

# 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	23APR2013 01:17:55
Data source version	GOMOS/6.01
Start time of products	21-08-2007 (21AUG2007 00:00:00)
Stop time of products	22-08-2007 (22AUG2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	236
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__2PRFIN20070821_000025_000000392061_00002_28613_9322.N1	21-AUG-2007 00:00:25	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	28613	No
2	GOM_NL__2PRFIN20070821_001447_000000362061_00002_28613_9323.N1	21-AUG-2007 00:14:47	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	28613	No
3	GOM_NL__2PRFIN20070821_002145_000000372061_00002_28613_9324.N1	21-AUG-2007 00:21:45	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	28613	No
4	GOM_NL__2PRFIN20070821_002326_000000372061_00002_28613_9325.N1	21-AUG-2007 00:23:26	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28613	No
5	GOM_NL__2PRFIN20070821_002451_000000342061_00002_28613_9326.N1	21-AUG-2007 00:24:51	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	28613	No
6	GOM_NL__2PRFIN20070821_003014_000000342061_00002_28613_9327.N1	21-AUG-2007 00:30:14	Bright	33.500	89	5Alp Cep	2.4510	8000.0	67	28613	No
7	GOM_NL__2PRFIN20070821_003730_000000332061_00002_28613_9328.N1	21-AUG-2007 00:37:30	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	28613	No
8	GOM_NL__2PRFIN20070821_005629_000000392061_00002_28613_9329.N1	21-AUG-2007 00:56:29	Bright	39.000	170	27Eps Gem	3.0000	9700.0	78	28613	No
9	GOM_NL__2PRFIN20070821_005911_000000452061_00002_28613_9330.N1	21-AUG-2007 00:59:11	Twilight	44.500	44	24Gam Gem	1.9280	11000.	89	28613	No
10	GOM_NL__2PRFIN20070821_010825_000000502061_00002_28613_9331.N1	21-AUG-2007 01:08:25	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	28613	No
11	GOM_NL__2PRFIN20070821_010957_000000372061_00002_28613_9332.N1	21-AUG-2007 01:09:57	Dark	37.000	179	24Omi2CMa	3.0320	24000.	74	28613	No
12	GOM_NL__2PRFIN20070821_011125_000000432061_00002_28613_9333.N1	21-AUG-2007 01:11:25	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	28613	No
13	GOM_NL__2PRFIN20070821_011815_000000502061_00002_28613_9334.N1	21-AUG-2007 01:18:15	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	28613	No
14	GOM_NL__2PRFIN20070821_012908_000000422061_00003_28614_9330.N1	21-AUG-2007 01:29:08	Dark	42.000	9	Alp Eri	0.45300	24000.	84	28614	No
15	GOM_NL__2PRFIN20070821_013430_000000412061_00003_28614_9331.N1	21-AUG-2007 01:34:30	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28614	No
16	GOM_NL__2PRFIN20070821_013806_000000422061_00003_28614_9332.N1	21-AUG-2007 01:38:06	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	28614	No
17	GOM_NL__2PRFIN20070821_014101_000000412061_00003_28614_9333.N1	21-AUG-2007 01:41:01	Straylight	41.000	172	Gam Gru	3.0030	13100.	82	28614	No
18	GOM_NL__2PRFIN20070821_015523_000000362061_00003_28614_9334.N1	21-AUG-2007 01:55:23	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	28614	No
19	GOM_NL__2PRFIN20070821_020221_000000392061_00003_28614_9335.N1	21-AUG-2007 02:02:21	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	28614	No
20	GOM_NL__2PRFIN20070821_020402_000000372061_00003_28614_9336.N1	21-AUG-2007 02:04:02	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28614	No
21	GOM_NL__2PRFIN20070821_020527_000000342061_00003_28614_9337.N1	21-AUG-2007 02:05:27	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	28614	No
22	GOM_NL__2PRFIN20070821_021049_000000342061_00003_28614_9338.N1	21-AUG-2007 02:10:49	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	28614	No
23	GOM_NL__2PRFIN20070821_021806_000000332061_00003_28614_9339.N1	21-AUG-2007 02:18:06	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	28614	No
24	GOM_NL__2PRFIN20070821_023706_000000402061_00003_28614_9340.N1	21-AUG-2007 02:37:06	Bright	39.500	170	27Eps Gem	3.0000	9700.0	79	28614	No
25	GOM_NL__2PRFIN20070821_023947_000000462061_00003_28614_9341.N1	21-AUG-2007 02:39:47	Twilight	45.500	44	24Gam Gem	1.9280	11000.	91	28614	No
26	GOM_NL__2PRFIN20070821_024901_000000452061_00003_28614_9342.N1	21-AUG-2007 02:49:01	Dark	45.000	1	9Alp CMa	-1.4400	11000.	90	28614	No
27	GOM_NL__2PRFIN20070821_025033_000000382061_00003_28614_9343.N1	21-AUG-2007 02:50:33	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	28614	No
28	GOM_NL__2PRFIN20070821_025851_000000522061_00003_28614_9344.N1	21-AUG-2007 02:58:51	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	28614	No
29	GOM_NL__2PRFIN20070821_030945_000000462061_00004_28615_9344.N1	21-AUG-2007 03:09:45	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28615	No
30	GOM_NL__2PRFIN20070821_031506_000000392061_00004_28615_9345.N1	21-AUG-2007 03:15:06	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	28615	No
31	GOM_NL__2PRFIN20070821_031842_000000402061_00004_28615_9346.N1	21-AUG-2007 03:18:42	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	28615	No
32	GOM_NL__2PRFIN20070821_032138_000000392061_00004_28615_9347.N1	21-AUG-2007 03:21:38	Straylight	38.500	172	Gam Gru	3.0030	13100.	77	28615	No
33	GOM_NL__2PRFIN20070821_033559_000000372061_00004_28615_9348.N1	21-AUG-2007 03:35:59	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	28615	No
34	GOM_NL__2PRFIN20070821_034257_000000362061_00004_28615_9349.N1	21-AUG-2007 03:42:57	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	28615	No
35	GOM_NL__2PRFIN20070821_034438_000000342061_00004_28615_9350.N1	21-AUG-2007 03:44:38	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	28615	No
36	GOM_NL__2PRFIN20070821_034603_000000352061_00004_28615_9351.N1	21-AUG-2007 03:46:03	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	28615	No
37	GOM_NL__2PRFIN20070821_035125_000000382061_00004_28615_9352.N1	21-AUG-2007 03:51:25	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	28615	No
38	GOM_NL__2PRFIN20070821_035842_000000362061_00004_28615_9353.N1	21-AUG-2007 03:58:42	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28615	No
39	GOM_NL__2PRFIN20070821_041742_000000402061_00004_28615_9354.N1	21-AUG-2007 04:17:42	Bright	39.500	170	27Eps Gem	3.0000	9700.0	79	28615	No
40	GOM_NL__2PRFIN20070821_042023_000000432061_00004_28615_9355.N1	21-AUG-2007 04:20:23	Twilight	43.000	44	24Gam Gem	1.9280	11000.	86	28615	No
41	GOM_NL__2PRFIN20070821_042937_000000472061_00004_28615_9356.N1	21-AUG-2007 04:29:37	Dark	46.500	1	9Alp CMa	-1.4400	11000.	93	28615	No
42	GOM_NL__2PRFIN20070821_043110_000000392061_00004_28615_9357.N1	21-AUG-2007 04:31:10	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	28615	No

43	GOM_NL__2PRFIN20070821_043237_000000422061_00004_28615_9358.N1	21-AUG-2007 04:32:37	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	28615	No
44	GOM_NL__2PRFIN20070821_043927_000000462061_00004_28615_9359.N1	21-AUG-2007 04:39:27	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	28615	No
45	GOM_NL__2PRFIN20070821_045021_000000452061_00005_28616_9358.N1	21-AUG-2007 04:50:21	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28616	No
46	GOM_NL__2PRFIN20070821_045543_000000412061_00005_28616_9359.N1	21-AUG-2007 04:55:43	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28616	No
47	GOM_NL__2PRFIN20070821_045918_000000422061_00005_28616_9360.N1	21-AUG-2007 04:59:18	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	28616	No
48	GOM_NL__2PRFIN20070821_050214_000000392061_00005_28616_9361.N1	21-AUG-2007 05:02:14	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	28616	No
49	GOM_NL__2PRFIN20070821_051635_000000362061_00005_28616_9362.N1	21-AUG-2007 05:16:35	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28616	No
50	GOM_NL__2PRFIN20070821_052333_000000382061_00005_28616_9363.N1	21-AUG-2007 05:23:33	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	28616	No
51	GOM_NL__2PRFIN20070821_052514_000000382061_00005_28616_9364.N1	21-AUG-2007 05:25:14	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	28616	No
52	GOM_NL__2PRFIN20070821_052639_000000352061_00005_28616_9365.N1	21-AUG-2007 05:26:39	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	28616	No
53	GOM_NL__2PRFIN20070821_053201_000000382061_00005_28616_9366.N1	21-AUG-2007 05:32:01	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	28616	No
54	GOM_NL__2PRFIN20070821_053918_000000352061_00005_28616_9367.N1	21-AUG-2007 05:39:18	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28616	No
55	GOM_NL__2PRFIN20070821_055818_000000412061_00005_28616_9368.N1	21-AUG-2007 05:58:18	Bright	41.000	170	27Eps Gem	3.0000	9700.0	82	28616	No
56	GOM_NL__2PRFIN20070821_060100_000000412061_00005_28616_9369.N1	21-AUG-2007 06:01:00	Tw_i_and_stray	40.500	44	24Gam Gem	1.9280	11000.	81	28616	No
57	GOM_NL__2PRFIN20070821_061014_000000492061_00005_28616_9370.N1	21-AUG-2007 06:10:14	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	28616	No
58	GOM_NL__2PRFIN20070821_061146_000000382061_00005_28616_9371.N1	21-AUG-2007 06:11:46	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	28616	No
59	GOM_NL__2PRFIN20070821_061314_000000432061_00005_28616_9372.N1	21-AUG-2007 06:13:14	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	28616	No
60	GOM_NL__2PRFIN20070821_062004_000000452061_00005_28616_9373.N1	21-AUG-2007 06:20:04	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	28616	No
61	GOM_NL__2PRFIN20070821_063058_000000462061_00006_28617_9367.N1	21-AUG-2007 06:30:58	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28617	No
62	GOM_NL__2PRFIN20070821_063619_000000452061_00006_28617_9368.N1	21-AUG-2007 06:36:19	Straylight	44.500	148	Alp Tuc	2.8780	4100.0	89	28617	No
63	GOM_NL__2PRFIN20070821_063955_000000492061_00006_28617_9369.N1	21-AUG-2007 06:39:55	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	28617	No
64	GOM_NL__2PRFIN20070821_064250_000000392061_00006_28617_9370.N1	21-AUG-2007 06:42:50	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	28617	No
65	GOM_NL__2PRFIN20070821_065711_000000372061_00006_28617_9371.N1	21-AUG-2007 06:57:11	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	28617	No
66	GOM_NL__2PRFIN20070821_070409_000000392061_00006_28617_9372.N1	21-AUG-2007 07:04:09	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	28617	No
67	GOM_NL__2PRFIN20070821_070550_000000382061_00006_28617_9373.N1	21-AUG-2007 07:05:50	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	28617	No
68	GOM_NL__2PRFIN20070821_070715_000000352061_00006_28617_9374.N1	21-AUG-2007 07:07:15	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	28617	No
69	GOM_NL__2PRFIN20070821_071237_000000392061_00006_28617_9375.N1	21-AUG-2007 07:12:37	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	28617	No
70	GOM_NL__2PRFIN20070821_071954_000000362061_00006_28617_9376.N1	21-AUG-2007 07:19:54	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28617	No
71	GOM_NL__2PRFIN20070821_073854_000000402061_00006_28617_9377.N1	21-AUG-2007 07:38:54	Bright	40.000	170	27Eps Gem	3.0000	9700.0	80	28617	No
72	GOM_NL__2PRFIN20070821_074136_000000442061_00006_28617_9378.N1	21-AUG-2007 07:41:36	Tw_i_and_stray	43.500	44	24Gam Gem	1.9280	11000.	87	28617	No
73	GOM_NL__2PRFIN20070821_075050_000000492061_00006_28617_9379.N1	21-AUG-2007 07:50:50	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	28617	No
74	GOM_NL__2PRFIN20070821_075222_000000392061_00006_28617_9380.N1	21-AUG-2007 07:52:22	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	28617	No
75	GOM_NL__2PRFIN20070821_075350_000000372061_00006_28617_9381.N1	21-AUG-2007 07:53:50	Dark	37.000	23	21Eps CMa	1.5020	26000.	74	28617	No
76	GOM_NL__2PRFIN20070821_080040_000000432061_00006_28617_9382.N1	21-AUG-2007 08:00:40	Dark	42.500	2	Alp Car	-0.73600	7000.0	85	28617	No
77	GOM_NL__2PRFIN20070821_081135_000000552061_00007_28618_9389.N1	21-AUG-2007 08:11:35	Dark	54.500	9	Alp Eri	0.45300	24000.	109	28618	No
78	GOM_NL__2PRFIN20070821_081655_000000402061_00007_28618_9390.N1	21-AUG-2007 08:16:55	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28618	No
79	GOM_NL__2PRFIN20070821_082031_000000432061_00007_28618_9391.N1	21-AUG-2007 08:20:31	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	28618	No
80	GOM_NL__2PRFIN20070821_082327_000000402061_00007_28618_9392.N1	21-AUG-2007 08:23:27	Straylight	39.500	172	Gam Gru	3.0030	13100.	79	28618	No
81	GOM_NL__2PRFIN20070821_083747_000000362061_00007_28618_9393.N1	21-AUG-2007 08:37:47	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28618	No
82	GOM_NL__2PRFIN20070821_084444_000000382061_00007_28618_9394.N1	21-AUG-2007 08:44:44	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	28618	No
83	GOM_NL__2PRFIN20070821_084625_000000372061_00007_28618_9395.N1	21-AUG-2007 08:46:25	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28618	No
84	GOM_NL__2PRFIN20070821_084751_000000352061_00007_28618_9396.N1	21-AUG-2007 08:47:51	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	28618	No
85	GOM_NL__2PRFIN20070821_085313_000000372061_00007_28618_9397.N1	21-AUG-2007 08:53:13	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28618	No
86	GOM_NL__2PRFIN20070821_090029_000000332061_00007_28618_9398.N1	21-AUG-2007 09:00:29	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	28618	No
87	GOM_NL__2PRFIN20070821_091930_000000412061_00007_28618_9399.N1	21-AUG-2007 09:19:30	Bright	41.000	170	27Eps Gem	3.0000	9700.0	82	28618	No
88	GOM_NL__2PRFIN20070821_092212_000000442061_00007_28618_9400.N1	21-AUG-2007 09:22:12	Tw_i_and_stray	43.500	44	24Gam Gem	1.9280	11000.	87	28618	No
89	GOM_NL__2PRFIN20070821_093126_000000442061_00007_28618_9401.N1	21-AUG-2007 09:31:26	Dark	44.000	1	9Alp CMa	-1.4400	11000.	88	28618	No
90	GOM_NL__2PRFIN20070821_093259_000000362061_00007_28618_9402.N1	21-AUG-2007 09:32:59	Dark	36.000	179	24Omi2CMa	3.0320	24000.	72	28618	No
91	GOM_NL__2PRFIN20070821_093426_000000402061_00007_28618_9403.N1	21-AUG-2007 09:34:26	Dark	40.000	23	21Eps CMa	1.5020	26000.	80	28618	No
92	GOM_NL__2PRFIN20070821_094116_000000482061_00007_28618_9404.N1	21-AUG-2007 09:41:16	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	28618	No
93	GOM_NL__2PRFIN20070821_095211_000000462061_00008_28619_9426.N1	21-AUG-2007 09:52:11	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28619	No
94	GOM_NL__2PRFIN20070821_095731_000000412061_00008_28619_9427.N1	21-AUG-2007 09:57:31	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	28619	No
95	GOM_NL__2PRFIN20070821_100107_000000392061_00008_28619_9428.N1	21-AUG-2007 10:01:07	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	28619	No
96	GOM_NL__2PRFIN20070821_100403_000000402061_00008_28619_9429.N1	21-AUG-2007 10:04:03	Straylight	40.000	172	Gam Gru	3.0030	13100.	80	28619	No
97	GOM_NL__2PRFIN20070821_101823_000000372061_00008_28619_9430.N1	21-AUG-2007 10:18:23	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	28619	No
98	GOM_NL__2PRFIN20070821_102520_000000382061_00008_28619_9431.N1	21-AUG-2007 10:25:20	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	28619	No
99	GOM_NL__2PRFIN20070821_102701_000000372061_00008_28619_9432.N1	21-AUG-2007 10:27:01	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28619	No
100	GOM_NL__2PRFIN20070821_102827_000000352061_00008_28619_9433.N1	21-AUG-2007 10:28:27	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	28619	No
101	GOM_NL__2PRFIN20070821_103348_000000372061_00008_28619_9434.N1	21-AUG-2007 10:33:48	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28619	No

102	GOM_NL__2PRFIN20070821_104105_000000362061_00008_28619_9435.N1	21-AUG-2007 10:41:05	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28619	No
103	GOM_NL__2PRFIN20070821_110006_000000412061_00008_28619_9436.N1	21-AUG-2007 11:00:06	Bright	40.500	170	27Eps Gem	3.0000	9700.0	81	28619	No
104	GOM_NL__2PRFIN20070821_110248_000000442061_00008_28619_9437.N1	21-AUG-2007 11:02:48	Tw_i_and_stray	43.500	44	24Gam Gem	1.9280	11000.	87	28619	No
105	GOM_NL__2PRFIN20070821_111203_000000502061_00008_28619_9438.N1	21-AUG-2007 11:12:03	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	28619	No
106	GOM_NL__2PRFIN20070821_111335_000000382061_00008_28619_9439.N1	21-AUG-2007 11:13:35	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	28619	No
107	GOM_NL__2PRFIN20070821_111502_000000402061_00008_28619_9440.N1	21-AUG-2007 11:15:02	Dark	40.000	23	21Eps CMa	1.5020	26000.	80	28619	No
108	GOM_NL__2PRFIN20070821_112152_000000482061_00008_28619_9441.N1	21-AUG-2007 11:21:52	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	28619	No
109	GOM_NL__2PRFIN20070821_113248_000000452061_00009_28620_9442.N1	21-AUG-2007 11:32:48	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28620	No
110	GOM_NL__2PRFIN20070821_113807_000000382061_00009_28620_9443.N1	21-AUG-2007 11:38:07	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	28620	No
111	GOM_NL__2PRFIN20070821_114143_000000412061_00009_28620_9444.N1	21-AUG-2007 11:41:43	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	28620	No
112	GOM_NL__2PRFIN20070821_114439_000000382061_00009_28620_9445.N1	21-AUG-2007 11:44:39	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	28620	No
113	GOM_NL__2PRFIN20070821_115859_000000372061_00009_28620_9446.N1	21-AUG-2007 11:58:59	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	28620	No
114	GOM_NL__2PRFIN20070821_120556_000000352061_00009_28620_9447.N1	21-AUG-2007 12:05:56	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	28620	No
115	GOM_NL__2PRFIN20070821_120737_000000372061_00009_28620_9448.N1	21-AUG-2007 12:07:37	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	28620	No
116	GOM_NL__2PRFIN20070821_120903_000000342061_00009_28620_9449.N1	21-AUG-2007 12:09:03	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	28620	No
117	GOM_NL__2PRFIN20070821_121424_000000382061_00009_28620_9450.N1	21-AUG-2007 12:14:24	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	28620	No
118	GOM_NL__2PRFIN20070821_122141_000000362061_00009_28620_9451.N1	21-AUG-2007 12:21:41	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28620	No
119	GOM_NL__2PRFIN20070821_124042_000000402061_00009_28620_9452.N1	21-AUG-2007 12:40:42	Bright	39.500	170	27Eps Gem	3.0000	9700.0	79	28620	No
120	GOM_NL__2PRFIN20070821_124324_000000432061_00009_28620_9453.N1	21-AUG-2007 12:43:24	Tw_i_and_stray	43.000	44	24Gam Gem	1.9280	11000.	86	28620	No
121	GOM_NL__2PRFIN20070821_125239_000000502061_00009_28620_9454.N1	21-AUG-2007 12:52:39	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	28620	No
122	GOM_NL__2PRFIN20070821_125411_000000402061_00009_28620_9455.N1	21-AUG-2007 12:54:11	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	28620	No
123	GOM_NL__2PRFIN20070821_125538_000000432061_00009_28620_9456.N1	21-AUG-2007 12:55:38	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	28620	No
124	GOM_NL__2PRFIN20070821_125652_000000412061_00009_28620_9457.N1	21-AUG-2007 12:56:52	Dark	41.000	177	1Zet CMa	3.0220	26000.	82	28620	No
125	GOM_NL__2PRFIN20070821_130229_000000442061_00009_28620_9458.N1	21-AUG-2007 13:02:29	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	28620	No
126	GOM_NL__2PRFIN20070821_131324_000000462061_00010_28621_9474.N1	21-AUG-2007 13:13:24	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28621	No
127	GOM_NL__2PRFIN20070821_131844_000000382061_00010_28621_9475.N1	21-AUG-2007 13:18:44	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	28621	No
128	GOM_NL__2PRFIN20070821_132220_000000392061_00010_28621_9476.N1	21-AUG-2007 13:22:20	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	28621	No
129	GOM_NL__2PRFIN20070821_132515_000000382061_00010_28621_9477.N1	21-AUG-2007 13:25:15	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	28621	No
130	GOM_NL__2PRFIN20070821_133935_000000382061_00010_28621_9478.N1	21-AUG-2007 13:39:35	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	28621	No
131	GOM_NL__2PRFIN20070821_134632_000000382061_00010_28621_9479.N1	21-AUG-2007 13:46:32	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	28621	No
132	GOM_NL__2PRFIN20070821_134813_000000372061_00010_28621_9480.N1	21-AUG-2007 13:48:13	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28621	No
133	GOM_NL__2PRFIN20070821_134939_000000342061_00010_28621_9481.N1	21-AUG-2007 13:49:39	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	28621	No
134	GOM_NL__2PRFIN20070821_135459_000000362061_00010_28621_9482.N1	21-AUG-2007 13:54:59	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28621	No
135	GOM_NL__2PRFIN20070821_140217_000000332061_00010_28621_9483.N1	21-AUG-2007 14:02:17	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	28621	No
136	GOM_NL__2PRFIN20070821_142119_000000392061_00010_28621_9484.N1	21-AUG-2007 14:21:19	Bright	38.500	170	27Eps Gem	3.0000	9700.0	77	28621	No
137	GOM_NL__2PRFIN20070821_142400_000000392061_00010_28621_9485.N1	21-AUG-2007 14:24:00	Tw_i_and_stray	38.500	44	24Gam Gem	1.9280	11000.	77	28621	No
138	GOM_NL__2PRFIN20070821_143315_000000492061_00010_28621_9486.N1	21-AUG-2007 14:33:15	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	28621	No
139	GOM_NL__2PRFIN20070821_143447_000000362061_00010_28621_9487.N1	21-AUG-2007 14:34:47	Dark	36.000	179	24Omi2CMa	3.0320	24000.	72	28621	No
140	GOM_NL__2PRFIN20070821_143615_000000432061_00010_28621_9488.N1	21-AUG-2007 14:36:15	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	28621	No
141	GOM_NL__2PRFIN20070821_143728_000000392061_00010_28621_9489.N1	21-AUG-2007 14:37:28	Dark	39.000	177	1Zet CMa	3.0220	26000.	78	28621	No
142	GOM_NL__2PRFIN20070821_144305_000000522061_00010_28621_9490.N1	21-AUG-2007 14:43:05	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	28621	No
143	GOM_NL__2PRFIN20070821_145401_000000452061_00011_28622_9483.N1	21-AUG-2007 14:54:01	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28622	No
144	GOM_NL__2PRFIN20070821_145920_000000382061_00011_28622_9484.N1	21-AUG-2007 14:59:20	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	28622	No
145	GOM_NL__2PRFIN20070821_150256_000000462061_00011_28622_9485.N1	21-AUG-2007 15:02:56	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	28622	No
146	GOM_NL__2PRFIN20070821_150551_000000382061_00011_28622_9486.N1	21-AUG-2007 15:05:51	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	28622	No
147	GOM_NL__2PRFIN20070821_152011_000000362061_00011_28622_9487.N1	21-AUG-2007 15:20:11	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	28622	No
148	GOM_NL__2PRFIN20070821_152708_000000402061_00011_28622_9488.N1	21-AUG-2007 15:27:08	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	28622	No
149	GOM_NL__2PRFIN20070821_152849_000000382061_00011_28622_9489.N1	21-AUG-2007 15:28:49	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	28622	No
150	GOM_NL__2PRFIN20070821_153015_000000342061_00011_28622_9490.N1	21-AUG-2007 15:30:15	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	28622	No
151	GOM_NL__2PRFIN20070821_153535_000000352061_00011_28622_9491.N1	21-AUG-2007 15:35:35	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	28622	No
152	GOM_NL__2PRFIN20070821_154253_000000362061_00011_28622_9492.N1	21-AUG-2007 15:42:53	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28622	No
153	GOM_NL__2PRFIN20070821_160155_000000422061_00011_28622_9493.N1	21-AUG-2007 16:01:55	Bright	42.000	170	27Eps Gem	3.0000	9700.0	84	28622	No
154	GOM_NL__2PRFIN20070821_160437_000000462061_00011_28622_9494.N1	21-AUG-2007 16:04:37	Tw_i_and_stray	46.000	44	24Gam Gem	1.9280	11000.	92	28622	No
155	GOM_NL__2PRFIN20070821_161352_000000472061_00011_28622_9495.N1	21-AUG-2007 16:13:52	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	28622	No
156	GOM_NL__2PRFIN20070821_161523_000000382061_00011_28622_9496.N1	21-AUG-2007 16:15:23	Dark	37.500	179	24Omi2CMa	3.0320	24000.	75	28622	No
157	GOM_NL__2PRFIN20070821_161651_000000422061_00011_28622_9497.N1	21-AUG-2007 16:16:51	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	28622	No
158	GOM_NL__2PRFIN20070821_161805_000000382061_00011_28622_9498.N1	21-AUG-2007 16:18:05	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	28622	No
159	GOM_NL__2PRFIN20070821_162341_000000522061_00011_28622_9499.N1	21-AUG-2007 16:23:41	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	28622	No
160	GOM_NL__2PRFIN20070821_163437_000000452061_00012_28623_9503.N1	21-AUG-2007 16:34:37	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28623	No

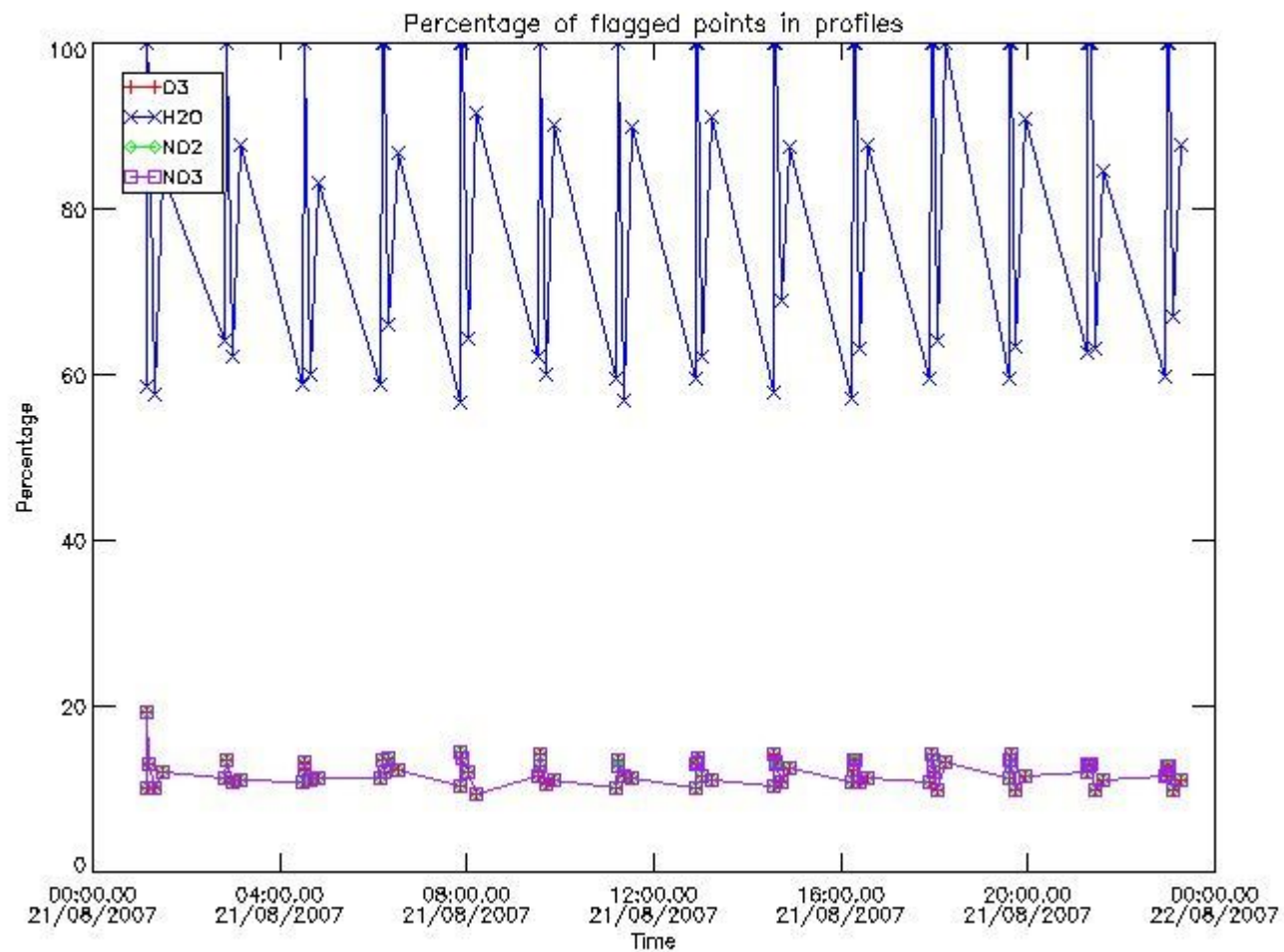
161	GOM_NL__2PRFIN20070821_163956_000000412061_00012_28623_9504.N1	21-AUG-2007 16:39:56	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28623	No
162	GOM_NL__2PRFIN20070821_164332_000000392061_00012_28623_9505.N1	21-AUG-2007 16:43:32	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	28623	No
163	GOM_NL__2PRFIN20070821_164627_000000412061_00012_28623_9506.N1	21-AUG-2007 16:46:27	Straylight	40.500	172	Gam Gru	3.0030	13100.	81	28623	No
164	GOM_NL__2PRFIN20070821_170048_000000362061_00012_28623_9507.N1	21-AUG-2007 17:00:48	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28623	No
165	GOM_NL__2PRFIN20070821_170743_000000362061_00012_28623_9508.N1	21-AUG-2007 17:07:43	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	28623	No
166	GOM_NL__2PRFIN20070821_170925_000000382061_00012_28623_9509.N1	21-AUG-2007 17:09:25	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	28623	No
167	GOM_NL__2PRFIN20070821_171051_000000352061_00012_28623_9510.N1	21-AUG-2007 17:10:51	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	28623	No
168	GOM_NL__2PRFIN20070821_171611_000000382061_00012_28623_9511.N1	21-AUG-2007 17:16:11	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	28623	No
169	GOM_NL__2PRFIN20070821_172329_000000362061_00012_28623_9512.N1	21-AUG-2007 17:23:29	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28623	No
170	GOM_NL__2PRFIN20070821_174231_000000402061_00012_28623_9513.N1	21-AUG-2007 17:42:31	Bright	39.500	170	27Eps Gem	3.0000	9700.0	79	28623	No
171	GOM_NL__2PRFIN20070821_174513_000000452061_00012_28623_9514.N1	21-AUG-2007 17:45:13	Tw_i_and_stray	45.000	44	24Gam Gem	1.9280	11000.	90	28623	No
172	GOM_NL__2PRFIN20070821_175428_000000482061_00012_28623_9515.N1	21-AUG-2007 17:54:28	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	28623	No
173	GOM_NL__2PRFIN20070821_175600_000000402061_00012_28623_9516.N1	21-AUG-2007 17:56:00	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	28623	No
174	GOM_NL__2PRFIN20070821_175727_000000422061_00012_28623_9517.N1	21-AUG-2007 17:57:27	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	28623	No
175	GOM_NL__2PRFIN20070821_175841_000000382061_00012_28623_9518.N1	21-AUG-2007 17:58:41	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	28623	No
176	GOM_NL__2PRFIN20070821_180417_000000522061_00012_28623_9519.N1	21-AUG-2007 18:04:17	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	28623	No
177	GOM_NL__2PRFIN20070821_181514_000000422061_00013_28624_9510.N1	21-AUG-2007 18:15:14	Dark	42.000	9	Alp Eri	0.45300	24000.	84	28624	No
178	GOM_NL__2PRFIN20070821_182032_000000382061_00013_28624_9511.N1	21-AUG-2007 18:20:32	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	28624	No
179	GOM_NL__2PRFIN20070821_182409_000000432061_00013_28624_9512.N1	21-AUG-2007 18:24:09	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	28624	No
180	GOM_NL__2PRFIN20070821_182704_000000432061_00013_28624_9513.N1	21-AUG-2007 18:27:04	Straylight	42.500	172	Gam Gru	3.0030	13100.	85	28624	No
181	GOM_NL__2PRFIN20070821_184124_000000392061_00013_28624_9514.N1	21-AUG-2007 18:41:24	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	28624	No
182	GOM_NL__2PRFIN20070821_184819_000000382061_00013_28624_9515.N1	21-AUG-2007 18:48:19	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	28624	No
183	GOM_NL__2PRFIN20070821_185001_000000372061_00013_28624_9516.N1	21-AUG-2007 18:50:01	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28624	No
184	GOM_NL__2PRFIN20070821_185127_000000342061_00013_28624_9517.N1	21-AUG-2007 18:51:27	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	28624	No
185	GOM_NL__2PRFIN20070821_185647_000000372061_00013_28624_9518.N1	21-AUG-2007 18:56:47	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28624	No
186	GOM_NL__2PRFIN20070821_190405_000000362061_00013_28624_9519.N1	21-AUG-2007 19:04:05	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28624	No
187	GOM_NL__2PRFIN20070821_192307_000000402061_00013_28624_9520.N1	21-AUG-2007 19:23:07	Bright	40.000	170	27Eps Gem	3.0000	9700.0	80	28624	No
188	GOM_NL__2PRFIN20070821_192549_000000462061_00013_28624_9521.N1	21-AUG-2007 19:25:49	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	28624	No
189	GOM_NL__2PRFIN20070821_193505_000000452061_00013_28624_9522.N1	21-AUG-2007 19:35:05	Dark	45.000	1	9Alp CMa	-1.4400	11000.	90	28624	No
190	GOM_NL__2PRFIN20070821_193636_000000382061_00013_28624_9523.N1	21-AUG-2007 19:36:36	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	28624	No
191	GOM_NL__2PRFIN20070821_193804_000000402061_00013_28624_9524.N1	21-AUG-2007 19:38:04	Dark	39.500	23	21Eps CMa	1.5020	26000.	79	28624	No
192	GOM_NL__2PRFIN20070821_193918_000000402061_00013_28624_9525.N1	21-AUG-2007 19:39:18	Dark	40.000	177	1Zet CMa	3.0220	26000.	80	28624	No
193	GOM_NL__2PRFIN20070821_194454_000000512061_00013_28624_9526.N1	21-AUG-2007 19:44:54	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	28624	No
194	GOM_NL__2PRFIN20070821_195551_000000442061_00014_28625_9531.N1	21-AUG-2007 19:55:51	Dark	44.000	9	Alp Eri	0.45300	24000.	88	28625	No
195	GOM_NL__2PRFIN20070821_200109_000000462061_00014_28625_9532.N1	21-AUG-2007 20:01:09	Straylight	45.500	148	Alp Tuc	2.8780	4100.0	91	28625	No
196	GOM_NL__2PRFIN20070821_200445_000000392061_00014_28625_9533.N1	21-AUG-2007 20:04:45	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	28625	No
197	GOM_NL__2PRFIN20070821_200740_000000392061_00014_28625_9534.N1	21-AUG-2007 20:07:40	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	28625	No
198	GOM_NL__2PRFIN20070821_202200_000000362061_00014_28625_9535.N1	21-AUG-2007 20:22:00	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28625	No
199	GOM_NL__2PRFIN20070821_202855_000000352061_00014_28625_9536.N1	21-AUG-2007 20:28:55	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	28625	No
200	GOM_NL__2PRFIN20070821_203037_000000342061_00014_28625_9537.N1	21-AUG-2007 20:30:37	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	28625	No
201	GOM_NL__2PRFIN20070821_203203_000000342061_00014_28625_9538.N1	21-AUG-2007 20:32:03	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	28625	No
202	GOM_NL__2PRFIN20070821_203722_000000392061_00014_28625_9539.N1	21-AUG-2007 20:37:22	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	28625	No
203	GOM_NL__2PRFIN20070821_204441_000000372061_00014_28625_9540.N1	21-AUG-2007 20:44:41	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28625	No
204	GOM_NL__2PRFIN20070821_210343_000000402061_00014_28625_9541.N1	21-AUG-2007 21:03:43	Bright	40.000	170	27Eps Gem	3.0000	9700.0	80	28625	No
205	GOM_NL__2PRFIN20070821_210626_000000472061_00014_28625_9542.N1	21-AUG-2007 21:06:26	Tw_i_and_stray	46.500	44	24Gam Gem	1.9280	11000.	93	28625	No
206	GOM_NL__2PRFIN20070821_211541_000000422061_00014_28625_9543.N1	21-AUG-2007 21:15:41	Dark	42.000	1	9Alp CMa	-1.4400	11000.	84	28625	No
207	GOM_NL__2PRFIN20070821_211712_000000402061_00014_28625_9544.N1	21-AUG-2007 21:17:12	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	28625	No
208	GOM_NL__2PRFIN20070821_211840_000000442061_00014_28625_9545.N1	21-AUG-2007 21:18:40	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	28625	No
209	GOM_NL__2PRFIN20070821_211954_000000392061_00014_28625_9546.N1	21-AUG-2007 21:19:54	Dark	39.000	177	1Zet CMa	3.0220	26000.	78	28625	No
210	GOM_NL__2PRFIN20070821_212530_000000522061_00014_28625_9547.N1	21-AUG-2007 21:25:30	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	28625	No
211	GOM_NL__2PRFIN20070821_213627_000000462061_00015_28626_9544.N1	21-AUG-2007 21:36:27	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28626	No
212	GOM_NL__2PRFIN20070821_214145_000000452061_00015_28626_9545.N1	21-AUG-2007 21:41:45	Straylight	45.000	148	Alp Tuc	2.8780	4100.0	90	28626	No
213	GOM_NL__2PRFIN20070821_214521_000000412061_00015_28626_9546.N1	21-AUG-2007 21:45:21	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	28626	No
214	GOM_NL__2PRFIN20070821_214816_000000392061_00015_28626_9547.N1	21-AUG-2007 21:48:16	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	28626	No
215	GOM_NL__2PRFIN20070821_220236_000000372061_00015_28626_9548.N1	21-AUG-2007 22:02:36	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	28626	No
216	GOM_NL__2PRFIN20070821_220931_000000382061_00015_28626_9549.N1	21-AUG-2007 22:09:31	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	28626	No
217	GOM_NL__2PRFIN20070821_221113_000000372061_00015_28626_9550.N1	21-AUG-2007 22:11:13	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	28626	No
218	GOM_NL__2PRFIN20070821_221239_000000342061_00015_28626_9551.N1	21-AUG-2007 22:12:39	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	28626	No
219	GOM_NL__2PRFIN20070821_221758_000000382061_00015_28626_9552.N1	21-AUG-2007 22:17:58	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	28626	No

220	GOM_NL__2PRFIN20070821_222517_000000362061_00015_28626_9553.N1	21-AUG-2007 22:25:17	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28626	No
221	GOM_NL__2PRFIN20070821_224419_000000362061_00015_28626_9554.N1	21-AUG-2007 22:44:19	Bright	36.000	170	27Eps Gem	3.0000	9700.0	72	28626	No
222	GOM_NL__2PRFIN20070821_224702_000000462061_00015_28626_9555.N1	21-AUG-2007 22:47:02	Twilight	45.500	44	24Gam Gem	1.9280	11000.	91	28626	No
223	GOM_NL__2PRFIN20070821_225617_000000442061_00015_28626_9556.N1	21-AUG-2007 22:56:17	Dark	44.000	1	9Alp CMa	-1.4400	11000.	88	28626	No
224	GOM_NL__2PRFIN20070821_225748_000000402061_00015_28626_9557.N1	21-AUG-2007 22:57:48	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	28626	No
225	GOM_NL__2PRFIN20070821_225916_000000442061_00015_28626_9558.N1	21-AUG-2007 22:59:16	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	28626	No
226	GOM_NL__2PRFIN20070821_230031_000000402061_00015_28626_9559.N1	21-AUG-2007 23:00:31	Dark	40.000	177	1Zet CMa	3.0220	26000.	80	28626	No
227	GOM_NL__2PRFIN20070821_230606_000000522061_00015_28626_9560.N1	21-AUG-2007 23:06:06	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	28626	No
228	GOM_NL__2PRFIN20070821_231704_000000462061_00016_28627_9554.N1	21-AUG-2007 23:17:04	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28627	No
229	GOM_NL__2PRFIN20070821_232221_000000482061_00016_28627_9555.N1	21-AUG-2007 23:22:21	Straylight	48.000	148	Alp Tuc	2.8780	4100.0	96	28627	No
230	GOM_NL__2PRFIN20070821_232557_000000462061_00016_28627_9556.N1	21-AUG-2007 23:25:57	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	28627	No
231	GOM_NL__2PRFIN20070821_232852_000000382061_00016_28627_9557.N1	21-AUG-2007 23:28:52	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	28627	No
232	GOM_NL__2PRFIN20070821_234312_000000362061_00016_28627_9558.N1	21-AUG-2007 23:43:12	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	28627	No
233	GOM_NL__2PRFIN20070821_235007_000000352061_00016_28627_9559.N1	21-AUG-2007 23:50:07	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	28627	No
234	GOM_NL__2PRFIN20070821_235148_000000342061_00016_28627_9560.N1	21-AUG-2007 23:51:48	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	28627	No
235	GOM_NL__2PRFIN20070821_235315_000000342061_00016_28627_9561.N1	21-AUG-2007 23:53:15	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	28627	No
236	GOM_NL__2PRFIN20070821_235834_000000382061_00016_28627_9562.N1	21-AUG-2007 23:58:34	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	28627	No

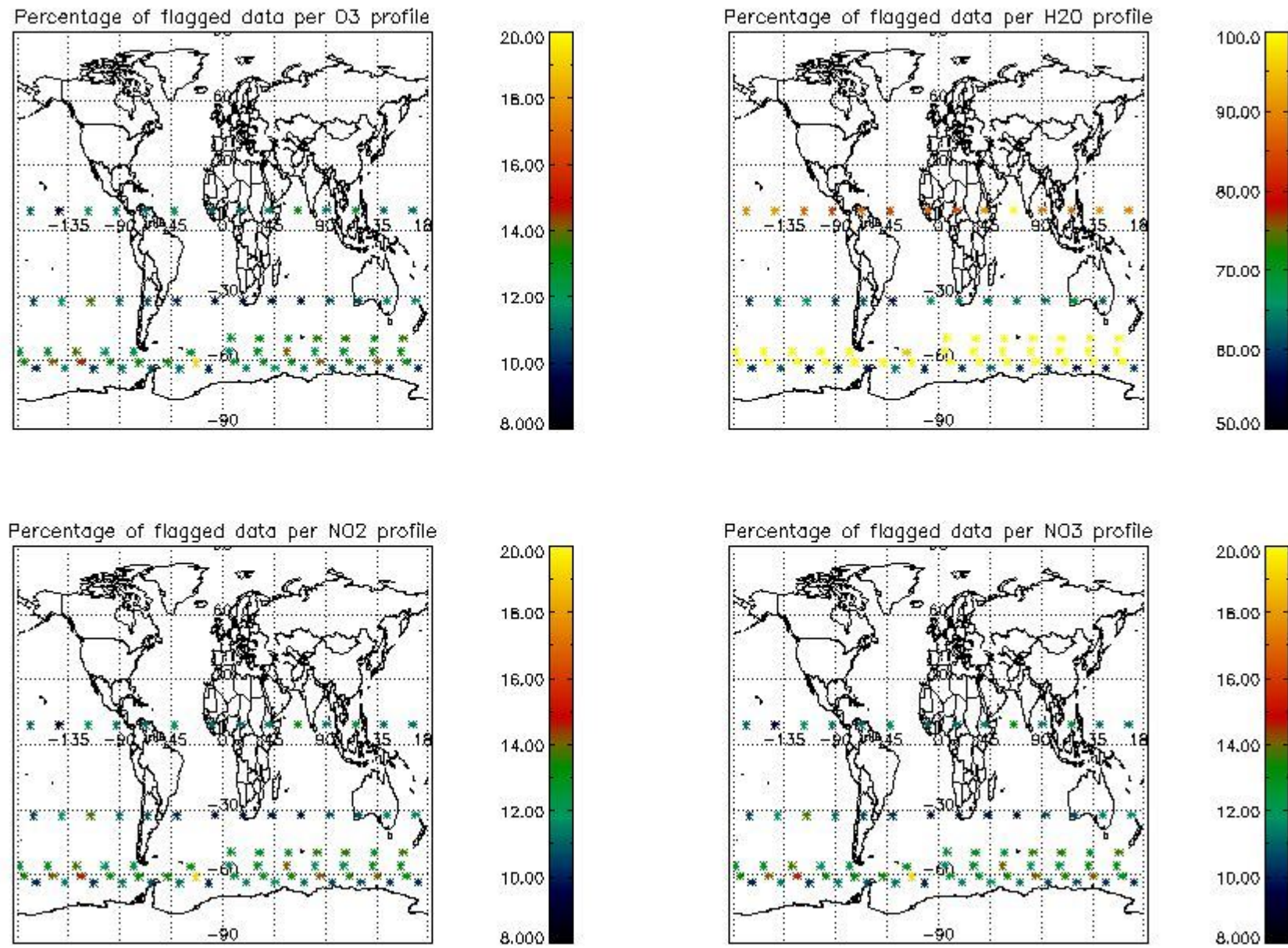
### 3. Quality information per product

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)

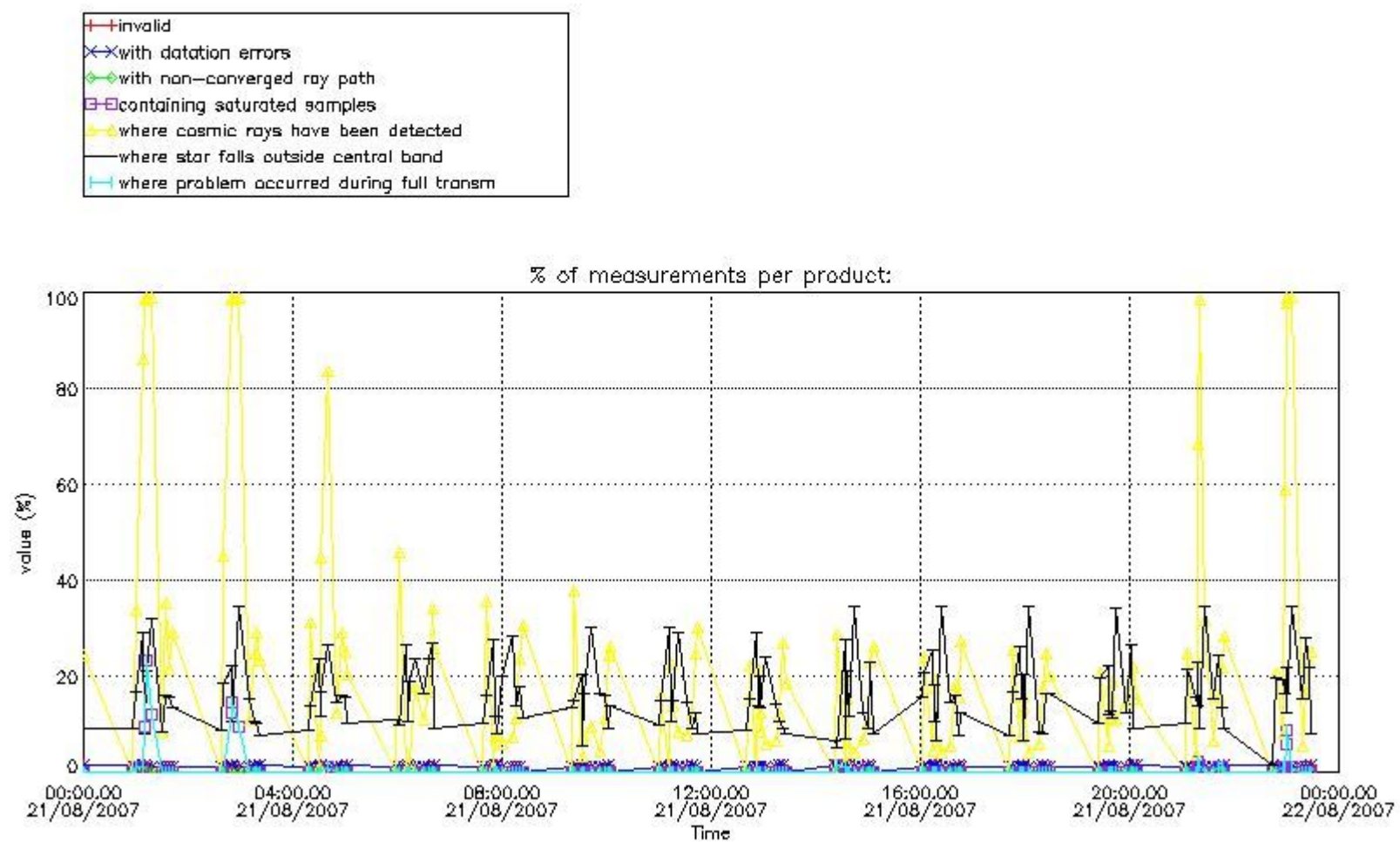


### 4. Level 1 quality information per product

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

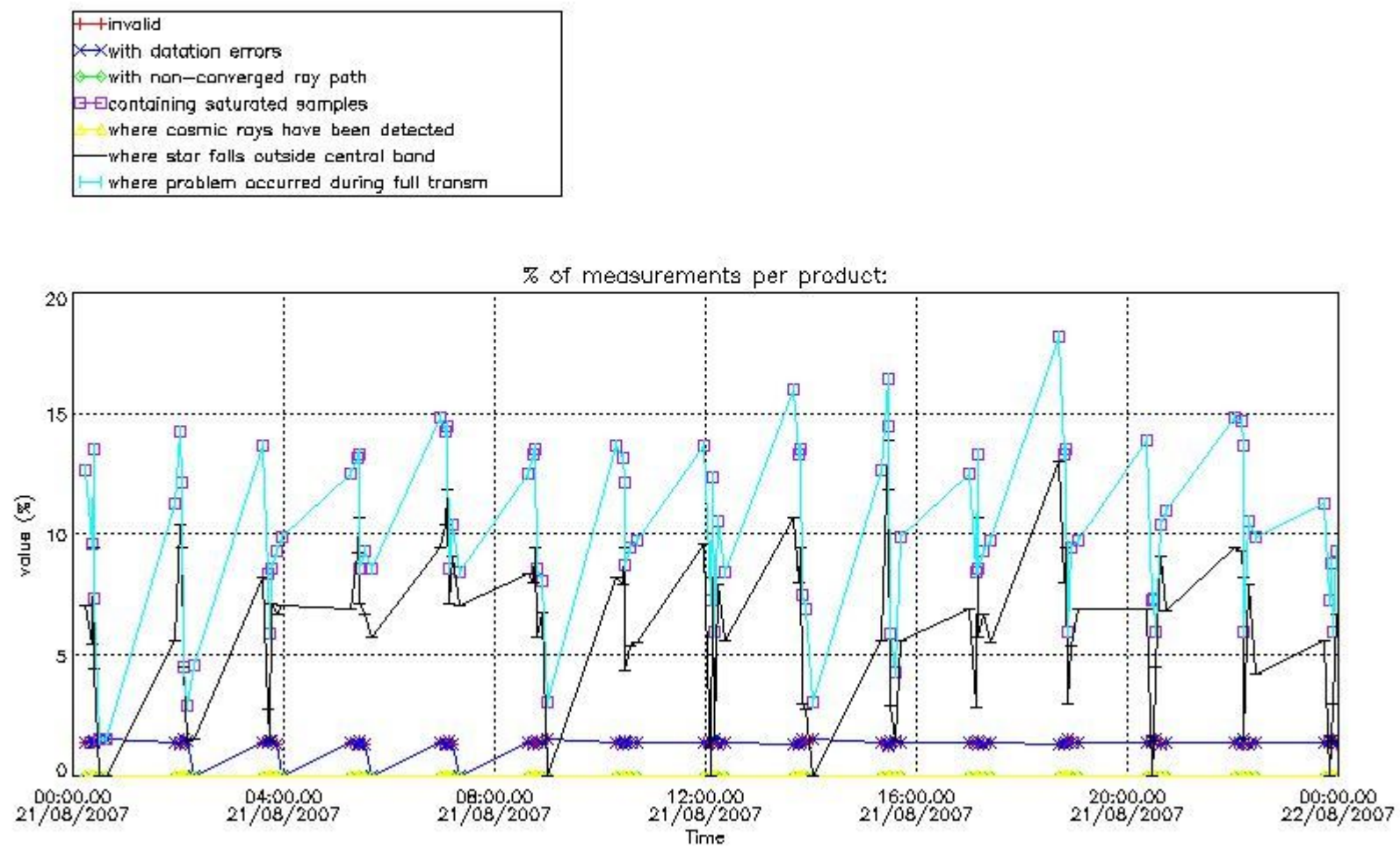
#### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



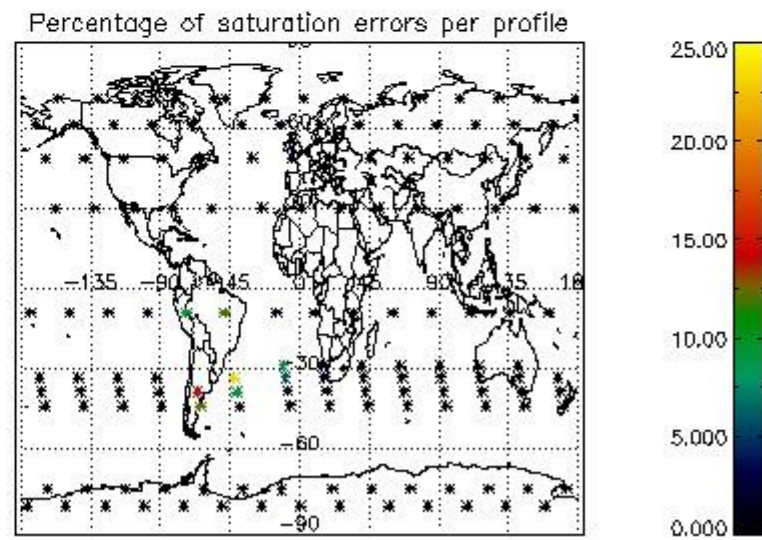
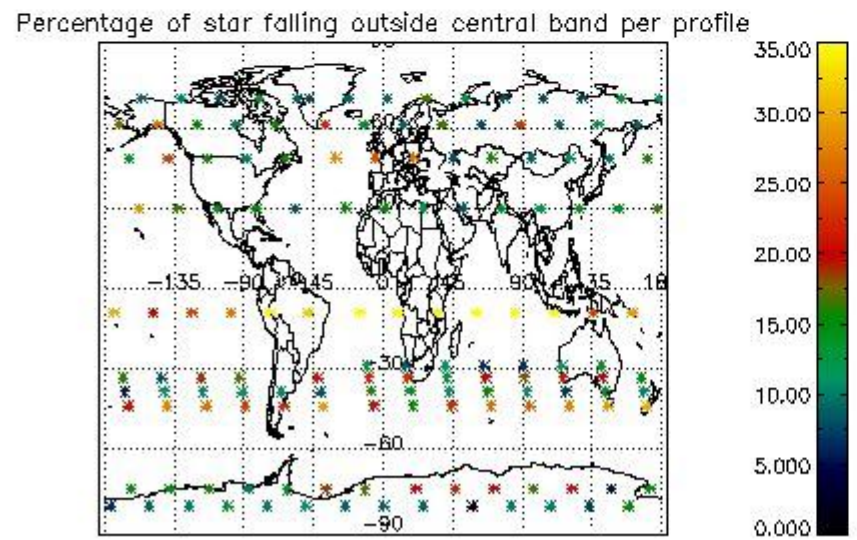
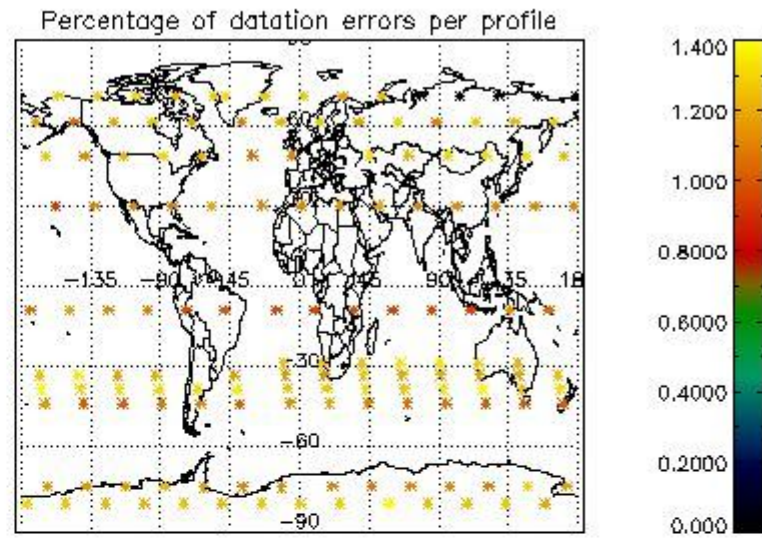
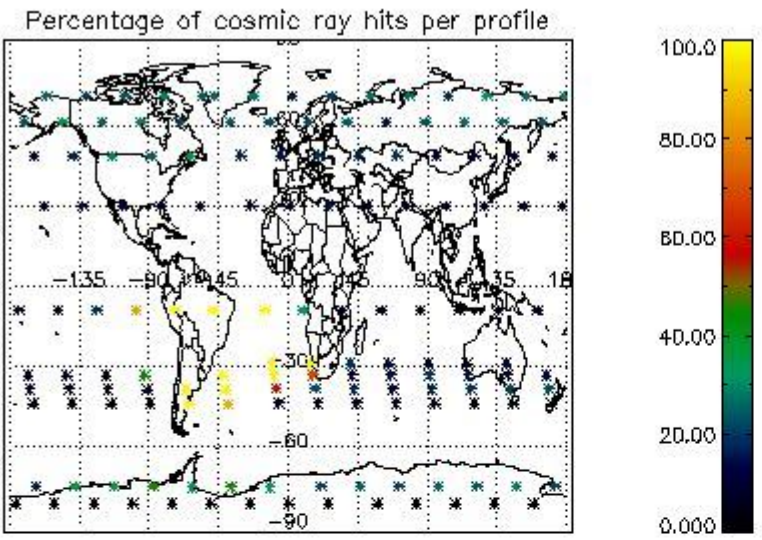
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes





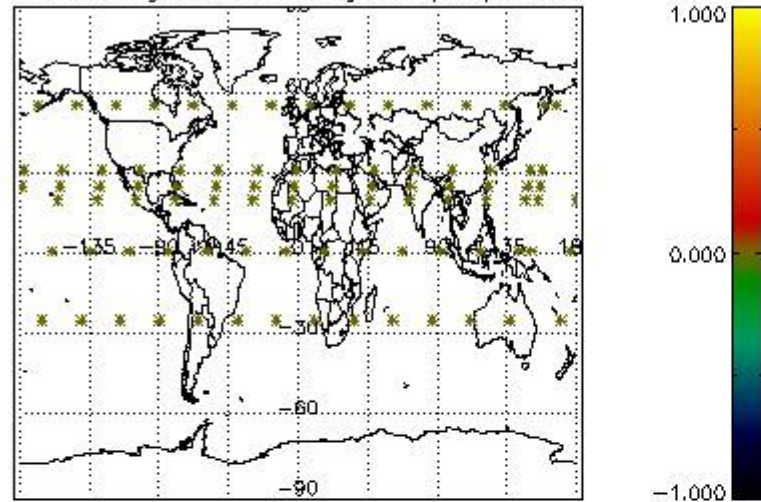
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

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

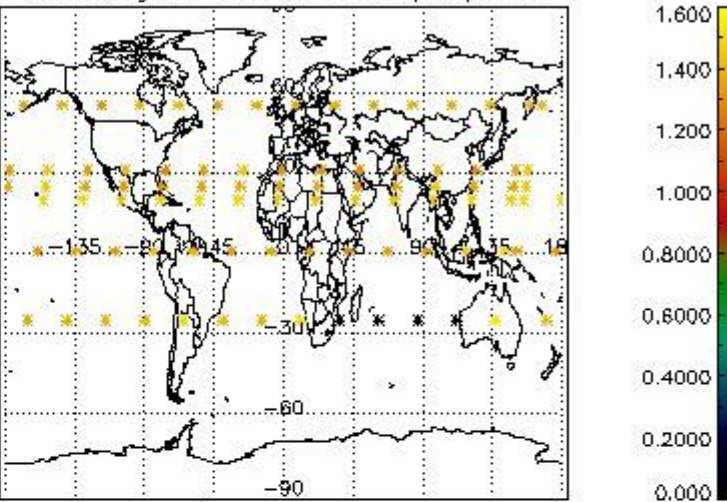


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

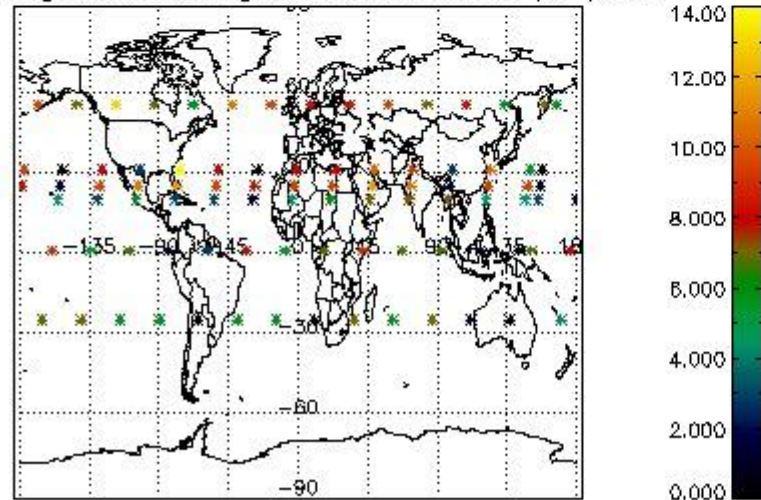
Percentage of cosmic ray hits per profile



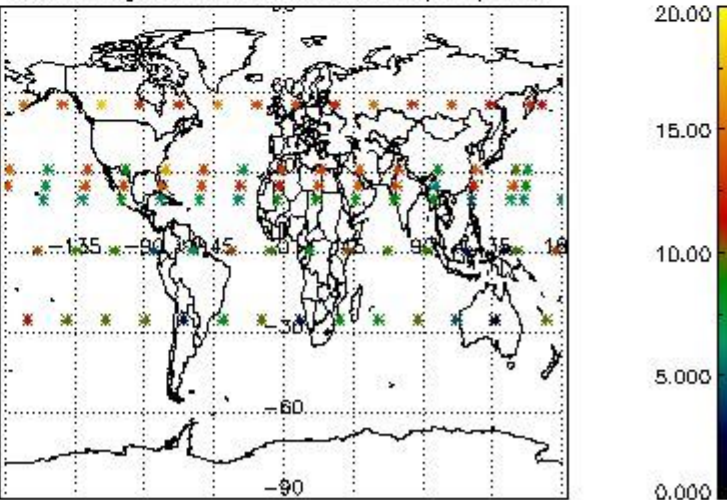
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

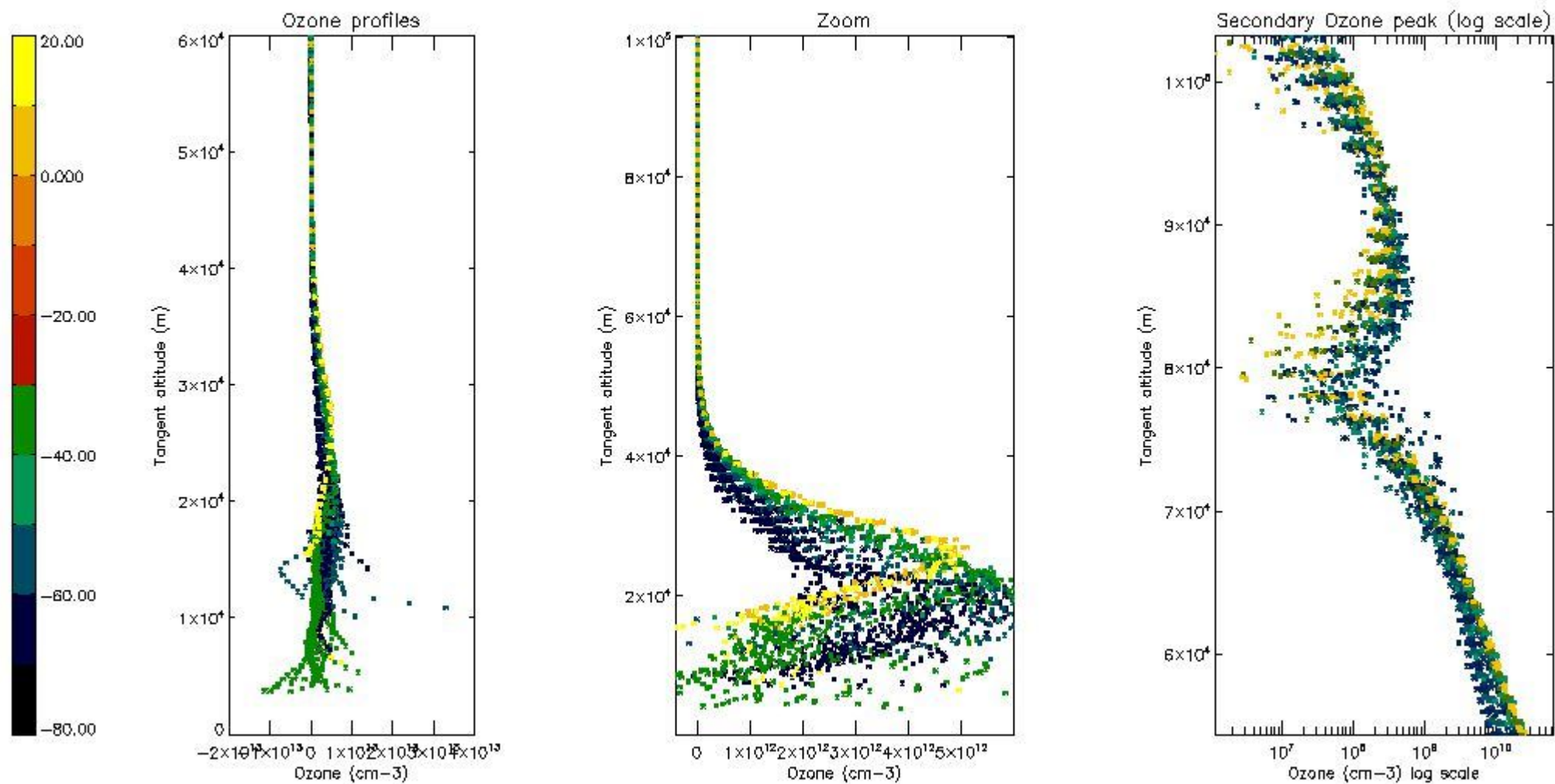
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	36
STD < 20	26

STD < 10	22
STD < 5	18

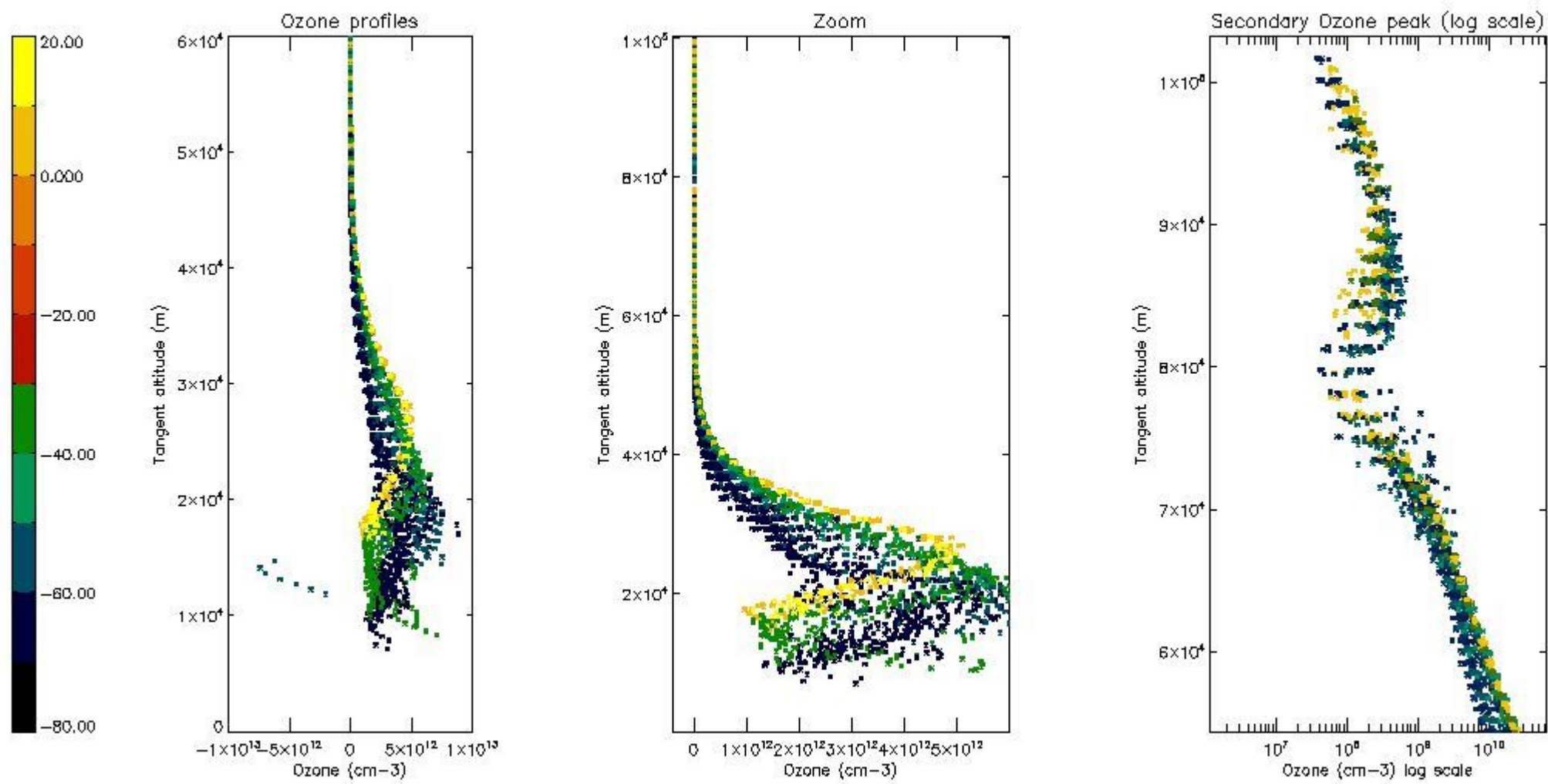
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



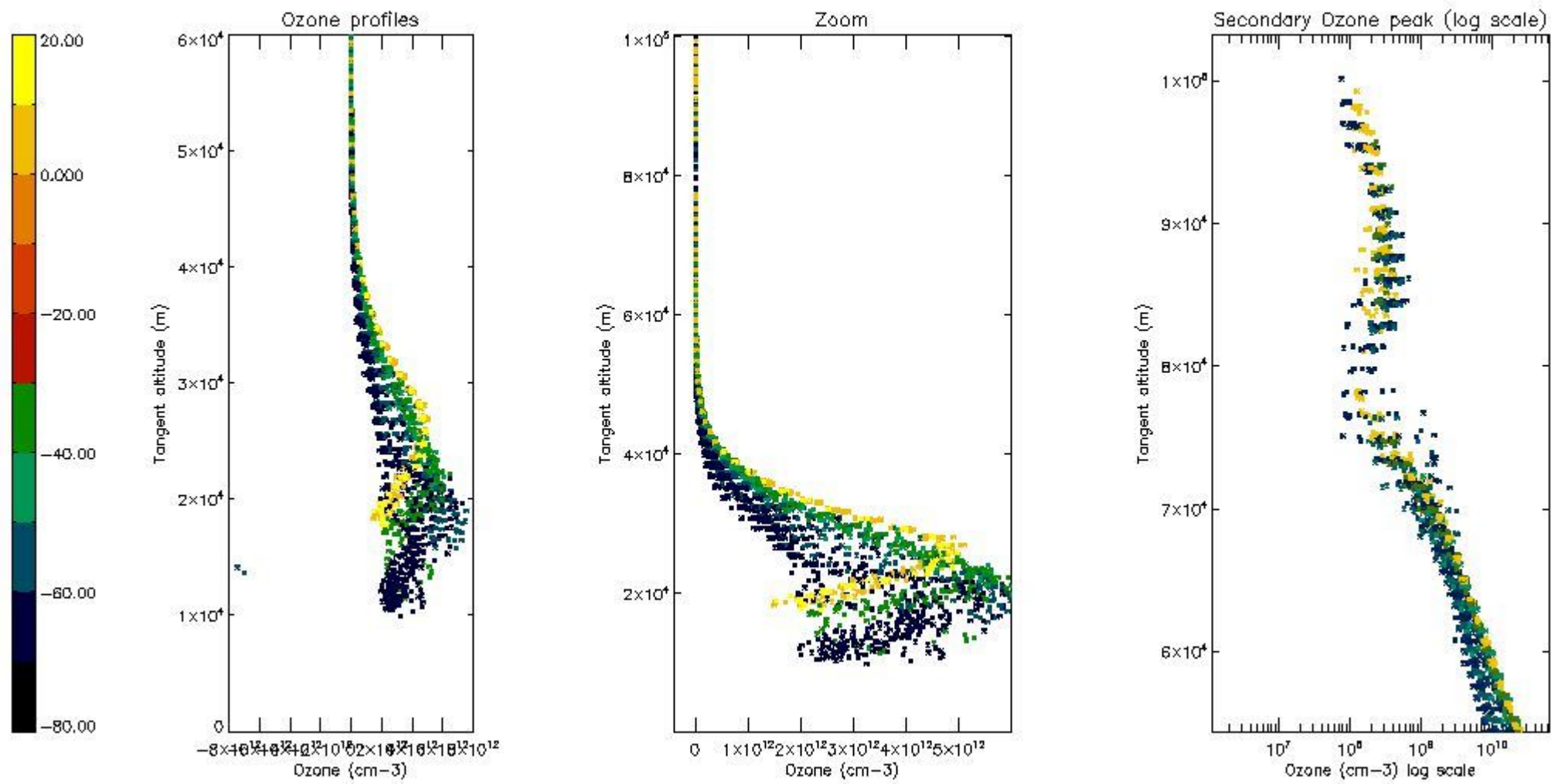
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



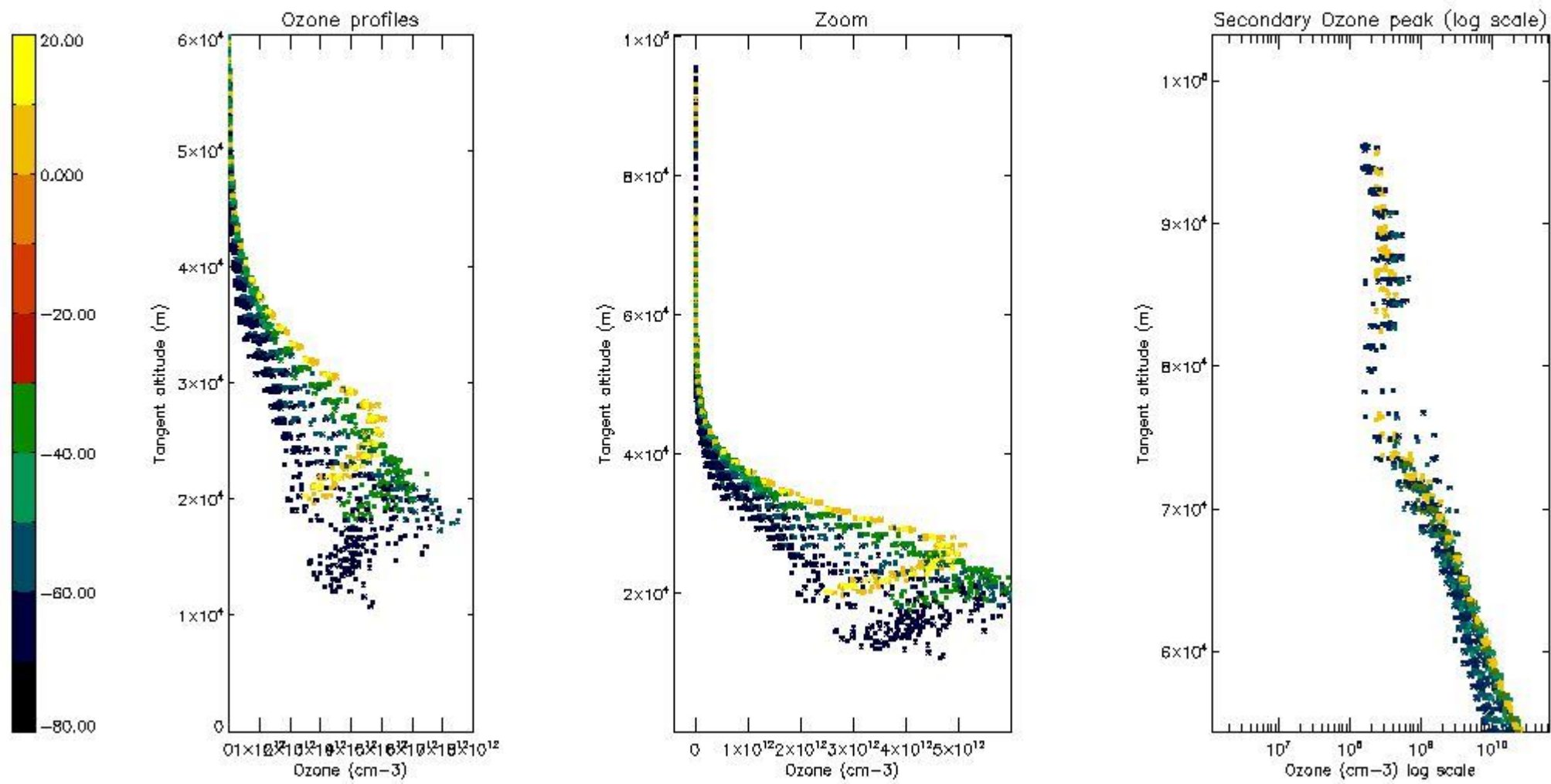
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



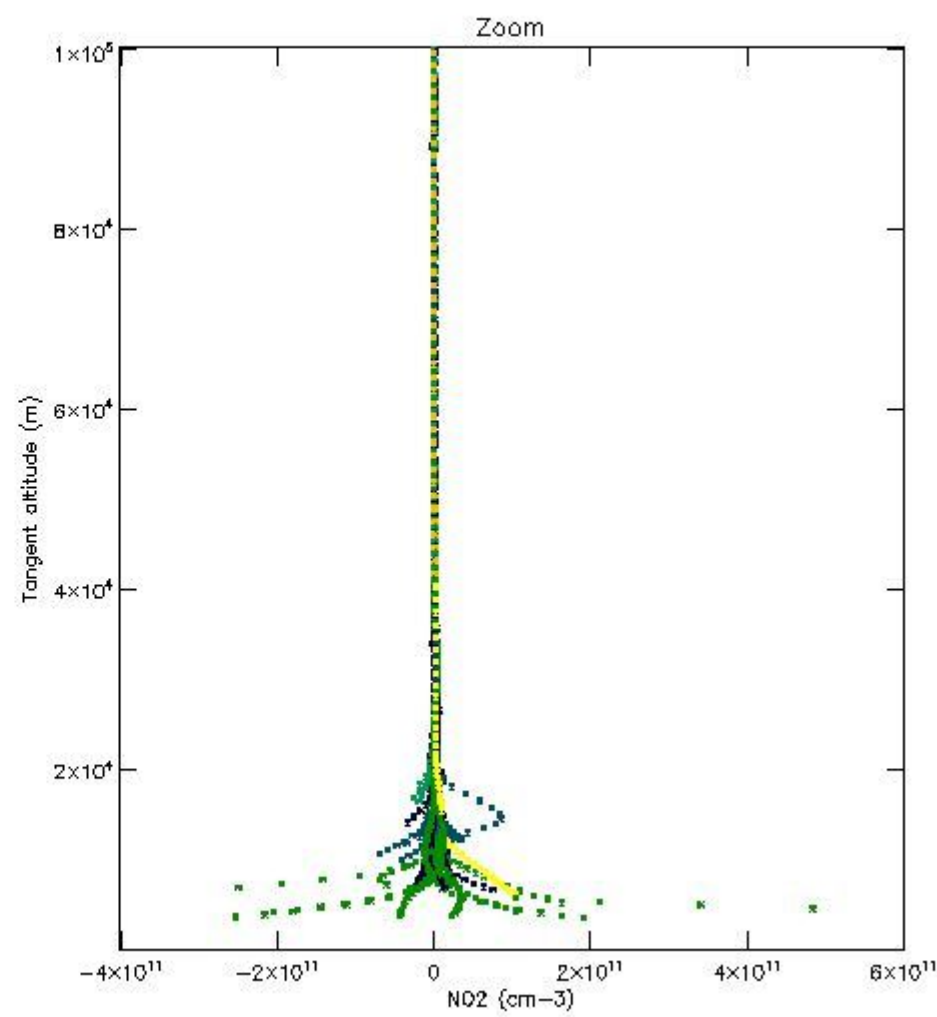
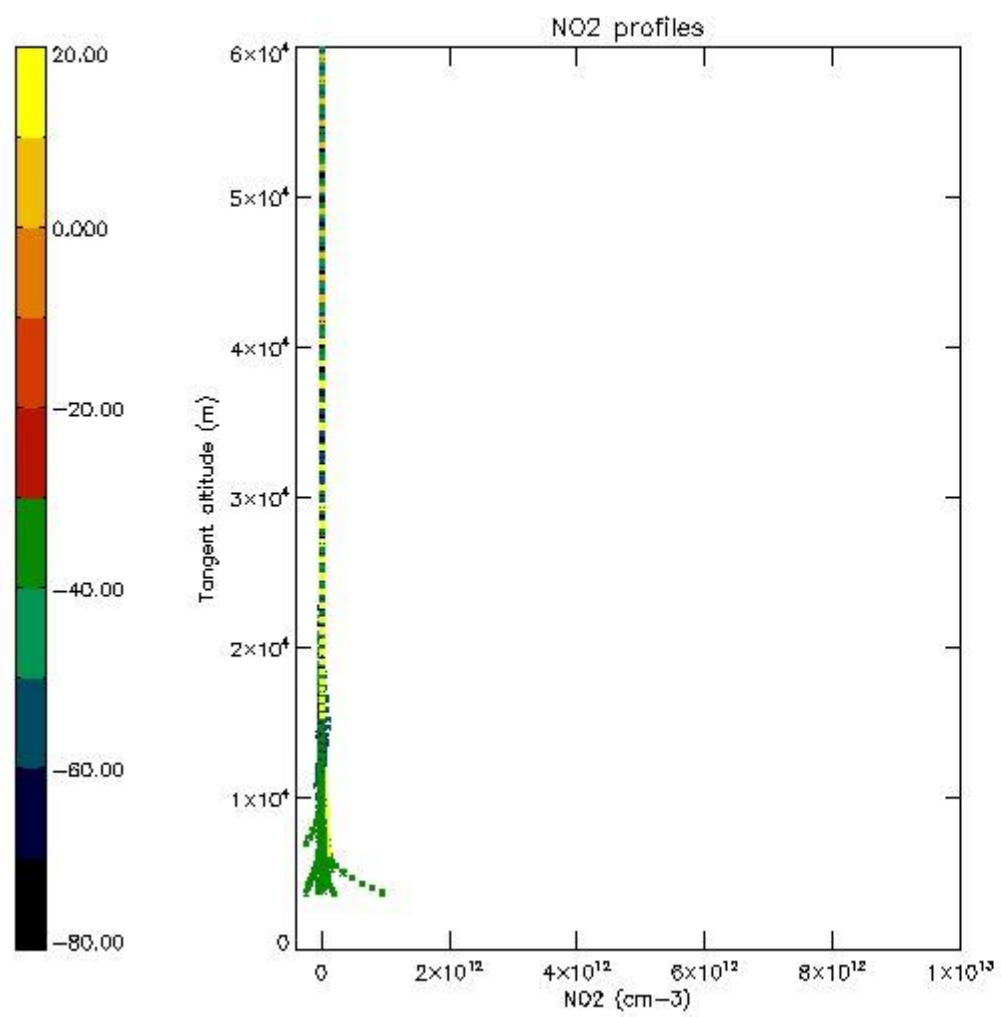
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

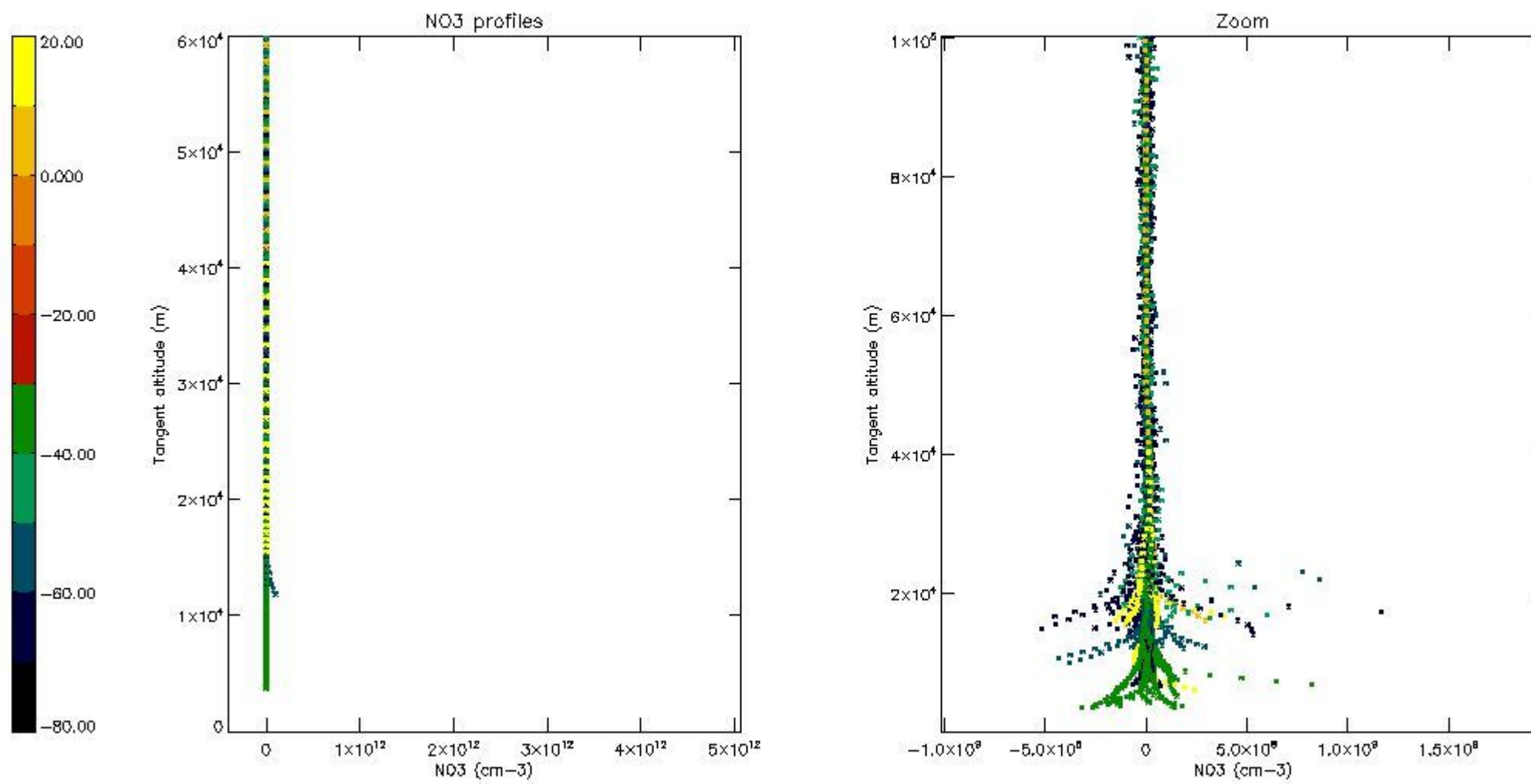
The colorbar represents the latitude.



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

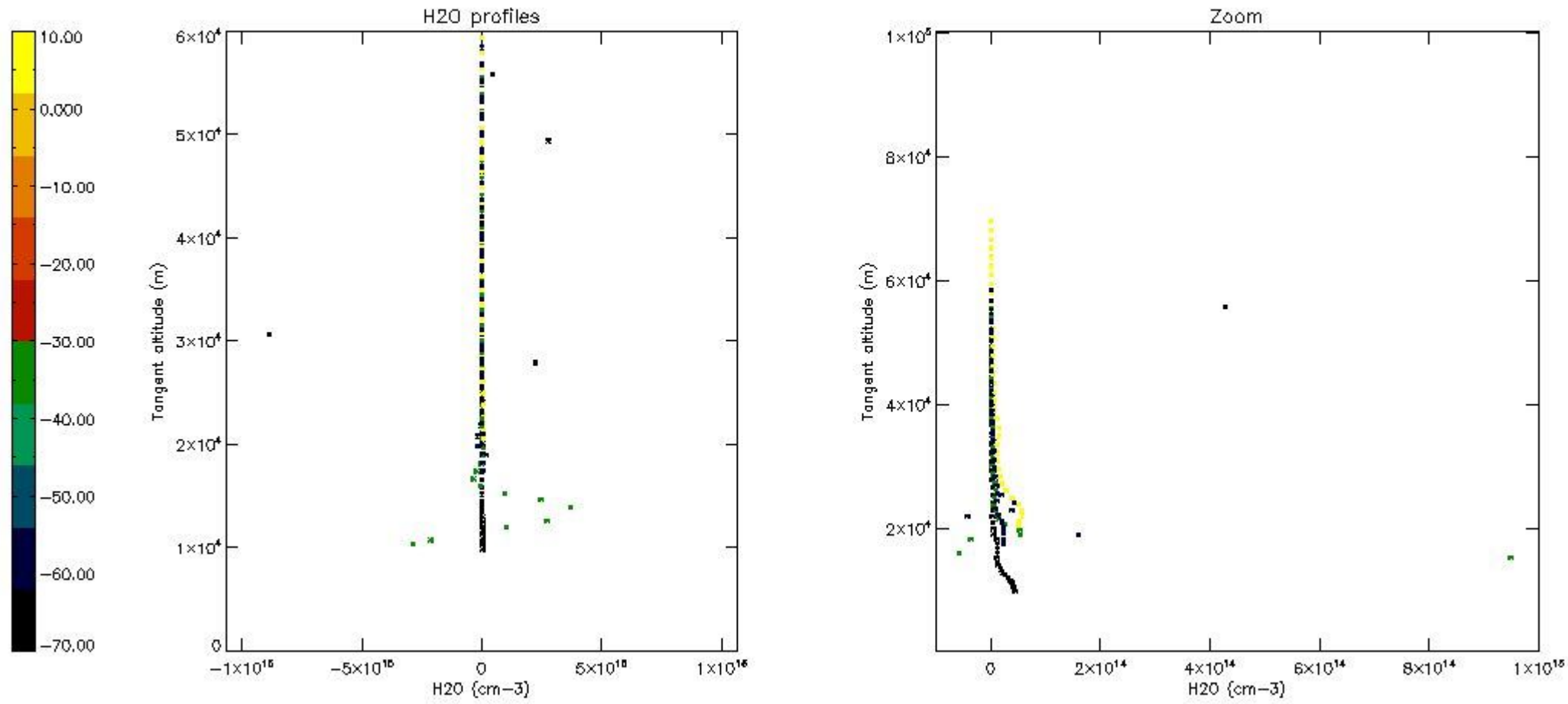
The colorbar represents the latitude.





5.8 Plot H<sub>2</sub>O 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	21-AUG-2007 00:00:25
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	21-AUG-2007 00:00:25
CROSS_SECTIONS_FILE	GOM_CR2_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	21-AUG-2007 00:00:25

# GOMOS Level 2 Daily Report

## SUMMARY

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### [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](#)

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

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

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

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

#### [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	23APR2013 01:17:55
Data source version	GOMOS/6.01
Start time of products	21-08-2007 (21AUG2007 00:00:00)
Stop time of products	22-08-2007 (22AUG2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	236
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__2PRFIN20070821_000025_000000392061_00002_28613_9322.N1	21-AUG-2007 00:00:25	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	28613	No
2	GOM_NL__2PRFIN20070821_001447_000000362061_00002_28613_9323.N1	21-AUG-2007 00:14:47	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	28613	No
3	GOM_NL__2PRFIN20070821_002145_000000372061_00002_28613_9324.N1	21-AUG-2007 00:21:45	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	28613	No
4	GOM_NL__2PRFIN20070821_002326_000000372061_00002_28613_9325.N1	21-AUG-2007 00:23:26	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28613	No
5	GOM_NL__2PRFIN20070821_002451_000000342061_00002_28613_9326.N1	21-AUG-2007 00:24:51	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	28613	No
6	GOM_NL__2PRFIN20070821_003014_000000342061_00002_28613_9327.N1	21-AUG-2007 00:30:14	Bright	33.500	89	5Alp Cep	2.4510	8000.0	67	28613	No
7	GOM_NL__2PRFIN20070821_003730_000000332061_00002_28613_9328.N1	21-AUG-2007 00:37:30	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	28613	No
8	GOM_NL__2PRFIN20070821_005629_000000392061_00002_28613_9329.N1	21-AUG-2007 00:56:29	Bright	39.000	170	27Eps Gem	3.0000	9700.0	78	28613	No
9	GOM_NL__2PRFIN20070821_005911_000000452061_00002_28613_9330.N1	21-AUG-2007 00:59:11	Twilight	44.500	44	24Gam Gem	1.9280	11000.	89	28613	No
10	GOM_NL__2PRFIN20070821_010825_000000502061_00002_28613_9331.N1	21-AUG-2007 01:08:25	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	28613	No
11	GOM_NL__2PRFIN20070821_010957_000000372061_00002_28613_9332.N1	21-AUG-2007 01:09:57	Dark	37.000	179	24Omi2CMa	3.0320	24000.	74	28613	No
12	GOM_NL__2PRFIN20070821_011125_000000432061_00002_28613_9333.N1	21-AUG-2007 01:11:25	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	28613	No
13	GOM_NL__2PRFIN20070821_011815_000000502061_00002_28613_9334.N1	21-AUG-2007 01:18:15	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	28613	No
14	GOM_NL__2PRFIN20070821_012908_000000422061_00003_28614_9330.N1	21-AUG-2007 01:29:08	Dark	42.000	9	Alp Eri	0.45300	24000.	84	28614	No
15	GOM_NL__2PRFIN20070821_013430_000000412061_00003_28614_9331.N1	21-AUG-2007 01:34:30	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28614	No
16	GOM_NL__2PRFIN20070821_013806_000000422061_00003_28614_9332.N1	21-AUG-2007 01:38:06	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	28614	No
17	GOM_NL__2PRFIN20070821_014101_000000412061_00003_28614_9333.N1	21-AUG-2007 01:41:01	Straylight	41.000	172	Gam Gru	3.0030	13100.	82	28614	No
18	GOM_NL__2PRFIN20070821_015523_000000362061_00003_28614_9334.N1	21-AUG-2007 01:55:23	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	28614	No
19	GOM_NL__2PRFIN20070821_020221_000000392061_00003_28614_9335.N1	21-AUG-2007 02:02:21	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	28614	No
20	GOM_NL__2PRFIN20070821_020402_000000372061_00003_28614_9336.N1	21-AUG-2007 02:04:02	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28614	No
21	GOM_NL__2PRFIN20070821_020527_000000342061_00003_28614_9337.N1	21-AUG-2007 02:05:27	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	28614	No
22	GOM_NL__2PRFIN20070821_021049_000000342061_00003_28614_9338.N1	21-AUG-2007 02:10:49	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	28614	No
23	GOM_NL__2PRFIN20070821_021806_000000332061_00003_28614_9339.N1	21-AUG-2007 02:18:06	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	28614	No
24	GOM_NL__2PRFIN20070821_023706_000000402061_00003_28614_9340.N1	21-AUG-2007 02:37:06	Bright	39.500	170	27Eps Gem	3.0000	9700.0	79	28614	No
25	GOM_NL__2PRFIN20070821_023947_000000462061_00003_28614_9341.N1	21-AUG-2007 02:39:47	Twilight	45.500	44	24Gam Gem	1.9280	11000.	91	28614	No
26	GOM_NL__2PRFIN20070821_024901_000000452061_00003_28614_9342.N1	21-AUG-2007 02:49:01	Dark	45.000	1	9Alp CMa	-1.4400	11000.	90	28614	No
27	GOM_NL__2PRFIN20070821_025033_000000382061_00003_28614_9343.N1	21-AUG-2007 02:50:33	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	28614	No
28	GOM_NL__2PRFIN20070821_025851_000000522061_00003_28614_9344.N1	21-AUG-2007 02:58:51	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	28614	No
29	GOM_NL__2PRFIN20070821_030945_000000462061_00004_28615_9344.N1	21-AUG-2007 03:09:45	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28615	No
30	GOM_NL__2PRFIN20070821_031506_000000392061_00004_28615_9345.N1	21-AUG-2007 03:15:06	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	28615	No
31	GOM_NL__2PRFIN20070821_031842_000000402061_00004_28615_9346.N1	21-AUG-2007 03:18:42	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	28615	No
32	GOM_NL__2PRFIN20070821_032138_000000392061_00004_28615_9347.N1	21-AUG-2007 03:21:38	Straylight	38.500	172	Gam Gru	3.0030	13100.	77	28615	No
33	GOM_NL__2PRFIN20070821_033559_000000372061_00004_28615_9348.N1	21-AUG-2007 03:35:59	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	28615	No
34	GOM_NL__2PRFIN20070821_034257_000000362061_00004_28615_9349.N1	21-AUG-2007 03:42:57	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	28615	No
35	GOM_NL__2PRFIN20070821_034438_000000342061_00004_28615_9350.N1	21-AUG-2007 03:44:38	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	28615	No
36	GOM_NL__2PRFIN20070821_034603_000000352061_00004_28615_9351.N1	21-AUG-2007 03:46:03	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	28615	No
37	GOM_NL__2PRFIN20070821_035125_000000382061_00004_28615_9352.N1	21-AUG-2007 03:51:25	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	28615	No
38	GOM_NL__2PRFIN20070821_035842_000000362061_00004_28615_9353.N1	21-AUG-2007 03:58:42	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28615	No
39	GOM_NL__2PRFIN20070821_041742_000000402061_00004_28615_9354.N1	21-AUG-2007 04:17:42	Bright	39.500	170	27Eps Gem	3.0000	9700.0	79	28615	No
40	GOM_NL__2PRFIN20070821_042023_000000432061_00004_28615_9355.N1	21-AUG-2007 04:20:23	Twilight	43.000	44	24Gam Gem	1.9280	11000.	86	28615	No
41	GOM_NL__2PRFIN20070821_042937_000000472061_00004_28615_9356.N1	21-AUG-2007 04:29:37	Dark	46.500	1	9Alp CMa	-1.4400	11000.	93	28615	No
42	GOM_NL__2PRFIN20070821_043110_000000392061_00004_28615_9357.N1	21-AUG-2007 04:31:10	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	28615	No

43	GOM_NL__2PRFIN20070821_043237_000000422061_00004_28615_9358.N1	21-AUG-2007 04:32:37	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	28615	No
44	GOM_NL__2PRFIN20070821_043927_000000462061_00004_28615_9359.N1	21-AUG-2007 04:39:27	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	28615	No
45	GOM_NL__2PRFIN20070821_045021_000000452061_00005_28616_9358.N1	21-AUG-2007 04:50:21	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28616	No
46	GOM_NL__2PRFIN20070821_045543_000000412061_00005_28616_9359.N1	21-AUG-2007 04:55:43	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28616	No
47	GOM_NL__2PRFIN20070821_045918_000000422061_00005_28616_9360.N1	21-AUG-2007 04:59:18	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	28616	No
48	GOM_NL__2PRFIN20070821_050214_000000392061_00005_28616_9361.N1	21-AUG-2007 05:02:14	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	28616	No
49	GOM_NL__2PRFIN20070821_051635_000000362061_00005_28616_9362.N1	21-AUG-2007 05:16:35	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28616	No
50	GOM_NL__2PRFIN20070821_052333_000000382061_00005_28616_9363.N1	21-AUG-2007 05:23:33	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	28616	No
51	GOM_NL__2PRFIN20070821_052514_000000382061_00005_28616_9364.N1	21-AUG-2007 05:25:14	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	28616	No
52	GOM_NL__2PRFIN20070821_052639_000000352061_00005_28616_9365.N1	21-AUG-2007 05:26:39	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	28616	No
53	GOM_NL__2PRFIN20070821_053201_000000382061_00005_28616_9366.N1	21-AUG-2007 05:32:01	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	28616	No
54	GOM_NL__2PRFIN20070821_053918_000000352061_00005_28616_9367.N1	21-AUG-2007 05:39:18	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28616	No
55	GOM_NL__2PRFIN20070821_055818_000000412061_00005_28616_9368.N1	21-AUG-2007 05:58:18	Bright	41.000	170	27Eps Gem	3.0000	9700.0	82	28616	No
56	GOM_NL__2PRFIN20070821_060100_000000412061_00005_28616_9369.N1	21-AUG-2007 06:01:00	Tw_i_and_stray	40.500	44	24Gam Gem	1.9280	11000.	81	28616	No
57	GOM_NL__2PRFIN20070821_061014_000000492061_00005_28616_9370.N1	21-AUG-2007 06:10:14	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	28616	No
58	GOM_NL__2PRFIN20070821_061146_000000382061_00005_28616_9371.N1	21-AUG-2007 06:11:46	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	28616	No
59	GOM_NL__2PRFIN20070821_061314_000000432061_00005_28616_9372.N1	21-AUG-2007 06:13:14	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	28616	No
60	GOM_NL__2PRFIN20070821_062004_000000452061_00005_28616_9373.N1	21-AUG-2007 06:20:04	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	28616	No
61	GOM_NL__2PRFIN20070821_063058_000000462061_00006_28617_9367.N1	21-AUG-2007 06:30:58	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28617	No
62	GOM_NL__2PRFIN20070821_063619_000000452061_00006_28617_9368.N1	21-AUG-2007 06:36:19	Straylight	44.500	148	Alp Tuc	2.8780	4100.0	89	28617	No
63	GOM_NL__2PRFIN20070821_063955_000000492061_00006_28617_9369.N1	21-AUG-2007 06:39:55	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	28617	No
64	GOM_NL__2PRFIN20070821_064250_000000392061_00006_28617_9370.N1	21-AUG-2007 06:42:50	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	28617	No
65	GOM_NL__2PRFIN20070821_065711_000000372061_00006_28617_9371.N1	21-AUG-2007 06:57:11	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	28617	No
66	GOM_NL__2PRFIN20070821_070409_000000392061_00006_28617_9372.N1	21-AUG-2007 07:04:09	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	28617	No
67	GOM_NL__2PRFIN20070821_070550_000000382061_00006_28617_9373.N1	21-AUG-2007 07:05:50	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	28617	No
68	GOM_NL__2PRFIN20070821_070715_000000352061_00006_28617_9374.N1	21-AUG-2007 07:07:15	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	28617	No
69	GOM_NL__2PRFIN20070821_071237_000000392061_00006_28617_9375.N1	21-AUG-2007 07:12:37	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	28617	No
70	GOM_NL__2PRFIN20070821_071954_000000362061_00006_28617_9376.N1	21-AUG-2007 07:19:54	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28617	No
71	GOM_NL__2PRFIN20070821_073854_000000402061_00006_28617_9377.N1	21-AUG-2007 07:38:54	Bright	40.000	170	27Eps Gem	3.0000	9700.0	80	28617	No
72	GOM_NL__2PRFIN20070821_074136_000000442061_00006_28617_9378.N1	21-AUG-2007 07:41:36	Tw_i_and_stray	43.500	44	24Gam Gem	1.9280	11000.	87	28617	No
73	GOM_NL__2PRFIN20070821_075050_000000492061_00006_28617_9379.N1	21-AUG-2007 07:50:50	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	28617	No
74	GOM_NL__2PRFIN20070821_075222_000000392061_00006_28617_9380.N1	21-AUG-2007 07:52:22	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	28617	No
75	GOM_NL__2PRFIN20070821_075350_000000372061_00006_28617_9381.N1	21-AUG-2007 07:53:50	Dark	37.000	23	21Eps CMa	1.5020	26000.	74	28617	No
76	GOM_NL__2PRFIN20070821_080040_000000432061_00006_28617_9382.N1	21-AUG-2007 08:00:40	Dark	42.500	2	Alp Car	-0.73600	7000.0	85	28617	No
77	GOM_NL__2PRFIN20070821_081135_000000552061_00007_28618_9389.N1	21-AUG-2007 08:11:35	Dark	54.500	9	Alp Eri	0.45300	24000.	109	28618	No
78	GOM_NL__2PRFIN20070821_081655_000000402061_00007_28618_9390.N1	21-AUG-2007 08:16:55	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28618	No
79	GOM_NL__2PRFIN20070821_082031_000000432061_00007_28618_9391.N1	21-AUG-2007 08:20:31	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	28618	No
80	GOM_NL__2PRFIN20070821_082327_000000402061_00007_28618_9392.N1	21-AUG-2007 08:23:27	Straylight	39.500	172	Gam Gru	3.0030	13100.	79	28618	No
81	GOM_NL__2PRFIN20070821_083747_000000362061_00007_28618_9393.N1	21-AUG-2007 08:37:47	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28618	No
82	GOM_NL__2PRFIN20070821_084444_000000382061_00007_28618_9394.N1	21-AUG-2007 08:44:44	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	28618	No
83	GOM_NL__2PRFIN20070821_084625_000000372061_00007_28618_9395.N1	21-AUG-2007 08:46:25	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28618	No
84	GOM_NL__2PRFIN20070821_084751_000000352061_00007_28618_9396.N1	21-AUG-2007 08:47:51	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	28618	No
85	GOM_NL__2PRFIN20070821_085313_000000372061_00007_28618_9397.N1	21-AUG-2007 08:53:13	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28618	No
86	GOM_NL__2PRFIN20070821_090029_000000332061_00007_28618_9398.N1	21-AUG-2007 09:00:29	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	28618	No
87	GOM_NL__2PRFIN20070821_091930_000000412061_00007_28618_9399.N1	21-AUG-2007 09:19:30	Bright	41.000	170	27Eps Gem	3.0000	9700.0	82	28618	No
88	GOM_NL__2PRFIN20070821_092212_000000442061_00007_28618_9400.N1	21-AUG-2007 09:22:12	Tw_i_and_stray	43.500	44	24Gam Gem	1.9280	11000.	87	28618	No
89	GOM_NL__2PRFIN20070821_093126_000000442061_00007_28618_9401.N1	21-AUG-2007 09:31:26	Dark	44.000	1	9Alp CMa	-1.4400	11000.	88	28618	No
90	GOM_NL__2PRFIN20070821_093259_000000362061_00007_28618_9402.N1	21-AUG-2007 09:32:59	Dark	36.000	179	24Omi2CMa	3.0320	24000.	72	28618	No
91	GOM_NL__2PRFIN20070821_093426_000000402061_00007_28618_9403.N1	21-AUG-2007 09:34:26	Dark	40.000	23	21Eps CMa	1.5020	26000.	80	28618	No
92	GOM_NL__2PRFIN20070821_094116_000000482061_00007_28618_9404.N1	21-AUG-2007 09:41:16	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	28618	No
93	GOM_NL__2PRFIN20070821_095211_000000462061_00008_28619_9426.N1	21-AUG-2007 09:52:11	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28619	No
94	GOM_NL__2PRFIN20070821_095731_000000412061_00008_28619_9427.N1	21-AUG-2007 09:57:31	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	28619	No
95	GOM_NL__2PRFIN20070821_100107_000000392061_00008_28619_9428.N1	21-AUG-2007 10:01:07	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	28619	No
96	GOM_NL__2PRFIN20070821_100403_000000402061_00008_28619_9429.N1	21-AUG-2007 10:04:03	Straylight	40.000	172	Gam Gru	3.0030	13100.	80	28619	No
97	GOM_NL__2PRFIN20070821_101823_000000372061_00008_28619_9430.N1	21-AUG-2007 10:18:23	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	28619	No
98	GOM_NL__2PRFIN20070821_102520_000000382061_00008_28619_9431.N1	21-AUG-2007 10:25:20	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	28619	No
99	GOM_NL__2PRFIN20070821_102701_000000372061_00008_28619_9432.N1	21-AUG-2007 10:27:01	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28619	No
100	GOM_NL__2PRFIN20070821_102827_000000352061_00008_28619_9433.N1	21-AUG-2007 10:28:27	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	28619	No
101	GOM_NL__2PRFIN20070821_103348_000000372061_00008_28619_9434.N1	21-AUG-2007 10:33:48	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28619	No

102	GOM_NL__2PRFIN20070821_104105_000000362061_00008_28619_9435.N1	21-AUG-2007 10:41:05	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28619	No
103	GOM_NL__2PRFIN20070821_110006_000000412061_00008_28619_9436.N1	21-AUG-2007 11:00:06	Bright	40.500	170	27Eps Gem	3.0000	9700.0	81	28619	No
104	GOM_NL__2PRFIN20070821_110248_000000442061_00008_28619_9437.N1	21-AUG-2007 11:02:48	Tw_i_and_stray	43.500	44	24Gam Gem	1.9280	11000.	87	28619	No
105	GOM_NL__2PRFIN20070821_111203_000000502061_00008_28619_9438.N1	21-AUG-2007 11:12:03	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	28619	No
106	GOM_NL__2PRFIN20070821_111335_000000382061_00008_28619_9439.N1	21-AUG-2007 11:13:35	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	28619	No
107	GOM_NL__2PRFIN20070821_111502_000000402061_00008_28619_9440.N1	21-AUG-2007 11:15:02	Dark	40.000	23	21Eps CMa	1.5020	26000.	80	28619	No
108	GOM_NL__2PRFIN20070821_112152_000000482061_00008_28619_9441.N1	21-AUG-2007 11:21:52	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	28619	No
109	GOM_NL__2PRFIN20070821_113248_000000452061_00009_28620_9442.N1	21-AUG-2007 11:32:48	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28620	No
110	GOM_NL__2PRFIN20070821_113807_000000382061_00009_28620_9443.N1	21-AUG-2007 11:38:07	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	28620	No
111	GOM_NL__2PRFIN20070821_114143_000000412061_00009_28620_9444.N1	21-AUG-2007 11:41:43	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	28620	No
112	GOM_NL__2PRFIN20070821_114439_000000382061_00009_28620_9445.N1	21-AUG-2007 11:44:39	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	28620	No
113	GOM_NL__2PRFIN20070821_115859_000000372061_00009_28620_9446.N1	21-AUG-2007 11:58:59	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	28620	No
114	GOM_NL__2PRFIN20070821_120556_000000352061_00009_28620_9447.N1	21-AUG-2007 12:05:56	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	28620	No
115	GOM_NL__2PRFIN20070821_120737_000000372061_00009_28620_9448.N1	21-AUG-2007 12:07:37	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	28620	No
116	GOM_NL__2PRFIN20070821_120903_000000342061_00009_28620_9449.N1	21-AUG-2007 12:09:03	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	28620	No
117	GOM_NL__2PRFIN20070821_121424_000000382061_00009_28620_9450.N1	21-AUG-2007 12:14:24	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	28620	No
118	GOM_NL__2PRFIN20070821_122141_000000362061_00009_28620_9451.N1	21-AUG-2007 12:21:41	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28620	No
119	GOM_NL__2PRFIN20070821_124042_000000402061_00009_28620_9452.N1	21-AUG-2007 12:40:42	Bright	39.500	170	27Eps Gem	3.0000	9700.0	79	28620	No
120	GOM_NL__2PRFIN20070821_124324_000000432061_00009_28620_9453.N1	21-AUG-2007 12:43:24	Tw_i_and_stray	43.000	44	24Gam Gem	1.9280	11000.	86	28620	No
121	GOM_NL__2PRFIN20070821_125239_000000502061_00009_28620_9454.N1	21-AUG-2007 12:52:39	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	28620	No
122	GOM_NL__2PRFIN20070821_125411_000000402061_00009_28620_9455.N1	21-AUG-2007 12:54:11	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	28620	No
123	GOM_NL__2PRFIN20070821_125538_000000432061_00009_28620_9456.N1	21-AUG-2007 12:55:38	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	28620	No
124	GOM_NL__2PRFIN20070821_125652_000000412061_00009_28620_9457.N1	21-AUG-2007 12:56:52	Dark	41.000	177	1Zet CMa	3.0220	26000.	82	28620	No
125	GOM_NL__2PRFIN20070821_130229_000000442061_00009_28620_9458.N1	21-AUG-2007 13:02:29	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	28620	No
126	GOM_NL__2PRFIN20070821_131324_000000462061_00010_28621_9474.N1	21-AUG-2007 13:13:24	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28621	No
127	GOM_NL__2PRFIN20070821_131844_000000382061_00010_28621_9475.N1	21-AUG-2007 13:18:44	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	28621	No
128	GOM_NL__2PRFIN20070821_132220_000000392061_00010_28621_9476.N1	21-AUG-2007 13:22:20	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	28621	No
129	GOM_NL__2PRFIN20070821_132515_000000382061_00010_28621_9477.N1	21-AUG-2007 13:25:15	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	28621	No
130	GOM_NL__2PRFIN20070821_133935_000000382061_00010_28621_9478.N1	21-AUG-2007 13:39:35	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	28621	No
131	GOM_NL__2PRFIN20070821_134632_000000382061_00010_28621_9479.N1	21-AUG-2007 13:46:32	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	28621	No
132	GOM_NL__2PRFIN20070821_134813_000000372061_00010_28621_9480.N1	21-AUG-2007 13:48:13	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28621	No
133	GOM_NL__2PRFIN20070821_134939_000000342061_00010_28621_9481.N1	21-AUG-2007 13:49:39	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	28621	No
134	GOM_NL__2PRFIN20070821_135459_000000362061_00010_28621_9482.N1	21-AUG-2007 13:54:59	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28621	No
135	GOM_NL__2PRFIN20070821_140217_000000332061_00010_28621_9483.N1	21-AUG-2007 14:02:17	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	28621	No
136	GOM_NL__2PRFIN20070821_142119_000000392061_00010_28621_9484.N1	21-AUG-2007 14:21:19	Bright	38.500	170	27Eps Gem	3.0000	9700.0	77	28621	No
137	GOM_NL__2PRFIN20070821_142400_000000392061_00010_28621_9485.N1	21-AUG-2007 14:24:00	Tw_i_and_stray	38.500	44	24Gam Gem	1.9280	11000.	77	28621	No
138	GOM_NL__2PRFIN20070821_143315_000000492061_00010_28621_9486.N1	21-AUG-2007 14:33:15	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	28621	No
139	GOM_NL__2PRFIN20070821_143447_000000362061_00010_28621_9487.N1	21-AUG-2007 14:34:47	Dark	36.000	179	24Omi2CMa	3.0320	24000.	72	28621	No
140	GOM_NL__2PRFIN20070821_143615_000000432061_00010_28621_9488.N1	21-AUG-2007 14:36:15	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	28621	No
141	GOM_NL__2PRFIN20070821_143728_000000392061_00010_28621_9489.N1	21-AUG-2007 14:37:28	Dark	39.000	177	1Zet CMa	3.0220	26000.	78	28621	No
142	GOM_NL__2PRFIN20070821_144305_000000522061_00010_28621_9490.N1	21-AUG-2007 14:43:05	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	28621	No
143	GOM_NL__2PRFIN20070821_145401_000000452061_00011_28622_9483.N1	21-AUG-2007 14:54:01	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28622	No
144	GOM_NL__2PRFIN20070821_145920_000000382061_00011_28622_9484.N1	21-AUG-2007 14:59:20	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	28622	No
145	GOM_NL__2PRFIN20070821_150256_000000462061_00011_28622_9485.N1	21-AUG-2007 15:02:56	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	28622	No
146	GOM_NL__2PRFIN20070821_150551_000000382061_00011_28622_9486.N1	21-AUG-2007 15:05:51	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	28622	No
147	GOM_NL__2PRFIN20070821_152011_000000362061_00011_28622_9487.N1	21-AUG-2007 15:20:11	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	28622	No
148	GOM_NL__2PRFIN20070821_152708_000000402061_00011_28622_9488.N1	21-AUG-2007 15:27:08	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	28622	No
149	GOM_NL__2PRFIN20070821_152849_000000382061_00011_28622_9489.N1	21-AUG-2007 15:28:49	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	28622	No
150	GOM_NL__2PRFIN20070821_153015_000000342061_00011_28622_9490.N1	21-AUG-2007 15:30:15	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	28622	No
151	GOM_NL__2PRFIN20070821_153535_000000352061_00011_28622_9491.N1	21-AUG-2007 15:35:35	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	28622	No
152	GOM_NL__2PRFIN20070821_154253_000000362061_00011_28622_9492.N1	21-AUG-2007 15:42:53	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28622	No
153	GOM_NL__2PRFIN20070821_160155_000000422061_00011_28622_9493.N1	21-AUG-2007 16:01:55	Bright	42.000	170	27Eps Gem	3.0000	9700.0	84	28622	No
154	GOM_NL__2PRFIN20070821_160437_000000462061_00011_28622_9494.N1	21-AUG-2007 16:04:37	Tw_i_and_stray	46.000	44	24Gam Gem	1.9280	11000.	92	28622	No
155	GOM_NL__2PRFIN20070821_161352_000000472061_00011_28622_9495.N1	21-AUG-2007 16:13:52	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	28622	No
156	GOM_NL__2PRFIN20070821_161523_000000382061_00011_28622_9496.N1	21-AUG-2007 16:15:23	Dark	37.500	179	24Omi2CMa	3.0320	24000.	75	28622	No
157	GOM_NL__2PRFIN20070821_161651_000000422061_00011_28622_9497.N1	21-AUG-2007 16:16:51	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	28622	No
158	GOM_NL__2PRFIN20070821_161805_000000382061_00011_28622_9498.N1	21-AUG-2007 16:18:05	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	28622	No
159	GOM_NL__2PRFIN20070821_162341_000000522061_00011_28622_9499.N1	21-AUG-2007 16:23:41	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	28622	No
160	GOM_NL__2PRFIN20070821_163437_000000452061_00012_28623_9503.N1	21-AUG-2007 16:34:37	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28623	No

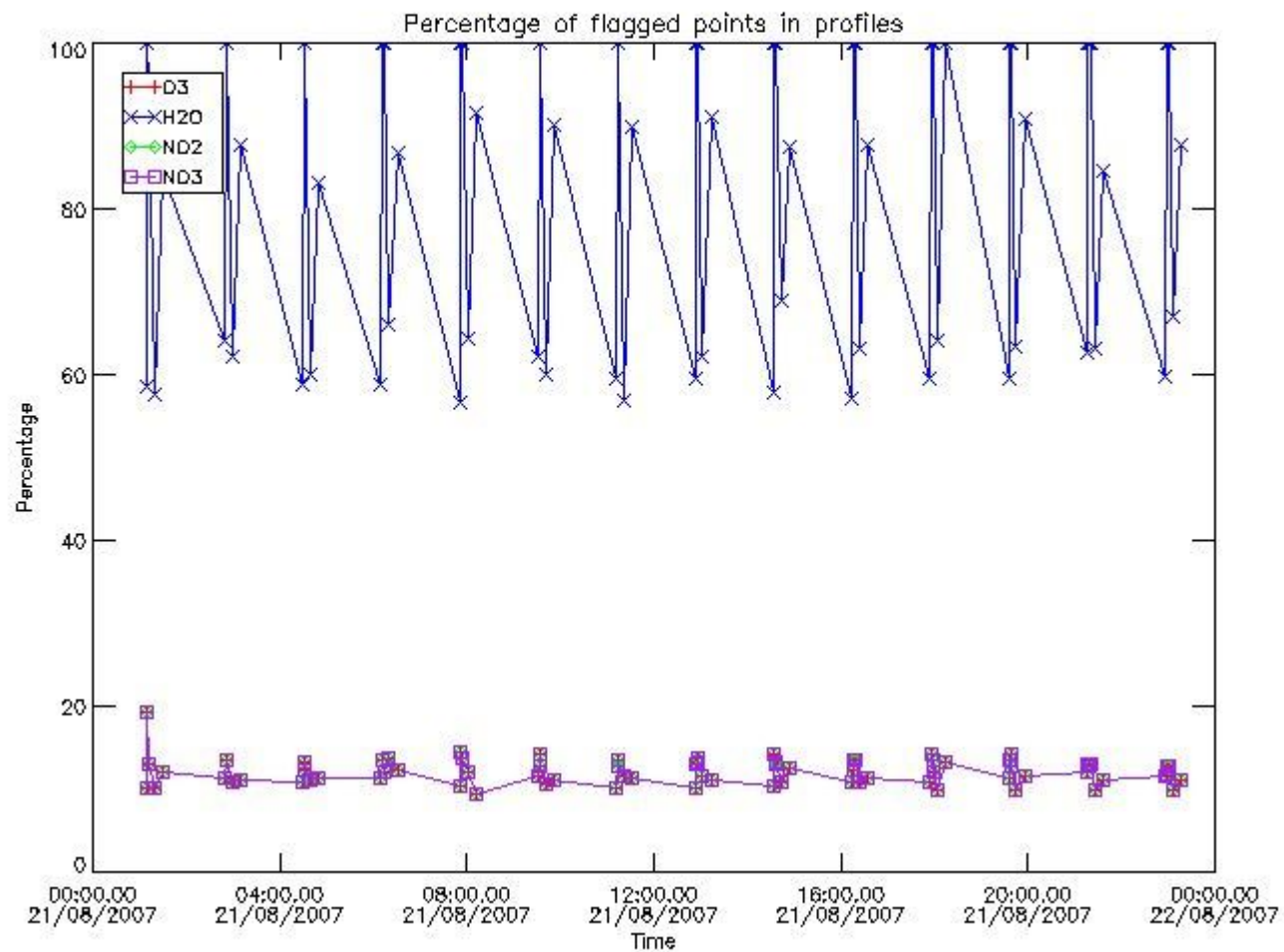
161	GOM_NL__2PRFIN20070821_163956_000000412061_00012_28623_9504.N1	21-AUG-2007 16:39:56	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28623	No
162	GOM_NL__2PRFIN20070821_164332_000000392061_00012_28623_9505.N1	21-AUG-2007 16:43:32	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	28623	No
163	GOM_NL__2PRFIN20070821_164627_000000412061_00012_28623_9506.N1	21-AUG-2007 16:46:27	Straylight	40.500	172	Gam Gru	3.0030	13100.	81	28623	No
164	GOM_NL__2PRFIN20070821_170048_000000362061_00012_28623_9507.N1	21-AUG-2007 17:00:48	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28623	No
165	GOM_NL__2PRFIN20070821_170743_000000362061_00012_28623_9508.N1	21-AUG-2007 17:07:43	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	28623	No
166	GOM_NL__2PRFIN20070821_170925_000000382061_00012_28623_9509.N1	21-AUG-2007 17:09:25	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	28623	No
167	GOM_NL__2PRFIN20070821_171051_000000352061_00012_28623_9510.N1	21-AUG-2007 17:10:51	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	28623	No
168	GOM_NL__2PRFIN20070821_171611_000000382061_00012_28623_9511.N1	21-AUG-2007 17:16:11	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	28623	No
169	GOM_NL__2PRFIN20070821_172329_000000362061_00012_28623_9512.N1	21-AUG-2007 17:23:29	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28623	No
170	GOM_NL__2PRFIN20070821_174231_000000402061_00012_28623_9513.N1	21-AUG-2007 17:42:31	Bright	39.500	170	27Eps Gem	3.0000	9700.0	79	28623	No
171	GOM_NL__2PRFIN20070821_174513_000000452061_00012_28623_9514.N1	21-AUG-2007 17:45:13	Tw_i_and_stray	45.000	44	24Gam Gem	1.9280	11000.	90	28623	No
172	GOM_NL__2PRFIN20070821_175428_000000482061_00012_28623_9515.N1	21-AUG-2007 17:54:28	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	28623	No
173	GOM_NL__2PRFIN20070821_175600_000000402061_00012_28623_9516.N1	21-AUG-2007 17:56:00	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	28623	No
174	GOM_NL__2PRFIN20070821_175727_000000422061_00012_28623_9517.N1	21-AUG-2007 17:57:27	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	28623	No
175	GOM_NL__2PRFIN20070821_175841_000000382061_00012_28623_9518.N1	21-AUG-2007 17:58:41	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	28623	No
176	GOM_NL__2PRFIN20070821_180417_000000522061_00012_28623_9519.N1	21-AUG-2007 18:04:17	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	28623	No
177	GOM_NL__2PRFIN20070821_181514_000000422061_00013_28624_9510.N1	21-AUG-2007 18:15:14	Dark	42.000	9	Alp Eri	0.45300	24000.	84	28624	No
178	GOM_NL__2PRFIN20070821_182032_000000382061_00013_28624_9511.N1	21-AUG-2007 18:20:32	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	28624	No
179	GOM_NL__2PRFIN20070821_182409_000000432061_00013_28624_9512.N1	21-AUG-2007 18:24:09	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	28624	No
180	GOM_NL__2PRFIN20070821_182704_000000432061_00013_28624_9513.N1	21-AUG-2007 18:27:04	Straylight	42.500	172	Gam Gru	3.0030	13100.	85	28624	No
181	GOM_NL__2PRFIN20070821_184124_000000392061_00013_28624_9514.N1	21-AUG-2007 18:41:24	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	28624	No
182	GOM_NL__2PRFIN20070821_184819_000000382061_00013_28624_9515.N1	21-AUG-2007 18:48:19	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	28624	No
183	GOM_NL__2PRFIN20070821_185001_000000372061_00013_28624_9516.N1	21-AUG-2007 18:50:01	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28624	No
184	GOM_NL__2PRFIN20070821_185127_000000342061_00013_28624_9517.N1	21-AUG-2007 18:51:27	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	28624	No
185	GOM_NL__2PRFIN20070821_185647_000000372061_00013_28624_9518.N1	21-AUG-2007 18:56:47	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28624	No
186	GOM_NL__2PRFIN20070821_190405_000000362061_00013_28624_9519.N1	21-AUG-2007 19:04:05	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28624	No
187	GOM_NL__2PRFIN20070821_192307_000000402061_00013_28624_9520.N1	21-AUG-2007 19:23:07	Bright	40.000	170	27Eps Gem	3.0000	9700.0	80	28624	No
188	GOM_NL__2PRFIN20070821_192549_000000462061_00013_28624_9521.N1	21-AUG-2007 19:25:49	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	28624	No
189	GOM_NL__2PRFIN20070821_193505_000000452061_00013_28624_9522.N1	21-AUG-2007 19:35:05	Dark	45.000	1	9Alp CMa	-1.4400	11000.	90	28624	No
190	GOM_NL__2PRFIN20070821_193636_000000382061_00013_28624_9523.N1	21-AUG-2007 19:36:36	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	28624	No
191	GOM_NL__2PRFIN20070821_193804_000000402061_00013_28624_9524.N1	21-AUG-2007 19:38:04	Dark	39.500	23	21Eps CMa	1.5020	26000.	79	28624	No
192	GOM_NL__2PRFIN20070821_193918_000000402061_00013_28624_9525.N1	21-AUG-2007 19:39:18	Dark	40.000	177	1Zet CMa	3.0220	26000.	80	28624	No
193	GOM_NL__2PRFIN20070821_194454_000000512061_00013_28624_9526.N1	21-AUG-2007 19:44:54	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	28624	No
194	GOM_NL__2PRFIN20070821_195551_000000442061_00014_28625_9531.N1	21-AUG-2007 19:55:51	Dark	44.000	9	Alp Eri	0.45300	24000.	88	28625	No
195	GOM_NL__2PRFIN20070821_200109_000000462061_00014_28625_9532.N1	21-AUG-2007 20:01:09	Straylight	45.500	148	Alp Tuc	2.8780	4100.0	91	28625	No
196	GOM_NL__2PRFIN20070821_200445_000000392061_00014_28625_9533.N1	21-AUG-2007 20:04:45	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	28625	No
197	GOM_NL__2PRFIN20070821_200740_000000392061_00014_28625_9534.N1	21-AUG-2007 20:07:40	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	28625	No
198	GOM_NL__2PRFIN20070821_202200_000000362061_00014_28625_9535.N1	21-AUG-2007 20:22:00	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28625	No
199	GOM_NL__2PRFIN20070821_202855_000000352061_00014_28625_9536.N1	21-AUG-2007 20:28:55	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	28625	No
200	GOM_NL__2PRFIN20070821_203037_000000342061_00014_28625_9537.N1	21-AUG-2007 20:30:37	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	28625	No
201	GOM_NL__2PRFIN20070821_203203_000000342061_00014_28625_9538.N1	21-AUG-2007 20:32:03	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	28625	No
202	GOM_NL__2PRFIN20070821_203722_000000392061_00014_28625_9539.N1	21-AUG-2007 20:37:22	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	28625	No
203	GOM_NL__2PRFIN20070821_204441_000000372061_00014_28625_9540.N1	21-AUG-2007 20:44:41	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28625	No
204	GOM_NL__2PRFIN20070821_210343_000000402061_00014_28625_9541.N1	21-AUG-2007 21:03:43	Bright	40.000	170	27Eps Gem	3.0000	9700.0	80	28625	No
205	GOM_NL__2PRFIN20070821_210626_000000472061_00014_28625_9542.N1	21-AUG-2007 21:06:26	Tw_i_and_stray	46.500	44	24Gam Gem	1.9280	11000.	93	28625	No
206	GOM_NL__2PRFIN20070821_211541_000000422061_00014_28625_9543.N1	21-AUG-2007 21:15:41	Dark	42.000	1	9Alp CMa	-1.4400	11000.	84	28625	No
207	GOM_NL__2PRFIN20070821_211712_000000402061_00014_28625_9544.N1	21-AUG-2007 21:17:12	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	28625	No
208	GOM_NL__2PRFIN20070821_211840_000000442061_00014_28625_9545.N1	21-AUG-2007 21:18:40	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	28625	No
209	GOM_NL__2PRFIN20070821_211954_000000392061_00014_28625_9546.N1	21-AUG-2007 21:19:54	Dark	39.000	177	1Zet CMa	3.0220	26000.	78	28625	No
210	GOM_NL__2PRFIN20070821_212530_000000522061_00014_28625_9547.N1	21-AUG-2007 21:25:30	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	28625	No
211	GOM_NL__2PRFIN20070821_213627_000000462061_00015_28626_9544.N1	21-AUG-2007 21:36:27	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28626	No
212	GOM_NL__2PRFIN20070821_214145_000000452061_00015_28626_9545.N1	21-AUG-2007 21:41:45	Straylight	45.000	148	Alp Tuc	2.8780	4100.0	90	28626	No
213	GOM_NL__2PRFIN20070821_214521_000000412061_00015_28626_9546.N1	21-AUG-2007 21:45:21	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	28626	No
214	GOM_NL__2PRFIN20070821_214816_000000392061_00015_28626_9547.N1	21-AUG-2007 21:48:16	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	28626	No
215	GOM_NL__2PRFIN20070821_220236_000000372061_00015_28626_9548.N1	21-AUG-2007 22:02:36	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	28626	No
216	GOM_NL__2PRFIN20070821_220931_000000382061_00015_28626_9549.N1	21-AUG-2007 22:09:31	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	28626	No
217	GOM_NL__2PRFIN20070821_221113_000000372061_00015_28626_9550.N1	21-AUG-2007 22:11:13	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	28626	No
218	GOM_NL__2PRFIN20070821_221239_000000342061_00015_28626_9551.N1	21-AUG-2007 22:12:39	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	28626	No
219	GOM_NL__2PRFIN20070821_221758_000000382061_00015_28626_9552.N1	21-AUG-2007 22:17:58	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	28626	No

220	GOM_NL__2PRFIN20070821_222517_000000362061_00015_28626_9553.N1	21-AUG-2007 22:25:17	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28626	No
221	GOM_NL__2PRFIN20070821_224419_000000362061_00015_28626_9554.N1	21-AUG-2007 22:44:19	Bright	36.000	170	27Eps Gem	3.0000	9700.0	72	28626	No
222	GOM_NL__2PRFIN20070821_224702_000000462061_00015_28626_9555.N1	21-AUG-2007 22:47:02	Twilight	45.500	44	24Gam Gem	1.9280	11000.	91	28626	No
223	GOM_NL__2PRFIN20070821_225617_000000442061_00015_28626_9556.N1	21-AUG-2007 22:56:17	Dark	44.000	1	9Alp CMa	-1.4400	11000.	88	28626	No
224	GOM_NL__2PRFIN20070821_225748_000000402061_00015_28626_9557.N1	21-AUG-2007 22:57:48	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	28626	No
225	GOM_NL__2PRFIN20070821_225916_000000442061_00015_28626_9558.N1	21-AUG-2007 22:59:16	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	28626	No
226	GOM_NL__2PRFIN20070821_230031_000000402061_00015_28626_9559.N1	21-AUG-2007 23:00:31	Dark	40.000	177	1Zet CMa	3.0220	26000.	80	28626	No
227	GOM_NL__2PRFIN20070821_230606_000000522061_00015_28626_9560.N1	21-AUG-2007 23:06:06	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	28626	No
228	GOM_NL__2PRFIN20070821_231704_000000462061_00016_28627_9554.N1	21-AUG-2007 23:17:04	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28627	No
229	GOM_NL__2PRFIN20070821_232221_000000482061_00016_28627_9555.N1	21-AUG-2007 23:22:21	Straylight	48.000	148	Alp Tuc	2.8780	4100.0	96	28627	No
230	GOM_NL__2PRFIN20070821_232557_000000462061_00016_28627_9556.N1	21-AUG-2007 23:25:57	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	28627	No
231	GOM_NL__2PRFIN20070821_232852_000000382061_00016_28627_9557.N1	21-AUG-2007 23:28:52	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	28627	No
232	GOM_NL__2PRFIN20070821_234312_000000362061_00016_28627_9558.N1	21-AUG-2007 23:43:12	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	28627	No
233	GOM_NL__2PRFIN20070821_235007_000000352061_00016_28627_9559.N1	21-AUG-2007 23:50:07	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	28627	No
234	GOM_NL__2PRFIN20070821_235148_000000342061_00016_28627_9560.N1	21-AUG-2007 23:51:48	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	28627	No
235	GOM_NL__2PRFIN20070821_235315_000000342061_00016_28627_9561.N1	21-AUG-2007 23:53:15	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	28627	No
236	GOM_NL__2PRFIN20070821_235834_000000382061_00016_28627_9562.N1	21-AUG-2007 23:58:34	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	28627	No

### 3. Quality information per product

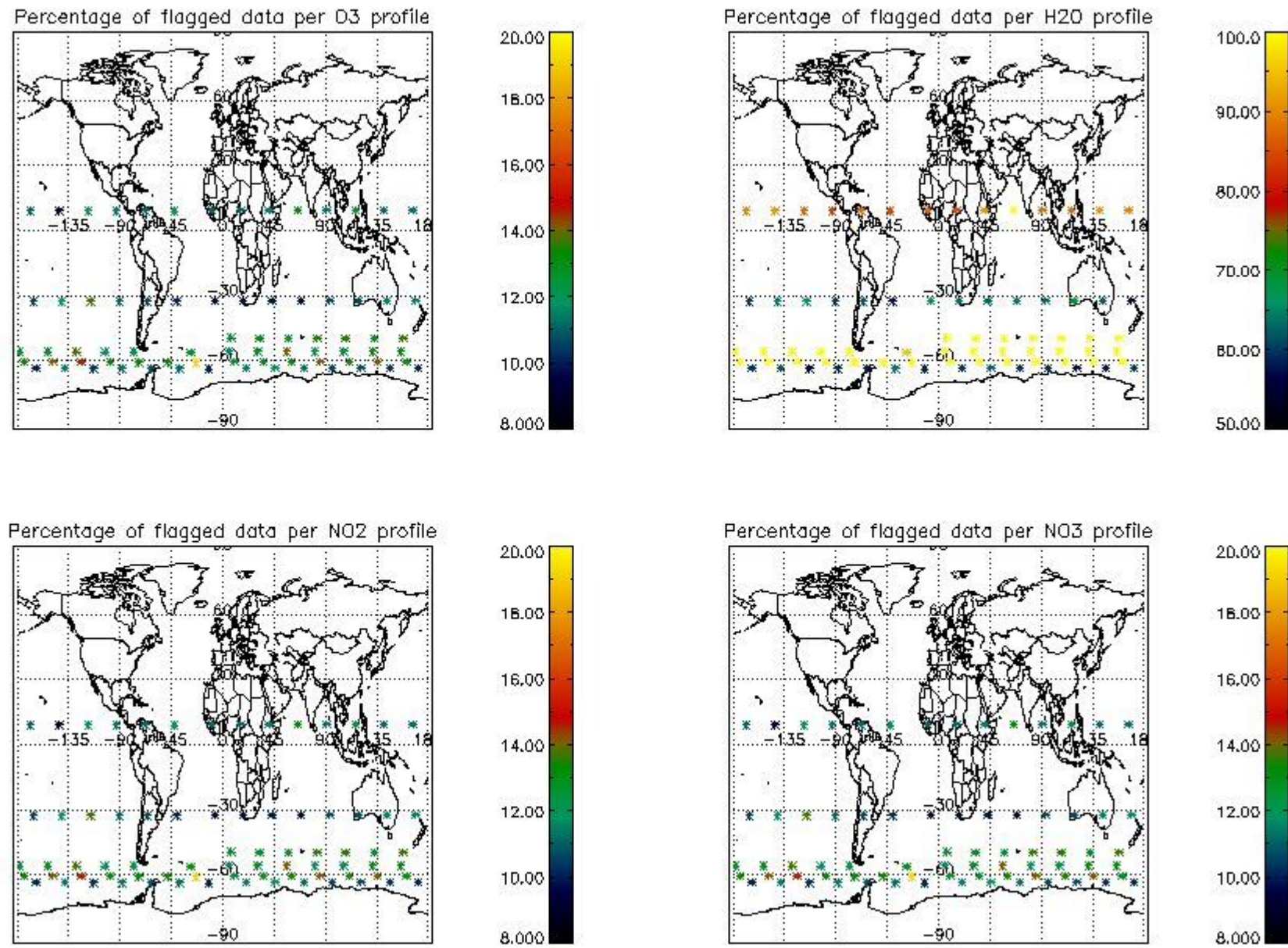
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

#### 3.1 Plot quality information per product (time dependant)





### 3.2 Plot quality information per product (world map)

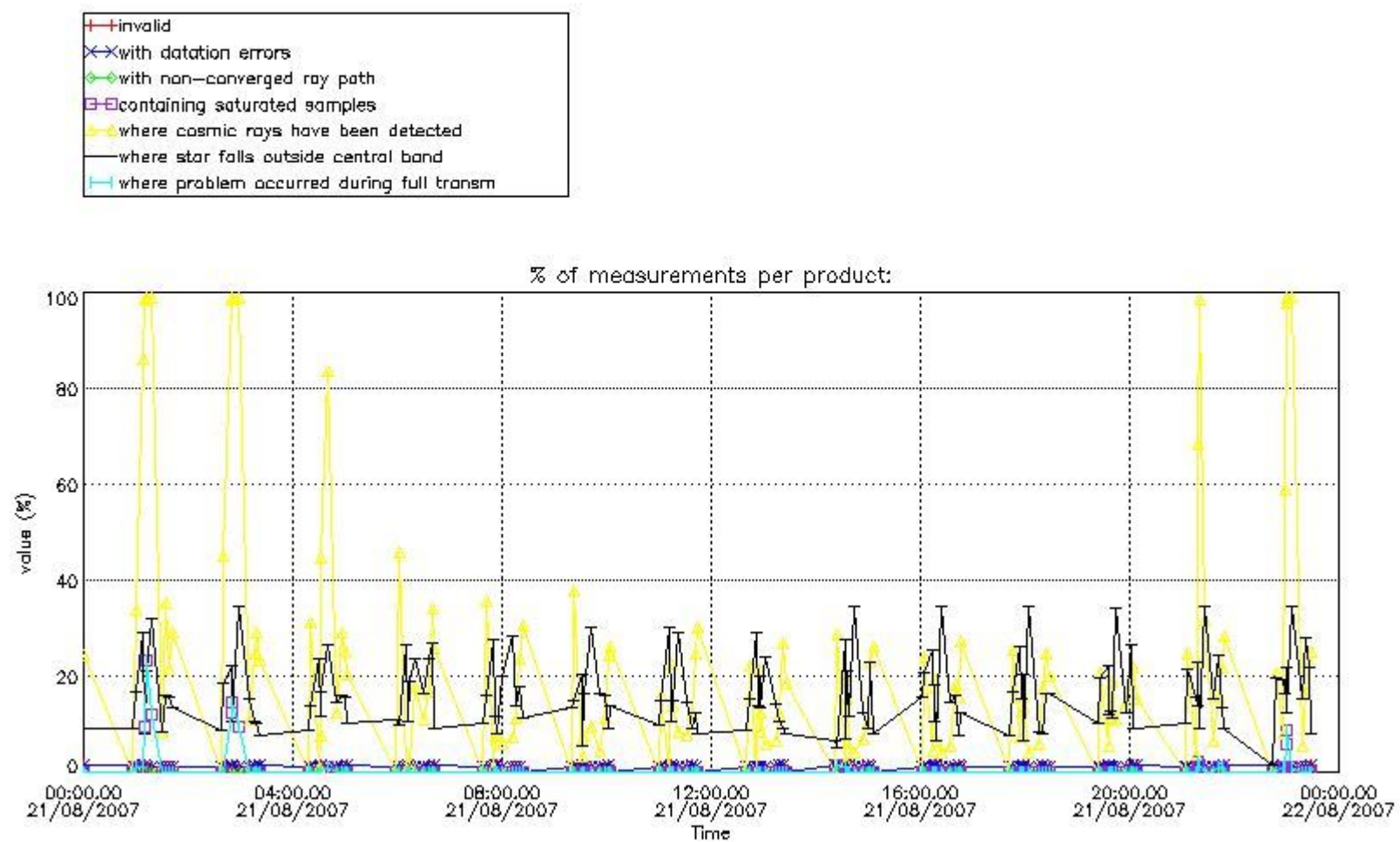


### 4. Level 1 quality information per product

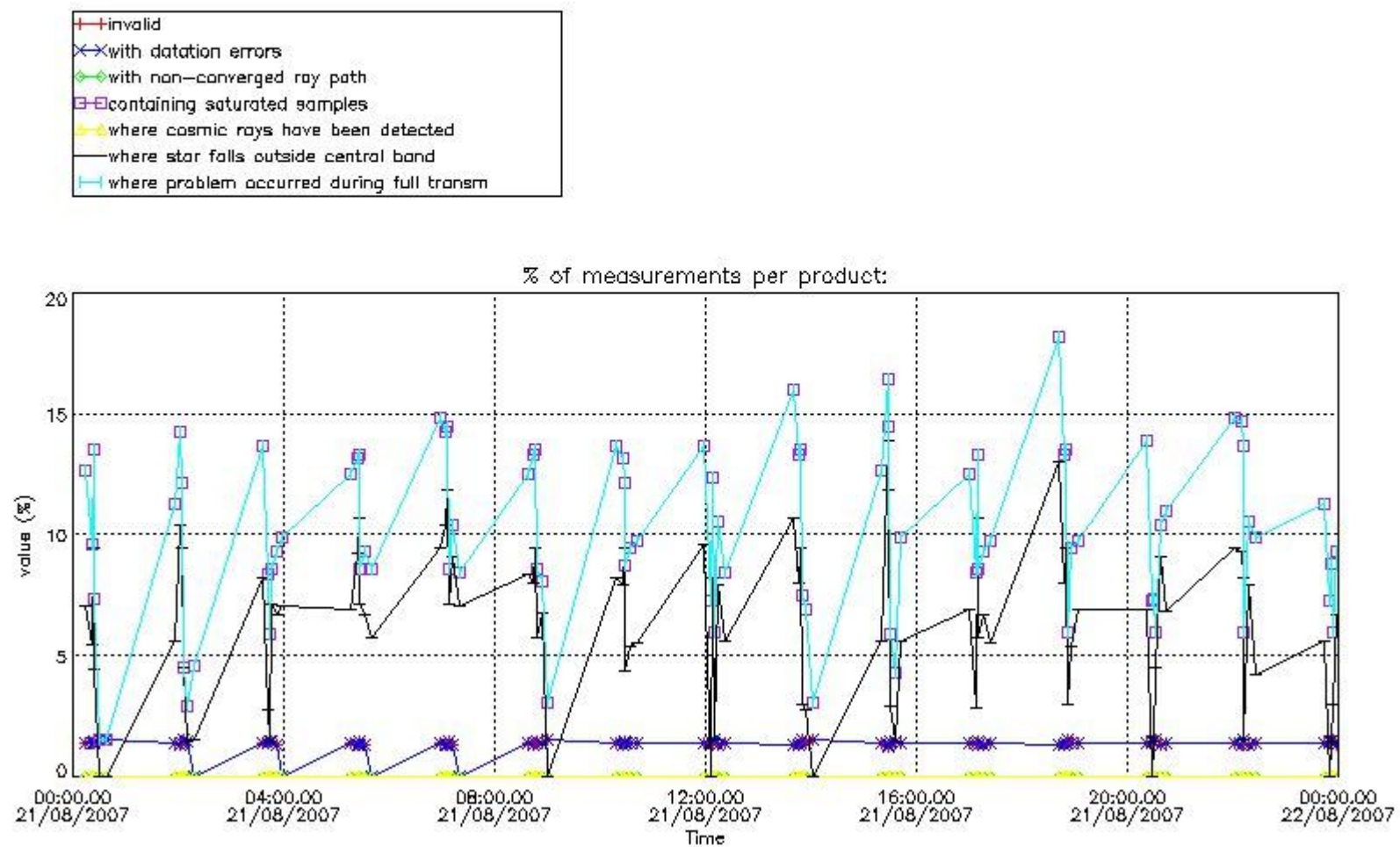
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

#### 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



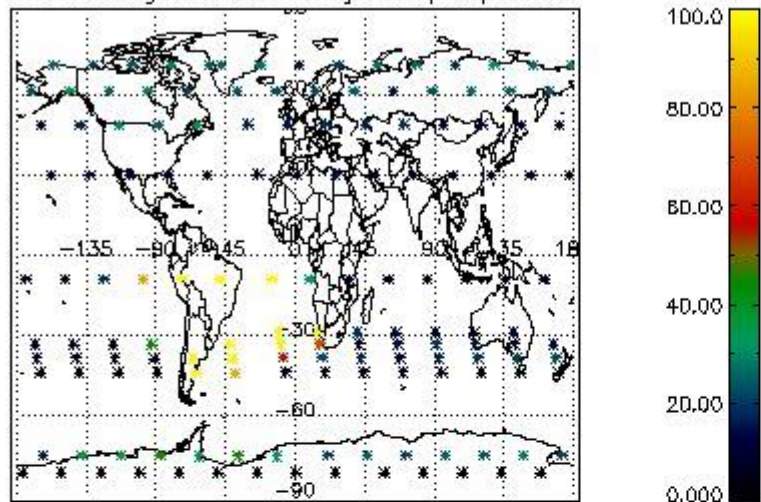
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



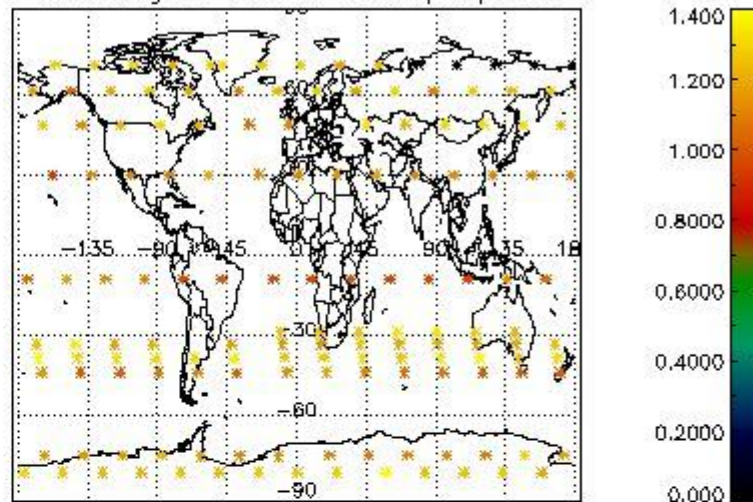
*4.2 Plot quality information per product coming from level 1b processing (world map)*

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

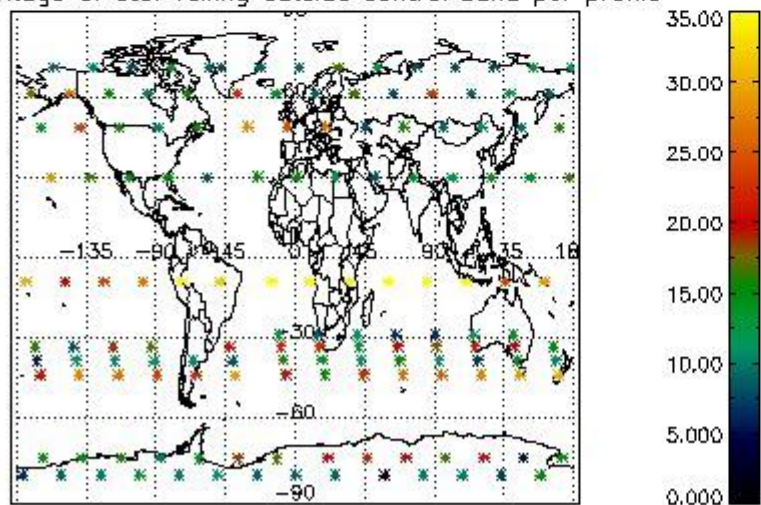
Percentage of cosmic ray hits per profile



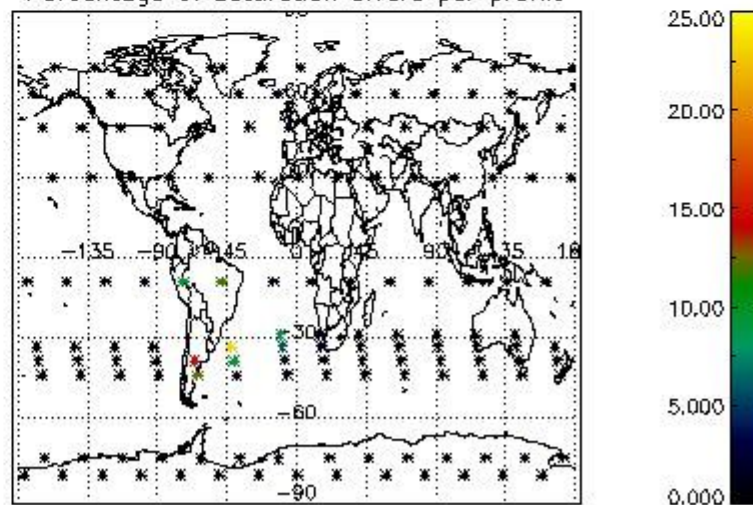
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

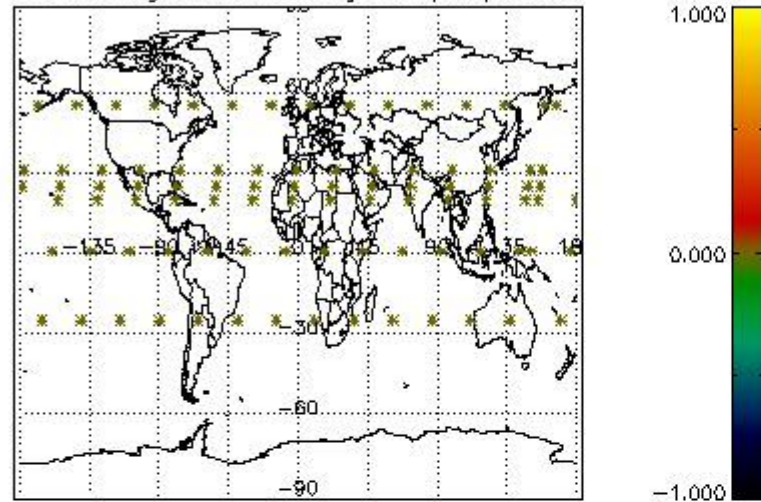


Percentage of saturation errors per profile

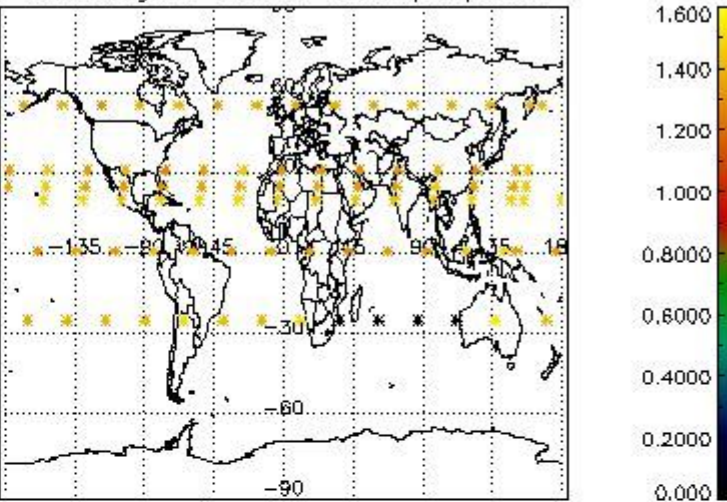


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

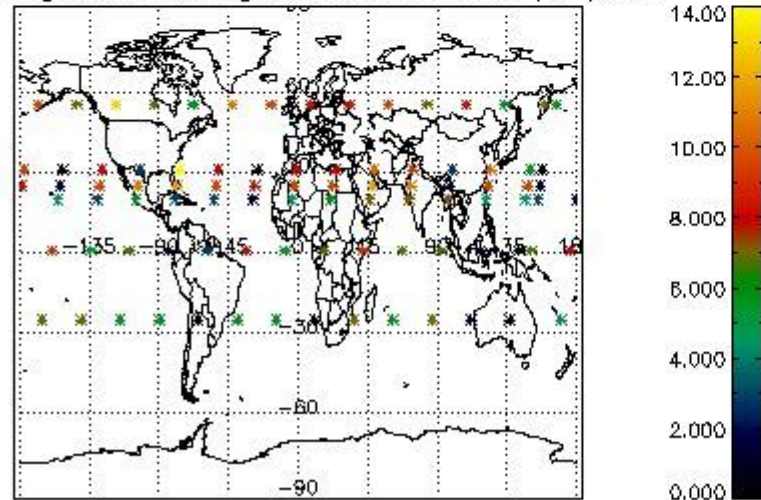
Percentage of cosmic ray hits per profile



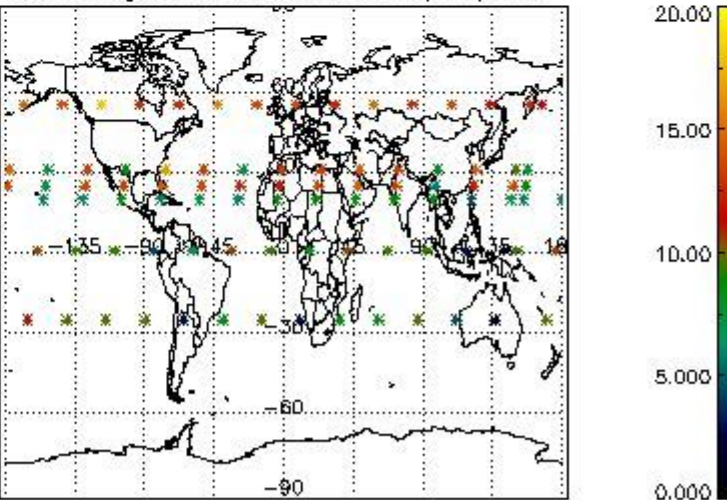
Percentage of datation errors per profile



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

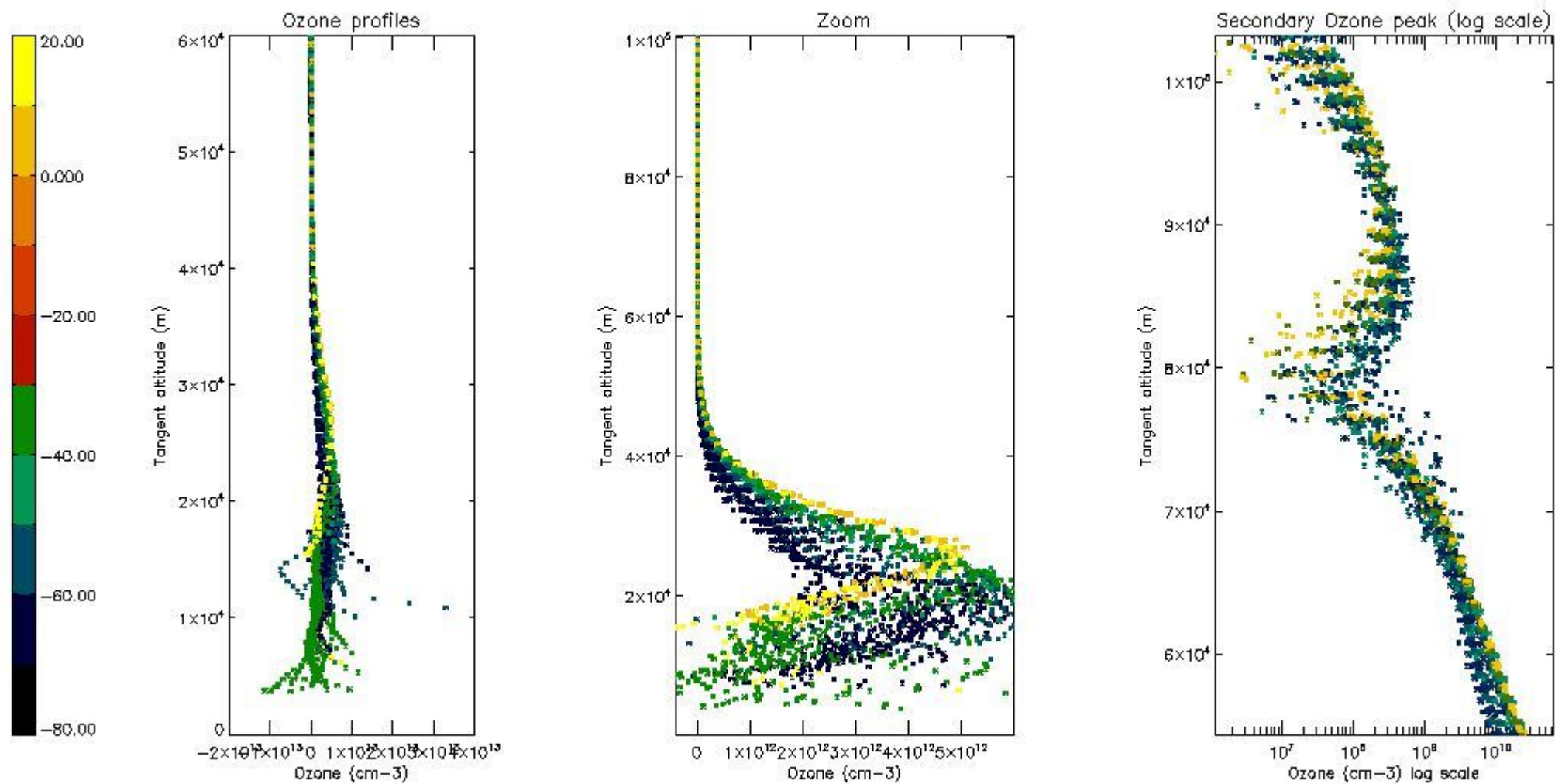
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	36
STD < 20	26

STD < 10	22
STD < 5	18

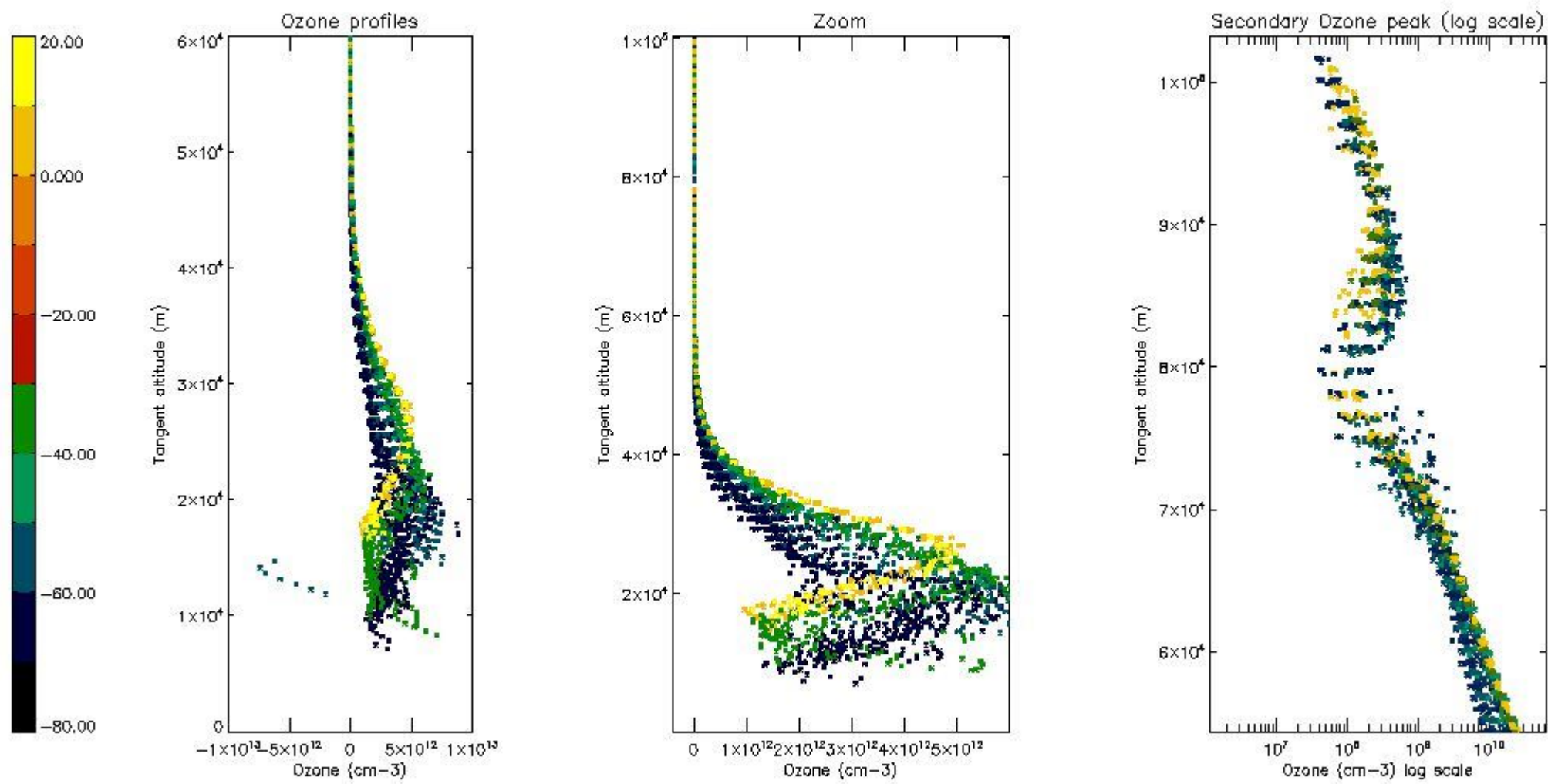
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



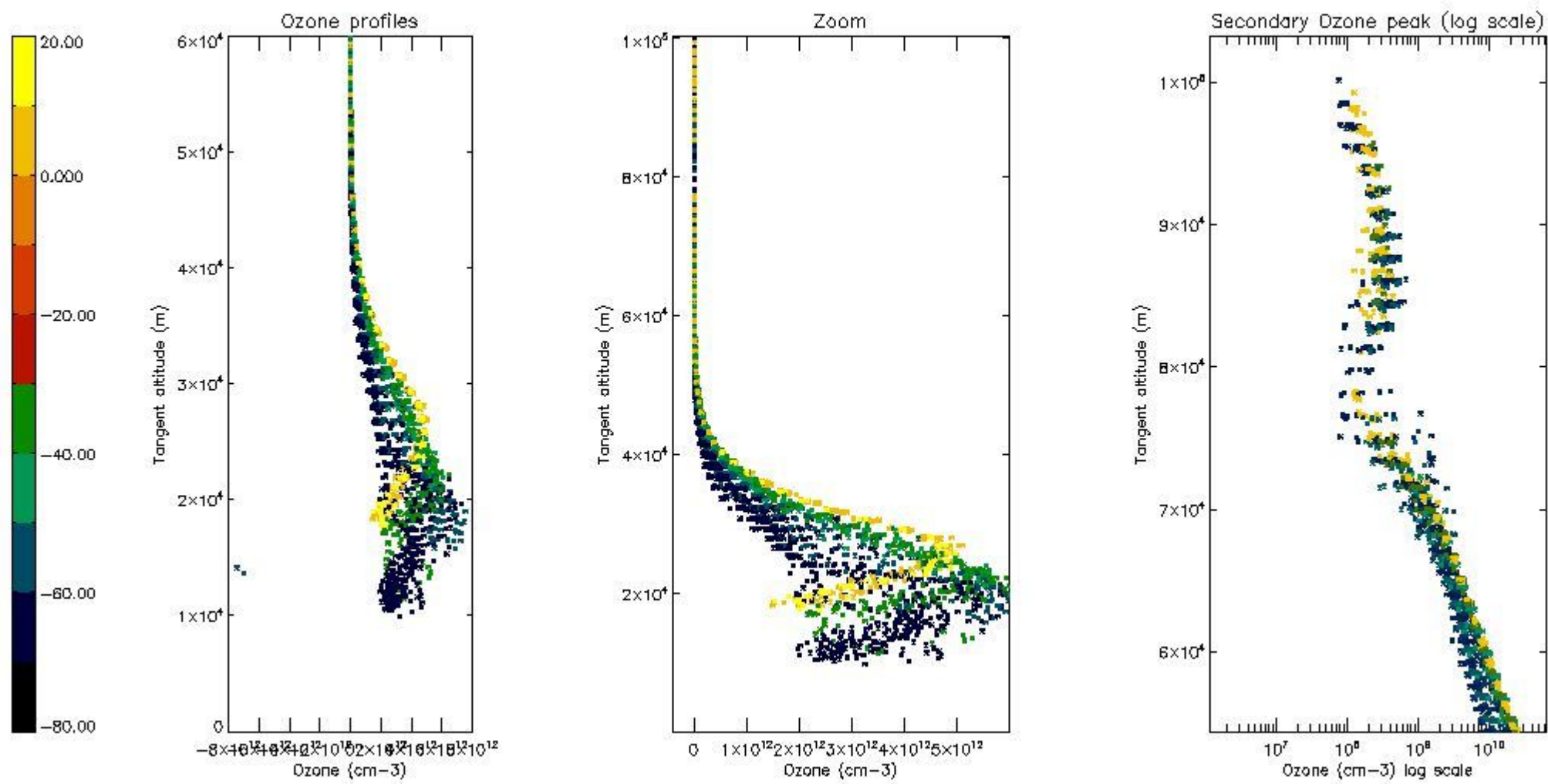
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

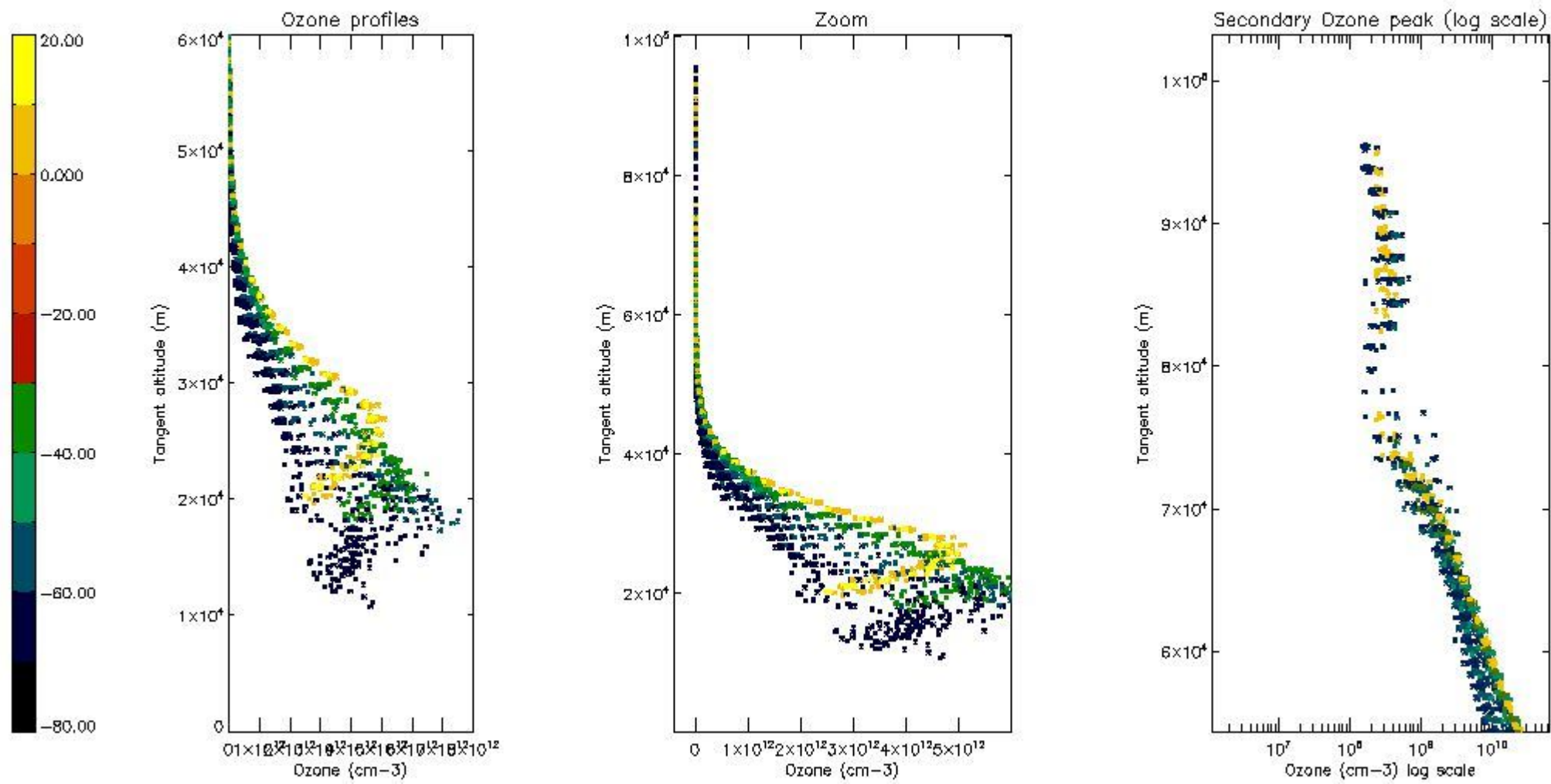
The colorbar represents the latitude.



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

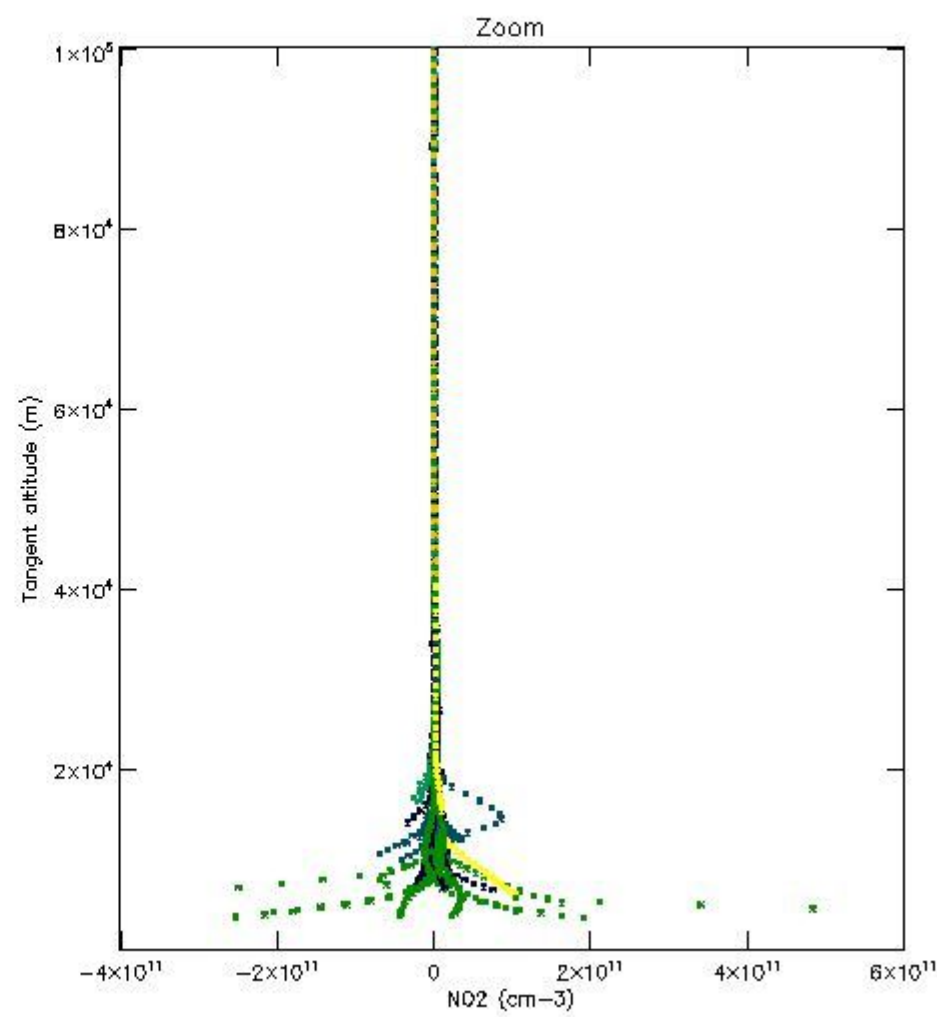
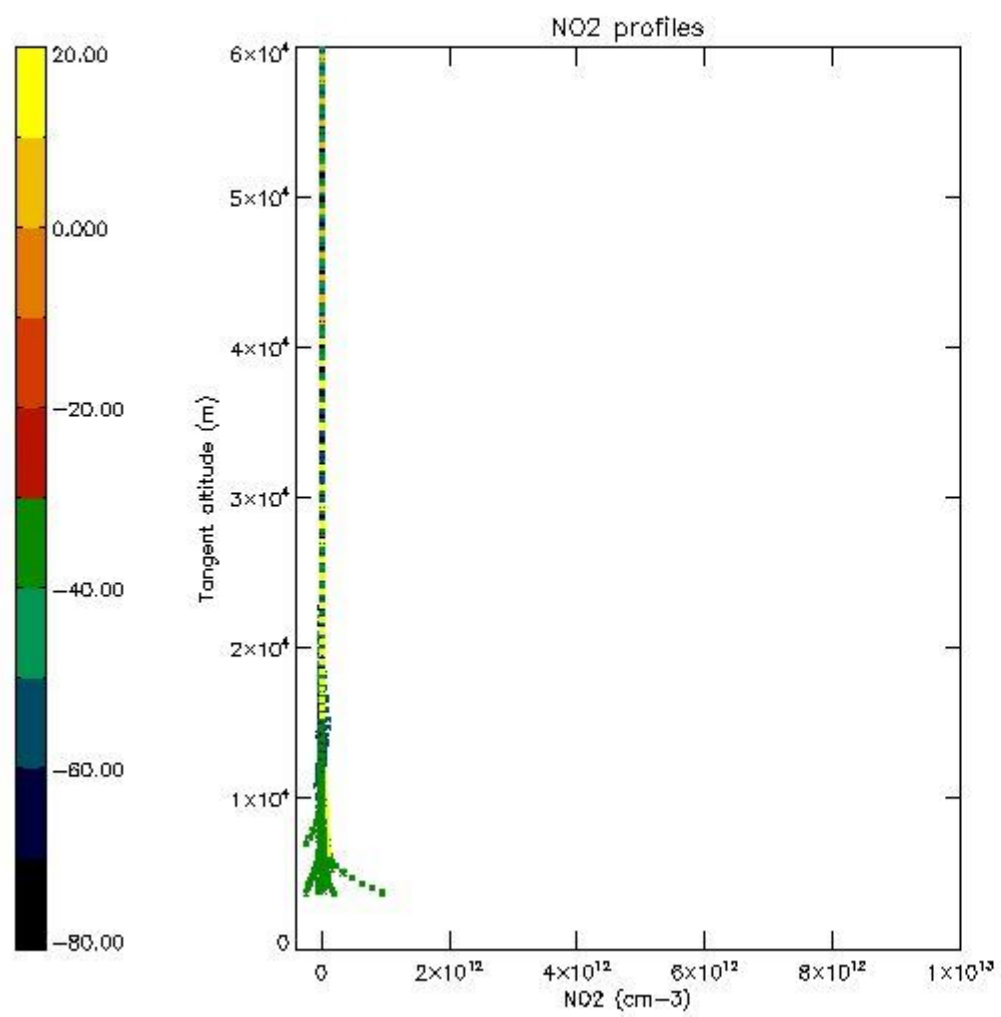
The colorbar represents the latitude.





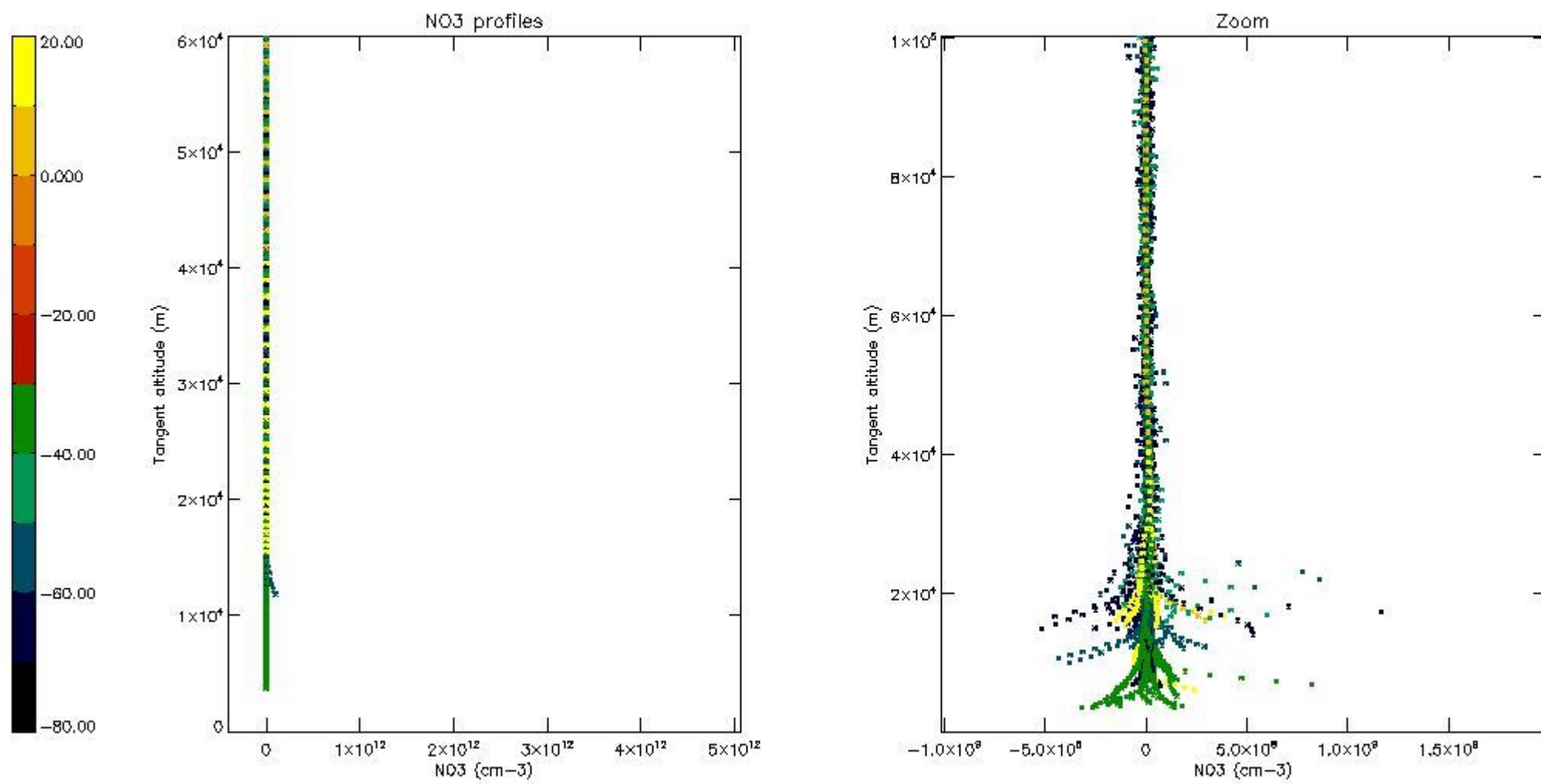
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



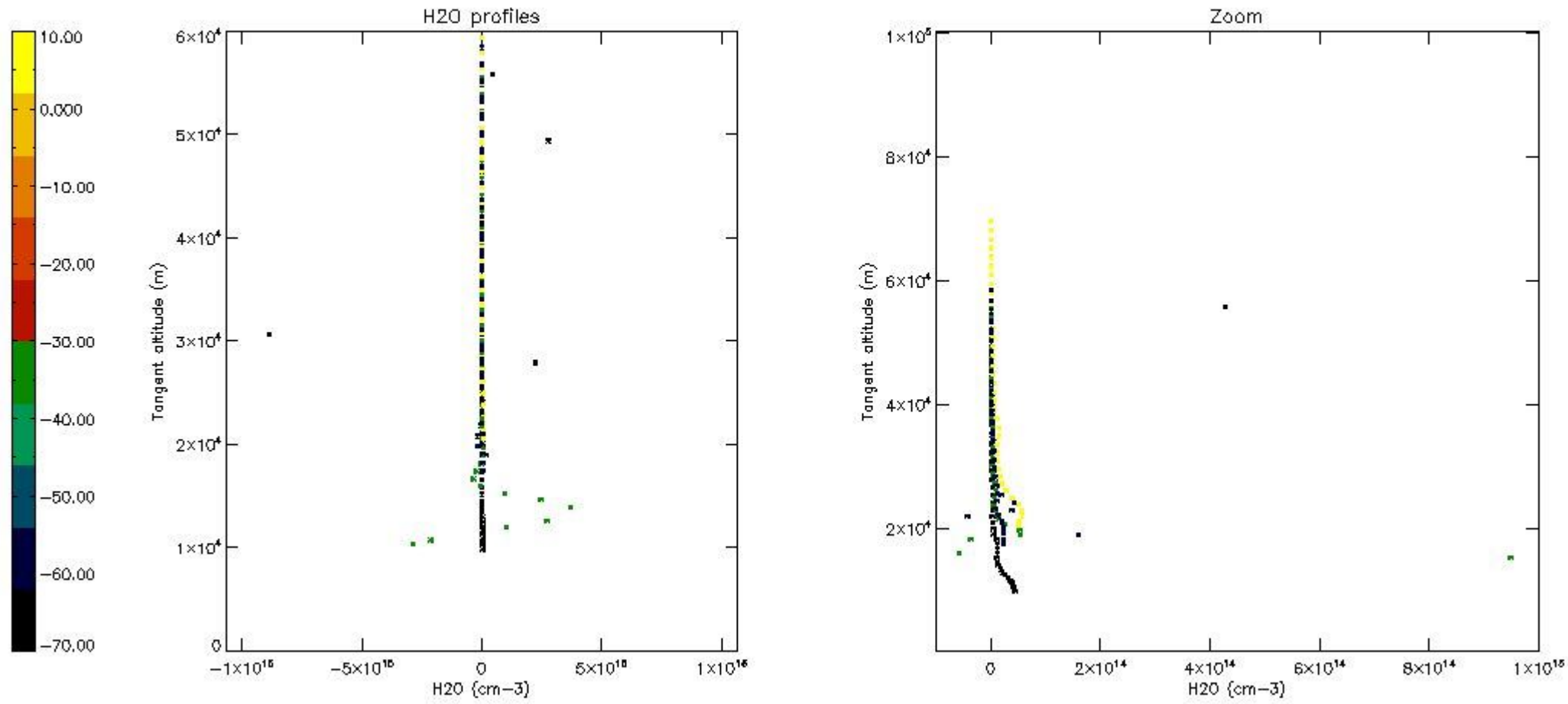
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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)

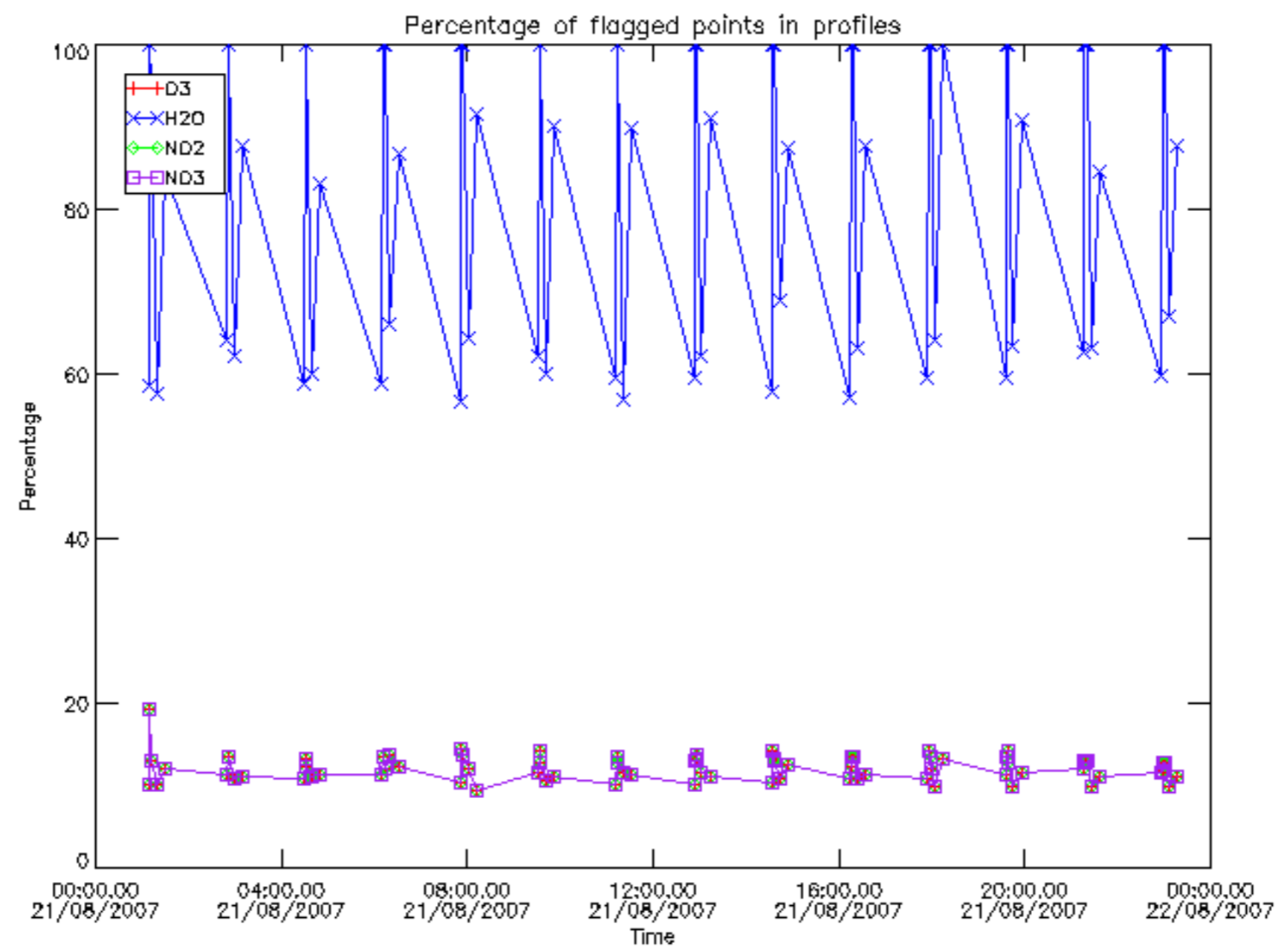
The colorbar represents the latitude.



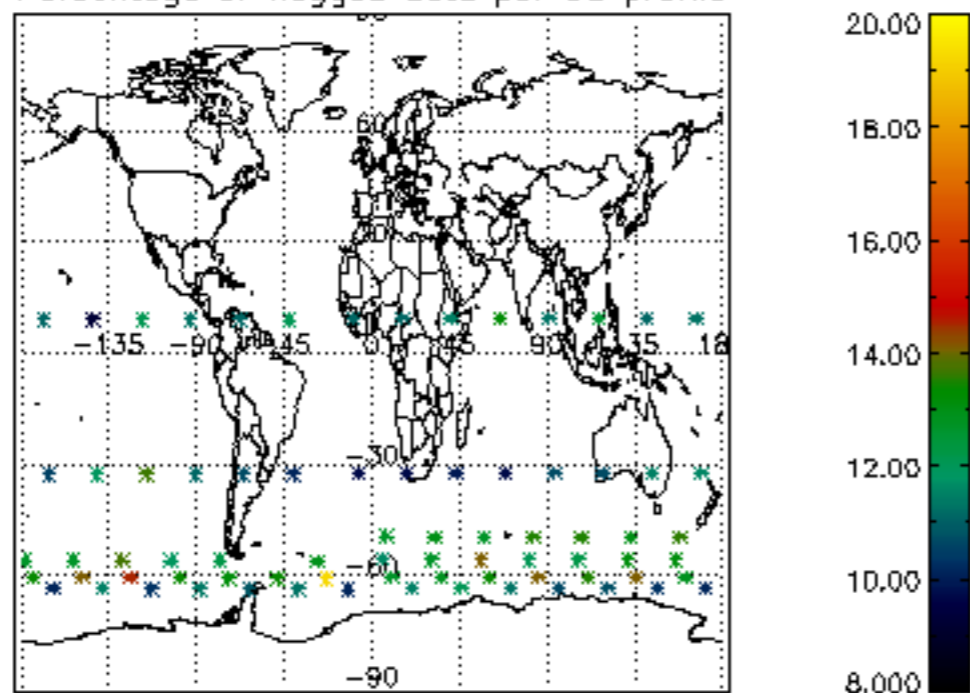
## 6. Auxiliary Data Files used for the production reported in section 2

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.

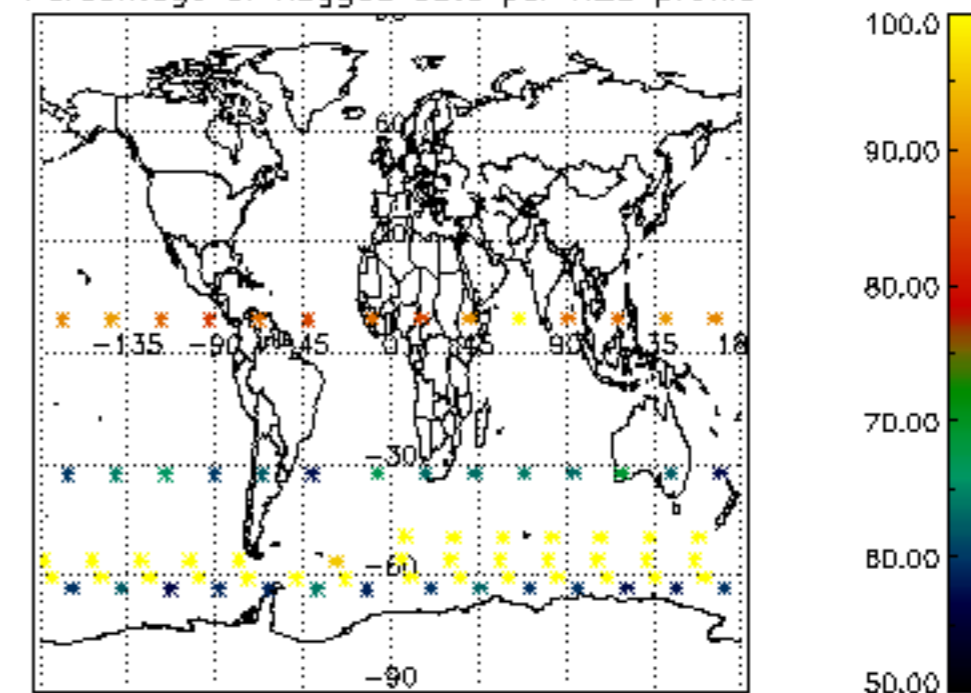
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	21-AUG-2007 00:00:25
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	21-AUG-2007 00:00:25
CROSS_SECTIONS_FILE	GOM_CR2_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	21-AUG-2007 00:00:25



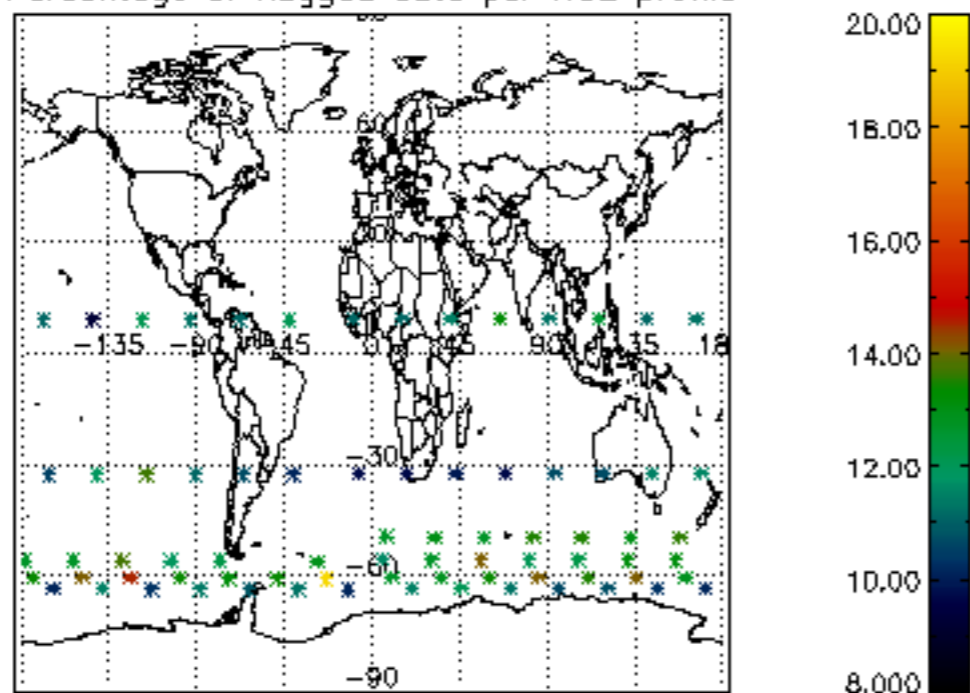
Percentage of flagged data per D3 profile



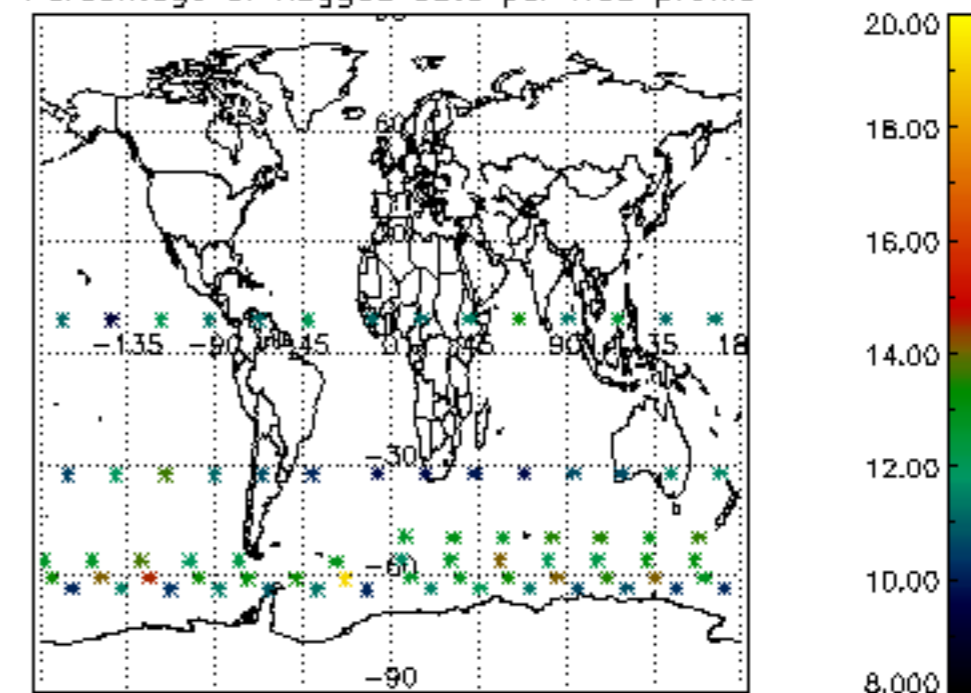
Percentage of flagged data per H2O profile

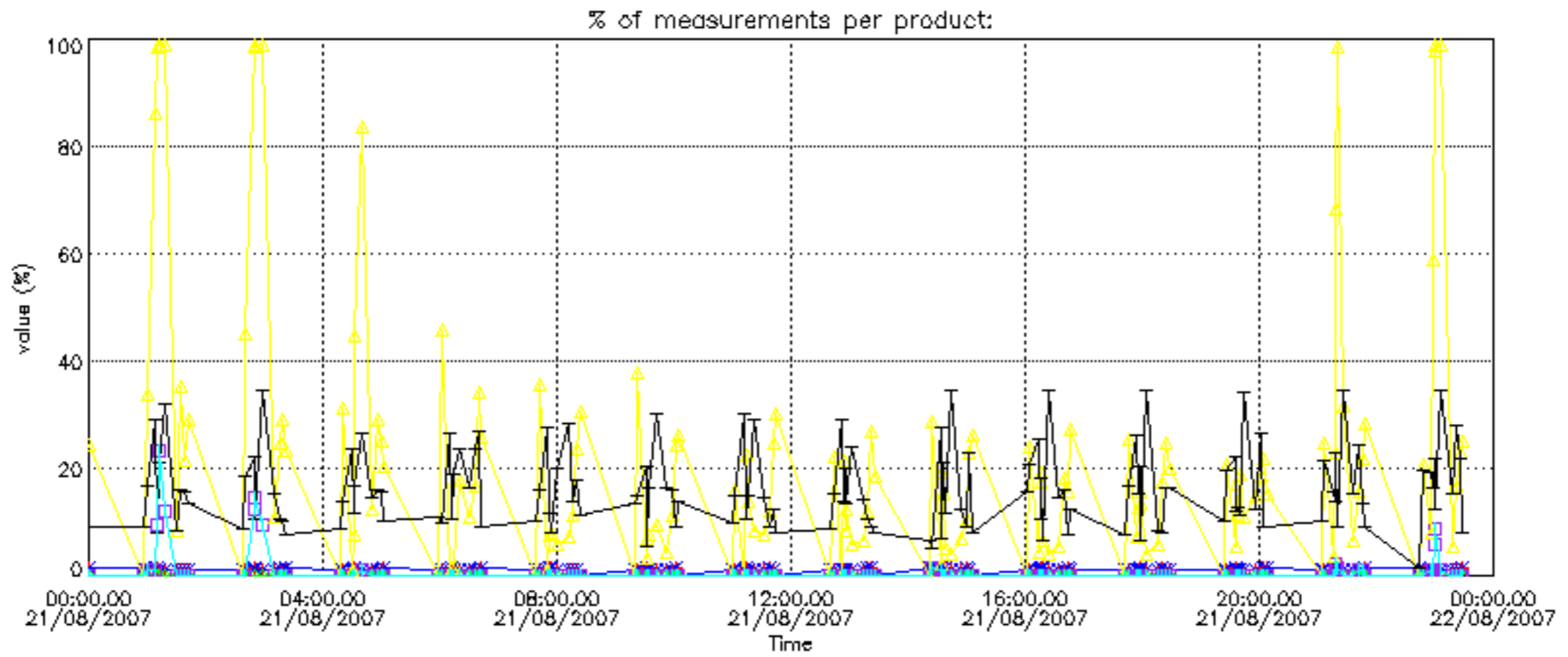


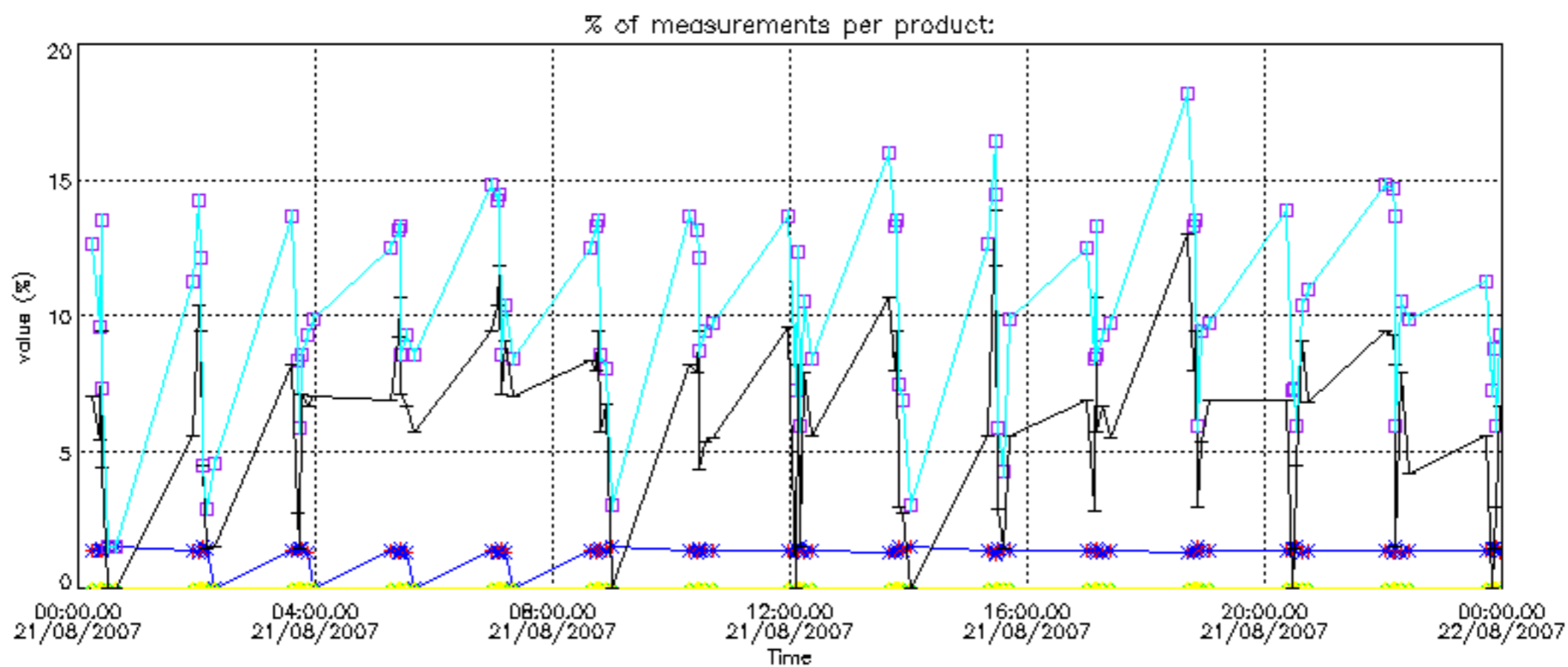
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

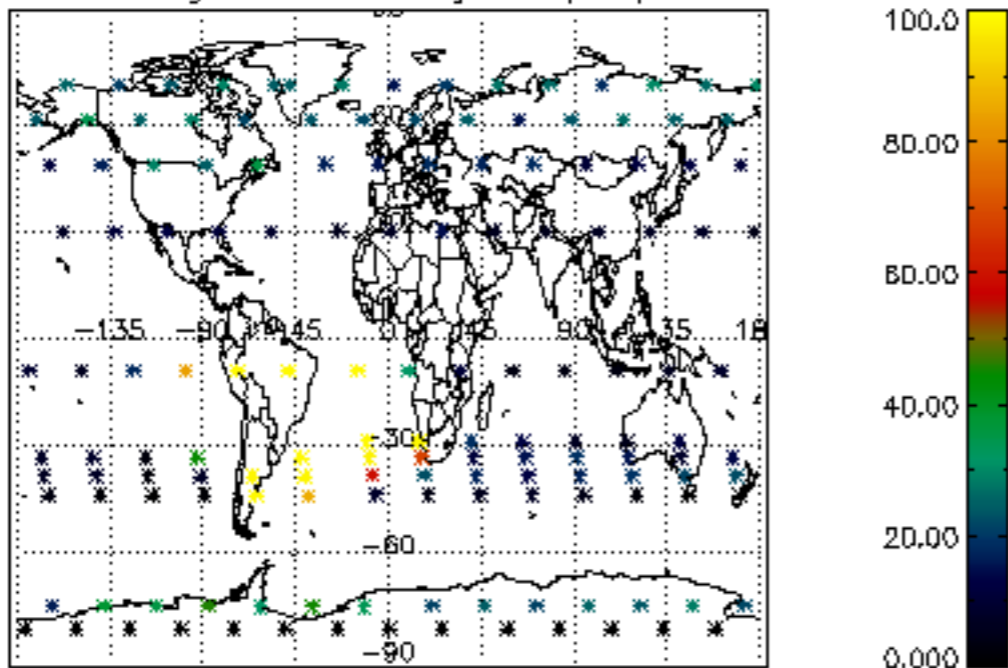




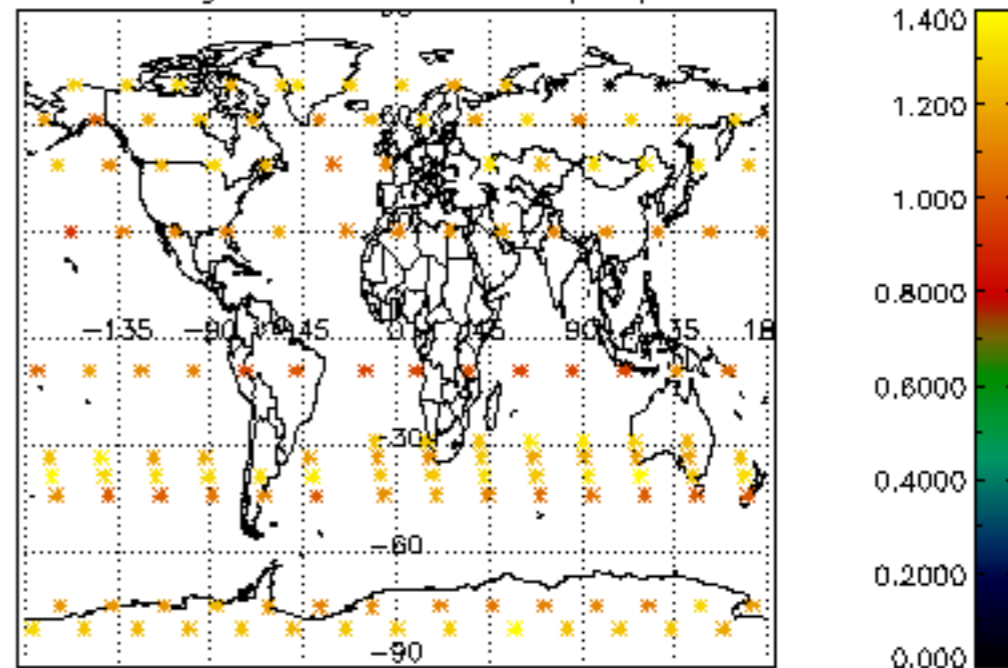




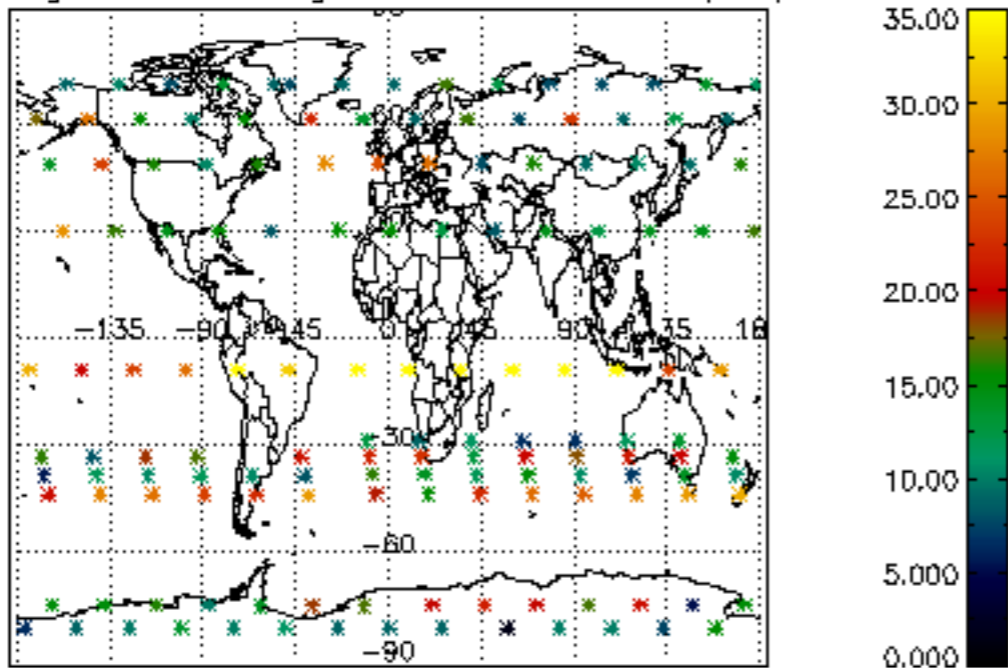
Percentage of cosmic ray hits per profile



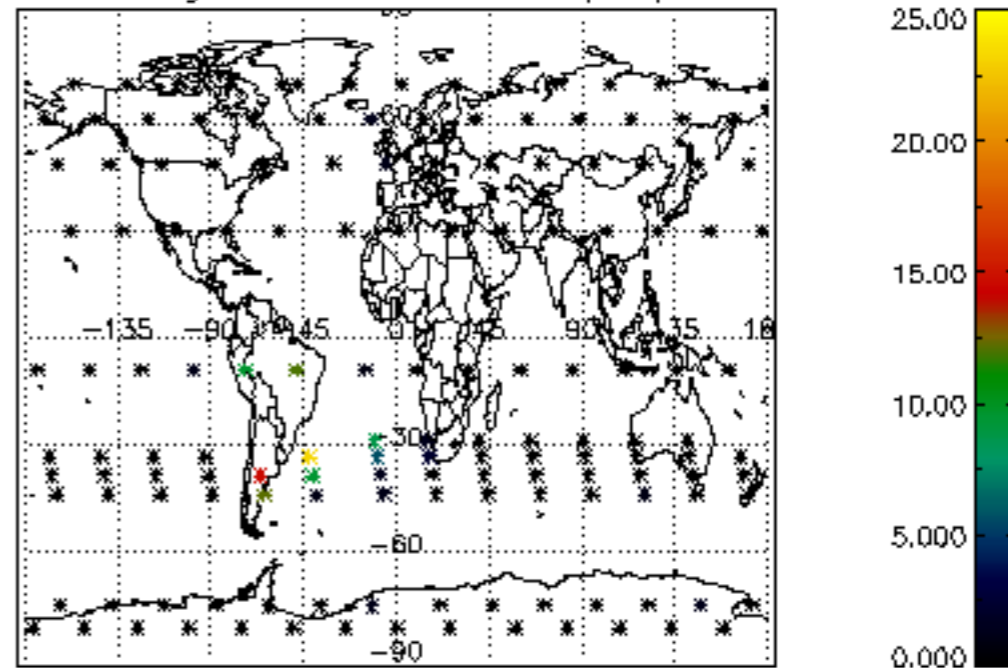
Percentage of datation errors per profile



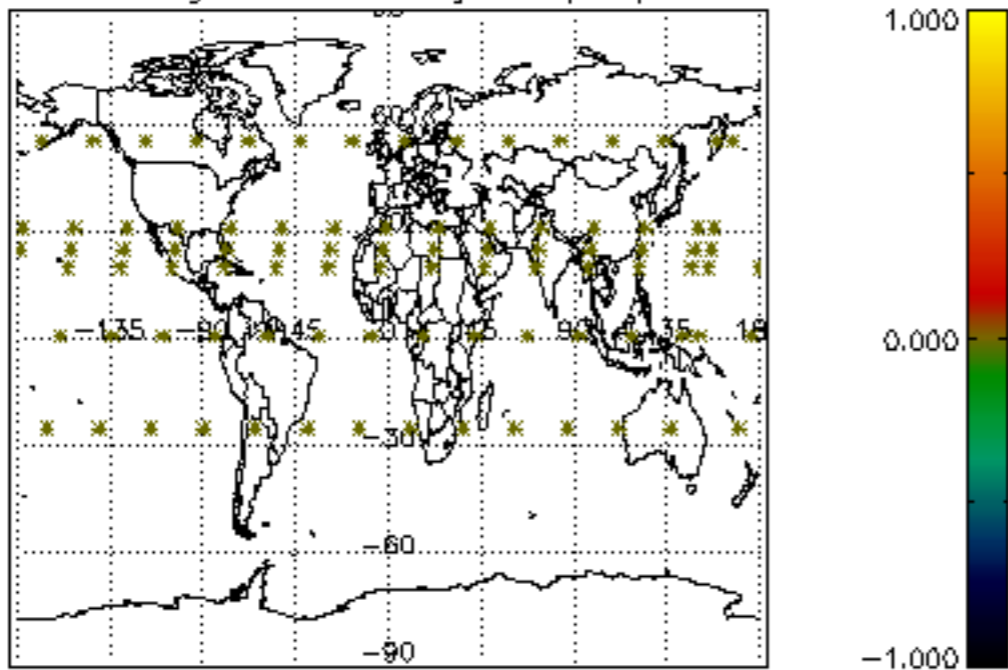
Percentage of star falling outside central band per profile



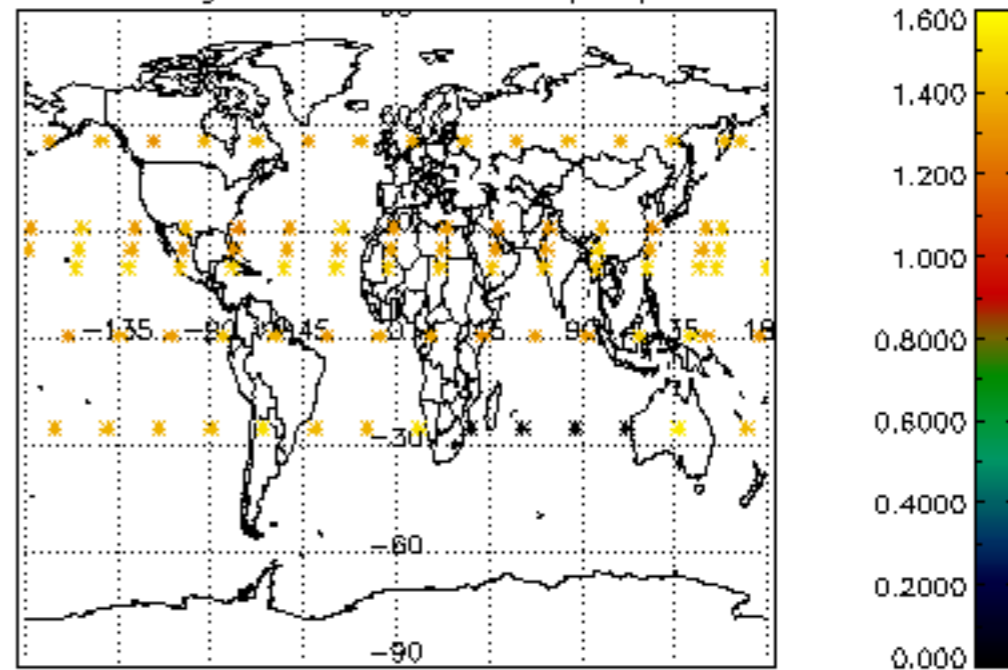
Percentage of saturation errors per profile



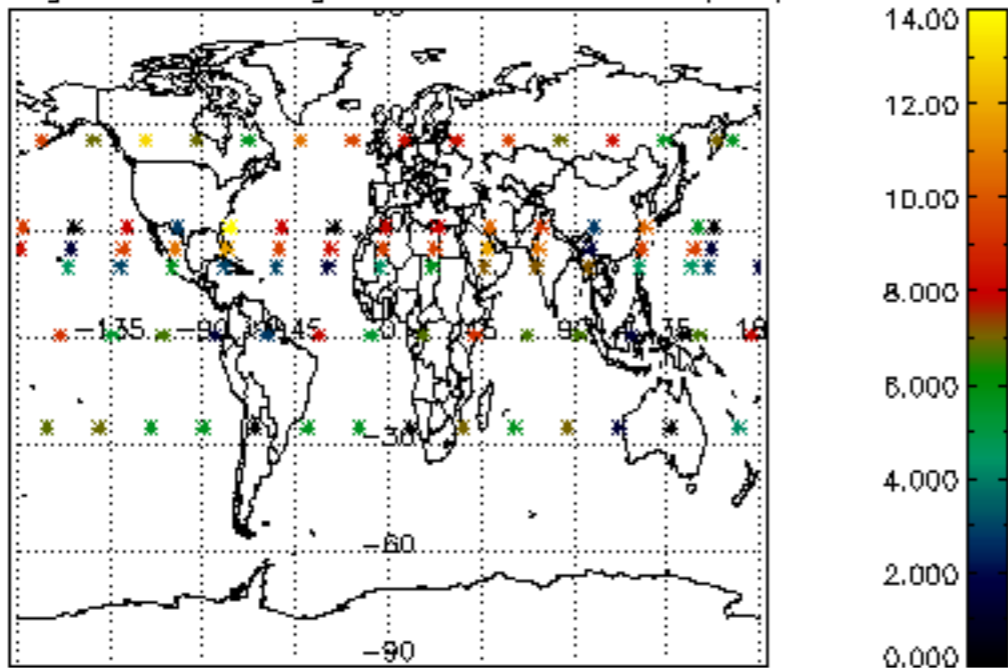
Percentage of cosmic ray hits per profile



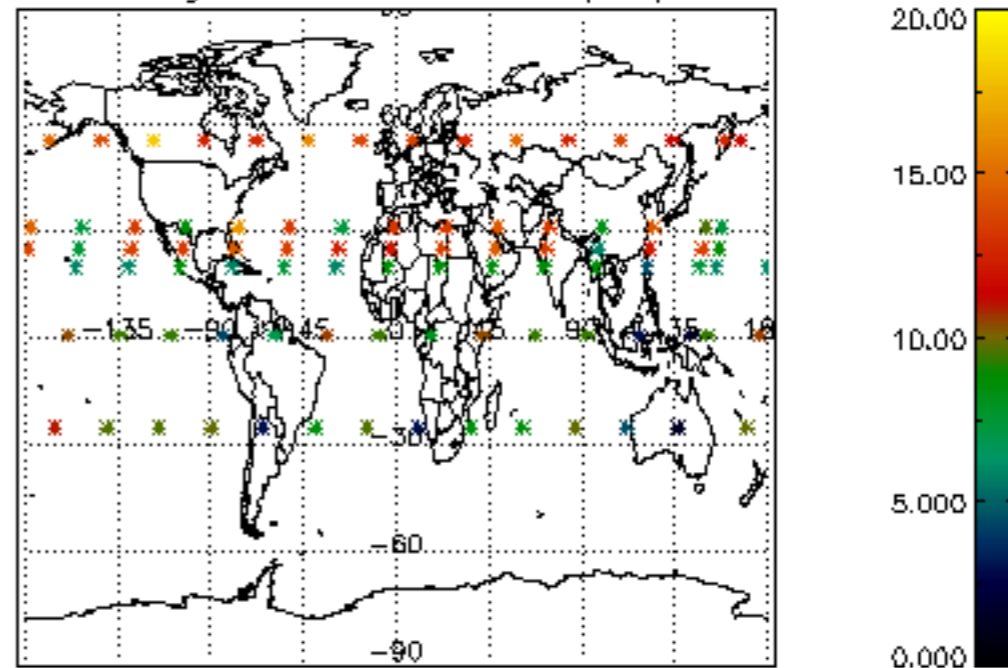
Percentage of datation errors per profile

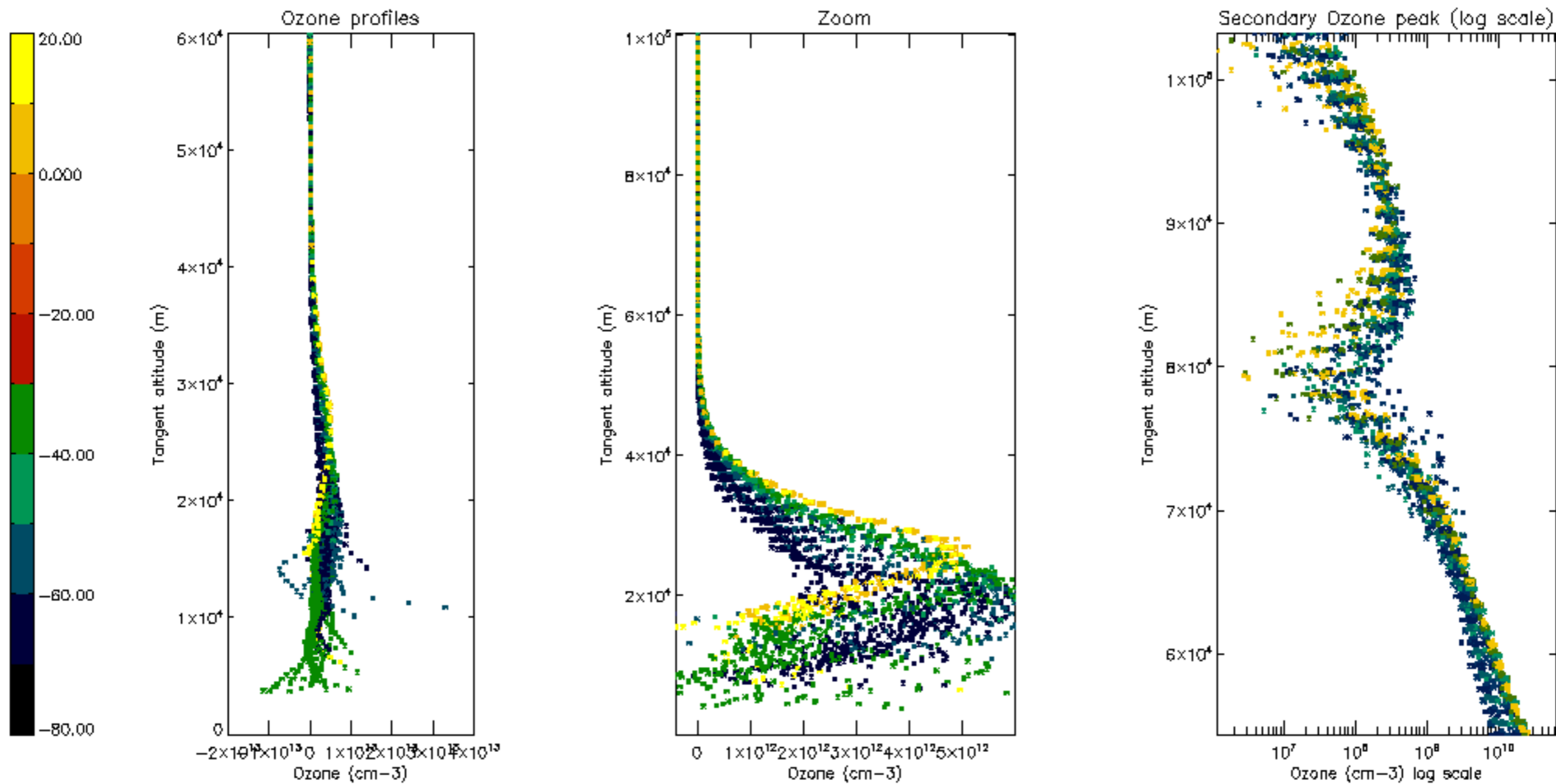


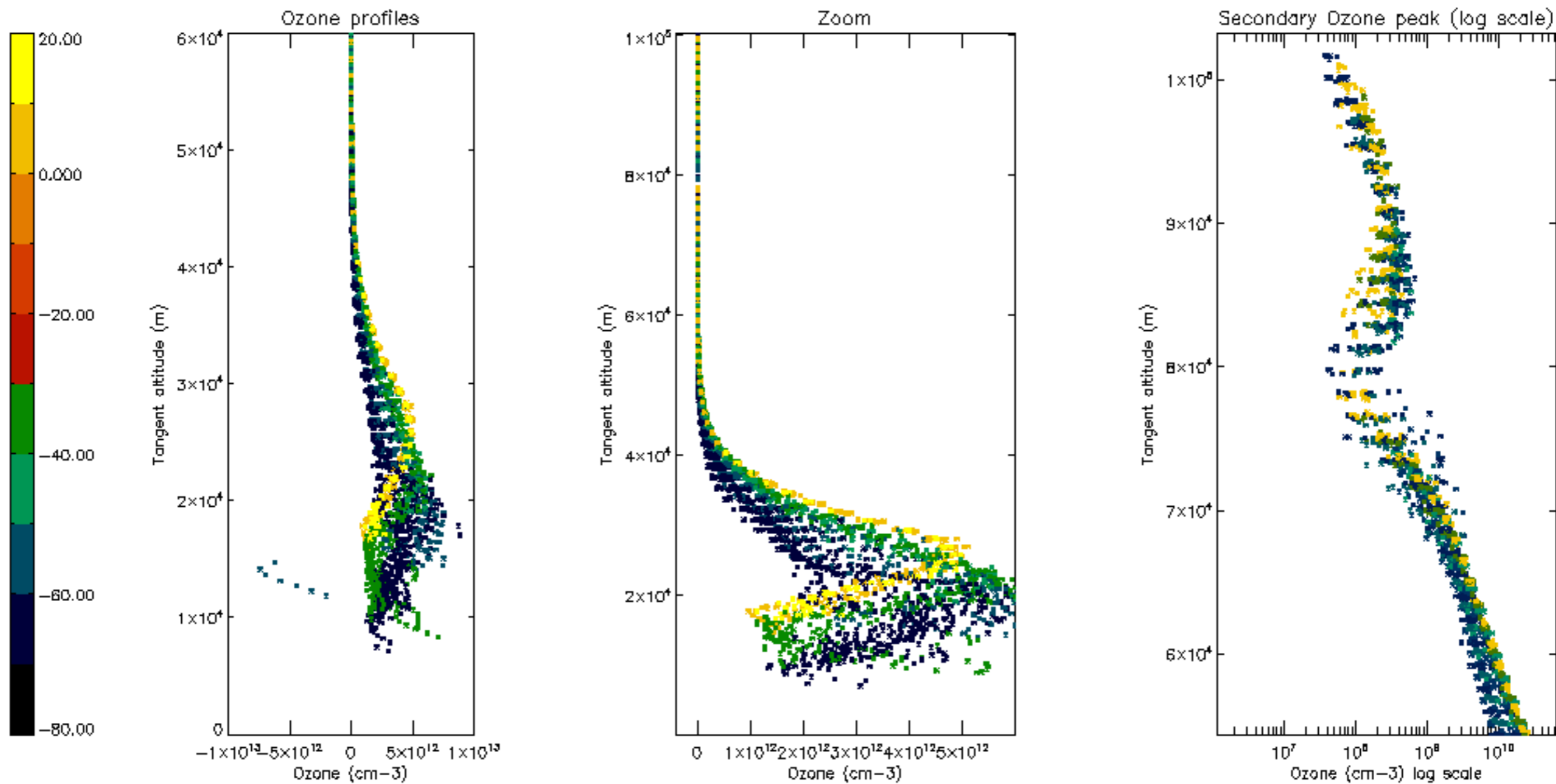
Percentage of star falling outside central band per profile

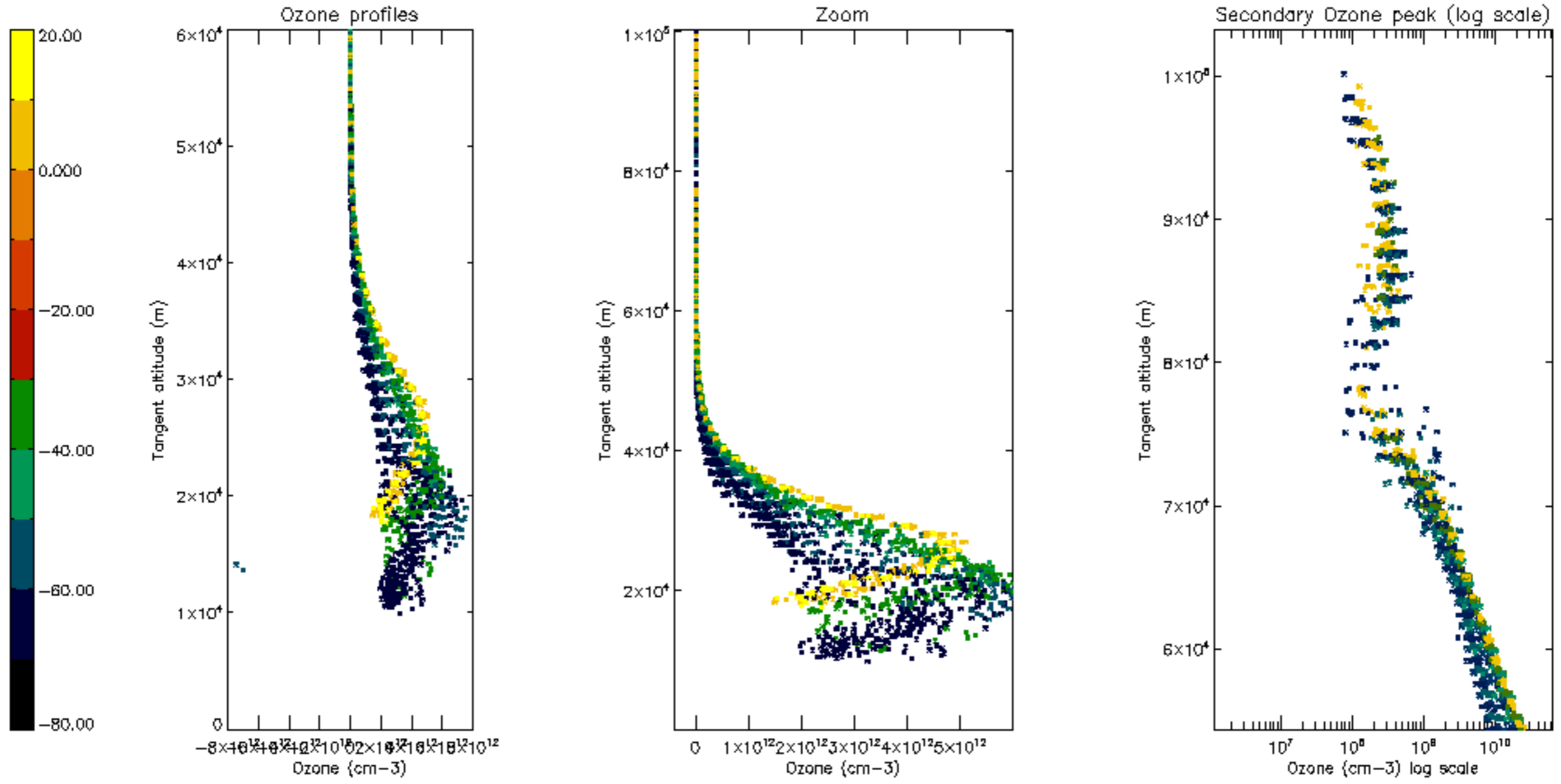


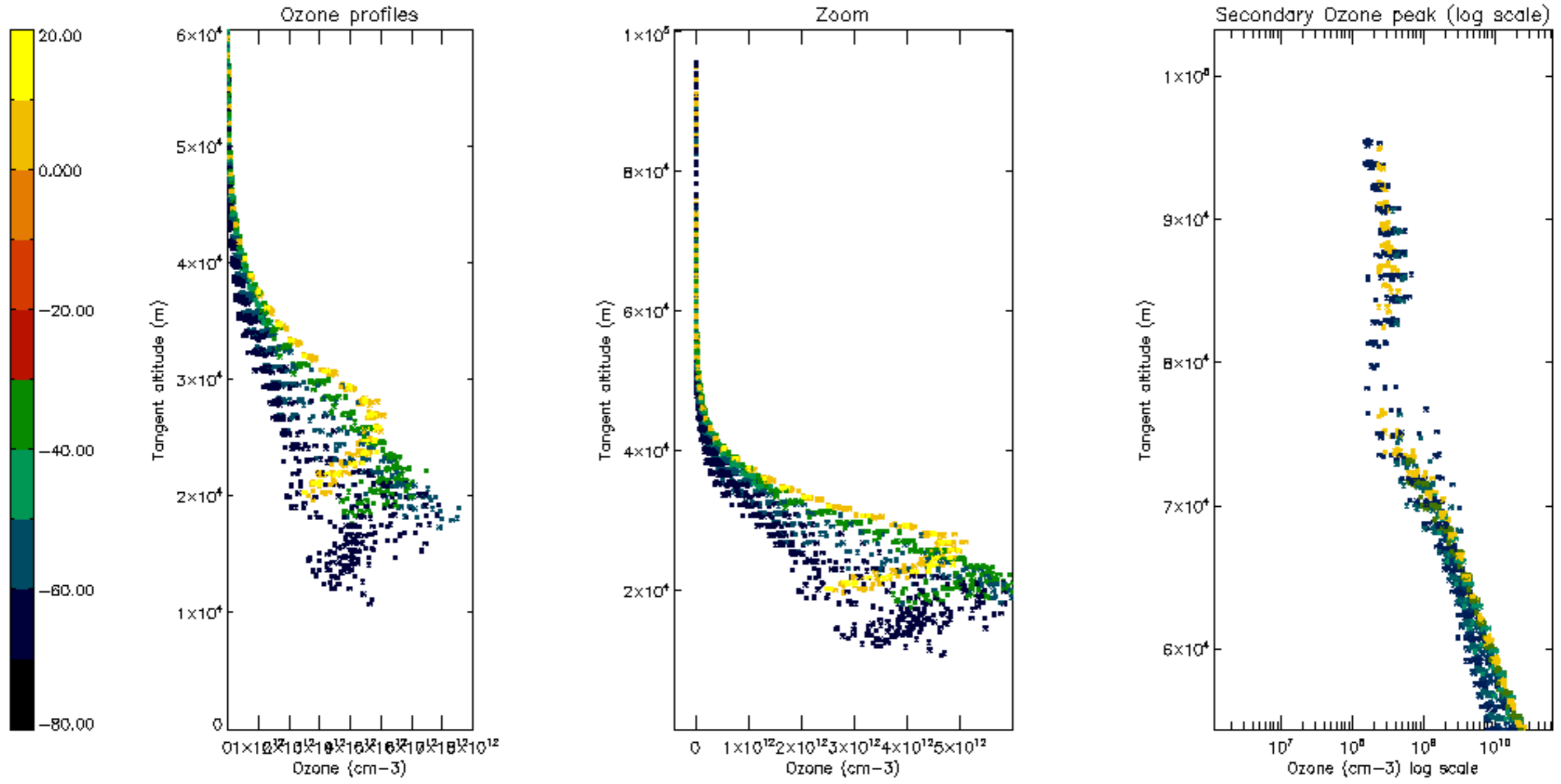
Percentage of saturation errors per profile

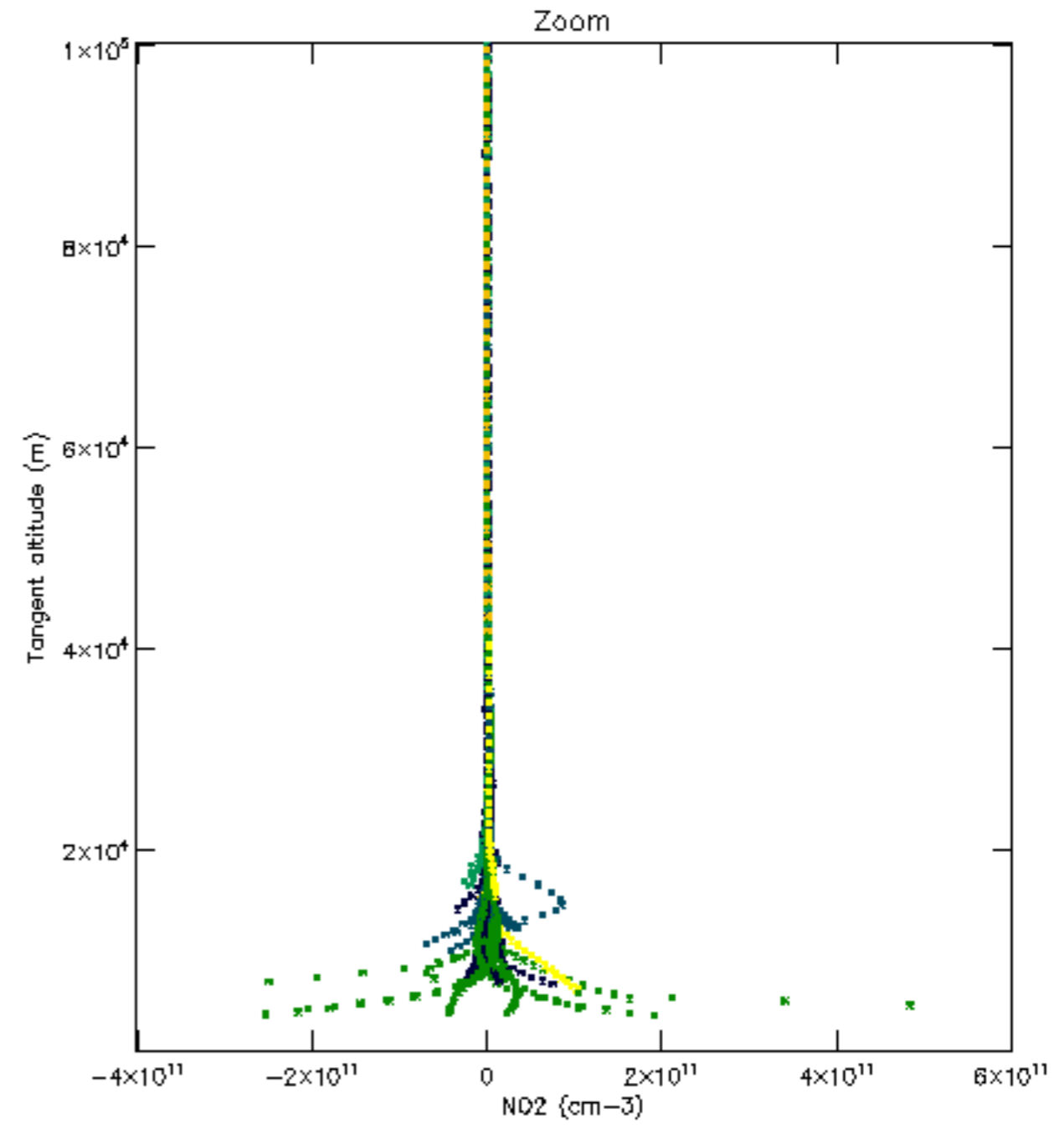
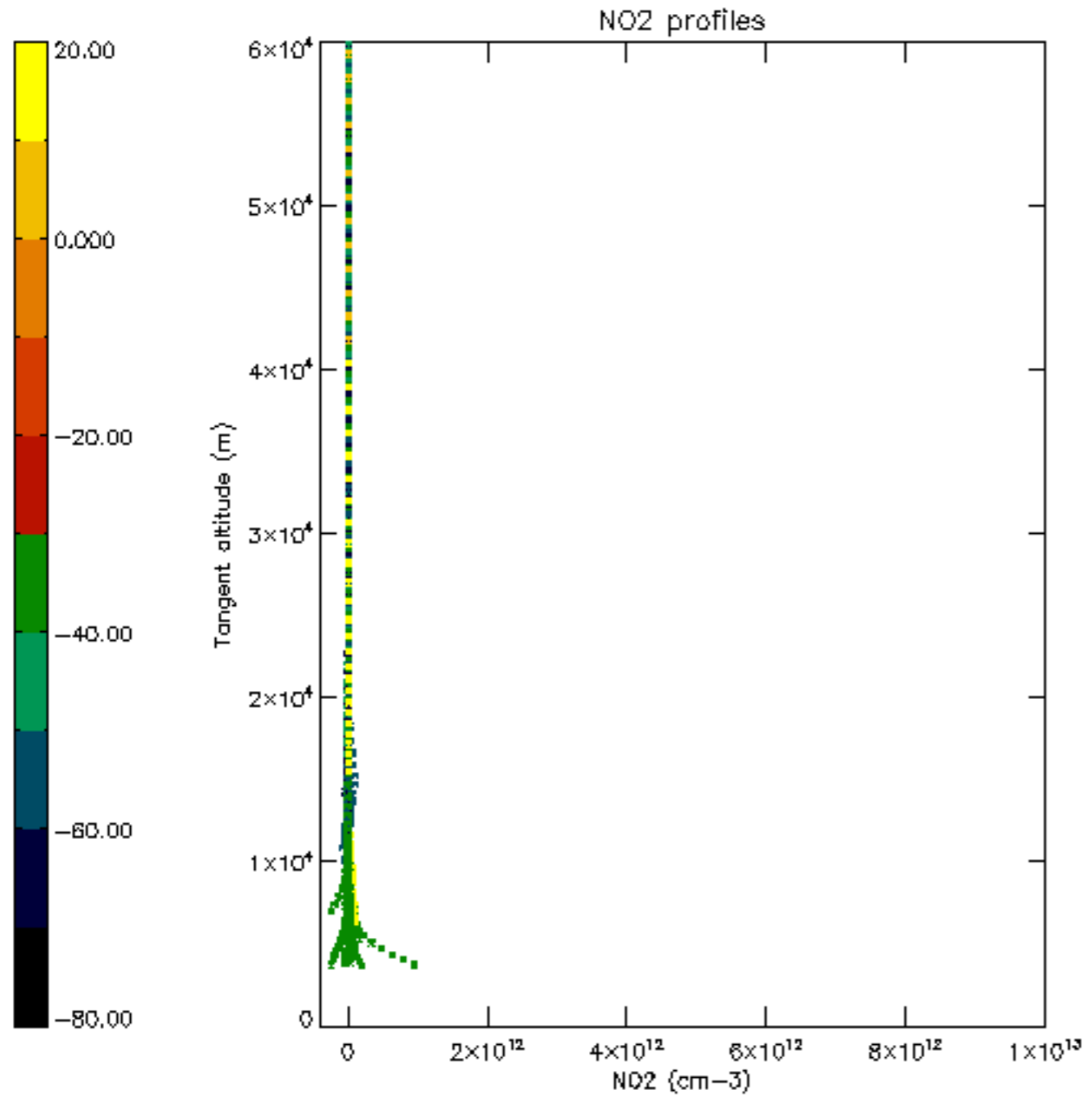


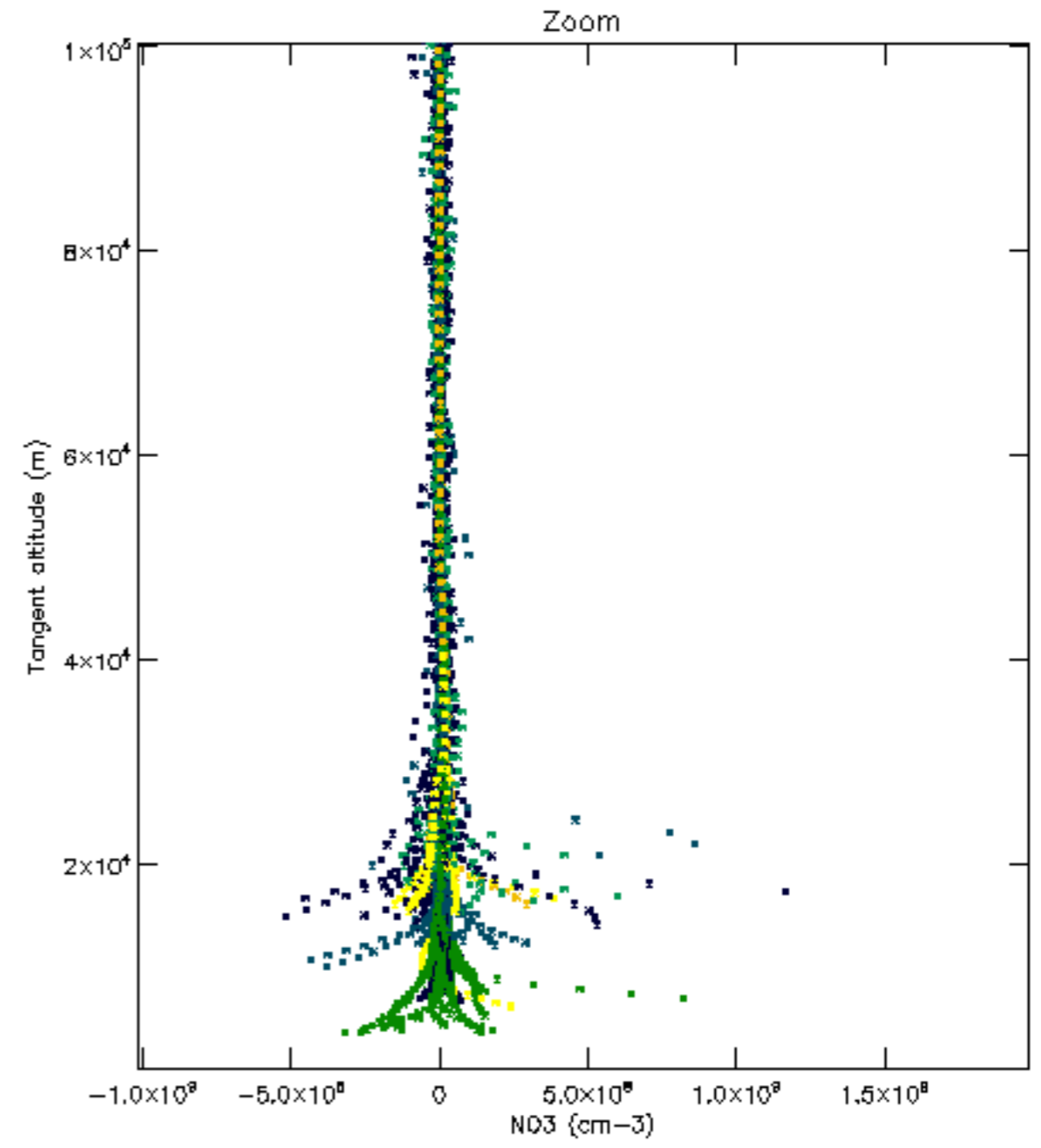
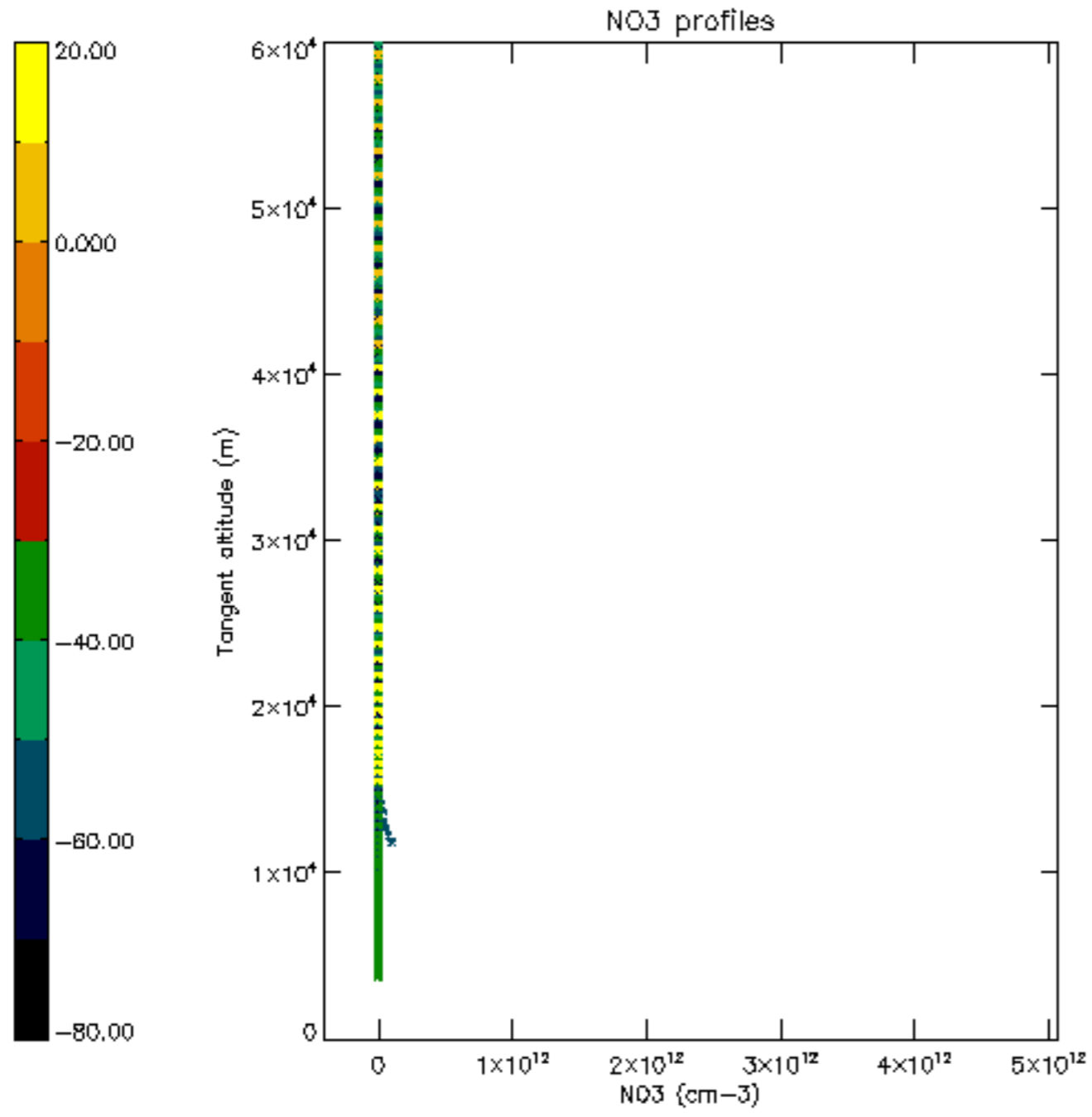




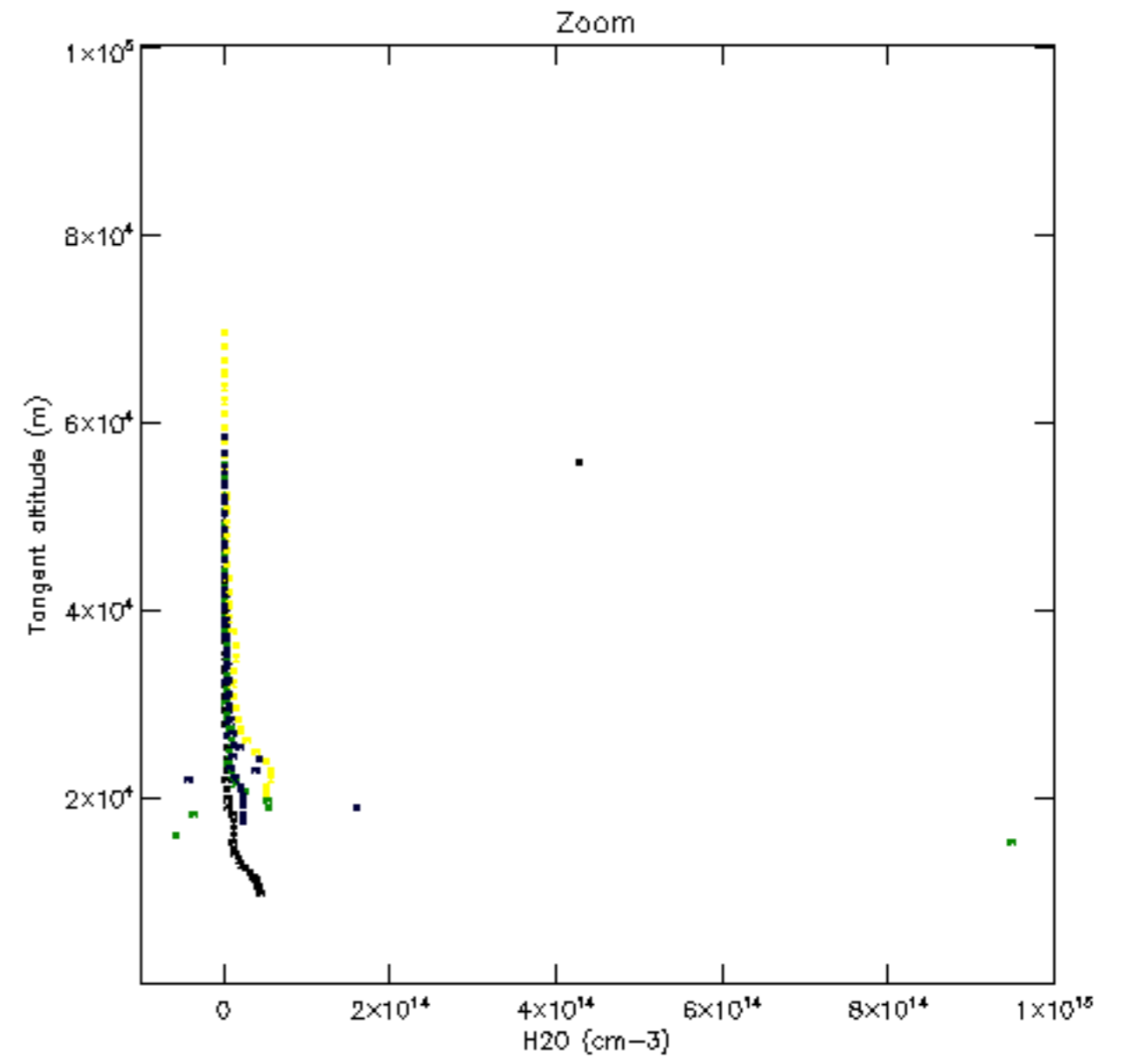
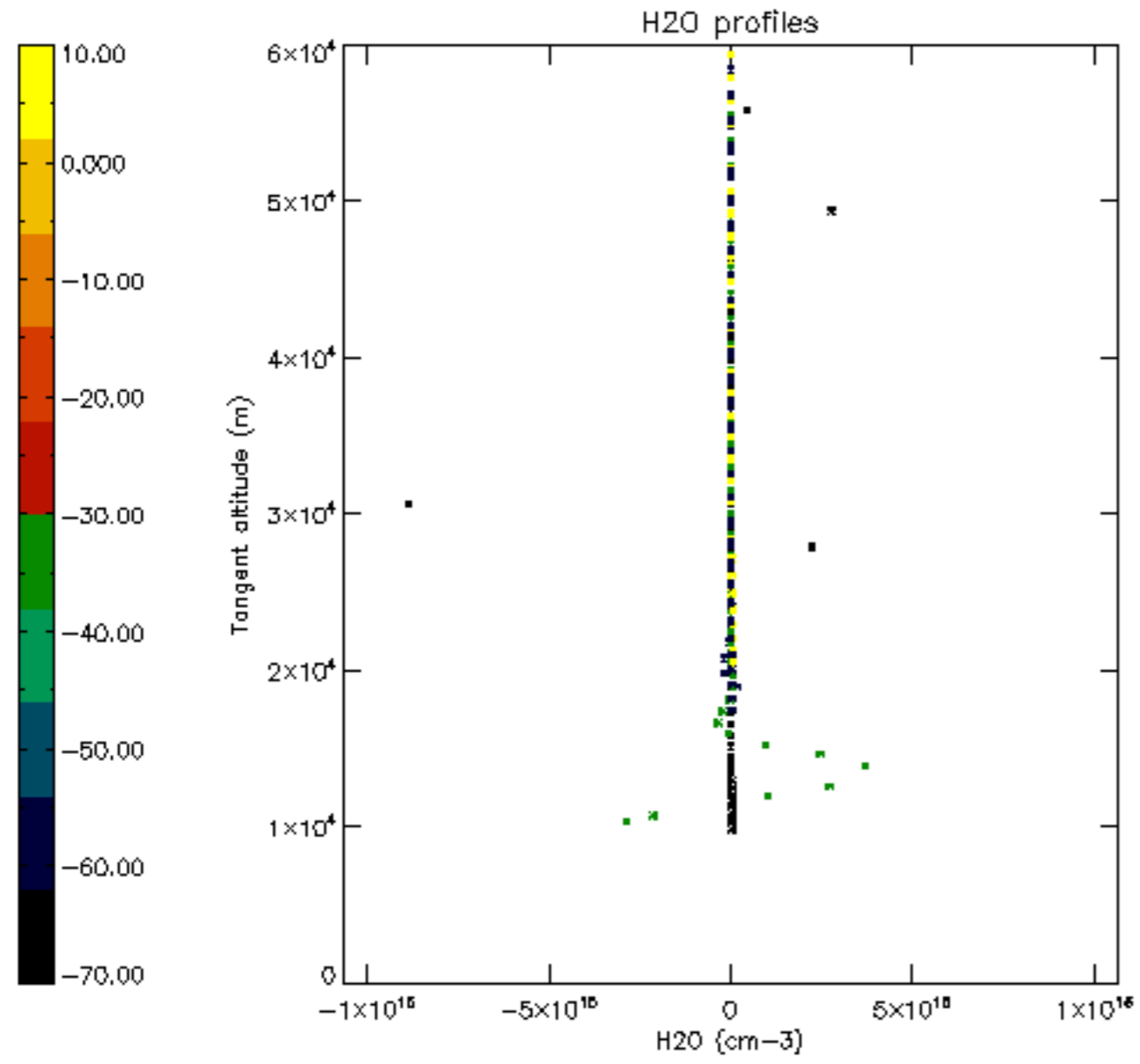


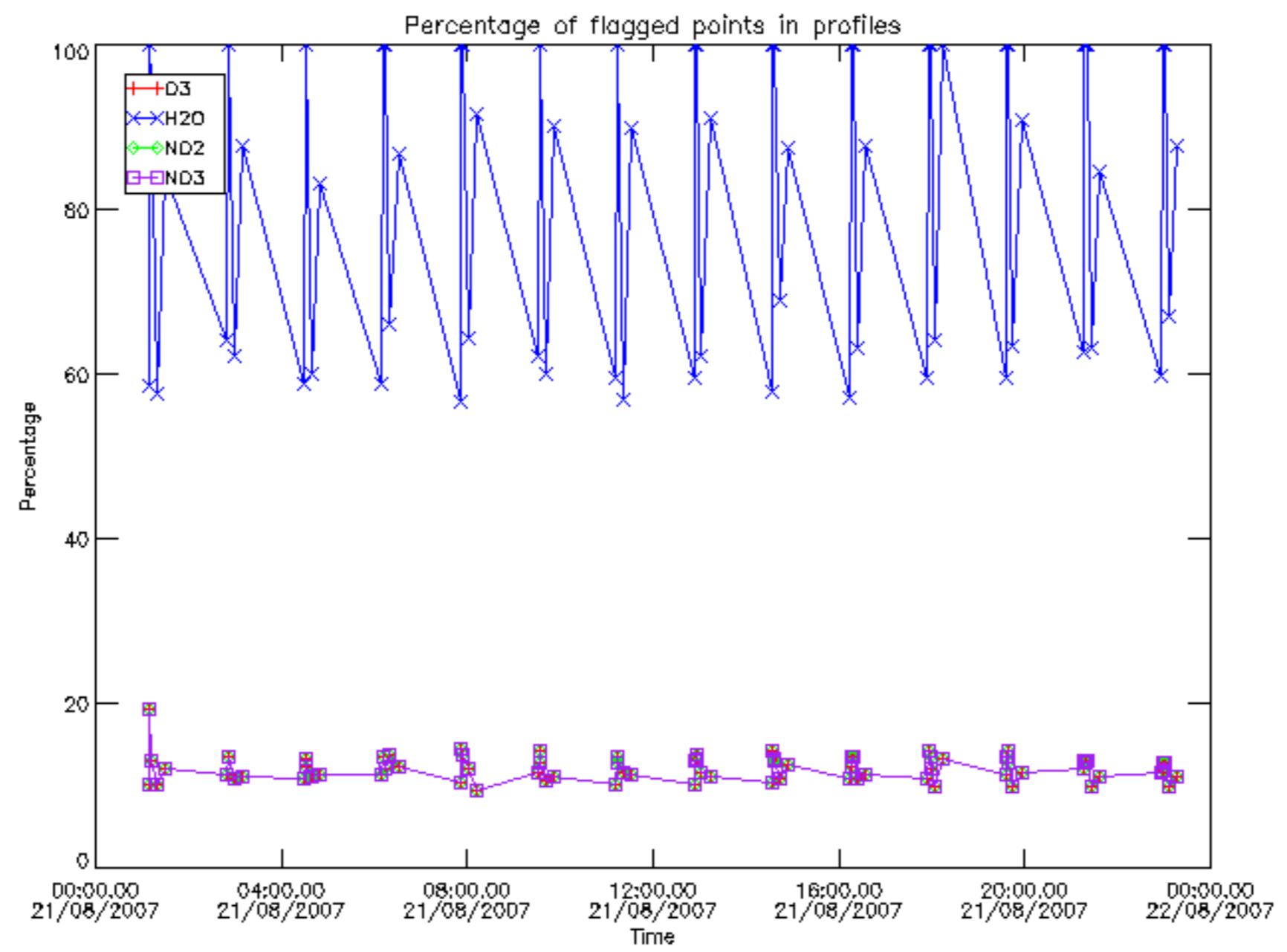




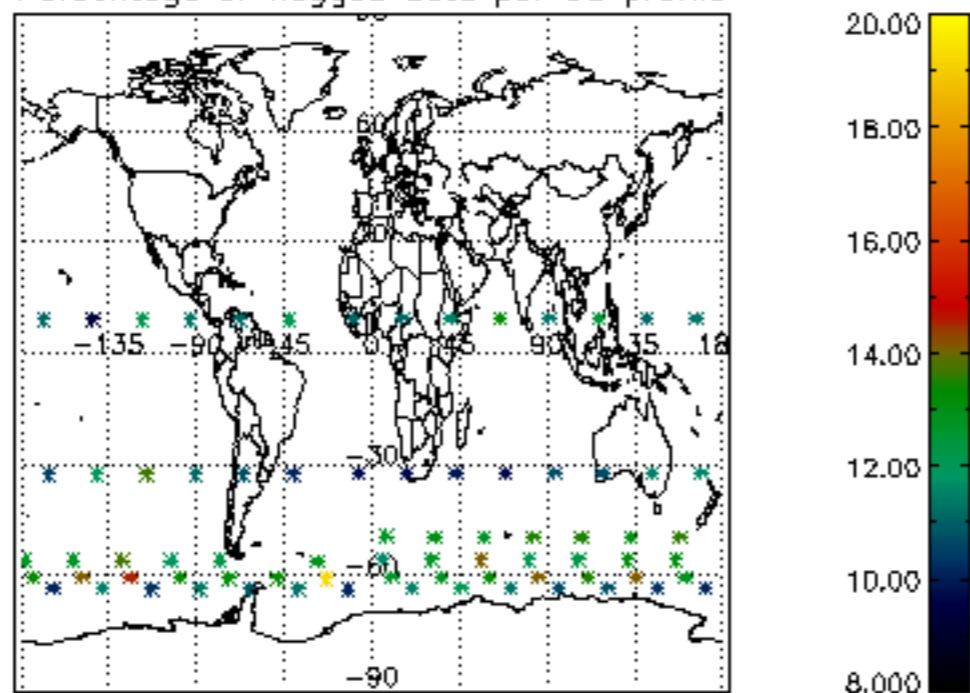




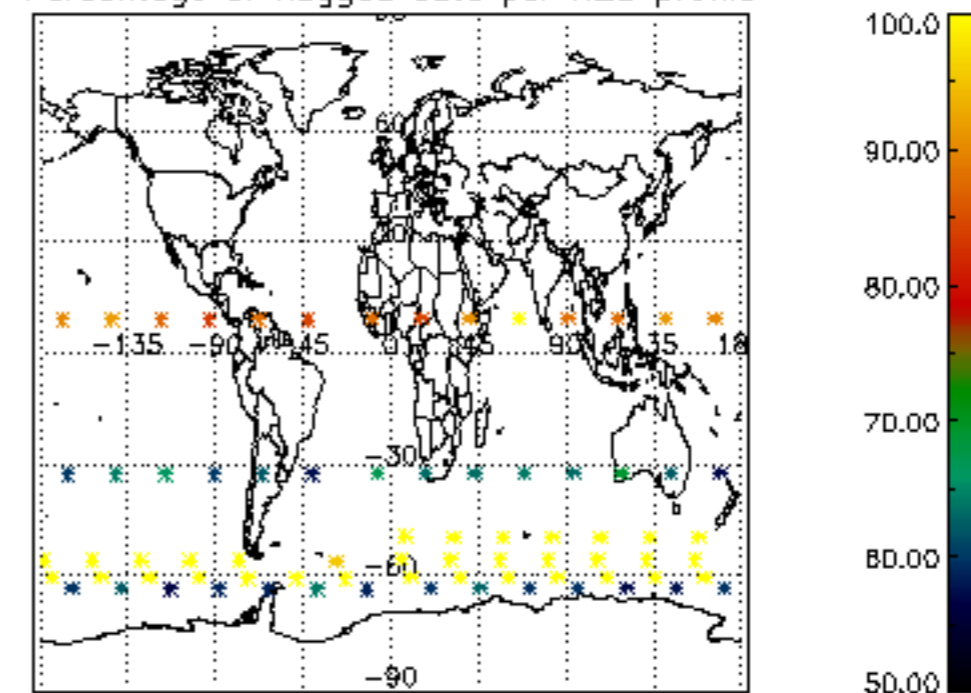




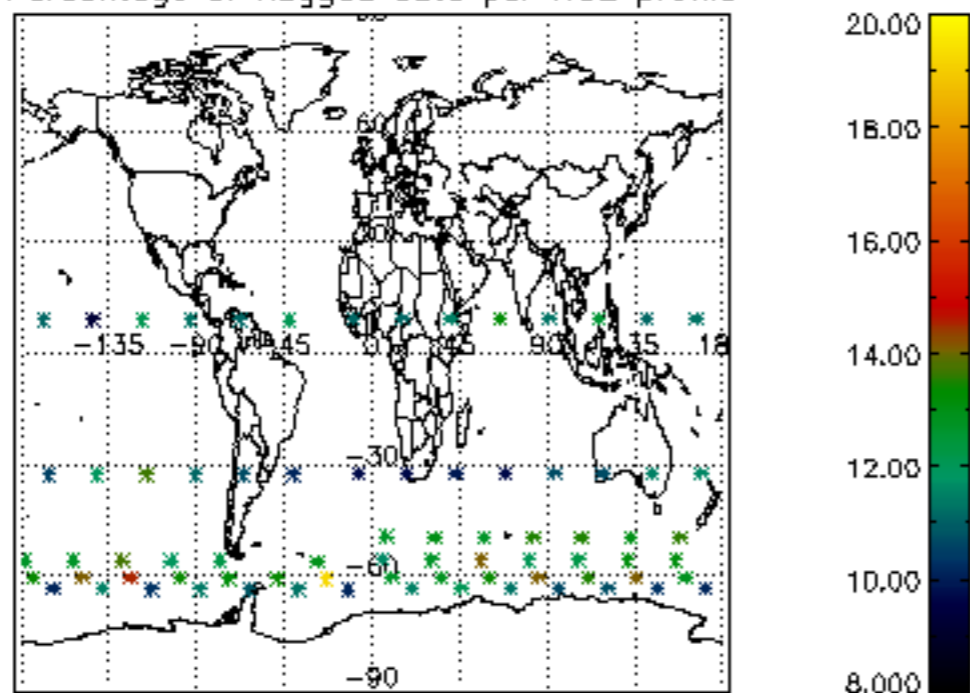
Percentage of flagged data per D3 profile



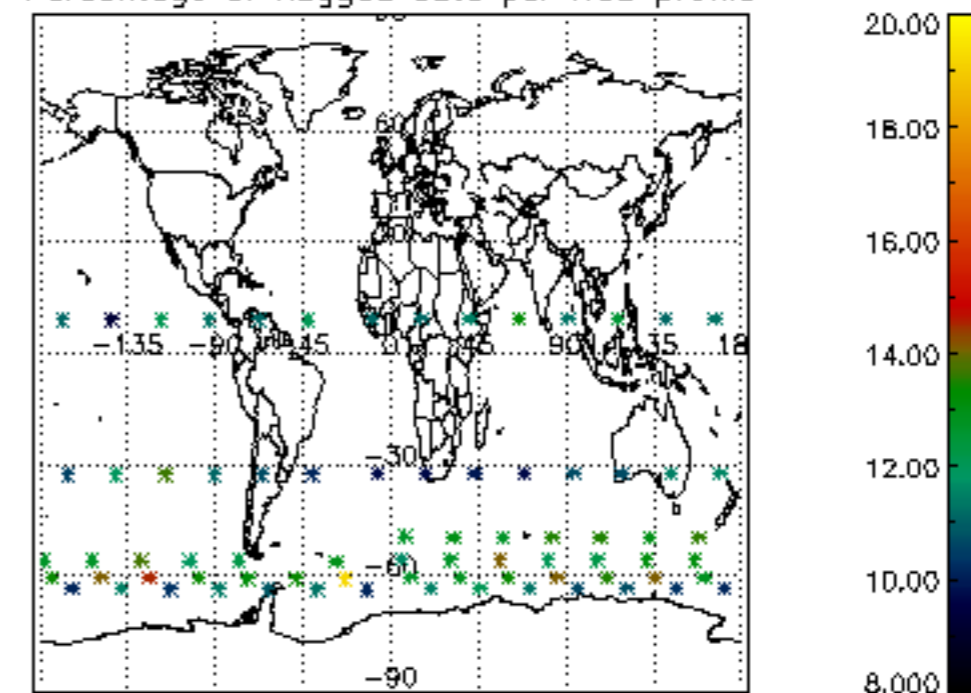
Percentage of flagged data per H2O profile

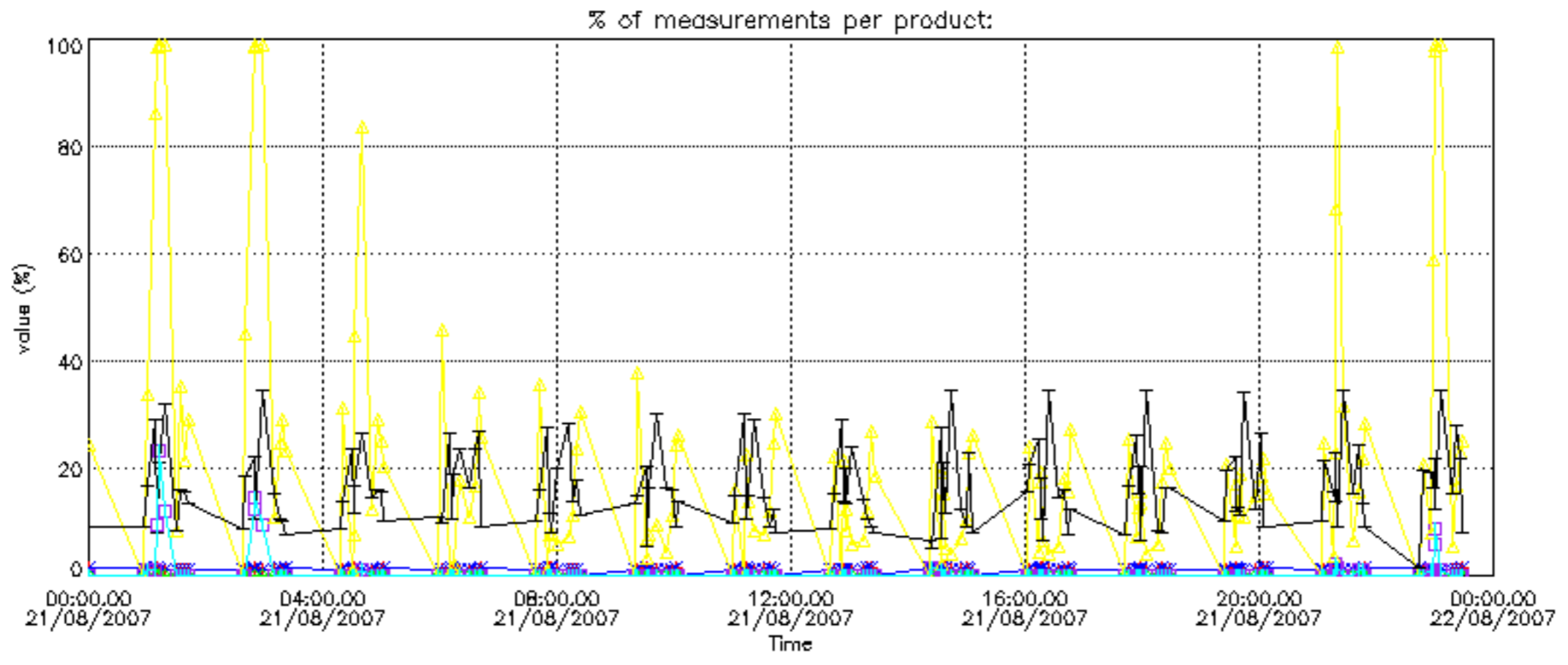


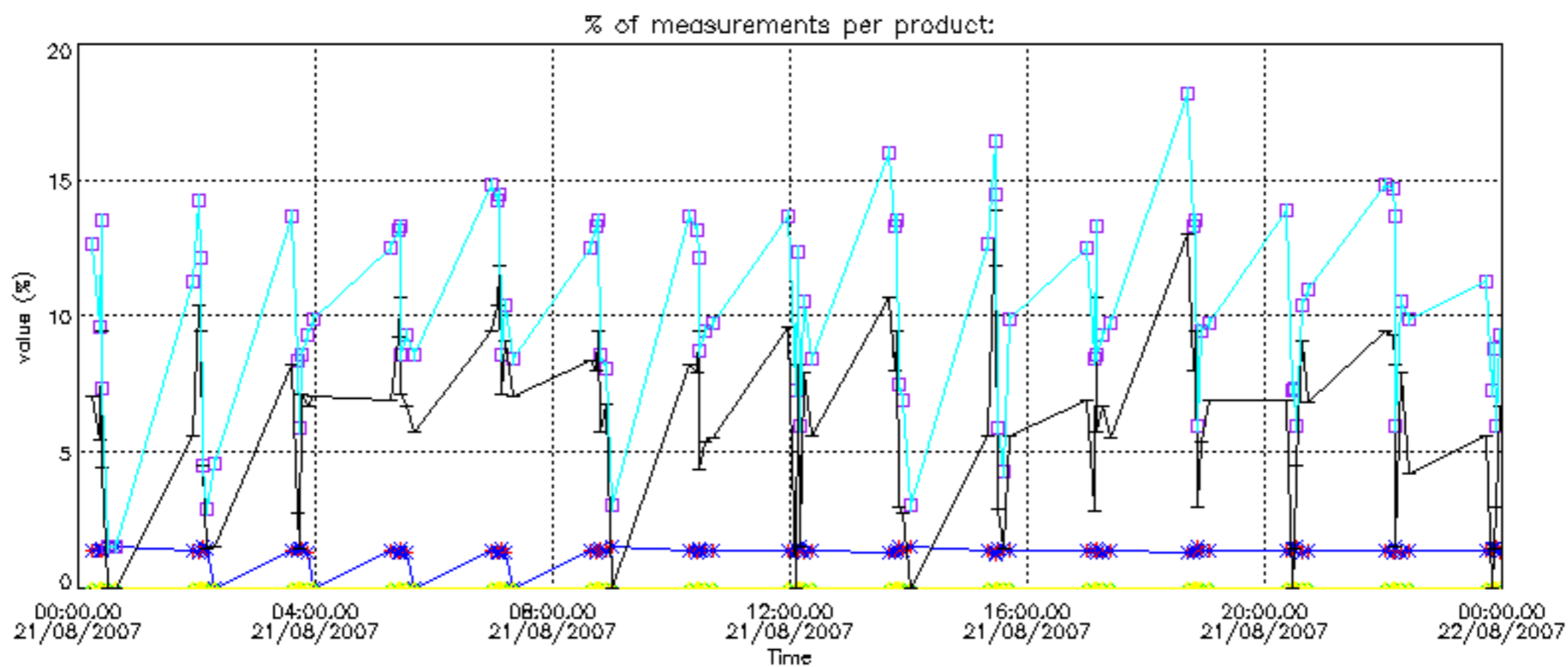
Percentage of flagged data per NO2 profile



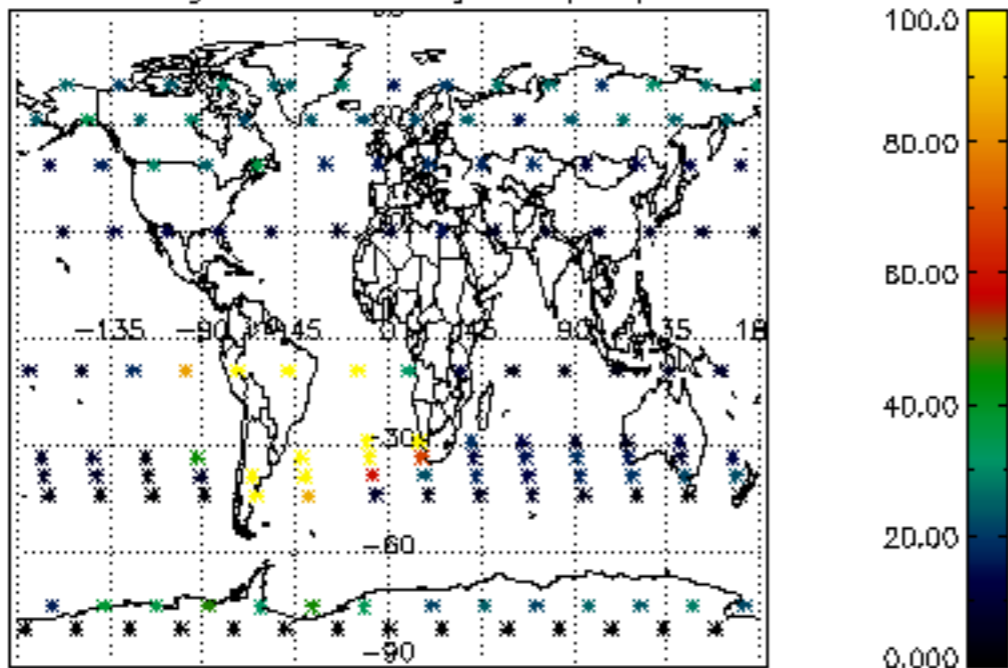
Percentage of flagged data per NO3 profile



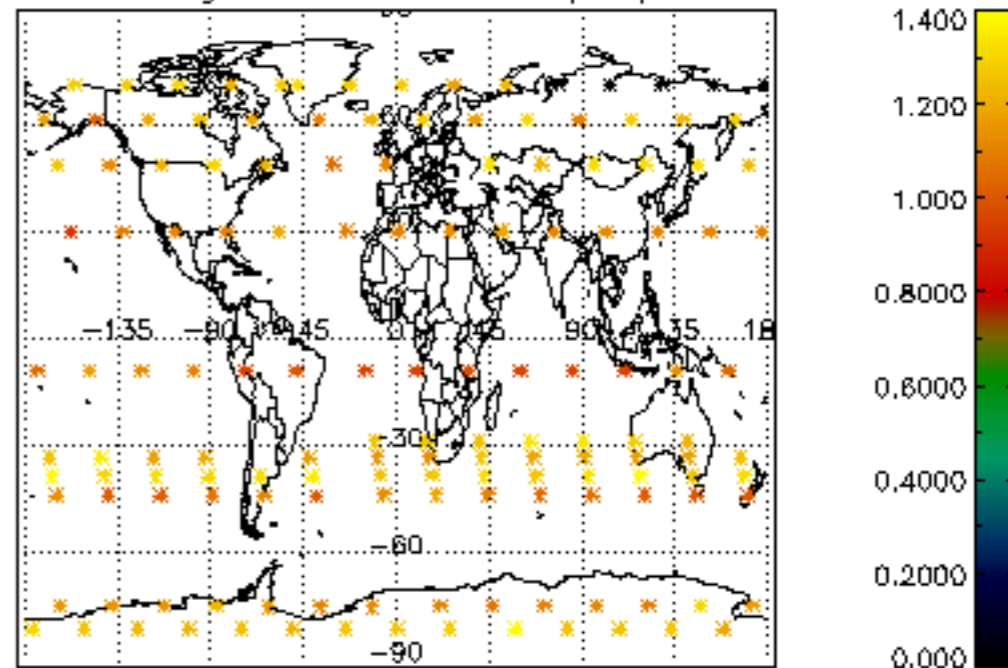




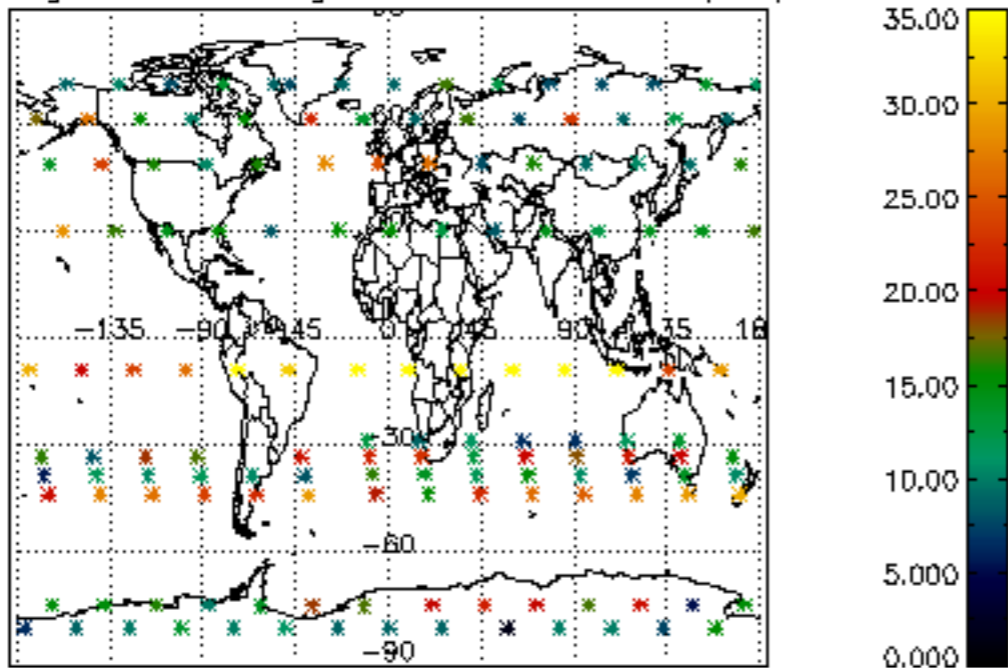
Percentage of cosmic ray hits per profile



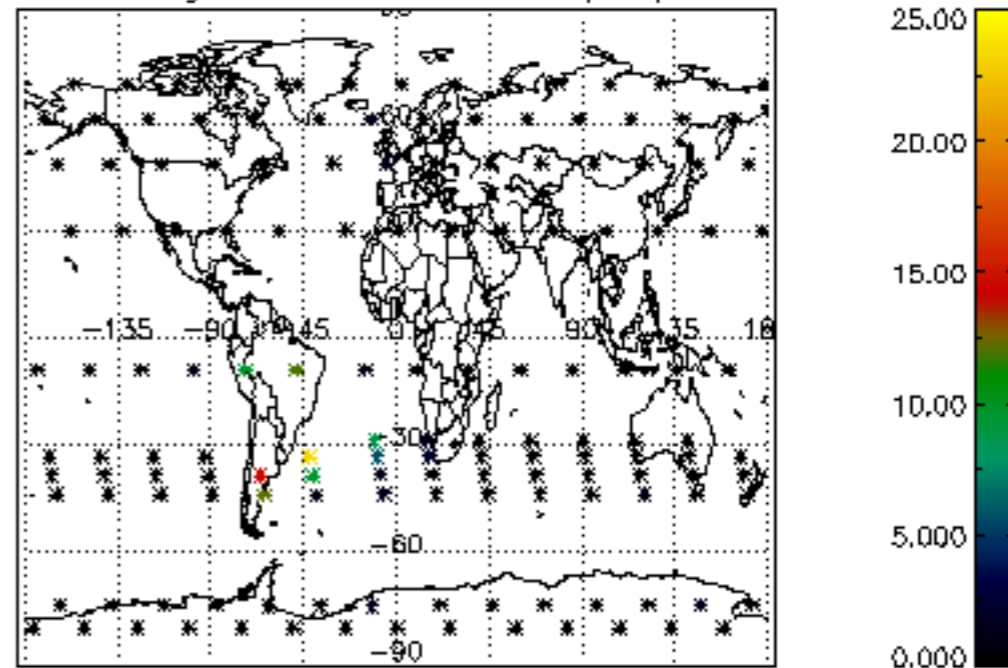
Percentage of datation errors per profile



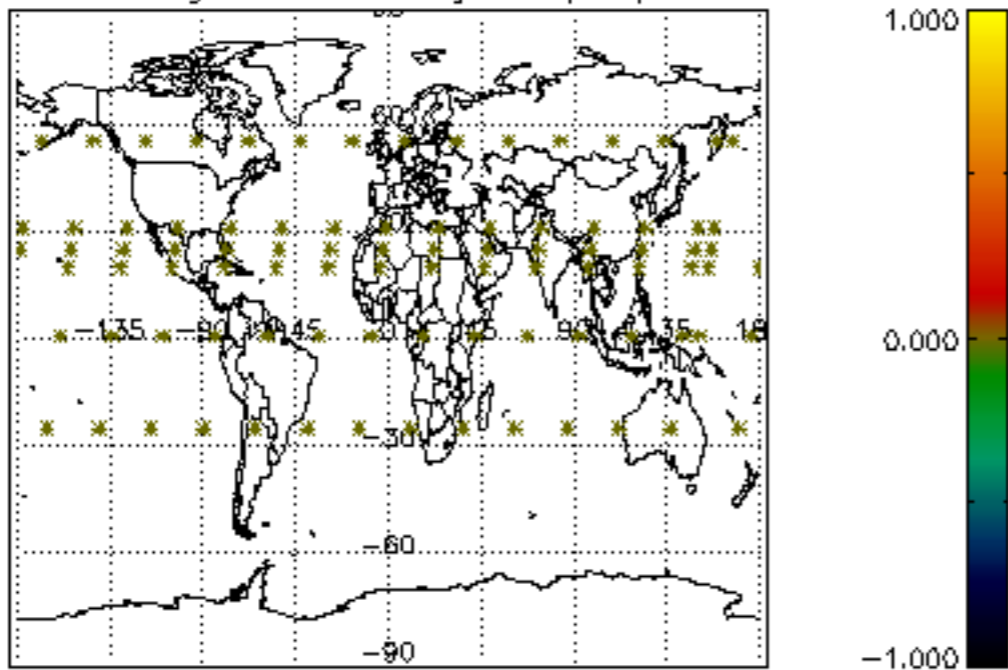
Percentage of star falling outside central band per profile



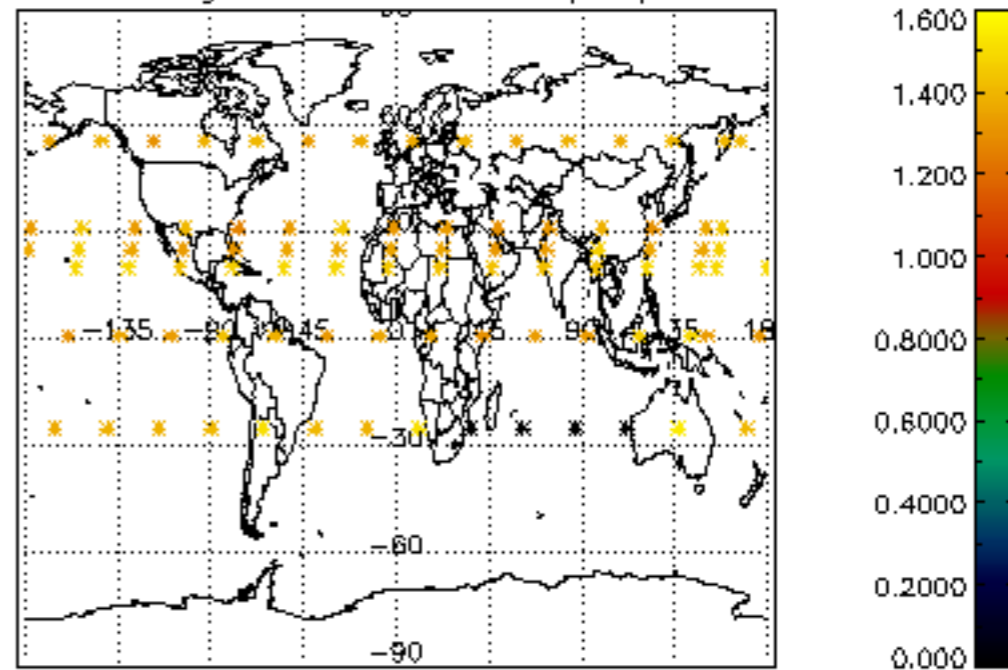
Percentage of saturation errors per profile



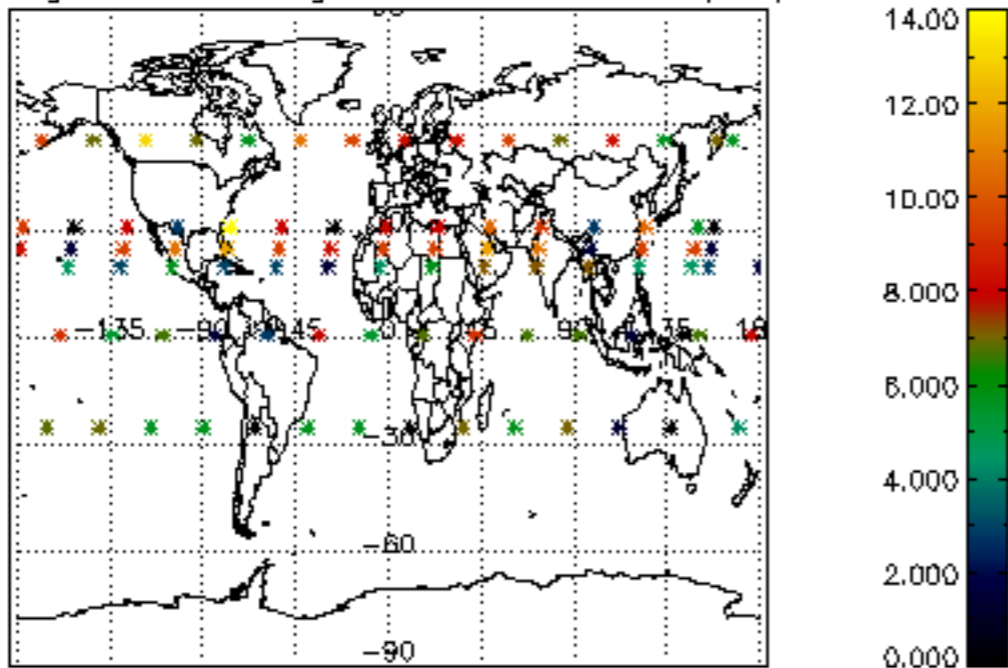
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

