064614_000000412040_00263_18353_6438.N1	03-SEP-2005 06:46:14	Dark	40.500	132	15Rho Pup	2.8030	6900.0	81	18353	No
54	GOM_NL__2PRFIN20050903_065031_000000392040_00263_18353_6439.N1	03-SEP-2005 06:50:31	Dark	38.500	70	Zet Pup	2.2460	39000.	77	18353	No
55	GOM_NL__2PRFIN20050903_065538_000000432040_00263_18353_6440.N1	03-SEP-2005 06:55:38	Dark	43.000	41	Eps Car	1.8600	4100.0	86	18353	No
56	GOM_NL__2PRFIN20050903_070607_000000372040_00264_18354_6429.N1	03-SEP-2005 07:06:07	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	18354	No
57	GOM_NL__2PRFIN20050903_071141_000000392040_00264_18354_6430.N1	03-SEP-2005 07:11:41	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	18354	No
58	GOM_NL__2PRFIN20050903_071522_000000412040_00264_18354_6431.N1	03-SEP-2005 07:15:22	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	18354	No
59	GOM_NL__2PRFIN20050903_071811_000000402040_00264_18354_6432.N1	03-SEP-2005 07:18:11	Straylight	39.500	172	Gam Gru	3.0030	13100.	79	18354	No
60	GOM_NL__2PRFIN20050903_073839_000000362040_00264_18354_6433.N1	03-SEP-2005 07:38:39	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	18354	No
61	GOM_NL__2PRFIN20050903_074034_000000352040_00264_18354_6434.N1	03-SEP-2005 07:40:34	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	18354	No
62	GOM_NL__2PRFIN20050903_074149_000000362040_00264_18354_6435.N1	03-SEP-2005 07:41:49	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	18354	No
63	GOM_NL__2PRFIN20050903_075420_000000372040_00264_18354_6436.N1	03-SEP-2005 07:54:20	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18354	No
64	GOM_NL__2PRFIN20050903_080057_000000352040_00264_18354_6437.N1	03-SEP-2005 08:00:57	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	18354	No
65	GOM_NL__2PRFIN20050903_080219_000000362040_00264_18354_6438.N1	03-SEP-2005 08:02:19	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	18354	No
66	GOM_NL__2PRFIN20050903_082650_000000392040_00264_18354_6439.N1	03-SEP-2005 08:26:50	Dark	38.500	132	15Rho Pup	2.8030	6900.0	77	18354	No
67	GOM_NL__2PRFIN20050903_083107_000000382040_00264_18354_6440.N1	03-SEP-2005 08:31:07	Dark	37.500	70	Zet Pup	2.2460	39000.	75	18354	No
68	GOM_NL__2PRFIN20050903_083614_000000472040_00264_18354_6441.N1	03-SEP-2005 08:36:14	Dark	46.500	41	Eps Car	1.8600	4100.0	93	18354	No
69	GOM_NL__2PRFIN20050903_084643_000000372040_00265_18355_6430.N1	03-SEP-2005 08:46:43	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18355	No
70	GOM_NL__2PRFIN20050903_085217_000000402040_00265_18355_6431.N1	03-SEP-2005 08:52:17	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	18355	No
71	GOM_NL__2PRFIN20050903_085558_000000412040_00265_18355_6432.N1	03-SEP-2005 08:55:58	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	18355	No
72	GOM_NL__2PRFIN20050903_085847_000000382040_00265_18355_6433.N1	03-SEP-2005 08:58:47	Straylight	37.500	172	Gam Gru	3.0030	13100.	75	18355	No
73	GOM_NL__2PRFIN20050903_091915_000000382040_00265_18355_6434.N1	03-SEP-2005 09:19:15	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	18355	No
74	GOM_NL__2PRFIN20050903_092110_000000382040_00265_18355_6435.N1	03-SEP-2005 09:21:10	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	18355	No
75	GOM_NL__2PRFIN20050903_092225_000000382040_00265_18355_6436.N1	03-SEP-2005 09:22:25	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	18355	No
76	GOM_NL__2PRFIN20050903_093457_000000372040_00265_18355_6437.N1	03-SEP-2005 09:34:57	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	18355	No
77	GOM_NL__2PRFIN20050903_094133_000000352040_00265_18355_6438.N1	03-SEP-2005 09:41:33	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	18355	No
78	GOM_NL__2PRFIN20050903_094256_000000402040_00265_18355_6439.N1	03-SEP-2005 09:42:56	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	18355	No
79	GOM_NL__2PRFIN20050903_100726_000000422040_00265_18355_6440.N1	03-SEP-2005 10:07:26	Dark	41.500	132	15Rho Pup	2.8030	6900.0	83	18355	No
80	GOM_NL__2PRFIN20050903_101143_000000412040_00265_18355_6441.N1	03-SEP-2005 10:11:43	Dark	41.000	70	Zet Pup	2.2460	39000.	82	18355	No
81	GOM_NL__2PRFIN20050903_101650_000000482040_00265_18355_6442.N1	03-SEP-2005 10:16:50	Dark	48.000	41	Eps Car	1.8600	4100.0	96	18355	No
82	GOM_NL__2PRFIN20050903_102719_000000382040_00266_18356_6430.N1	03-SEP-2005 10:27:19	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18356	No
83	GOM_NL__2PRFIN20050903_103254_000000392040_00266_18356_6431.N1	03-SEP-2005 10:32:54	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	18356	No
84	GOM_NL__2PRFIN20050903_103634_000000432040_00266_18356_6432.N1	03-SEP-2005 10:36:34	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	18356	No
85	GOM_NL__2PRFIN20050903_103923_000000382040_00266_18356_6433.N1	03-SEP-2005 10:39:23	Straylight	37.500	172	Gam Gru	3.0030	13100.	75	18356	No
86	GOM_NL__2PRFIN20050903_105951_000000352040_00266_18356_6434.N1	03-SEP-2005 10:59:51	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	18356	No
87	GOM_NL__2PRFIN20050903_110146_000000372040_00266_18356_6435.N1	03-SEP-2005 11:01:46	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	18356	No
88	GOM_NL__2PRFIN20050903_110301_000000362040_00266_18356_6436.N1	03-SEP-2005 11:03:01	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	18356	No
89	GOM_NL__2PRFIN20050903_111533_000000372040_00266_18356_6437.N1	03-SEP-2005 11:15:33	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18356	No
90	GOM_NL__2PRFIN20050903_112209_000000352040_00266_18356_6438.N1	03-SEP-2005 11:22:09	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	18356	No
91	GOM_NL__2PRFIN20050903_112332_000000442040_00266_18356_6439.N1	03-SEP-2005 11:23:32	Bright	44.000	82	48Bet UMa	2.3650	10600.	88	18356	No
92	GOM_NL__2PRFIN20050903_114803_000000382040_00266_18356_6440.N1	03-SEP-2005 11:48:03	Dark	38.000	132	15Rho Pup	2.8030	6900.0	76	18356	No
93	GOM_NL__2PRFIN20050903_115220_000000392040_00266_18356_6441.N1	03-SEP-2005 11:52:20	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18356	No
94	GOM_NL__2PRFIN20050903_115726_000000432040_00266_18356_6442.N1	03-SEP-2005 11:57:26	Dark	43.000	41	Eps Car	1.8600	4100.0	86	18356	No
95	GOM_NL__2PRFIN20050903_120755_000000372040_00267_18357_6430.N1	03-SEP-2005 12:07:55	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18357	No
96	GOM_NL__2PRFIN20050903_121330_000000412040_00267_18357_6431.N1	03-SEP-2005 12:13:30	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	18357	No
97	GOM_NL__2PRFIN20050903_121710_000000382040_00267_18357_6432.N1	03-SEP-2005 12:17:10	Straylight	37.500	31	Alp Gru	1.7340	15200.	75	18357	No
98	GOM_NL__2PRFIN20050903_121959_000000392040_00267_18357_6433.N1	03-SEP-2005 12:19:59	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	18357	No
99	GOM_NL__2PRFIN20050903_124027_000000342040_00267_18357_6434.N1	03-SEP-2005 12:40:27	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	18357	No
100	GOM_NL__2PRFIN20050903_124222_000000352040_00267_18357_6435.N1	03-SEP-2005 12:42:22	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	18357	No
101	GOM_NL__2PRFIN20050903_124337_000000372040_00267_18357_6436.N1	03-SEP-2005 12:43:37	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	18357	No

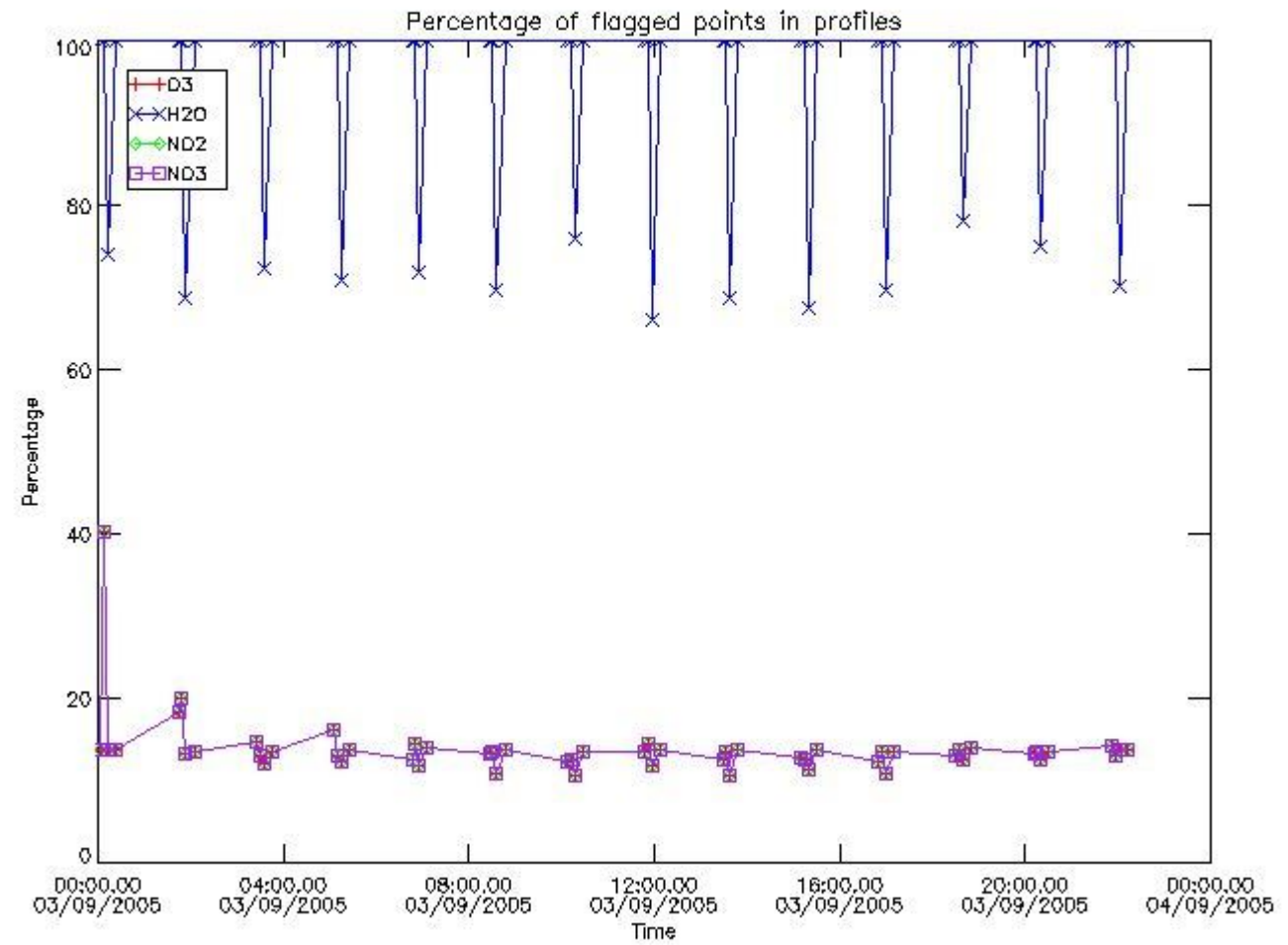
102	GOM_NL__2PRFIN20050903_125609_000000362040_00267_18357_6437.N1	03-SEP-2005 12:56:09	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18357	No
103	GOM_NL__2PRFIN20050903_130245_000000372040_00267_18357_6438.N1	03-SEP-2005 13:02:45	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18357	No
104	GOM_NL__2PRFIN20050903_130408_000000532040_00267_18357_6439.N1	03-SEP-2005 13:04:08	Bright	53.000	82	48Bet UMa	2.3650	10600.	106	18357	No
105	GOM_NL__2PRFIN20050903_132839_000000412040_00267_18357_6440.N1	03-SEP-2005 13:28:39	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	18357	No
106	GOM_NL__2PRFIN20050903_133256_000000382040_00267_18357_6441.N1	03-SEP-2005 13:32:56	Dark	37.500	70	Zet Pup	2.2460	39000.	75	18357	No
107	GOM_NL__2PRFIN20050903_133802_000000492040_00267_18357_6442.N1	03-SEP-2005 13:38:02	Dark	48.500	41	Eps Car	1.8600	4100.0	97	18357	No
108	GOM_NL__2PRFIN20050903_134831_000000372040_00268_18358_6430.N1	03-SEP-2005 13:48:31	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18358	No
109	GOM_NL__2PRFIN20050903_135406_000000372040_00268_18358_6431.N1	03-SEP-2005 13:54:06	Straylight	37.000	148	Alp Tuc	2.8780	4100.0	74	18358	No
110	GOM_NL__2PRFIN20050903_135746_000000402040_00268_18358_6432.N1	03-SEP-2005 13:57:46	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	18358	No
111	GOM_NL__2PRFIN20050903_140035_000000362040_00268_18358_6433.N1	03-SEP-2005 14:00:35	Straylight	36.000	172	Gam Gru	3.0030	13100.	72	18358	No
112	GOM_NL__2PRFIN20050903_142103_000000372040_00268_18358_6434.N1	03-SEP-2005 14:21:03	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	18358	No
113	GOM_NL__2PRFIN20050903_142258_000000372040_00268_18358_6435.N1	03-SEP-2005 14:22:58	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	18358	No
114	GOM_NL__2PRFIN20050903_142413_000000372040_00268_18358_6436.N1	03-SEP-2005 14:24:13	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	18358	No
115	GOM_NL__2PRFIN20050903_143645_000000342040_00268_18358_6437.N1	03-SEP-2005 14:36:45	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	18358	No
116	GOM_NL__2PRFIN20050903_144321_000000522040_00268_18358_6438.N1	03-SEP-2005 14:43:21	Bright	52.000	36	50Alp UMa	1.8000	6300.0	104	18358	No
117	GOM_NL__2PRFIN20050903_144444_000000382040_00268_18358_6439.N1	03-SEP-2005 14:44:44	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	18358	No
118	GOM_NL__2PRFIN20050903_150915_000000402040_00268_18358_6440.N1	03-SEP-2005 15:09:15	Dark	40.000	132	15Rho Pup	2.8030	6900.0	80	18358	No
119	GOM_NL__2PRFIN20050903_151332_000000412040_00268_18358_6441.N1	03-SEP-2005 15:13:32	Dark	40.500	70	Zet Pup	2.2460	39000.	81	18358	No
120	GOM_NL__2PRFIN20050903_151838_000000452040_00268_18358_6442.N1	03-SEP-2005 15:18:38	Dark	45.000	41	Eps Car	1.8600	4100.0	90	18358	No
121	GOM_NL__2PRFIN20050903_152907_000000372040_00269_18359_6430.N1	03-SEP-2005 15:29:07	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18359	No
122	GOM_NL__2PRFIN20050903_153442_000000382040_00269_18359_6431.N1	03-SEP-2005 15:34:42	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	18359	No
123	GOM_NL__2PRFIN20050903_153822_000000432040_00269_18359_6432.N1	03-SEP-2005 15:38:22	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	18359	No
124	GOM_NL__2PRFIN20050903_160139_000000372040_00269_18359_6433.N1	03-SEP-2005 16:01:39	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	18359	No
125	GOM_NL__2PRFIN20050903_160334_000000372040_00269_18359_6434.N1	03-SEP-2005 16:03:34	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	18359	No
126	GOM_NL__2PRFIN20050903_160449_000000372040_00269_18359_6435.N1	03-SEP-2005 16:04:49	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	18359	No
127	GOM_NL__2PRFIN20050903_161722_000000352040_00269_18359_6436.N1	03-SEP-2005 16:17:22	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	18359	No
128	GOM_NL__2PRFIN20050903_162358_000000452040_00269_18359_6437.N1	03-SEP-2005 16:23:58	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	18359	No
129	GOM_NL__2PRFIN20050903_162520_000000532040_00269_18359_6438.N1	03-SEP-2005 16:25:20	Bright	53.000	82	48Bet UMa	2.3650	10600.	106	18359	No
130	GOM_NL__2PRFIN20050903_164951_000000422040_00269_18359_6439.N1	03-SEP-2005 16:49:51	Dark	41.500	132	15Rho Pup	2.8030	6900.0	83	18359	No
131	GOM_NL__2PRFIN20050903_165408_000000382040_00269_18359_6440.N1	03-SEP-2005 16:54:08	Dark	37.500	70	Zet Pup	2.2460	39000.	75	18359	No
132	GOM_NL__2PRFIN20050903_165914_000000472040_00269_18359_6441.N1	03-SEP-2005 16:59:14	Dark	46.500	41	Eps Car	1.8600	4100.0	93	18359	No
133	GOM_NL__2PRFIN20050903_170943_000000382040_00270_18360_6430.N1	03-SEP-2005 17:09:43	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18360	No
134	GOM_NL__2PRFIN20050903_171518_000000462040_00270_18360_6431.N1	03-SEP-2005 17:15:18	Straylight	45.500	148	Alp Tuc	2.8780	4100.0	91	18360	No
135	GOM_NL__2PRFIN20050903_171858_000000382040_00270_18360_6432.N1	03-SEP-2005 17:18:58	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	18360	No
136	GOM_NL__2PRFIN20050903_172147_000000382040_00270_18360_6433.N1	03-SEP-2005 17:21:47	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	18360	No
137	GOM_NL__2PRFIN20050903_174215_000000372040_00270_18360_6434.N1	03-SEP-2005 17:42:15	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	18360	No
138	GOM_NL__2PRFIN20050903_174410_000000352040_00270_18360_6435.N1	03-SEP-2005 17:44:10	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	18360	No
139	GOM_NL__2PRFIN20050903_174525_000000372040_00270_18360_6436.N1	03-SEP-2005 17:45:25	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	18360	No
140	GOM_NL__2PRFIN20050903_175758_000000362040_00270_18360_6437.N1	03-SEP-2005 17:57:58	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18360	No
141	GOM_NL__2PRFIN20050903_180434_000000342040_00270_18360_6438.N1	03-SEP-2005 18:04:34	Bright	34.000	36	50Alp UMa	1.8000	6300.0	68	18360	No
142	GOM_NL__2PRFIN20050903_180557_000000342040_00270_18360_6439.N1	03-SEP-2005 18:05:57	Bright	33.500	82	48Bet UMa	2.3650	10600.	67	18360	No
143	GOM_NL__2PRFIN20050903_183027_000000392040_00270_18360_6440.N1	03-SEP-2005 18:30:27	Dark	39.000	132	15Rho Pup	2.8030	6900.0	78	18360	No
144	GOM_NL__2PRFIN20050903_183444_000000372040_00270_18360_6441.N1	03-SEP-2005 18:34:44	Dark	37.000	70	Zet Pup	2.2460	39000.	74	18360	No
145	GOM_NL__2PRFIN20050903_183950_000000492040_00270_18360_6442.N1	03-SEP-2005 18:39:50	Dark	48.500	41	Eps Car	1.8600	4100.0	97	18360	No
146	GOM_NL__2PRFIN20050903_185019_000000372040_00271_18361_6430.N1	03-SEP-2005 18:50:19	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	18361	No
147	GOM_NL__2PRFIN20050903_185554_000000392040_00271_18361_6431.N1	03-SEP-2005 18:55:54	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	18361	No
148	GOM_NL__2PRFIN20050903_185935_000000392040_00271_18361_6432.N1	03-SEP-2005 18:59:35	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	18361	No
149	GOM_NL__2PRFIN20050903_190224_000000382040_00271_18361_6433.N1	03-SEP-2005 19:02:24	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	18361	No
150	GOM_NL__2PRFIN20050903_192251_000000362040_00271_18361_6434.N1	03-SEP-2005 19:22:51	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	18361	No
151	GOM_NL__2PRFIN20050903_192447_000000362040_00271_18361_6435.N1	03-SEP-2005 19:24:47	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	18361	No
152	GOM_NL__2PRFIN20050903_192601_000000382040_00271_18361_6436.N1	03-SEP-2005 19:26:01	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	18361	No
153	GOM_NL__2PRFIN20050903_193834_000000372040_00271_18361_6437.N1	03-SEP-2005 19:38:34	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18361	No
154	GOM_NL__2PRFIN20050903_194510_000000372040_00271_18361_6438.N1	03-SEP-2005 19:45:10	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18361	No
155	GOM_NL__2PRFIN20050903_194633_000000362040_00271_18361_6439.N1	03-SEP-2005 19:46:33	Bright	35.500	82	48Bet UMa	2.3650	10600.	71	18361	No
156	GOM_NL__2PRFIN20050903_201104_000000392040_00271_18361_6440.N1	03-SEP-2005 20:11:04	Dark	38.500	132	15Rho Pup	2.8030	6900.0	77	18361	No
157	GOM_NL__2PRFIN20050903_201520_000000382040_00271_18361_6441.N1	03-SEP-2005 20:15:20	Dark	37.500	70	Zet Pup	2.2460	39000.	75	18361	No
158	GOM_NL__2PRFIN20050903_202026_000000412040_00271_18361_6442.N1	03-SEP-2005 20:20:26	Dark	40.500	41	Eps Car	1.8600	4100.0	81	18361	No
159	GOM_NL__2PRFIN20050903_203056_000000382040_00272_18362_6450.N1	03-SEP-2005 20:30:56	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18362	No
160	GOM_NL__2PRFIN20050903_203630_000000452040_00272_18362_6451.N1	03-SEP-2005 20:36:30	Straylight	45.000	148	Alp Tuc	2.8780	4100.0	90	18362	No

161	GOM_NL__2PRFIN20050903_204011_000000422040_00272_18362_6452.N1	03-SEP-2005 20:40:11	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	18362	No
162	GOM_NL__2PRFIN20050903_204300_000000392040_00272_18362_6453.N1	03-SEP-2005 20:43:00	Straylight	38.500	172	Gam Gru	3.0030	13100.	77	18362	No
163	GOM_NL__2PRFIN20050903_210327_000000352040_00272_18362_6454.N1	03-SEP-2005 21:03:27	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	18362	No
164	GOM_NL__2PRFIN20050903_210523_000000342040_00272_18362_6455.N1	03-SEP-2005 21:05:23	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	18362	No
165	GOM_NL__2PRFIN20050903_210637_000000372040_00272_18362_6456.N1	03-SEP-2005 21:06:37	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	18362	No
166	GOM_NL__2PRFIN20050903_211910_000000362040_00272_18362_6457.N1	03-SEP-2005 21:19:10	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18362	No
167	GOM_NL__2PRFIN20050903_212546_000000342040_00272_18362_6458.N1	03-SEP-2005 21:25:46	Bright	34.000	36	50Alp UMa	1.8000	6300.0	68	18362	No
168	GOM_NL__2PRFIN20050903_212709_000000342040_00272_18362_6459.N1	03-SEP-2005 21:27:09	Bright	33.500	82	48Bet UMa	2.3650	10600.	67	18362	No
169	GOM_NL__2PRFIN20050903_215140_000000402040_00272_18362_6460.N1	03-SEP-2005 21:51:40	Dark	39.500	132	15Rho Pup	2.8030	6900.0	79	18362	No
170	GOM_NL__2PRFIN20050903_215557_000000392040_00272_18362_6461.N1	03-SEP-2005 21:55:57	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18362	No
171	GOM_NL__2PRFIN20050903_220102_000000412040_00272_18362_6462.N1	03-SEP-2005 22:01:02	Dark	40.500	41	Eps Car	1.8600	4100.0	81	18362	No
172	GOM_NL__2PRFIN20050903_221132_000000372040_00273_18363_6450.N1	03-SEP-2005 22:11:32	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18363	No
173	GOM_NL__2PRFIN20050903_221706_000000432040_00273_18363_6451.N1	03-SEP-2005 22:17:06	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	18363	No
174	GOM_NL__2PRFIN20050903_222047_000000402040_00273_18363_6452.N1	03-SEP-2005 22:20:47	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	18363	No
175	GOM_NL__2PRFIN20050903_222336_000000382040_00273_18363_6453.N1	03-SEP-2005 22:23:36	Straylight	37.500	172	Gam Gru	3.0030	13100.	75	18363	No
176	GOM_NL__2PRFIN20050903_224403_000000342040_00273_18363_6454.N1	03-SEP-2005 22:44:03	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	18363	No
177	GOM_NL__2PRFIN20050903_224559_000000362040_00273_18363_6455.N1	03-SEP-2005 22:45:59	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	18363	No
178	GOM_NL__2PRFIN20050903_224713_000000372040_00273_18363_6456.N1	03-SEP-2005 22:47:13	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	18363	No
179	GOM_NL__2PRFIN20050903_225947_000000372040_00273_18363_6457.N1	03-SEP-2005 22:59:47	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18363	No
180	GOM_NL__2PRFIN20050903_230623_000000372040_00273_18363_6458.N1	03-SEP-2005 23:06:23	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18363	No
181	GOM_NL__2PRFIN20050903_230745_000000342040_00273_18363_6459.N1	03-SEP-2005 23:07:45	Bright	33.500	82	48Bet UMa	2.3650	10600.	67	18363	No

3. Quality information per product

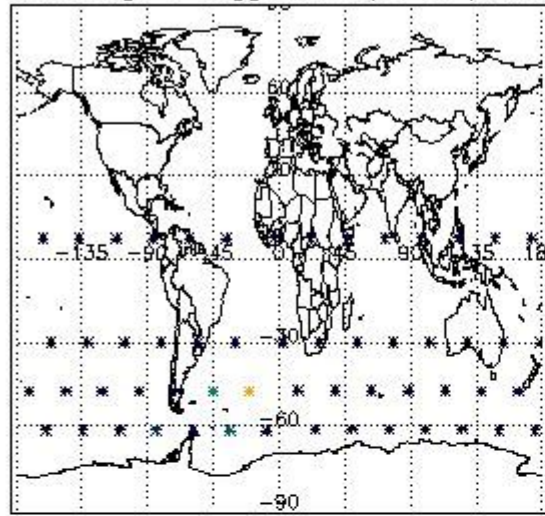
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

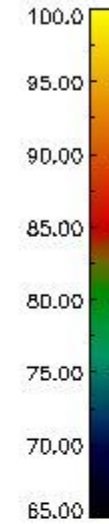
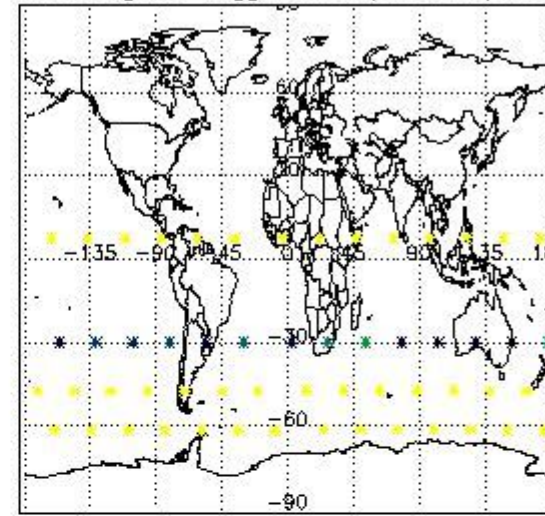


3.2 Plot quality information per product (world map)

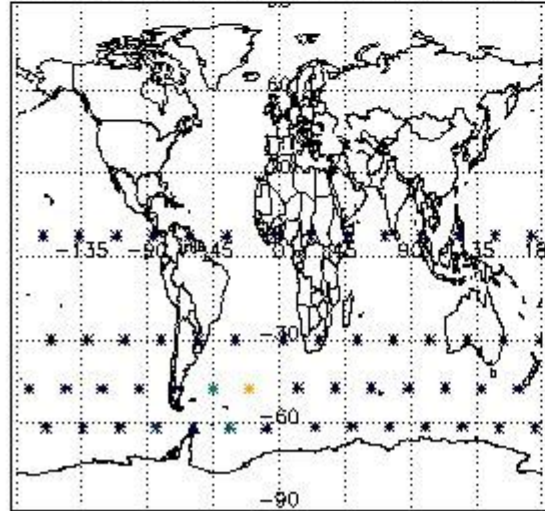
Percentage of flagged data per O3 profile



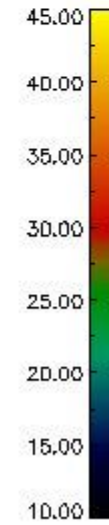
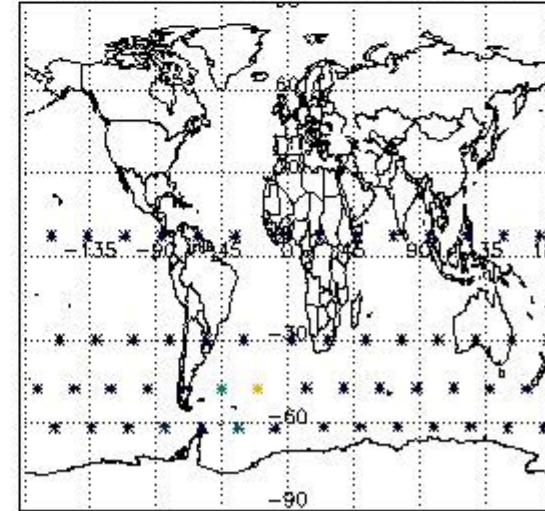
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

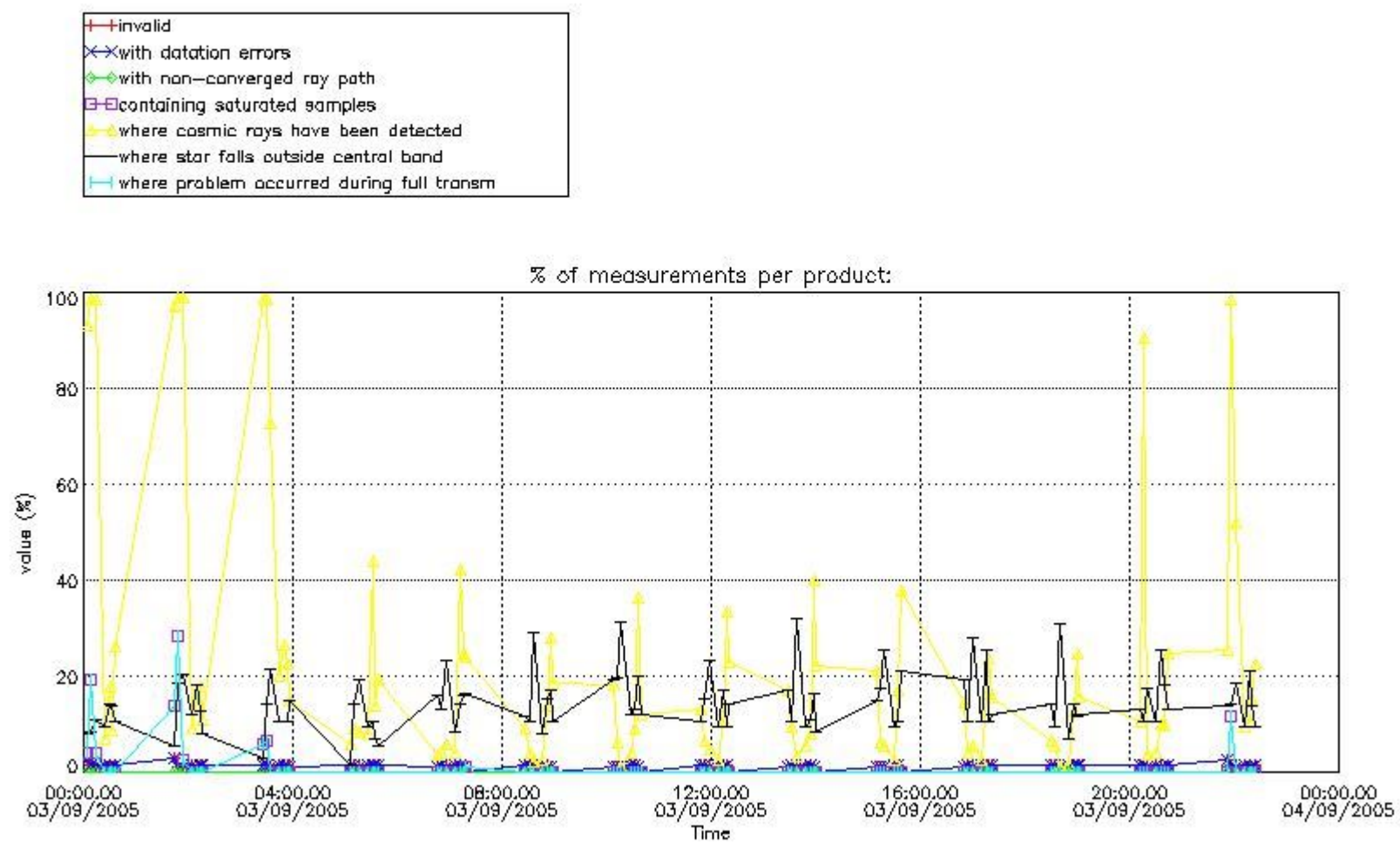


4. Level 1 quality information per product

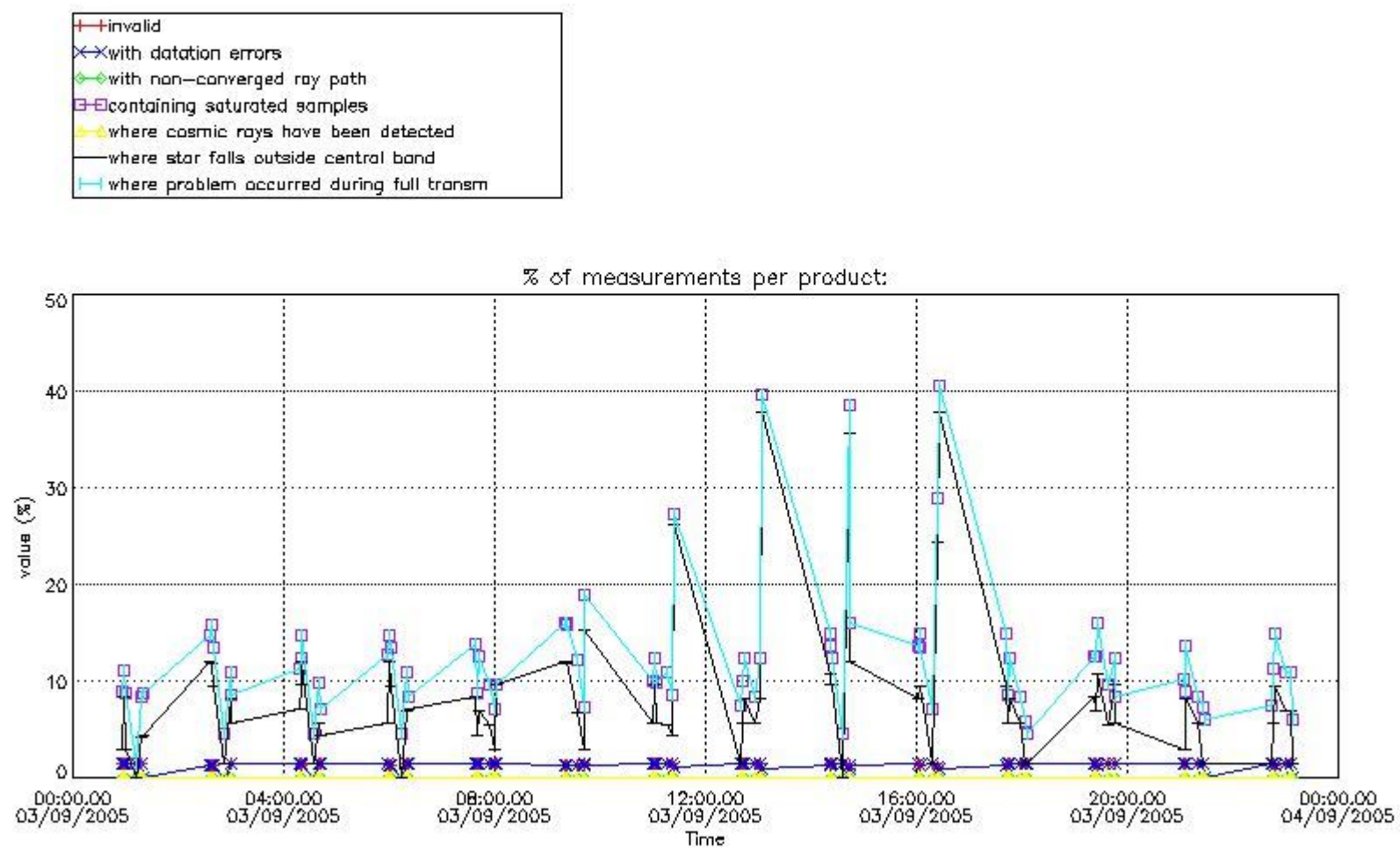
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



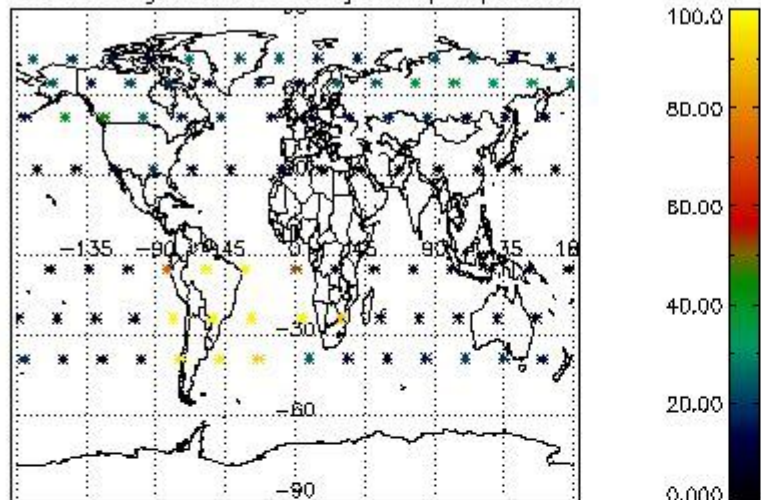
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



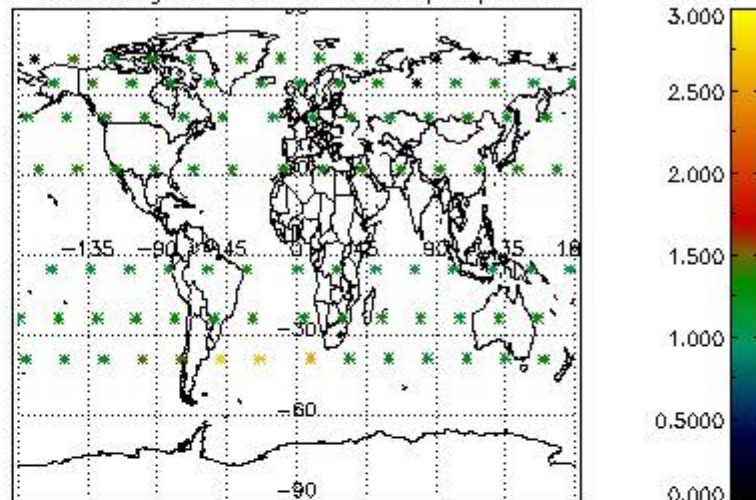
4.2 Plot quality information per product coming from level 1b processing (world map)

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

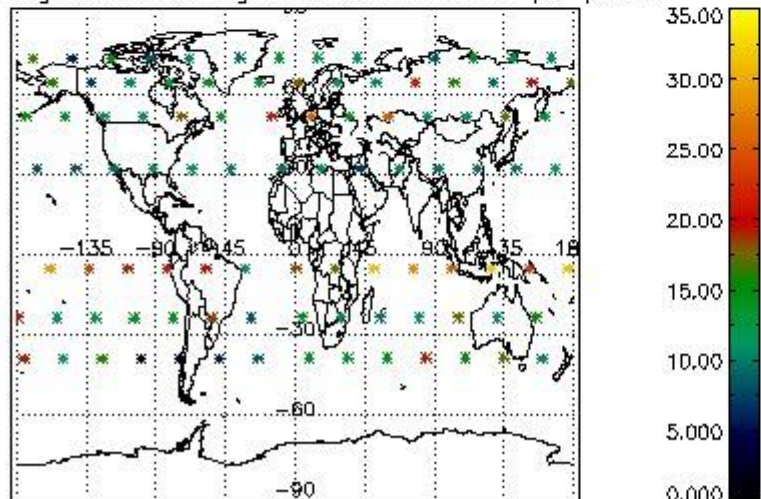
Percentage of cosmic ray hits per profile



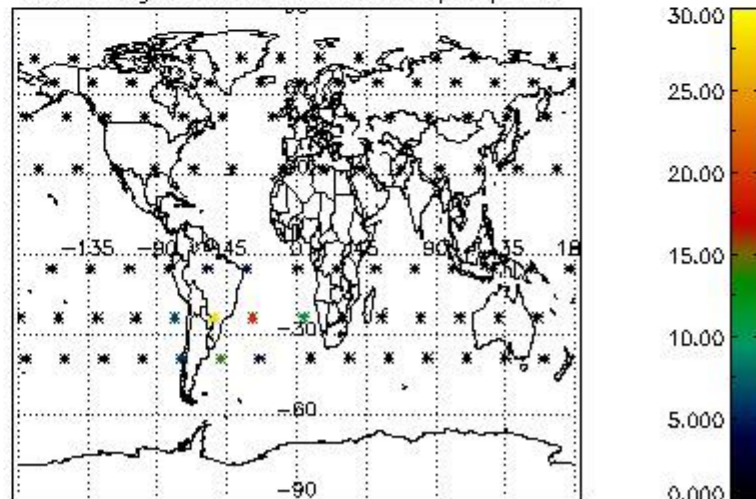
Percentage of datation errors per profile



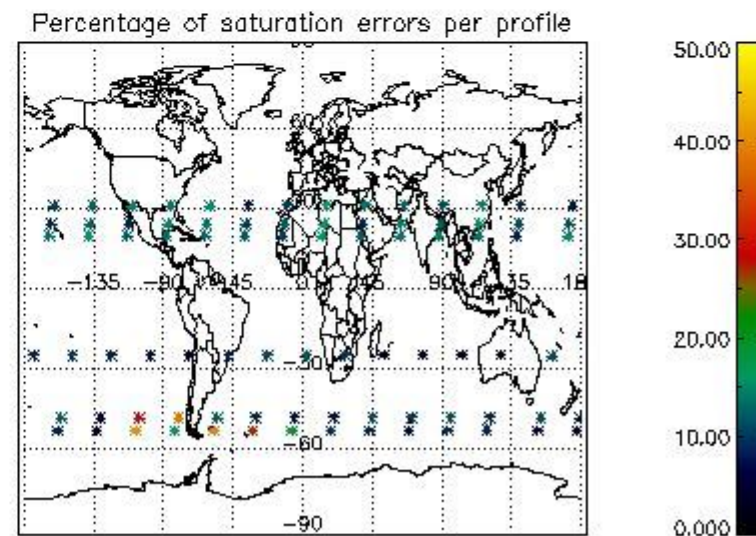
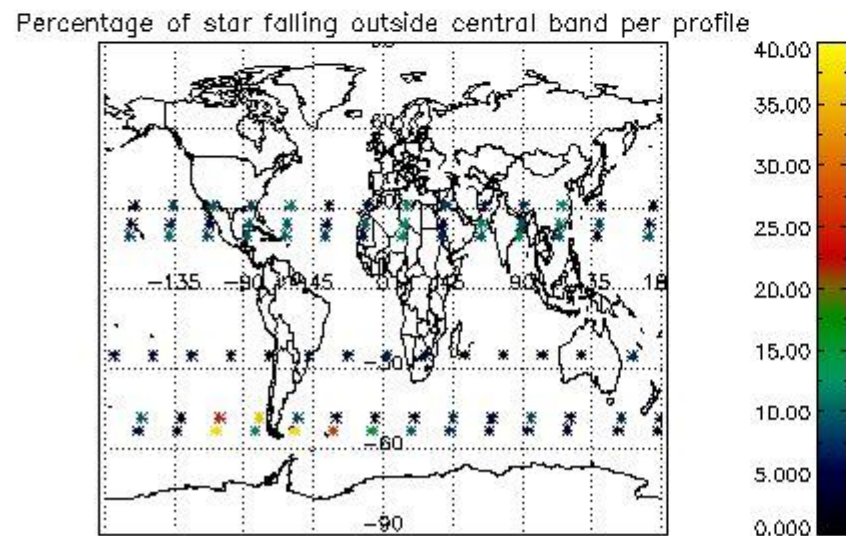
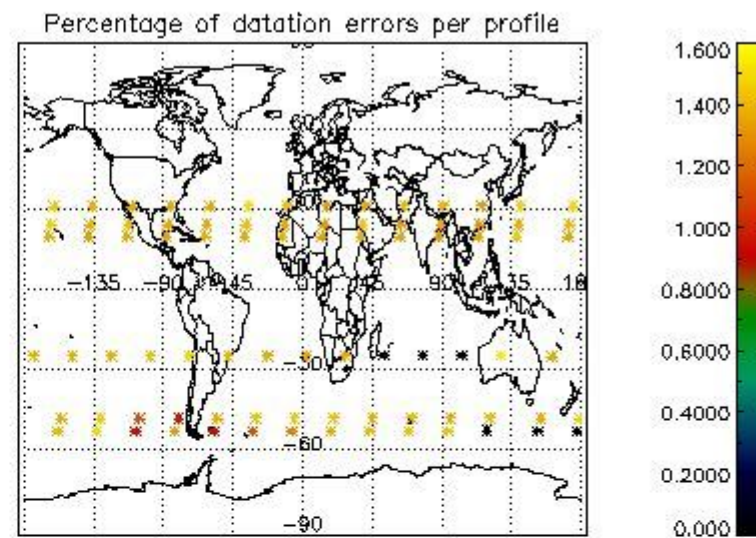
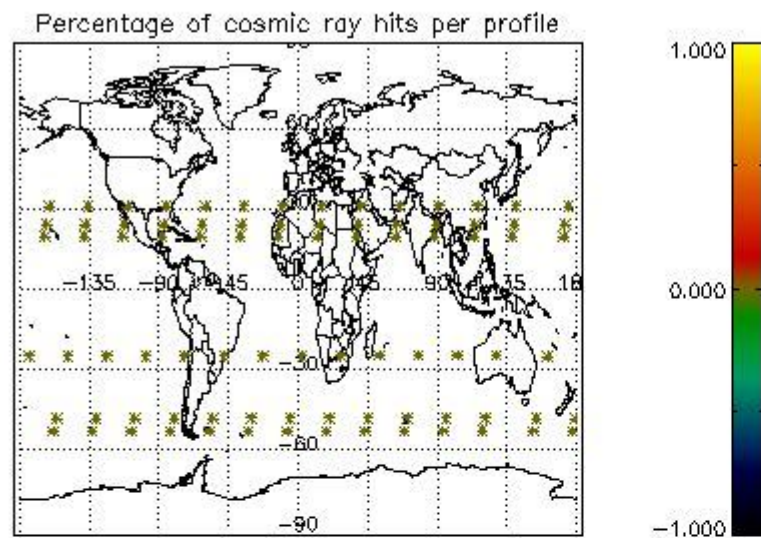
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

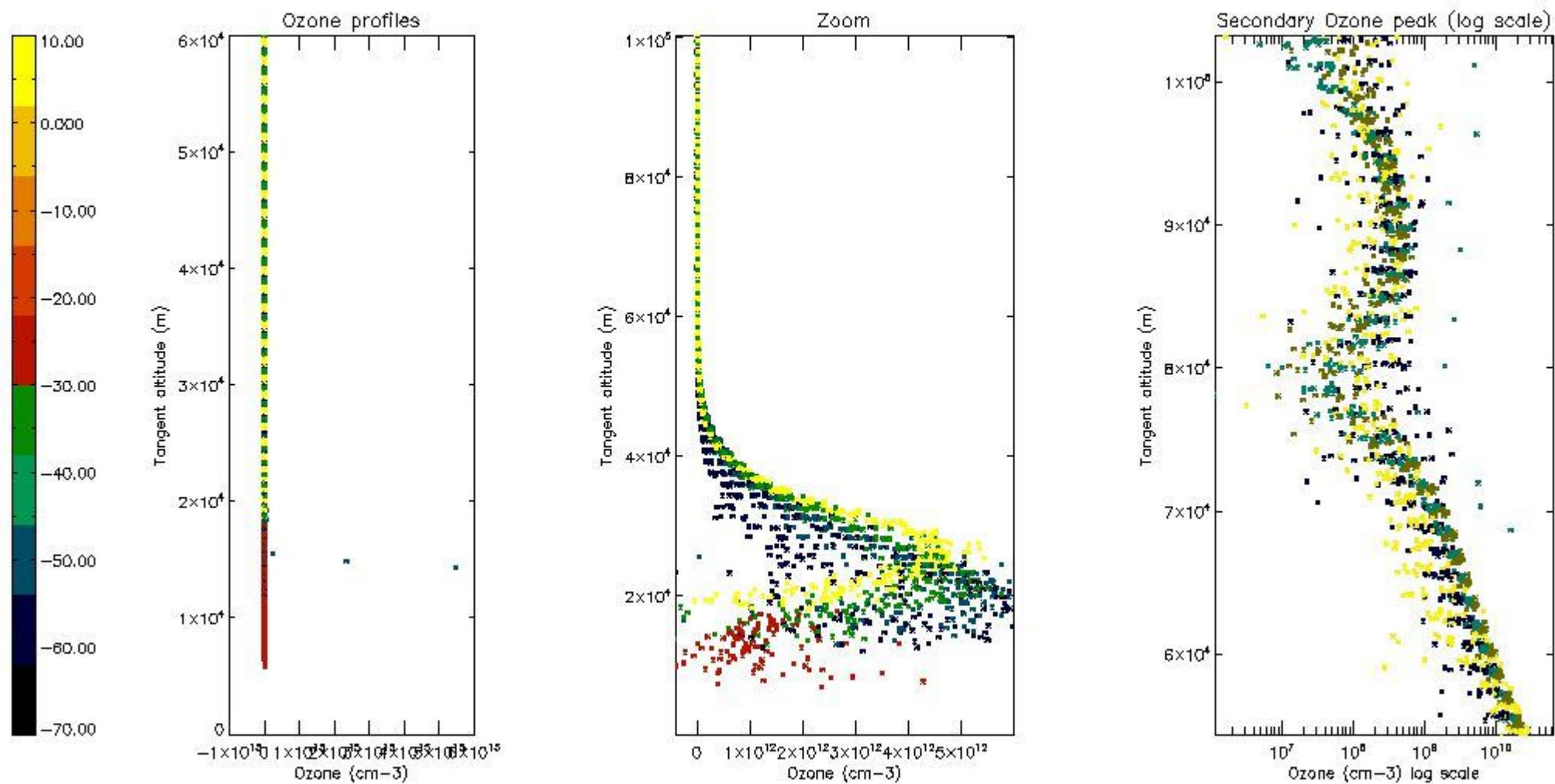
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	17

STD < 10	12
STD < 5	5

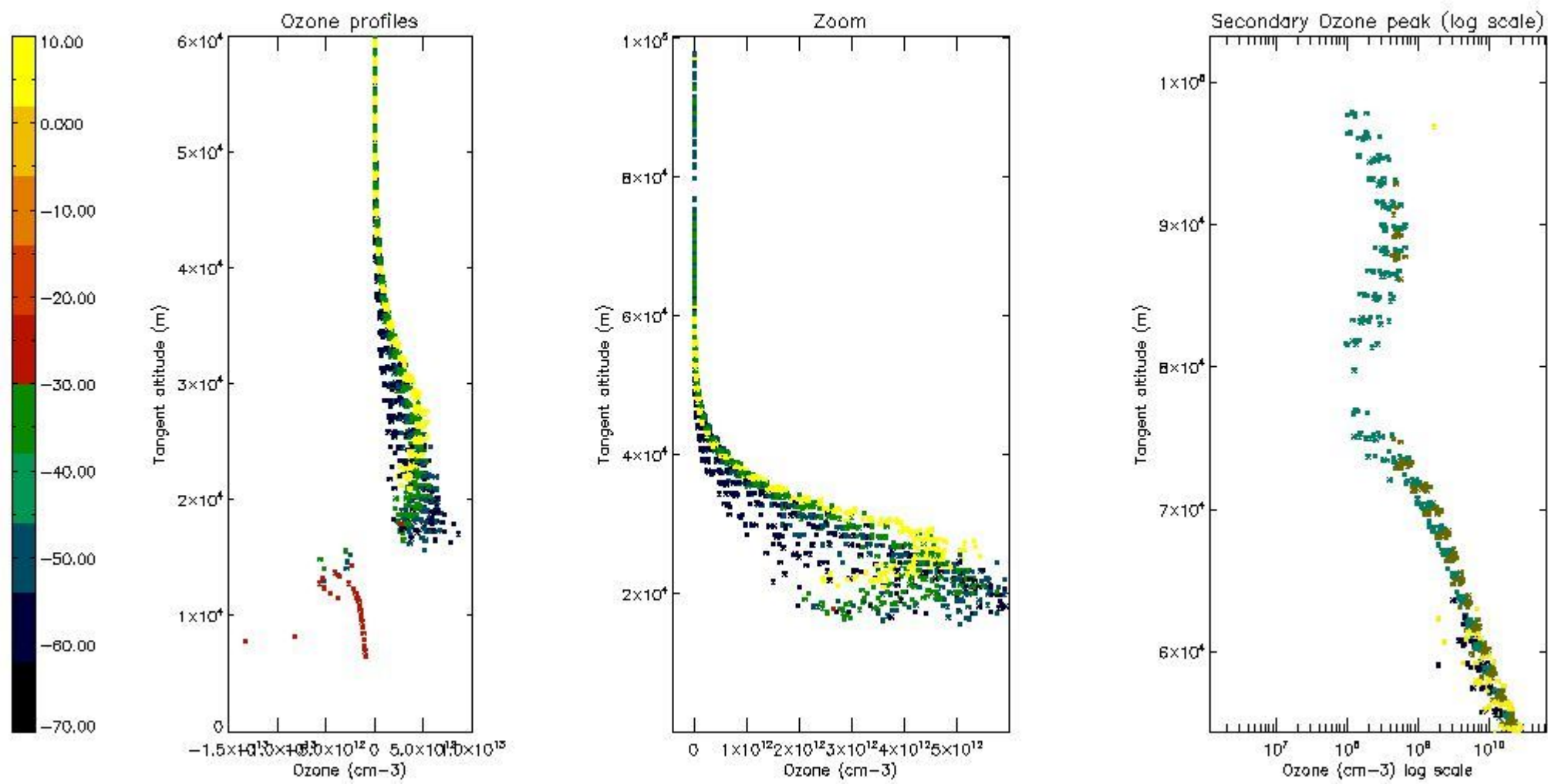
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



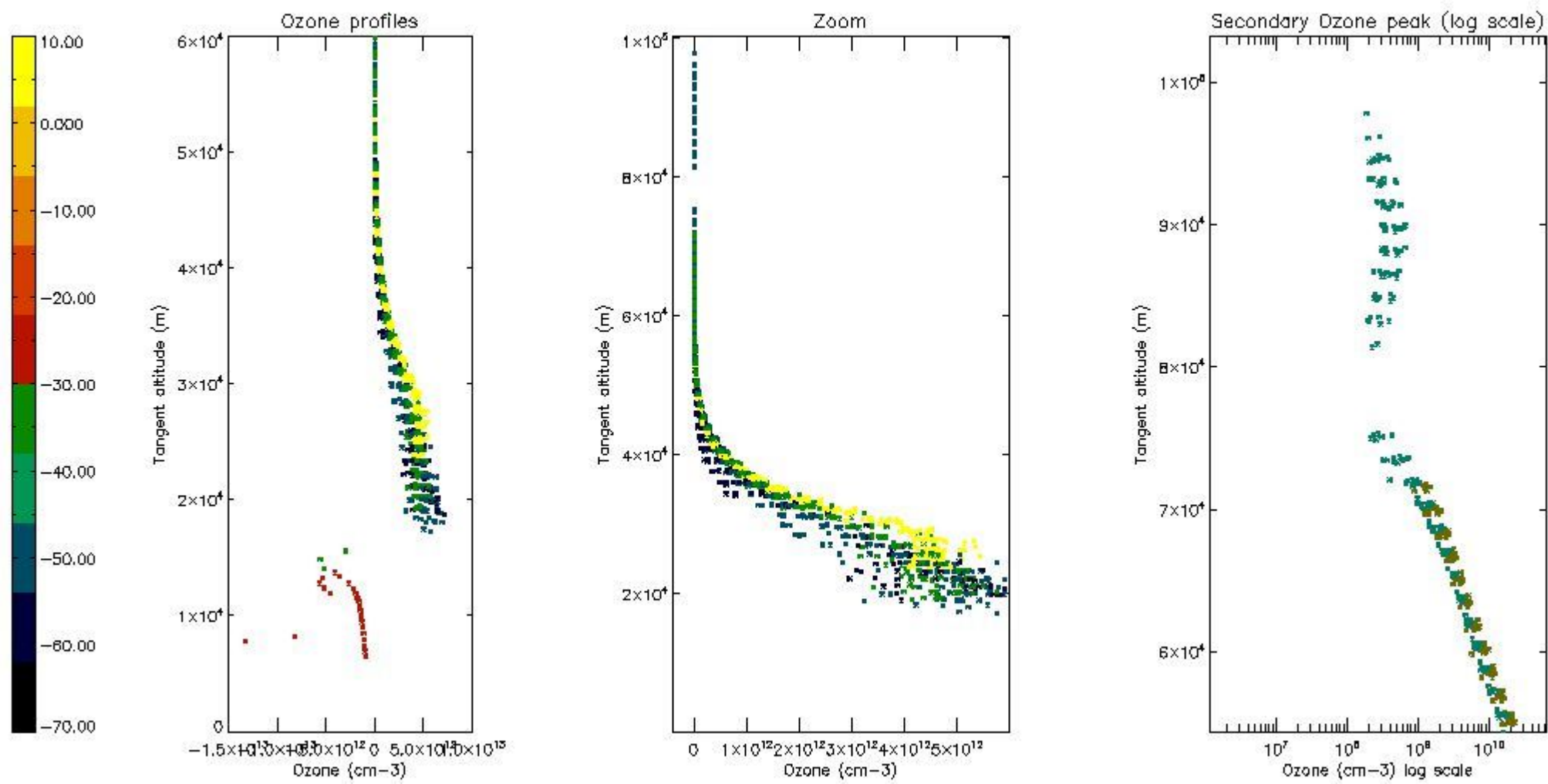
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



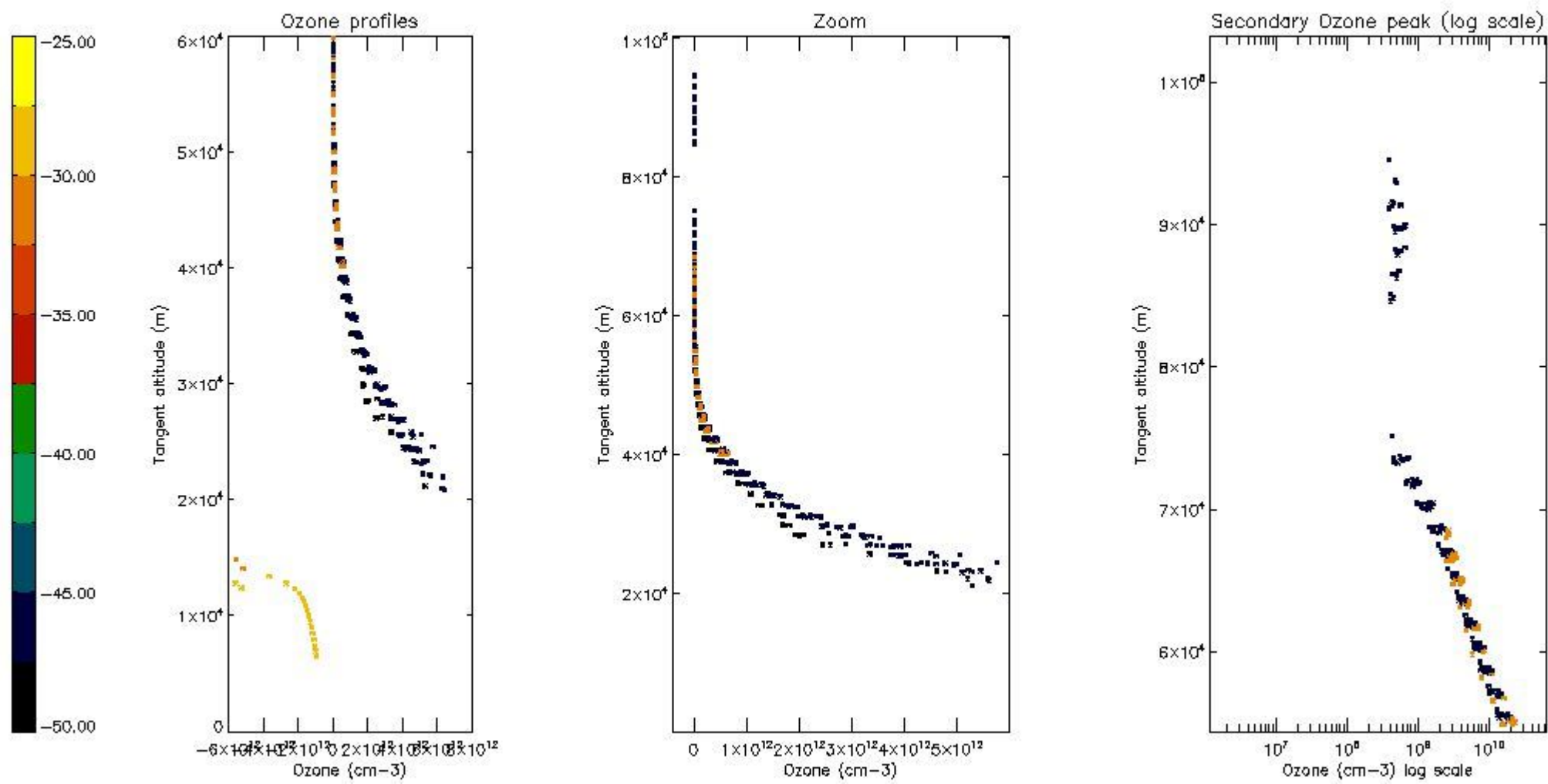
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



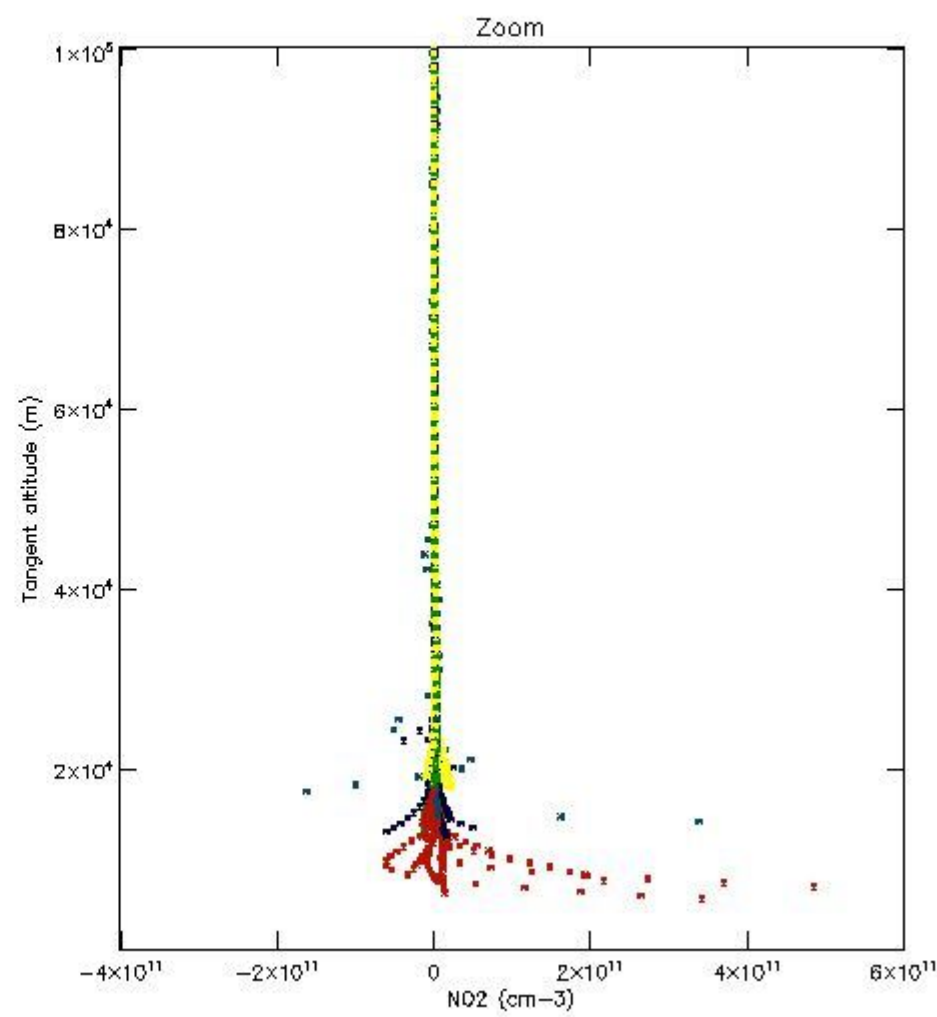
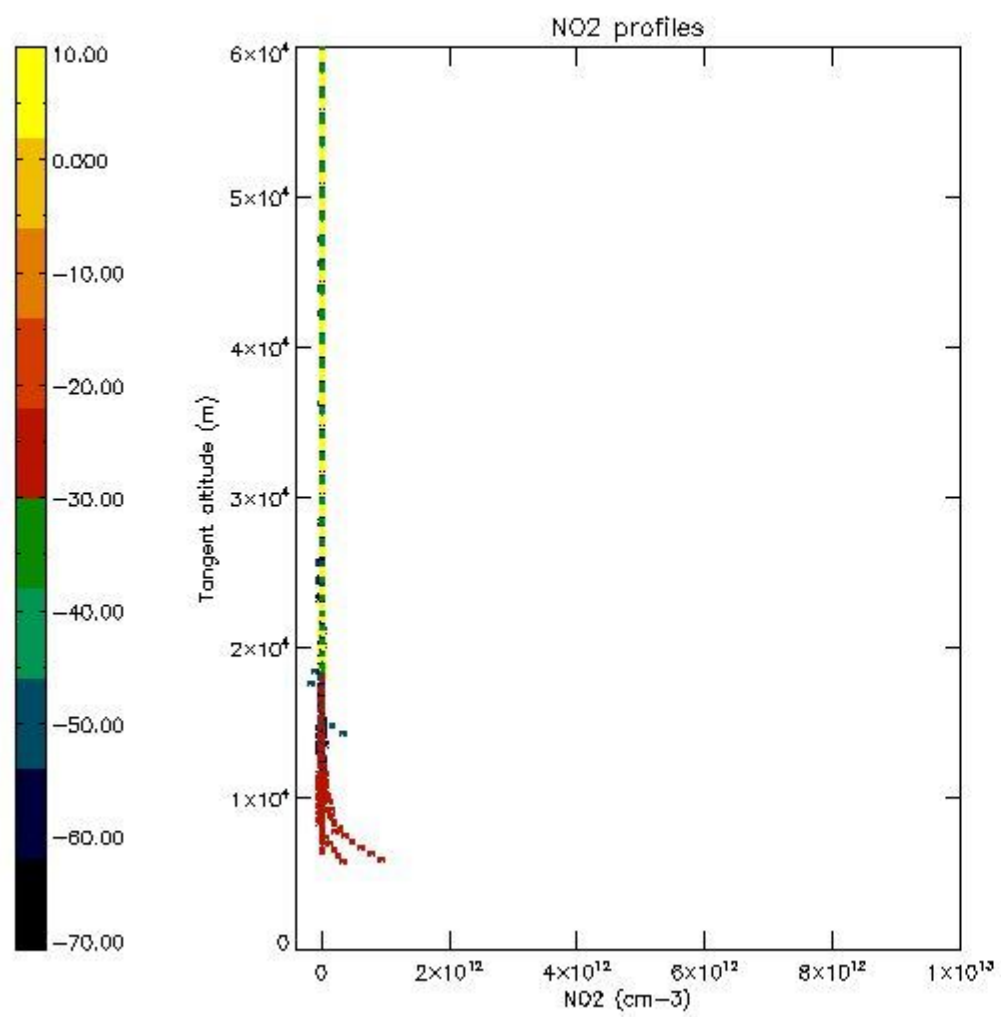
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



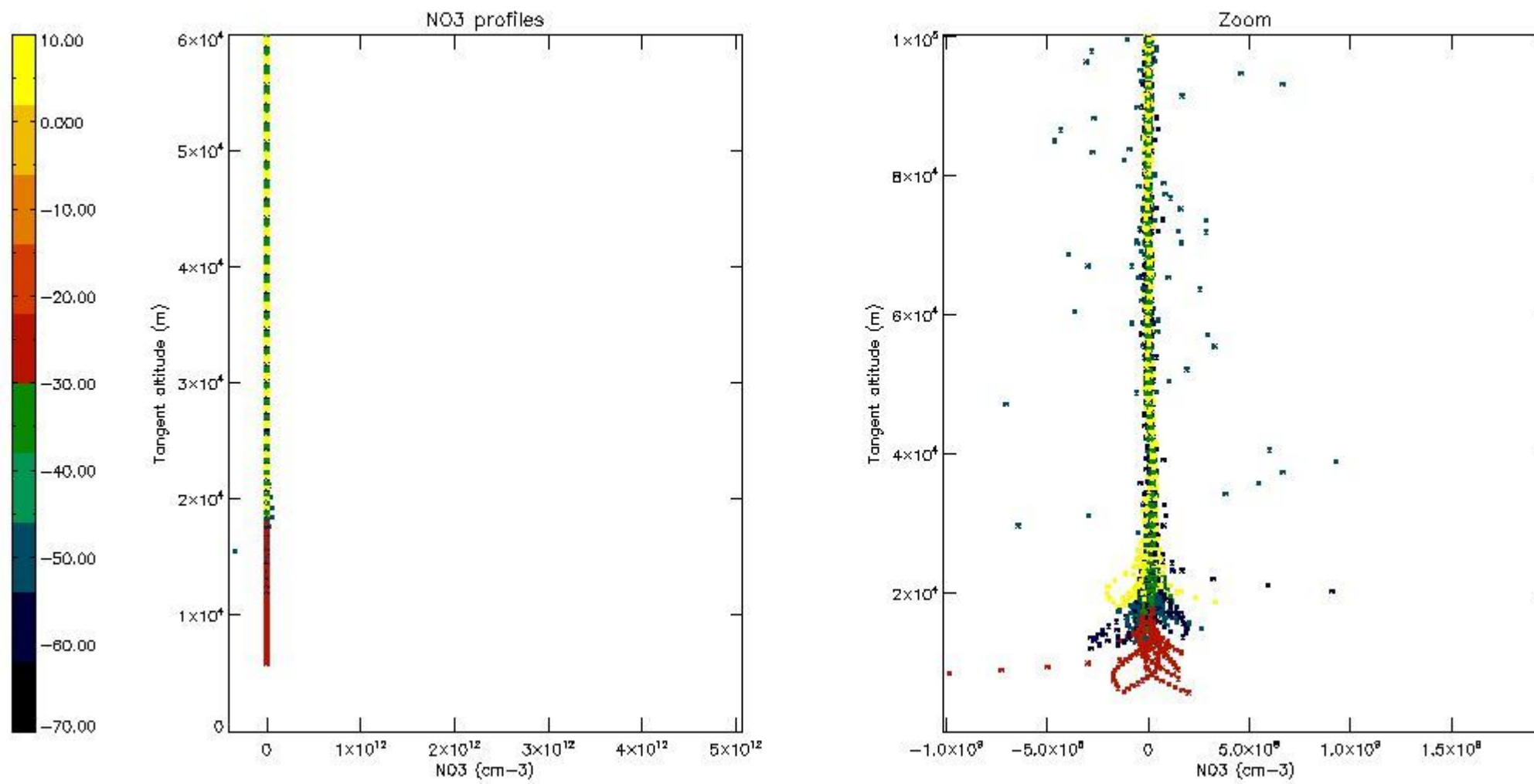
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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	03-SEP-2005 00:03:49
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-SEP-2005 00:03:49
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-SEP-2005 00:03:49

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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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](#)

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

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

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

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

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

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

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

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

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

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

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

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 10:43:48
Data source version	GOMOS/6.01
Start time of products	03-09-2005 (03SEP2005 00:00:00)
Stop time of products	04-09-2005 (04SEP2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	181
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__2PRFIN20050903_000349_000000372040_00259_18349_6500.N1	03-SEP-2005 00:03:49	Dark	37.000	132	15Rho Pup	2.8030	6900.0	74	18349	No
2	GOM_NL__2PRFIN20050903_000806_000000372040_00259_18349_6501.N1	03-SEP-2005 00:08:06	Dark	36.500	70	Zet Pup	2.2460	39000.	73	18349	No
3	GOM_NL__2PRFIN20050903_001314_000000372040_00259_18349_6502.N1	03-SEP-2005 00:13:14	Dark	37.000	41	Eps Car	1.8600	4100.0	74	18349	No
4	GOM_NL__2PRFIN20050903_002342_000000372040_00260_18350_6569.N1	03-SEP-2005 00:23:42	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18350	No
5	GOM_NL__2PRFIN20050903_002917_000000392040_00260_18350_6570.N1	03-SEP-2005 00:29:17	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	18350	No
6	GOM_NL__2PRFIN20050903_003257_000000402040_00260_18350_6571.N1	03-SEP-2005 00:32:57	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	18350	No
7	GOM_NL__2PRFIN20050903_003546_000000382040_00260_18350_6572.N1	03-SEP-2005 00:35:46	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	18350	No
8	GOM_NL__2PRFIN20050903_005615_000000342040_00260_18350_6573.N1	03-SEP-2005 00:56:15	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	18350	No
9	GOM_NL__2PRFIN20050903_005810_000000362040_00260_18350_6574.N1	03-SEP-2005 00:58:10	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	18350	No
10	GOM_NL__2PRFIN20050903_005925_000000352040_00260_18350_6575.N1	03-SEP-2005 00:59:25	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	18350	No
11	GOM_NL__2PRFIN20050903_011155_000000332040_00260_18350_6576.N1	03-SEP-2005 01:11:55	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	18350	No
12	GOM_NL__2PRFIN20050903_011832_000000362040_00260_18350_6577.N1	03-SEP-2005 01:18:32	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	18350	No
13	GOM_NL__2PRFIN20050903_011954_000000352040_00260_18350_6578.N1	03-SEP-2005 01:19:54	Bright	34.500	82	48Bet UMa	2.3650	10600.	69	18350	No
14	GOM_NL__2PRFIN20050903_014425_000000362040_00260_18350_6579.N1	03-SEP-2005 01:44:25	Dark	36.000	132	15Rho Pup	2.8030	6900.0	72	18350	No
15	GOM_NL__2PRFIN20050903_014843_000000412040_00260_18350_6580.N1	03-SEP-2005 01:48:43	Dark	40.500	70	Zet Pup	2.2460	39000.	81	18350	No
16	GOM_NL__2PRFIN20050903_015350_000000422040_00260_18350_6581.N1	03-SEP-2005 01:53:50	Dark	42.000	41	Eps Car	1.8600	4100.0	84	18350	No
17	GOM_NL__2PRFIN20050903_020418_000000382040_00261_18351_6406.N1	03-SEP-2005 02:04:18	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18351	No
18	GOM_NL__2PRFIN20050903_020953_000000422040_00261_18351_6407.N1	03-SEP-2005 02:09:53	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	18351	No
19	GOM_NL__2PRFIN20050903_021333_000000392040_00261_18351_6408.N1	03-SEP-2005 02:13:33	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	18351	No
20	GOM_NL__2PRFIN20050903_021622_000000372040_00261_18351_6409.N1	03-SEP-2005 02:16:22	Straylight	37.000	172	Gam Gru	3.0030	13100.	74	18351	No
21	GOM_NL__2PRFIN20050903_023651_000000382040_00261_18351_6410.N1	03-SEP-2005 02:36:51	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	18351	No
22	GOM_NL__2PRFIN20050903_023846_000000382040_00261_18351_6411.N1	03-SEP-2005 02:38:46	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	18351	No
23	GOM_NL__2PRFIN20050903_024001_000000372040_00261_18351_6412.N1	03-SEP-2005 02:40:01	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	18351	No
24	GOM_NL__2PRFIN20050903_025231_000000332040_00261_18351_6413.N1	03-SEP-2005 02:52:31	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	18351	No
25	GOM_NL__2PRFIN20050903_025908_000000372040_00261_18351_6414.N1	03-SEP-2005 02:59:08	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18351	No
26	GOM_NL__2PRFIN20050903_030031_000000352040_00261_18351_6415.N1	03-SEP-2005 03:00:31	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	18351	No
27	GOM_NL__2PRFIN20050903_032502_000000352040_00261_18351_6416.N1	03-SEP-2005 03:25:02	Dark	34.500	132	15Rho Pup	2.8030	6900.0	69	18351	No
28	GOM_NL__2PRFIN20050903_032919_000000392040_00261_18351_6417.N1	03-SEP-2005 03:29:19	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18351	No
29	GOM_NL__2PRFIN20050903_033426_000000422040_00261_18351_6418.N1	03-SEP-2005 03:34:26	Dark	42.000	41	Eps Car	1.8600	4100.0	84	18351	No
30	GOM_NL__2PRFIN20050903_034454_000000382040_00262_18352_6427.N1	03-SEP-2005 03:44:54	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18352	No
31	GOM_NL__2PRFIN20050903_035029_000000382040_00262_18352_6428.N1	03-SEP-2005 03:50:29	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	18352	No
32	GOM_NL__2PRFIN20050903_035409_000000382040_00262_18352_6429.N1	03-SEP-2005 03:54:09	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	18352	No
33	GOM_NL__2PRFIN20050903_035658_000000402040_00262_18352_6430.N1	03-SEP-2005 03:56:58	Straylight	40.000	172	Gam Gru	3.0030	13100.	80	18352	No
34	GOM_NL__2PRFIN20050903_041727_000000362040_00262_18352_6431.N1	03-SEP-2005 04:17:27	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	18352	No
35	GOM_NL__2PRFIN20050903_041922_000000372040_00262_18352_6432.N1	03-SEP-2005 04:19:22	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	18352	No
36	GOM_NL__2PRFIN20050903_042037_000000382040_00262_18352_6433.N1	03-SEP-2005 04:20:37	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	18352	No
37	GOM_NL__2PRFIN20050903_043308_000000342040_00262_18352_6434.N1	03-SEP-2005 04:33:08	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	18352	No
38	GOM_NL__2PRFIN20050903_043944_000000362040_00262_18352_6435.N1	03-SEP-2005 04:39:44	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	18352	No
39	GOM_NL__2PRFIN20050903_044107_000000352040_00262_18352_6436.N1	03-SEP-2005 04:41:07	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	18352	No
40	GOM_NL__2PRFIN20050903_050538_000000352040_00262_18352_6437.N1	03-SEP-2005 05:05:38	Dark	34.500	132	15Rho Pup	2.8030	6900.0	69	18352	No
41	GOM_NL__2PRFIN20050903_050955_000000392040_00262_18352_6438.N1	03-SEP-2005 05:09:55	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18352	No
42	GOM_NL__2PRFIN20050903_051502_000000422040_00262_18352_6439.N1	03-SEP-2005 05:15:02	Dark	41.500	41	Eps Car	1.8600	4100.0	83	18352	No

43	GOM_NL__2PRFIN20050903_052530_000000372040_00263_18353_6428.N1	03-SEP-2005 05:25:30	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18353	No
44	GOM_NL__2PRFIN20050903_053105_000000382040_00263_18353_6429.N1	03-SEP-2005 05:31:05	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	18353	No
45	GOM_NL__2PRFIN20050903_053445_000000372040_00263_18353_6430.N1	03-SEP-2005 05:34:45	Straylight	36.500	31	Alp Gru	1.7340	15200.	73	18353	No
46	GOM_NL__2PRFIN20050903_053735_000000362040_00263_18353_6431.N1	03-SEP-2005 05:37:35	Straylight	36.000	172	Gam Gru	3.0030	13100.	72	18353	No
47	GOM_NL__2PRFIN20050903_055803_000000362040_00263_18353_6432.N1	03-SEP-2005 05:58:03	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	18353	No
48	GOM_NL__2PRFIN20050903_055958_000000382040_00263_18353_6433.N1	03-SEP-2005 05:59:58	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	18353	No
49	GOM_NL__2PRFIN20050903_060113_000000372040_00263_18353_6434.N1	03-SEP-2005 06:01:13	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	18353	No
50	GOM_NL__2PRFIN20050903_061344_000000332040_00263_18353_6435.N1	03-SEP-2005 06:13:44	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	18353	No
51	GOM_NL__2PRFIN20050903_062021_000000372040_00263_18353_6436.N1	03-SEP-2005 06:20:21	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18353	No
52	GOM_NL__2PRFIN20050903_062143_000000362040_00263_18353_6437.N1	03-SEP-2005 06:21:43	Bright	35.500	82	48Bet UMa	2.3650	10600.	71	18353	No
53	GOM_NL__2PRFIN20050903_064614_000000412040_00263_18353_6438.N1	03-SEP-2005 06:46:14	Dark	40.500	132	15Rho Pup	2.8030	6900.0	81	18353	No
54	GOM_NL__2PRFIN20050903_065031_000000392040_00263_18353_6439.N1	03-SEP-2005 06:50:31	Dark	38.500	70	Zet Pup	2.2460	39000.	77	18353	No
55	GOM_NL__2PRFIN20050903_065538_000000432040_00263_18353_6440.N1	03-SEP-2005 06:55:38	Dark	43.000	41	Eps Car	1.8600	4100.0	86	18353	No
56	GOM_NL__2PRFIN20050903_070607_000000372040_00264_18354_6429.N1	03-SEP-2005 07:06:07	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	18354	No
57	GOM_NL__2PRFIN20050903_071141_000000392040_00264_18354_6430.N1	03-SEP-2005 07:11:41	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	18354	No
58	GOM_NL__2PRFIN20050903_071522_000000412040_00264_18354_6431.N1	03-SEP-2005 07:15:22	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	18354	No
59	GOM_NL__2PRFIN20050903_071811_000000402040_00264_18354_6432.N1	03-SEP-2005 07:18:11	Straylight	39.500	172	Gam Gru	3.0030	13100.	79	18354	No
60	GOM_NL__2PRFIN20050903_073839_000000362040_00264_18354_6433.N1	03-SEP-2005 07:38:39	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	18354	No
61	GOM_NL__2PRFIN20050903_074034_000000352040_00264_18354_6434.N1	03-SEP-2005 07:40:34	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	18354	No
62	GOM_NL__2PRFIN20050903_074149_000000362040_00264_18354_6435.N1	03-SEP-2005 07:41:49	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	18354	No
63	GOM_NL__2PRFIN20050903_075420_000000372040_00264_18354_6436.N1	03-SEP-2005 07:54:20	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18354	No
64	GOM_NL__2PRFIN20050903_080057_000000352040_00264_18354_6437.N1	03-SEP-2005 08:00:57	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	18354	No
65	GOM_NL__2PRFIN20050903_080219_000000362040_00264_18354_6438.N1	03-SEP-2005 08:02:19	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	18354	No
66	GOM_NL__2PRFIN20050903_082650_000000392040_00264_18354_6439.N1	03-SEP-2005 08:26:50	Dark	38.500	132	15Rho Pup	2.8030	6900.0	77	18354	No
67	GOM_NL__2PRFIN20050903_083107_000000382040_00264_18354_6440.N1	03-SEP-2005 08:31:07	Dark	37.500	70	Zet Pup	2.2460	39000.	75	18354	No
68	GOM_NL__2PRFIN20050903_083614_000000472040_00264_18354_6441.N1	03-SEP-2005 08:36:14	Dark	46.500	41	Eps Car	1.8600	4100.0	93	18354	No
69	GOM_NL__2PRFIN20050903_084643_000000372040_00265_18355_6430.N1	03-SEP-2005 08:46:43	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18355	No
70	GOM_NL__2PRFIN20050903_085217_000000402040_00265_18355_6431.N1	03-SEP-2005 08:52:17	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	18355	No
71	GOM_NL__2PRFIN20050903_085558_000000412040_00265_18355_6432.N1	03-SEP-2005 08:55:58	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	18355	No
72	GOM_NL__2PRFIN20050903_085847_000000382040_00265_18355_6433.N1	03-SEP-2005 08:58:47	Straylight	37.500	172	Gam Gru	3.0030	13100.	75	18355	No
73	GOM_NL__2PRFIN20050903_091915_000000382040_00265_18355_6434.N1	03-SEP-2005 09:19:15	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	18355	No
74	GOM_NL__2PRFIN20050903_092110_000000382040_00265_18355_6435.N1	03-SEP-2005 09:21:10	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	18355	No
75	GOM_NL__2PRFIN20050903_092225_000000382040_00265_18355_6436.N1	03-SEP-2005 09:22:25	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	18355	No
76	GOM_NL__2PRFIN20050903_093457_000000372040_00265_18355_6437.N1	03-SEP-2005 09:34:57	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	18355	No
77	GOM_NL__2PRFIN20050903_094133_000000352040_00265_18355_6438.N1	03-SEP-2005 09:41:33	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	18355	No
78	GOM_NL__2PRFIN20050903_094256_000000402040_00265_18355_6439.N1	03-SEP-2005 09:42:56	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	18355	No
79	GOM_NL__2PRFIN20050903_100726_000000422040_00265_18355_6440.N1	03-SEP-2005 10:07:26	Dark	41.500	132	15Rho Pup	2.8030	6900.0	83	18355	No
80	GOM_NL__2PRFIN20050903_101143_000000412040_00265_18355_6441.N1	03-SEP-2005 10:11:43	Dark	41.000	70	Zet Pup	2.2460	39000.	82	18355	No
81	GOM_NL__2PRFIN20050903_101650_000000482040_00265_18355_6442.N1	03-SEP-2005 10:16:50	Dark	48.000	41	Eps Car	1.8600	4100.0	96	18355	No
82	GOM_NL__2PRFIN20050903_102719_000000382040_00266_18356_6430.N1	03-SEP-2005 10:27:19	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18356	No
83	GOM_NL__2PRFIN20050903_103254_000000392040_00266_18356_6431.N1	03-SEP-2005 10:32:54	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	18356	No
84	GOM_NL__2PRFIN20050903_103634_000000432040_00266_18356_6432.N1	03-SEP-2005 10:36:34	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	18356	No
85	GOM_NL__2PRFIN20050903_103923_000000382040_00266_18356_6433.N1	03-SEP-2005 10:39:23	Straylight	37.500	172	Gam Gru	3.0030	13100.	75	18356	No
86	GOM_NL__2PRFIN20050903_105951_000000352040_00266_18356_6434.N1	03-SEP-2005 10:59:51	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	18356	No
87	GOM_NL__2PRFIN20050903_110146_000000372040_00266_18356_6435.N1	03-SEP-2005 11:01:46	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	18356	No
88	GOM_NL__2PRFIN20050903_110301_000000362040_00266_18356_6436.N1	03-SEP-2005 11:03:01	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	18356	No
89	GOM_NL__2PRFIN20050903_111533_000000372040_00266_18356_6437.N1	03-SEP-2005 11:15:33	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18356	No
90	GOM_NL__2PRFIN20050903_112209_000000352040_00266_18356_6438.N1	03-SEP-2005 11:22:09	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	18356	No
91	GOM_NL__2PRFIN20050903_112332_000000442040_00266_18356_6439.N1	03-SEP-2005 11:23:32	Bright	44.000	82	48Bet UMa	2.3650	10600.	88	18356	No
92	GOM_NL__2PRFIN20050903_114803_000000382040_00266_18356_6440.N1	03-SEP-2005 11:48:03	Dark	38.000	132	15Rho Pup	2.8030	6900.0	76	18356	No
93	GOM_NL__2PRFIN20050903_115220_000000392040_00266_18356_6441.N1	03-SEP-2005 11:52:20	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18356	No
94	GOM_NL__2PRFIN20050903_115726_000000432040_00266_18356_6442.N1	03-SEP-2005 11:57:26	Dark	43.000	41	Eps Car	1.8600	4100.0	86	18356	No
95	GOM_NL__2PRFIN20050903_120755_000000372040_00267_18357_6430.N1	03-SEP-2005 12:07:55	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18357	No
96	GOM_NL__2PRFIN20050903_121330_000000412040_00267_18357_6431.N1	03-SEP-2005 12:13:30	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	18357	No
97	GOM_NL__2PRFIN20050903_121710_000000382040_00267_18357_6432.N1	03-SEP-2005 12:17:10	Straylight	37.500	31	Alp Gru	1.7340	15200.	75	18357	No
98	GOM_NL__2PRFIN20050903_121959_000000392040_00267_18357_6433.N1	03-SEP-2005 12:19:59	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	18357	No
99	GOM_NL__2PRFIN20050903_124027_000000342040_00267_18357_6434.N1	03-SEP-2005 12:40:27	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	18357	No
100	GOM_NL__2PRFIN20050903_124222_000000352040_00267_18357_6435.N1	03-SEP-2005 12:42:22	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	18357	No
101	GOM_NL__2PRFIN20050903_124337_000000372040_00267_18357_6436.N1	03-SEP-2005 12:43:37	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	18357	No

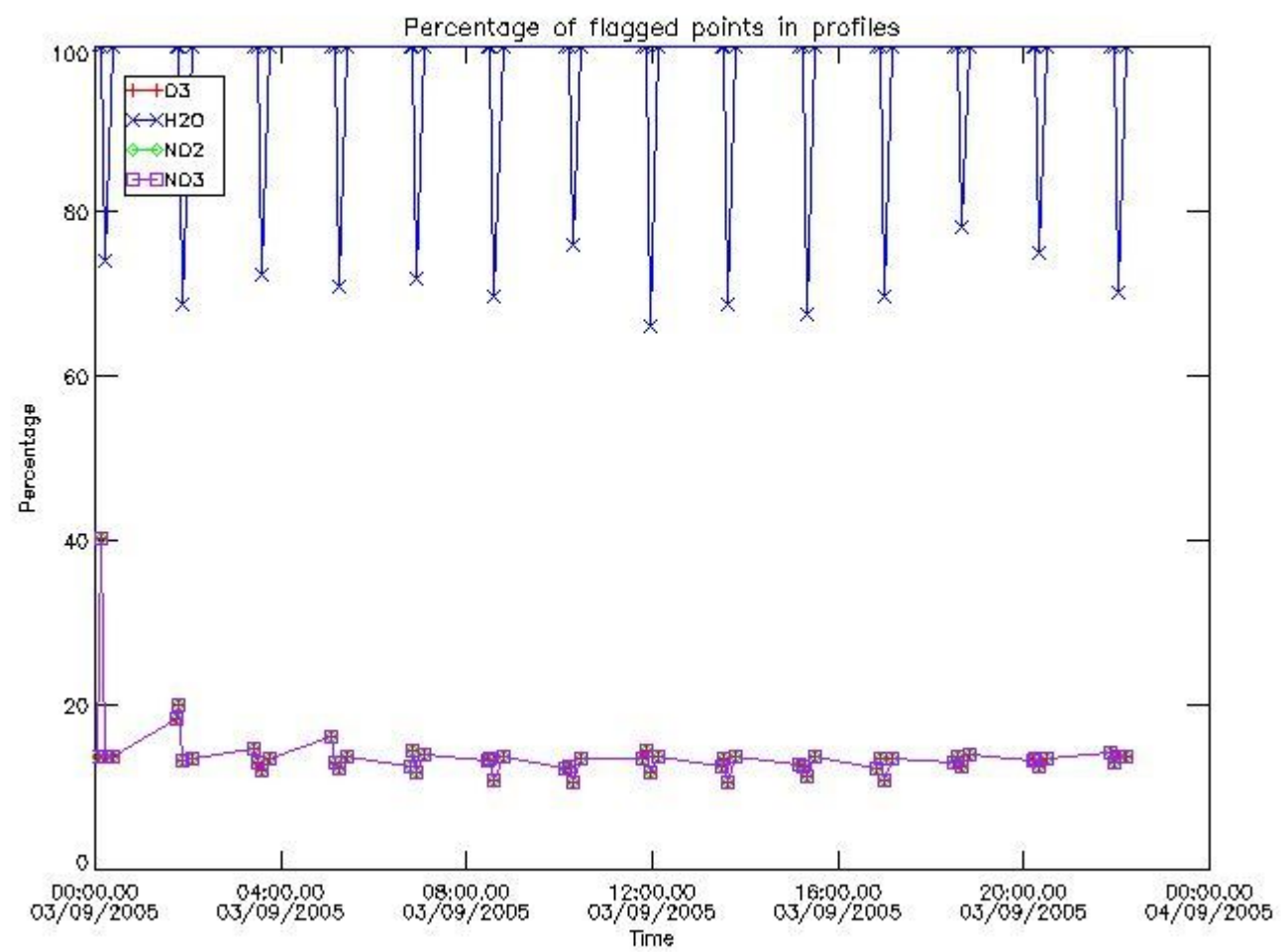
102	GOM_NL__2PRFIN20050903_125609_000000362040_00267_18357_6437.N1	03-SEP-2005 12:56:09	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18357	No
103	GOM_NL__2PRFIN20050903_130245_000000372040_00267_18357_6438.N1	03-SEP-2005 13:02:45	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18357	No
104	GOM_NL__2PRFIN20050903_130408_000000532040_00267_18357_6439.N1	03-SEP-2005 13:04:08	Bright	53.000	82	48Bet UMa	2.3650	10600.	106	18357	No
105	GOM_NL__2PRFIN20050903_132839_000000412040_00267_18357_6440.N1	03-SEP-2005 13:28:39	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	18357	No
106	GOM_NL__2PRFIN20050903_133256_000000382040_00267_18357_6441.N1	03-SEP-2005 13:32:56	Dark	37.500	70	Zet Pup	2.2460	39000.	75	18357	No
107	GOM_NL__2PRFIN20050903_133802_000000492040_00267_18357_6442.N1	03-SEP-2005 13:38:02	Dark	48.500	41	Eps Car	1.8600	4100.0	97	18357	No
108	GOM_NL__2PRFIN20050903_134831_000000372040_00268_18358_6430.N1	03-SEP-2005 13:48:31	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18358	No
109	GOM_NL__2PRFIN20050903_135406_000000372040_00268_18358_6431.N1	03-SEP-2005 13:54:06	Straylight	37.000	148	Alp Tuc	2.8780	4100.0	74	18358	No
110	GOM_NL__2PRFIN20050903_135746_000000402040_00268_18358_6432.N1	03-SEP-2005 13:57:46	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	18358	No
111	GOM_NL__2PRFIN20050903_140035_000000362040_00268_18358_6433.N1	03-SEP-2005 14:00:35	Straylight	36.000	172	Gam Gru	3.0030	13100.	72	18358	No
112	GOM_NL__2PRFIN20050903_142103_000000372040_00268_18358_6434.N1	03-SEP-2005 14:21:03	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	18358	No
113	GOM_NL__2PRFIN20050903_142258_000000372040_00268_18358_6435.N1	03-SEP-2005 14:22:58	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	18358	No
114	GOM_NL__2PRFIN20050903_142413_000000372040_00268_18358_6436.N1	03-SEP-2005 14:24:13	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	18358	No
115	GOM_NL__2PRFIN20050903_143645_000000342040_00268_18358_6437.N1	03-SEP-2005 14:36:45	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	18358	No
116	GOM_NL__2PRFIN20050903_144321_000000522040_00268_18358_6438.N1	03-SEP-2005 14:43:21	Bright	52.000	36	50Alp UMa	1.8000	6300.0	104	18358	No
117	GOM_NL__2PRFIN20050903_144444_000000382040_00268_18358_6439.N1	03-SEP-2005 14:44:44	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	18358	No
118	GOM_NL__2PRFIN20050903_150915_000000402040_00268_18358_6440.N1	03-SEP-2005 15:09:15	Dark	40.000	132	15Rho Pup	2.8030	6900.0	80	18358	No
119	GOM_NL__2PRFIN20050903_151332_000000412040_00268_18358_6441.N1	03-SEP-2005 15:13:32	Dark	40.500	70	Zet Pup	2.2460	39000.	81	18358	No
120	GOM_NL__2PRFIN20050903_151838_000000452040_00268_18358_6442.N1	03-SEP-2005 15:18:38	Dark	45.000	41	Eps Car	1.8600	4100.0	90	18358	No
121	GOM_NL__2PRFIN20050903_152907_000000372040_00269_18359_6430.N1	03-SEP-2005 15:29:07	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18359	No
122	GOM_NL__2PRFIN20050903_153442_000000382040_00269_18359_6431.N1	03-SEP-2005 15:34:42	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	18359	No
123	GOM_NL__2PRFIN20050903_153822_000000432040_00269_18359_6432.N1	03-SEP-2005 15:38:22	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	18359	No
124	GOM_NL__2PRFIN20050903_160139_000000372040_00269_18359_6433.N1	03-SEP-2005 16:01:39	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	18359	No
125	GOM_NL__2PRFIN20050903_160334_000000372040_00269_18359_6434.N1	03-SEP-2005 16:03:34	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	18359	No
126	GOM_NL__2PRFIN20050903_160449_000000372040_00269_18359_6435.N1	03-SEP-2005 16:04:49	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	18359	No
127	GOM_NL__2PRFIN20050903_161722_000000352040_00269_18359_6436.N1	03-SEP-2005 16:17:22	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	18359	No
128	GOM_NL__2PRFIN20050903_162358_000000452040_00269_18359_6437.N1	03-SEP-2005 16:23:58	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	18359	No
129	GOM_NL__2PRFIN20050903_162520_000000532040_00269_18359_6438.N1	03-SEP-2005 16:25:20	Bright	53.000	82	48Bet UMa	2.3650	10600.	106	18359	No
130	GOM_NL__2PRFIN20050903_164951_000000422040_00269_18359_6439.N1	03-SEP-2005 16:49:51	Dark	41.500	132	15Rho Pup	2.8030	6900.0	83	18359	No
131	GOM_NL__2PRFIN20050903_165408_000000382040_00269_18359_6440.N1	03-SEP-2005 16:54:08	Dark	37.500	70	Zet Pup	2.2460	39000.	75	18359	No
132	GOM_NL__2PRFIN20050903_165914_000000472040_00269_18359_6441.N1	03-SEP-2005 16:59:14	Dark	46.500	41	Eps Car	1.8600	4100.0	93	18359	No
133	GOM_NL__2PRFIN20050903_170943_000000382040_00270_18360_6430.N1	03-SEP-2005 17:09:43	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18360	No
134	GOM_NL__2PRFIN20050903_171518_000000462040_00270_18360_6431.N1	03-SEP-2005 17:15:18	Straylight	45.500	148	Alp Tuc	2.8780	4100.0	91	18360	No
135	GOM_NL__2PRFIN20050903_171858_000000382040_00270_18360_6432.N1	03-SEP-2005 17:18:58	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	18360	No
136	GOM_NL__2PRFIN20050903_172147_000000382040_00270_18360_6433.N1	03-SEP-2005 17:21:47	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	18360	No
137	GOM_NL__2PRFIN20050903_174215_000000372040_00270_18360_6434.N1	03-SEP-2005 17:42:15	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	18360	No
138	GOM_NL__2PRFIN20050903_174410_000000352040_00270_18360_6435.N1	03-SEP-2005 17:44:10	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	18360	No
139	GOM_NL__2PRFIN20050903_174525_000000372040_00270_18360_6436.N1	03-SEP-2005 17:45:25	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	18360	No
140	GOM_NL__2PRFIN20050903_175758_000000362040_00270_18360_6437.N1	03-SEP-2005 17:57:58	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18360	No
141	GOM_NL__2PRFIN20050903_180434_000000342040_00270_18360_6438.N1	03-SEP-2005 18:04:34	Bright	34.000	36	50Alp UMa	1.8000	6300.0	68	18360	No
142	GOM_NL__2PRFIN20050903_180557_000000342040_00270_18360_6439.N1	03-SEP-2005 18:05:57	Bright	33.500	82	48Bet UMa	2.3650	10600.	67	18360	No
143	GOM_NL__2PRFIN20050903_183027_000000392040_00270_18360_6440.N1	03-SEP-2005 18:30:27	Dark	39.000	132	15Rho Pup	2.8030	6900.0	78	18360	No
144	GOM_NL__2PRFIN20050903_183444_000000372040_00270_18360_6441.N1	03-SEP-2005 18:34:44	Dark	37.000	70	Zet Pup	2.2460	39000.	74	18360	No
145	GOM_NL__2PRFIN20050903_183950_000000492040_00270_18360_6442.N1	03-SEP-2005 18:39:50	Dark	48.500	41	Eps Car	1.8600	4100.0	97	18360	No
146	GOM_NL__2PRFIN20050903_185019_000000372040_00271_18361_6430.N1	03-SEP-2005 18:50:19	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	18361	No
147	GOM_NL__2PRFIN20050903_185554_000000392040_00271_18361_6431.N1	03-SEP-2005 18:55:54	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	18361	No
148	GOM_NL__2PRFIN20050903_185935_000000392040_00271_18361_6432.N1	03-SEP-2005 18:59:35	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	18361	No
149	GOM_NL__2PRFIN20050903_190224_000000382040_00271_18361_6433.N1	03-SEP-2005 19:02:24	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	18361	No
150	GOM_NL__2PRFIN20050903_192251_000000362040_00271_18361_6434.N1	03-SEP-2005 19:22:51	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	18361	No
151	GOM_NL__2PRFIN20050903_192447_000000362040_00271_18361_6435.N1	03-SEP-2005 19:24:47	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	18361	No
152	GOM_NL__2PRFIN20050903_192601_000000382040_00271_18361_6436.N1	03-SEP-2005 19:26:01	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	18361	No
153	GOM_NL__2PRFIN20050903_193834_000000372040_00271_18361_6437.N1	03-SEP-2005 19:38:34	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18361	No
154	GOM_NL__2PRFIN20050903_194510_000000372040_00271_18361_6438.N1	03-SEP-2005 19:45:10	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18361	No
155	GOM_NL__2PRFIN20050903_194633_000000362040_00271_18361_6439.N1	03-SEP-2005 19:46:33	Bright	35.500	82	48Bet UMa	2.3650	10600.	71	18361	No
156	GOM_NL__2PRFIN20050903_201104_000000392040_00271_18361_6440.N1	03-SEP-2005 20:11:04	Dark	38.500	132	15Rho Pup	2.8030	6900.0	77	18361	No
157	GOM_NL__2PRFIN20050903_201520_000000382040_00271_18361_6441.N1	03-SEP-2005 20:15:20	Dark	37.500	70	Zet Pup	2.2460	39000.	75	18361	No
158	GOM_NL__2PRFIN20050903_202026_000000412040_00271_18361_6442.N1	03-SEP-2005 20:20:26	Dark	40.500	41	Eps Car	1.8600	4100.0	81	18361	No
159	GOM_NL__2PRFIN20050903_203056_000000382040_00272_18362_6450.N1	03-SEP-2005 20:30:56	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18362	No
160	GOM_NL__2PRFIN20050903_203630_000000452040_00272_18362_6451.N1	03-SEP-2005 20:36:30	Straylight	45.000	148	Alp Tuc	2.8780	4100.0	90	18362	No

161	GOM_NL__2PRFIN20050903_204011_000000422040_00272_18362_6452.N1	03-SEP-2005 20:40:11	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	18362	No
162	GOM_NL__2PRFIN20050903_204300_000000392040_00272_18362_6453.N1	03-SEP-2005 20:43:00	Straylight	38.500	172	Gam Gru	3.0030	13100.	77	18362	No
163	GOM_NL__2PRFIN20050903_210327_000000352040_00272_18362_6454.N1	03-SEP-2005 21:03:27	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	18362	No
164	GOM_NL__2PRFIN20050903_210523_000000342040_00272_18362_6455.N1	03-SEP-2005 21:05:23	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	18362	No
165	GOM_NL__2PRFIN20050903_210637_000000372040_00272_18362_6456.N1	03-SEP-2005 21:06:37	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	18362	No
166	GOM_NL__2PRFIN20050903_211910_000000362040_00272_18362_6457.N1	03-SEP-2005 21:19:10	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18362	No
167	GOM_NL__2PRFIN20050903_212546_000000342040_00272_18362_6458.N1	03-SEP-2005 21:25:46	Bright	34.000	36	50Alp UMa	1.8000	6300.0	68	18362	No
168	GOM_NL__2PRFIN20050903_212709_000000342040_00272_18362_6459.N1	03-SEP-2005 21:27:09	Bright	33.500	82	48Bet UMa	2.3650	10600.	67	18362	No
169	GOM_NL__2PRFIN20050903_215140_000000402040_00272_18362_6460.N1	03-SEP-2005 21:51:40	Dark	39.500	132	15Rho Pup	2.8030	6900.0	79	18362	No
170	GOM_NL__2PRFIN20050903_215557_000000392040_00272_18362_6461.N1	03-SEP-2005 21:55:57	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18362	No
171	GOM_NL__2PRFIN20050903_220102_000000412040_00272_18362_6462.N1	03-SEP-2005 22:01:02	Dark	40.500	41	Eps Car	1.8600	4100.0	81	18362	No
172	GOM_NL__2PRFIN20050903_221132_000000372040_00273_18363_6450.N1	03-SEP-2005 22:11:32	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18363	No
173	GOM_NL__2PRFIN20050903_221706_000000432040_00273_18363_6451.N1	03-SEP-2005 22:17:06	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	18363	No
174	GOM_NL__2PRFIN20050903_222047_000000402040_00273_18363_6452.N1	03-SEP-2005 22:20:47	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	18363	No
175	GOM_NL__2PRFIN20050903_222336_000000382040_00273_18363_6453.N1	03-SEP-2005 22:23:36	Straylight	37.500	172	Gam Gru	3.0030	13100.	75	18363	No
176	GOM_NL__2PRFIN20050903_224403_000000342040_00273_18363_6454.N1	03-SEP-2005 22:44:03	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	18363	No
177	GOM_NL__2PRFIN20050903_224559_000000362040_00273_18363_6455.N1	03-SEP-2005 22:45:59	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	18363	No
178	GOM_NL__2PRFIN20050903_224713_000000372040_00273_18363_6456.N1	03-SEP-2005 22:47:13	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	18363	No
179	GOM_NL__2PRFIN20050903_225947_000000372040_00273_18363_6457.N1	03-SEP-2005 22:59:47	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18363	No
180	GOM_NL__2PRFIN20050903_230623_000000372040_00273_18363_6458.N1	03-SEP-2005 23:06:23	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18363	No
181	GOM_NL__2PRFIN20050903_230745_000000342040_00273_18363_6459.N1	03-SEP-2005 23:07:45	Bright	33.500	82	48Bet UMa	2.3650	10600.	67	18363	No

3. Quality information per product

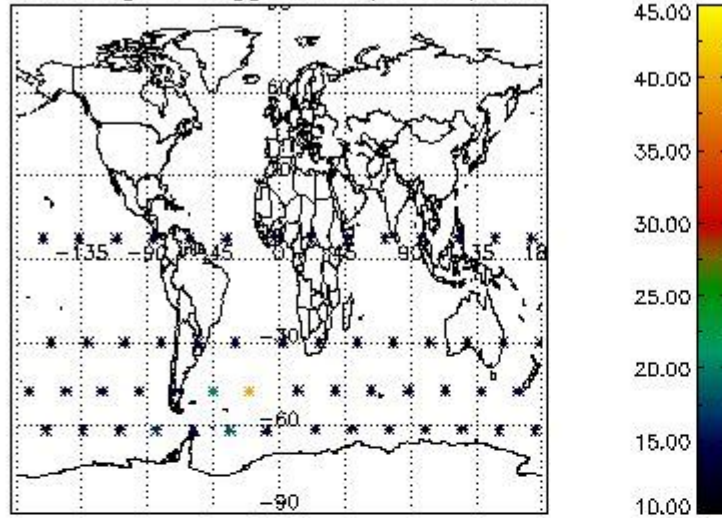
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

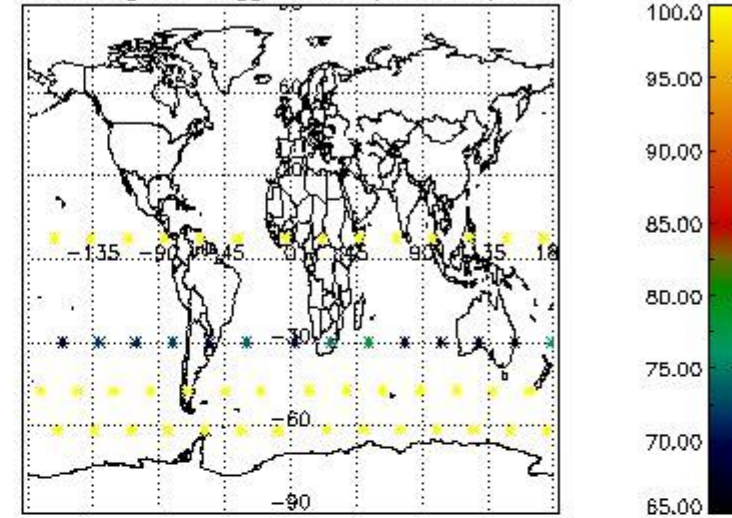


3.2 Plot quality information per product (world map)

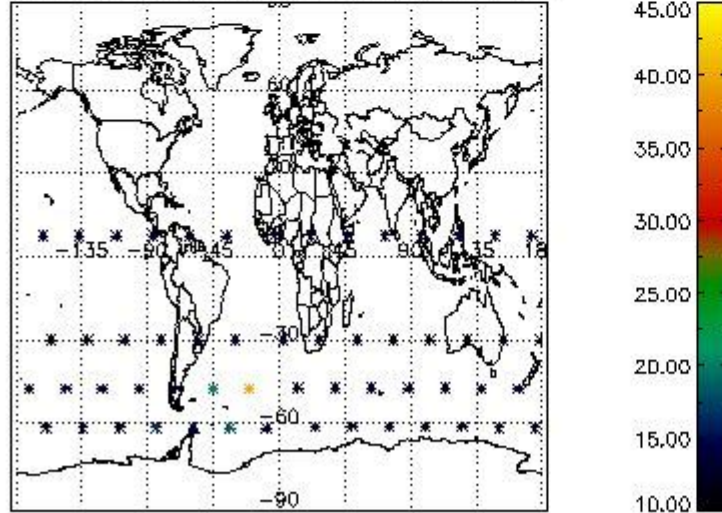
Percentage of flagged data per O3 profile



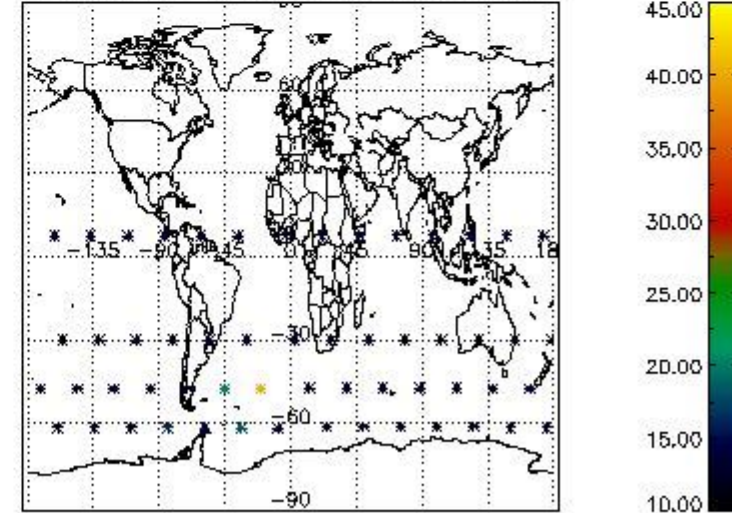
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

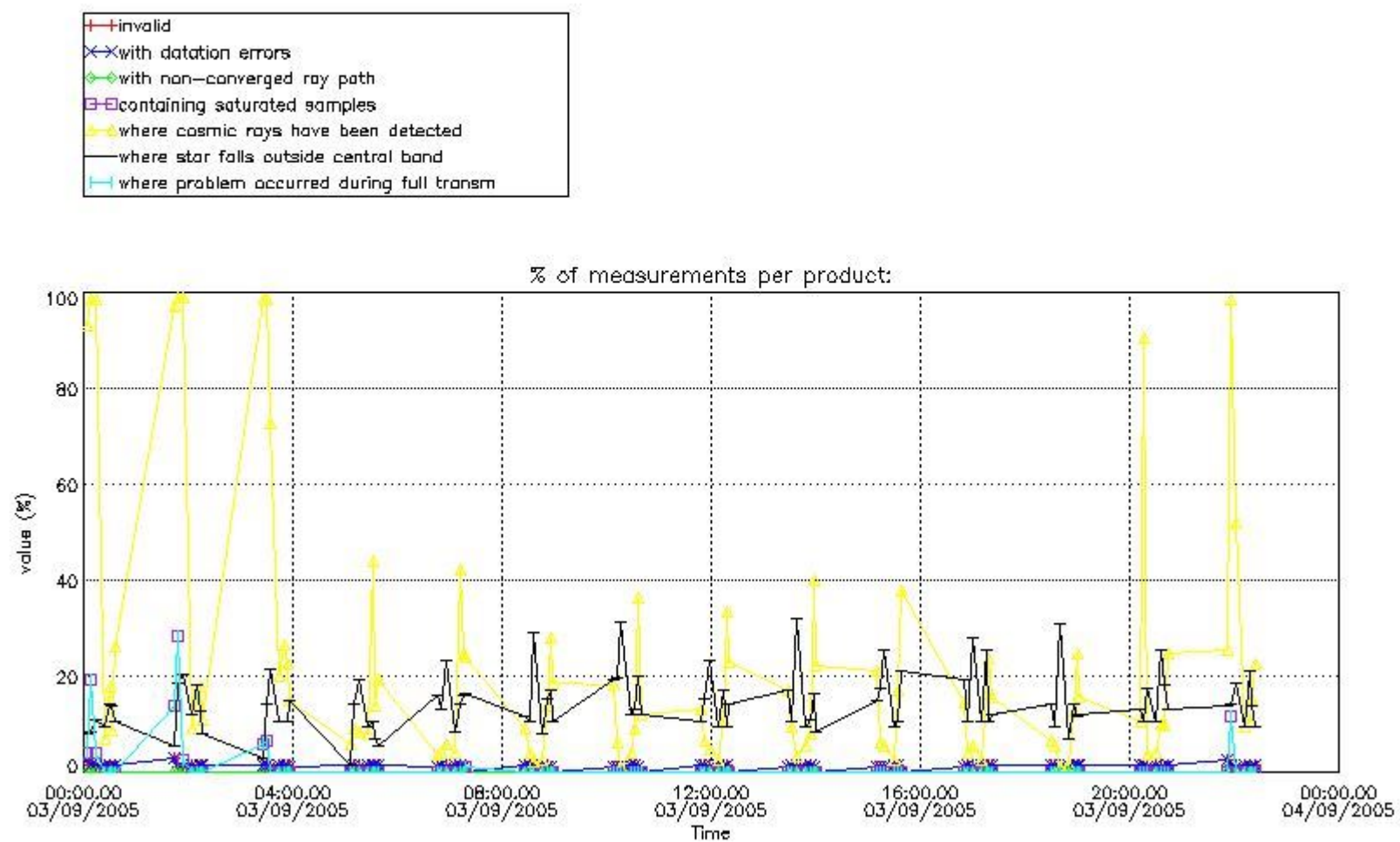


4. Level 1 quality information per product

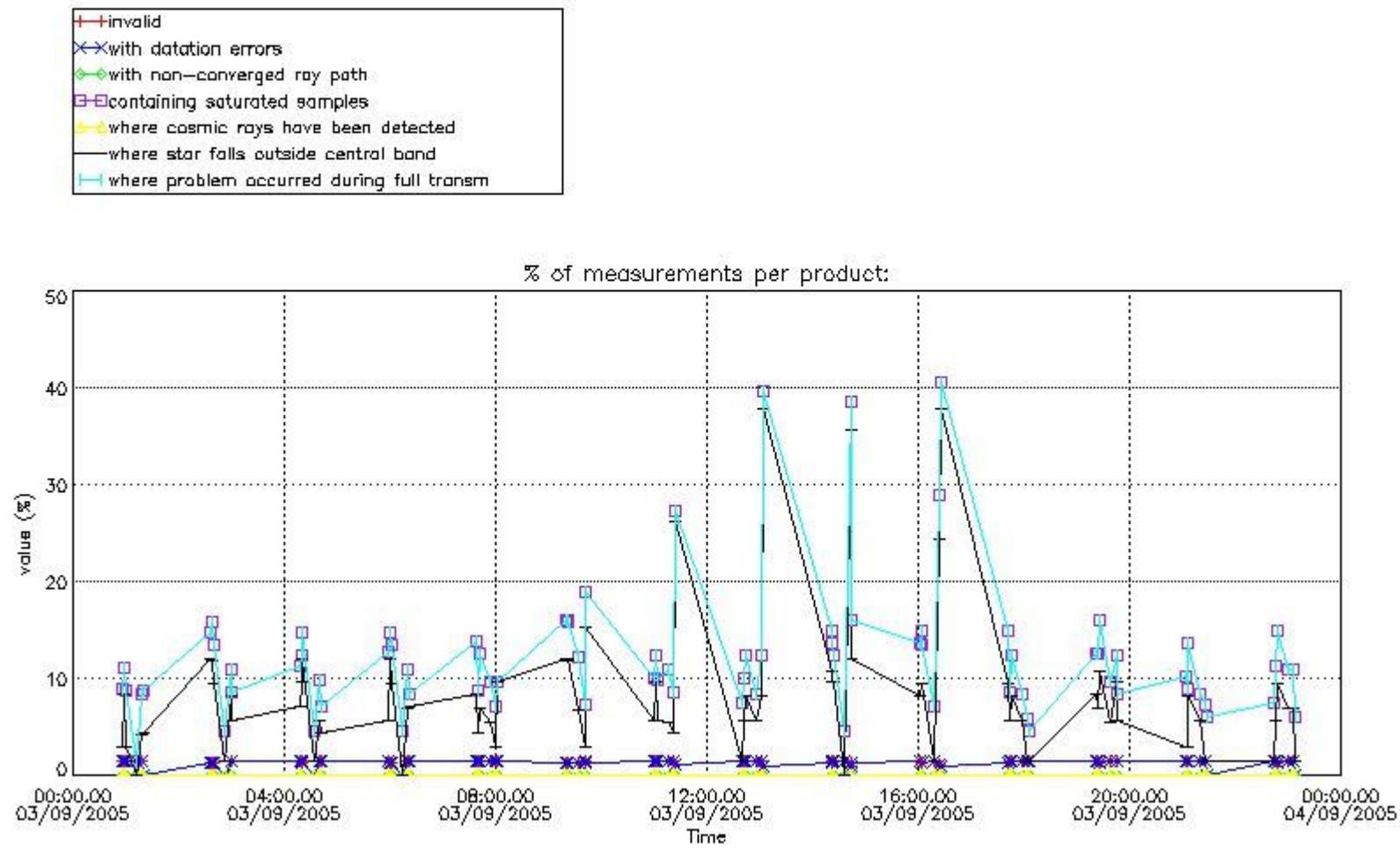
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



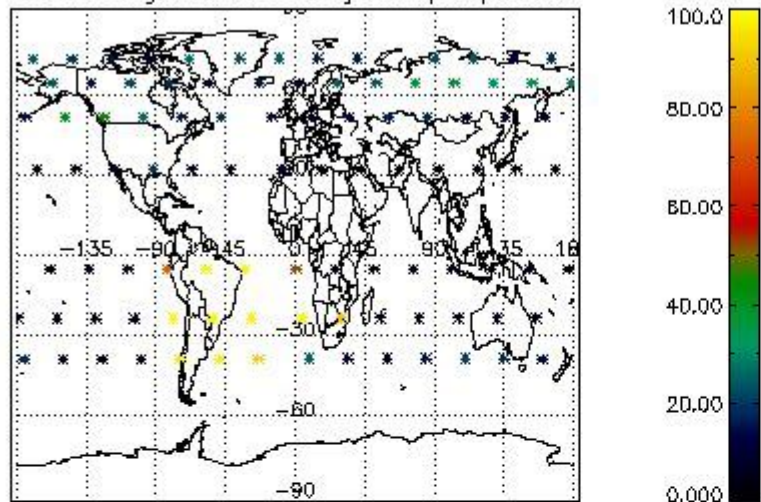
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



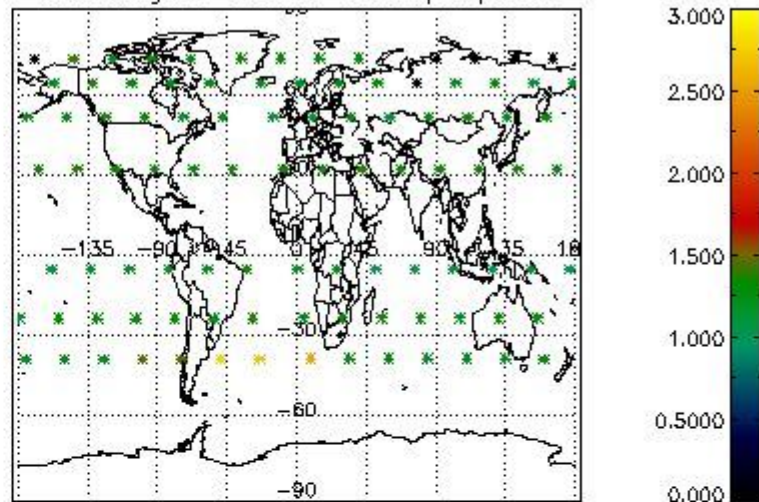
4.2 Plot quality information per product coming from level 1b processing (world map)

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

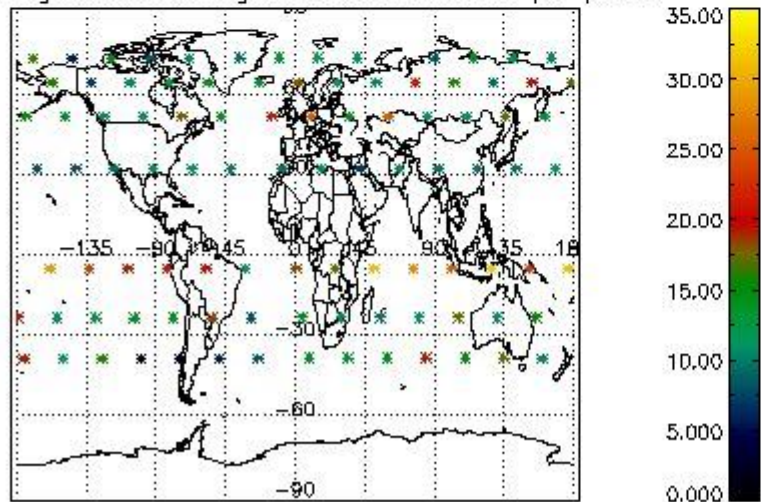
Percentage of cosmic ray hits per profile



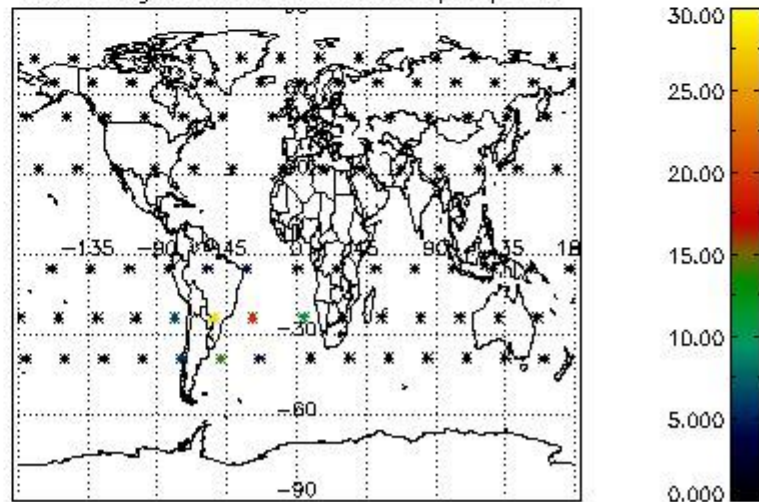
Percentage of datation errors per profile



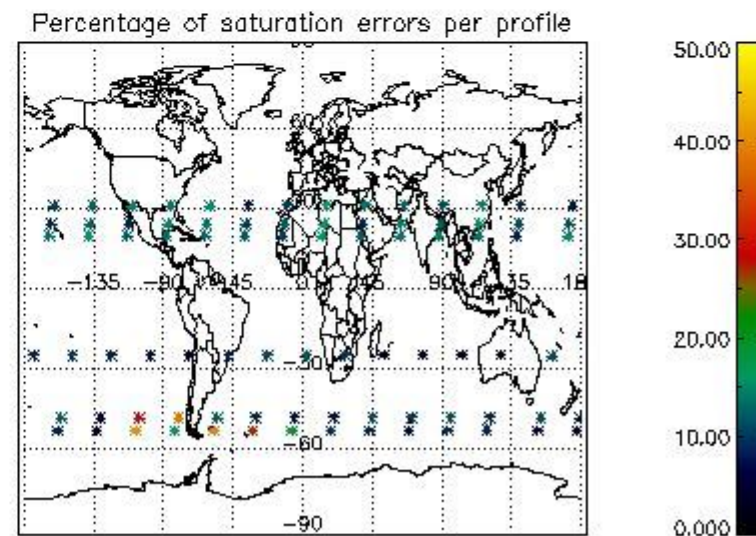
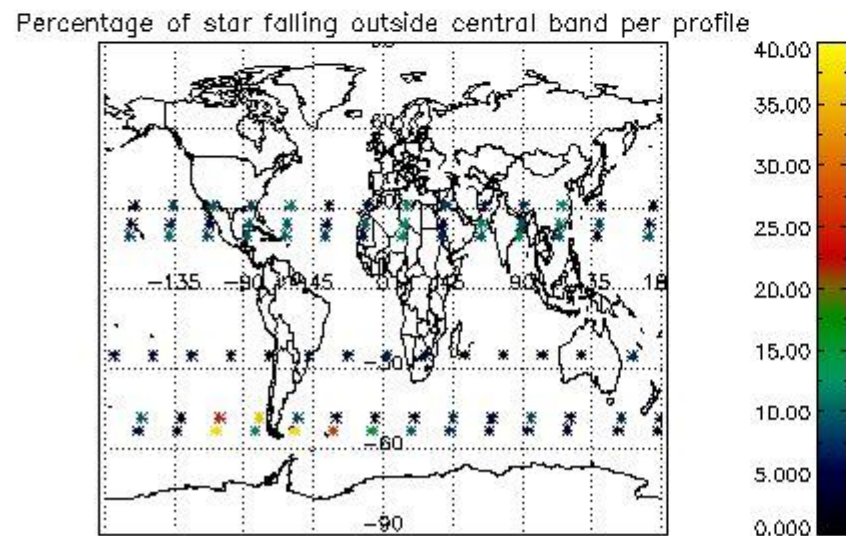
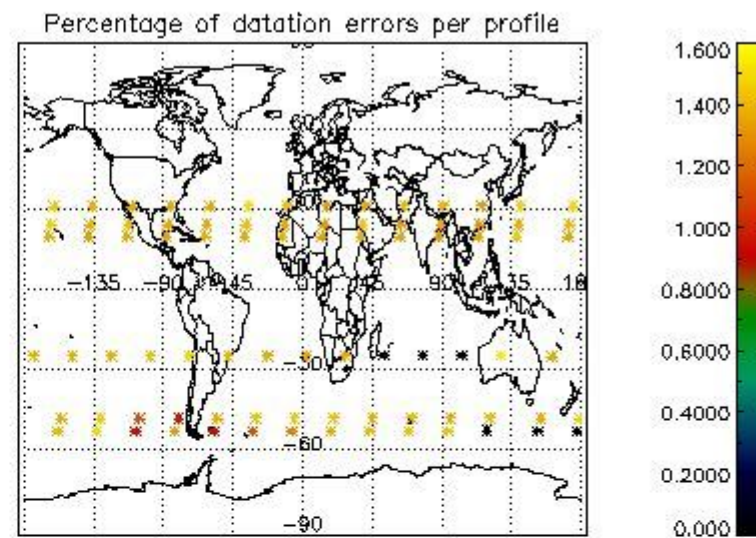
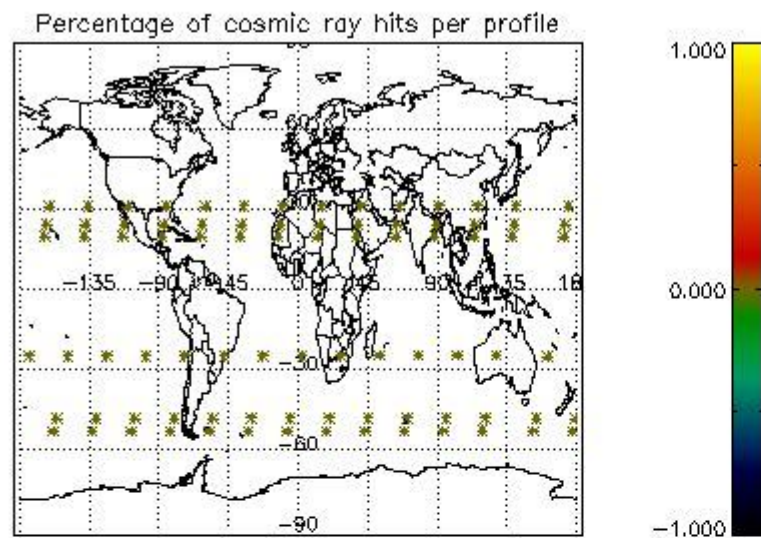
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

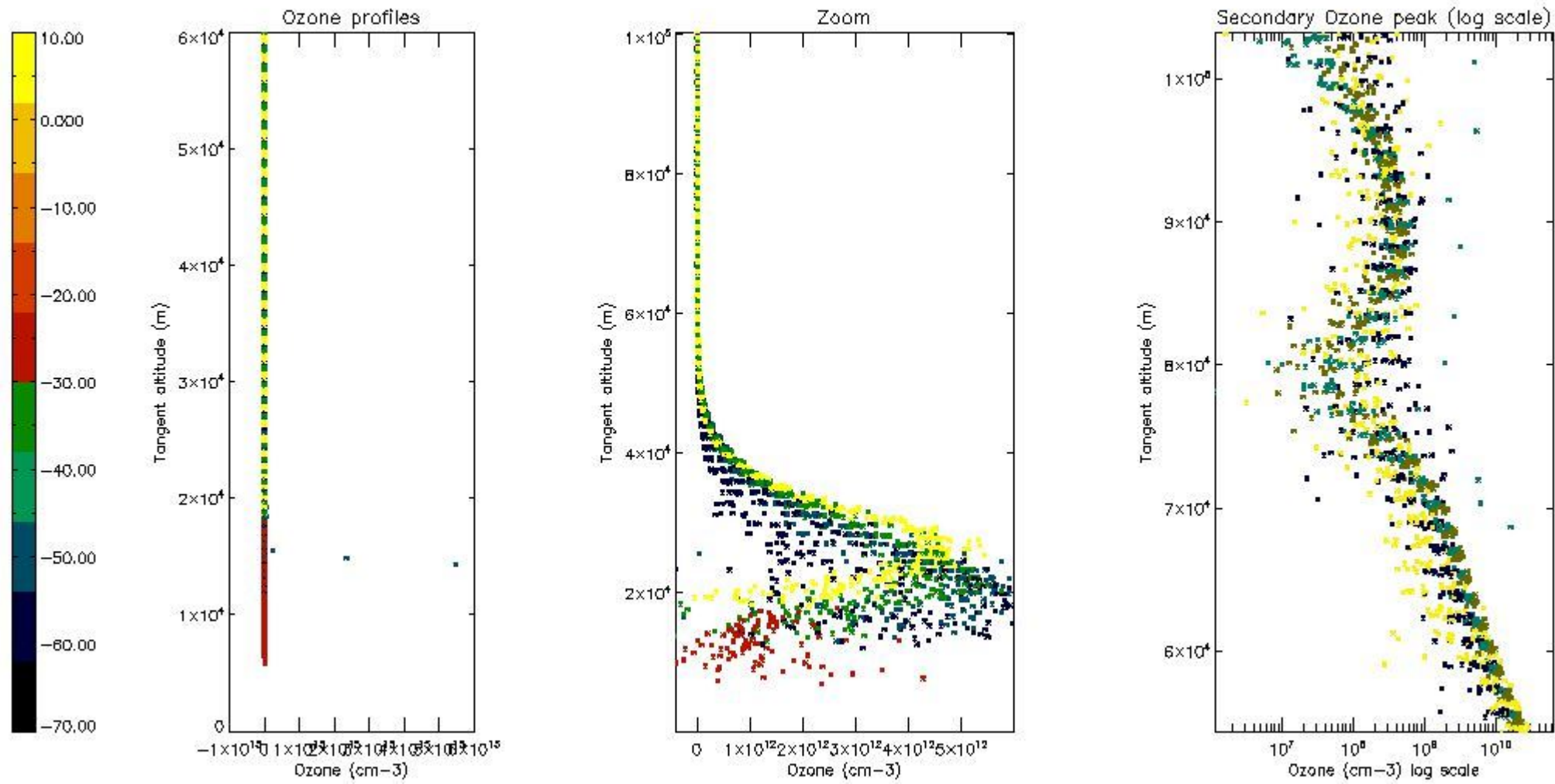
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	17

STD < 10	12
STD < 5	5

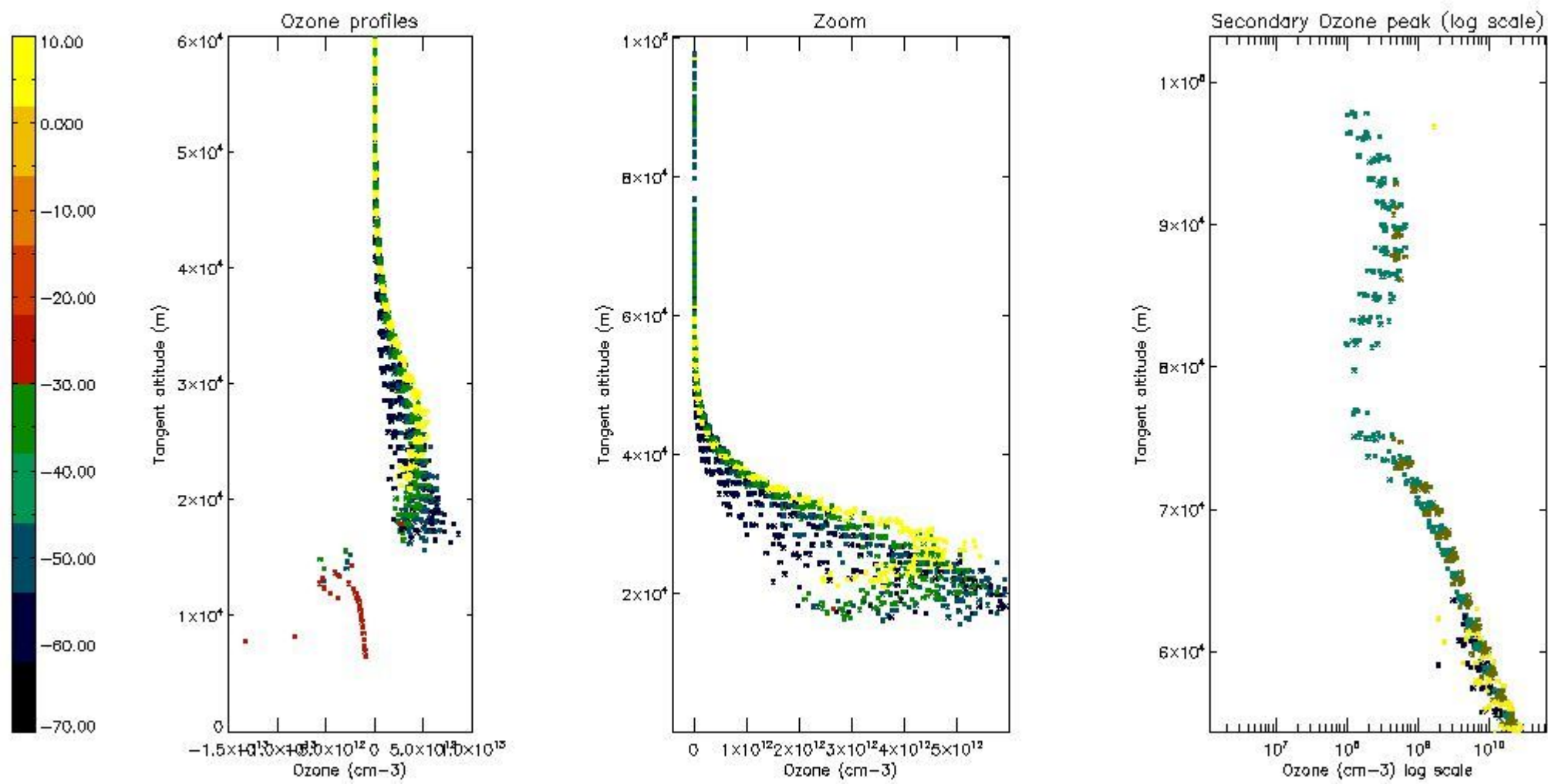
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



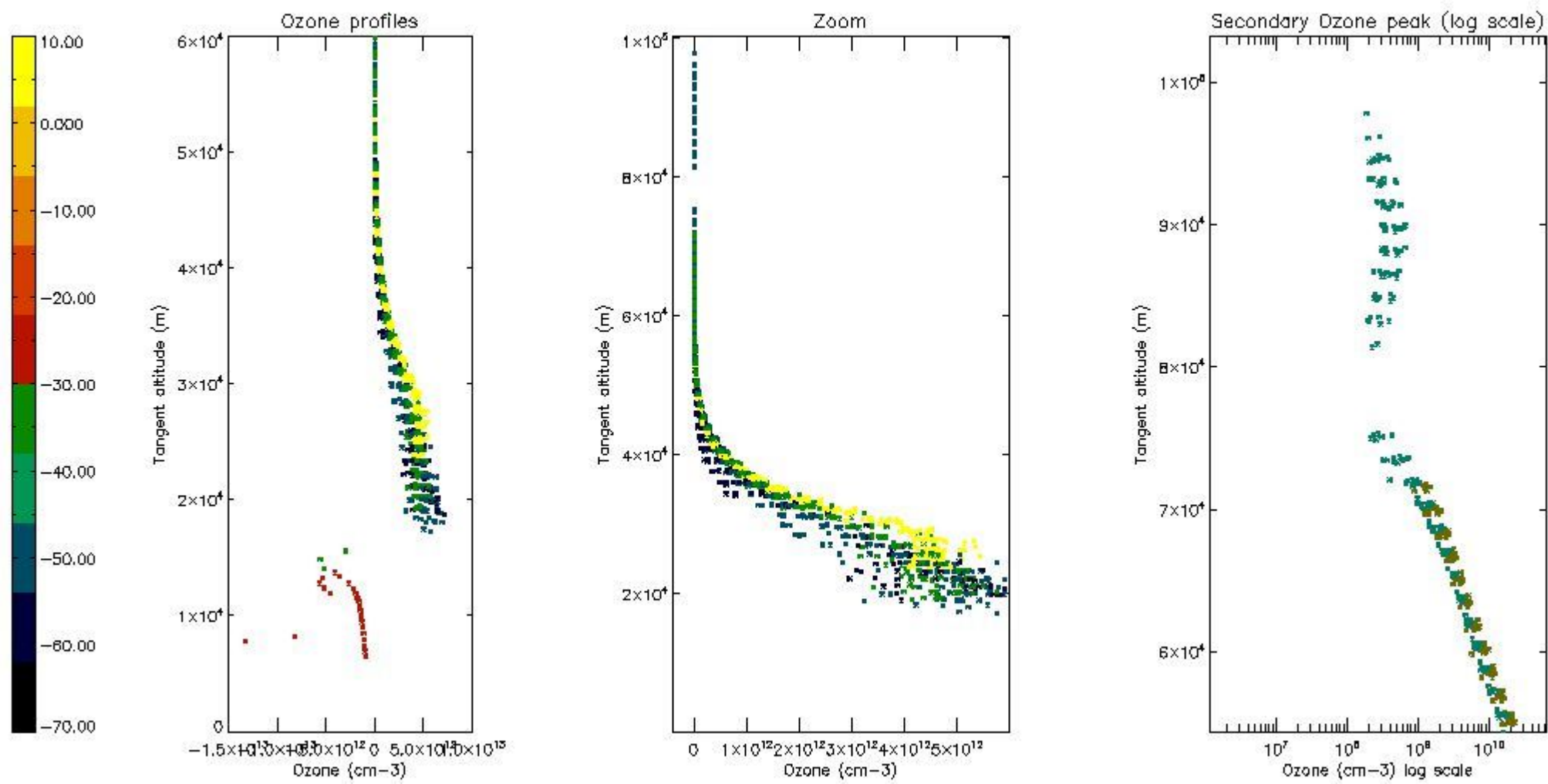
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



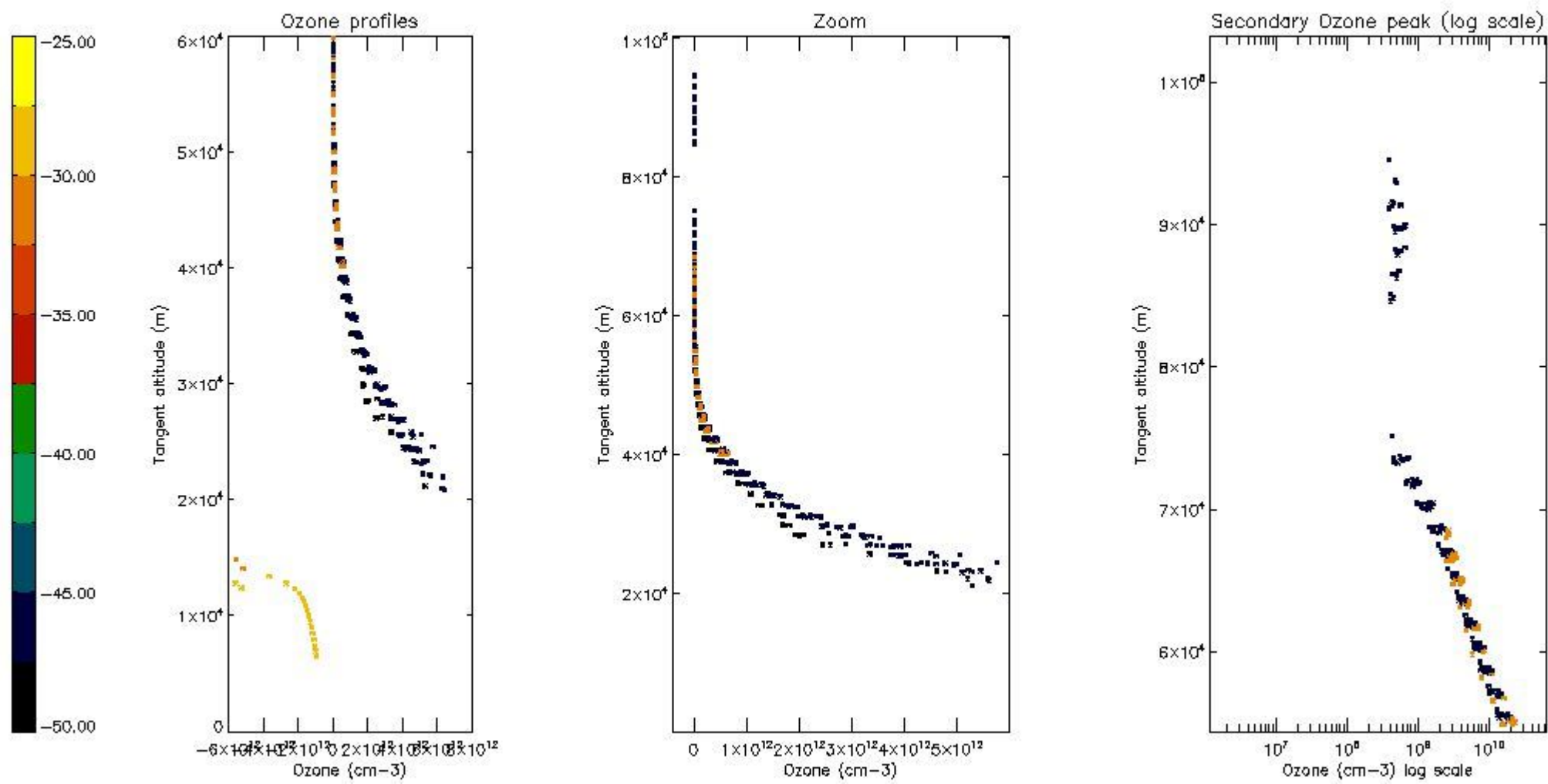
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



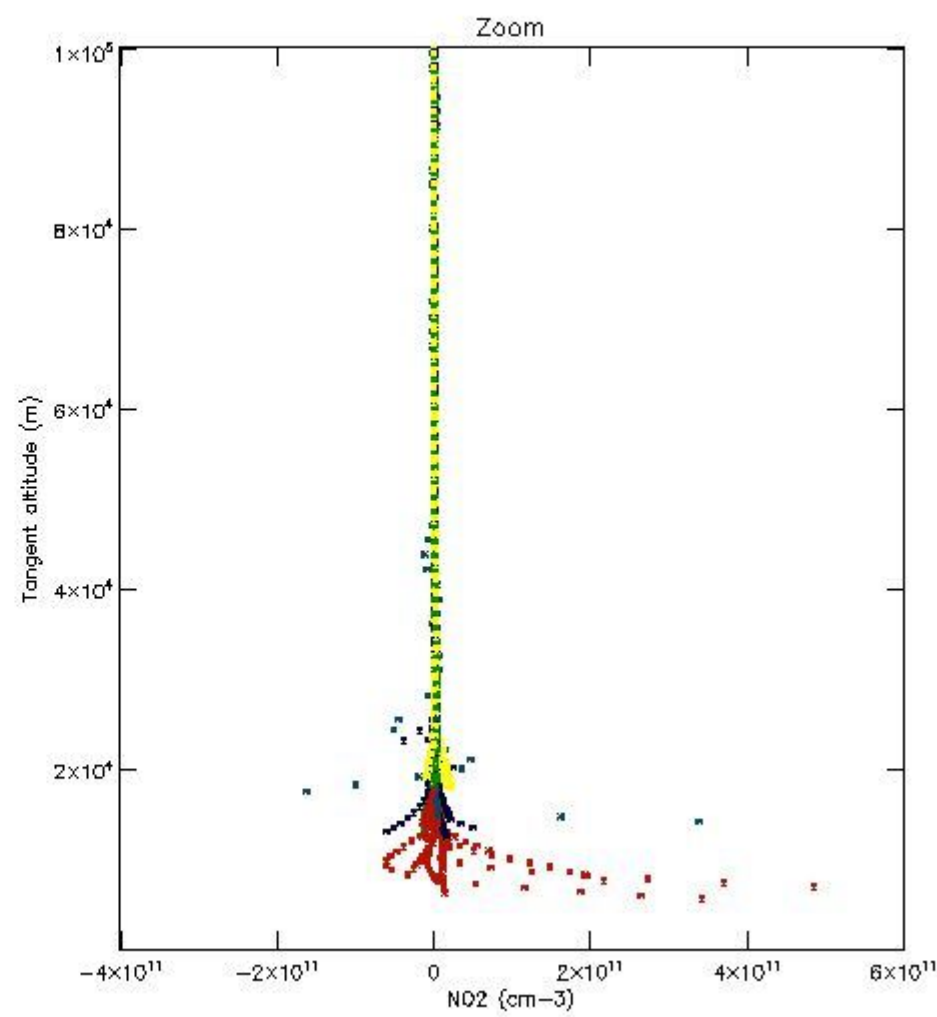
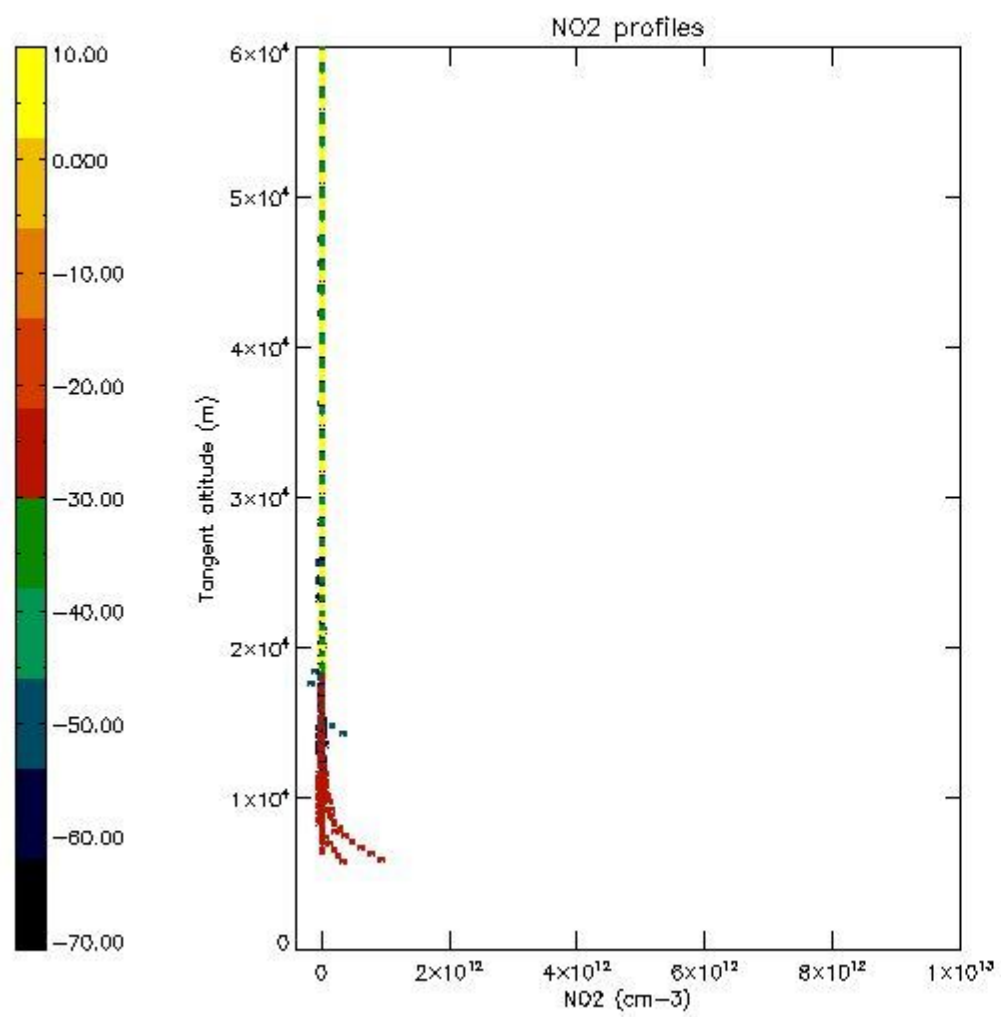
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



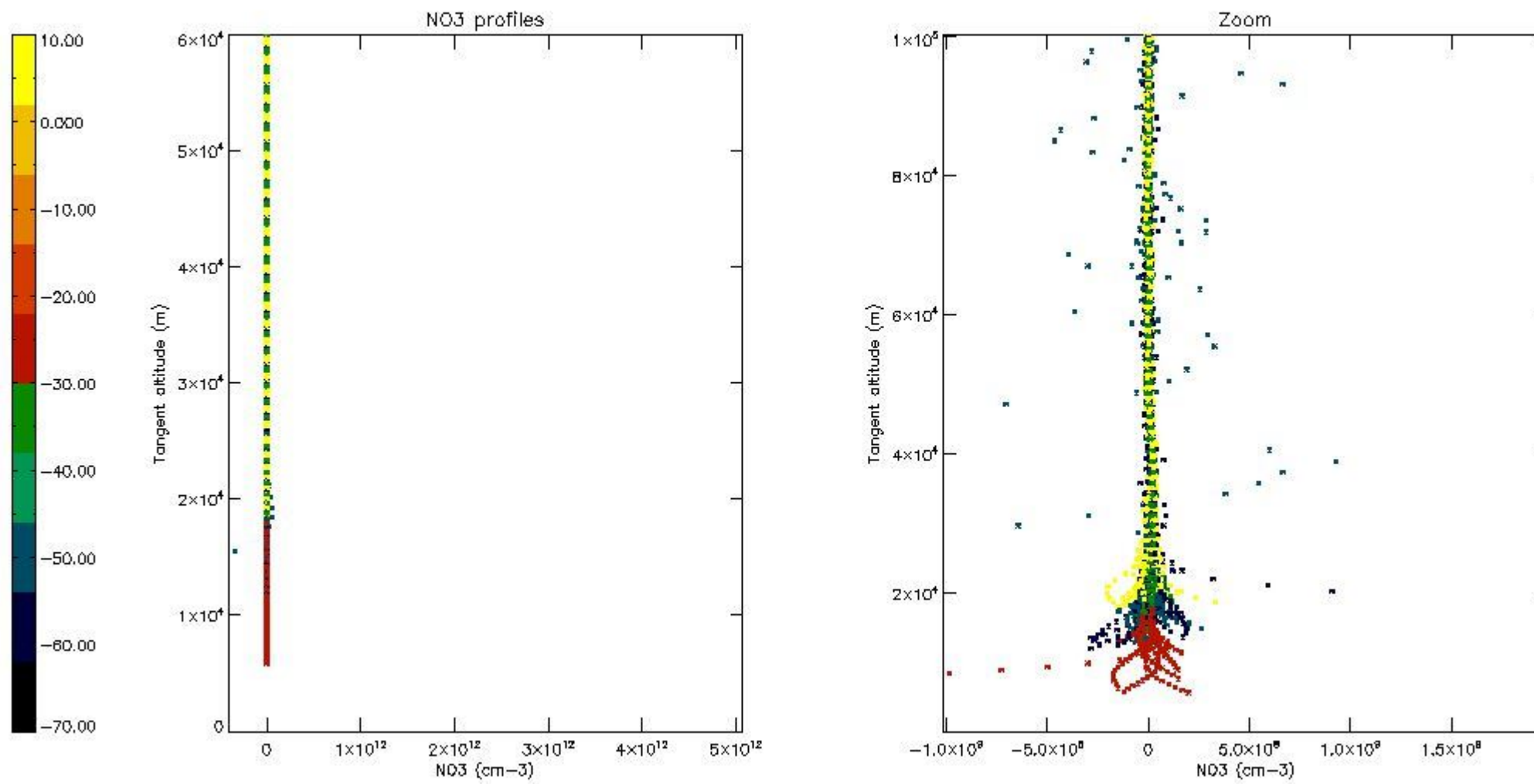
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

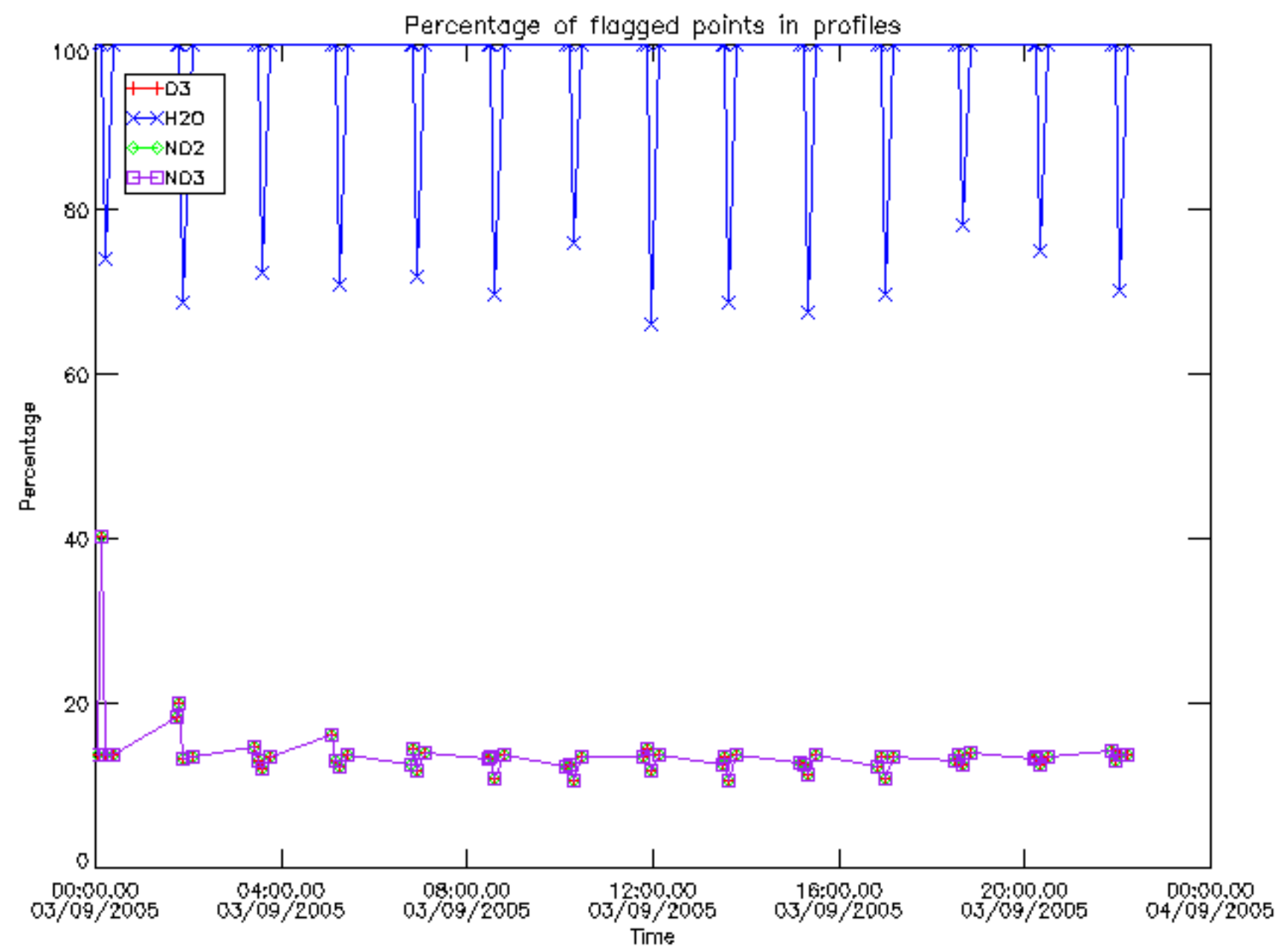
The colorbar represents the latitude.



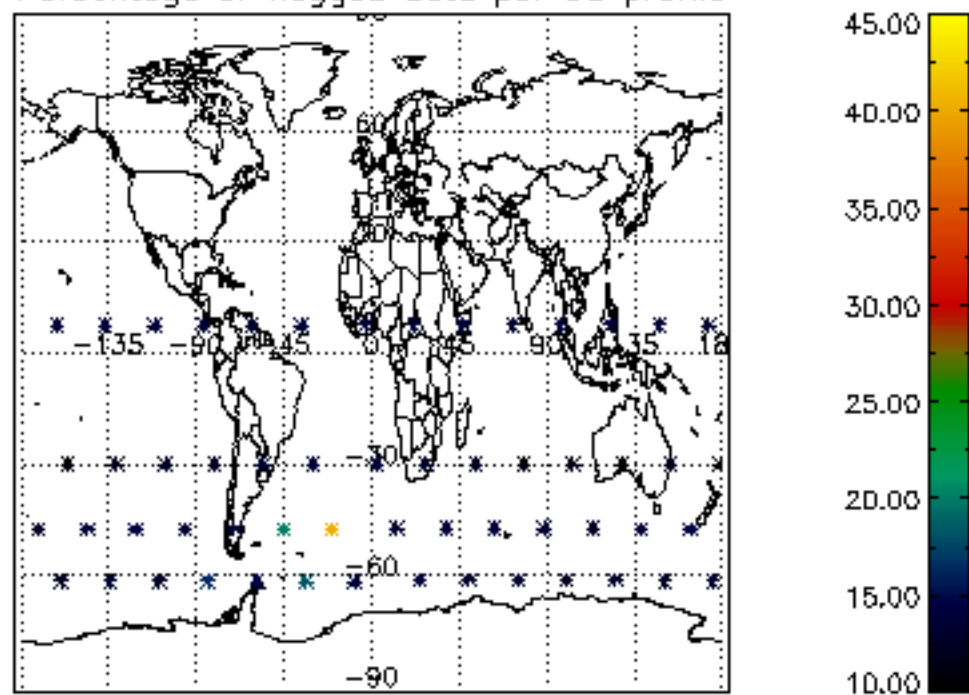
6. Auxiliary Data Files used for the production reported in section 2

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.

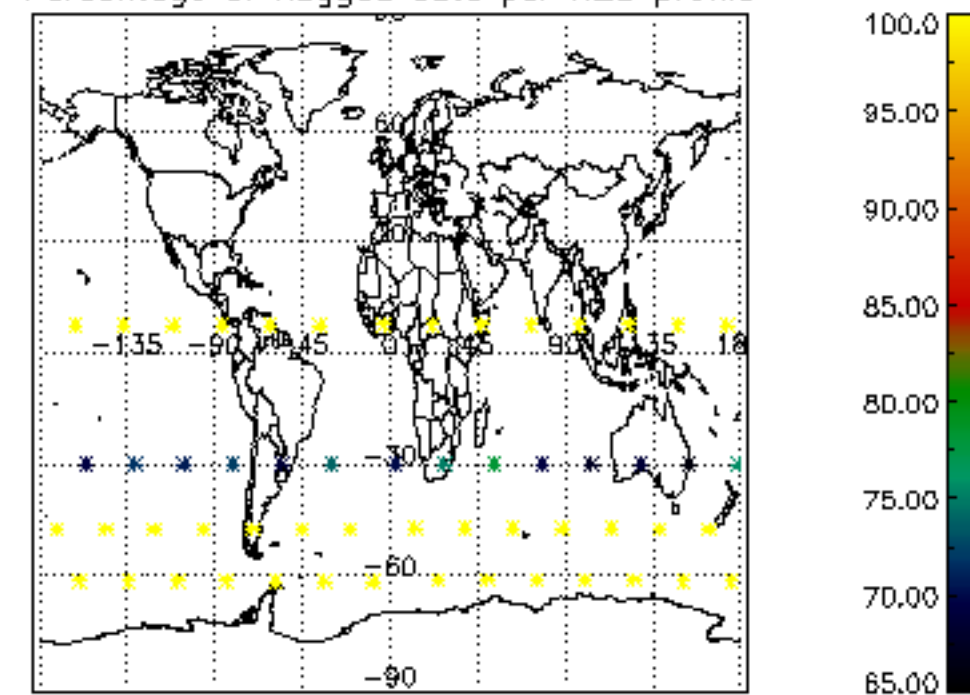
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-SEP-2005 00:03:49
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-SEP-2005 00:03:49
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-SEP-2005 00:03:49



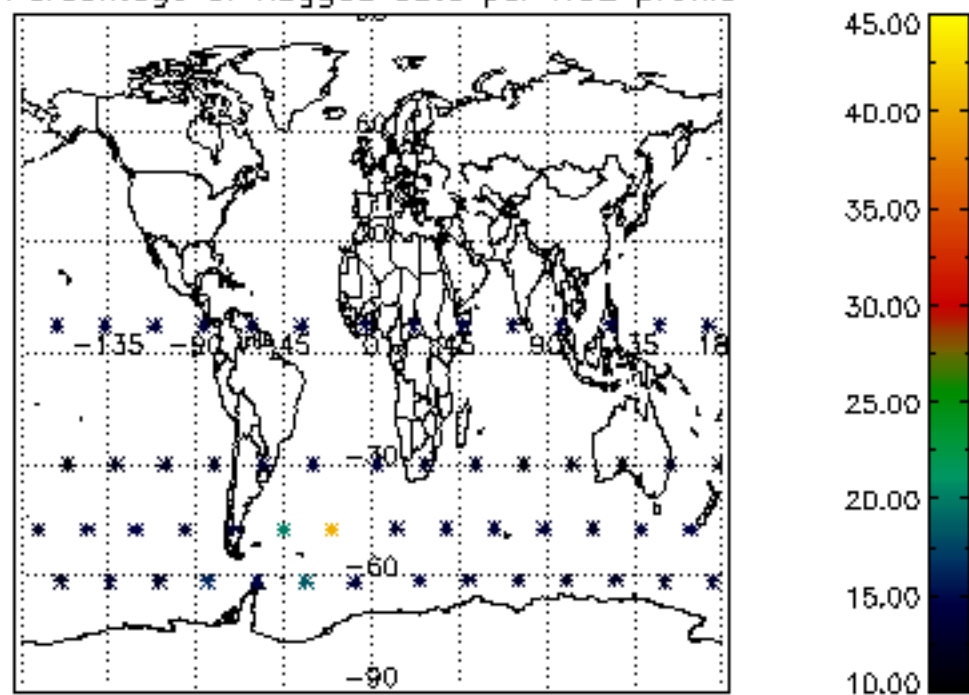
Percentage of flagged data per D3 profile



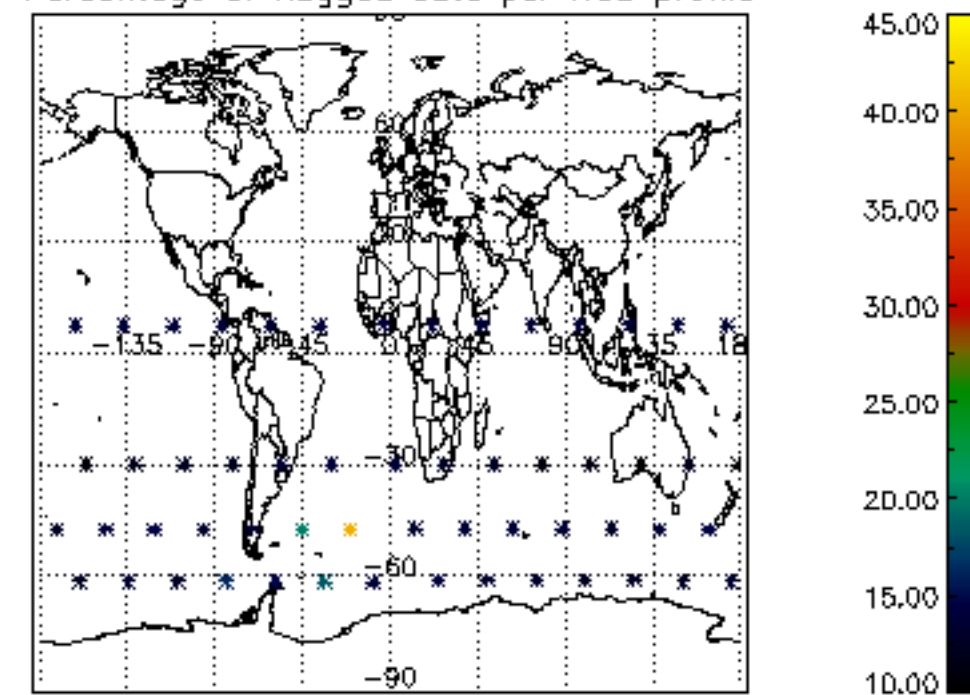
Percentage of flagged data per H2O profile

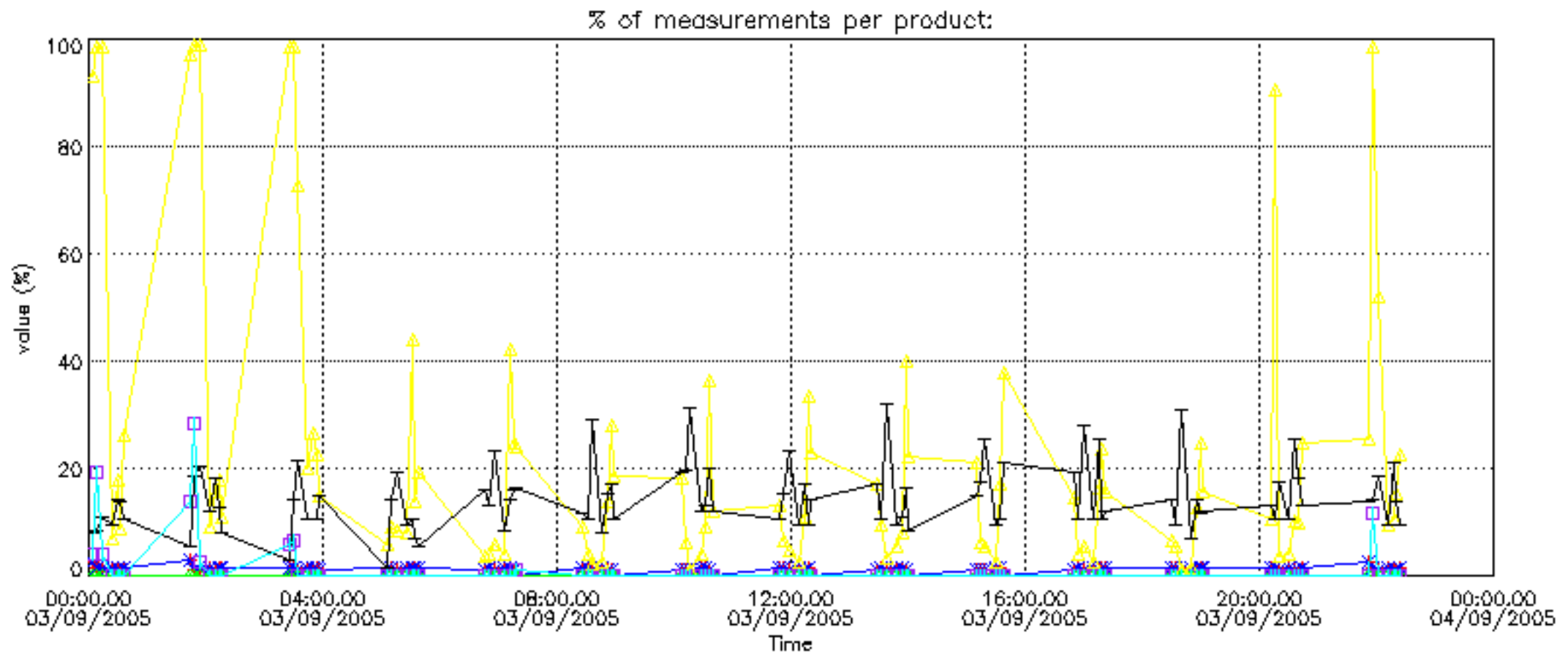


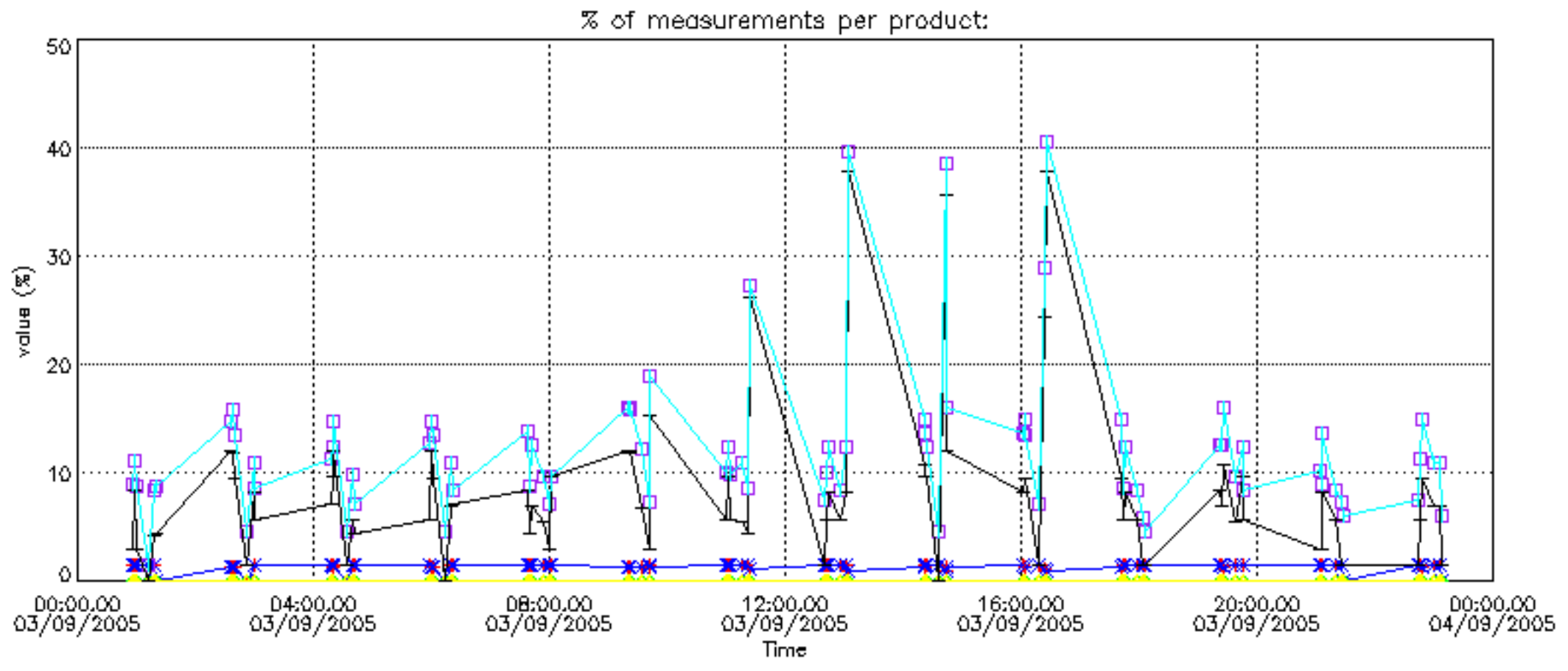
Percentage of flagged data per NO2 profile



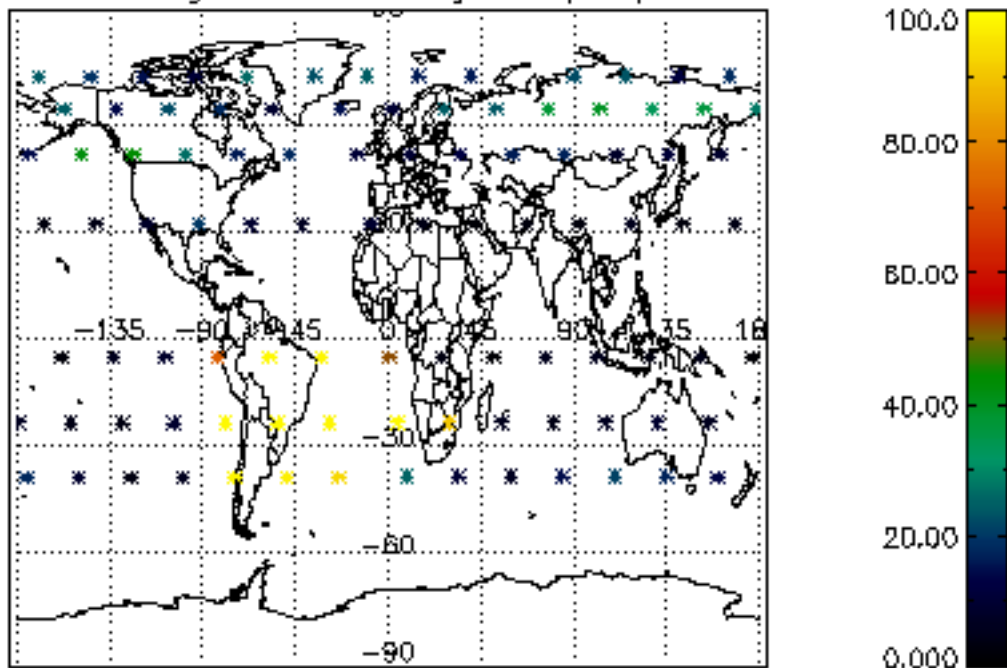
Percentage of flagged data per NO3 profile



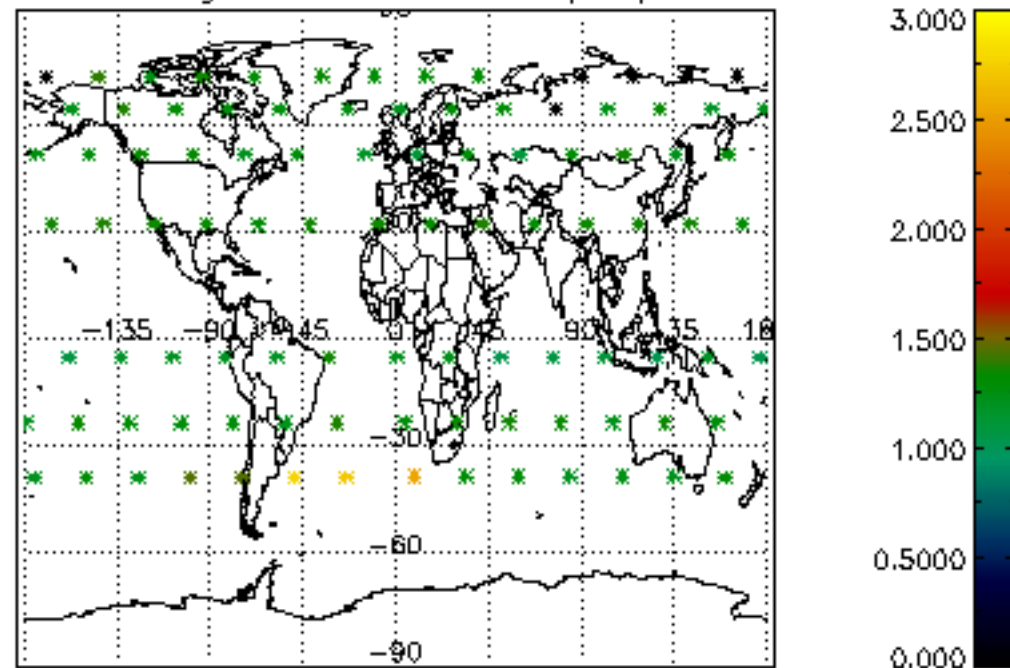




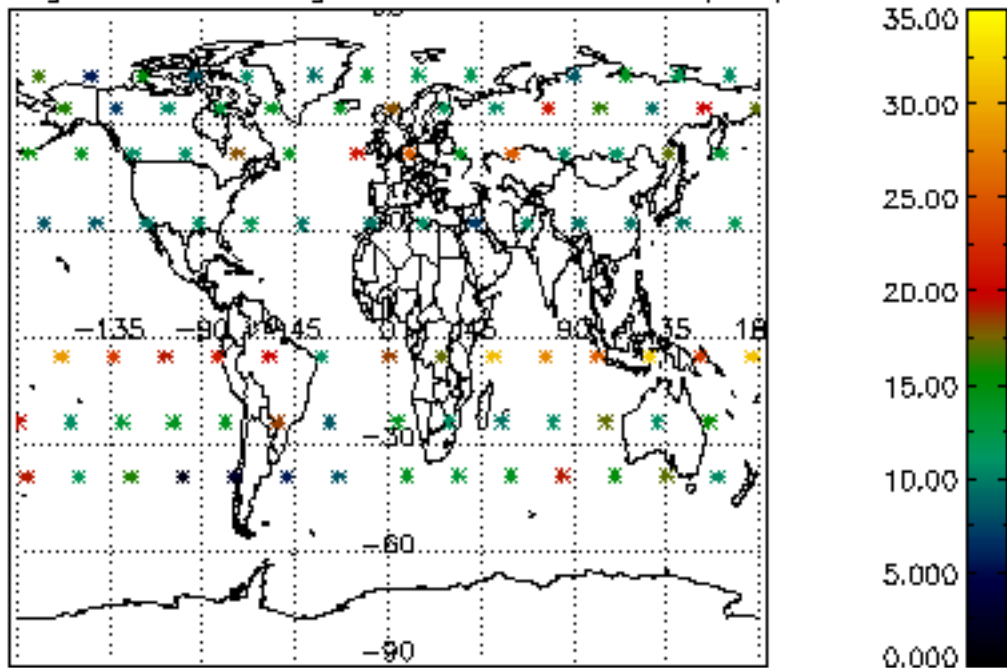
Percentage of cosmic ray hits per profile



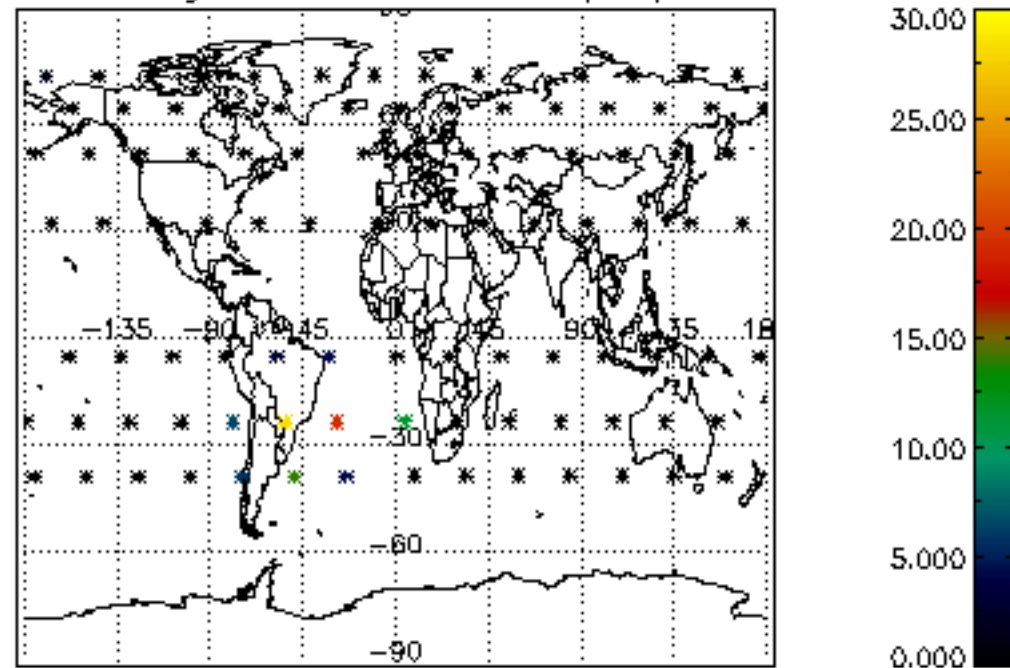
Percentage of datation errors per profile



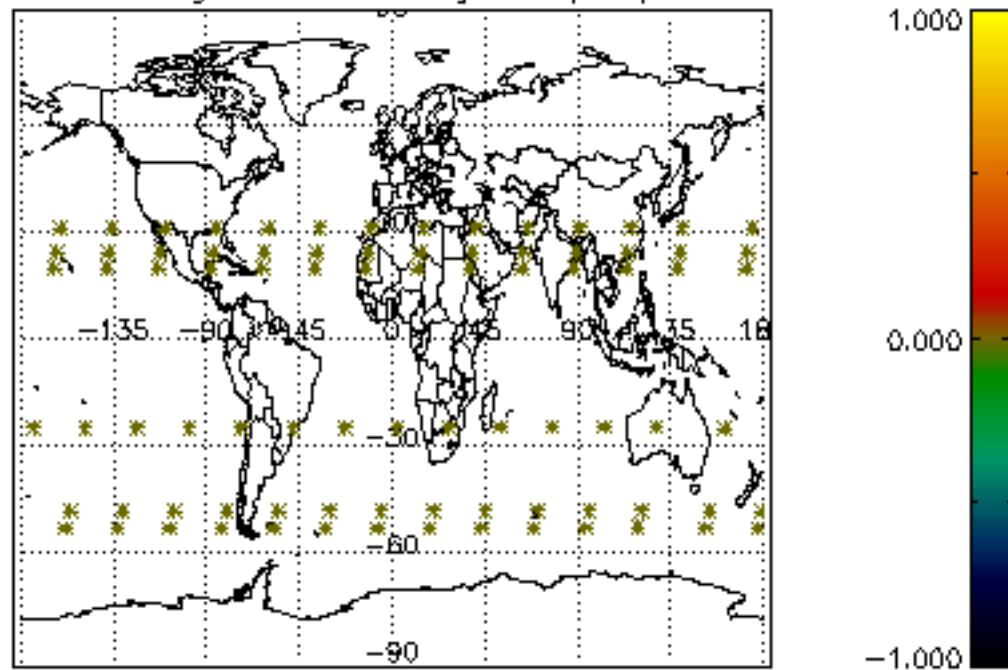
Percentage of star falling outside central band per profile



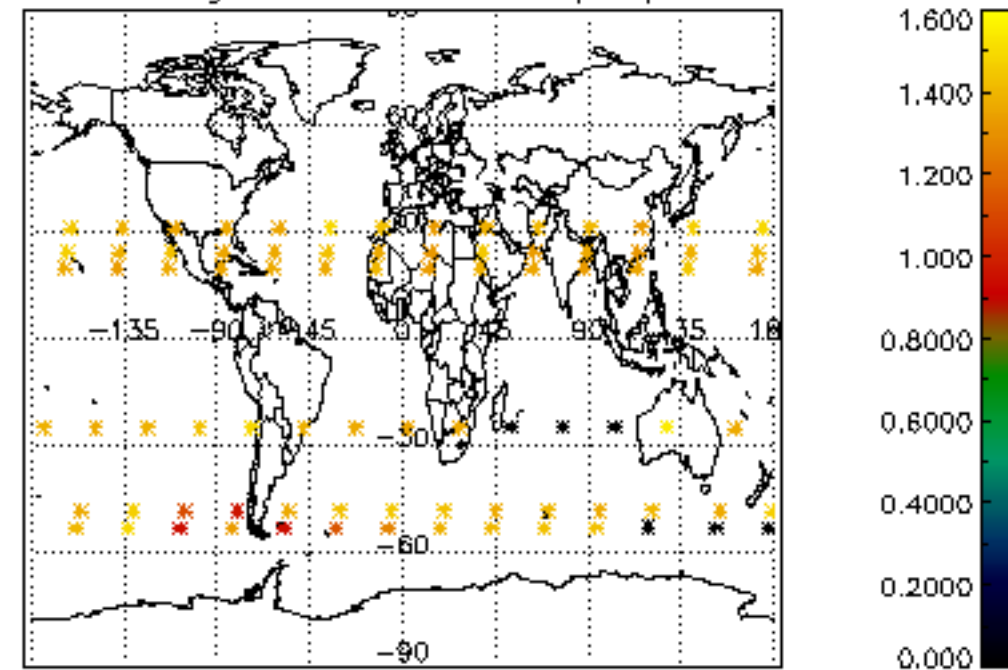
Percentage of saturation errors per profile



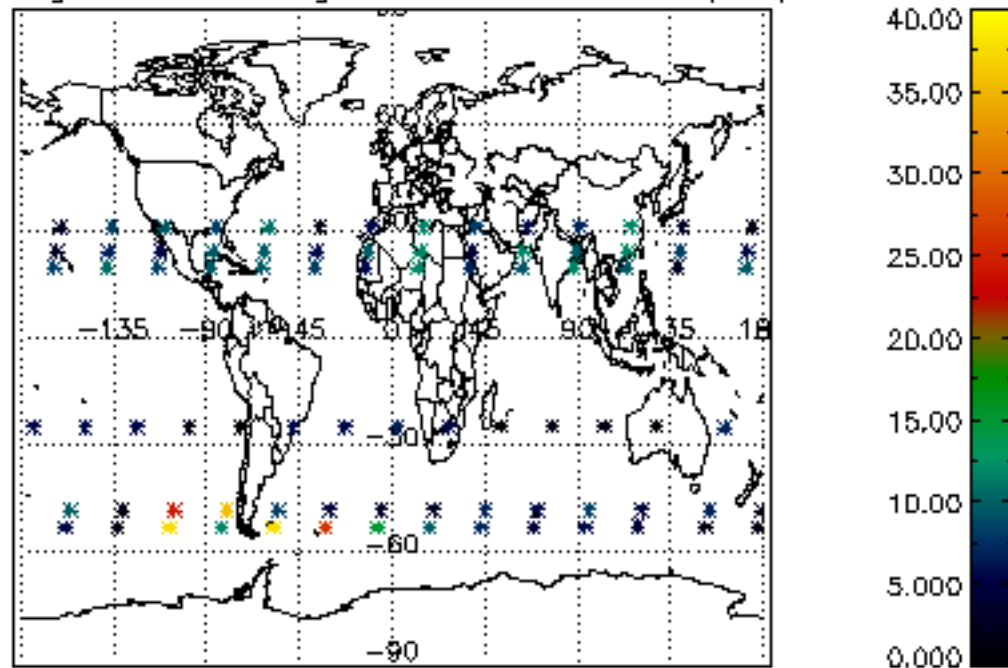
Percentage of cosmic ray hits per profile



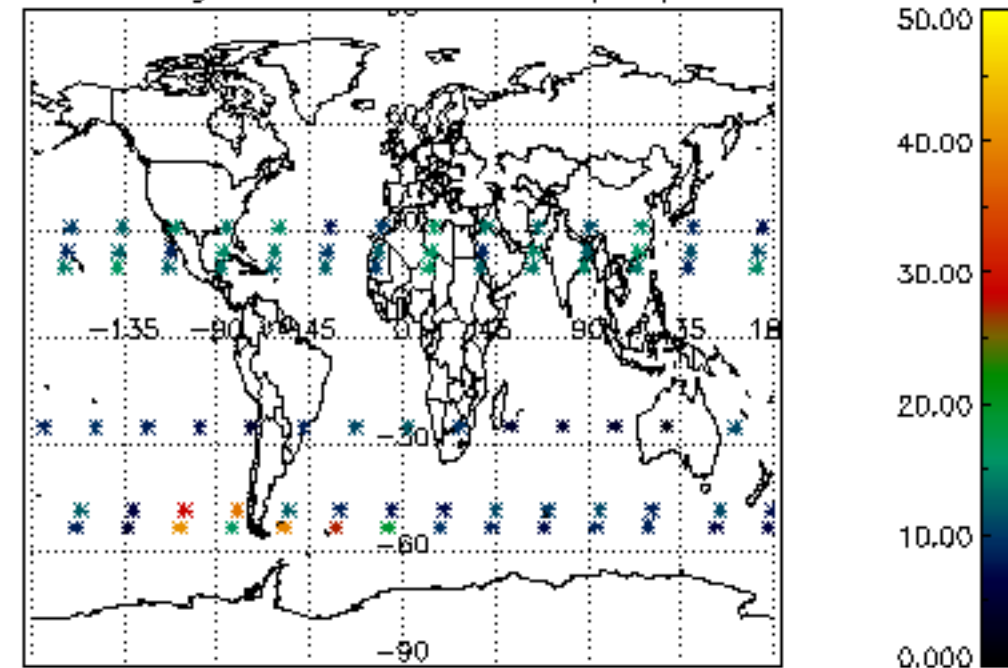
Percentage of datation errors per profile

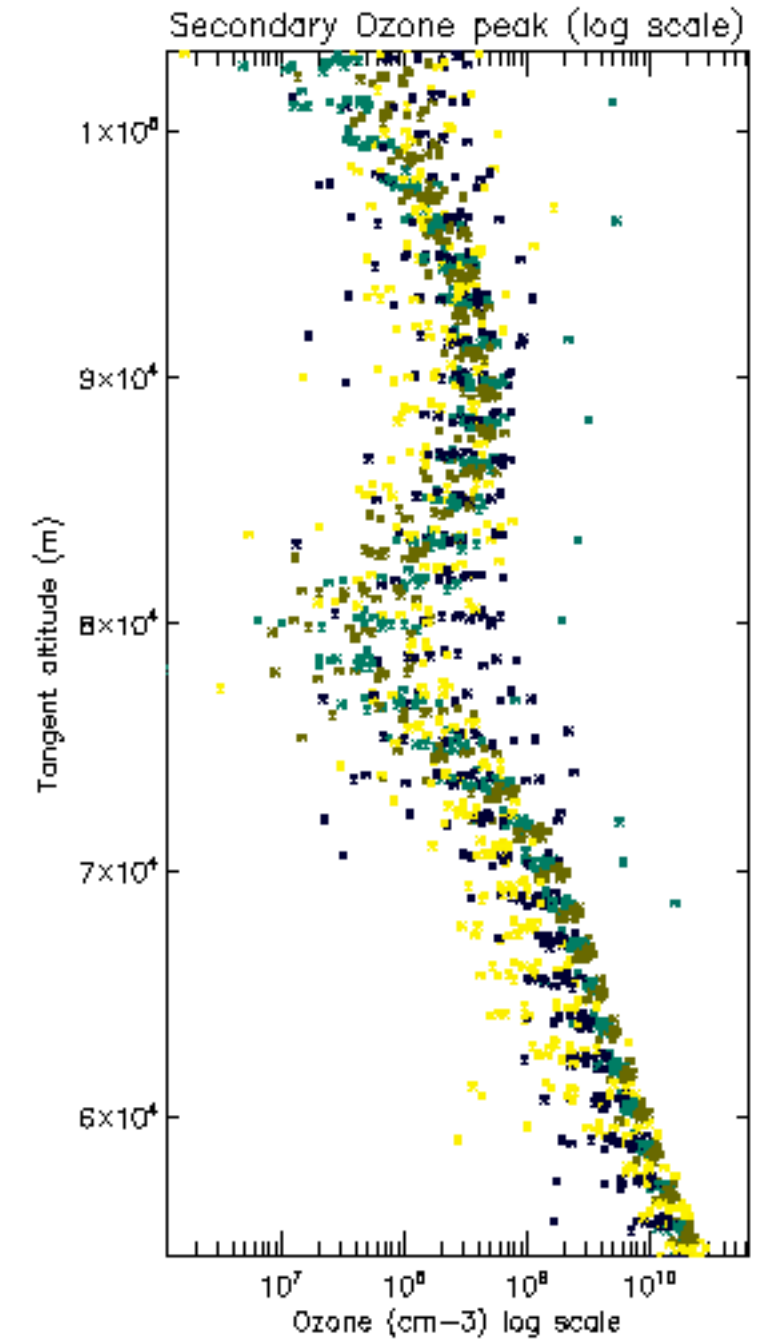
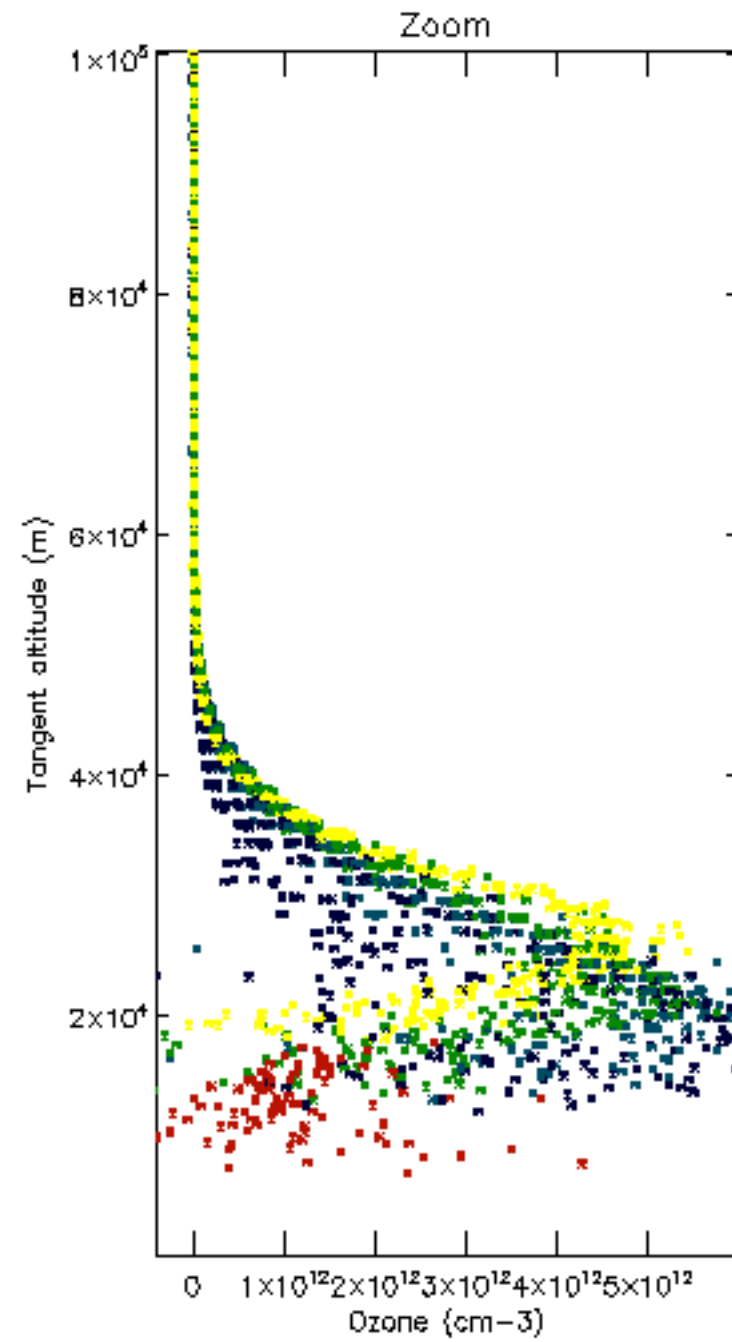
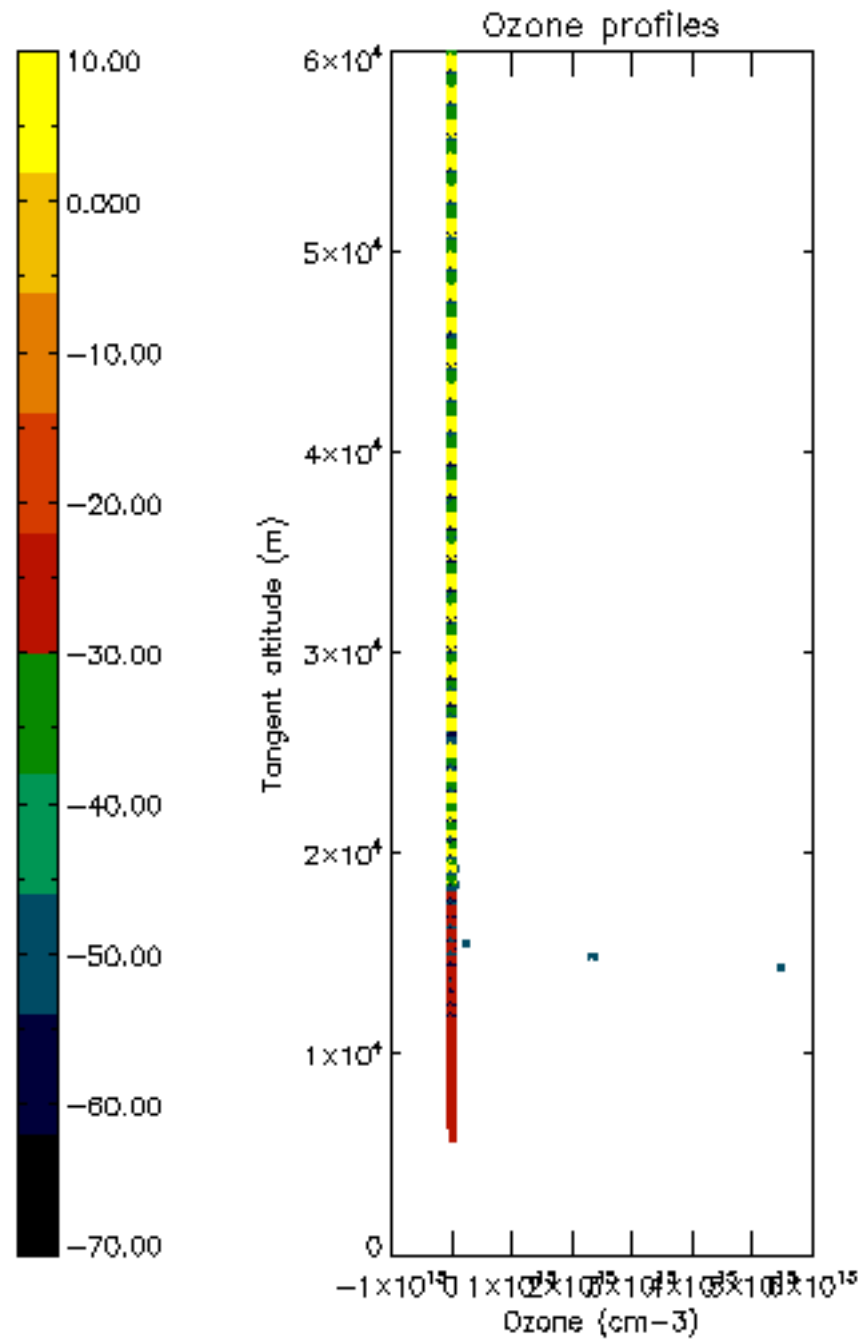


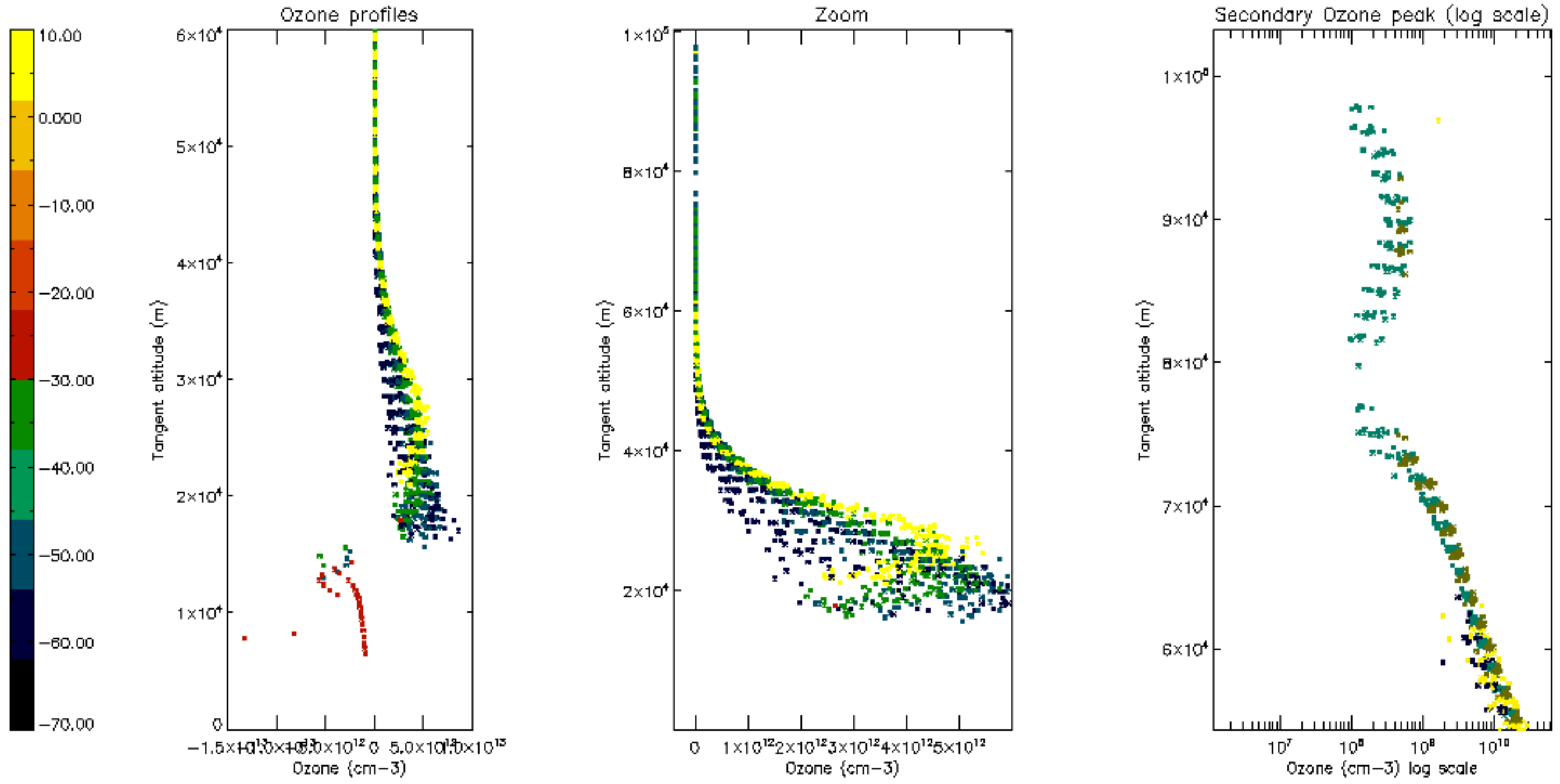
Percentage of star falling outside central band per profile

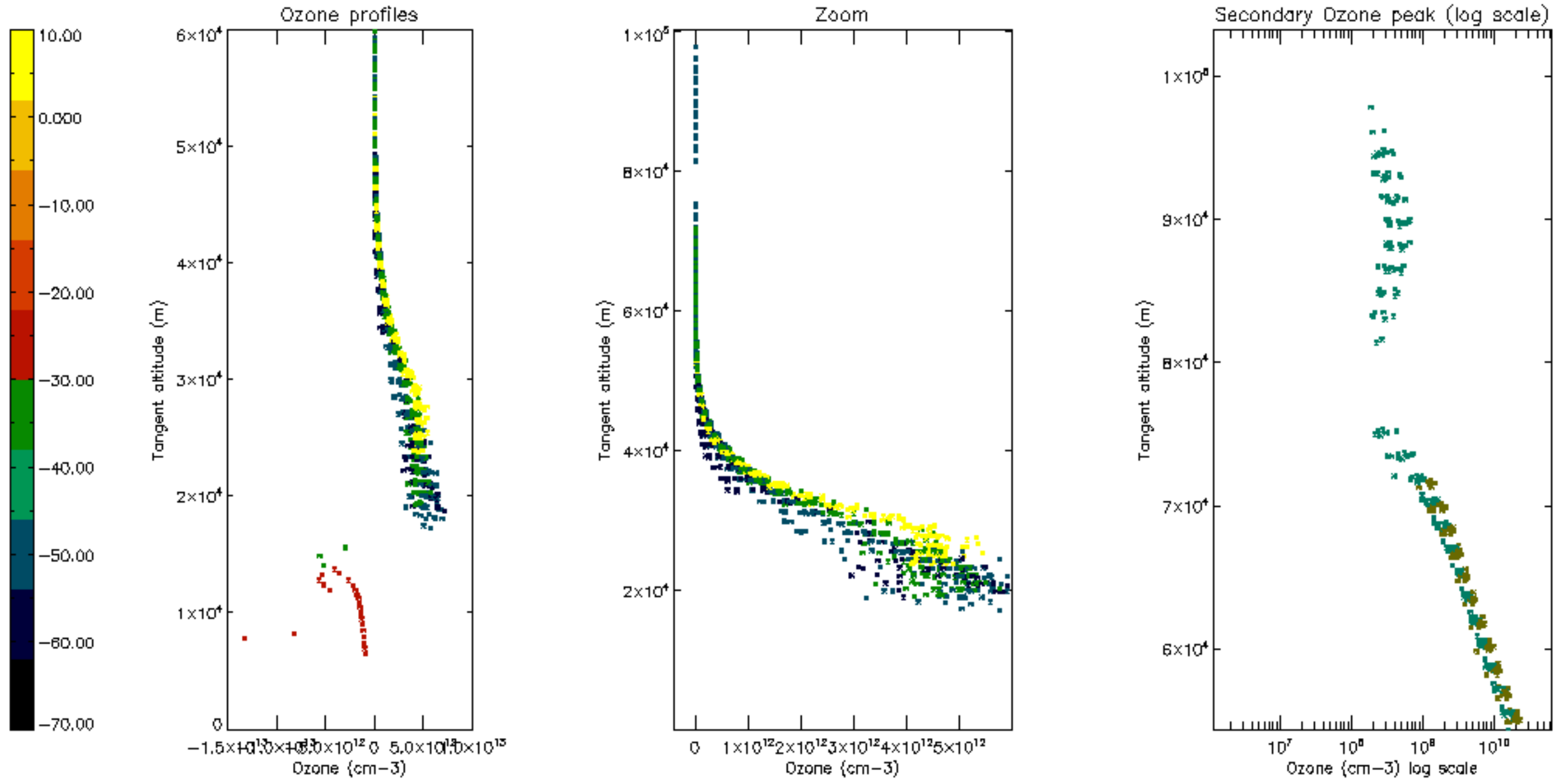


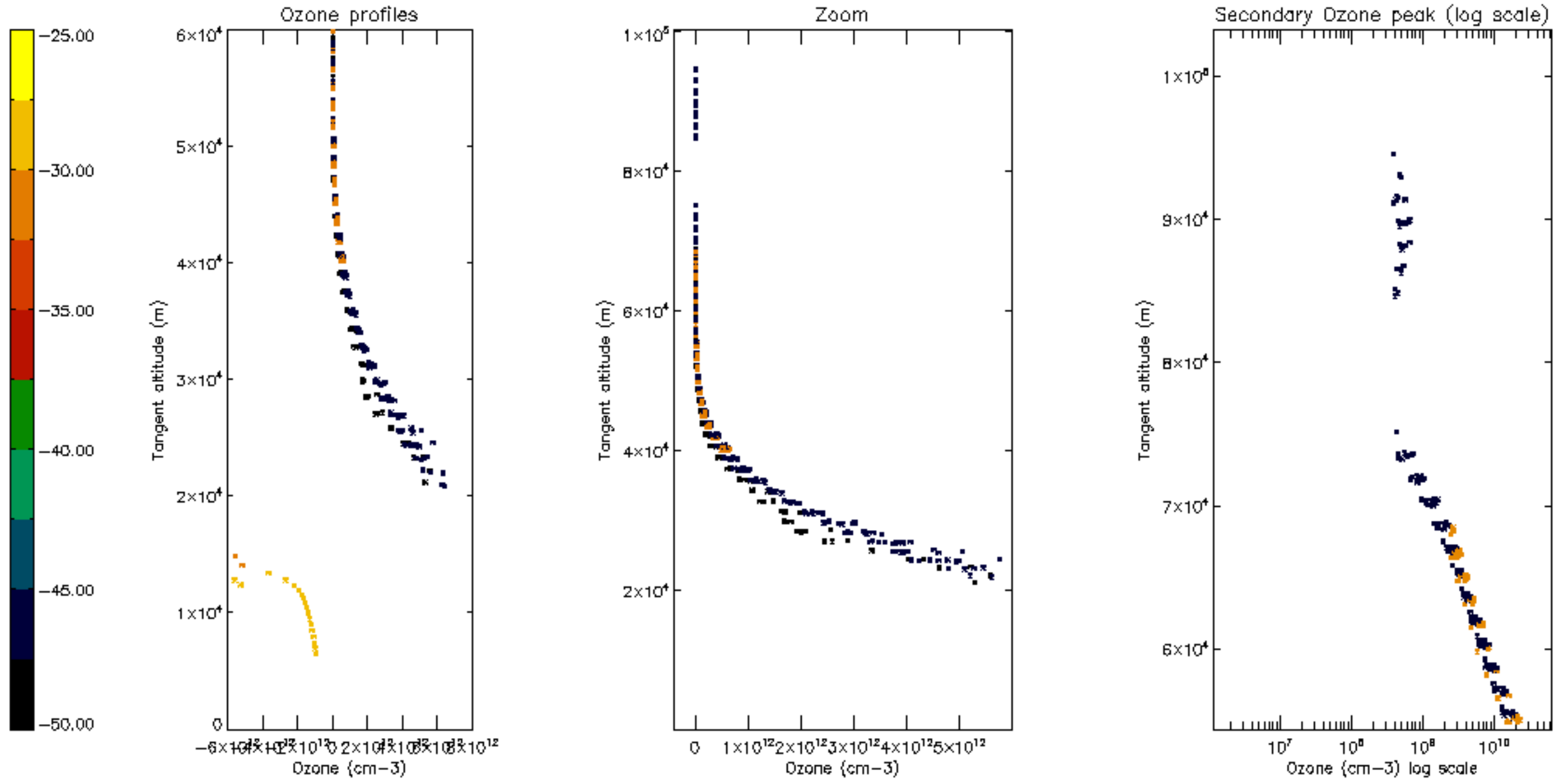
Percentage of saturation errors per profile

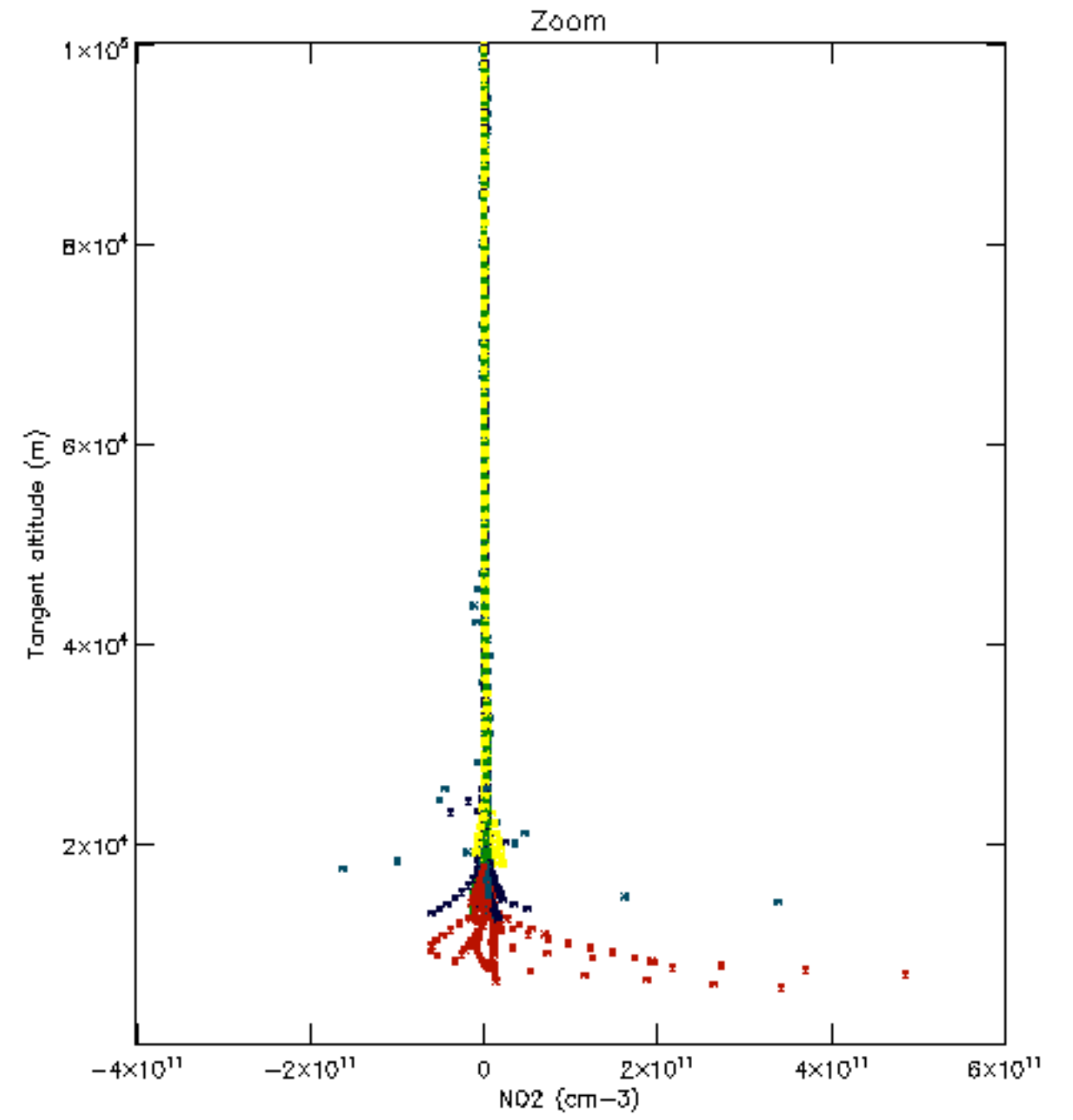
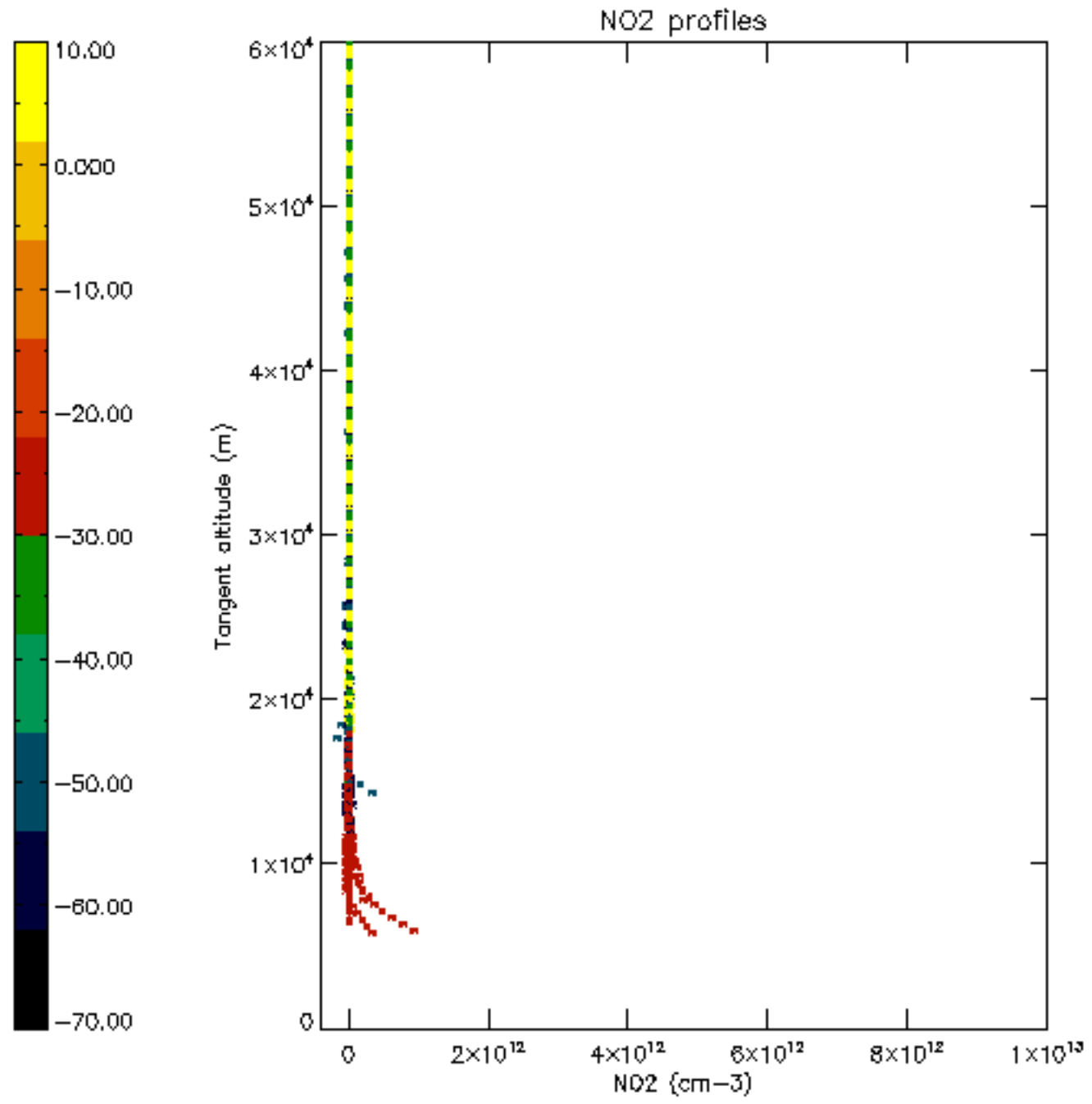


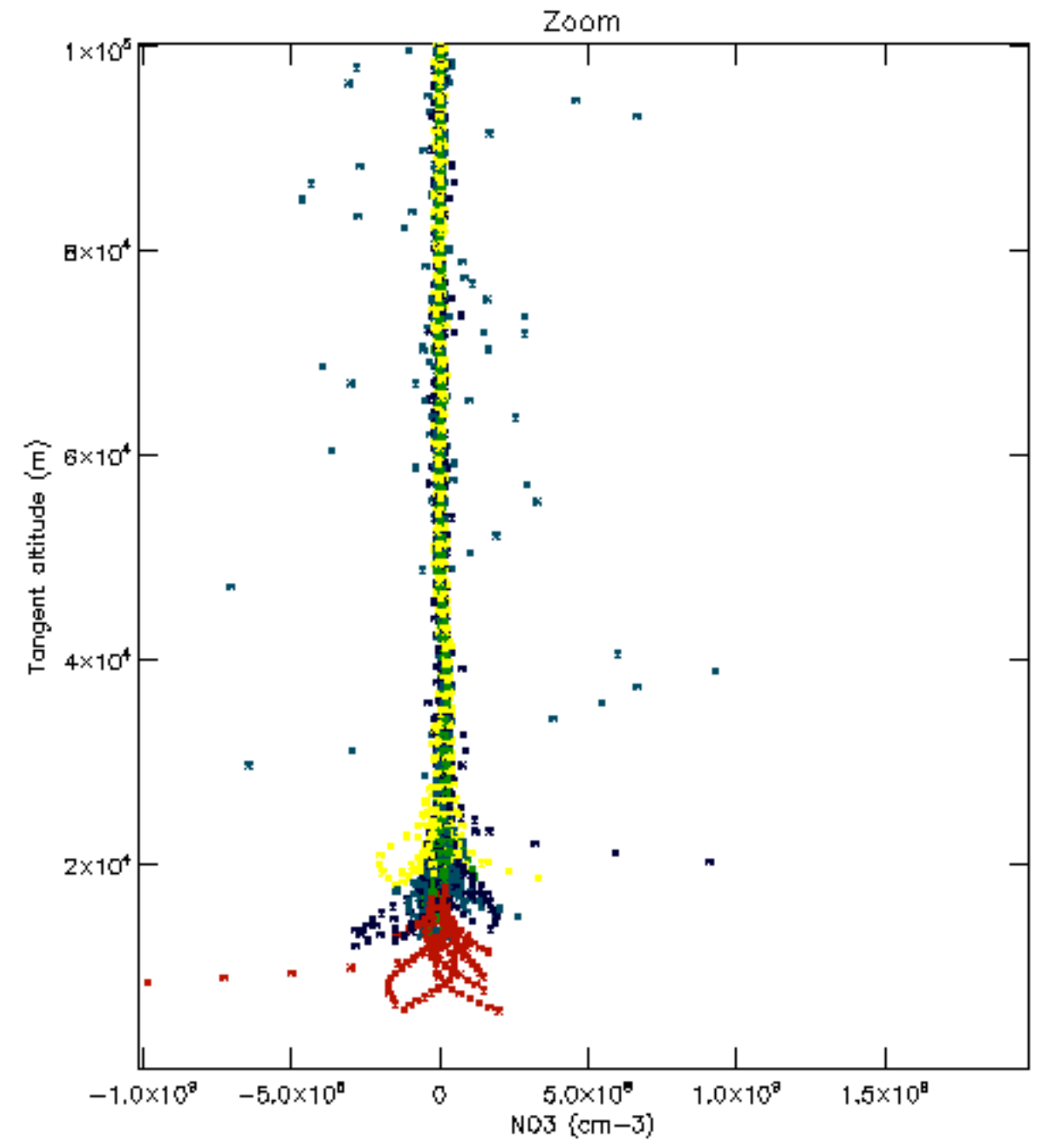
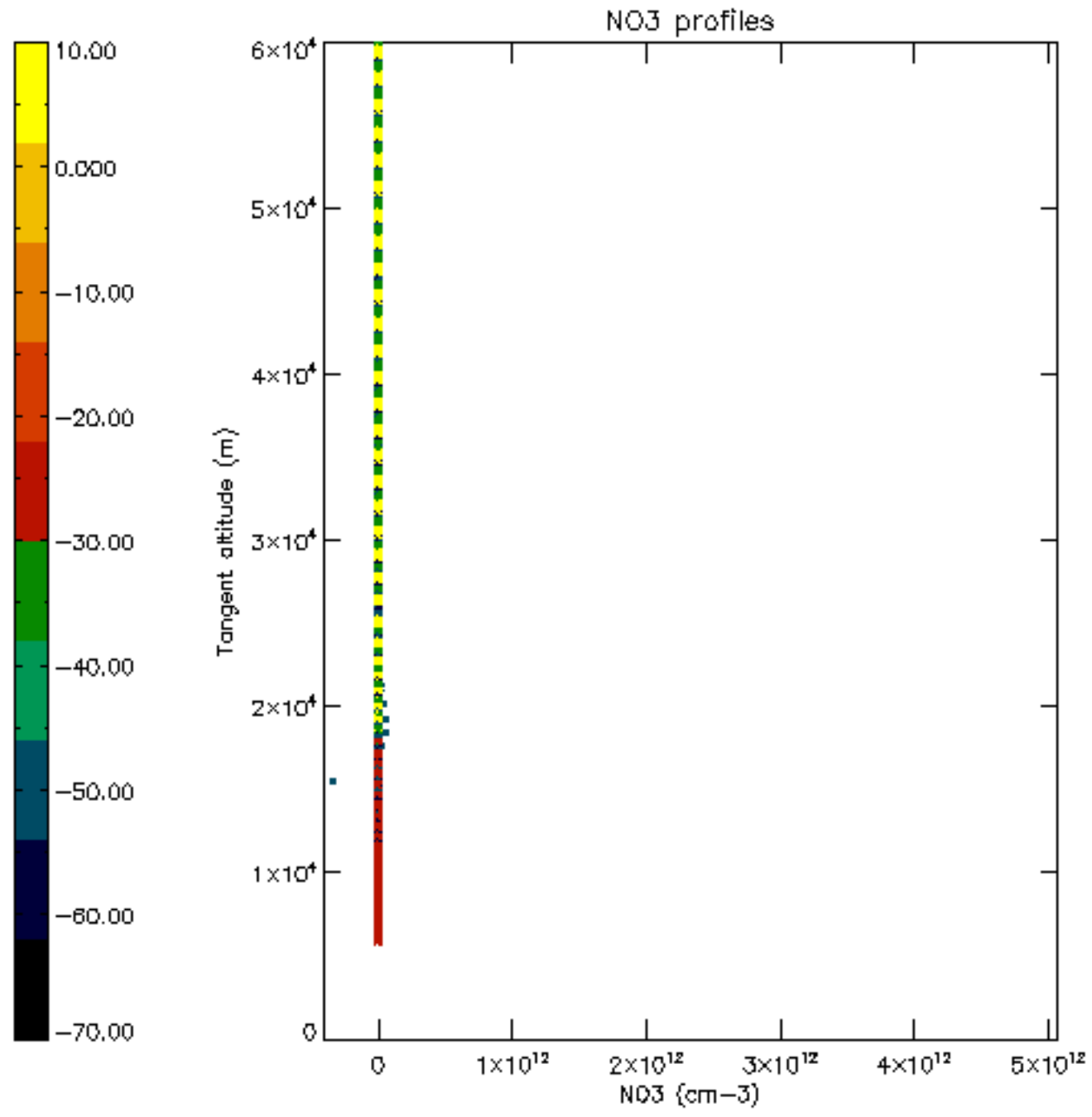


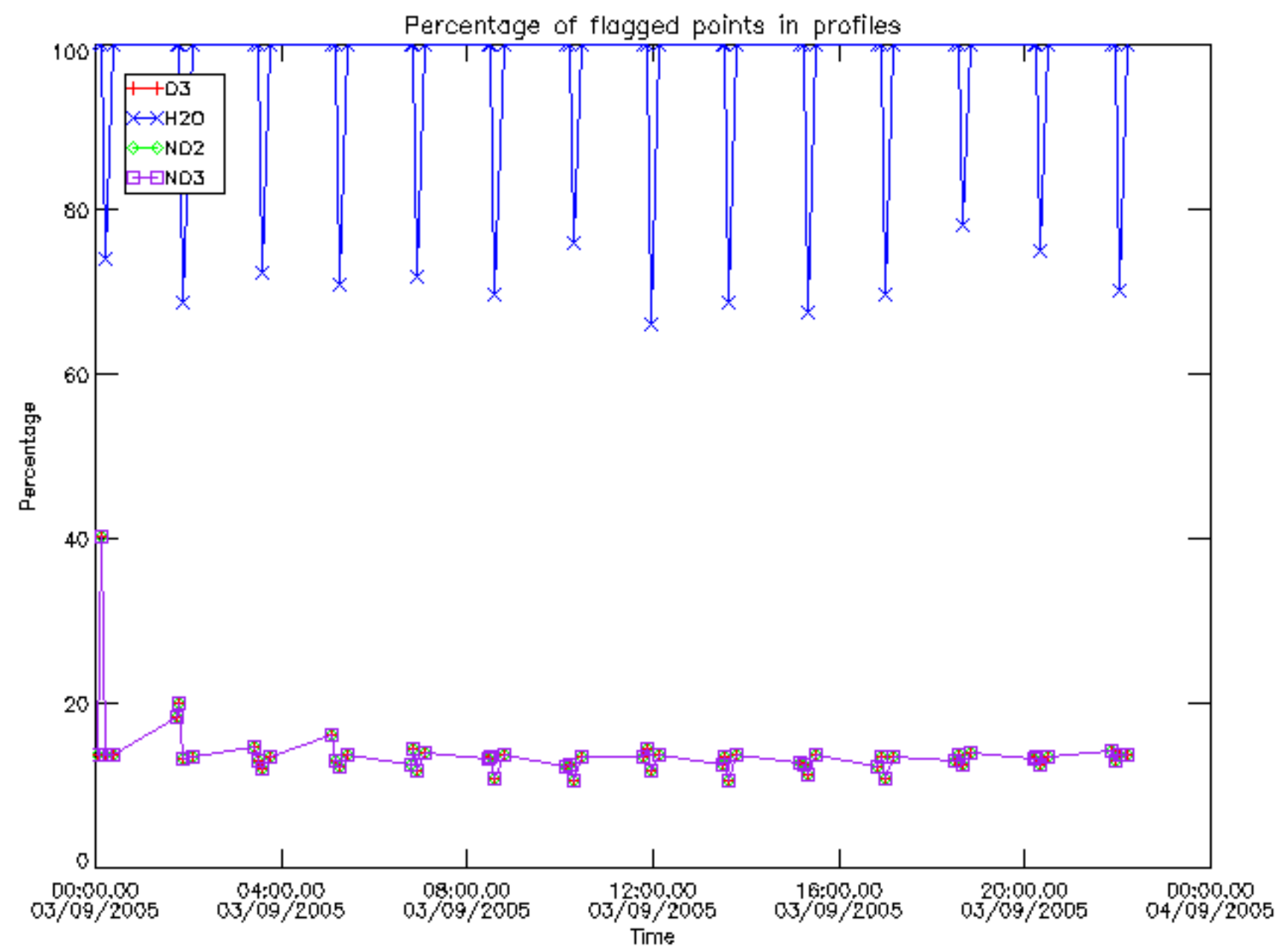




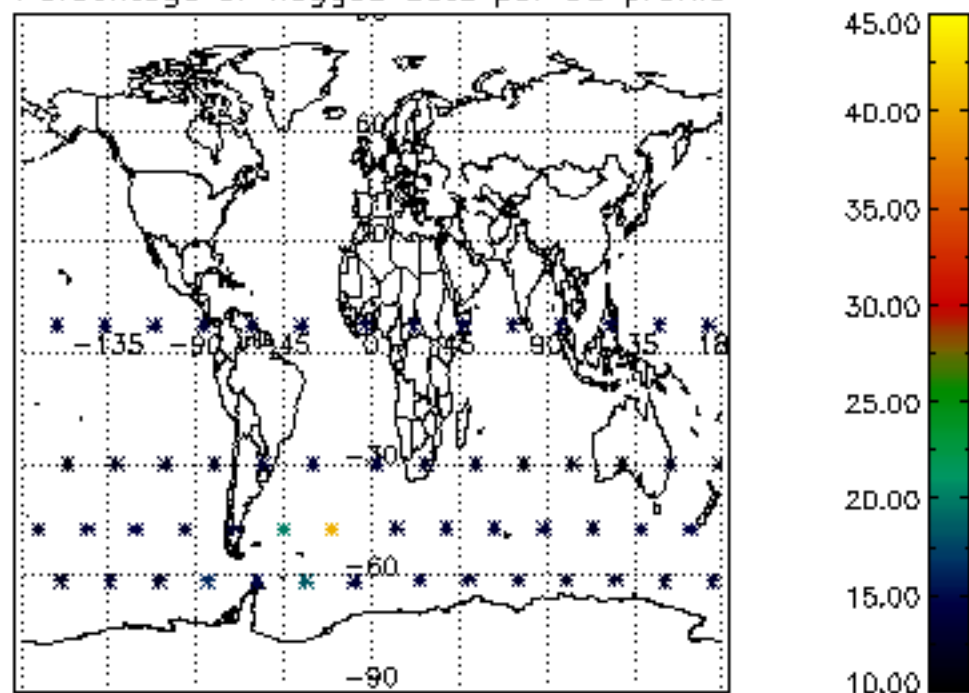




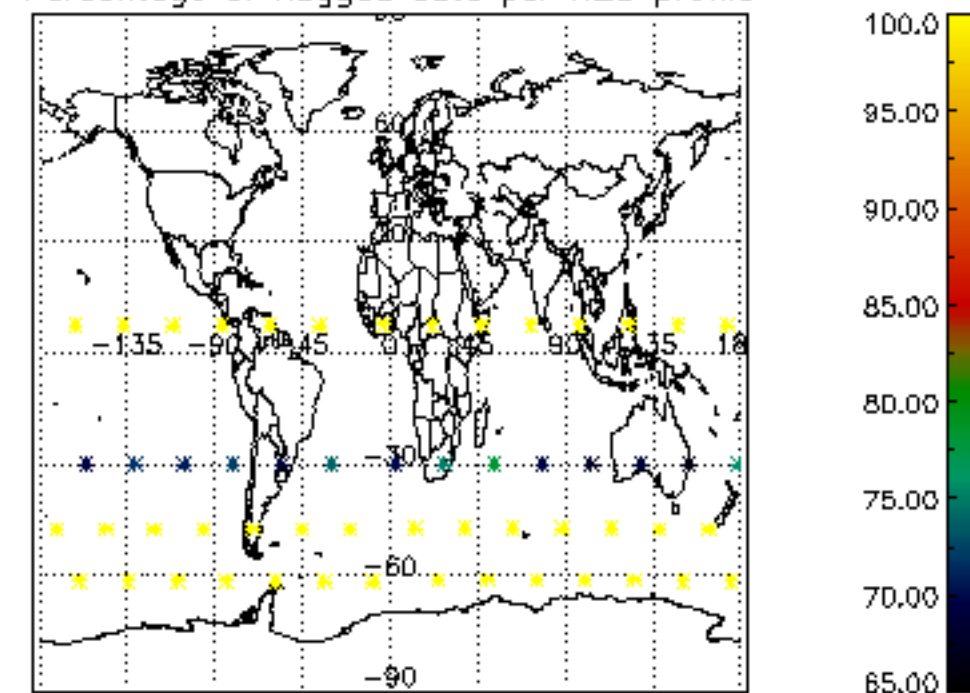




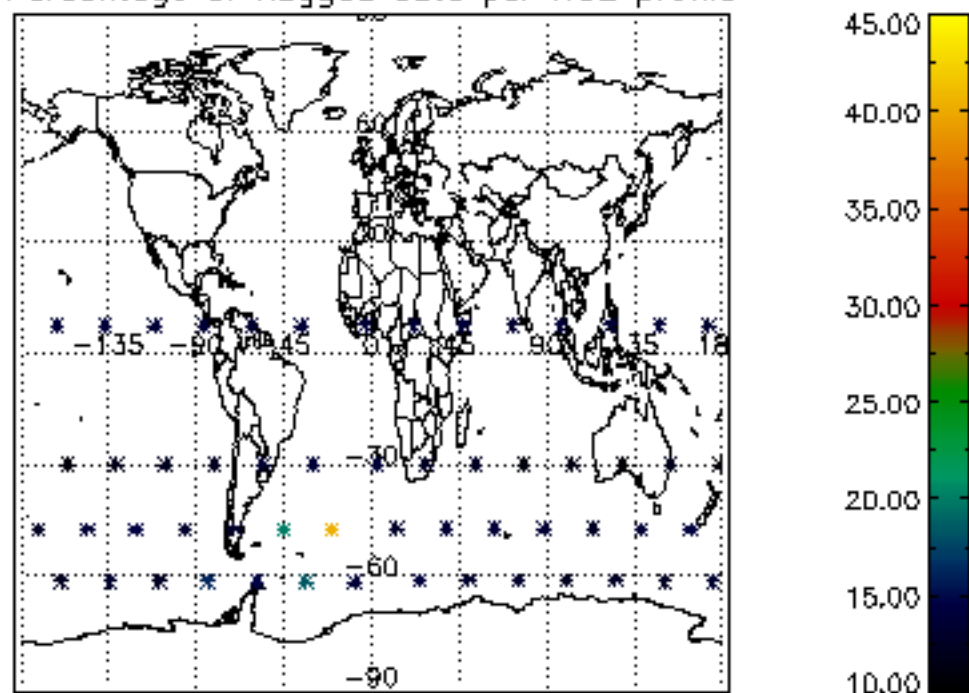
Percentage of flagged data per D3 profile



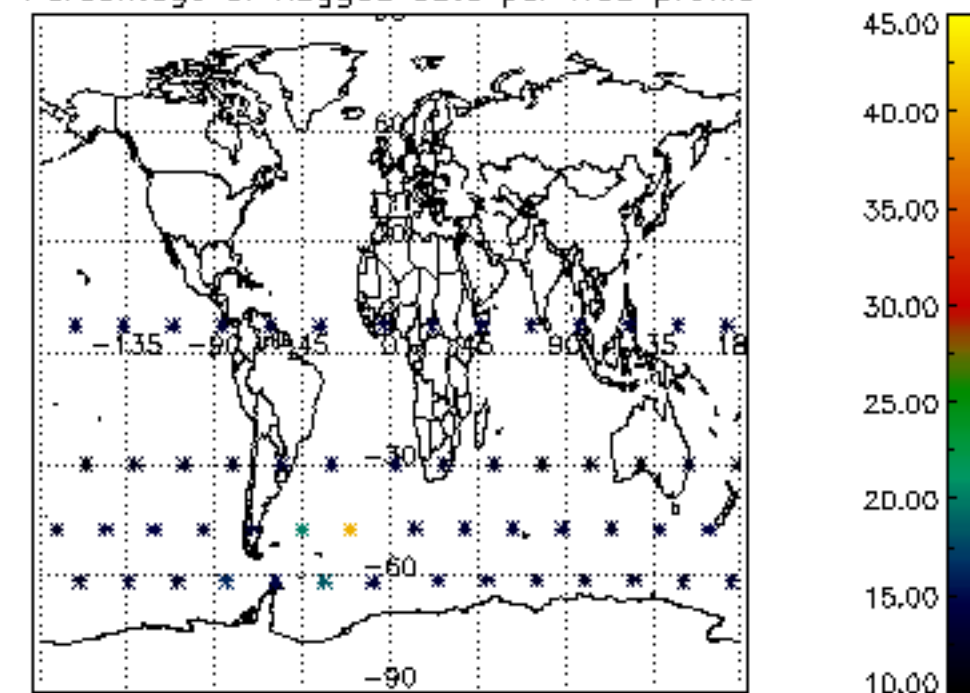
Percentage of flagged data per H2O profile

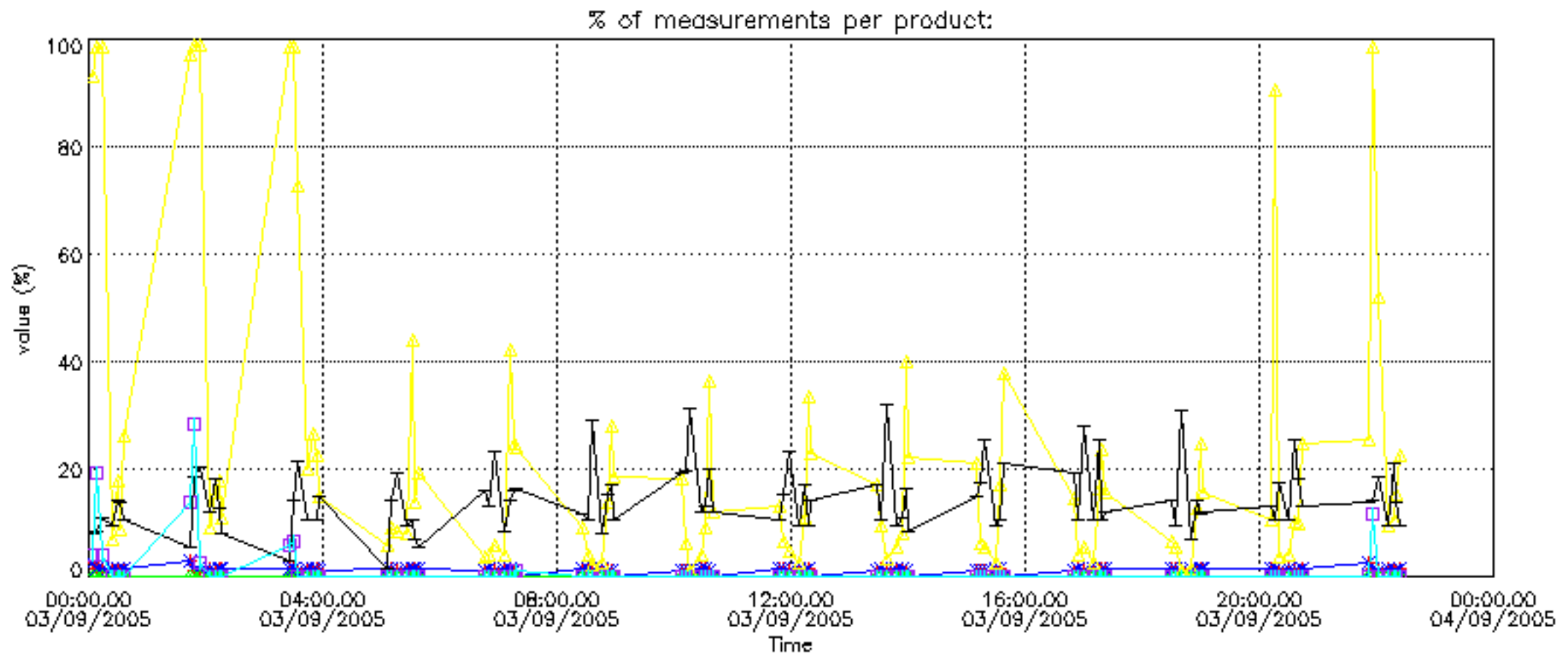


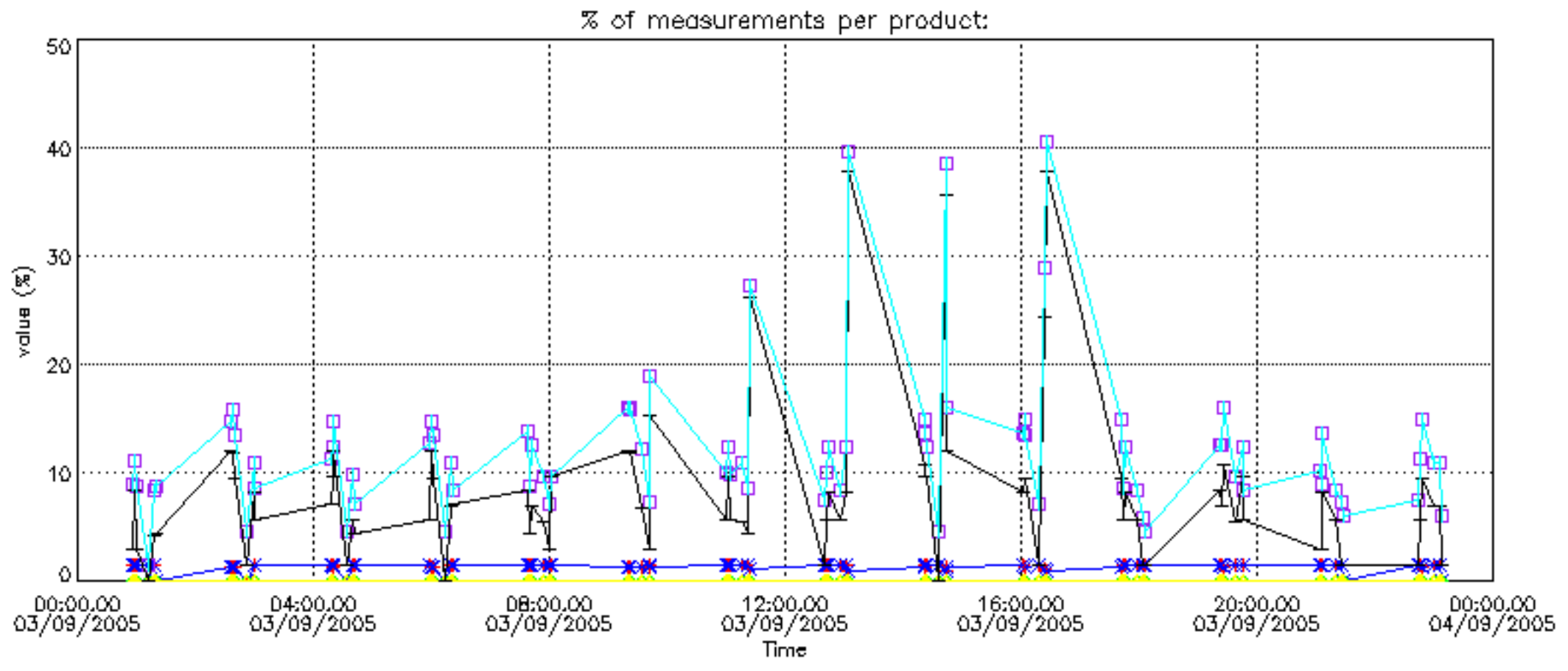
Percentage of flagged data per NO2 profile



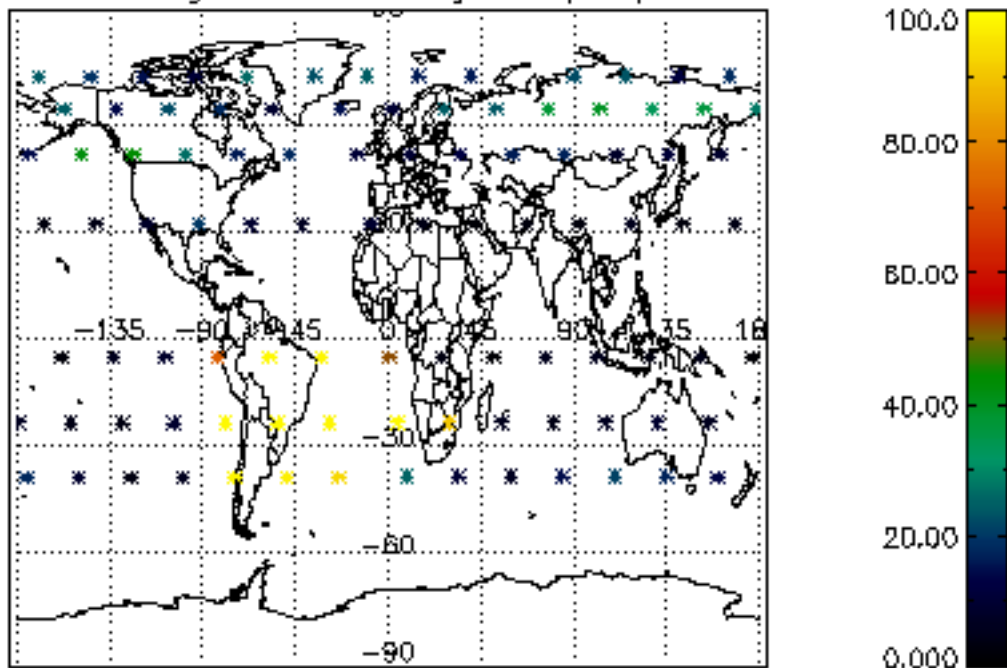
Percentage of flagged data per NO3 profile



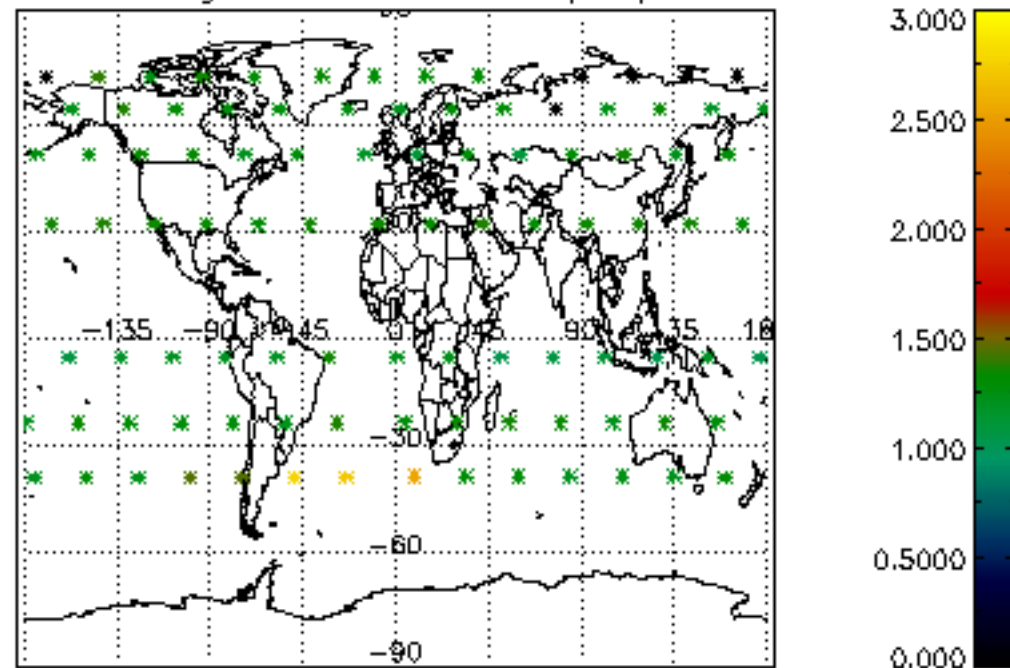




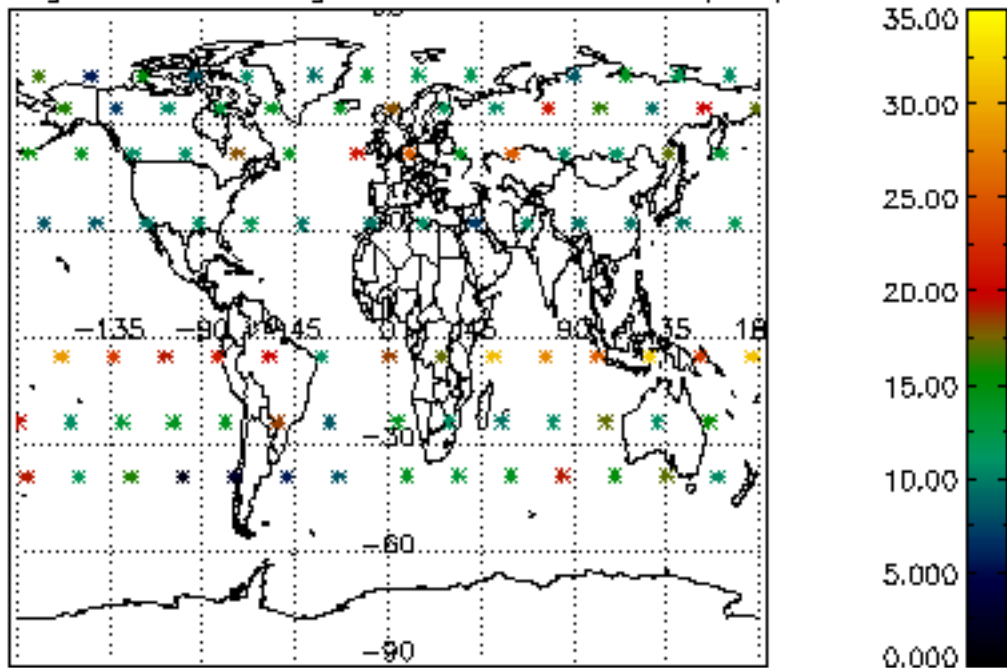
Percentage of cosmic ray hits per profile



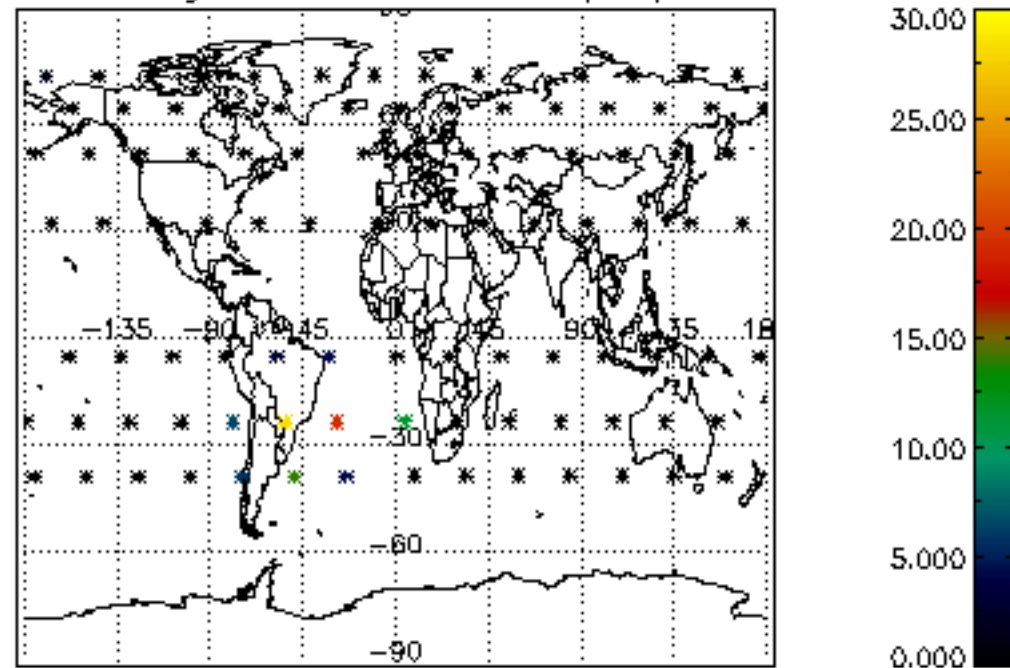
Percentage of datation errors per profile



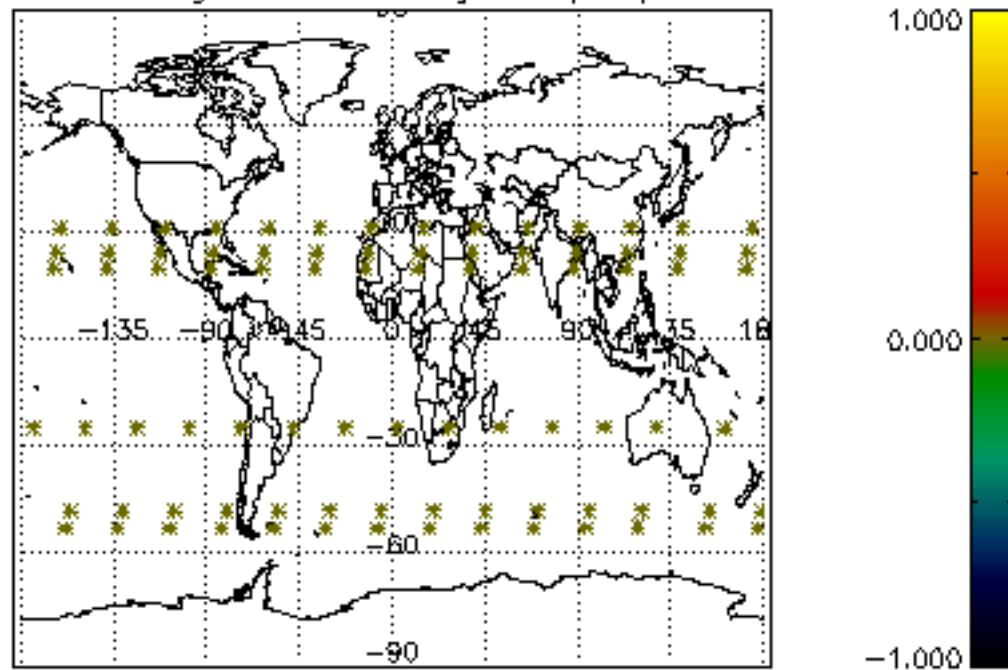
Percentage of star falling outside central band per profile



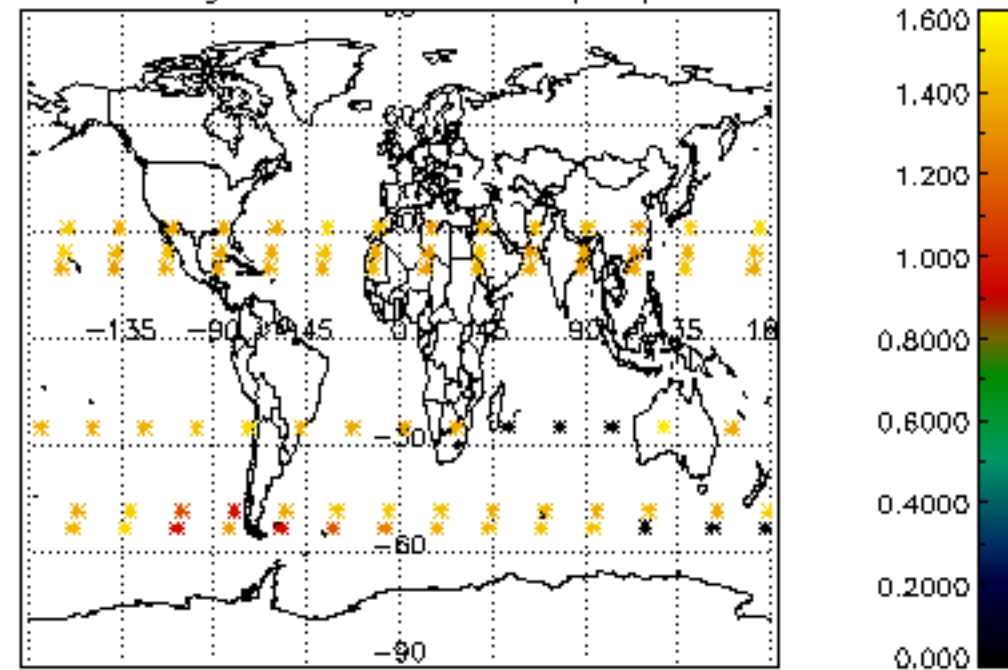
Percentage of saturation errors per profile



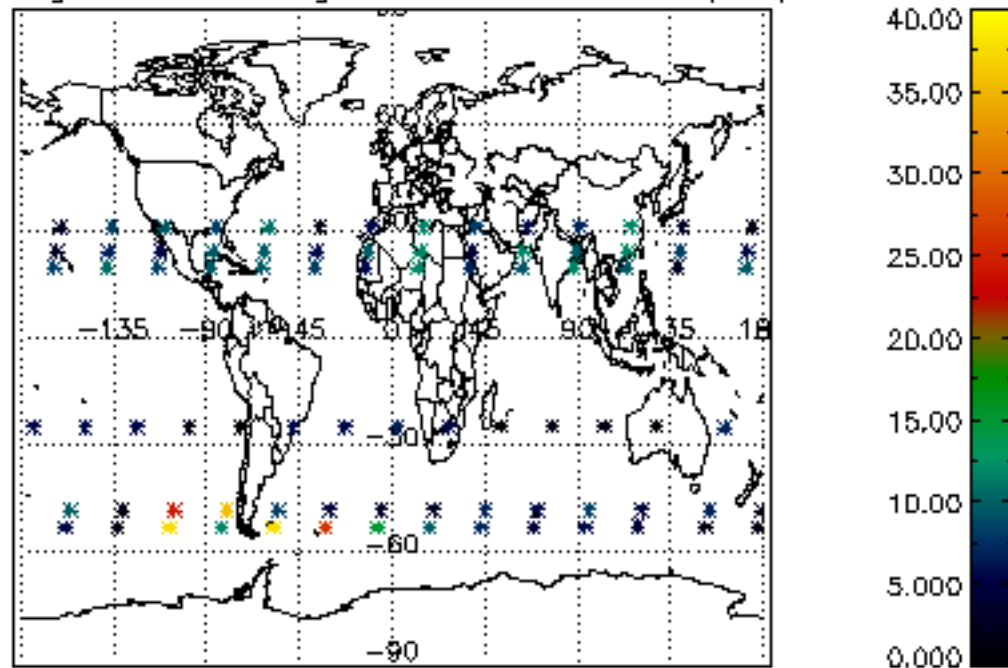
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

