

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

[3.2 Plot of level 2 quality information per product \(world map\)](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	29APR2013 14:44:11
Data source version	GOMOS/6.01
Start time of products	28-08-2010 (28AUG2010 00:00:00)
Stop time of products	29-08-2010 (29AUG2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	303
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__2PRFIN20100828_000123_000000422092_00259_44401_0291.N1	28-AUG-2010 00:01:23	Dark	42.000	30	46Eps Ori	1.6940	30000.	84	44401	No
2	GOM_NL__2PRFIN20100828_000251_000000562092_00259_44401_0292.N1	28-AUG-2010 00:02:51	Dark	56.000	1	9Alp CMa	-1.4400	11000.	112	44401	No
3	GOM_NL__2PRFIN20100828_000626_000000532092_00259_44401_0293.N1	28-AUG-2010 00:06:26	Dark	53.000	101	11Alp Lep	2.5820	7000.0	106	44401	No
4	GOM_NL__2PRFIN20100828_002120_000000532092_00260_44402_0287.N1	28-AUG-2010 00:21:20	Dark	53.000	157	The1Eri	2.9060	9300.0	106	44402	No
5	GOM_NL__2PRFIN20100828_002354_000000462092_00260_44402_0288.N1	28-AUG-2010 00:23:54	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44402	No
6	GOM_NL__2PRFIN20100828_002952_000000582092_00260_44402_0289.N1	28-AUG-2010 00:29:52	Straylight	58.000	84	Alp Phe	2.3970	4500.0	116	44402	No
7	GOM_NL__2PRFIN20100828_003138_000000512092_00260_44402_0290.N1	28-AUG-2010 00:31:38	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	44402	No
8	GOM_NL__2PRFIN20100828_003619_000000502092_00260_44402_0291.N1	28-AUG-2010 00:36:19	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	44402	No
9	GOM_NL__2PRFIN20100828_004119_000000522092_00260_44402_0292.N1	28-AUG-2010 00:41:19	Bright	52.000	142	49Del Cap	2.8500	8900.0	104	44402	No
10	GOM_NL__2PRFIN20100828_004430_000000392092_00260_44402_0293.N1	28-AUG-2010 00:44:30	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44402	No
11	GOM_NL__2PRFIN20100828_004605_000000422092_00260_44402_0294.N1	28-AUG-2010 00:46:05	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44402	No
12	GOM_NL__2PRFIN20100828_004907_000000402092_00260_44402_0295.N1	28-AUG-2010 00:49:07	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	44402	No
13	GOM_NL__2PRFIN20100828_005642_000000452092_00260_44402_0296.N1	28-AUG-2010 00:56:42	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	44402	No
14	GOM_NL__2PRFIN20100828_010410_000000342092_00260_44402_0297.N1	28-AUG-2010 01:04:10	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	44402	No
15	GOM_NL__2PRFIN20100828_010730_000000462092_00260_44402_0298.N1	28-AUG-2010 01:07:30	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	44402	No
16	GOM_NL__2PRFIN20100828_010942_000000452092_00260_44402_0299.N1	28-AUG-2010 01:09:42	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44402	No
17	GOM_NL__2PRFIN20100828_012357_000000592092_00260_44402_0300.N1	28-AUG-2010 01:23:57	Bright	58.500	6	13Alp Aur	0.080000	3400.0	117	44402	No
18	GOM_NL__2PRFIN20100828_012724_000000432092_00260_44402_0301.N1	28-AUG-2010 01:27:24	Bright	42.500	107	37The Aur	2.6490	11000.	85	44402	No
19	GOM_NL__2PRFIN20100828_013215_000000502092_00260_44402_0302.N1	28-AUG-2010 01:32:15	Twilight	50.000	151	13Mu Gem	2.8900	3000.0	100	44402	No
20	GOM_NL__2PRFIN20100828_013357_000000472092_00260_44402_0303.N1	28-AUG-2010 01:33:57	Twilight	47.000	44	24Gam Gem	1.9280	11000.	94	44402	No
21	GOM_NL__2PRFIN20100828_013525_000000392092_00260_44402_0304.N1	28-AUG-2010 01:35:25	Twilight	39.000	153	3Bet CMi	2.8940	13100.	78	44402	No
22	GOM_NL__2PRFIN20100828_013810_000000652092_00260_44402_0305.N1	28-AUG-2010 01:38:10	Dark	65.000	14	58Alp Ori	0.87000	3000.0	130	44402	No
23	GOM_NL__2PRFIN20100828_014200_000000342092_00260_44402_0306.N1	28-AUG-2010 01:42:00	Dark	34.000	30	46Eps Ori	1.6940	30000.	68	44402	No
24	GOM_NL__2PRFIN20100828_014327_000000482092_00260_44402_0307.N1	28-AUG-2010 01:43:27	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	44402	No
25	GOM_NL__2PRFIN20100828_014703_000000542092_00260_44402_0308.N1	28-AUG-2010 01:47:03	Dark	53.500	101	11Alp Lep	2.5820	7000.0	107	44402	No
26	GOM_NL__2PRFIN20100828_020157_000000542092_00261_44403_0297.N1	28-AUG-2010 02:01:57	Dark	54.000	157	The1Eri	2.9060	9300.0	108	44403	No
27	GOM_NL__2PRFIN20100828_020430_000000442092_00261_44403_0298.N1	28-AUG-2010 02:04:30	Dark	44.000	9	Alp Eri	0.45300	24000.	88	44403	No
28	GOM_NL__2PRFIN20100828_021028_000000492092_00261_44403_0299.N1	28-AUG-2010 02:10:28	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	44403	No
29	GOM_NL__2PRFIN20100828_021214_000000482092_00261_44403_0300.N1	28-AUG-2010 02:12:14	Straylight	47.500	63	Bet Gru	2.1500	2800.0	95	44403	No
30	GOM_NL__2PRFIN20100828_021655_000000512092_00261_44403_0301.N1	28-AUG-2010 02:16:55	Straylight	51.000	18	24Alp PsA	1.1660	9700.0	102	44403	No
31	GOM_NL__2PRFIN20100828_022155_000000472092_00261_44403_0302.N1	28-AUG-2010 02:21:55	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	44403	No
32	GOM_NL__2PRFIN20100828_022506_000000402092_00261_44403_0303.N1	28-AUG-2010 02:25:06	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	44403	No
33	GOM_NL__2PRFIN20100828_022641_000000422092_00261_44403_0304.N1	28-AUG-2010 02:26:41	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	44403	No
34	GOM_NL__2PRFIN20100828_022943_000000402092_00261_44403_0305.N1	28-AUG-2010 02:29:43	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	44403	No
35	GOM_NL__2PRFIN20100828_023717_000000472092_00261_44403_0306.N1	28-AUG-2010 02:37:17	Bright	47.000	164	44Eta Peg	2.9480	5400.0	94	44403	No
36	GOM_NL__2PRFIN20100828_024446_000000382092_00261_44403_0307.N1	28-AUG-2010 02:44:46	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	44403	No
37	GOM_NL__2PRFIN20100828_024806_000000462092_00261_44403_0308.N1	28-AUG-2010 02:48:06	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	44403	No
38	GOM_NL__2PRFIN20100828_025017_000000482092_00261_44403_0309.N1	28-AUG-2010 02:50:17	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44403	No
39	GOM_NL__2PRFIN20100828_030433_000000592092_00261_44403_0310.N1	28-AUG-2010 03:04:33	Bright	58.500	6	13Alp Aur	0.080000	3400.0	117	44403	No
40	GOM_NL__2PRFIN20100828_030800_000000652092_00261_44403_0311.N1	28-AUG-2010 03:08:00	Bright	65.000	107	37The Aur	2.6490	11000.	130	44403	No
41	GOM_NL__2PRFIN20100828_031252_000000572092_00261_44403_0312.N1	28-AUG-2010 03:12:52	Twilight	56.500	151	13Mu Gem	2.8900	3000.0	113	44403	No
42	GOM_NL__2PRFIN20100828_031433_000000492092_00261_44403_0313.N1	28-AUG-2010 03:14:33	Twilight	48.500	44	24Gam Gem	1.9280	11000.	97	44403	No

43	GOM_NL__2PRFIN20100828_031601_000000402092_00261_44403_0314.N1	28-AUG-2010 03:16:01	Twilight	39.500	153	3Bet CMI	2.8940	13100.	79	44403	No
44	GOM_NL__2PRFIN20100828_031847_000000622092_00261_44403_0315.N1	28-AUG-2010 03:18:47	Dark	61.500	14	58Alp Ori	0.87000	3000.0	123	44403	No
45	GOM_NL__2PRFIN20100828_032237_000000342092_00261_44403_0316.N1	28-AUG-2010 03:22:37	Dark	34.000	30	46Eps Ori	1.6940	30000.	68	44403	No
46	GOM_NL__2PRFIN20100828_032403_000000472092_00261_44403_0317.N1	28-AUG-2010 03:24:03	Dark	47.000	1	9Alp CMA	-1.4400	11000.	94	44403	No
47	GOM_NL__2PRFIN20100828_032739_000000482092_00261_44403_0318.N1	28-AUG-2010 03:27:39	Dark	48.000	101	11Alp Lep	2.5820	7000.0	96	44403	No
48	GOM_NL__2PRFIN20100828_034234_000000562092_00262_44404_0307.N1	28-AUG-2010 03:42:34	Dark	55.500	157	The1Eri	2.9060	9300.0	111	44404	No
49	GOM_NL__2PRFIN20100828_034507_000000472092_00262_44404_0308.N1	28-AUG-2010 03:45:07	Dark	47.000	9	Alp Eri	0.45300	24000.	94	44404	No
50	GOM_NL__2PRFIN20100828_035105_000000562092_00262_44404_0309.N1	28-AUG-2010 03:51:05	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	44404	No
51	GOM_NL__2PRFIN20100828_035251_000000542092_00262_44404_0310.N1	28-AUG-2010 03:52:51	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	44404	No
52	GOM_NL__2PRFIN20100828_035732_000000512092_00262_44404_0311.N1	28-AUG-2010 03:57:32	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	44404	No
53	GOM_NL__2PRFIN20100828_040231_000000482092_00262_44404_0312.N1	28-AUG-2010 04:02:31	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	44404	No
54	GOM_NL__2PRFIN20100828_040542_000000402092_00262_44404_0313.N1	28-AUG-2010 04:05:42	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	44404	No
55	GOM_NL__2PRFIN20100828_040717_000000422092_00262_44404_0314.N1	28-AUG-2010 04:07:17	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	44404	No
56	GOM_NL__2PRFIN20100828_041019_000000412092_00262_44404_0315.N1	28-AUG-2010 04:10:19	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	44404	No
57	GOM_NL__2PRFIN20100828_041753_000000462092_00262_44404_0316.N1	28-AUG-2010 04:17:53	Bright	46.000	164	44Eta Peg	2.9480	5400.0	92	44404	No
58	GOM_NL__2PRFIN20100828_042521_000000372092_00262_44404_0317.N1	28-AUG-2010 04:25:21	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	44404	No
59	GOM_NL__2PRFIN20100828_042841_000000452092_00262_44404_0318.N1	28-AUG-2010 04:28:41	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	44404	No
60	GOM_NL__2PRFIN20100828_043052_000000482092_00262_44404_0319.N1	28-AUG-2010 04:30:52	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44404	No
61	GOM_NL__2PRFIN20100828_044508_000000542092_00262_44404_0320.N1	28-AUG-2010 04:45:08	Bright	54.000	6	13Alp Aur	0.080000	3400.0	108	44404	No
62	GOM_NL__2PRFIN20100828_044836_000000442092_00262_44404_0321.N1	28-AUG-2010 04:48:36	Bright	44.000	107	37The Aur	2.6490	11000.	88	44404	No
63	GOM_NL__2PRFIN20100828_045328_000000542092_00262_44404_0322.N1	28-AUG-2010 04:53:28	Twilight	54.000	151	13Mu Gem	2.8900	3000.0	108	44404	No
64	GOM_NL__2PRFIN20100828_045510_000000472092_00262_44404_0323.N1	28-AUG-2010 04:55:10	Twilight	47.000	44	24Gam Gem	1.9280	11000.	94	44404	No
65	GOM_NL__2PRFIN20100828_045637_000000412092_00262_44404_0324.N1	28-AUG-2010 04:56:37	Twilight	40.500	153	3Bet CMI	2.8940	13100.	81	44404	No
66	GOM_NL__2PRFIN20100828_045923_000000632092_00262_44404_0325.N1	28-AUG-2010 04:59:23	Dark	62.500	14	58Alp Ori	0.87000	3000.0	125	44404	No
67	GOM_NL__2PRFIN20100828_050314_000000252092_00262_44404_0326.N1	28-AUG-2010 05:03:14	Dark	25.000	30	46Eps Ori	1.6940	30000.	50	44404	No
68	GOM_NL__2PRFIN20100828_050440_000000502092_00262_44404_0327.N1	28-AUG-2010 05:04:40	Dark	49.500	1	9Alp CMA	-1.4400	11000.	99	44404	No
69	GOM_NL__2PRFIN20100828_050817_000000522092_00262_44404_0328.N1	28-AUG-2010 05:08:17	Dark	52.000	101	11Alp Lep	2.5820	7000.0	104	44404	No
70	GOM_NL__2PRFIN20100828_052311_000000532092_00263_44405_0318.N1	28-AUG-2010 05:23:11	Dark	53.000	157	The1Eri	2.9060	9300.0	106	44405	No
71	GOM_NL__2PRFIN20100828_052544_000000452092_00263_44405_0319.N1	28-AUG-2010 05:25:44	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44405	No
72	GOM_NL__2PRFIN20100828_053141_000000602092_00263_44405_0320.N1	28-AUG-2010 05:31:41	Straylight	60.000	84	Alp Phe	2.3970	4500.0	120	44405	No
73	GOM_NL__2PRFIN20100828_053327_000000482092_00263_44405_0321.N1	28-AUG-2010 05:33:27	Straylight	47.500	63	Bet Gru	2.1500	2800.0	95	44405	No
74	GOM_NL__2PRFIN20100828_053808_000000452092_00263_44405_0322.N1	28-AUG-2010 05:38:08	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	44405	No
75	GOM_NL__2PRFIN20100828_054307_000000452092_00263_44405_0323.N1	28-AUG-2010 05:43:07	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	44405	No
76	GOM_NL__2PRFIN20100828_054618_000000402092_00263_44405_0324.N1	28-AUG-2010 05:46:18	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	44405	No
77	GOM_NL__2PRFIN20100828_054753_000000432092_00263_44405_0325.N1	28-AUG-2010 05:47:53	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	44405	No
78	GOM_NL__2PRFIN20100828_055055_000000402092_00263_44405_0326.N1	28-AUG-2010 05:50:55	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	44405	No
79	GOM_NL__2PRFIN20100828_055828_000000482092_00263_44405_0327.N1	28-AUG-2010 05:58:28	Bright	47.500	164	44Eta Peg	2.9480	5400.0	95	44405	No
80	GOM_NL__2PRFIN20100828_060557_000000382092_00263_44405_0328.N1	28-AUG-2010 06:05:57	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	44405	No
81	GOM_NL__2PRFIN20100828_060916_000000452092_00263_44405_0329.N1	28-AUG-2010 06:09:16	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	44405	No
82	GOM_NL__2PRFIN20100828_061128_000000462092_00263_44405_0330.N1	28-AUG-2010 06:11:28	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44405	No
83	GOM_NL__2PRFIN20100828_062544_000000542092_00263_44405_0331.N1	28-AUG-2010 06:25:44	Bright	54.000	6	13Alp Aur	0.080000	3400.0	108	44405	No
84	GOM_NL__2PRFIN20100828_062912_000000452092_00263_44405_0332.N1	28-AUG-2010 06:29:12	Bright	44.500	107	37The Aur	2.6490	11000.	89	44405	No
85	GOM_NL__2PRFIN20100828_063405_000000502092_00263_44405_0333.N1	28-AUG-2010 06:34:05	Twilight	50.000	151	13Mu Gem	2.8900	3000.0	100	44405	No
86	GOM_NL__2PRFIN20100828_063546_000000482092_00263_44405_0334.N1	28-AUG-2010 06:35:46	Twilight	48.000	44	24Gam Gem	1.9280	11000.	96	44405	No
87	GOM_NL__2PRFIN20100828_063714_000000412092_00263_44405_0335.N1	28-AUG-2010 06:37:14	Twilight	41.000	153	3Bet CMI	2.8940	13100.	82	44405	No
88	GOM_NL__2PRFIN20100828_064000_000000652092_00263_44405_0336.N1	28-AUG-2010 06:40:00	Dark	64.500	14	58Alp Ori	0.87000	3000.0	129	44405	No
89	GOM_NL__2PRFIN20100828_064351_000000252092_00263_44405_0337.N1	28-AUG-2010 06:43:51	Dark	25.000	30	46Eps Ori	1.6940	30000.	50	44405	No
90	GOM_NL__2PRFIN20100828_064516_000000572092_00263_44405_0338.N1	28-AUG-2010 06:45:16	Dark	56.500	1	9Alp CMA	-1.4400	11000.	113	44405	No
91	GOM_NL__2PRFIN20100828_064854_000000502092_00263_44405_0339.N1	28-AUG-2010 06:48:54	Dark	50.000	101	11Alp Lep	2.5820	7000.0	100	44405	No
92	GOM_NL__2PRFIN20100828_070349_000000512092_00264_44406_0384.N1	28-AUG-2010 07:03:49	Dark	51.000	157	The1Eri	2.9060	9300.0	102	44406	No
93	GOM_NL__2PRFIN20100828_070620_000000542092_00264_44406_0385.N1	28-AUG-2010 07:06:20	Dark	53.500	9	Alp Eri	0.45300	24000.	107	44406	No
94	GOM_NL__2PRFIN20100828_071218_000000532092_00264_44406_0386.N1	28-AUG-2010 07:12:18	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	44406	No
95	GOM_NL__2PRFIN20100828_071404_000000512092_00264_44406_0387.N1	28-AUG-2010 07:14:04	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	44406	No
96	GOM_NL__2PRFIN20100828_071844_000000532092_00264_44406_0388.N1	28-AUG-2010 07:18:44	Straylight	53.000	18	24Alp PsA	1.1660	9700.0	106	44406	No
97	GOM_NL__2PRFIN20100828_072343_000000472092_00264_44406_0389.N1	28-AUG-2010 07:23:43	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	44406	No
98	GOM_NL__2PRFIN20100828_072654_000000392092_00264_44406_0390.N1	28-AUG-2010 07:26:54	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	44406	No
99	GOM_NL__2PRFIN20100828_072829_000000422092_00264_44406_0391.N1	28-AUG-2010 07:28:29	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44406	No
100	GOM_NL__2PRFIN20100828_073131_000000412092_00264_44406_0392.N1	28-AUG-2010 07:31:31	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	44406	No
101	GOM_NL__2PRFIN20100828_073903_000000442092_00264_44406_0393.N1	28-AUG-2010 07:39:03	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	44406	No

102	GOM_NL__2PRFIN20100828_074633_000000372092_00264_44406_0394.N1	28-AUG-2010 07:46:33	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	44406	No
103	GOM_NL__2PRFIN20100828_074952_000000432092_00264_44406_0395.N1	28-AUG-2010 07:49:52	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	44406	No
104	GOM_NL__2PRFIN20100828_075203_000000472092_00264_44406_0396.N1	28-AUG-2010 07:52:03	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	44406	No
105	GOM_NL__2PRFIN20100828_080620_000000492092_00264_44406_0397.N1	28-AUG-2010 08:06:20	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	44406	No
106	GOM_NL__2PRFIN20100828_080948_000000422092_00264_44406_0398.N1	28-AUG-2010 08:09:48	Bright	42.000	107	37The Aur	2.6490	11000.	84	44406	No
107	GOM_NL__2PRFIN20100828_081440_000000572092_00264_44406_0399.N1	28-AUG-2010 08:14:40	Twilight	57.000	151	13Mu Gem	2.8900	3000.0	114	44406	No
108	GOM_NL__2PRFIN20100828_081623_000000492092_00264_44406_0400.N1	28-AUG-2010 08:16:23	Twilight	49.000	44	24Gam Gem	1.9280	11000.	98	44406	No
109	GOM_NL__2PRFIN20100828_081750_000000402092_00264_44406_0401.N1	28-AUG-2010 08:17:50	Twilight	40.000	153	3Bet CMI	2.8940	13100.	80	44406	No
110	GOM_NL__2PRFIN20100828_082037_000000672092_00264_44406_0402.N1	28-AUG-2010 08:20:37	Dark	67.000	14	58Alp Ori	0.87000	3000.0	134	44406	No
111	GOM_NL__2PRFIN20100828_082553_000000572092_00264_44406_0403.N1	28-AUG-2010 08:25:53	Dark	57.000	1	9Alp CMa	-1.4400	11000.	114	44406	No
112	GOM_NL__2PRFIN20100828_082931_000000532092_00264_44406_0404.N1	28-AUG-2010 08:29:31	Dark	52.500	101	11Alp Lep	2.5820	7000.0	105	44406	No
113	GOM_NL__2PRFIN20100828_084426_000000562092_00265_44407_0417.N1	28-AUG-2010 08:44:26	Dark	56.000	157	The1Eri	2.9060	9300.0	112	44407	No
114	GOM_NL__2PRFIN20100828_084657_000000512092_00265_44407_0418.N1	28-AUG-2010 08:46:57	Dark	51.000	9	Alp Eri	0.45300	24000.	102	44407	No
115	GOM_NL__2PRFIN20100828_085255_000000522092_00265_44407_0419.N1	28-AUG-2010 08:52:55	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	44407	No
116	GOM_NL__2PRFIN20100828_085440_000000462092_00265_44407_0420.N1	28-AUG-2010 08:54:40	Straylight	45.500	63	Bet Gru	2.1500	2800.0	91	44407	No
117	GOM_NL__2PRFIN20100828_085921_000000462092_00265_44407_0421.N1	28-AUG-2010 08:59:21	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	44407	No
118	GOM_NL__2PRFIN20100828_090419_000000462092_00265_44407_0422.N1	28-AUG-2010 09:04:19	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	44407	No
119	GOM_NL__2PRFIN20100828_090730_000000402092_00265_44407_0423.N1	28-AUG-2010 09:07:30	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	44407	No
120	GOM_NL__2PRFIN20100828_090905_000000432092_00265_44407_0424.N1	28-AUG-2010 09:09:05	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	44407	No
121	GOM_NL__2PRFIN20100828_091207_000000432092_00265_44407_0425.N1	28-AUG-2010 09:12:07	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	44407	No
122	GOM_NL__2PRFIN20100828_091939_000000482092_00265_44407_0426.N1	28-AUG-2010 09:19:39	Bright	48.000	164	44Eta Peg	2.9480	5400.0	96	44407	No
123	GOM_NL__2PRFIN20100828_092709_000000382092_00265_44407_0427.N1	28-AUG-2010 09:27:09	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	44407	No
124	GOM_NL__2PRFIN20100828_093027_000000442092_00265_44407_0428.N1	28-AUG-2010 09:30:27	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	44407	No
125	GOM_NL__2PRFIN20100828_093238_000000472092_00265_44407_0429.N1	28-AUG-2010 09:32:38	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	44407	No
126	GOM_NL__2PRFIN20100828_094656_000000492092_00265_44407_0430.N1	28-AUG-2010 09:46:56	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	44407	No
127	GOM_NL__2PRFIN20100828_095024_000000442092_00265_44407_0431.N1	28-AUG-2010 09:50:24	Bright	44.000	107	37The Aur	2.6490	11000.	88	44407	No
128	GOM_NL__2PRFIN20100828_095517_000000532092_00265_44407_0432.N1	28-AUG-2010 09:55:17	Twilight	53.000	151	13Mu Gem	2.8900	3000.0	106	44407	No
129	GOM_NL__2PRFIN20100828_095659_000000472092_00265_44407_0433.N1	28-AUG-2010 09:56:59	Twilight	47.000	44	24Gam Gem	1.9280	11000.	94	44407	No
130	GOM_NL__2PRFIN20100828_095826_000000402092_00265_44407_0434.N1	28-AUG-2010 09:58:26	Twilight	39.500	153	3Bet CMI	2.8940	13100.	79	44407	No
131	GOM_NL__2PRFIN20100828_100113_000000712092_00265_44407_0435.N1	28-AUG-2010 10:01:13	Dark	71.000	14	58Alp Ori	0.87000	3000.0	142	44407	No
132	GOM_NL__2PRFIN20100828_100630_000000472092_00265_44407_0436.N1	28-AUG-2010 10:06:30	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	44407	No
133	GOM_NL__2PRFIN20100828_101007_000000532092_00265_44407_0437.N1	28-AUG-2010 10:10:07	Dark	53.000	101	11Alp Lep	2.5820	7000.0	106	44407	No
134	GOM_NL__2PRFIN20100828_102503_000000562092_00266_44408_0443.N1	28-AUG-2010 10:25:03	Dark	56.000	157	The1Eri	2.9060	9300.0	112	44408	No
135	GOM_NL__2PRFIN20100828_102733_000000472092_00266_44408_0444.N1	28-AUG-2010 10:27:33	Dark	47.000	9	Alp Eri	0.45300	24000.	94	44408	No
136	GOM_NL__2PRFIN20100828_103331_000000522092_00266_44408_0445.N1	28-AUG-2010 10:33:31	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	44408	No
137	GOM_NL__2PRFIN20100828_103516_000000432092_00266_44408_0446.N1	28-AUG-2010 10:35:16	Straylight	43.000	63	Bet Gru	2.1500	2800.0	86	44408	No
138	GOM_NL__2PRFIN20100828_103956_000000522092_00266_44408_0447.N1	28-AUG-2010 10:39:56	Straylight	51.500	18	24Alp PsA	1.1660	9700.0	103	44408	No
139	GOM_NL__2PRFIN20100828_104455_000000442092_00266_44408_0448.N1	28-AUG-2010 10:44:55	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	44408	No
140	GOM_NL__2PRFIN20100828_104806_000000392092_00266_44408_0449.N1	28-AUG-2010 10:48:06	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44408	No
141	GOM_NL__2PRFIN20100828_104941_000000422092_00266_44408_0450.N1	28-AUG-2010 10:49:41	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44408	No
142	GOM_NL__2PRFIN20100828_105242_000000432092_00266_44408_0451.N1	28-AUG-2010 10:52:42	Bright	43.000	61	8Eps Peg	2.1000	3900.0	86	44408	No
143	GOM_NL__2PRFIN20100828_110014_000000452092_00266_44408_0452.N1	28-AUG-2010 11:00:14	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	44408	No
144	GOM_NL__2PRFIN20100828_110745_000000392092_00266_44408_0453.N1	28-AUG-2010 11:07:45	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44408	No
145	GOM_NL__2PRFIN20100828_111102_000000422092_00266_44408_0454.N1	28-AUG-2010 11:11:02	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	44408	No
146	GOM_NL__2PRFIN20100828_111313_000000482092_00266_44408_0455.N1	28-AUG-2010 11:13:13	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44408	No
147	GOM_NL__2PRFIN20100828_112732_000000432092_00266_44408_0456.N1	28-AUG-2010 11:27:32	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	44408	No
148	GOM_NL__2PRFIN20100828_113100_000000452092_00266_44408_0457.N1	28-AUG-2010 11:31:00	Bright	45.000	107	37The Aur	2.6490	11000.	90	44408	No
149	GOM_NL__2PRFIN20100828_113553_000000522092_00266_44408_0458.N1	28-AUG-2010 11:35:53	Twilight	51.500	151	13Mu Gem	2.8900	3000.0	103	44408	No
150	GOM_NL__2PRFIN20100828_113735_000000512092_00266_44408_0459.N1	28-AUG-2010 11:37:35	Twilight	50.500	44	24Gam Gem	1.9280	11000.	101	44408	No
151	GOM_NL__2PRFIN20100828_113902_000000402092_00266_44408_0460.N1	28-AUG-2010 11:39:02	Twilight	40.000	153	3Bet CMI	2.8940	13100.	80	44408	No
152	GOM_NL__2PRFIN20100828_114150_000000712092_00266_44408_0461.N1	28-AUG-2010 11:41:50	Dark	71.000	14	58Alp Ori	0.87000	3000.0	142	44408	No
153	GOM_NL__2PRFIN20100828_114706_000000492092_00266_44408_0462.N1	28-AUG-2010 11:47:06	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	44408	No
154	GOM_NL__2PRFIN20100828_115044_000000512092_00266_44408_0463.N1	28-AUG-2010 11:50:44	Dark	50.500	101	11Alp Lep	2.5820	7000.0	101	44408	No
155	GOM_NL__2PRFIN20100828_120540_000000562092_00267_44409_0463.N1	28-AUG-2010 12:05:40	Dark	55.500	157	The1Eri	2.9060	9300.0	111	44409	No
156	GOM_NL__2PRFIN20100828_120810_000000452092_00267_44409_0464.N1	28-AUG-2010 12:08:10	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44409	No
157	GOM_NL__2PRFIN20100828_121408_000000542092_00267_44409_0465.N1	28-AUG-2010 12:14:08	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	44409	No
158	GOM_NL__2PRFIN20100828_121552_000000442092_00267_44409_0466.N1	28-AUG-2010 12:15:52	Straylight	43.500	63	Bet Gru	2.1500	2800.0	87	44409	No
159	GOM_NL__2PRFIN20100828_122033_000000502092_00267_44409_0467.N1	28-AUG-2010 12:20:33	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	44409	No
160	GOM_NL__2PRFIN20100828_122531_000000462092_00267_44409_0468.N1	28-AUG-2010 12:25:31	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	44409	No

161	GOM_NL__2PRFIN20100828_122842_000000382092_00267_44409_0469.N1	28-AUG-2010 12:28:42	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	44409	No
162	GOM_NL__2PRFIN20100828_123017_000000422092_00267_44409_0470.N1	28-AUG-2010 12:30:17	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44409	No
163	GOM_NL__2PRFIN20100828_123318_000000382092_00267_44409_0471.N1	28-AUG-2010 12:33:18	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	44409	No
164	GOM_NL__2PRFIN20100828_124050_000000452092_00267_44409_0472.N1	28-AUG-2010 12:40:50	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	44409	No
165	GOM_NL__2PRFIN20100828_124820_000000392092_00267_44409_0473.N1	28-AUG-2010 12:48:20	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44409	No
166	GOM_NL__2PRFIN20100828_125348_000000482092_00267_44409_0474.N1	28-AUG-2010 12:53:48	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44409	No
167	GOM_NL__2PRFIN20100828_130807_000000432092_00267_44409_0475.N1	28-AUG-2010 13:08:07	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	44409	No
168	GOM_NL__2PRFIN20100828_131136_000000452092_00267_44409_0476.N1	28-AUG-2010 13:11:36	Bright	45.000	107	37The Aur	2.6490	11000.	90	44409	No
169	GOM_NL__2PRFIN20100828_131629_000000592092_00267_44409_0477.N1	28-AUG-2010 13:16:29	Twi_and_stray	58.500	151	13Mu Gem	2.8900	3000.0	117	44409	No
170	GOM_NL__2PRFIN20100828_131812_000000492092_00267_44409_0478.N1	28-AUG-2010 13:18:12	Twi_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	44409	No
171	GOM_NL__2PRFIN20100828_131939_000000402092_00267_44409_0479.N1	28-AUG-2010 13:19:39	Twilight	40.000	153	3Bet CMi	2.8940	13100.	80	44409	No
172	GOM_NL__2PRFIN20100828_132227_000000622092_00267_44409_0480.N1	28-AUG-2010 13:22:27	Dark	62.000	14	58Alp Ori	0.87000	3000.0	124	44409	No
173	GOM_NL__2PRFIN20100828_132743_000000562092_00267_44409_0481.N1	28-AUG-2010 13:27:43	Dark	55.500	1	9Alp CMa	-1.4400	11000.	111	44409	No
174	GOM_NL__2PRFIN20100828_133121_000000532092_00267_44409_0482.N1	28-AUG-2010 13:31:21	Dark	53.000	101	11Alp Lep	2.5820	7000.0	106	44409	No
175	GOM_NL__2PRFIN20100828_134617_000000552092_00268_44410_0505.N1	28-AUG-2010 13:46:17	Dark	55.000	157	The1Eri	2.9060	9300.0	110	44410	No
176	GOM_NL__2PRFIN20100828_134846_000000452092_00268_44410_0506.N1	28-AUG-2010 13:48:46	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44410	No
177	GOM_NL__2PRFIN20100828_135444_000000502092_00268_44410_0507.N1	28-AUG-2010 13:54:44	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	44410	No
178	GOM_NL__2PRFIN20100828_135629_000000482092_00268_44410_0508.N1	28-AUG-2010 13:56:29	Straylight	48.000	63	Bet Gru	2.1500	2800.0	96	44410	No
179	GOM_NL__2PRFIN20100828_140109_000000482092_00268_44410_0509.N1	28-AUG-2010 14:01:09	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	44410	No
180	GOM_NL__2PRFIN20100828_140607_000000472092_00268_44410_0510.N1	28-AUG-2010 14:06:07	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	44410	No
181	GOM_NL__2PRFIN20100828_140918_000000392092_00268_44410_0511.N1	28-AUG-2010 14:09:18	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	44410	No
182	GOM_NL__2PRFIN20100828_141052_000000432092_00268_44410_0512.N1	28-AUG-2010 14:10:52	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	44410	No
183	GOM_NL__2PRFIN20100828_141354_000000412092_00268_44410_0513.N1	28-AUG-2010 14:13:54	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	44410	No
184	GOM_NL__2PRFIN20100828_142125_000000472092_00268_44410_0514.N1	28-AUG-2010 14:21:25	Bright	47.000	164	44Eta Peg	2.9480	5400.0	94	44410	No
185	GOM_NL__2PRFIN20100828_142856_000000392092_00268_44410_0515.N1	28-AUG-2010 14:28:56	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44410	No
186	GOM_NL__2PRFIN20100828_143213_000000422092_00268_44410_0516.N1	28-AUG-2010 14:32:13	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	44410	No
187	GOM_NL__2PRFIN20100828_143424_000000462092_00268_44410_0517.N1	28-AUG-2010 14:34:24	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	44410	No
188	GOM_NL__2PRFIN20100828_144843_000000372092_00268_44410_0518.N1	28-AUG-2010 14:48:43	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	44410	No
189	GOM_NL__2PRFIN20100828_145211_000000462092_00268_44410_0519.N1	28-AUG-2010 14:52:11	Bright	46.000	107	37The Aur	2.6490	11000.	92	44410	No
190	GOM_NL__2PRFIN20100828_145705_000000512092_00268_44410_0520.N1	28-AUG-2010 14:57:05	Twi_and_stray	51.000	151	13Mu Gem	2.8900	3000.0	102	44410	No
191	GOM_NL__2PRFIN20100828_145848_000000442092_00268_44410_0521.N1	28-AUG-2010 14:58:48	Twi_and_stray	44.000	44	24Gam Gem	1.9280	11000.	88	44410	No
192	GOM_NL__2PRFIN20100828_150015_000000382092_00268_44410_0522.N1	28-AUG-2010 15:00:15	Twilight	38.000	153	3Bet CMi	2.8940	13100.	76	44410	No
193	GOM_NL__2PRFIN20100828_150303_000000722092_00268_44410_0523.N1	28-AUG-2010 15:03:03	Dark	71.500	14	58Alp Ori	0.87000	3000.0	143	44410	No
194	GOM_NL__2PRFIN20100828_150819_000000482092_00268_44410_0524.N1	28-AUG-2010 15:08:19	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	44410	No
195	GOM_NL__2PRFIN20100828_151158_000000502092_00268_44410_0525.N1	28-AUG-2010 15:11:58	Dark	49.500	101	11Alp Lep	2.5820	7000.0	99	44410	No
196	GOM_NL__2PRFIN20100828_152654_000000542092_00269_44411_0541.N1	28-AUG-2010 15:26:54	Dark	54.000	157	The1Eri	2.9060	9300.0	108	44411	No
197	GOM_NL__2PRFIN20100828_152923_000000432092_00269_44411_0542.N1	28-AUG-2010 15:29:23	Dark	43.000	9	Alp Eri	0.45300	24000.	86	44411	No
198	GOM_NL__2PRFIN20100828_153521_000000552092_00269_44411_0543.N1	28-AUG-2010 15:35:21	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	44411	No
199	GOM_NL__2PRFIN20100828_153705_000000402092_00269_44411_0544.N1	28-AUG-2010 15:37:05	Straylight	40.000	63	Bet Gru	2.1500	2800.0	80	44411	No
200	GOM_NL__2PRFIN20100828_154145_000000492092_00269_44411_0545.N1	28-AUG-2010 15:41:45	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	44411	No
201	GOM_NL__2PRFIN20100828_154643_000000462092_00269_44411_0546.N1	28-AUG-2010 15:46:43	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	44411	No
202	GOM_NL__2PRFIN20100828_154954_000000392092_00269_44411_0547.N1	28-AUG-2010 15:49:54	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44411	No
203	GOM_NL__2PRFIN20100828_155128_000000422092_00269_44411_0548.N1	28-AUG-2010 15:51:28	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44411	No
204	GOM_NL__2PRFIN20100828_155429_000000422092_00269_44411_0549.N1	28-AUG-2010 15:54:29	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	44411	No
205	GOM_NL__2PRFIN20100828_160200_000000452092_00269_44411_0550.N1	28-AUG-2010 16:02:00	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	44411	No
206	GOM_NL__2PRFIN20100828_160932_000000392092_00269_44411_0551.N1	28-AUG-2010 16:09:32	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44411	No
207	GOM_NL__2PRFIN20100828_161248_000000462092_00269_44411_0552.N1	28-AUG-2010 16:12:48	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	44411	No
208	GOM_NL__2PRFIN20100828_161459_000000482092_00269_44411_0553.N1	28-AUG-2010 16:14:59	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44411	No
209	GOM_NL__2PRFIN20100828_162919_000000372092_00269_44411_0554.N1	28-AUG-2010 16:29:19	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	44411	No
210	GOM_NL__2PRFIN20100828_163248_000000432092_00269_44411_0555.N1	28-AUG-2010 16:32:48	Bright	43.000	107	37The Aur	2.6490	11000.	86	44411	No
211	GOM_NL__2PRFIN20100828_163742_000000532092_00269_44411_0556.N1	28-AUG-2010 16:37:42	Twi_and_stray	53.000	151	13Mu Gem	2.8900	3000.0	106	44411	No
212	GOM_NL__2PRFIN20100828_163924_000000502092_00269_44411_0557.N1	28-AUG-2010 16:39:24	Twi_and_stray	49.500	44	24Gam Gem	1.9280	11000.	99	44411	No
213	GOM_NL__2PRFIN20100828_164051_000000402092_00269_44411_0558.N1	28-AUG-2010 16:40:51	Twilight	40.000	153	3Bet CMi	2.8940	13100.	80	44411	No
214	GOM_NL__2PRFIN20100828_164340_000000722092_00269_44411_0559.N1	28-AUG-2010 16:43:40	Dark	72.000	14	58Alp Ori	0.87000	3000.0	144	44411	No
215	GOM_NL__2PRFIN20100828_164856_000000512092_00269_44411_0560.N1	28-AUG-2010 16:48:56	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	44411	No
216	GOM_NL__2PRFIN20100828_165235_000000522092_00269_44411_0561.N1	28-AUG-2010 16:52:35	Dark	51.500	101	11Alp Lep	2.5820	7000.0	103	44411	No
217	GOM_NL__2PRFIN20100828_170732_000000572092_00270_44412_0568.N1	28-AUG-2010 17:07:32	Dark	56.500	157	The1Eri	2.9060	9300.0	113	44412	No
218	GOM_NL__2PRFIN20100828_171000_000000442092_00270_44412_0569.N1	28-AUG-2010 17:10:00	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44412	No
219	GOM_NL__2PRFIN20100828_171557_000000572092_00270_44412_0570.N1	28-AUG-2010 17:15:57	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	44412	No

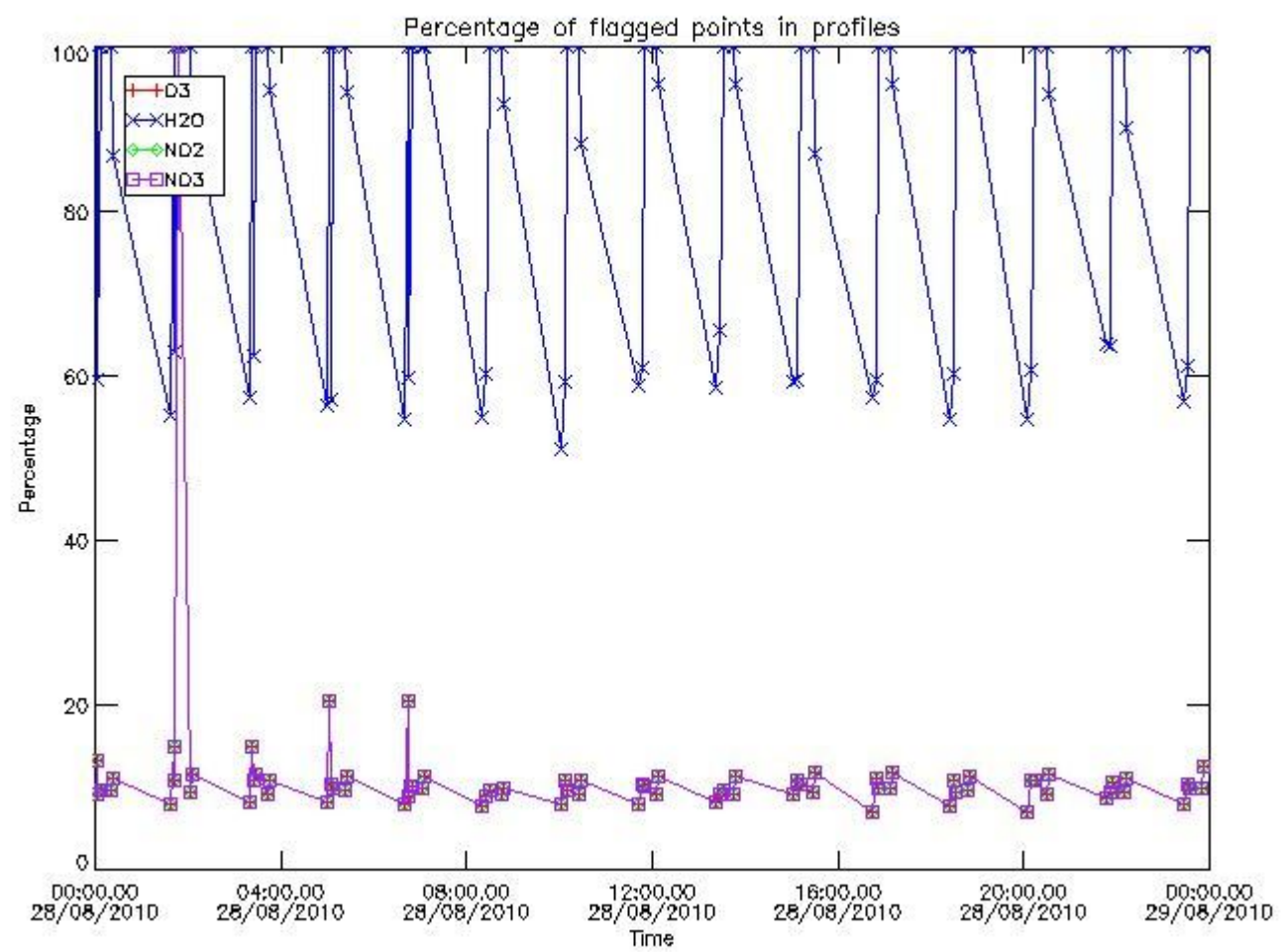
220	GOM_NL__2PRFIN20100828_171741_000000492092_00270_44412_0571.N1	28-AUG-2010 17:17:41	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	44412	No
221	GOM_NL__2PRFIN20100828_172222_000000542092_00270_44412_0572.N1	28-AUG-2010 17:22:22	Straylight	53.500	18	24Alp PsA	1.1660	9700.0	107	44412	No
222	GOM_NL__2PRFIN20100828_172719_000000472092_00270_44412_0573.N1	28-AUG-2010 17:27:19	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	44412	No
223	GOM_NL__2PRFIN20100828_173030_000000392092_00270_44412_0574.N1	28-AUG-2010 17:30:30	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44412	No
224	GOM_NL__2PRFIN20100828_173204_000000422092_00270_44412_0575.N1	28-AUG-2010 17:32:04	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44412	No
225	GOM_NL__2PRFIN20100828_173505_000000412092_00270_44412_0576.N1	28-AUG-2010 17:35:05	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	44412	No
226	GOM_NL__2PRFIN20100828_174235_000000492092_00270_44412_0577.N1	28-AUG-2010 17:42:35	Bright	49.000	164	44Eta Peg	2.9480	5400.0	98	44412	No
227	GOM_NL__2PRFIN20100828_175008_000000382092_00270_44412_0578.N1	28-AUG-2010 17:50:08	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	44412	No
228	GOM_NL__2PRFIN20100828_175323_000000462092_00270_44412_0579.N1	28-AUG-2010 17:53:23	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	44412	No
229	GOM_NL__2PRFIN20100828_175534_000000482092_00270_44412_0580.N1	28-AUG-2010 17:55:34	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44412	No
230	GOM_NL__2PRFIN20100828_180955_000000312092_00270_44412_0581.N1	28-AUG-2010 18:09:55	Tw_i_and_stray	31.000	6	13Alp Aur	0.080000	3400.0	62	44412	No
231	GOM_NL__2PRFIN20100828_181324_000000442092_00270_44412_0582.N1	28-AUG-2010 18:13:24	Bright	44.000	107	37The Aur	2.6490	11000.	88	44412	No
232	GOM_NL__2PRFIN20100828_181818_000000562092_00270_44412_0583.N1	28-AUG-2010 18:18:18	Tw_i_and_stray	56.000	151	13Mu Gem	2.8900	3000.0	112	44412	No
233	GOM_NL__2PRFIN20100828_182000_000000482092_00270_44412_0584.N1	28-AUG-2010 18:20:00	Tw_i_and_stray	47.500	44	24Gam Gem	1.9280	11000.	95	44412	No
234	GOM_NL__2PRFIN20100828_182127_000000412092_00270_44412_0585.N1	28-AUG-2010 18:21:27	Twilight	40.500	153	3Bet CMI	2.8940	13100.	81	44412	No
235	GOM_NL__2PRFIN20100828_182417_000000672092_00270_44412_0586.N1	28-AUG-2010 18:24:17	Dark	66.500	14	58Alp Ori	0.87000	3000.0	133	44412	No
236	GOM_NL__2PRFIN20100828_182932_000000472092_00270_44412_0587.N1	28-AUG-2010 18:29:32	Dark	47.000	1	9Alp CMA	-1.4400	11000.	94	44412	No
237	GOM_NL__2PRFIN20100828_183312_000000542092_00270_44412_0588.N1	28-AUG-2010 18:33:12	Dark	54.000	101	11Alp Lep	2.5820	7000.0	108	44412	No
238	GOM_NL__2PRFIN20100828_184809_000000532092_00271_44413_0600.N1	28-AUG-2010 18:48:09	Dark	52.500	157	The1Eri	2.9060	9300.0	105	44413	No
239	GOM_NL__2PRFIN20100828_185036_000000452092_00271_44413_0601.N1	28-AUG-2010 18:50:36	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44413	No
240	GOM_NL__2PRFIN20100828_185634_000000542092_00271_44413_0602.N1	28-AUG-2010 18:56:34	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	44413	No
241	GOM_NL__2PRFIN20100828_185817_000000542092_00271_44413_0603.N1	28-AUG-2010 18:58:17	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	44413	No
242	GOM_NL__2PRFIN20100828_190258_000000502092_00271_44413_0604.N1	28-AUG-2010 19:02:58	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	44413	No
243	GOM_NL__2PRFIN20100828_190755_000000472092_00271_44413_0605.N1	28-AUG-2010 19:07:55	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	44413	No
244	GOM_NL__2PRFIN20100828_191106_000000392092_00271_44413_0606.N1	28-AUG-2010 19:11:06	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	44413	No
245	GOM_NL__2PRFIN20100828_191240_000000432092_00271_44413_0607.N1	28-AUG-2010 19:12:40	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	44413	No
246	GOM_NL__2PRFIN20100828_191541_000000442092_00271_44413_0608.N1	28-AUG-2010 19:15:41	Bright	43.500	61	8Eps Peg	2.1000	3900.0	87	44413	No
247	GOM_NL__2PRFIN20100828_192310_000000502092_00271_44413_0609.N1	28-AUG-2010 19:23:10	Bright	49.500	164	44Eta Peg	2.9480	5400.0	99	44413	No
248	GOM_NL__2PRFIN20100828_193044_000000392092_00271_44413_0610.N1	28-AUG-2010 19:30:44	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44413	No
249	GOM_NL__2PRFIN20100828_193358_000000442092_00271_44413_0611.N1	28-AUG-2010 19:33:58	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	44413	No
250	GOM_NL__2PRFIN20100828_193609_000000472092_00271_44413_0612.N1	28-AUG-2010 19:36:09	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	44413	No
251	GOM_NL__2PRFIN20100828_195030_000000312092_00271_44413_0613.N1	28-AUG-2010 19:50:30	Tw_i_and_stray	31.000	6	13Alp Aur	0.080000	3400.0	62	44413	No
252	GOM_NL__2PRFIN20100828_195400_000000472092_00271_44413_0614.N1	28-AUG-2010 19:54:00	Bright	47.000	107	37The Aur	2.6490	11000.	94	44413	No
253	GOM_NL__2PRFIN20100828_195854_000000522092_00271_44413_0615.N1	28-AUG-2010 19:58:54	Tw_i_and_stray	51.500	151	13Mu Gem	2.8900	3000.0	103	44413	No
254	GOM_NL__2PRFIN20100828_200037_000000492092_00271_44413_0616.N1	28-AUG-2010 20:00:37	Tw_i_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	44413	No
255	GOM_NL__2PRFIN20100828_200204_000000402092_00271_44413_0617.N1	28-AUG-2010 20:02:04	Twilight	39.500	153	3Bet CMI	2.8940	13100.	79	44413	No
256	GOM_NL__2PRFIN20100828_200453_000000722092_00271_44413_0618.N1	28-AUG-2010 20:04:53	Dark	72.000	14	58Alp Ori	0.87000	3000.0	144	44413	No
257	GOM_NL__2PRFIN20100828_201008_000000482092_00271_44413_0619.N1	28-AUG-2010 20:10:08	Dark	47.500	1	9Alp CMA	-1.4400	11000.	95	44413	No
258	GOM_NL__2PRFIN20100828_201349_000000522092_00271_44413_0620.N1	28-AUG-2010 20:13:49	Dark	51.500	101	11Alp Lep	2.5820	7000.0	103	44413	No
259	GOM_NL__2PRFIN20100828_202846_000000562092_00272_44414_0624.N1	28-AUG-2010 20:28:46	Dark	55.500	157	The1Eri	2.9060	9300.0	111	44414	No
260	GOM_NL__2PRFIN20100828_203113_000000452092_00272_44414_0625.N1	28-AUG-2010 20:31:13	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44414	No
261	GOM_NL__2PRFIN20100828_203711_000000612092_00272_44414_0626.N1	28-AUG-2010 20:37:11	Straylight	60.500	84	Alp Phe	2.3970	4500.0	121	44414	No
262	GOM_NL__2PRFIN20100828_203853_000000512092_00272_44414_0627.N1	28-AUG-2010 20:38:53	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	44414	No
263	GOM_NL__2PRFIN20100828_204334_000000512092_00272_44414_0628.N1	28-AUG-2010 20:43:34	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	44414	No
264	GOM_NL__2PRFIN20100828_204831_000000542092_00272_44414_0629.N1	28-AUG-2010 20:48:31	Bright	54.000	142	49Del Cap	2.8500	8900.0	108	44414	No
265	GOM_NL__2PRFIN20100828_205142_000000382092_00272_44414_0630.N1	28-AUG-2010 20:51:42	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	44414	No
266	GOM_NL__2PRFIN20100828_205316_000000422092_00272_44414_0631.N1	28-AUG-2010 20:53:16	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	44414	No
267	GOM_NL__2PRFIN20100828_205618_000000392092_00272_44414_0632.N1	28-AUG-2010 20:56:18	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	44414	No
268	GOM_NL__2PRFIN20100828_210346_000000442092_00272_44414_0633.N1	28-AUG-2010 21:03:46	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	44414	No
269	GOM_NL__2PRFIN20100828_211119_000000402092_00272_44414_0634.N1	28-AUG-2010 21:11:19	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	44414	No
270	GOM_NL__2PRFIN20100828_211433_000000472092_00272_44414_0635.N1	28-AUG-2010 21:14:33	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	44414	No
271	GOM_NL__2PRFIN20100828_211644_000000472092_00272_44414_0636.N1	28-AUG-2010 21:16:44	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	44414	No
272	GOM_NL__2PRFIN20100828_213106_000000252092_00272_44414_0637.N1	28-AUG-2010 21:31:06	Tw_i_and_stray	25.000	6	13Alp Aur	0.080000	3400.0	50	44414	No
273	GOM_NL__2PRFIN20100828_213436_000000442092_00272_44414_0638.N1	28-AUG-2010 21:34:36	Bright	44.000	107	37The Aur	2.6490	11000.	88	44414	No
274	GOM_NL__2PRFIN20100828_213930_000000572092_00272_44414_0639.N1	28-AUG-2010 21:39:30	Tw_i_and_stray	57.000	151	13Mu Gem	2.8900	3000.0	114	44414	No
275	GOM_NL__2PRFIN20100828_214113_000000472092_00272_44414_0640.N1	28-AUG-2010 21:41:13	Tw_i_and_stray	46.500	44	24Gam Gem	1.9280	11000.	93	44414	No
276	GOM_NL__2PRFIN20100828_214240_000000392092_00272_44414_0641.N1	28-AUG-2010 21:42:40	Twilight	38.500	153	3Bet CMI	2.8940	13100.	77	44414	No
277	GOM_NL__2PRFIN20100828_214530_000000582092_00272_44414_0642.N1	28-AUG-2010 21:45:30	Dark	58.000	14	58Alp Ori	0.87000	3000.0	116	44414	No
278	GOM_NL__2PRFIN20100828_215045_000000542092_00272_44414_0643.N1	28-AUG-2010 21:50:45	Dark	54.000	1	9Alp CMA	-1.4400	11000.	108	44414	No

279	GOM_NL__2PRFIN20100828_215426_000000532092_00272_44414_0644.N1	28-AUG-2010 21:54:26	Dark	52.500	101	11Alp Lep	2.5820	7000.0	105	44414	No
280	GOM_NL__2PRFIN20100828_220923_000000542092_00273_44415_0647.N1	28-AUG-2010 22:09:23	Dark	54.000	157	The1Eri	2.9060	9300.0	108	44415	No
281	GOM_NL__2PRFIN20100828_221149_000000462092_00273_44415_0648.N1	28-AUG-2010 22:11:49	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44415	No
282	GOM_NL__2PRFIN20100828_221747_000000542092_00273_44415_0649.N1	28-AUG-2010 22:17:47	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	44415	No
283	GOM_NL__2PRFIN20100828_221933_000000512092_00273_44415_0650.N1	28-AUG-2010 22:19:33	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	44415	No
284	GOM_NL__2PRFIN20100828_222410_000000492092_00273_44415_0651.N1	28-AUG-2010 22:24:10	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	44415	No
285	GOM_NL__2PRFIN20100828_222907_000000472092_00273_44415_0652.N1	28-AUG-2010 22:29:07	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	44415	No
286	GOM_NL__2PRFIN20100828_223218_000000392092_00273_44415_0653.N1	28-AUG-2010 22:32:18	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44415	No
287	GOM_NL__2PRFIN20100828_223352_000000422092_00273_44415_0654.N1	28-AUG-2010 22:33:52	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	44415	No
288	GOM_NL__2PRFIN20100828_223653_000000392092_00273_44415_0655.N1	28-AUG-2010 22:36:53	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	44415	No
289	GOM_NL__2PRFIN20100828_224422_000000472092_00273_44415_0656.N1	28-AUG-2010 22:44:22	Bright	46.500	164	44Eta Peg	2.9480	5400.0	93	44415	No
290	GOM_NL__2PRFIN20100828_225155_000000382092_00273_44415_0657.N1	28-AUG-2010 22:51:55	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	44415	No
291	GOM_NL__2PRFIN20100828_225509_000000462092_00273_44415_0658.N1	28-AUG-2010 22:55:09	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	44415	No
292	GOM_NL__2PRFIN20100828_225720_000000472092_00273_44415_0659.N1	28-AUG-2010 22:57:20	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	44415	No
293	GOM_NL__2PRFIN20100828_231142_000000252092_00273_44415_0660.N1	28-AUG-2010 23:11:42	Twilight	25.000	6	13Alp Aur	0.080000	3400.0	50	44415	No
294	GOM_NL__2PRFIN20100828_231511_000000642092_00273_44415_0661.N1	28-AUG-2010 23:15:11	Bright	64.000	107	37The Aur	2.6490	11000.	128	44415	No
295	GOM_NL__2PRFIN20100828_232007_000000582092_00273_44415_0662.N1	28-AUG-2010 23:20:07	Twilight	58.000	151	13Mu Gem	2.8900	3000.0	116	44415	No
296	GOM_NL__2PRFIN20100828_232149_000000472092_00273_44415_0663.N1	28-AUG-2010 23:21:49	Twilight	46.500	44	24Gam Gem	1.9280	11000.	93	44415	No
297	GOM_NL__2PRFIN20100828_232316_000000372092_00273_44415_0664.N1	28-AUG-2010 23:23:16	Twilight	37.000	153	3Bet CMi	2.8940	13100.	74	44415	No
298	GOM_NL__2PRFIN20100828_232606_000000702092_00273_44415_0665.N1	28-AUG-2010 23:26:06	Dark	70.000	14	58Alp Ori	0.87000	3000.0	140	44415	No
299	GOM_NL__2PRFIN20100828_233121_000000502092_00273_44415_0666.N1	28-AUG-2010 23:31:21	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	44415	No
300	GOM_NL__2PRFIN20100828_233503_000000522092_00273_44415_0667.N1	28-AUG-2010 23:35:03	Dark	52.000	101	11Alp Lep	2.5820	7000.0	104	44415	No
301	GOM_NL__2PRFIN20100828_235000_000000522092_00274_44416_0661.N1	28-AUG-2010 23:50:00	Dark	51.500	157	The1Eri	2.9060	9300.0	103	44416	No
302	GOM_NL__2PRFIN20100828_235226_000000452092_00274_44416_0662.N1	28-AUG-2010 23:52:26	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44416	No
303	GOM_NL__2PRFIN20100828_235824_000000522092_00274_44416_0663.N1	28-AUG-2010 23:58:24	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	44416	No

3. Quality information per product

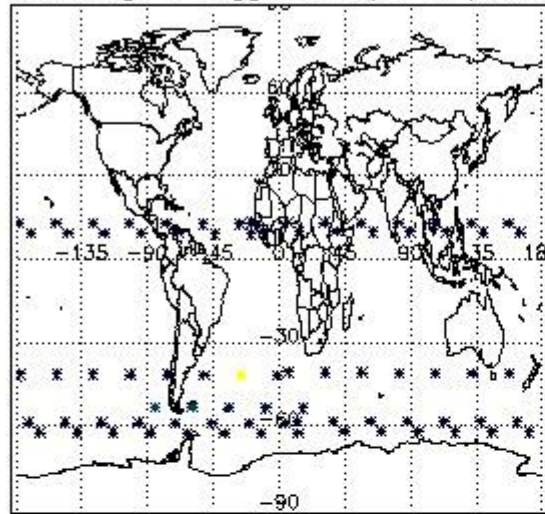
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

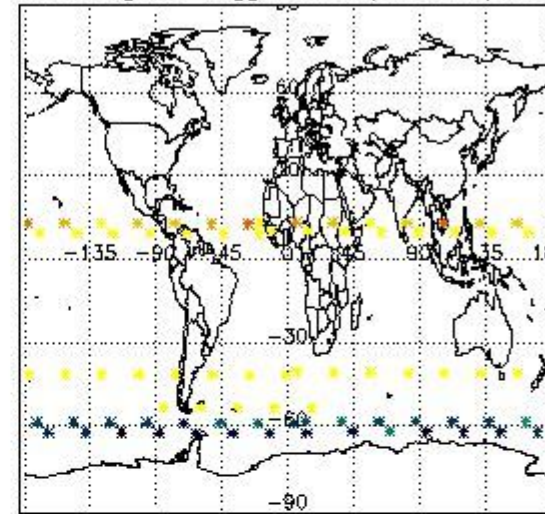


3.2 Plot quality information per product (world map)

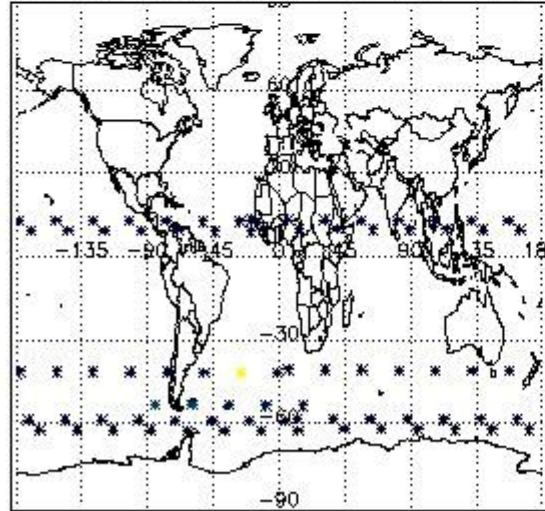
Percentage of flagged data per O3 profile



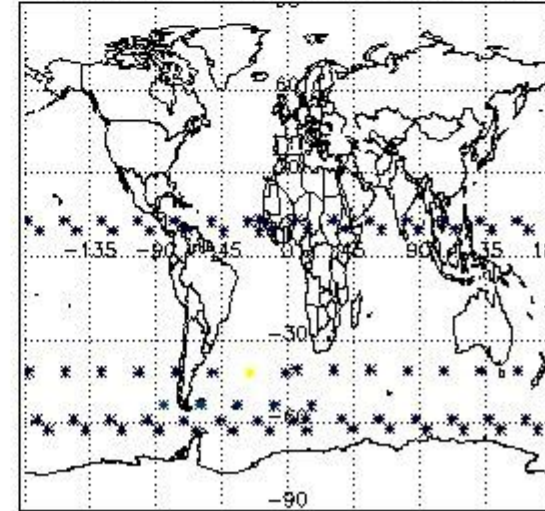
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

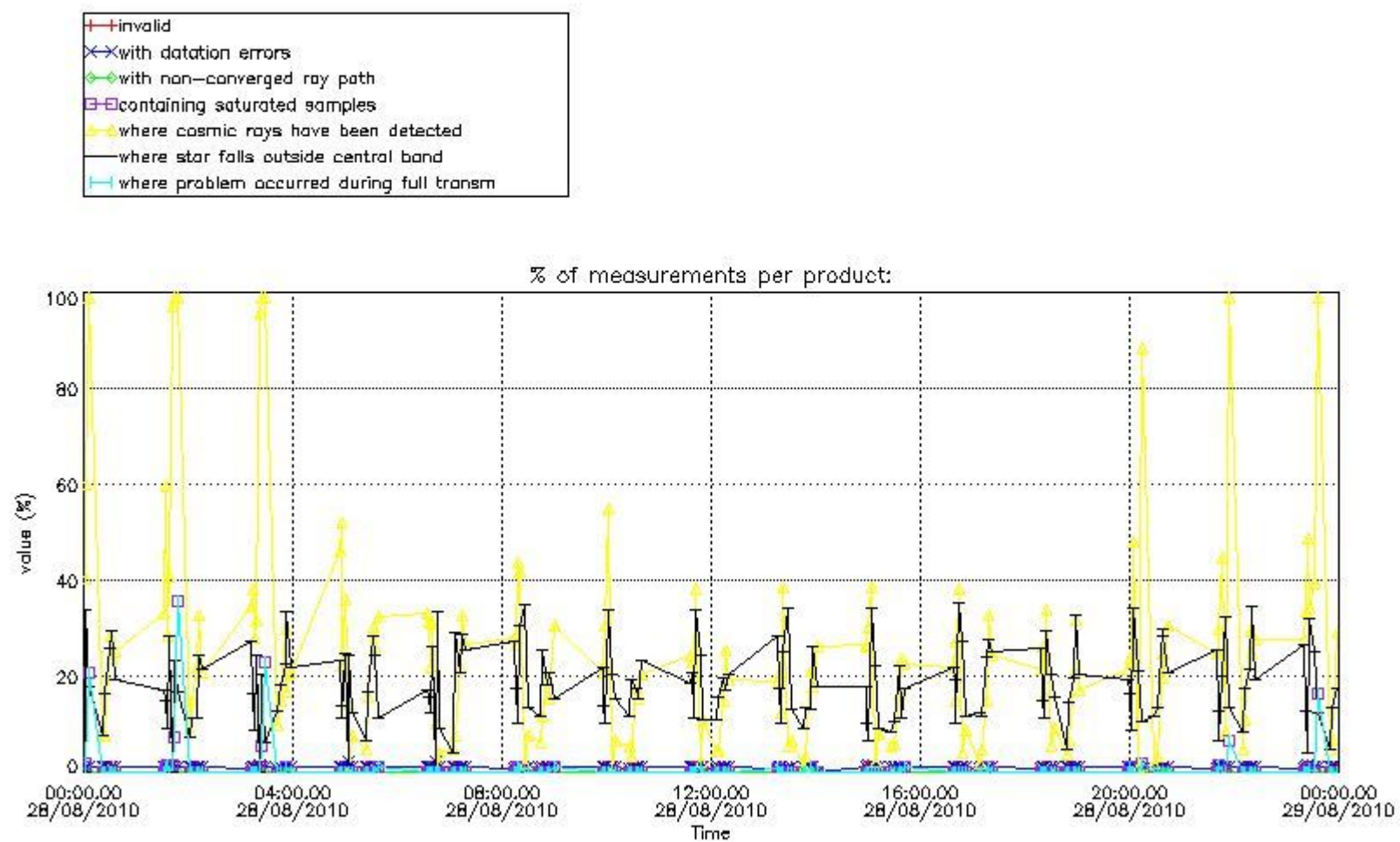


4. Level 1 quality information per product

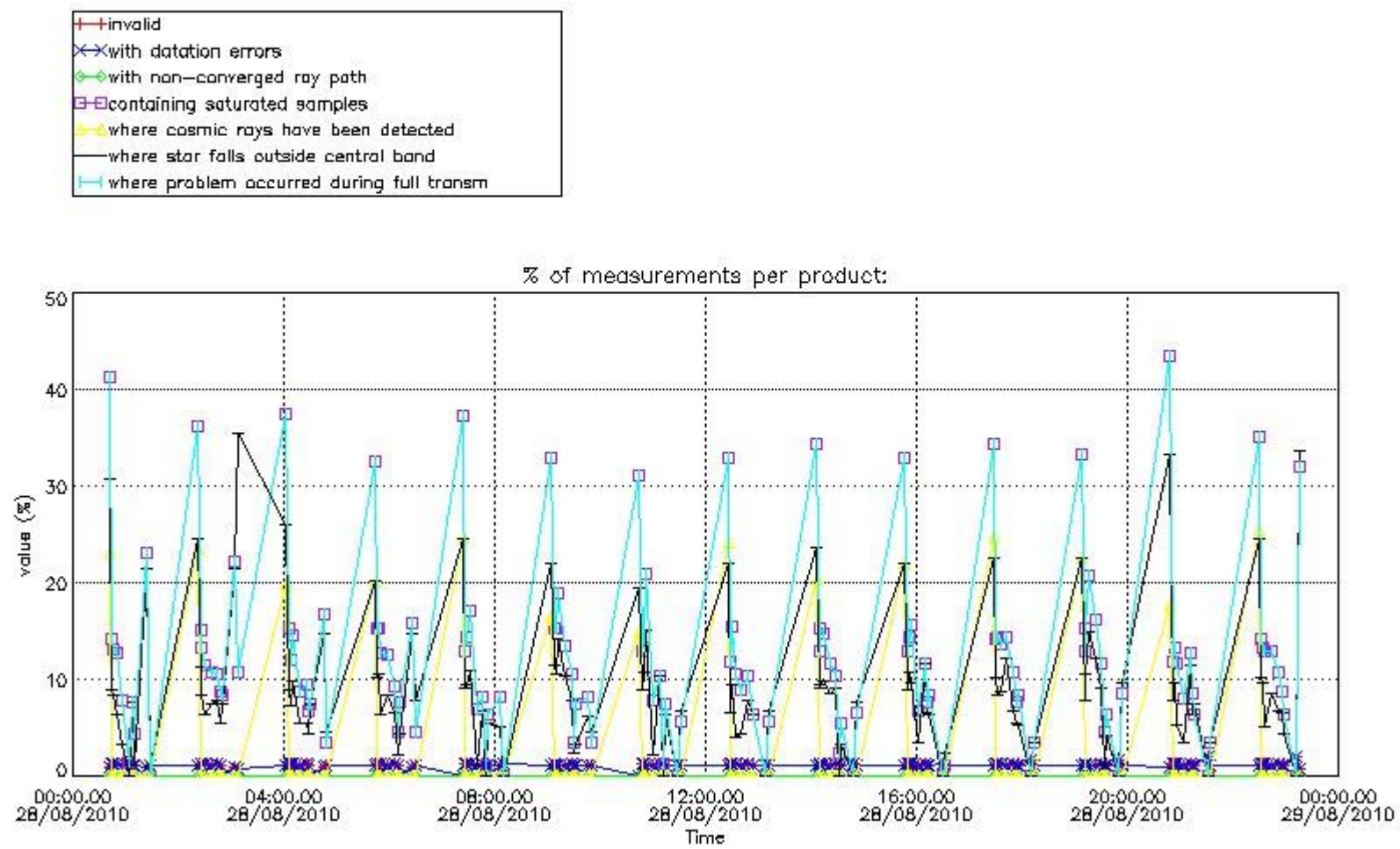
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

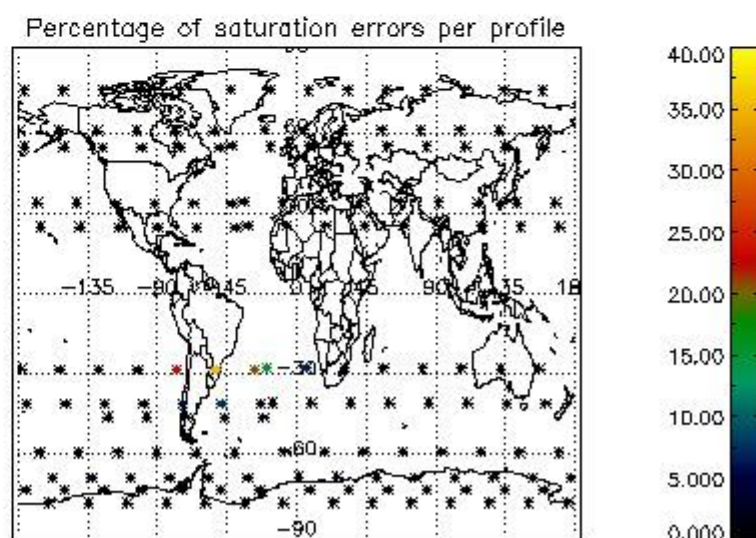
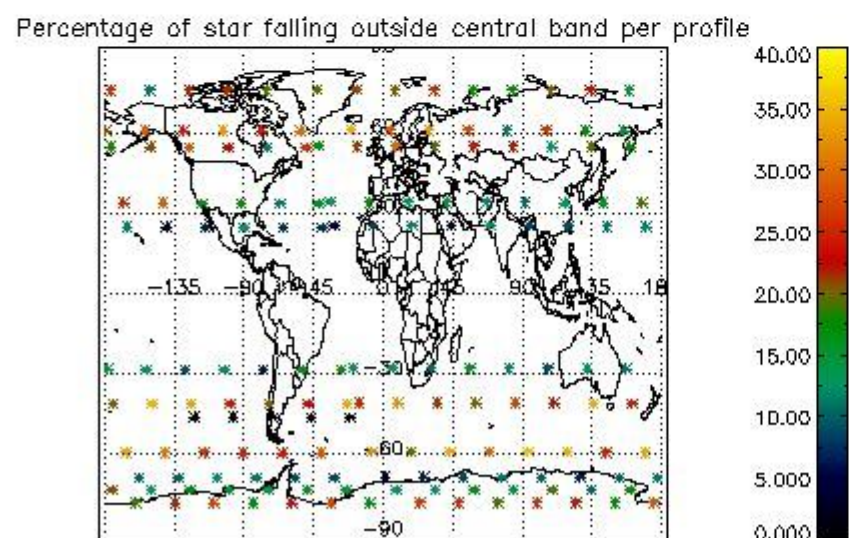
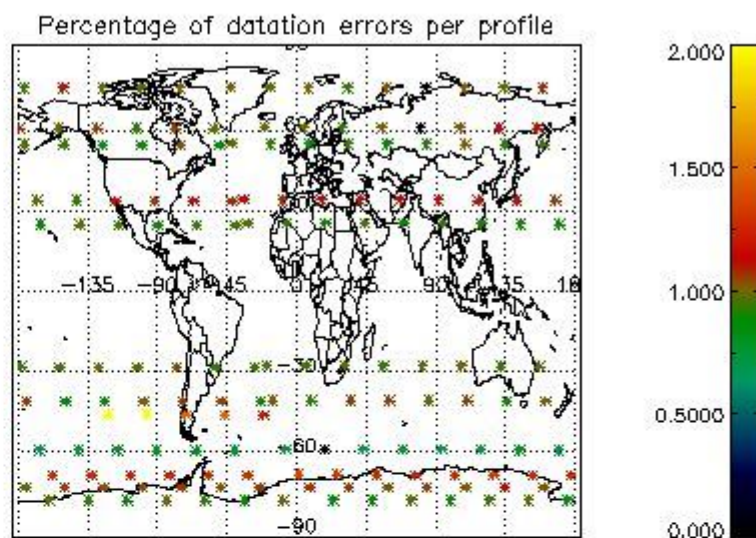
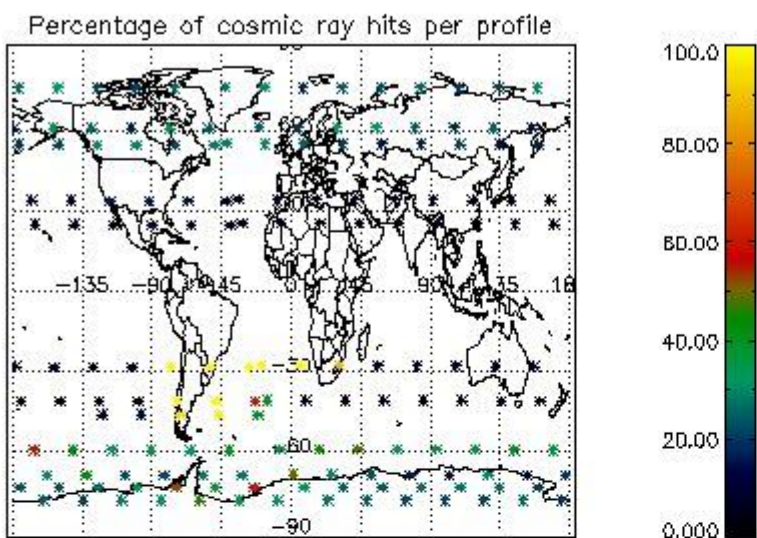


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

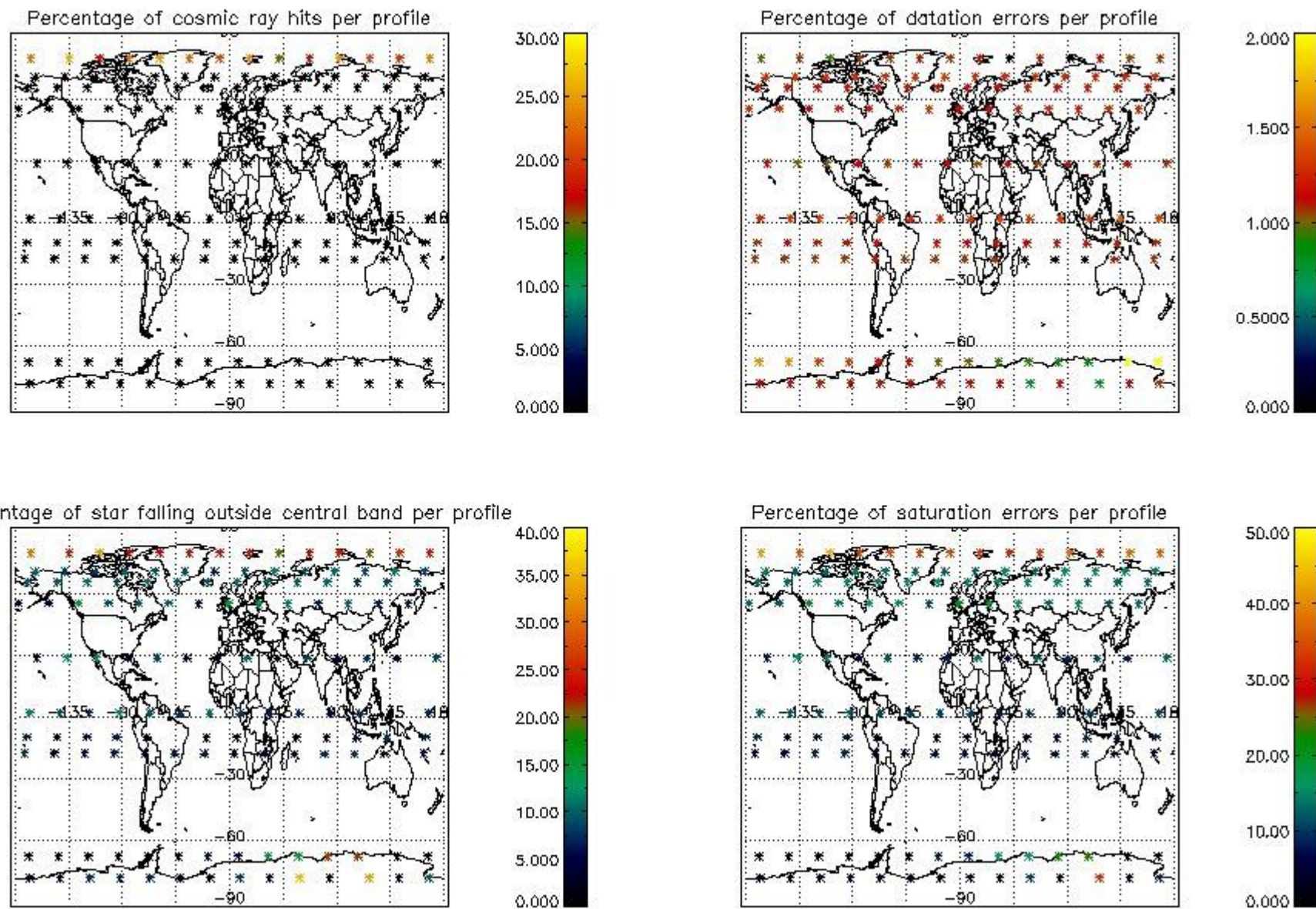


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

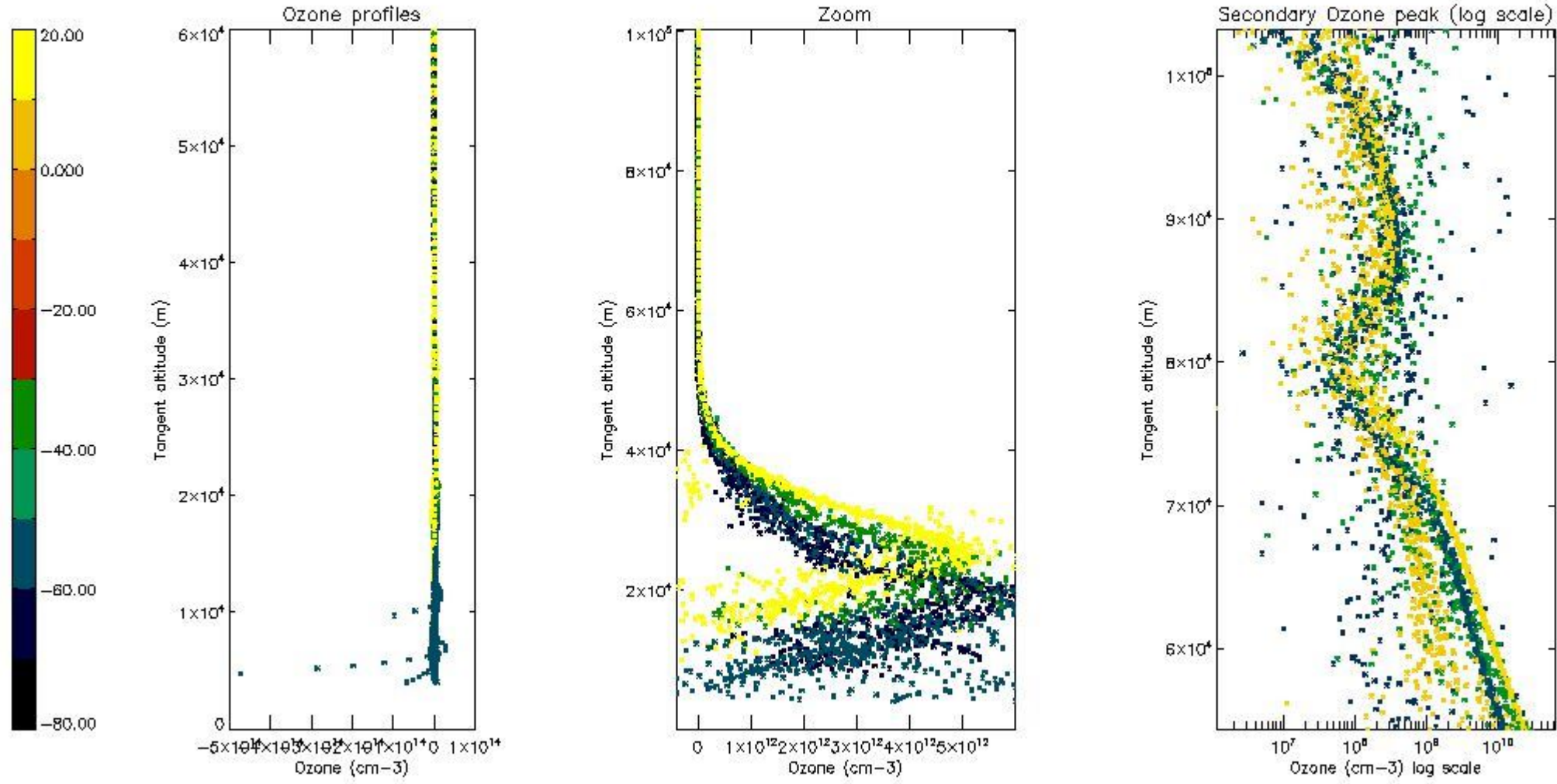
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	15

STD < 10	12
STD < 5	7

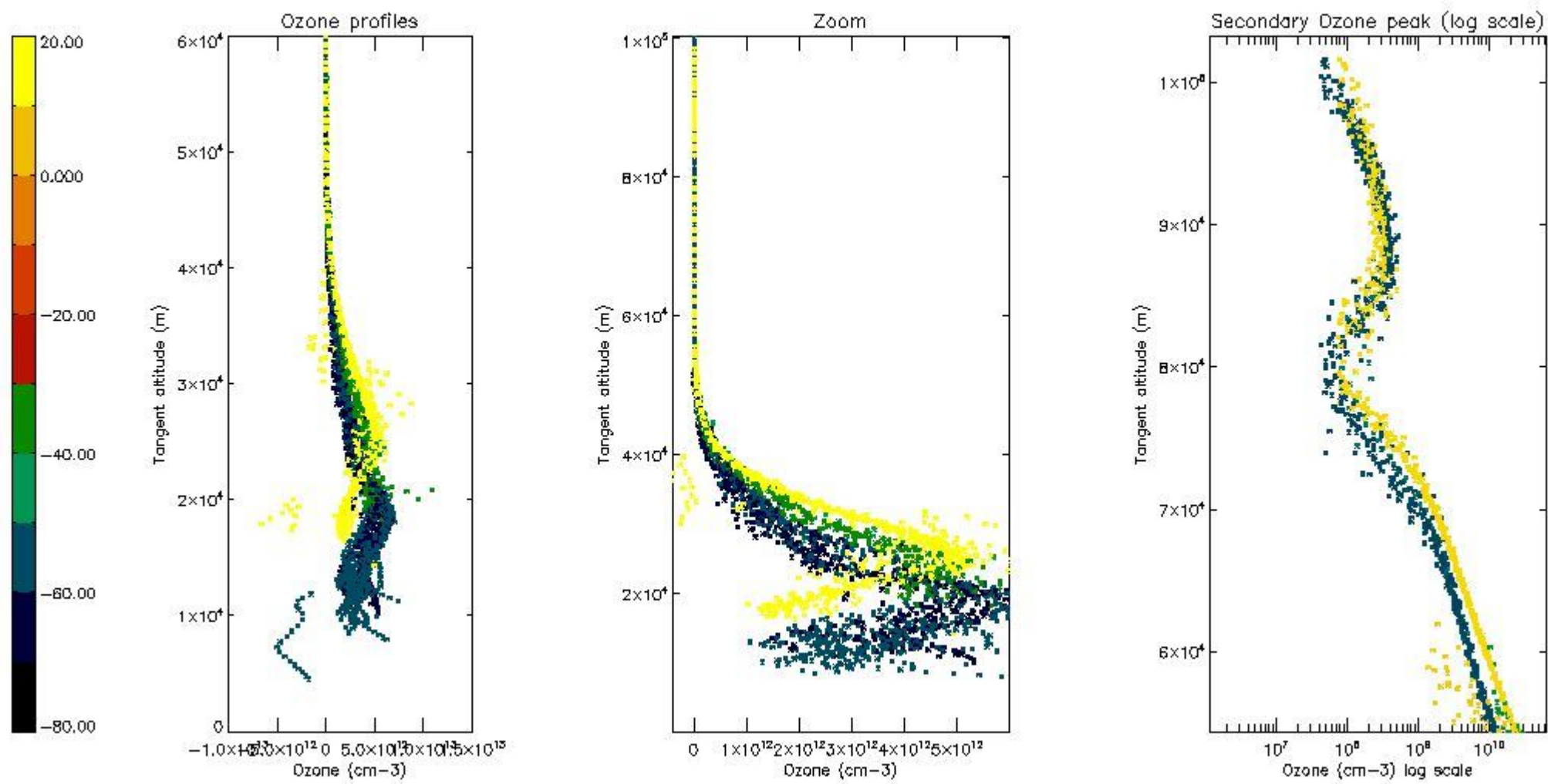
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



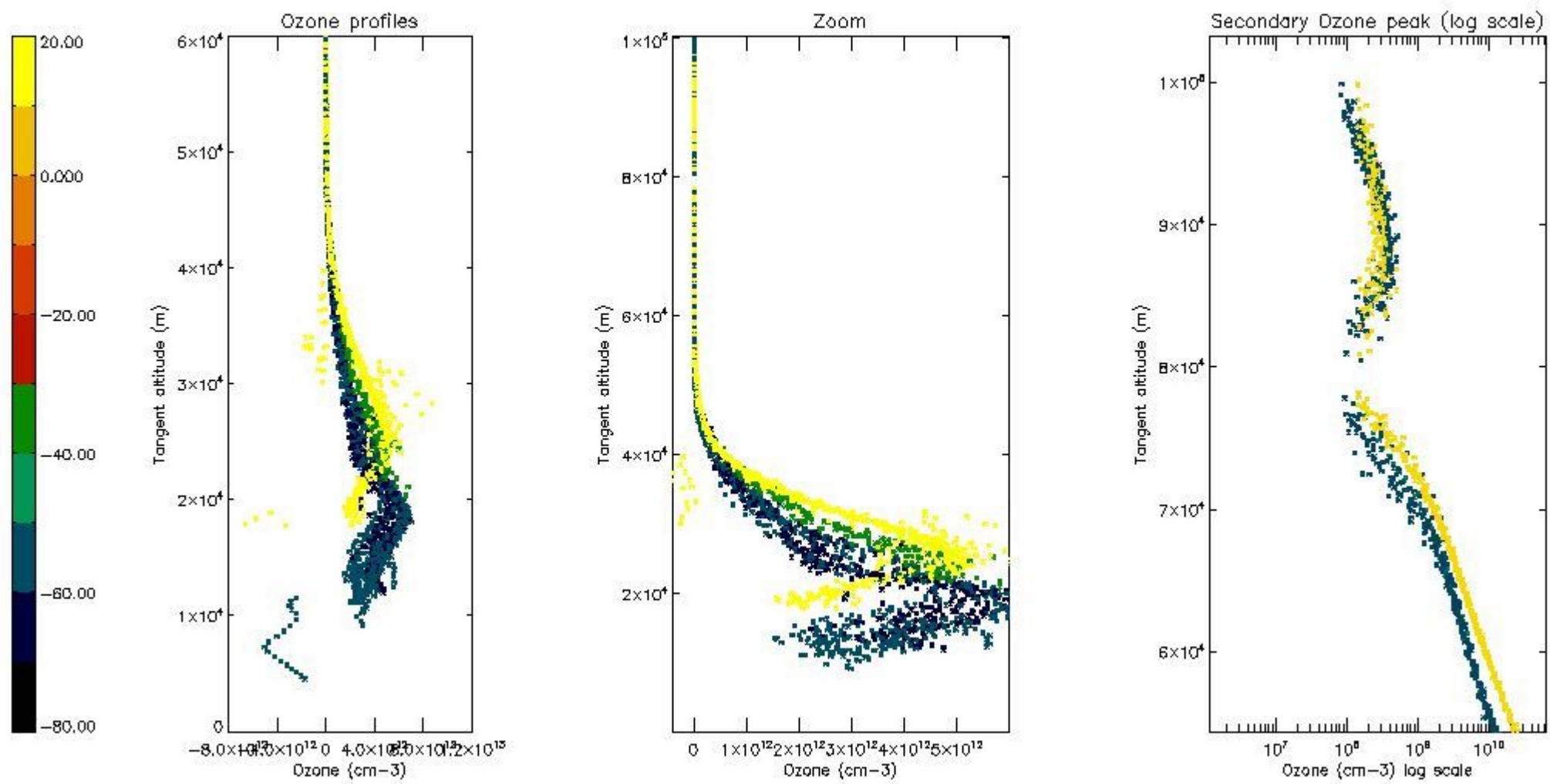
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



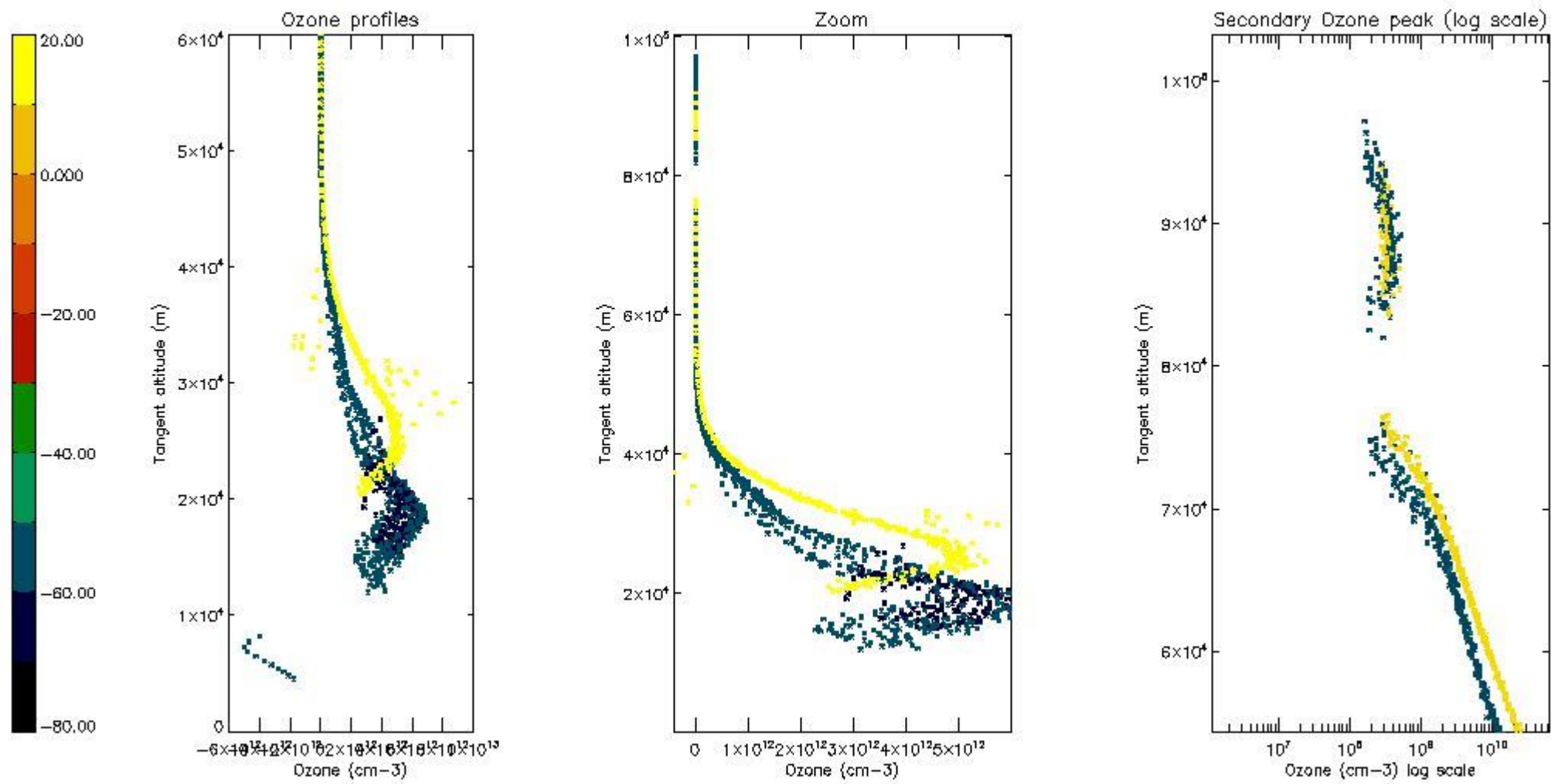
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



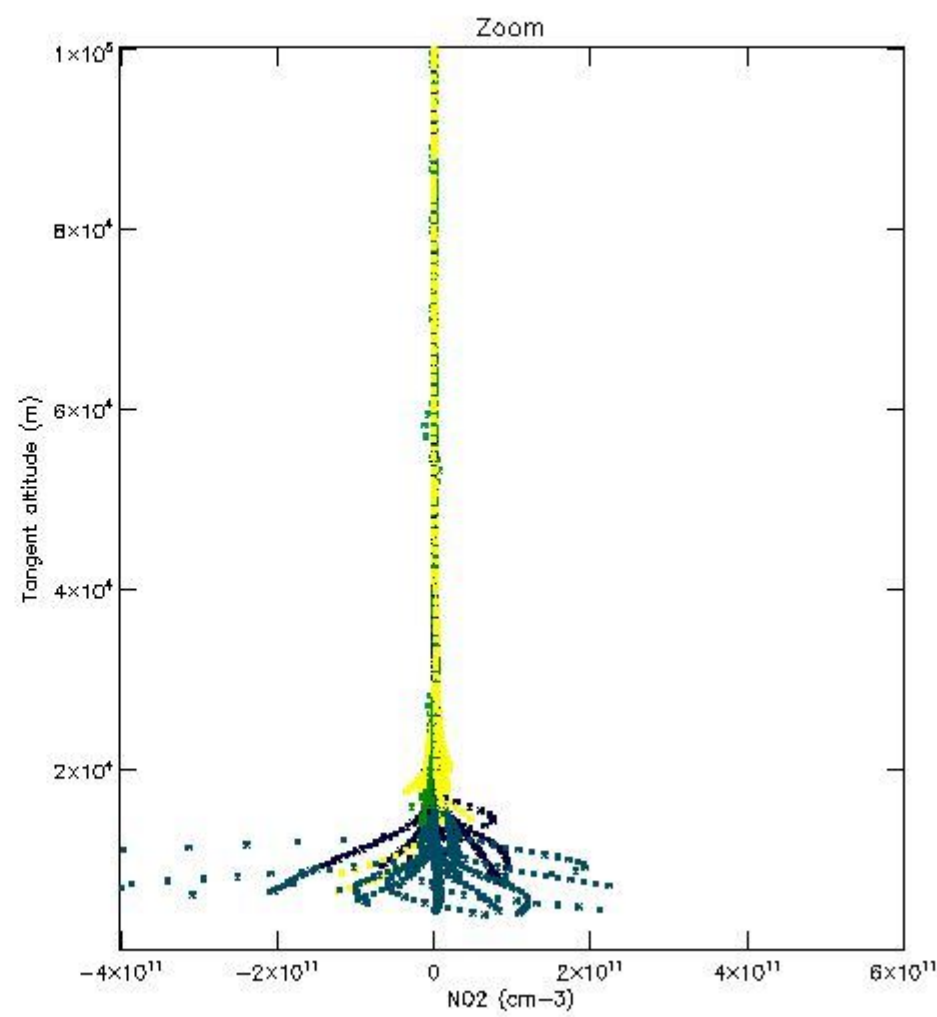
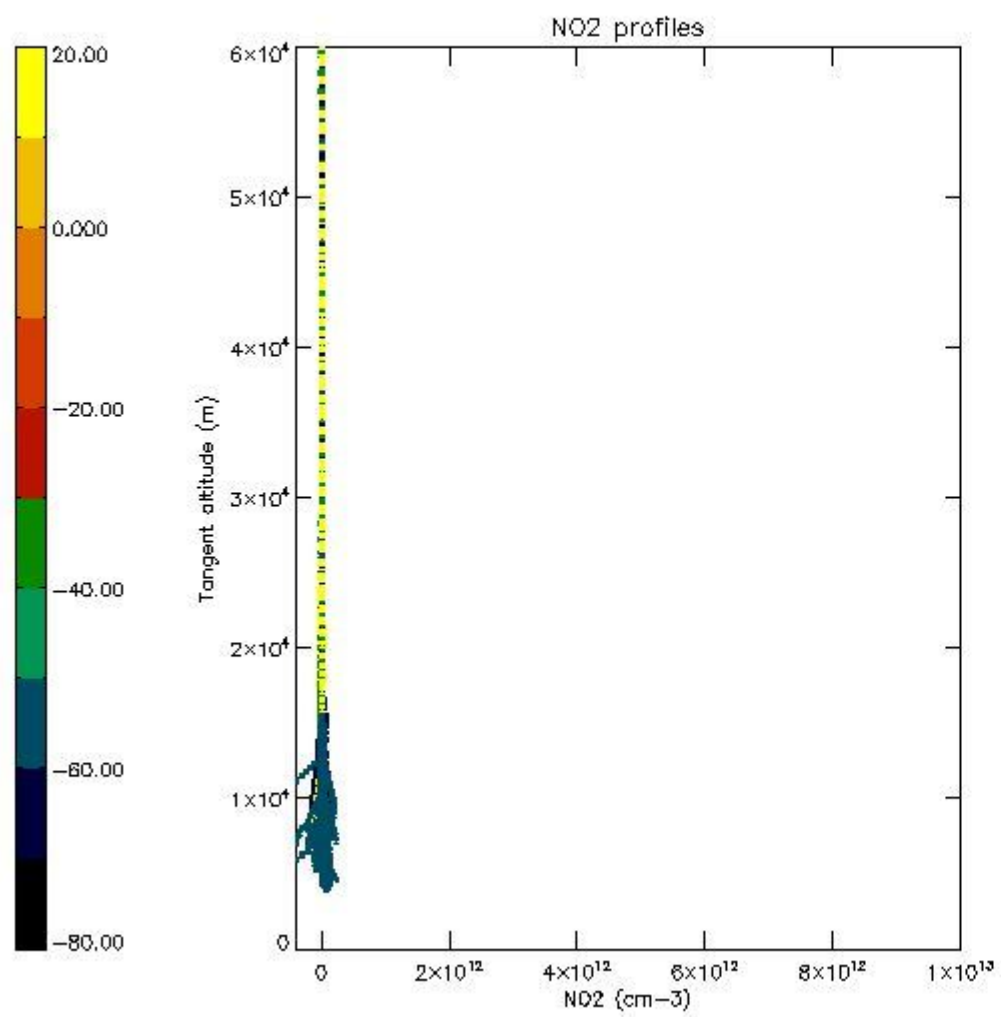
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



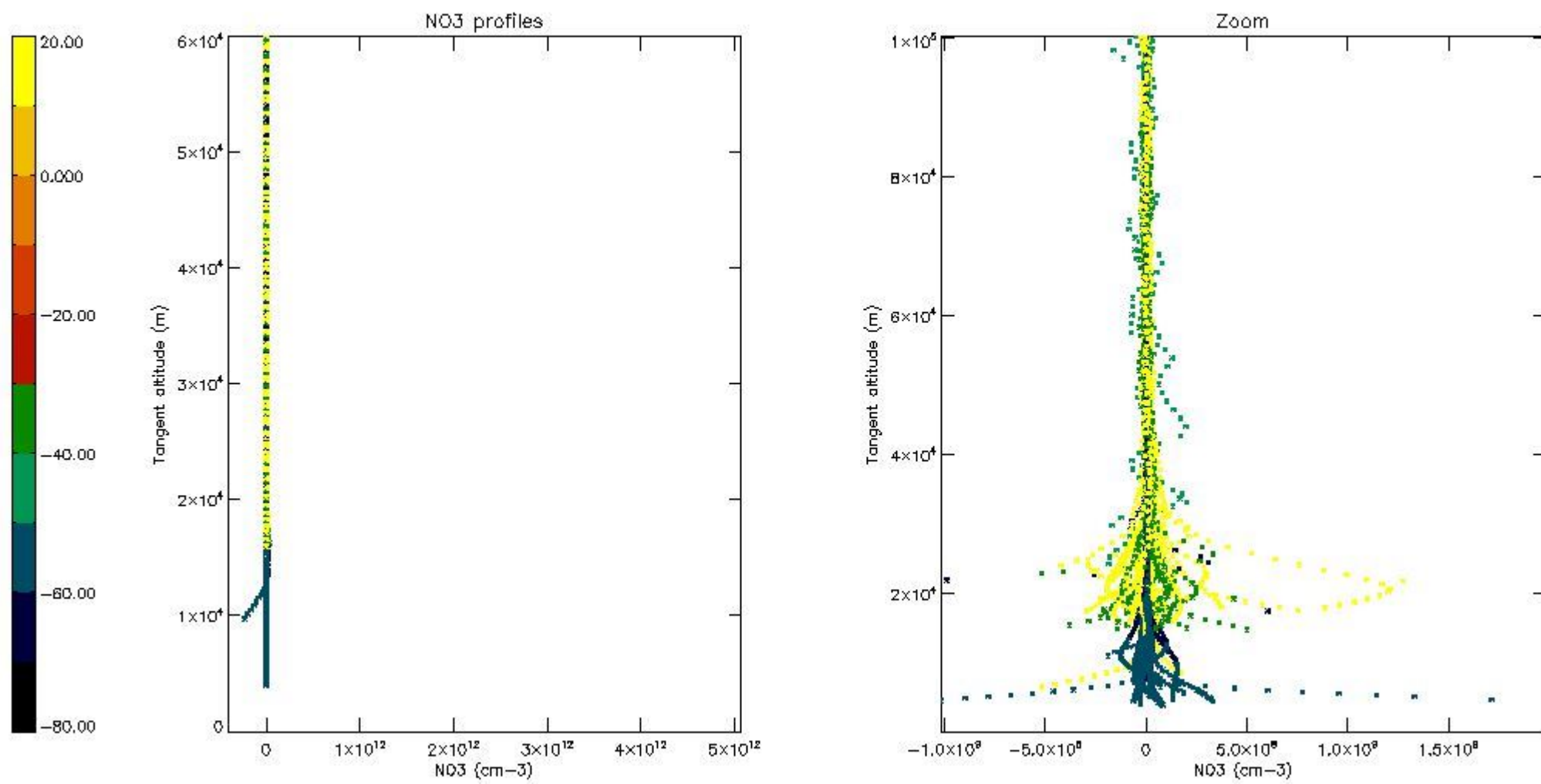
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



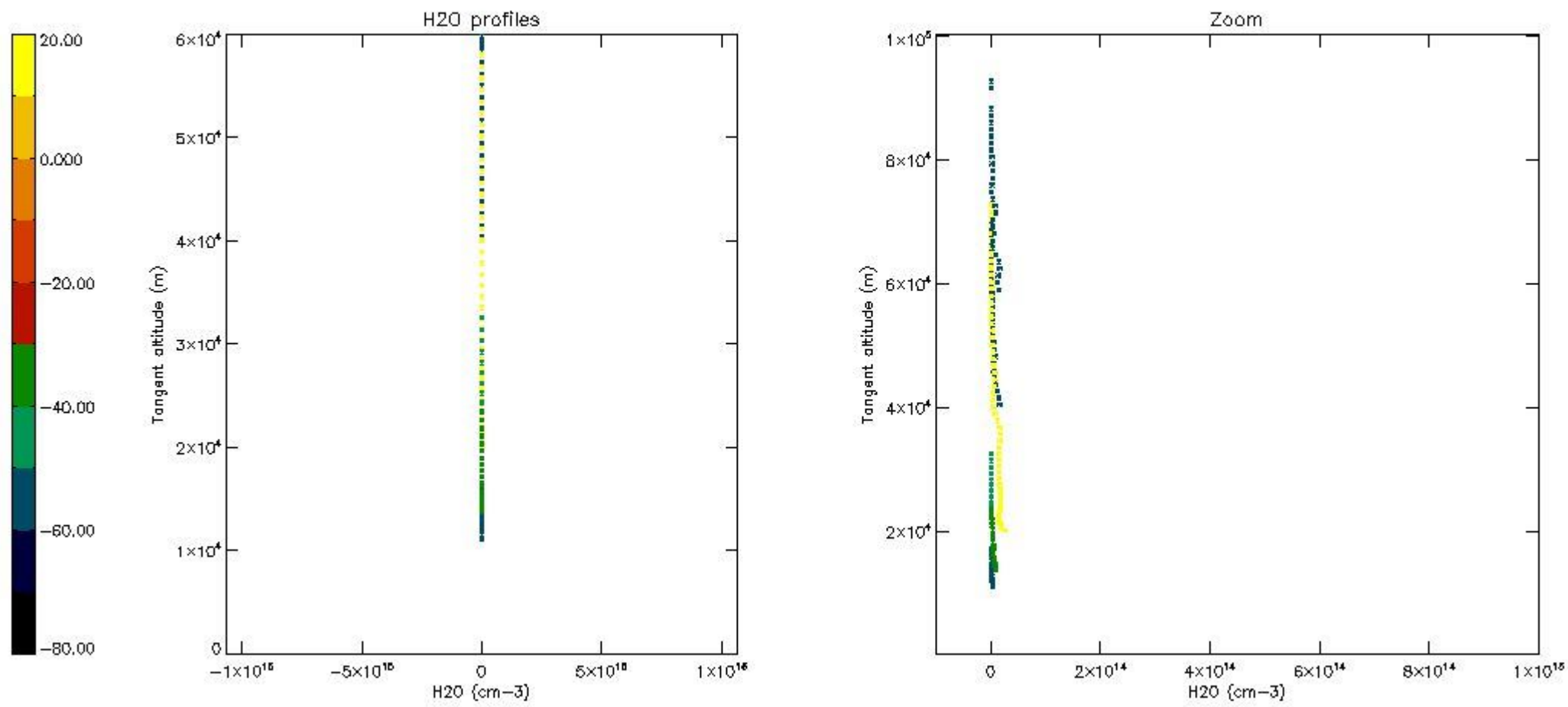
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	28-AUG-2010 00:01:23
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	28-AUG-2010 00:01:23
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	28-AUG-2010 00:01:23

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

[3.2 Plot of level 2 quality information per product \(world map\)](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	29APR2013 14:44:11
Data source version	GOMOS/6.01
Start time of products	28-08-2010 (28AUG2010 00:00:00)
Stop time of products	29-08-2010 (29AUG2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	303
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__2PRFIN20100828_000123_000000422092_00259_44401_0291.N1	28-AUG-2010 00:01:23	Dark	42.000	30	46Eps Ori	1.6940	30000.	84	44401	No
2	GOM_NL__2PRFIN20100828_000251_000000562092_00259_44401_0292.N1	28-AUG-2010 00:02:51	Dark	56.000	1	9Alp CMa	-1.4400	11000.	112	44401	No
3	GOM_NL__2PRFIN20100828_000626_000000532092_00259_44401_0293.N1	28-AUG-2010 00:06:26	Dark	53.000	101	11Alp Lep	2.5820	7000.0	106	44401	No
4	GOM_NL__2PRFIN20100828_002120_000000532092_00260_44402_0287.N1	28-AUG-2010 00:21:20	Dark	53.000	157	The1Eri	2.9060	9300.0	106	44402	No
5	GOM_NL__2PRFIN20100828_002354_000000462092_00260_44402_0288.N1	28-AUG-2010 00:23:54	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44402	No
6	GOM_NL__2PRFIN20100828_002952_000000582092_00260_44402_0289.N1	28-AUG-2010 00:29:52	Straylight	58.000	84	Alp Phe	2.3970	4500.0	116	44402	No
7	GOM_NL__2PRFIN20100828_003138_000000512092_00260_44402_0290.N1	28-AUG-2010 00:31:38	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	44402	No
8	GOM_NL__2PRFIN20100828_003619_000000502092_00260_44402_0291.N1	28-AUG-2010 00:36:19	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	44402	No
9	GOM_NL__2PRFIN20100828_004119_000000522092_00260_44402_0292.N1	28-AUG-2010 00:41:19	Bright	52.000	142	49Del Cap	2.8500	8900.0	104	44402	No
10	GOM_NL__2PRFIN20100828_004430_000000392092_00260_44402_0293.N1	28-AUG-2010 00:44:30	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44402	No
11	GOM_NL__2PRFIN20100828_004605_000000422092_00260_44402_0294.N1	28-AUG-2010 00:46:05	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44402	No
12	GOM_NL__2PRFIN20100828_004907_000000402092_00260_44402_0295.N1	28-AUG-2010 00:49:07	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	44402	No
13	GOM_NL__2PRFIN20100828_005642_000000452092_00260_44402_0296.N1	28-AUG-2010 00:56:42	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	44402	No
14	GOM_NL__2PRFIN20100828_010410_000000342092_00260_44402_0297.N1	28-AUG-2010 01:04:10	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	44402	No
15	GOM_NL__2PRFIN20100828_010730_000000462092_00260_44402_0298.N1	28-AUG-2010 01:07:30	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	44402	No
16	GOM_NL__2PRFIN20100828_010942_000000452092_00260_44402_0299.N1	28-AUG-2010 01:09:42	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	44402	No
17	GOM_NL__2PRFIN20100828_012357_000000592092_00260_44402_0300.N1	28-AUG-2010 01:23:57	Bright	58.500	6	13Alp Aur	0.080000	3400.0	117	44402	No
18	GOM_NL__2PRFIN20100828_012724_000000432092_00260_44402_0301.N1	28-AUG-2010 01:27:24	Bright	42.500	107	37The Aur	2.6490	11000.	85	44402	No
19	GOM_NL__2PRFIN20100828_013215_000000502092_00260_44402_0302.N1	28-AUG-2010 01:32:15	Twilight	50.000	151	13Mu Gem	2.8900	3000.0	100	44402	No
20	GOM_NL__2PRFIN20100828_013357_000000472092_00260_44402_0303.N1	28-AUG-2010 01:33:57	Twilight	47.000	44	24Gam Gem	1.9280	11000.	94	44402	No
21	GOM_NL__2PRFIN20100828_013525_000000392092_00260_44402_0304.N1	28-AUG-2010 01:35:25	Twilight	39.000	153	3Bet CMi	2.8940	13100.	78	44402	No
22	GOM_NL__2PRFIN20100828_013810_000000652092_00260_44402_0305.N1	28-AUG-2010 01:38:10	Dark	65.000	14	58Alp Ori	0.87000	3000.0	130	44402	No
23	GOM_NL__2PRFIN20100828_014200_000000342092_00260_44402_0306.N1	28-AUG-2010 01:42:00	Dark	34.000	30	46Eps Ori	1.6940	30000.	68	44402	No
24	GOM_NL__2PRFIN20100828_014327_000000482092_00260_44402_0307.N1	28-AUG-2010 01:43:27	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	44402	No
25	GOM_NL__2PRFIN20100828_014703_000000542092_00260_44402_0308.N1	28-AUG-2010 01:47:03	Dark	53.500	101	11Alp Lep	2.5820	7000.0	107	44402	No
26	GOM_NL__2PRFIN20100828_020157_000000542092_00261_44403_0297.N1	28-AUG-2010 02:01:57	Dark	54.000	157	The1Eri	2.9060	9300.0	108	44403	No
27	GOM_NL__2PRFIN20100828_020430_000000442092_00261_44403_0298.N1	28-AUG-2010 02:04:30	Dark	44.000	9	Alp Eri	0.45300	24000.	88	44403	No
28	GOM_NL__2PRFIN20100828_021028_000000492092_00261_44403_0299.N1	28-AUG-2010 02:10:28	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	44403	No
29	GOM_NL__2PRFIN20100828_021214_000000482092_00261_44403_0300.N1	28-AUG-2010 02:12:14	Straylight	47.500	63	Bet Gru	2.1500	2800.0	95	44403	No
30	GOM_NL__2PRFIN20100828_021655_000000512092_00261_44403_0301.N1	28-AUG-2010 02:16:55	Straylight	51.000	18	24Alp PsA	1.1660	9700.0	102	44403	No
31	GOM_NL__2PRFIN20100828_022155_000000472092_00261_44403_0302.N1	28-AUG-2010 02:21:55	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	44403	No
32	GOM_NL__2PRFIN20100828_022506_000000402092_00261_44403_0303.N1	28-AUG-2010 02:25:06	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	44403	No
33	GOM_NL__2PRFIN20100828_022641_000000422092_00261_44403_0304.N1	28-AUG-2010 02:26:41	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	44403	No
34	GOM_NL__2PRFIN20100828_022943_000000402092_00261_44403_0305.N1	28-AUG-2010 02:29:43	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	44403	No
35	GOM_NL__2PRFIN20100828_023717_000000472092_00261_44403_0306.N1	28-AUG-2010 02:37:17	Bright	47.000	164	44Eta Peg	2.9480	5400.0	94	44403	No
36	GOM_NL__2PRFIN20100828_024446_000000382092_00261_44403_0307.N1	28-AUG-2010 02:44:46	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	44403	No
37	GOM_NL__2PRFIN20100828_024806_000000462092_00261_44403_0308.N1	28-AUG-2010 02:48:06	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	44403	No
38	GOM_NL__2PRFIN20100828_025017_000000482092_00261_44403_0309.N1	28-AUG-2010 02:50:17	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44403	No
39	GOM_NL__2PRFIN20100828_030433_000000592092_00261_44403_0310.N1	28-AUG-2010 03:04:33	Bright	58.500	6	13Alp Aur	0.080000	3400.0	117	44403	No
40	GOM_NL__2PRFIN20100828_030800_000000652092_00261_44403_0311.N1	28-AUG-2010 03:08:00	Bright	65.000	107	37The Aur	2.6490	11000.	130	44403	No
41	GOM_NL__2PRFIN20100828_031252_000000572092_00261_44403_0312.N1	28-AUG-2010 03:12:52	Twilight	56.500	151	13Mu Gem	2.8900	3000.0	113	44403	No
42	GOM_NL__2PRFIN20100828_031433_000000492092_00261_44403_0313.N1	28-AUG-2010 03:14:33	Twilight	48.500	44	24Gam Gem	1.9280	11000.	97	44403	No

43	GOM_NL__2PRFIN20100828_031601_000000402092_00261_44403_0314.N1	28-AUG-2010 03:16:01	Twilight	39.500	153	3Bet CMI	2.8940	13100.	79	44403	No
44	GOM_NL__2PRFIN20100828_031847_000000622092_00261_44403_0315.N1	28-AUG-2010 03:18:47	Dark	61.500	14	58Alp Ori	0.87000	3000.0	123	44403	No
45	GOM_NL__2PRFIN20100828_032237_000000342092_00261_44403_0316.N1	28-AUG-2010 03:22:37	Dark	34.000	30	46Eps Ori	1.6940	30000.	68	44403	No
46	GOM_NL__2PRFIN20100828_032403_000000472092_00261_44403_0317.N1	28-AUG-2010 03:24:03	Dark	47.000	1	9Alp CMA	-1.4400	11000.	94	44403	No
47	GOM_NL__2PRFIN20100828_032739_000000482092_00261_44403_0318.N1	28-AUG-2010 03:27:39	Dark	48.000	101	11Alp Lep	2.5820	7000.0	96	44403	No
48	GOM_NL__2PRFIN20100828_034234_000000562092_00262_44404_0307.N1	28-AUG-2010 03:42:34	Dark	55.500	157	The1Eri	2.9060	9300.0	111	44404	No
49	GOM_NL__2PRFIN20100828_034507_000000472092_00262_44404_0308.N1	28-AUG-2010 03:45:07	Dark	47.000	9	Alp Eri	0.45300	24000.	94	44404	No
50	GOM_NL__2PRFIN20100828_035105_000000562092_00262_44404_0309.N1	28-AUG-2010 03:51:05	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	44404	No
51	GOM_NL__2PRFIN20100828_035251_000000542092_00262_44404_0310.N1	28-AUG-2010 03:52:51	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	44404	No
52	GOM_NL__2PRFIN20100828_035732_000000512092_00262_44404_0311.N1	28-AUG-2010 03:57:32	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	44404	No
53	GOM_NL__2PRFIN20100828_040231_000000482092_00262_44404_0312.N1	28-AUG-2010 04:02:31	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	44404	No
54	GOM_NL__2PRFIN20100828_040542_000000402092_00262_44404_0313.N1	28-AUG-2010 04:05:42	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	44404	No
55	GOM_NL__2PRFIN20100828_040717_000000422092_00262_44404_0314.N1	28-AUG-2010 04:07:17	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	44404	No
56	GOM_NL__2PRFIN20100828_041019_000000412092_00262_44404_0315.N1	28-AUG-2010 04:10:19	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	44404	No
57	GOM_NL__2PRFIN20100828_041753_000000462092_00262_44404_0316.N1	28-AUG-2010 04:17:53	Bright	46.000	164	44Eta Peg	2.9480	5400.0	92	44404	No
58	GOM_NL__2PRFIN20100828_042521_000000372092_00262_44404_0317.N1	28-AUG-2010 04:25:21	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	44404	No
59	GOM_NL__2PRFIN20100828_042841_000000452092_00262_44404_0318.N1	28-AUG-2010 04:28:41	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	44404	No
60	GOM_NL__2PRFIN20100828_043052_000000482092_00262_44404_0319.N1	28-AUG-2010 04:30:52	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44404	No
61	GOM_NL__2PRFIN20100828_044508_000000542092_00262_44404_0320.N1	28-AUG-2010 04:45:08	Bright	54.000	6	13Alp Aur	0.080000	3400.0	108	44404	No
62	GOM_NL__2PRFIN20100828_044836_000000442092_00262_44404_0321.N1	28-AUG-2010 04:48:36	Bright	44.000	107	37The Aur	2.6490	11000.	88	44404	No
63	GOM_NL__2PRFIN20100828_045328_000000542092_00262_44404_0322.N1	28-AUG-2010 04:53:28	Twilight	54.000	151	13Mu Gem	2.8900	3000.0	108	44404	No
64	GOM_NL__2PRFIN20100828_045510_000000472092_00262_44404_0323.N1	28-AUG-2010 04:55:10	Twilight	47.000	44	24Gam Gem	1.9280	11000.	94	44404	No
65	GOM_NL__2PRFIN20100828_045637_000000412092_00262_44404_0324.N1	28-AUG-2010 04:56:37	Twilight	40.500	153	3Bet CMI	2.8940	13100.	81	44404	No
66	GOM_NL__2PRFIN20100828_045923_000000632092_00262_44404_0325.N1	28-AUG-2010 04:59:23	Dark	62.500	14	58Alp Ori	0.87000	3000.0	125	44404	No
67	GOM_NL__2PRFIN20100828_050314_000000252092_00262_44404_0326.N1	28-AUG-2010 05:03:14	Dark	25.000	30	46Eps Ori	1.6940	30000.	50	44404	No
68	GOM_NL__2PRFIN20100828_050440_000000502092_00262_44404_0327.N1	28-AUG-2010 05:04:40	Dark	49.500	1	9Alp CMA	-1.4400	11000.	99	44404	No
69	GOM_NL__2PRFIN20100828_050817_000000522092_00262_44404_0328.N1	28-AUG-2010 05:08:17	Dark	52.000	101	11Alp Lep	2.5820	7000.0	104	44404	No
70	GOM_NL__2PRFIN20100828_052311_000000532092_00263_44405_0318.N1	28-AUG-2010 05:23:11	Dark	53.000	157	The1Eri	2.9060	9300.0	106	44405	No
71	GOM_NL__2PRFIN20100828_052544_000000452092_00263_44405_0319.N1	28-AUG-2010 05:25:44	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44405	No
72	GOM_NL__2PRFIN20100828_053141_000000602092_00263_44405_0320.N1	28-AUG-2010 05:31:41	Straylight	60.000	84	Alp Phe	2.3970	4500.0	120	44405	No
73	GOM_NL__2PRFIN20100828_053327_000000482092_00263_44405_0321.N1	28-AUG-2010 05:33:27	Straylight	47.500	63	Bet Gru	2.1500	2800.0	95	44405	No
74	GOM_NL__2PRFIN20100828_053808_000000452092_00263_44405_0322.N1	28-AUG-2010 05:38:08	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	44405	No
75	GOM_NL__2PRFIN20100828_054307_000000452092_00263_44405_0323.N1	28-AUG-2010 05:43:07	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	44405	No
76	GOM_NL__2PRFIN20100828_054618_000000402092_00263_44405_0324.N1	28-AUG-2010 05:46:18	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	44405	No
77	GOM_NL__2PRFIN20100828_054753_000000432092_00263_44405_0325.N1	28-AUG-2010 05:47:53	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	44405	No
78	GOM_NL__2PRFIN20100828_055055_000000402092_00263_44405_0326.N1	28-AUG-2010 05:50:55	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	44405	No
79	GOM_NL__2PRFIN20100828_055828_000000482092_00263_44405_0327.N1	28-AUG-2010 05:58:28	Bright	47.500	164	44Eta Peg	2.9480	5400.0	95	44405	No
80	GOM_NL__2PRFIN20100828_060557_000000382092_00263_44405_0328.N1	28-AUG-2010 06:05:57	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	44405	No
81	GOM_NL__2PRFIN20100828_060916_000000452092_00263_44405_0329.N1	28-AUG-2010 06:09:16	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	44405	No
82	GOM_NL__2PRFIN20100828_061128_000000462092_00263_44405_0330.N1	28-AUG-2010 06:11:28	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	44405	No
83	GOM_NL__2PRFIN20100828_062544_000000542092_00263_44405_0331.N1	28-AUG-2010 06:25:44	Bright	54.000	6	13Alp Aur	0.080000	3400.0	108	44405	No
84	GOM_NL__2PRFIN20100828_062912_000000452092_00263_44405_0332.N1	28-AUG-2010 06:29:12	Bright	44.500	107	37The Aur	2.6490	11000.	89	44405	No
85	GOM_NL__2PRFIN20100828_063405_000000502092_00263_44405_0333.N1	28-AUG-2010 06:34:05	Twilight	50.000	151	13Mu Gem	2.8900	3000.0	100	44405	No
86	GOM_NL__2PRFIN20100828_063546_000000482092_00263_44405_0334.N1	28-AUG-2010 06:35:46	Twilight	48.000	44	24Gam Gem	1.9280	11000.	96	44405	No
87	GOM_NL__2PRFIN20100828_063714_000000412092_00263_44405_0335.N1	28-AUG-2010 06:37:14	Twilight	41.000	153	3Bet CMI	2.8940	13100.	82	44405	No
88	GOM_NL__2PRFIN20100828_064000_000000652092_00263_44405_0336.N1	28-AUG-2010 06:40:00	Dark	64.500	14	58Alp Ori	0.87000	3000.0	129	44405	No
89	GOM_NL__2PRFIN20100828_064351_000000252092_00263_44405_0337.N1	28-AUG-2010 06:43:51	Dark	25.000	30	46Eps Ori	1.6940	30000.	50	44405	No
90	GOM_NL__2PRFIN20100828_064516_000000572092_00263_44405_0338.N1	28-AUG-2010 06:45:16	Dark	56.500	1	9Alp CMA	-1.4400	11000.	113	44405	No
91	GOM_NL__2PRFIN20100828_064854_000000502092_00263_44405_0339.N1	28-AUG-2010 06:48:54	Dark	50.000	101	11Alp Lep	2.5820	7000.0	100	44405	No
92	GOM_NL__2PRFIN20100828_070349_000000512092_00264_44406_0384.N1	28-AUG-2010 07:03:49	Dark	51.000	157	The1Eri	2.9060	9300.0	102	44406	No
93	GOM_NL__2PRFIN20100828_070620_000000542092_00264_44406_0385.N1	28-AUG-2010 07:06:20	Dark	53.500	9	Alp Eri	0.45300	24000.	107	44406	No
94	GOM_NL__2PRFIN20100828_071218_000000532092_00264_44406_0386.N1	28-AUG-2010 07:12:18	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	44406	No
95	GOM_NL__2PRFIN20100828_071404_000000512092_00264_44406_0387.N1	28-AUG-2010 07:14:04	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	44406	No
96	GOM_NL__2PRFIN20100828_071844_000000532092_00264_44406_0388.N1	28-AUG-2010 07:18:44	Straylight	53.000	18	24Alp PsA	1.1660	9700.0	106	44406	No
97	GOM_NL__2PRFIN20100828_072343_000000472092_00264_44406_0389.N1	28-AUG-2010 07:23:43	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	44406	No
98	GOM_NL__2PRFIN20100828_072654_000000392092_00264_44406_0390.N1	28-AUG-2010 07:26:54	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	44406	No
99	GOM_NL__2PRFIN20100828_072829_000000422092_00264_44406_0391.N1	28-AUG-2010 07:28:29	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44406	No
100	GOM_NL__2PRFIN20100828_073131_000000412092_00264_44406_0392.N1	28-AUG-2010 07:31:31	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	44406	No
101	GOM_NL__2PRFIN20100828_073903_000000442092_00264_44406_0393.N1	28-AUG-2010 07:39:03	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	44406	No

102	GOM_NL__2PRFIN20100828_074633_000000372092_00264_44406_0394.N1	28-AUG-2010 07:46:33	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	44406	No
103	GOM_NL__2PRFIN20100828_074952_000000432092_00264_44406_0395.N1	28-AUG-2010 07:49:52	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	44406	No
104	GOM_NL__2PRFIN20100828_075203_000000472092_00264_44406_0396.N1	28-AUG-2010 07:52:03	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	44406	No
105	GOM_NL__2PRFIN20100828_080620_000000492092_00264_44406_0397.N1	28-AUG-2010 08:06:20	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	44406	No
106	GOM_NL__2PRFIN20100828_080948_000000422092_00264_44406_0398.N1	28-AUG-2010 08:09:48	Bright	42.000	107	37The Aur	2.6490	11000.	84	44406	No
107	GOM_NL__2PRFIN20100828_081440_000000572092_00264_44406_0399.N1	28-AUG-2010 08:14:40	Twilight	57.000	151	13Mu Gem	2.8900	3000.0	114	44406	No
108	GOM_NL__2PRFIN20100828_081623_000000492092_00264_44406_0400.N1	28-AUG-2010 08:16:23	Twilight	49.000	44	24Gam Gem	1.9280	11000.	98	44406	No
109	GOM_NL__2PRFIN20100828_081750_000000402092_00264_44406_0401.N1	28-AUG-2010 08:17:50	Twilight	40.000	153	3Bet CMI	2.8940	13100.	80	44406	No
110	GOM_NL__2PRFIN20100828_082037_000000672092_00264_44406_0402.N1	28-AUG-2010 08:20:37	Dark	67.000	14	58Alp Ori	0.87000	3000.0	134	44406	No
111	GOM_NL__2PRFIN20100828_082553_000000572092_00264_44406_0403.N1	28-AUG-2010 08:25:53	Dark	57.000	1	9Alp CMa	-1.4400	11000.	114	44406	No
112	GOM_NL__2PRFIN20100828_082931_000000532092_00264_44406_0404.N1	28-AUG-2010 08:29:31	Dark	52.500	101	11Alp Lep	2.5820	7000.0	105	44406	No
113	GOM_NL__2PRFIN20100828_084426_000000562092_00265_44407_0417.N1	28-AUG-2010 08:44:26	Dark	56.000	157	The1Eri	2.9060	9300.0	112	44407	No
114	GOM_NL__2PRFIN20100828_084657_000000512092_00265_44407_0418.N1	28-AUG-2010 08:46:57	Dark	51.000	9	Alp Eri	0.45300	24000.	102	44407	No
115	GOM_NL__2PRFIN20100828_085255_000000522092_00265_44407_0419.N1	28-AUG-2010 08:52:55	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	44407	No
116	GOM_NL__2PRFIN20100828_085440_000000462092_00265_44407_0420.N1	28-AUG-2010 08:54:40	Straylight	45.500	63	Bet Gru	2.1500	2800.0	91	44407	No
117	GOM_NL__2PRFIN20100828_085921_000000462092_00265_44407_0421.N1	28-AUG-2010 08:59:21	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	44407	No
118	GOM_NL__2PRFIN20100828_090419_000000462092_00265_44407_0422.N1	28-AUG-2010 09:04:19	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	44407	No
119	GOM_NL__2PRFIN20100828_090730_000000402092_00265_44407_0423.N1	28-AUG-2010 09:07:30	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	44407	No
120	GOM_NL__2PRFIN20100828_090905_000000432092_00265_44407_0424.N1	28-AUG-2010 09:09:05	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	44407	No
121	GOM_NL__2PRFIN20100828_091207_000000432092_00265_44407_0425.N1	28-AUG-2010 09:12:07	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	44407	No
122	GOM_NL__2PRFIN20100828_091939_000000482092_00265_44407_0426.N1	28-AUG-2010 09:19:39	Bright	48.000	164	44Eta Peg	2.9480	5400.0	96	44407	No
123	GOM_NL__2PRFIN20100828_092709_000000382092_00265_44407_0427.N1	28-AUG-2010 09:27:09	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	44407	No
124	GOM_NL__2PRFIN20100828_093027_000000442092_00265_44407_0428.N1	28-AUG-2010 09:30:27	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	44407	No
125	GOM_NL__2PRFIN20100828_093238_000000472092_00265_44407_0429.N1	28-AUG-2010 09:32:38	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	44407	No
126	GOM_NL__2PRFIN20100828_094656_000000492092_00265_44407_0430.N1	28-AUG-2010 09:46:56	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	44407	No
127	GOM_NL__2PRFIN20100828_095024_000000442092_00265_44407_0431.N1	28-AUG-2010 09:50:24	Bright	44.000	107	37The Aur	2.6490	11000.	88	44407	No
128	GOM_NL__2PRFIN20100828_095517_000000532092_00265_44407_0432.N1	28-AUG-2010 09:55:17	Twilight	53.000	151	13Mu Gem	2.8900	3000.0	106	44407	No
129	GOM_NL__2PRFIN20100828_095659_000000472092_00265_44407_0433.N1	28-AUG-2010 09:56:59	Twilight	47.000	44	24Gam Gem	1.9280	11000.	94	44407	No
130	GOM_NL__2PRFIN20100828_095826_000000402092_00265_44407_0434.N1	28-AUG-2010 09:58:26	Twilight	39.500	153	3Bet CMI	2.8940	13100.	79	44407	No
131	GOM_NL__2PRFIN20100828_100113_000000712092_00265_44407_0435.N1	28-AUG-2010 10:01:13	Dark	71.000	14	58Alp Ori	0.87000	3000.0	142	44407	No
132	GOM_NL__2PRFIN20100828_100630_000000472092_00265_44407_0436.N1	28-AUG-2010 10:06:30	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	44407	No
133	GOM_NL__2PRFIN20100828_101007_000000532092_00265_44407_0437.N1	28-AUG-2010 10:10:07	Dark	53.000	101	11Alp Lep	2.5820	7000.0	106	44407	No
134	GOM_NL__2PRFIN20100828_102503_000000562092_00266_44408_0443.N1	28-AUG-2010 10:25:03	Dark	56.000	157	The1Eri	2.9060	9300.0	112	44408	No
135	GOM_NL__2PRFIN20100828_102733_000000472092_00266_44408_0444.N1	28-AUG-2010 10:27:33	Dark	47.000	9	Alp Eri	0.45300	24000.	94	44408	No
136	GOM_NL__2PRFIN20100828_103331_000000522092_00266_44408_0445.N1	28-AUG-2010 10:33:31	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	44408	No
137	GOM_NL__2PRFIN20100828_103516_000000432092_00266_44408_0446.N1	28-AUG-2010 10:35:16	Straylight	43.000	63	Bet Gru	2.1500	2800.0	86	44408	No
138	GOM_NL__2PRFIN20100828_103956_000000522092_00266_44408_0447.N1	28-AUG-2010 10:39:56	Straylight	51.500	18	24Alp PsA	1.1660	9700.0	103	44408	No
139	GOM_NL__2PRFIN20100828_104455_000000442092_00266_44408_0448.N1	28-AUG-2010 10:44:55	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	44408	No
140	GOM_NL__2PRFIN20100828_104806_000000392092_00266_44408_0449.N1	28-AUG-2010 10:48:06	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44408	No
141	GOM_NL__2PRFIN20100828_104941_000000422092_00266_44408_0450.N1	28-AUG-2010 10:49:41	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44408	No
142	GOM_NL__2PRFIN20100828_105242_000000432092_00266_44408_0451.N1	28-AUG-2010 10:52:42	Bright	43.000	61	8Eps Peg	2.1000	3900.0	86	44408	No
143	GOM_NL__2PRFIN20100828_110014_000000452092_00266_44408_0452.N1	28-AUG-2010 11:00:14	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	44408	No
144	GOM_NL__2PRFIN20100828_110745_000000392092_00266_44408_0453.N1	28-AUG-2010 11:07:45	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44408	No
145	GOM_NL__2PRFIN20100828_111102_000000422092_00266_44408_0454.N1	28-AUG-2010 11:11:02	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	44408	No
146	GOM_NL__2PRFIN20100828_111313_000000482092_00266_44408_0455.N1	28-AUG-2010 11:13:13	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44408	No
147	GOM_NL__2PRFIN20100828_112732_000000432092_00266_44408_0456.N1	28-AUG-2010 11:27:32	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	44408	No
148	GOM_NL__2PRFIN20100828_113100_000000452092_00266_44408_0457.N1	28-AUG-2010 11:31:00	Bright	45.000	107	37The Aur	2.6490	11000.	90	44408	No
149	GOM_NL__2PRFIN20100828_113553_000000522092_00266_44408_0458.N1	28-AUG-2010 11:35:53	Twilight	51.500	151	13Mu Gem	2.8900	3000.0	103	44408	No
150	GOM_NL__2PRFIN20100828_113735_000000512092_00266_44408_0459.N1	28-AUG-2010 11:37:35	Twilight	50.500	44	24Gam Gem	1.9280	11000.	101	44408	No
151	GOM_NL__2PRFIN20100828_113902_000000402092_00266_44408_0460.N1	28-AUG-2010 11:39:02	Twilight	40.000	153	3Bet CMI	2.8940	13100.	80	44408	No
152	GOM_NL__2PRFIN20100828_114150_000000712092_00266_44408_0461.N1	28-AUG-2010 11:41:50	Dark	71.000	14	58Alp Ori	0.87000	3000.0	142	44408	No
153	GOM_NL__2PRFIN20100828_114706_000000492092_00266_44408_0462.N1	28-AUG-2010 11:47:06	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	44408	No
154	GOM_NL__2PRFIN20100828_115044_000000512092_00266_44408_0463.N1	28-AUG-2010 11:50:44	Dark	50.500	101	11Alp Lep	2.5820	7000.0	101	44408	No
155	GOM_NL__2PRFIN20100828_120540_000000562092_00267_44409_0463.N1	28-AUG-2010 12:05:40	Dark	55.500	157	The1Eri	2.9060	9300.0	111	44409	No
156	GOM_NL__2PRFIN20100828_120810_000000452092_00267_44409_0464.N1	28-AUG-2010 12:08:10	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44409	No
157	GOM_NL__2PRFIN20100828_121408_000000542092_00267_44409_0465.N1	28-AUG-2010 12:14:08	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	44409	No
158	GOM_NL__2PRFIN20100828_121552_000000442092_00267_44409_0466.N1	28-AUG-2010 12:15:52	Straylight	43.500	63	Bet Gru	2.1500	2800.0	87	44409	No
159	GOM_NL__2PRFIN20100828_122033_000000502092_00267_44409_0467.N1	28-AUG-2010 12:20:33	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	44409	No
160	GOM_NL__2PRFIN20100828_122531_000000462092_00267_44409_0468.N1	28-AUG-2010 12:25:31	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	44409	No

161	GOM_NL__2PRFIN20100828_122842_000000382092_00267_44409_0469.N1	28-AUG-2010 12:28:42	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	44409	No
162	GOM_NL__2PRFIN20100828_123017_000000422092_00267_44409_0470.N1	28-AUG-2010 12:30:17	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44409	No
163	GOM_NL__2PRFIN20100828_123318_000000382092_00267_44409_0471.N1	28-AUG-2010 12:33:18	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	44409	No
164	GOM_NL__2PRFIN20100828_124050_000000452092_00267_44409_0472.N1	28-AUG-2010 12:40:50	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	44409	No
165	GOM_NL__2PRFIN20100828_124820_000000392092_00267_44409_0473.N1	28-AUG-2010 12:48:20	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44409	No
166	GOM_NL__2PRFIN20100828_125348_000000482092_00267_44409_0474.N1	28-AUG-2010 12:53:48	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44409	No
167	GOM_NL__2PRFIN20100828_130807_000000432092_00267_44409_0475.N1	28-AUG-2010 13:08:07	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	44409	No
168	GOM_NL__2PRFIN20100828_131136_000000452092_00267_44409_0476.N1	28-AUG-2010 13:11:36	Bright	45.000	107	37The Aur	2.6490	11000.	90	44409	No
169	GOM_NL__2PRFIN20100828_131629_000000592092_00267_44409_0477.N1	28-AUG-2010 13:16:29	Twi_and_stray	58.500	151	13Mu Gem	2.8900	3000.0	117	44409	No
170	GOM_NL__2PRFIN20100828_131812_000000492092_00267_44409_0478.N1	28-AUG-2010 13:18:12	Twi_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	44409	No
171	GOM_NL__2PRFIN20100828_131939_000000402092_00267_44409_0479.N1	28-AUG-2010 13:19:39	Twilight	40.000	153	3Bet CMi	2.8940	13100.	80	44409	No
172	GOM_NL__2PRFIN20100828_132227_000000622092_00267_44409_0480.N1	28-AUG-2010 13:22:27	Dark	62.000	14	58Alp Ori	0.87000	3000.0	124	44409	No
173	GOM_NL__2PRFIN20100828_132743_000000562092_00267_44409_0481.N1	28-AUG-2010 13:27:43	Dark	55.500	1	9Alp CMa	-1.4400	11000.	111	44409	No
174	GOM_NL__2PRFIN20100828_133121_000000532092_00267_44409_0482.N1	28-AUG-2010 13:31:21	Dark	53.000	101	11Alp Lep	2.5820	7000.0	106	44409	No
175	GOM_NL__2PRFIN20100828_134617_000000552092_00268_44410_0505.N1	28-AUG-2010 13:46:17	Dark	55.000	157	The1Eri	2.9060	9300.0	110	44410	No
176	GOM_NL__2PRFIN20100828_134846_000000452092_00268_44410_0506.N1	28-AUG-2010 13:48:46	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44410	No
177	GOM_NL__2PRFIN20100828_135444_000000502092_00268_44410_0507.N1	28-AUG-2010 13:54:44	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	44410	No
178	GOM_NL__2PRFIN20100828_135629_000000482092_00268_44410_0508.N1	28-AUG-2010 13:56:29	Straylight	48.000	63	Bet Gru	2.1500	2800.0	96	44410	No
179	GOM_NL__2PRFIN20100828_140109_000000482092_00268_44410_0509.N1	28-AUG-2010 14:01:09	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	44410	No
180	GOM_NL__2PRFIN20100828_140607_000000472092_00268_44410_0510.N1	28-AUG-2010 14:06:07	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	44410	No
181	GOM_NL__2PRFIN20100828_140918_000000392092_00268_44410_0511.N1	28-AUG-2010 14:09:18	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	44410	No
182	GOM_NL__2PRFIN20100828_141052_000000432092_00268_44410_0512.N1	28-AUG-2010 14:10:52	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	44410	No
183	GOM_NL__2PRFIN20100828_141354_000000412092_00268_44410_0513.N1	28-AUG-2010 14:13:54	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	44410	No
184	GOM_NL__2PRFIN20100828_142125_000000472092_00268_44410_0514.N1	28-AUG-2010 14:21:25	Bright	47.000	164	44Eta Peg	2.9480	5400.0	94	44410	No
185	GOM_NL__2PRFIN20100828_142856_000000392092_00268_44410_0515.N1	28-AUG-2010 14:28:56	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44410	No
186	GOM_NL__2PRFIN20100828_143213_000000422092_00268_44410_0516.N1	28-AUG-2010 14:32:13	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	44410	No
187	GOM_NL__2PRFIN20100828_143424_000000462092_00268_44410_0517.N1	28-AUG-2010 14:34:24	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	44410	No
188	GOM_NL__2PRFIN20100828_144843_000000372092_00268_44410_0518.N1	28-AUG-2010 14:48:43	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	44410	No
189	GOM_NL__2PRFIN20100828_145211_000000462092_00268_44410_0519.N1	28-AUG-2010 14:52:11	Bright	46.000	107	37The Aur	2.6490	11000.	92	44410	No
190	GOM_NL__2PRFIN20100828_145705_000000512092_00268_44410_0520.N1	28-AUG-2010 14:57:05	Twi_and_stray	51.000	151	13Mu Gem	2.8900	3000.0	102	44410	No
191	GOM_NL__2PRFIN20100828_145848_000000442092_00268_44410_0521.N1	28-AUG-2010 14:58:48	Twi_and_stray	44.000	44	24Gam Gem	1.9280	11000.	88	44410	No
192	GOM_NL__2PRFIN20100828_150015_000000382092_00268_44410_0522.N1	28-AUG-2010 15:00:15	Twilight	38.000	153	3Bet CMi	2.8940	13100.	76	44410	No
193	GOM_NL__2PRFIN20100828_150303_000000722092_00268_44410_0523.N1	28-AUG-2010 15:03:03	Dark	71.500	14	58Alp Ori	0.87000	3000.0	143	44410	No
194	GOM_NL__2PRFIN20100828_150819_000000482092_00268_44410_0524.N1	28-AUG-2010 15:08:19	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	44410	No
195	GOM_NL__2PRFIN20100828_151158_000000502092_00268_44410_0525.N1	28-AUG-2010 15:11:58	Dark	49.500	101	11Alp Lep	2.5820	7000.0	99	44410	No
196	GOM_NL__2PRFIN20100828_152654_000000542092_00269_44411_0541.N1	28-AUG-2010 15:26:54	Dark	54.000	157	The1Eri	2.9060	9300.0	108	44411	No
197	GOM_NL__2PRFIN20100828_152923_000000432092_00269_44411_0542.N1	28-AUG-2010 15:29:23	Dark	43.000	9	Alp Eri	0.45300	24000.	86	44411	No
198	GOM_NL__2PRFIN20100828_153521_000000552092_00269_44411_0543.N1	28-AUG-2010 15:35:21	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	44411	No
199	GOM_NL__2PRFIN20100828_153705_000000402092_00269_44411_0544.N1	28-AUG-2010 15:37:05	Straylight	40.000	63	Bet Gru	2.1500	2800.0	80	44411	No
200	GOM_NL__2PRFIN20100828_154145_000000492092_00269_44411_0545.N1	28-AUG-2010 15:41:45	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	44411	No
201	GOM_NL__2PRFIN20100828_154643_000000462092_00269_44411_0546.N1	28-AUG-2010 15:46:43	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	44411	No
202	GOM_NL__2PRFIN20100828_154954_000000392092_00269_44411_0547.N1	28-AUG-2010 15:49:54	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44411	No
203	GOM_NL__2PRFIN20100828_155128_000000422092_00269_44411_0548.N1	28-AUG-2010 15:51:28	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44411	No
204	GOM_NL__2PRFIN20100828_155429_000000422092_00269_44411_0549.N1	28-AUG-2010 15:54:29	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	44411	No
205	GOM_NL__2PRFIN20100828_160200_000000452092_00269_44411_0550.N1	28-AUG-2010 16:02:00	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	44411	No
206	GOM_NL__2PRFIN20100828_160932_000000392092_00269_44411_0551.N1	28-AUG-2010 16:09:32	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44411	No
207	GOM_NL__2PRFIN20100828_161248_000000462092_00269_44411_0552.N1	28-AUG-2010 16:12:48	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	44411	No
208	GOM_NL__2PRFIN20100828_161459_000000482092_00269_44411_0553.N1	28-AUG-2010 16:14:59	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44411	No
209	GOM_NL__2PRFIN20100828_162919_000000372092_00269_44411_0554.N1	28-AUG-2010 16:29:19	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	44411	No
210	GOM_NL__2PRFIN20100828_163248_000000432092_00269_44411_0555.N1	28-AUG-2010 16:32:48	Bright	43.000	107	37The Aur	2.6490	11000.	86	44411	No
211	GOM_NL__2PRFIN20100828_163742_000000532092_00269_44411_0556.N1	28-AUG-2010 16:37:42	Twi_and_stray	53.000	151	13Mu Gem	2.8900	3000.0	106	44411	No
212	GOM_NL__2PRFIN20100828_163924_000000502092_00269_44411_0557.N1	28-AUG-2010 16:39:24	Twi_and_stray	49.500	44	24Gam Gem	1.9280	11000.	99	44411	No
213	GOM_NL__2PRFIN20100828_164051_000000402092_00269_44411_0558.N1	28-AUG-2010 16:40:51	Twilight	40.000	153	3Bet CMi	2.8940	13100.	80	44411	No
214	GOM_NL__2PRFIN20100828_164340_000000722092_00269_44411_0559.N1	28-AUG-2010 16:43:40	Dark	72.000	14	58Alp Ori	0.87000	3000.0	144	44411	No
215	GOM_NL__2PRFIN20100828_164856_000000512092_00269_44411_0560.N1	28-AUG-2010 16:48:56	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	44411	No
216	GOM_NL__2PRFIN20100828_165235_000000522092_00269_44411_0561.N1	28-AUG-2010 16:52:35	Dark	51.500	101	11Alp Lep	2.5820	7000.0	103	44411	No
217	GOM_NL__2PRFIN20100828_170732_000000572092_00270_44412_0568.N1	28-AUG-2010 17:07:32	Dark	56.500	157	The1Eri	2.9060	9300.0	113	44412	No
218	GOM_NL__2PRFIN20100828_171000_000000442092_00270_44412_0569.N1	28-AUG-2010 17:10:00	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44412	No
219	GOM_NL__2PRFIN20100828_171557_000000572092_00270_44412_0570.N1	28-AUG-2010 17:15:57	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	44412	No

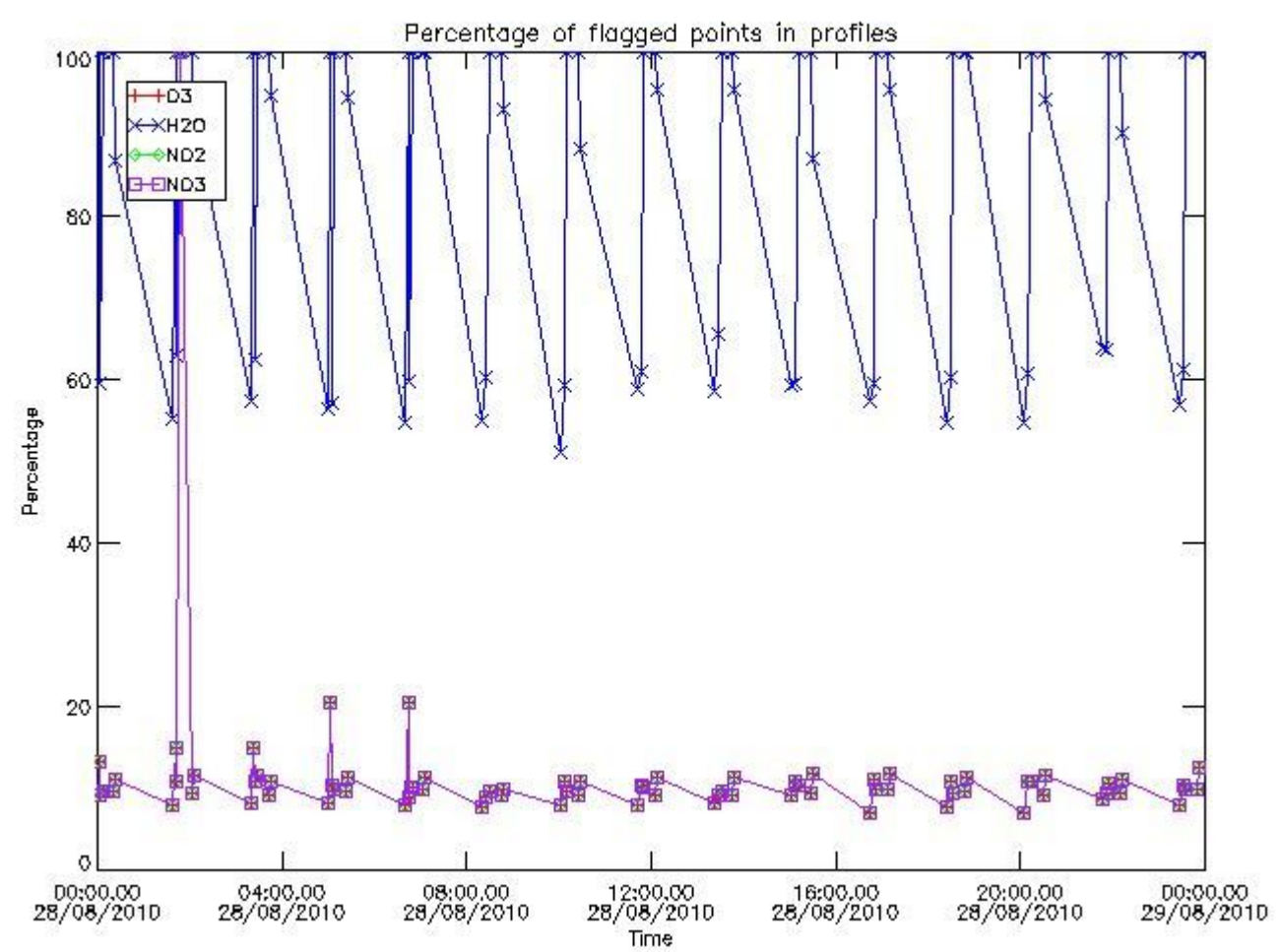
220	GOM_NL__2PRFIN20100828_171741_000000492092_00270_44412_0571.N1	28-AUG-2010 17:17:41	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	44412	No
221	GOM_NL__2PRFIN20100828_172222_000000542092_00270_44412_0572.N1	28-AUG-2010 17:22:22	Straylight	53.500	18	24Alp PsA	1.1660	9700.0	107	44412	No
222	GOM_NL__2PRFIN20100828_172719_000000472092_00270_44412_0573.N1	28-AUG-2010 17:27:19	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	44412	No
223	GOM_NL__2PRFIN20100828_173030_000000392092_00270_44412_0574.N1	28-AUG-2010 17:30:30	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44412	No
224	GOM_NL__2PRFIN20100828_173204_000000422092_00270_44412_0575.N1	28-AUG-2010 17:32:04	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	44412	No
225	GOM_NL__2PRFIN20100828_173505_000000412092_00270_44412_0576.N1	28-AUG-2010 17:35:05	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	44412	No
226	GOM_NL__2PRFIN20100828_174235_000000492092_00270_44412_0577.N1	28-AUG-2010 17:42:35	Bright	49.000	164	44Eta Peg	2.9480	5400.0	98	44412	No
227	GOM_NL__2PRFIN20100828_175008_000000382092_00270_44412_0578.N1	28-AUG-2010 17:50:08	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	44412	No
228	GOM_NL__2PRFIN20100828_175323_000000462092_00270_44412_0579.N1	28-AUG-2010 17:53:23	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	44412	No
229	GOM_NL__2PRFIN20100828_175534_000000482092_00270_44412_0580.N1	28-AUG-2010 17:55:34	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	44412	No
230	GOM_NL__2PRFIN20100828_180955_000000312092_00270_44412_0581.N1	28-AUG-2010 18:09:55	Tw_i_and_stray	31.000	6	13Alp Aur	0.080000	3400.0	62	44412	No
231	GOM_NL__2PRFIN20100828_181324_000000442092_00270_44412_0582.N1	28-AUG-2010 18:13:24	Bright	44.000	107	37The Aur	2.6490	11000.	88	44412	No
232	GOM_NL__2PRFIN20100828_181818_000000562092_00270_44412_0583.N1	28-AUG-2010 18:18:18	Tw_i_and_stray	56.000	151	13Mu Gem	2.8900	3000.0	112	44412	No
233	GOM_NL__2PRFIN20100828_182000_000000482092_00270_44412_0584.N1	28-AUG-2010 18:20:00	Tw_i_and_stray	47.500	44	24Gam Gem	1.9280	11000.	95	44412	No
234	GOM_NL__2PRFIN20100828_182127_000000412092_00270_44412_0585.N1	28-AUG-2010 18:21:27	Twilight	40.500	153	3Bet CMI	2.8940	13100.	81	44412	No
235	GOM_NL__2PRFIN20100828_182417_000000672092_00270_44412_0586.N1	28-AUG-2010 18:24:17	Dark	66.500	14	58Alp Ori	0.87000	3000.0	133	44412	No
236	GOM_NL__2PRFIN20100828_182932_000000472092_00270_44412_0587.N1	28-AUG-2010 18:29:32	Dark	47.000	1	9Alp CMA	-1.4400	11000.	94	44412	No
237	GOM_NL__2PRFIN20100828_183312_000000542092_00270_44412_0588.N1	28-AUG-2010 18:33:12	Dark	54.000	101	11Alp Lep	2.5820	7000.0	108	44412	No
238	GOM_NL__2PRFIN20100828_184809_000000532092_00271_44413_0600.N1	28-AUG-2010 18:48:09	Dark	52.500	157	The1Eri	2.9060	9300.0	105	44413	No
239	GOM_NL__2PRFIN20100828_185036_000000452092_00271_44413_0601.N1	28-AUG-2010 18:50:36	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44413	No
240	GOM_NL__2PRFIN20100828_185634_000000542092_00271_44413_0602.N1	28-AUG-2010 18:56:34	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	44413	No
241	GOM_NL__2PRFIN20100828_185817_000000542092_00271_44413_0603.N1	28-AUG-2010 18:58:17	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	44413	No
242	GOM_NL__2PRFIN20100828_190258_000000502092_00271_44413_0604.N1	28-AUG-2010 19:02:58	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	44413	No
243	GOM_NL__2PRFIN20100828_190755_000000472092_00271_44413_0605.N1	28-AUG-2010 19:07:55	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	44413	No
244	GOM_NL__2PRFIN20100828_191106_000000392092_00271_44413_0606.N1	28-AUG-2010 19:11:06	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	44413	No
245	GOM_NL__2PRFIN20100828_191240_000000432092_00271_44413_0607.N1	28-AUG-2010 19:12:40	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	44413	No
246	GOM_NL__2PRFIN20100828_191541_000000442092_00271_44413_0608.N1	28-AUG-2010 19:15:41	Bright	43.500	61	8Eps Peg	2.1000	3900.0	87	44413	No
247	GOM_NL__2PRFIN20100828_192310_000000502092_00271_44413_0609.N1	28-AUG-2010 19:23:10	Bright	49.500	164	44Eta Peg	2.9480	5400.0	99	44413	No
248	GOM_NL__2PRFIN20100828_193044_000000392092_00271_44413_0610.N1	28-AUG-2010 19:30:44	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	44413	No
249	GOM_NL__2PRFIN20100828_193358_000000442092_00271_44413_0611.N1	28-AUG-2010 19:33:58	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	44413	No
250	GOM_NL__2PRFIN20100828_193609_000000472092_00271_44413_0612.N1	28-AUG-2010 19:36:09	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	44413	No
251	GOM_NL__2PRFIN20100828_195030_000000312092_00271_44413_0613.N1	28-AUG-2010 19:50:30	Tw_i_and_stray	31.000	6	13Alp Aur	0.080000	3400.0	62	44413	No
252	GOM_NL__2PRFIN20100828_195400_000000472092_00271_44413_0614.N1	28-AUG-2010 19:54:00	Bright	47.000	107	37The Aur	2.6490	11000.	94	44413	No
253	GOM_NL__2PRFIN20100828_195854_000000522092_00271_44413_0615.N1	28-AUG-2010 19:58:54	Tw_i_and_stray	51.500	151	13Mu Gem	2.8900	3000.0	103	44413	No
254	GOM_NL__2PRFIN20100828_200037_000000492092_00271_44413_0616.N1	28-AUG-2010 20:00:37	Tw_i_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	44413	No
255	GOM_NL__2PRFIN20100828_200204_000000402092_00271_44413_0617.N1	28-AUG-2010 20:02:04	Twilight	39.500	153	3Bet CMI	2.8940	13100.	79	44413	No
256	GOM_NL__2PRFIN20100828_200453_000000722092_00271_44413_0618.N1	28-AUG-2010 20:04:53	Dark	72.000	14	58Alp Ori	0.87000	3000.0	144	44413	No
257	GOM_NL__2PRFIN20100828_201008_000000482092_00271_44413_0619.N1	28-AUG-2010 20:10:08	Dark	47.500	1	9Alp CMA	-1.4400	11000.	95	44413	No
258	GOM_NL__2PRFIN20100828_201349_000000522092_00271_44413_0620.N1	28-AUG-2010 20:13:49	Dark	51.500	101	11Alp Lep	2.5820	7000.0	103	44413	No
259	GOM_NL__2PRFIN20100828_202846_000000562092_00272_44414_0624.N1	28-AUG-2010 20:28:46	Dark	55.500	157	The1Eri	2.9060	9300.0	111	44414	No
260	GOM_NL__2PRFIN20100828_203113_000000452092_00272_44414_0625.N1	28-AUG-2010 20:31:13	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44414	No
261	GOM_NL__2PRFIN20100828_203711_000000612092_00272_44414_0626.N1	28-AUG-2010 20:37:11	Straylight	60.500	84	Alp Phe	2.3970	4500.0	121	44414	No
262	GOM_NL__2PRFIN20100828_203853_000000512092_00272_44414_0627.N1	28-AUG-2010 20:38:53	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	44414	No
263	GOM_NL__2PRFIN20100828_204334_000000512092_00272_44414_0628.N1	28-AUG-2010 20:43:34	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	44414	No
264	GOM_NL__2PRFIN20100828_204831_000000542092_00272_44414_0629.N1	28-AUG-2010 20:48:31	Bright	54.000	142	49Del Cap	2.8500	8900.0	108	44414	No
265	GOM_NL__2PRFIN20100828_205142_000000382092_00272_44414_0630.N1	28-AUG-2010 20:51:42	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	44414	No
266	GOM_NL__2PRFIN20100828_205316_000000422092_00272_44414_0631.N1	28-AUG-2010 20:53:16	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	44414	No
267	GOM_NL__2PRFIN20100828_205618_000000392092_00272_44414_0632.N1	28-AUG-2010 20:56:18	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	44414	No
268	GOM_NL__2PRFIN20100828_210346_000000442092_00272_44414_0633.N1	28-AUG-2010 21:03:46	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	44414	No
269	GOM_NL__2PRFIN20100828_211119_000000402092_00272_44414_0634.N1	28-AUG-2010 21:11:19	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	44414	No
270	GOM_NL__2PRFIN20100828_211433_000000472092_00272_44414_0635.N1	28-AUG-2010 21:14:33	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	44414	No
271	GOM_NL__2PRFIN20100828_211644_000000472092_00272_44414_0636.N1	28-AUG-2010 21:16:44	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	44414	No
272	GOM_NL__2PRFIN20100828_213106_000000252092_00272_44414_0637.N1	28-AUG-2010 21:31:06	Tw_i_and_stray	25.000	6	13Alp Aur	0.080000	3400.0	50	44414	No
273	GOM_NL__2PRFIN20100828_213436_000000442092_00272_44414_0638.N1	28-AUG-2010 21:34:36	Bright	44.000	107	37The Aur	2.6490	11000.	88	44414	No
274	GOM_NL__2PRFIN20100828_213930_000000572092_00272_44414_0639.N1	28-AUG-2010 21:39:30	Tw_i_and_stray	57.000	151	13Mu Gem	2.8900	3000.0	114	44414	No
275	GOM_NL__2PRFIN20100828_214113_000000472092_00272_44414_0640.N1	28-AUG-2010 21:41:13	Tw_i_and_stray	46.500	44	24Gam Gem	1.9280	11000.	93	44414	No
276	GOM_NL__2PRFIN20100828_214240_000000392092_00272_44414_0641.N1	28-AUG-2010 21:42:40	Twilight	38.500	153	3Bet CMI	2.8940	13100.	77	44414	No
277	GOM_NL__2PRFIN20100828_214530_000000582092_00272_44414_0642.N1	28-AUG-2010 21:45:30	Dark	58.000	14	58Alp Ori	0.87000	3000.0	116	44414	No
278	GOM_NL__2PRFIN20100828_215045_000000542092_00272_44414_0643.N1	28-AUG-2010 21:50:45	Dark	54.000	1	9Alp CMA	-1.4400	11000.	108	44414	No

279	GOM_NL__2PRFIN20100828_215426_000000532092_00272_44414_0644.N1	28-AUG-2010 21:54:26	Dark	52.500	101	11Alp Lep	2.5820	7000.0	105	44414	No
280	GOM_NL__2PRFIN20100828_220923_000000542092_00273_44415_0647.N1	28-AUG-2010 22:09:23	Dark	54.000	157	The1Eri	2.9060	9300.0	108	44415	No
281	GOM_NL__2PRFIN20100828_221149_000000462092_00273_44415_0648.N1	28-AUG-2010 22:11:49	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44415	No
282	GOM_NL__2PRFIN20100828_221747_000000542092_00273_44415_0649.N1	28-AUG-2010 22:17:47	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	44415	No
283	GOM_NL__2PRFIN20100828_221933_000000512092_00273_44415_0650.N1	28-AUG-2010 22:19:33	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	44415	No
284	GOM_NL__2PRFIN20100828_222410_000000492092_00273_44415_0651.N1	28-AUG-2010 22:24:10	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	44415	No
285	GOM_NL__2PRFIN20100828_222907_000000472092_00273_44415_0652.N1	28-AUG-2010 22:29:07	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	44415	No
286	GOM_NL__2PRFIN20100828_223218_000000392092_00273_44415_0653.N1	28-AUG-2010 22:32:18	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	44415	No
287	GOM_NL__2PRFIN20100828_223352_000000422092_00273_44415_0654.N1	28-AUG-2010 22:33:52	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	44415	No
288	GOM_NL__2PRFIN20100828_223653_000000392092_00273_44415_0655.N1	28-AUG-2010 22:36:53	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	44415	No
289	GOM_NL__2PRFIN20100828_224422_000000472092_00273_44415_0656.N1	28-AUG-2010 22:44:22	Bright	46.500	164	44Eta Peg	2.9480	5400.0	93	44415	No
290	GOM_NL__2PRFIN20100828_225155_000000382092_00273_44415_0657.N1	28-AUG-2010 22:51:55	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	44415	No
291	GOM_NL__2PRFIN20100828_225509_000000462092_00273_44415_0658.N1	28-AUG-2010 22:55:09	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	44415	No
292	GOM_NL__2PRFIN20100828_225720_000000472092_00273_44415_0659.N1	28-AUG-2010 22:57:20	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	44415	No
293	GOM_NL__2PRFIN20100828_231142_000000252092_00273_44415_0660.N1	28-AUG-2010 23:11:42	Twilight	25.000	6	13Alp Aur	0.080000	3400.0	50	44415	No
294	GOM_NL__2PRFIN20100828_231511_000000642092_00273_44415_0661.N1	28-AUG-2010 23:15:11	Bright	64.000	107	37The Aur	2.6490	11000.	128	44415	No
295	GOM_NL__2PRFIN20100828_232007_000000582092_00273_44415_0662.N1	28-AUG-2010 23:20:07	Twilight	58.000	151	13Mu Gem	2.8900	3000.0	116	44415	No
296	GOM_NL__2PRFIN20100828_232149_000000472092_00273_44415_0663.N1	28-AUG-2010 23:21:49	Twilight	46.500	44	24Gam Gem	1.9280	11000.	93	44415	No
297	GOM_NL__2PRFIN20100828_232316_000000372092_00273_44415_0664.N1	28-AUG-2010 23:23:16	Twilight	37.000	153	3Bet CMi	2.8940	13100.	74	44415	No
298	GOM_NL__2PRFIN20100828_232606_000000702092_00273_44415_0665.N1	28-AUG-2010 23:26:06	Dark	70.000	14	58Alp Ori	0.87000	3000.0	140	44415	No
299	GOM_NL__2PRFIN20100828_233121_000000502092_00273_44415_0666.N1	28-AUG-2010 23:31:21	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	44415	No
300	GOM_NL__2PRFIN20100828_233503_000000522092_00273_44415_0667.N1	28-AUG-2010 23:35:03	Dark	52.000	101	11Alp Lep	2.5820	7000.0	104	44415	No
301	GOM_NL__2PRFIN20100828_235000_000000522092_00274_44416_0661.N1	28-AUG-2010 23:50:00	Dark	51.500	157	The1Eri	2.9060	9300.0	103	44416	No
302	GOM_NL__2PRFIN20100828_235226_000000452092_00274_44416_0662.N1	28-AUG-2010 23:52:26	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44416	No
303	GOM_NL__2PRFIN20100828_235824_000000522092_00274_44416_0663.N1	28-AUG-2010 23:58:24	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	44416	No

3. Quality information per product

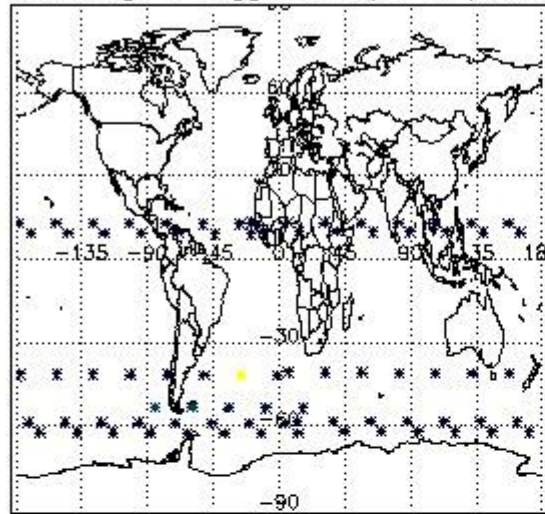
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

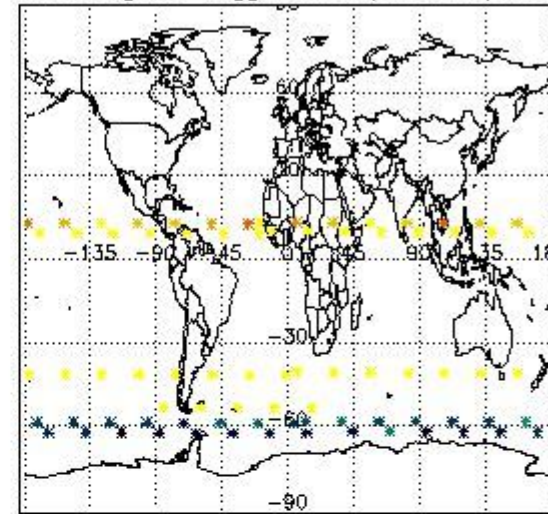


3.2 Plot quality information per product (world map)

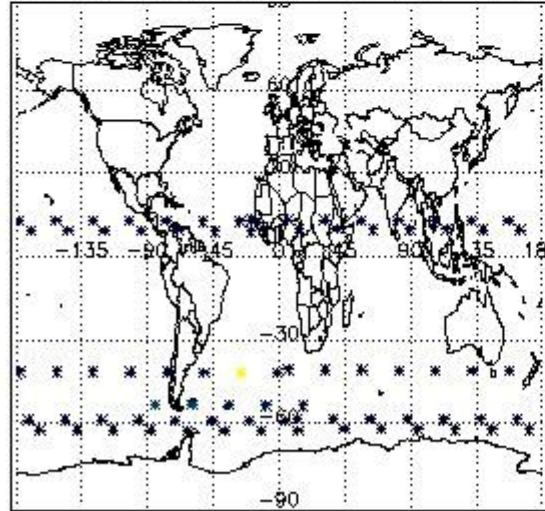
Percentage of flagged data per O3 profile



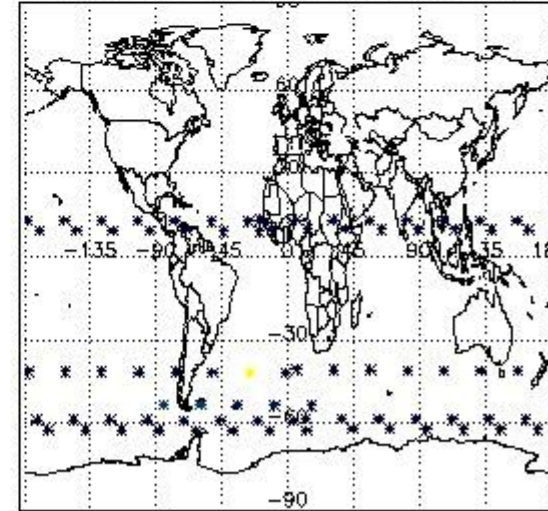
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

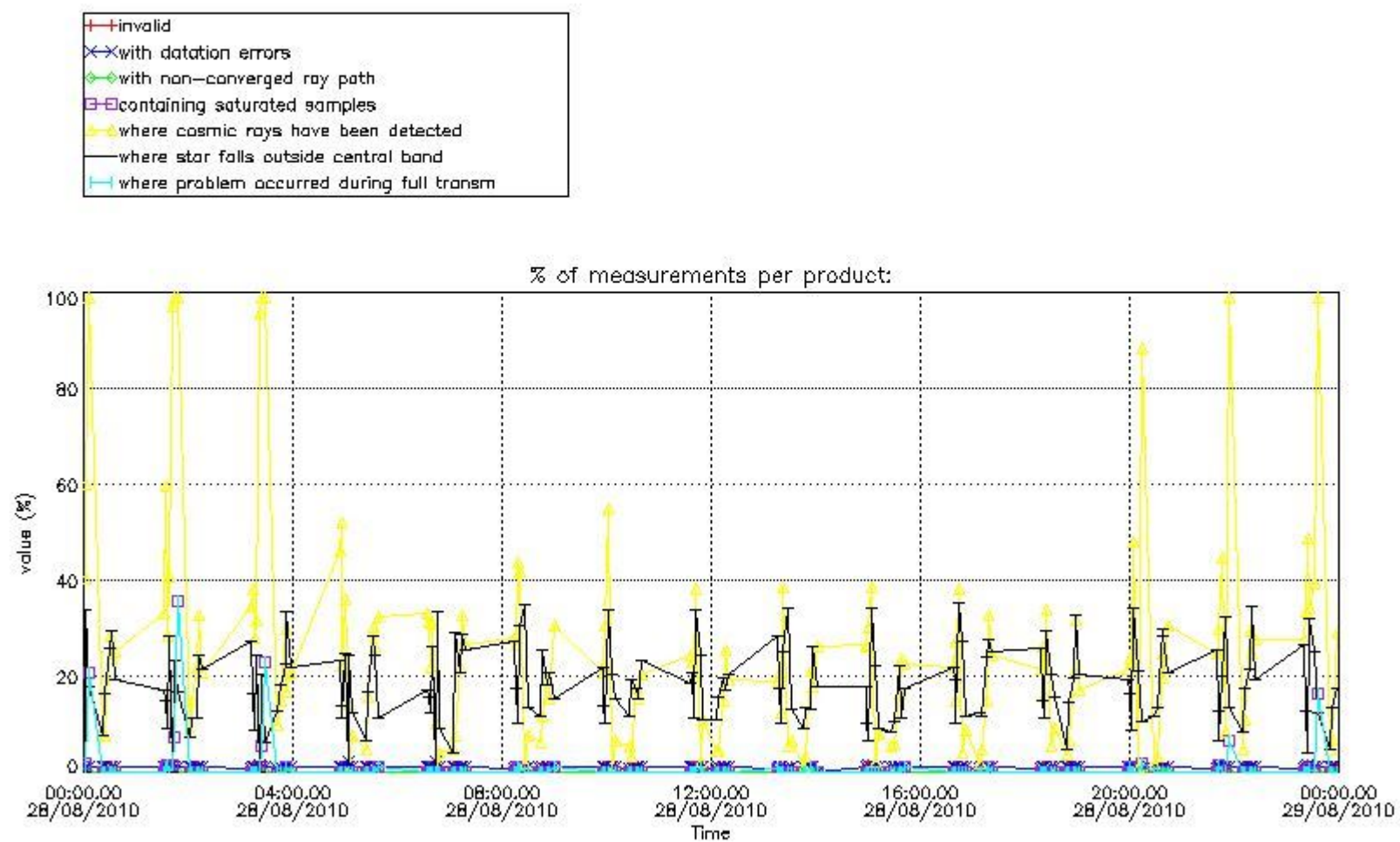


4. Level 1 quality information per product

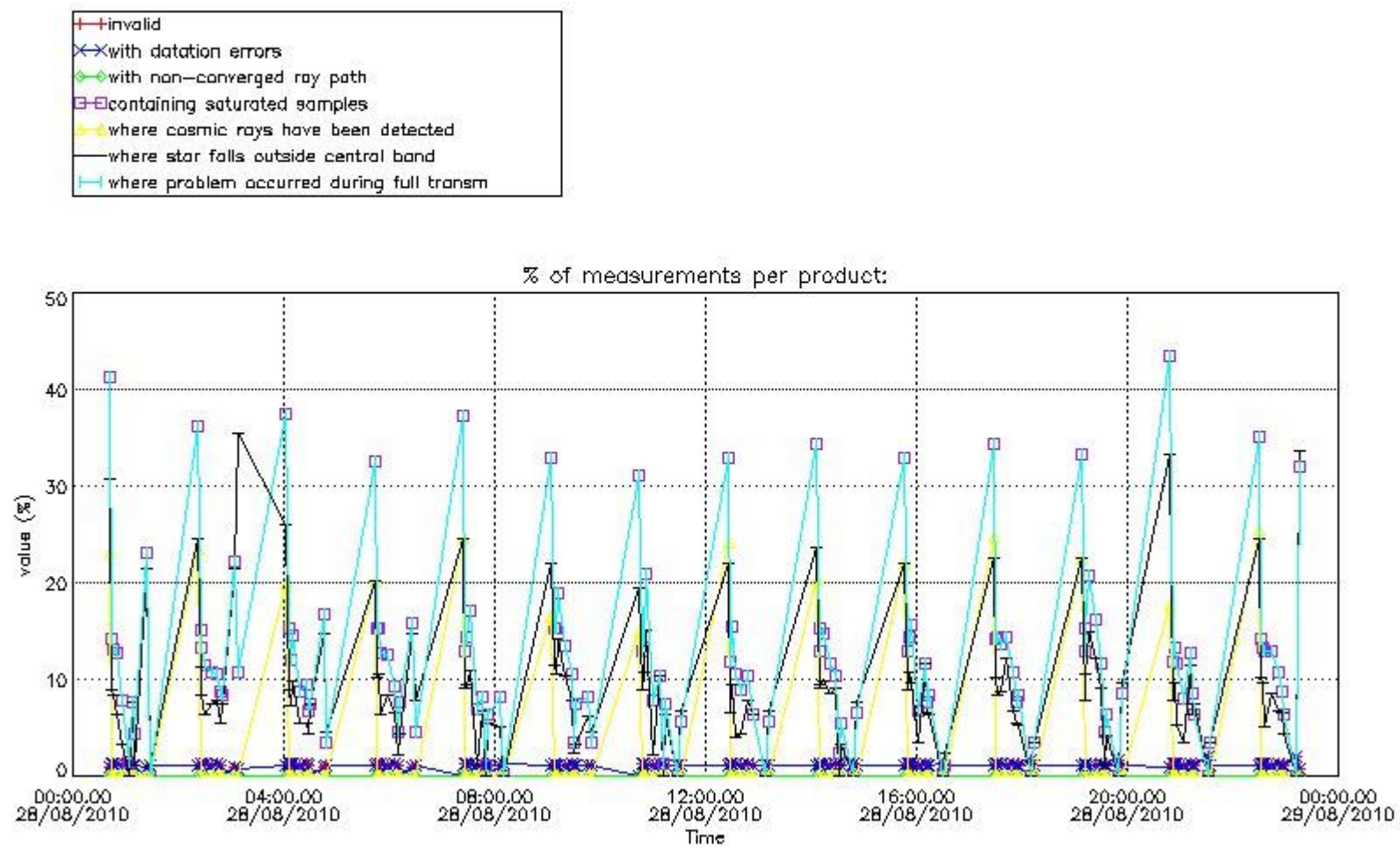
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

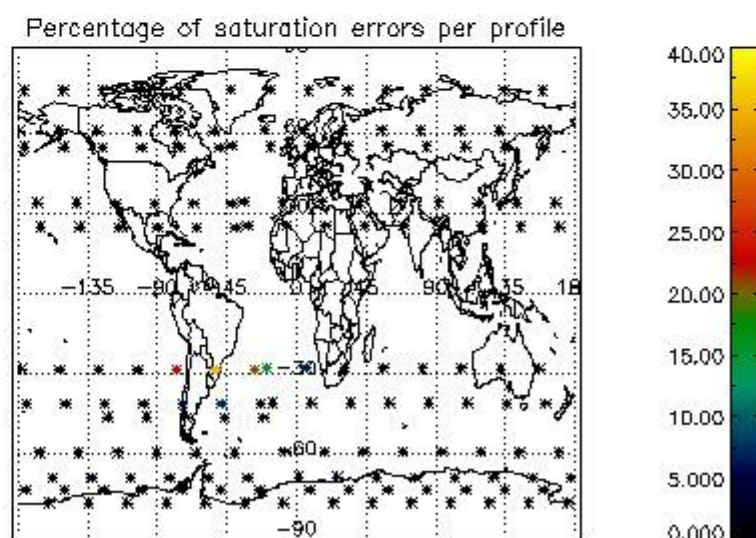
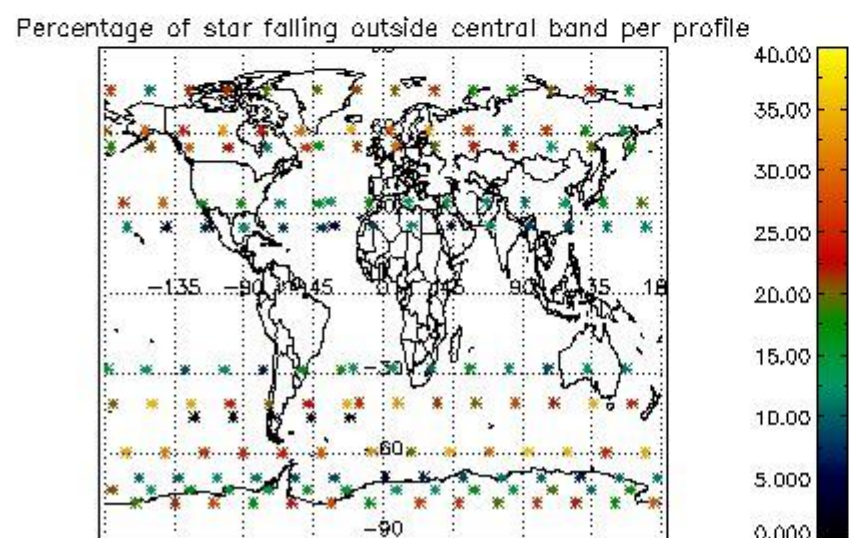
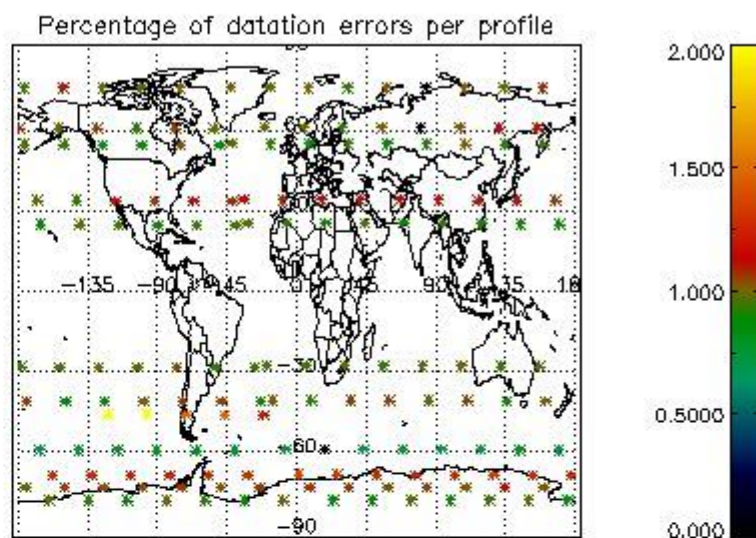
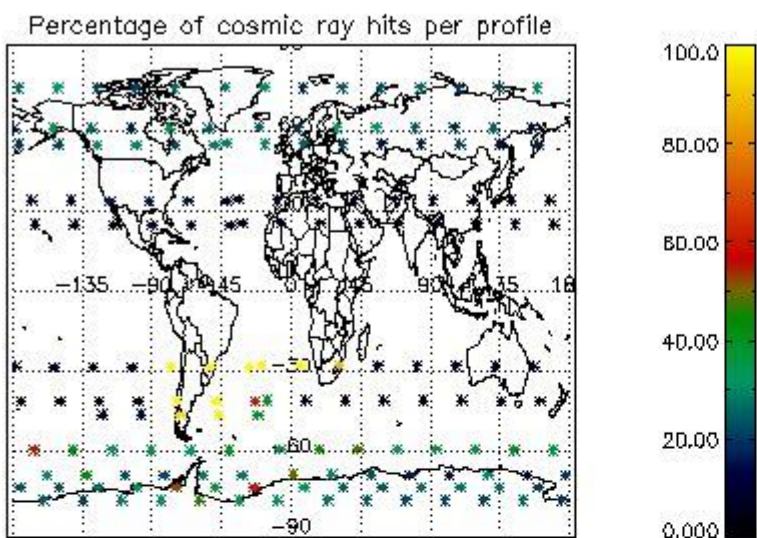


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

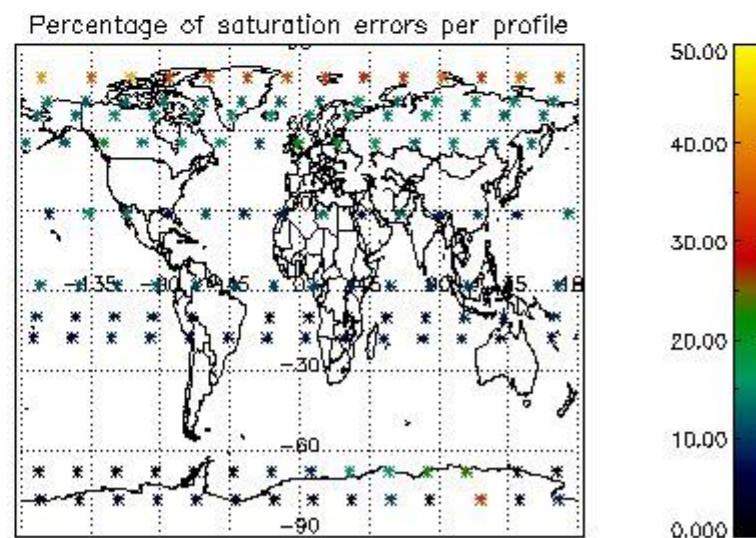
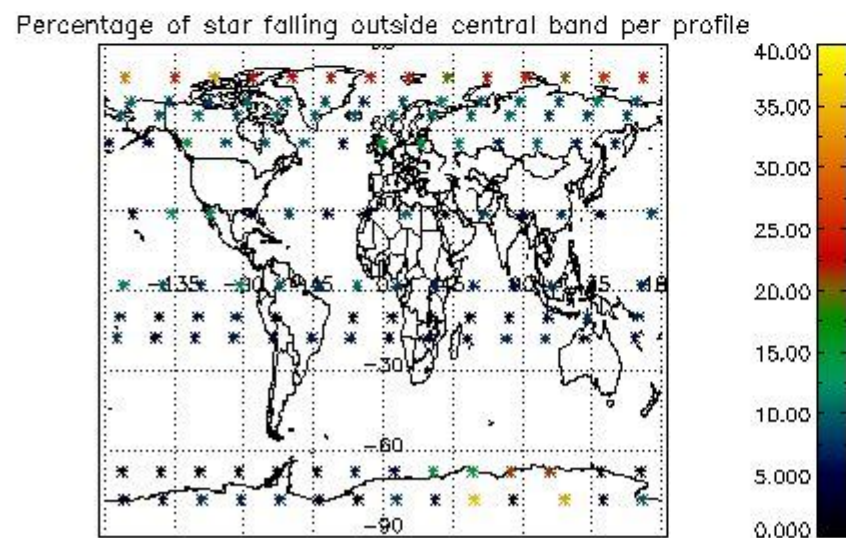
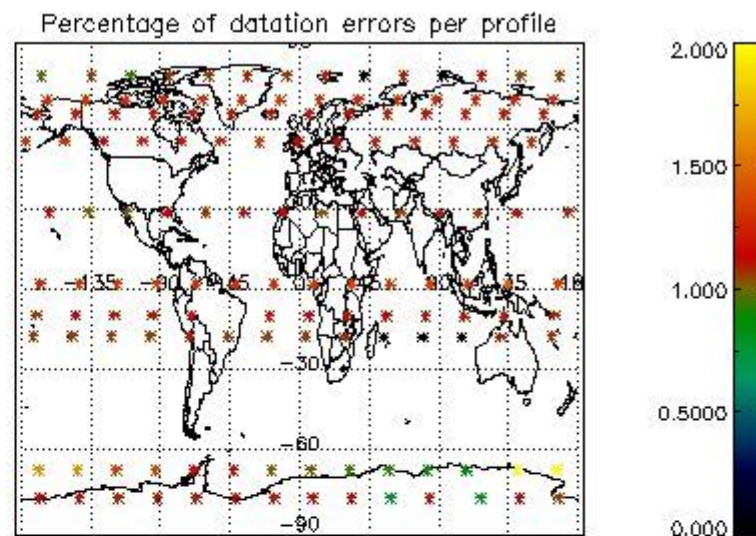
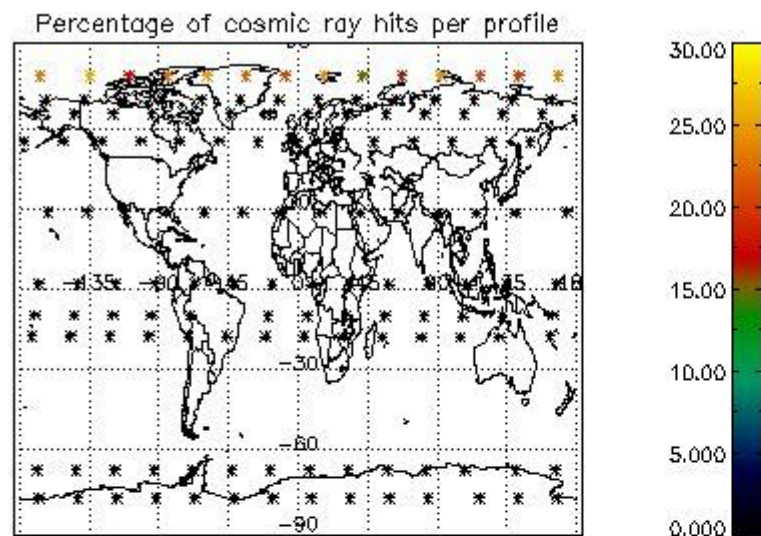


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

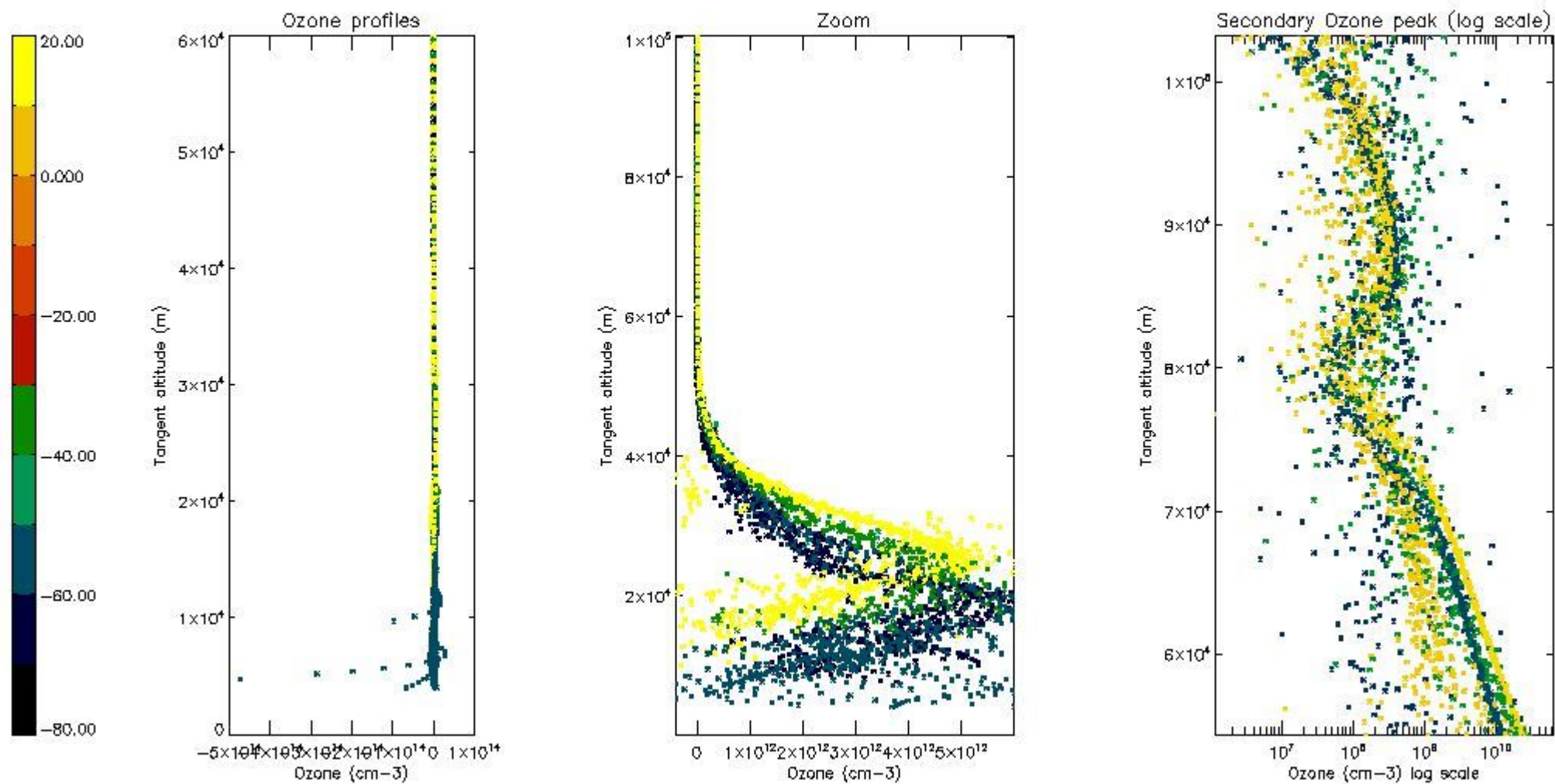
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	15

STD < 10	12
STD < 5	7

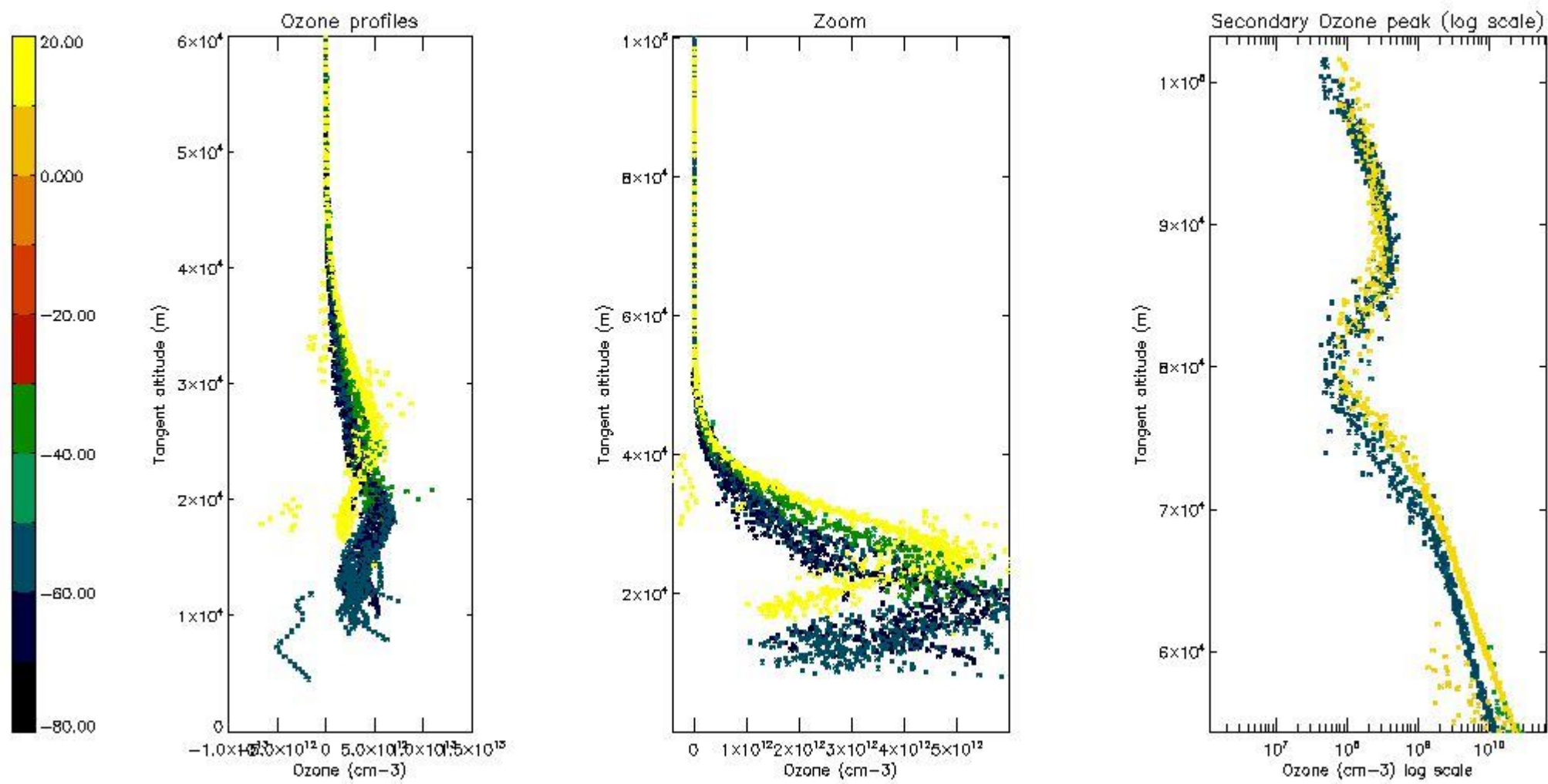
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



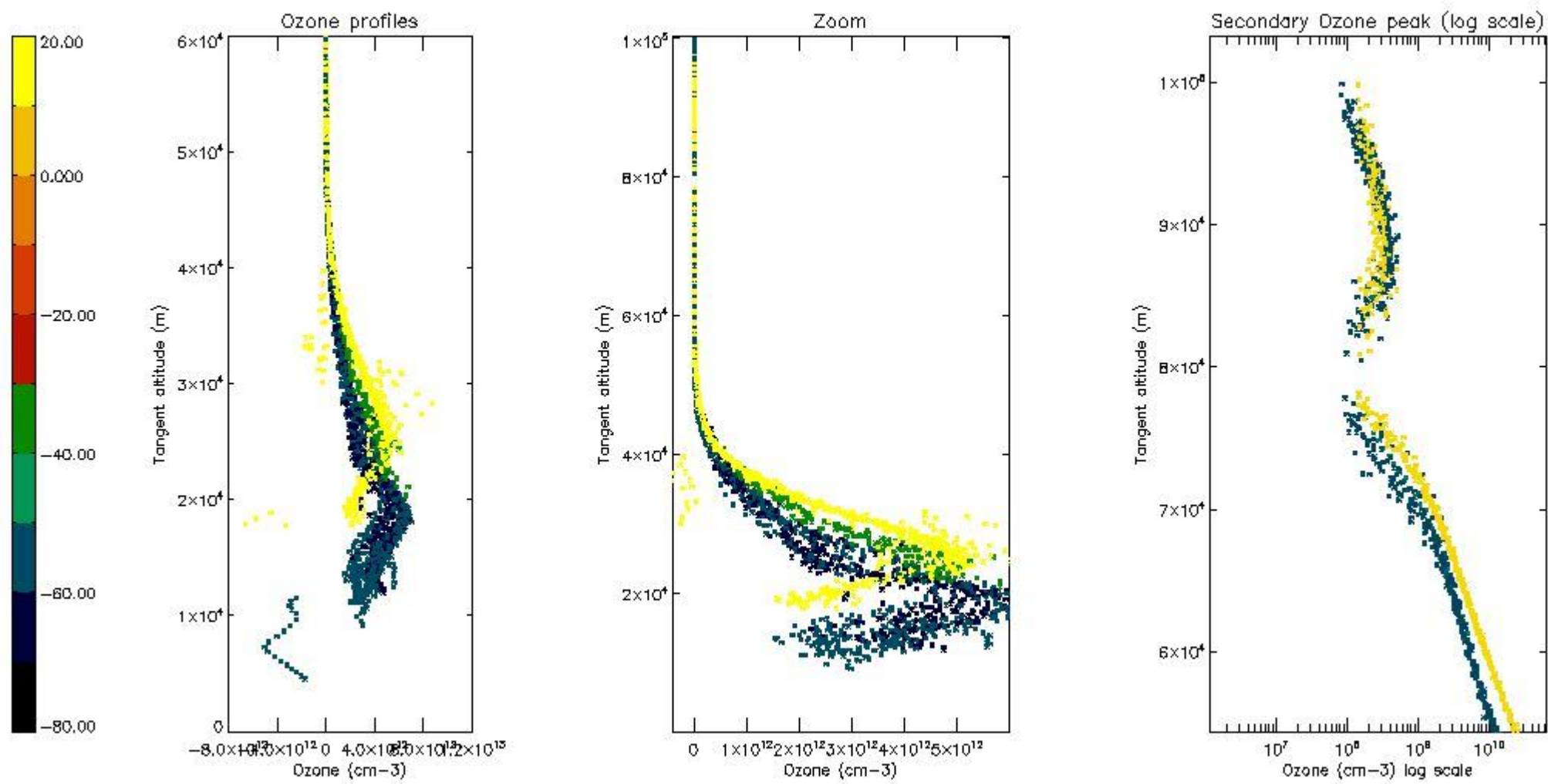
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



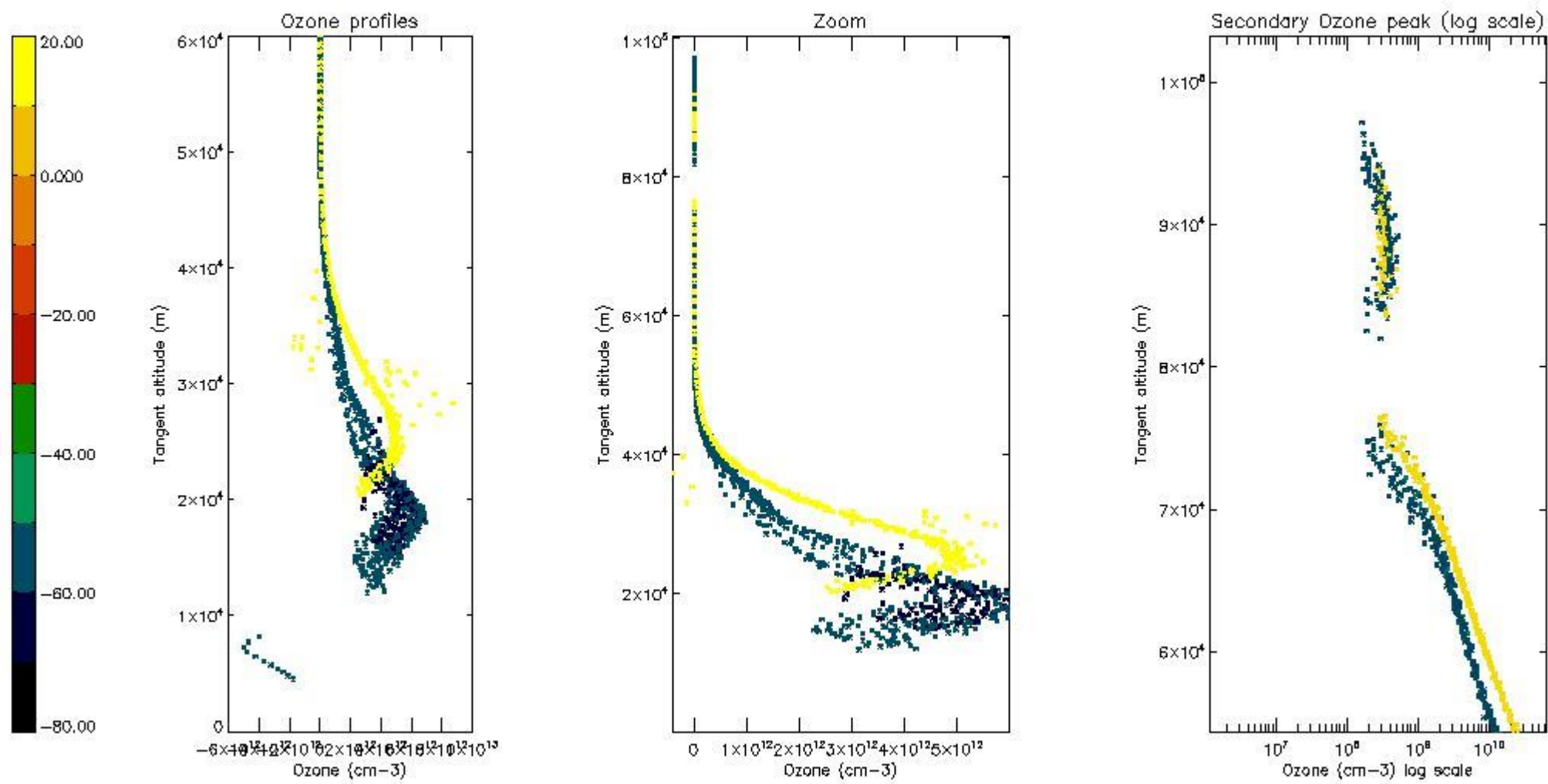
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



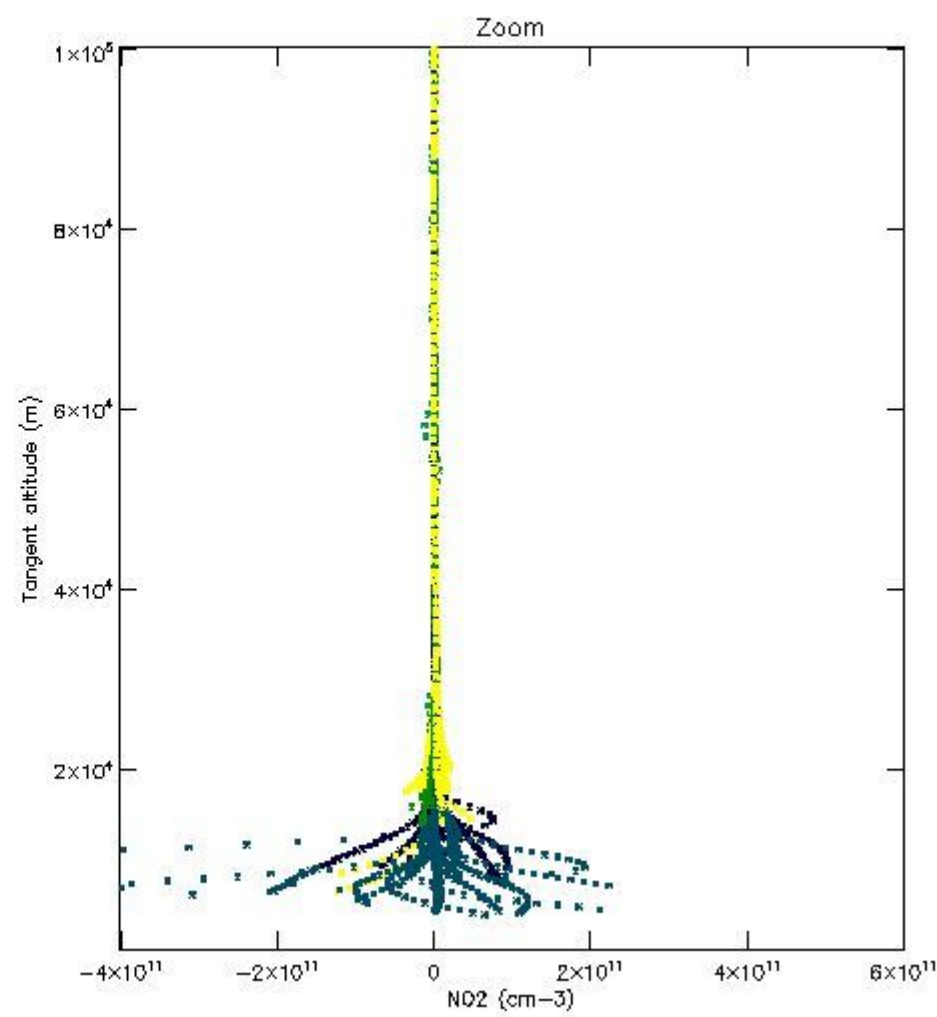
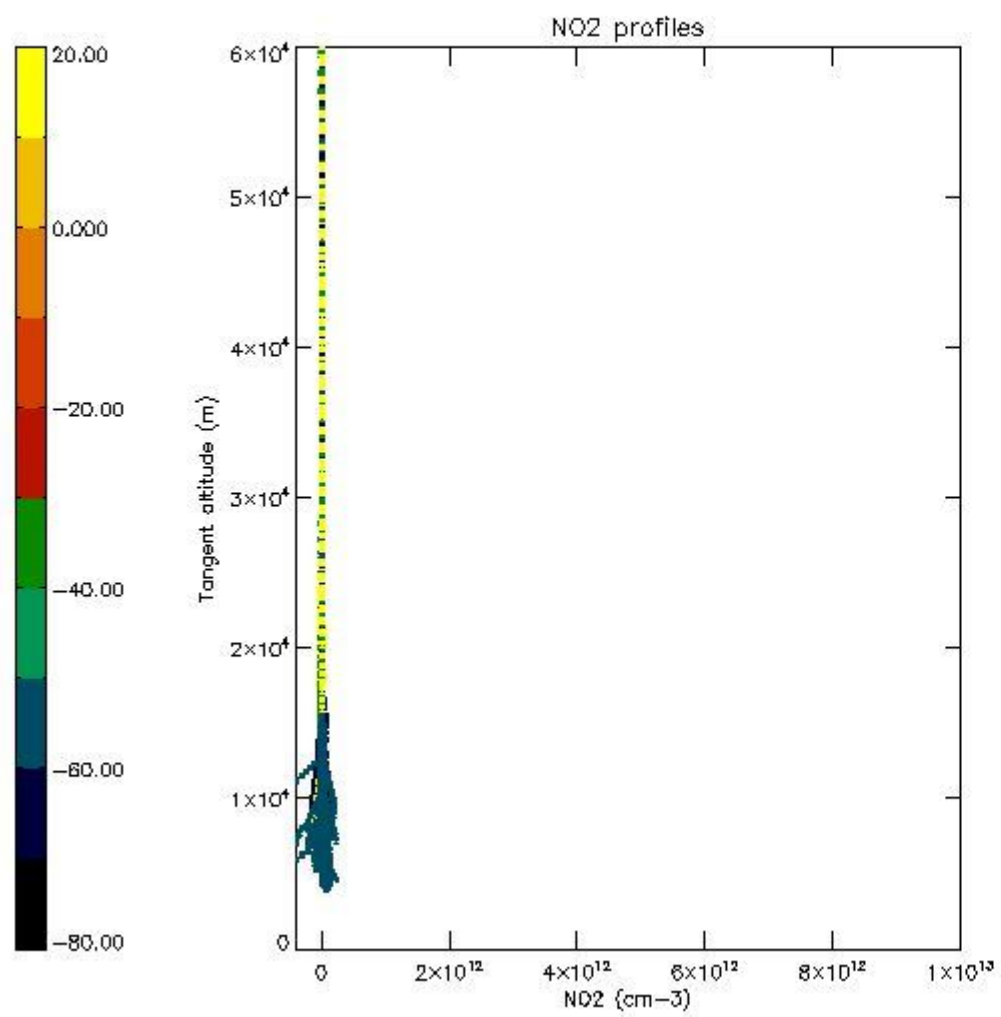
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



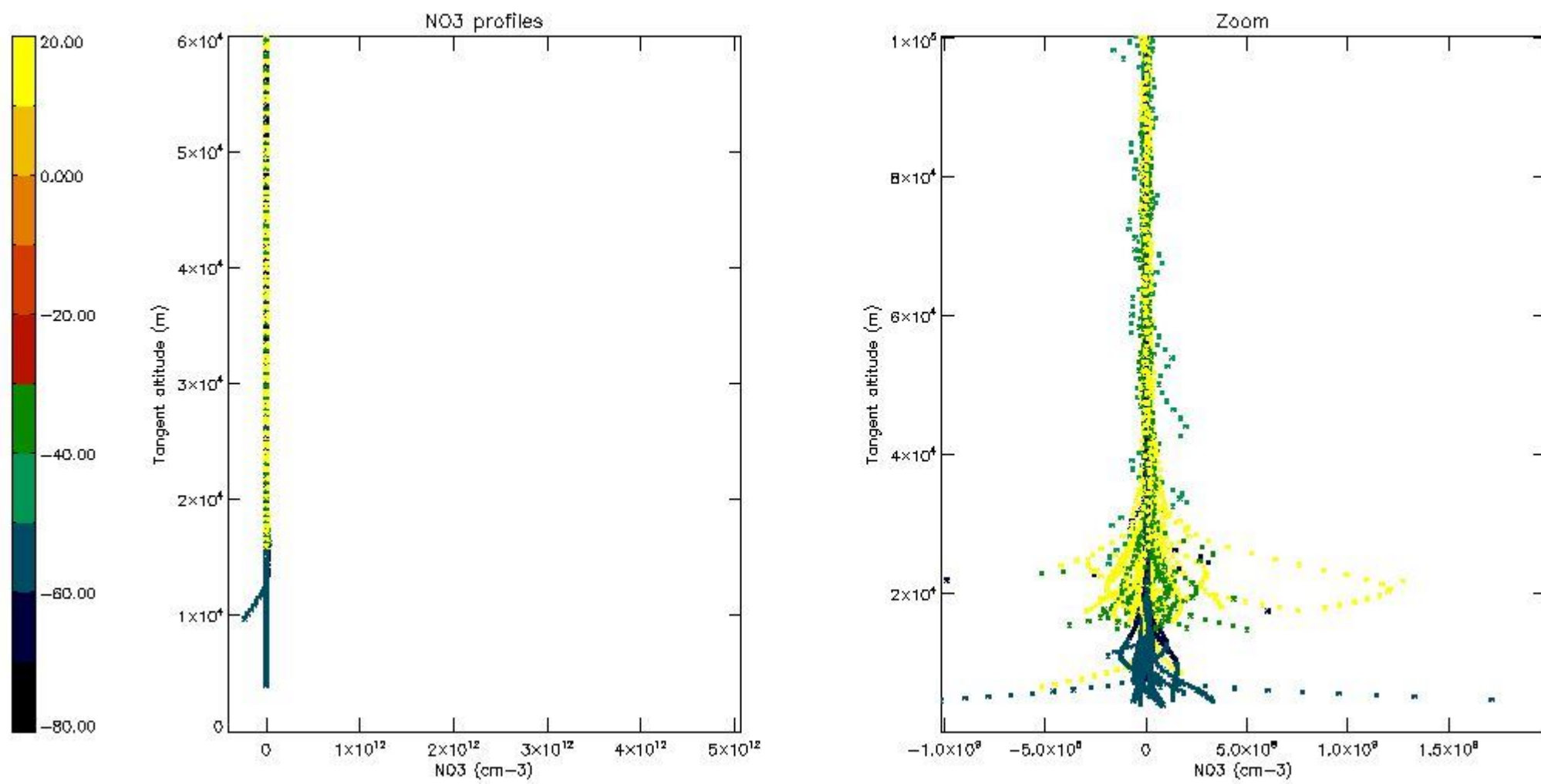
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



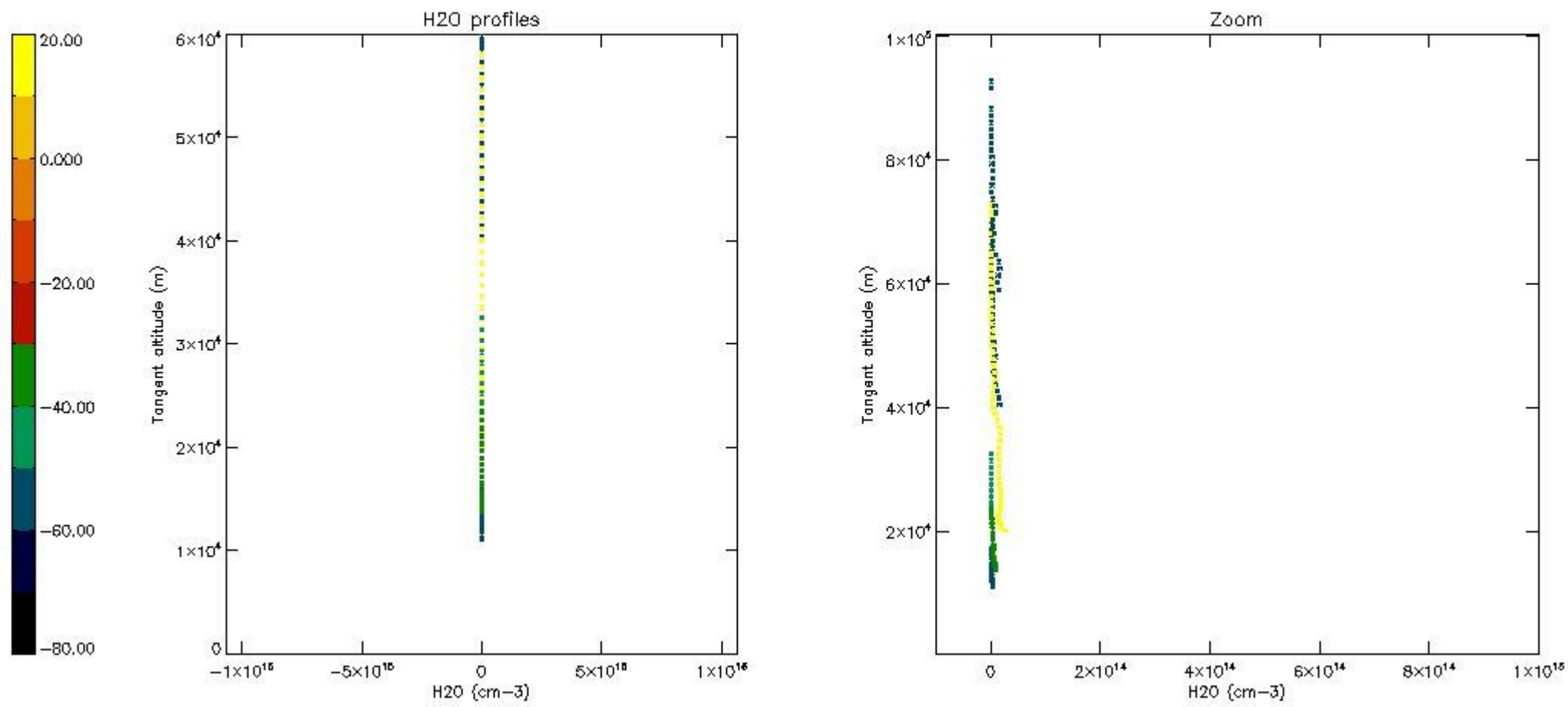
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

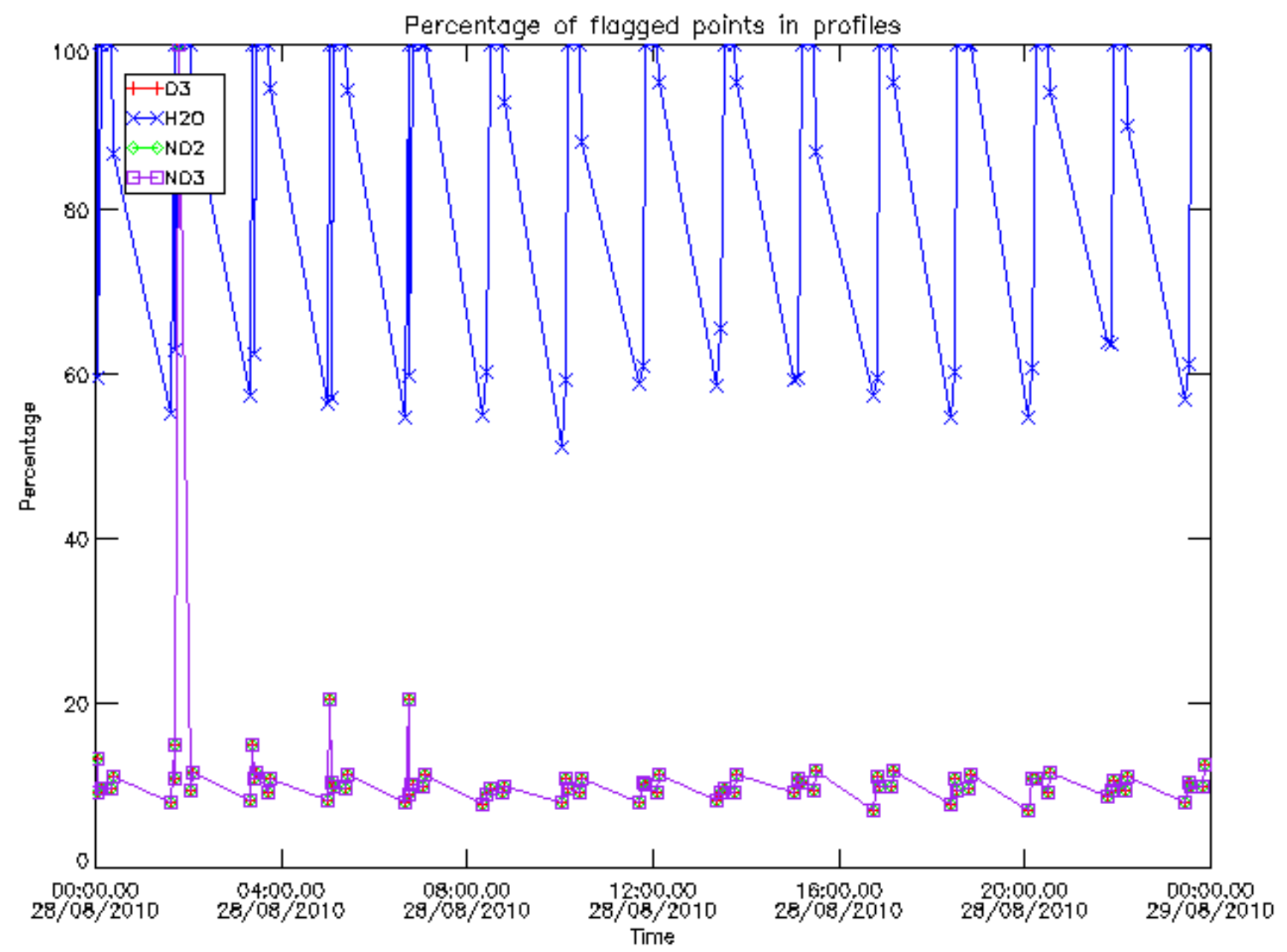
The colorbar represents the latitude.



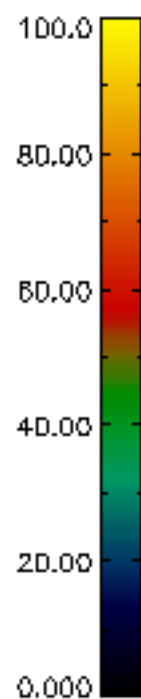
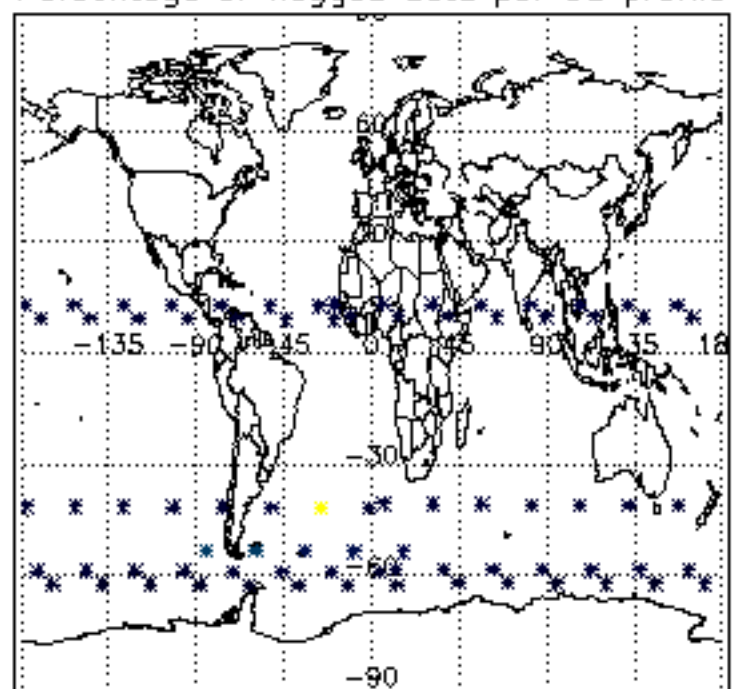
6. Auxiliary Data Files used for the production reported in section 2

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

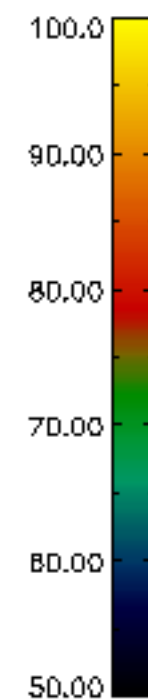
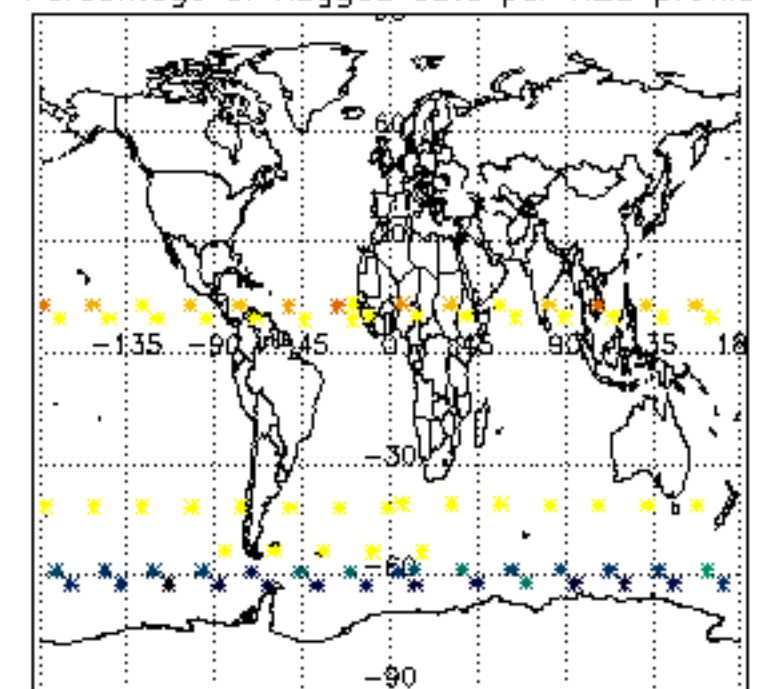
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	28-AUG-2010 00:01:23
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	28-AUG-2010 00:01:23
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	28-AUG-2010 00:01:23



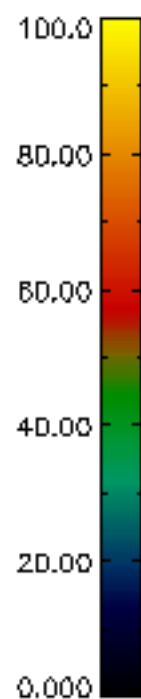
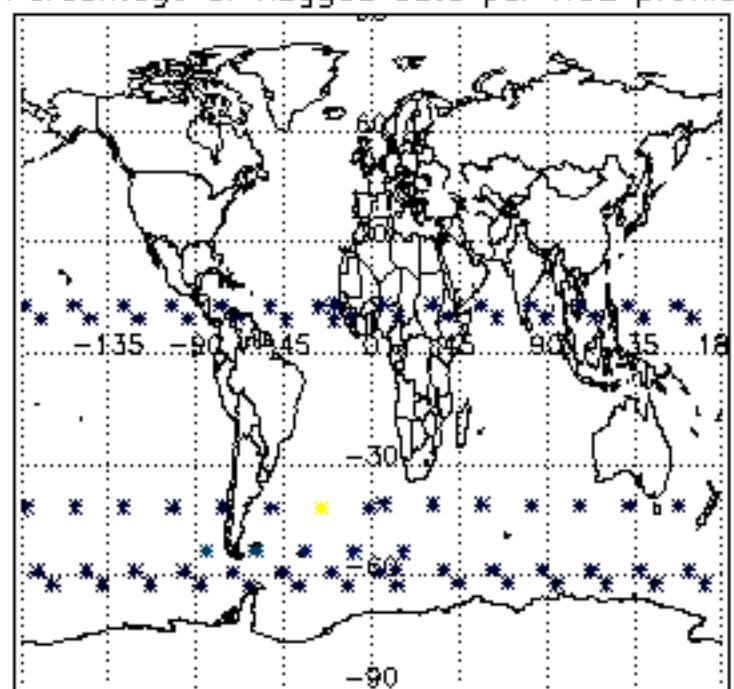
Percentage of flagged data per D3 profile



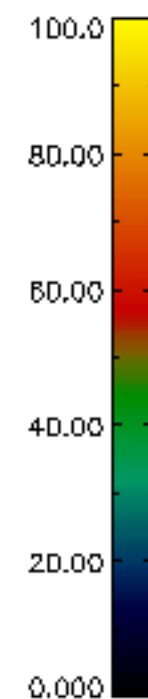
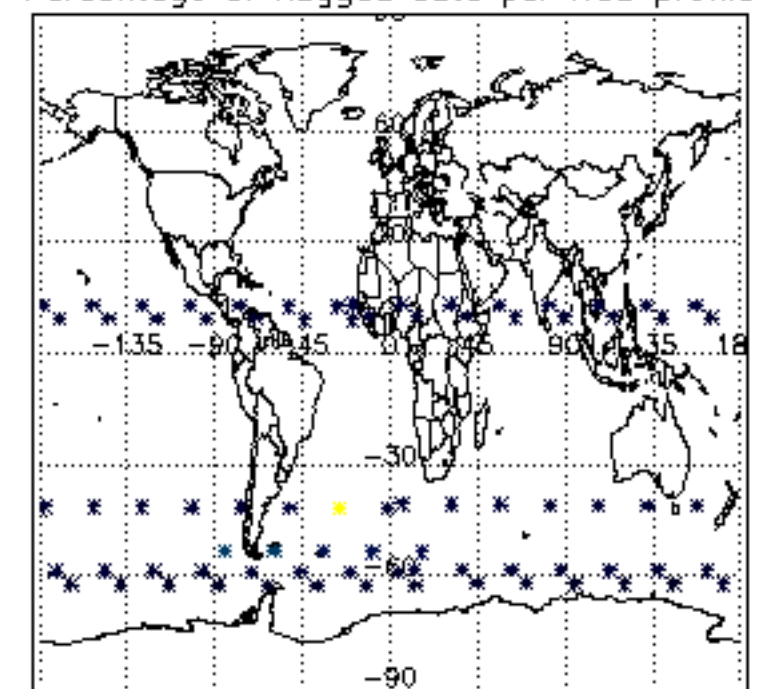
Percentage of flagged data per H2O profile

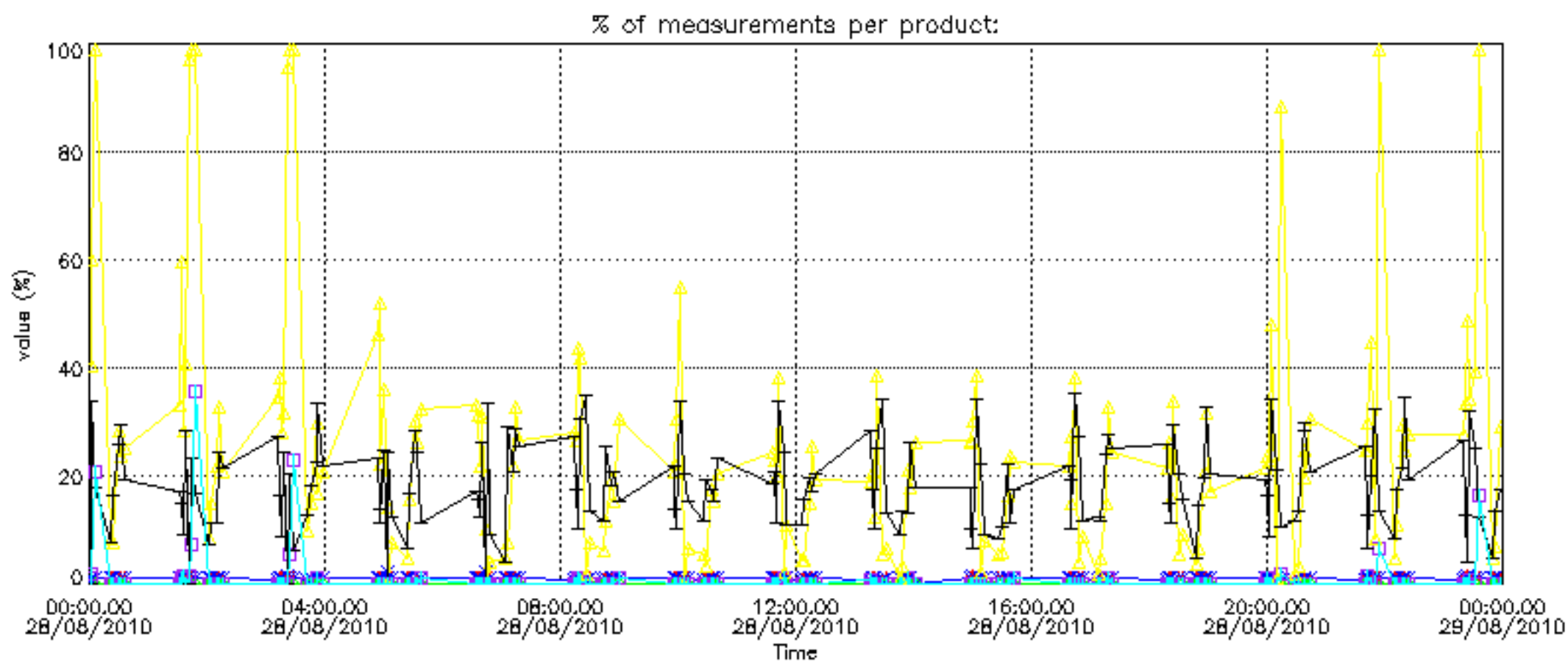


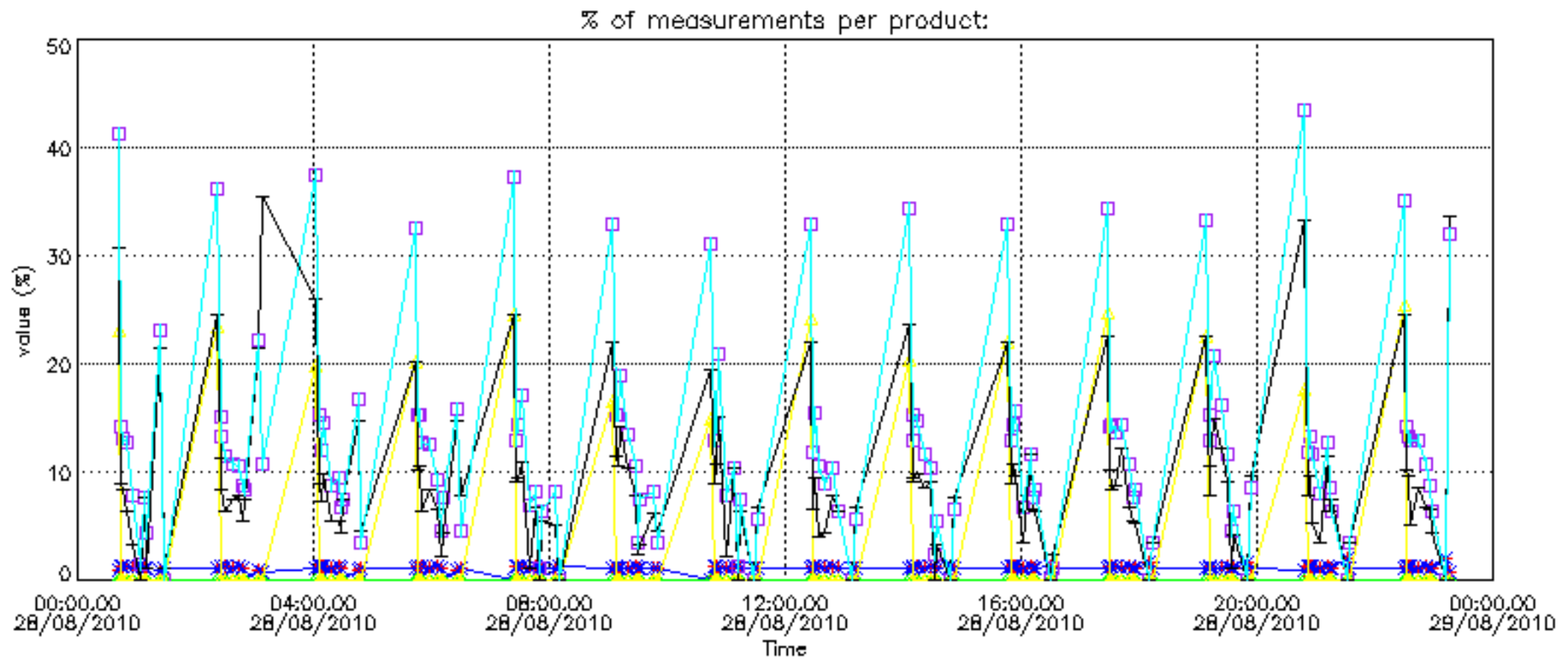
Percentage of flagged data per NO2 profile



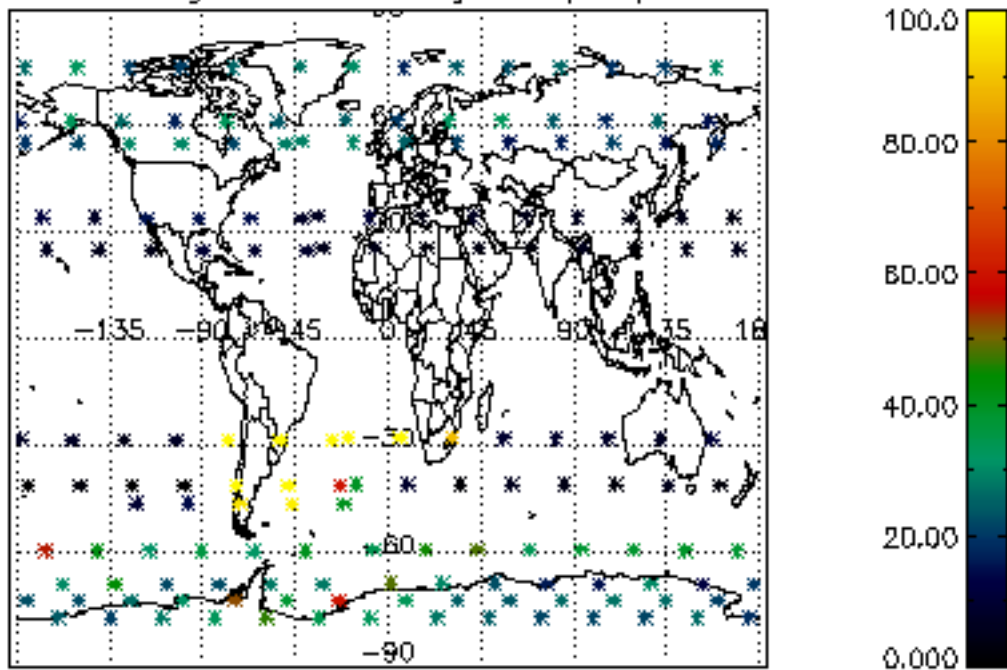
Percentage of flagged data per NO3 profile



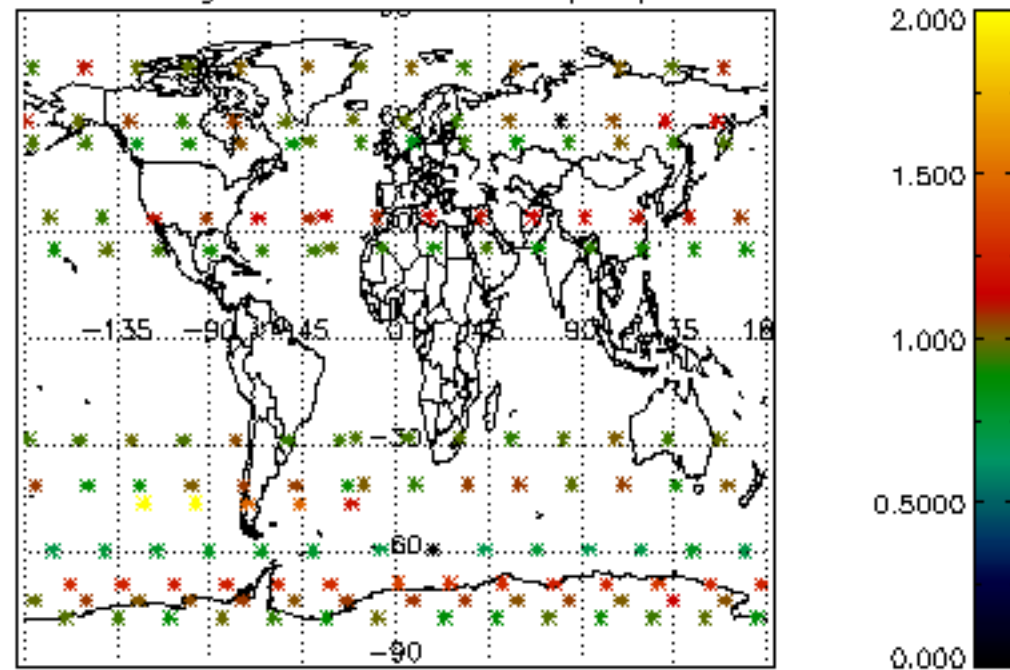




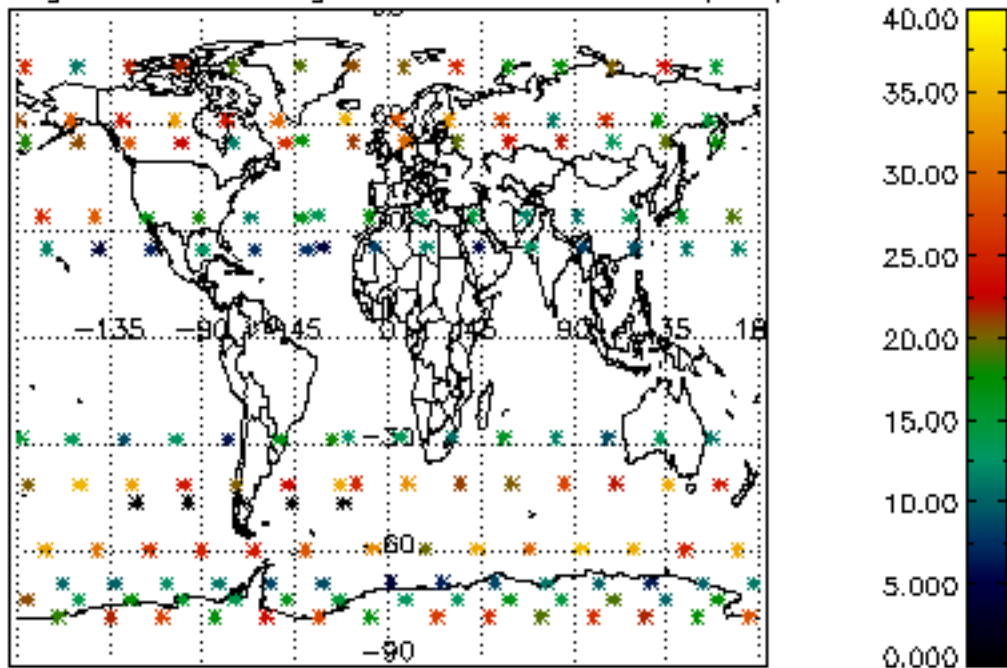
Percentage of cosmic ray hits per profile



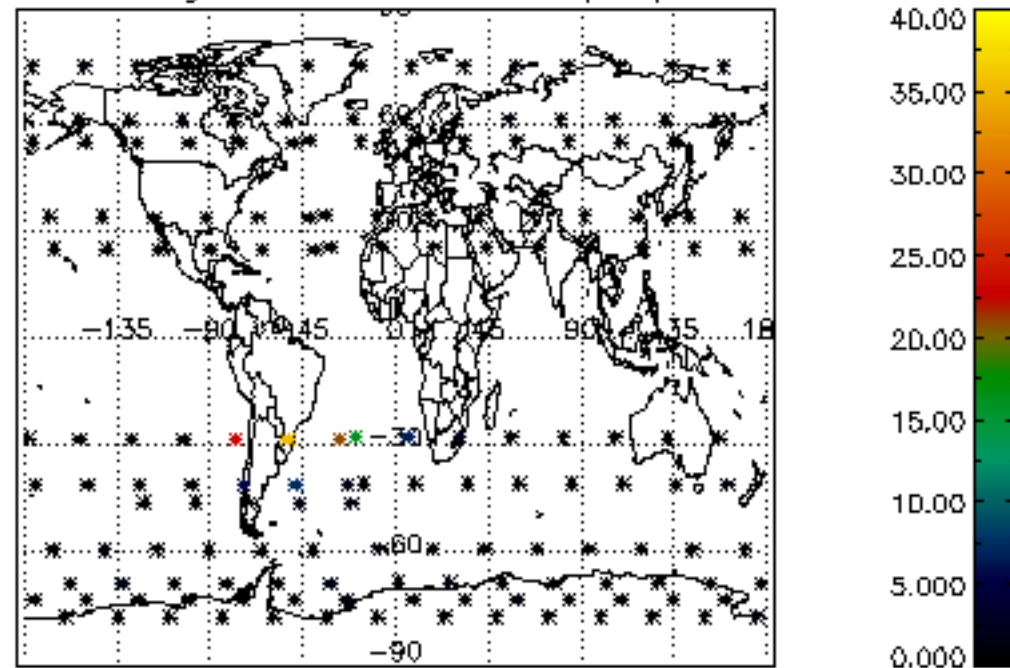
Percentage of datation errors per profile



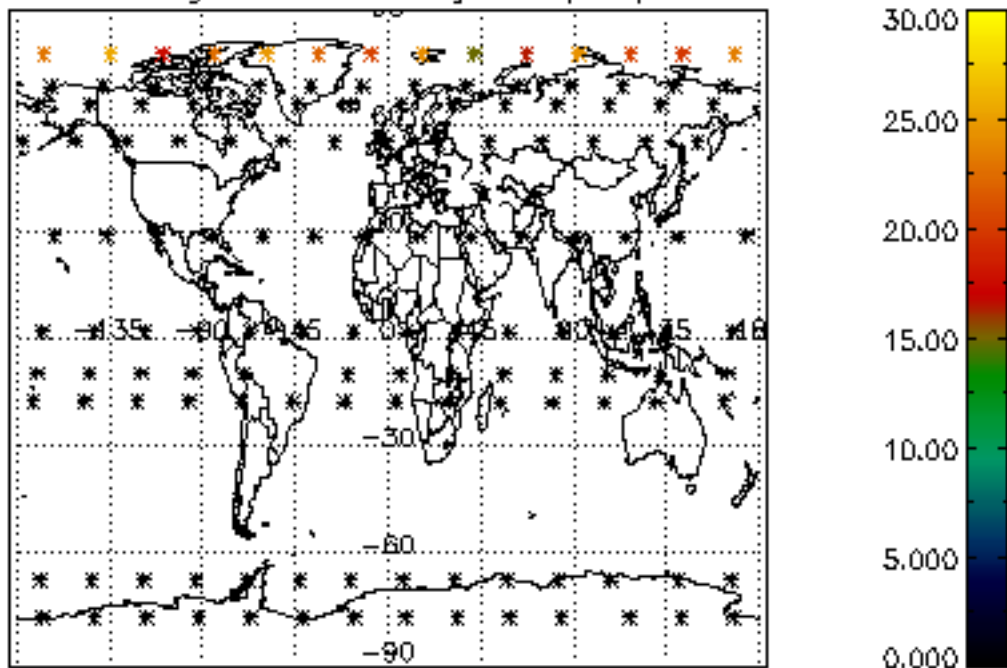
Percentage of star falling outside central band per profile



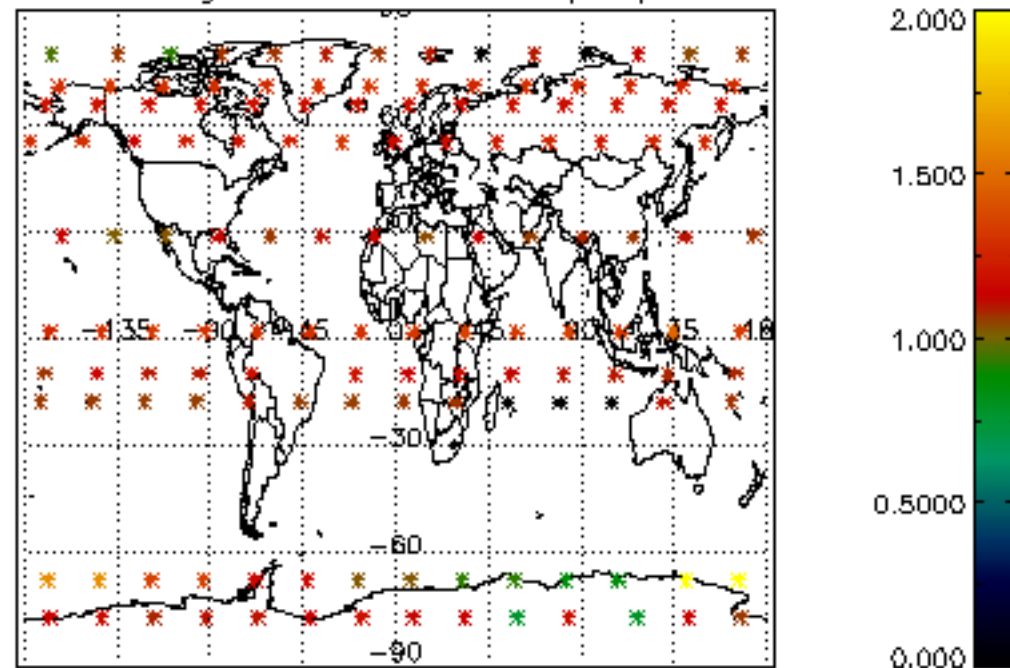
Percentage of saturation errors per profile



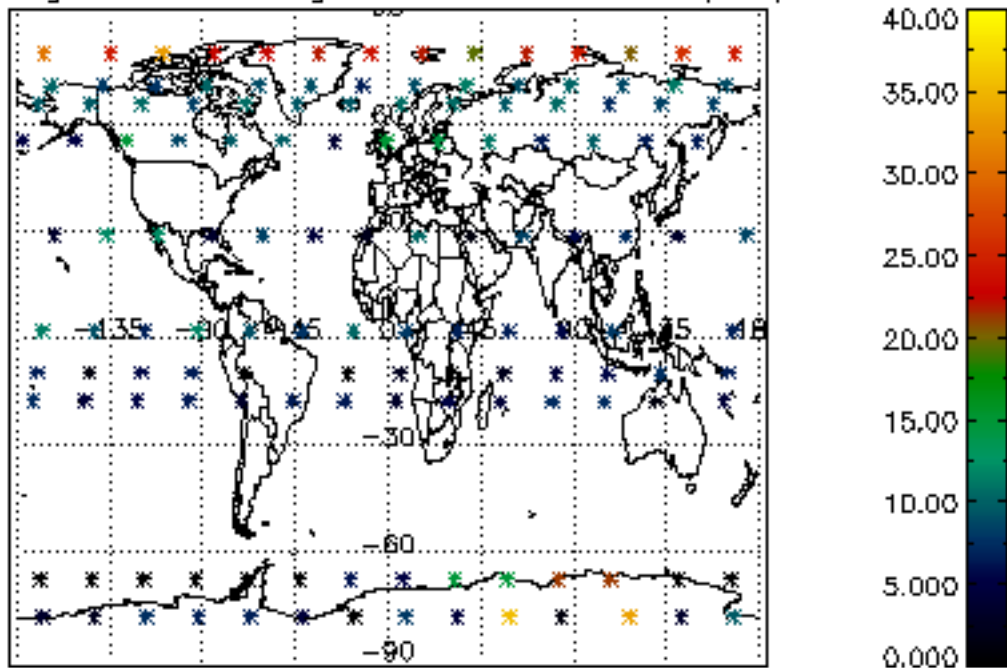
Percentage of cosmic ray hits per profile



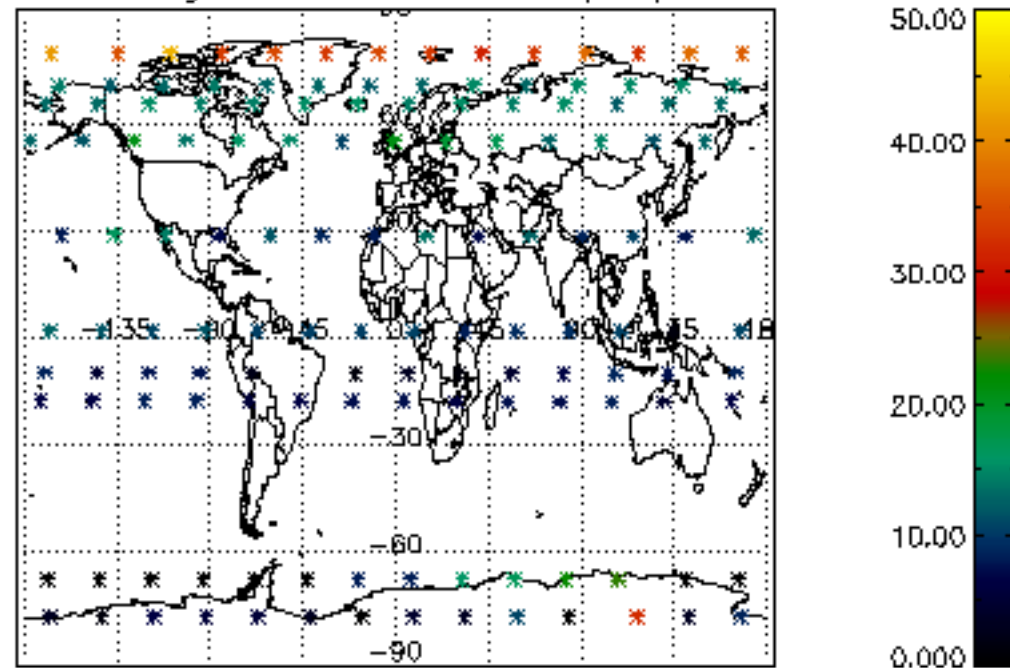
Percentage of datation errors per profile

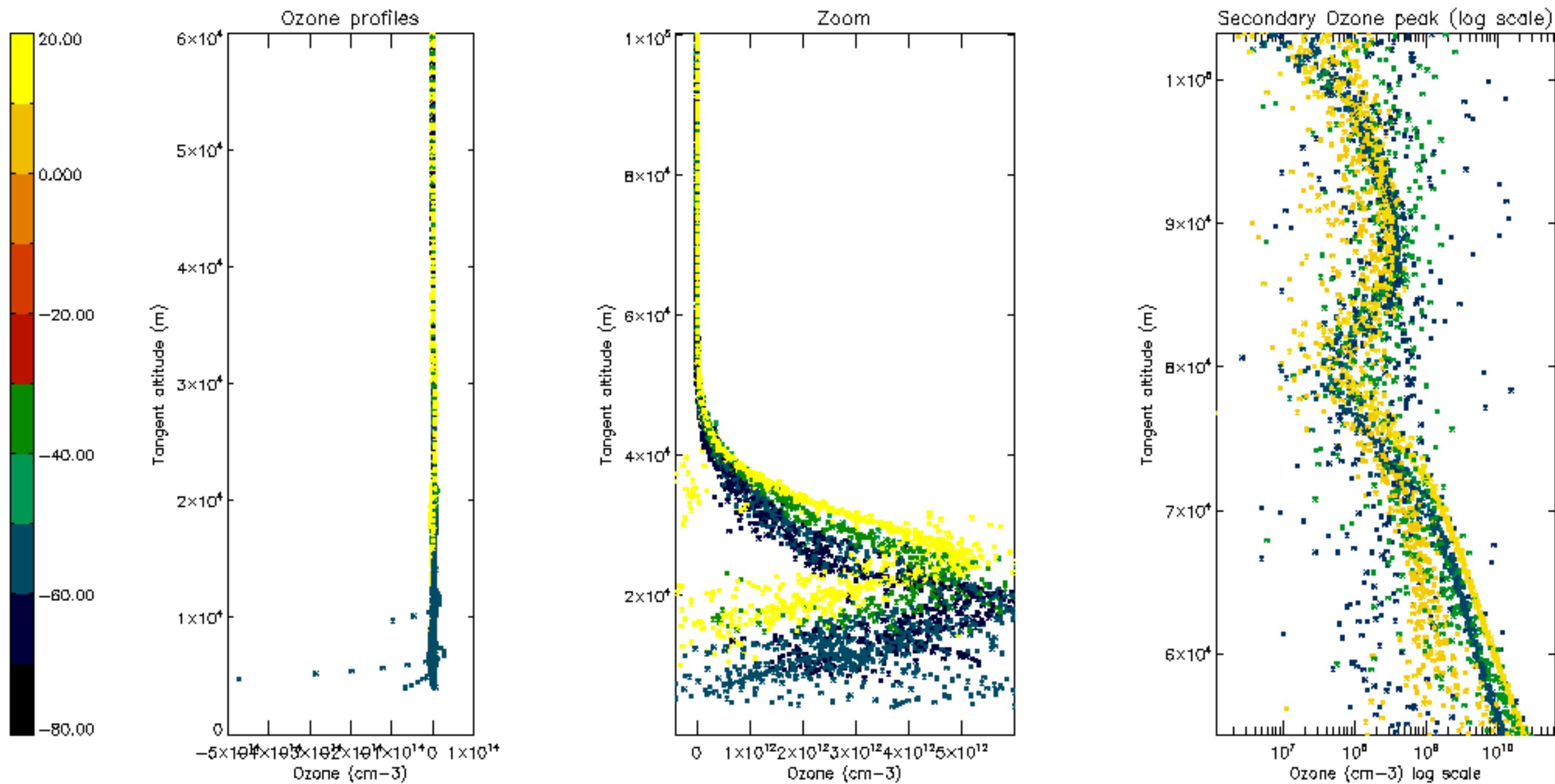


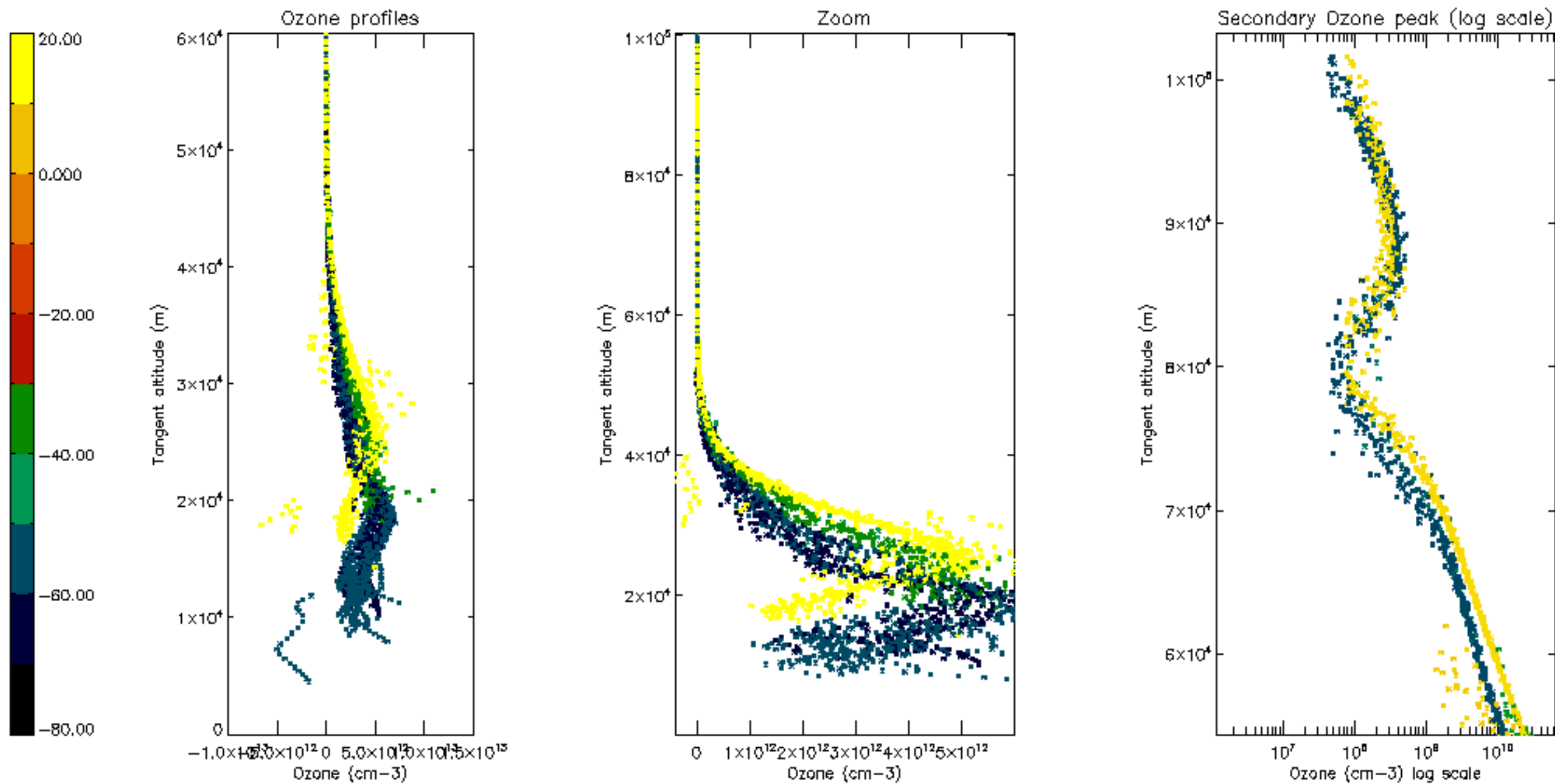
Percentage of star falling outside central band per profile

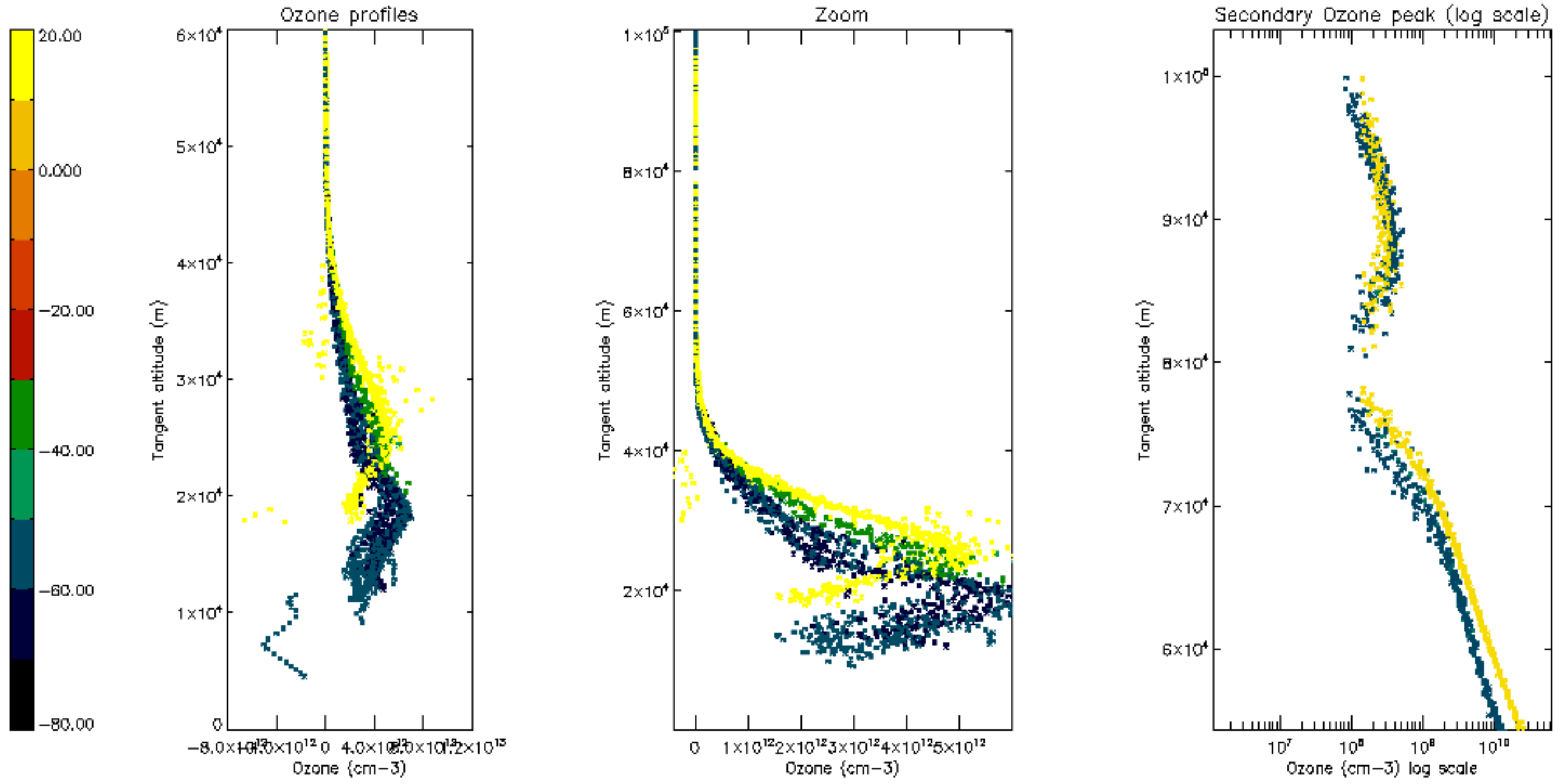


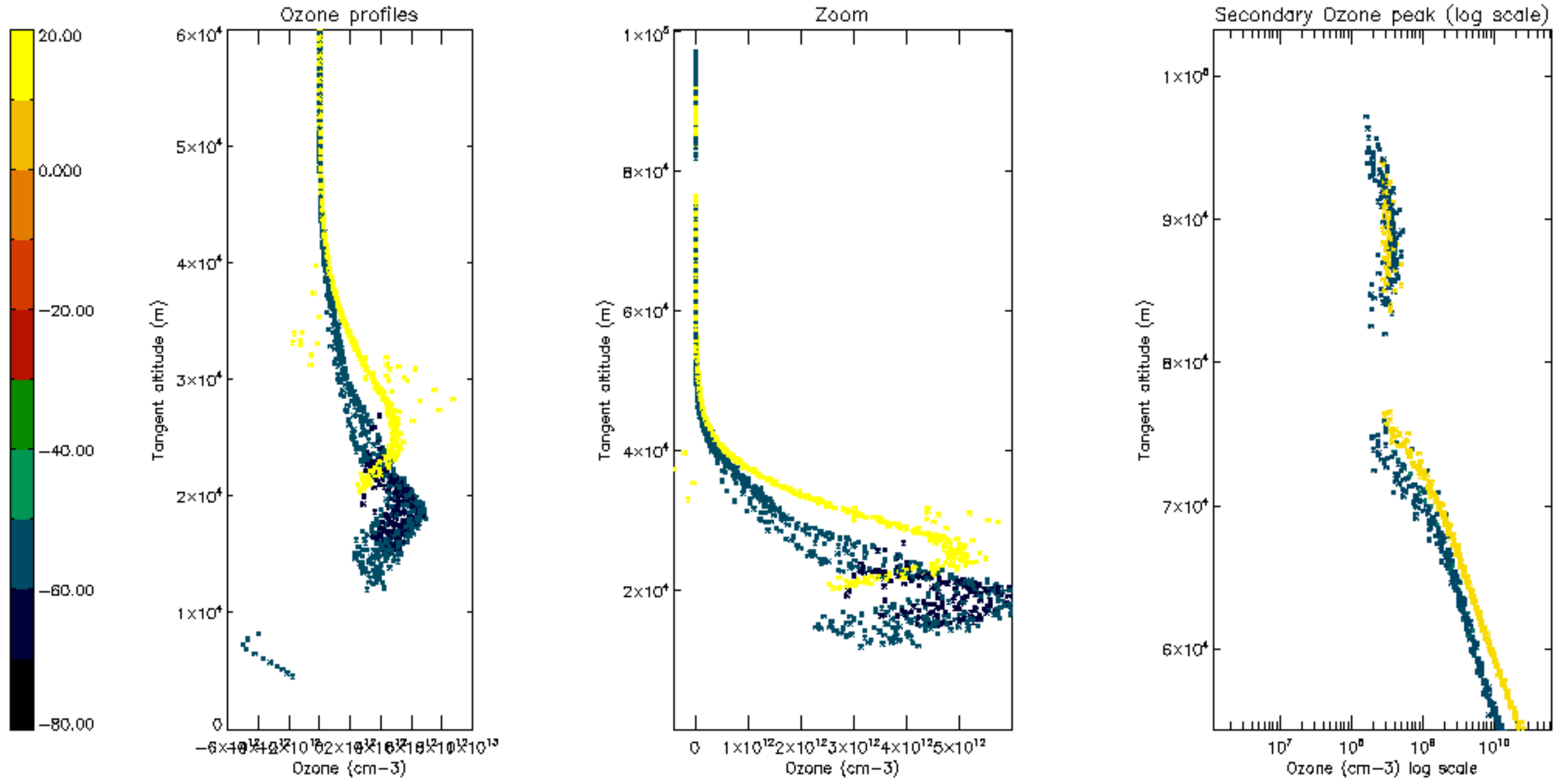
Percentage of saturation errors per profile

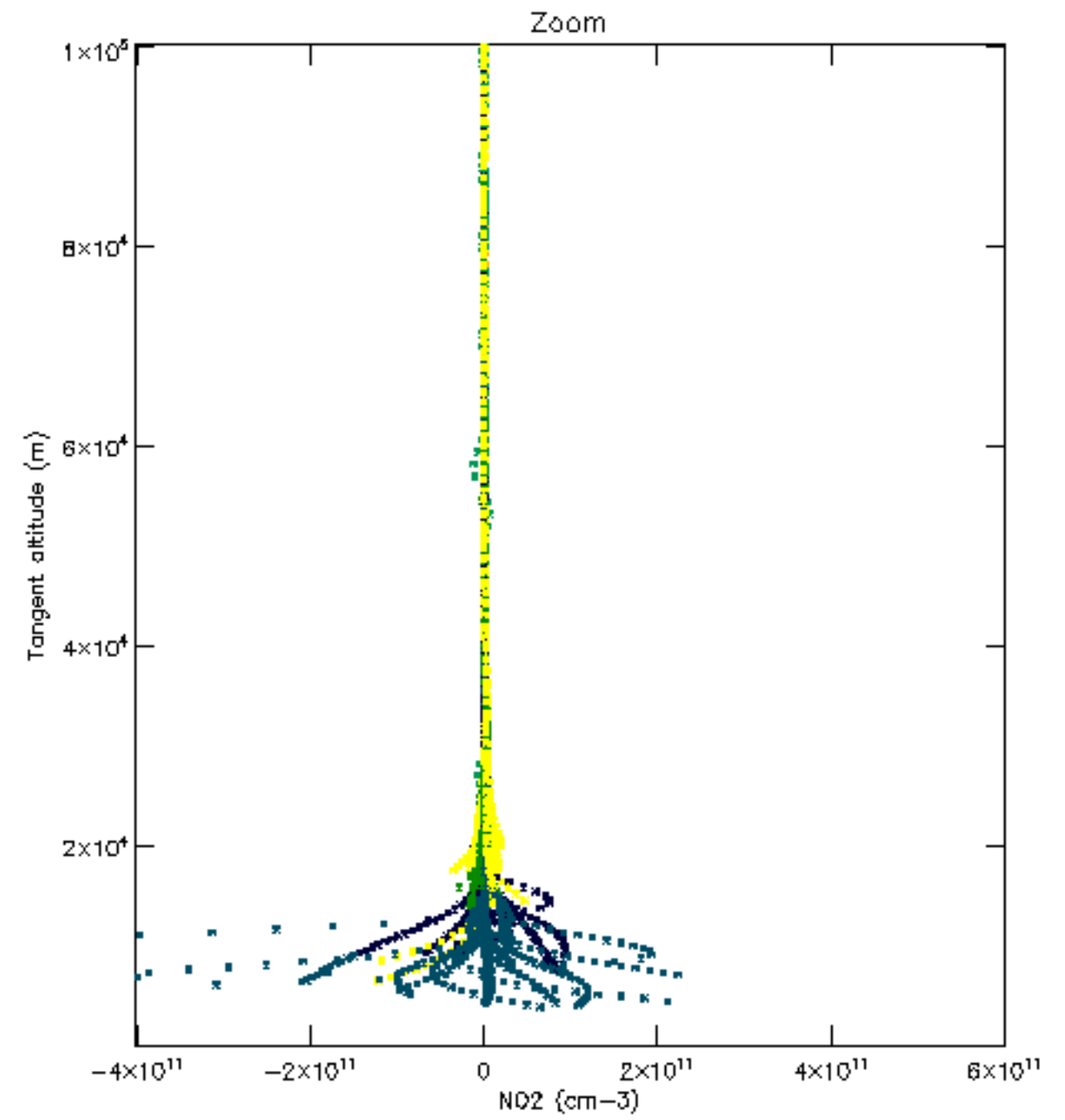
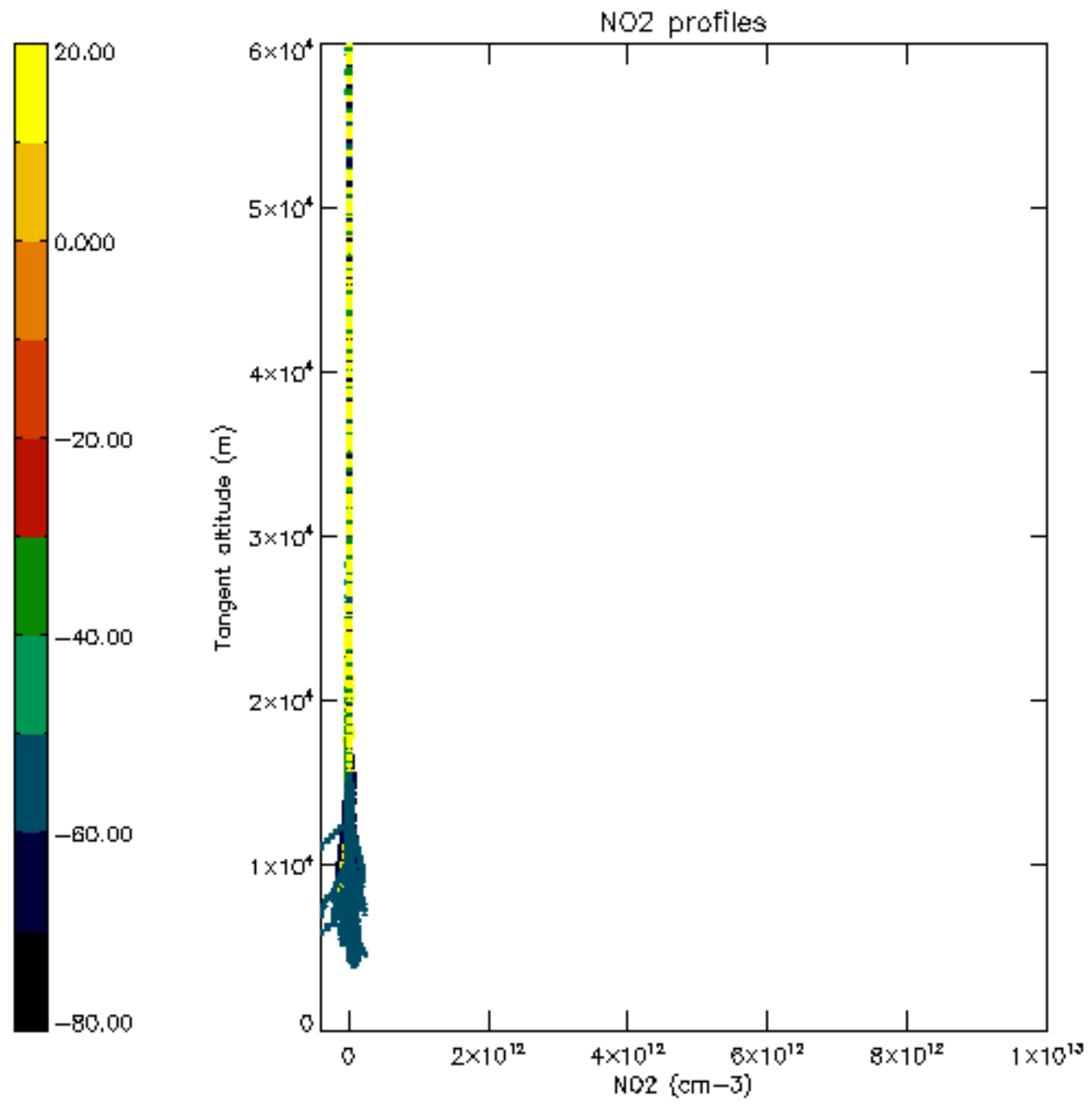


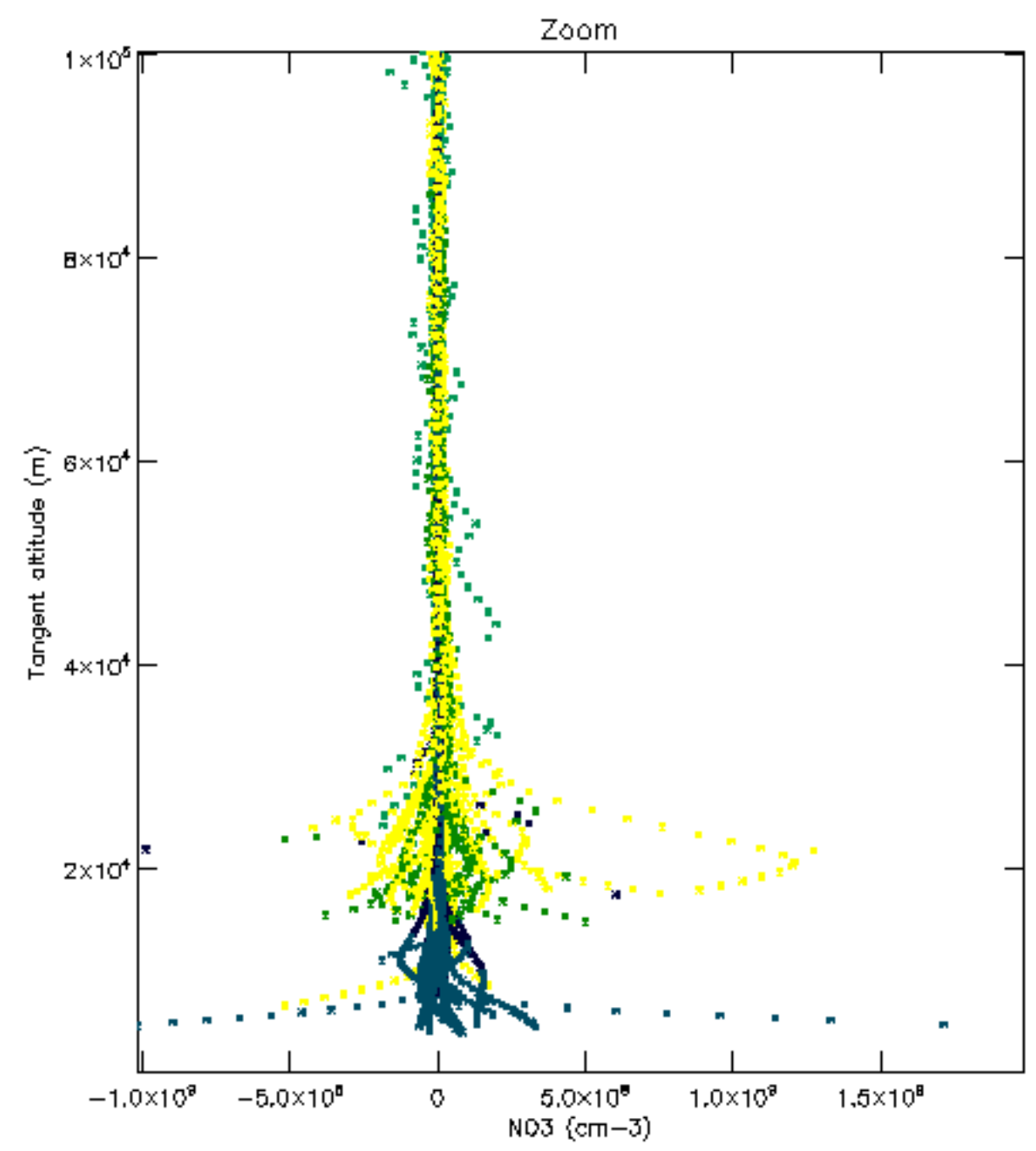
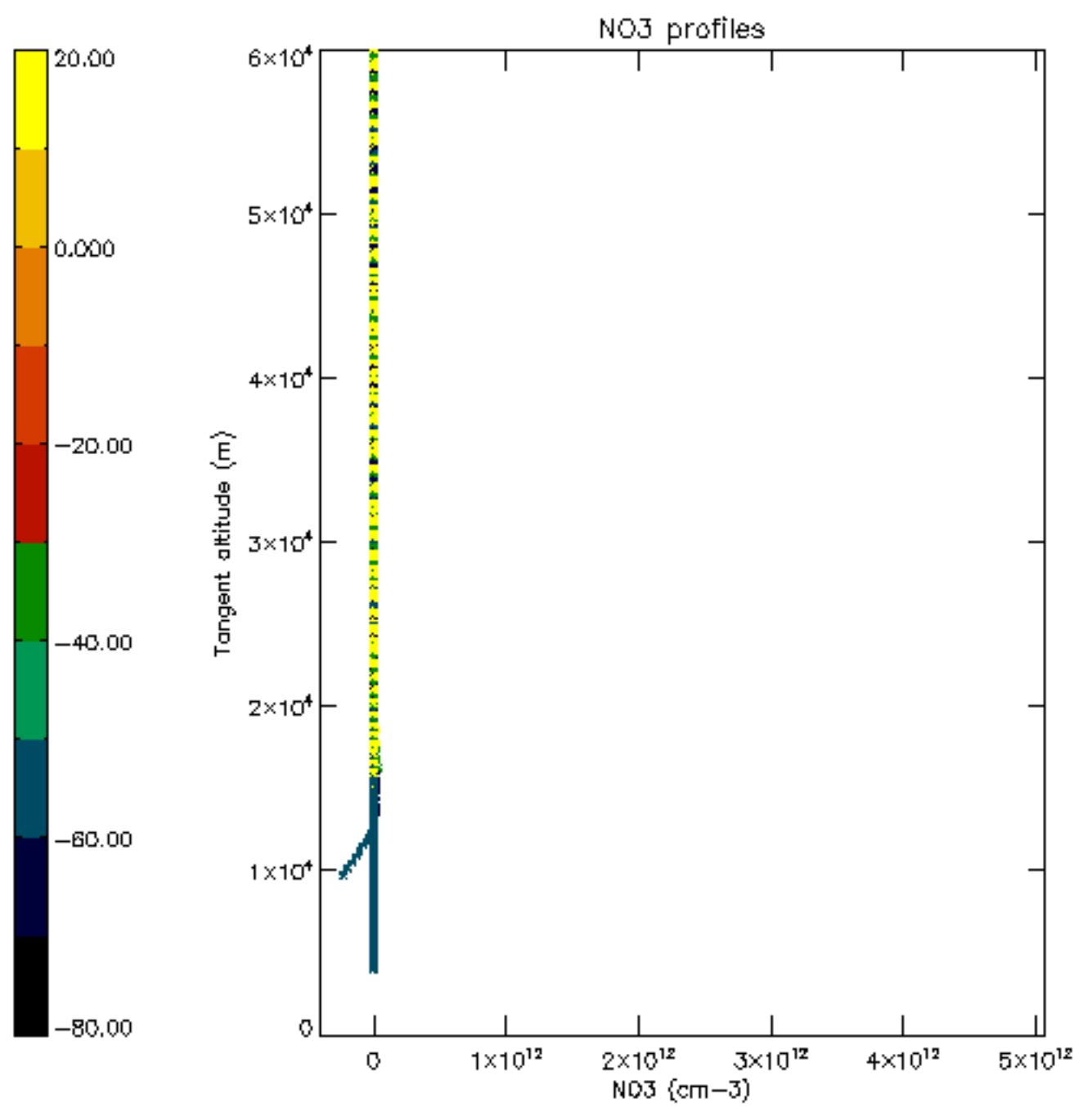


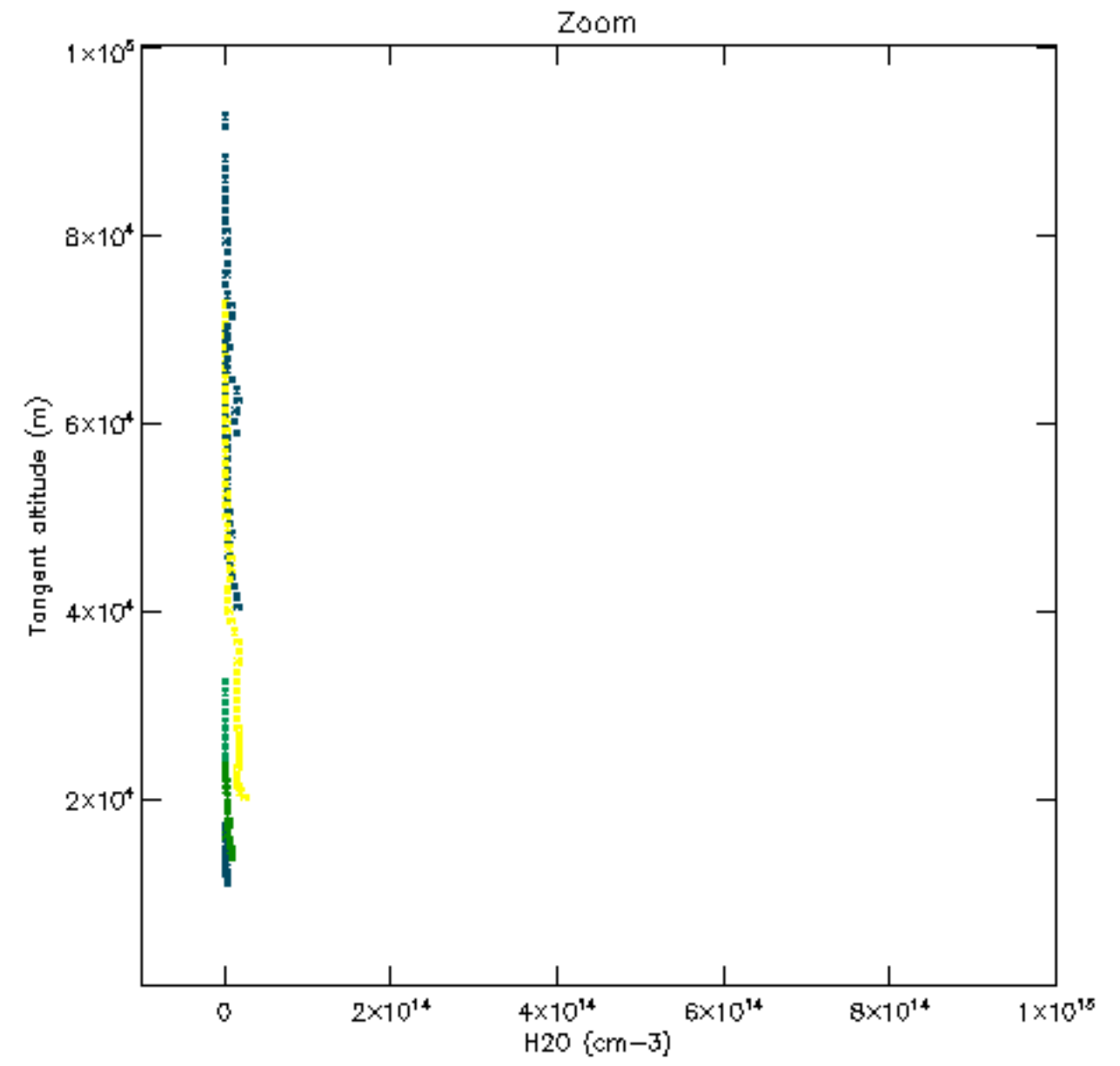
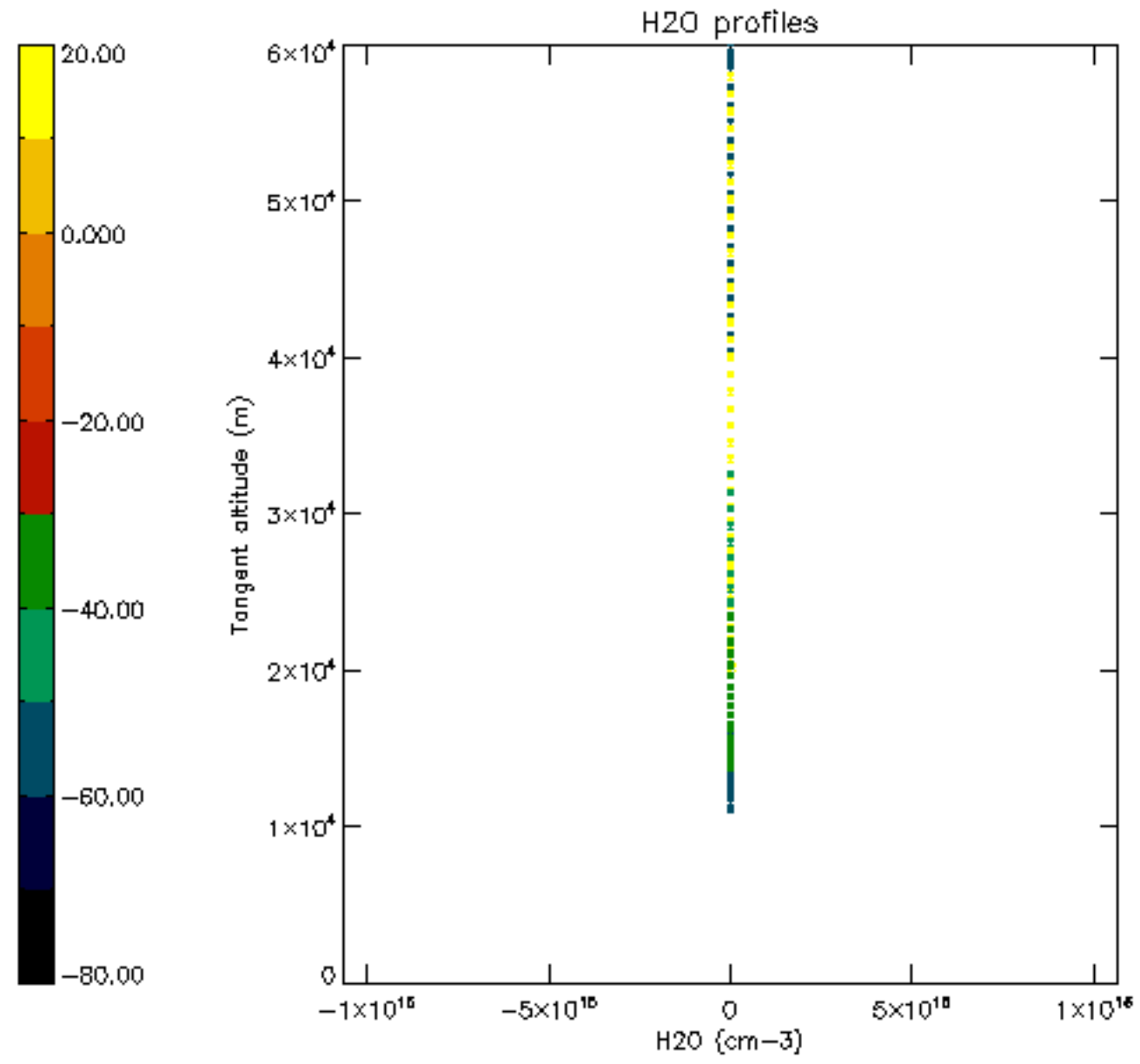


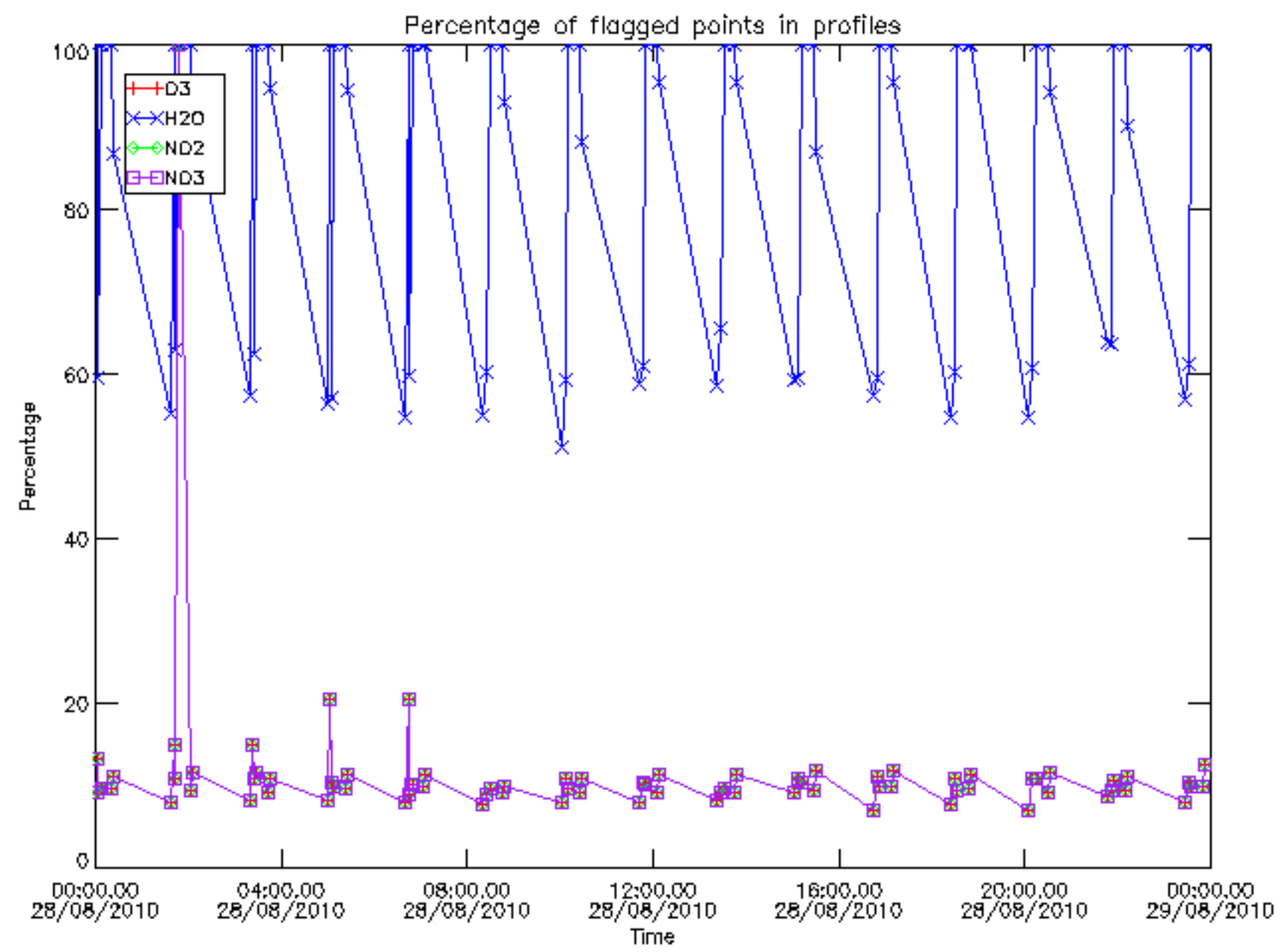




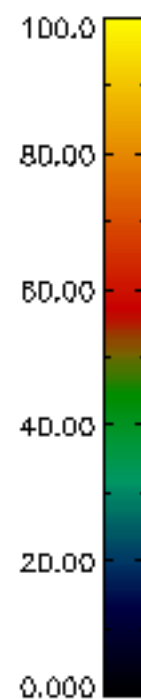
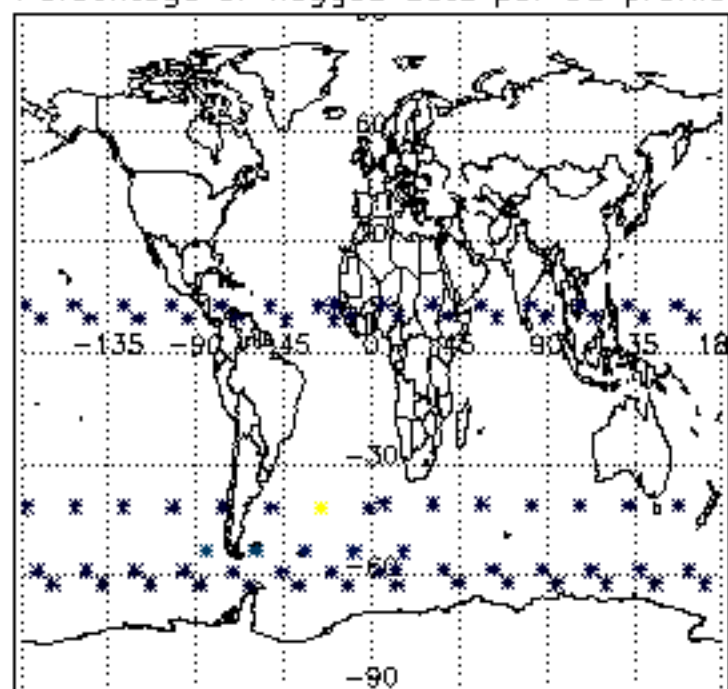




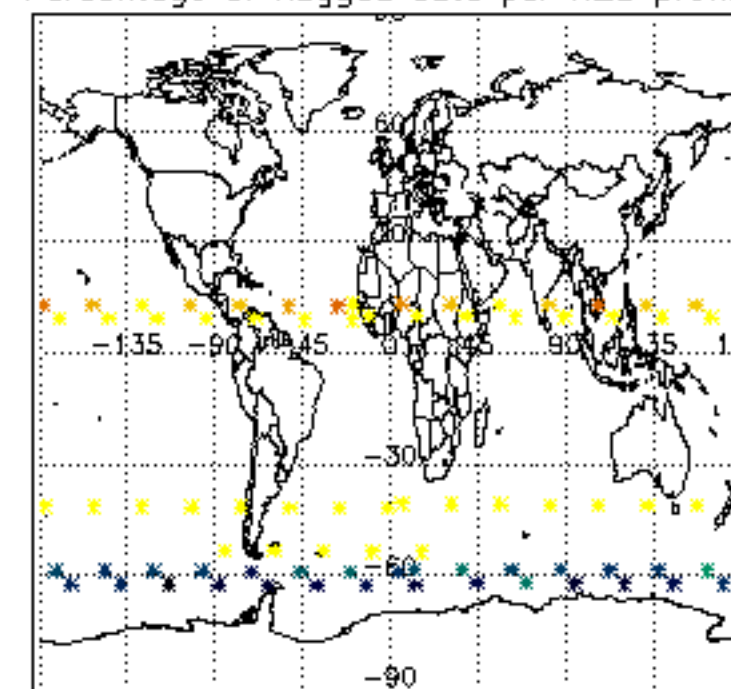




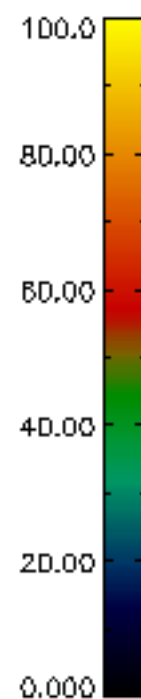
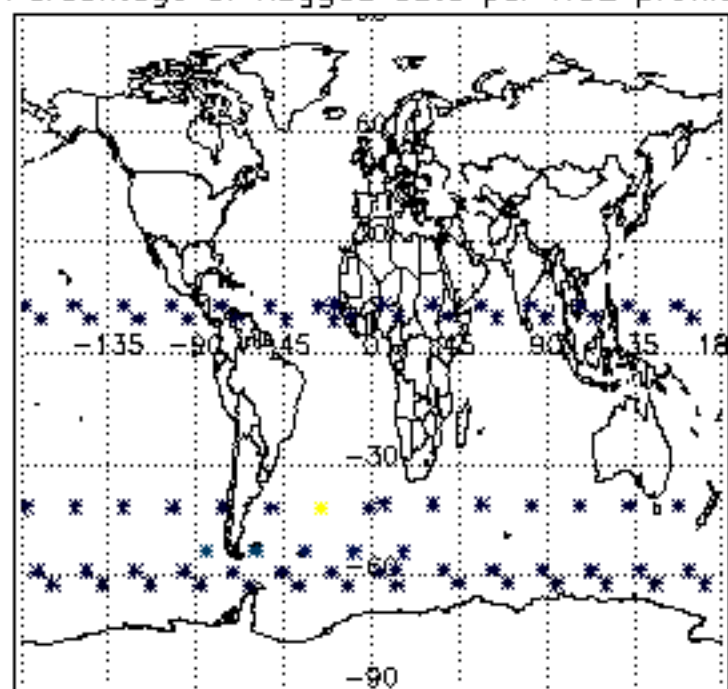
Percentage of flagged data per D3 profile



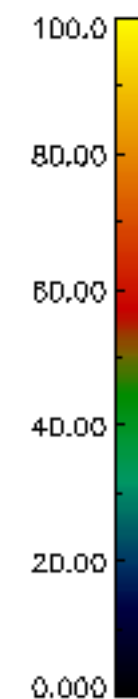
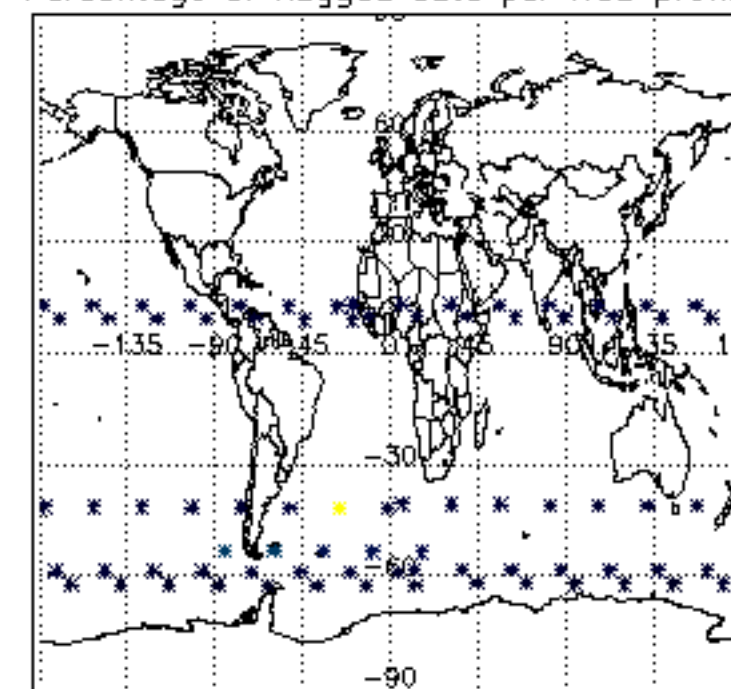
Percentage of flagged data per H2O profile

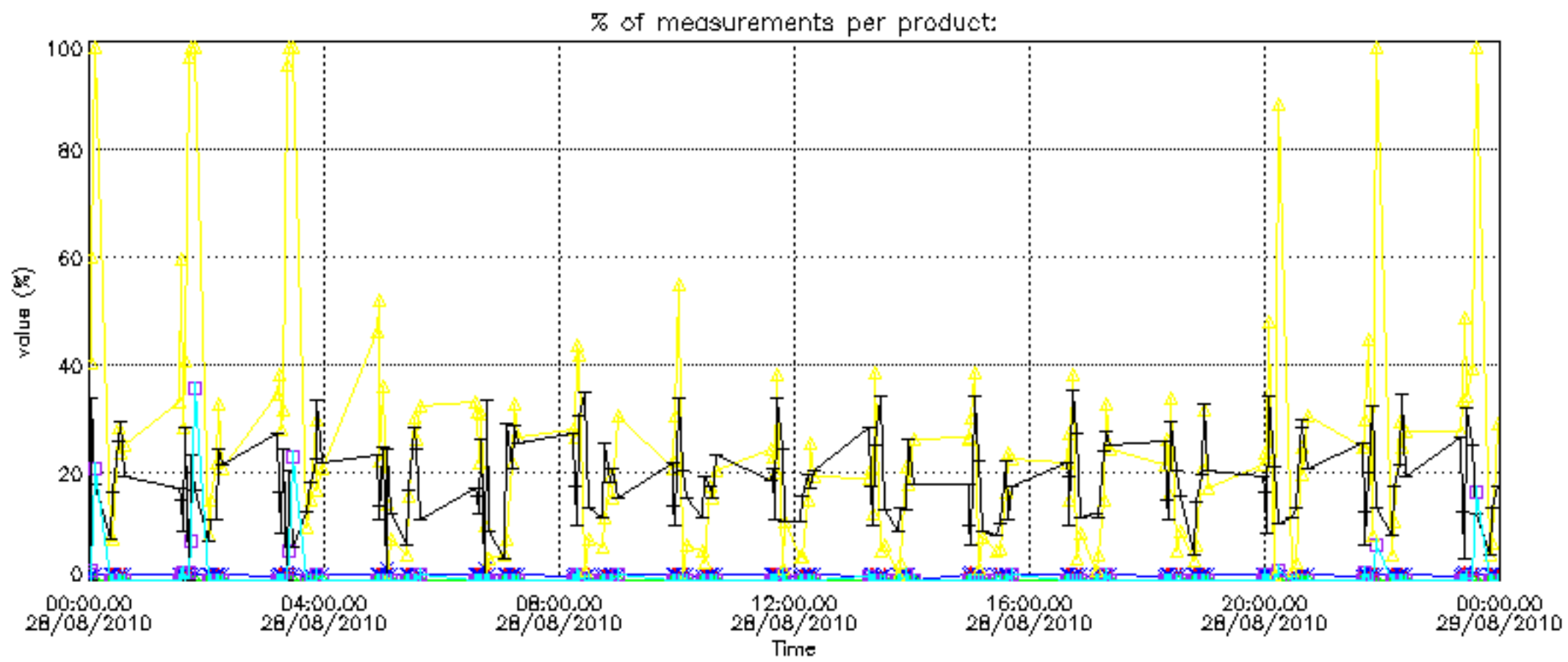


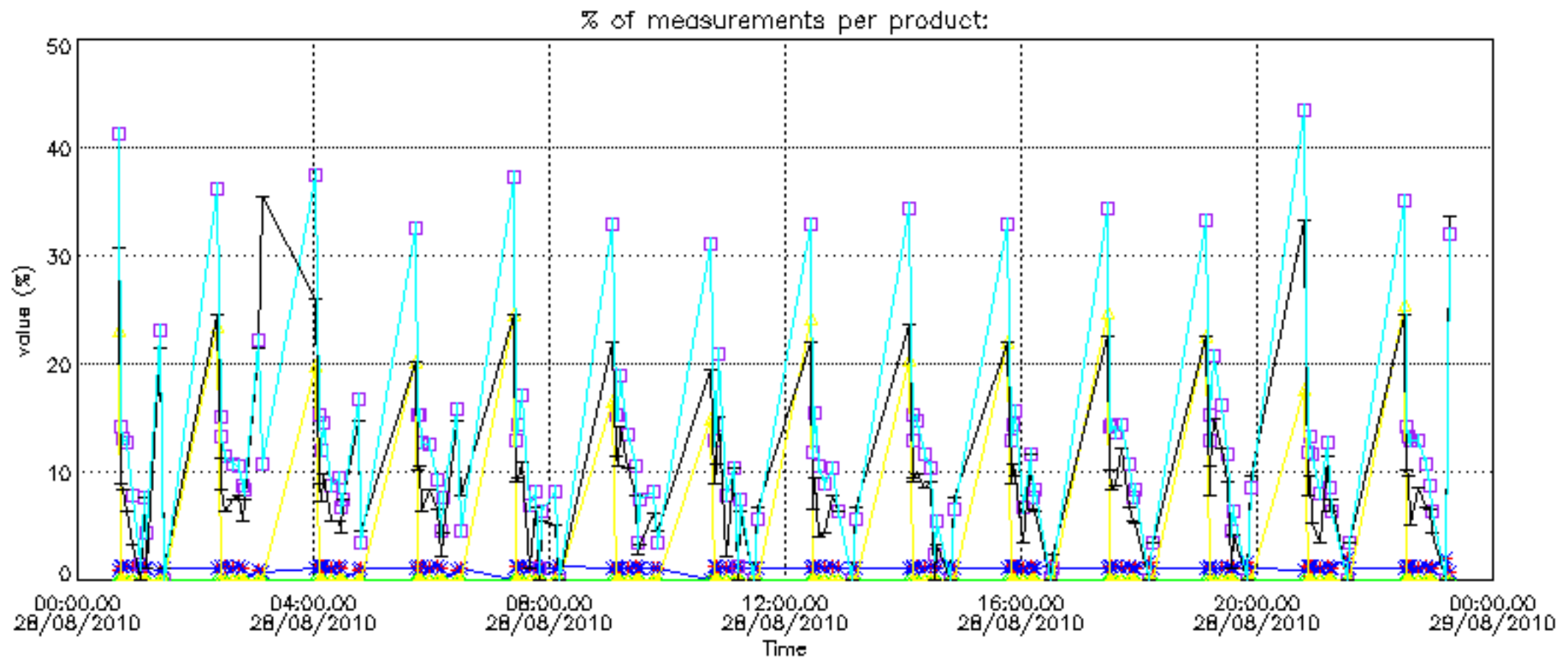
Percentage of flagged data per NO2 profile



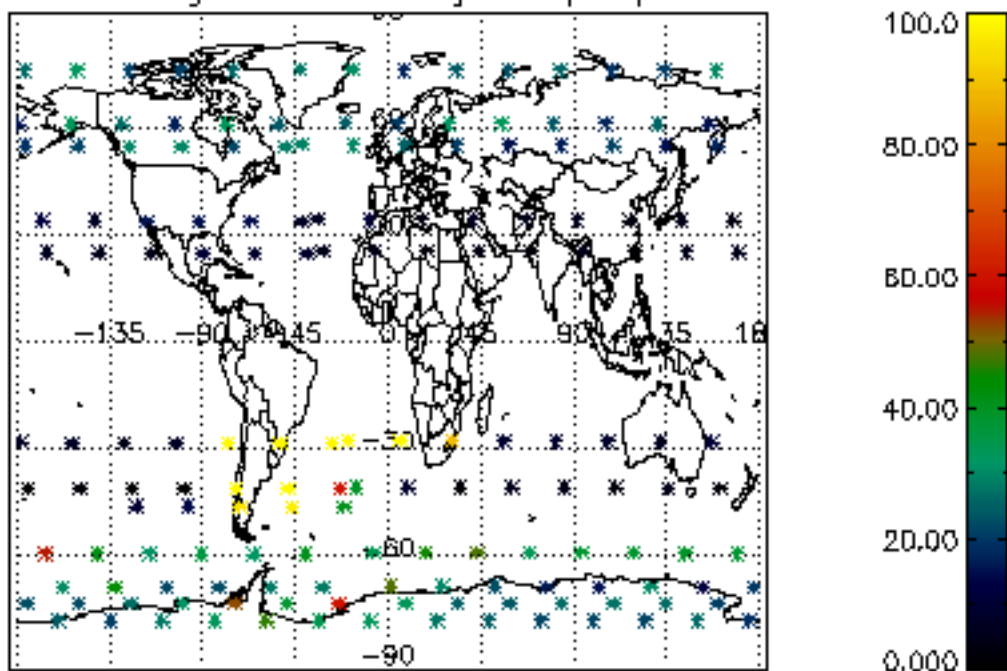
Percentage of flagged data per NO3 profile



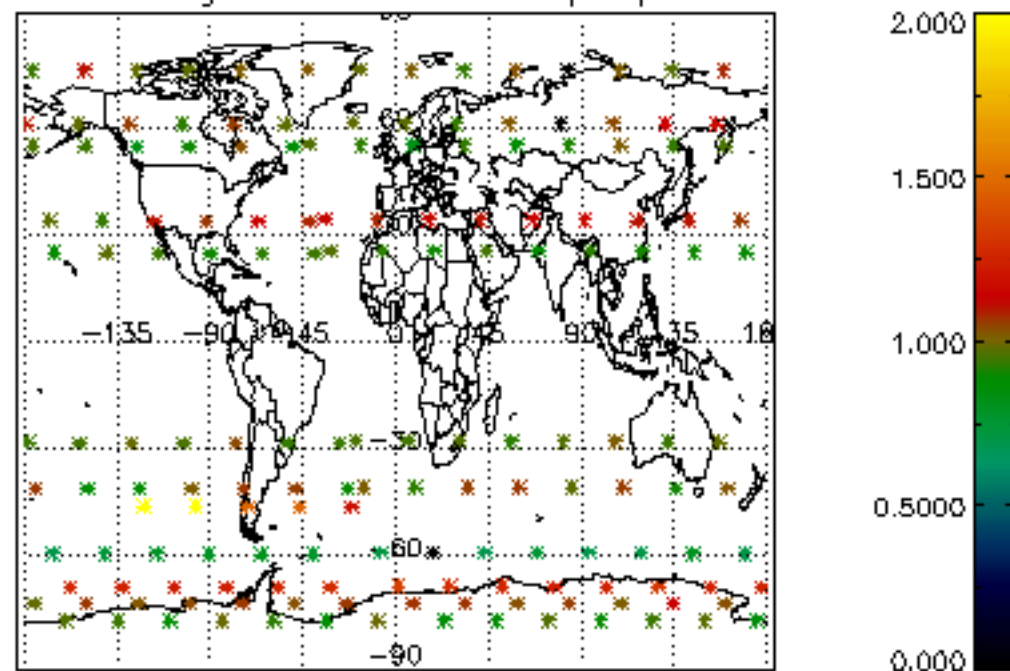




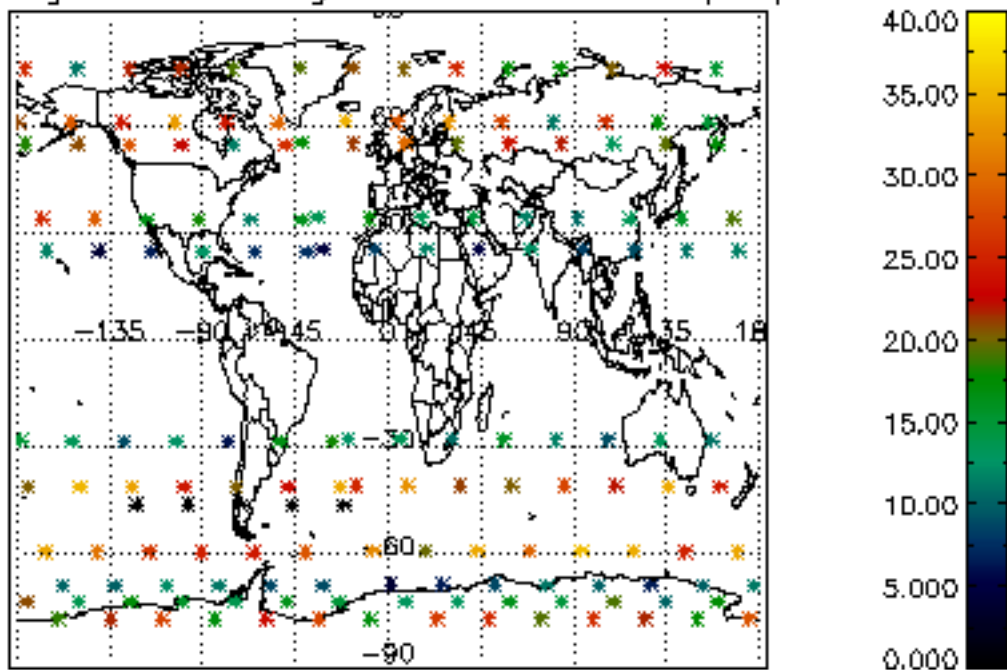
Percentage of cosmic ray hits per profile



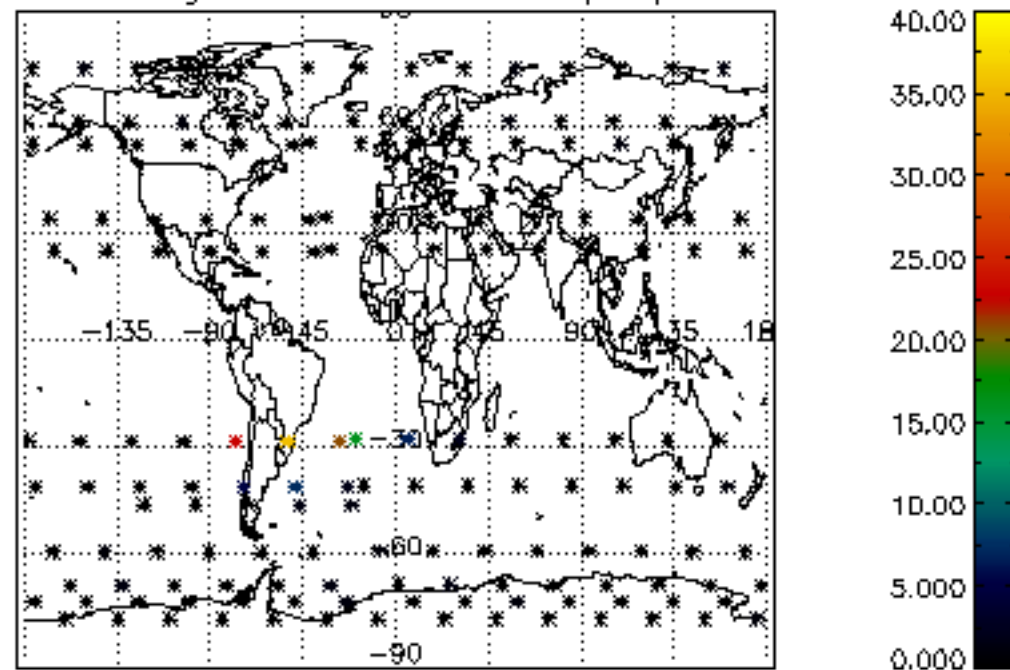
Percentage of datation errors per profile



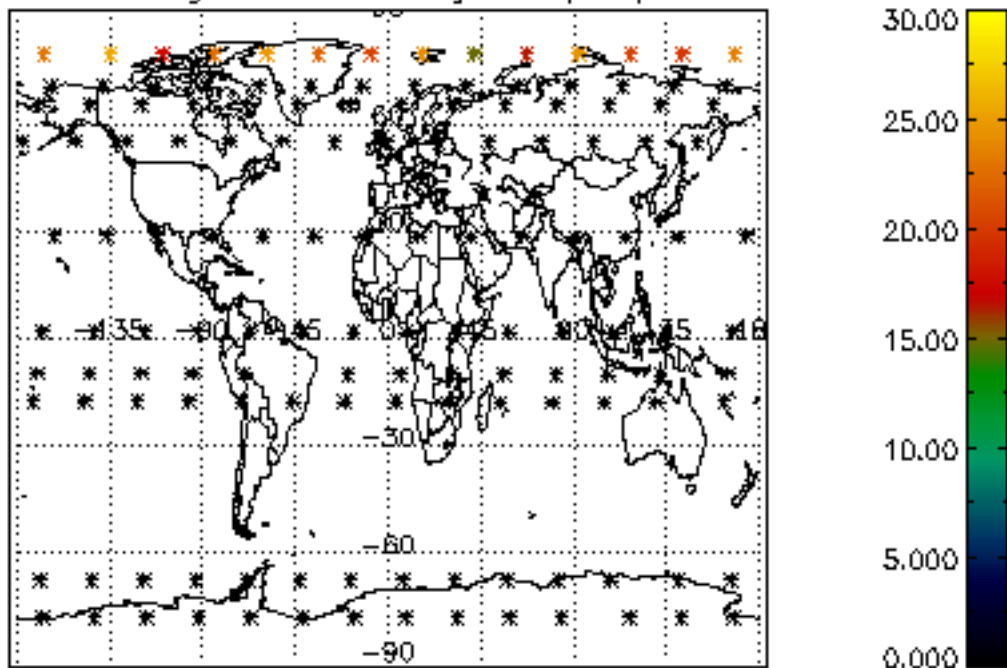
Percentage of star falling outside central band per profile



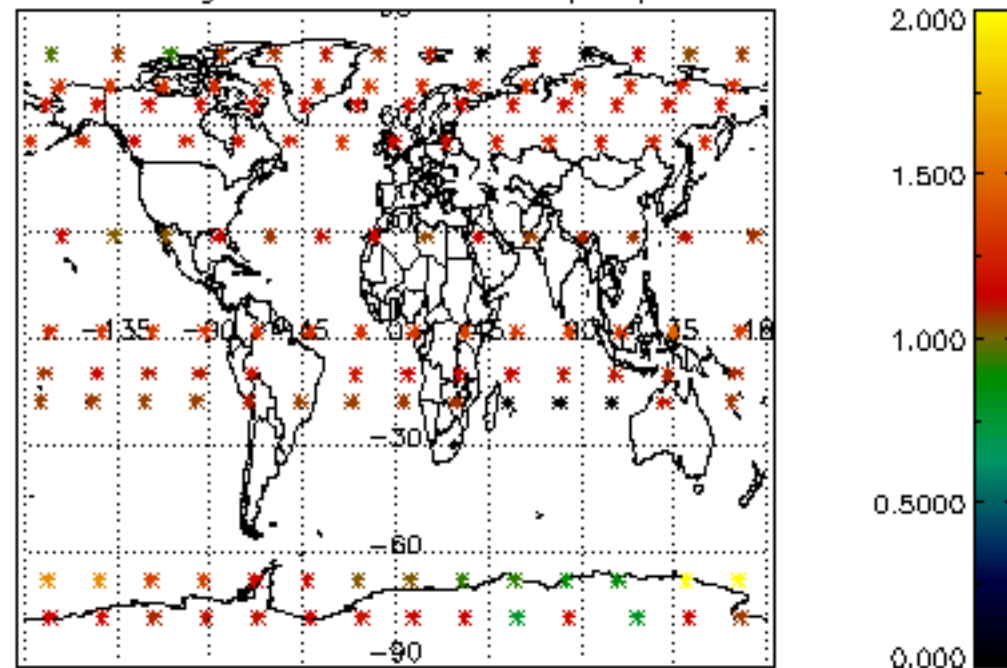
Percentage of saturation errors per profile



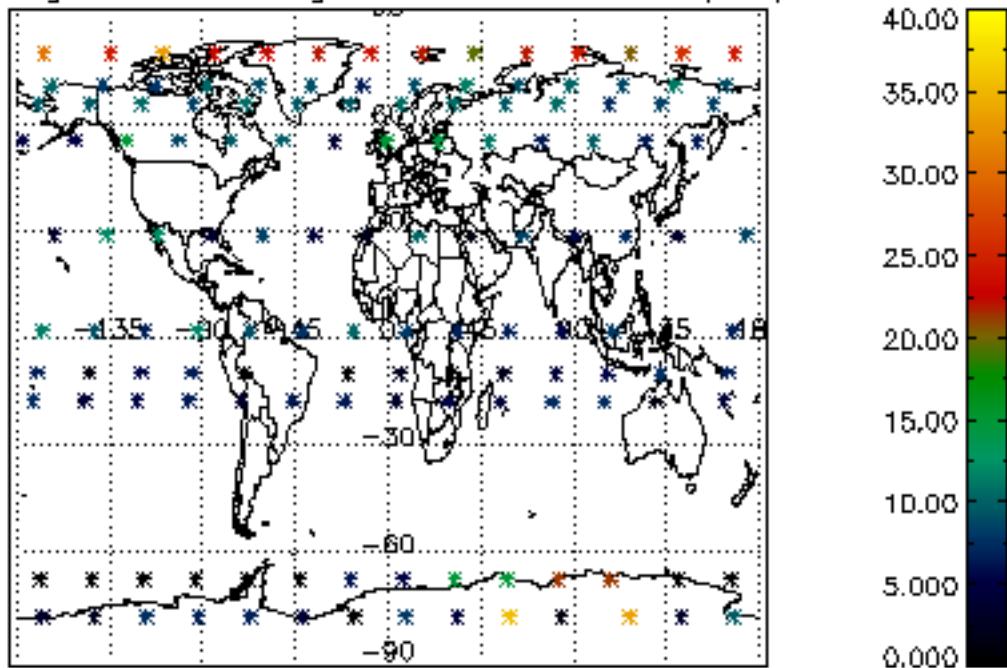
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

