

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 12:29:28
Data source version	GOMOS/6.01
Start time of products	05-09-2009 (05SEP2009 00:00:00)
Stop time of products	06-09-2009 (06SEP2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	187
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__2PRFIN20090905_000304_000000262082_00159_39291_3689.N1	05-SEP-2009 00:03:04	Twilight	26.000	6	13Alp Aur	0.080000	3400.0	52	39291	No
2	GOM_NL__2PRFIN20090905_000405_000000502082_00159_39291_3690.N1	05-SEP-2009 00:04:05	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	39291	No
3	GOM_NL__2PRFIN20090905_000703_000000732082_00159_39291_3691.N1	05-SEP-2009 00:07:03	Bright	73.000	107	37The Aur	2.6490	11000.	146	39291	No
4	GOM_NL__2PRFIN20090905_001231_000000622082_00159_39291_3692.N1	05-SEP-2009 00:12:31	Twilight	62.000	151	13Mu Gem	2.8900	3000.0	124	39291	No
5	GOM_NL__2PRFIN20090905_001421_000000562082_00159_39291_3693.N1	05-SEP-2009 00:14:21	Twilight	55.500	44	24Gam Gem	1.9280	11000.	111	39291	No
6	GOM_NL__2PRFIN20090905_002417_000000562082_00159_39291_3694.N1	05-SEP-2009 00:24:17	Dark	55.500	1	9Alp CMa	-1.4400	11000.	111	39291	No
7	GOM_NL__2PRFIN20090905_002541_000000502082_00159_39291_3695.N1	05-SEP-2009 00:25:41	Dark	50.000	47	2Bet CMa	1.9760	28000.	100	39291	No
8	GOM_NL__2PRFIN20090905_004356_000000552082_00160_39292_3699.N1	05-SEP-2009 00:43:56	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39292	No
9	GOM_NL__2PRFIN20090905_005115_000000472082_00160_39292_3700.N1	05-SEP-2009 00:51:15	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	39292	No
10	GOM_NL__2PRFIN20090905_011144_000000652082_00160_39292_3701.N1	05-SEP-2009 01:11:44	Bright	65.000	90	54Alp Peg	2.4870	11000.	130	39292	No
11	GOM_NL__2PRFIN20090905_011557_000000402082_00160_39292_3702.N1	05-SEP-2009 01:15:57	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	39292	No
12	GOM_NL__2PRFIN20090905_012629_000000412082_00160_39292_3703.N1	05-SEP-2009 01:26:29	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	39292	No
13	GOM_NL__2PRFIN20090905_012832_000000442082_00160_39292_3704.N1	05-SEP-2009 01:28:32	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	39292	No
14	GOM_NL__2PRFIN20090905_014440_000000692082_00160_39292_3705.N1	05-SEP-2009 01:44:40	Bright	69.000	42	34Bet Aur	1.9000	10200.	138	39292	No
15	GOM_NL__2PRFIN20090905_014739_000000492082_00160_39292_3706.N1	05-SEP-2009 01:47:39	Bright	49.000	107	37The Aur	2.6490	11000.	98	39292	No
16	GOM_NL__2PRFIN20090905_015307_000000592082_00160_39292_3707.N1	05-SEP-2009 01:53:07	Twilight	58.500	151	13Mu Gem	2.8900	3000.0	117	39292	No
17	GOM_NL__2PRFIN20090905_015457_000000532082_00160_39292_3708.N1	05-SEP-2009 01:54:57	Twilight	52.500	44	24Gam Gem	1.9280	11000.	105	39292	No
18	GOM_NL__2PRFIN20090905_020453_000000572082_00160_39292_3709.N1	05-SEP-2009 02:04:53	Dark	57.000	1	9Alp CMa	-1.4400	11000.	114	39292	No
19	GOM_NL__2PRFIN20090905_020618_000000522082_00160_39292_3710.N1	05-SEP-2009 02:06:18	Dark	51.500	47	2Bet CMa	1.9760	28000.	103	39292	No
20	GOM_NL__2PRFIN20090905_020938_000000612082_00160_39292_3711.N1	05-SEP-2009 02:09:38	Dark	60.500	101	11Alp Lep	2.5820	7000.0	121	39292	No
21	GOM_NL__2PRFIN20090905_022433_000000562082_00161_39293_3714.N1	05-SEP-2009 02:24:33	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39293	No
22	GOM_NL__2PRFIN20090905_023151_000000462082_00161_39293_3715.N1	05-SEP-2009 02:31:51	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	39293	No
23	GOM_NL__2PRFIN20090905_025219_000000442082_00161_39293_3716.N1	05-SEP-2009 02:52:19	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	39293	No
24	GOM_NL__2PRFIN20090905_025632_000000412082_00161_39293_3717.N1	05-SEP-2009 02:56:32	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	39293	No
25	GOM_NL__2PRFIN20090905_030704_000000432082_00161_39293_3718.N1	05-SEP-2009 03:07:04	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	39293	No
26	GOM_NL__2PRFIN20090905_030907_000000462082_00161_39293_3719.N1	05-SEP-2009 03:09:07	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	39293	No
27	GOM_NL__2PRFIN20090905_032516_000000502082_00161_39293_3720.N1	05-SEP-2009 03:25:16	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	39293	No
28	GOM_NL__2PRFIN20090905_032815_000000512082_00161_39293_3721.N1	05-SEP-2009 03:28:15	Bright	50.500	107	37The Aur	2.6490	11000.	101	39293	No
29	GOM_NL__2PRFIN20090905_033344_000000592082_00161_39293_3722.N1	05-SEP-2009 03:33:44	Twilight	59.000	151	13Mu Gem	2.8900	3000.0	118	39293	No
30	GOM_NL__2PRFIN20090905_033534_000000522082_00161_39293_3723.N1	05-SEP-2009 03:35:34	Twilight	51.500	44	24Gam Gem	1.9280	11000.	103	39293	No
31	GOM_NL__2PRFIN20090905_034530_000000492082_00161_39293_3724.N1	05-SEP-2009 03:45:30	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	39293	No
32	GOM_NL__2PRFIN20090905_034655_000000512082_00161_39293_3725.N1	05-SEP-2009 03:46:55	Dark	50.500	47	2Bet CMa	1.9760	28000.	101	39293	No
33	GOM_NL__2PRFIN20090905_035015_000000612082_00161_39293_3726.N1	05-SEP-2009 03:50:15	Dark	60.500	101	11Alp Lep	2.5820	7000.0	121	39293	No
34	GOM_NL__2PRFIN20090905_040510_000000572082_00162_39294_3728.N1	05-SEP-2009 04:05:10	Dark	56.500	157	The1Eri	2.9060	9300.0	113	39294	No
35	GOM_NL__2PRFIN20090905_041228_000000462082_00162_39294_3729.N1	05-SEP-2009 04:12:28	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	39294	No
36	GOM_NL__2PRFIN20090905_043255_000000652082_00162_39294_3730.N1	05-SEP-2009 04:32:55	Bright	65.000	90	54Alp Peg	2.4870	11000.	130	39294	No
37	GOM_NL__2PRFIN20090905_043708_000000422082_00162_39294_3731.N1	05-SEP-2009 04:37:08	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	39294	No
38	GOM_NL__2PRFIN20090905_044739_000000422082_00162_39294_3732.N1	05-SEP-2009 04:47:39	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	39294	No
39	GOM_NL__2PRFIN20090905_044943_000000452082_00162_39294_3733.N1	05-SEP-2009 04:49:43	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	39294	No
40	GOM_NL__2PRFIN20090905_050552_000000492082_00162_39294_3734.N1	05-SEP-2009 05:05:52	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	39294	No
41	GOM_NL__2PRFIN20090905_050851_000000492082_00162_39294_3735.N1	05-SEP-2009 05:08:51	Bright	48.500	107	37The Aur	2.6490	11000.	97	39294	No
42	GOM_NL__2PRFIN20090905_051420_000000562082_00162_39294_3736.N1	05-SEP-2009 05:14:20	Twilight	55.500	151	13Mu Gem	2.8900	3000.0	111	39294	No

43	GOM_NL__2PRFIN20090905_051610_000000512082_00162_39294_3737.N1	05-SEP-2009 05:16:10	Twilight	51.000	44	24Gam Gem	1.9280	11000.	102	39294	No
44	GOM_NL__2PRFIN20090905_052607_000000542082_00162_39294_3738.N1	05-SEP-2009 05:26:07	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	39294	No
45	GOM_NL__2PRFIN20090905_052732_000000512082_00162_39294_3739.N1	05-SEP-2009 05:27:32	Dark	51.000	47	2Bet CMa	1.9760	28000.	102	39294	No
46	GOM_NL__2PRFIN20090905_053052_000000602082_00162_39294_3740.N1	05-SEP-2009 05:30:52	Dark	60.000	101	11Alp Lep	2.5820	7000.0	120	39294	No
47	GOM_NL__2PRFIN20090905_054547_000000562082_00163_39295_3743.N1	05-SEP-2009 05:45:47	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39295	No
48	GOM_NL__2PRFIN20090905_055304_000000472082_00163_39295_3744.N1	05-SEP-2009 05:53:04	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	39295	No
49	GOM_NL__2PRFIN20090905_061330_000000442082_00163_39295_3745.N1	05-SEP-2009 06:13:30	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	39295	No
50	GOM_NL__2PRFIN20090905_061744_000000412082_00163_39295_3746.N1	05-SEP-2009 06:17:44	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	39295	No
51	GOM_NL__2PRFIN20090905_062815_000000432082_00163_39295_3747.N1	05-SEP-2009 06:28:15	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	39295	No
52	GOM_NL__2PRFIN20090905_063018_000000432082_00163_39295_3748.N1	05-SEP-2009 06:30:18	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	39295	No
53	GOM_NL__2PRFIN20090905_064628_000000502082_00163_39295_3749.N1	05-SEP-2009 06:46:28	Bright	49.500	42	34Bet Aur	1.9000	10200.	99	39295	No
54	GOM_NL__2PRFIN20090905_064927_000000732082_00163_39295_3750.N1	05-SEP-2009 06:49:27	Bright	73.000	107	37The Aur	2.6490	11000.	146	39295	No
55	GOM_NL__2PRFIN20090905_065456_000000572082_00163_39295_3751.N1	05-SEP-2009 06:54:56	Twilight	57.000	151	13Mu Gem	2.8900	3000.0	114	39295	No
56	GOM_NL__2PRFIN20090905_065647_000000512082_00163_39295_3752.N1	05-SEP-2009 06:56:47	Twilight	51.000	44	24Gam Gem	1.9280	11000.	102	39295	No
57	GOM_NL__2PRFIN20090905_070643_000000582082_00163_39295_3753.N1	05-SEP-2009 07:06:43	Dark	58.000	1	9Alp CMa	-1.4400	11000.	116	39295	No
58	GOM_NL__2PRFIN20090905_070809_000000512082_00163_39295_3754.N1	05-SEP-2009 07:08:09	Dark	50.500	47	2Bet CMa	1.9760	28000.	101	39295	No
59	GOM_NL__2PRFIN20090905_071130_000000572082_00163_39295_3755.N1	05-SEP-2009 07:11:30	Dark	57.000	101	11Alp Lep	2.5820	7000.0	114	39295	No
60	GOM_NL__2PRFIN20090905_072625_000000562082_00164_39296_3777.N1	05-SEP-2009 07:26:25	Dark	56.000	157	The1Eri	2.9060	9300.0	112	39296	No
61	GOM_NL__2PRFIN20090905_073341_000000462082_00164_39296_3778.N1	05-SEP-2009 07:33:41	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	39296	No
62	GOM_NL__2PRFIN20090905_075406_000000452082_00164_39296_3779.N1	05-SEP-2009 07:54:06	Bright	44.500	90	54Alp Peg	2.4870	11000.	89	39296	No
63	GOM_NL__2PRFIN20090905_075819_000000392082_00164_39296_3780.N1	05-SEP-2009 07:58:19	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	39296	No
64	GOM_NL__2PRFIN20090905_080850_000000412082_00164_39296_3781.N1	05-SEP-2009 08:08:50	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	39296	No
65	GOM_NL__2PRFIN20090905_081054_000000442082_00164_39296_3782.N1	05-SEP-2009 08:10:54	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	39296	No
66	GOM_NL__2PRFIN20090905_082704_000000482082_00164_39296_3783.N1	05-SEP-2009 08:27:04	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	39296	No
67	GOM_NL__2PRFIN20090905_083003_000000522082_00164_39296_3784.N1	05-SEP-2009 08:30:03	Bright	51.500	107	37The Aur	2.6490	11000.	103	39296	No
68	GOM_NL__2PRFIN20090905_083533_000000612082_00164_39296_3785.N1	05-SEP-2009 08:35:33	Twilight	60.500	151	13Mu Gem	2.8900	3000.0	121	39296	No
69	GOM_NL__2PRFIN20090905_083723_000000492082_00164_39296_3786.N1	05-SEP-2009 08:37:23	Twilight	49.000	44	24Gam Gem	1.9280	11000.	98	39296	No
70	GOM_NL__2PRFIN20090905_084720_000000512082_00164_39296_3787.N1	05-SEP-2009 08:47:20	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	39296	No
71	GOM_NL__2PRFIN20090905_084845_000000492082_00164_39296_3788.N1	05-SEP-2009 08:48:45	Dark	49.000	47	2Bet CMa	1.9760	28000.	98	39296	No
72	GOM_NL__2PRFIN20090905_085207_000000602082_00164_39296_3789.N1	05-SEP-2009 08:52:07	Dark	60.000	101	11Alp Lep	2.5820	7000.0	120	39296	No
73	GOM_NL__2PRFIN20090905_090702_000000552082_00165_39297_3801.N1	05-SEP-2009 09:07:02	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39297	No
74	GOM_NL__2PRFIN20090905_091417_000000482082_00165_39297_3802.N1	05-SEP-2009 09:14:17	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	39297	No
75	GOM_NL__2PRFIN20090905_093442_000000462082_00165_39297_3803.N1	05-SEP-2009 09:34:42	Bright	45.500	90	54Alp Peg	2.4870	11000.	91	39297	No
76	GOM_NL__2PRFIN20090905_093854_000000422082_00165_39297_3804.N1	05-SEP-2009 09:38:54	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	39297	No
77	GOM_NL__2PRFIN20090905_094926_000000422082_00165_39297_3805.N1	05-SEP-2009 09:49:26	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	39297	No
78	GOM_NL__2PRFIN20090905_100739_000000502082_00165_39297_3806.N1	05-SEP-2009 10:07:39	Bright	49.500	42	34Bet Aur	1.9000	10200.	99	39297	No
79	GOM_NL__2PRFIN20090905_101039_000000532082_00165_39297_3807.N1	05-SEP-2009 10:10:39	Bright	53.000	107	37The Aur	2.6490	11000.	106	39297	No
80	GOM_NL__2PRFIN20090905_101609_000000682082_00165_39297_3808.N1	05-SEP-2009 10:16:09	Twilight	68.000	151	13Mu Gem	2.8900	3000.0	136	39297	No
81	GOM_NL__2PRFIN20090905_101759_000000552082_00165_39297_3809.N1	05-SEP-2009 10:17:59	Twilight	54.500	44	24Gam Gem	1.9280	11000.	109	39297	No
82	GOM_NL__2PRFIN20090905_102757_000000502082_00165_39297_3810.N1	05-SEP-2009 10:27:57	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	39297	No
83	GOM_NL__2PRFIN20090905_102922_000000502082_00165_39297_3811.N1	05-SEP-2009 10:29:22	Dark	49.500	47	2Bet CMa	1.9760	28000.	99	39297	No
84	GOM_NL__2PRFIN20090905_103244_000000602082_00165_39297_3812.N1	05-SEP-2009 10:32:44	Dark	59.500	101	11Alp Lep	2.5820	7000.0	119	39297	No
85	GOM_NL__2PRFIN20090905_104739_000000562082_00166_39298_3812.N1	05-SEP-2009 10:47:39	Dark	56.000	157	The1Eri	2.9060	9300.0	112	39298	No
86	GOM_NL__2PRFIN20090905_105454_000000482082_00166_39298_3813.N1	05-SEP-2009 10:54:54	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	39298	No
87	GOM_NL__2PRFIN20090905_111517_000000442082_00166_39298_3814.N1	05-SEP-2009 11:15:17	Bright	43.500	90	54Alp Peg	2.4870	11000.	87	39298	No
88	GOM_NL__2PRFIN20090905_111930_000000412082_00166_39298_3815.N1	05-SEP-2009 11:19:30	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	39298	No
89	GOM_NL__2PRFIN20090905_113001_000000432082_00166_39298_3816.N1	05-SEP-2009 11:30:01	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	39298	No
90	GOM_NL__2PRFIN20090905_113204_000000442082_00166_39298_3817.N1	05-SEP-2009 11:32:04	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	39298	No
91	GOM_NL__2PRFIN20090905_114815_000000502082_00166_39298_3818.N1	05-SEP-2009 11:48:15	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	39298	No
92	GOM_NL__2PRFIN20090905_115115_000000732082_00166_39298_3819.N1	05-SEP-2009 11:51:15	Bright	73.000	107	37The Aur	2.6490	11000.	146	39298	No
93	GOM_NL__2PRFIN20090905_115645_000000562082_00166_39298_3820.N1	05-SEP-2009 11:56:45	Twilight	55.500	151	13Mu Gem	2.8900	3000.0	111	39298	No
94	GOM_NL__2PRFIN20090905_115835_000000542082_00166_39298_3821.N1	05-SEP-2009 11:58:35	Twilight	54.000	44	24Gam Gem	1.9280	11000.	108	39298	No
95	GOM_NL__2PRFIN20090905_120833_000000532082_00166_39298_3822.N1	05-SEP-2009 12:08:33	Dark	53.000	1	9Alp CMa	-1.4400	11000.	106	39298	No
96	GOM_NL__2PRFIN20090905_120959_000000512082_00166_39298_3823.N1	05-SEP-2009 12:09:59	Dark	51.000	47	2Bet CMa	1.9760	28000.	102	39298	No
97	GOM_NL__2PRFIN20090905_121321_000000602082_00166_39298_3824.N1	05-SEP-2009 12:13:21	Dark	60.000	101	11Alp Lep	2.5820	7000.0	120	39298	No
98	GOM_NL__2PRFIN20090905_122816_000000562082_00167_39299_3828.N1	05-SEP-2009 12:28:16	Dark	56.000	157	The1Eri	2.9060	9300.0	112	39299	No
99	GOM_NL__2PRFIN20090905_123530_000000462082_00167_39299_3829.N1	05-SEP-2009 12:35:30	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	39299	No
100	GOM_NL__2PRFIN20090905_125552_000000442082_00167_39299_3830.N1	05-SEP-2009 12:55:52	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	39299	No
101	GOM_NL__2PRFIN20090905_130006_000000422082_00167_39299_3831.N1	05-SEP-2009 13:00:06	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	39299	No

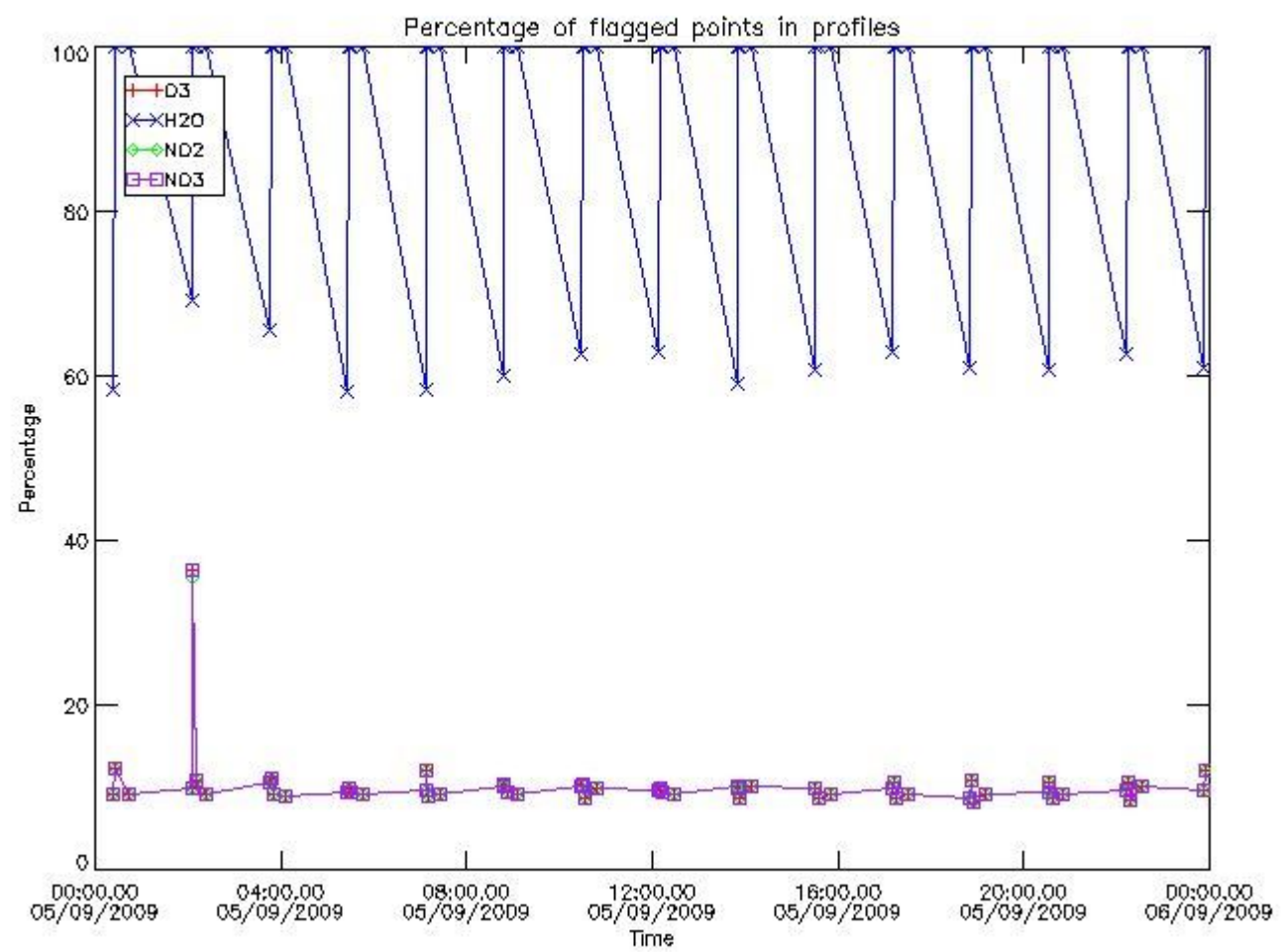
102	GOM_NL__2PRFIN20090905_131036_000000442082_00167_39299_3832.N1	05-SEP-2009 13:10:36	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	39299	No
103	GOM_NL__2PRFIN20090905_131239_000000462082_00167_39299_3833.N1	05-SEP-2009 13:12:39	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39299	No
104	GOM_NL__2PRFIN20090905_132851_000000512082_00167_39299_3834.N1	05-SEP-2009 13:28:51	Bright	51.000	42	34Bet Aur	1.9000	10200.	102	39299	No
105	GOM_NL__2PRFIN20090905_133151_000000492082_00167_39299_3835.N1	05-SEP-2009 13:31:51	Bright	49.000	107	37The Aur	2.6490	11000.	98	39299	No
106	GOM_NL__2PRFIN20090905_133721_000000582082_00167_39299_3836.N1	05-SEP-2009 13:37:21	Twi_and_stray	58.000	151	13Mu Gem	2.8900	3000.0	116	39299	No
107	GOM_NL__2PRFIN20090905_133912_000000532082_00167_39299_3837.N1	05-SEP-2009 13:39:12	Twi_and_stray	52.500	44	24Gam Gem	1.9280	11000.	105	39299	No
108	GOM_NL__2PRFIN20090905_134910_000000512082_00167_39299_3838.N1	05-SEP-2009 13:49:10	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	39299	No
109	GOM_NL__2PRFIN20090905_135036_000000512082_00167_39299_3839.N1	05-SEP-2009 13:50:36	Dark	51.000	47	2Bet CMa	1.9760	28000.	102	39299	No
110	GOM_NL__2PRFIN20090905_135359_000000592082_00167_39299_3840.N1	05-SEP-2009 13:53:59	Dark	58.500	101	11Alp Lep	2.5820	7000.0	117	39299	No
111	GOM_NL__2PRFIN20090905_140853_000000552082_00168_39300_3849.N1	05-SEP-2009 14:08:53	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39300	No
112	GOM_NL__2PRFIN20090905_141606_000000472082_00168_39300_3850.N1	05-SEP-2009 14:16:06	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	39300	No
113	GOM_NL__2PRFIN20090905_143628_000000432082_00168_39300_3851.N1	05-SEP-2009 14:36:28	Bright	43.000	90	54Alp Peg	2.4870	11000.	86	39300	No
114	GOM_NL__2PRFIN20090905_144041_000000432082_00168_39300_3852.N1	05-SEP-2009 14:40:41	Bright	43.000	164	44Eta Peg	2.9480	5400.0	86	39300	No
115	GOM_NL__2PRFIN20090905_145111_000000422082_00168_39300_3853.N1	05-SEP-2009 14:51:11	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	39300	No
116	GOM_NL__2PRFIN20090905_145314_000000442082_00168_39300_3854.N1	05-SEP-2009 14:53:14	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	39300	No
117	GOM_NL__2PRFIN20090905_150927_000000562082_00168_39300_3855.N1	05-SEP-2009 15:09:27	Bright	55.500	42	34Bet Aur	1.9000	10200.	111	39300	No
118	GOM_NL__2PRFIN20090905_151227_000000512082_00168_39300_3856.N1	05-SEP-2009 15:12:27	Bright	51.000	107	37The Aur	2.6490	11000.	102	39300	No
119	GOM_NL__2PRFIN20090905_151758_000000642082_00168_39300_3857.N1	05-SEP-2009 15:17:58	Twi_and_stray	63.500	151	13Mu Gem	2.8900	3000.0	127	39300	No
120	GOM_NL__2PRFIN20090905_151949_000000522082_00168_39300_3858.N1	05-SEP-2009 15:19:49	Twi_and_stray	51.500	44	24Gam Gem	1.9280	11000.	103	39300	No
121	GOM_NL__2PRFIN20090905_152947_000000522082_00168_39300_3859.N1	05-SEP-2009 15:29:47	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	39300	No
122	GOM_NL__2PRFIN20090905_153113_000000522082_00168_39300_3860.N1	05-SEP-2009 15:31:13	Dark	52.000	47	2Bet CMa	1.9760	28000.	104	39300	No
123	GOM_NL__2PRFIN20090905_153436_000000582082_00168_39300_3861.N1	05-SEP-2009 15:34:36	Dark	58.000	101	11Alp Lep	2.5820	7000.0	116	39300	No
124	GOM_NL__2PRFIN20090905_154930_000000552082_00169_39301_3863.N1	05-SEP-2009 15:49:30	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39301	No
125	GOM_NL__2PRFIN20090905_155643_000000482082_00169_39301_3864.N1	05-SEP-2009 15:56:43	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	39301	No
126	GOM_NL__2PRFIN20090905_161704_000000442082_00169_39301_3865.N1	05-SEP-2009 16:17:04	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	39301	No
127	GOM_NL__2PRFIN20090905_162117_000000402082_00169_39301_3866.N1	05-SEP-2009 16:21:17	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	39301	No
128	GOM_NL__2PRFIN20090905_163147_000000442082_00169_39301_3867.N1	05-SEP-2009 16:31:47	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	39301	No
129	GOM_NL__2PRFIN20090905_163350_000000462082_00169_39301_3868.N1	05-SEP-2009 16:33:50	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39301	No
130	GOM_NL__2PRFIN20090905_165002_000000482082_00169_39301_3869.N1	05-SEP-2009 16:50:02	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	39301	No
131	GOM_NL__2PRFIN20090905_165303_000000532082_00169_39301_3870.N1	05-SEP-2009 16:53:03	Bright	52.500	107	37The Aur	2.6490	11000.	105	39301	No
132	GOM_NL__2PRFIN20090905_165834_000000582082_00169_39301_3871.N1	05-SEP-2009 16:58:34	Twi_and_stray	58.000	151	13Mu Gem	2.8900	3000.0	116	39301	No
133	GOM_NL__2PRFIN20090905_170025_000000532082_00169_39301_3872.N1	05-SEP-2009 17:00:25	Twi_and_stray	53.000	44	24Gam Gem	1.9280	11000.	106	39301	No
134	GOM_NL__2PRFIN20090905_171023_000000522082_00169_39301_3873.N1	05-SEP-2009 17:10:23	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	39301	No
135	GOM_NL__2PRFIN20090905_171149_000000492082_00169_39301_3874.N1	05-SEP-2009 17:11:49	Dark	48.500	47	2Bet CMa	1.9760	28000.	97	39301	No
136	GOM_NL__2PRFIN20090905_171514_000000582082_00169_39301_3875.N1	05-SEP-2009 17:15:14	Dark	58.000	101	11Alp Lep	2.5820	7000.0	116	39301	No
137	GOM_NL__2PRFIN20090905_173007_000000562082_00170_39302_3880.N1	05-SEP-2009 17:30:07	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39302	No
138	GOM_NL__2PRFIN20090905_173719_000000472082_00170_39302_3881.N1	05-SEP-2009 17:37:19	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	39302	No
139	GOM_NL__2PRFIN20090905_175739_000000492082_00170_39302_3882.N1	05-SEP-2009 17:57:39	Bright	49.000	90	54Alp Peg	2.4870	11000.	98	39302	No
140	GOM_NL__2PRFIN20090905_180152_000000402082_00170_39302_3883.N1	05-SEP-2009 18:01:52	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	39302	No
141	GOM_NL__2PRFIN20090905_181222_000000432082_00170_39302_3884.N1	05-SEP-2009 18:12:22	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	39302	No
142	GOM_NL__2PRFIN20090905_181425_000000462082_00170_39302_3885.N1	05-SEP-2009 18:14:25	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39302	No
143	GOM_NL__2PRFIN20090905_183038_000000512082_00170_39302_3886.N1	05-SEP-2009 18:30:38	Bright	51.000	42	34Bet Aur	1.9000	10200.	102	39302	No
144	GOM_NL__2PRFIN20090905_183339_000000492082_00170_39302_3887.N1	05-SEP-2009 18:33:39	Bright	49.000	107	37The Aur	2.6490	11000.	98	39302	No
145	GOM_NL__2PRFIN20090905_183911_000000622082_00170_39302_3888.N1	05-SEP-2009 18:39:11	Twi_and_stray	61.500	151	13Mu Gem	2.8900	3000.0	123	39302	No
146	GOM_NL__2PRFIN20090905_184101_000000532082_00170_39302_3889.N1	05-SEP-2009 18:41:01	Twi_and_stray	52.500	44	24Gam Gem	1.9280	11000.	105	39302	No
147	GOM_NL__2PRFIN20090905_185100_000000582082_00170_39302_3890.N1	05-SEP-2009 18:51:00	Dark	58.000	1	9Alp CMa	-1.4400	11000.	116	39302	No
148	GOM_NL__2PRFIN20090905_185226_000000472082_00170_39302_3891.N1	05-SEP-2009 18:52:26	Dark	46.500	47	2Bet CMa	1.9760	28000.	93	39302	No
149	GOM_NL__2PRFIN20090905_185551_000000622082_00170_39302_3892.N1	05-SEP-2009 18:55:51	Dark	61.500	101	11Alp Lep	2.5820	7000.0	123	39302	No
150	GOM_NL__2PRFIN20090905_191044_000000562082_00171_39303_3897.N1	05-SEP-2009 19:10:44	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39303	No
151	GOM_NL__2PRFIN20090905_191756_000000462082_00171_39303_3898.N1	05-SEP-2009 19:17:56	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	39303	No
152	GOM_NL__2PRFIN20090905_193815_000000442082_00171_39303_3899.N1	05-SEP-2009 19:38:15	Bright	43.500	90	54Alp Peg	2.4870	11000.	87	39303	No
153	GOM_NL__2PRFIN20090905_194228_000000492082_00171_39303_3900.N1	05-SEP-2009 19:42:28	Bright	49.000	164	44Eta Peg	2.9480	5400.0	98	39303	No
154	GOM_NL__2PRFIN20090905_195258_000000442082_00171_39303_3901.N1	05-SEP-2009 19:52:58	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	39303	No
155	GOM_NL__2PRFIN20090905_195500_000000422082_00171_39303_3902.N1	05-SEP-2009 19:55:00	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	39303	No
156	GOM_NL__2PRFIN20090905_201114_000000482082_00171_39303_3903.N1	05-SEP-2009 20:11:14	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	39303	No
157	GOM_NL__2PRFIN20090905_201414_000000512082_00171_39303_3904.N1	05-SEP-2009 20:14:14	Bright	51.000	107	37The Aur	2.6490	11000.	102	39303	No
158	GOM_NL__2PRFIN20090905_201947_000000602082_00171_39303_3905.N1	05-SEP-2009 20:19:47	Twi_and_stray	60.000	151	13Mu Gem	2.8900	3000.0	120	39303	No
159	GOM_NL__2PRFIN20090905_202138_000000572082_00171_39303_3906.N1	05-SEP-2009 20:21:38	Twi_and_stray	56.500	44	24Gam Gem	1.9280	11000.	113	39303	No
160	GOM_NL__2PRFIN20090905_203137_000000542082_00171_39303_3907.N1	05-SEP-2009 20:31:37	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	39303	No

161	GOM_NL__2PRFIN20090905_203303_000000492082_00171_39303_3908.N1	05-SEP-2009 20:33:03	Dark	48.500	47	2Bet CMa	1.9760	28000.	97	39303	No
162	GOM_NL__2PRFIN20090905_203628_000000592082_00171_39303_3909.N1	05-SEP-2009 20:36:28	Dark	59.000	101	11Alp Lep	2.5820	7000.0	118	39303	No
163	GOM_NL__2PRFIN20090905_205121_000000562082_00172_39304_3915.N1	05-SEP-2009 20:51:21	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39304	No
164	GOM_NL__2PRFIN20090905_205832_000000462082_00172_39304_3916.N1	05-SEP-2009 20:58:32	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	39304	No
165	GOM_NL__2PRFIN20090905_211850_000000432082_00172_39304_3917.N1	05-SEP-2009 21:18:50	Bright	43.000	90	54Alp Peg	2.4870	11000.	86	39304	No
166	GOM_NL__2PRFIN20090905_212303_000000402082_00172_39304_3918.N1	05-SEP-2009 21:23:03	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	39304	No
167	GOM_NL__2PRFIN20090905_213333_000000432082_00172_39304_3919.N1	05-SEP-2009 21:33:33	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	39304	No
168	GOM_NL__2PRFIN20090905_213535_000000432082_00172_39304_3920.N1	05-SEP-2009 21:35:35	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	39304	No
169	GOM_NL__2PRFIN20090905_215150_000000512082_00172_39304_3921.N1	05-SEP-2009 21:51:50	Bright	51.000	42	34Bet Aur	1.9000	10200.	102	39304	No
170	GOM_NL__2PRFIN20090905_215450_000000562082_00172_39304_3922.N1	05-SEP-2009 21:54:50	Bright	56.000	107	37The Aur	2.6490	11000.	112	39304	No
171	GOM_NL__2PRFIN20090905_220023_000000612082_00172_39304_3923.N1	05-SEP-2009 22:00:23	Tw_i_and_stray	61.000	151	13Mu Gem	2.8900	3000.0	122	39304	No
172	GOM_NL__2PRFIN20090905_220214_000000552082_00172_39304_3924.N1	05-SEP-2009 22:02:14	Tw_i_and_stray	54.500	44	24Gam Gem	1.9280	11000.	109	39304	No
173	GOM_NL__2PRFIN20090905_221213_000000532082_00172_39304_3925.N1	05-SEP-2009 22:12:13	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	39304	No
174	GOM_NL__2PRFIN20090905_221340_000000482082_00172_39304_3926.N1	05-SEP-2009 22:13:40	Dark	48.000	47	2Bet CMa	1.9760	28000.	96	39304	No
175	GOM_NL__2PRFIN20090905_221706_000000602082_00172_39304_3927.N1	05-SEP-2009 22:17:06	Dark	60.000	101	11Alp Lep	2.5820	7000.0	120	39304	No
176	GOM_NL__2PRFIN20090905_223158_000000552082_00173_39305_3934.N1	05-SEP-2009 22:31:58	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39305	No
177	GOM_NL__2PRFIN20090905_223909_000000532082_00173_39305_3935.N1	05-SEP-2009 22:39:09	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	39305	No
178	GOM_NL__2PRFIN20090905_225926_000000452082_00173_39305_3936.N1	05-SEP-2009 22:59:26	Bright	44.500	90	54Alp Peg	2.4870	11000.	89	39305	No
179	GOM_NL__2PRFIN20090905_230339_000000422082_00173_39305_3937.N1	05-SEP-2009 23:03:39	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	39305	No
180	GOM_NL__2PRFIN20090905_231408_000000442082_00173_39305_3938.N1	05-SEP-2009 23:14:08	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	39305	No
181	GOM_NL__2PRFIN20090905_231610_000000442082_00173_39305_3939.N1	05-SEP-2009 23:16:10	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	39305	No
182	GOM_NL__2PRFIN20090905_233225_000000512082_00173_39305_3940.N1	05-SEP-2009 23:32:25	Bright	51.000	42	34Bet Aur	1.9000	10200.	102	39305	No
183	GOM_NL__2PRFIN20090905_233526_000000532082_00173_39305_3941.N1	05-SEP-2009 23:35:26	Bright	52.500	107	37The Aur	2.6490	11000.	105	39305	No
184	GOM_NL__2PRFIN20090905_234059_000000672082_00173_39305_3942.N1	05-SEP-2009 23:40:59	Tw_i_and_stray	66.500	151	13Mu Gem	2.8900	3000.0	133	39305	No
185	GOM_NL__2PRFIN20090905_234250_000000562082_00173_39305_3943.N1	05-SEP-2009 23:42:50	Tw_i_and_stray	55.500	44	24Gam Gem	1.9280	11000.	111	39305	No
186	GOM_NL__2PRFIN20090905_235250_000000532082_00173_39305_3944.N1	05-SEP-2009 23:52:50	Dark	53.000	1	9Alp CMa	-1.4400	11000.	106	39305	No
187	GOM_NL__2PRFIN20090905_235416_000000512082_00173_39305_3945.N1	05-SEP-2009 23:54:16	Dark	50.500	47	2Bet CMa	1.9760	28000.	101	39305	No

3. Quality information per product

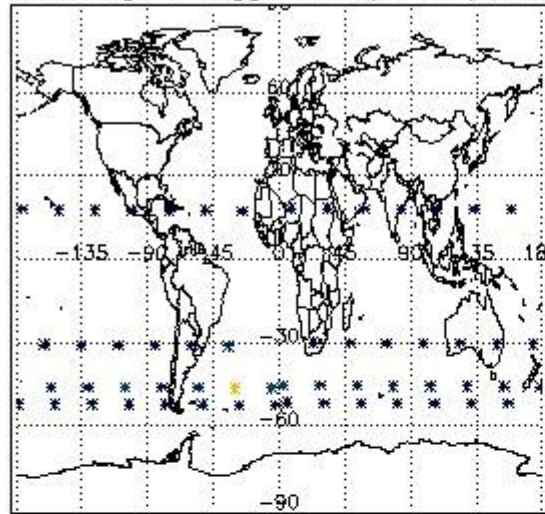
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

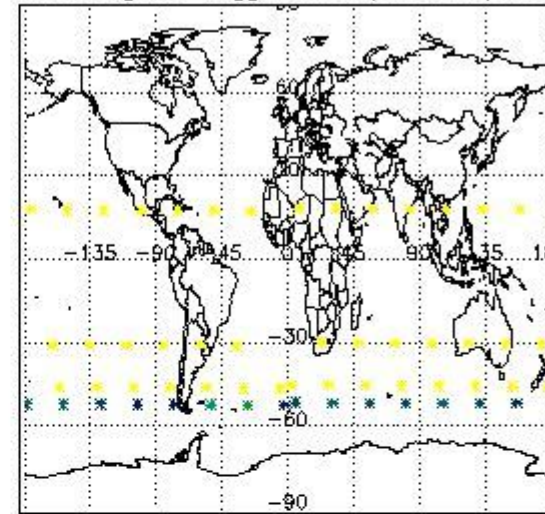


3.2 Plot quality information per product (world map)

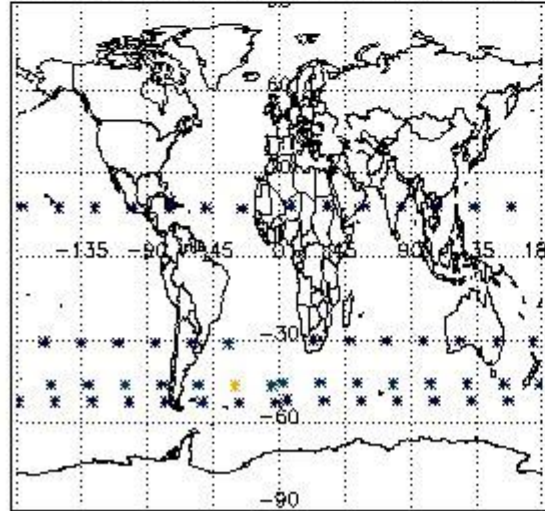
Percentage of flagged data per O3 profile



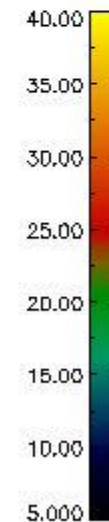
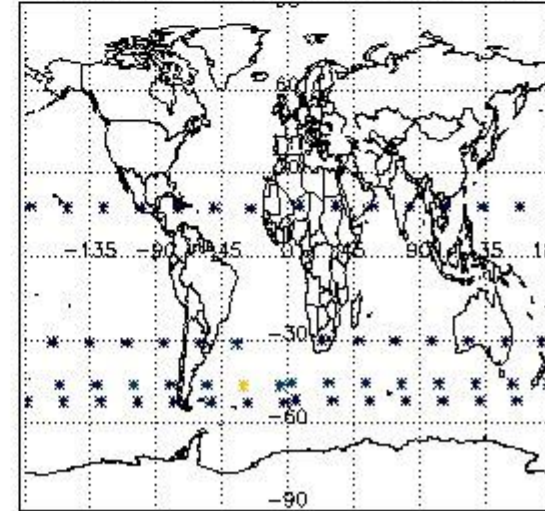
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

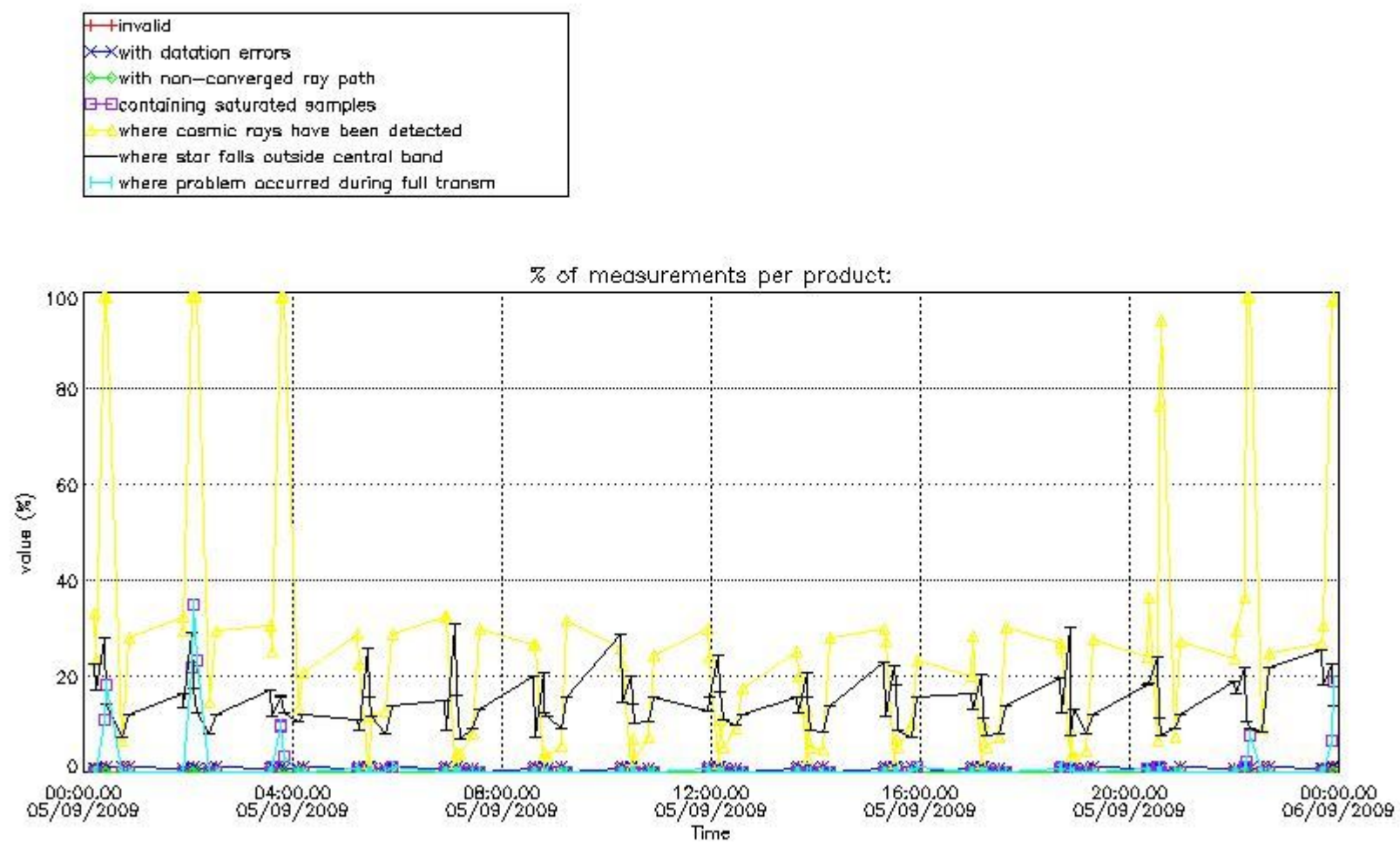


4. Level 1 quality information per product

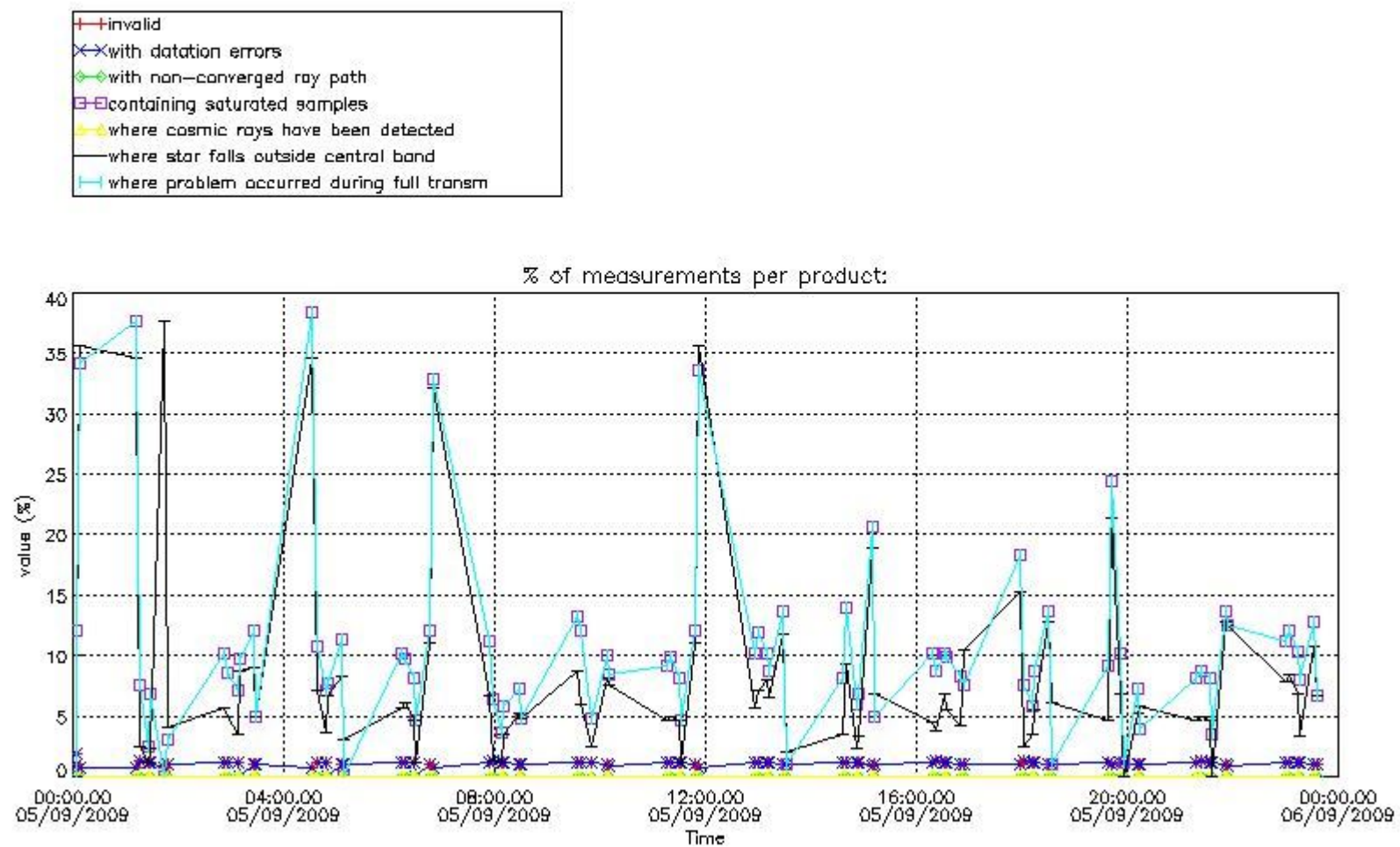
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



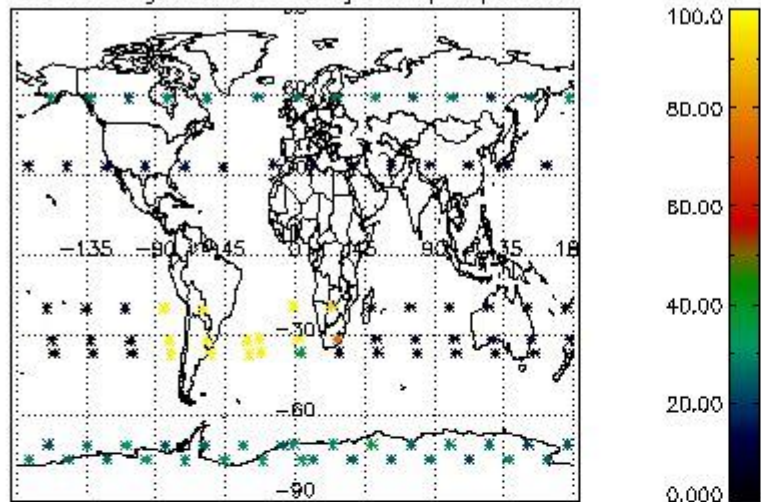
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



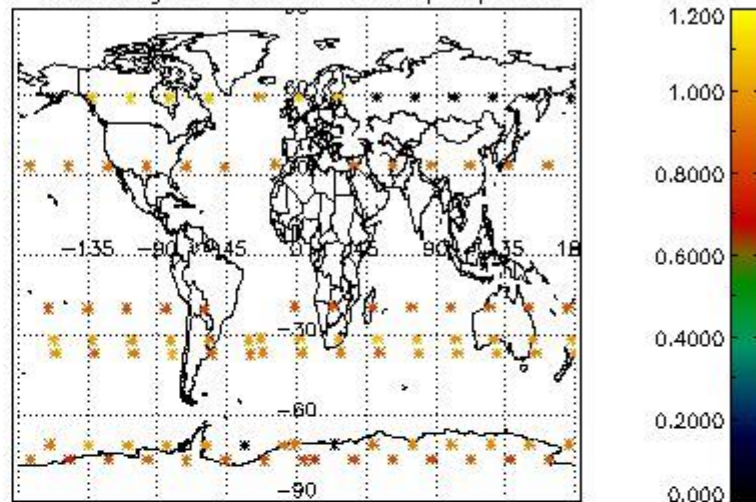
4.2 Plot quality information per product coming from level 1b processing (world map)

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

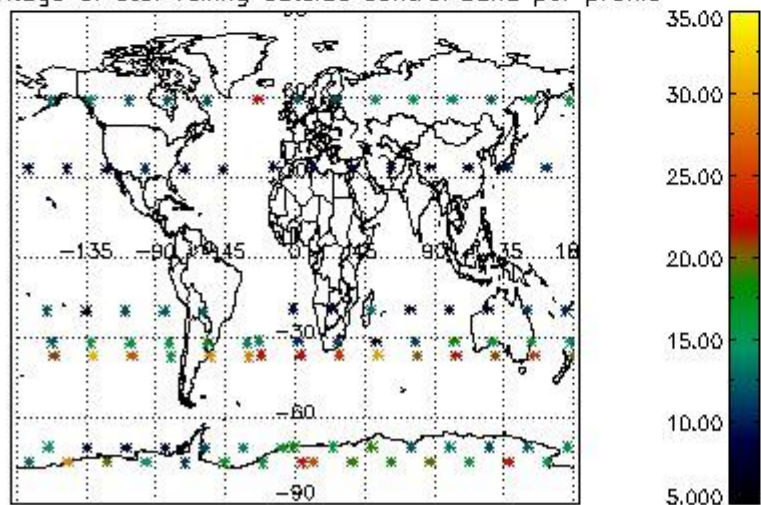
Percentage of cosmic ray hits per profile



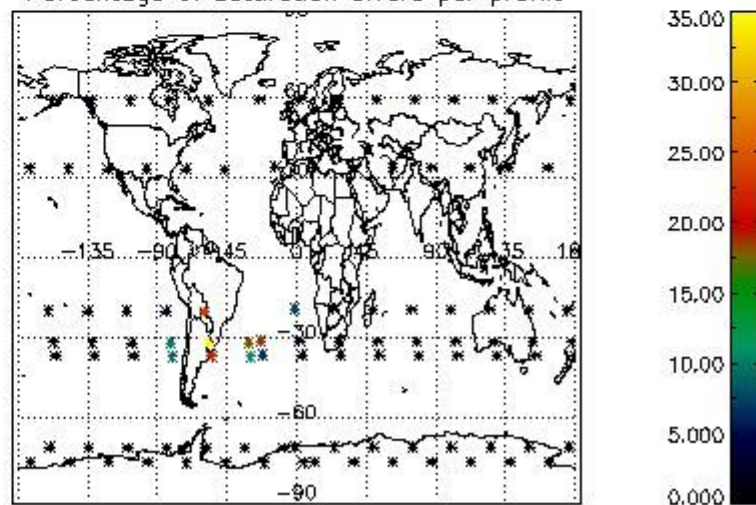
Percentage of datation errors per profile



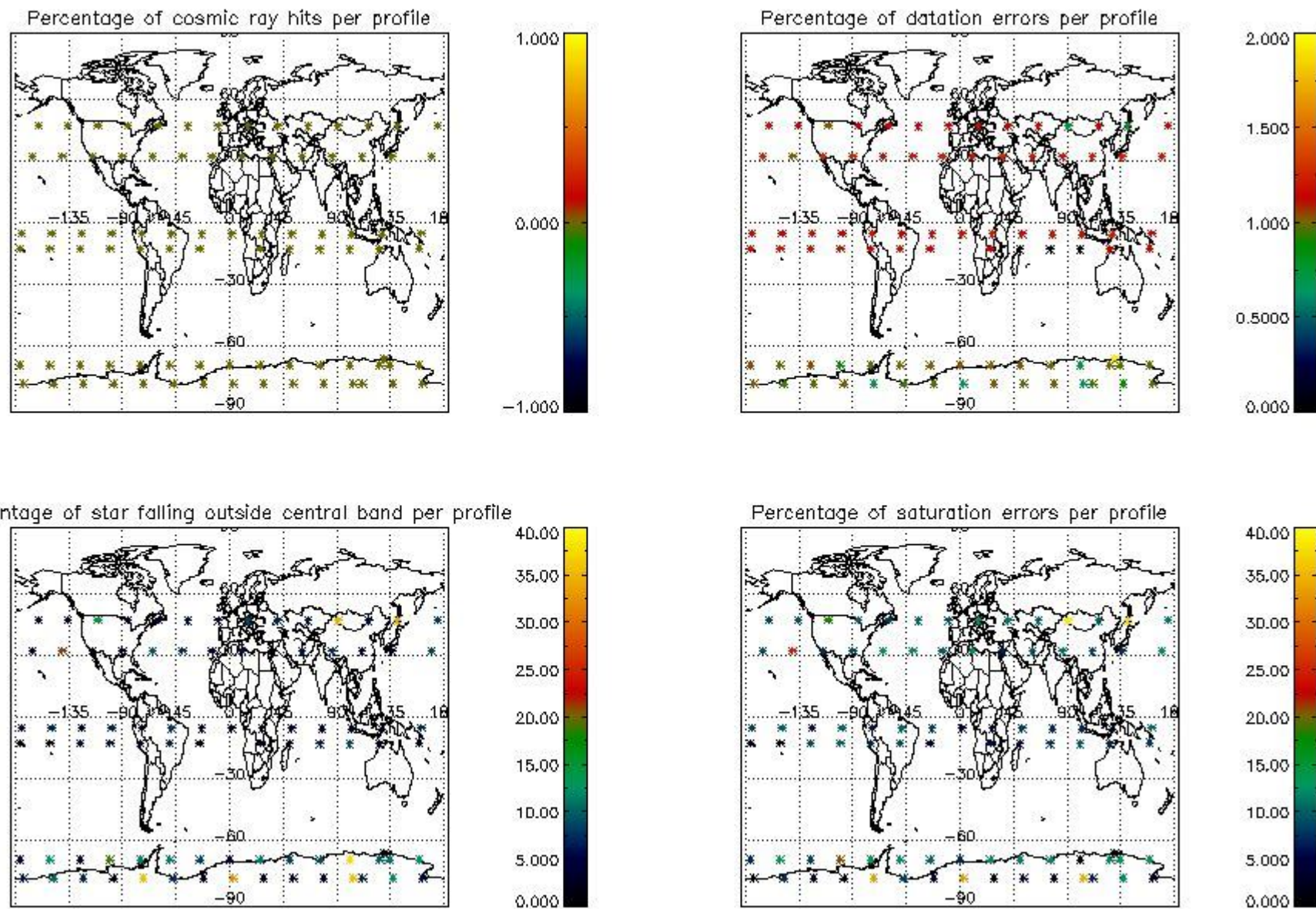
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

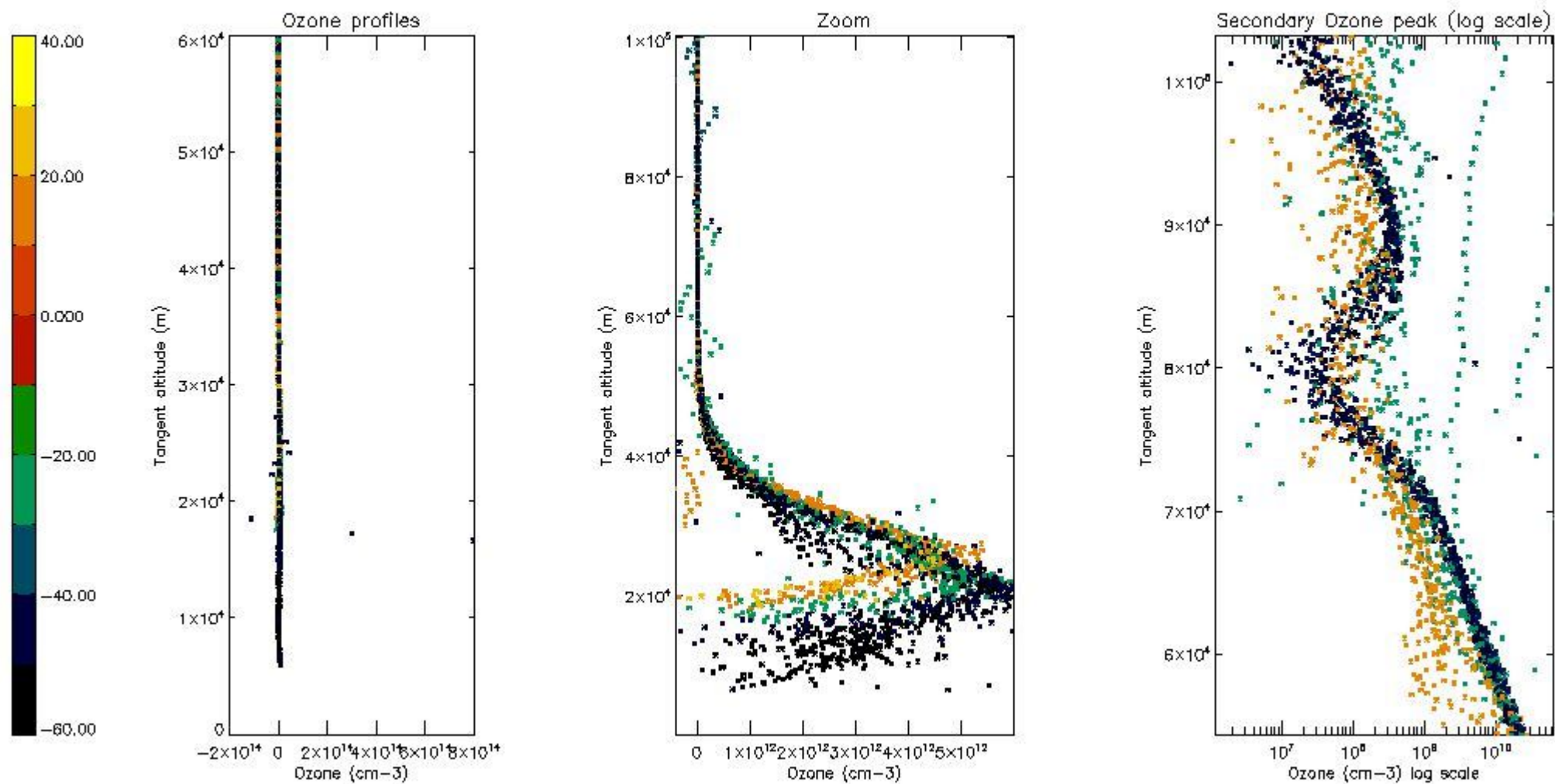
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	18

STD < 10	15
STD < 5	9

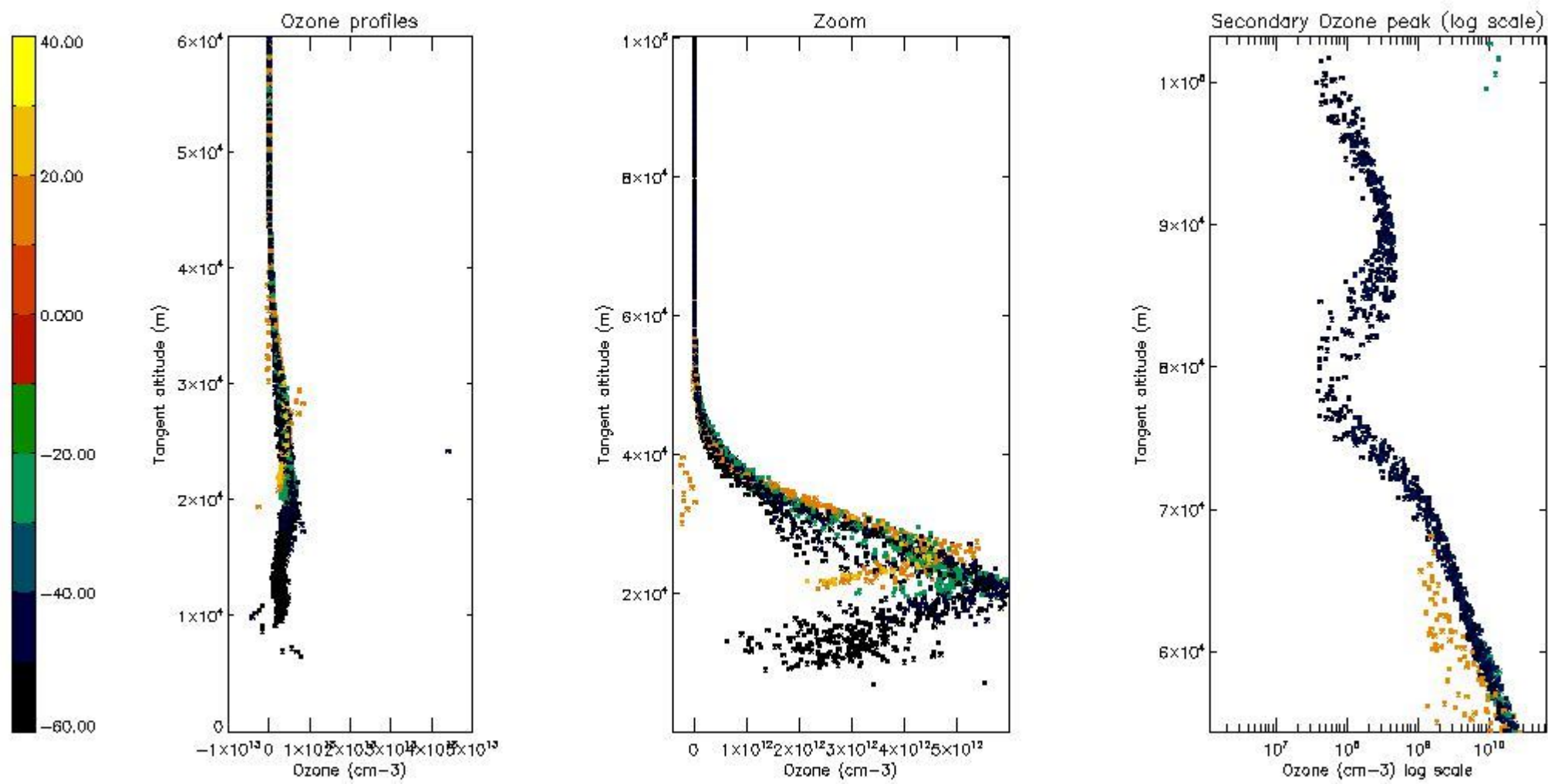
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



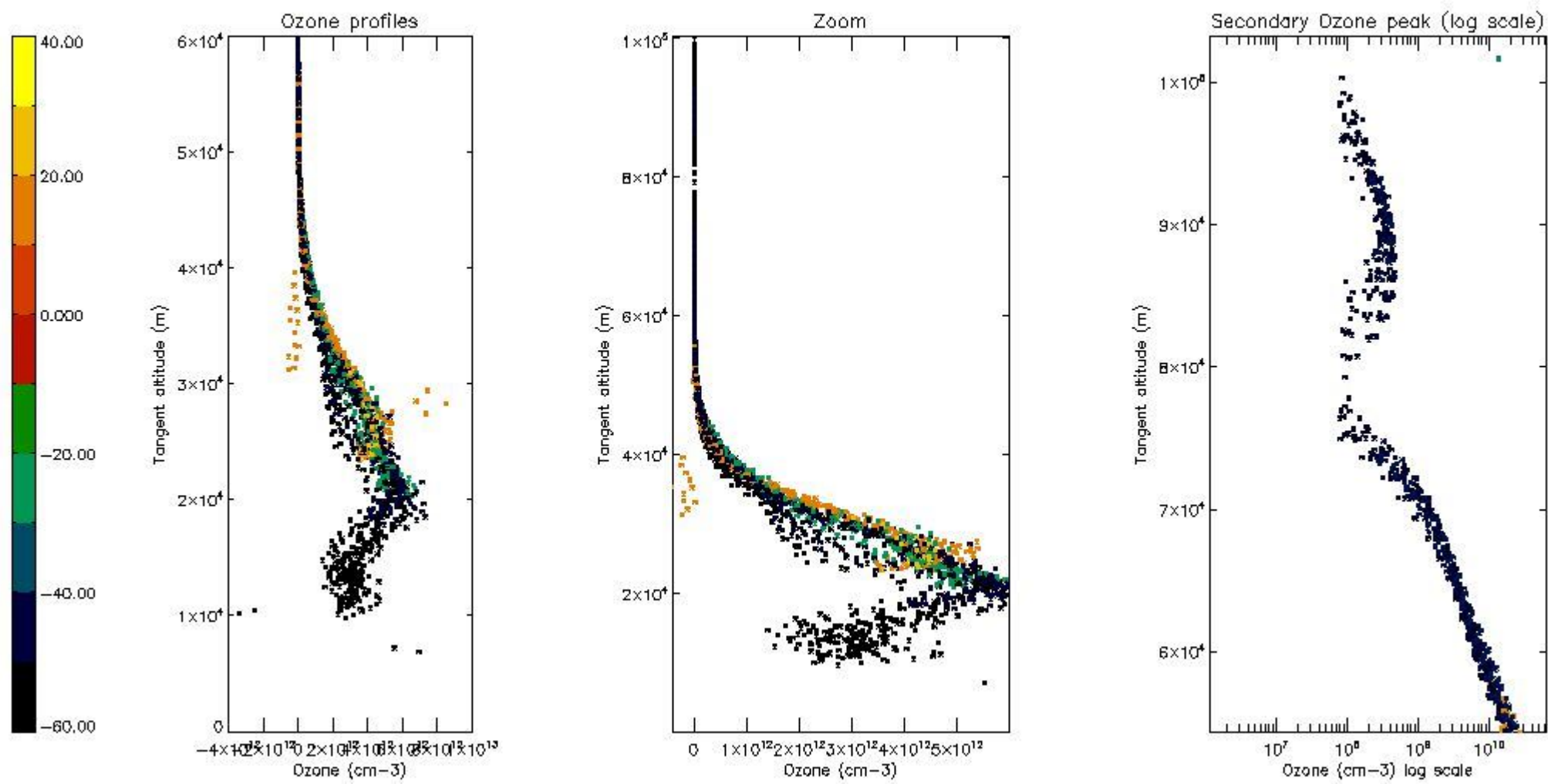
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



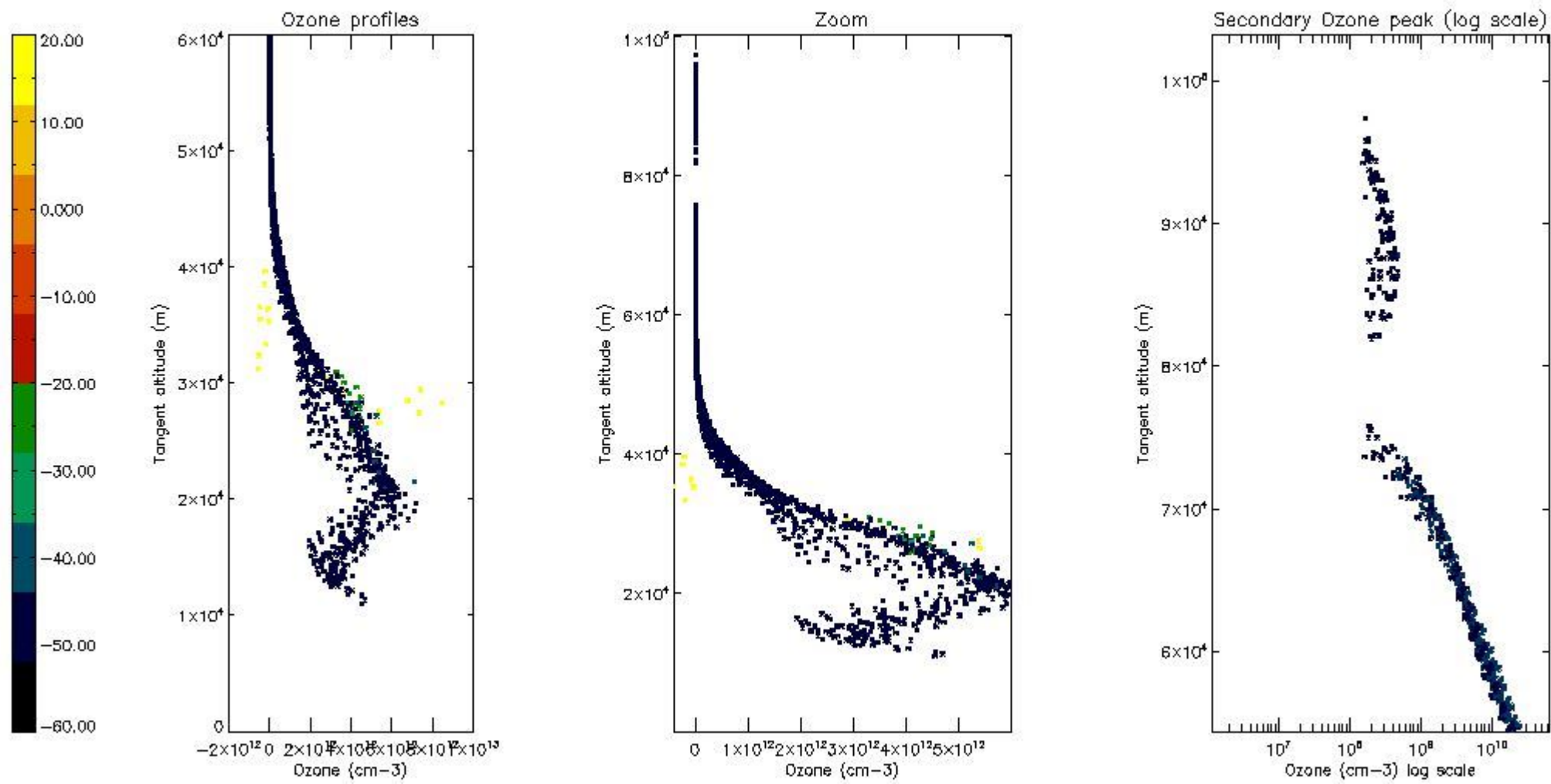
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



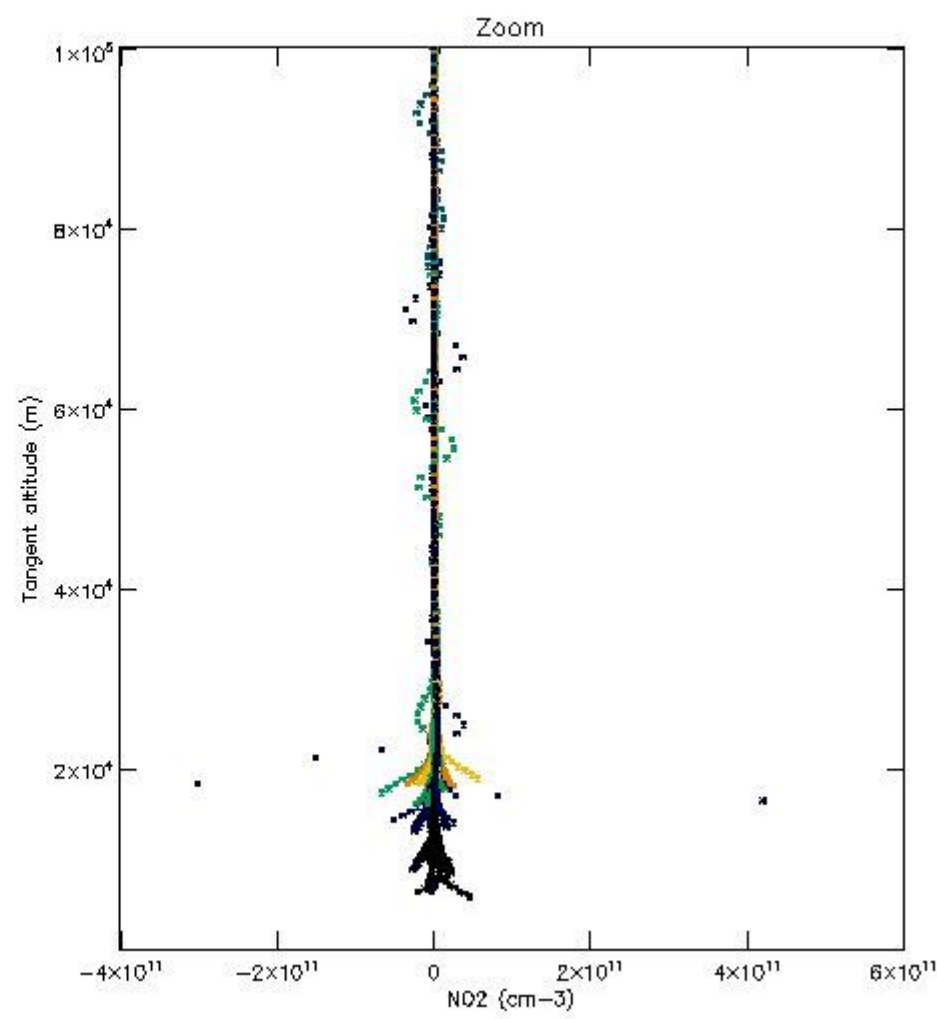
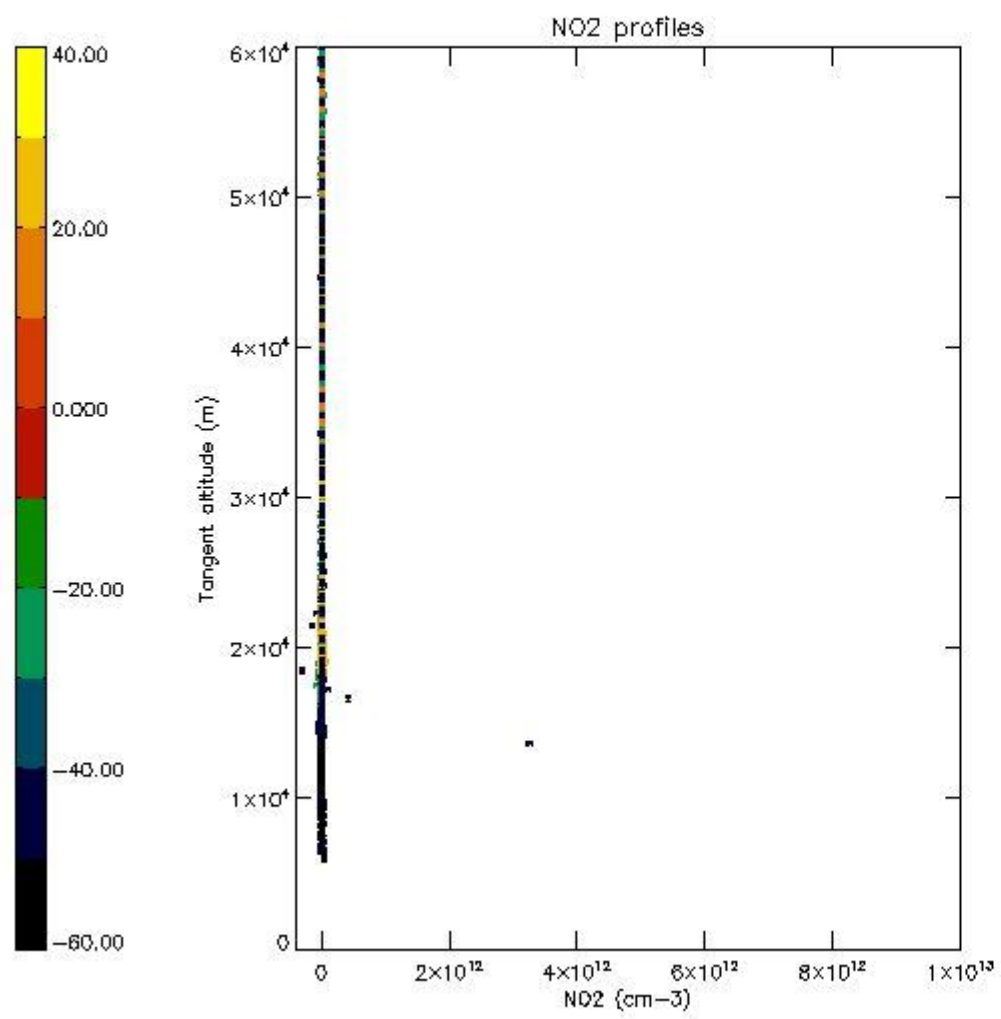
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



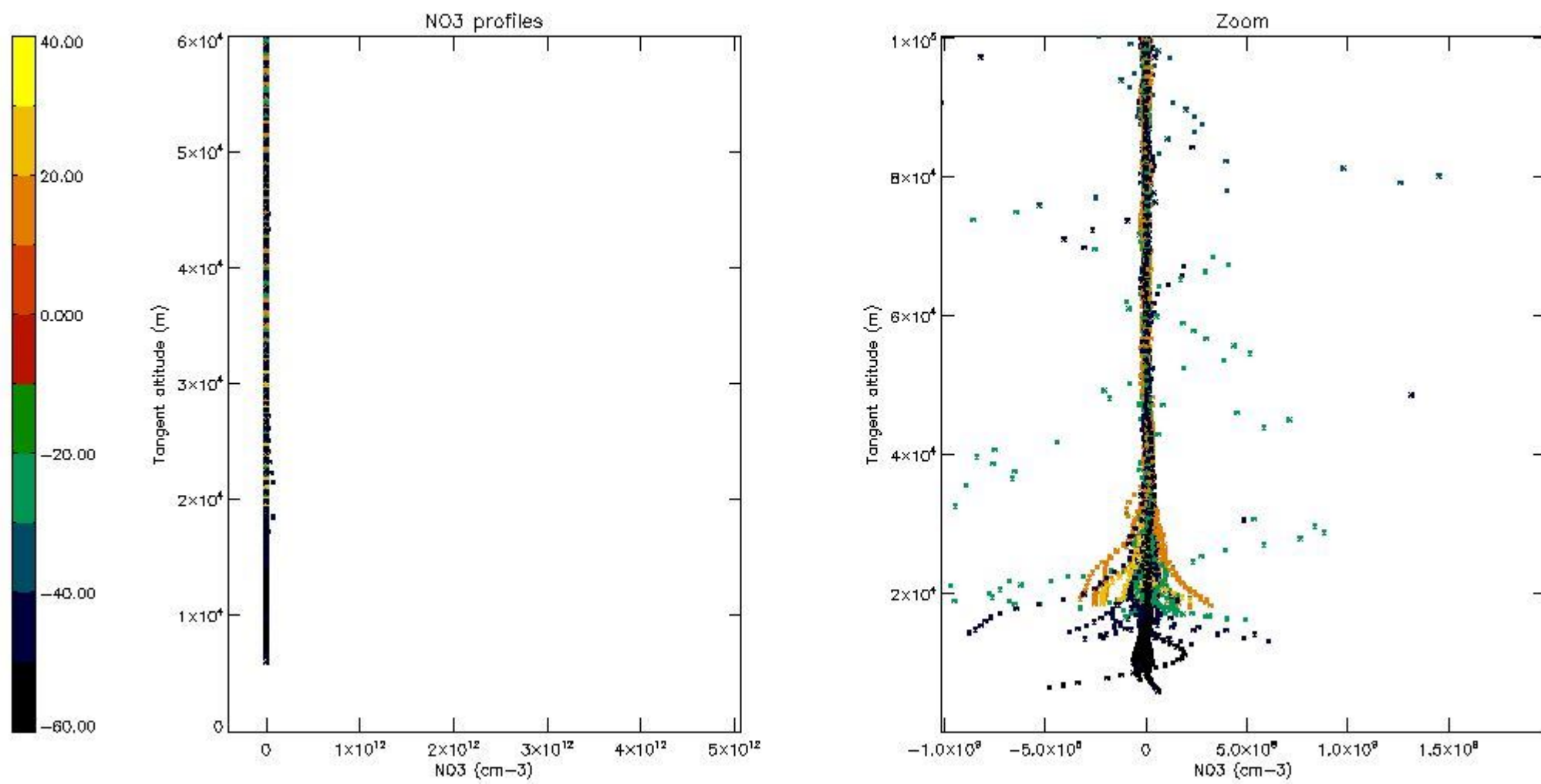
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



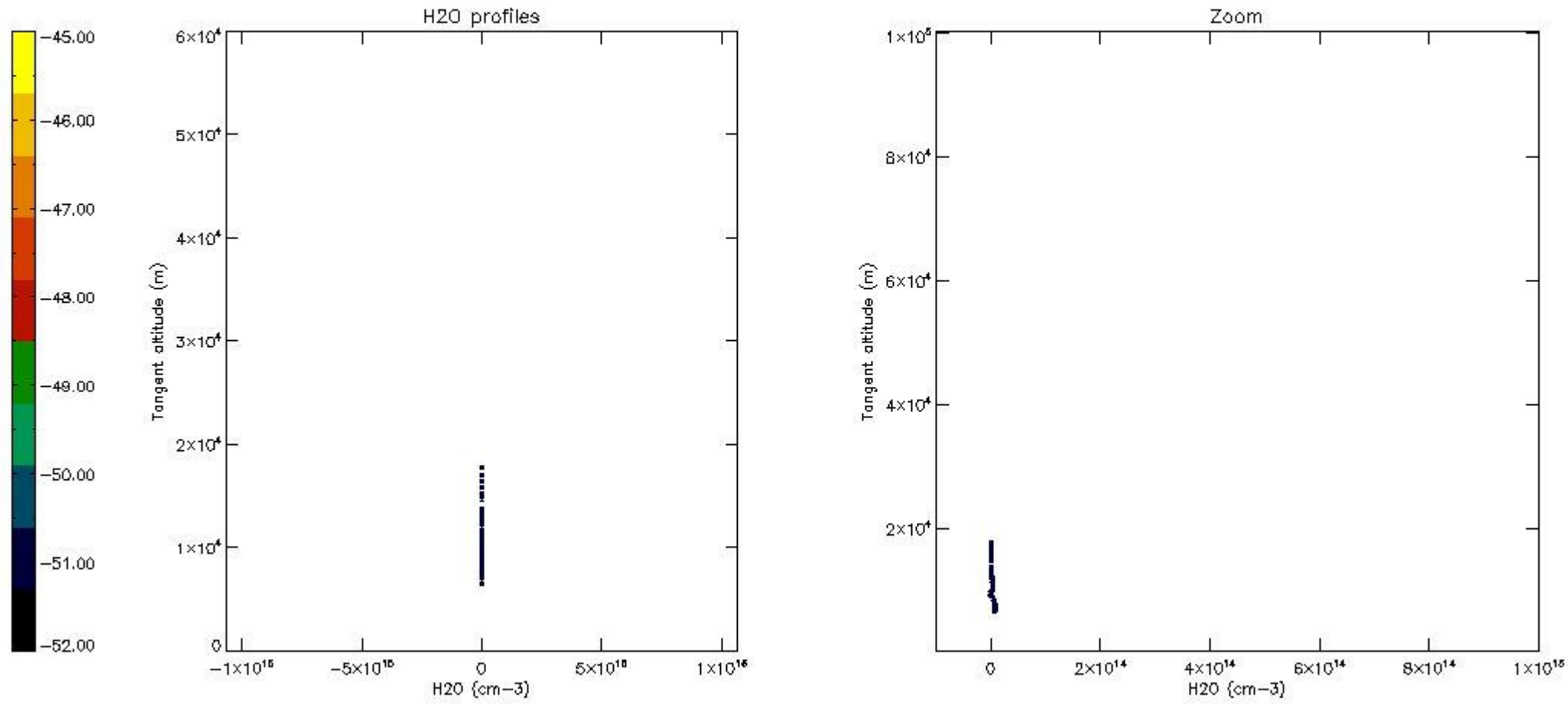
5.7 Plot NO3 profiles for all STD (dark without errors)

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	05-SEP-2009 00:03:04
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	05-SEP-2009 00:03:04
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	05-SEP-2009 00:03:04

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

[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 12:29:28
Data source version	GOMOS/6.01
Start time of products	05-09-2009 (05SEP2009 00:00:00)
Stop time of products	06-09-2009 (06SEP2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	187
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__2PRFIN20090905_000304_000000262082_00159_39291_3689.N1	05-SEP-2009 00:03:04	Twilight	26.000	6	13Alp Aur	0.080000	3400.0	52	39291	No
2	GOM_NL__2PRFIN20090905_000405_000000502082_00159_39291_3690.N1	05-SEP-2009 00:04:05	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	39291	No
3	GOM_NL__2PRFIN20090905_000703_000000732082_00159_39291_3691.N1	05-SEP-2009 00:07:03	Bright	73.000	107	37The Aur	2.6490	11000.	146	39291	No
4	GOM_NL__2PRFIN20090905_001231_000000622082_00159_39291_3692.N1	05-SEP-2009 00:12:31	Twilight	62.000	151	13Mu Gem	2.8900	3000.0	124	39291	No
5	GOM_NL__2PRFIN20090905_001421_000000562082_00159_39291_3693.N1	05-SEP-2009 00:14:21	Twilight	55.500	44	24Gam Gem	1.9280	11000.	111	39291	No
6	GOM_NL__2PRFIN20090905_002417_000000562082_00159_39291_3694.N1	05-SEP-2009 00:24:17	Dark	55.500	1	9Alp CMa	-1.4400	11000.	111	39291	No
7	GOM_NL__2PRFIN20090905_002541_000000502082_00159_39291_3695.N1	05-SEP-2009 00:25:41	Dark	50.000	47	2Bet CMa	1.9760	28000.	100	39291	No
8	GOM_NL__2PRFIN20090905_004356_000000552082_00160_39292_3699.N1	05-SEP-2009 00:43:56	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39292	No
9	GOM_NL__2PRFIN20090905_005115_000000472082_00160_39292_3700.N1	05-SEP-2009 00:51:15	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	39292	No
10	GOM_NL__2PRFIN20090905_011144_000000652082_00160_39292_3701.N1	05-SEP-2009 01:11:44	Bright	65.000	90	54Alp Peg	2.4870	11000.	130	39292	No
11	GOM_NL__2PRFIN20090905_011557_000000402082_00160_39292_3702.N1	05-SEP-2009 01:15:57	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	39292	No
12	GOM_NL__2PRFIN20090905_012629_000000412082_00160_39292_3703.N1	05-SEP-2009 01:26:29	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	39292	No
13	GOM_NL__2PRFIN20090905_012832_000000442082_00160_39292_3704.N1	05-SEP-2009 01:28:32	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	39292	No
14	GOM_NL__2PRFIN20090905_014440_000000692082_00160_39292_3705.N1	05-SEP-2009 01:44:40	Bright	69.000	42	34Bet Aur	1.9000	10200.	138	39292	No
15	GOM_NL__2PRFIN20090905_014739_000000492082_00160_39292_3706.N1	05-SEP-2009 01:47:39	Bright	49.000	107	37The Aur	2.6490	11000.	98	39292	No
16	GOM_NL__2PRFIN20090905_015307_000000592082_00160_39292_3707.N1	05-SEP-2009 01:53:07	Twilight	58.500	151	13Mu Gem	2.8900	3000.0	117	39292	No
17	GOM_NL__2PRFIN20090905_015457_000000532082_00160_39292_3708.N1	05-SEP-2009 01:54:57	Twilight	52.500	44	24Gam Gem	1.9280	11000.	105	39292	No
18	GOM_NL__2PRFIN20090905_020453_000000572082_00160_39292_3709.N1	05-SEP-2009 02:04:53	Dark	57.000	1	9Alp CMa	-1.4400	11000.	114	39292	No
19	GOM_NL__2PRFIN20090905_020618_000000522082_00160_39292_3710.N1	05-SEP-2009 02:06:18	Dark	51.500	47	2Bet CMa	1.9760	28000.	103	39292	No
20	GOM_NL__2PRFIN20090905_020938_000000612082_00160_39292_3711.N1	05-SEP-2009 02:09:38	Dark	60.500	101	11Alp Lep	2.5820	7000.0	121	39292	No
21	GOM_NL__2PRFIN20090905_022433_000000562082_00161_39293_3714.N1	05-SEP-2009 02:24:33	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39293	No
22	GOM_NL__2PRFIN20090905_023151_000000462082_00161_39293_3715.N1	05-SEP-2009 02:31:51	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	39293	No
23	GOM_NL__2PRFIN20090905_025219_000000442082_00161_39293_3716.N1	05-SEP-2009 02:52:19	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	39293	No
24	GOM_NL__2PRFIN20090905_025632_000000412082_00161_39293_3717.N1	05-SEP-2009 02:56:32	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	39293	No
25	GOM_NL__2PRFIN20090905_030704_000000432082_00161_39293_3718.N1	05-SEP-2009 03:07:04	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	39293	No
26	GOM_NL__2PRFIN20090905_030907_000000462082_00161_39293_3719.N1	05-SEP-2009 03:09:07	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	39293	No
27	GOM_NL__2PRFIN20090905_032516_000000502082_00161_39293_3720.N1	05-SEP-2009 03:25:16	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	39293	No
28	GOM_NL__2PRFIN20090905_032815_000000512082_00161_39293_3721.N1	05-SEP-2009 03:28:15	Bright	50.500	107	37The Aur	2.6490	11000.	101	39293	No
29	GOM_NL__2PRFIN20090905_033344_000000592082_00161_39293_3722.N1	05-SEP-2009 03:33:44	Twilight	59.000	151	13Mu Gem	2.8900	3000.0	118	39293	No
30	GOM_NL__2PRFIN20090905_033534_000000522082_00161_39293_3723.N1	05-SEP-2009 03:35:34	Twilight	51.500	44	24Gam Gem	1.9280	11000.	103	39293	No
31	GOM_NL__2PRFIN20090905_034530_000000492082_00161_39293_3724.N1	05-SEP-2009 03:45:30	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	39293	No
32	GOM_NL__2PRFIN20090905_034655_000000512082_00161_39293_3725.N1	05-SEP-2009 03:46:55	Dark	50.500	47	2Bet CMa	1.9760	28000.	101	39293	No
33	GOM_NL__2PRFIN20090905_035015_000000612082_00161_39293_3726.N1	05-SEP-2009 03:50:15	Dark	60.500	101	11Alp Lep	2.5820	7000.0	121	39293	No
34	GOM_NL__2PRFIN20090905_040510_000000572082_00162_39294_3728.N1	05-SEP-2009 04:05:10	Dark	56.500	157	The1Eri	2.9060	9300.0	113	39294	No
35	GOM_NL__2PRFIN20090905_041228_000000462082_00162_39294_3729.N1	05-SEP-2009 04:12:28	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	39294	No
36	GOM_NL__2PRFIN20090905_043255_000000652082_00162_39294_3730.N1	05-SEP-2009 04:32:55	Bright	65.000	90	54Alp Peg	2.4870	11000.	130	39294	No
37	GOM_NL__2PRFIN20090905_043708_000000422082_00162_39294_3731.N1	05-SEP-2009 04:37:08	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	39294	No
38	GOM_NL__2PRFIN20090905_044739_000000422082_00162_39294_3732.N1	05-SEP-2009 04:47:39	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	39294	No
39	GOM_NL__2PRFIN20090905_044943_000000452082_00162_39294_3733.N1	05-SEP-2009 04:49:43	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	39294	No
40	GOM_NL__2PRFIN20090905_050552_000000492082_00162_39294_3734.N1	05-SEP-2009 05:05:52	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	39294	No
41	GOM_NL__2PRFIN20090905_050851_000000492082_00162_39294_3735.N1	05-SEP-2009 05:08:51	Bright	48.500	107	37The Aur	2.6490	11000.	97	39294	No
42	GOM_NL__2PRFIN20090905_051420_000000562082_00162_39294_3736.N1	05-SEP-2009 05:14:20	Twilight	55.500	151	13Mu Gem	2.8900	3000.0	111	39294	No

43	GOM_NL__2PRFIN20090905_051610_000000512082_00162_39294_3737.N1	05-SEP-2009 05:16:10	Twilight	51.000	44	24Gam Gem	1.9280	11000.	102	39294	No
44	GOM_NL__2PRFIN20090905_052607_000000542082_00162_39294_3738.N1	05-SEP-2009 05:26:07	Dark	54.000	1	9Alp CMA	-1.4400	11000.	108	39294	No
45	GOM_NL__2PRFIN20090905_052732_000000512082_00162_39294_3739.N1	05-SEP-2009 05:27:32	Dark	51.000	47	2Bet CMA	1.9760	28000.	102	39294	No
46	GOM_NL__2PRFIN20090905_053052_000000602082_00162_39294_3740.N1	05-SEP-2009 05:30:52	Dark	60.000	101	11Alp Lep	2.5820	7000.0	120	39294	No
47	GOM_NL__2PRFIN20090905_054547_000000562082_00163_39295_3743.N1	05-SEP-2009 05:45:47	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39295	No
48	GOM_NL__2PRFIN20090905_055304_000000472082_00163_39295_3744.N1	05-SEP-2009 05:53:04	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	39295	No
49	GOM_NL__2PRFIN20090905_061330_000000442082_00163_39295_3745.N1	05-SEP-2009 06:13:30	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	39295	No
50	GOM_NL__2PRFIN20090905_061744_000000412082_00163_39295_3746.N1	05-SEP-2009 06:17:44	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	39295	No
51	GOM_NL__2PRFIN20090905_062815_000000432082_00163_39295_3747.N1	05-SEP-2009 06:28:15	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	39295	No
52	GOM_NL__2PRFIN20090905_063018_000000432082_00163_39295_3748.N1	05-SEP-2009 06:30:18	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	39295	No
53	GOM_NL__2PRFIN20090905_064628_000000502082_00163_39295_3749.N1	05-SEP-2009 06:46:28	Bright	49.500	42	34Bet Aur	1.9000	10200.	99	39295	No
54	GOM_NL__2PRFIN20090905_064927_000000732082_00163_39295_3750.N1	05-SEP-2009 06:49:27	Bright	73.000	107	37The Aur	2.6490	11000.	146	39295	No
55	GOM_NL__2PRFIN20090905_065456_000000572082_00163_39295_3751.N1	05-SEP-2009 06:54:56	Twilight	57.000	151	13Mu Gem	2.8900	3000.0	114	39295	No
56	GOM_NL__2PRFIN20090905_065647_000000512082_00163_39295_3752.N1	05-SEP-2009 06:56:47	Twilight	51.000	44	24Gam Gem	1.9280	11000.	102	39295	No
57	GOM_NL__2PRFIN20090905_070643_000000582082_00163_39295_3753.N1	05-SEP-2009 07:06:43	Dark	58.000	1	9Alp CMA	-1.4400	11000.	116	39295	No
58	GOM_NL__2PRFIN20090905_070809_000000512082_00163_39295_3754.N1	05-SEP-2009 07:08:09	Dark	50.500	47	2Bet CMA	1.9760	28000.	101	39295	No
59	GOM_NL__2PRFIN20090905_071130_000000572082_00163_39295_3755.N1	05-SEP-2009 07:11:30	Dark	57.000	101	11Alp Lep	2.5820	7000.0	114	39295	No
60	GOM_NL__2PRFIN20090905_072625_000000562082_00164_39296_3777.N1	05-SEP-2009 07:26:25	Dark	56.000	157	The1Eri	2.9060	9300.0	112	39296	No
61	GOM_NL__2PRFIN20090905_073341_000000462082_00164_39296_3778.N1	05-SEP-2009 07:33:41	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	39296	No
62	GOM_NL__2PRFIN20090905_075406_000000452082_00164_39296_3779.N1	05-SEP-2009 07:54:06	Bright	44.500	90	54Alp Peg	2.4870	11000.	89	39296	No
63	GOM_NL__2PRFIN20090905_075819_000000392082_00164_39296_3780.N1	05-SEP-2009 07:58:19	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	39296	No
64	GOM_NL__2PRFIN20090905_080850_000000412082_00164_39296_3781.N1	05-SEP-2009 08:08:50	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	39296	No
65	GOM_NL__2PRFIN20090905_081054_000000442082_00164_39296_3782.N1	05-SEP-2009 08:10:54	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	39296	No
66	GOM_NL__2PRFIN20090905_082704_000000482082_00164_39296_3783.N1	05-SEP-2009 08:27:04	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	39296	No
67	GOM_NL__2PRFIN20090905_083003_000000522082_00164_39296_3784.N1	05-SEP-2009 08:30:03	Bright	51.500	107	37The Aur	2.6490	11000.	103	39296	No
68	GOM_NL__2PRFIN20090905_083533_000000612082_00164_39296_3785.N1	05-SEP-2009 08:35:33	Twilight	60.500	151	13Mu Gem	2.8900	3000.0	121	39296	No
69	GOM_NL__2PRFIN20090905_083723_000000492082_00164_39296_3786.N1	05-SEP-2009 08:37:23	Twilight	49.000	44	24Gam Gem	1.9280	11000.	98	39296	No
70	GOM_NL__2PRFIN20090905_084720_000000512082_00164_39296_3787.N1	05-SEP-2009 08:47:20	Dark	50.500	1	9Alp CMA	-1.4400	11000.	101	39296	No
71	GOM_NL__2PRFIN20090905_084845_000000492082_00164_39296_3788.N1	05-SEP-2009 08:48:45	Dark	49.000	47	2Bet CMA	1.9760	28000.	98	39296	No
72	GOM_NL__2PRFIN20090905_085207_000000602082_00164_39296_3789.N1	05-SEP-2009 08:52:07	Dark	60.000	101	11Alp Lep	2.5820	7000.0	120	39296	No
73	GOM_NL__2PRFIN20090905_090702_000000552082_00165_39297_3801.N1	05-SEP-2009 09:07:02	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39297	No
74	GOM_NL__2PRFIN20090905_091417_000000482082_00165_39297_3802.N1	05-SEP-2009 09:14:17	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	39297	No
75	GOM_NL__2PRFIN20090905_093442_000000462082_00165_39297_3803.N1	05-SEP-2009 09:34:42	Bright	45.500	90	54Alp Peg	2.4870	11000.	91	39297	No
76	GOM_NL__2PRFIN20090905_093854_000000422082_00165_39297_3804.N1	05-SEP-2009 09:38:54	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	39297	No
77	GOM_NL__2PRFIN20090905_094926_000000422082_00165_39297_3805.N1	05-SEP-2009 09:49:26	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	39297	No
78	GOM_NL__2PRFIN20090905_100739_000000502082_00165_39297_3806.N1	05-SEP-2009 10:07:39	Bright	49.500	42	34Bet Aur	1.9000	10200.	99	39297	No
79	GOM_NL__2PRFIN20090905_101039_000000532082_00165_39297_3807.N1	05-SEP-2009 10:10:39	Bright	53.000	107	37The Aur	2.6490	11000.	106	39297	No
80	GOM_NL__2PRFIN20090905_101609_000000682082_00165_39297_3808.N1	05-SEP-2009 10:16:09	Twilight	68.000	151	13Mu Gem	2.8900	3000.0	136	39297	No
81	GOM_NL__2PRFIN20090905_101759_000000552082_00165_39297_3809.N1	05-SEP-2009 10:17:59	Twilight	54.500	44	24Gam Gem	1.9280	11000.	109	39297	No
82	GOM_NL__2PRFIN20090905_102757_000000502082_00165_39297_3810.N1	05-SEP-2009 10:27:57	Dark	50.000	1	9Alp CMA	-1.4400	11000.	100	39297	No
83	GOM_NL__2PRFIN20090905_102922_000000502082_00165_39297_3811.N1	05-SEP-2009 10:29:22	Dark	49.500	47	2Bet CMA	1.9760	28000.	99	39297	No
84	GOM_NL__2PRFIN20090905_103244_000000602082_00165_39297_3812.N1	05-SEP-2009 10:32:44	Dark	59.500	101	11Alp Lep	2.5820	7000.0	119	39297	No
85	GOM_NL__2PRFIN20090905_104739_000000562082_00166_39298_3812.N1	05-SEP-2009 10:47:39	Dark	56.000	157	The1Eri	2.9060	9300.0	112	39298	No
86	GOM_NL__2PRFIN20090905_105454_000000482082_00166_39298_3813.N1	05-SEP-2009 10:54:54	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	39298	No
87	GOM_NL__2PRFIN20090905_111517_000000442082_00166_39298_3814.N1	05-SEP-2009 11:15:17	Bright	43.500	90	54Alp Peg	2.4870	11000.	87	39298	No
88	GOM_NL__2PRFIN20090905_111930_000000412082_00166_39298_3815.N1	05-SEP-2009 11:19:30	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	39298	No
89	GOM_NL__2PRFIN20090905_113001_000000432082_00166_39298_3816.N1	05-SEP-2009 11:30:01	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	39298	No
90	GOM_NL__2PRFIN20090905_113204_000000442082_00166_39298_3817.N1	05-SEP-2009 11:32:04	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	39298	No
91	GOM_NL__2PRFIN20090905_114815_000000502082_00166_39298_3818.N1	05-SEP-2009 11:48:15	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	39298	No
92	GOM_NL__2PRFIN20090905_115115_000000732082_00166_39298_3819.N1	05-SEP-2009 11:51:15	Bright	73.000	107	37The Aur	2.6490	11000.	146	39298	No
93	GOM_NL__2PRFIN20090905_115645_000000562082_00166_39298_3820.N1	05-SEP-2009 11:56:45	Twilight	55.500	151	13Mu Gem	2.8900	3000.0	111	39298	No
94	GOM_NL__2PRFIN20090905_115835_000000542082_00166_39298_3821.N1	05-SEP-2009 11:58:35	Twilight	54.000	44	24Gam Gem	1.9280	11000.	108	39298	No
95	GOM_NL__2PRFIN20090905_120833_000000532082_00166_39298_3822.N1	05-SEP-2009 12:08:33	Dark	53.000	1	9Alp CMA	-1.4400	11000.	106	39298	No
96	GOM_NL__2PRFIN20090905_120959_000000512082_00166_39298_3823.N1	05-SEP-2009 12:09:59	Dark	51.000	47	2Bet CMA	1.9760	28000.	102	39298	No
97	GOM_NL__2PRFIN20090905_121321_000000602082_00166_39298_3824.N1	05-SEP-2009 12:13:21	Dark	60.000	101	11Alp Lep	2.5820	7000.0	120	39298	No
98	GOM_NL__2PRFIN20090905_122816_000000562082_00167_39299_3828.N1	05-SEP-2009 12:28:16	Dark	56.000	157	The1Eri	2.9060	9300.0	112	39299	No
99	GOM_NL__2PRFIN20090905_123530_000000462082_00167_39299_3829.N1	05-SEP-2009 12:35:30	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	39299	No
100	GOM_NL__2PRFIN20090905_125552_000000442082_00167_39299_3830.N1	05-SEP-2009 12:55:52	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	39299	No
101	GOM_NL__2PRFIN20090905_130006_000000422082_00167_39299_3831.N1	05-SEP-2009 13:00:06	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	39299	No

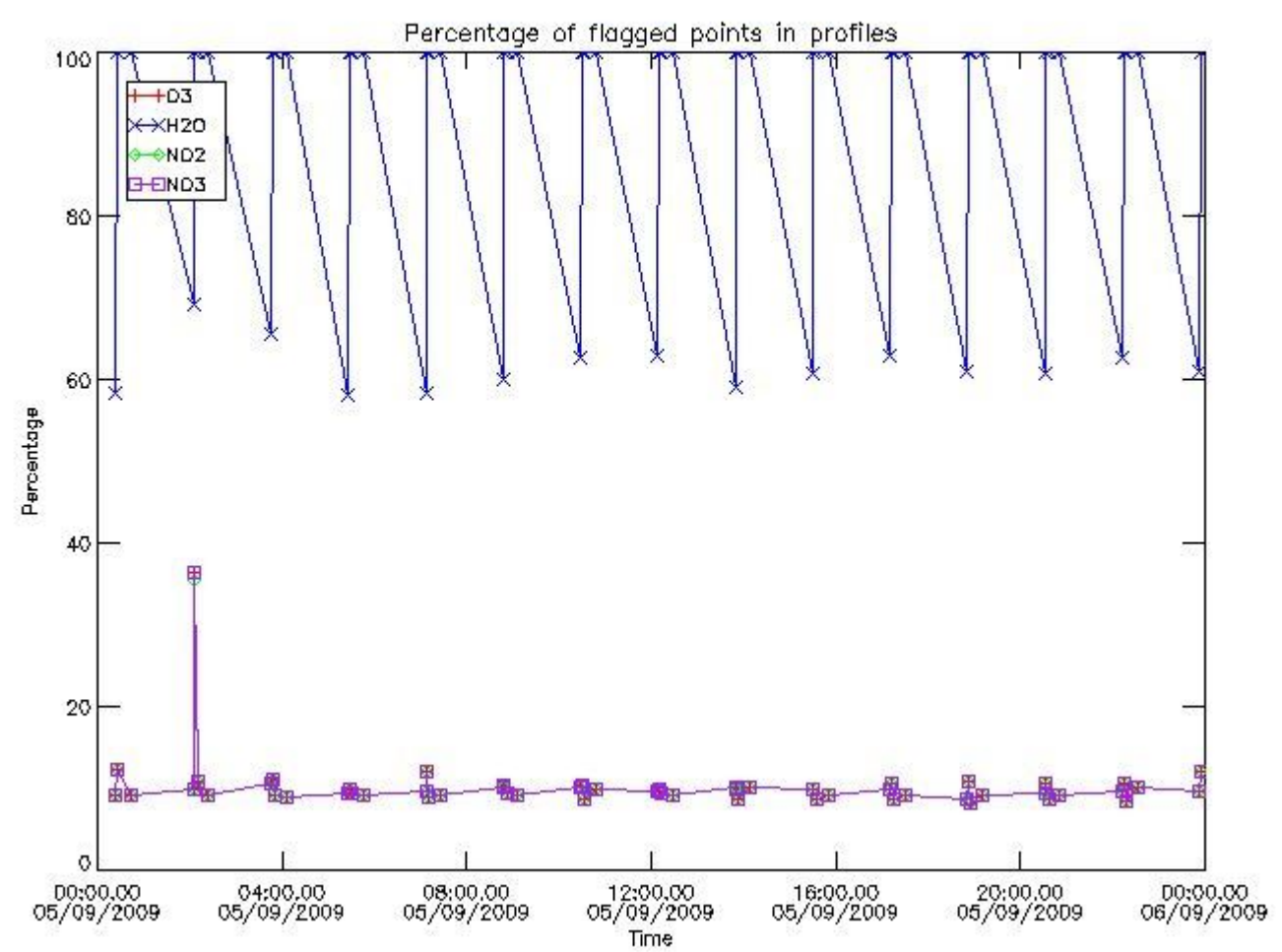
102	GOM_NL__2PRFIN20090905_131036_000000442082_00167_39299_3832.N1	05-SEP-2009 13:10:36	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	39299	No
103	GOM_NL__2PRFIN20090905_131239_000000462082_00167_39299_3833.N1	05-SEP-2009 13:12:39	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39299	No
104	GOM_NL__2PRFIN20090905_132851_000000512082_00167_39299_3834.N1	05-SEP-2009 13:28:51	Bright	51.000	42	34Bet Aur	1.9000	10200.	102	39299	No
105	GOM_NL__2PRFIN20090905_133151_000000492082_00167_39299_3835.N1	05-SEP-2009 13:31:51	Bright	49.000	107	37The Aur	2.6490	11000.	98	39299	No
106	GOM_NL__2PRFIN20090905_133721_000000582082_00167_39299_3836.N1	05-SEP-2009 13:37:21	Twi_and_stray	58.000	151	13Mu Gem	2.8900	3000.0	116	39299	No
107	GOM_NL__2PRFIN20090905_133912_000000532082_00167_39299_3837.N1	05-SEP-2009 13:39:12	Twi_and_stray	52.500	44	24Gam Gem	1.9280	11000.	105	39299	No
108	GOM_NL__2PRFIN20090905_134910_000000512082_00167_39299_3838.N1	05-SEP-2009 13:49:10	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	39299	No
109	GOM_NL__2PRFIN20090905_135036_000000512082_00167_39299_3839.N1	05-SEP-2009 13:50:36	Dark	51.000	47	2Bet CMa	1.9760	28000.	102	39299	No
110	GOM_NL__2PRFIN20090905_135359_000000592082_00167_39299_3840.N1	05-SEP-2009 13:53:59	Dark	58.500	101	11Alp Lep	2.5820	7000.0	117	39299	No
111	GOM_NL__2PRFIN20090905_140853_000000552082_00168_39300_3849.N1	05-SEP-2009 14:08:53	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39300	No
112	GOM_NL__2PRFIN20090905_141606_000000472082_00168_39300_3850.N1	05-SEP-2009 14:16:06	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	39300	No
113	GOM_NL__2PRFIN20090905_143628_000000432082_00168_39300_3851.N1	05-SEP-2009 14:36:28	Bright	43.000	90	54Alp Peg	2.4870	11000.	86	39300	No
114	GOM_NL__2PRFIN20090905_144041_000000432082_00168_39300_3852.N1	05-SEP-2009 14:40:41	Bright	43.000	164	44Eta Peg	2.9480	5400.0	86	39300	No
115	GOM_NL__2PRFIN20090905_145111_000000422082_00168_39300_3853.N1	05-SEP-2009 14:51:11	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	39300	No
116	GOM_NL__2PRFIN20090905_145314_000000442082_00168_39300_3854.N1	05-SEP-2009 14:53:14	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	39300	No
117	GOM_NL__2PRFIN20090905_150927_000000562082_00168_39300_3855.N1	05-SEP-2009 15:09:27	Bright	55.500	42	34Bet Aur	1.9000	10200.	111	39300	No
118	GOM_NL__2PRFIN20090905_151227_000000512082_00168_39300_3856.N1	05-SEP-2009 15:12:27	Bright	51.000	107	37The Aur	2.6490	11000.	102	39300	No
119	GOM_NL__2PRFIN20090905_151758_000000642082_00168_39300_3857.N1	05-SEP-2009 15:17:58	Twi_and_stray	63.500	151	13Mu Gem	2.8900	3000.0	127	39300	No
120	GOM_NL__2PRFIN20090905_151949_000000522082_00168_39300_3858.N1	05-SEP-2009 15:19:49	Twi_and_stray	51.500	44	24Gam Gem	1.9280	11000.	103	39300	No
121	GOM_NL__2PRFIN20090905_152947_000000522082_00168_39300_3859.N1	05-SEP-2009 15:29:47	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	39300	No
122	GOM_NL__2PRFIN20090905_153113_000000522082_00168_39300_3860.N1	05-SEP-2009 15:31:13	Dark	52.000	47	2Bet CMa	1.9760	28000.	104	39300	No
123	GOM_NL__2PRFIN20090905_153436_000000582082_00168_39300_3861.N1	05-SEP-2009 15:34:36	Dark	58.000	101	11Alp Lep	2.5820	7000.0	116	39300	No
124	GOM_NL__2PRFIN20090905_154930_000000552082_00169_39301_3863.N1	05-SEP-2009 15:49:30	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39301	No
125	GOM_NL__2PRFIN20090905_155643_000000482082_00169_39301_3864.N1	05-SEP-2009 15:56:43	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	39301	No
126	GOM_NL__2PRFIN20090905_161704_000000442082_00169_39301_3865.N1	05-SEP-2009 16:17:04	Bright	44.000	90	54Alp Peg	2.4870	11000.	88	39301	No
127	GOM_NL__2PRFIN20090905_162117_000000402082_00169_39301_3866.N1	05-SEP-2009 16:21:17	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	39301	No
128	GOM_NL__2PRFIN20090905_163147_000000442082_00169_39301_3867.N1	05-SEP-2009 16:31:47	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	39301	No
129	GOM_NL__2PRFIN20090905_163350_000000462082_00169_39301_3868.N1	05-SEP-2009 16:33:50	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39301	No
130	GOM_NL__2PRFIN20090905_165002_000000482082_00169_39301_3869.N1	05-SEP-2009 16:50:02	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	39301	No
131	GOM_NL__2PRFIN20090905_165303_000000532082_00169_39301_3870.N1	05-SEP-2009 16:53:03	Bright	52.500	107	37The Aur	2.6490	11000.	105	39301	No
132	GOM_NL__2PRFIN20090905_165834_000000582082_00169_39301_3871.N1	05-SEP-2009 16:58:34	Twi_and_stray	58.000	151	13Mu Gem	2.8900	3000.0	116	39301	No
133	GOM_NL__2PRFIN20090905_170025_000000532082_00169_39301_3872.N1	05-SEP-2009 17:00:25	Twi_and_stray	53.000	44	24Gam Gem	1.9280	11000.	106	39301	No
134	GOM_NL__2PRFIN20090905_171023_000000522082_00169_39301_3873.N1	05-SEP-2009 17:10:23	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	39301	No
135	GOM_NL__2PRFIN20090905_171149_000000492082_00169_39301_3874.N1	05-SEP-2009 17:11:49	Dark	48.500	47	2Bet CMa	1.9760	28000.	97	39301	No
136	GOM_NL__2PRFIN20090905_171514_000000582082_00169_39301_3875.N1	05-SEP-2009 17:15:14	Dark	58.000	101	11Alp Lep	2.5820	7000.0	116	39301	No
137	GOM_NL__2PRFIN20090905_173007_000000562082_00170_39302_3880.N1	05-SEP-2009 17:30:07	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39302	No
138	GOM_NL__2PRFIN20090905_173719_000000472082_00170_39302_3881.N1	05-SEP-2009 17:37:19	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	39302	No
139	GOM_NL__2PRFIN20090905_175739_000000492082_00170_39302_3882.N1	05-SEP-2009 17:57:39	Bright	49.000	90	54Alp Peg	2.4870	11000.	98	39302	No
140	GOM_NL__2PRFIN20090905_180152_000000402082_00170_39302_3883.N1	05-SEP-2009 18:01:52	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	39302	No
141	GOM_NL__2PRFIN20090905_181222_000000432082_00170_39302_3884.N1	05-SEP-2009 18:12:22	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	39302	No
142	GOM_NL__2PRFIN20090905_181425_000000462082_00170_39302_3885.N1	05-SEP-2009 18:14:25	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39302	No
143	GOM_NL__2PRFIN20090905_183038_000000512082_00170_39302_3886.N1	05-SEP-2009 18:30:38	Bright	51.000	42	34Bet Aur	1.9000	10200.	102	39302	No
144	GOM_NL__2PRFIN20090905_183339_000000492082_00170_39302_3887.N1	05-SEP-2009 18:33:39	Bright	49.000	107	37The Aur	2.6490	11000.	98	39302	No
145	GOM_NL__2PRFIN20090905_183911_000000622082_00170_39302_3888.N1	05-SEP-2009 18:39:11	Twi_and_stray	61.500	151	13Mu Gem	2.8900	3000.0	123	39302	No
146	GOM_NL__2PRFIN20090905_184101_000000532082_00170_39302_3889.N1	05-SEP-2009 18:41:01	Twi_and_stray	52.500	44	24Gam Gem	1.9280	11000.	105	39302	No
147	GOM_NL__2PRFIN20090905_185100_000000582082_00170_39302_3890.N1	05-SEP-2009 18:51:00	Dark	58.000	1	9Alp CMa	-1.4400	11000.	116	39302	No
148	GOM_NL__2PRFIN20090905_185226_000000472082_00170_39302_3891.N1	05-SEP-2009 18:52:26	Dark	46.500	47	2Bet CMa	1.9760	28000.	93	39302	No
149	GOM_NL__2PRFIN20090905_185551_000000622082_00170_39302_3892.N1	05-SEP-2009 18:55:51	Dark	61.500	101	11Alp Lep	2.5820	7000.0	123	39302	No
150	GOM_NL__2PRFIN20090905_191044_000000562082_00171_39303_3897.N1	05-SEP-2009 19:10:44	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39303	No
151	GOM_NL__2PRFIN20090905_191756_000000462082_00171_39303_3898.N1	05-SEP-2009 19:17:56	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	39303	No
152	GOM_NL__2PRFIN20090905_193815_000000442082_00171_39303_3899.N1	05-SEP-2009 19:38:15	Bright	43.500	90	54Alp Peg	2.4870	11000.	87	39303	No
153	GOM_NL__2PRFIN20090905_194228_000000492082_00171_39303_3900.N1	05-SEP-2009 19:42:28	Bright	49.000	164	44Eta Peg	2.9480	5400.0	98	39303	No
154	GOM_NL__2PRFIN20090905_195258_000000442082_00171_39303_3901.N1	05-SEP-2009 19:52:58	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	39303	No
155	GOM_NL__2PRFIN20090905_195500_000000422082_00171_39303_3902.N1	05-SEP-2009 19:55:00	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	39303	No
156	GOM_NL__2PRFIN20090905_201114_000000482082_00171_39303_3903.N1	05-SEP-2009 20:11:14	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	39303	No
157	GOM_NL__2PRFIN20090905_201414_000000512082_00171_39303_3904.N1	05-SEP-2009 20:14:14	Bright	51.000	107	37The Aur	2.6490	11000.	102	39303	No
158	GOM_NL__2PRFIN20090905_201947_000000602082_00171_39303_3905.N1	05-SEP-2009 20:19:47	Twi_and_stray	60.000	151	13Mu Gem	2.8900	3000.0	120	39303	No
159	GOM_NL__2PRFIN20090905_202138_000000572082_00171_39303_3906.N1	05-SEP-2009 20:21:38	Twi_and_stray	56.500	44	24Gam Gem	1.9280	11000.	113	39303	No
160	GOM_NL__2PRFIN20090905_203137_000000542082_00171_39303_3907.N1	05-SEP-2009 20:31:37	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	39303	No

161	GOM_NL__2PRFIN20090905_203303_000000492082_00171_39303_3908.N1	05-SEP-2009 20:33:03	Dark	48.500	47	2Bet CMa	1.9760	28000.	97	39303	No
162	GOM_NL__2PRFIN20090905_203628_000000592082_00171_39303_3909.N1	05-SEP-2009 20:36:28	Dark	59.000	101	11Alp Lep	2.5820	7000.0	118	39303	No
163	GOM_NL__2PRFIN20090905_205121_000000562082_00172_39304_3915.N1	05-SEP-2009 20:51:21	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39304	No
164	GOM_NL__2PRFIN20090905_205832_000000462082_00172_39304_3916.N1	05-SEP-2009 20:58:32	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	39304	No
165	GOM_NL__2PRFIN20090905_211850_000000432082_00172_39304_3917.N1	05-SEP-2009 21:18:50	Bright	43.000	90	54Alp Peg	2.4870	11000.	86	39304	No
166	GOM_NL__2PRFIN20090905_212303_000000402082_00172_39304_3918.N1	05-SEP-2009 21:23:03	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	39304	No
167	GOM_NL__2PRFIN20090905_213333_000000432082_00172_39304_3919.N1	05-SEP-2009 21:33:33	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	39304	No
168	GOM_NL__2PRFIN20090905_213535_000000432082_00172_39304_3920.N1	05-SEP-2009 21:35:35	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	39304	No
169	GOM_NL__2PRFIN20090905_215150_000000512082_00172_39304_3921.N1	05-SEP-2009 21:51:50	Bright	51.000	42	34Bet Aur	1.9000	10200.	102	39304	No
170	GOM_NL__2PRFIN20090905_215450_000000562082_00172_39304_3922.N1	05-SEP-2009 21:54:50	Bright	56.000	107	37The Aur	2.6490	11000.	112	39304	No
171	GOM_NL__2PRFIN20090905_220023_000000612082_00172_39304_3923.N1	05-SEP-2009 22:00:23	Tw_i_and_stray	61.000	151	13Mu Gem	2.8900	3000.0	122	39304	No
172	GOM_NL__2PRFIN20090905_220214_000000552082_00172_39304_3924.N1	05-SEP-2009 22:02:14	Tw_i_and_stray	54.500	44	24Gam Gem	1.9280	11000.	109	39304	No
173	GOM_NL__2PRFIN20090905_221213_000000532082_00172_39304_3925.N1	05-SEP-2009 22:12:13	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	39304	No
174	GOM_NL__2PRFIN20090905_221340_000000482082_00172_39304_3926.N1	05-SEP-2009 22:13:40	Dark	48.000	47	2Bet CMa	1.9760	28000.	96	39304	No
175	GOM_NL__2PRFIN20090905_221706_000000602082_00172_39304_3927.N1	05-SEP-2009 22:17:06	Dark	60.000	101	11Alp Lep	2.5820	7000.0	120	39304	No
176	GOM_NL__2PRFIN20090905_223158_000000552082_00173_39305_3934.N1	05-SEP-2009 22:31:58	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39305	No
177	GOM_NL__2PRFIN20090905_223909_000000532082_00173_39305_3935.N1	05-SEP-2009 22:39:09	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	39305	No
178	GOM_NL__2PRFIN20090905_225926_000000452082_00173_39305_3936.N1	05-SEP-2009 22:59:26	Bright	44.500	90	54Alp Peg	2.4870	11000.	89	39305	No
179	GOM_NL__2PRFIN20090905_230339_000000422082_00173_39305_3937.N1	05-SEP-2009 23:03:39	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	39305	No
180	GOM_NL__2PRFIN20090905_231408_000000442082_00173_39305_3938.N1	05-SEP-2009 23:14:08	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	39305	No
181	GOM_NL__2PRFIN20090905_231610_000000442082_00173_39305_3939.N1	05-SEP-2009 23:16:10	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	39305	No
182	GOM_NL__2PRFIN20090905_233225_000000512082_00173_39305_3940.N1	05-SEP-2009 23:32:25	Bright	51.000	42	34Bet Aur	1.9000	10200.	102	39305	No
183	GOM_NL__2PRFIN20090905_233526_000000532082_00173_39305_3941.N1	05-SEP-2009 23:35:26	Bright	52.500	107	37The Aur	2.6490	11000.	105	39305	No
184	GOM_NL__2PRFIN20090905_234059_000000672082_00173_39305_3942.N1	05-SEP-2009 23:40:59	Tw_i_and_stray	66.500	151	13Mu Gem	2.8900	3000.0	133	39305	No
185	GOM_NL__2PRFIN20090905_234250_000000562082_00173_39305_3943.N1	05-SEP-2009 23:42:50	Tw_i_and_stray	55.500	44	24Gam Gem	1.9280	11000.	111	39305	No
186	GOM_NL__2PRFIN20090905_235250_000000532082_00173_39305_3944.N1	05-SEP-2009 23:52:50	Dark	53.000	1	9Alp CMa	-1.4400	11000.	106	39305	No
187	GOM_NL__2PRFIN20090905_235416_000000512082_00173_39305_3945.N1	05-SEP-2009 23:54:16	Dark	50.500	47	2Bet CMa	1.9760	28000.	101	39305	No

3. Quality information per product

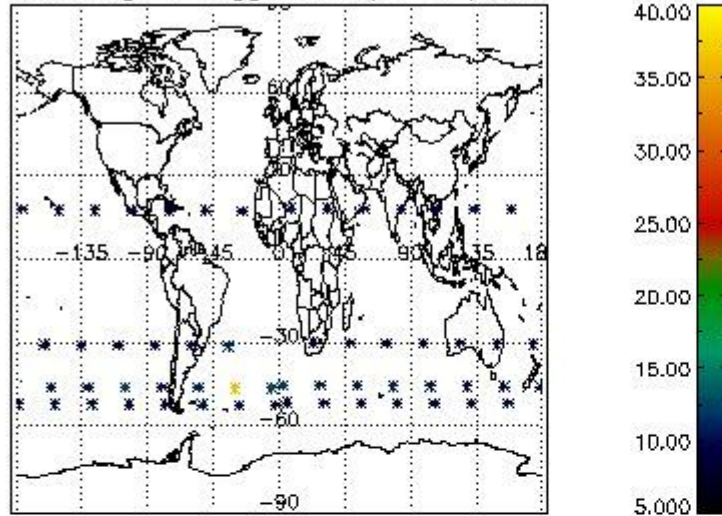
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

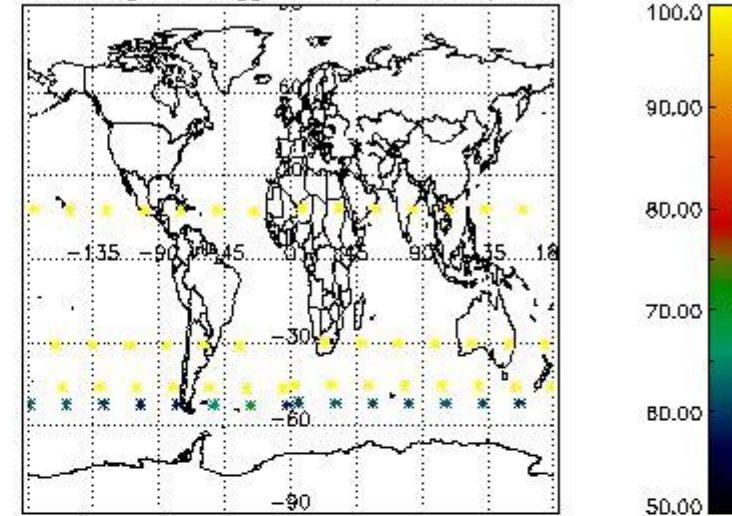


3.2 Plot quality information per product (world map)

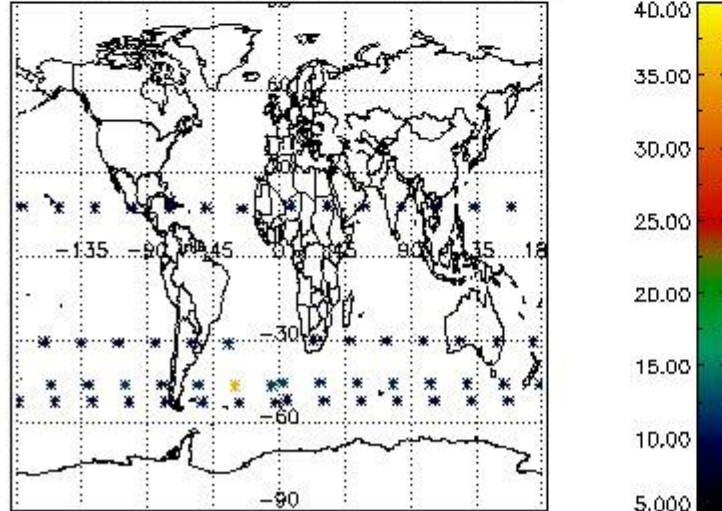
Percentage of flagged data per O3 profile



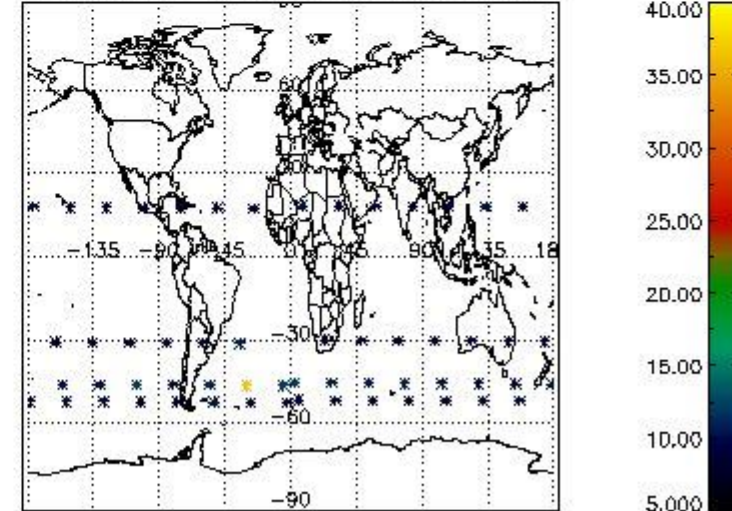
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

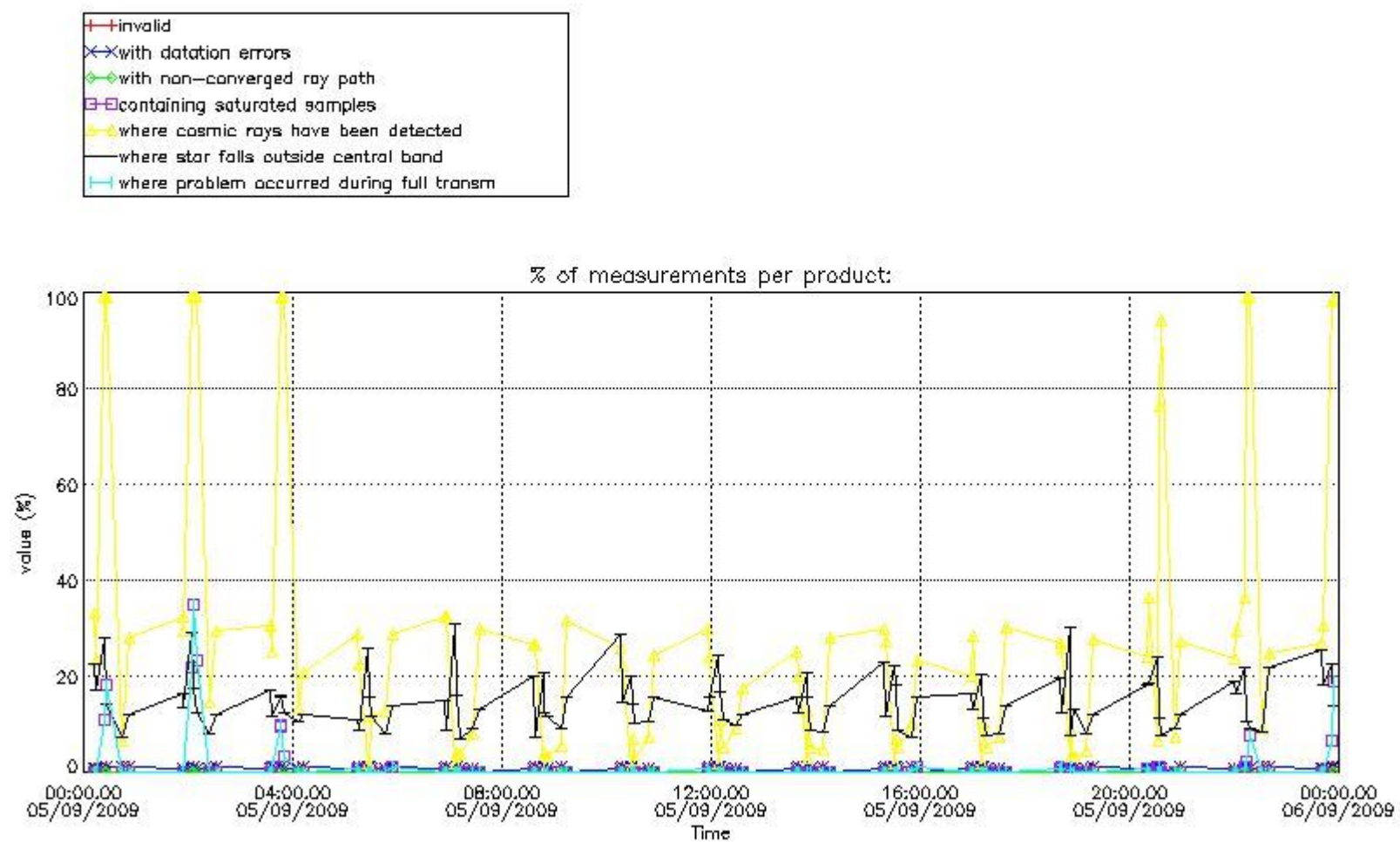


4. Level 1 quality information per product

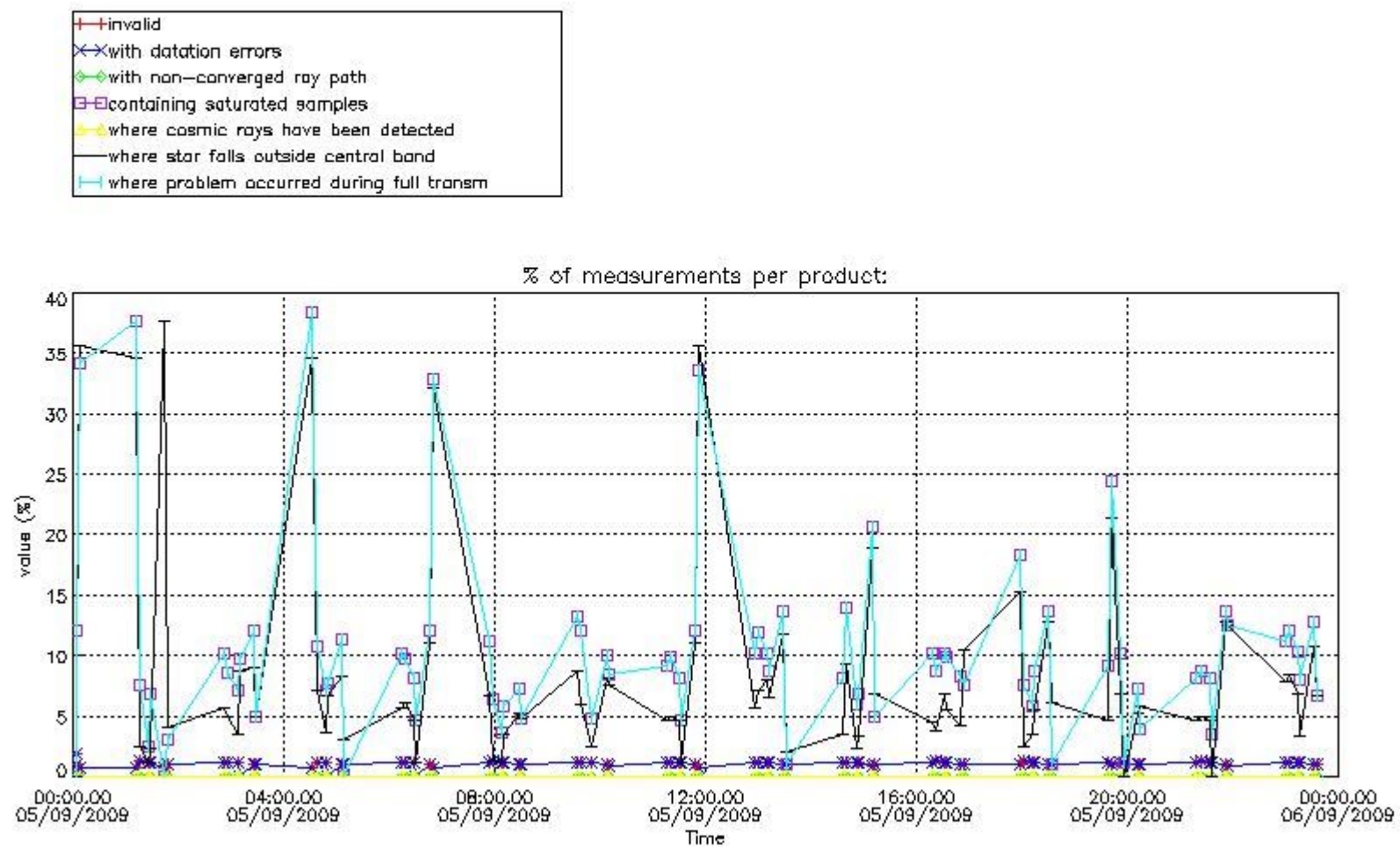
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



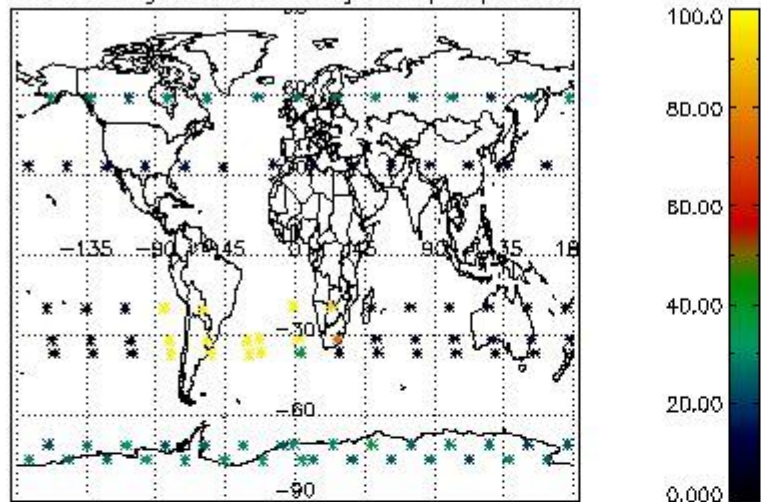
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



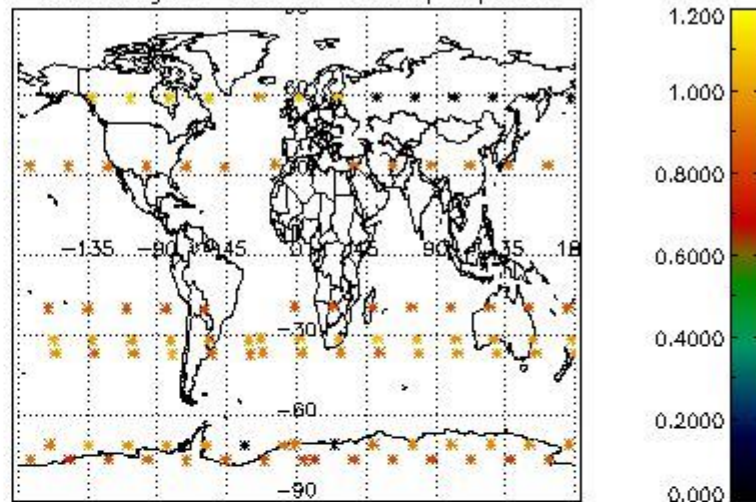
4.2 Plot quality information per product coming from level 1b processing (world map)

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

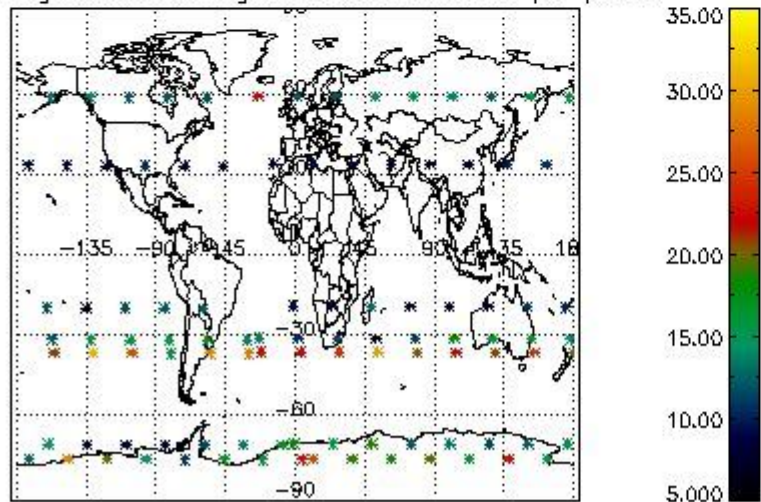
Percentage of cosmic ray hits per profile



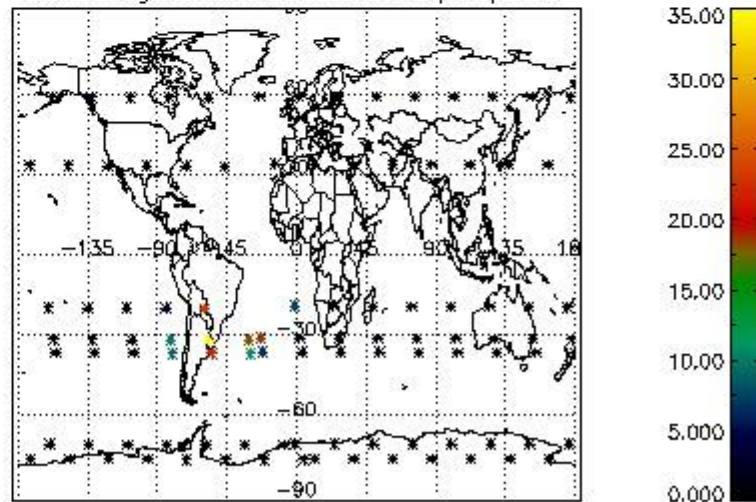
Percentage of datation errors per profile



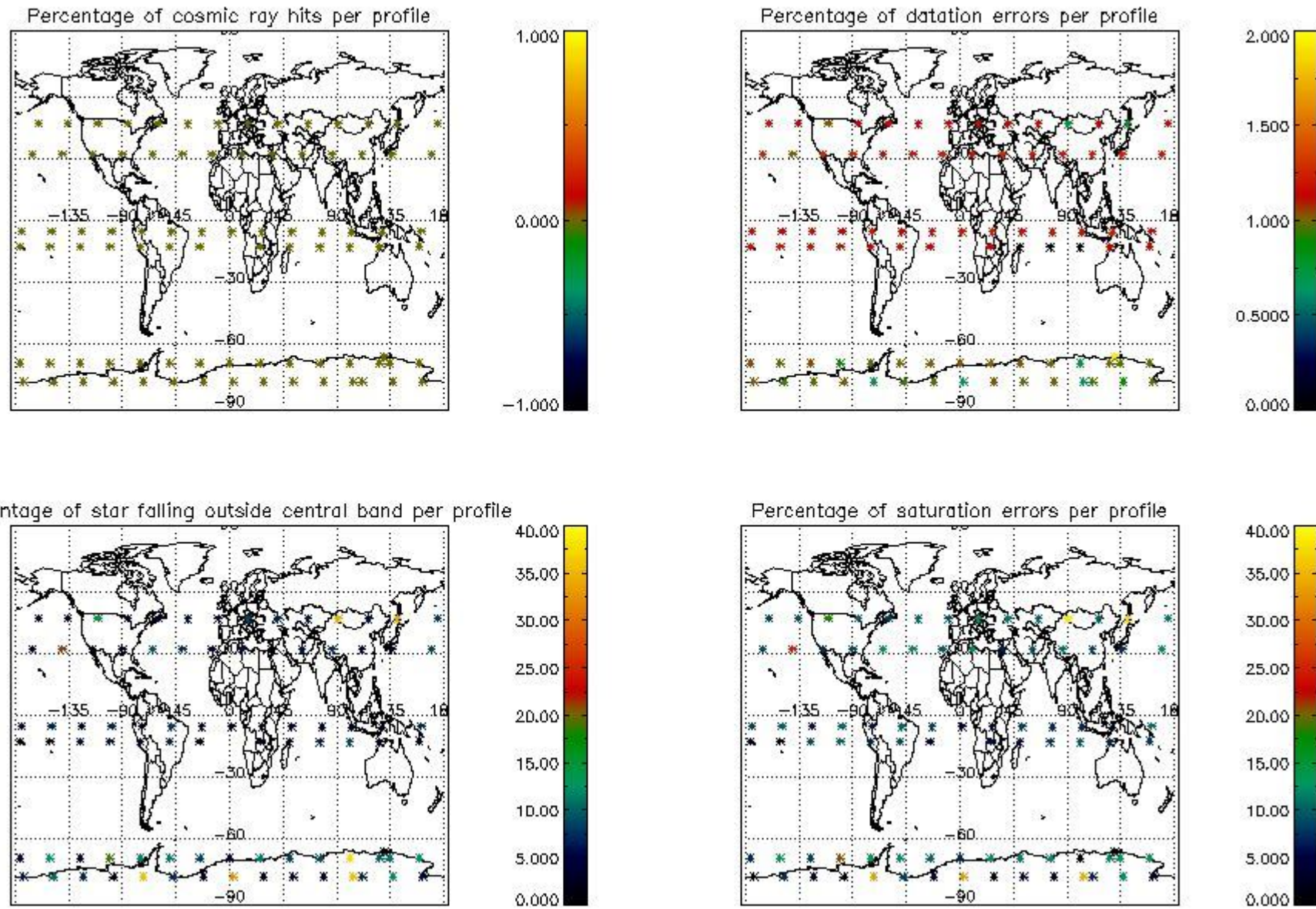
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

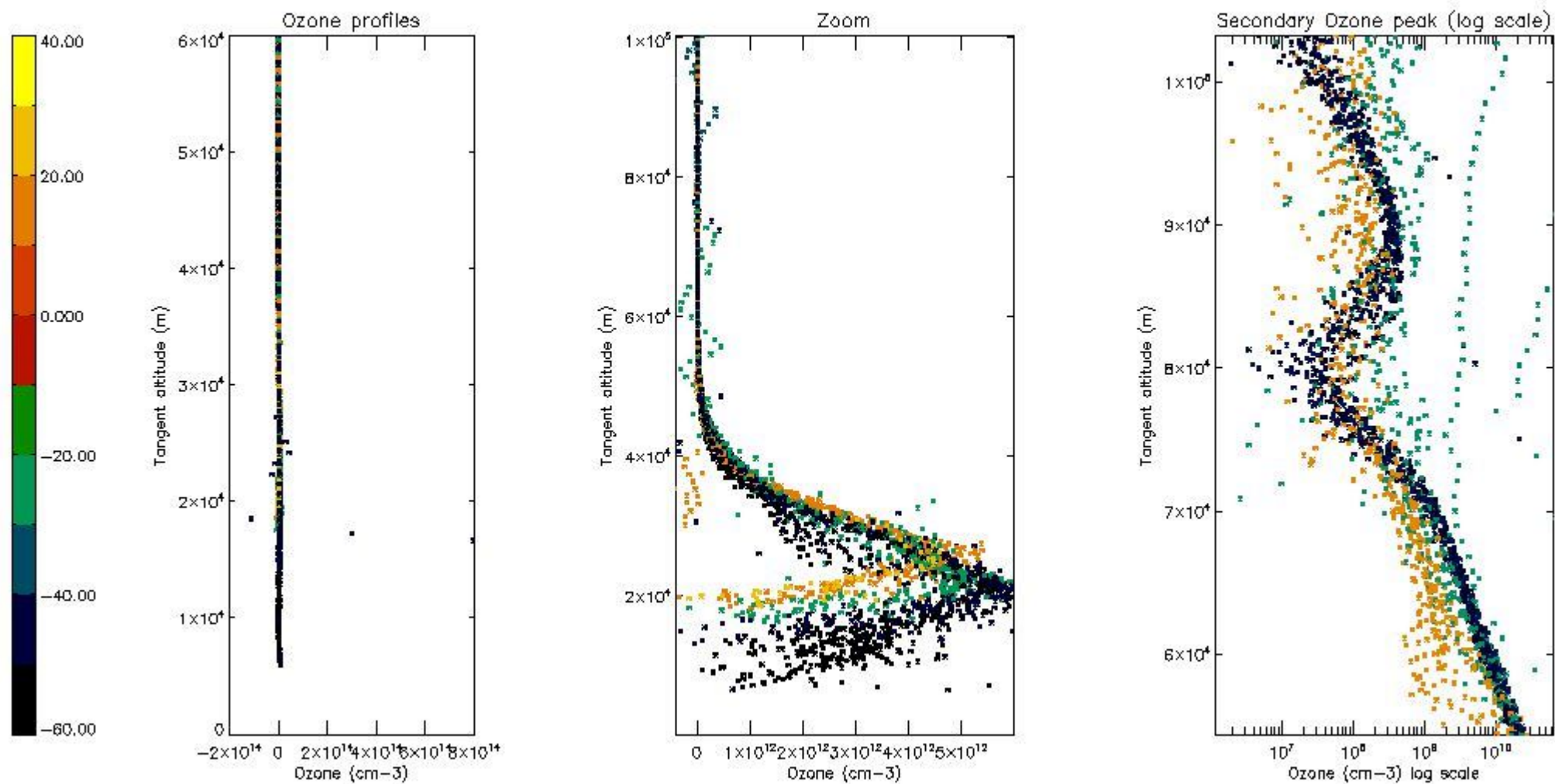
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	18

STD < 10	15
STD < 5	9

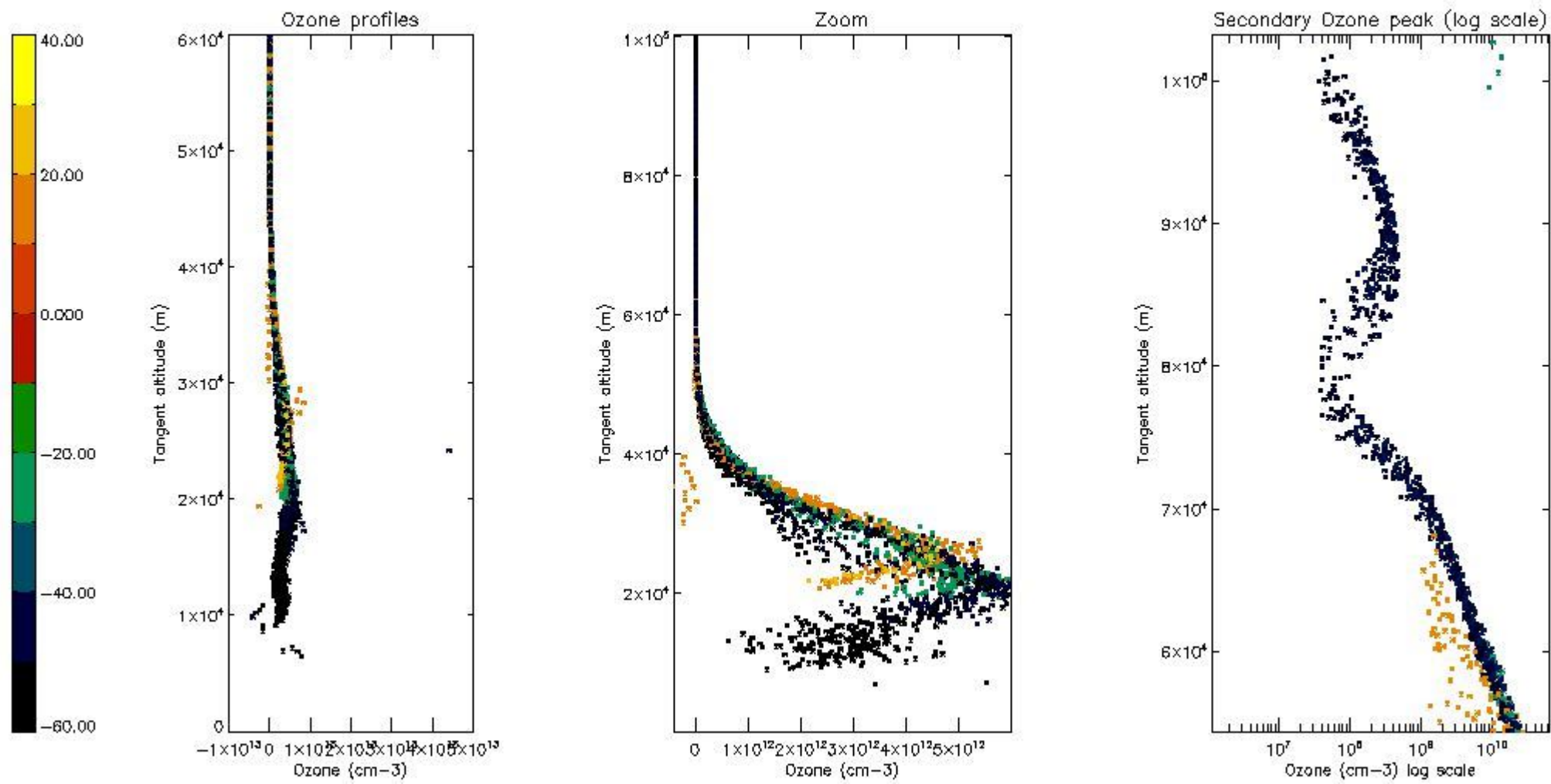
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



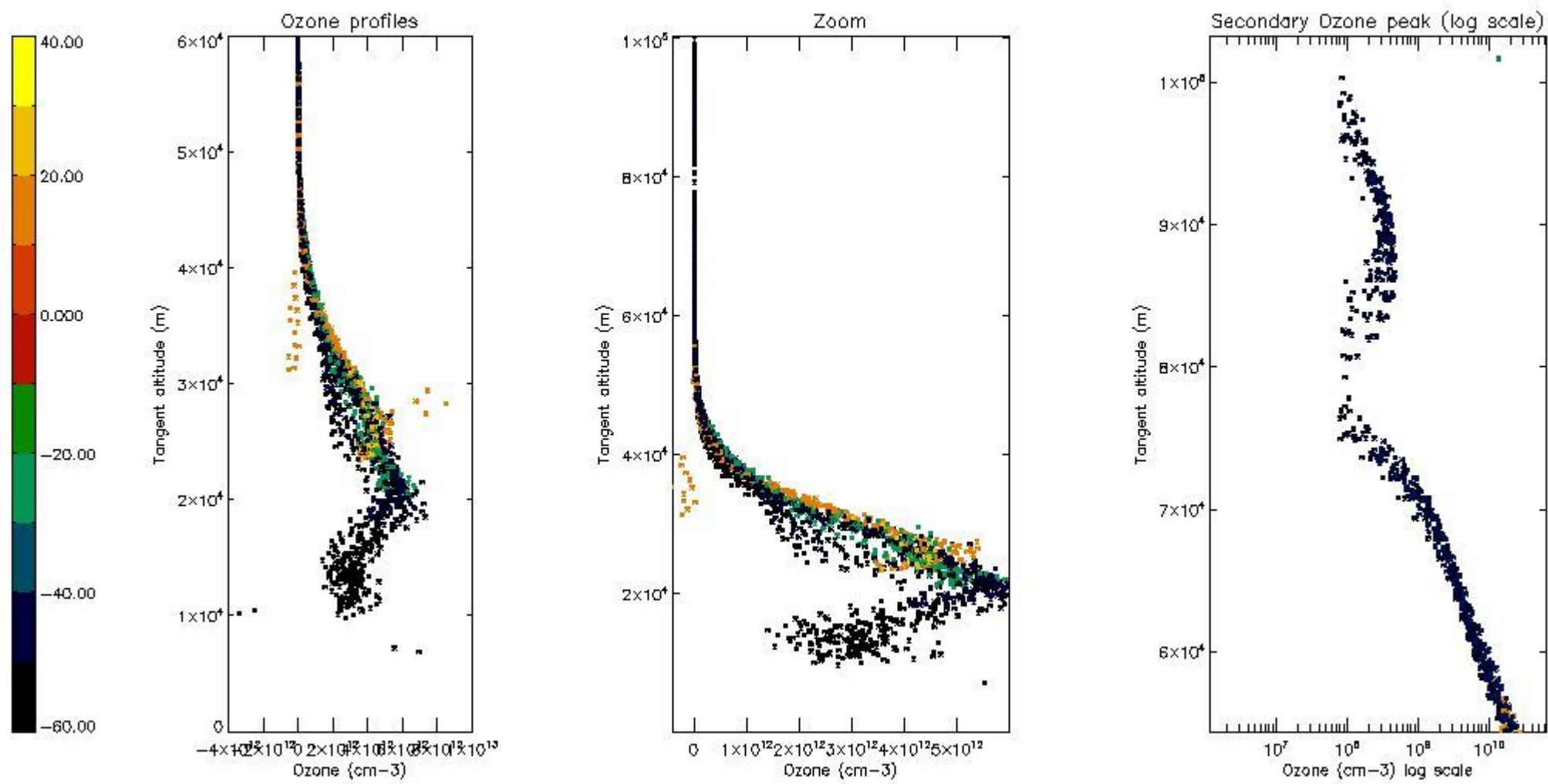
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



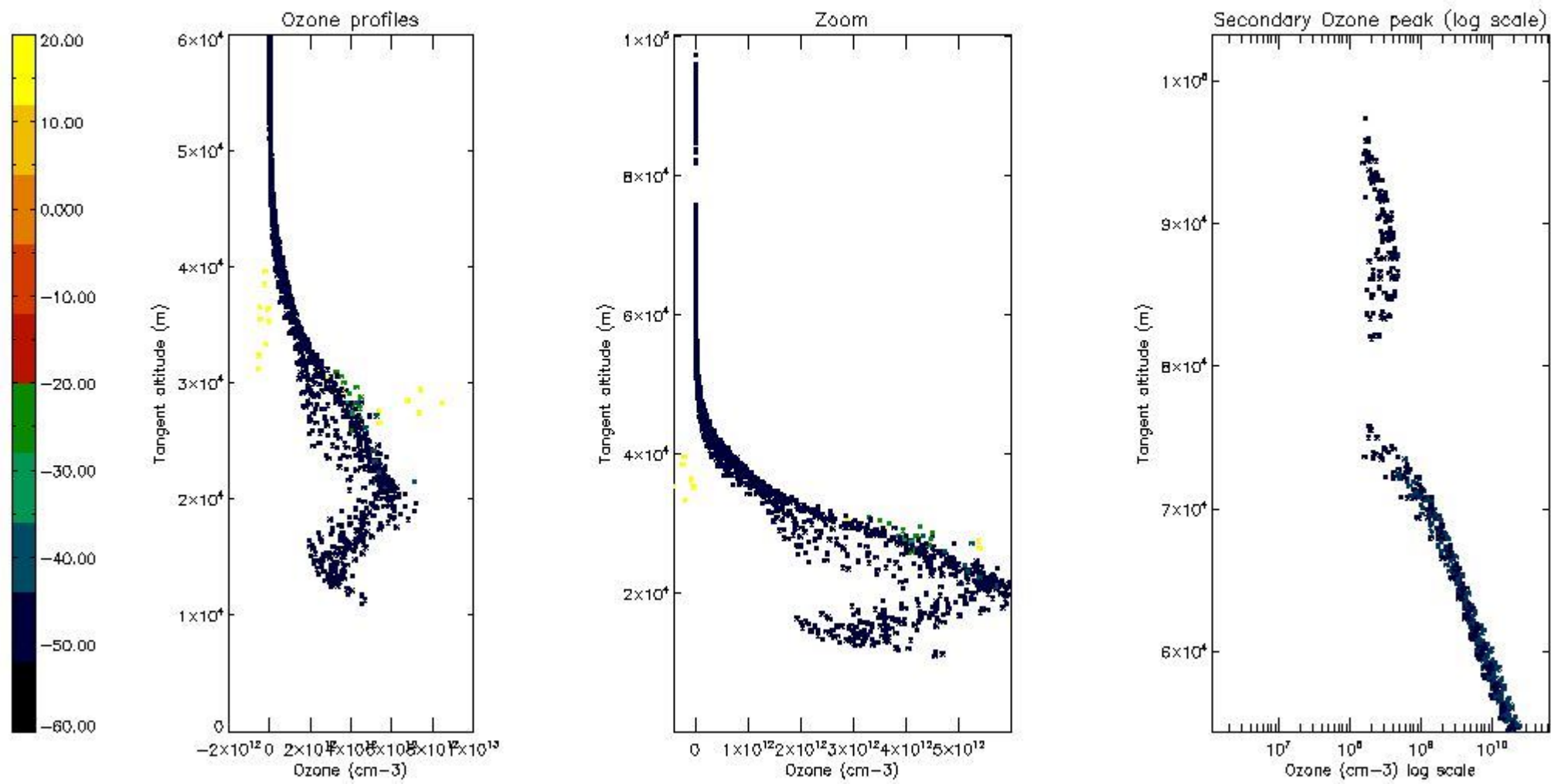
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



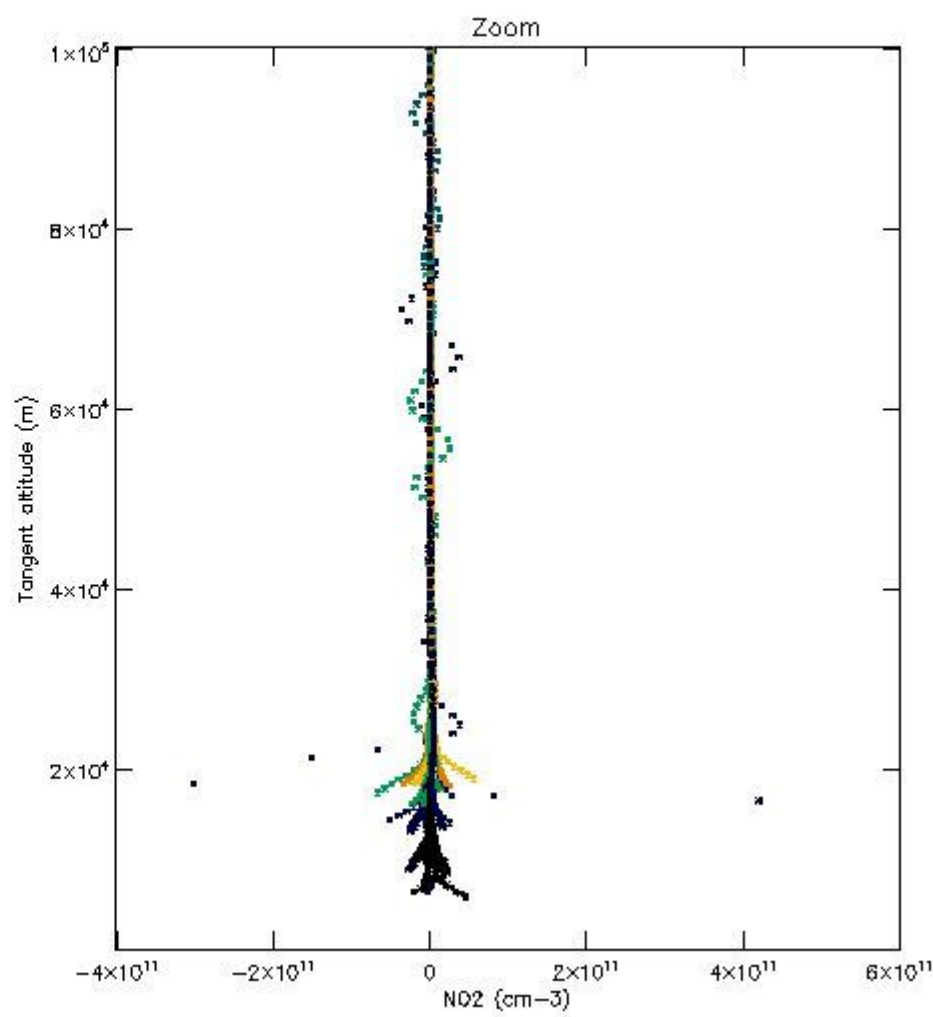
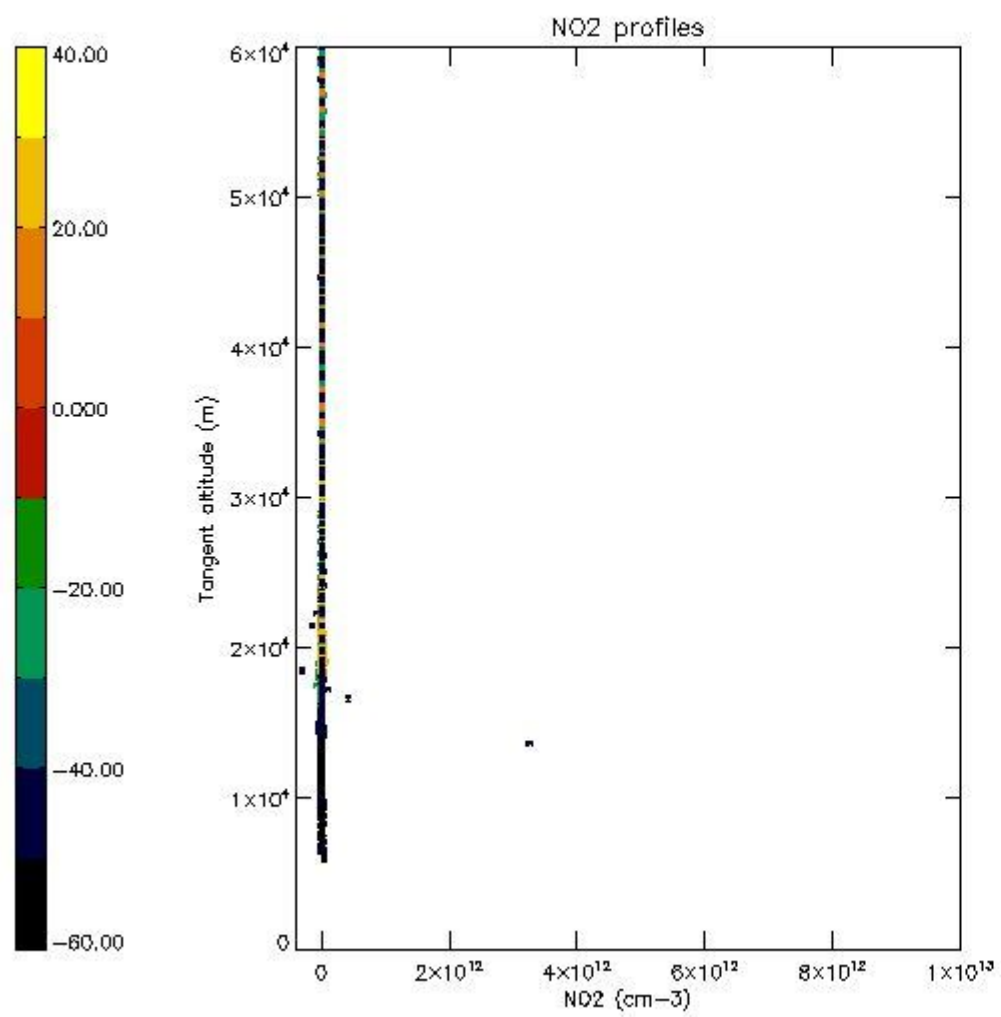
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



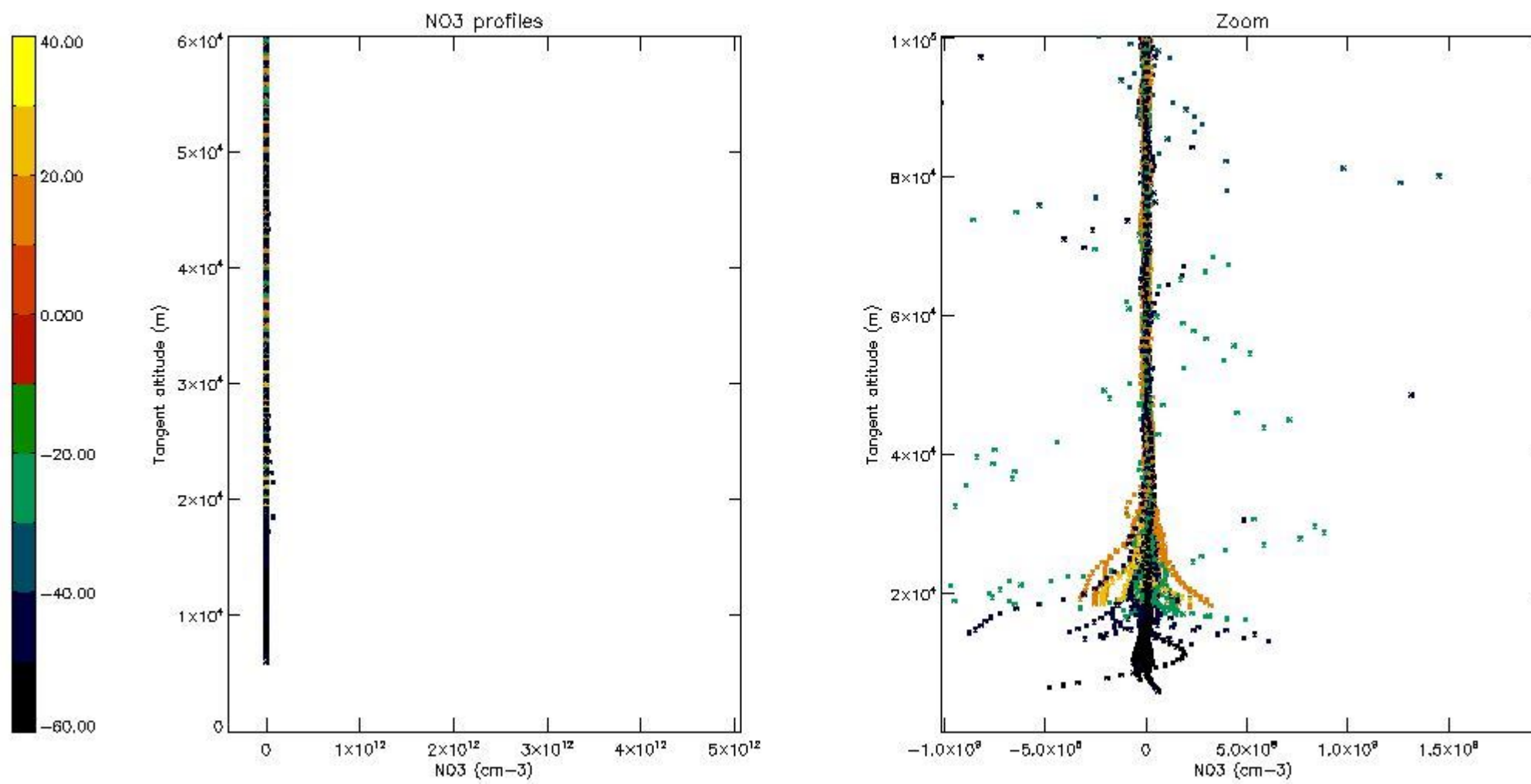
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



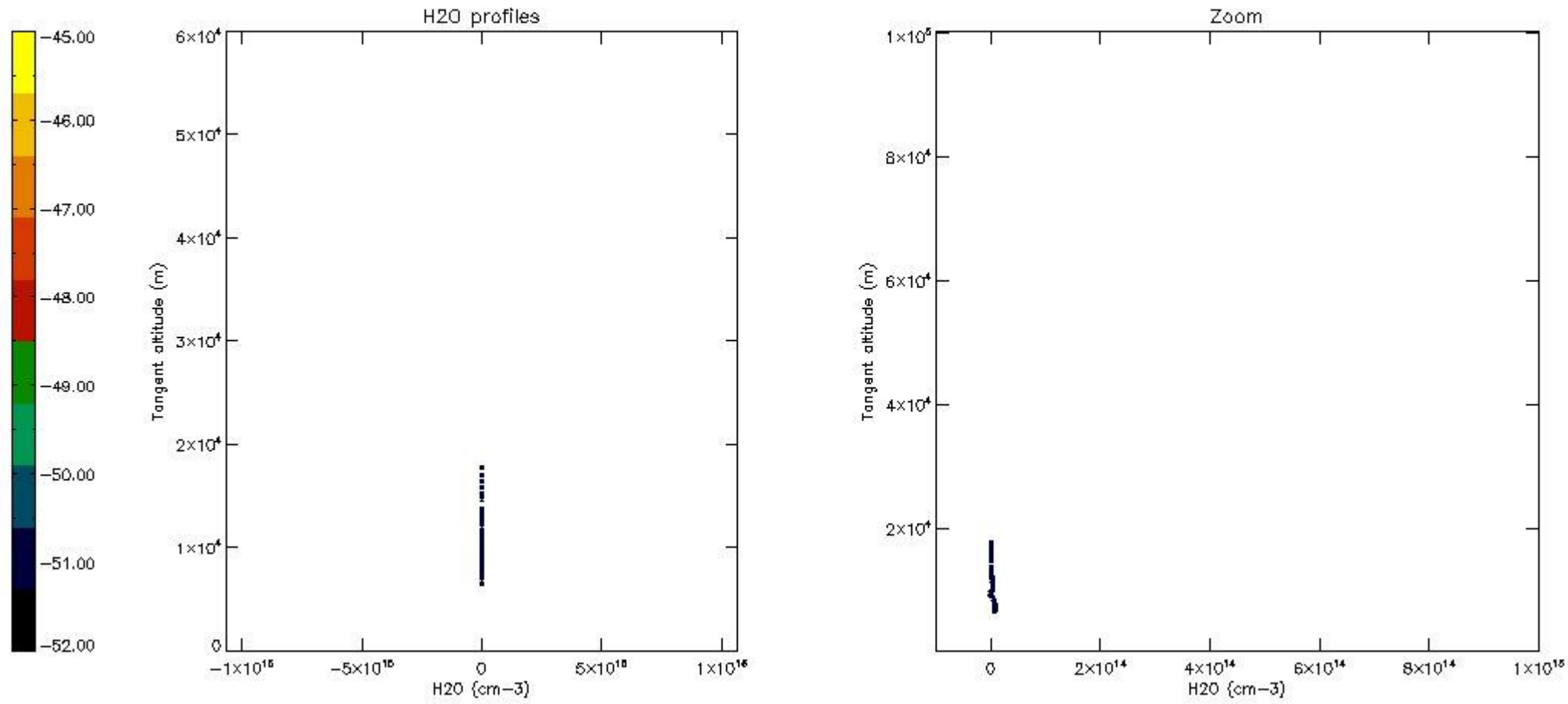
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

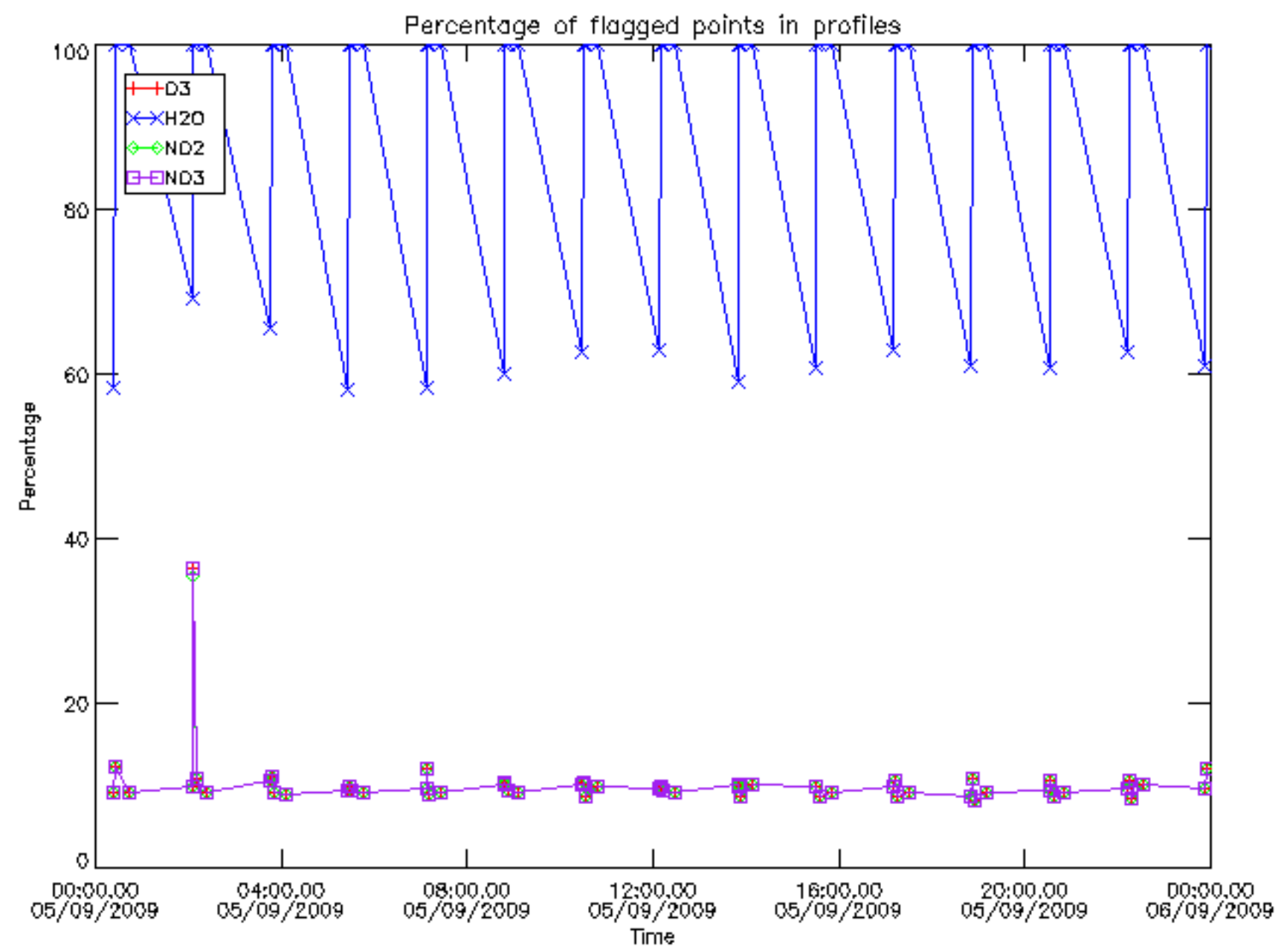
The colorbar represents the latitude.



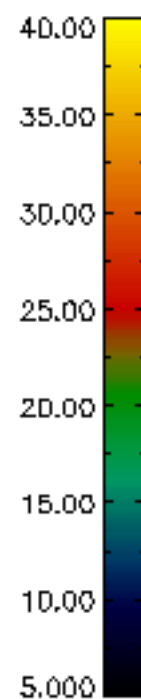
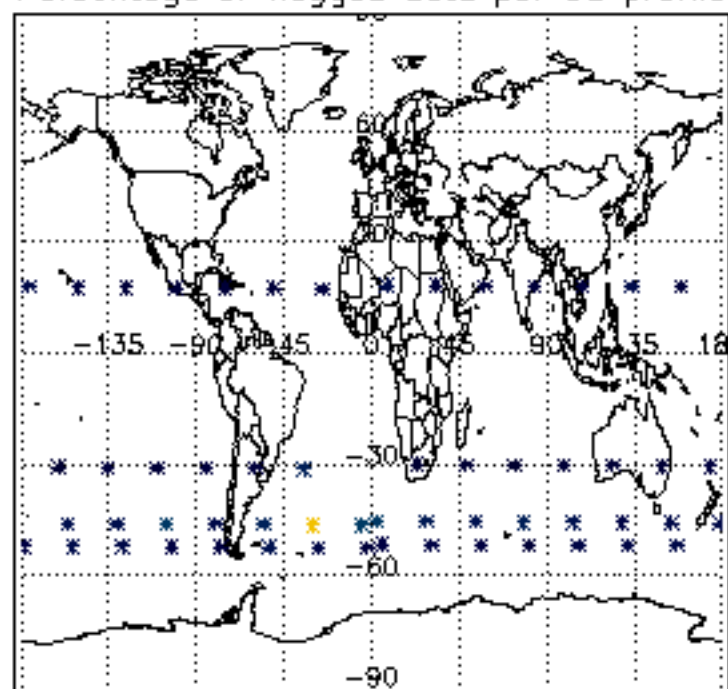
6. Auxiliary Data Files used for the production reported in section 2

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.

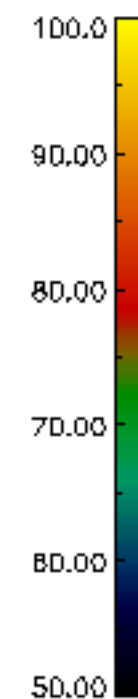
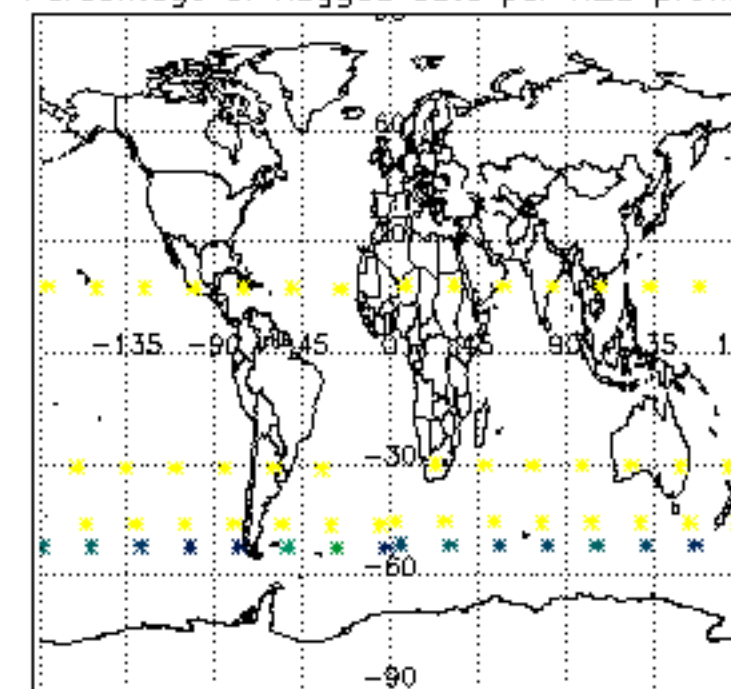
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	05-SEP-2009 00:03:04
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	05-SEP-2009 00:03:04
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	05-SEP-2009 00:03:04



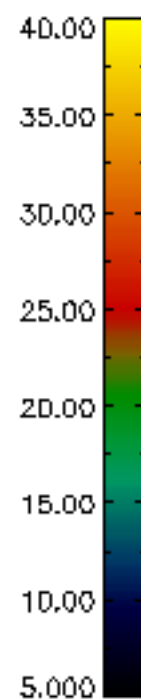
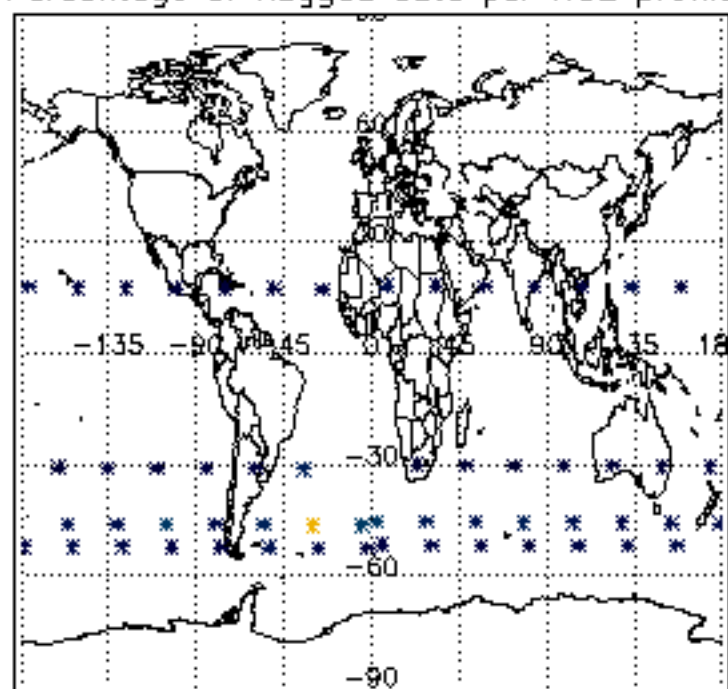
Percentage of flagged data per D3 profile



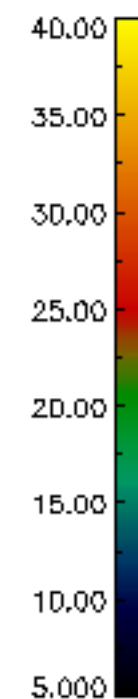
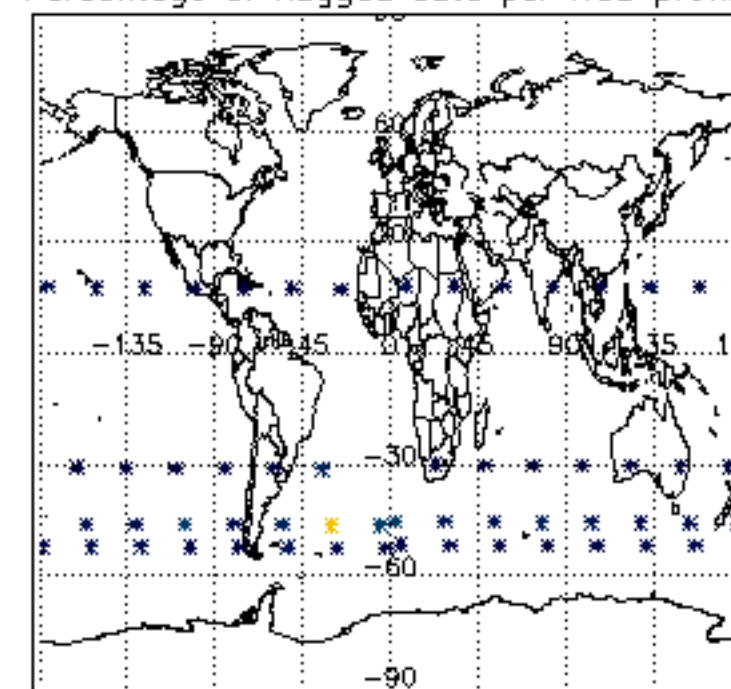
Percentage of flagged data per H2O profile

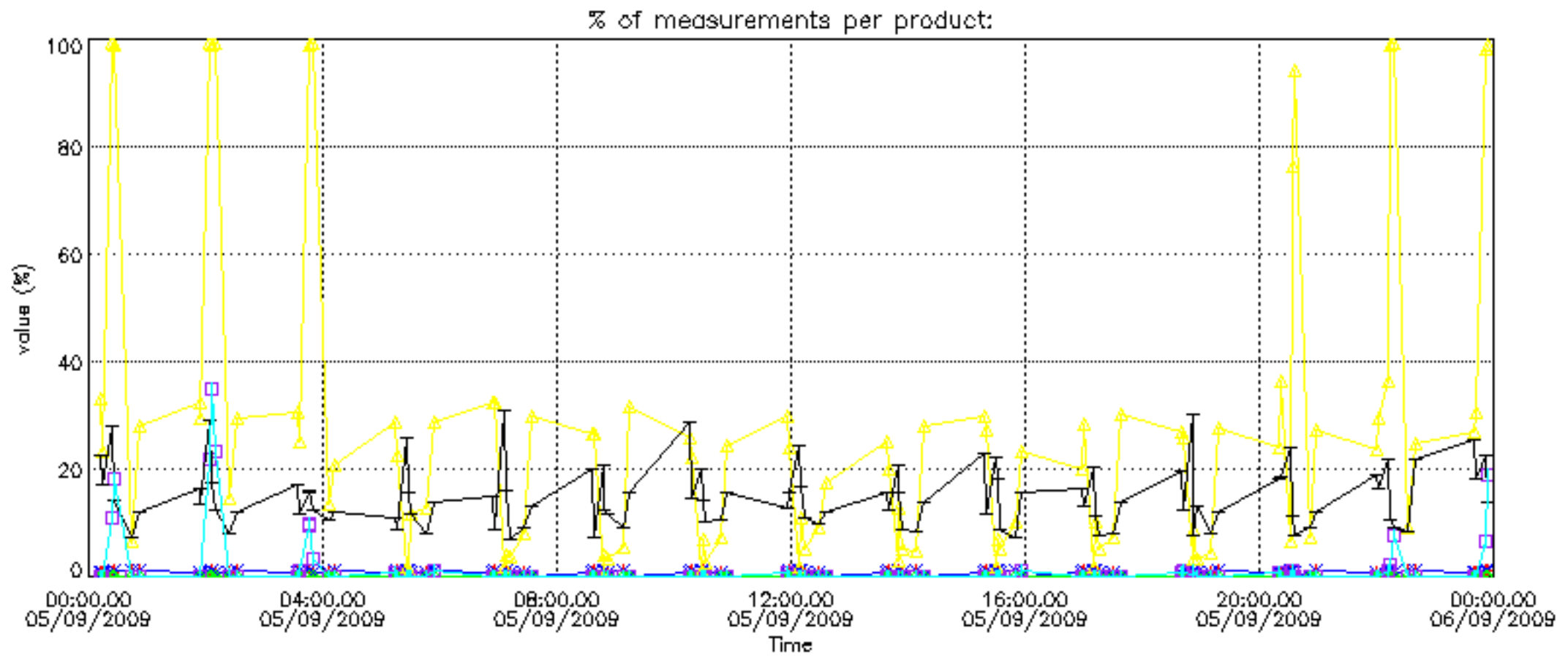


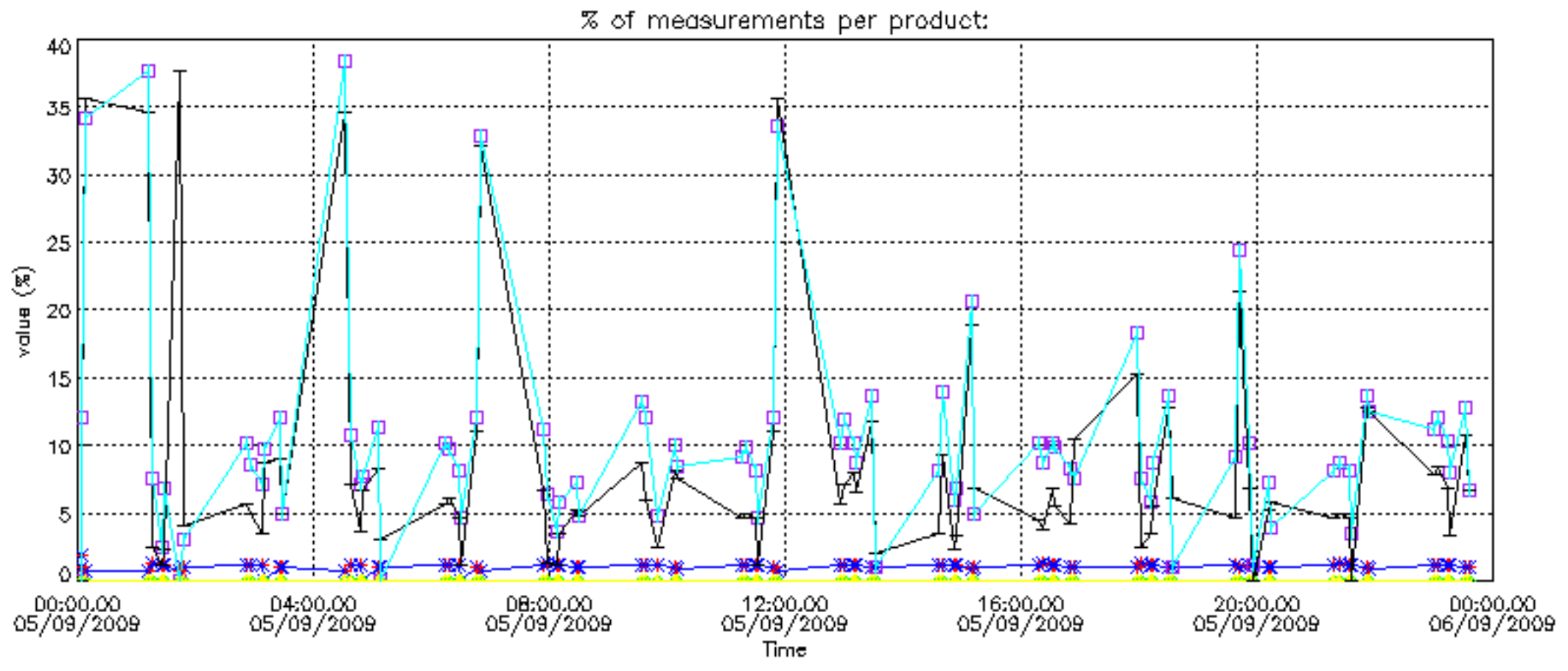
Percentage of flagged data per NO2 profile



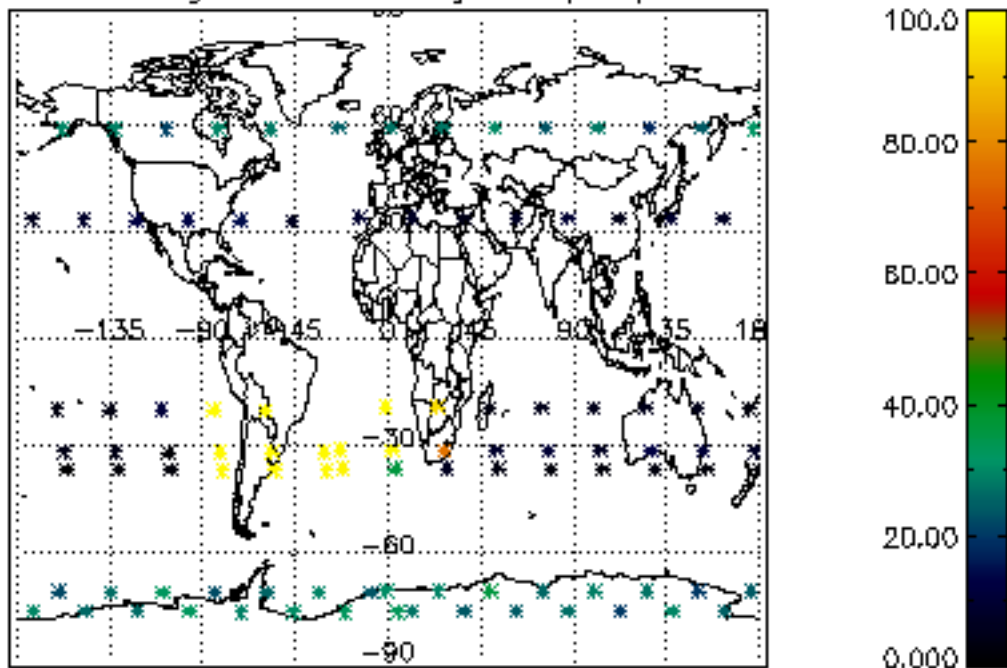
Percentage of flagged data per NO3 profile



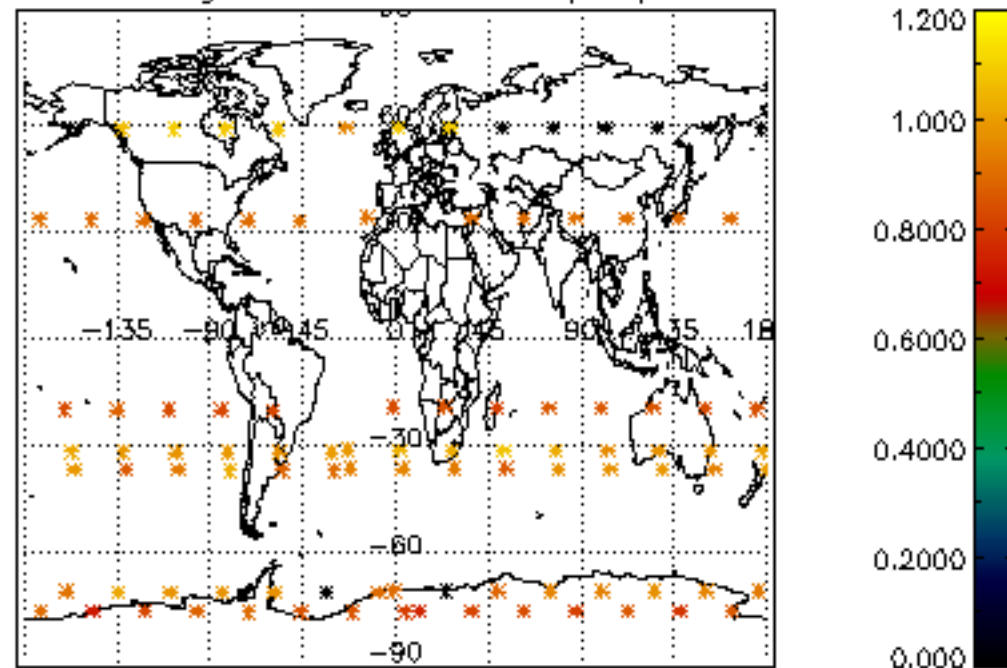




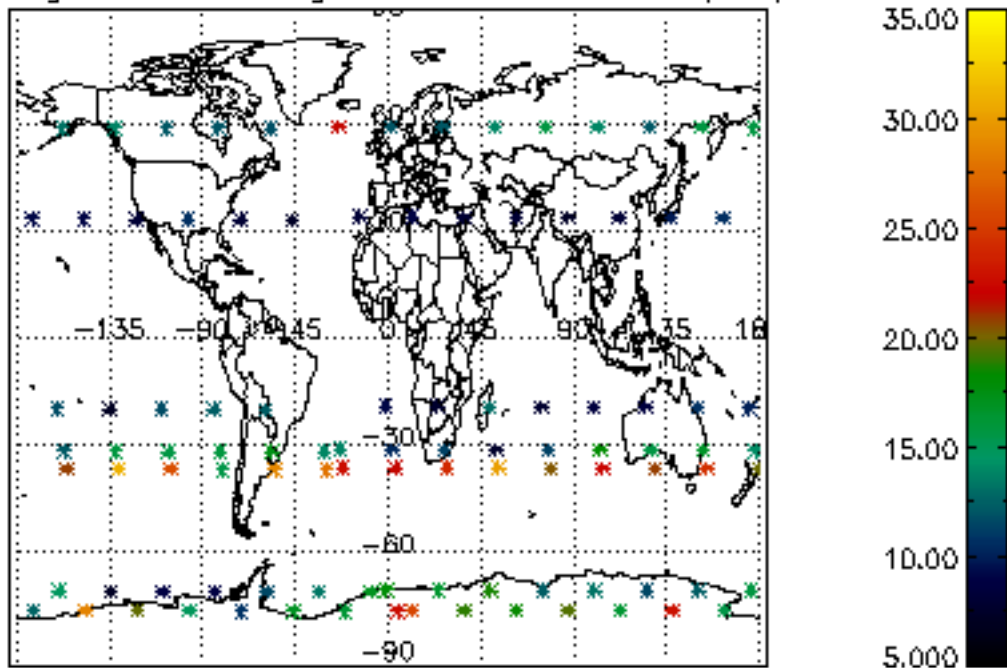
Percentage of cosmic ray hits per profile



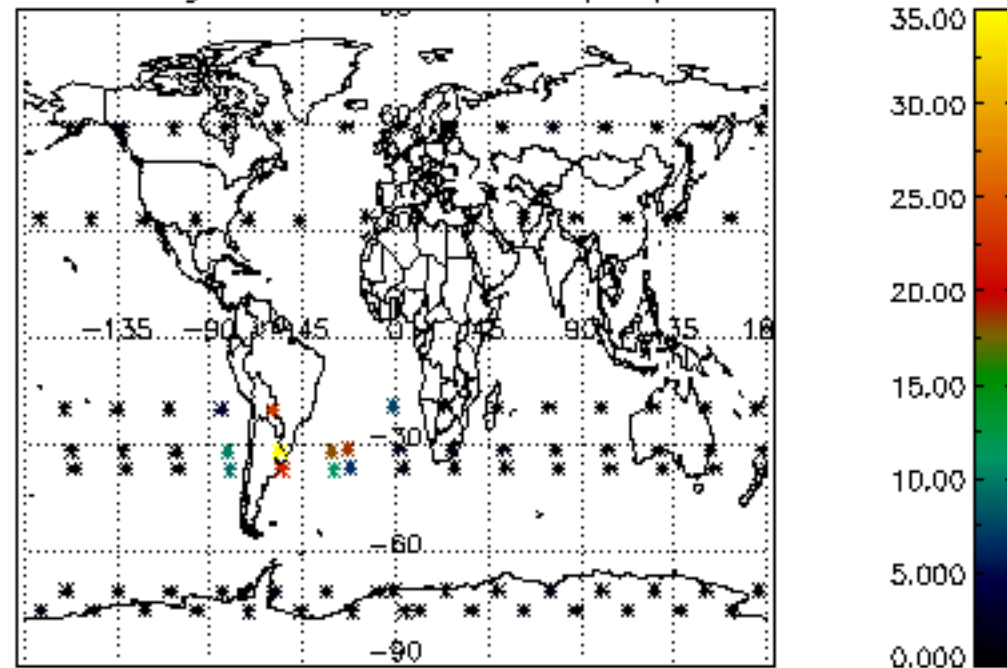
Percentage of datation errors per profile



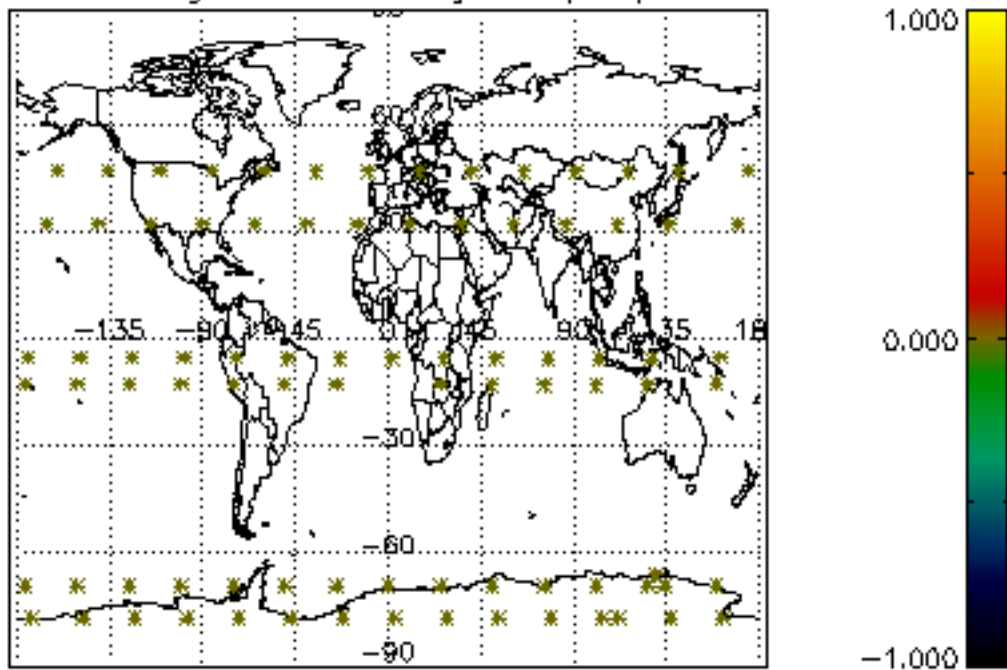
Percentage of star falling outside central band per profile



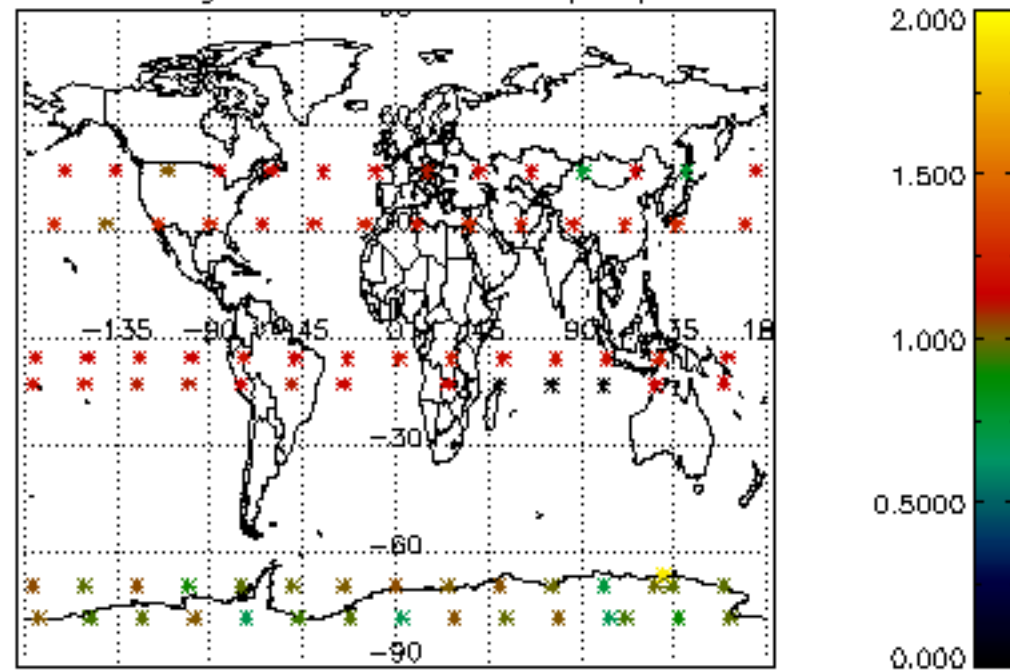
Percentage of saturation errors per profile



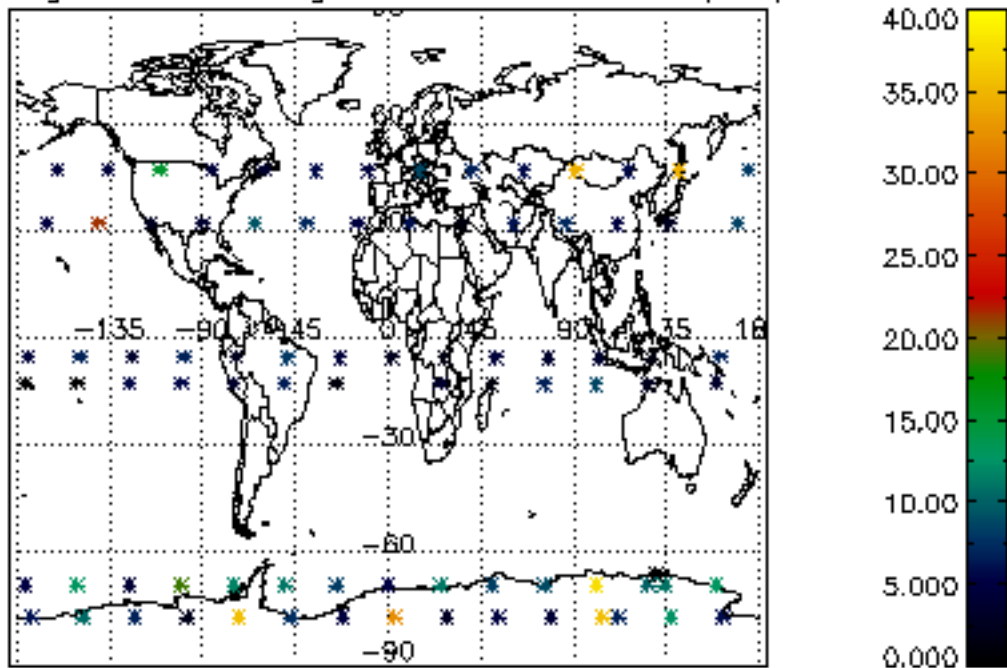
Percentage of cosmic ray hits per profile



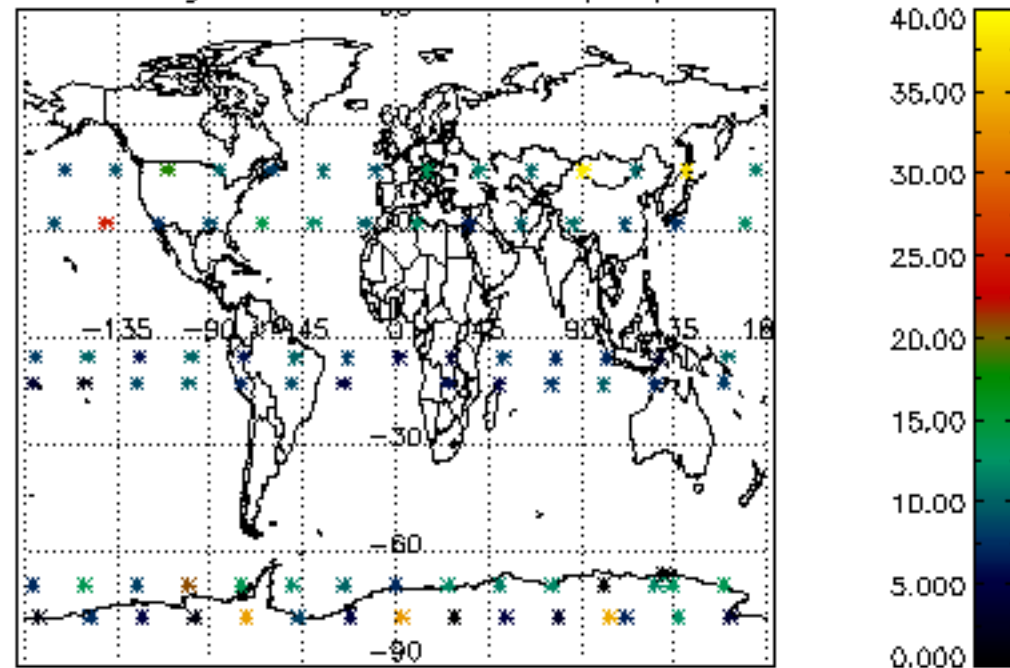
Percentage of datation errors per profile

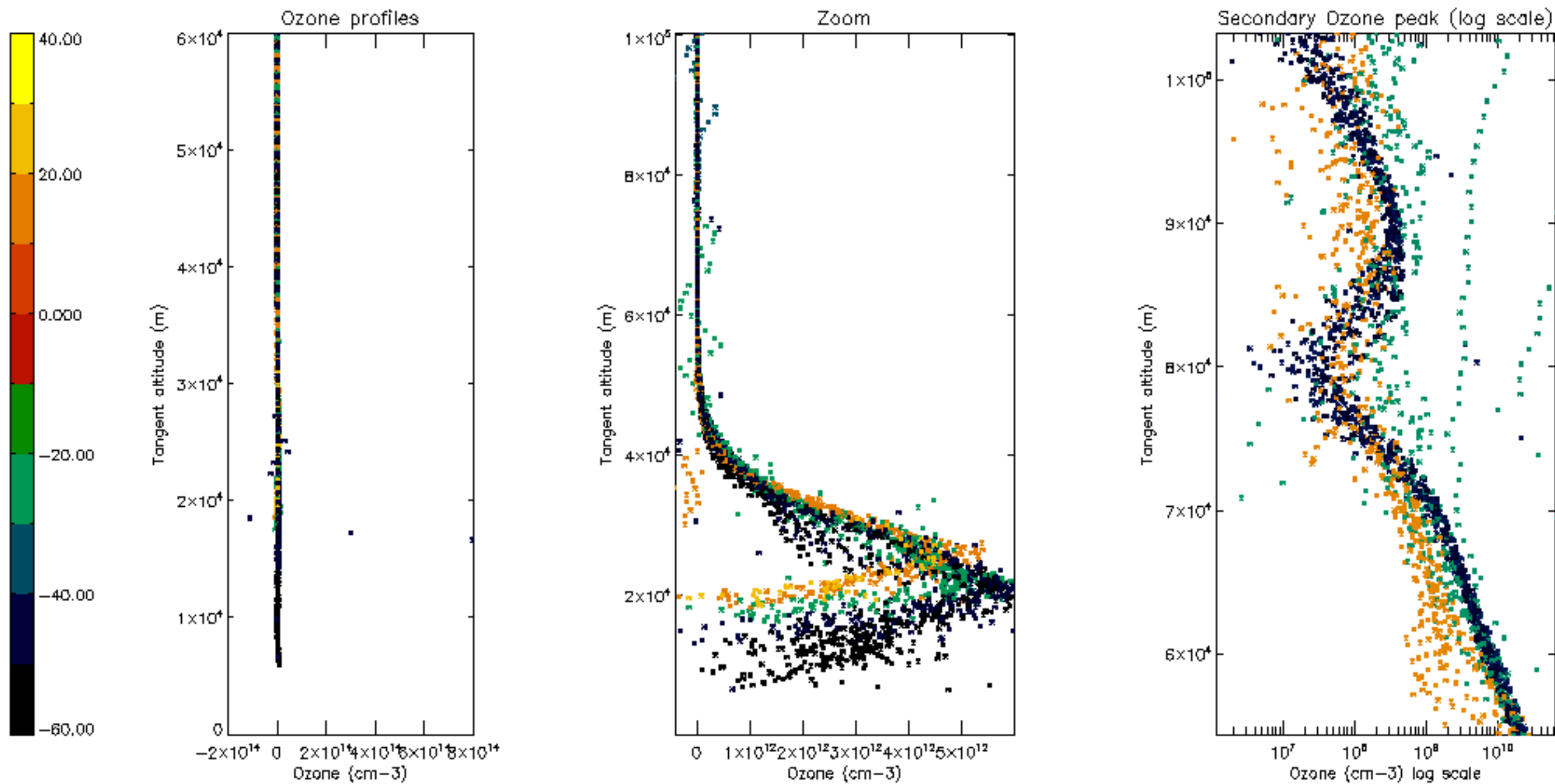


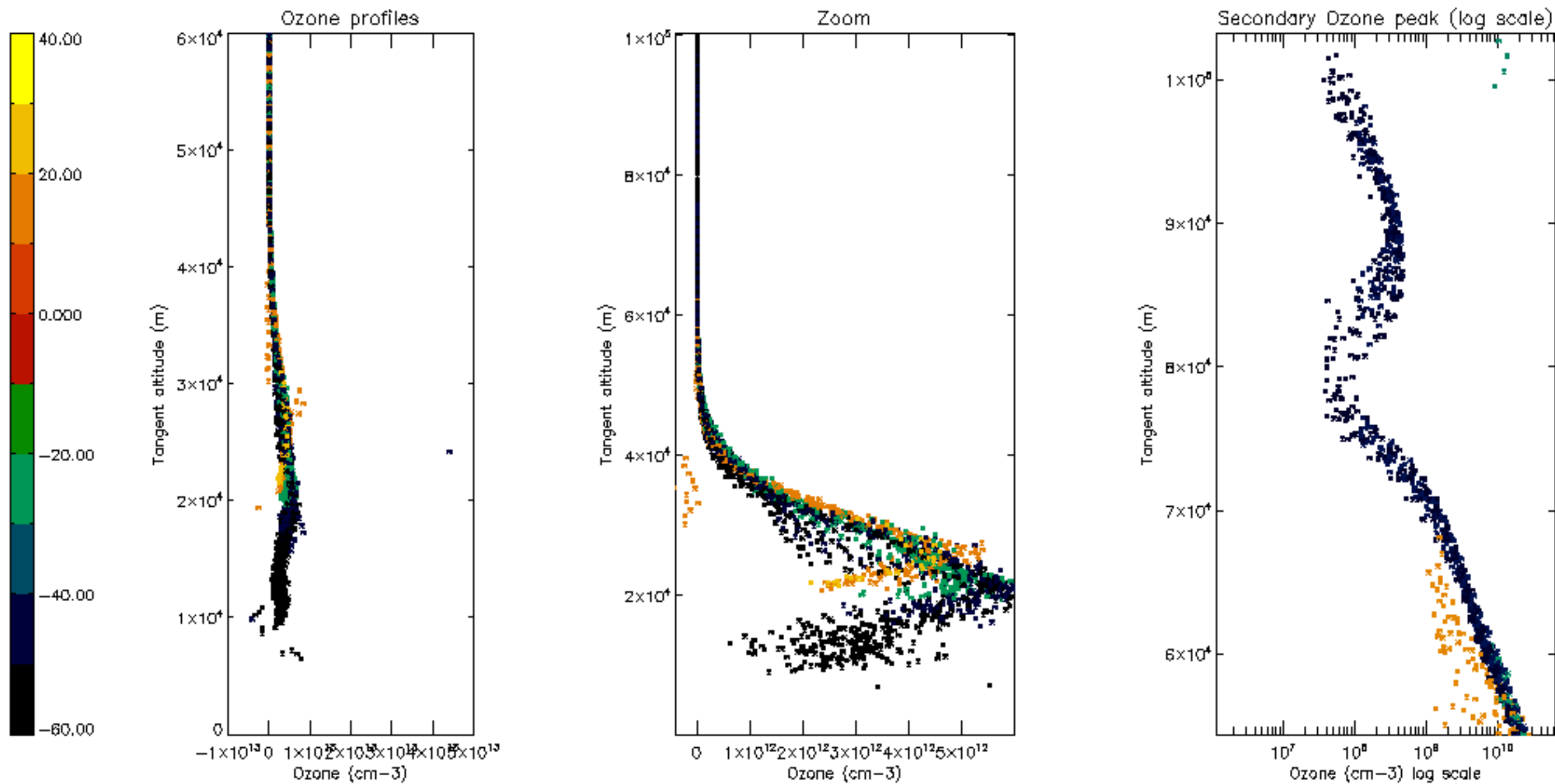
Percentage of star falling outside central band per profile

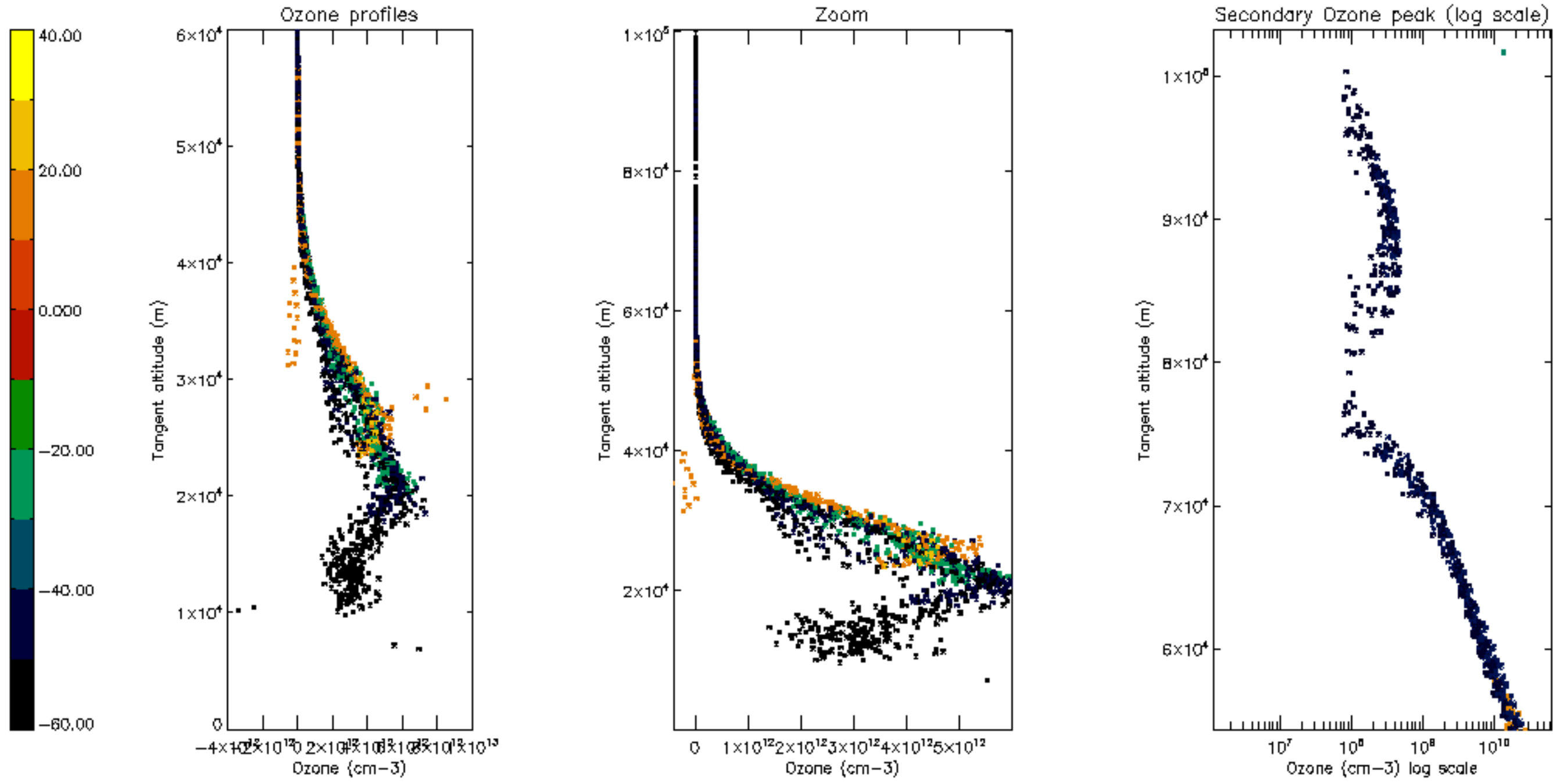


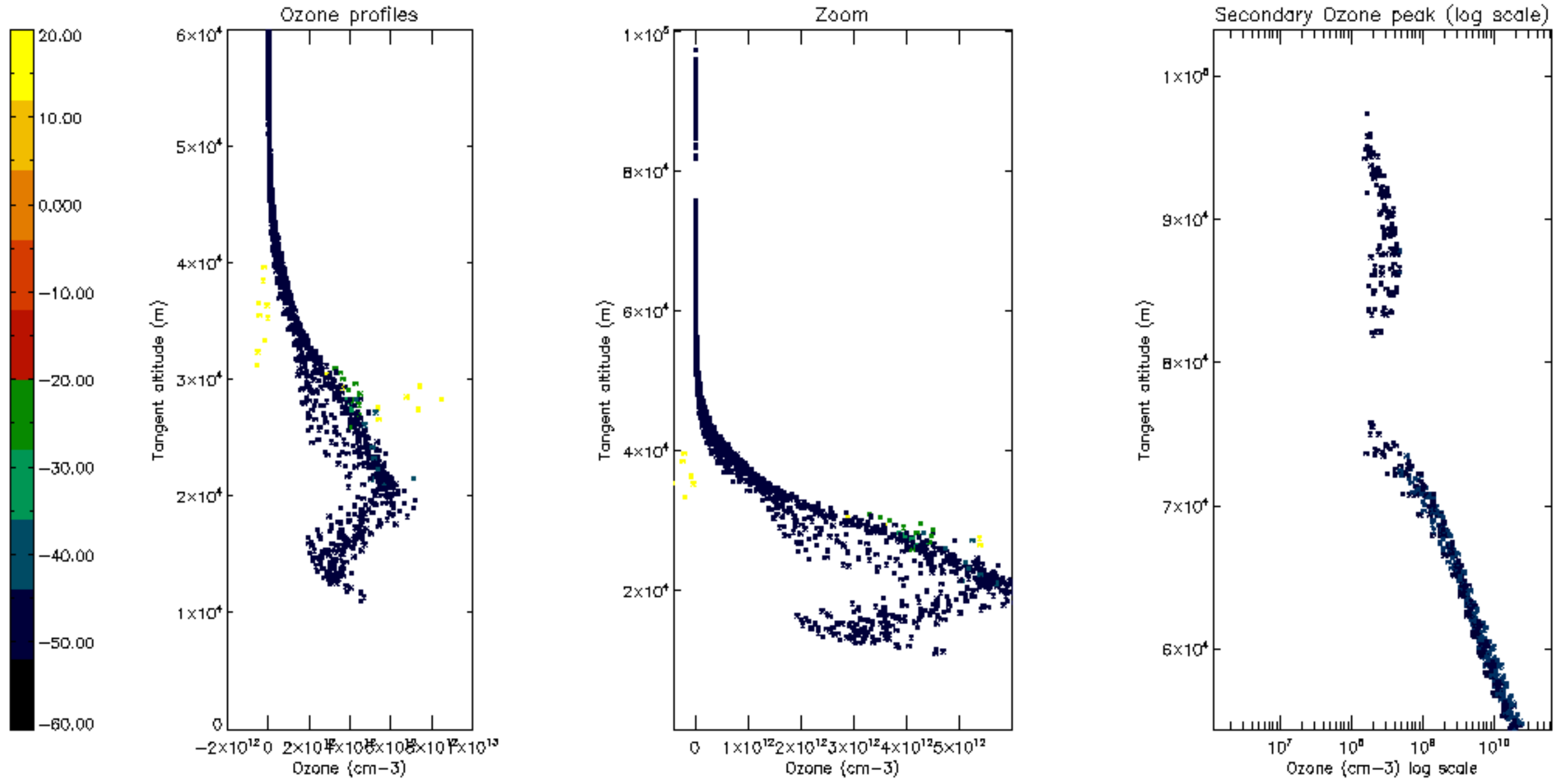
Percentage of saturation errors per profile

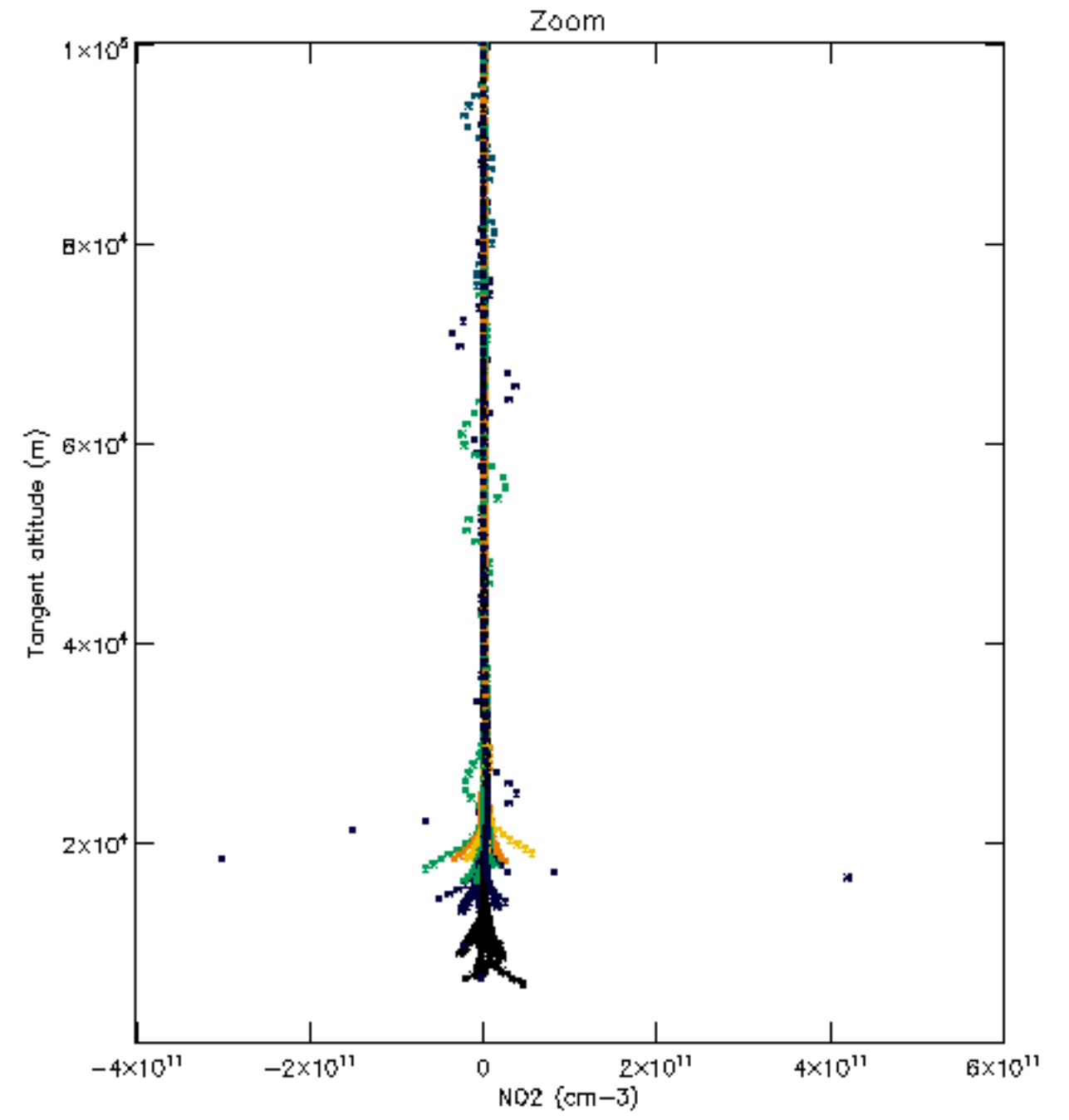
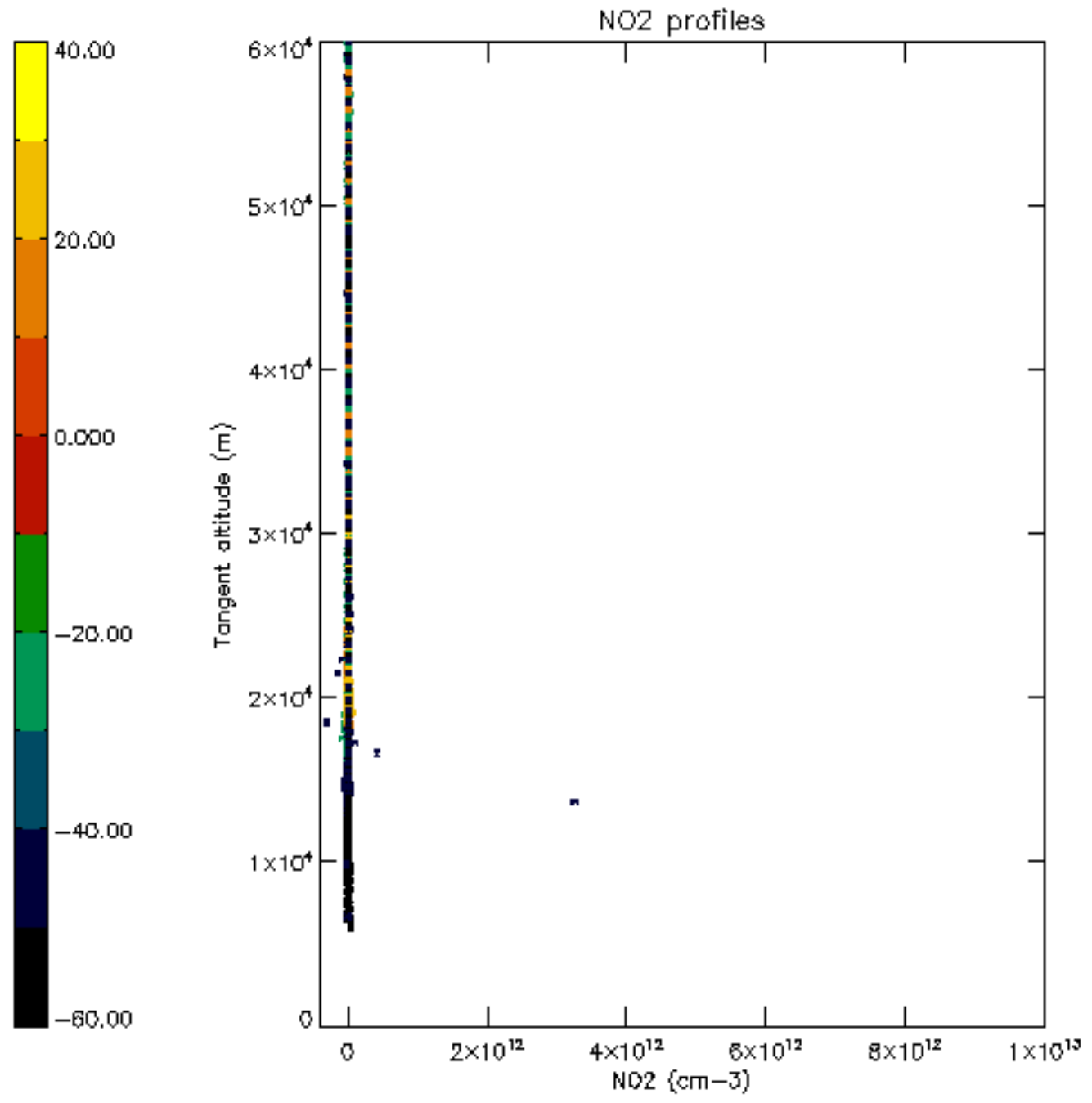


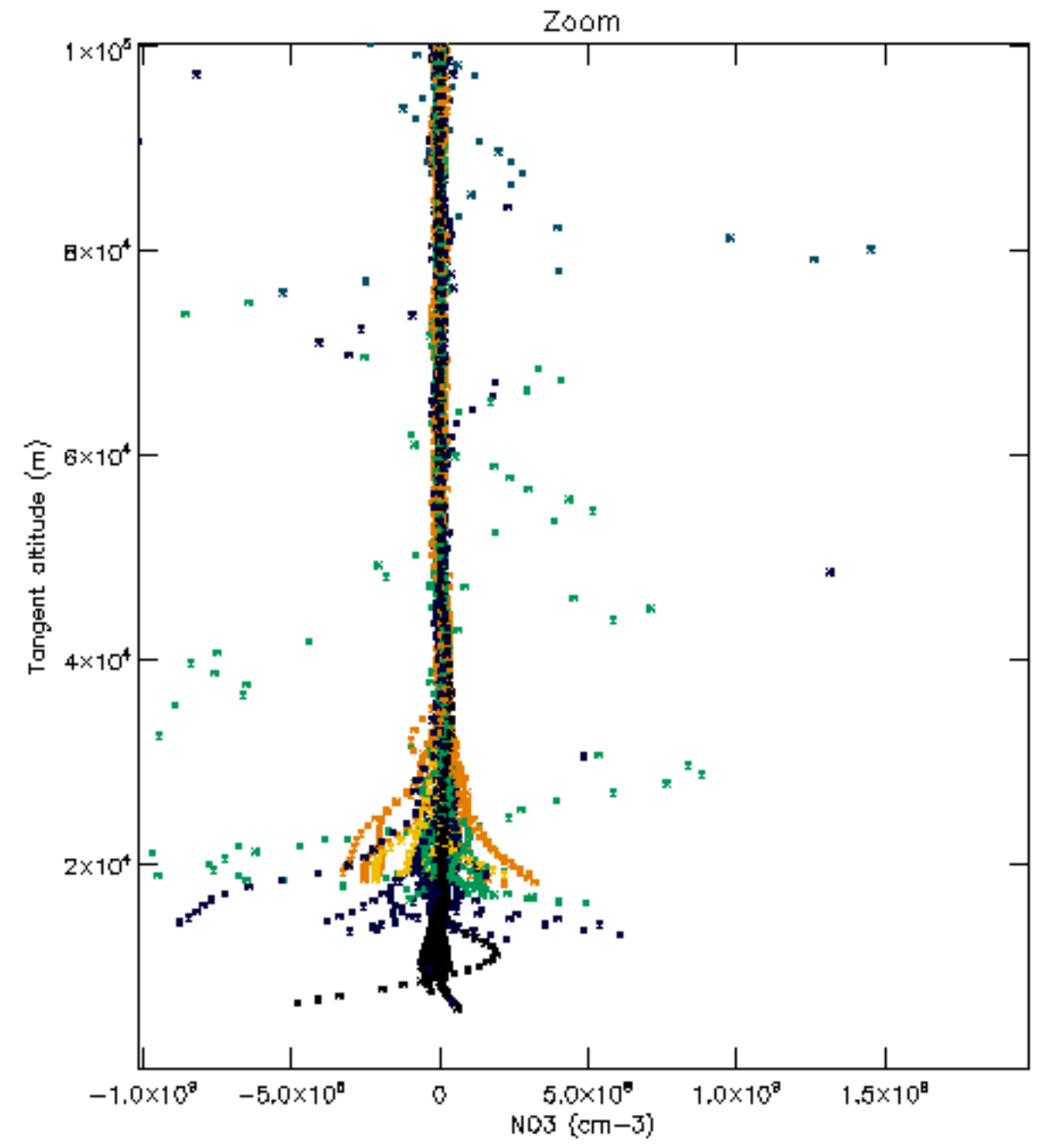
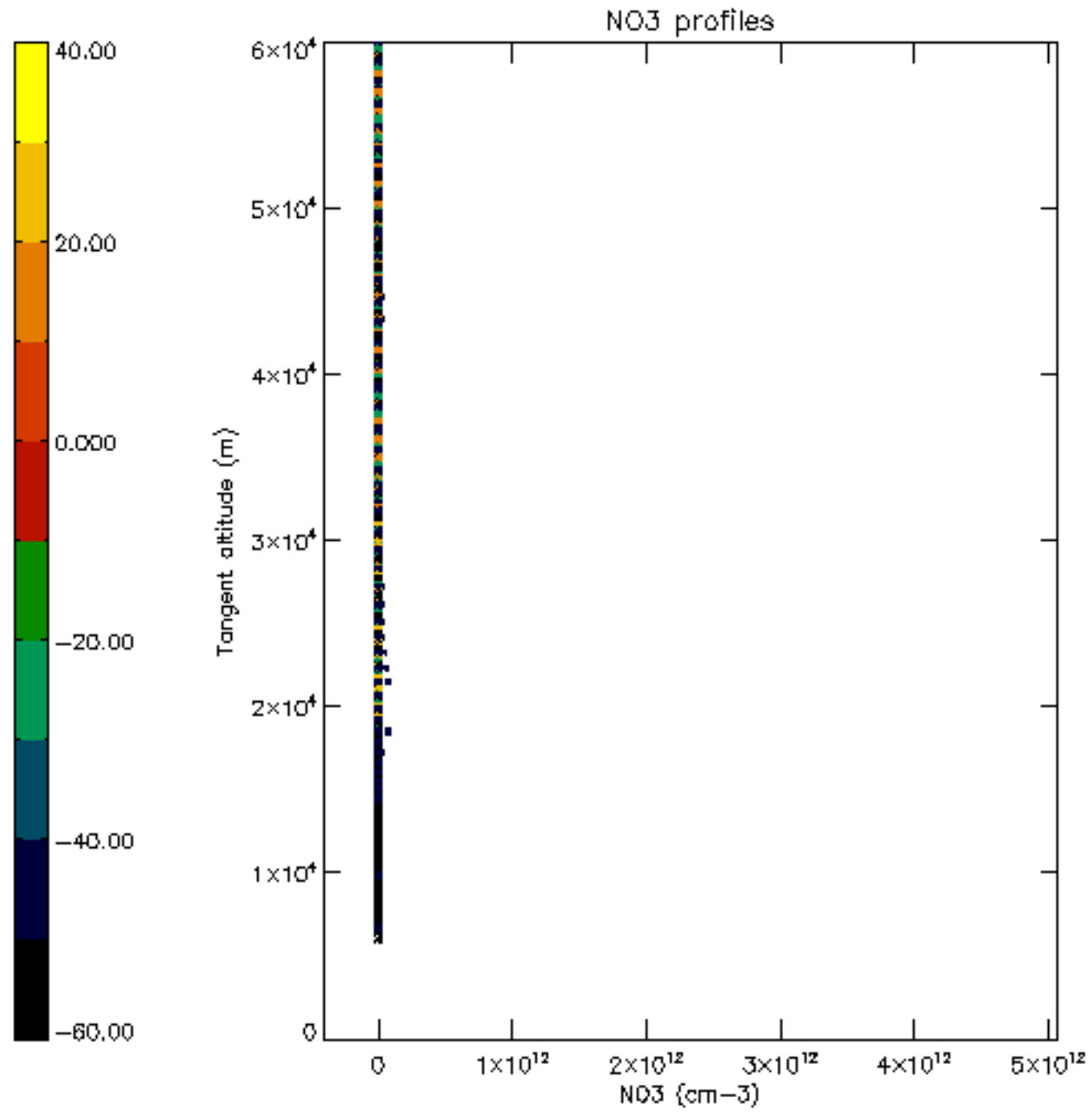


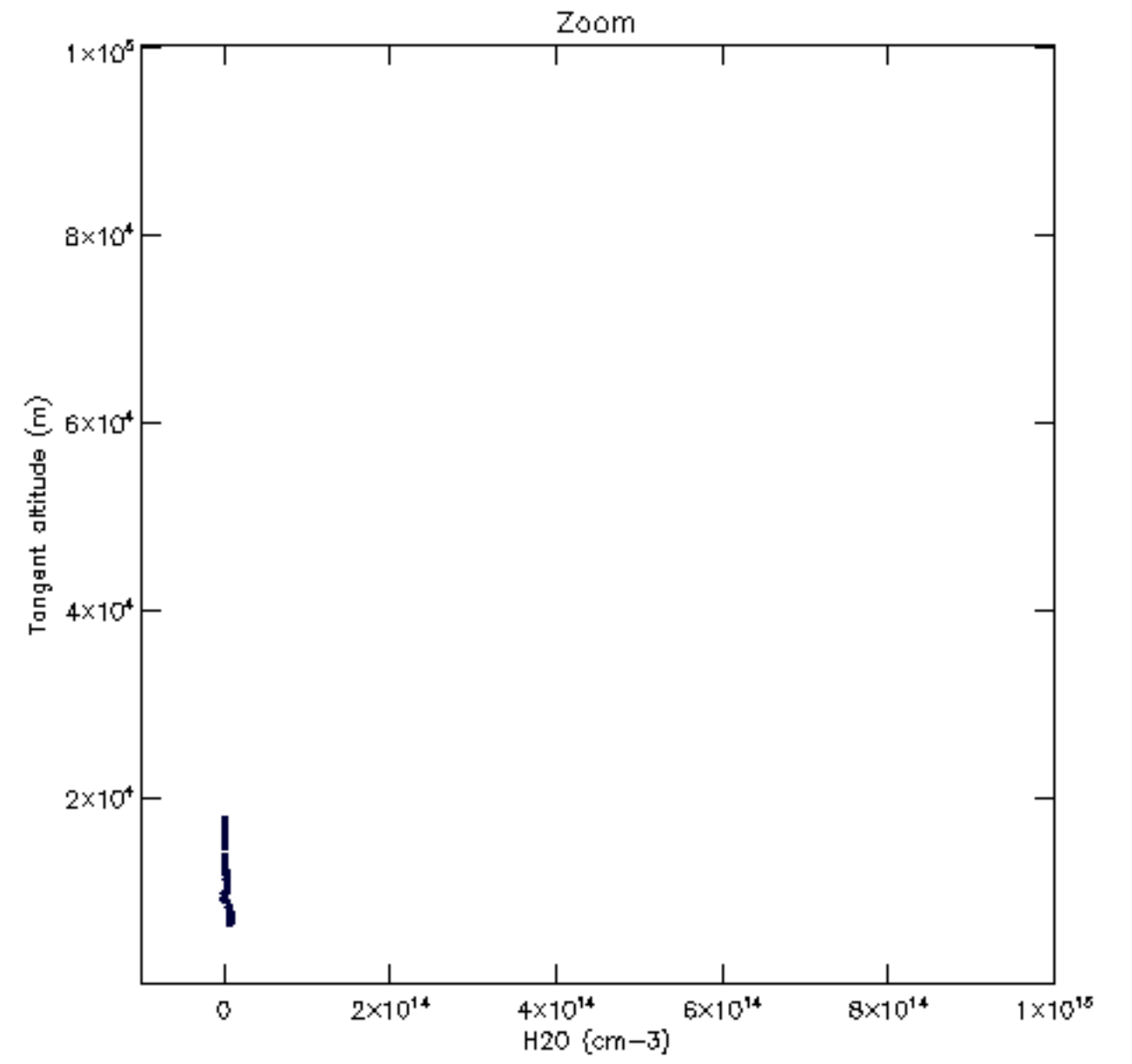
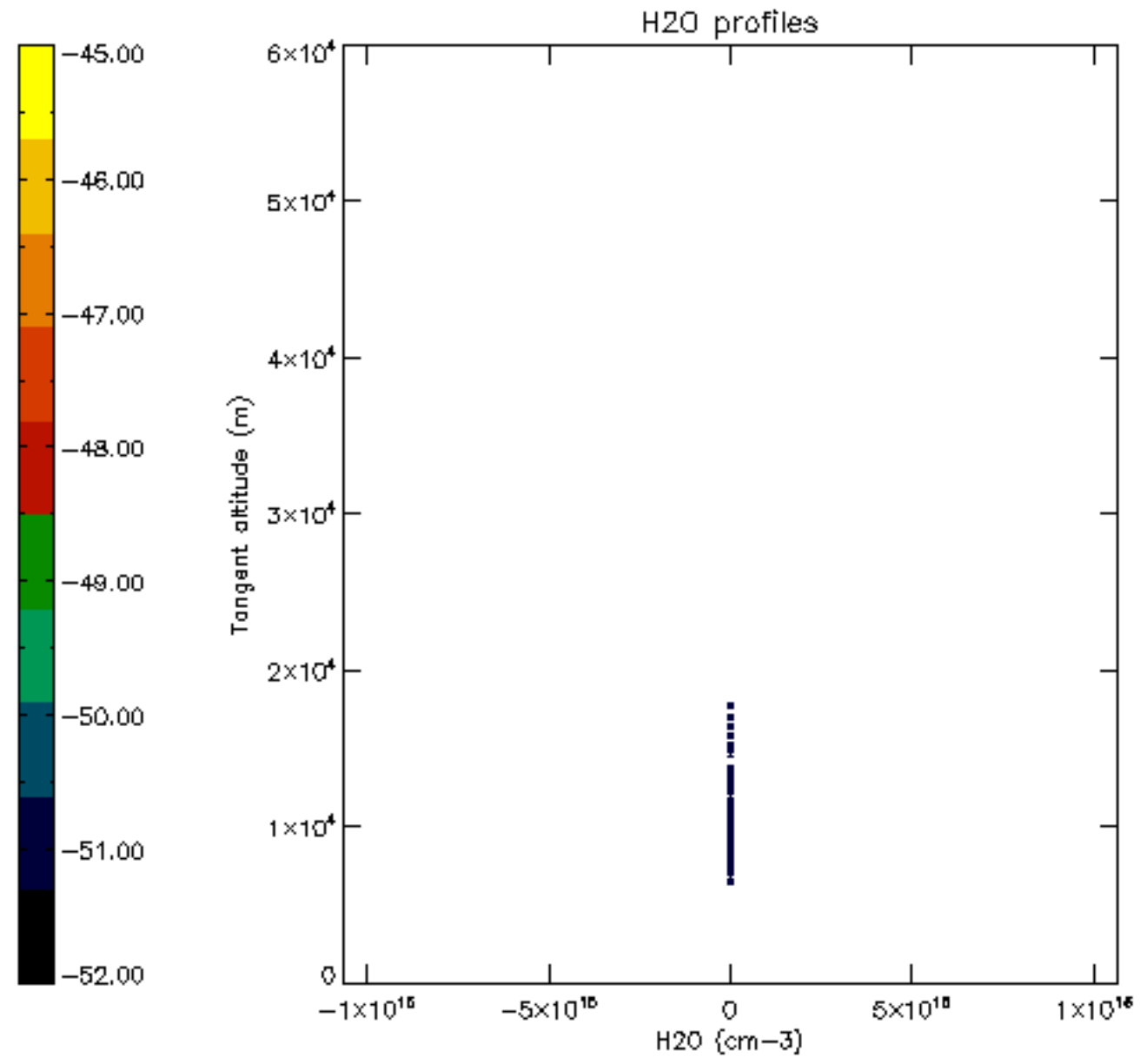


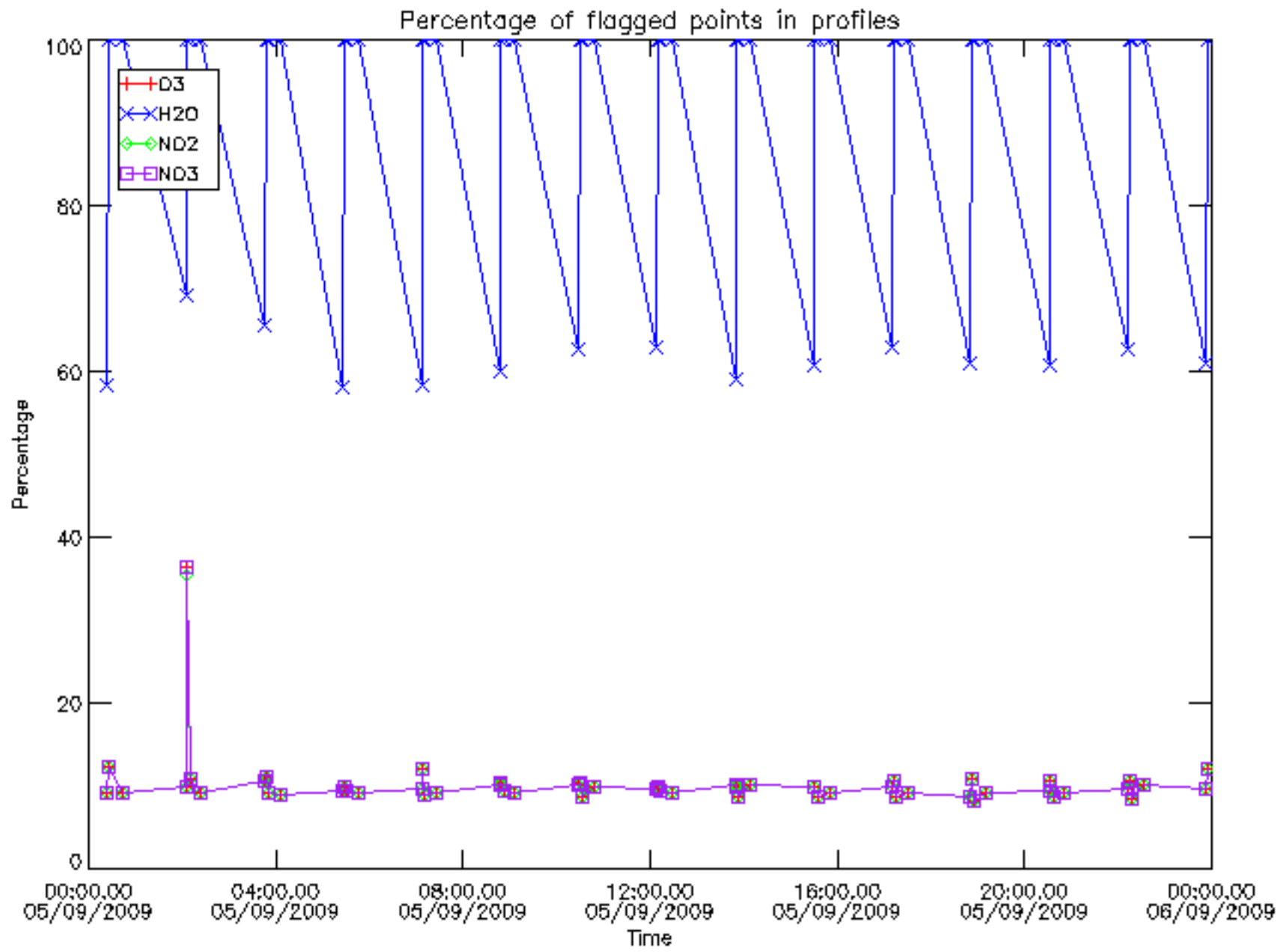




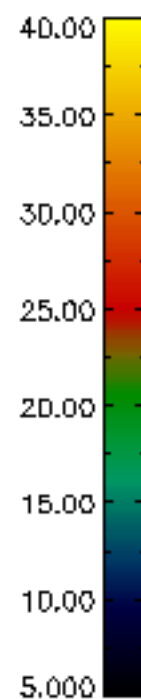
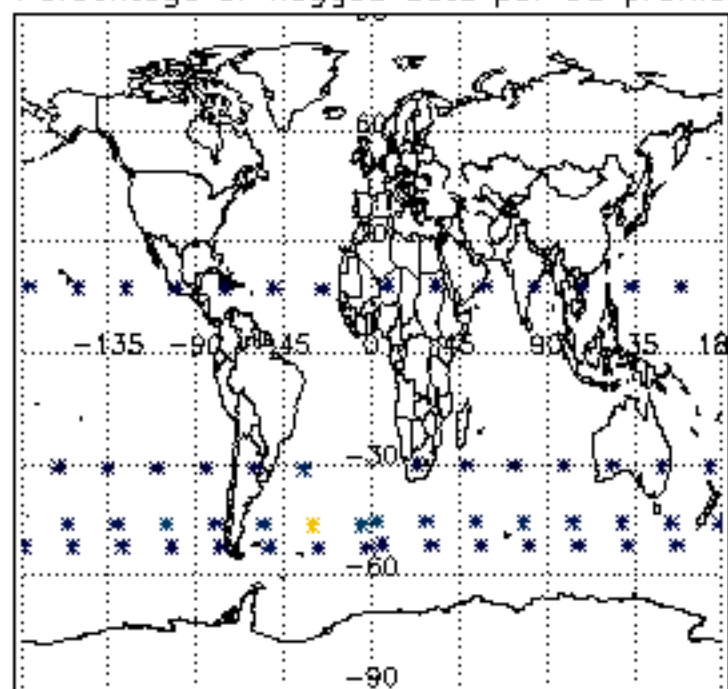




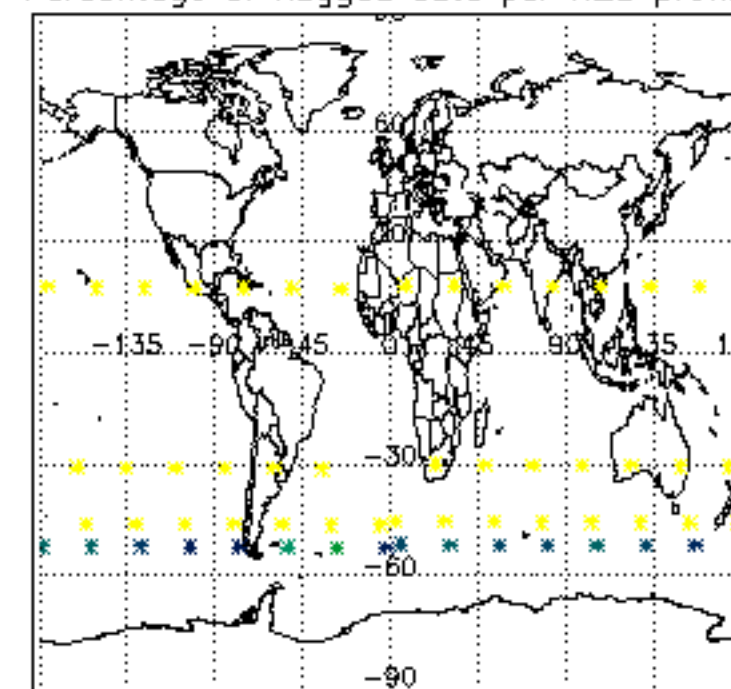




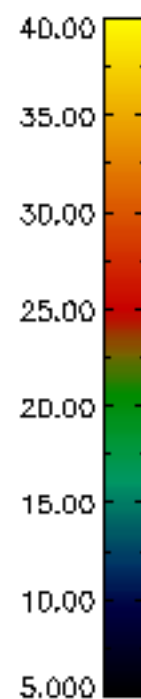
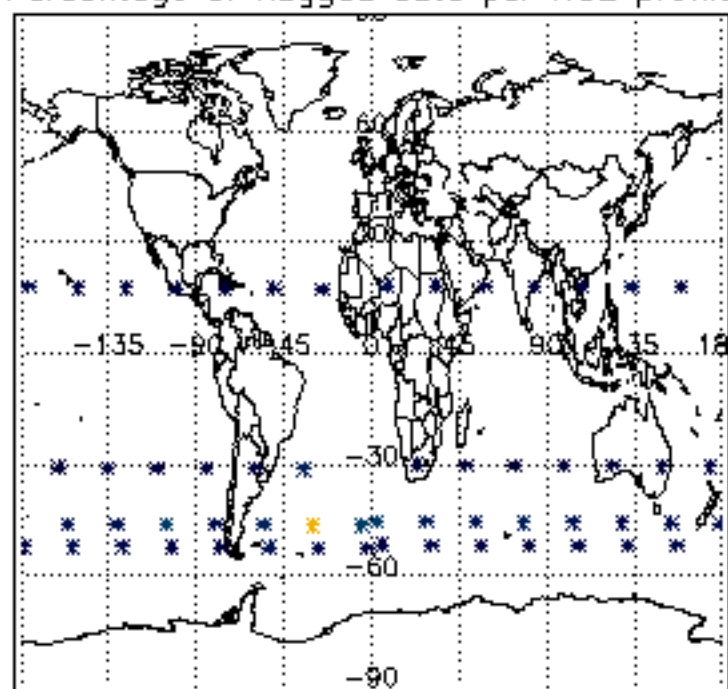
Percentage of flagged data per D3 profile



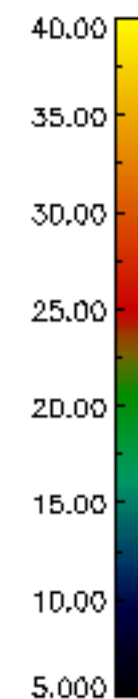
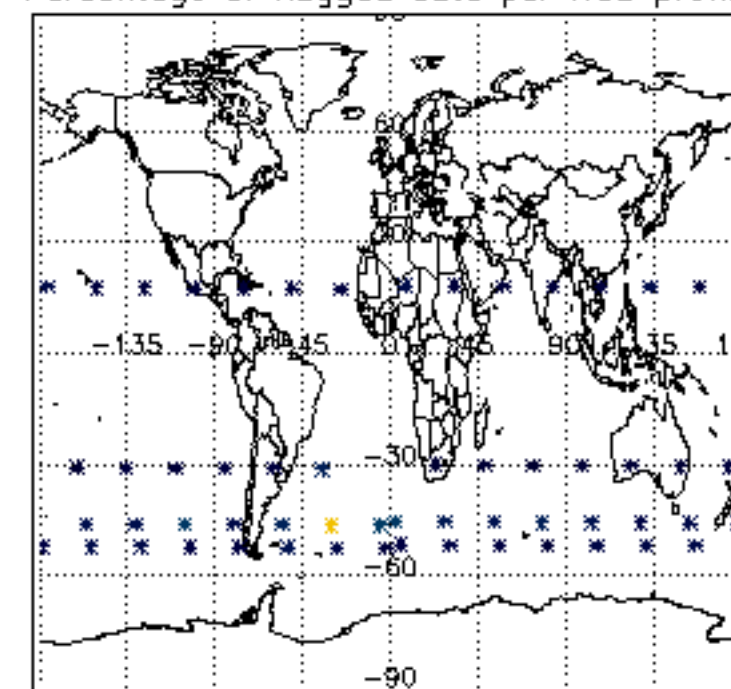
Percentage of flagged data per H2O profile

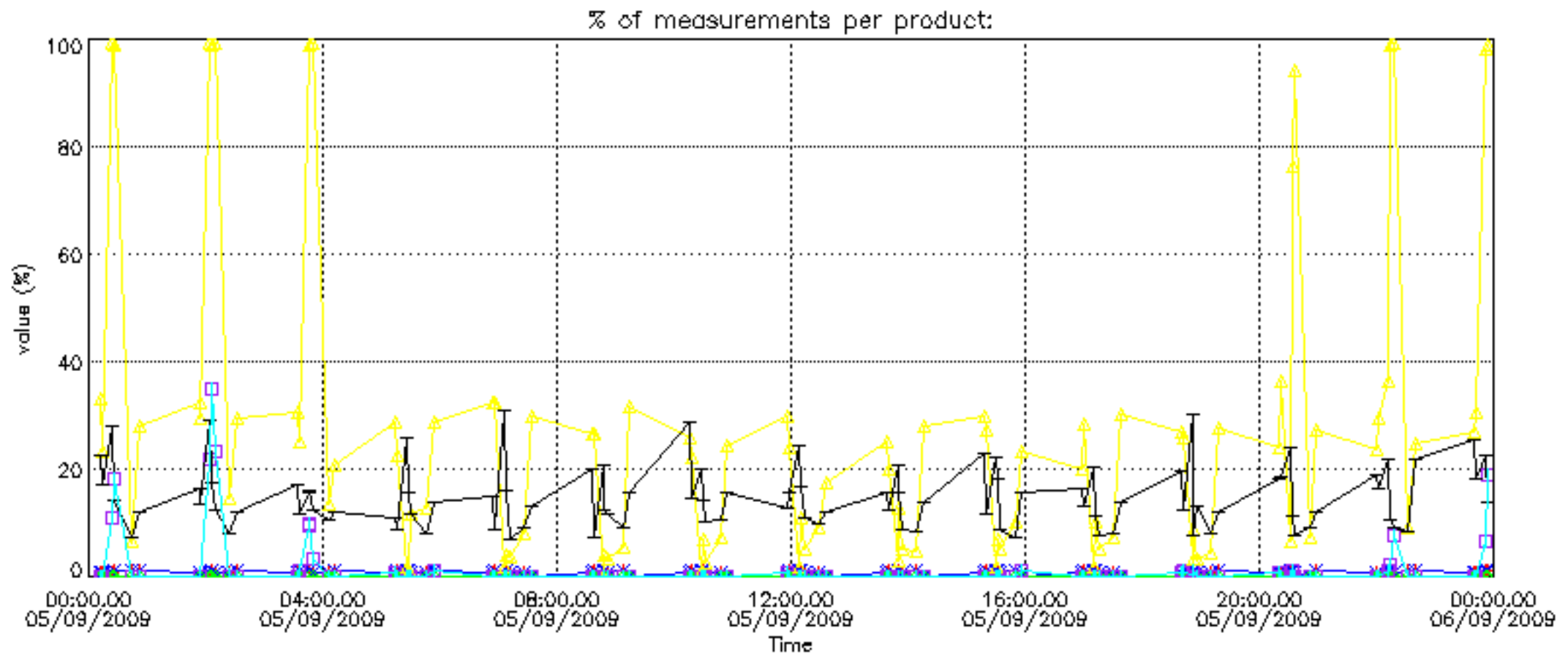


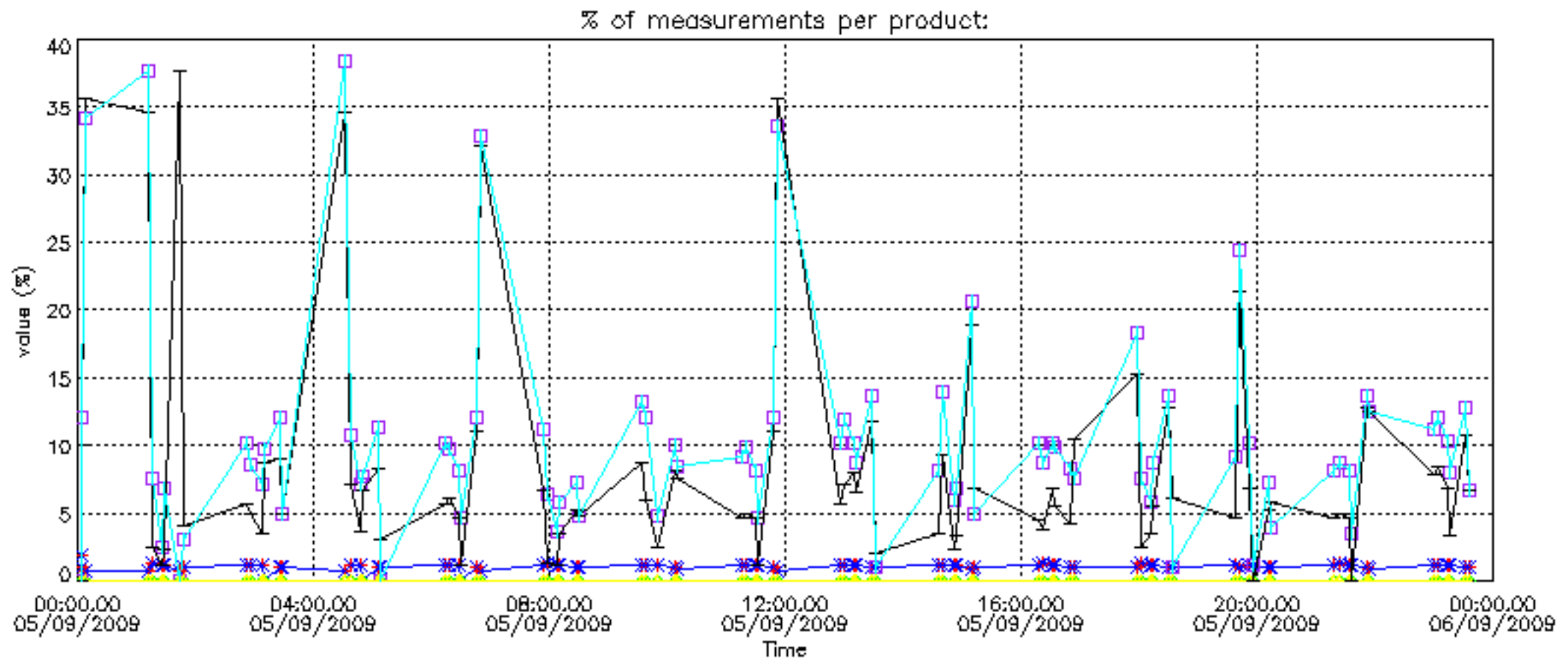
Percentage of flagged data per NO2 profile



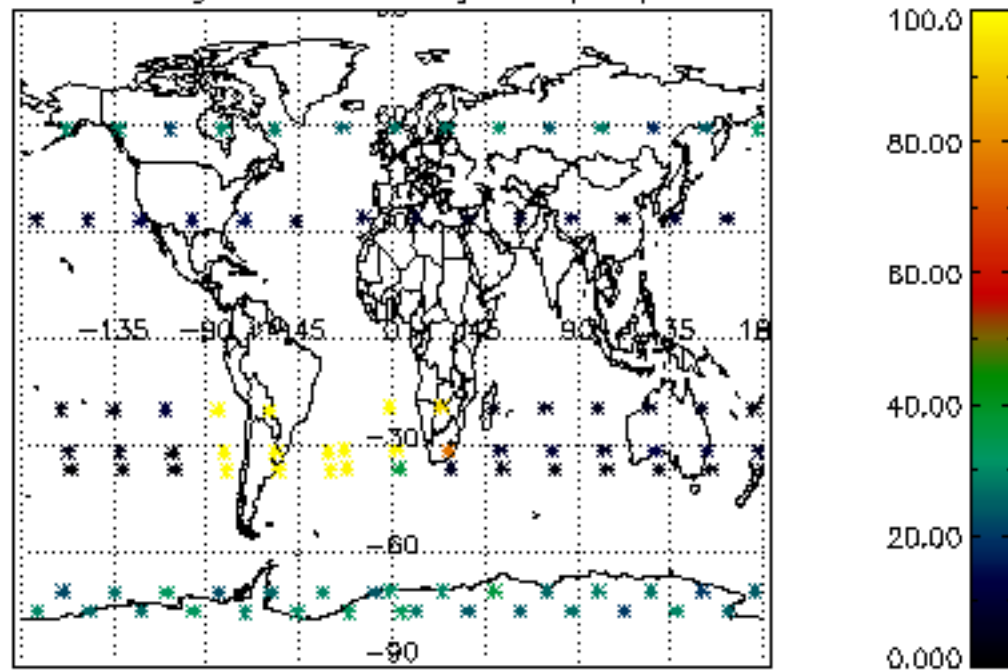
Percentage of flagged data per NO3 profile



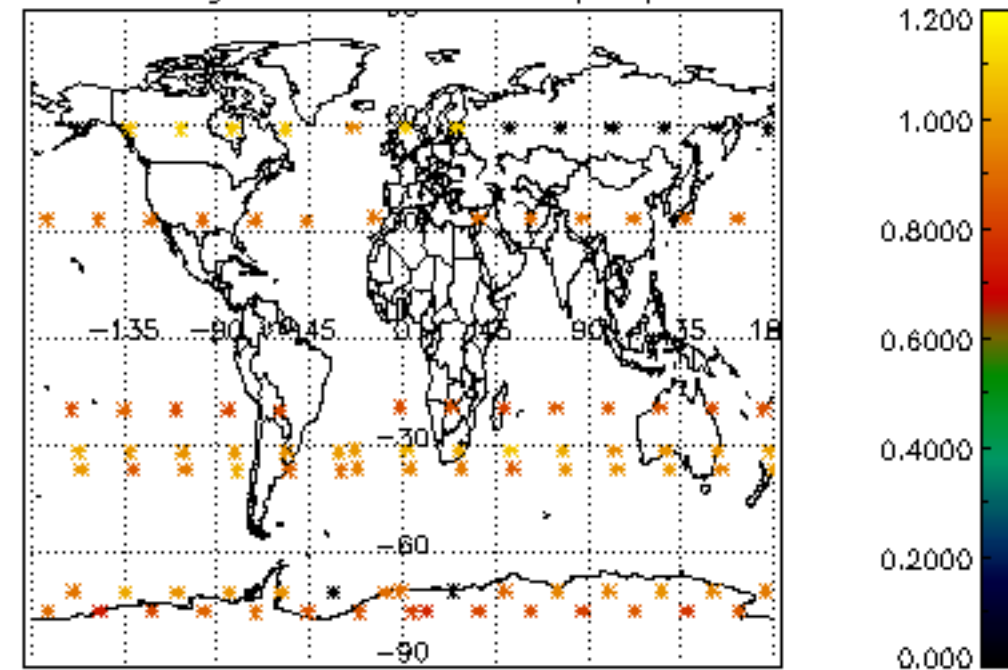




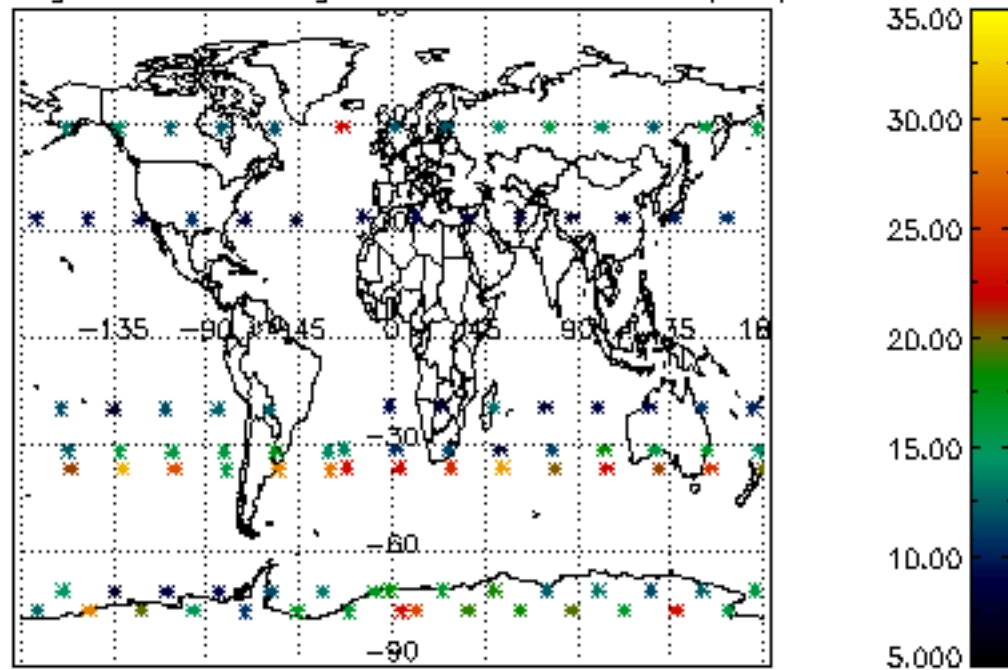
Percentage of cosmic ray hits per profile



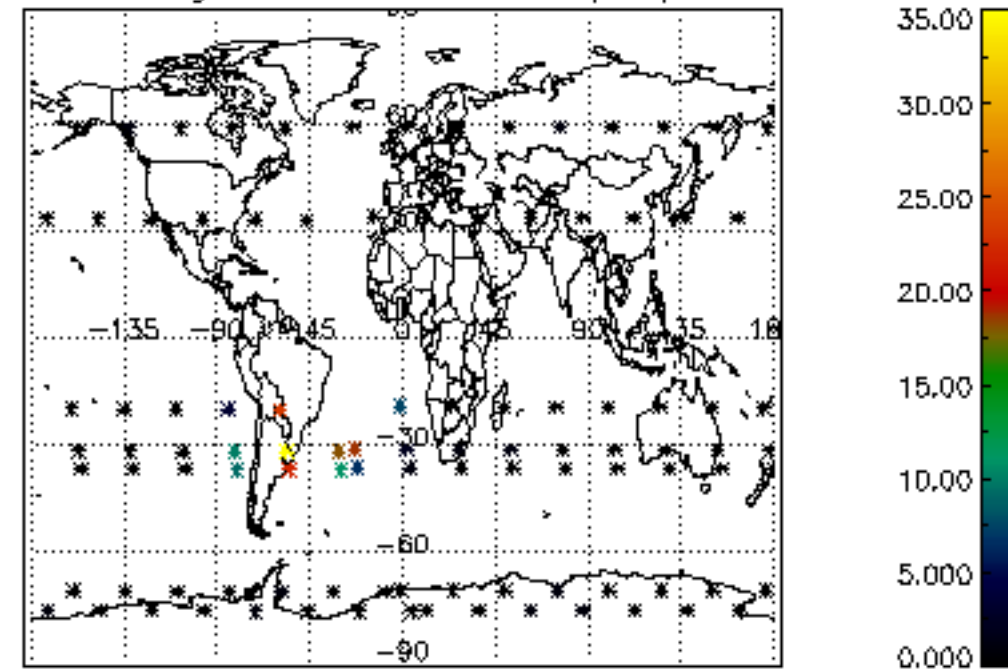
Percentage of datation errors per profile



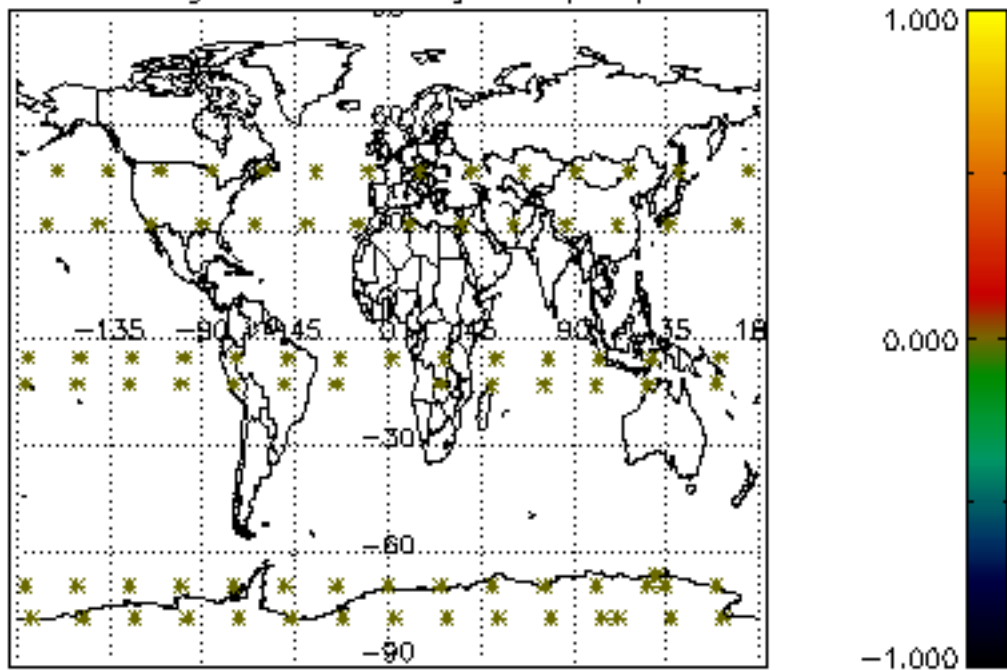
Percentage of star falling outside central band per profile



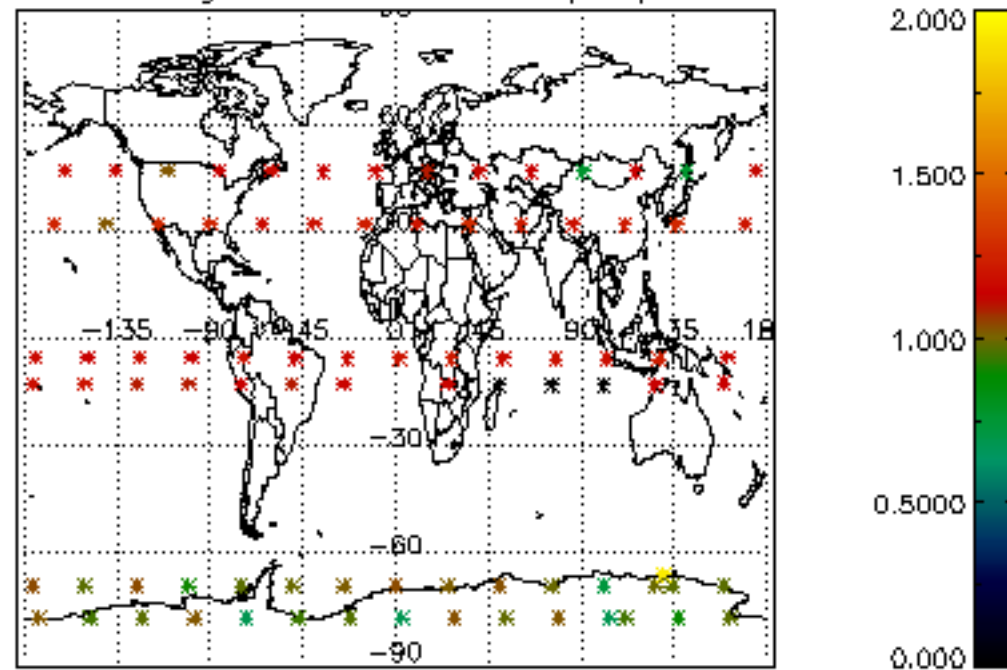
Percentage of saturation errors per profile



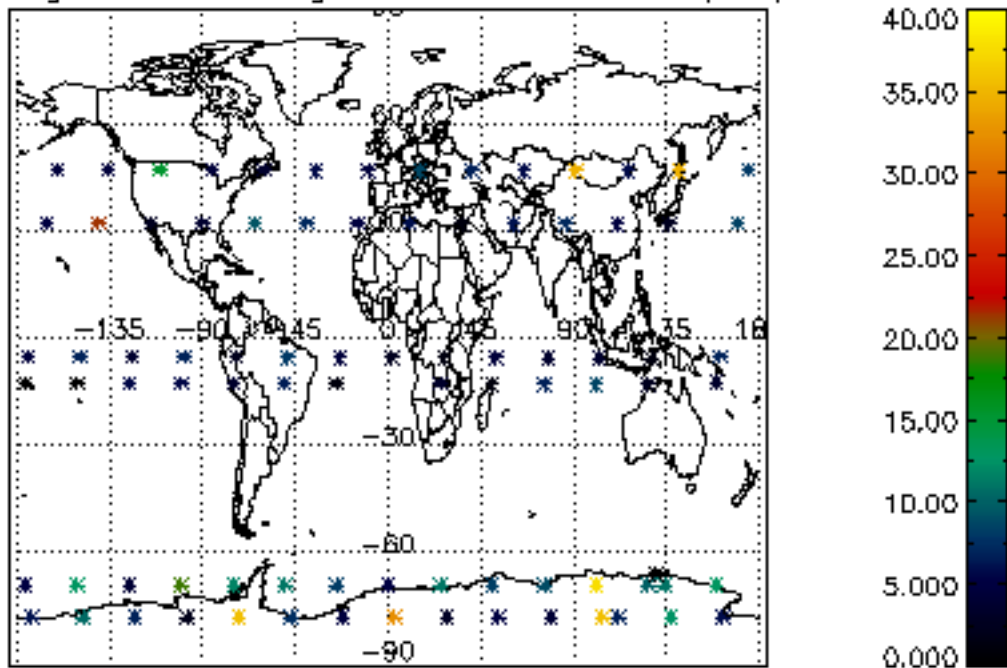
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

