

GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	26APR2013 10:37:57
Data source version	GOMOS/6.01
Start time of products	06-07-2009 (06JUL2009 00:00:00)
Stop time of products	07-07-2009 (07JUL2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	185
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__2PRFIN20090706_000618_000000432080_00288_38418_8244.N1	06-JUL-2009 00:06:18	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38418	No
2	GOM_NL__2PRFIN20090706_001347_000000432080_00288_38418_8245.N1	06-JUL-2009 00:13:47	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	38418	No
3	GOM_NL__2PRFIN20090706_001535_000000372080_00288_38418_8246.N1	06-JUL-2009 00:15:35	Bright	37.000	110	37Del Cas	2.6780	8900.0	74	38418	No
4	GOM_NL__2PRFIN20090706_002222_000000392080_00288_38418_8247.N1	06-JUL-2009 00:22:22	Bright	38.500	73	57Gam1And	2.2600	13100.	77	38418	No
5	GOM_NL__2PRFIN20090706_002511_000000392080_00288_38418_8248.N1	06-JUL-2009 00:25:11	Twilight	39.000	173	4Bet Tri	3.0040	8900.0	78	38418	No
6	GOM_NL__2PRFIN20090706_002947_000000452080_00288_38418_8249.N1	06-JUL-2009 00:29:47	Dark	44.500	50	13Alp Ari	2.0070	4250.0	89	38418	No
7	GOM_NL__2PRFIN20090706_005450_000000532080_00289_38419_8252.N1	06-JUL-2009 00:54:50	Dark	52.500	84	Alp Phe	2.3970	4500.0	105	38419	No
8	GOM_NL__2PRFIN20090706_010112_000000582080_00289_38419_8253.N1	06-JUL-2009 01:01:12	Straylight	57.500	63	Bet Gru	2.1500	2800.0	115	38419	No
9	GOM_NL__2PRFIN20090706_010303_000000512080_00289_38419_8254.N1	06-JUL-2009 01:03:03	Straylight	51.000	31	Alp Gru	1.7340	15200.	102	38419	No
10	GOM_NL__2PRFIN20090706_010606_000000542080_00289_38419_8255.N1	06-JUL-2009 01:06:06	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	38419	No
11	GOM_NL__2PRFIN20090706_012835_000000462080_00289_38419_8256.N1	06-JUL-2009 01:28:35	Bright	45.500	168	17Zet Aql	2.9860	11000.	91	38419	No
12	GOM_NL__2PRFIN20090706_013538_000000432080_00289_38419_8257.N1	06-JUL-2009 01:35:38	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	38419	No
13	GOM_NL__2PRFIN20090706_013941_000000462080_00289_38419_8258.N1	06-JUL-2009 01:39:41	Bright	46.000	144	18Del Cyg	2.8600	11000.	92	38419	No
14	GOM_NL__2PRFIN20090706_014653_000000432080_00289_38419_8259.N1	06-JUL-2009 01:46:53	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38419	No
15	GOM_NL__2PRFIN20090706_015422_000000432080_00289_38419_8260.N1	06-JUL-2009 01:54:22	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	38419	No
16	GOM_NL__2PRFIN20090706_015611_000000372080_00289_38419_8261.N1	06-JUL-2009 01:56:11	Bright	36.500	110	37Del Cas	2.6780	8900.0	73	38419	No
17	GOM_NL__2PRFIN20090706_020257_000000382080_00289_38419_8262.N1	06-JUL-2009 02:02:57	Bright	38.000	73	57Gam1And	2.2600	13100.	76	38419	No
18	GOM_NL__2PRFIN20090706_020547_000000392080_00289_38419_8263.N1	06-JUL-2009 02:05:47	Twilight	38.500	173	4Bet Tri	3.0040	8900.0	77	38419	No
19	GOM_NL__2PRFIN20090706_021023_000000442080_00289_38419_8264.N1	06-JUL-2009 02:10:23	Dark	44.000	50	13Alp Ari	2.0070	4250.0	88	38419	No
20	GOM_NL__2PRFIN20090706_023527_000000532080_00290_38420_8296.N1	06-JUL-2009 02:35:27	Dark	52.500	84	Alp Phe	2.3970	4500.0	105	38420	No
21	GOM_NL__2PRFIN20090706_024149_000000642080_00290_38420_8297.N1	06-JUL-2009 02:41:49	Straylight	63.500	63	Bet Gru	2.1500	2800.0	127	38420	No
22	GOM_NL__2PRFIN20090706_024340_000000522080_00290_38420_8298.N1	06-JUL-2009 02:43:40	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	38420	No
23	GOM_NL__2PRFIN20090706_024643_000000542080_00290_38420_8299.N1	06-JUL-2009 02:46:43	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	38420	No
24	GOM_NL__2PRFIN20090706_030910_000000482080_00290_38420_8300.N1	06-JUL-2009 03:09:10	Bright	47.500	168	17Zet Aql	2.9860	11000.	95	38420	No
25	GOM_NL__2PRFIN20090706_031613_000000412080_00290_38420_8301.N1	06-JUL-2009 03:16:13	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	38420	No
26	GOM_NL__2PRFIN20090706_032016_000000432080_00290_38420_8302.N1	06-JUL-2009 03:20:16	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	38420	No
27	GOM_NL__2PRFIN20090706_032728_000000452080_00290_38420_8303.N1	06-JUL-2009 03:27:28	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	38420	No
28	GOM_NL__2PRFIN20090706_033457_000000442080_00290_38420_8304.N1	06-JUL-2009 03:34:57	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	38420	No
29	GOM_NL__2PRFIN20090706_033646_000000372080_00290_38420_8305.N1	06-JUL-2009 03:36:46	Bright	36.500	110	37Del Cas	2.6780	8900.0	73	38420	No
30	GOM_NL__2PRFIN20090706_034333_000000382080_00290_38420_8306.N1	06-JUL-2009 03:43:33	Bright	37.500	73	57Gam1And	2.2600	13100.	75	38420	No
31	GOM_NL__2PRFIN20090706_034623_000000392080_00290_38420_8307.N1	06-JUL-2009 03:46:23	Twilight	38.500	173	4Bet Tri	3.0040	8900.0	77	38420	No
32	GOM_NL__2PRFIN20090706_035059_000000462080_00290_38420_8308.N1	06-JUL-2009 03:50:59	Dark	46.000	50	13Alp Ari	2.0070	4250.0	92	38420	No
33	GOM_NL__2PRFIN20090706_041605_000000512080_00291_38421_8285.N1	06-JUL-2009 04:16:05	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	38421	No
34	GOM_NL__2PRFIN20090706_042226_000000532080_00291_38421_8286.N1	06-JUL-2009 04:22:26	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	38421	No
35	GOM_NL__2PRFIN20090706_042416_000000502080_00291_38421_8287.N1	06-JUL-2009 04:24:16	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	38421	No
36	GOM_NL__2PRFIN20090706_042720_000000562080_00291_38421_8288.N1	06-JUL-2009 04:27:20	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	38421	No
37	GOM_NL__2PRFIN20090706_044946_000000422080_00291_38421_8289.N1	06-JUL-2009 04:49:46	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	38421	No
38	GOM_NL__2PRFIN20090706_045649_000000592080_00291_38421_8290.N1	06-JUL-2009 04:56:49	Bright	59.000	5	3Alp Lyr	0.033000	11000.	118	38421	No
39	GOM_NL__2PRFIN20090706_050052_000000462080_00291_38421_8291.N1	06-JUL-2009 05:00:52	Bright	46.000	144	18Del Cyg	2.8600	11000.	92	38421	No
40	GOM_NL__2PRFIN20090706_050803_000000412080_00291_38421_8292.N1	06-JUL-2009 05:08:03	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38421	No
41	GOM_NL__2PRFIN20090706_051533_000000422080_00291_38421_8293.N1	06-JUL-2009 05:15:33	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	38421	No
42	GOM_NL__2PRFIN20090706_051722_000000372080_00291_38421_8294.N1	06-JUL-2009 05:17:22	Bright	37.000	110	37Del Cas	2.6780	8900.0	74	38421	No

43	GOM_NL__2PRFIN20090706_052409_000000412080_00291_38421_8295.N1	06-JUL-2009 05:24:09	Bright	40.500	73	57Gam1And	2.2600	13100.	81	38421	No
44	GOM_NL__2PRFIN20090706_052659_000000392080_00291_38421_8296.N1	06-JUL-2009 05:26:59	Tw_i_and_stray	38.500	173	4Bet Tri	3.0040	8900.0	77	38421	No
45	GOM_NL__2PRFIN20090706_053136_000000452080_00291_38421_8297.N1	06-JUL-2009 05:31:36	Dark	45.000	50	13Alp Ari	2.0070	4250.0	90	38421	No
46	GOM_NL__2PRFIN20090706_055642_000000482080_00292_38422_8300.N1	06-JUL-2009 05:56:42	Dark	47.500	84	Alp Phe	2.3970	4500.0	95	38422	No
47	GOM_NL__2PRFIN20090706_060303_000000532080_00292_38422_8301.N1	06-JUL-2009 06:03:03	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	38422	No
48	GOM_NL__2PRFIN20090706_060453_000000512080_00292_38422_8302.N1	06-JUL-2009 06:04:53	Straylight	51.000	31	Alp Gru	1.7340	15200.	102	38422	No
49	GOM_NL__2PRFIN20090706_060757_000000572080_00292_38422_8303.N1	06-JUL-2009 06:07:57	Straylight	57.000	172	Gam Gru	3.0030	13100.	114	38422	No
50	GOM_NL__2PRFIN20090706_063022_000000422080_00292_38422_8304.N1	06-JUL-2009 06:30:22	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	38422	No
51	GOM_NL__2PRFIN20090706_063724_000000592080_00292_38422_8305.N1	06-JUL-2009 06:37:24	Bright	59.000	5	3Alp Lyr	0.033000	11000.	118	38422	No
52	GOM_NL__2PRFIN20090706_064127_000000472080_00292_38422_8306.N1	06-JUL-2009 06:41:27	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	38422	No
53	GOM_NL__2PRFIN20090706_064839_000000452080_00292_38422_8307.N1	06-JUL-2009 06:48:39	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	38422	No
54	GOM_NL__2PRFIN20090706_065608_000000612080_00292_38422_8308.N1	06-JUL-2009 06:56:08	Bright	61.000	74	11Bet Cas	2.2680	6600.0	122	38422	No
55	GOM_NL__2PRFIN20090706_065758_000000372080_00292_38422_8309.N1	06-JUL-2009 06:57:58	Bright	36.500	110	37Del Cas	2.6780	8900.0	73	38422	No
56	GOM_NL__2PRFIN20090706_070445_000000392080_00292_38422_8310.N1	06-JUL-2009 07:04:45	Bright	39.000	73	57Gam1And	2.2600	13100.	78	38422	No
57	GOM_NL__2PRFIN20090706_070735_000000402080_00292_38422_8311.N1	06-JUL-2009 07:07:35	Tw_i_and_stray	39.500	173	4Bet Tri	3.0040	8900.0	79	38422	No
58	GOM_NL__2PRFIN20090706_071212_000000462080_00292_38422_8312.N1	06-JUL-2009 07:12:12	Dark	45.500	50	13Alp Ari	2.0070	4250.0	91	38422	No
59	GOM_NL__2PRFIN20090706_071718_000000372080_00292_38422_8313.N1	06-JUL-2009 07:17:18	Dark	36.500	94	92Alp Cet	2.5260	3100.0	73	38422	No
60	GOM_NL__2PRFIN20090706_073719_000000502080_00293_38423_8322.N1	06-JUL-2009 07:37:19	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	38423	No
61	GOM_NL__2PRFIN20090706_074340_000000652080_00293_38423_8323.N1	06-JUL-2009 07:43:40	Straylight	65.000	63	Bet Gru	2.1500	2800.0	130	38423	No
62	GOM_NL__2PRFIN20090706_074530_000000502080_00293_38423_8324.N1	06-JUL-2009 07:45:30	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	38423	No
63	GOM_NL__2PRFIN20090706_074834_000000542080_00293_38423_8325.N1	06-JUL-2009 07:48:34	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	38423	No
64	GOM_NL__2PRFIN20090706_081057_000000432080_00293_38423_8326.N1	06-JUL-2009 08:10:57	Bright	43.000	168	17Zet Aql	2.9860	11000.	86	38423	No
65	GOM_NL__2PRFIN20090706_081800_000000432080_00293_38423_8327.N1	06-JUL-2009 08:18:00	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	38423	No
66	GOM_NL__2PRFIN20090706_082202_000000492080_00293_38423_8328.N1	06-JUL-2009 08:22:02	Bright	48.500	144	18Del Cyg	2.8600	11000.	97	38423	No
67	GOM_NL__2PRFIN20090706_082913_000000412080_00293_38423_8329.N1	06-JUL-2009 08:29:13	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	38423	No
68	GOM_NL__2PRFIN20090706_083644_000000472080_00293_38423_8330.N1	06-JUL-2009 08:36:44	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	38423	No
69	GOM_NL__2PRFIN20090706_083833_000000372080_00293_38423_8331.N1	06-JUL-2009 08:38:33	Bright	36.500	110	37Del Cas	2.6780	8900.0	73	38423	No
70	GOM_NL__2PRFIN20090706_084521_000000402080_00293_38423_8332.N1	06-JUL-2009 08:45:21	Bright	39.500	73	57Gam1And	2.2600	13100.	79	38423	No
71	GOM_NL__2PRFIN20090706_084811_000000402080_00293_38423_8333.N1	06-JUL-2009 08:48:11	Tw_i_and_stray	40.000	173	4Bet Tri	3.0040	8900.0	80	38423	No
72	GOM_NL__2PRFIN20090706_085249_000000482080_00293_38423_8334.N1	06-JUL-2009 08:52:49	Dark	47.500	50	13Alp Ari	2.0070	4250.0	95	38423	No
73	GOM_NL__2PRFIN20090706_085754_000000362080_00293_38423_8335.N1	06-JUL-2009 08:57:54	Dark	35.500	94	92Alp Cet	2.5260	3100.0	71	38423	No
74	GOM_NL__2PRFIN20090706_091756_000000522080_00294_38424_8360.N1	06-JUL-2009 09:17:56	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	38424	No
75	GOM_NL__2PRFIN20090706_092416_000000552080_00294_38424_8361.N1	06-JUL-2009 09:24:16	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	38424	No
76	GOM_NL__2PRFIN20090706_092607_000000522080_00294_38424_8362.N1	06-JUL-2009 09:26:07	Straylight	52.000	31	Alp Gru	1.7340	15200.	104	38424	No
77	GOM_NL__2PRFIN20090706_092911_000000582080_00294_38424_8363.N1	06-JUL-2009 09:29:11	Straylight	58.000	172	Gam Gru	3.0030	13100.	116	38424	No
78	GOM_NL__2PRFIN20090706_095133_000000432080_00294_38424_8364.N1	06-JUL-2009 09:51:33	Bright	42.500	168	17Zet Aql	2.9860	11000.	85	38424	No
79	GOM_NL__2PRFIN20090706_095835_000000432080_00294_38424_8365.N1	06-JUL-2009 09:58:35	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	38424	No
80	GOM_NL__2PRFIN20090706_100237_000000492080_00294_38424_8366.N1	06-JUL-2009 10:02:37	Bright	48.500	144	18Del Cyg	2.8600	11000.	97	38424	No
81	GOM_NL__2PRFIN20090706_100949_000000432080_00294_38424_8367.N1	06-JUL-2009 10:09:49	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38424	No
82	GOM_NL__2PRFIN20090706_101719_000000412080_00294_38424_8368.N1	06-JUL-2009 10:17:19	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	38424	No
83	GOM_NL__2PRFIN20090706_101909_000000362080_00294_38424_8369.N1	06-JUL-2009 10:19:09	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	38424	No
84	GOM_NL__2PRFIN20090706_102556_000000392080_00294_38424_8370.N1	06-JUL-2009 10:25:56	Bright	38.500	73	57Gam1And	2.2600	13100.	77	38424	No
85	GOM_NL__2PRFIN20090706_102847_000000392080_00294_38424_8371.N1	06-JUL-2009 10:28:47	Tw_i_and_stray	39.000	173	4Bet Tri	3.0040	8900.0	78	38424	No
86	GOM_NL__2PRFIN20090706_103325_000000452080_00294_38424_8372.N1	06-JUL-2009 10:33:25	Dark	45.000	50	13Alp Ari	2.0070	4250.0	90	38424	No
87	GOM_NL__2PRFIN20090706_103830_000000372080_00294_38424_8373.N1	06-JUL-2009 10:38:30	Dark	36.500	94	92Alp Cet	2.5260	3100.0	73	38424	No
88	GOM_NL__2PRFIN20090706_105833_000000532080_00295_38425_8396.N1	06-JUL-2009 10:58:33	Dark	52.500	84	Alp Phe	2.3970	4500.0	105	38425	No
89	GOM_NL__2PRFIN20090706_110453_000000562080_00295_38425_8397.N1	06-JUL-2009 11:04:53	Straylight	56.000	63	Bet Gru	2.1500	2800.0	112	38425	No
90	GOM_NL__2PRFIN20090706_110643_000000512080_00295_38425_8398.N1	06-JUL-2009 11:06:43	Straylight	51.000	31	Alp Gru	1.7340	15200.	102	38425	No
91	GOM_NL__2PRFIN20090706_110948_000000562080_00295_38425_8399.N1	06-JUL-2009 11:09:48	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	38425	No
92	GOM_NL__2PRFIN20090706_113208_000000652080_00295_38425_8400.N1	06-JUL-2009 11:32:08	Bright	65.000	168	17Zet Aql	2.9860	11000.	130	38425	No
93	GOM_NL__2PRFIN20090706_113911_000000422080_00295_38425_8401.N1	06-JUL-2009 11:39:11	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	38425	No
94	GOM_NL__2PRFIN20090706_114312_000000472080_00295_38425_8402.N1	06-JUL-2009 11:43:12	Bright	47.000	144	18Del Cyg	2.8600	11000.	94	38425	No
95	GOM_NL__2PRFIN20090706_115024_000000432080_00295_38425_8403.N1	06-JUL-2009 11:50:24	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38425	No
96	GOM_NL__2PRFIN20090706_115754_000000432080_00295_38425_8404.N1	06-JUL-2009 11:57:54	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	38425	No
97	GOM_NL__2PRFIN20090706_115944_000000372080_00295_38425_8405.N1	06-JUL-2009 11:59:44	Bright	36.500	110	37Del Cas	2.6780	8900.0	73	38425	No
98	GOM_NL__2PRFIN20090706_120632_000000392080_00295_38425_8406.N1	06-JUL-2009 12:06:32	Bright	38.500	73	57Gam1And	2.2600	13100.	77	38425	No
99	GOM_NL__2PRFIN20090706_120923_000000392080_00295_38425_8407.N1	06-JUL-2009 12:09:23	Tw_i_and_stray	38.500	173	4Bet Tri	3.0040	8900.0	77	38425	No
100	GOM_NL__2PRFIN20090706_121401_000000432080_00295_38425_8408.N1	06-JUL-2009 12:14:01	Dark	42.500	50	13Alp Ari	2.0070	4250.0	85	38425	No
101	GOM_NL__2PRFIN20090706_121907_000000362080_00295_38425_8409.N1	06-JUL-2009 12:19:07	Dark	35.500	94	92Alp Cet	2.5260	3100.0	71	38425	No

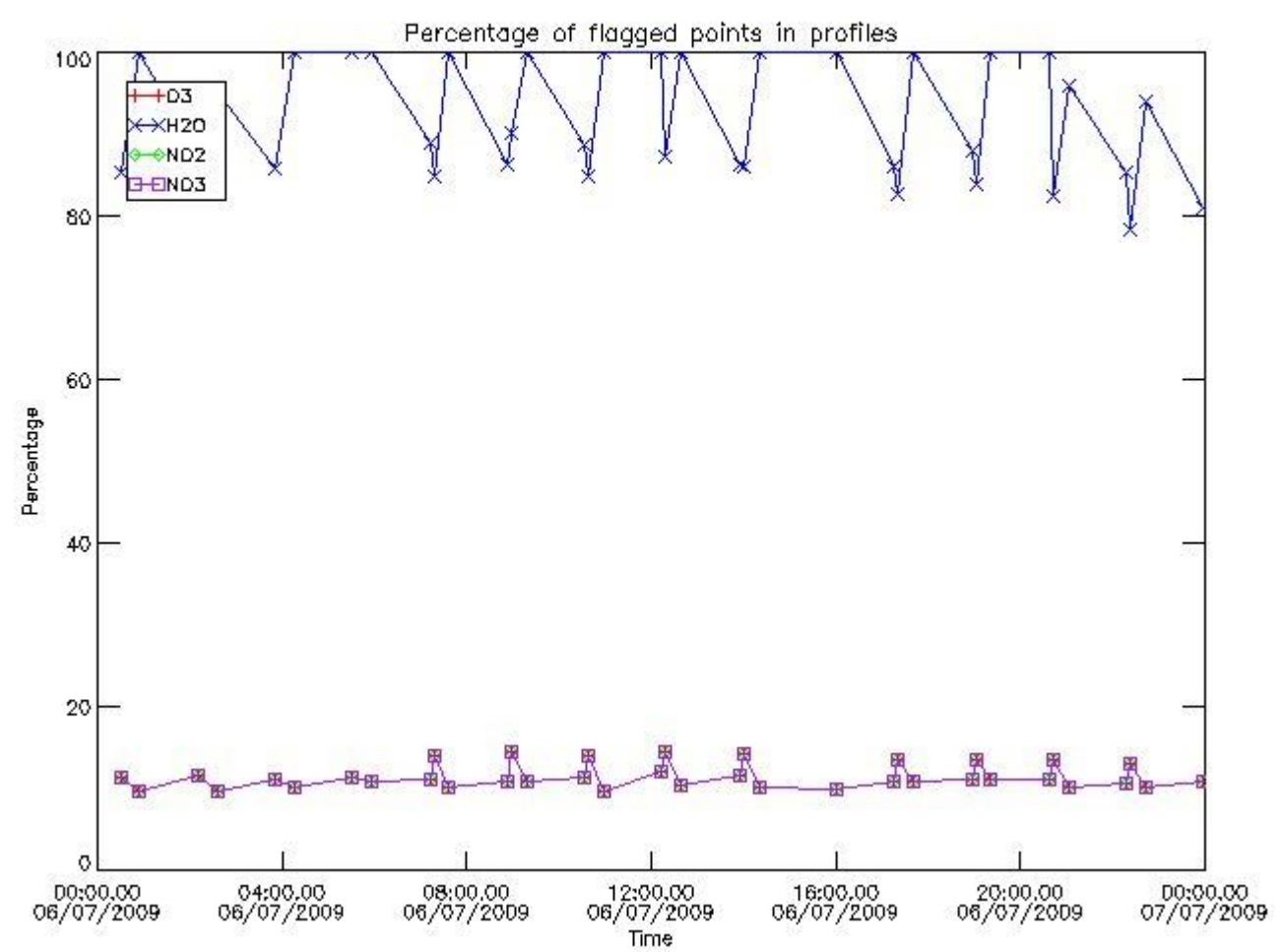
102	GOM_NL__2PRFIN20090706_123910_000000502080_00296_38426_8427.N1	06-JUL-2009 12:39:10	Dark	49.500	84	Alp Phe	2.3970	4500.0	99	38426	No
103	GOM_NL__2PRFIN20090706_124530_000000542080_00296_38426_8428.N1	06-JUL-2009 12:45:30	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	38426	No
104	GOM_NL__2PRFIN20090706_124720_000000532080_00296_38426_8429.N1	06-JUL-2009 12:47:20	Straylight	53.000	31	Alp Gru	1.7340	15200.	106	38426	No
105	GOM_NL__2PRFIN20090706_125025_000000562080_00296_38426_8430.N1	06-JUL-2009 12:50:25	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	38426	No
106	GOM_NL__2PRFIN20090706_131244_000000482080_00296_38426_8431.N1	06-JUL-2009 13:12:44	Bright	48.000	168	17Zet Aql	2.9860	11000.	96	38426	No
107	GOM_NL__2PRFIN20090706_131947_000000422080_00296_38426_8432.N1	06-JUL-2009 13:19:47	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	38426	No
108	GOM_NL__2PRFIN20090706_132348_000000472080_00296_38426_8433.N1	06-JUL-2009 13:23:48	Bright	47.000	144	18Del Cyg	2.8600	11000.	94	38426	No
109	GOM_NL__2PRFIN20090706_133059_000000462080_00296_38426_8434.N1	06-JUL-2009 13:30:59	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	38426	No
110	GOM_NL__2PRFIN20090706_133829_000000442080_00296_38426_8435.N1	06-JUL-2009 13:38:29	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	38426	No
111	GOM_NL__2PRFIN20090706_134020_000000382080_00296_38426_8436.N1	06-JUL-2009 13:40:20	Bright	38.000	110	37Del Cas	2.6780	8900.0	76	38426	No
112	GOM_NL__2PRFIN20090706_134708_000000402080_00296_38426_8437.N1	06-JUL-2009 13:47:08	Bright	40.000	73	57Gam1And	2.2600	13100.	80	38426	No
113	GOM_NL__2PRFIN20090706_134959_000000412080_00296_38426_8438.N1	06-JUL-2009 13:49:59	Tw_i_and_stray	40.500	173	4Bet Tri	3.0040	8900.0	81	38426	No
114	GOM_NL__2PRFIN20090706_135437_000000452080_00296_38426_8439.N1	06-JUL-2009 13:54:37	Dark	44.500	50	13Alp Ari	2.0070	4250.0	89	38426	No
115	GOM_NL__2PRFIN20090706_135943_000000362080_00296_38426_8440.N1	06-JUL-2009 13:59:43	Dark	36.000	94	92Alp Cet	2.5260	3100.0	72	38426	No
116	GOM_NL__2PRFIN20090706_141947_000000502080_00297_38427_8441.N1	06-JUL-2009 14:19:47	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	38427	No
117	GOM_NL__2PRFIN20090706_142607_000000532080_00297_38427_8442.N1	06-JUL-2009 14:26:07	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	38427	No
118	GOM_NL__2PRFIN20090706_142757_000000492080_00297_38427_8443.N1	06-JUL-2009 14:27:57	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	38427	No
119	GOM_NL__2PRFIN20090706_143101_000000542080_00297_38427_8444.N1	06-JUL-2009 14:31:01	Straylight	53.500	172	Gam Gru	3.0030	13100.	107	38427	No
120	GOM_NL__2PRFIN20090706_160024_000000522080_00298_38428_8455.N1	06-JUL-2009 16:00:24	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	38428	No
121	GOM_NL__2PRFIN20090706_160644_000000532080_00298_38428_8456.N1	06-JUL-2009 16:06:44	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	38428	No
122	GOM_NL__2PRFIN20090706_160834_000000492080_00298_38428_8457.N1	06-JUL-2009 16:08:34	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	38428	No
123	GOM_NL__2PRFIN20090706_161138_000000552080_00298_38428_8458.N1	06-JUL-2009 16:11:38	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	38428	No
124	GOM_NL__2PRFIN20090706_163355_000000462080_00298_38428_8459.N1	06-JUL-2009 16:33:55	Bright	45.500	168	17Zet Aql	2.9860	11000.	91	38428	No
125	GOM_NL__2PRFIN20090706_164058_000000402080_00298_38428_8460.N1	06-JUL-2009 16:40:58	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	38428	No
126	GOM_NL__2PRFIN20090706_164458_000000462080_00298_38428_8461.N1	06-JUL-2009 16:44:58	Bright	46.000	144	18Del Cyg	2.8600	11000.	92	38428	No
127	GOM_NL__2PRFIN20090706_165210_000000482080_00298_38428_8462.N1	06-JUL-2009 16:52:10	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	38428	No
128	GOM_NL__2PRFIN20090706_165940_000000442080_00298_38428_8463.N1	06-JUL-2009 16:59:40	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	38428	No
129	GOM_NL__2PRFIN20090706_170131_000000392080_00298_38428_8464.N1	06-JUL-2009 17:01:31	Bright	38.500	110	37Del Cas	2.6780	8900.0	77	38428	No
130	GOM_NL__2PRFIN20090706_170820_000000422080_00298_38428_8465.N1	06-JUL-2009 17:08:20	Bright	41.500	73	57Gam1And	2.2600	13100.	83	38428	No
131	GOM_NL__2PRFIN20090706_171550_000000472080_00298_38428_8466.N1	06-JUL-2009 17:15:50	Dark	47.000	50	13Alp Ari	2.0070	4250.0	94	38428	No
132	GOM_NL__2PRFIN20090706_172057_000000382080_00298_38428_8467.N1	06-JUL-2009 17:20:57	Dark	38.000	94	92Alp Cet	2.5260	3100.0	76	38428	No
133	GOM_NL__2PRFIN20090706_174101_000000572080_00299_38429_8470.N1	06-JUL-2009 17:41:01	Dark	56.500	84	Alp Phe	2.3970	4500.0	113	38429	No
134	GOM_NL__2PRFIN20090706_174721_000000522080_00299_38429_8471.N1	06-JUL-2009 17:47:21	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	38429	No
135	GOM_NL__2PRFIN20090706_174911_000000482080_00299_38429_8472.N1	06-JUL-2009 17:49:11	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	38429	No
136	GOM_NL__2PRFIN20090706_175215_000000552080_00299_38429_8473.N1	06-JUL-2009 17:52:15	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	38429	No
137	GOM_NL__2PRFIN20090706_181430_000000472080_00299_38429_8474.N1	06-JUL-2009 18:14:30	Bright	46.500	168	17Zet Aql	2.9860	11000.	93	38429	No
138	GOM_NL__2PRFIN20090706_182133_000000422080_00299_38429_8475.N1	06-JUL-2009 18:21:33	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	38429	No
139	GOM_NL__2PRFIN20090706_182533_000000462080_00299_38429_8476.N1	06-JUL-2009 18:25:33	Bright	46.000	144	18Del Cyg	2.8600	11000.	92	38429	No
140	GOM_NL__2PRFIN20090706_183245_000000452080_00299_38429_8477.N1	06-JUL-2009 18:32:45	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	38429	No
141	GOM_NL__2PRFIN20090706_184015_000000722080_00299_38429_8478.N1	06-JUL-2009 18:40:15	Bright	72.000	74	11Bet Cas	2.2680	6600.0	144	38429	No
142	GOM_NL__2PRFIN20090706_184207_000000382080_00299_38429_8479.N1	06-JUL-2009 18:42:07	Bright	38.000	110	37Del Cas	2.6780	8900.0	76	38429	No
143	GOM_NL__2PRFIN20090706_184856_000000412080_00299_38429_8480.N1	06-JUL-2009 18:48:56	Bright	40.500	73	57Gam1And	2.2600	13100.	81	38429	No
144	GOM_NL__2PRFIN20090706_185627_000000462080_00299_38429_8481.N1	06-JUL-2009 18:56:27	Dark	46.000	50	13Alp Ari	2.0070	4250.0	92	38429	No
145	GOM_NL__2PRFIN20090706_190133_000000382080_00299_38429_8482.N1	06-JUL-2009 19:01:33	Dark	37.500	94	92Alp Cet	2.5260	3100.0	75	38429	No
146	GOM_NL__2PRFIN20090706_192138_000000512080_00300_38430_8487.N1	06-JUL-2009 19:21:38	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	38430	No
147	GOM_NL__2PRFIN20090706_192758_000000532080_00300_38430_8488.N1	06-JUL-2009 19:27:58	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	38430	No
148	GOM_NL__2PRFIN20090706_192947_000000502080_00300_38430_8489.N1	06-JUL-2009 19:29:47	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	38430	No
149	GOM_NL__2PRFIN20090706_193252_000000542080_00300_38430_8490.N1	06-JUL-2009 19:32:52	Straylight	53.500	172	Gam Gru	3.0030	13100.	107	38430	No
150	GOM_NL__2PRFIN20090706_195506_000000442080_00300_38430_8491.N1	06-JUL-2009 19:55:06	Bright	43.500	168	17Zet Aql	2.9860	11000.	87	38430	No
151	GOM_NL__2PRFIN20090706_200209_000000382080_00300_38430_8492.N1	06-JUL-2009 20:02:09	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	38430	No
152	GOM_NL__2PRFIN20090706_200609_000000482080_00300_38430_8493.N1	06-JUL-2009 20:06:09	Bright	47.500	144	18Del Cyg	2.8600	11000.	95	38430	No
153	GOM_NL__2PRFIN20090706_201321_000000462080_00300_38430_8494.N1	06-JUL-2009 20:13:21	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	38430	No
154	GOM_NL__2PRFIN20090706_202051_000000482080_00300_38430_8495.N1	06-JUL-2009 20:20:51	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38430	No
155	GOM_NL__2PRFIN20090706_202242_000000382080_00300_38430_8496.N1	06-JUL-2009 20:22:42	Bright	38.000	110	37Del Cas	2.6780	8900.0	76	38430	No
156	GOM_NL__2PRFIN20090706_202931_000000402080_00300_38430_8497.N1	06-JUL-2009 20:29:31	Bright	40.000	73	57Gam1And	2.2600	13100.	80	38430	No
157	GOM_NL__2PRFIN20090706_203223_000000412080_00300_38430_8498.N1	06-JUL-2009 20:32:23	Tw_i_and_stray	41.000	173	4Bet Tri	3.0040	8900.0	82	38430	No
158	GOM_NL__2PRFIN20090706_203703_000000462080_00300_38430_8499.N1	06-JUL-2009 20:37:03	Dark	46.000	50	13Alp Ari	2.0070	4250.0	92	38430	No
159	GOM_NL__2PRFIN20090706_204209_000000372080_00300_38430_8500.N1	06-JUL-2009 20:42:09	Dark	37.000	94	92Alp Cet	2.5260	3100.0	74	38430	No
160	GOM_NL__2PRFIN20090706_210215_000000512080_00301_38431_8505.N1	06-JUL-2009 21:02:15	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	38431	No

161	GOM_NL__2PRFIN20090706_210835_000000572080_00301_38431_8506.N1	06-JUL-2009 21:08:35	Straylight	57.000	63	Bet Gru	2.1500	2800.0	114	38431	No
162	GOM_NL__2PRFIN20090706_211024_000000482080_00301_38431_8507.N1	06-JUL-2009 21:10:24	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	38431	No
163	GOM_NL__2PRFIN20090706_211329_000000552080_00301_38431_8508.N1	06-JUL-2009 21:13:29	Straylight	54.500	172	Gam Gru	3.0030	13100.	109	38431	No
164	GOM_NL__2PRFIN20090706_213542_000000432080_00301_38431_8509.N1	06-JUL-2009 21:35:42	Bright	43.000	168	17Zet Aql	2.9860	11000.	86	38431	No
165	GOM_NL__2PRFIN20090706_214244_000000392080_00301_38431_8510.N1	06-JUL-2009 21:42:44	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	38431	No
166	GOM_NL__2PRFIN20090706_214644_000000472080_00301_38431_8511.N1	06-JUL-2009 21:46:44	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	38431	No
167	GOM_NL__2PRFIN20090706_215356_000000412080_00301_38431_8512.N1	06-JUL-2009 21:53:56	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	38431	No
168	GOM_NL__2PRFIN20090706_220126_000000452080_00301_38431_8513.N1	06-JUL-2009 22:01:26	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	38431	No
169	GOM_NL__2PRFIN20090706_220318_000000402080_00301_38431_8514.N1	06-JUL-2009 22:03:18	Bright	39.500	110	37Del Cas	2.6780	8900.0	79	38431	No
170	GOM_NL__2PRFIN20090706_221007_000000422080_00301_38431_8515.N1	06-JUL-2009 22:10:07	Bright	42.000	73	57Gam1And	2.2600	13100.	84	38431	No
171	GOM_NL__2PRFIN20090706_221259_000000412080_00301_38431_8516.N1	06-JUL-2009 22:12:59	Twilight_stray	41.000	173	4Bet Tri	3.0040	8900.0	82	38431	No
172	GOM_NL__2PRFIN20090706_221739_000000482080_00301_38431_8517.N1	06-JUL-2009 22:17:39	Dark	48.000	50	13Alp Ari	2.0070	4250.0	96	38431	No
173	GOM_NL__2PRFIN20090706_222246_000000392080_00301_38431_8518.N1	06-JUL-2009 22:22:46	Dark	39.000	94	92Alp Cet	2.5260	3100.0	78	38431	No
174	GOM_NL__2PRFIN20090706_224252_000000512080_00302_38432_8523.N1	06-JUL-2009 22:42:52	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	38432	No
175	GOM_NL__2PRFIN20090706_224911_000000562080_00302_38432_8524.N1	06-JUL-2009 22:49:11	Straylight	55.500	63	Bet Gru	2.1500	2800.0	111	38432	No
176	GOM_NL__2PRFIN20090706_225101_000000492080_00302_38432_8525.N1	06-JUL-2009 22:51:01	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	38432	No
177	GOM_NL__2PRFIN20090706_225406_000000552080_00302_38432_8526.N1	06-JUL-2009 22:54:06	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	38432	No
178	GOM_NL__2PRFIN20090706_231617_000000442080_00302_38432_8527.N1	06-JUL-2009 23:16:17	Bright	44.000	168	17Zet Aql	2.9860	11000.	88	38432	No
179	GOM_NL__2PRFIN20090706_232320_000000412080_00302_38432_8528.N1	06-JUL-2009 23:23:20	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	38432	No
180	GOM_NL__2PRFIN20090706_232719_000000462080_00302_38432_8529.N1	06-JUL-2009 23:27:19	Bright	45.500	144	18Del Cyg	2.8600	11000.	91	38432	No
181	GOM_NL__2PRFIN20090706_233431_000000452080_00302_38432_8530.N1	06-JUL-2009 23:34:31	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	38432	No
182	GOM_NL__2PRFIN20090706_234201_000000572080_00302_38432_8531.N1	06-JUL-2009 23:42:01	Bright	57.000	74	11Bet Cas	2.2680	6600.0	114	38432	No
183	GOM_NL__2PRFIN20090706_234354_000000392080_00302_38432_8532.N1	06-JUL-2009 23:43:54	Bright	38.500	110	37Del Cas	2.6780	8900.0	77	38432	No
184	GOM_NL__2PRFIN20090706_235043_000000422080_00302_38432_8533.N1	06-JUL-2009 23:50:43	Bright	42.000	73	57Gam1And	2.2600	13100.	84	38432	No
185	GOM_NL__2PRFIN20090706_235815_000000482080_00302_38432_8534.N1	06-JUL-2009 23:58:15	Dark	47.500	50	13Alp Ari	2.0070	4250.0	95	38432	No

3. Quality information per product

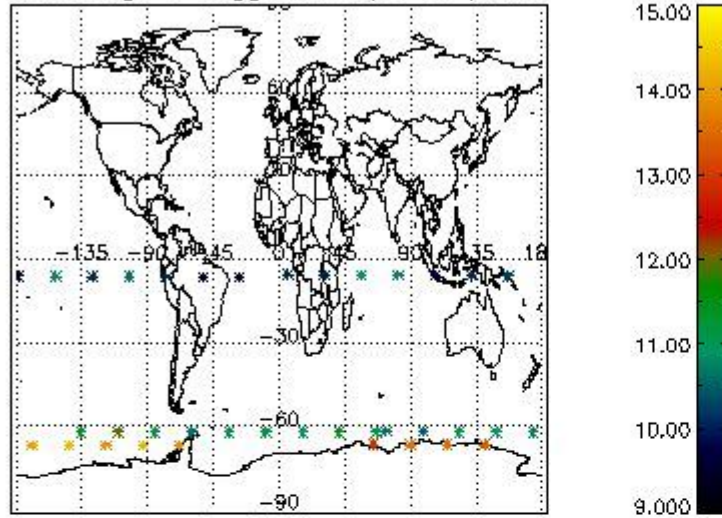
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

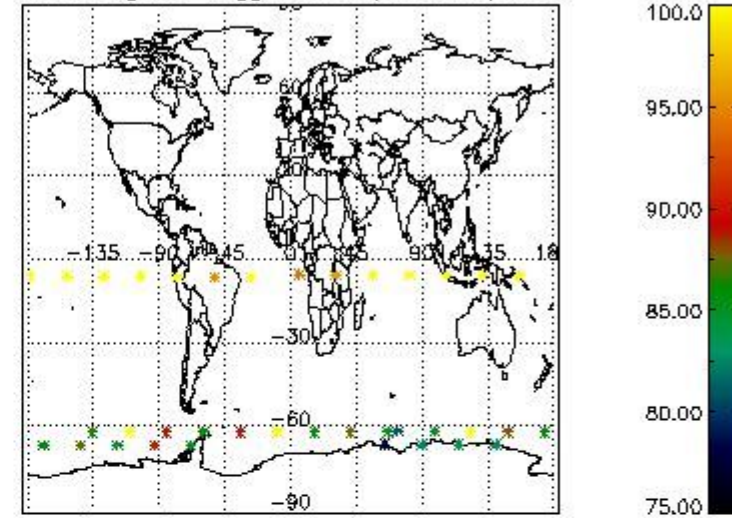


3.2 Plot quality information per product (world map)

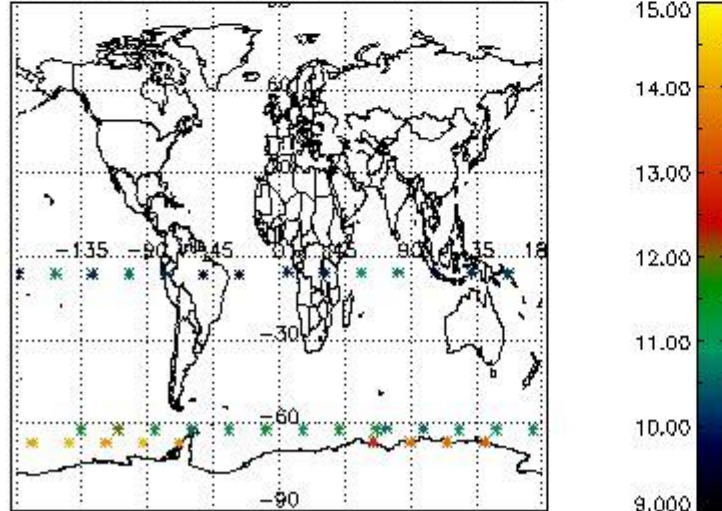
Percentage of flagged data per O3 profile



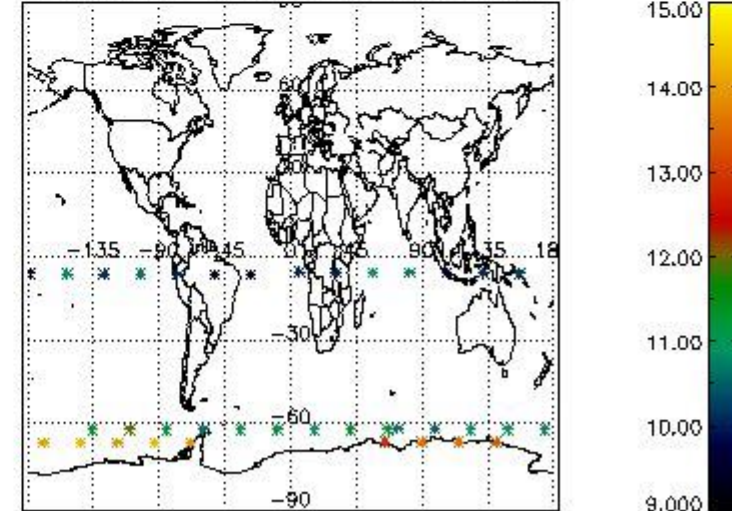
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

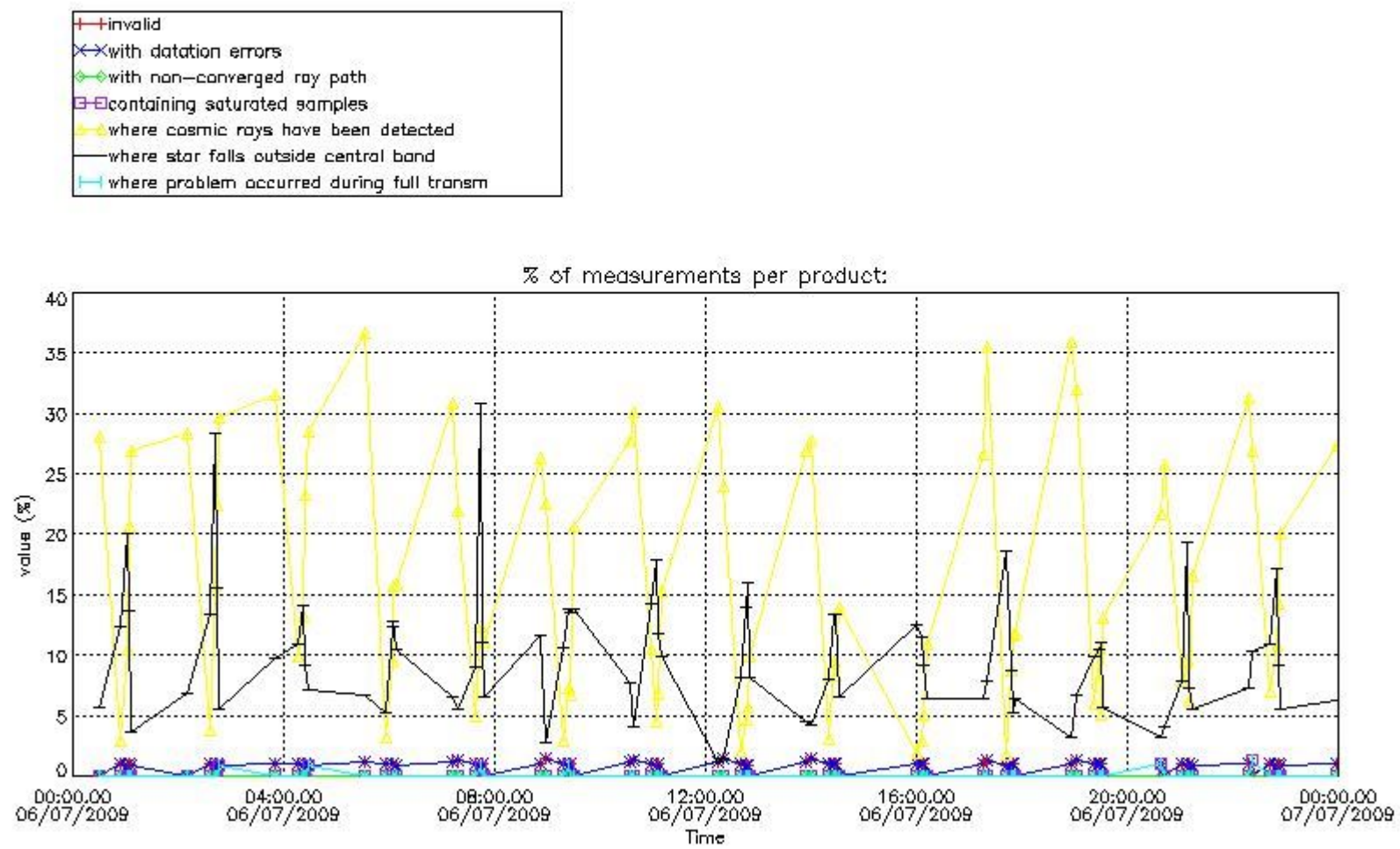


4. Level 1 quality information per product

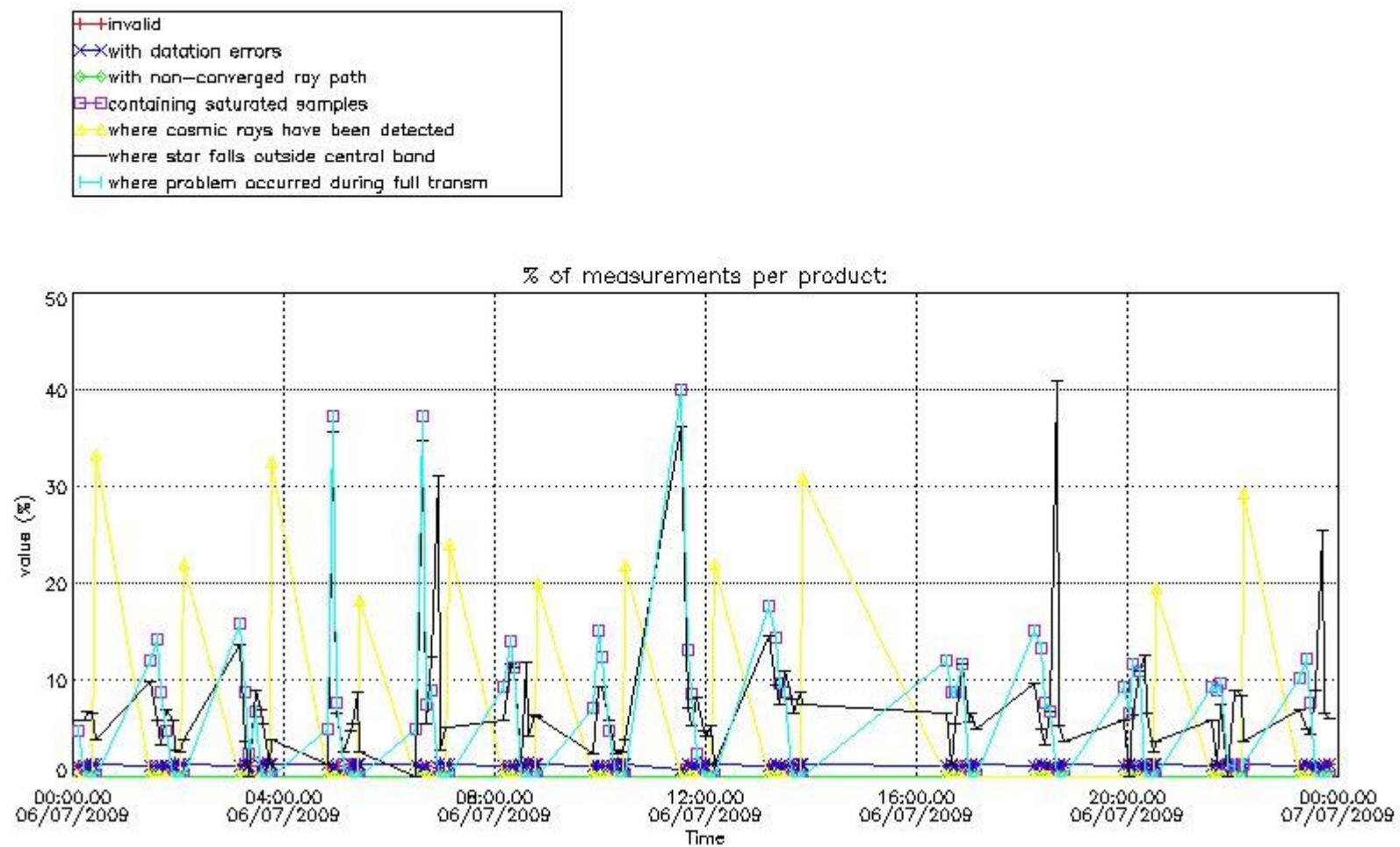
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



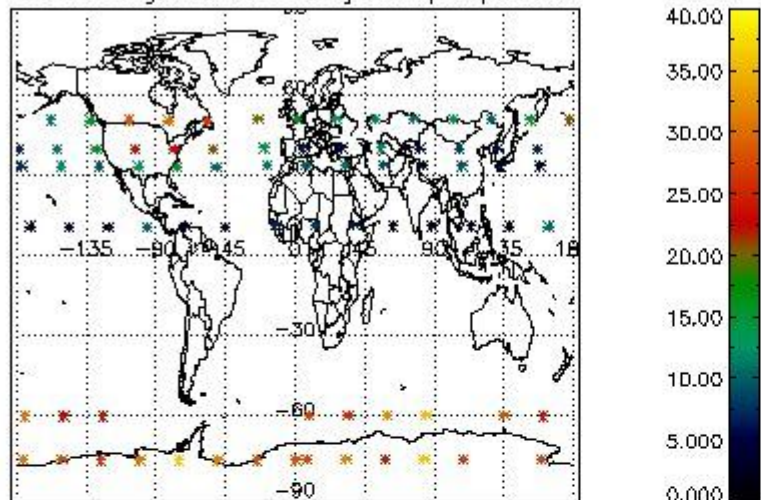
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



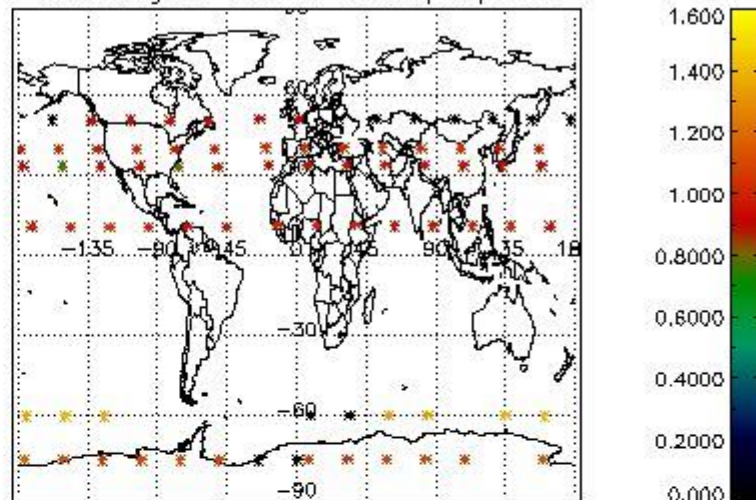
4.2 Plot quality information per product coming from level 1b processing (world map)

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

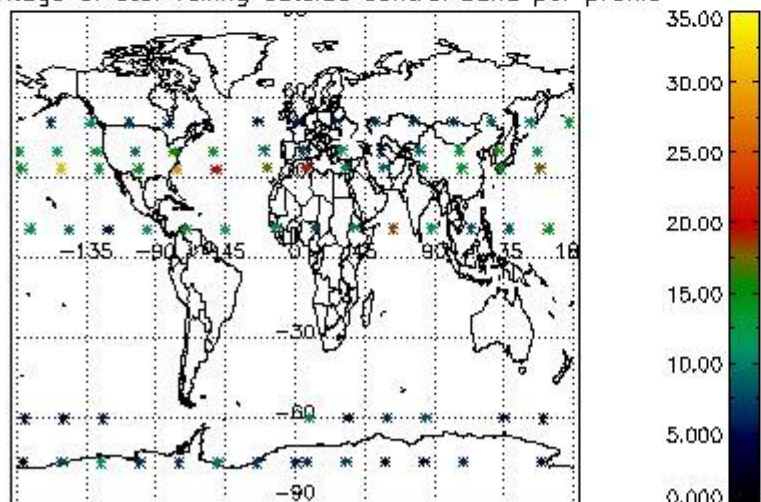
Percentage of cosmic ray hits per profile



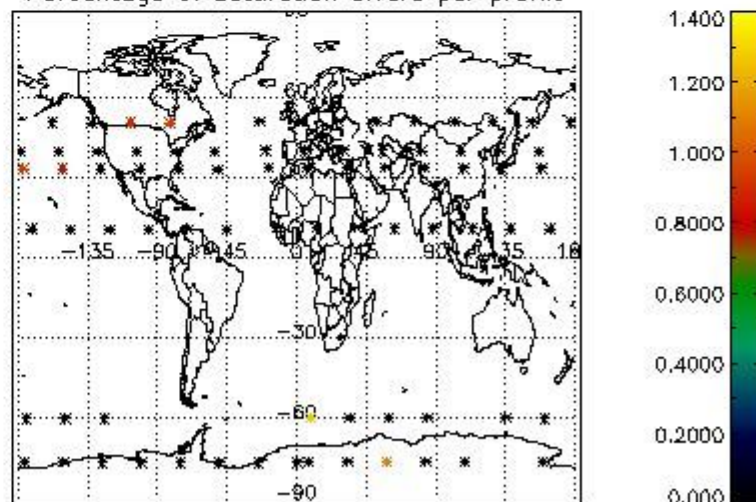
Percentage of datation errors per profile



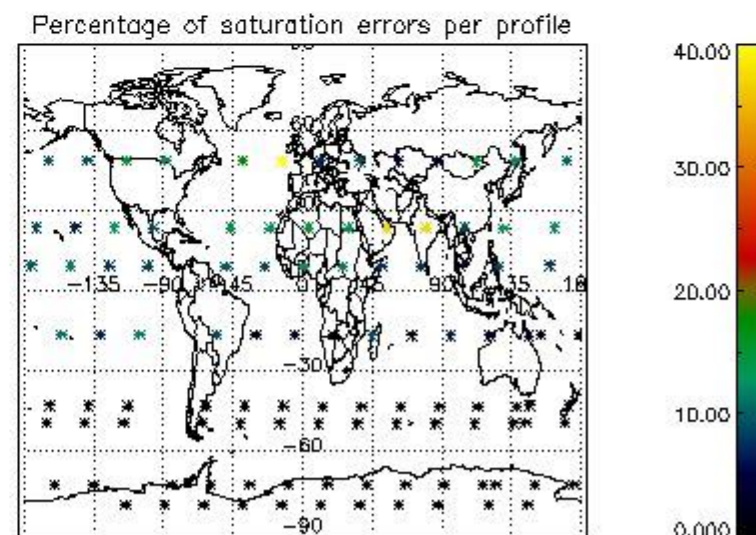
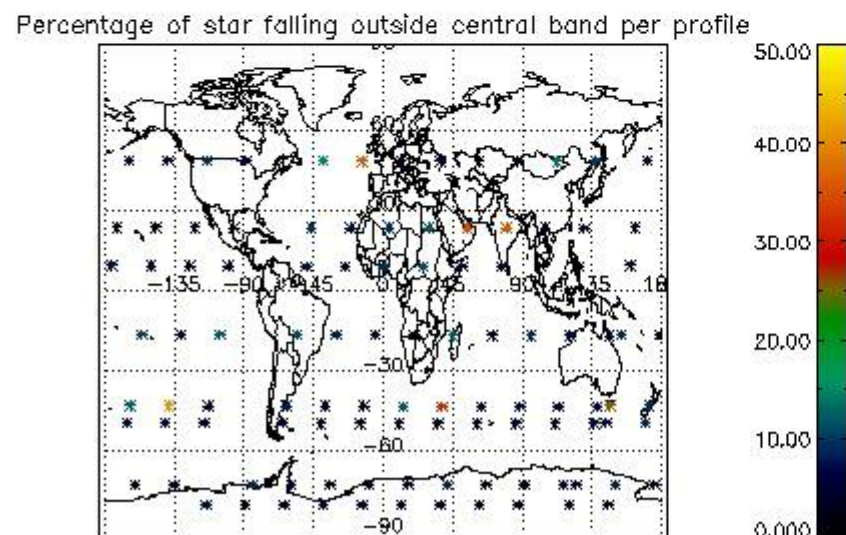
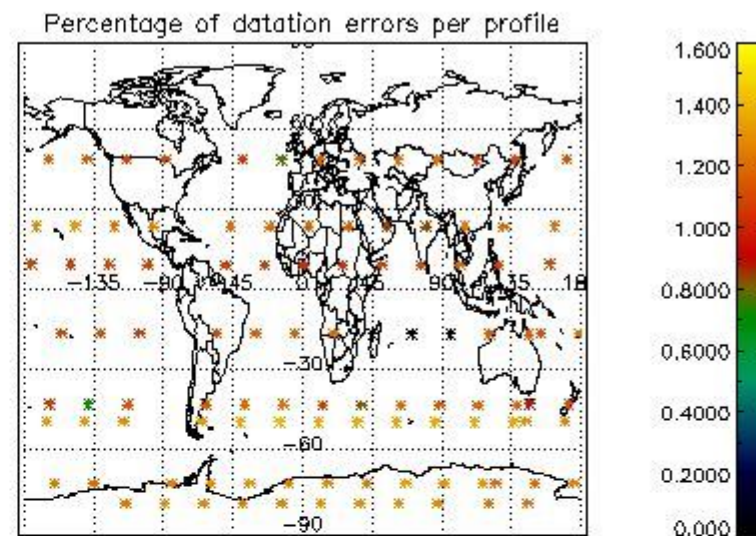
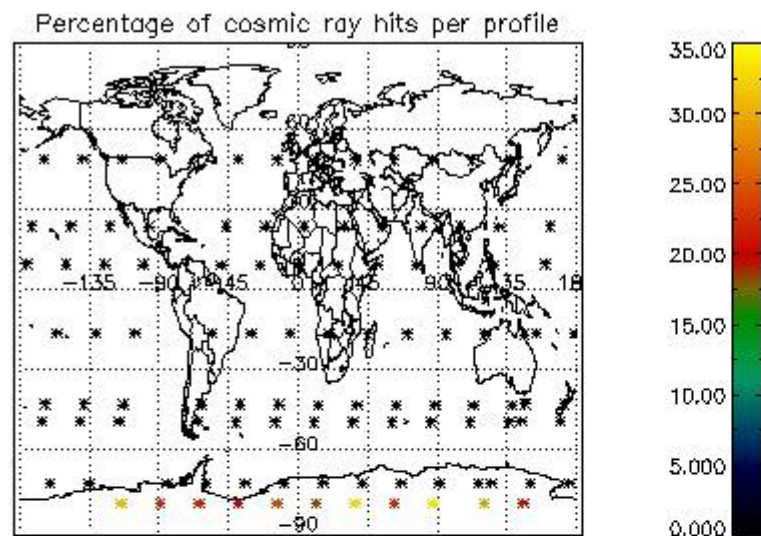
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

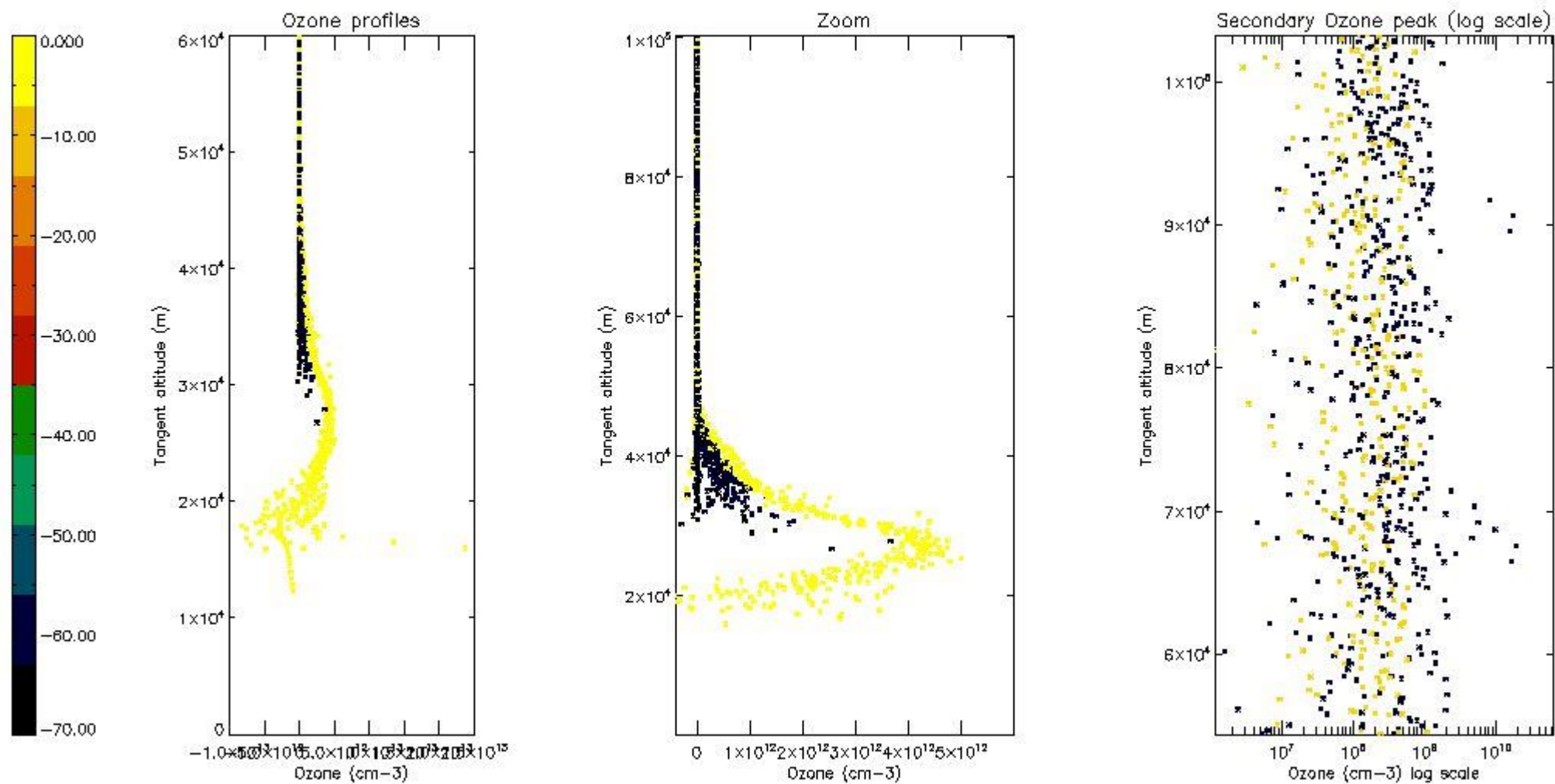
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	20
STD < 20	3

STD < 10	1
STD < 5	0

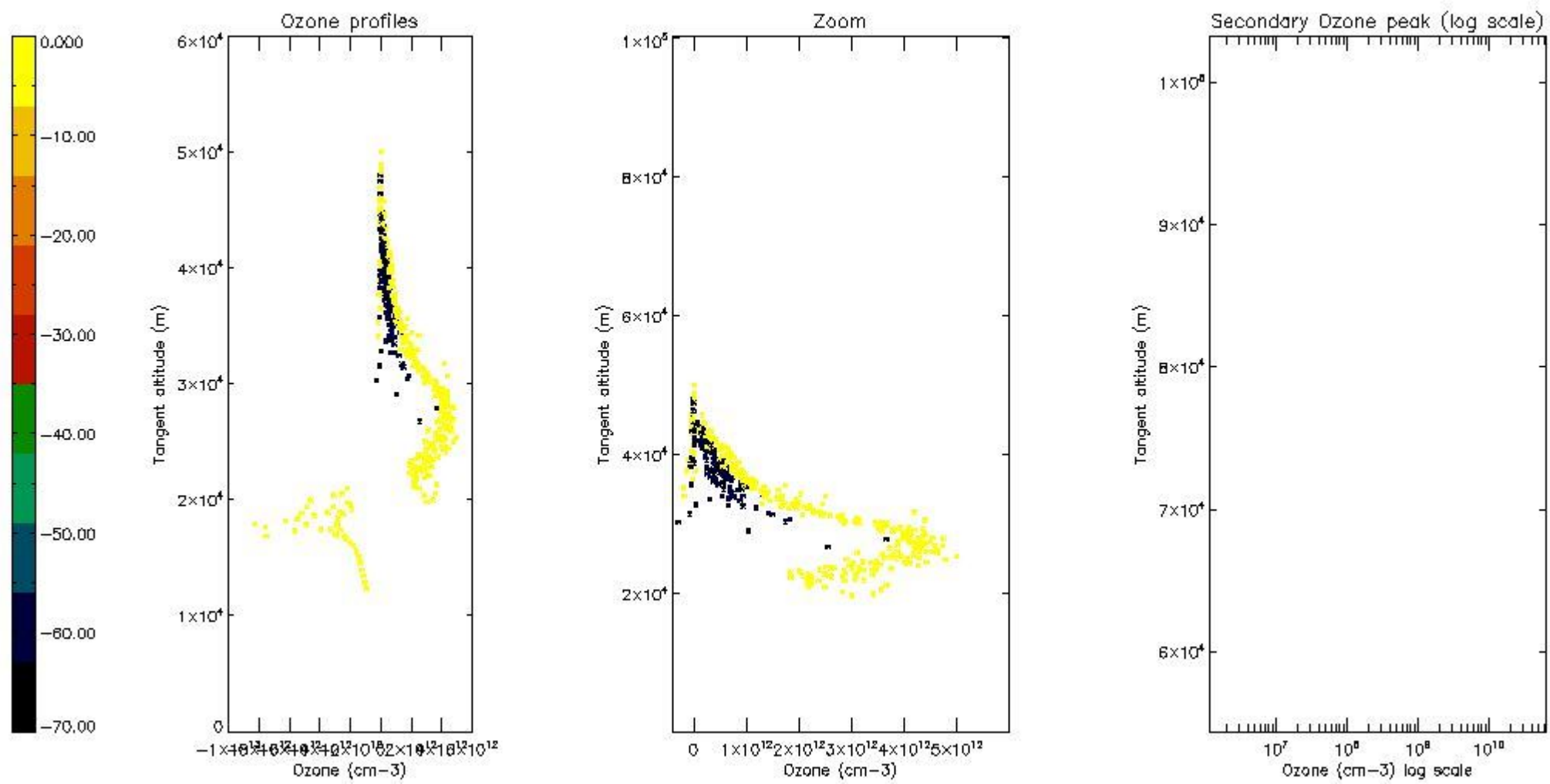
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



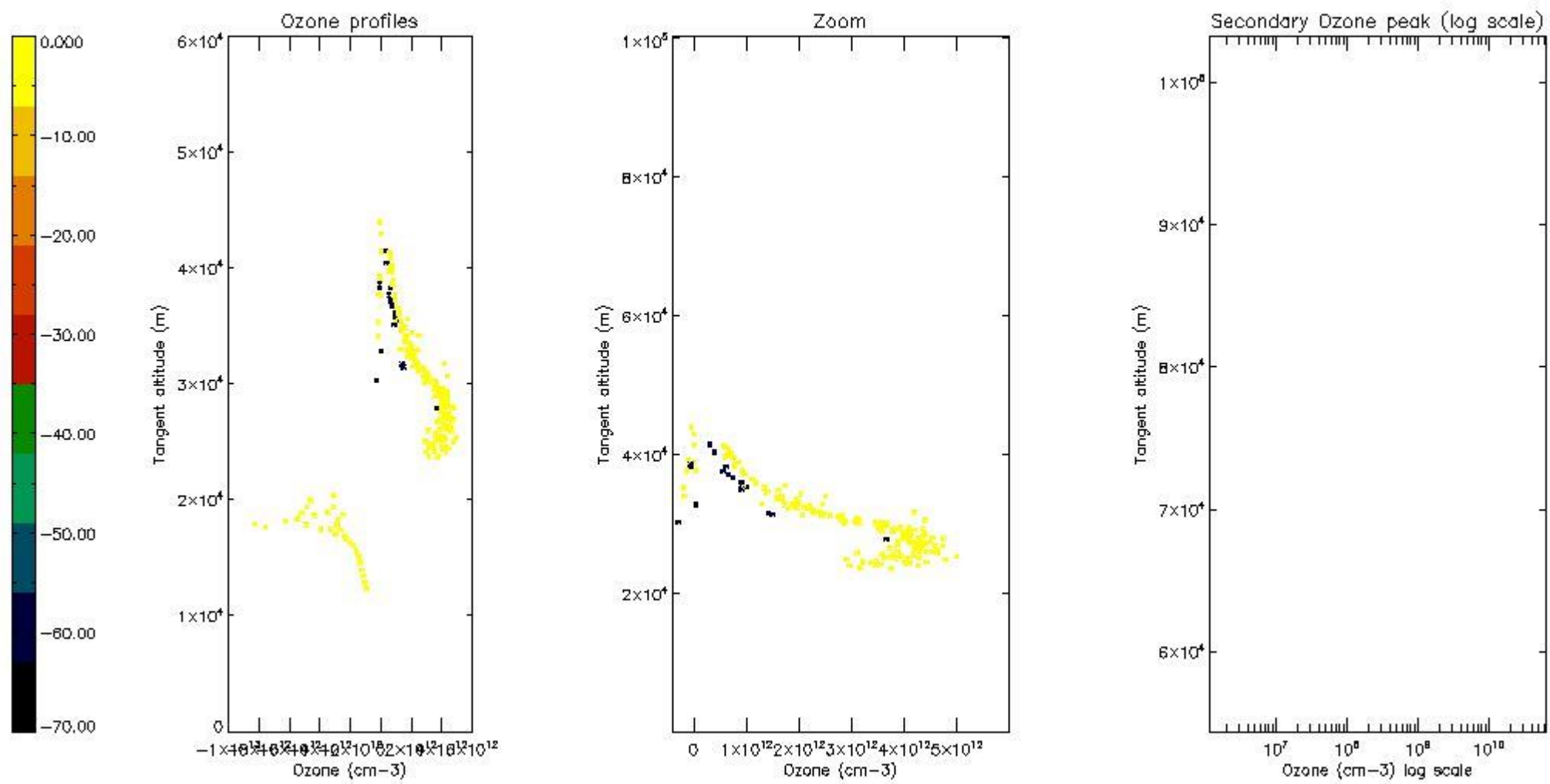
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



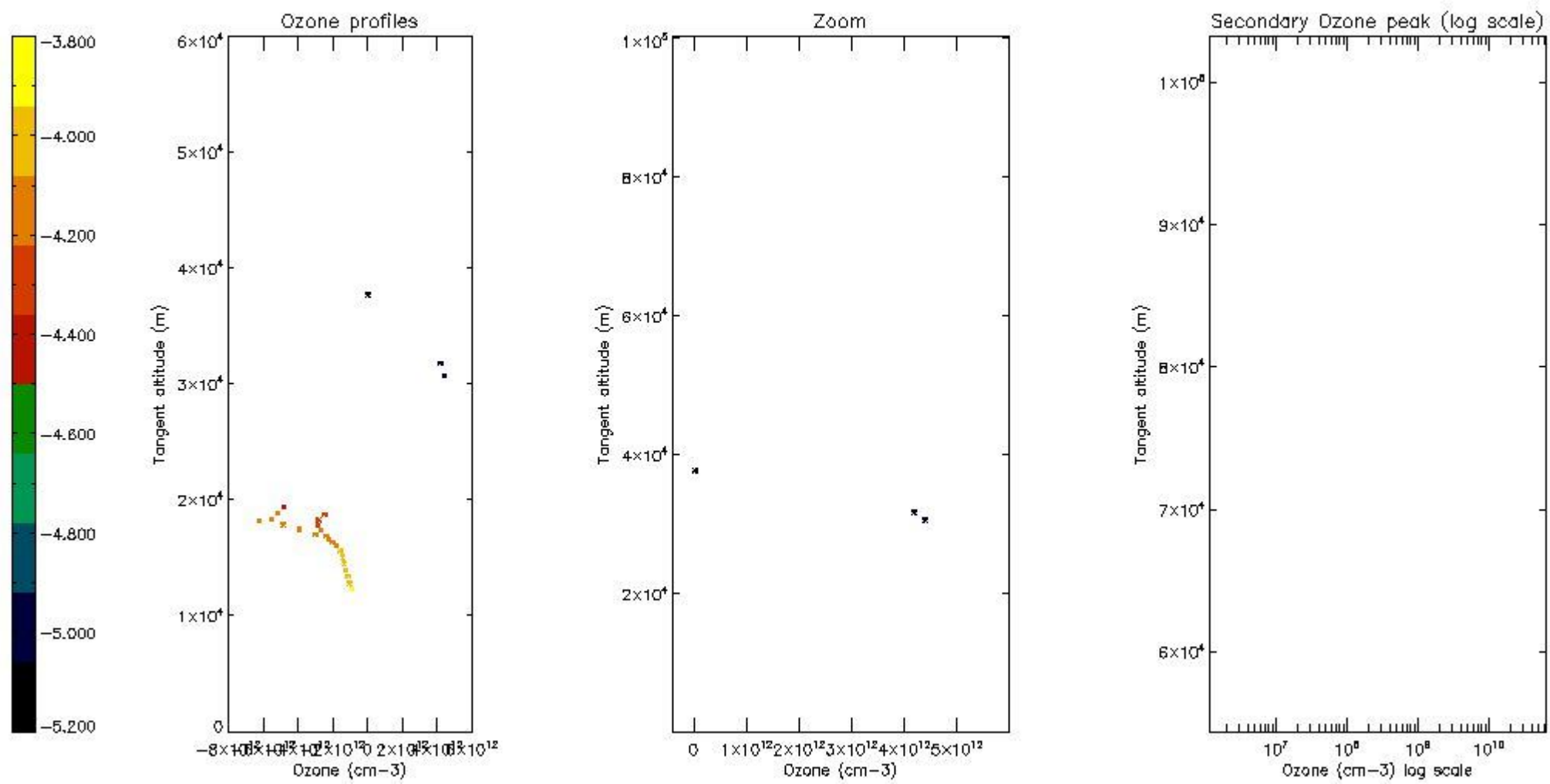
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



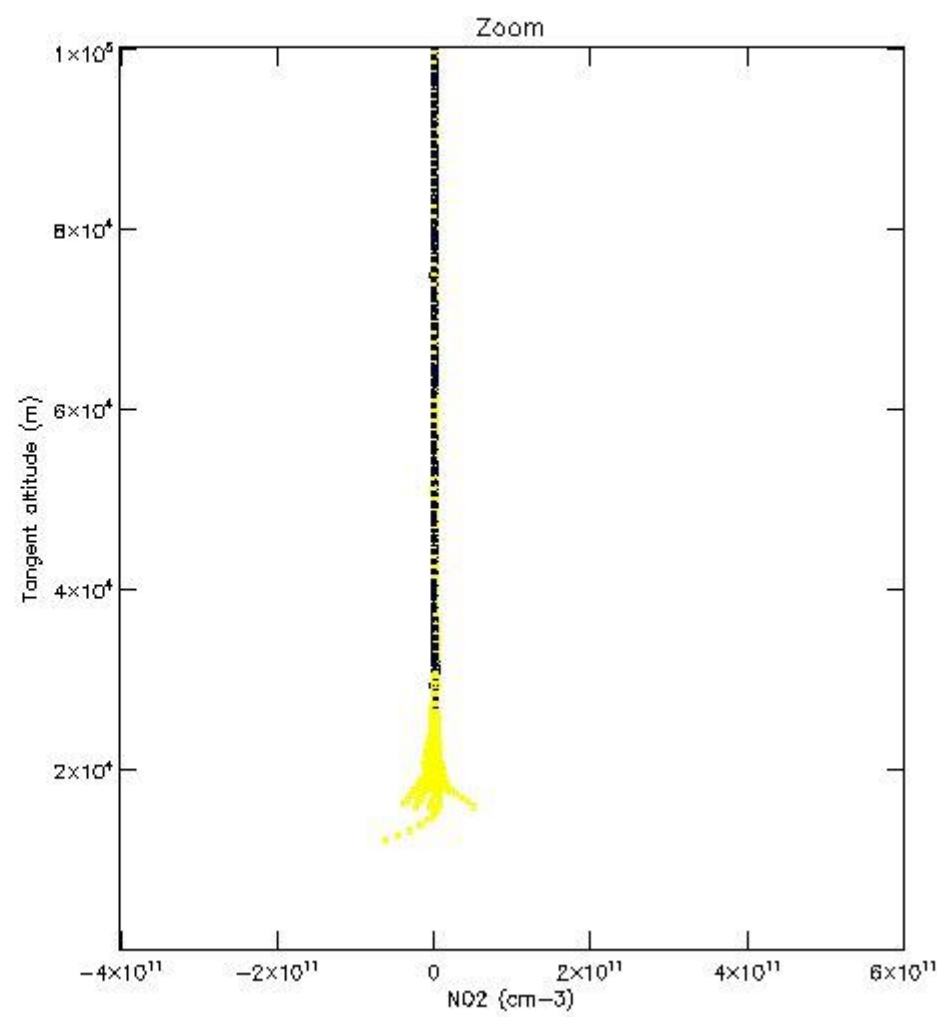
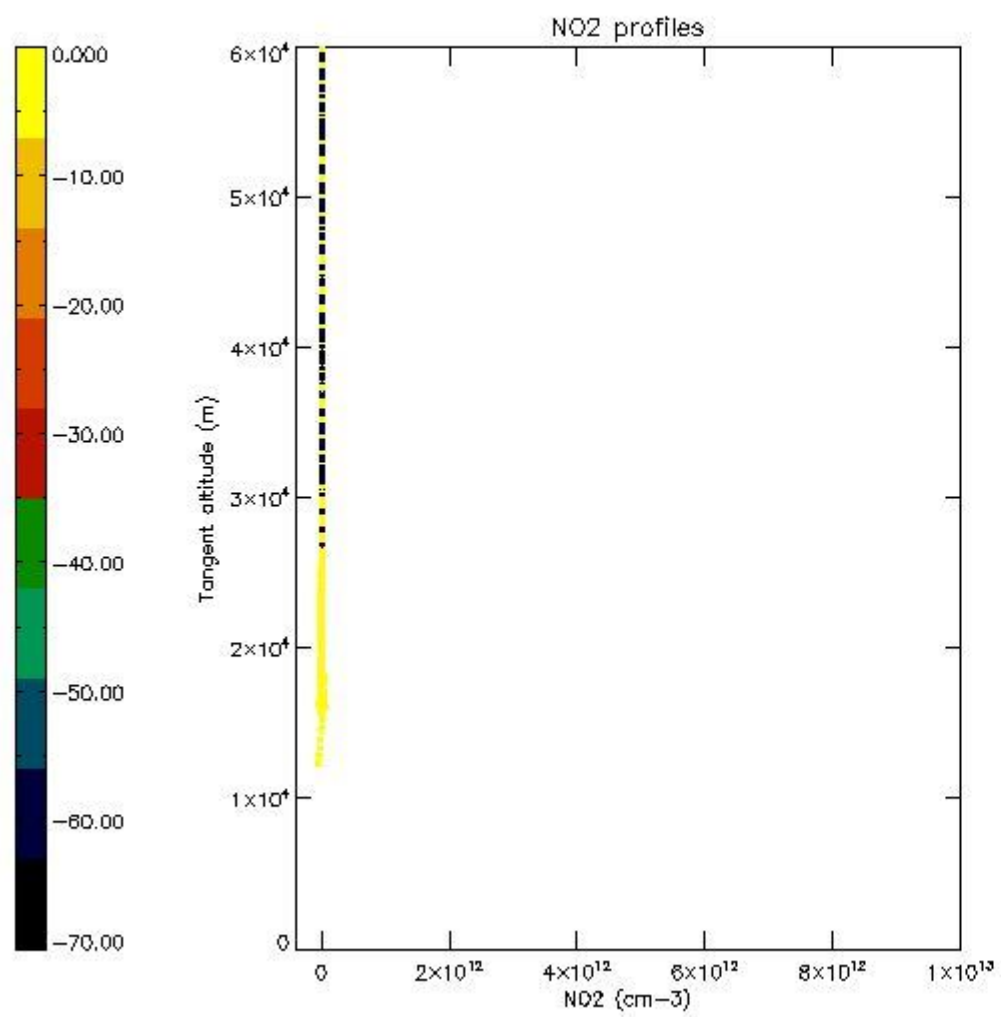
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



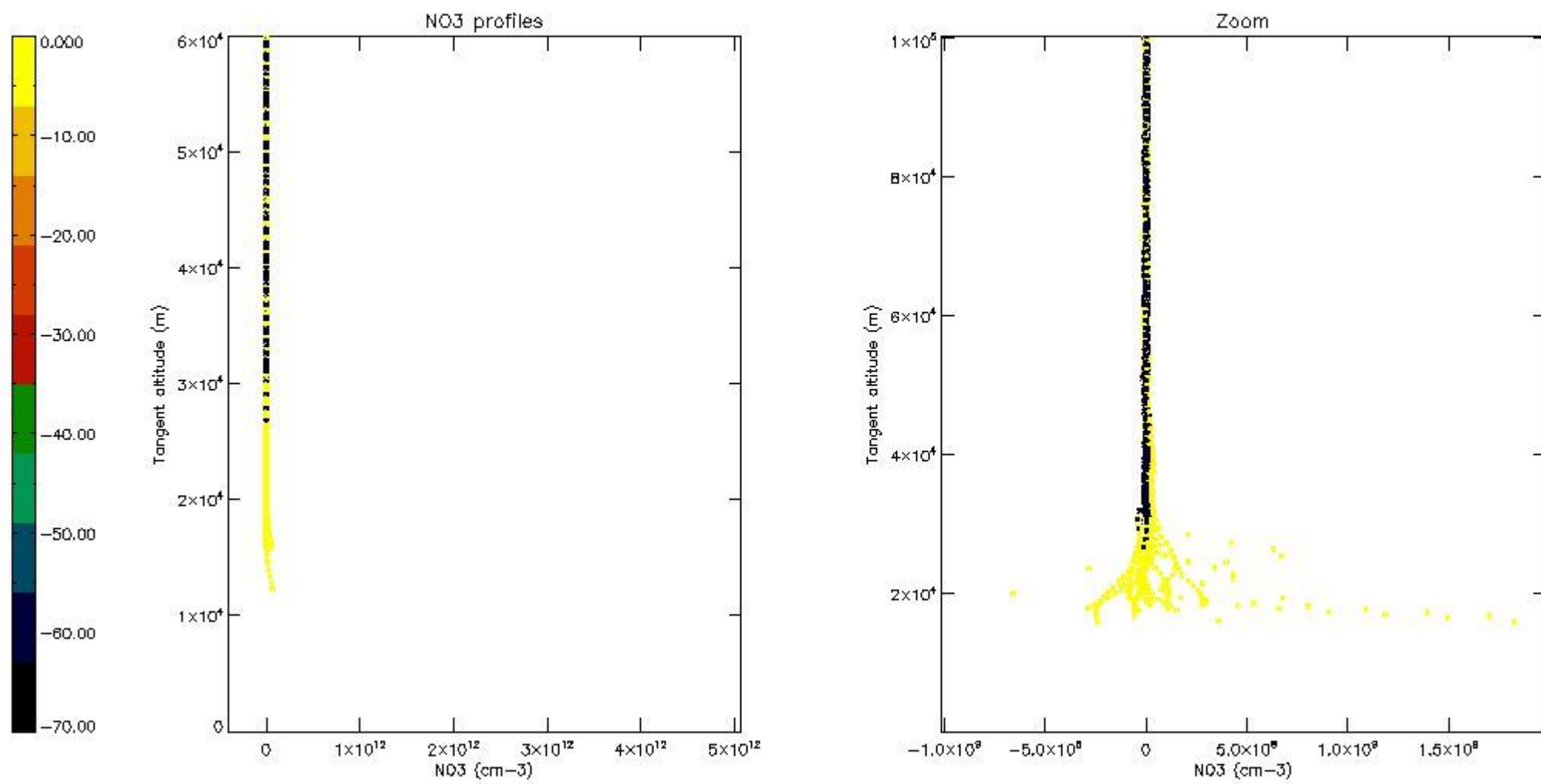
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



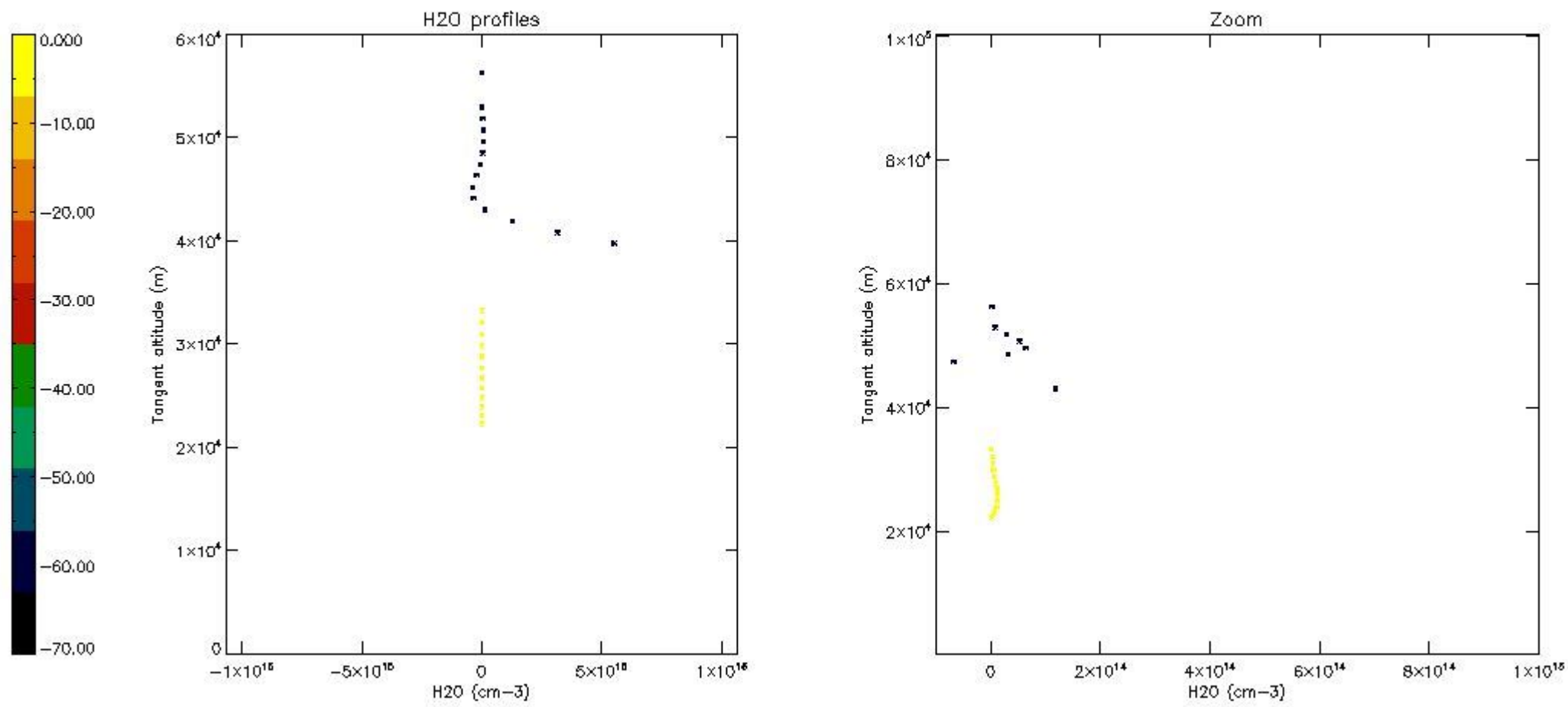
5.7 Plot NO3 profiles for all STD (dark without errors)

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	06-JUL-2009 00:06:18
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	06-JUL-2009 00:06:18
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	06-JUL-2009 00:06:18

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	26APR2013 10:37:57
Data source version	GOMOS/6.01
Start time of products	06-07-2009 (06JUL2009 00:00:00)
Stop time of products	07-07-2009 (07JUL2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	185
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__2PRFIN20090706_000618_000000432080_00288_38418_8244.N1	06-JUL-2009 00:06:18	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38418	No
2	GOM_NL__2PRFIN20090706_001347_000000432080_00288_38418_8245.N1	06-JUL-2009 00:13:47	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	38418	No
3	GOM_NL__2PRFIN20090706_001535_000000372080_00288_38418_8246.N1	06-JUL-2009 00:15:35	Bright	37.000	110	37Del Cas	2.6780	8900.0	74	38418	No
4	GOM_NL__2PRFIN20090706_002222_000000392080_00288_38418_8247.N1	06-JUL-2009 00:22:22	Bright	38.500	73	57Gam1And	2.2600	13100.	77	38418	No
5	GOM_NL__2PRFIN20090706_002511_000000392080_00288_38418_8248.N1	06-JUL-2009 00:25:11	Twilight	39.000	173	4Bet Tri	3.0040	8900.0	78	38418	No
6	GOM_NL__2PRFIN20090706_002947_000000452080_00288_38418_8249.N1	06-JUL-2009 00:29:47	Dark	44.500	50	13Alp Ari	2.0070	4250.0	89	38418	No
7	GOM_NL__2PRFIN20090706_005450_000000532080_00289_38419_8252.N1	06-JUL-2009 00:54:50	Dark	52.500	84	Alp Phe	2.3970	4500.0	105	38419	No
8	GOM_NL__2PRFIN20090706_010112_000000582080_00289_38419_8253.N1	06-JUL-2009 01:01:12	Straylight	57.500	63	Bet Gru	2.1500	2800.0	115	38419	No
9	GOM_NL__2PRFIN20090706_010303_000000512080_00289_38419_8254.N1	06-JUL-2009 01:03:03	Straylight	51.000	31	Alp Gru	1.7340	15200.	102	38419	No
10	GOM_NL__2PRFIN20090706_010606_000000542080_00289_38419_8255.N1	06-JUL-2009 01:06:06	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	38419	No
11	GOM_NL__2PRFIN20090706_012835_000000462080_00289_38419_8256.N1	06-JUL-2009 01:28:35	Bright	45.500	168	17Zet Aql	2.9860	11000.	91	38419	No
12	GOM_NL__2PRFIN20090706_013538_000000432080_00289_38419_8257.N1	06-JUL-2009 01:35:38	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	38419	No
13	GOM_NL__2PRFIN20090706_013941_000000462080_00289_38419_8258.N1	06-JUL-2009 01:39:41	Bright	46.000	144	18Del Cyg	2.8600	11000.	92	38419	No
14	GOM_NL__2PRFIN20090706_014653_000000432080_00289_38419_8259.N1	06-JUL-2009 01:46:53	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38419	No
15	GOM_NL__2PRFIN20090706_015422_000000432080_00289_38419_8260.N1	06-JUL-2009 01:54:22	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	38419	No
16	GOM_NL__2PRFIN20090706_015611_000000372080_00289_38419_8261.N1	06-JUL-2009 01:56:11	Bright	36.500	110	37Del Cas	2.6780	8900.0	73	38419	No
17	GOM_NL__2PRFIN20090706_020257_000000382080_00289_38419_8262.N1	06-JUL-2009 02:02:57	Bright	38.000	73	57Gam1And	2.2600	13100.	76	38419	No
18	GOM_NL__2PRFIN20090706_020547_000000392080_00289_38419_8263.N1	06-JUL-2009 02:05:47	Twilight	38.500	173	4Bet Tri	3.0040	8900.0	77	38419	No
19	GOM_NL__2PRFIN20090706_021023_000000442080_00289_38419_8264.N1	06-JUL-2009 02:10:23	Dark	44.000	50	13Alp Ari	2.0070	4250.0	88	38419	No
20	GOM_NL__2PRFIN20090706_023527_000000532080_00290_38420_8296.N1	06-JUL-2009 02:35:27	Dark	52.500	84	Alp Phe	2.3970	4500.0	105	38420	No
21	GOM_NL__2PRFIN20090706_024149_000000642080_00290_38420_8297.N1	06-JUL-2009 02:41:49	Straylight	63.500	63	Bet Gru	2.1500	2800.0	127	38420	No
22	GOM_NL__2PRFIN20090706_024340_000000522080_00290_38420_8298.N1	06-JUL-2009 02:43:40	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	38420	No
23	GOM_NL__2PRFIN20090706_024643_000000542080_00290_38420_8299.N1	06-JUL-2009 02:46:43	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	38420	No
24	GOM_NL__2PRFIN20090706_030910_000000482080_00290_38420_8300.N1	06-JUL-2009 03:09:10	Bright	47.500	168	17Zet Aql	2.9860	11000.	95	38420	No
25	GOM_NL__2PRFIN20090706_031613_000000412080_00290_38420_8301.N1	06-JUL-2009 03:16:13	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	38420	No
26	GOM_NL__2PRFIN20090706_032016_000000432080_00290_38420_8302.N1	06-JUL-2009 03:20:16	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	38420	No
27	GOM_NL__2PRFIN20090706_032728_000000452080_00290_38420_8303.N1	06-JUL-2009 03:27:28	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	38420	No
28	GOM_NL__2PRFIN20090706_033457_000000442080_00290_38420_8304.N1	06-JUL-2009 03:34:57	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	38420	No
29	GOM_NL__2PRFIN20090706_033646_000000372080_00290_38420_8305.N1	06-JUL-2009 03:36:46	Bright	36.500	110	37Del Cas	2.6780	8900.0	73	38420	No
30	GOM_NL__2PRFIN20090706_034333_000000382080_00290_38420_8306.N1	06-JUL-2009 03:43:33	Bright	37.500	73	57Gam1And	2.2600	13100.	75	38420	No
31	GOM_NL__2PRFIN20090706_034623_000000392080_00290_38420_8307.N1	06-JUL-2009 03:46:23	Twilight	38.500	173	4Bet Tri	3.0040	8900.0	77	38420	No
32	GOM_NL__2PRFIN20090706_035059_000000462080_00290_38420_8308.N1	06-JUL-2009 03:50:59	Dark	46.000	50	13Alp Ari	2.0070	4250.0	92	38420	No
33	GOM_NL__2PRFIN20090706_041605_000000512080_00291_38421_8285.N1	06-JUL-2009 04:16:05	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	38421	No
34	GOM_NL__2PRFIN20090706_042226_000000532080_00291_38421_8286.N1	06-JUL-2009 04:22:26	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	38421	No
35	GOM_NL__2PRFIN20090706_042416_000000502080_00291_38421_8287.N1	06-JUL-2009 04:24:16	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	38421	No
36	GOM_NL__2PRFIN20090706_042720_000000562080_00291_38421_8288.N1	06-JUL-2009 04:27:20	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	38421	No
37	GOM_NL__2PRFIN20090706_044946_000000422080_00291_38421_8289.N1	06-JUL-2009 04:49:46	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	38421	No
38	GOM_NL__2PRFIN20090706_045649_000000592080_00291_38421_8290.N1	06-JUL-2009 04:56:49	Bright	59.000	5	3Alp Lyr	0.033000	11000.	118	38421	No
39	GOM_NL__2PRFIN20090706_050052_000000462080_00291_38421_8291.N1	06-JUL-2009 05:00:52	Bright	46.000	144	18Del Cyg	2.8600	11000.	92	38421	No
40	GOM_NL__2PRFIN20090706_050803_000000412080_00291_38421_8292.N1	06-JUL-2009 05:08:03	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38421	No
41	GOM_NL__2PRFIN20090706_051533_000000422080_00291_38421_8293.N1	06-JUL-2009 05:15:33	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	38421	No
42	GOM_NL__2PRFIN20090706_051722_000000372080_00291_38421_8294.N1	06-JUL-2009 05:17:22	Bright	37.000	110	37Del Cas	2.6780	8900.0	74	38421	No

43	GOM_NL__2PRFIN20090706_052409_000000412080_00291_38421_8295.N1	06-JUL-2009 05:24:09	Bright	40.500	73	57Gam1And	2.2600	13100.	81	38421	No
44	GOM_NL__2PRFIN20090706_052659_000000392080_00291_38421_8296.N1	06-JUL-2009 05:26:59	Tw_i_and_stray	38.500	173	4Bet Tri	3.0040	8900.0	77	38421	No
45	GOM_NL__2PRFIN20090706_053136_000000452080_00291_38421_8297.N1	06-JUL-2009 05:31:36	Dark	45.000	50	13Alp Ari	2.0070	4250.0	90	38421	No
46	GOM_NL__2PRFIN20090706_055642_000000482080_00292_38422_8300.N1	06-JUL-2009 05:56:42	Dark	47.500	84	Alp Phe	2.3970	4500.0	95	38422	No
47	GOM_NL__2PRFIN20090706_060303_000000532080_00292_38422_8301.N1	06-JUL-2009 06:03:03	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	38422	No
48	GOM_NL__2PRFIN20090706_060453_000000512080_00292_38422_8302.N1	06-JUL-2009 06:04:53	Straylight	51.000	31	Alp Gru	1.7340	15200.	102	38422	No
49	GOM_NL__2PRFIN20090706_060757_000000572080_00292_38422_8303.N1	06-JUL-2009 06:07:57	Straylight	57.000	172	Gam Gru	3.0030	13100.	114	38422	No
50	GOM_NL__2PRFIN20090706_063022_000000422080_00292_38422_8304.N1	06-JUL-2009 06:30:22	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	38422	No
51	GOM_NL__2PRFIN20090706_063724_000000592080_00292_38422_8305.N1	06-JUL-2009 06:37:24	Bright	59.000	5	3Alp Lyr	0.033000	11000.	118	38422	No
52	GOM_NL__2PRFIN20090706_064127_000000472080_00292_38422_8306.N1	06-JUL-2009 06:41:27	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	38422	No
53	GOM_NL__2PRFIN20090706_064839_000000452080_00292_38422_8307.N1	06-JUL-2009 06:48:39	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	38422	No
54	GOM_NL__2PRFIN20090706_065608_000000612080_00292_38422_8308.N1	06-JUL-2009 06:56:08	Bright	61.000	74	11Bet Cas	2.2680	6600.0	122	38422	No
55	GOM_NL__2PRFIN20090706_065758_000000372080_00292_38422_8309.N1	06-JUL-2009 06:57:58	Bright	36.500	110	37Del Cas	2.6780	8900.0	73	38422	No
56	GOM_NL__2PRFIN20090706_070445_000000392080_00292_38422_8310.N1	06-JUL-2009 07:04:45	Bright	39.000	73	57Gam1And	2.2600	13100.	78	38422	No
57	GOM_NL__2PRFIN20090706_070735_000000402080_00292_38422_8311.N1	06-JUL-2009 07:07:35	Tw_i_and_stray	39.500	173	4Bet Tri	3.0040	8900.0	79	38422	No
58	GOM_NL__2PRFIN20090706_071212_000000462080_00292_38422_8312.N1	06-JUL-2009 07:12:12	Dark	45.500	50	13Alp Ari	2.0070	4250.0	91	38422	No
59	GOM_NL__2PRFIN20090706_071718_000000372080_00292_38422_8313.N1	06-JUL-2009 07:17:18	Dark	36.500	94	92Alp Cet	2.5260	3100.0	73	38422	No
60	GOM_NL__2PRFIN20090706_073719_000000502080_00293_38423_8322.N1	06-JUL-2009 07:37:19	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	38423	No
61	GOM_NL__2PRFIN20090706_074340_000000652080_00293_38423_8323.N1	06-JUL-2009 07:43:40	Straylight	65.000	63	Bet Gru	2.1500	2800.0	130	38423	No
62	GOM_NL__2PRFIN20090706_074530_000000502080_00293_38423_8324.N1	06-JUL-2009 07:45:30	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	38423	No
63	GOM_NL__2PRFIN20090706_074834_000000542080_00293_38423_8325.N1	06-JUL-2009 07:48:34	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	38423	No
64	GOM_NL__2PRFIN20090706_081057_000000432080_00293_38423_8326.N1	06-JUL-2009 08:10:57	Bright	43.000	168	17Zet Aql	2.9860	11000.	86	38423	No
65	GOM_NL__2PRFIN20090706_081800_000000432080_00293_38423_8327.N1	06-JUL-2009 08:18:00	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	38423	No
66	GOM_NL__2PRFIN20090706_082202_000000492080_00293_38423_8328.N1	06-JUL-2009 08:22:02	Bright	48.500	144	18Del Cyg	2.8600	11000.	97	38423	No
67	GOM_NL__2PRFIN20090706_082913_000000412080_00293_38423_8329.N1	06-JUL-2009 08:29:13	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	38423	No
68	GOM_NL__2PRFIN20090706_083644_000000472080_00293_38423_8330.N1	06-JUL-2009 08:36:44	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	38423	No
69	GOM_NL__2PRFIN20090706_083833_000000372080_00293_38423_8331.N1	06-JUL-2009 08:38:33	Bright	36.500	110	37Del Cas	2.6780	8900.0	73	38423	No
70	GOM_NL__2PRFIN20090706_084521_000000402080_00293_38423_8332.N1	06-JUL-2009 08:45:21	Bright	39.500	73	57Gam1And	2.2600	13100.	79	38423	No
71	GOM_NL__2PRFIN20090706_084811_000000402080_00293_38423_8333.N1	06-JUL-2009 08:48:11	Tw_i_and_stray	40.000	173	4Bet Tri	3.0040	8900.0	80	38423	No
72	GOM_NL__2PRFIN20090706_085249_000000482080_00293_38423_8334.N1	06-JUL-2009 08:52:49	Dark	47.500	50	13Alp Ari	2.0070	4250.0	95	38423	No
73	GOM_NL__2PRFIN20090706_085754_000000362080_00293_38423_8335.N1	06-JUL-2009 08:57:54	Dark	35.500	94	92Alp Cet	2.5260	3100.0	71	38423	No
74	GOM_NL__2PRFIN20090706_091756_000000522080_00294_38424_8360.N1	06-JUL-2009 09:17:56	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	38424	No
75	GOM_NL__2PRFIN20090706_092416_000000552080_00294_38424_8361.N1	06-JUL-2009 09:24:16	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	38424	No
76	GOM_NL__2PRFIN20090706_092607_000000522080_00294_38424_8362.N1	06-JUL-2009 09:26:07	Straylight	52.000	31	Alp Gru	1.7340	15200.	104	38424	No
77	GOM_NL__2PRFIN20090706_092911_000000582080_00294_38424_8363.N1	06-JUL-2009 09:29:11	Straylight	58.000	172	Gam Gru	3.0030	13100.	116	38424	No
78	GOM_NL__2PRFIN20090706_095133_000000432080_00294_38424_8364.N1	06-JUL-2009 09:51:33	Bright	42.500	168	17Zet Aql	2.9860	11000.	85	38424	No
79	GOM_NL__2PRFIN20090706_095835_000000432080_00294_38424_8365.N1	06-JUL-2009 09:58:35	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	38424	No
80	GOM_NL__2PRFIN20090706_100237_000000492080_00294_38424_8366.N1	06-JUL-2009 10:02:37	Bright	48.500	144	18Del Cyg	2.8600	11000.	97	38424	No
81	GOM_NL__2PRFIN20090706_100949_000000432080_00294_38424_8367.N1	06-JUL-2009 10:09:49	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38424	No
82	GOM_NL__2PRFIN20090706_101719_000000412080_00294_38424_8368.N1	06-JUL-2009 10:17:19	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	38424	No
83	GOM_NL__2PRFIN20090706_101909_000000362080_00294_38424_8369.N1	06-JUL-2009 10:19:09	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	38424	No
84	GOM_NL__2PRFIN20090706_102556_000000392080_00294_38424_8370.N1	06-JUL-2009 10:25:56	Bright	38.500	73	57Gam1And	2.2600	13100.	77	38424	No
85	GOM_NL__2PRFIN20090706_102847_000000392080_00294_38424_8371.N1	06-JUL-2009 10:28:47	Tw_i_and_stray	39.000	173	4Bet Tri	3.0040	8900.0	78	38424	No
86	GOM_NL__2PRFIN20090706_103325_000000452080_00294_38424_8372.N1	06-JUL-2009 10:33:25	Dark	45.000	50	13Alp Ari	2.0070	4250.0	90	38424	No
87	GOM_NL__2PRFIN20090706_103830_000000372080_00294_38424_8373.N1	06-JUL-2009 10:38:30	Dark	36.500	94	92Alp Cet	2.5260	3100.0	73	38424	No
88	GOM_NL__2PRFIN20090706_105833_000000532080_00295_38425_8396.N1	06-JUL-2009 10:58:33	Dark	52.500	84	Alp Phe	2.3970	4500.0	105	38425	No
89	GOM_NL__2PRFIN20090706_110453_000000562080_00295_38425_8397.N1	06-JUL-2009 11:04:53	Straylight	56.000	63	Bet Gru	2.1500	2800.0	112	38425	No
90	GOM_NL__2PRFIN20090706_110643_000000512080_00295_38425_8398.N1	06-JUL-2009 11:06:43	Straylight	51.000	31	Alp Gru	1.7340	15200.	102	38425	No
91	GOM_NL__2PRFIN20090706_110948_000000562080_00295_38425_8399.N1	06-JUL-2009 11:09:48	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	38425	No
92	GOM_NL__2PRFIN20090706_113208_000000652080_00295_38425_8400.N1	06-JUL-2009 11:32:08	Bright	65.000	168	17Zet Aql	2.9860	11000.	130	38425	No
93	GOM_NL__2PRFIN20090706_113911_000000422080_00295_38425_8401.N1	06-JUL-2009 11:39:11	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	38425	No
94	GOM_NL__2PRFIN20090706_114312_000000472080_00295_38425_8402.N1	06-JUL-2009 11:43:12	Bright	47.000	144	18Del Cyg	2.8600	11000.	94	38425	No
95	GOM_NL__2PRFIN20090706_115024_000000432080_00295_38425_8403.N1	06-JUL-2009 11:50:24	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38425	No
96	GOM_NL__2PRFIN20090706_115754_000000432080_00295_38425_8404.N1	06-JUL-2009 11:57:54	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	38425	No
97	GOM_NL__2PRFIN20090706_115944_000000372080_00295_38425_8405.N1	06-JUL-2009 11:59:44	Bright	36.500	110	37Del Cas	2.6780	8900.0	73	38425	No
98	GOM_NL__2PRFIN20090706_120632_000000392080_00295_38425_8406.N1	06-JUL-2009 12:06:32	Bright	38.500	73	57Gam1And	2.2600	13100.	77	38425	No
99	GOM_NL__2PRFIN20090706_120923_000000392080_00295_38425_8407.N1	06-JUL-2009 12:09:23	Tw_i_and_stray	38.500	173	4Bet Tri	3.0040	8900.0	77	38425	No
100	GOM_NL__2PRFIN20090706_121401_000000432080_00295_38425_8408.N1	06-JUL-2009 12:14:01	Dark	42.500	50	13Alp Ari	2.0070	4250.0	85	38425	No
101	GOM_NL__2PRFIN20090706_121907_000000362080_00295_38425_8409.N1	06-JUL-2009 12:19:07	Dark	35.500	94	92Alp Cet	2.5260	3100.0	71	38425	No

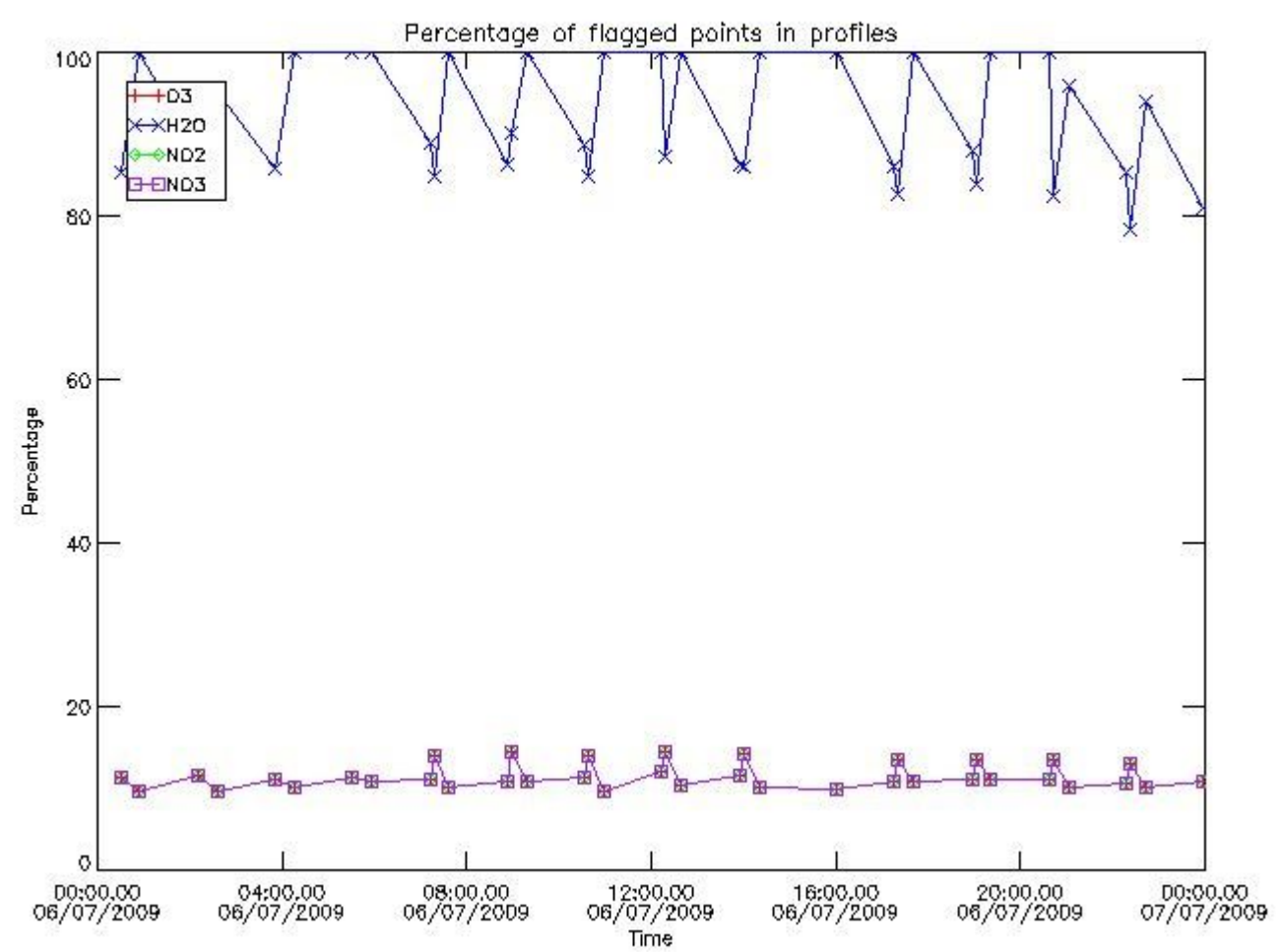
102	GOM_NL__2PRFIN20090706_123910_000000502080_00296_38426_8427.N1	06-JUL-2009 12:39:10	Dark	49.500	84	Alp Phe	2.3970	4500.0	99	38426	No
103	GOM_NL__2PRFIN20090706_124530_000000542080_00296_38426_8428.N1	06-JUL-2009 12:45:30	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	38426	No
104	GOM_NL__2PRFIN20090706_124720_000000532080_00296_38426_8429.N1	06-JUL-2009 12:47:20	Straylight	53.000	31	Alp Gru	1.7340	15200.	106	38426	No
105	GOM_NL__2PRFIN20090706_125025_000000562080_00296_38426_8430.N1	06-JUL-2009 12:50:25	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	38426	No
106	GOM_NL__2PRFIN20090706_131244_000000482080_00296_38426_8431.N1	06-JUL-2009 13:12:44	Bright	48.000	168	17Zet Aql	2.9860	11000.	96	38426	No
107	GOM_NL__2PRFIN20090706_131947_000000422080_00296_38426_8432.N1	06-JUL-2009 13:19:47	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	38426	No
108	GOM_NL__2PRFIN20090706_132348_000000472080_00296_38426_8433.N1	06-JUL-2009 13:23:48	Bright	47.000	144	18Del Cyg	2.8600	11000.	94	38426	No
109	GOM_NL__2PRFIN20090706_133059_000000462080_00296_38426_8434.N1	06-JUL-2009 13:30:59	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	38426	No
110	GOM_NL__2PRFIN20090706_133829_000000442080_00296_38426_8435.N1	06-JUL-2009 13:38:29	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	38426	No
111	GOM_NL__2PRFIN20090706_134020_000000382080_00296_38426_8436.N1	06-JUL-2009 13:40:20	Bright	38.000	110	37Del Cas	2.6780	8900.0	76	38426	No
112	GOM_NL__2PRFIN20090706_134708_000000402080_00296_38426_8437.N1	06-JUL-2009 13:47:08	Bright	40.000	73	57Gam1And	2.2600	13100.	80	38426	No
113	GOM_NL__2PRFIN20090706_134959_000000412080_00296_38426_8438.N1	06-JUL-2009 13:49:59	Tw_i_and_stray	40.500	173	4Bet Tri	3.0040	8900.0	81	38426	No
114	GOM_NL__2PRFIN20090706_135437_000000452080_00296_38426_8439.N1	06-JUL-2009 13:54:37	Dark	44.500	50	13Alp Ari	2.0070	4250.0	89	38426	No
115	GOM_NL__2PRFIN20090706_135943_000000362080_00296_38426_8440.N1	06-JUL-2009 13:59:43	Dark	36.000	94	92Alp Cet	2.5260	3100.0	72	38426	No
116	GOM_NL__2PRFIN20090706_141947_000000502080_00297_38427_8441.N1	06-JUL-2009 14:19:47	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	38427	No
117	GOM_NL__2PRFIN20090706_142607_000000532080_00297_38427_8442.N1	06-JUL-2009 14:26:07	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	38427	No
118	GOM_NL__2PRFIN20090706_142757_000000492080_00297_38427_8443.N1	06-JUL-2009 14:27:57	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	38427	No
119	GOM_NL__2PRFIN20090706_143101_000000542080_00297_38427_8444.N1	06-JUL-2009 14:31:01	Straylight	53.500	172	Gam Gru	3.0030	13100.	107	38427	No
120	GOM_NL__2PRFIN20090706_160024_000000522080_00298_38428_8455.N1	06-JUL-2009 16:00:24	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	38428	No
121	GOM_NL__2PRFIN20090706_160644_000000532080_00298_38428_8456.N1	06-JUL-2009 16:06:44	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	38428	No
122	GOM_NL__2PRFIN20090706_160834_000000492080_00298_38428_8457.N1	06-JUL-2009 16:08:34	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	38428	No
123	GOM_NL__2PRFIN20090706_161138_000000552080_00298_38428_8458.N1	06-JUL-2009 16:11:38	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	38428	No
124	GOM_NL__2PRFIN20090706_163355_000000462080_00298_38428_8459.N1	06-JUL-2009 16:33:55	Bright	45.500	168	17Zet Aql	2.9860	11000.	91	38428	No
125	GOM_NL__2PRFIN20090706_164058_000000402080_00298_38428_8460.N1	06-JUL-2009 16:40:58	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	38428	No
126	GOM_NL__2PRFIN20090706_164458_000000462080_00298_38428_8461.N1	06-JUL-2009 16:44:58	Bright	46.000	144	18Del Cyg	2.8600	11000.	92	38428	No
127	GOM_NL__2PRFIN20090706_165210_000000482080_00298_38428_8462.N1	06-JUL-2009 16:52:10	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	38428	No
128	GOM_NL__2PRFIN20090706_165940_000000442080_00298_38428_8463.N1	06-JUL-2009 16:59:40	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	38428	No
129	GOM_NL__2PRFIN20090706_170131_000000392080_00298_38428_8464.N1	06-JUL-2009 17:01:31	Bright	38.500	110	37Del Cas	2.6780	8900.0	77	38428	No
130	GOM_NL__2PRFIN20090706_170820_000000422080_00298_38428_8465.N1	06-JUL-2009 17:08:20	Bright	41.500	73	57Gam1And	2.2600	13100.	83	38428	No
131	GOM_NL__2PRFIN20090706_171550_000000472080_00298_38428_8466.N1	06-JUL-2009 17:15:50	Dark	47.000	50	13Alp Ari	2.0070	4250.0	94	38428	No
132	GOM_NL__2PRFIN20090706_172057_000000382080_00298_38428_8467.N1	06-JUL-2009 17:20:57	Dark	38.000	94	92Alp Cet	2.5260	3100.0	76	38428	No
133	GOM_NL__2PRFIN20090706_174101_000000572080_00299_38429_8470.N1	06-JUL-2009 17:41:01	Dark	56.500	84	Alp Phe	2.3970	4500.0	113	38429	No
134	GOM_NL__2PRFIN20090706_174721_000000522080_00299_38429_8471.N1	06-JUL-2009 17:47:21	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	38429	No
135	GOM_NL__2PRFIN20090706_174911_000000482080_00299_38429_8472.N1	06-JUL-2009 17:49:11	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	38429	No
136	GOM_NL__2PRFIN20090706_175215_000000552080_00299_38429_8473.N1	06-JUL-2009 17:52:15	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	38429	No
137	GOM_NL__2PRFIN20090706_181430_000000472080_00299_38429_8474.N1	06-JUL-2009 18:14:30	Bright	46.500	168	17Zet Aql	2.9860	11000.	93	38429	No
138	GOM_NL__2PRFIN20090706_182133_000000422080_00299_38429_8475.N1	06-JUL-2009 18:21:33	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	38429	No
139	GOM_NL__2PRFIN20090706_182533_000000462080_00299_38429_8476.N1	06-JUL-2009 18:25:33	Bright	46.000	144	18Del Cyg	2.8600	11000.	92	38429	No
140	GOM_NL__2PRFIN20090706_183245_000000452080_00299_38429_8477.N1	06-JUL-2009 18:32:45	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	38429	No
141	GOM_NL__2PRFIN20090706_184015_000000722080_00299_38429_8478.N1	06-JUL-2009 18:40:15	Bright	72.000	74	11Bet Cas	2.2680	6600.0	144	38429	No
142	GOM_NL__2PRFIN20090706_184207_000000382080_00299_38429_8479.N1	06-JUL-2009 18:42:07	Bright	38.000	110	37Del Cas	2.6780	8900.0	76	38429	No
143	GOM_NL__2PRFIN20090706_184856_000000412080_00299_38429_8480.N1	06-JUL-2009 18:48:56	Bright	40.500	73	57Gam1And	2.2600	13100.	81	38429	No
144	GOM_NL__2PRFIN20090706_185627_000000462080_00299_38429_8481.N1	06-JUL-2009 18:56:27	Dark	46.000	50	13Alp Ari	2.0070	4250.0	92	38429	No
145	GOM_NL__2PRFIN20090706_190133_000000382080_00299_38429_8482.N1	06-JUL-2009 19:01:33	Dark	37.500	94	92Alp Cet	2.5260	3100.0	75	38429	No
146	GOM_NL__2PRFIN20090706_192138_000000512080_00300_38430_8487.N1	06-JUL-2009 19:21:38	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	38430	No
147	GOM_NL__2PRFIN20090706_192758_000000532080_00300_38430_8488.N1	06-JUL-2009 19:27:58	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	38430	No
148	GOM_NL__2PRFIN20090706_192947_000000502080_00300_38430_8489.N1	06-JUL-2009 19:29:47	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	38430	No
149	GOM_NL__2PRFIN20090706_193252_000000542080_00300_38430_8490.N1	06-JUL-2009 19:32:52	Straylight	53.500	172	Gam Gru	3.0030	13100.	107	38430	No
150	GOM_NL__2PRFIN20090706_195506_000000442080_00300_38430_8491.N1	06-JUL-2009 19:55:06	Bright	43.500	168	17Zet Aql	2.9860	11000.	87	38430	No
151	GOM_NL__2PRFIN20090706_200209_000000382080_00300_38430_8492.N1	06-JUL-2009 20:02:09	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	38430	No
152	GOM_NL__2PRFIN20090706_200609_000000482080_00300_38430_8493.N1	06-JUL-2009 20:06:09	Bright	47.500	144	18Del Cyg	2.8600	11000.	95	38430	No
153	GOM_NL__2PRFIN20090706_201321_000000462080_00300_38430_8494.N1	06-JUL-2009 20:13:21	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	38430	No
154	GOM_NL__2PRFIN20090706_202051_000000482080_00300_38430_8495.N1	06-JUL-2009 20:20:51	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38430	No
155	GOM_NL__2PRFIN20090706_202242_000000382080_00300_38430_8496.N1	06-JUL-2009 20:22:42	Bright	38.000	110	37Del Cas	2.6780	8900.0	76	38430	No
156	GOM_NL__2PRFIN20090706_202931_000000402080_00300_38430_8497.N1	06-JUL-2009 20:29:31	Bright	40.000	73	57Gam1And	2.2600	13100.	80	38430	No
157	GOM_NL__2PRFIN20090706_203223_000000412080_00300_38430_8498.N1	06-JUL-2009 20:32:23	Tw_i_and_stray	41.000	173	4Bet Tri	3.0040	8900.0	82	38430	No
158	GOM_NL__2PRFIN20090706_203703_000000462080_00300_38430_8499.N1	06-JUL-2009 20:37:03	Dark	46.000	50	13Alp Ari	2.0070	4250.0	92	38430	No
159	GOM_NL__2PRFIN20090706_204209_000000372080_00300_38430_8500.N1	06-JUL-2009 20:42:09	Dark	37.000	94	92Alp Cet	2.5260	3100.0	74	38430	No
160	GOM_NL__2PRFIN20090706_210215_000000512080_00301_38431_8505.N1	06-JUL-2009 21:02:15	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	38431	No

161	GOM_NL__2PRFIN20090706_210835_000000572080_00301_38431_8506.N1	06-JUL-2009 21:08:35	Straylight	57.000	63	Bet Gru	2.1500	2800.0	114	38431	No
162	GOM_NL__2PRFIN20090706_211024_000000482080_00301_38431_8507.N1	06-JUL-2009 21:10:24	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	38431	No
163	GOM_NL__2PRFIN20090706_211329_000000552080_00301_38431_8508.N1	06-JUL-2009 21:13:29	Straylight	54.500	172	Gam Gru	3.0030	13100.	109	38431	No
164	GOM_NL__2PRFIN20090706_213542_000000432080_00301_38431_8509.N1	06-JUL-2009 21:35:42	Bright	43.000	168	17Zet Aql	2.9860	11000.	86	38431	No
165	GOM_NL__2PRFIN20090706_214244_000000392080_00301_38431_8510.N1	06-JUL-2009 21:42:44	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	38431	No
166	GOM_NL__2PRFIN20090706_214644_000000472080_00301_38431_8511.N1	06-JUL-2009 21:46:44	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	38431	No
167	GOM_NL__2PRFIN20090706_215356_000000412080_00301_38431_8512.N1	06-JUL-2009 21:53:56	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	38431	No
168	GOM_NL__2PRFIN20090706_220126_000000452080_00301_38431_8513.N1	06-JUL-2009 22:01:26	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	38431	No
169	GOM_NL__2PRFIN20090706_220318_000000402080_00301_38431_8514.N1	06-JUL-2009 22:03:18	Bright	39.500	110	37Del Cas	2.6780	8900.0	79	38431	No
170	GOM_NL__2PRFIN20090706_221007_000000422080_00301_38431_8515.N1	06-JUL-2009 22:10:07	Bright	42.000	73	57Gam1And	2.2600	13100.	84	38431	No
171	GOM_NL__2PRFIN20090706_221259_000000412080_00301_38431_8516.N1	06-JUL-2009 22:12:59	Twilight_stray	41.000	173	4Bet Tri	3.0040	8900.0	82	38431	No
172	GOM_NL__2PRFIN20090706_221739_000000482080_00301_38431_8517.N1	06-JUL-2009 22:17:39	Dark	48.000	50	13Alp Ari	2.0070	4250.0	96	38431	No
173	GOM_NL__2PRFIN20090706_222246_000000392080_00301_38431_8518.N1	06-JUL-2009 22:22:46	Dark	39.000	94	92Alp Cet	2.5260	3100.0	78	38431	No
174	GOM_NL__2PRFIN20090706_224252_000000512080_00302_38432_8523.N1	06-JUL-2009 22:42:52	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	38432	No
175	GOM_NL__2PRFIN20090706_224911_000000562080_00302_38432_8524.N1	06-JUL-2009 22:49:11	Straylight	55.500	63	Bet Gru	2.1500	2800.0	111	38432	No
176	GOM_NL__2PRFIN20090706_225101_000000492080_00302_38432_8525.N1	06-JUL-2009 22:51:01	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	38432	No
177	GOM_NL__2PRFIN20090706_225406_000000552080_00302_38432_8526.N1	06-JUL-2009 22:54:06	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	38432	No
178	GOM_NL__2PRFIN20090706_231617_000000442080_00302_38432_8527.N1	06-JUL-2009 23:16:17	Bright	44.000	168	17Zet Aql	2.9860	11000.	88	38432	No
179	GOM_NL__2PRFIN20090706_232320_000000412080_00302_38432_8528.N1	06-JUL-2009 23:23:20	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	38432	No
180	GOM_NL__2PRFIN20090706_232719_000000462080_00302_38432_8529.N1	06-JUL-2009 23:27:19	Bright	45.500	144	18Del Cyg	2.8600	11000.	91	38432	No
181	GOM_NL__2PRFIN20090706_233431_000000452080_00302_38432_8530.N1	06-JUL-2009 23:34:31	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	38432	No
182	GOM_NL__2PRFIN20090706_234201_000000572080_00302_38432_8531.N1	06-JUL-2009 23:42:01	Bright	57.000	74	11Bet Cas	2.2680	6600.0	114	38432	No
183	GOM_NL__2PRFIN20090706_234354_000000392080_00302_38432_8532.N1	06-JUL-2009 23:43:54	Bright	38.500	110	37Del Cas	2.6780	8900.0	77	38432	No
184	GOM_NL__2PRFIN20090706_235043_000000422080_00302_38432_8533.N1	06-JUL-2009 23:50:43	Bright	42.000	73	57Gam1And	2.2600	13100.	84	38432	No
185	GOM_NL__2PRFIN20090706_235815_000000482080_00302_38432_8534.N1	06-JUL-2009 23:58:15	Dark	47.500	50	13Alp Ari	2.0070	4250.0	95	38432	No

3. Quality information per product

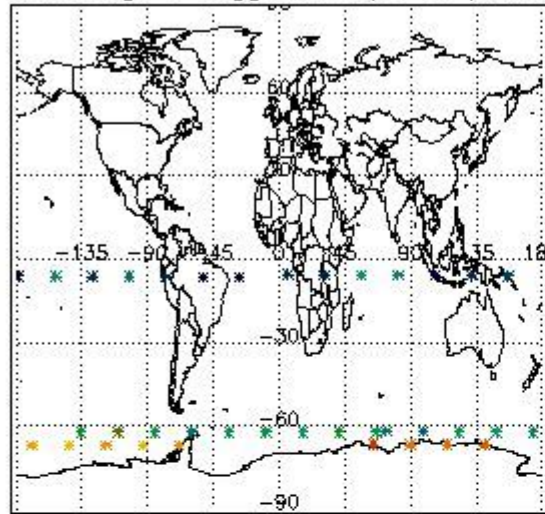
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

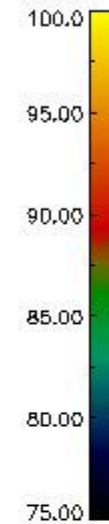
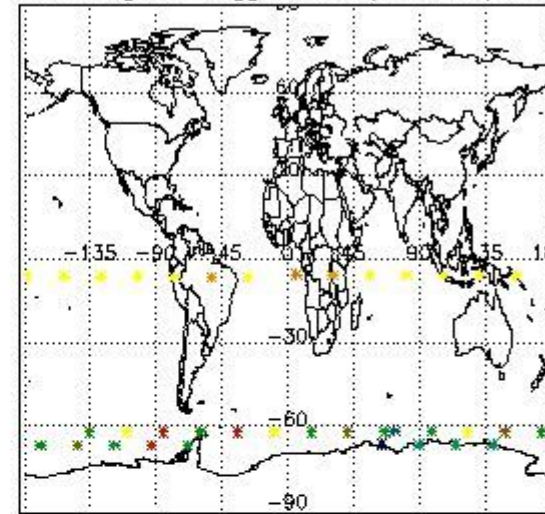


3.2 Plot quality information per product (world map)

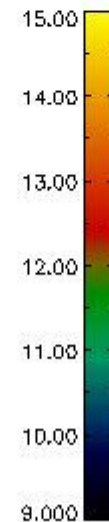
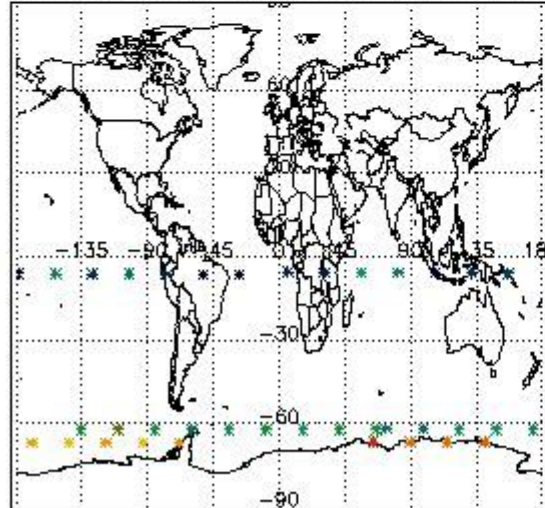
Percentage of flagged data per O3 profile



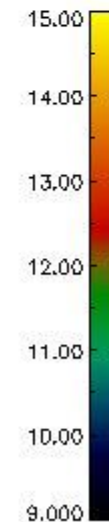
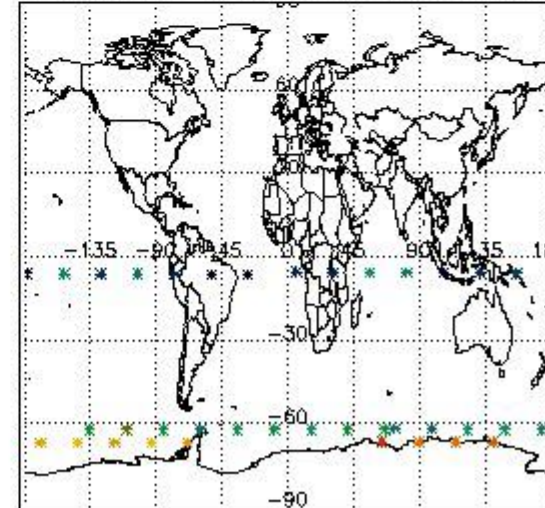
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

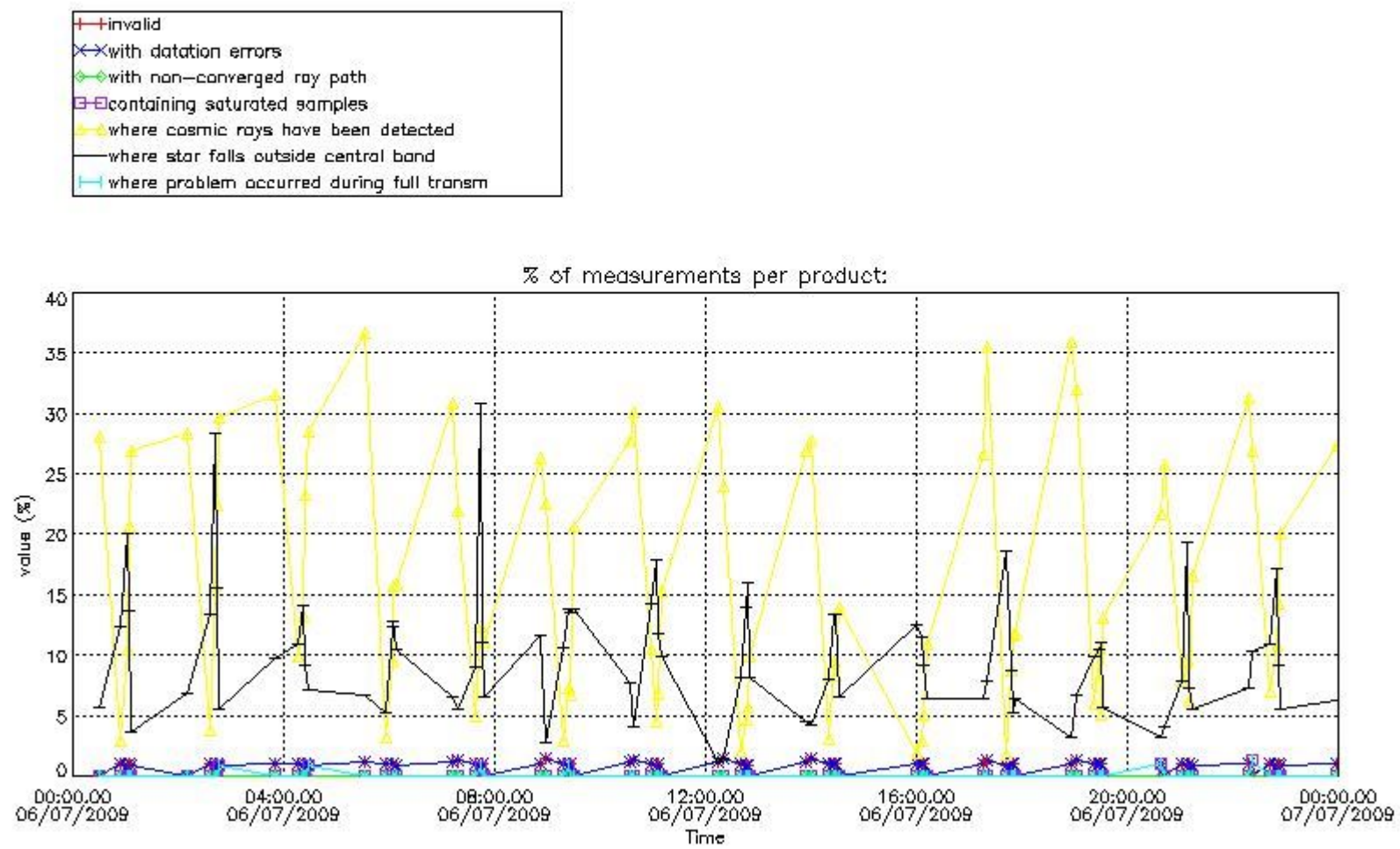


4. Level 1 quality information per product

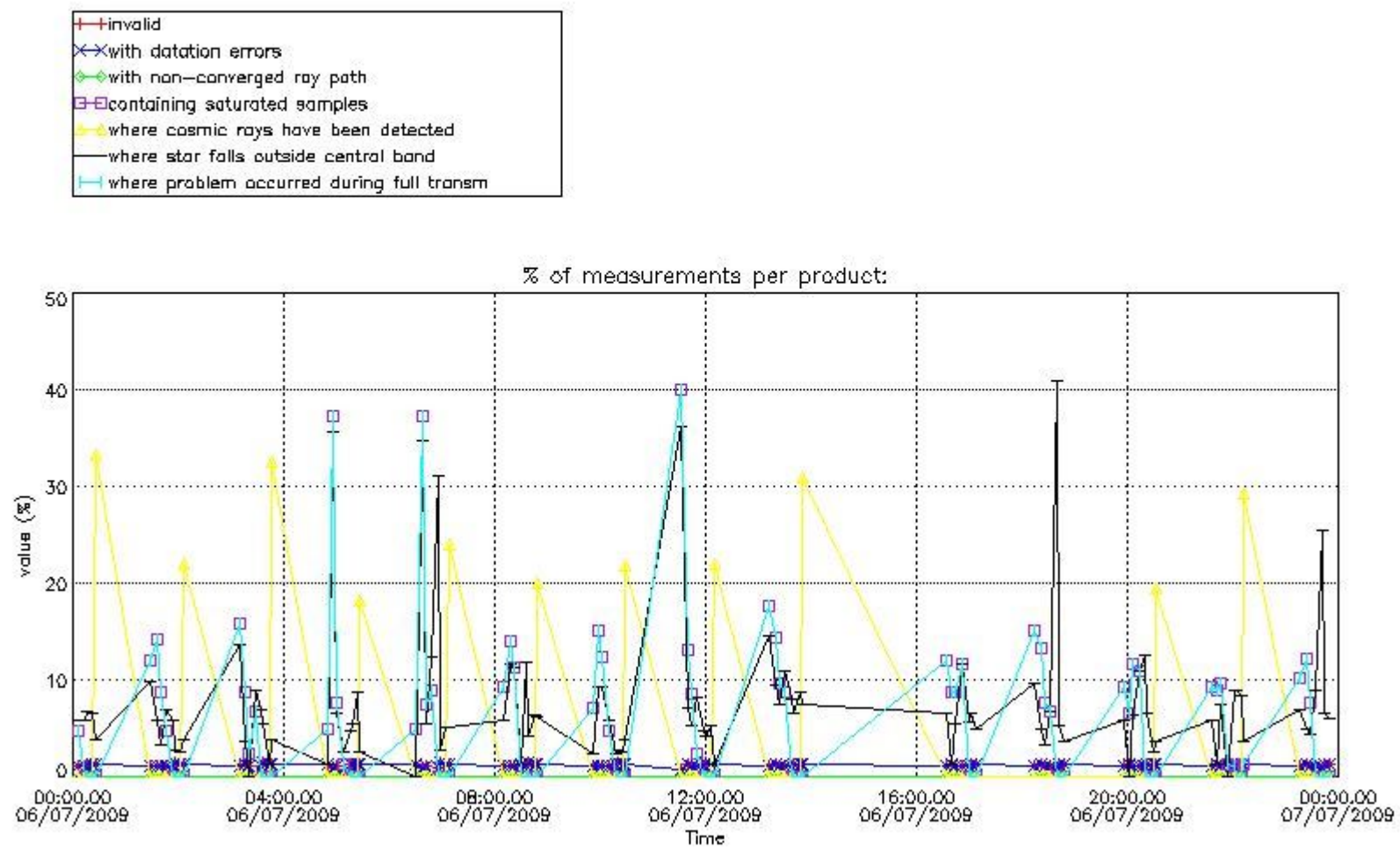
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



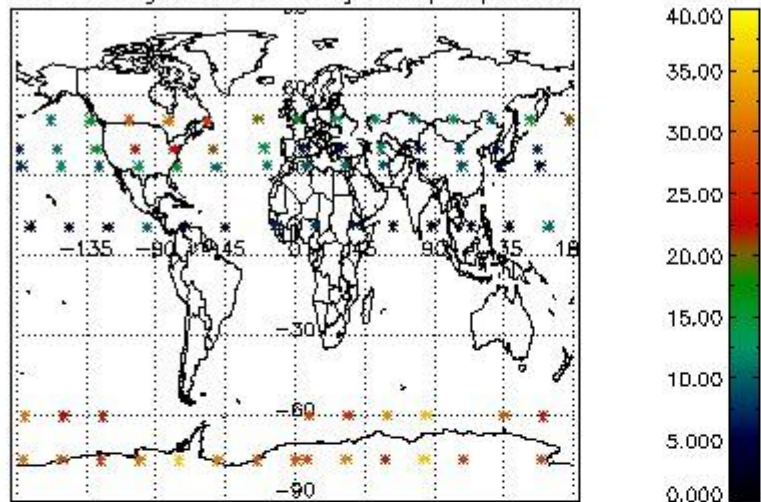
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



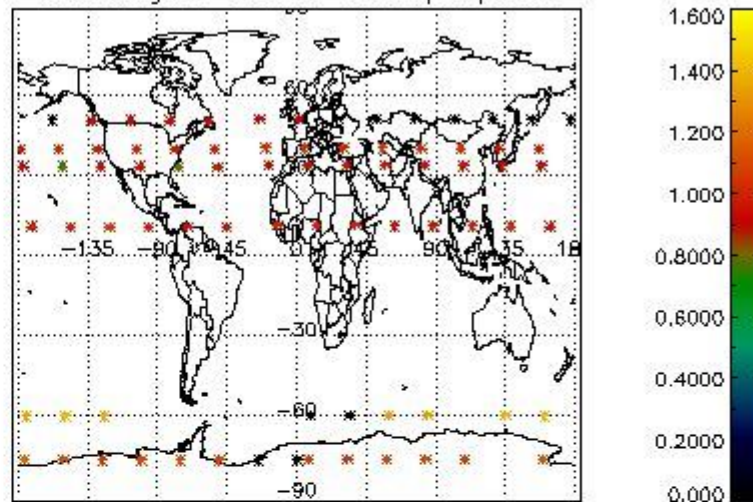
4.2 Plot quality information per product coming from level 1b processing (world map)

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

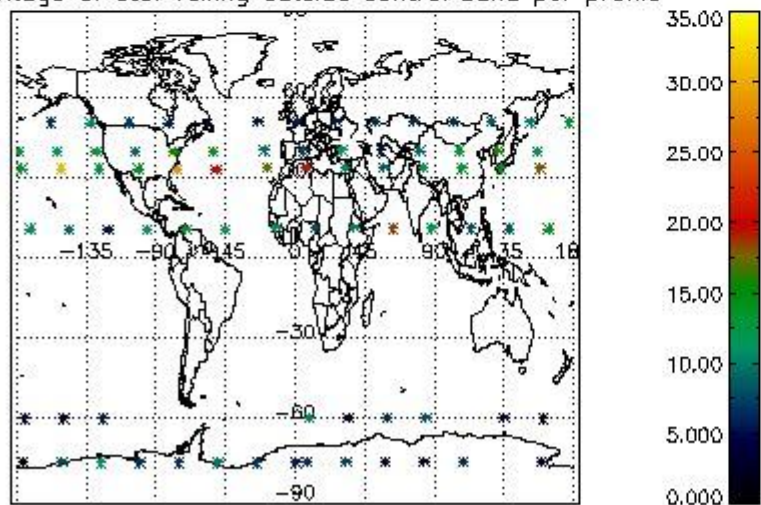
Percentage of cosmic ray hits per profile



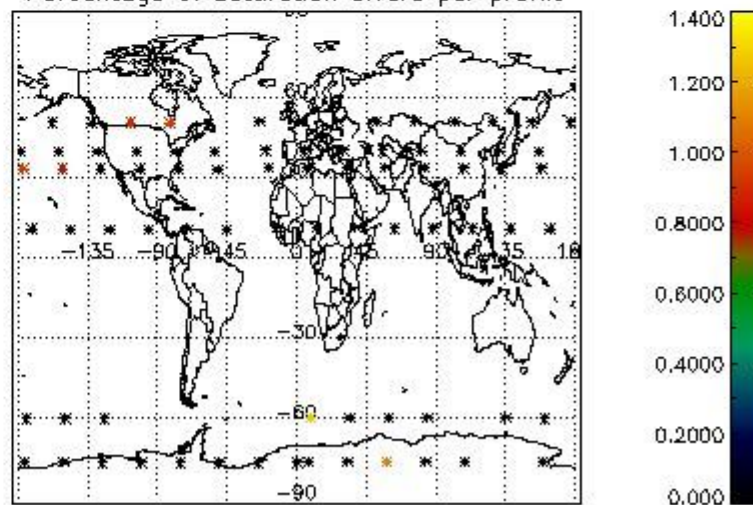
Percentage of datation errors per profile



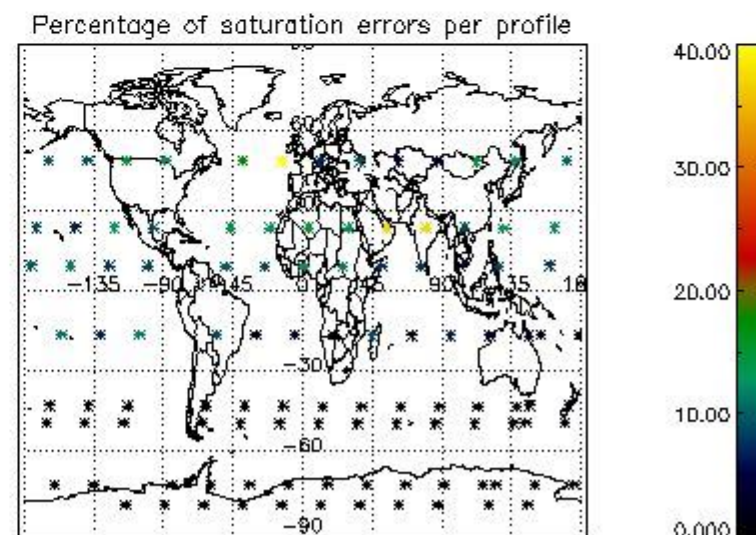
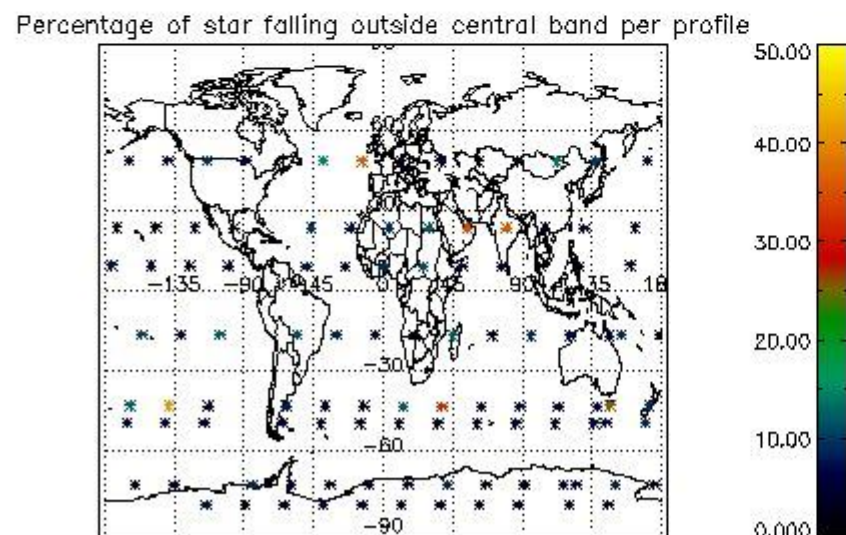
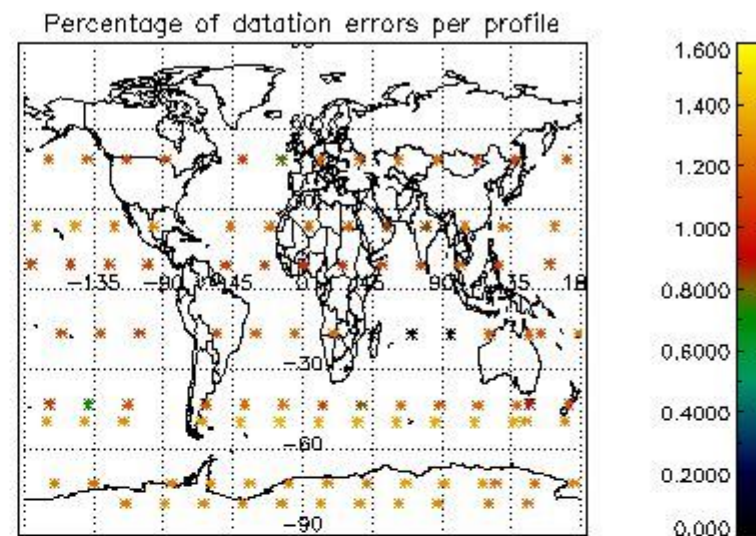
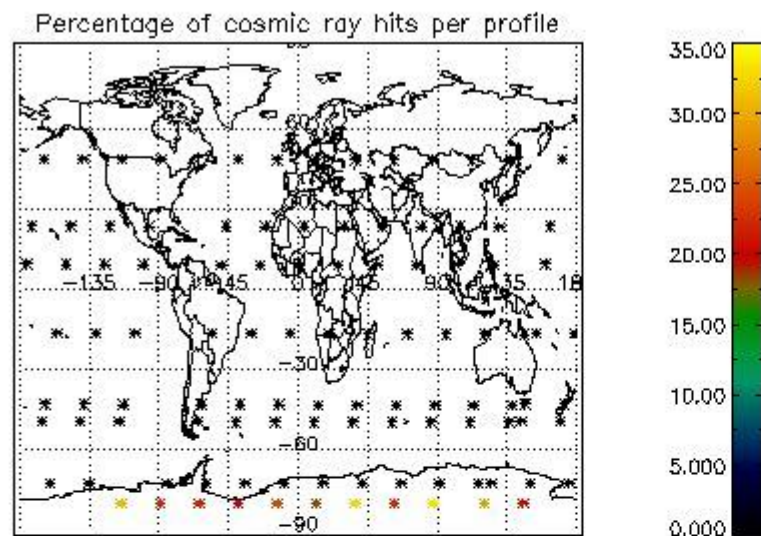
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

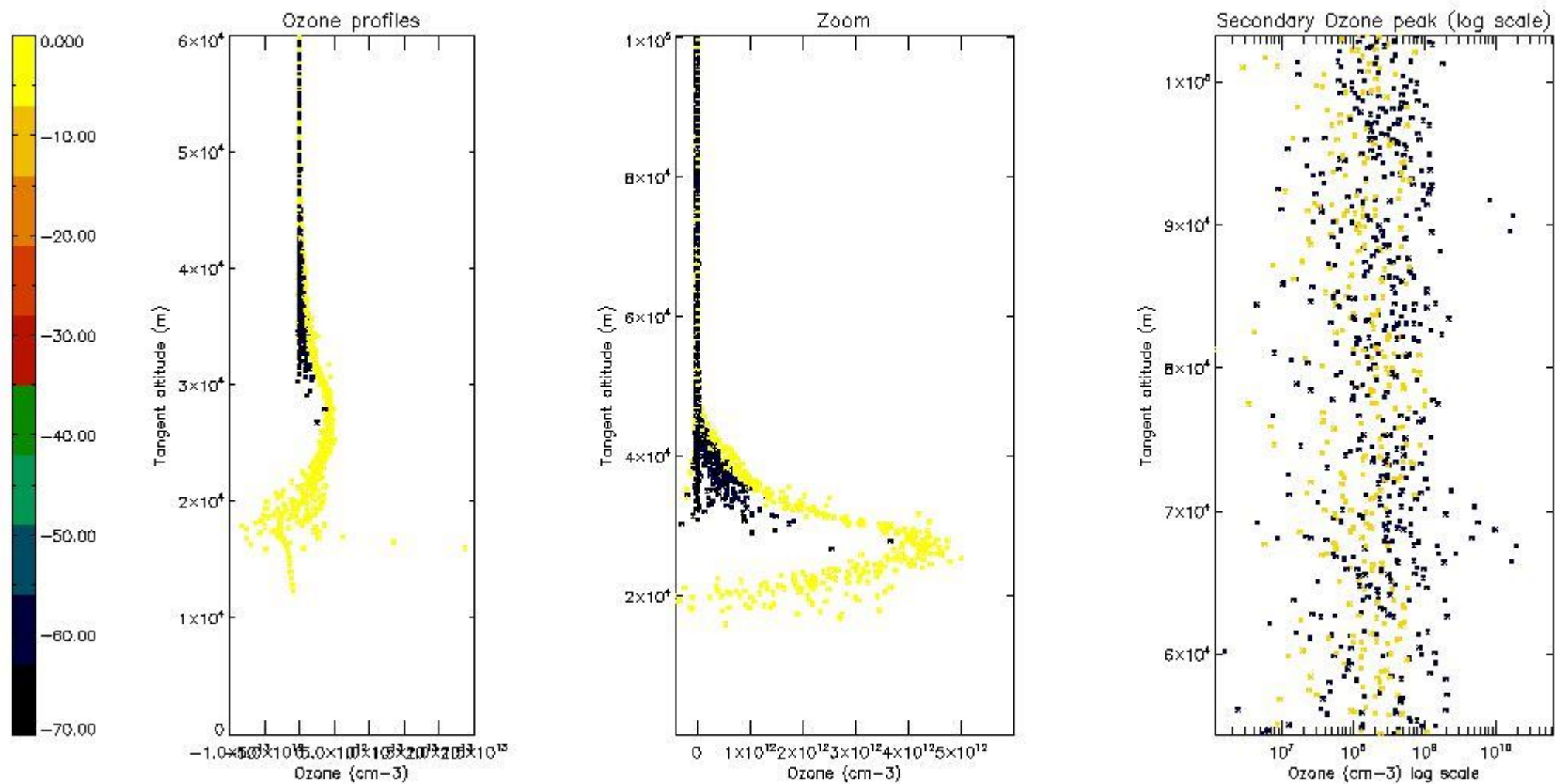
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	20
STD < 20	3

STD < 10	1
STD < 5	0

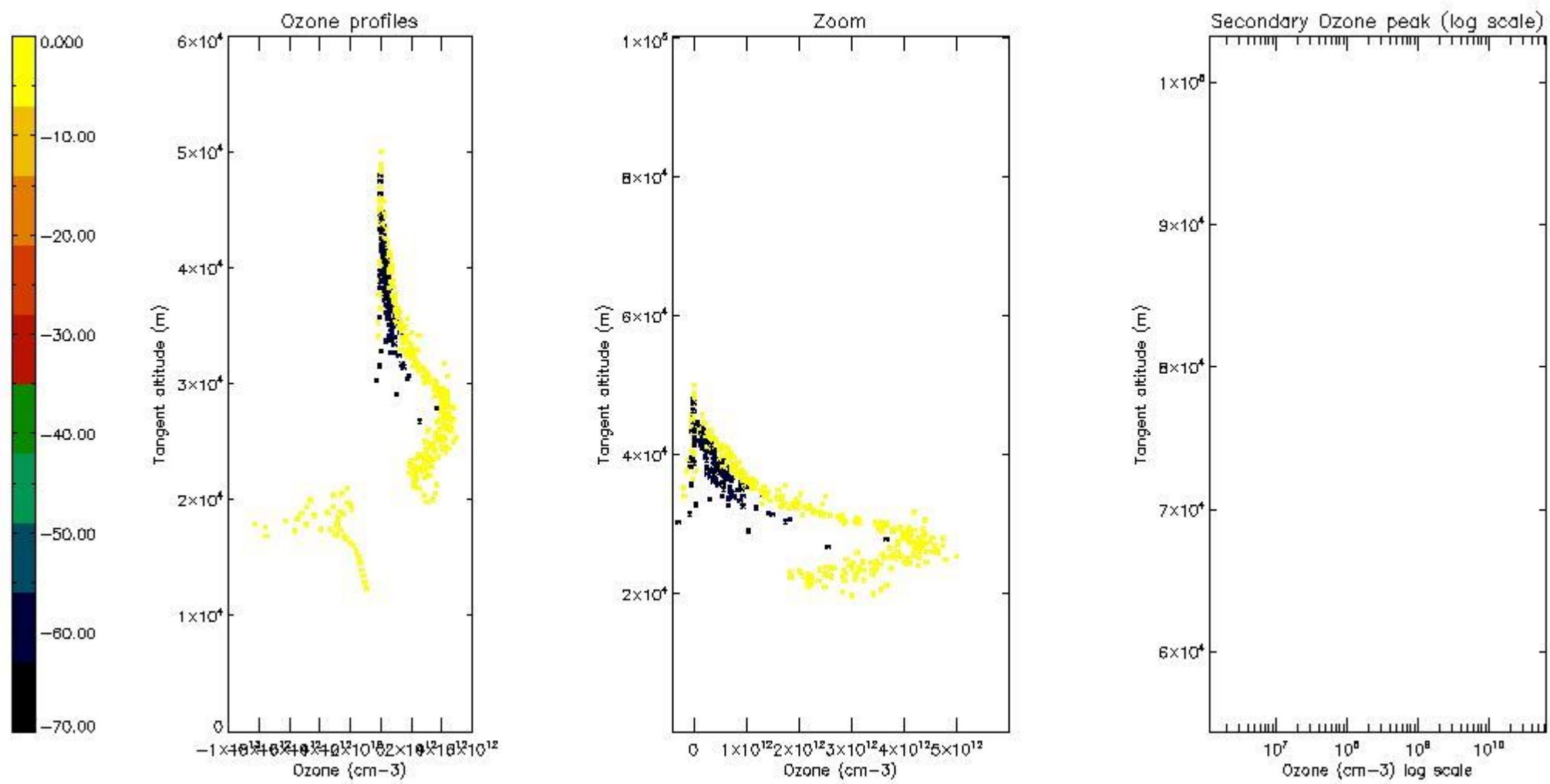
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



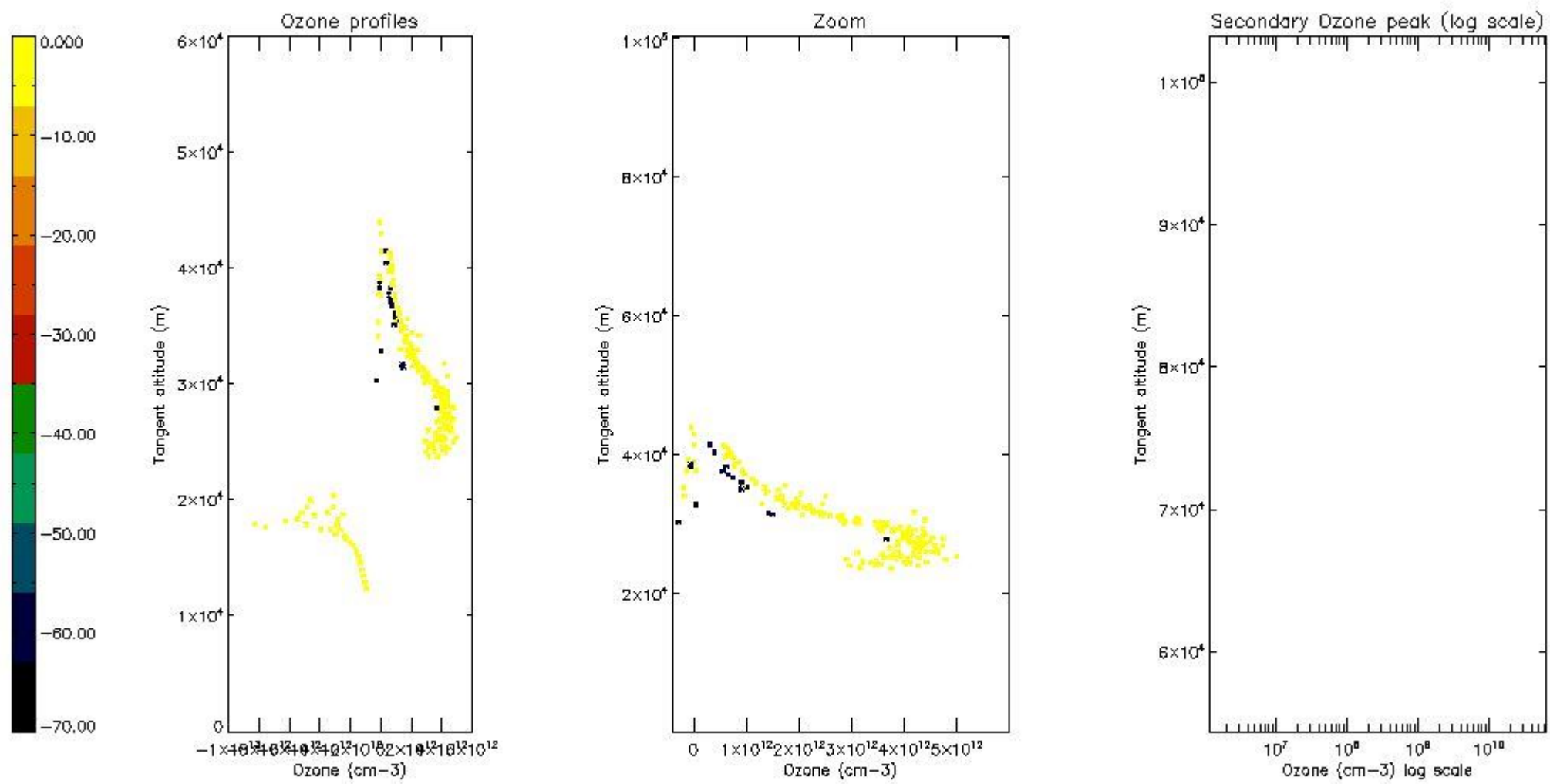
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



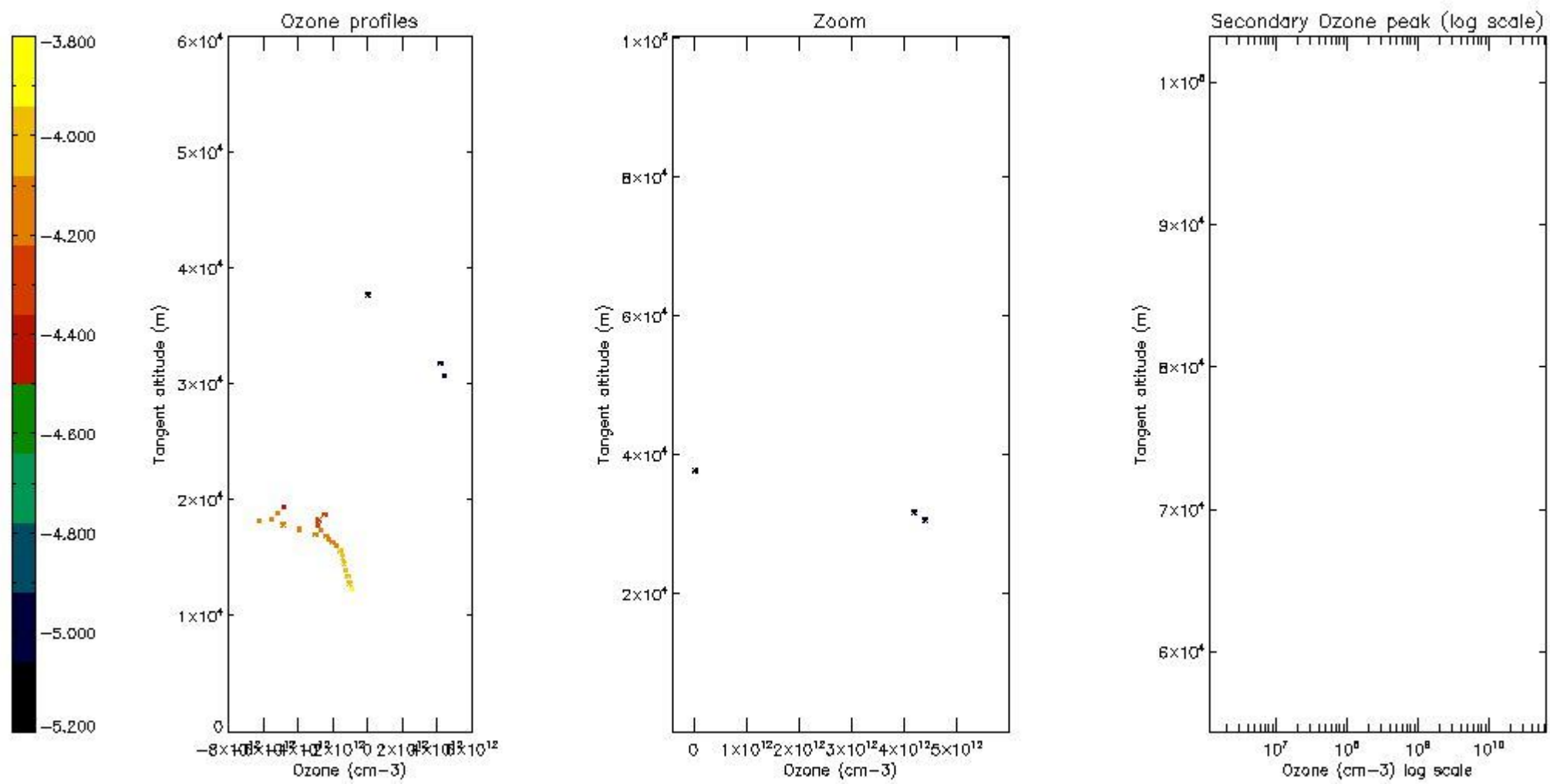
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



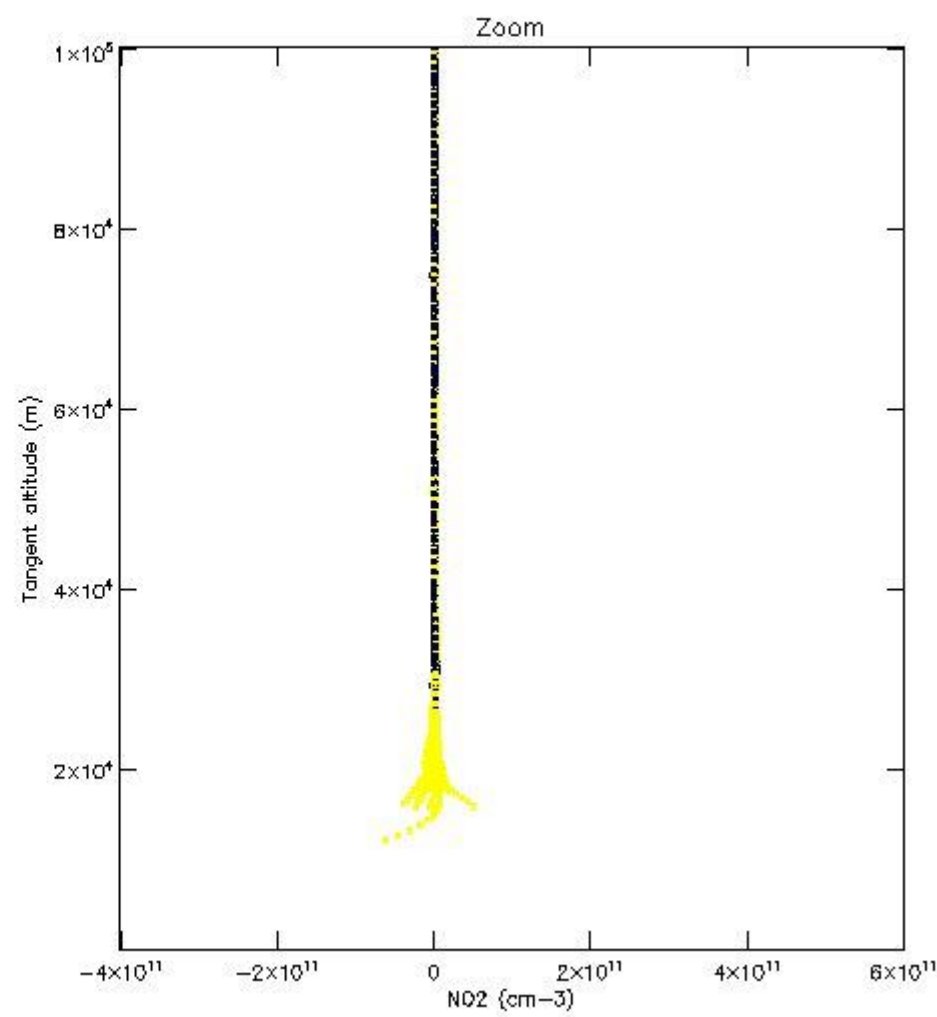
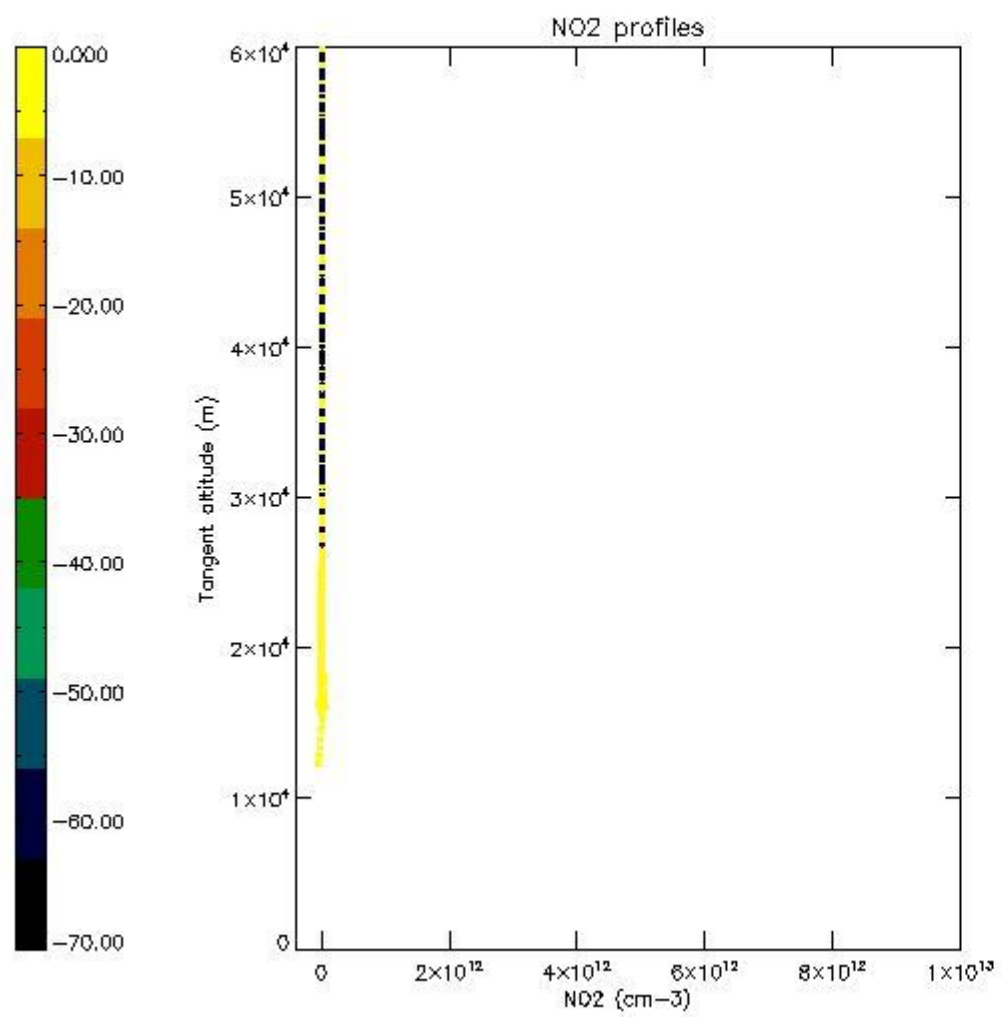
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



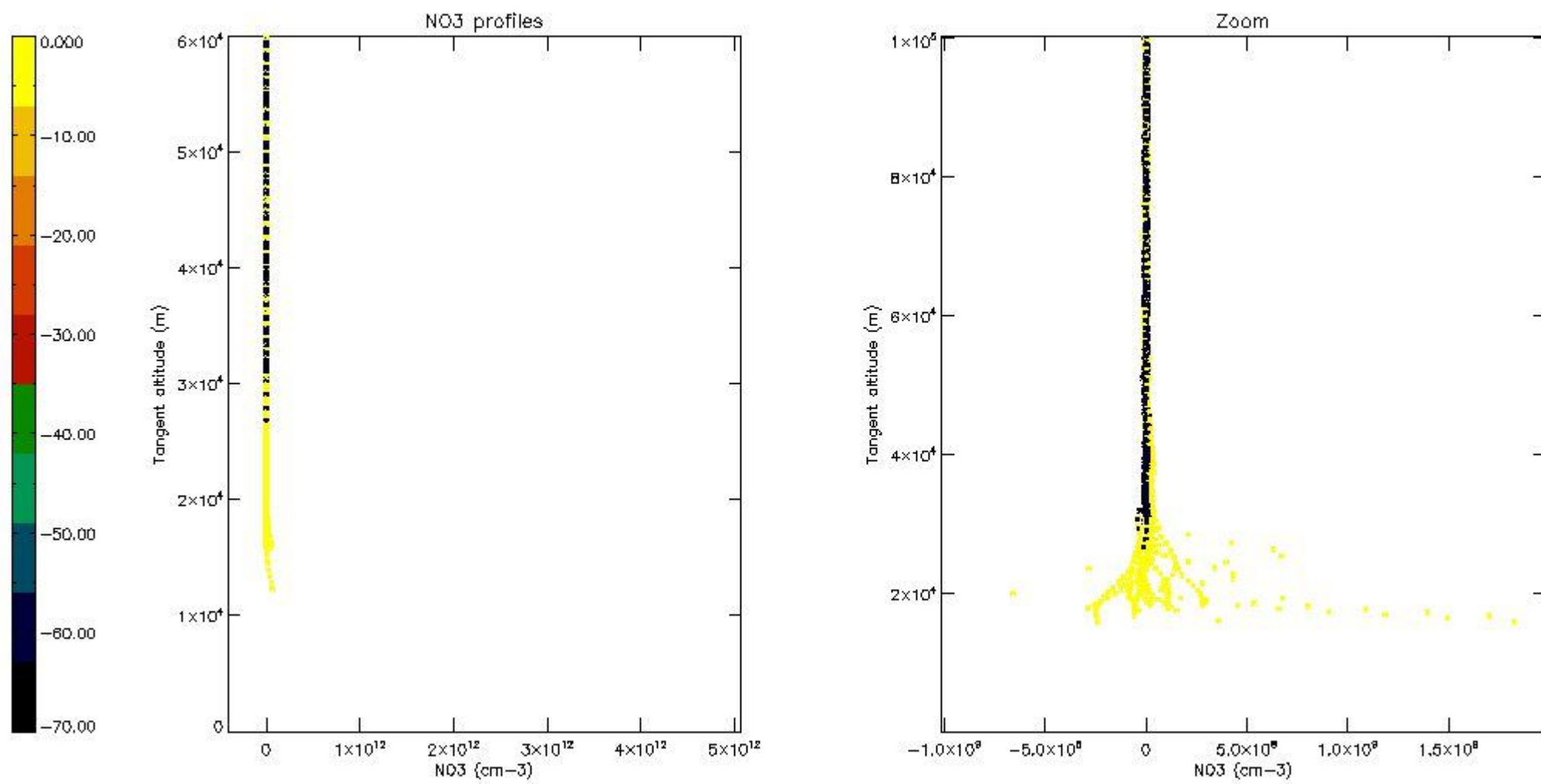
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



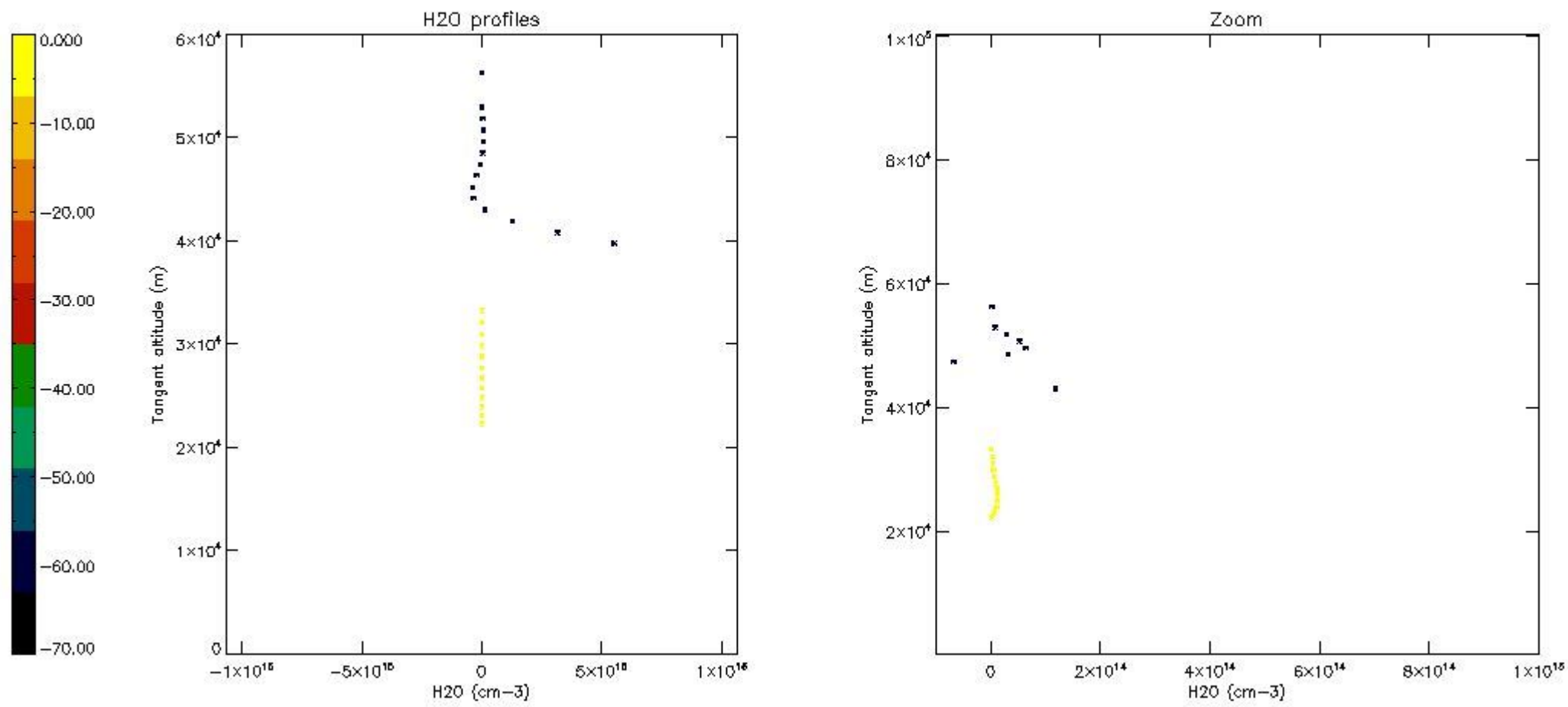
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

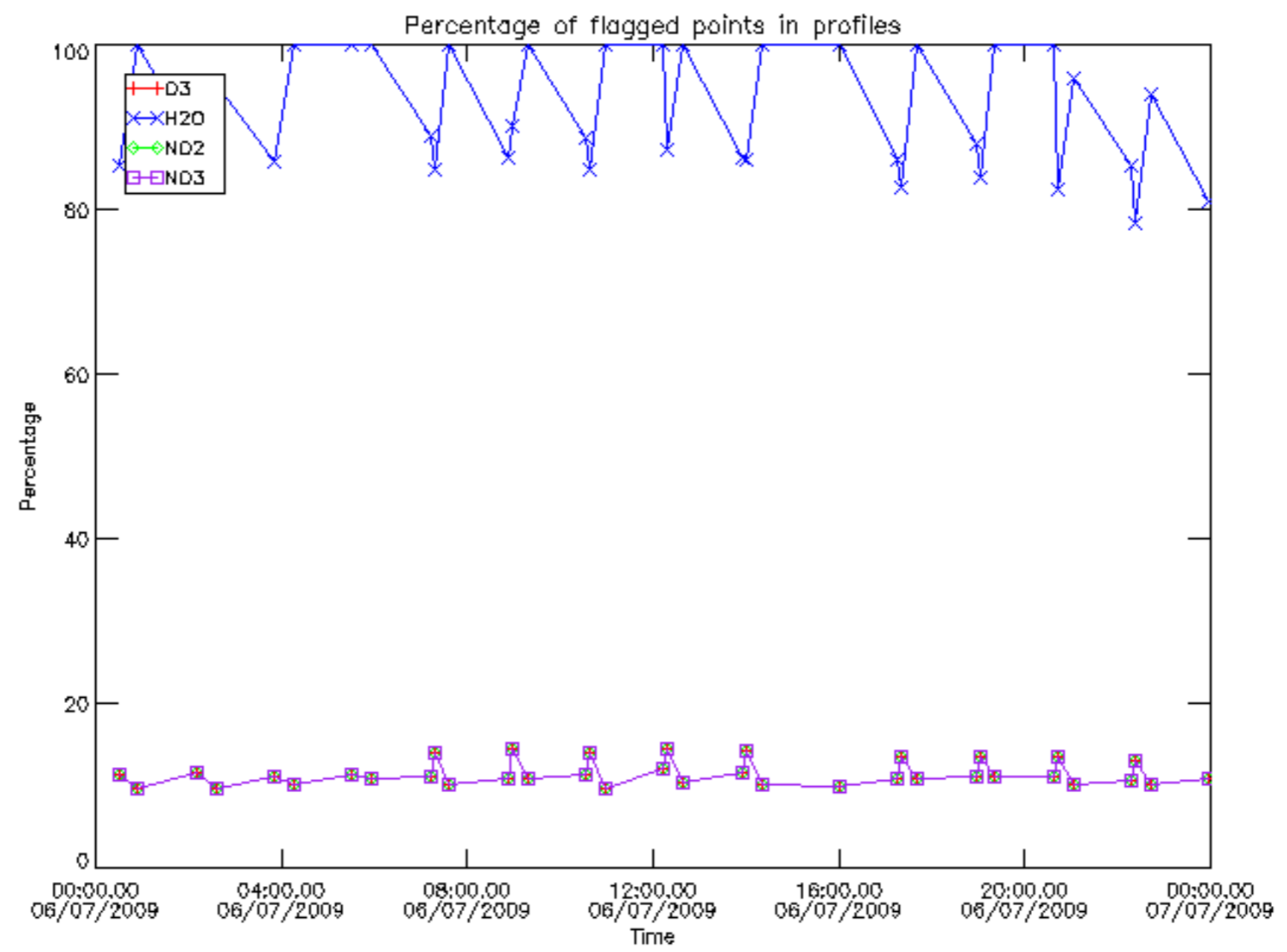
The colorbar represents the latitude.



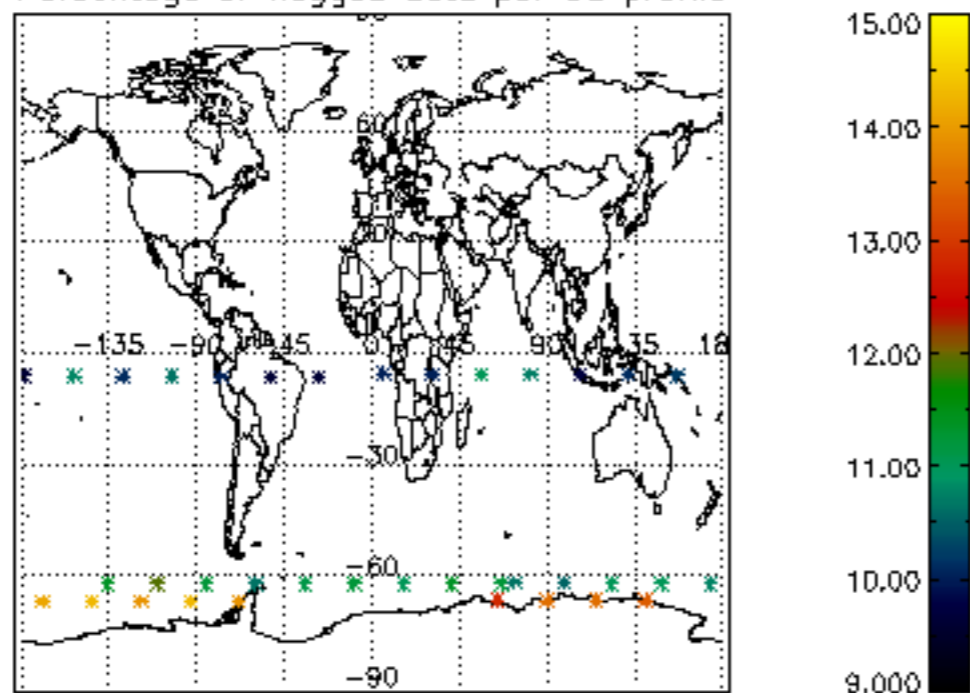
6. Auxiliary Data Files used for the production reported in section 2

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.

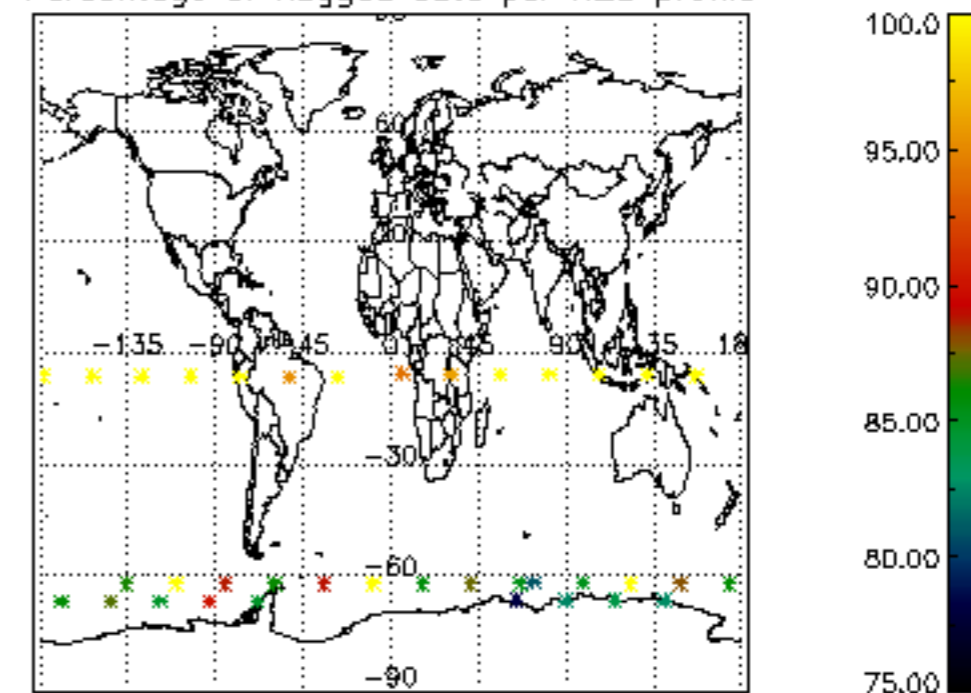
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	06-JUL-2009 00:06:18
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	06-JUL-2009 00:06:18
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	06-JUL-2009 00:06:18



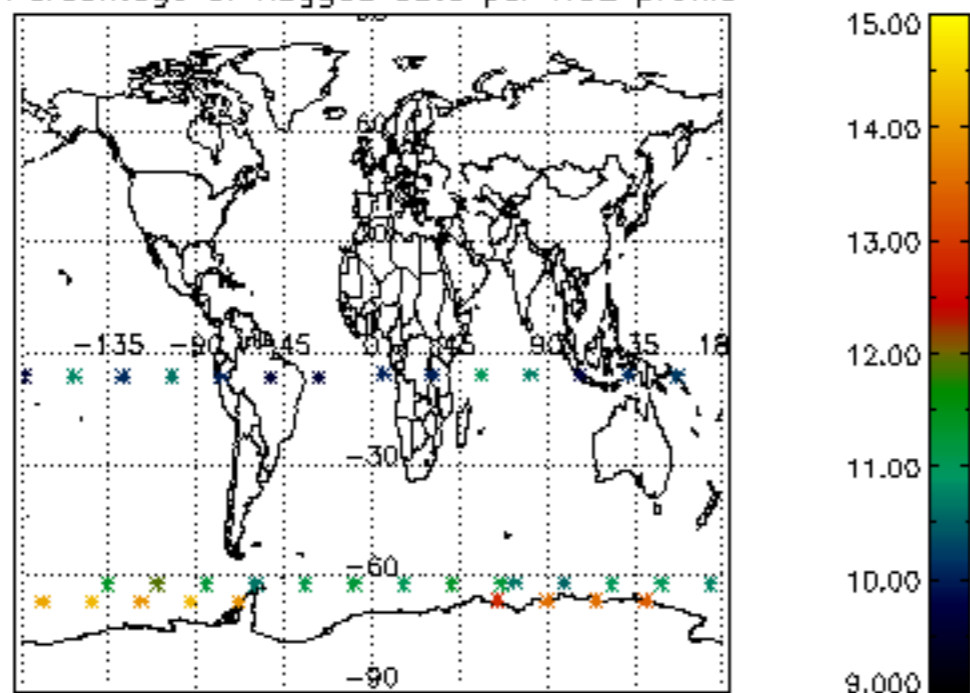
Percentage of flagged data per D3 profile



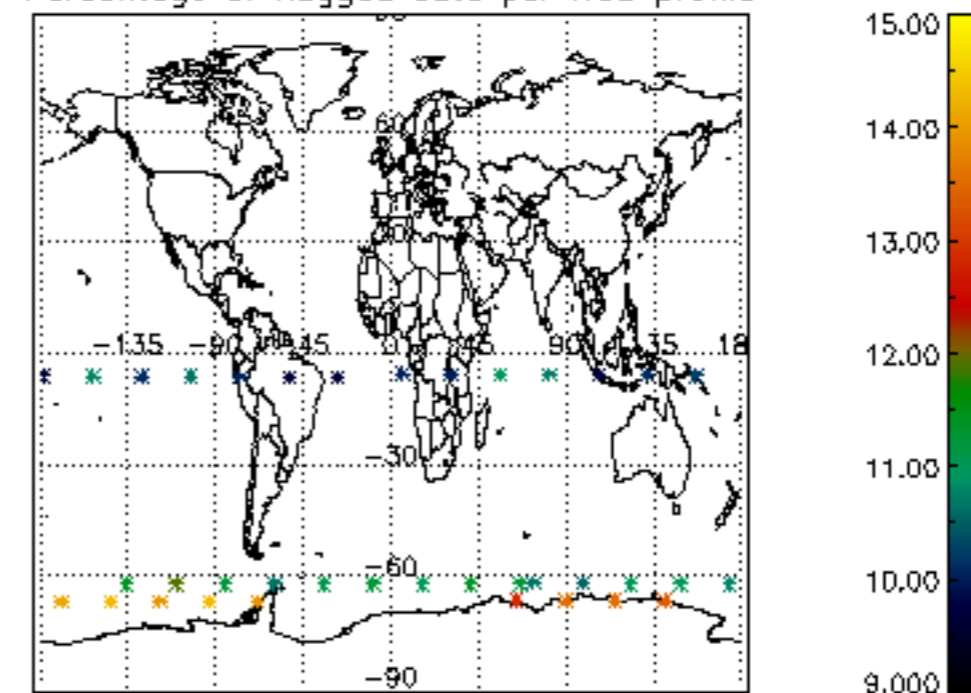
Percentage of flagged data per H2O profile

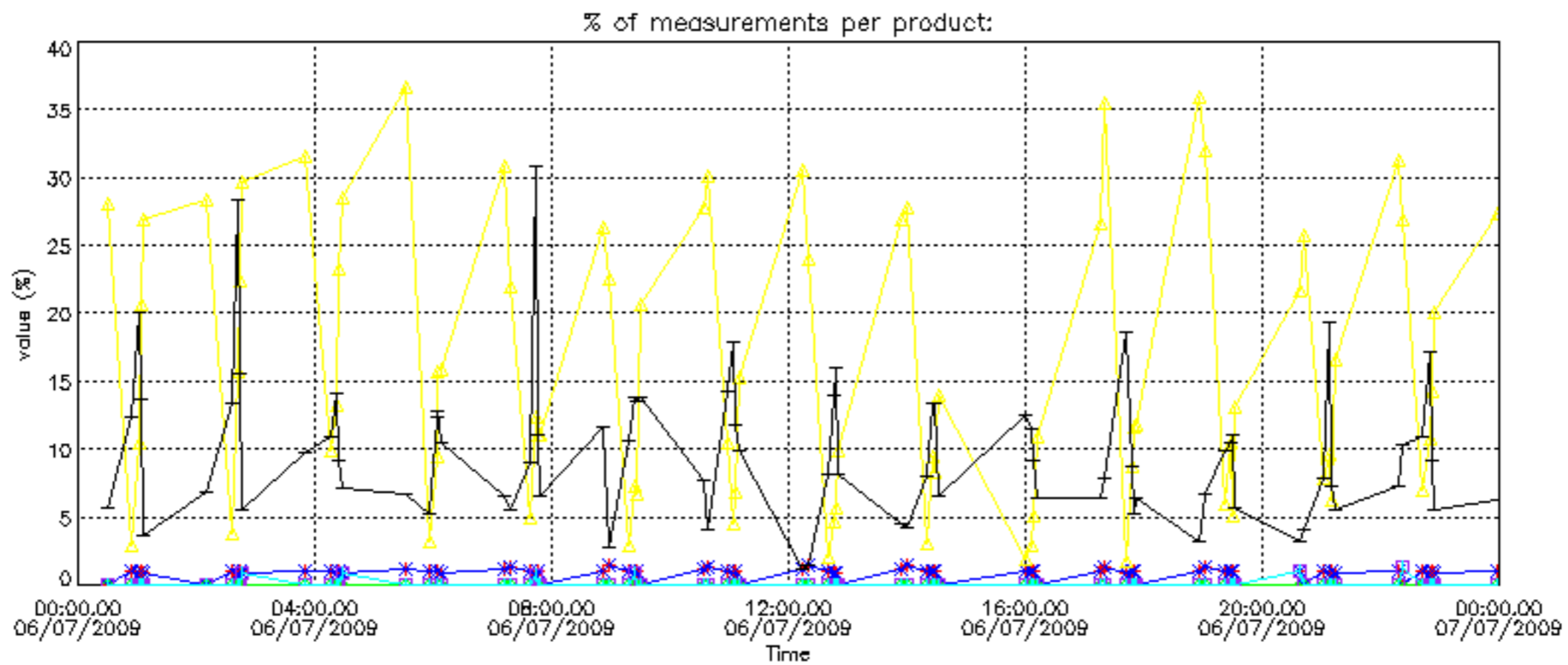


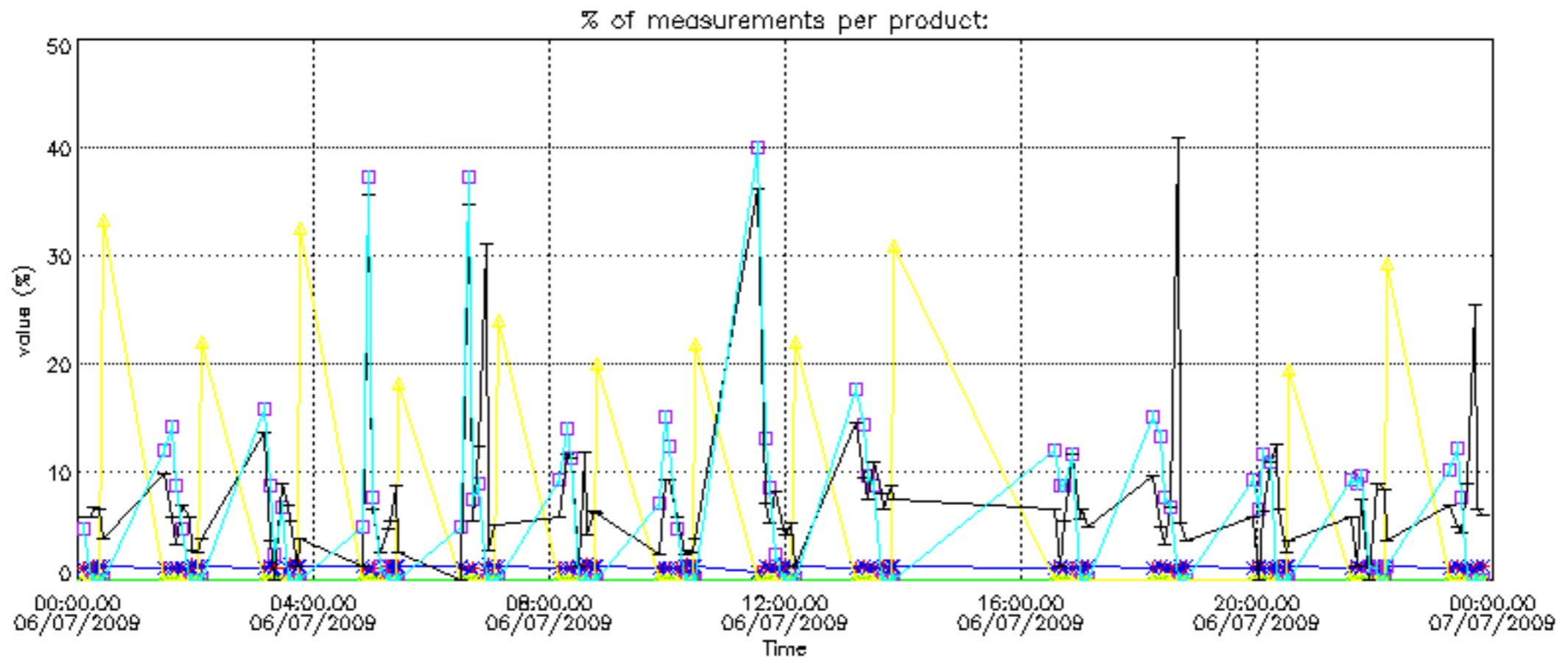
Percentage of flagged data per NO2 profile



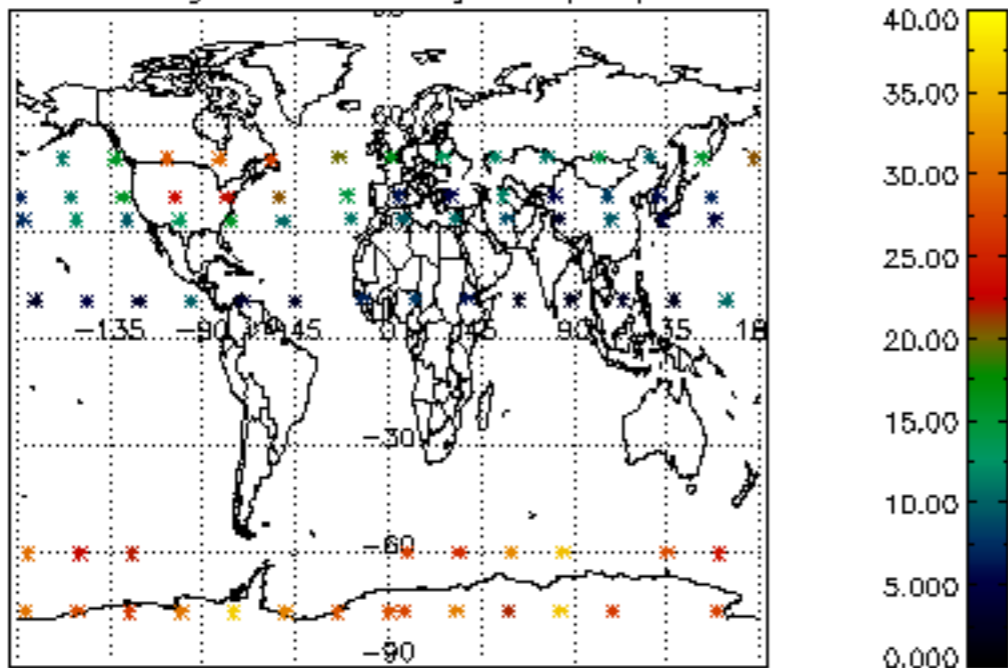
Percentage of flagged data per NO3 profile



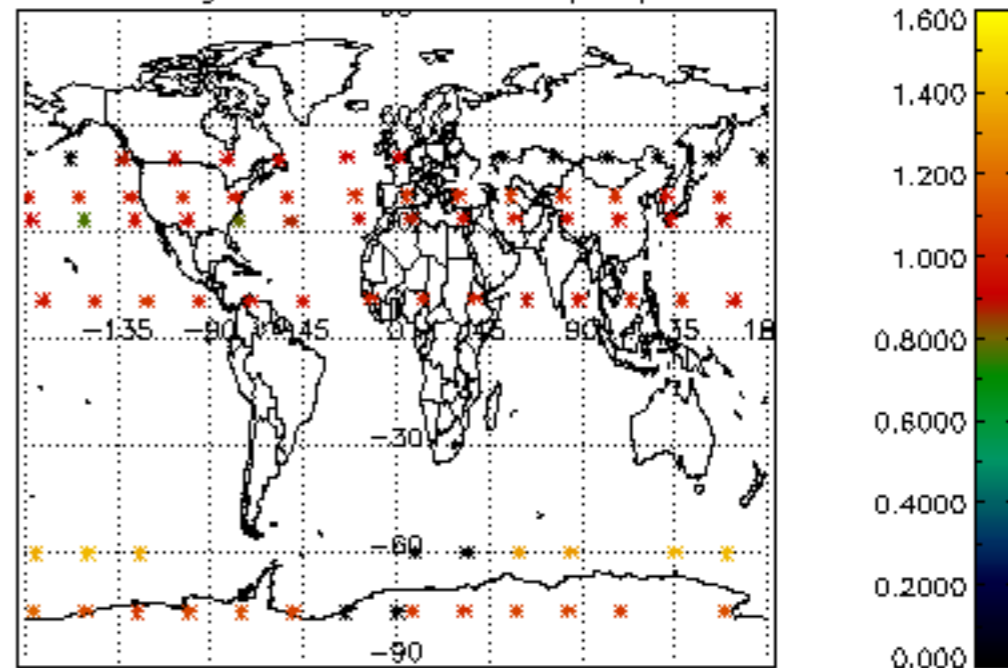




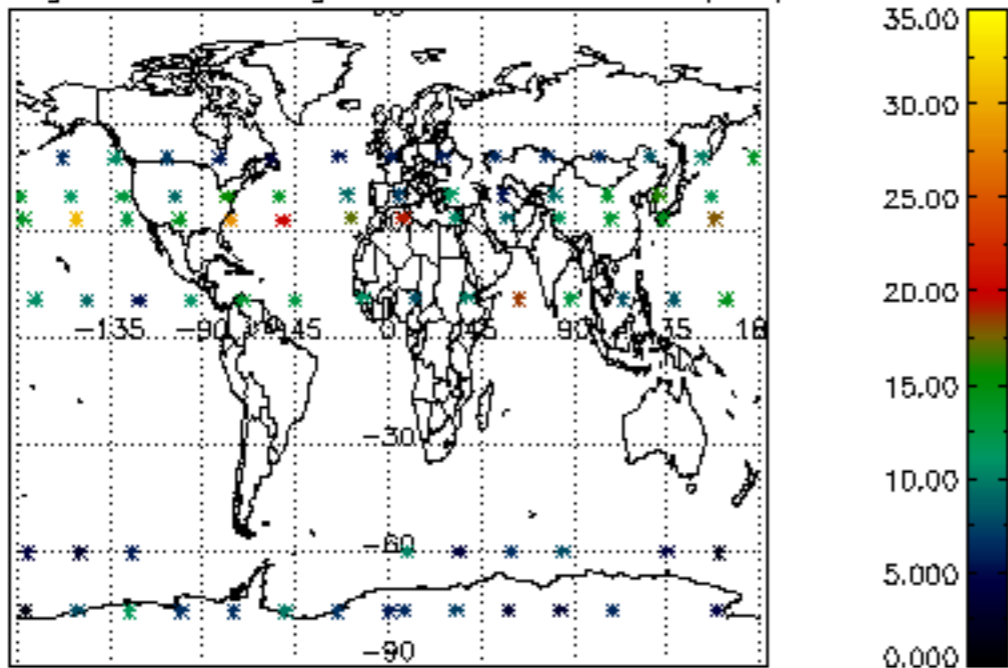
Percentage of cosmic ray hits per profile



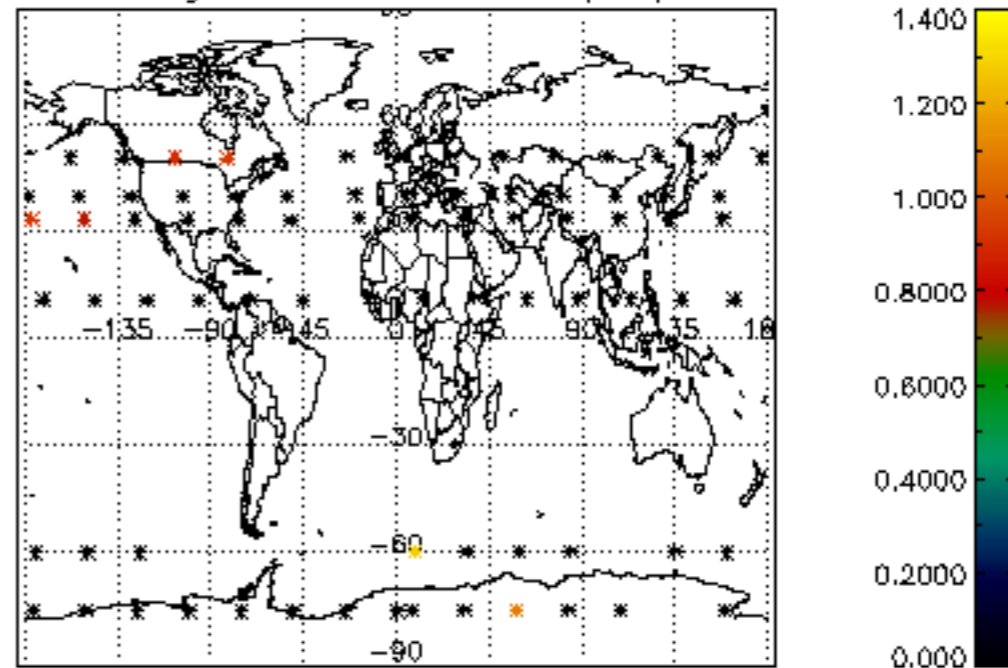
Percentage of datation errors per profile



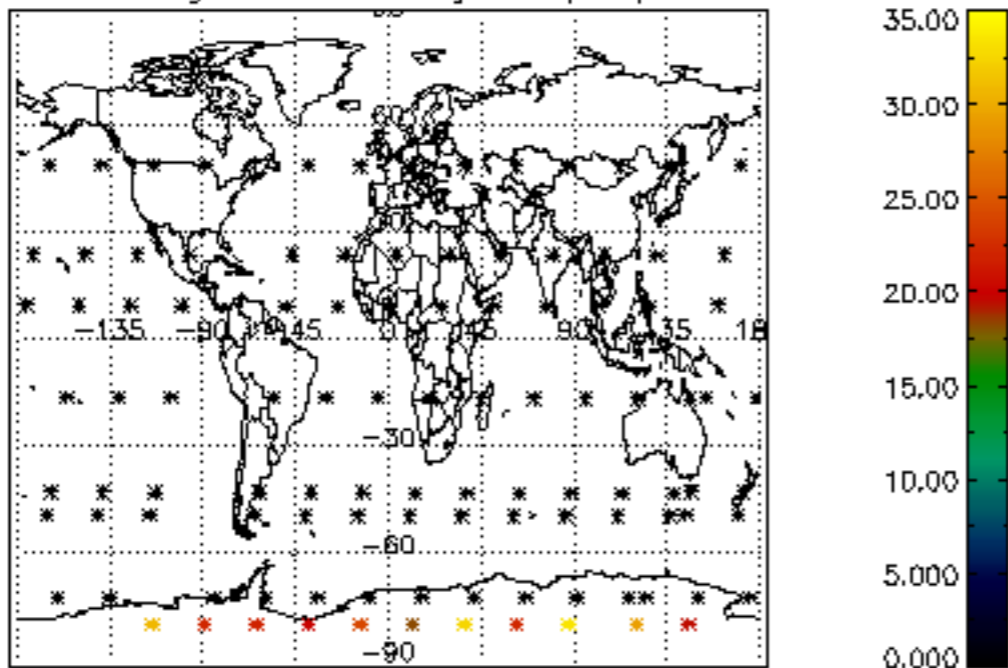
Percentage of star falling outside central band per profile



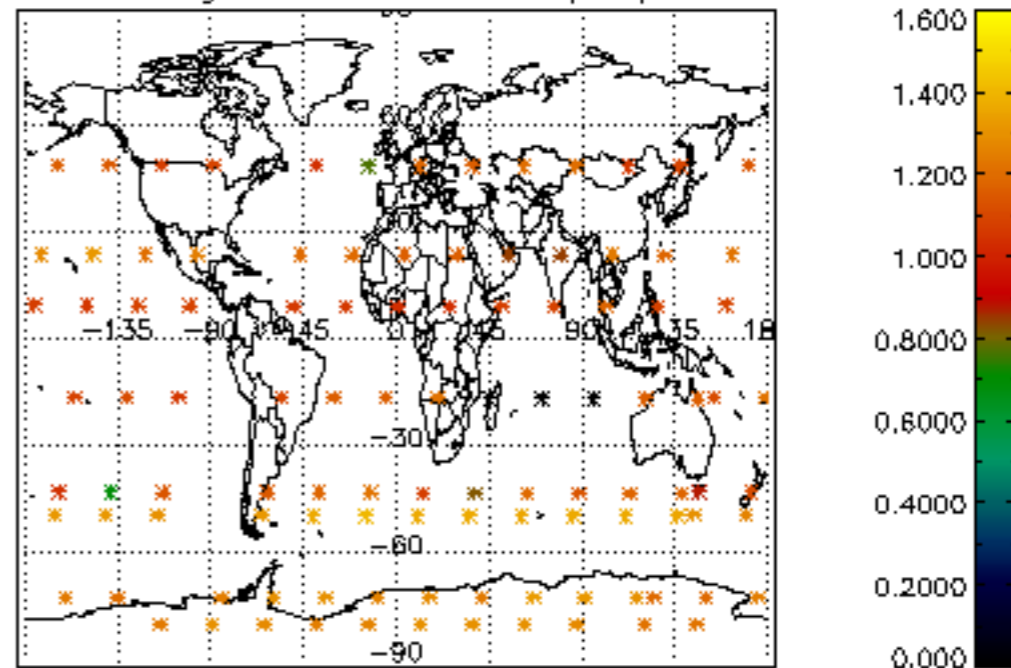
Percentage of saturation errors per profile



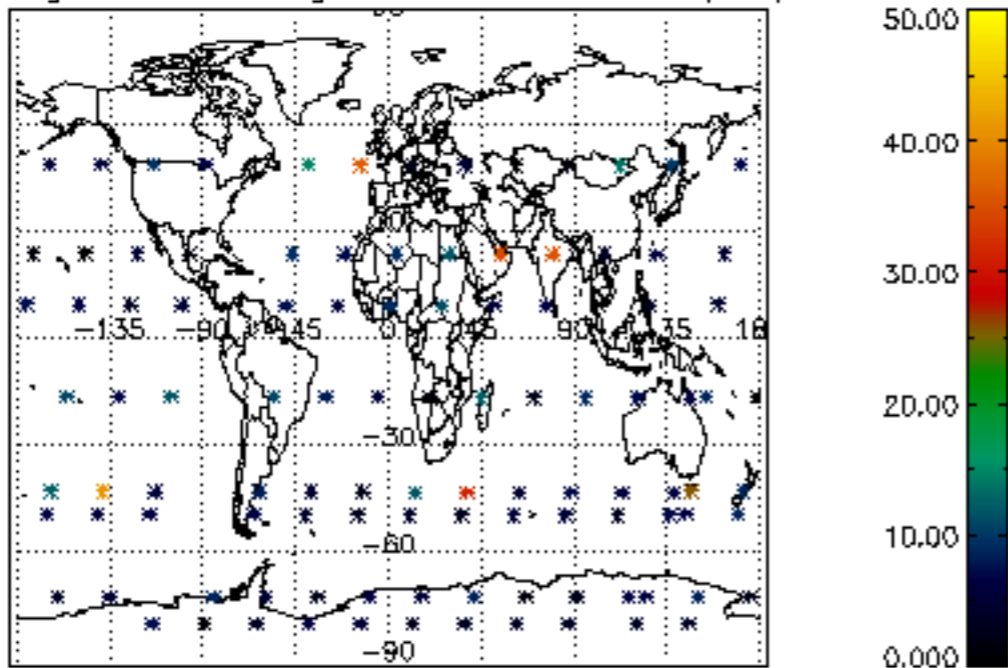
Percentage of cosmic ray hits per profile



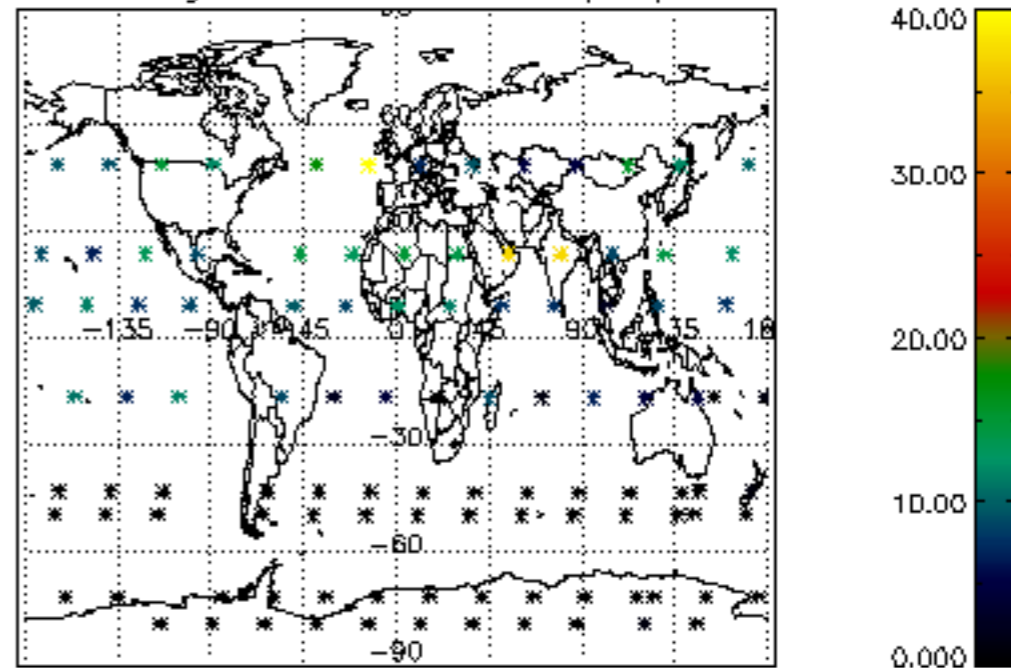
Percentage of datation errors per profile

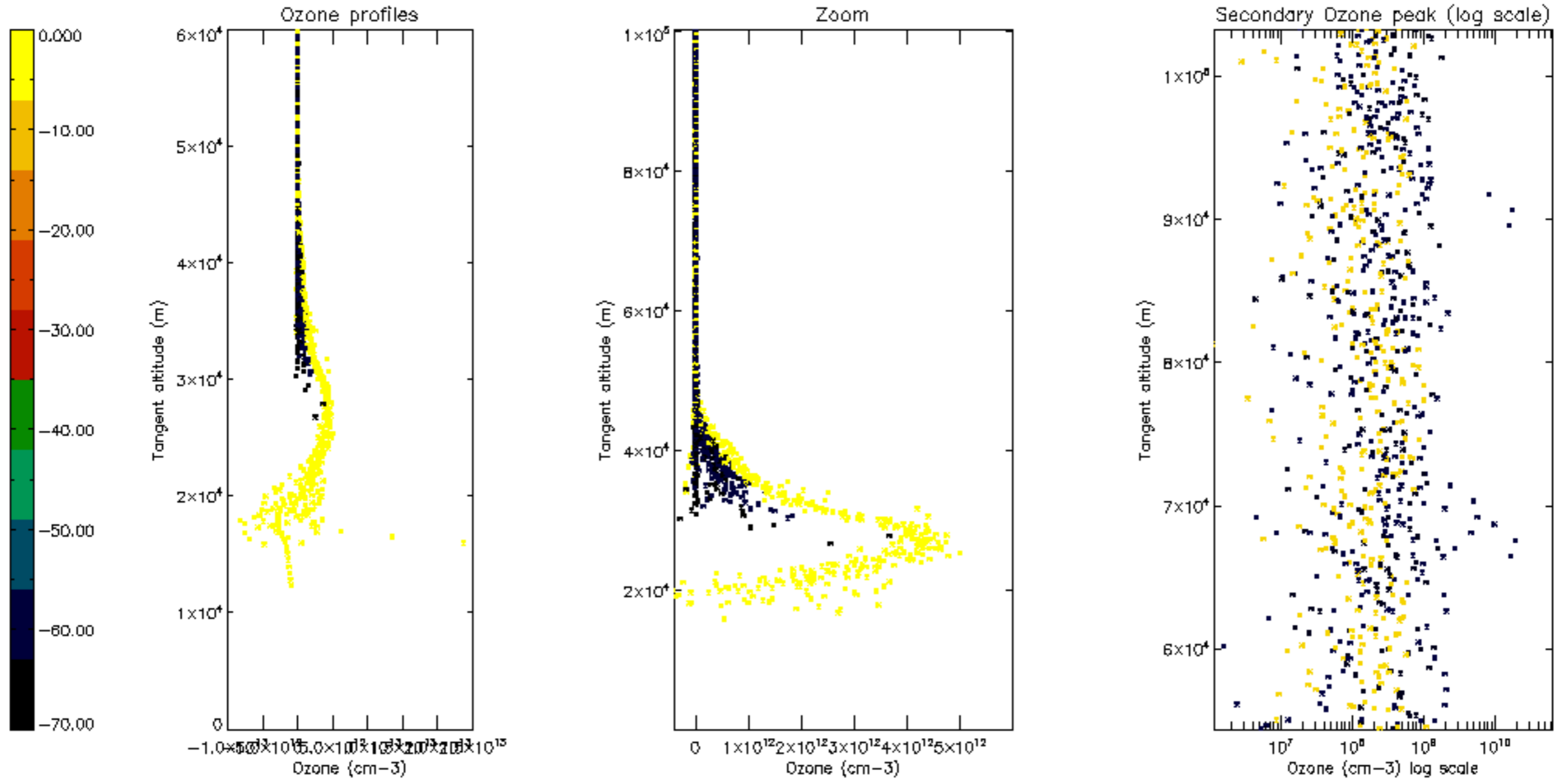


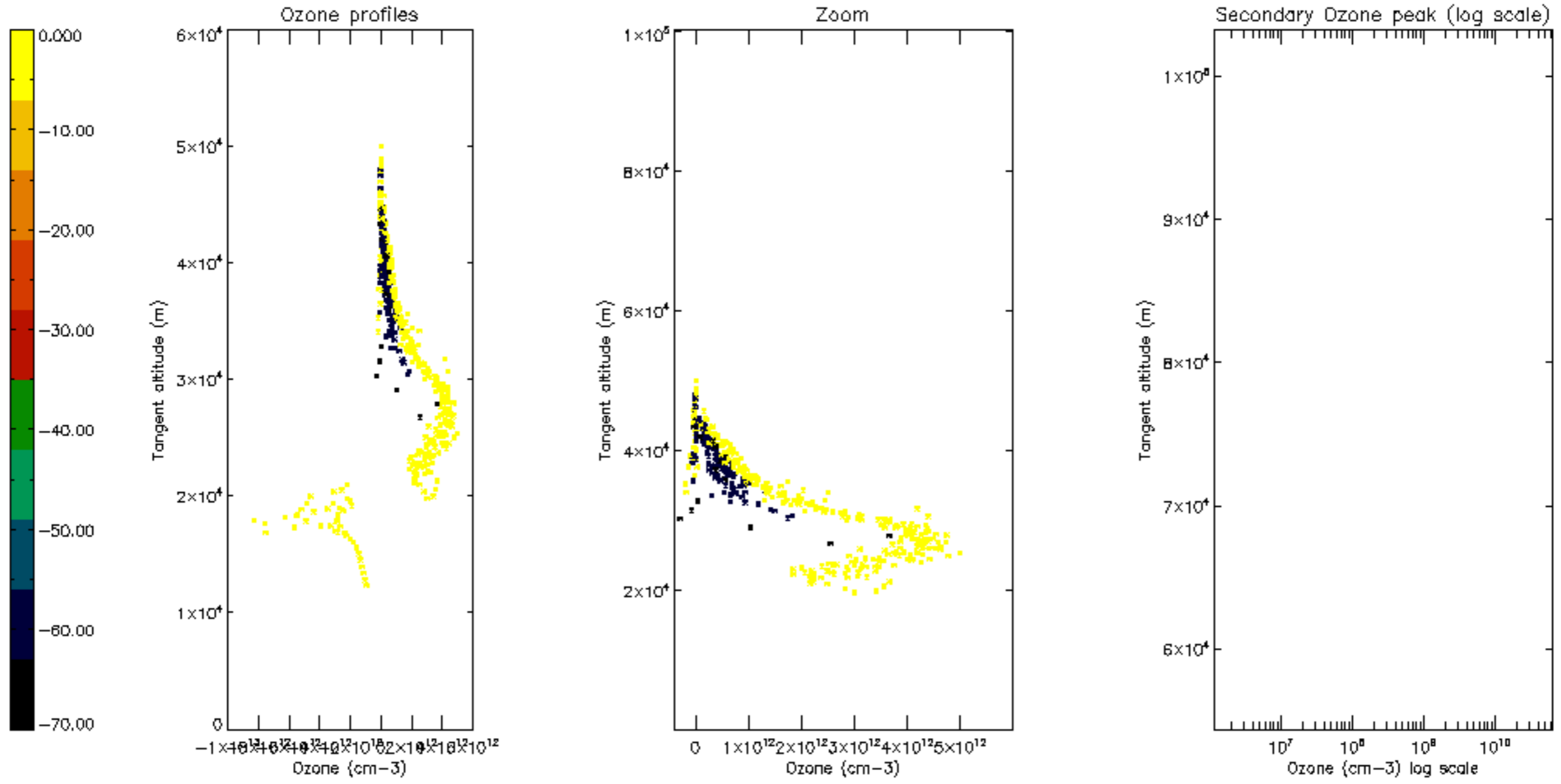
Percentage of star falling outside central band per profile

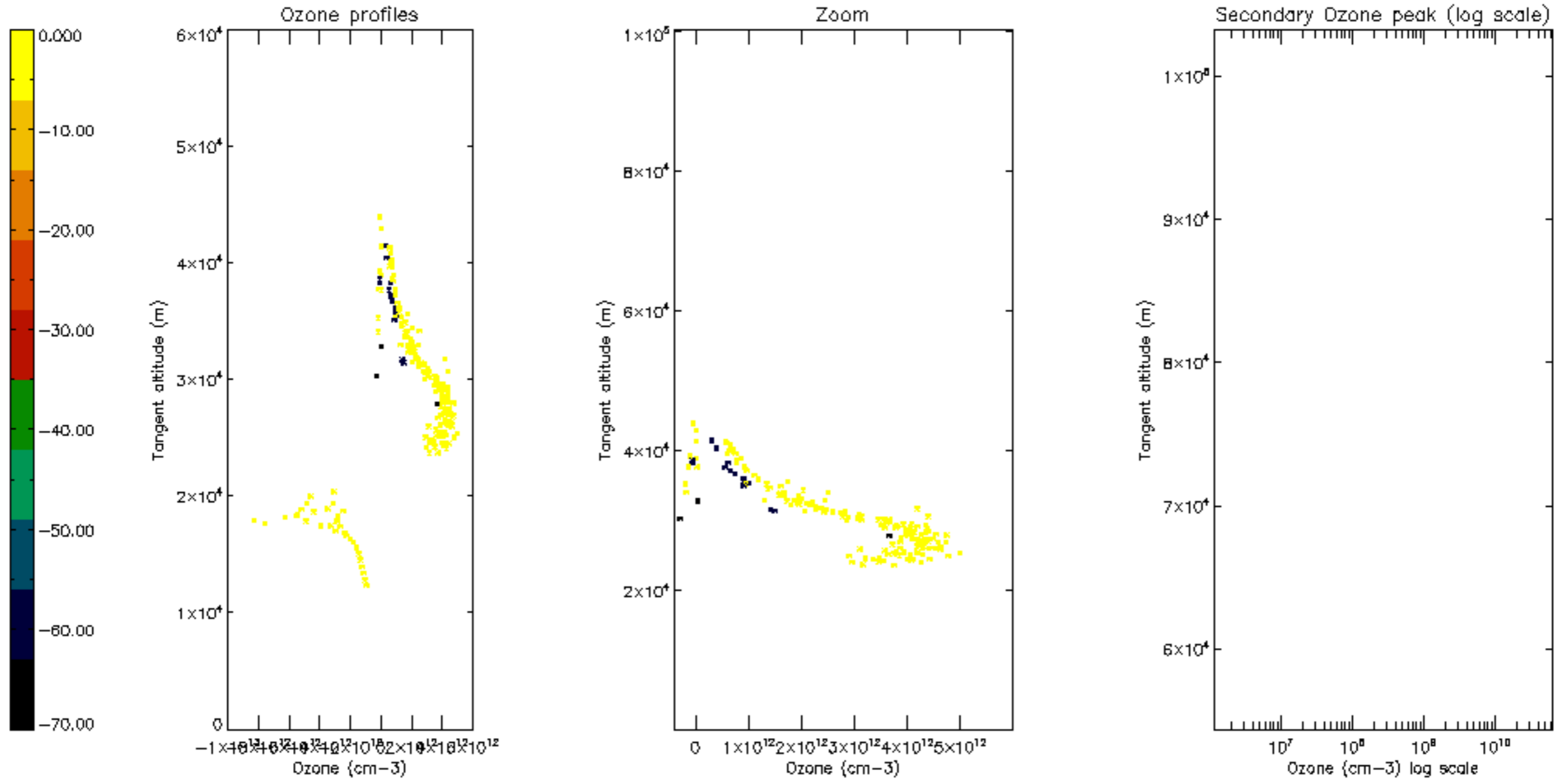


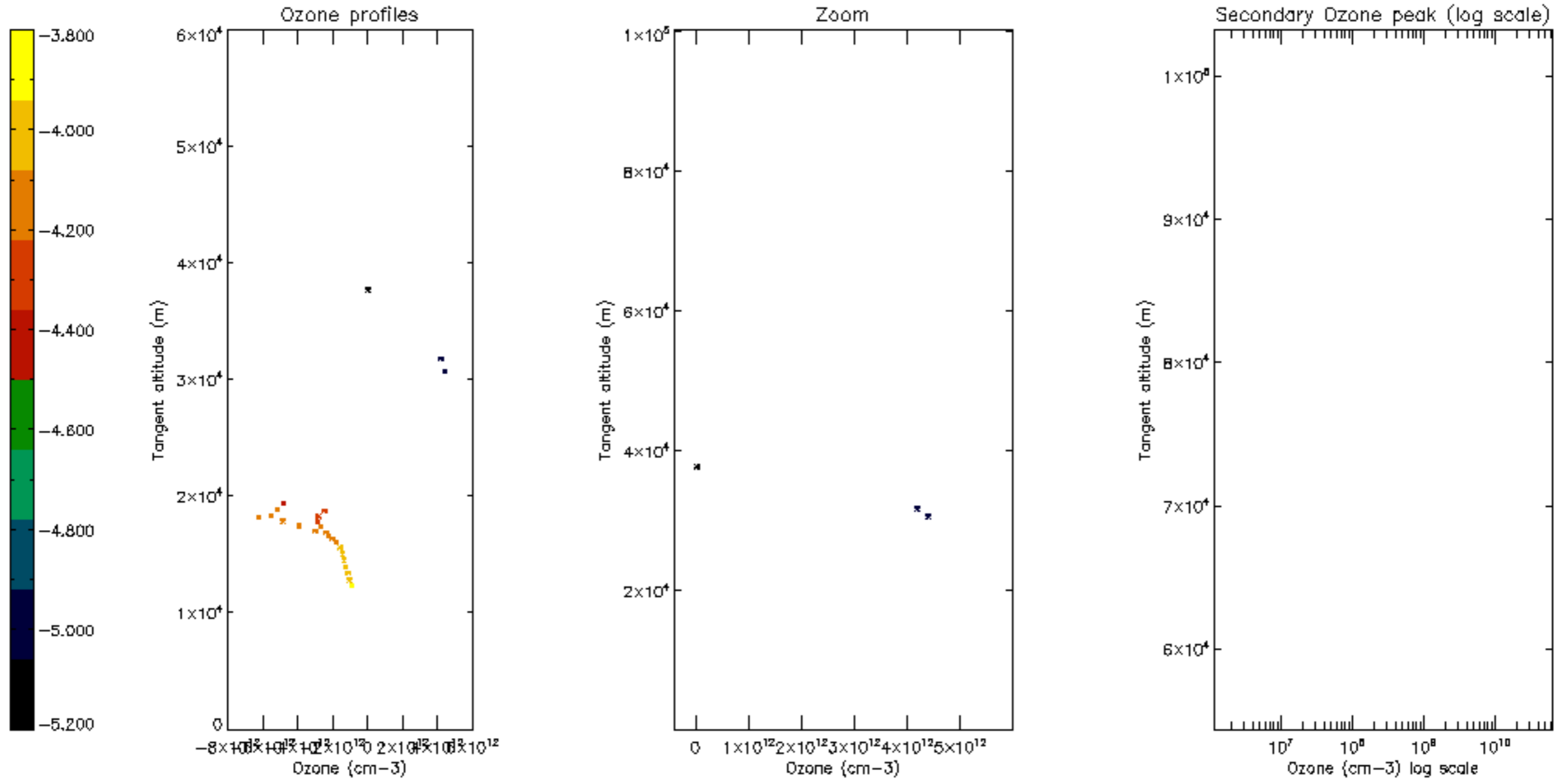
Percentage of saturation errors per profile

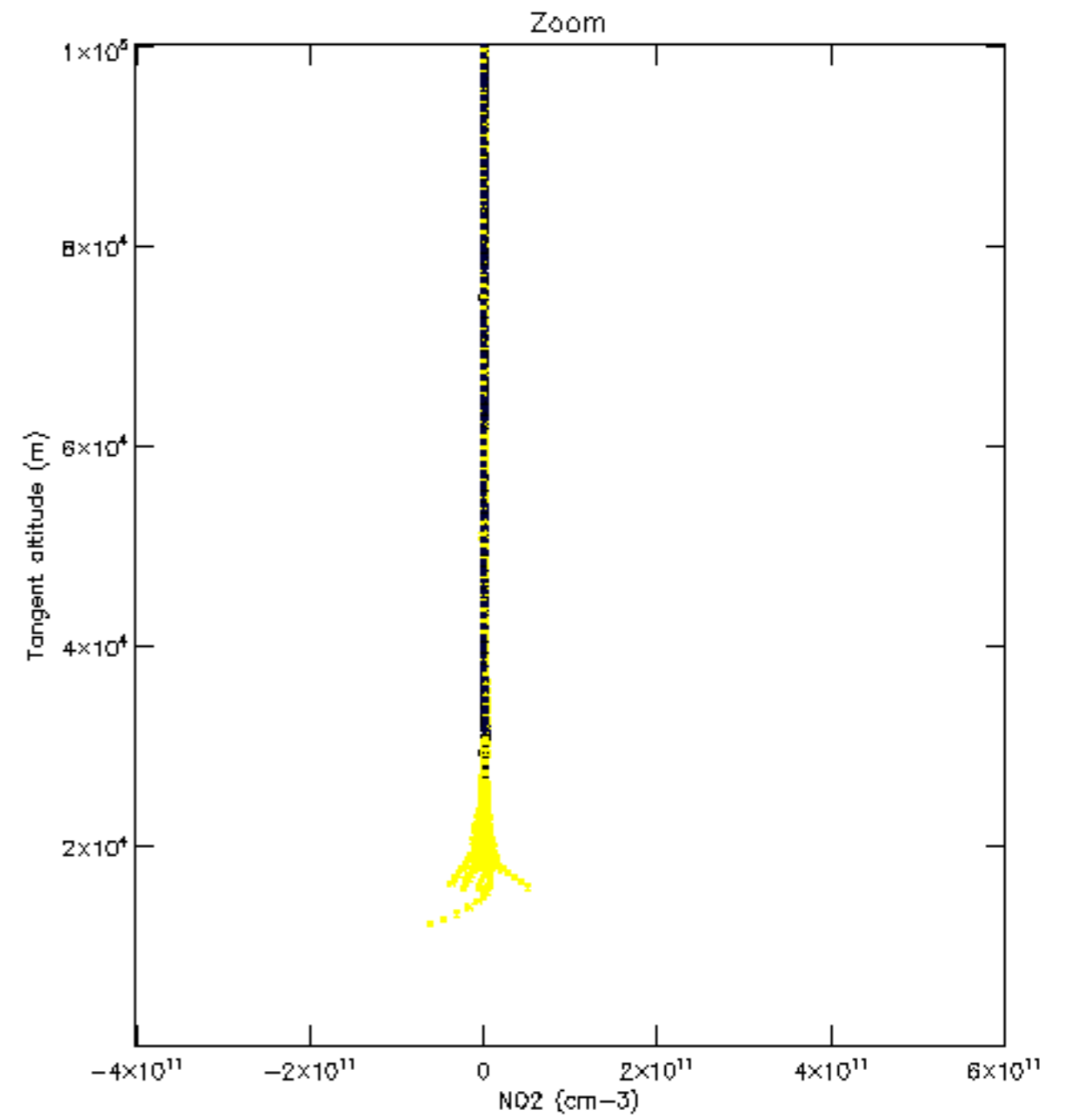
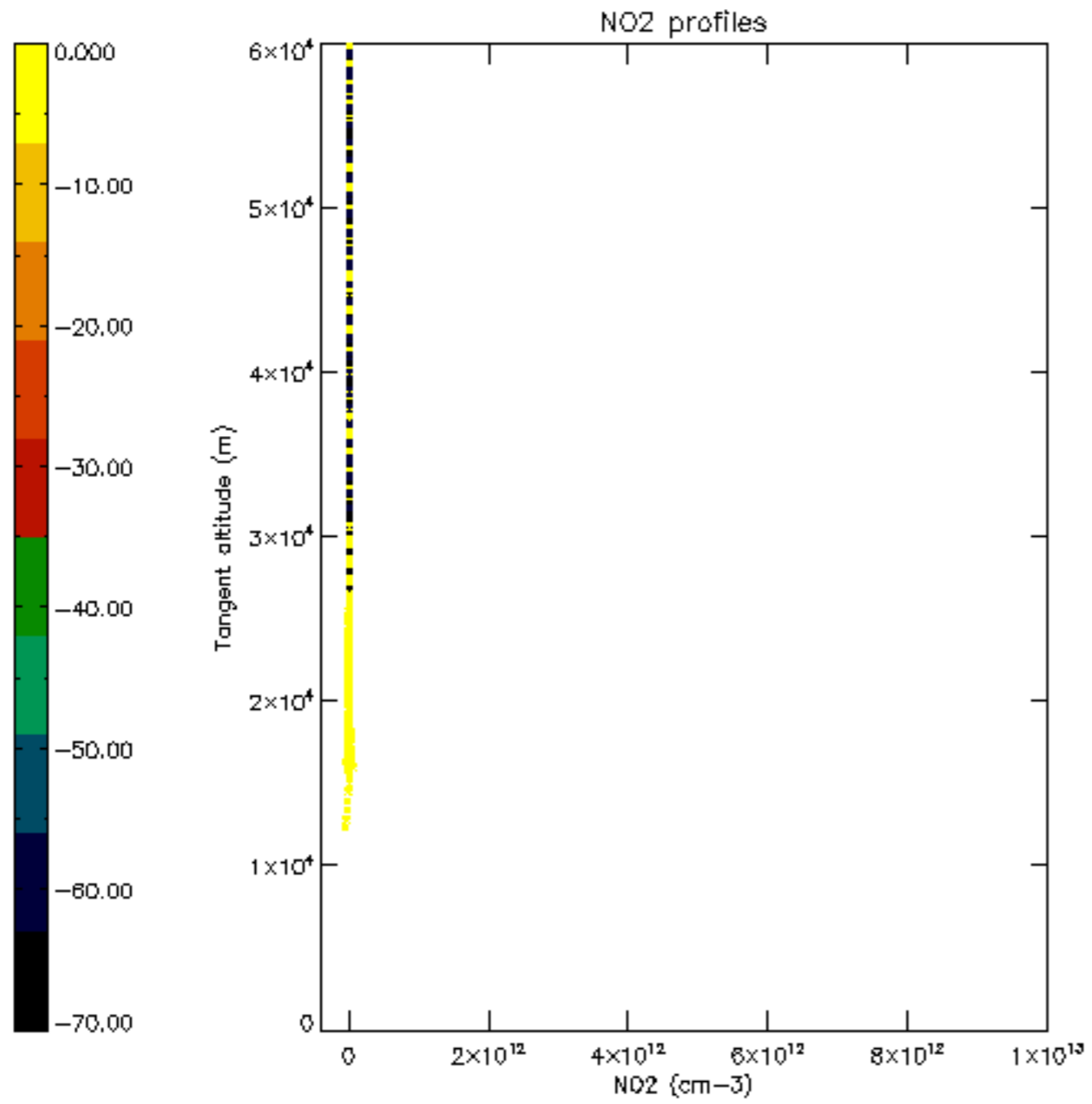


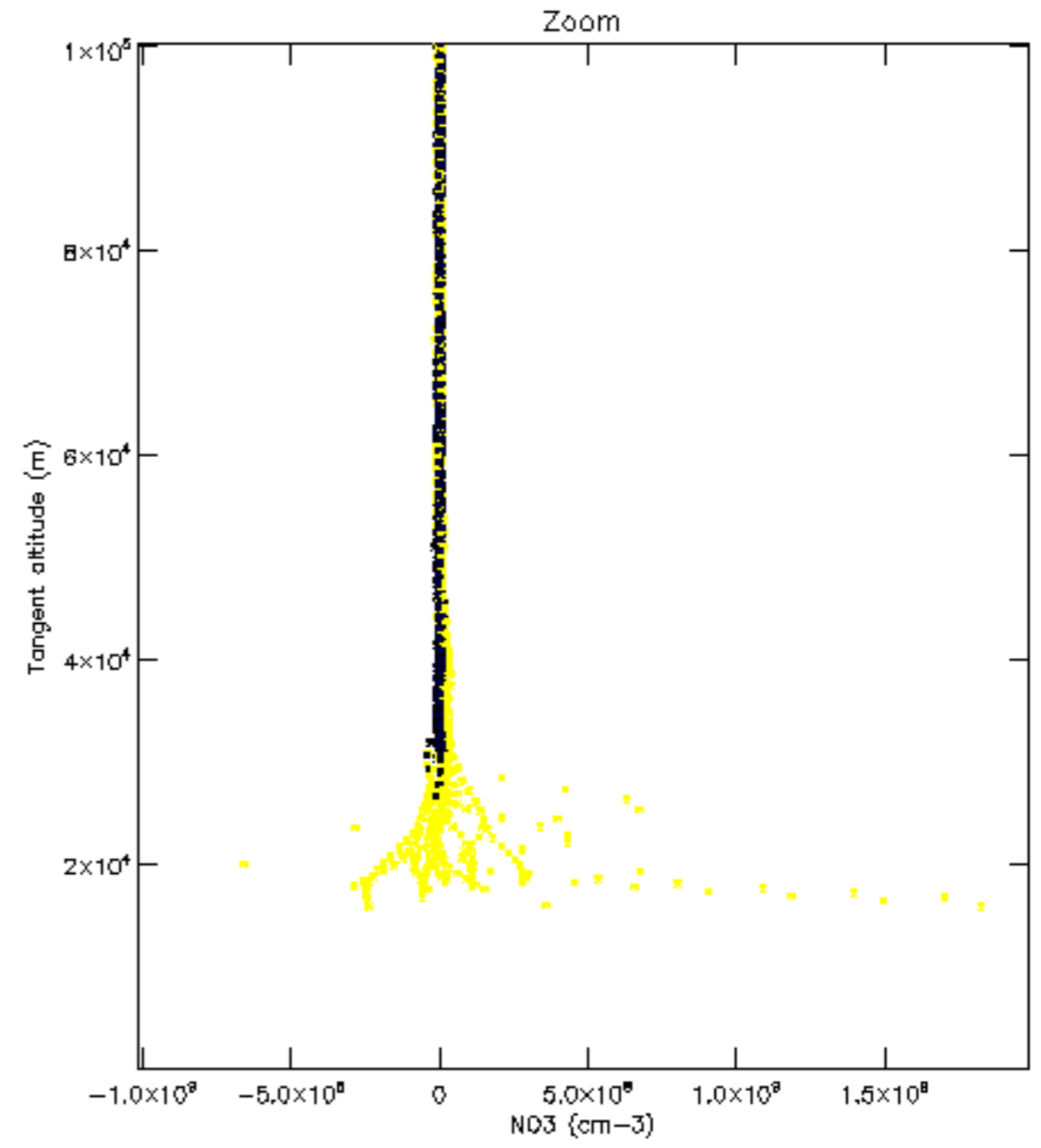
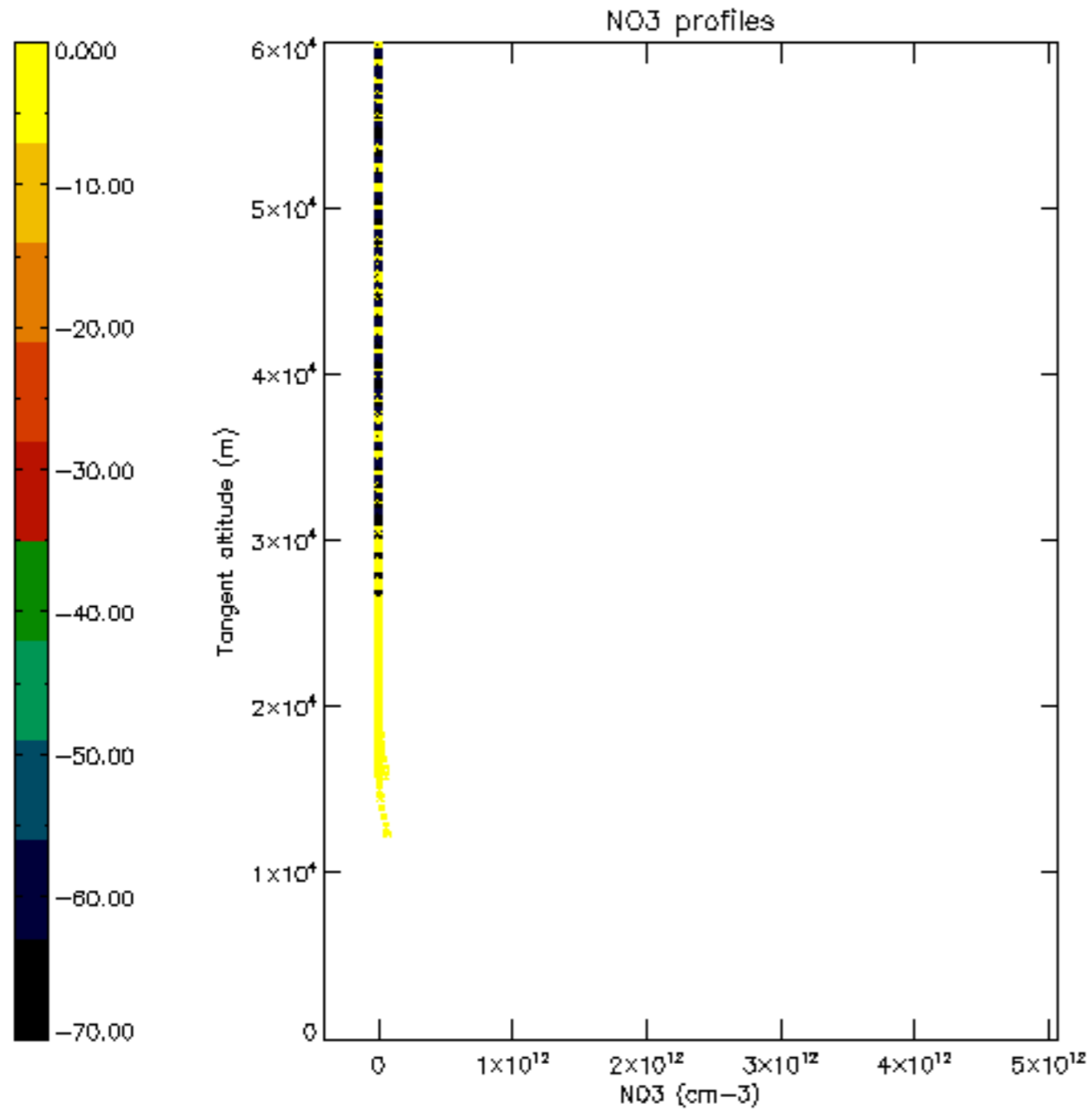


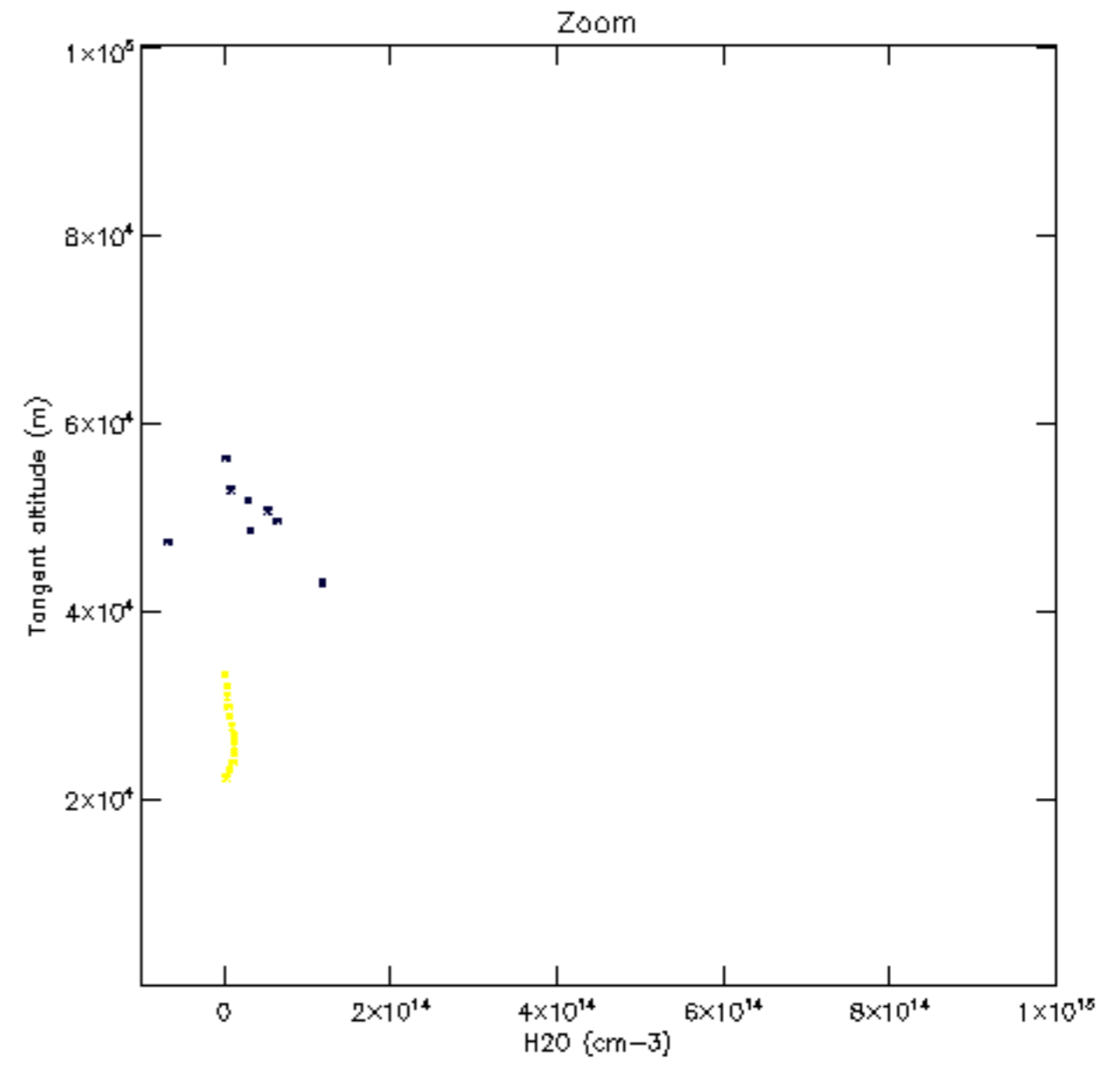
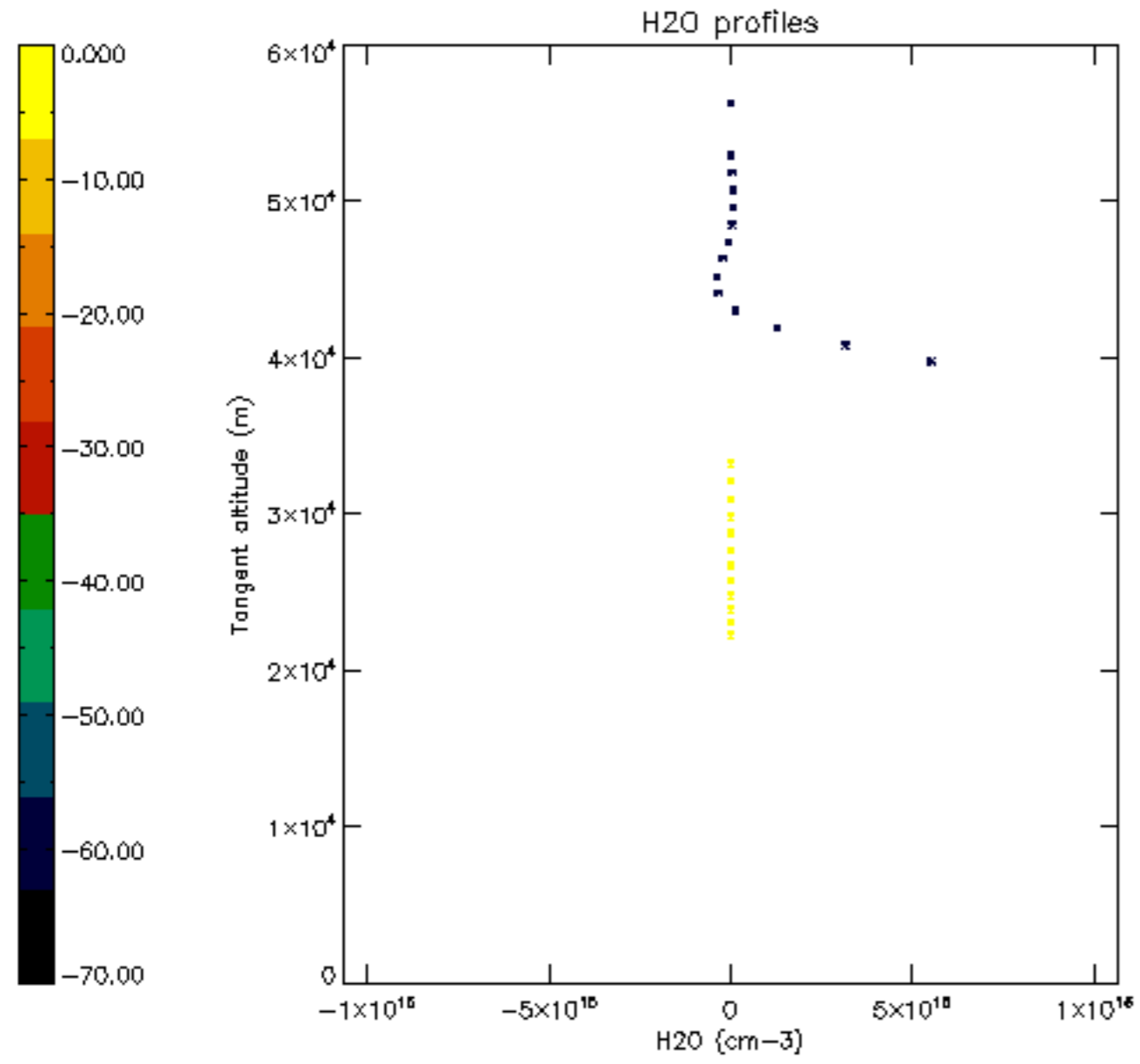


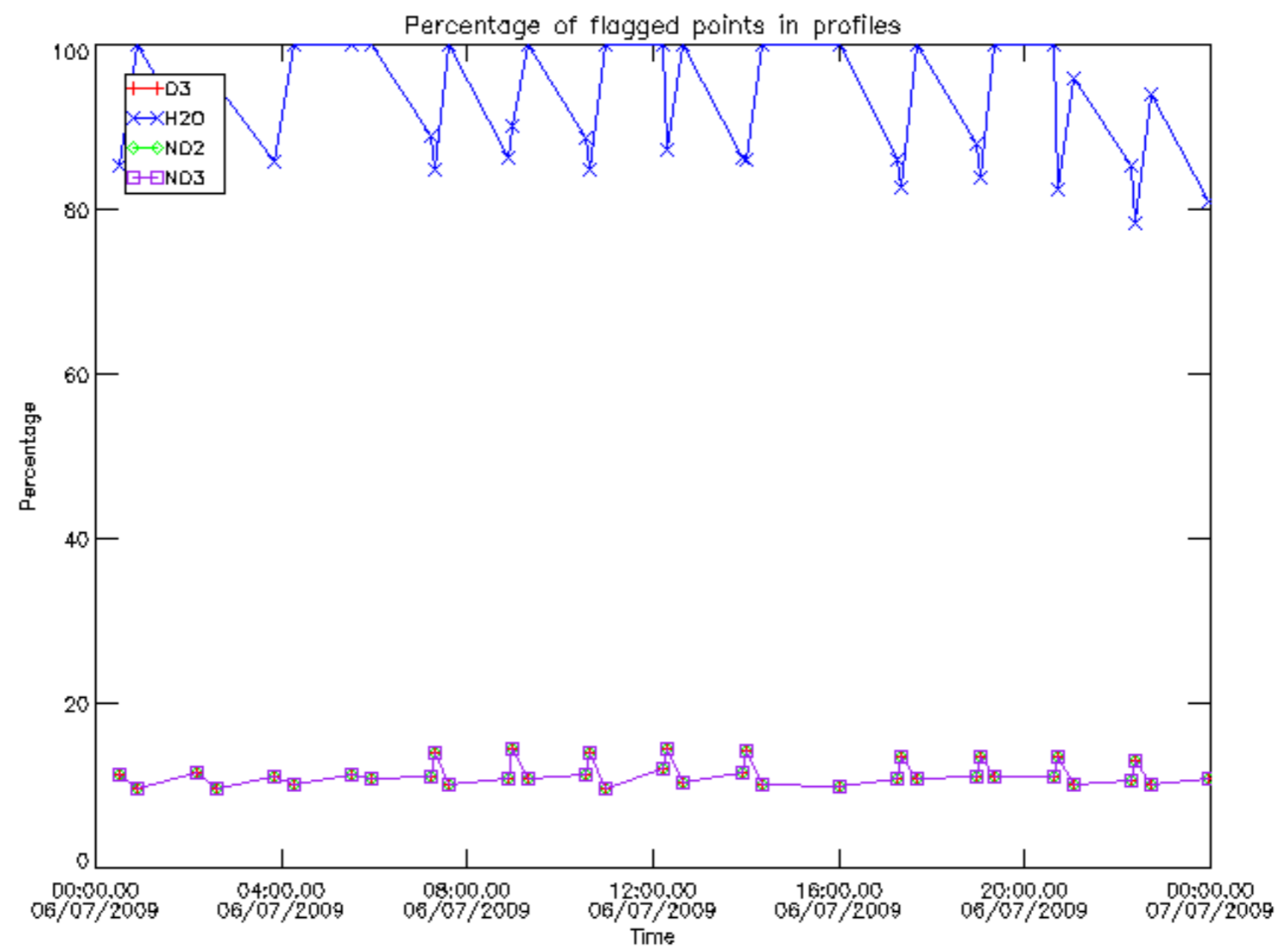




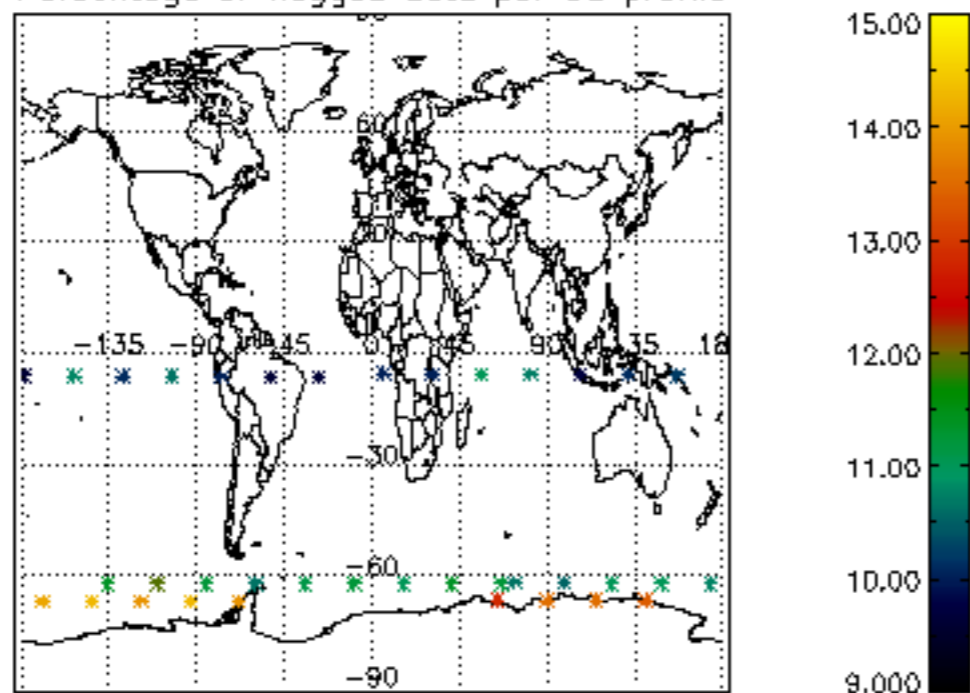




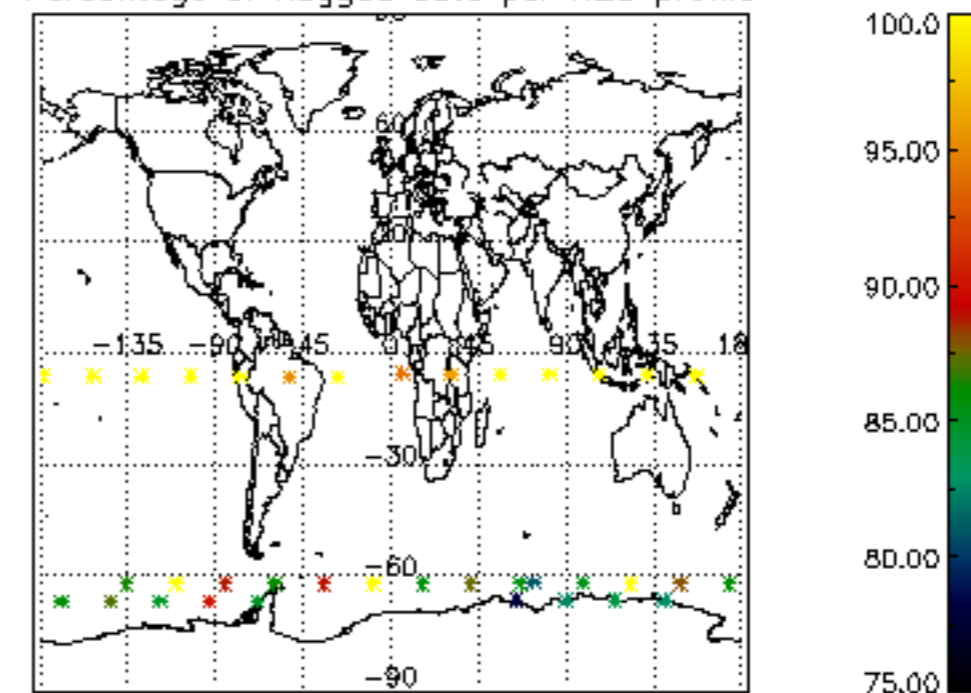




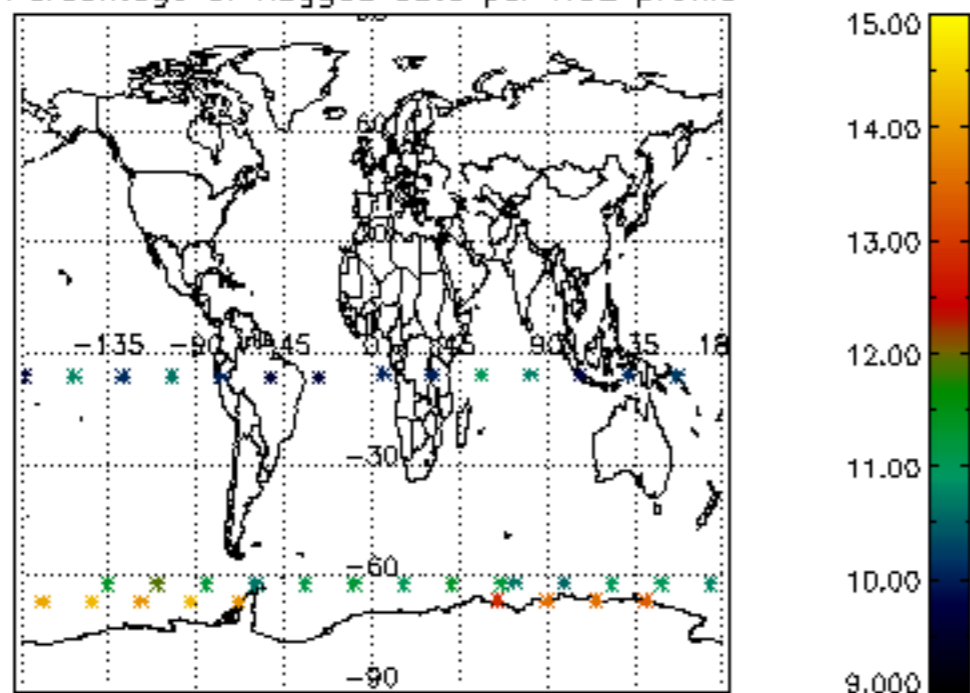
Percentage of flagged data per D3 profile



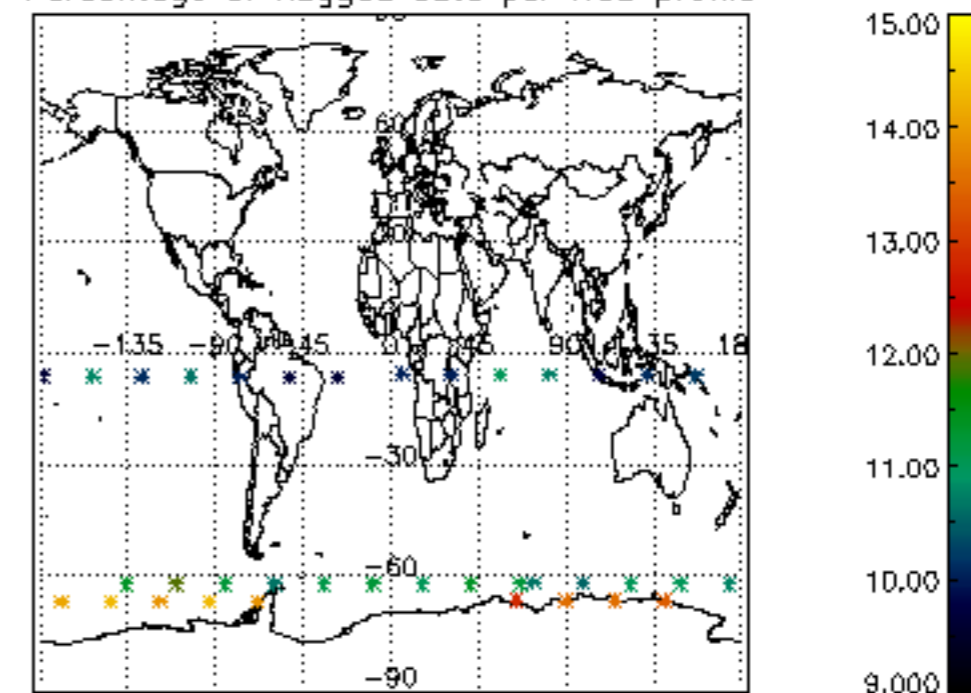
Percentage of flagged data per H2O profile

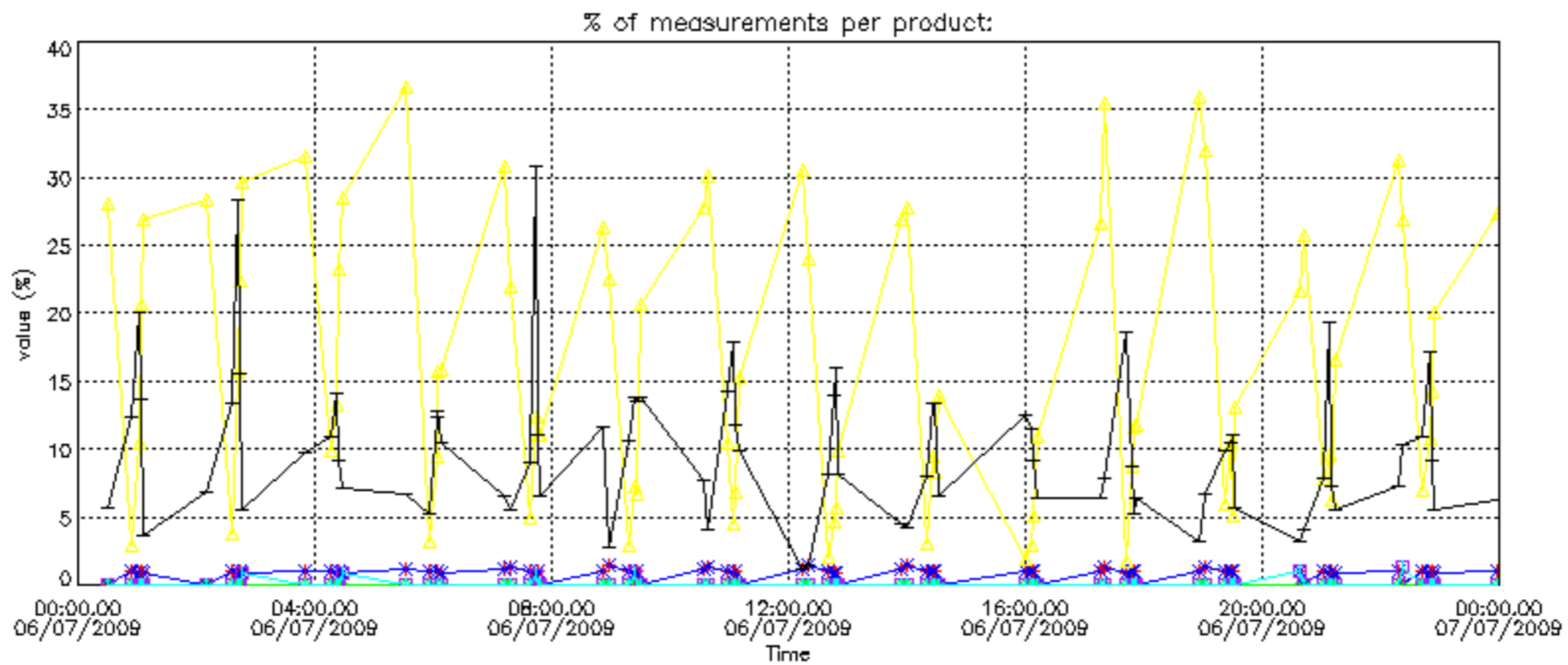


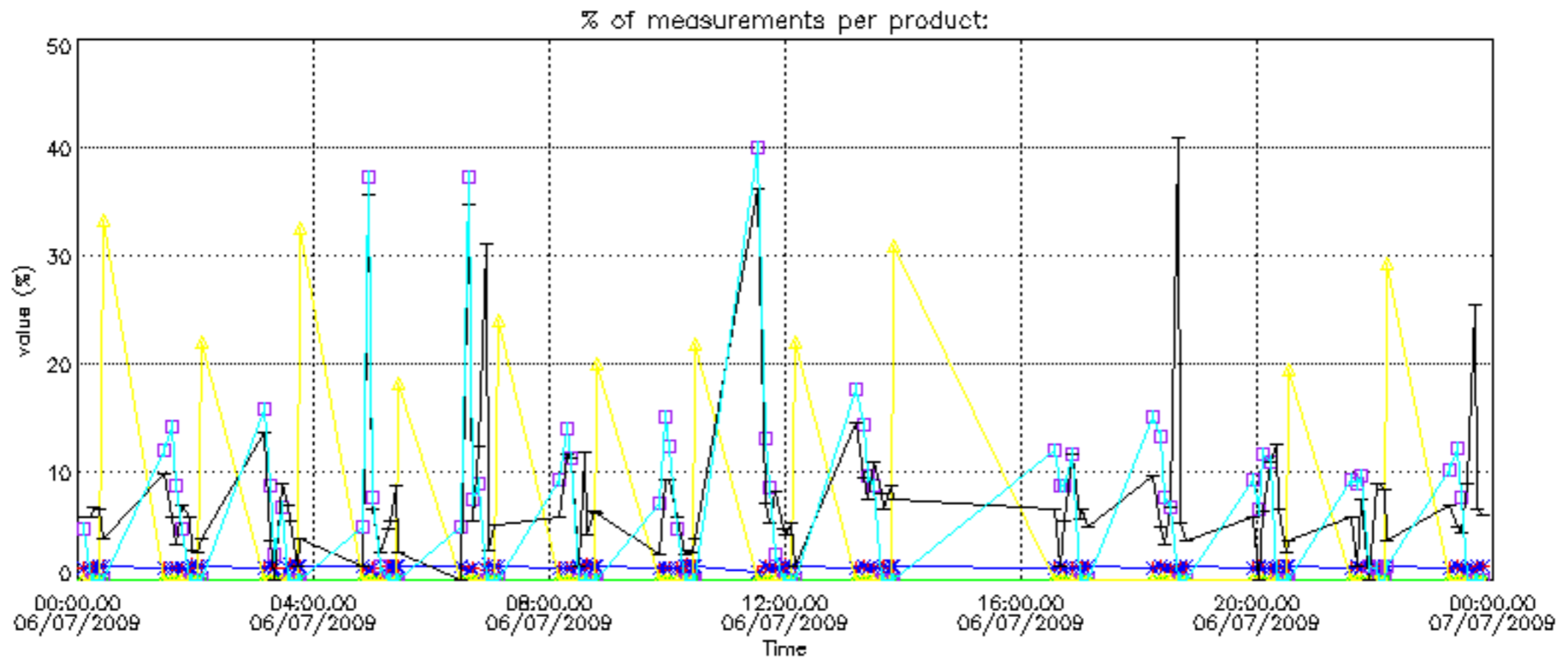
Percentage of flagged data per NO2 profile



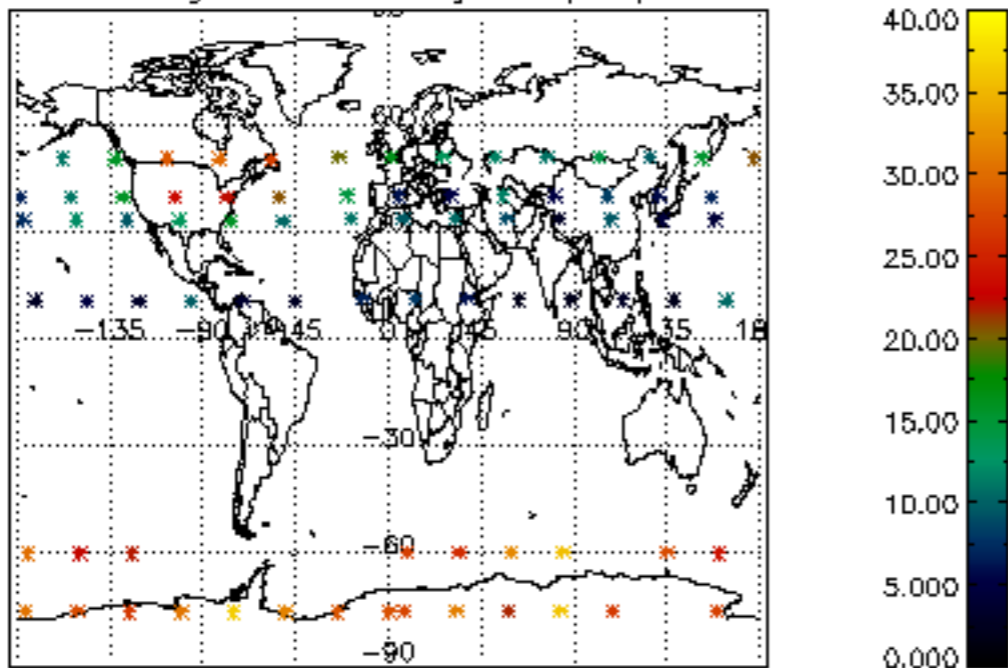
Percentage of flagged data per NO3 profile



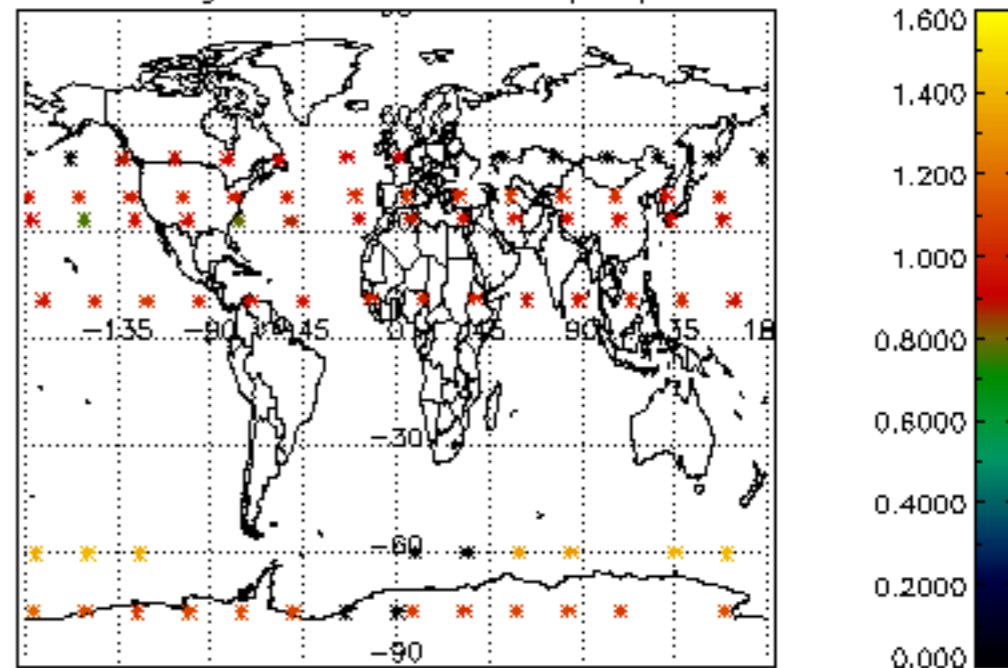




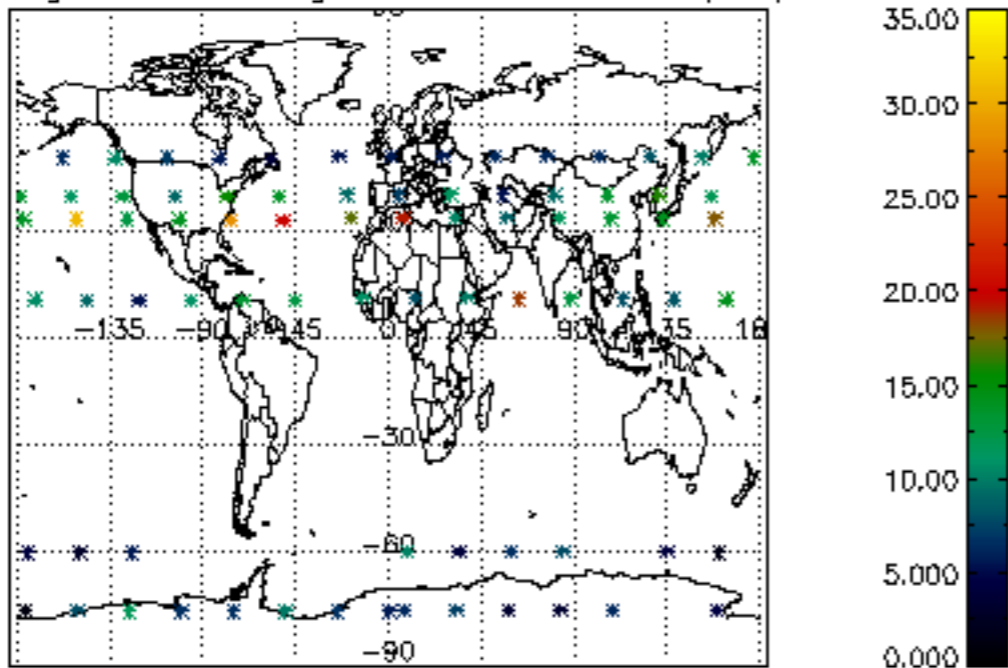
Percentage of cosmic ray hits per profile



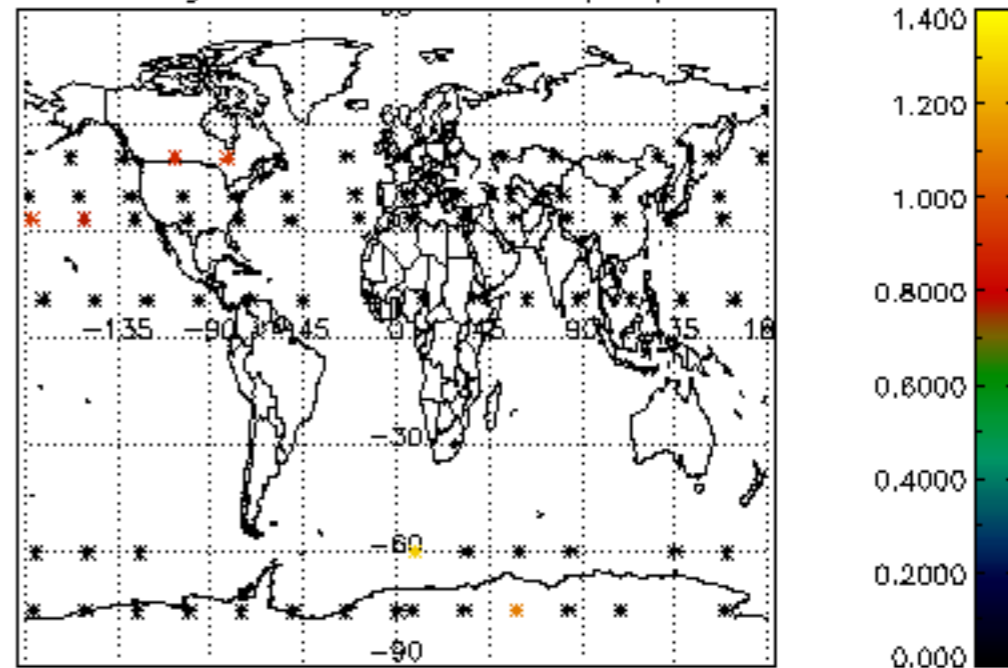
Percentage of datation errors per profile



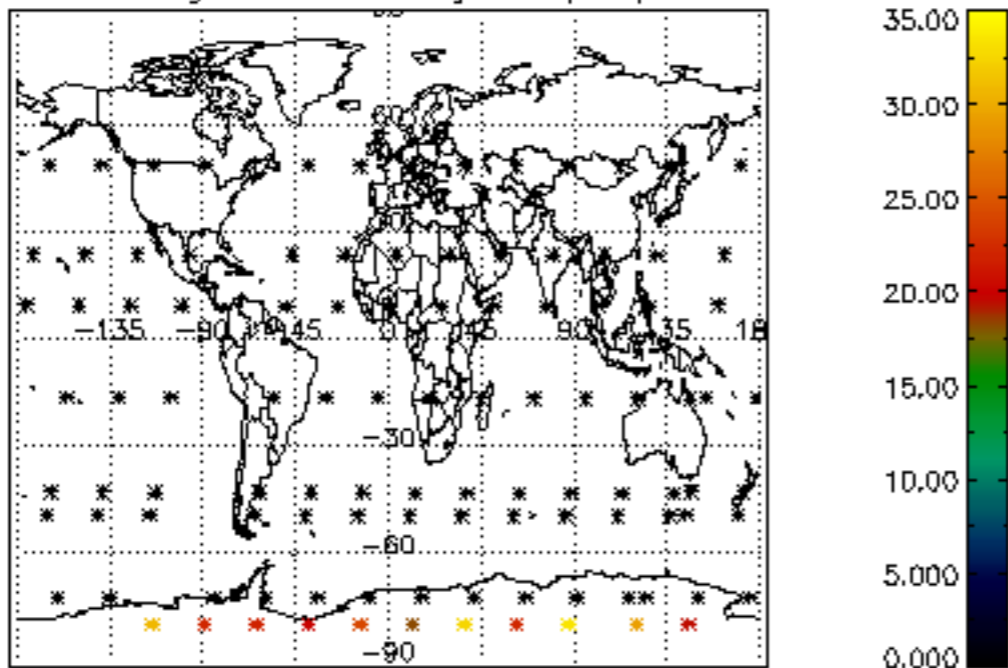
Percentage of star falling outside central band per profile



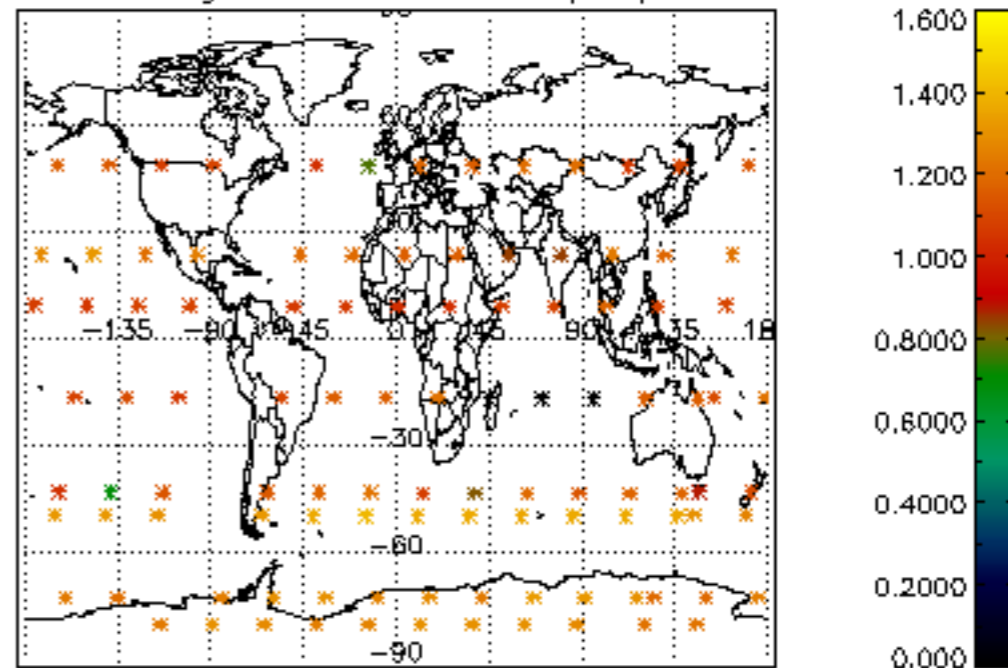
Percentage of saturation errors per profile



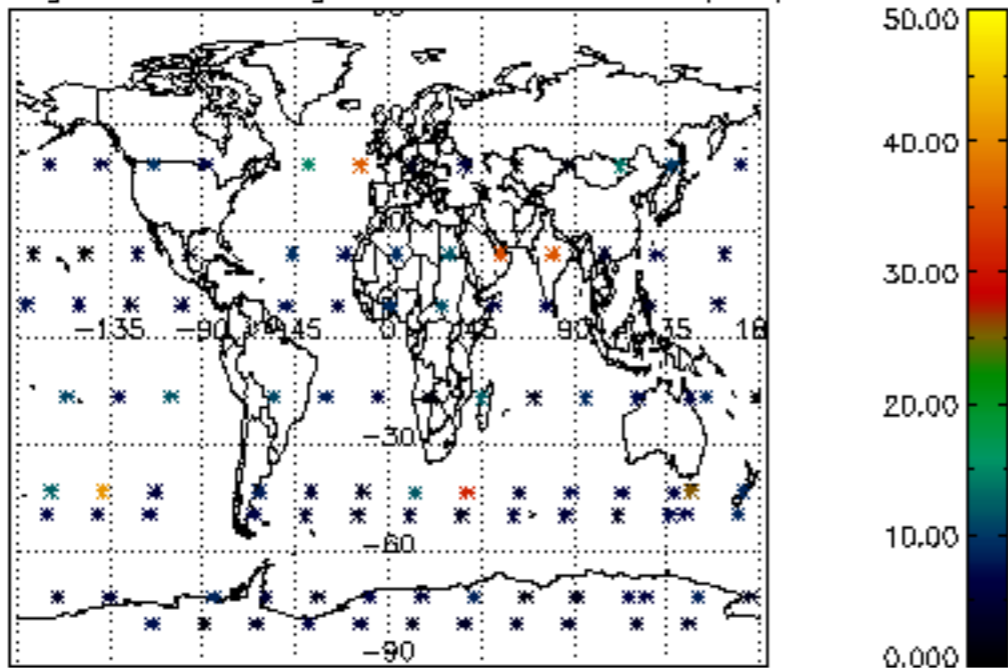
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

