

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 12:26:28
Data source version	GOMOS/6.01
Start time of products	03-09-2009 (03SEP2009 00:00:00)
Stop time of products	04-09-2009 (04SEP2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	192
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__2PRFIN20090903_000600_000000562082_00131_39263_3171.N1	03-SEP-2009 00:06:00	Dark	56.000	157	The1Eri	2.9060	9300.0	112	39263	No
2	GOM_NL__2PRFIN20090903_001337_000000552082_00131_39263_3172.N1	03-SEP-2009 00:13:37	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	39263	No
3	GOM_NL__2PRFIN20090903_003435_000000472082_00131_39263_3173.N1	03-SEP-2009 00:34:35	Bright	47.000	90	54Alp Peg	2.4870	11000.	94	39263	No
4	GOM_NL__2PRFIN20090903_003847_000000422082_00131_39263_3174.N1	03-SEP-2009 00:38:47	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	39263	No
5	GOM_NL__2PRFIN20090903_004924_000000392082_00131_39263_3175.N1	03-SEP-2009 00:49:24	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	39263	No
6	GOM_NL__2PRFIN20090903_005130_000000462082_00131_39263_3176.N1	03-SEP-2009 00:51:30	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39263	No
7	GOM_NL__2PRFIN20090903_010627_000000622082_00131_39263_3177.N1	03-SEP-2009 01:06:27	Bright	61.500	6	13Alp Aur	0.080000	3400.0	123	39263	No
8	GOM_NL__2PRFIN20090903_011017_000000482082_00131_39263_3178.N1	03-SEP-2009 01:10:17	Bright	48.000	107	37The Aur	2.6490	11000.	96	39263	No
9	GOM_NL__2PRFIN20090903_011535_000000572082_00131_39263_3179.N1	03-SEP-2009 01:15:35	Tw_i_and_stray	56.500	151	13Mu Gem	2.8900	3000.0	113	39263	No
10	GOM_NL__2PRFIN20090903_011723_000000522082_00131_39263_3180.N1	03-SEP-2009 01:17:23	Tw_i_and_stray	51.500	44	24Gam Gem	1.9280	11000.	103	39263	No
11	GOM_NL__2PRFIN20090903_012212_000000722082_00131_39263_3181.N1	03-SEP-2009 01:22:12	Dark	71.500	14	58Alp Ori	0.87000	3000.0	143	39263	No
12	GOM_NL__2PRFIN20090903_012712_000000532082_00131_39263_3182.N1	03-SEP-2009 01:27:12	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	39263	No
13	GOM_NL__2PRFIN20090903_012832_000000512082_00131_39263_3183.N1	03-SEP-2009 01:28:32	Dark	51.000	47	2Bet CMa	1.9760	28000.	102	39263	No
14	GOM_NL__2PRFIN20090903_013137_000000622082_00131_39263_3184.N1	03-SEP-2009 01:31:37	Dark	61.500	101	11Alp Lep	2.5820	7000.0	123	39263	No
15	GOM_NL__2PRFIN20090903_014637_000000542082_00132_39264_3188.N1	03-SEP-2009 01:46:37	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39264	No
16	GOM_NL__2PRFIN20090903_015414_000000512082_00132_39264_3189.N1	03-SEP-2009 01:54:14	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	39264	No
17	GOM_NL__2PRFIN20090903_021510_000000562082_00132_39264_3190.N1	03-SEP-2009 02:15:10	Bright	56.000	90	54Alp Peg	2.4870	11000.	112	39264	No
18	GOM_NL__2PRFIN20090903_021922_000000412082_00132_39264_3191.N1	03-SEP-2009 02:19:22	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	39264	No
19	GOM_NL__2PRFIN20090903_023000_000000422082_00132_39264_3192.N1	03-SEP-2009 02:30:00	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	39264	No
20	GOM_NL__2PRFIN20090903_023205_000000462082_00132_39264_3193.N1	03-SEP-2009 02:32:05	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39264	No
21	GOM_NL__2PRFIN20090903_024702_000000592082_00132_39264_3194.N1	03-SEP-2009 02:47:02	Bright	59.000	6	13Alp Aur	0.080000	3400.0	118	39264	No
22	GOM_NL__2PRFIN20090903_025053_000000492082_00132_39264_3195.N1	03-SEP-2009 02:50:53	Bright	49.000	107	37The Aur	2.6490	11000.	98	39264	No
23	GOM_NL__2PRFIN20090903_025611_000000582082_00132_39264_3196.N1	03-SEP-2009 02:56:11	Tw_i_and_stray	57.500	151	13Mu Gem	2.8900	3000.0	115	39264	No
24	GOM_NL__2PRFIN20090903_025759_000000522082_00132_39264_3197.N1	03-SEP-2009 02:57:59	Tw_i_and_stray	51.500	44	24Gam Gem	1.9280	11000.	103	39264	No
25	GOM_NL__2PRFIN20090903_030249_000000822082_00132_39264_3198.N1	03-SEP-2009 03:02:49	Dark	82.000	14	58Alp Ori	0.87000	3000.0	164	39264	No
26	GOM_NL__2PRFIN20090903_030748_000000512082_00132_39264_3199.N1	03-SEP-2009 03:07:48	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	39264	No
27	GOM_NL__2PRFIN20090903_031214_000000592082_00132_39264_3200.N1	03-SEP-2009 03:12:14	Dark	58.500	101	11Alp Lep	2.5820	7000.0	117	39264	No
28	GOM_NL__2PRFIN20090903_032714_000000552082_00133_39265_3221.N1	03-SEP-2009 03:27:14	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39265	No
29	GOM_NL__2PRFIN20090903_033450_000000482082_00133_39265_3222.N1	03-SEP-2009 03:34:50	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	39265	No
30	GOM_NL__2PRFIN20090903_035546_000000672082_00133_39265_3223.N1	03-SEP-2009 03:55:46	Bright	67.000	90	54Alp Peg	2.4870	11000.	134	39265	No
31	GOM_NL__2PRFIN20090903_035958_000000622082_00133_39265_3224.N1	03-SEP-2009 03:59:58	Bright	62.000	164	44Eta Peg	2.9480	5400.0	124	39265	No
32	GOM_NL__2PRFIN20090903_041035_000000402082_00133_39265_3225.N1	03-SEP-2009 04:10:35	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	39265	No
33	GOM_NL__2PRFIN20090903_041241_000000442082_00133_39265_3226.N1	03-SEP-2009 04:12:41	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	39265	No
34	GOM_NL__2PRFIN20090903_042738_000000632082_00133_39265_3227.N1	03-SEP-2009 04:27:38	Bright	62.500	6	13Alp Aur	0.080000	3400.0	125	39265	No
35	GOM_NL__2PRFIN20090903_043129_000000542082_00133_39265_3228.N1	03-SEP-2009 04:31:29	Bright	53.500	107	37The Aur	2.6490	11000.	107	39265	No
36	GOM_NL__2PRFIN20090903_043648_000000572082_00133_39265_3229.N1	03-SEP-2009 04:36:48	Tw_i_and_stray	56.500	151	13Mu Gem	2.8900	3000.0	113	39265	No
37	GOM_NL__2PRFIN20090903_043836_000000492082_00133_39265_3230.N1	03-SEP-2009 04:38:36	Tw_i_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	39265	No
38	GOM_NL__2PRFIN20090903_044326_000000822082_00133_39265_3231.N1	03-SEP-2009 04:43:26	Dark	82.000	14	58Alp Ori	0.87000	3000.0	164	39265	No
39	GOM_NL__2PRFIN20090903_044825_000000512082_00133_39265_3232.N1	03-SEP-2009 04:48:25	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	39265	No
40	GOM_NL__2PRFIN20090903_044945_000000492082_00133_39265_3233.N1	03-SEP-2009 04:49:45	Dark	48.500	47	2Bet CMa	1.9760	28000.	97	39265	No
41	GOM_NL__2PRFIN20090903_045251_000000612082_00133_39265_3234.N1	03-SEP-2009 04:52:51	Dark	60.500	101	11Alp Lep	2.5820	7000.0	121	39265	No
42	GOM_NL__2PRFIN20090903_050751_000000562082_00134_39266_3233.N1	03-SEP-2009 05:07:51	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39266	No

43	GOM_NL__2PRFIN20090903_051527_000000482082_00134_39266_3234.N1	03-SEP-2009 05:15:27	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	39266	No
44	GOM_NL__2PRFIN20090903_053621_000000672082_00134_39266_3235.N1	03-SEP-2009 05:36:21	Bright	67.000	90	54Alp Peg	2.4870	11000.	134	39266	No
45	GOM_NL__2PRFIN20090903_054034_000000622082_00134_39266_3236.N1	03-SEP-2009 05:40:34	Bright	62.000	164	44Eta Peg	2.9480	5400.0	124	39266	No
46	GOM_NL__2PRFIN20090903_055110_000000452082_00134_39266_3237.N1	03-SEP-2009 05:51:10	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	39266	No
47	GOM_NL__2PRFIN20090903_055316_000000462082_00134_39266_3238.N1	03-SEP-2009 05:53:16	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	39266	No
48	GOM_NL__2PRFIN20090903_060814_000000692082_00134_39266_3239.N1	03-SEP-2009 06:08:14	Bright	68.500	6	13Alp Aur	0.080000	3400.0	137	39266	No
49	GOM_NL__2PRFIN20090903_061205_000000482082_00134_39266_3240.N1	03-SEP-2009 06:12:05	Bright	47.500	107	37The Aur	2.6490	11000.	95	39266	No
50	GOM_NL__2PRFIN20090903_061724_000000602082_00134_39266_3241.N1	03-SEP-2009 06:17:24	Twi_and_stray	60.000	151	13Mu Gem	2.8900	3000.0	120	39266	No
51	GOM_NL__2PRFIN20090903_061912_000000512082_00134_39266_3242.N1	03-SEP-2009 06:19:12	Twi_and_stray	50.500	44	24Gam Gem	1.9280	11000.	101	39266	No
52	GOM_NL__2PRFIN20090903_062403_000000702082_00134_39266_3243.N1	03-SEP-2009 06:24:03	Dark	69.500	14	58Alp Ori	0.87000	3000.0	139	39266	No
53	GOM_NL__2PRFIN20090903_062902_000000512082_00134_39266_3244.N1	03-SEP-2009 06:29:02	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	39266	No
54	GOM_NL__2PRFIN20090903_063022_000000492082_00134_39266_3245.N1	03-SEP-2009 06:30:22	Dark	49.000	47	2Bet CMa	1.9760	28000.	98	39266	No
55	GOM_NL__2PRFIN20090903_063430_000000542082_00134_39266_3246.N1	03-SEP-2009 06:34:30	Dark	54.000	139	9Bet Lep	2.8330	5600.0	108	39266	No
56	GOM_NL__2PRFIN20090903_064829_000000552082_00135_39267_3258.N1	03-SEP-2009 06:48:29	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39267	No
57	GOM_NL__2PRFIN20090903_065603_000000492082_00135_39267_3259.N1	03-SEP-2009 06:56:03	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	39267	No
58	GOM_NL__2PRFIN20090903_071657_000000462082_00135_39267_3260.N1	03-SEP-2009 07:16:57	Bright	45.500	90	54Alp Peg	2.4870	11000.	91	39267	No
59	GOM_NL__2PRFIN20090903_072109_000000432082_00135_39267_3261.N1	03-SEP-2009 07:21:09	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	39267	No
60	GOM_NL__2PRFIN20090903_073146_000000432082_00135_39267_3262.N1	03-SEP-2009 07:31:46	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	39267	No
61	GOM_NL__2PRFIN20090903_073351_000000452082_00135_39267_3263.N1	03-SEP-2009 07:33:51	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	39267	No
62	GOM_NL__2PRFIN20090903_074850_000000642082_00135_39267_3264.N1	03-SEP-2009 07:48:50	Bright	63.500	6	13Alp Aur	0.080000	3400.0	127	39267	No
63	GOM_NL__2PRFIN20090903_075241_000000482082_00135_39267_3265.N1	03-SEP-2009 07:52:41	Bright	47.500	107	37The Aur	2.6490	11000.	95	39267	No
64	GOM_NL__2PRFIN20090903_075800_000000632082_00135_39267_3266.N1	03-SEP-2009 07:58:00	Twi_and_stray	63.000	151	13Mu Gem	2.8900	3000.0	126	39267	No
65	GOM_NL__2PRFIN20090903_075948_000000532082_00135_39267_3267.N1	03-SEP-2009 07:59:48	Twi_and_stray	53.000	44	24Gam Gem	1.9280	11000.	106	39267	No
66	GOM_NL__2PRFIN20090903_080440_000000782082_00135_39267_3268.N1	03-SEP-2009 08:04:40	Dark	78.000	14	58Alp Ori	0.87000	3000.0	156	39267	No
67	GOM_NL__2PRFIN20090903_080938_000000482082_00135_39267_3269.N1	03-SEP-2009 08:09:38	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	39267	No
68	GOM_NL__2PRFIN20090903_081059_000000492082_00135_39267_3270.N1	03-SEP-2009 08:10:59	Dark	49.000	47	2Bet CMa	1.9760	28000.	98	39267	No
69	GOM_NL__2PRFIN20090903_081508_000000552082_00135_39267_3271.N1	03-SEP-2009 08:15:08	Dark	54.500	139	9Bet Lep	2.8330	5600.0	109	39267	No
70	GOM_NL__2PRFIN20090903_082906_000000562082_00136_39268_3272.N1	03-SEP-2009 08:29:06	Dark	56.000	157	The1Eri	2.9060	9300.0	112	39268	No
71	GOM_NL__2PRFIN20090903_083640_000000532082_00136_39268_3273.N1	03-SEP-2009 08:36:40	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	39268	No
72	GOM_NL__2PRFIN20090903_085732_000000452082_00136_39268_3274.N1	03-SEP-2009 08:57:32	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	39268	No
73	GOM_NL__2PRFIN20090903_090145_000000412082_00136_39268_3275.N1	03-SEP-2009 09:01:45	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	39268	No
74	GOM_NL__2PRFIN20090903_091221_000000442082_00136_39268_3276.N1	03-SEP-2009 09:12:21	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	39268	No
75	GOM_NL__2PRFIN20090903_091426_000000462082_00136_39268_3277.N1	03-SEP-2009 09:14:26	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39268	No
76	GOM_NL__2PRFIN20090903_092925_000000642082_00136_39268_3278.N1	03-SEP-2009 09:29:25	Bright	63.500	6	13Alp Aur	0.080000	3400.0	127	39268	No
77	GOM_NL__2PRFIN20090903_093837_000000642082_00136_39268_3279.N1	03-SEP-2009 09:38:37	Twi_and_stray	63.500	151	13Mu Gem	2.8900	3000.0	127	39268	No
78	GOM_NL__2PRFIN20090903_094025_000000532082_00136_39268_3280.N1	03-SEP-2009 09:40:25	Twi_and_stray	52.500	44	24Gam Gem	1.9280	11000.	105	39268	No
79	GOM_NL__2PRFIN20090903_094517_000000702082_00136_39268_3281.N1	03-SEP-2009 09:45:17	Dark	70.000	14	58Alp Ori	0.87000	3000.0	140	39268	No
80	GOM_NL__2PRFIN20090903_095015_000000512082_00136_39268_3282.N1	03-SEP-2009 09:50:15	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	39268	No
81	GOM_NL__2PRFIN20090903_095136_000000462082_00136_39268_3283.N1	03-SEP-2009 09:51:36	Dark	46.000	47	2Bet CMa	1.9760	28000.	92	39268	No
82	GOM_NL__2PRFIN20090903_095545_000000562082_00136_39268_3284.N1	03-SEP-2009 09:55:45	Dark	56.000	139	9Bet Lep	2.8330	5600.0	112	39268	No
83	GOM_NL__2PRFIN20090903_100943_000000562082_00137_39269_3286.N1	03-SEP-2009 10:09:43	Dark	56.000	157	The1Eri	2.9060	9300.0	112	39269	No
84	GOM_NL__2PRFIN20090903_101716_000000442082_00137_39269_3287.N1	03-SEP-2009 10:17:16	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	39269	No
85	GOM_NL__2PRFIN20090903_103808_000000462082_00137_39269_3288.N1	03-SEP-2009 10:38:08	Bright	46.000	90	54Alp Peg	2.4870	11000.	92	39269	No
86	GOM_NL__2PRFIN20090903_104220_000000422082_00137_39269_3289.N1	03-SEP-2009 10:42:20	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	39269	No
87	GOM_NL__2PRFIN20090903_105256_000000432082_00137_39269_3290.N1	03-SEP-2009 10:52:56	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	39269	No
88	GOM_NL__2PRFIN20090903_105502_000000422082_00137_39269_3291.N1	03-SEP-2009 10:55:02	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	39269	No
89	GOM_NL__2PRFIN20090903_111001_000000632082_00137_39269_3292.N1	03-SEP-2009 11:10:01	Bright	62.500	6	13Alp Aur	0.080000	3400.0	125	39269	No
90	GOM_NL__2PRFIN20090903_111913_000000602082_00137_39269_3293.N1	03-SEP-2009 11:19:13	Twi_and_stray	60.000	151	13Mu Gem	2.8900	3000.0	120	39269	No
91	GOM_NL__2PRFIN20090903_112101_000000522082_00137_39269_3294.N1	03-SEP-2009 11:21:01	Twi_and_stray	51.500	44	24Gam Gem	1.9280	11000.	103	39269	No
92	GOM_NL__2PRFIN20090903_112554_000000712082_00137_39269_3295.N1	03-SEP-2009 11:25:54	Dark	71.000	14	58Alp Ori	0.87000	3000.0	142	39269	No
93	GOM_NL__2PRFIN20090903_113052_000000502082_00137_39269_3296.N1	03-SEP-2009 11:30:52	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	39269	No
94	GOM_NL__2PRFIN20090903_113212_000000452082_00137_39269_3297.N1	03-SEP-2009 11:32:12	Dark	44.500	47	2Bet CMa	1.9760	28000.	89	39269	No
95	GOM_NL__2PRFIN20090903_113622_000000562082_00137_39269_3298.N1	03-SEP-2009 11:36:22	Dark	56.000	139	9Bet Lep	2.8330	5600.0	112	39269	No
96	GOM_NL__2PRFIN20090903_115020_000000562082_00138_39270_3300.N1	03-SEP-2009 11:50:20	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39270	No
97	GOM_NL__2PRFIN20090903_115753_000000502082_00138_39270_3301.N1	03-SEP-2009 11:57:53	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	39270	No
98	GOM_NL__2PRFIN20090903_121843_000000452082_00138_39270_3302.N1	03-SEP-2009 12:18:43	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	39270	No
99	GOM_NL__2PRFIN20090903_122255_000000592082_00138_39270_3303.N1	03-SEP-2009 12:22:55	Bright	58.500	164	44Eta Peg	2.9480	5400.0	117	39270	No
100	GOM_NL__2PRFIN20090903_123331_000000452082_00138_39270_3304.N1	03-SEP-2009 12:33:31	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	39270	No
101	GOM_NL__2PRFIN20090903_123537_000000472082_00138_39270_3305.N1	03-SEP-2009 12:35:37	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39270	No

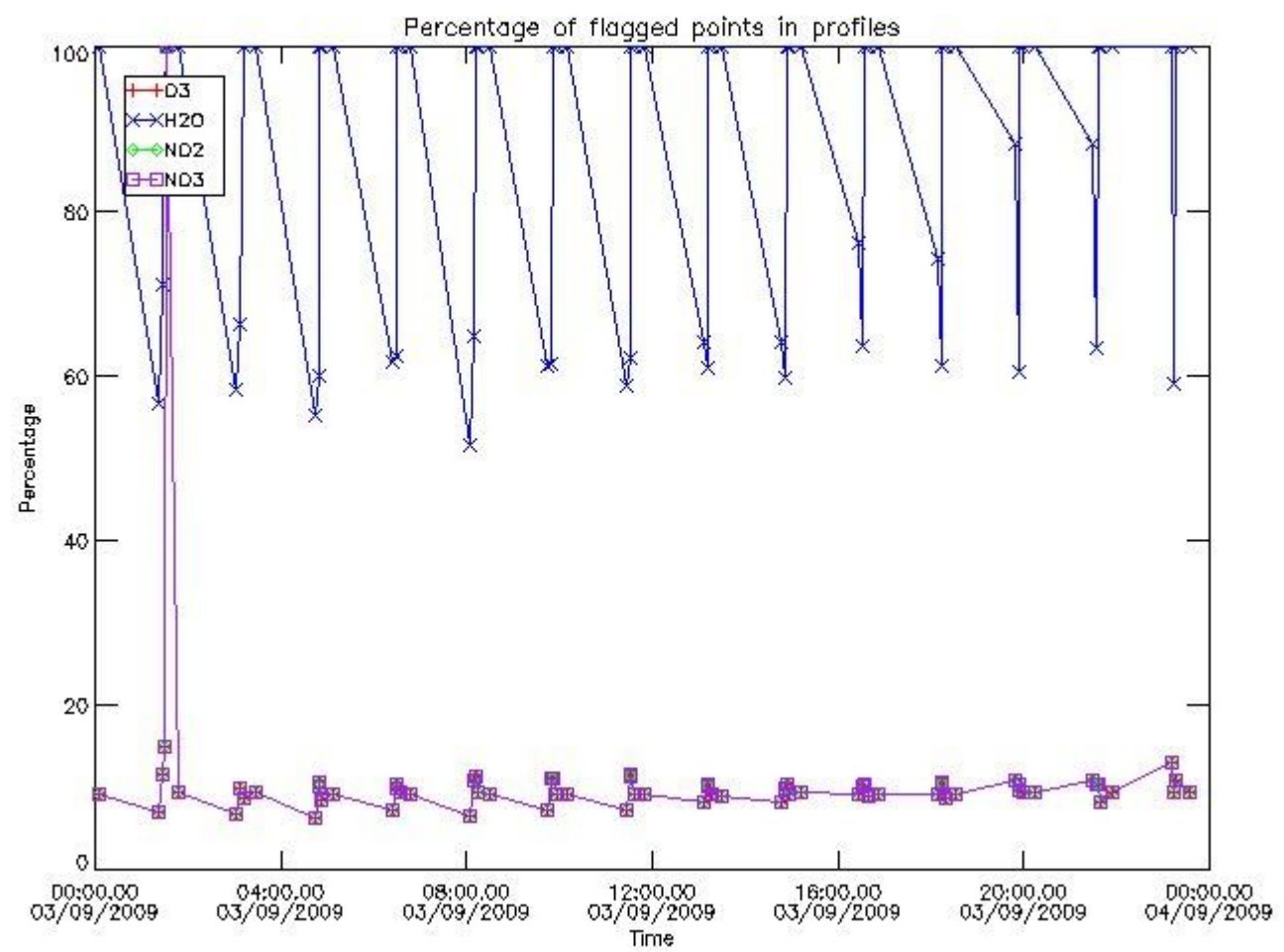
102	GOM_NL__2PRFIN20090903_125036_000000762082_00138_39270_3306.N1	03-SEP-2009 12:50:36	Bright	76.000	6	13Alp Aur	0.080000	3400.0	152	39270	No
103	GOM_NL__2PRFIN20090903_125429_000000462082_00138_39270_3307.N1	03-SEP-2009 12:54:29	Bright	46.000	107	37The Aur	2.6490	11000.	92	39270	No
104	GOM_NL__2PRFIN20090903_125949_000000572082_00138_39270_3308.N1	03-SEP-2009 12:59:49	Tw_i_and_stray	57.000	151	13Mu Gem	2.8900	3000.0	114	39270	No
105	GOM_NL__2PRFIN20090903_130137_000000512082_00138_39270_3309.N1	03-SEP-2009 13:01:37	Tw_i_and_stray	50.500	44	24Gam Gem	1.9280	11000.	101	39270	No
106	GOM_NL__2PRFIN20090903_130630_000000632082_00138_39270_3310.N1	03-SEP-2009 13:06:30	Dark	63.000	14	58Alp Ori	0.87000	3000.0	126	39270	No
107	GOM_NL__2PRFIN20090903_131128_000000512082_00138_39270_3311.N1	03-SEP-2009 13:11:28	Dark	50.500	1	9Alp CMA	-1.4400	11000.	101	39270	No
108	GOM_NL__2PRFIN20090903_131249_000000492082_00138_39270_3312.N1	03-SEP-2009 13:12:49	Dark	49.000	47	2Bet CMA	1.9760	28000.	98	39270	No
109	GOM_NL__2PRFIN20090903_131659_000000562082_00138_39270_3313.N1	03-SEP-2009 13:16:59	Dark	55.500	139	9Bet Lep	2.8330	5600.0	111	39270	No
110	GOM_NL__2PRFIN20090903_133057_000000572082_00139_39271_3314.N1	03-SEP-2009 13:30:57	Dark	57.000	157	The1Eri	2.9060	9300.0	114	39271	No
111	GOM_NL__2PRFIN20090903_133829_000000462082_00139_39271_3315.N1	03-SEP-2009 13:38:29	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	39271	No
112	GOM_NL__2PRFIN20090903_135918_000000472082_00139_39271_3316.N1	03-SEP-2009 13:59:18	Bright	47.000	90	54Alp Peg	2.4870	11000.	94	39271	No
113	GOM_NL__2PRFIN20090903_140331_000000422082_00139_39271_3317.N1	03-SEP-2009 14:03:31	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	39271	No
114	GOM_NL__2PRFIN20090903_141407_000000442082_00139_39271_3318.N1	03-SEP-2009 14:14:07	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	39271	No
115	GOM_NL__2PRFIN20090903_143112_000000602082_00139_39271_3319.N1	03-SEP-2009 14:31:12	Bright	60.000	6	13Alp Aur	0.080000	3400.0	120	39271	No
116	GOM_NL__2PRFIN20090903_143505_000000472082_00139_39271_3320.N1	03-SEP-2009 14:35:05	Bright	47.000	107	37The Aur	2.6490	11000.	94	39271	No
117	GOM_NL__2PRFIN20090903_144026_000000612082_00139_39271_3321.N1	03-SEP-2009 14:40:26	Tw_i_and_stray	61.000	151	13Mu Gem	2.8900	3000.0	122	39271	No
118	GOM_NL__2PRFIN20090903_144214_000000522082_00139_39271_3322.N1	03-SEP-2009 14:42:14	Tw_i_and_stray	51.500	44	24Gam Gem	1.9280	11000.	103	39271	No
119	GOM_NL__2PRFIN20090903_144707_000000632082_00139_39271_3323.N1	03-SEP-2009 14:47:07	Dark	63.000	14	58Alp Ori	0.87000	3000.0	126	39271	No
120	GOM_NL__2PRFIN20090903_145205_000000522082_00139_39271_3324.N1	03-SEP-2009 14:52:05	Dark	51.500	1	9Alp CMA	-1.4400	11000.	103	39271	No
121	GOM_NL__2PRFIN20090903_145326_000000492082_00139_39271_3325.N1	03-SEP-2009 14:53:26	Dark	49.000	47	2Bet CMA	1.9760	28000.	98	39271	No
122	GOM_NL__2PRFIN20090903_145736_000000562082_00139_39271_3326.N1	03-SEP-2009 14:57:36	Dark	56.000	139	9Bet Lep	2.8330	5600.0	112	39271	No
123	GOM_NL__2PRFIN20090903_151134_000000552082_00140_39272_3333.N1	03-SEP-2009 15:11:34	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39272	No
124	GOM_NL__2PRFIN20090903_151906_000000462082_00140_39272_3334.N1	03-SEP-2009 15:19:06	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	39272	No
125	GOM_NL__2PRFIN20090903_153954_000000452082_00140_39272_3335.N1	03-SEP-2009 15:39:54	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	39272	No
126	GOM_NL__2PRFIN20090903_154407_000000412082_00140_39272_3336.N1	03-SEP-2009 15:44:07	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	39272	No
127	GOM_NL__2PRFIN20090903_155442_000000452082_00140_39272_3337.N1	03-SEP-2009 15:54:42	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	39272	No
128	GOM_NL__2PRFIN20090903_155647_000000452082_00140_39272_3338.N1	03-SEP-2009 15:56:47	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	39272	No
129	GOM_NL__2PRFIN20090903_161148_000000602082_00140_39272_3339.N1	03-SEP-2009 16:11:48	Bright	60.000	6	13Alp Aur	0.080000	3400.0	120	39272	No
130	GOM_NL__2PRFIN20090903_161541_000000492082_00140_39272_3340.N1	03-SEP-2009 16:15:41	Bright	48.500	107	37The Aur	2.6490	11000.	97	39272	No
131	GOM_NL__2PRFIN20090903_162102_000000662082_00140_39272_3341.N1	03-SEP-2009 16:21:02	Tw_i_and_stray	65.500	151	13Mu Gem	2.8900	3000.0	131	39272	No
132	GOM_NL__2PRFIN20090903_162250_000000522082_00140_39272_3342.N1	03-SEP-2009 16:22:50	Tw_i_and_stray	52.000	44	24Gam Gem	1.9280	11000.	104	39272	No
133	GOM_NL__2PRFIN20090903_162744_000000552082_00140_39272_3343.N1	03-SEP-2009 16:27:44	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	39272	No
134	GOM_NL__2PRFIN20090903_163241_000000502082_00140_39272_3344.N1	03-SEP-2009 16:32:41	Dark	50.000	1	9Alp CMA	-1.4400	11000.	100	39272	No
135	GOM_NL__2PRFIN20090903_163403_000000502082_00140_39272_3345.N1	03-SEP-2009 16:34:03	Dark	49.500	47	2Bet CMA	1.9760	28000.	99	39272	No
136	GOM_NL__2PRFIN20090903_163814_000000582082_00140_39272_3346.N1	03-SEP-2009 16:38:14	Dark	57.500	139	9Bet Lep	2.8330	5600.0	115	39272	No
137	GOM_NL__2PRFIN20090903_165211_000000562082_00141_39273_3348.N1	03-SEP-2009 16:52:11	Dark	56.000	157	The1Eri	2.9060	9300.0	112	39273	No
138	GOM_NL__2PRFIN20090903_165942_000000512082_00141_39273_3349.N1	03-SEP-2009 16:59:42	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	39273	No
139	GOM_NL__2PRFIN20090903_172030_000000672082_00141_39273_3350.N1	03-SEP-2009 17:20:30	Bright	67.000	90	54Alp Peg	2.4870	11000.	134	39273	No
140	GOM_NL__2PRFIN20090903_172442_000000402082_00141_39273_3351.N1	03-SEP-2009 17:24:42	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	39273	No
141	GOM_NL__2PRFIN20090903_173518_000000442082_00141_39273_3352.N1	03-SEP-2009 17:35:18	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	39273	No
142	GOM_NL__2PRFIN20090903_173723_000000462082_00141_39273_3353.N1	03-SEP-2009 17:37:23	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	39273	No
143	GOM_NL__2PRFIN20090903_175223_000000612082_00141_39273_3354.N1	03-SEP-2009 17:52:23	Bright	60.500	6	13Alp Aur	0.080000	3400.0	121	39273	No
144	GOM_NL__2PRFIN20090903_175617_000000462082_00141_39273_3355.N1	03-SEP-2009 17:56:17	Bright	46.000	107	37The Aur	2.6490	11000.	92	39273	No
145	GOM_NL__2PRFIN20090903_180138_000000582082_00141_39273_3356.N1	03-SEP-2009 18:01:38	Tw_i_and_stray	58.000	151	13Mu Gem	2.8900	3000.0	116	39273	No
146	GOM_NL__2PRFIN20090903_180326_000000512082_00141_39273_3357.N1	03-SEP-2009 18:03:26	Tw_i_and_stray	50.500	44	24Gam Gem	1.9280	11000.	101	39273	No
147	GOM_NL__2PRFIN20090903_180821_000000552082_00141_39273_3358.N1	03-SEP-2009 18:08:21	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	39273	No
148	GOM_NL__2PRFIN20090903_181318_000000502082_00141_39273_3359.N1	03-SEP-2009 18:13:18	Dark	49.500	1	9Alp CMA	-1.4400	11000.	99	39273	No
149	GOM_NL__2PRFIN20090903_181439_000000492082_00141_39273_3360.N1	03-SEP-2009 18:14:39	Dark	48.500	47	2Bet CMA	1.9760	28000.	97	39273	No
150	GOM_NL__2PRFIN20090903_181851_000000582082_00141_39273_3361.N1	03-SEP-2009 18:18:51	Dark	58.000	139	9Bet Lep	2.8330	5600.0	116	39273	No
151	GOM_NL__2PRFIN20090903_183248_000000552082_00142_39274_3364.N1	03-SEP-2009 18:32:48	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39274	No
152	GOM_NL__2PRFIN20090903_184019_000000472082_00142_39274_3365.N1	03-SEP-2009 18:40:19	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	39274	No
153	GOM_NL__2PRFIN20090903_190105_000000462082_00142_39274_3366.N1	03-SEP-2009 19:01:05	Bright	45.500	90	54Alp Peg	2.4870	11000.	91	39274	No
154	GOM_NL__2PRFIN20090903_190518_000000442082_00142_39274_3367.N1	03-SEP-2009 19:05:18	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	39274	No
155	GOM_NL__2PRFIN20090903_191553_000000432082_00142_39274_3368.N1	03-SEP-2009 19:15:53	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	39274	No
156	GOM_NL__2PRFIN20090903_191758_000000462082_00142_39274_3369.N1	03-SEP-2009 19:17:58	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	39274	No
157	GOM_NL__2PRFIN20090903_193259_000000582082_00142_39274_3370.N1	03-SEP-2009 19:32:59	Bright	58.000	6	13Alp Aur	0.080000	3400.0	116	39274	No
158	GOM_NL__2PRFIN20090903_193653_000000512082_00142_39274_3371.N1	03-SEP-2009 19:36:53	Bright	50.500	107	37The Aur	2.6490	11000.	101	39274	No
159	GOM_NL__2PRFIN20090903_194214_000000552082_00142_39274_3372.N1	03-SEP-2009 19:42:14	Tw_i_and_stray	55.000	151	13Mu Gem	2.8900	3000.0	110	39274	No
160	GOM_NL__2PRFIN20090903_194403_000000482082_00142_39274_3373.N1	03-SEP-2009 19:44:03	Tw_i_and_stray	47.500	44	24Gam Gem	1.9280	11000.	95	39274	No

161	GOM_NL__2PRFIN20090903_194858_000000472082_00142_39274_3374.N1	03-SEP-2009 19:48:58	Dark	47.000	14	58Alp Ori	0.87000	3000.0	94	39274	No
162	GOM_NL__2PRFIN20090903_195354_000000542082_00142_39274_3375.N1	03-SEP-2009 19:53:54	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	39274	No
163	GOM_NL__2PRFIN20090903_195516_000000492082_00142_39274_3376.N1	03-SEP-2009 19:55:16	Dark	49.000	47	2Bet CMa	1.9760	28000.	98	39274	No
164	GOM_NL__2PRFIN20090903_195928_000000542082_00142_39274_3377.N1	03-SEP-2009 19:59:28	Dark	54.000	139	9Bet Lep	2.8330	5600.0	108	39274	No
165	GOM_NL__2PRFIN20090903_201326_000000552082_00143_39275_3402.N1	03-SEP-2009 20:13:26	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39275	No
166	GOM_NL__2PRFIN20090903_202055_000000532082_00143_39275_3403.N1	03-SEP-2009 20:20:55	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	39275	No
167	GOM_NL__2PRFIN20090903_204140_000000472082_00143_39275_3404.N1	03-SEP-2009 20:41:40	Bright	46.500	90	54Alp Peg	2.4870	11000.	93	39275	No
168	GOM_NL__2PRFIN20090903_204553_000000472082_00143_39275_3405.N1	03-SEP-2009 20:45:53	Bright	46.500	164	44Eta Peg	2.9480	5400.0	93	39275	No
169	GOM_NL__2PRFIN20090903_205628_000000442082_00143_39275_3406.N1	03-SEP-2009 20:56:28	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	39275	No
170	GOM_NL__2PRFIN20090903_205833_000000422082_00143_39275_3407.N1	03-SEP-2009 20:58:33	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	39275	No
171	GOM_NL__2PRFIN20090903_211334_000000662082_00143_39275_3408.N1	03-SEP-2009 21:13:34	Bright	65.500	6	13Alp Aur	0.080000	3400.0	131	39275	No
172	GOM_NL__2PRFIN20090903_211729_000000512082_00143_39275_3409.N1	03-SEP-2009 21:17:29	Bright	50.500	107	37The Aur	2.6490	11000.	101	39275	No
173	GOM_NL__2PRFIN20090903_212251_000000552082_00143_39275_3410.N1	03-SEP-2009 21:22:51	Tw_i_and_stray	55.000	151	13Mu Gem	2.8900	3000.0	110	39275	No
174	GOM_NL__2PRFIN20090903_212439_000000512082_00143_39275_3411.N1	03-SEP-2009 21:24:39	Tw_i_and_stray	51.000	44	24Gam Gem	1.9280	11000.	102	39275	No
175	GOM_NL__2PRFIN20090903_212935_000000472082_00143_39275_3412.N1	03-SEP-2009 21:29:35	Dark	46.500	14	58Alp Ori	0.87000	3000.0	93	39275	No
176	GOM_NL__2PRFIN20090903_213431_000000502082_00143_39275_3413.N1	03-SEP-2009 21:34:31	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	39275	No
177	GOM_NL__2PRFIN20090903_213553_000000492082_00143_39275_3414.N1	03-SEP-2009 21:35:53	Dark	49.000	47	2Bet CMa	1.9760	28000.	98	39275	No
178	GOM_NL__2PRFIN20090903_214005_000000622082_00143_39275_3415.N1	03-SEP-2009 21:40:05	Dark	62.000	139	9Bet Lep	2.8330	5600.0	124	39275	No
179	GOM_NL__2PRFIN20090903_215403_000000542082_00144_39276_3421.N1	03-SEP-2009 21:54:03	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39276	No
180	GOM_NL__2PRFIN20090903_220132_000000462082_00144_39276_3422.N1	03-SEP-2009 22:01:32	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	39276	No
181	GOM_NL__2PRFIN20090903_222216_000000462082_00144_39276_3423.N1	03-SEP-2009 22:22:16	Bright	46.000	90	54Alp Peg	2.4870	11000.	92	39276	No
182	GOM_NL__2PRFIN20090903_222628_000000422082_00144_39276_3424.N1	03-SEP-2009 22:26:28	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	39276	No
183	GOM_NL__2PRFIN20090903_223704_000000442082_00144_39276_3425.N1	03-SEP-2009 22:37:04	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	39276	No
184	GOM_NL__2PRFIN20090903_223909_000000412082_00144_39276_3426.N1	03-SEP-2009 22:39:09	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	39276	No
185	GOM_NL__2PRFIN20090903_225410_000000602082_00144_39276_3427.N1	03-SEP-2009 22:54:10	Bright	60.000	6	13Alp Aur	0.080000	3400.0	120	39276	No
186	GOM_NL__2PRFIN20090903_230327_000000582082_00144_39276_3428.N1	03-SEP-2009 23:03:27	Tw_i_and_stray	58.000	151	13Mu Gem	2.8900	3000.0	116	39276	No
187	GOM_NL__2PRFIN20090903_230516_000000532082_00144_39276_3429.N1	03-SEP-2009 23:05:16	Tw_i_and_stray	53.000	44	24Gam Gem	1.9280	11000.	106	39276	No
188	GOM_NL__2PRFIN20090903_231012_000000392082_00144_39276_3430.N1	03-SEP-2009 23:10:12	Dark	38.500	14	58Alp Ori	0.87000	3000.0	77	39276	No
189	GOM_NL__2PRFIN20090903_231507_000000542082_00144_39276_3431.N1	03-SEP-2009 23:15:07	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	39276	No
190	GOM_NL__2PRFIN20090903_231630_000000482082_00144_39276_3432.N1	03-SEP-2009 23:16:30	Dark	47.500	47	2Bet CMa	1.9760	28000.	95	39276	No
191	GOM_NL__2PRFIN20090903_233440_000000542082_00145_39277_3436.N1	03-SEP-2009 23:34:40	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39277	No
192	GOM_NL__2PRFIN20090903_234208_000000472082_00145_39277_3437.N1	03-SEP-2009 23:42:08	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	39277	No

3. Quality information per product

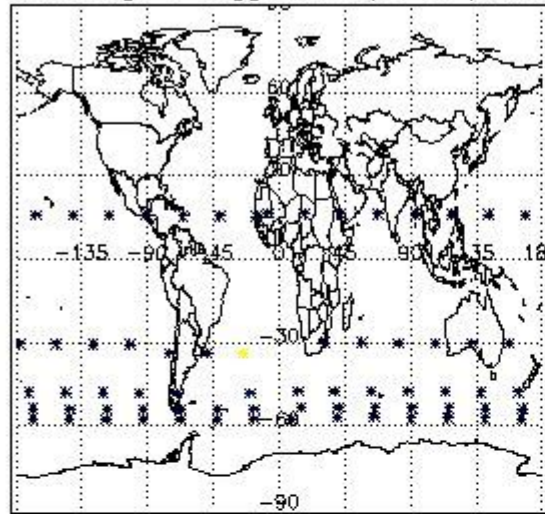
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

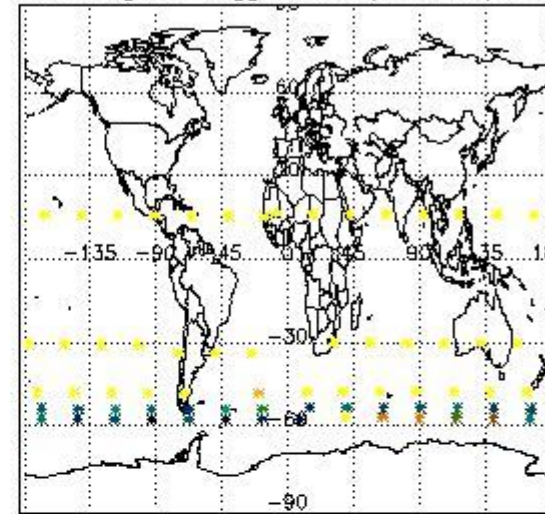


3.2 Plot quality information per product (world map)

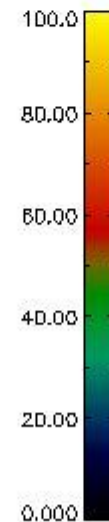
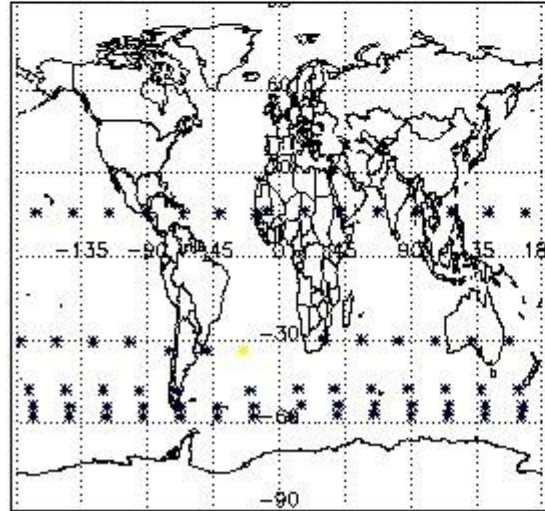
Percentage of flagged data per O3 profile



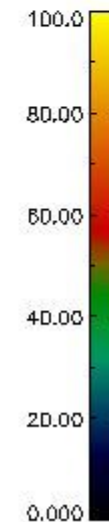
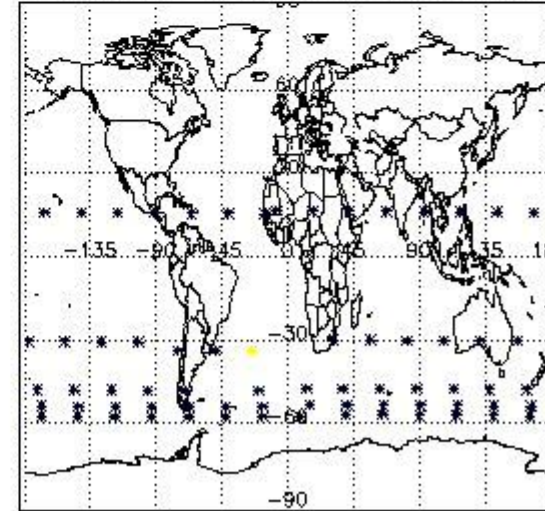
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

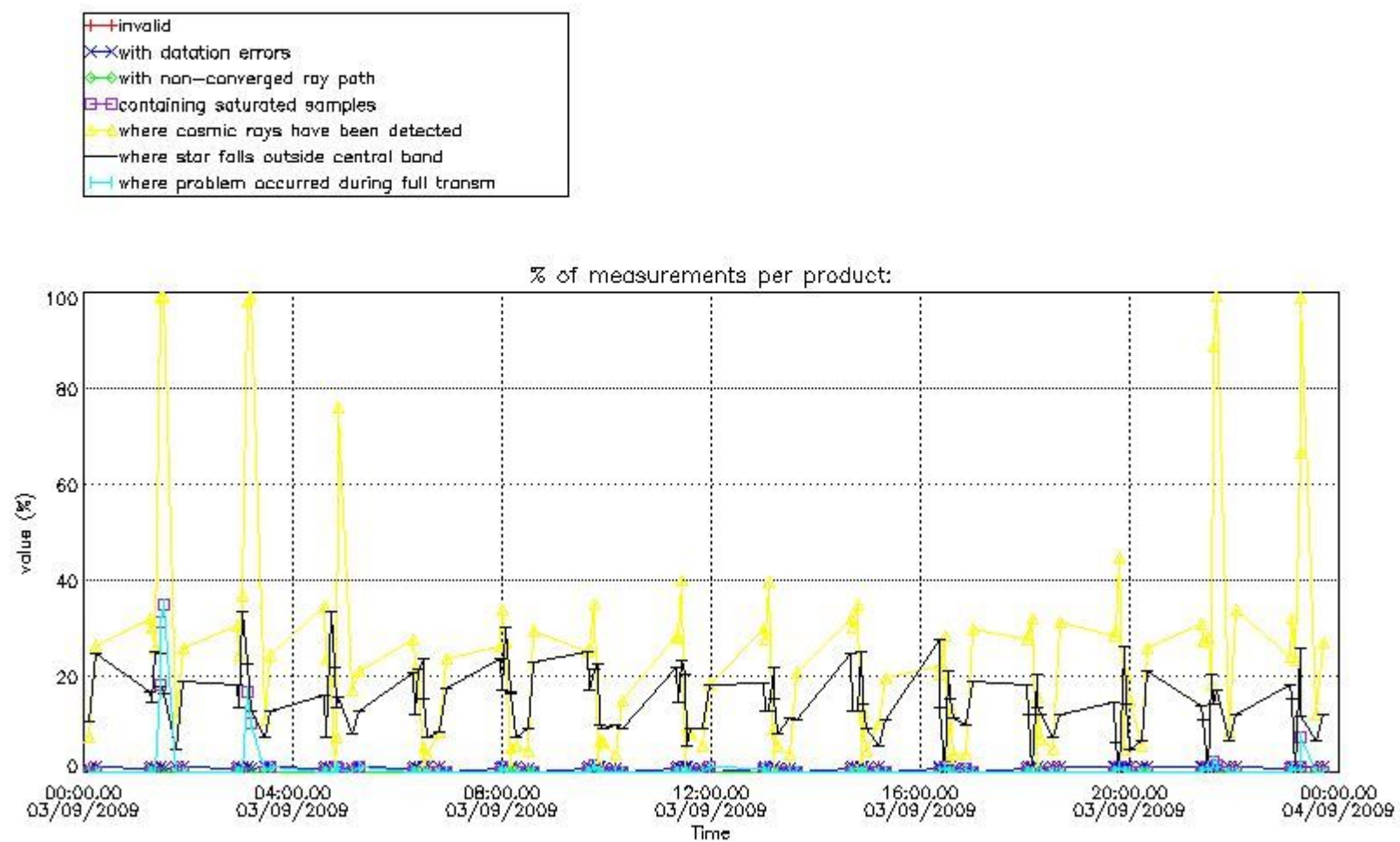


4. Level 1 quality information per product

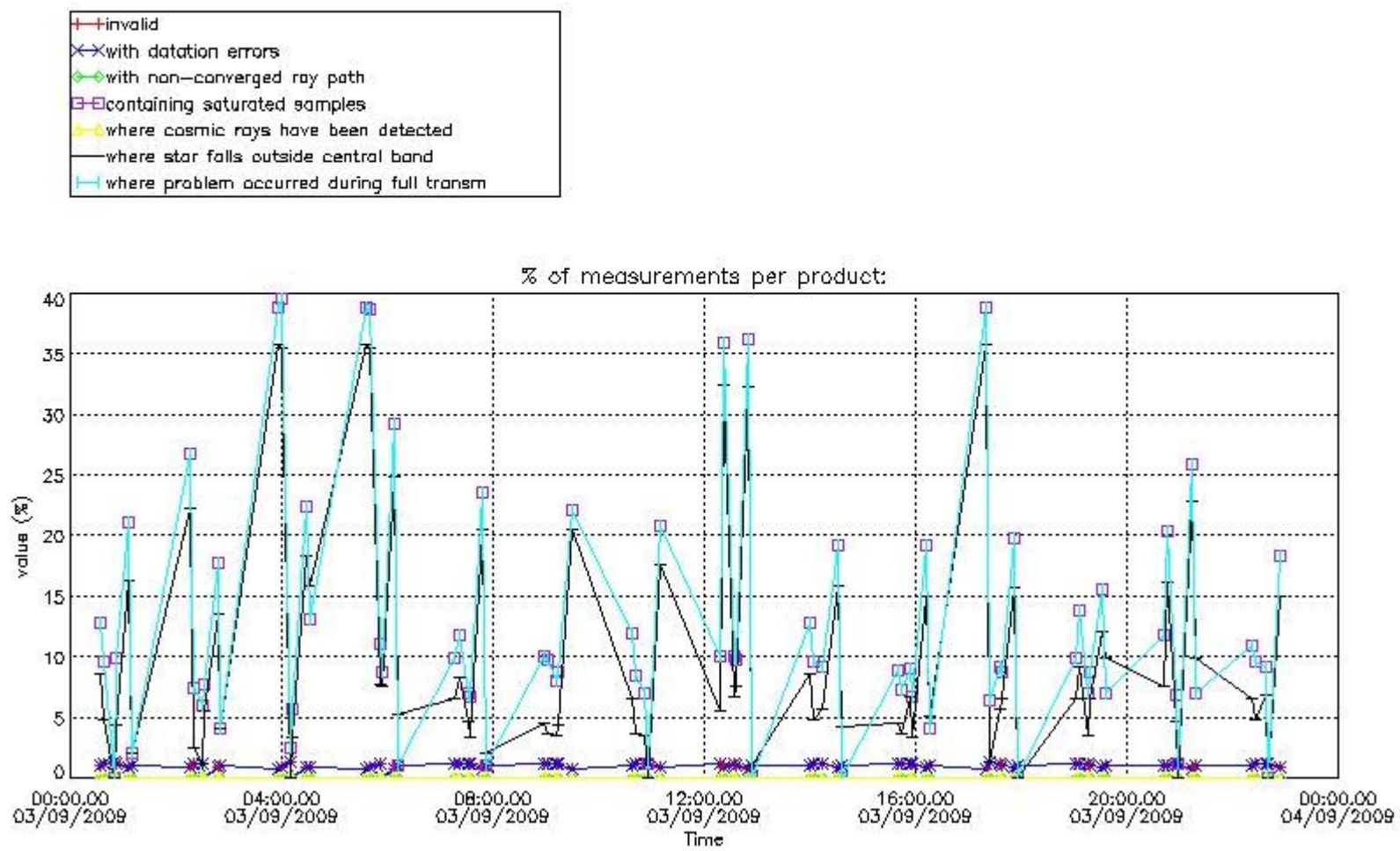
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



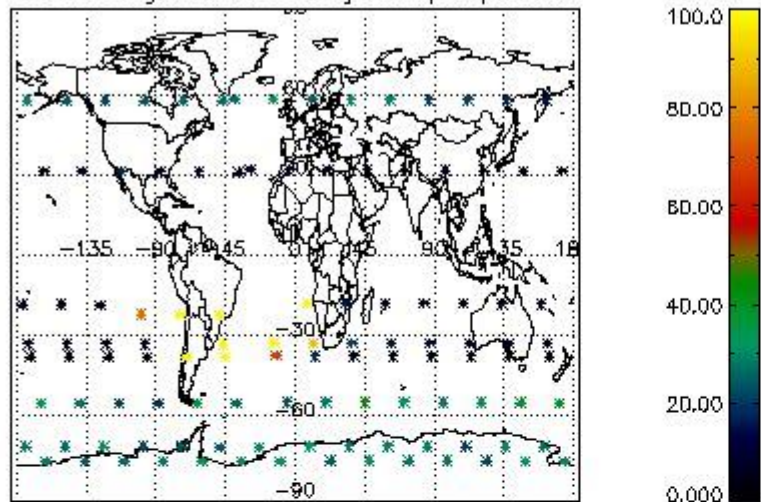
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



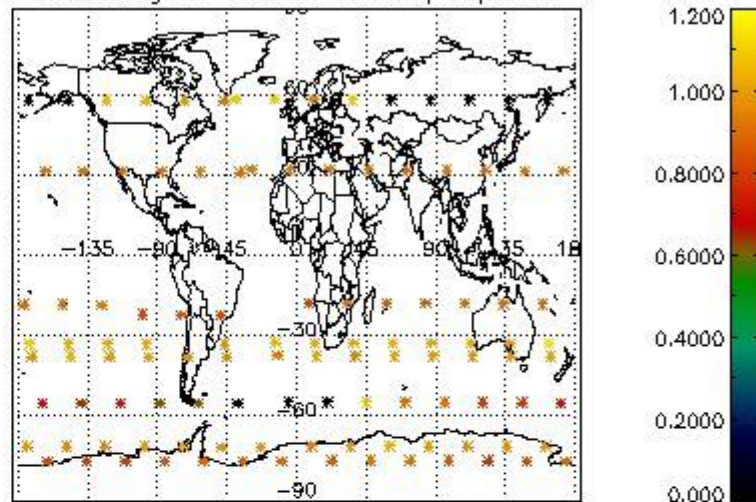
4.2 Plot quality information per product coming from level 1b processing (world map)

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

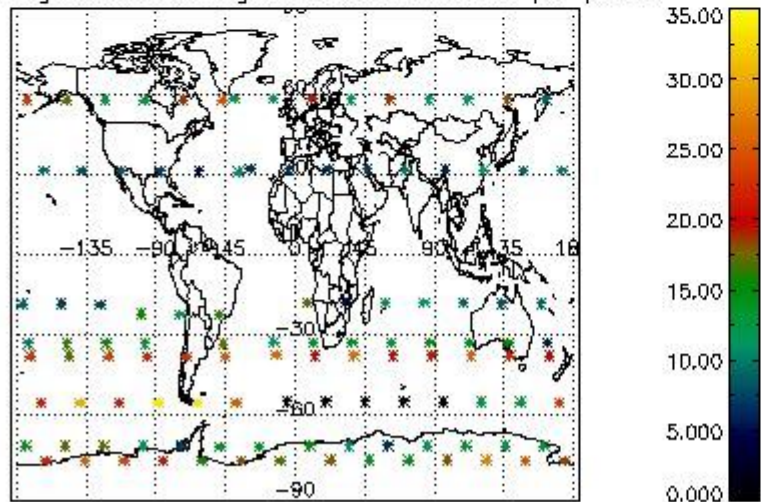
Percentage of cosmic ray hits per profile



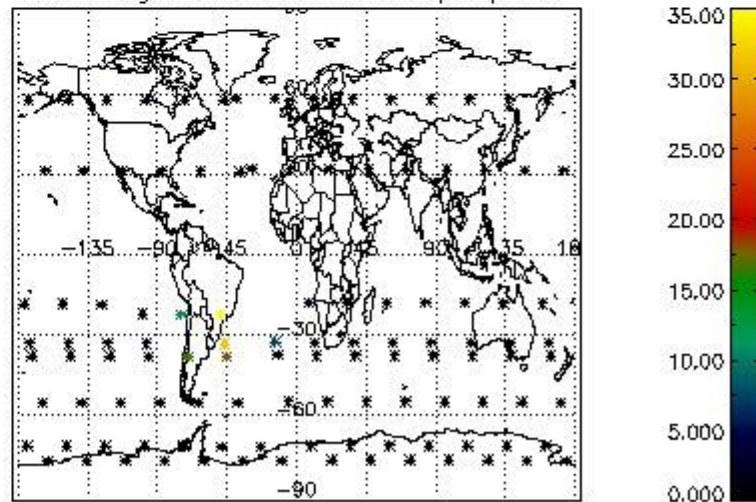
Percentage of datation errors per profile



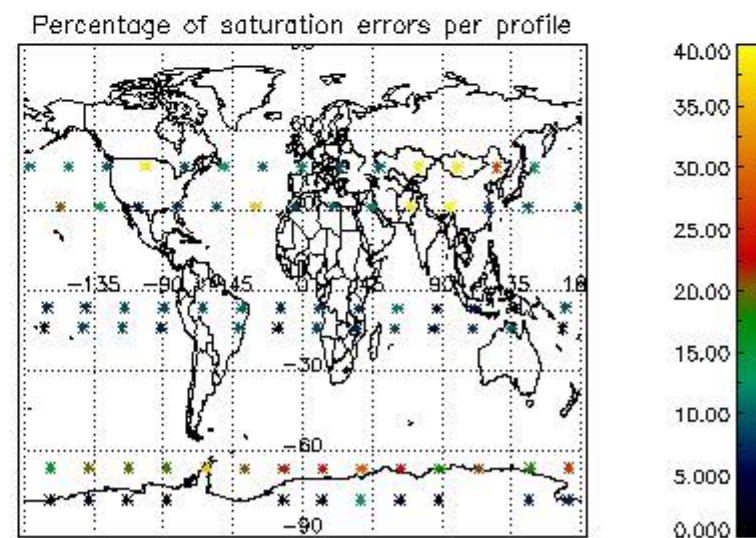
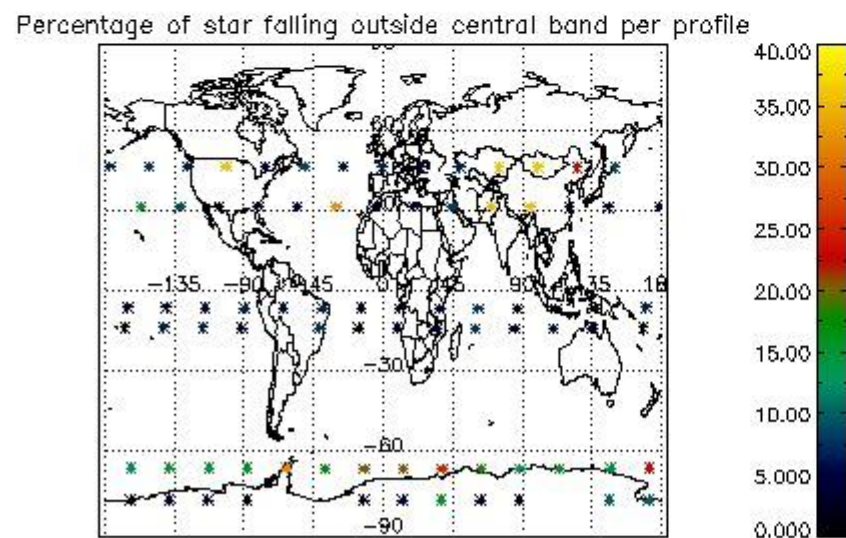
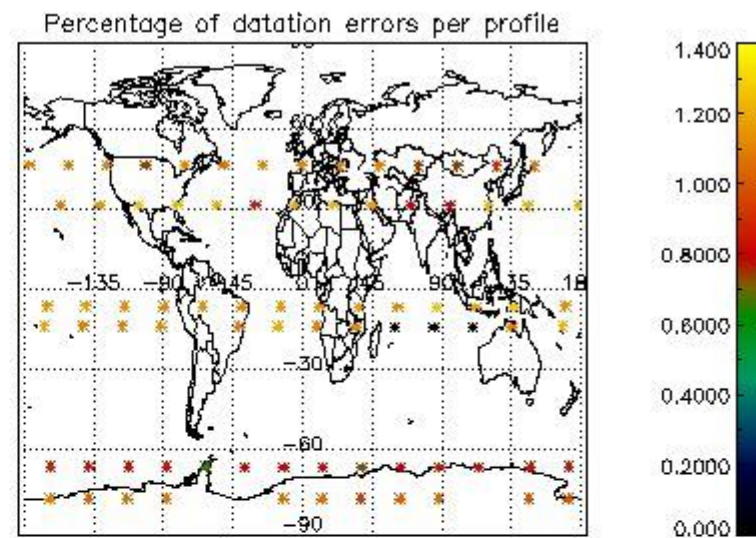
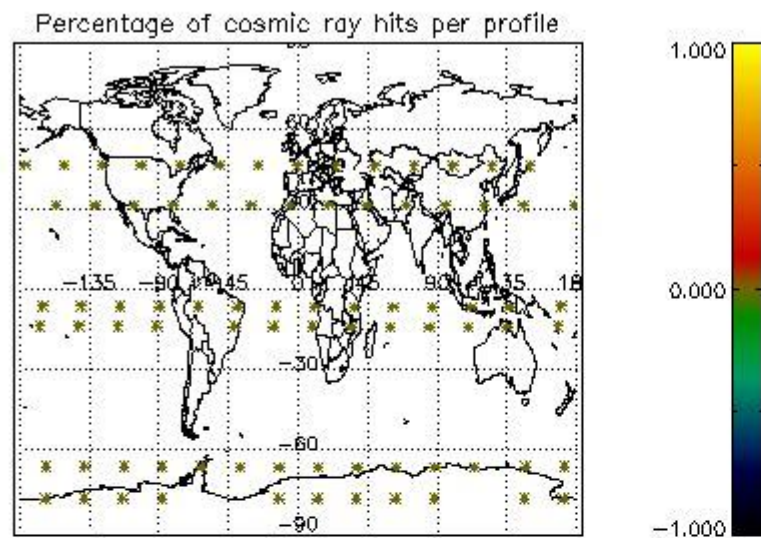
Percentage of star falling outside central band per profile



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

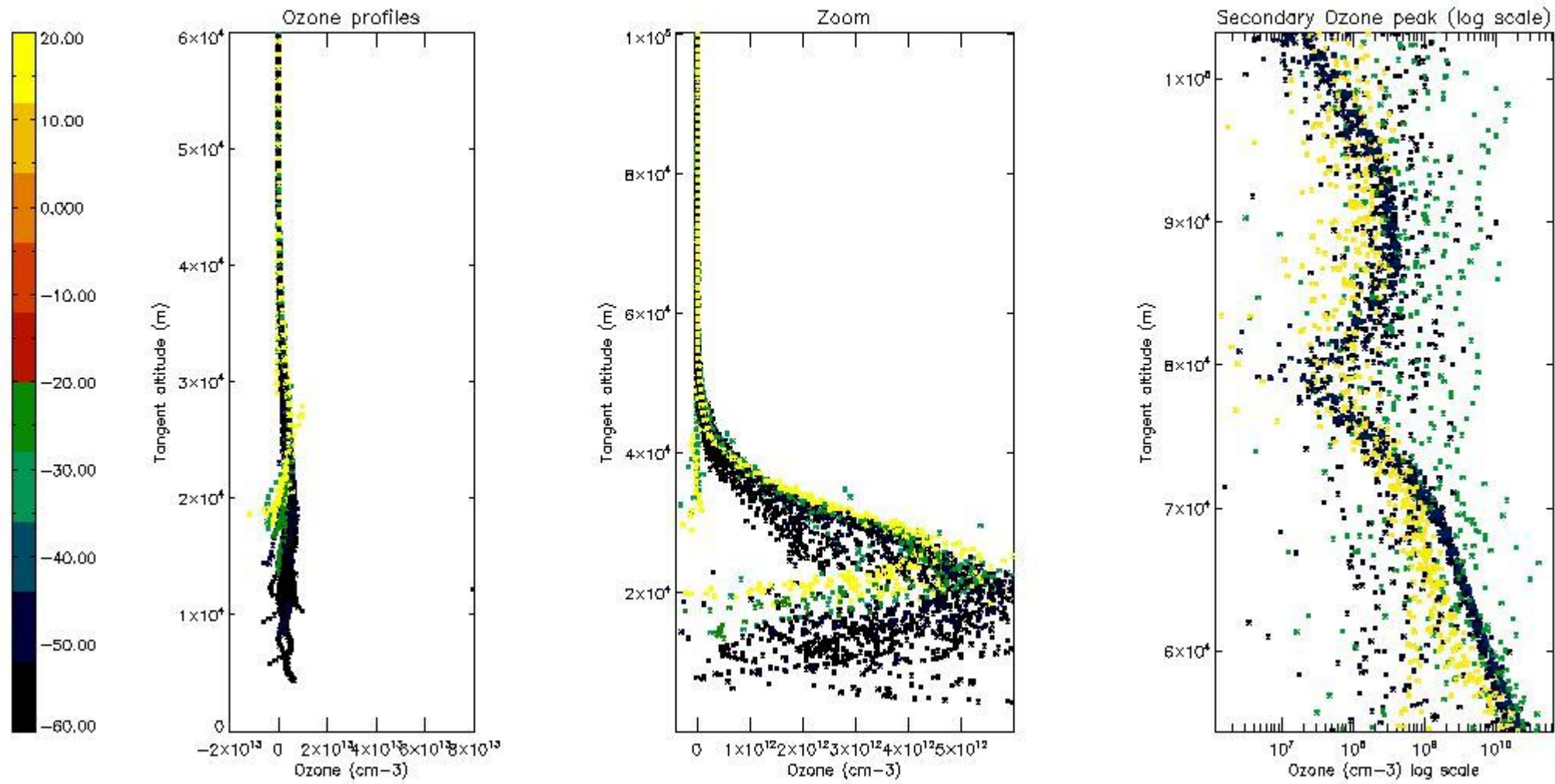
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	38
STD < 20	18

STD < 10	15
STD < 5	9

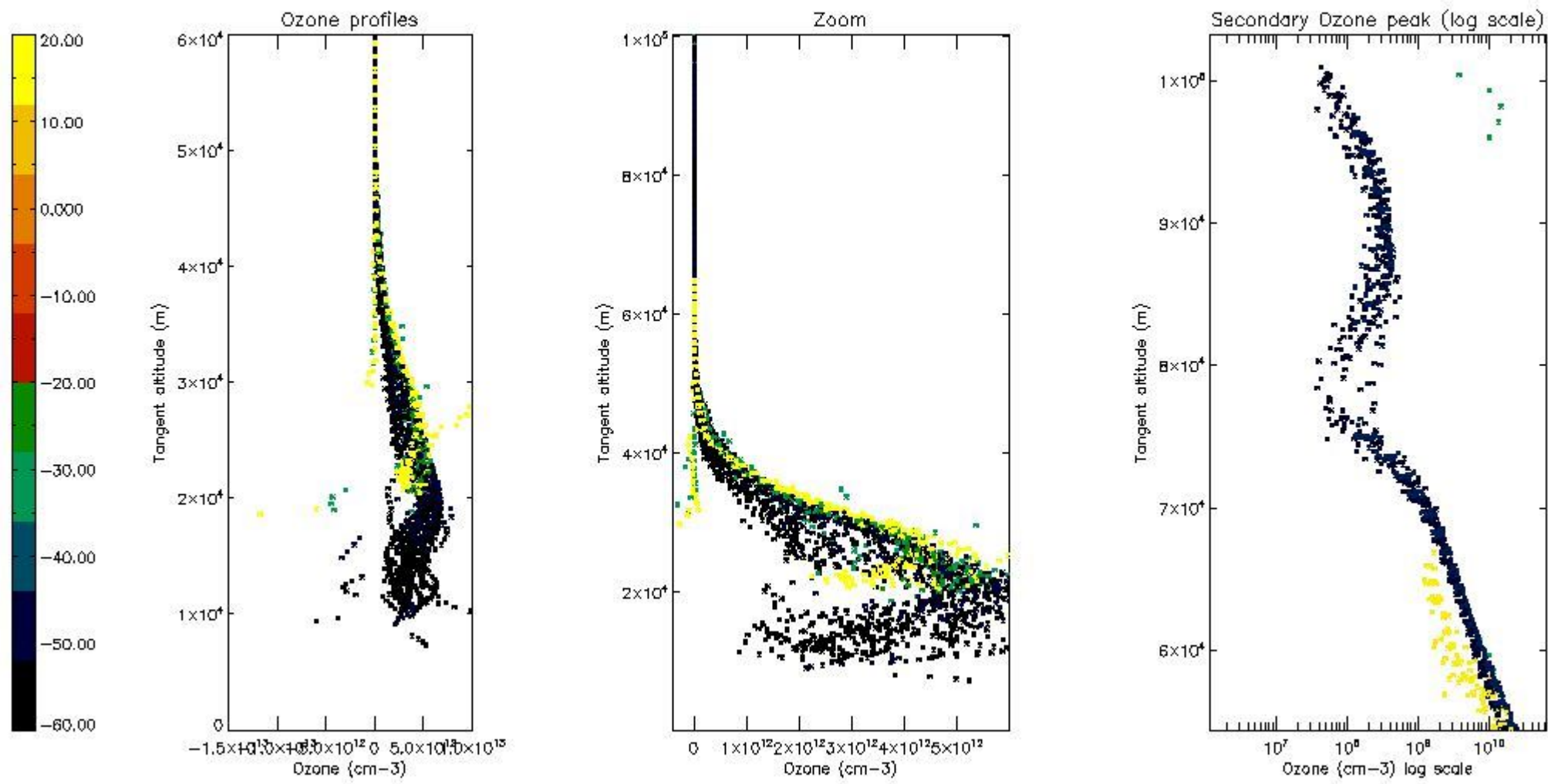
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



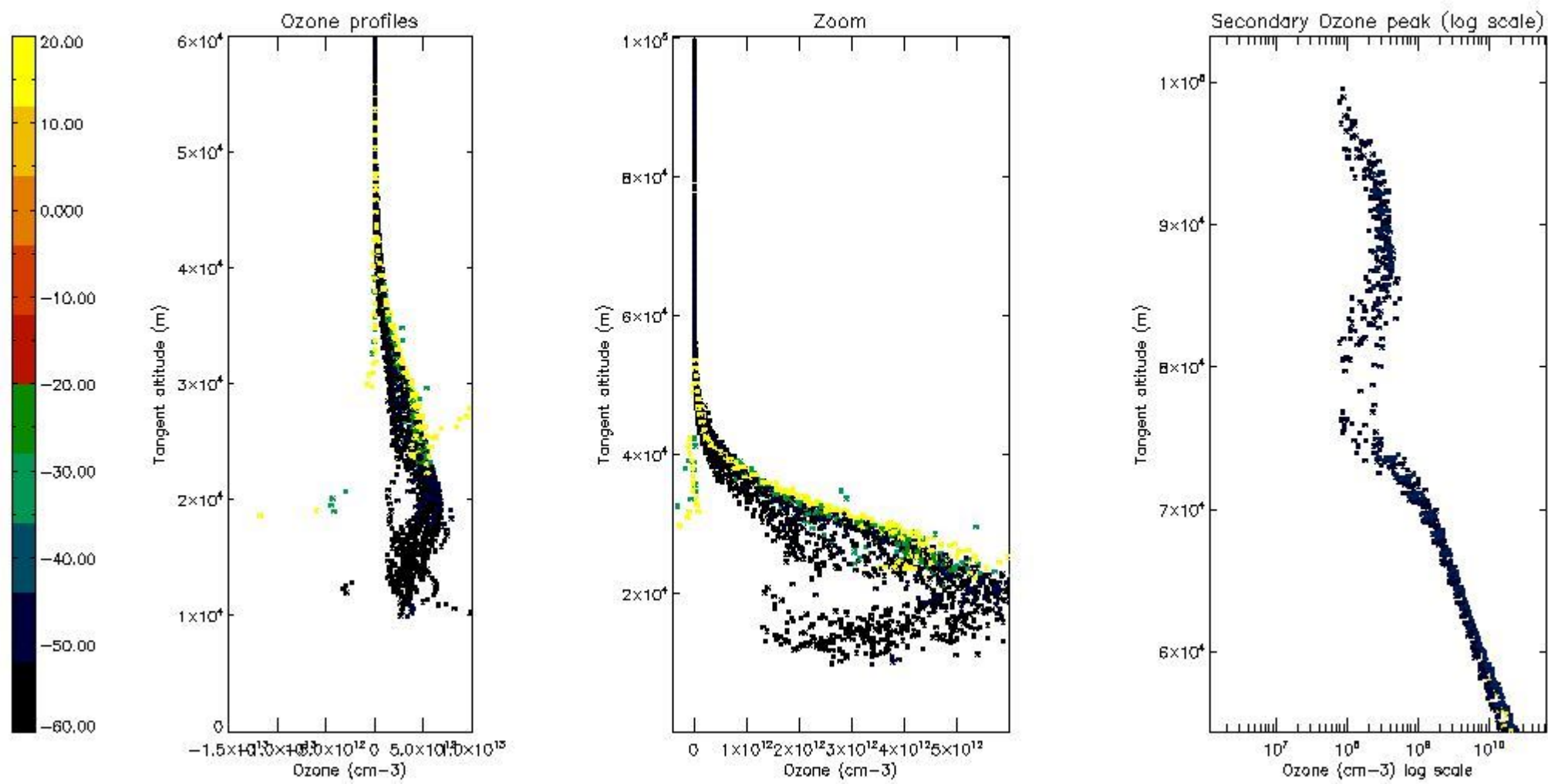
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



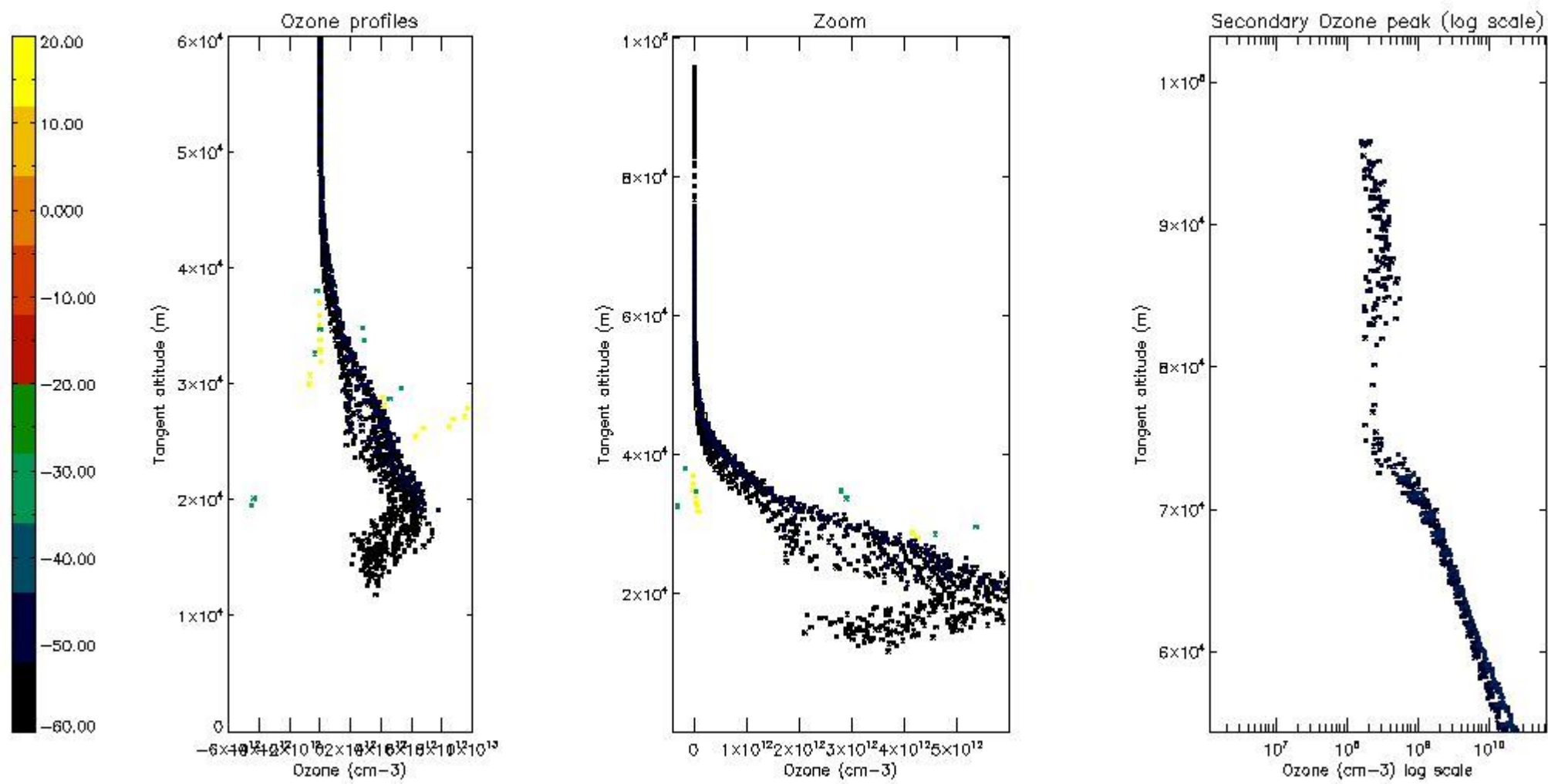
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



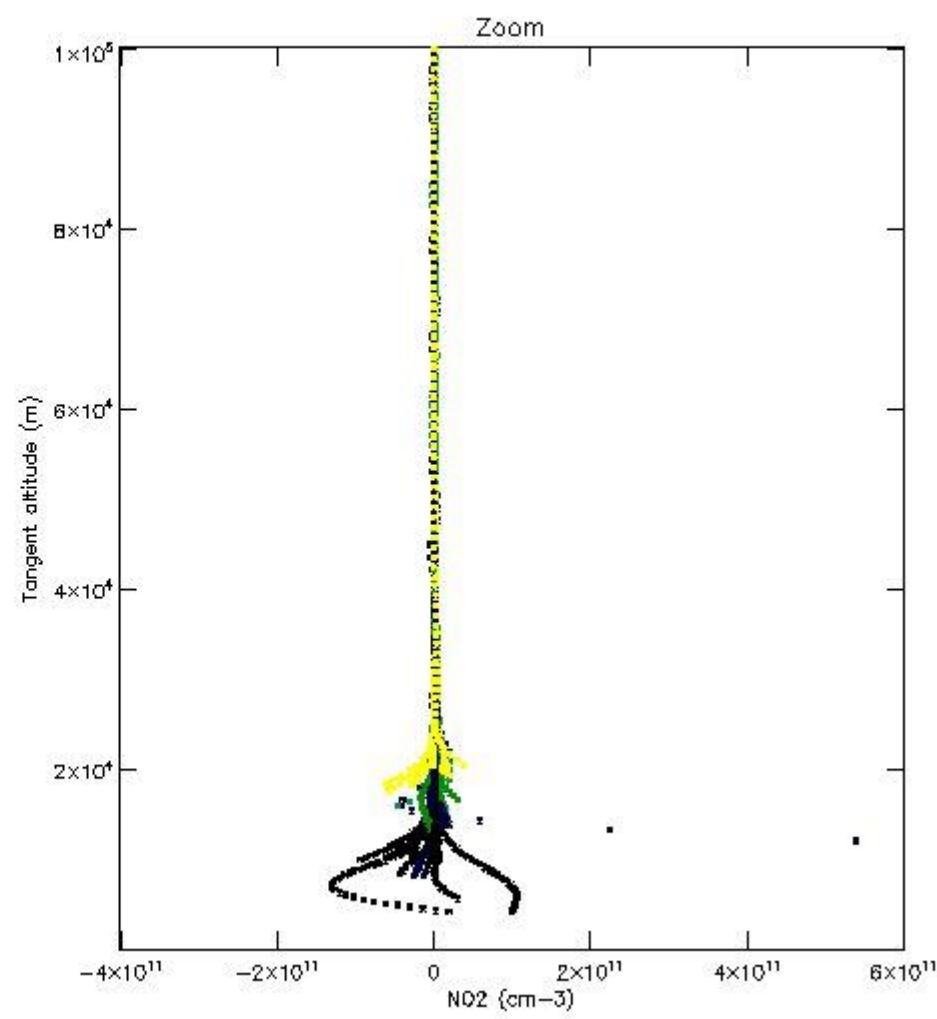
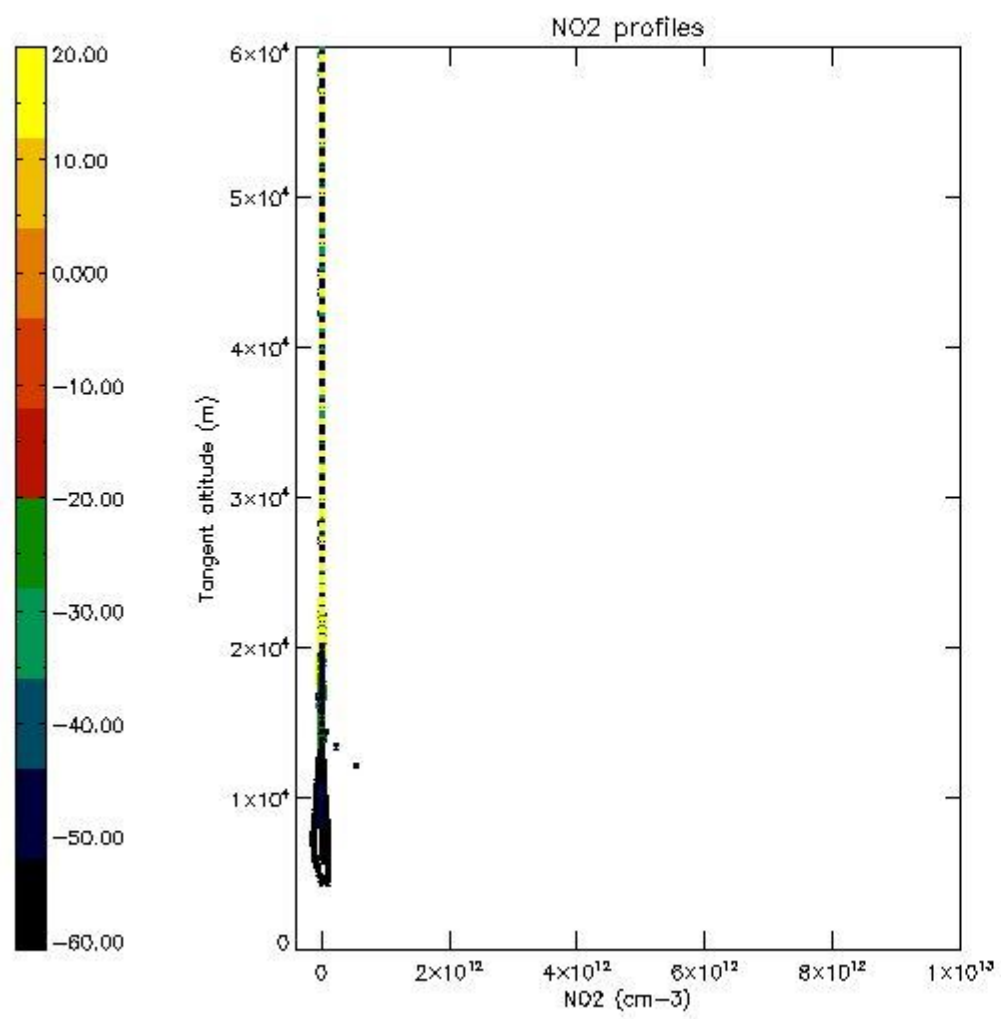
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



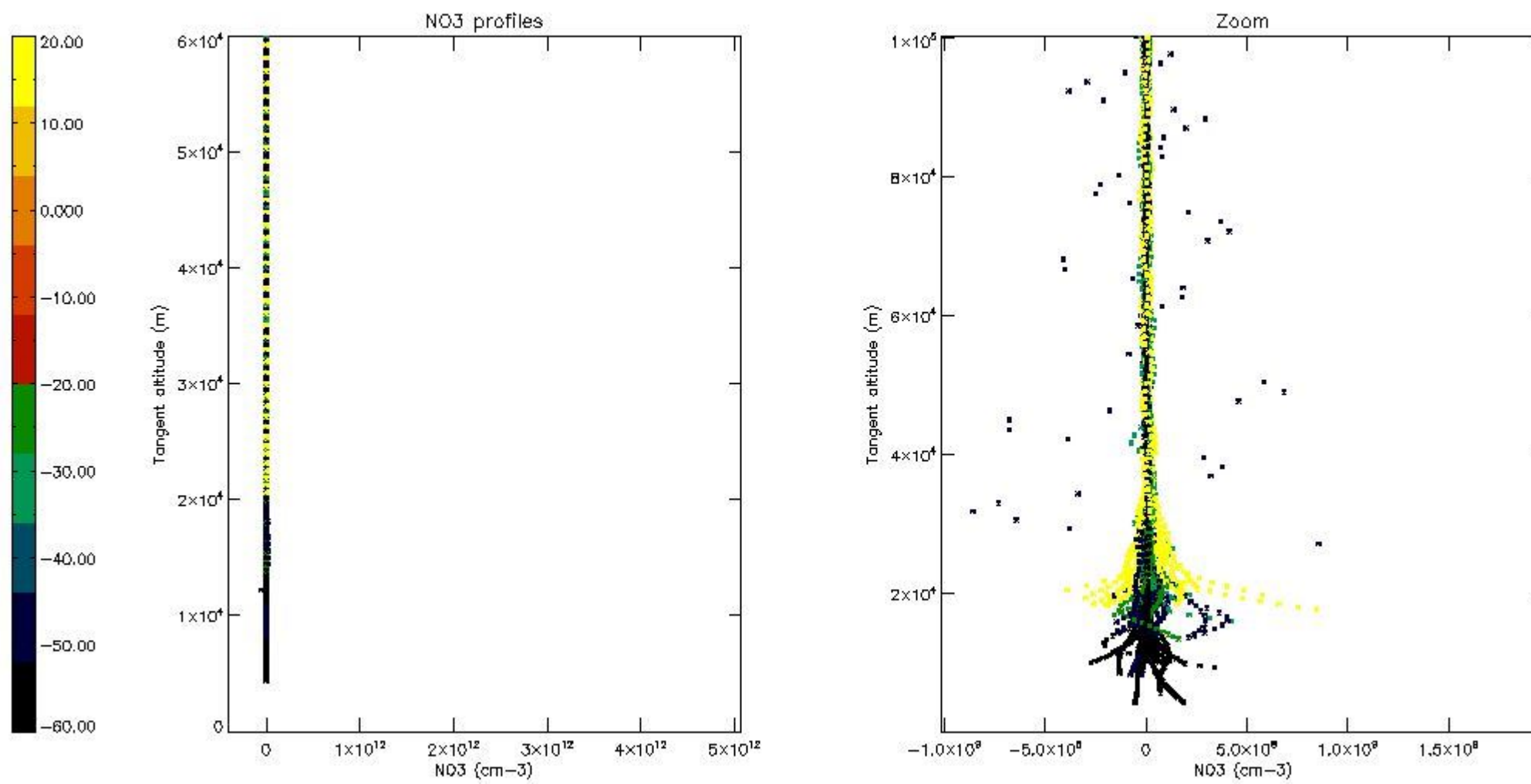
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



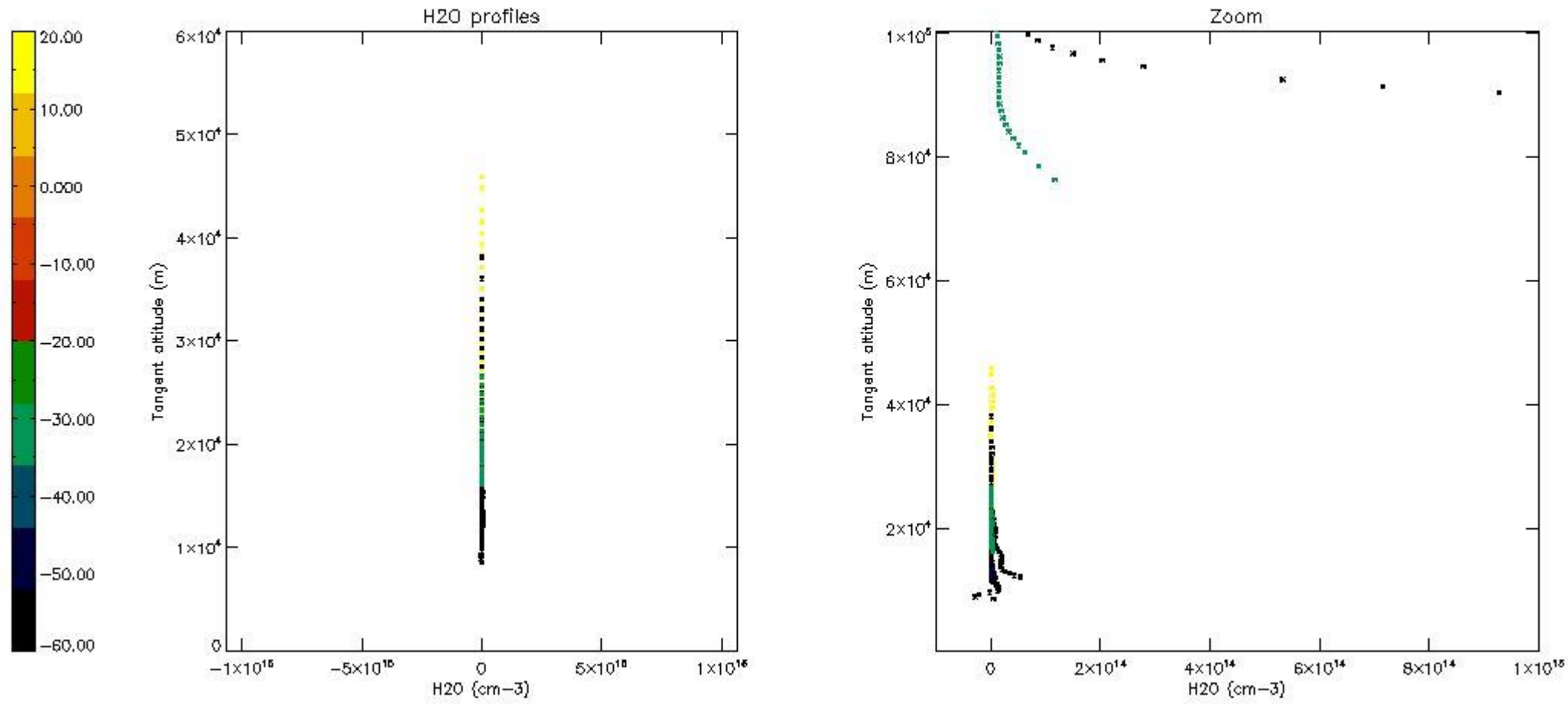
5.7 Plot NO3 profiles for all STD (dark without errors)

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	03-SEP-2009 00:06:00
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-SEP-2009 00:06:00
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-SEP-2009 00:06:00

GOMOS Level 2 Daily Report

SUMMARY

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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](#)

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[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 12:26:28
Data source version	GOMOS/6.01
Start time of products	03-09-2009 (03SEP2009 00:00:00)
Stop time of products	04-09-2009 (04SEP2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	192
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__2PRFIN20090903_000600_000000562082_00131_39263_3171.N1	03-SEP-2009 00:06:00	Dark	56.000	157	The1Eri	2.9060	9300.0	112	39263	No
2	GOM_NL__2PRFIN20090903_001337_000000552082_00131_39263_3172.N1	03-SEP-2009 00:13:37	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	39263	No
3	GOM_NL__2PRFIN20090903_003435_000000472082_00131_39263_3173.N1	03-SEP-2009 00:34:35	Bright	47.000	90	54Alp Peg	2.4870	11000.	94	39263	No
4	GOM_NL__2PRFIN20090903_003847_000000422082_00131_39263_3174.N1	03-SEP-2009 00:38:47	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	39263	No
5	GOM_NL__2PRFIN20090903_004924_000000392082_00131_39263_3175.N1	03-SEP-2009 00:49:24	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	39263	No
6	GOM_NL__2PRFIN20090903_005130_000000462082_00131_39263_3176.N1	03-SEP-2009 00:51:30	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39263	No
7	GOM_NL__2PRFIN20090903_010627_000000622082_00131_39263_3177.N1	03-SEP-2009 01:06:27	Bright	61.500	6	13Alp Aur	0.080000	3400.0	123	39263	No
8	GOM_NL__2PRFIN20090903_011017_000000482082_00131_39263_3178.N1	03-SEP-2009 01:10:17	Bright	48.000	107	37The Aur	2.6490	11000.	96	39263	No
9	GOM_NL__2PRFIN20090903_011535_000000572082_00131_39263_3179.N1	03-SEP-2009 01:15:35	Tw_i_and_stray	56.500	151	13Mu Gem	2.8900	3000.0	113	39263	No
10	GOM_NL__2PRFIN20090903_011723_000000522082_00131_39263_3180.N1	03-SEP-2009 01:17:23	Tw_i_and_stray	51.500	44	24Gam Gem	1.9280	11000.	103	39263	No
11	GOM_NL__2PRFIN20090903_012212_000000722082_00131_39263_3181.N1	03-SEP-2009 01:22:12	Dark	71.500	14	58Alp Ori	0.87000	3000.0	143	39263	No
12	GOM_NL__2PRFIN20090903_012712_000000532082_00131_39263_3182.N1	03-SEP-2009 01:27:12	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	39263	No
13	GOM_NL__2PRFIN20090903_012832_000000512082_00131_39263_3183.N1	03-SEP-2009 01:28:32	Dark	51.000	47	2Bet CMa	1.9760	28000.	102	39263	No
14	GOM_NL__2PRFIN20090903_013137_000000622082_00131_39263_3184.N1	03-SEP-2009 01:31:37	Dark	61.500	101	11Alp Lep	2.5820	7000.0	123	39263	No
15	GOM_NL__2PRFIN20090903_014637_000000542082_00132_39264_3188.N1	03-SEP-2009 01:46:37	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39264	No
16	GOM_NL__2PRFIN20090903_015414_000000512082_00132_39264_3189.N1	03-SEP-2009 01:54:14	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	39264	No
17	GOM_NL__2PRFIN20090903_021510_000000562082_00132_39264_3190.N1	03-SEP-2009 02:15:10	Bright	56.000	90	54Alp Peg	2.4870	11000.	112	39264	No
18	GOM_NL__2PRFIN20090903_021922_000000412082_00132_39264_3191.N1	03-SEP-2009 02:19:22	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	39264	No
19	GOM_NL__2PRFIN20090903_023000_000000422082_00132_39264_3192.N1	03-SEP-2009 02:30:00	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	39264	No
20	GOM_NL__2PRFIN20090903_023205_000000462082_00132_39264_3193.N1	03-SEP-2009 02:32:05	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39264	No
21	GOM_NL__2PRFIN20090903_024702_000000592082_00132_39264_3194.N1	03-SEP-2009 02:47:02	Bright	59.000	6	13Alp Aur	0.080000	3400.0	118	39264	No
22	GOM_NL__2PRFIN20090903_025053_000000492082_00132_39264_3195.N1	03-SEP-2009 02:50:53	Bright	49.000	107	37The Aur	2.6490	11000.	98	39264	No
23	GOM_NL__2PRFIN20090903_025611_000000582082_00132_39264_3196.N1	03-SEP-2009 02:56:11	Tw_i_and_stray	57.500	151	13Mu Gem	2.8900	3000.0	115	39264	No
24	GOM_NL__2PRFIN20090903_025759_000000522082_00132_39264_3197.N1	03-SEP-2009 02:57:59	Tw_i_and_stray	51.500	44	24Gam Gem	1.9280	11000.	103	39264	No
25	GOM_NL__2PRFIN20090903_030249_000000822082_00132_39264_3198.N1	03-SEP-2009 03:02:49	Dark	82.000	14	58Alp Ori	0.87000	3000.0	164	39264	No
26	GOM_NL__2PRFIN20090903_030748_000000512082_00132_39264_3199.N1	03-SEP-2009 03:07:48	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	39264	No
27	GOM_NL__2PRFIN20090903_031214_000000592082_00132_39264_3200.N1	03-SEP-2009 03:12:14	Dark	58.500	101	11Alp Lep	2.5820	7000.0	117	39264	No
28	GOM_NL__2PRFIN20090903_032714_000000552082_00133_39265_3221.N1	03-SEP-2009 03:27:14	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39265	No
29	GOM_NL__2PRFIN20090903_033450_000000482082_00133_39265_3222.N1	03-SEP-2009 03:34:50	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	39265	No
30	GOM_NL__2PRFIN20090903_035546_000000672082_00133_39265_3223.N1	03-SEP-2009 03:55:46	Bright	67.000	90	54Alp Peg	2.4870	11000.	134	39265	No
31	GOM_NL__2PRFIN20090903_035958_000000622082_00133_39265_3224.N1	03-SEP-2009 03:59:58	Bright	62.000	164	44Eta Peg	2.9480	5400.0	124	39265	No
32	GOM_NL__2PRFIN20090903_041035_000000402082_00133_39265_3225.N1	03-SEP-2009 04:10:35	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	39265	No
33	GOM_NL__2PRFIN20090903_041241_000000442082_00133_39265_3226.N1	03-SEP-2009 04:12:41	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	39265	No
34	GOM_NL__2PRFIN20090903_042738_000000632082_00133_39265_3227.N1	03-SEP-2009 04:27:38	Bright	62.500	6	13Alp Aur	0.080000	3400.0	125	39265	No
35	GOM_NL__2PRFIN20090903_043129_000000542082_00133_39265_3228.N1	03-SEP-2009 04:31:29	Bright	53.500	107	37The Aur	2.6490	11000.	107	39265	No
36	GOM_NL__2PRFIN20090903_043648_000000572082_00133_39265_3229.N1	03-SEP-2009 04:36:48	Tw_i_and_stray	56.500	151	13Mu Gem	2.8900	3000.0	113	39265	No
37	GOM_NL__2PRFIN20090903_043836_000000492082_00133_39265_3230.N1	03-SEP-2009 04:38:36	Tw_i_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	39265	No
38	GOM_NL__2PRFIN20090903_044326_000000822082_00133_39265_3231.N1	03-SEP-2009 04:43:26	Dark	82.000	14	58Alp Ori	0.87000	3000.0	164	39265	No
39	GOM_NL__2PRFIN20090903_044825_000000512082_00133_39265_3232.N1	03-SEP-2009 04:48:25	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	39265	No
40	GOM_NL__2PRFIN20090903_044945_000000492082_00133_39265_3233.N1	03-SEP-2009 04:49:45	Dark	48.500	47	2Bet CMa	1.9760	28000.	97	39265	No
41	GOM_NL__2PRFIN20090903_045251_000000612082_00133_39265_3234.N1	03-SEP-2009 04:52:51	Dark	60.500	101	11Alp Lep	2.5820	7000.0	121	39265	No
42	GOM_NL__2PRFIN20090903_050751_000000562082_00134_39266_3233.N1	03-SEP-2009 05:07:51	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39266	No

43	GOM_NL__2PRFIN20090903_051527_000000482082_00134_39266_3234.N1	03-SEP-2009 05:15:27	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	39266	No
44	GOM_NL__2PRFIN20090903_053621_000000672082_00134_39266_3235.N1	03-SEP-2009 05:36:21	Bright	67.000	90	54Alp Peg	2.4870	11000.	134	39266	No
45	GOM_NL__2PRFIN20090903_054034_000000622082_00134_39266_3236.N1	03-SEP-2009 05:40:34	Bright	62.000	164	44Eta Peg	2.9480	5400.0	124	39266	No
46	GOM_NL__2PRFIN20090903_055110_000000452082_00134_39266_3237.N1	03-SEP-2009 05:51:10	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	39266	No
47	GOM_NL__2PRFIN20090903_055316_000000462082_00134_39266_3238.N1	03-SEP-2009 05:53:16	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	39266	No
48	GOM_NL__2PRFIN20090903_060814_000000692082_00134_39266_3239.N1	03-SEP-2009 06:08:14	Bright	68.500	6	13Alp Aur	0.080000	3400.0	137	39266	No
49	GOM_NL__2PRFIN20090903_061205_000000482082_00134_39266_3240.N1	03-SEP-2009 06:12:05	Bright	47.500	107	37The Aur	2.6490	11000.	95	39266	No
50	GOM_NL__2PRFIN20090903_061724_000000602082_00134_39266_3241.N1	03-SEP-2009 06:17:24	Twi_and_stray	60.000	151	13Mu Gem	2.8900	3000.0	120	39266	No
51	GOM_NL__2PRFIN20090903_061912_000000512082_00134_39266_3242.N1	03-SEP-2009 06:19:12	Twi_and_stray	50.500	44	24Gam Gem	1.9280	11000.	101	39266	No
52	GOM_NL__2PRFIN20090903_062403_000000702082_00134_39266_3243.N1	03-SEP-2009 06:24:03	Dark	69.500	14	58Alp Ori	0.87000	3000.0	139	39266	No
53	GOM_NL__2PRFIN20090903_062902_000000512082_00134_39266_3244.N1	03-SEP-2009 06:29:02	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	39266	No
54	GOM_NL__2PRFIN20090903_063022_000000492082_00134_39266_3245.N1	03-SEP-2009 06:30:22	Dark	49.000	47	2Bet CMa	1.9760	28000.	98	39266	No
55	GOM_NL__2PRFIN20090903_063430_000000542082_00134_39266_3246.N1	03-SEP-2009 06:34:30	Dark	54.000	139	9Bet Lep	2.8330	5600.0	108	39266	No
56	GOM_NL__2PRFIN20090903_064829_000000552082_00135_39267_3258.N1	03-SEP-2009 06:48:29	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39267	No
57	GOM_NL__2PRFIN20090903_065603_000000492082_00135_39267_3259.N1	03-SEP-2009 06:56:03	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	39267	No
58	GOM_NL__2PRFIN20090903_071657_000000462082_00135_39267_3260.N1	03-SEP-2009 07:16:57	Bright	45.500	90	54Alp Peg	2.4870	11000.	91	39267	No
59	GOM_NL__2PRFIN20090903_072109_000000432082_00135_39267_3261.N1	03-SEP-2009 07:21:09	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	39267	No
60	GOM_NL__2PRFIN20090903_073146_000000432082_00135_39267_3262.N1	03-SEP-2009 07:31:46	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	39267	No
61	GOM_NL__2PRFIN20090903_073351_000000452082_00135_39267_3263.N1	03-SEP-2009 07:33:51	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	39267	No
62	GOM_NL__2PRFIN20090903_074850_000000642082_00135_39267_3264.N1	03-SEP-2009 07:48:50	Bright	63.500	6	13Alp Aur	0.080000	3400.0	127	39267	No
63	GOM_NL__2PRFIN20090903_075241_000000482082_00135_39267_3265.N1	03-SEP-2009 07:52:41	Bright	47.500	107	37The Aur	2.6490	11000.	95	39267	No
64	GOM_NL__2PRFIN20090903_075800_000000632082_00135_39267_3266.N1	03-SEP-2009 07:58:00	Twi_and_stray	63.000	151	13Mu Gem	2.8900	3000.0	126	39267	No
65	GOM_NL__2PRFIN20090903_075948_000000532082_00135_39267_3267.N1	03-SEP-2009 07:59:48	Twi_and_stray	53.000	44	24Gam Gem	1.9280	11000.	106	39267	No
66	GOM_NL__2PRFIN20090903_080440_000000782082_00135_39267_3268.N1	03-SEP-2009 08:04:40	Dark	78.000	14	58Alp Ori	0.87000	3000.0	156	39267	No
67	GOM_NL__2PRFIN20090903_080938_000000482082_00135_39267_3269.N1	03-SEP-2009 08:09:38	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	39267	No
68	GOM_NL__2PRFIN20090903_081059_000000492082_00135_39267_3270.N1	03-SEP-2009 08:10:59	Dark	49.000	47	2Bet CMa	1.9760	28000.	98	39267	No
69	GOM_NL__2PRFIN20090903_081508_000000552082_00135_39267_3271.N1	03-SEP-2009 08:15:08	Dark	54.500	139	9Bet Lep	2.8330	5600.0	109	39267	No
70	GOM_NL__2PRFIN20090903_082906_000000562082_00136_39268_3272.N1	03-SEP-2009 08:29:06	Dark	56.000	157	The1Eri	2.9060	9300.0	112	39268	No
71	GOM_NL__2PRFIN20090903_083640_000000532082_00136_39268_3273.N1	03-SEP-2009 08:36:40	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	39268	No
72	GOM_NL__2PRFIN20090903_085732_000000452082_00136_39268_3274.N1	03-SEP-2009 08:57:32	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	39268	No
73	GOM_NL__2PRFIN20090903_090145_000000412082_00136_39268_3275.N1	03-SEP-2009 09:01:45	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	39268	No
74	GOM_NL__2PRFIN20090903_091221_000000442082_00136_39268_3276.N1	03-SEP-2009 09:12:21	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	39268	No
75	GOM_NL__2PRFIN20090903_091426_000000462082_00136_39268_3277.N1	03-SEP-2009 09:14:26	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39268	No
76	GOM_NL__2PRFIN20090903_092925_000000642082_00136_39268_3278.N1	03-SEP-2009 09:29:25	Bright	63.500	6	13Alp Aur	0.080000	3400.0	127	39268	No
77	GOM_NL__2PRFIN20090903_093837_000000642082_00136_39268_3279.N1	03-SEP-2009 09:38:37	Twi_and_stray	63.500	151	13Mu Gem	2.8900	3000.0	127	39268	No
78	GOM_NL__2PRFIN20090903_094025_000000532082_00136_39268_3280.N1	03-SEP-2009 09:40:25	Twi_and_stray	52.500	44	24Gam Gem	1.9280	11000.	105	39268	No
79	GOM_NL__2PRFIN20090903_094517_000000702082_00136_39268_3281.N1	03-SEP-2009 09:45:17	Dark	70.000	14	58Alp Ori	0.87000	3000.0	140	39268	No
80	GOM_NL__2PRFIN20090903_095015_000000512082_00136_39268_3282.N1	03-SEP-2009 09:50:15	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	39268	No
81	GOM_NL__2PRFIN20090903_095136_000000462082_00136_39268_3283.N1	03-SEP-2009 09:51:36	Dark	46.000	47	2Bet CMa	1.9760	28000.	92	39268	No
82	GOM_NL__2PRFIN20090903_095545_000000562082_00136_39268_3284.N1	03-SEP-2009 09:55:45	Dark	56.000	139	9Bet Lep	2.8330	5600.0	112	39268	No
83	GOM_NL__2PRFIN20090903_100943_000000562082_00137_39269_3286.N1	03-SEP-2009 10:09:43	Dark	56.000	157	The1Eri	2.9060	9300.0	112	39269	No
84	GOM_NL__2PRFIN20090903_101716_000000442082_00137_39269_3287.N1	03-SEP-2009 10:17:16	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	39269	No
85	GOM_NL__2PRFIN20090903_103808_000000462082_00137_39269_3288.N1	03-SEP-2009 10:38:08	Bright	46.000	90	54Alp Peg	2.4870	11000.	92	39269	No
86	GOM_NL__2PRFIN20090903_104220_000000422082_00137_39269_3289.N1	03-SEP-2009 10:42:20	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	39269	No
87	GOM_NL__2PRFIN20090903_105256_000000432082_00137_39269_3290.N1	03-SEP-2009 10:52:56	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	39269	No
88	GOM_NL__2PRFIN20090903_105502_000000422082_00137_39269_3291.N1	03-SEP-2009 10:55:02	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	39269	No
89	GOM_NL__2PRFIN20090903_111001_000000632082_00137_39269_3292.N1	03-SEP-2009 11:10:01	Bright	62.500	6	13Alp Aur	0.080000	3400.0	125	39269	No
90	GOM_NL__2PRFIN20090903_111913_000000602082_00137_39269_3293.N1	03-SEP-2009 11:19:13	Twi_and_stray	60.000	151	13Mu Gem	2.8900	3000.0	120	39269	No
91	GOM_NL__2PRFIN20090903_112101_000000522082_00137_39269_3294.N1	03-SEP-2009 11:21:01	Twi_and_stray	51.500	44	24Gam Gem	1.9280	11000.	103	39269	No
92	GOM_NL__2PRFIN20090903_112554_000000712082_00137_39269_3295.N1	03-SEP-2009 11:25:54	Dark	71.000	14	58Alp Ori	0.87000	3000.0	142	39269	No
93	GOM_NL__2PRFIN20090903_113052_000000502082_00137_39269_3296.N1	03-SEP-2009 11:30:52	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	39269	No
94	GOM_NL__2PRFIN20090903_113212_000000452082_00137_39269_3297.N1	03-SEP-2009 11:32:12	Dark	44.500	47	2Bet CMa	1.9760	28000.	89	39269	No
95	GOM_NL__2PRFIN20090903_113622_000000562082_00137_39269_3298.N1	03-SEP-2009 11:36:22	Dark	56.000	139	9Bet Lep	2.8330	5600.0	112	39269	No
96	GOM_NL__2PRFIN20090903_115020_000000562082_00138_39270_3300.N1	03-SEP-2009 11:50:20	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39270	No
97	GOM_NL__2PRFIN20090903_115753_000000502082_00138_39270_3301.N1	03-SEP-2009 11:57:53	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	39270	No
98	GOM_NL__2PRFIN20090903_121843_000000452082_00138_39270_3302.N1	03-SEP-2009 12:18:43	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	39270	No
99	GOM_NL__2PRFIN20090903_122255_000000592082_00138_39270_3303.N1	03-SEP-2009 12:22:55	Bright	58.500	164	44Eta Peg	2.9480	5400.0	117	39270	No
100	GOM_NL__2PRFIN20090903_123331_000000452082_00138_39270_3304.N1	03-SEP-2009 12:33:31	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	39270	No
101	GOM_NL__2PRFIN20090903_123537_000000472082_00138_39270_3305.N1	03-SEP-2009 12:35:37	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39270	No

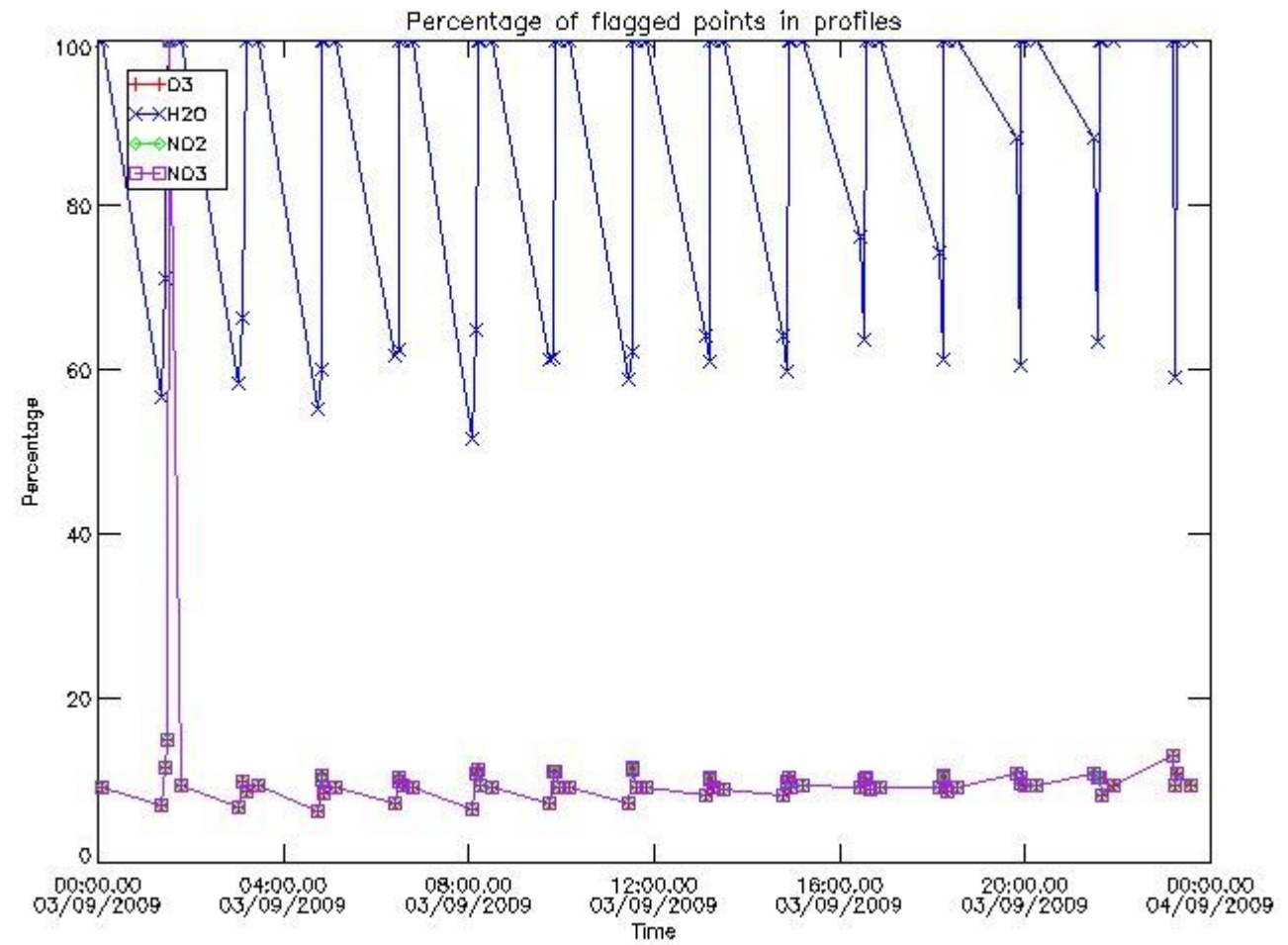
102	GOM_NL__2PRFIN20090903_125036_000000762082_00138_39270_3306.N1	03-SEP-2009 12:50:36	Bright	76.000	6	13Alp Aur	0.080000	3400.0	152	39270	No
103	GOM_NL__2PRFIN20090903_125429_000000462082_00138_39270_3307.N1	03-SEP-2009 12:54:29	Bright	46.000	107	37The Aur	2.6490	11000.	92	39270	No
104	GOM_NL__2PRFIN20090903_125949_000000572082_00138_39270_3308.N1	03-SEP-2009 12:59:49	Twilight	57.000	151	13Mu Gem	2.8900	3000.0	114	39270	No
105	GOM_NL__2PRFIN20090903_130137_000000512082_00138_39270_3309.N1	03-SEP-2009 13:01:37	Twilight	50.500	44	24Gam Gem	1.9280	11000.	101	39270	No
106	GOM_NL__2PRFIN20090903_130630_000000632082_00138_39270_3310.N1	03-SEP-2009 13:06:30	Dark	63.000	14	58Alp Ori	0.87000	3000.0	126	39270	No
107	GOM_NL__2PRFIN20090903_131128_000000512082_00138_39270_3311.N1	03-SEP-2009 13:11:28	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	39270	No
108	GOM_NL__2PRFIN20090903_131249_000000492082_00138_39270_3312.N1	03-SEP-2009 13:12:49	Dark	49.000	47	2Bet CMa	1.9760	28000.	98	39270	No
109	GOM_NL__2PRFIN20090903_131659_000000562082_00138_39270_3313.N1	03-SEP-2009 13:16:59	Dark	55.500	139	9Bet Lep	2.8330	5600.0	111	39270	No
110	GOM_NL__2PRFIN20090903_133057_000000572082_00139_39271_3314.N1	03-SEP-2009 13:30:57	Dark	57.000	157	The1Eri	2.9060	9300.0	114	39271	No
111	GOM_NL__2PRFIN20090903_133829_000000462082_00139_39271_3315.N1	03-SEP-2009 13:38:29	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	39271	No
112	GOM_NL__2PRFIN20090903_135918_000000472082_00139_39271_3316.N1	03-SEP-2009 13:59:18	Bright	47.000	90	54Alp Peg	2.4870	11000.	94	39271	No
113	GOM_NL__2PRFIN20090903_140331_000000422082_00139_39271_3317.N1	03-SEP-2009 14:03:31	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	39271	No
114	GOM_NL__2PRFIN20090903_141407_000000442082_00139_39271_3318.N1	03-SEP-2009 14:14:07	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	39271	No
115	GOM_NL__2PRFIN20090903_143112_000000602082_00139_39271_3319.N1	03-SEP-2009 14:31:12	Bright	60.000	6	13Alp Aur	0.080000	3400.0	120	39271	No
116	GOM_NL__2PRFIN20090903_143505_000000472082_00139_39271_3320.N1	03-SEP-2009 14:35:05	Bright	47.000	107	37The Aur	2.6490	11000.	94	39271	No
117	GOM_NL__2PRFIN20090903_144026_000000612082_00139_39271_3321.N1	03-SEP-2009 14:40:26	Twilight	61.000	151	13Mu Gem	2.8900	3000.0	122	39271	No
118	GOM_NL__2PRFIN20090903_144214_000000522082_00139_39271_3322.N1	03-SEP-2009 14:42:14	Twilight	51.500	44	24Gam Gem	1.9280	11000.	103	39271	No
119	GOM_NL__2PRFIN20090903_144707_000000632082_00139_39271_3323.N1	03-SEP-2009 14:47:07	Dark	63.000	14	58Alp Ori	0.87000	3000.0	126	39271	No
120	GOM_NL__2PRFIN20090903_145205_000000522082_00139_39271_3324.N1	03-SEP-2009 14:52:05	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	39271	No
121	GOM_NL__2PRFIN20090903_145326_000000492082_00139_39271_3325.N1	03-SEP-2009 14:53:26	Dark	49.000	47	2Bet CMa	1.9760	28000.	98	39271	No
122	GOM_NL__2PRFIN20090903_145736_000000562082_00139_39271_3326.N1	03-SEP-2009 14:57:36	Dark	56.000	139	9Bet Lep	2.8330	5600.0	112	39271	No
123	GOM_NL__2PRFIN20090903_151134_000000552082_00140_39272_3333.N1	03-SEP-2009 15:11:34	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39272	No
124	GOM_NL__2PRFIN20090903_151906_000000462082_00140_39272_3334.N1	03-SEP-2009 15:19:06	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	39272	No
125	GOM_NL__2PRFIN20090903_153954_000000452082_00140_39272_3335.N1	03-SEP-2009 15:39:54	Bright	45.000	90	54Alp Peg	2.4870	11000.	90	39272	No
126	GOM_NL__2PRFIN20090903_154407_000000412082_00140_39272_3336.N1	03-SEP-2009 15:44:07	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	39272	No
127	GOM_NL__2PRFIN20090903_155442_000000452082_00140_39272_3337.N1	03-SEP-2009 15:54:42	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	39272	No
128	GOM_NL__2PRFIN20090903_155647_000000452082_00140_39272_3338.N1	03-SEP-2009 15:56:47	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	39272	No
129	GOM_NL__2PRFIN20090903_161148_000000602082_00140_39272_3339.N1	03-SEP-2009 16:11:48	Bright	60.000	6	13Alp Aur	0.080000	3400.0	120	39272	No
130	GOM_NL__2PRFIN20090903_161541_000000492082_00140_39272_3340.N1	03-SEP-2009 16:15:41	Bright	48.500	107	37The Aur	2.6490	11000.	97	39272	No
131	GOM_NL__2PRFIN20090903_162102_000000662082_00140_39272_3341.N1	03-SEP-2009 16:21:02	Twilight	65.500	151	13Mu Gem	2.8900	3000.0	131	39272	No
132	GOM_NL__2PRFIN20090903_162250_000000522082_00140_39272_3342.N1	03-SEP-2009 16:22:50	Twilight	52.000	44	24Gam Gem	1.9280	11000.	104	39272	No
133	GOM_NL__2PRFIN20090903_162744_000000552082_00140_39272_3343.N1	03-SEP-2009 16:27:44	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	39272	No
134	GOM_NL__2PRFIN20090903_163241_000000502082_00140_39272_3344.N1	03-SEP-2009 16:32:41	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	39272	No
135	GOM_NL__2PRFIN20090903_163403_000000502082_00140_39272_3345.N1	03-SEP-2009 16:34:03	Dark	49.500	47	2Bet CMa	1.9760	28000.	99	39272	No
136	GOM_NL__2PRFIN20090903_163814_000000582082_00140_39272_3346.N1	03-SEP-2009 16:38:14	Dark	57.500	139	9Bet Lep	2.8330	5600.0	115	39272	No
137	GOM_NL__2PRFIN20090903_165211_000000562082_00141_39273_3348.N1	03-SEP-2009 16:52:11	Dark	56.000	157	The1Eri	2.9060	9300.0	112	39273	No
138	GOM_NL__2PRFIN20090903_165942_000000512082_00141_39273_3349.N1	03-SEP-2009 16:59:42	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	39273	No
139	GOM_NL__2PRFIN20090903_172030_000000672082_00141_39273_3350.N1	03-SEP-2009 17:20:30	Bright	67.000	90	54Alp Peg	2.4870	11000.	134	39273	No
140	GOM_NL__2PRFIN20090903_172442_000000402082_00141_39273_3351.N1	03-SEP-2009 17:24:42	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	39273	No
141	GOM_NL__2PRFIN20090903_173518_000000442082_00141_39273_3352.N1	03-SEP-2009 17:35:18	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	39273	No
142	GOM_NL__2PRFIN20090903_173723_000000462082_00141_39273_3353.N1	03-SEP-2009 17:37:23	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	39273	No
143	GOM_NL__2PRFIN20090903_175223_000000612082_00141_39273_3354.N1	03-SEP-2009 17:52:23	Bright	60.500	6	13Alp Aur	0.080000	3400.0	121	39273	No
144	GOM_NL__2PRFIN20090903_175617_000000462082_00141_39273_3355.N1	03-SEP-2009 17:56:17	Bright	46.000	107	37The Aur	2.6490	11000.	92	39273	No
145	GOM_NL__2PRFIN20090903_180138_000000582082_00141_39273_3356.N1	03-SEP-2009 18:01:38	Twilight	58.000	151	13Mu Gem	2.8900	3000.0	116	39273	No
146	GOM_NL__2PRFIN20090903_180326_000000512082_00141_39273_3357.N1	03-SEP-2009 18:03:26	Twilight	50.500	44	24Gam Gem	1.9280	11000.	101	39273	No
147	GOM_NL__2PRFIN20090903_180821_000000552082_00141_39273_3358.N1	03-SEP-2009 18:08:21	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	39273	No
148	GOM_NL__2PRFIN20090903_181318_000000502082_00141_39273_3359.N1	03-SEP-2009 18:13:18	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	39273	No
149	GOM_NL__2PRFIN20090903_181439_000000492082_00141_39273_3360.N1	03-SEP-2009 18:14:39	Dark	48.500	47	2Bet CMa	1.9760	28000.	97	39273	No
150	GOM_NL__2PRFIN20090903_181851_000000582082_00141_39273_3361.N1	03-SEP-2009 18:18:51	Dark	58.000	139	9Bet Lep	2.8330	5600.0	116	39273	No
151	GOM_NL__2PRFIN20090903_183248_000000552082_00142_39274_3364.N1	03-SEP-2009 18:32:48	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39274	No
152	GOM_NL__2PRFIN20090903_184019_000000472082_00142_39274_3365.N1	03-SEP-2009 18:40:19	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	39274	No
153	GOM_NL__2PRFIN20090903_190105_000000462082_00142_39274_3366.N1	03-SEP-2009 19:01:05	Bright	45.500	90	54Alp Peg	2.4870	11000.	91	39274	No
154	GOM_NL__2PRFIN20090903_190518_000000442082_00142_39274_3367.N1	03-SEP-2009 19:05:18	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	39274	No
155	GOM_NL__2PRFIN20090903_191553_000000432082_00142_39274_3368.N1	03-SEP-2009 19:15:53	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	39274	No
156	GOM_NL__2PRFIN20090903_191758_000000462082_00142_39274_3369.N1	03-SEP-2009 19:17:58	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	39274	No
157	GOM_NL__2PRFIN20090903_193259_000000582082_00142_39274_3370.N1	03-SEP-2009 19:32:59	Bright	58.000	6	13Alp Aur	0.080000	3400.0	116	39274	No
158	GOM_NL__2PRFIN20090903_193653_000000512082_00142_39274_3371.N1	03-SEP-2009 19:36:53	Bright	50.500	107	37The Aur	2.6490	11000.	101	39274	No
159	GOM_NL__2PRFIN20090903_194214_000000552082_00142_39274_3372.N1	03-SEP-2009 19:42:14	Twilight	55.000	151	13Mu Gem	2.8900	3000.0	110	39274	No
160	GOM_NL__2PRFIN20090903_194403_000000482082_00142_39274_3373.N1	03-SEP-2009 19:44:03	Twilight	47.500	44	24Gam Gem	1.9280	11000.	95	39274	No

161	GOM_NL__2PRFIN20090903_194858_000000472082_00142_39274_3374.N1	03-SEP-2009 19:48:58	Dark	47.000	14	58Alp Ori	0.87000	3000.0	94	39274	No
162	GOM_NL__2PRFIN20090903_195354_000000542082_00142_39274_3375.N1	03-SEP-2009 19:53:54	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	39274	No
163	GOM_NL__2PRFIN20090903_195516_000000492082_00142_39274_3376.N1	03-SEP-2009 19:55:16	Dark	49.000	47	2Bet CMa	1.9760	28000.	98	39274	No
164	GOM_NL__2PRFIN20090903_195928_000000542082_00142_39274_3377.N1	03-SEP-2009 19:59:28	Dark	54.000	139	9Bet Lep	2.8330	5600.0	108	39274	No
165	GOM_NL__2PRFIN20090903_201326_000000552082_00143_39275_3402.N1	03-SEP-2009 20:13:26	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39275	No
166	GOM_NL__2PRFIN20090903_202055_000000532082_00143_39275_3403.N1	03-SEP-2009 20:20:55	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	39275	No
167	GOM_NL__2PRFIN20090903_204140_000000472082_00143_39275_3404.N1	03-SEP-2009 20:41:40	Bright	46.500	90	54Alp Peg	2.4870	11000.	93	39275	No
168	GOM_NL__2PRFIN20090903_204553_000000472082_00143_39275_3405.N1	03-SEP-2009 20:45:53	Bright	46.500	164	44Eta Peg	2.9480	5400.0	93	39275	No
169	GOM_NL__2PRFIN20090903_205628_000000442082_00143_39275_3406.N1	03-SEP-2009 20:56:28	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	39275	No
170	GOM_NL__2PRFIN20090903_205833_000000422082_00143_39275_3407.N1	03-SEP-2009 20:58:33	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	39275	No
171	GOM_NL__2PRFIN20090903_211334_000000662082_00143_39275_3408.N1	03-SEP-2009 21:13:34	Bright	65.500	6	13Alp Aur	0.080000	3400.0	131	39275	No
172	GOM_NL__2PRFIN20090903_211729_000000512082_00143_39275_3409.N1	03-SEP-2009 21:17:29	Bright	50.500	107	37The Aur	2.6490	11000.	101	39275	No
173	GOM_NL__2PRFIN20090903_212251_000000552082_00143_39275_3410.N1	03-SEP-2009 21:22:51	Tw_i_and_stray	55.000	151	13Mu Gem	2.8900	3000.0	110	39275	No
174	GOM_NL__2PRFIN20090903_212439_000000512082_00143_39275_3411.N1	03-SEP-2009 21:24:39	Tw_i_and_stray	51.000	44	24Gam Gem	1.9280	11000.	102	39275	No
175	GOM_NL__2PRFIN20090903_212935_000000472082_00143_39275_3412.N1	03-SEP-2009 21:29:35	Dark	46.500	14	58Alp Ori	0.87000	3000.0	93	39275	No
176	GOM_NL__2PRFIN20090903_213431_000000502082_00143_39275_3413.N1	03-SEP-2009 21:34:31	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	39275	No
177	GOM_NL__2PRFIN20090903_213553_000000492082_00143_39275_3414.N1	03-SEP-2009 21:35:53	Dark	49.000	47	2Bet CMa	1.9760	28000.	98	39275	No
178	GOM_NL__2PRFIN20090903_214005_000000622082_00143_39275_3415.N1	03-SEP-2009 21:40:05	Dark	62.000	139	9Bet Lep	2.8330	5600.0	124	39275	No
179	GOM_NL__2PRFIN20090903_215403_000000542082_00144_39276_3421.N1	03-SEP-2009 21:54:03	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39276	No
180	GOM_NL__2PRFIN20090903_220132_000000462082_00144_39276_3422.N1	03-SEP-2009 22:01:32	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	39276	No
181	GOM_NL__2PRFIN20090903_222216_000000462082_00144_39276_3423.N1	03-SEP-2009 22:22:16	Bright	46.000	90	54Alp Peg	2.4870	11000.	92	39276	No
182	GOM_NL__2PRFIN20090903_222628_000000422082_00144_39276_3424.N1	03-SEP-2009 22:26:28	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	39276	No
183	GOM_NL__2PRFIN20090903_223704_000000442082_00144_39276_3425.N1	03-SEP-2009 22:37:04	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	39276	No
184	GOM_NL__2PRFIN20090903_223909_000000412082_00144_39276_3426.N1	03-SEP-2009 22:39:09	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	39276	No
185	GOM_NL__2PRFIN20090903_225410_000000602082_00144_39276_3427.N1	03-SEP-2009 22:54:10	Bright	60.000	6	13Alp Aur	0.080000	3400.0	120	39276	No
186	GOM_NL__2PRFIN20090903_230327_000000582082_00144_39276_3428.N1	03-SEP-2009 23:03:27	Tw_i_and_stray	58.000	151	13Mu Gem	2.8900	3000.0	116	39276	No
187	GOM_NL__2PRFIN20090903_230516_000000532082_00144_39276_3429.N1	03-SEP-2009 23:05:16	Tw_i_and_stray	53.000	44	24Gam Gem	1.9280	11000.	106	39276	No
188	GOM_NL__2PRFIN20090903_231012_000000392082_00144_39276_3430.N1	03-SEP-2009 23:10:12	Dark	38.500	14	58Alp Ori	0.87000	3000.0	77	39276	No
189	GOM_NL__2PRFIN20090903_231507_000000542082_00144_39276_3431.N1	03-SEP-2009 23:15:07	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	39276	No
190	GOM_NL__2PRFIN20090903_231630_000000482082_00144_39276_3432.N1	03-SEP-2009 23:16:30	Dark	47.500	47	2Bet CMa	1.9760	28000.	95	39276	No
191	GOM_NL__2PRFIN20090903_233440_000000542082_00145_39277_3436.N1	03-SEP-2009 23:34:40	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39277	No
192	GOM_NL__2PRFIN20090903_234208_000000472082_00145_39277_3437.N1	03-SEP-2009 23:42:08	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	39277	No

3. Quality information per product

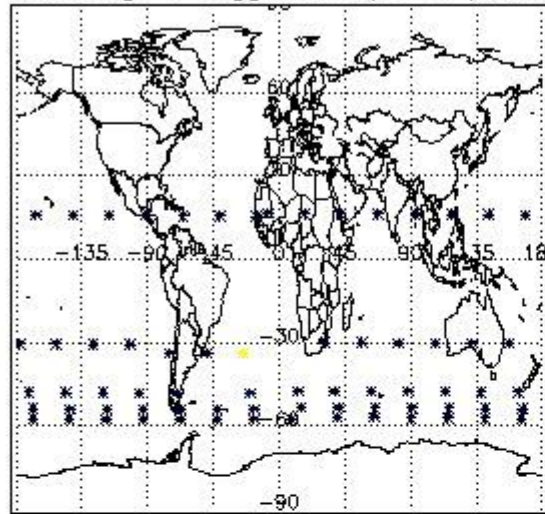
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

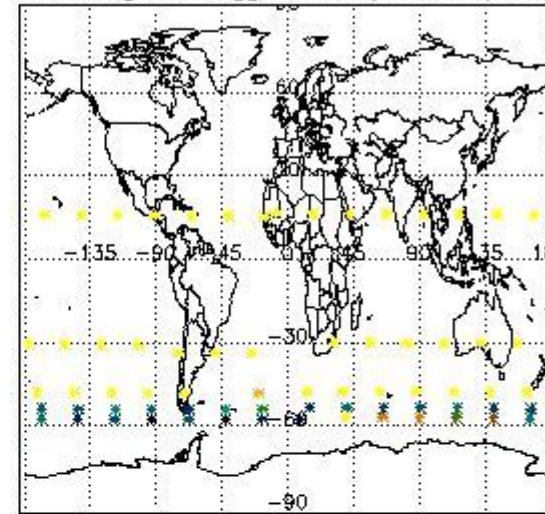


3.2 Plot quality information per product (world map)

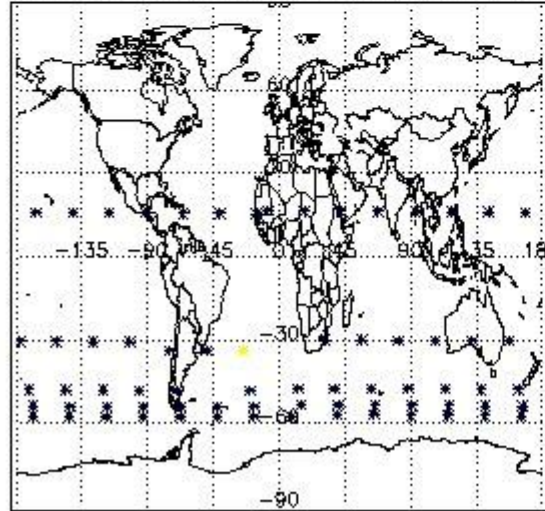
Percentage of flagged data per O3 profile



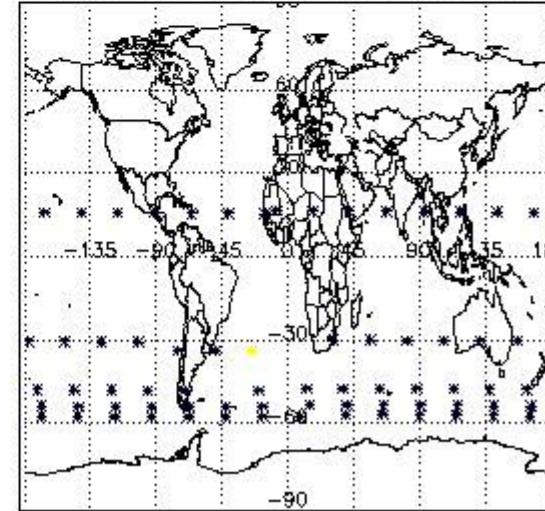
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

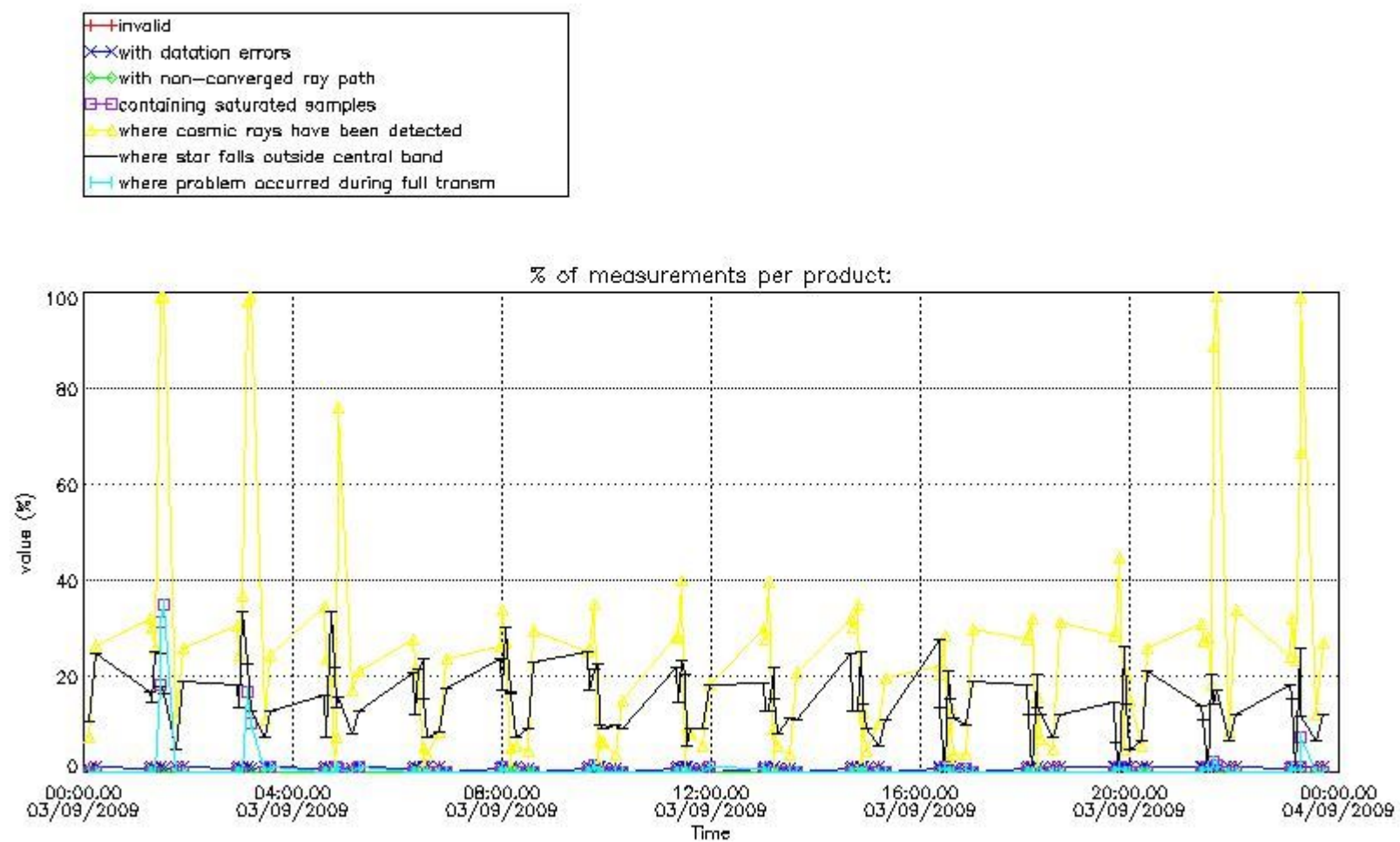


4. Level 1 quality information per product

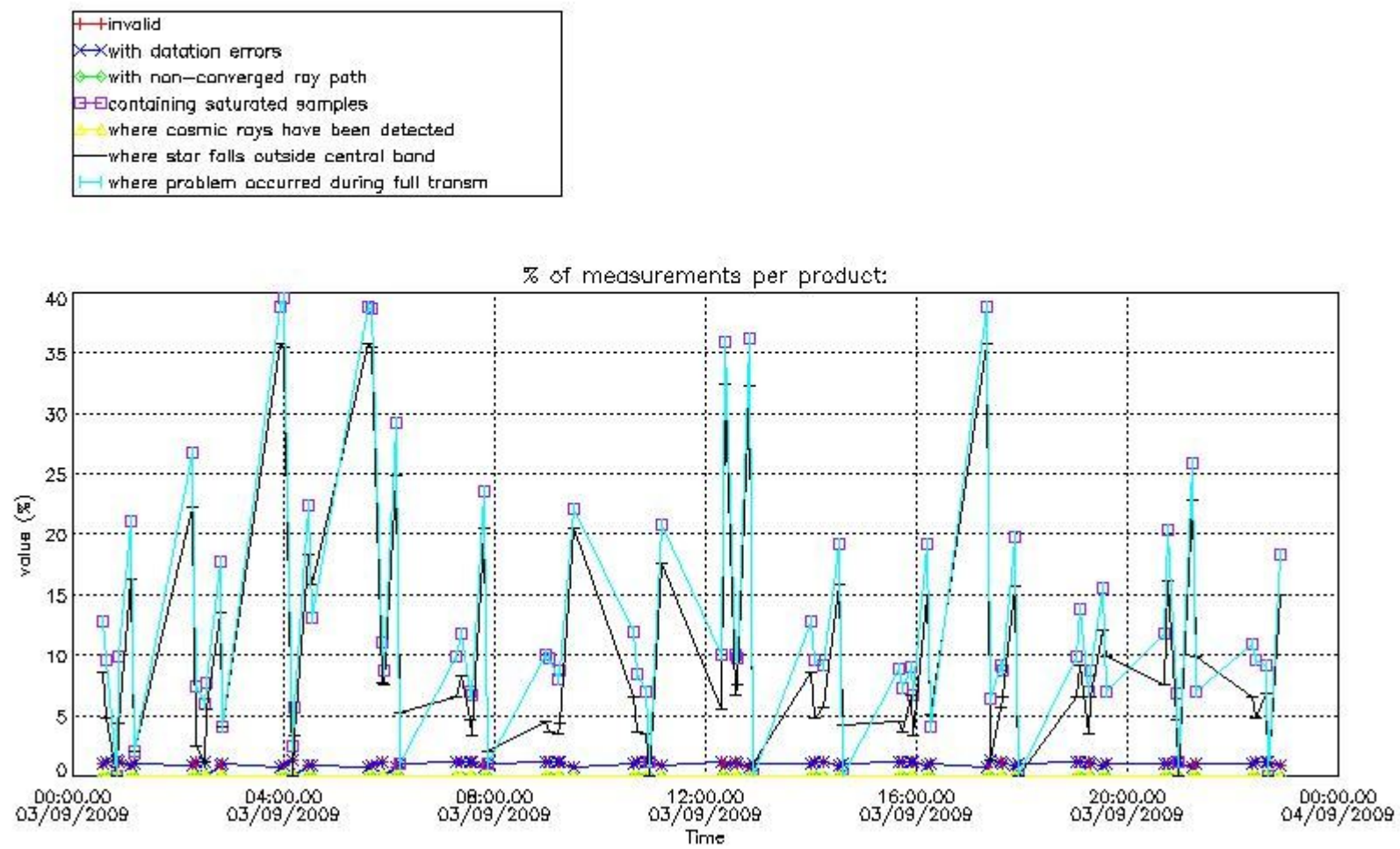
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



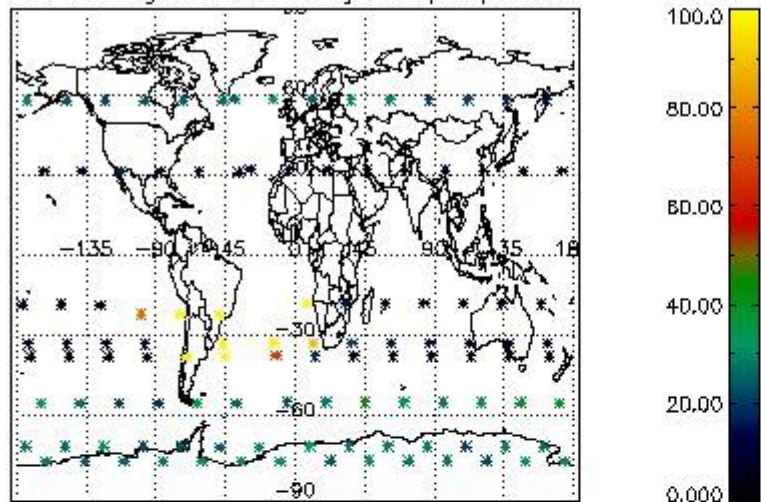
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



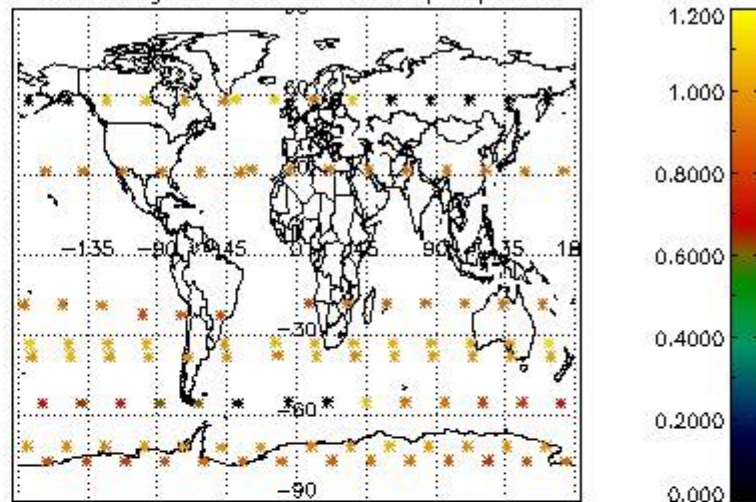
4.2 Plot quality information per product coming from level 1b processing (world map)

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

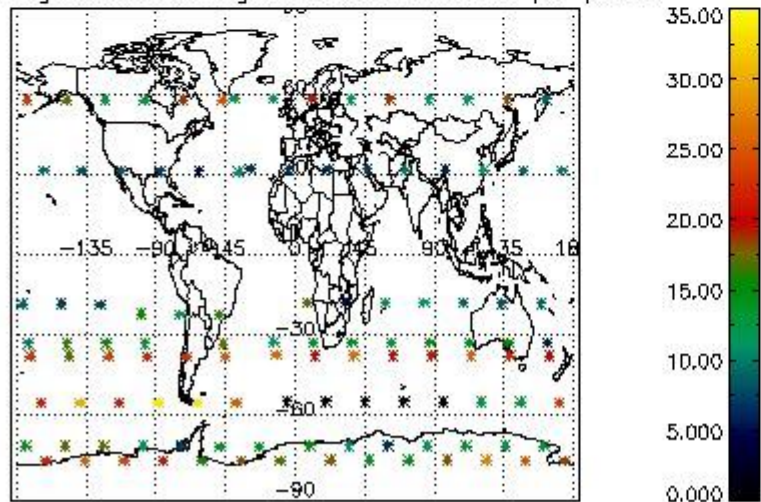
Percentage of cosmic ray hits per profile



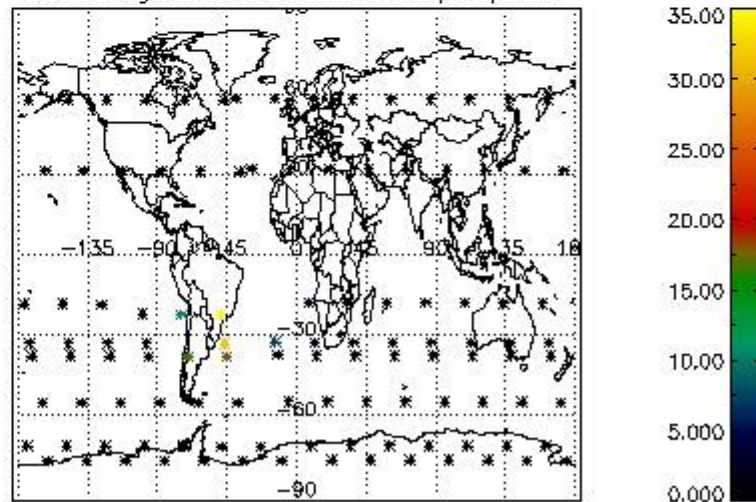
Percentage of datation errors per profile



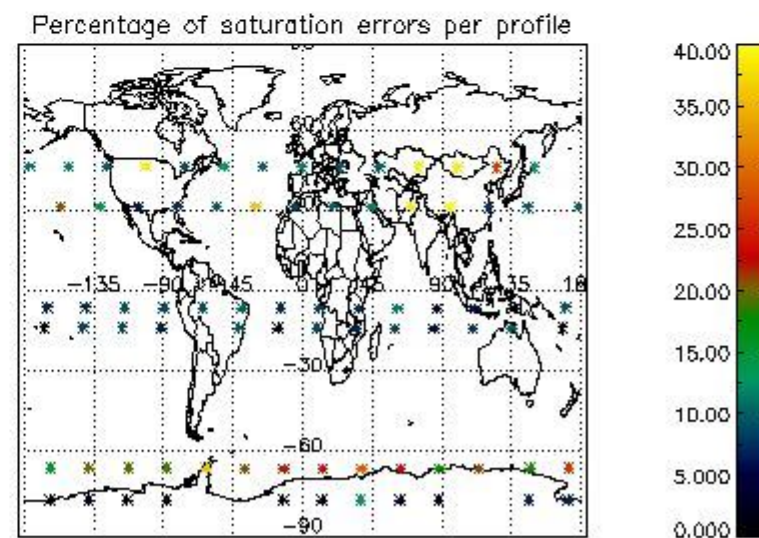
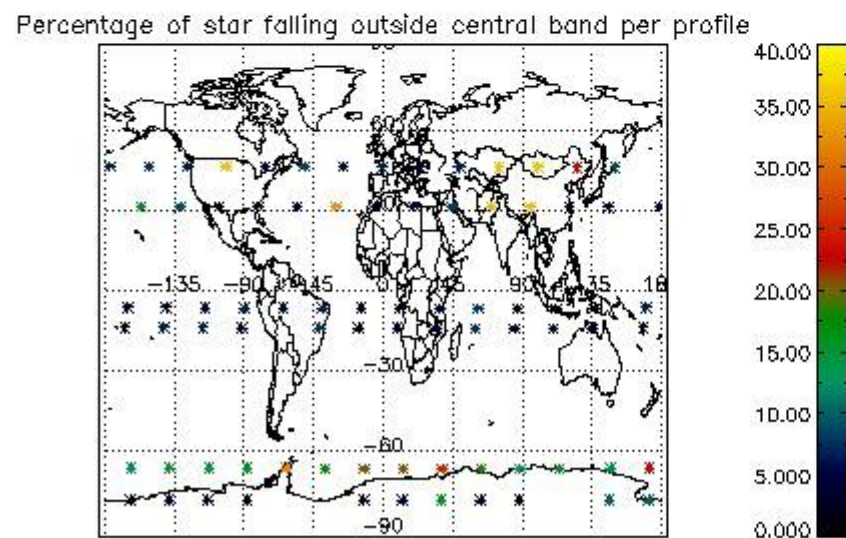
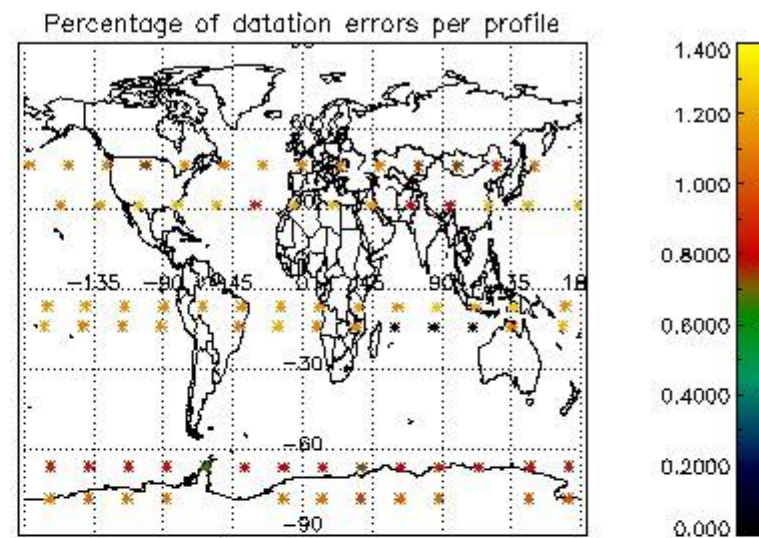
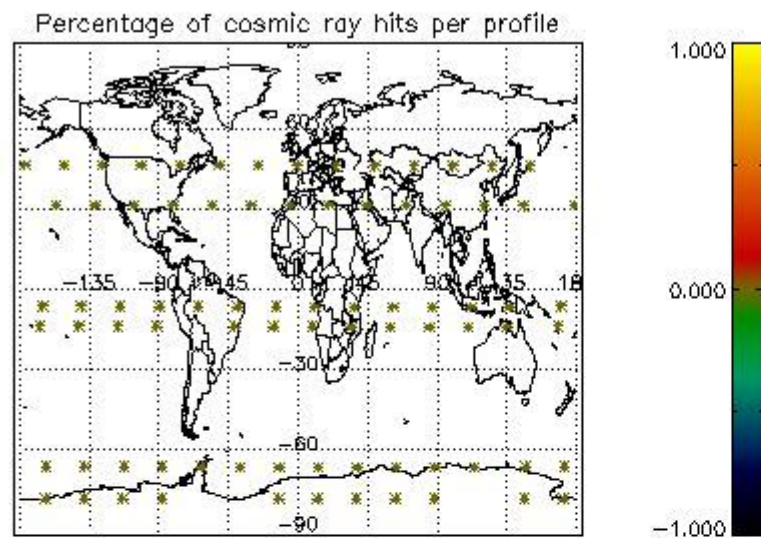
Percentage of star falling outside central band per profile



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

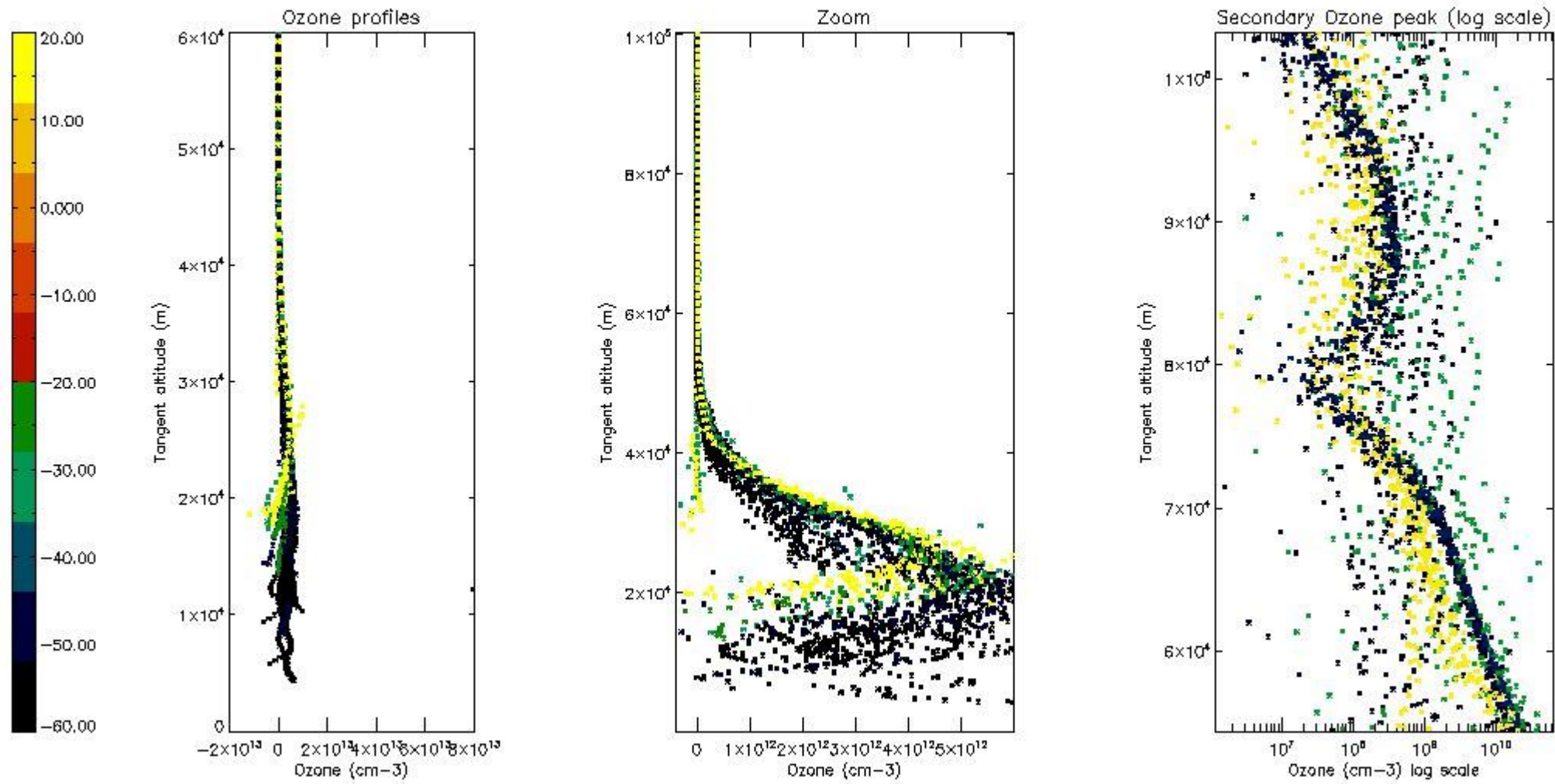
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	38
STD < 20	18

STD < 10	15
STD < 5	9

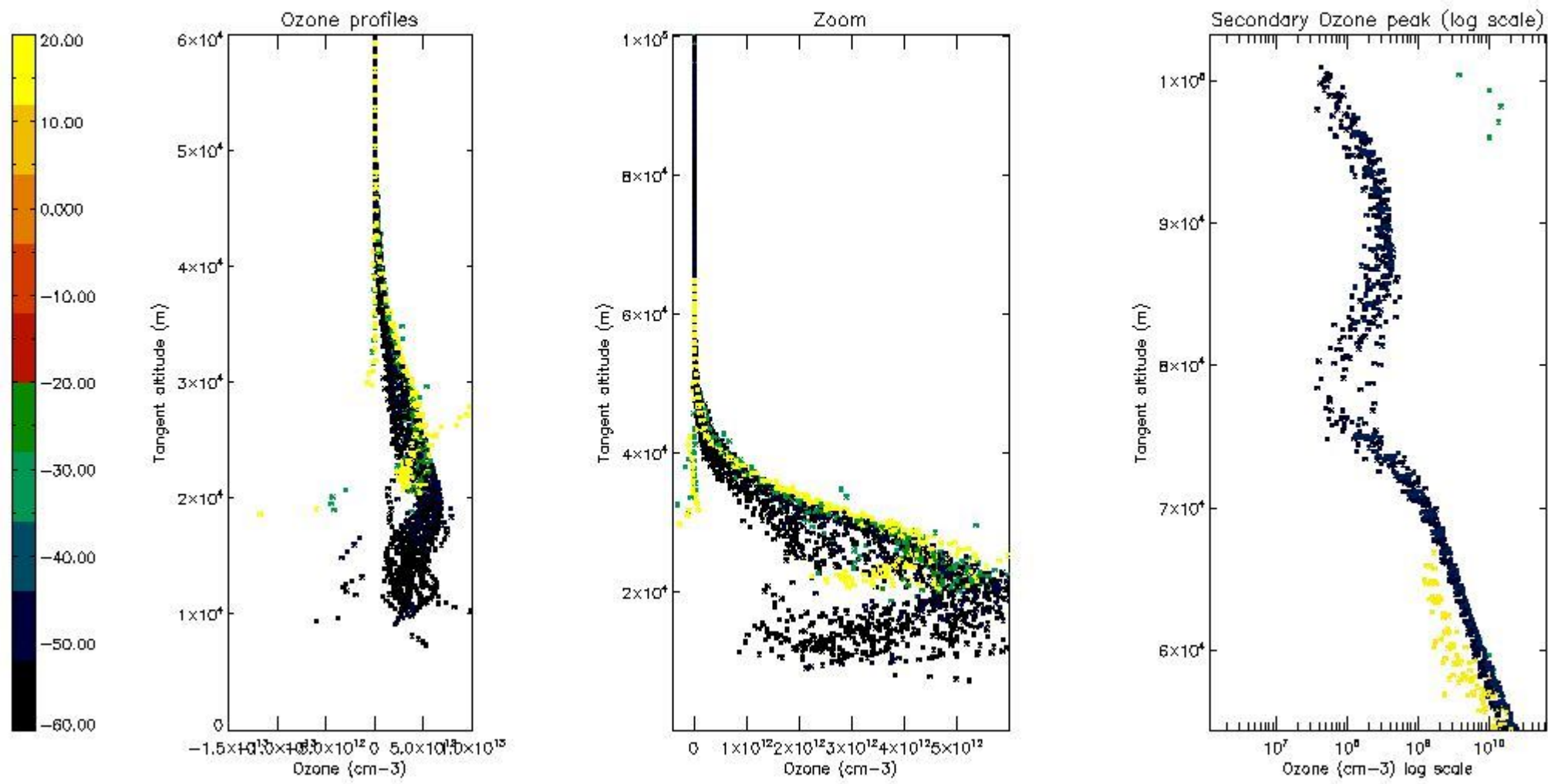
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



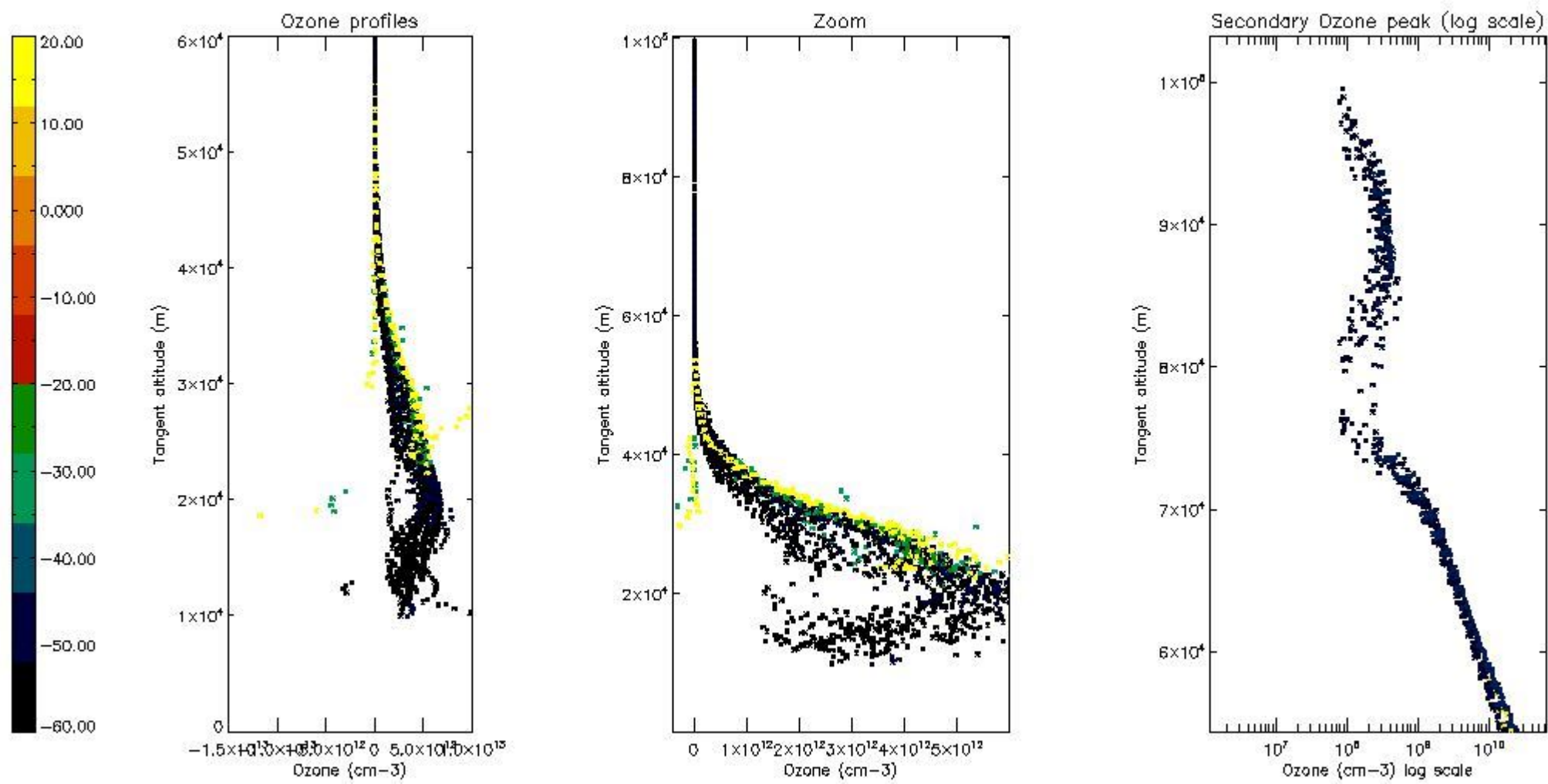
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



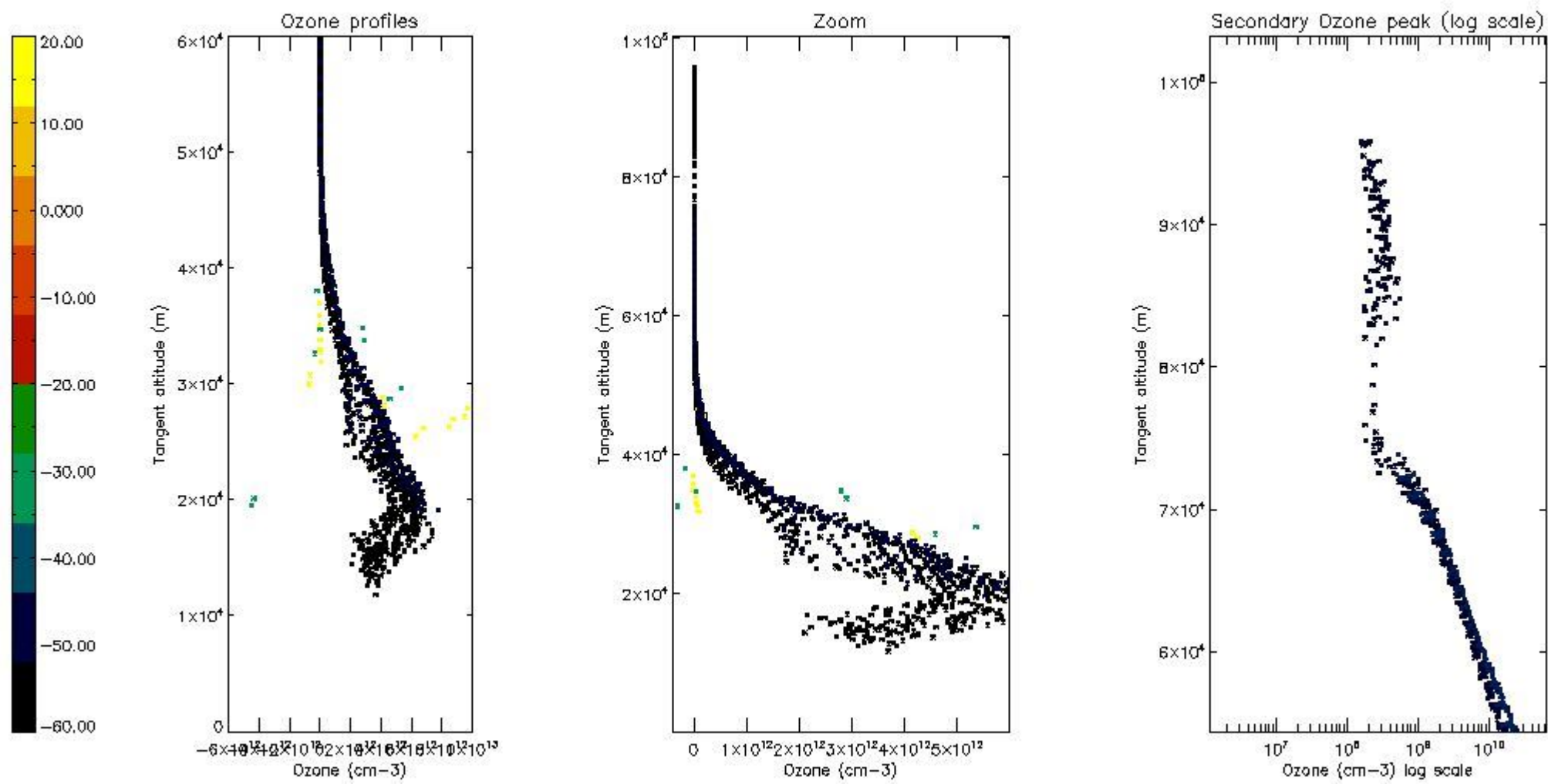
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



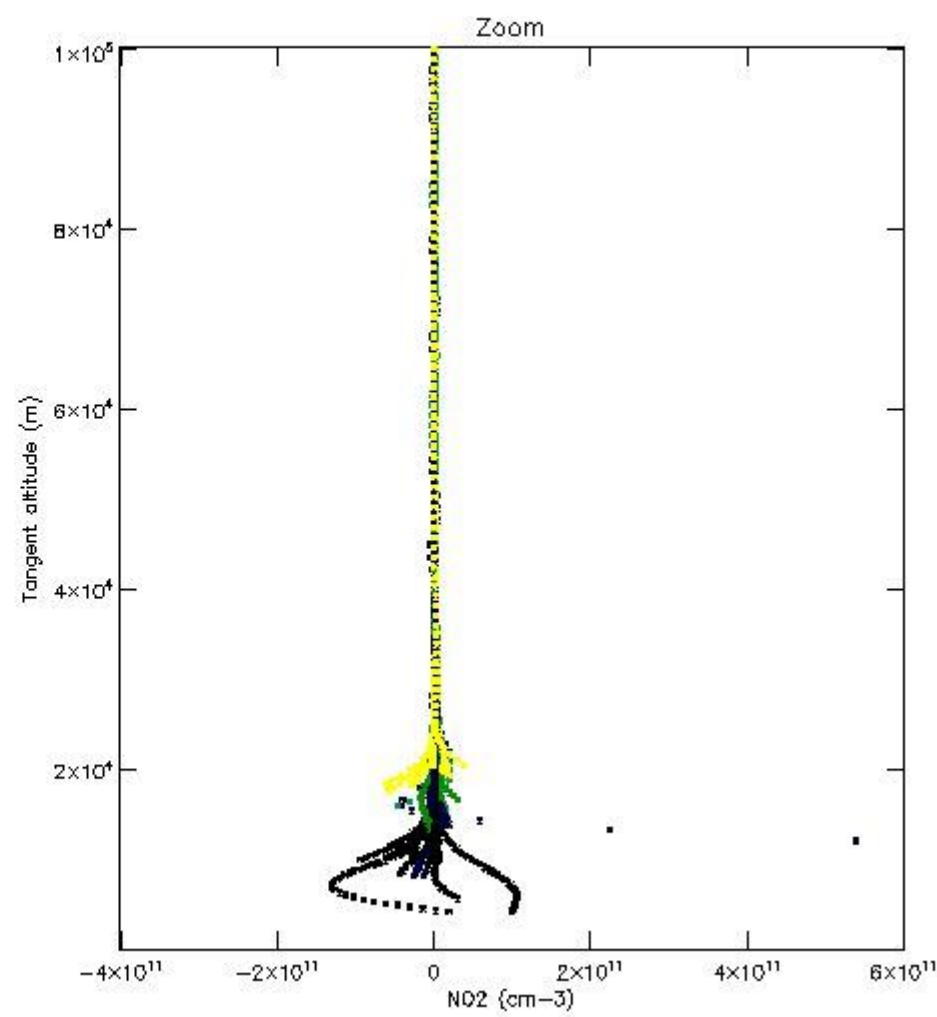
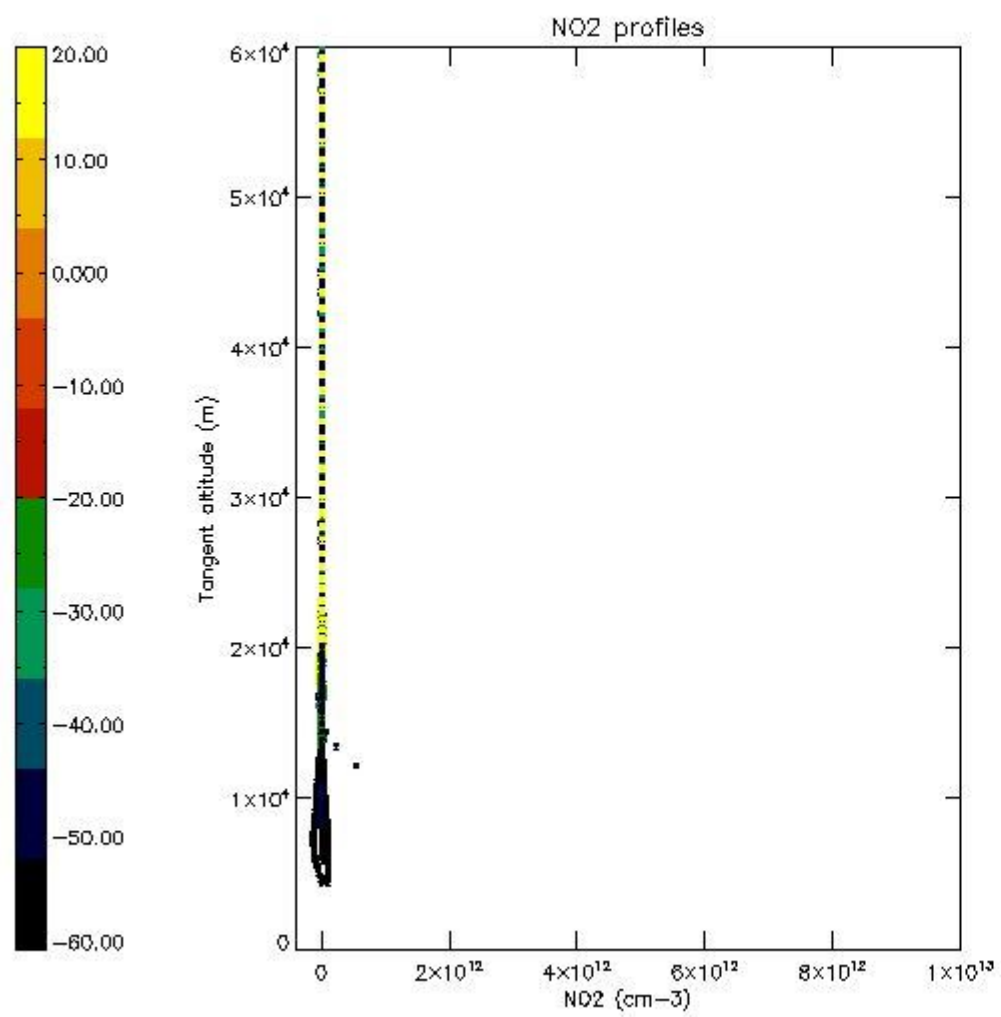
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



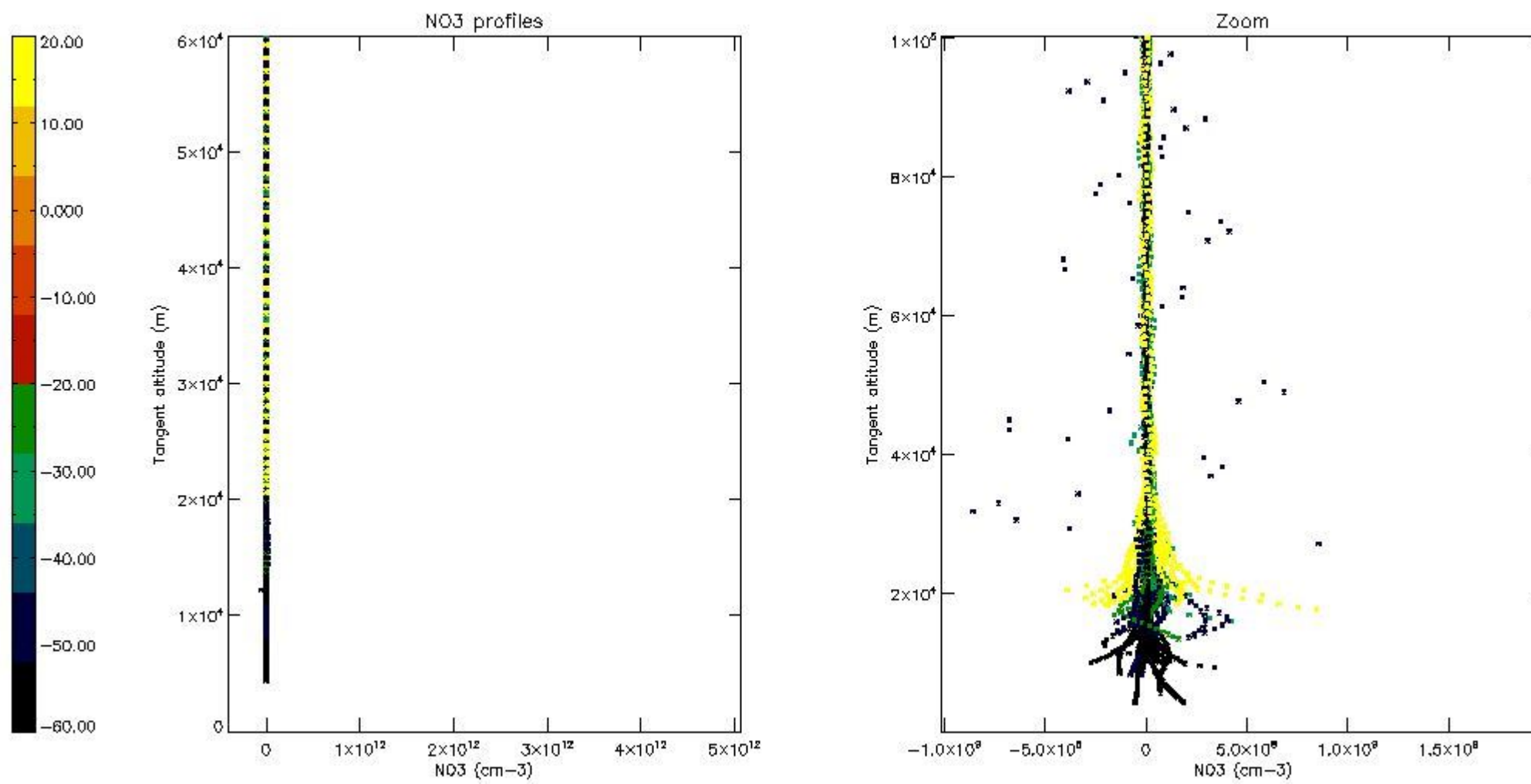
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



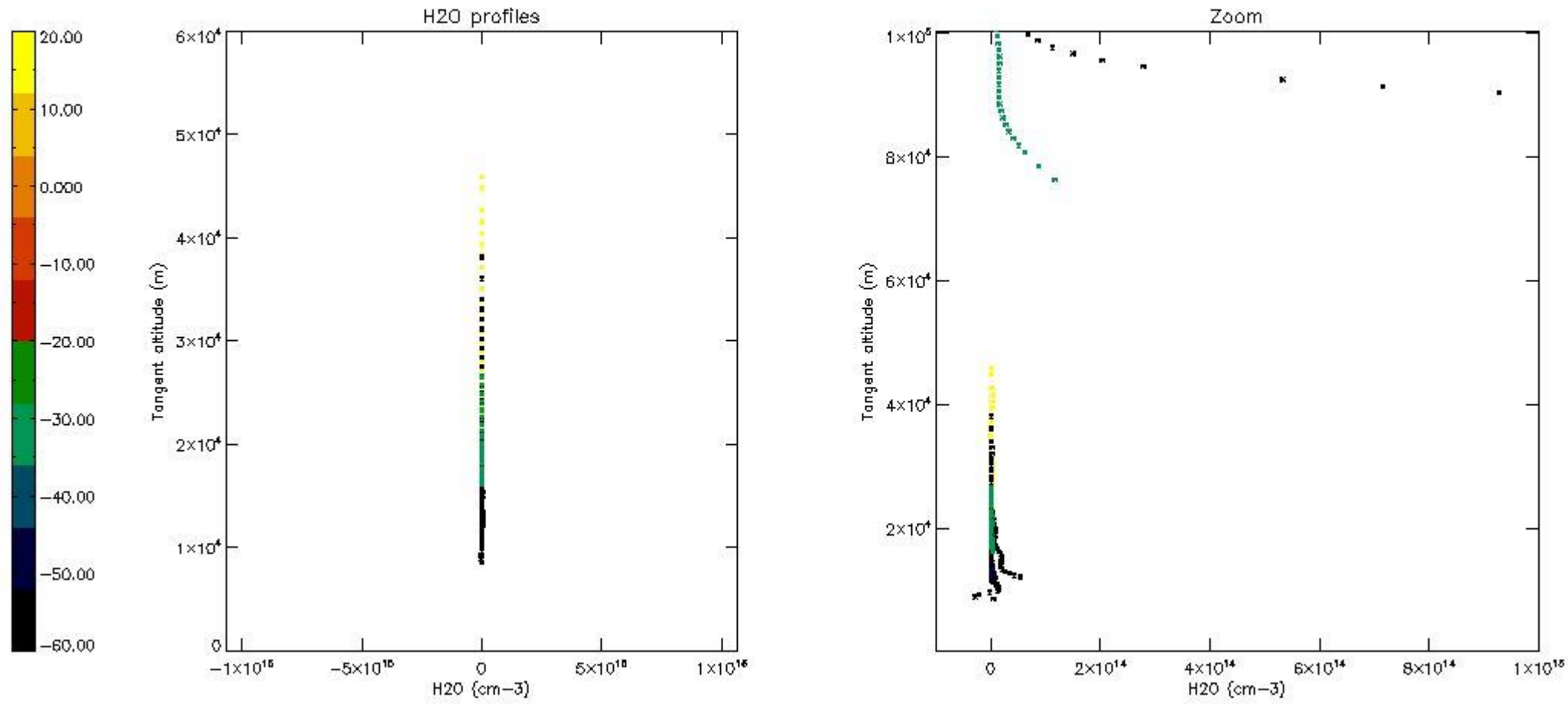
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

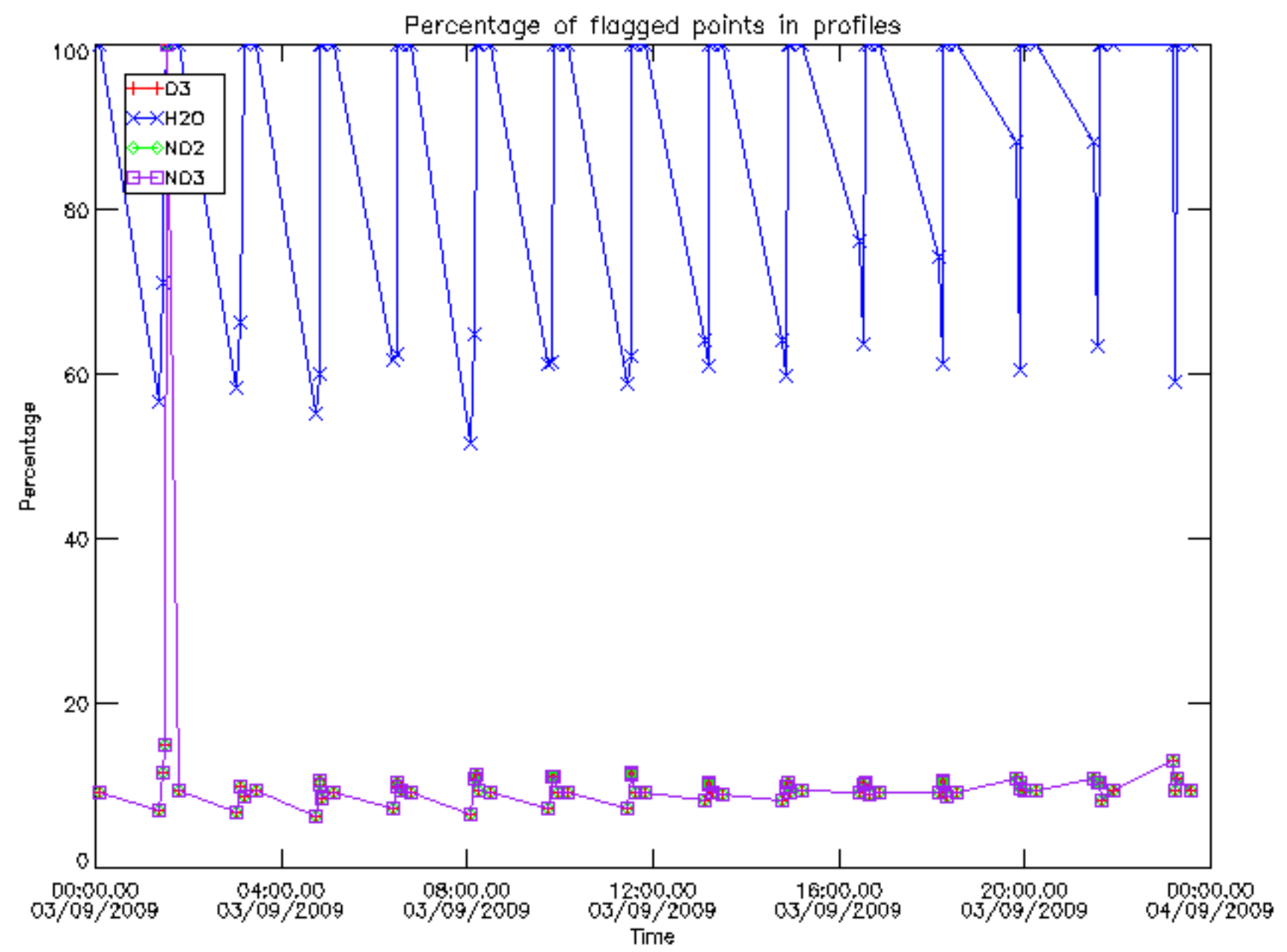
The colorbar represents the latitude.



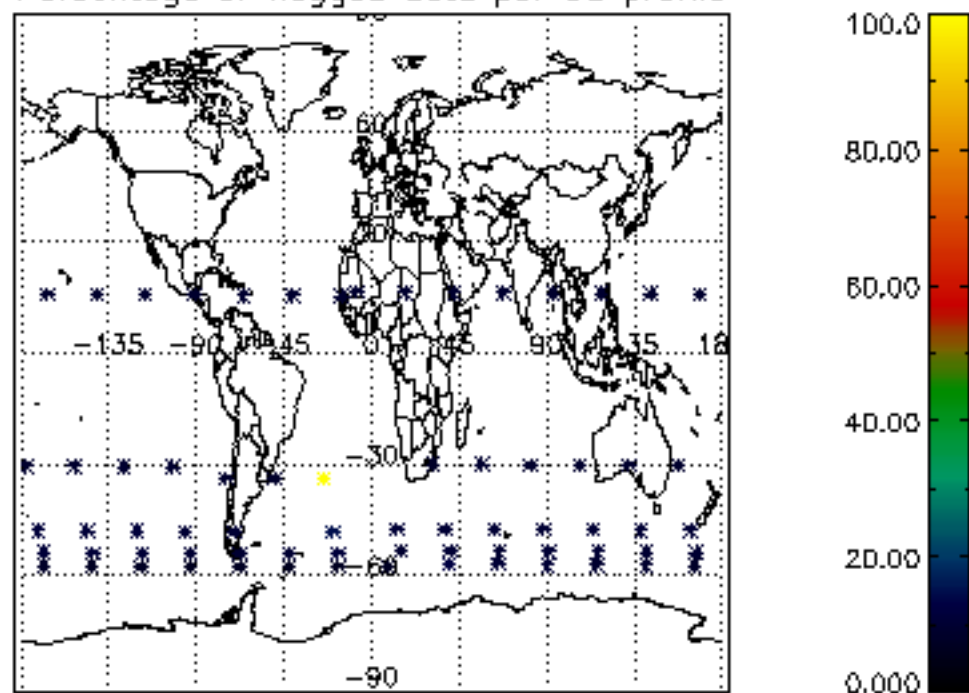
6. Auxiliary Data Files used for the production reported in section 2

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.

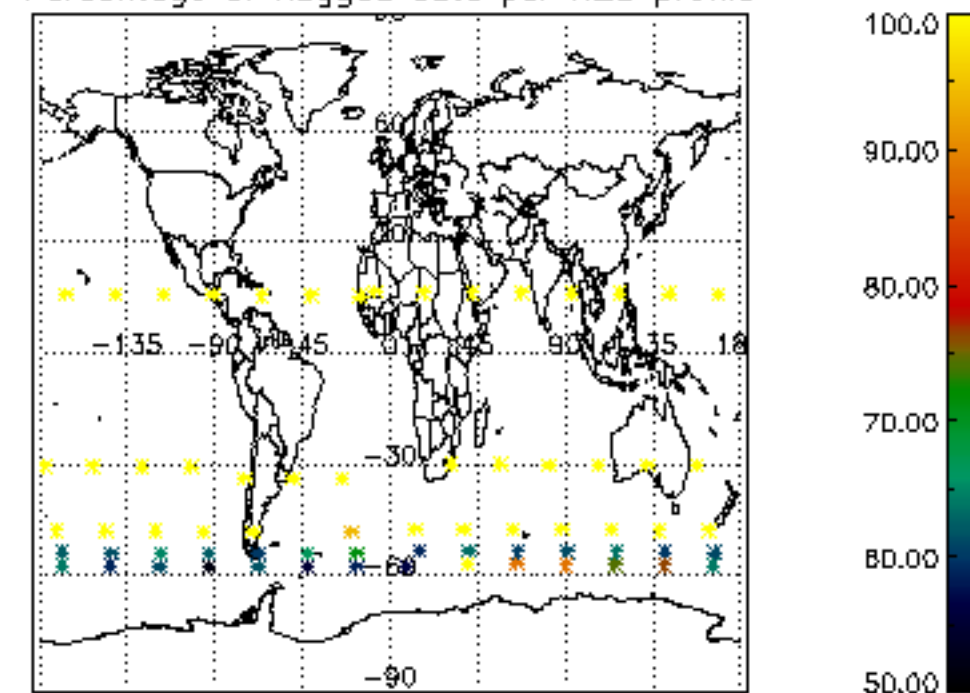
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-SEP-2009 00:06:00
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-SEP-2009 00:06:00
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-SEP-2009 00:06:00



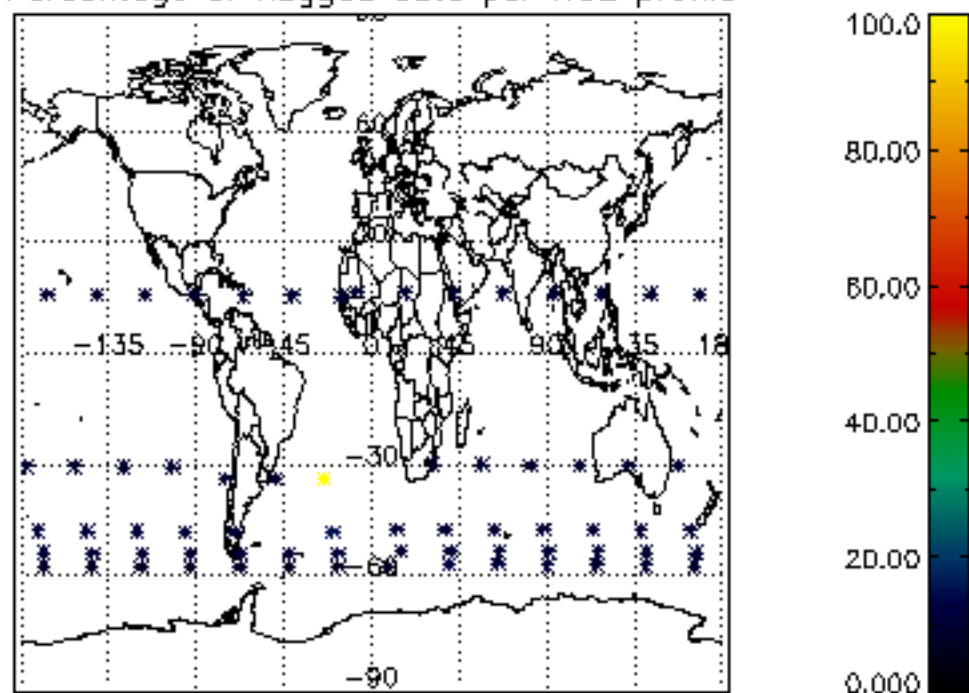
Percentage of flagged data per D3 profile



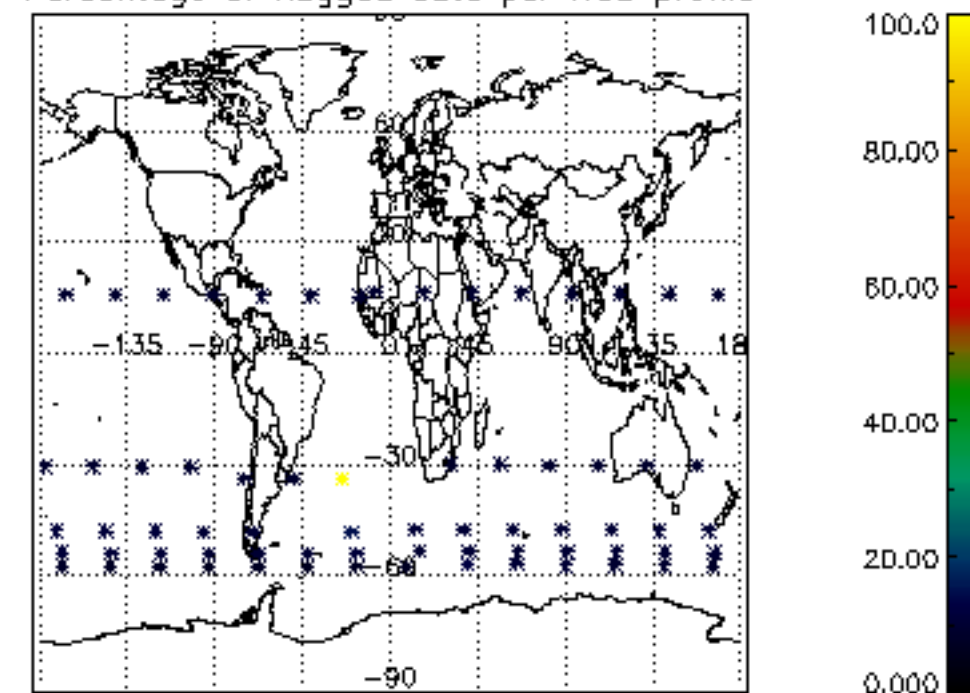
Percentage of flagged data per H2O profile

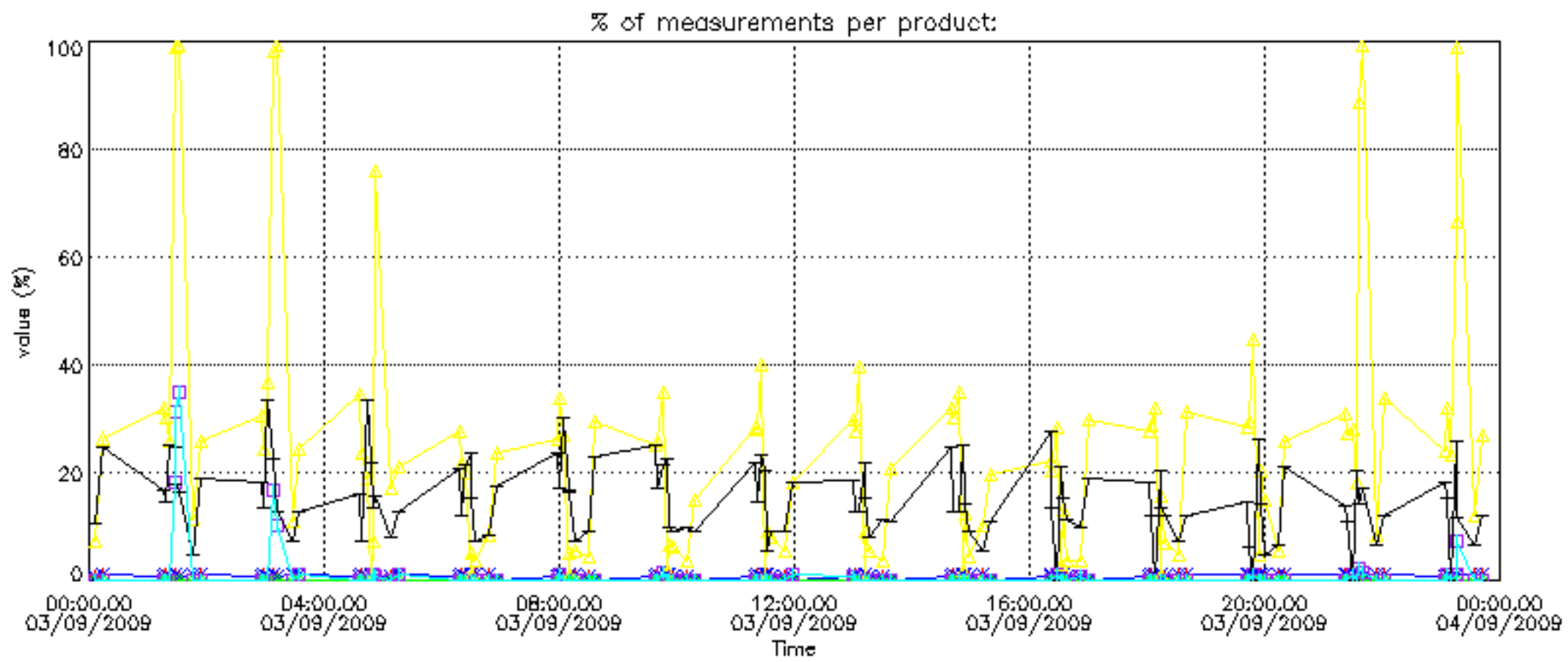
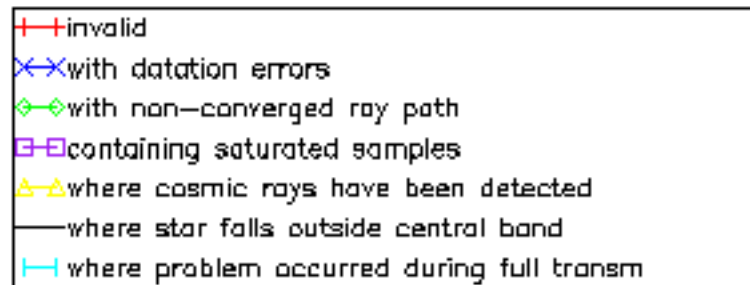


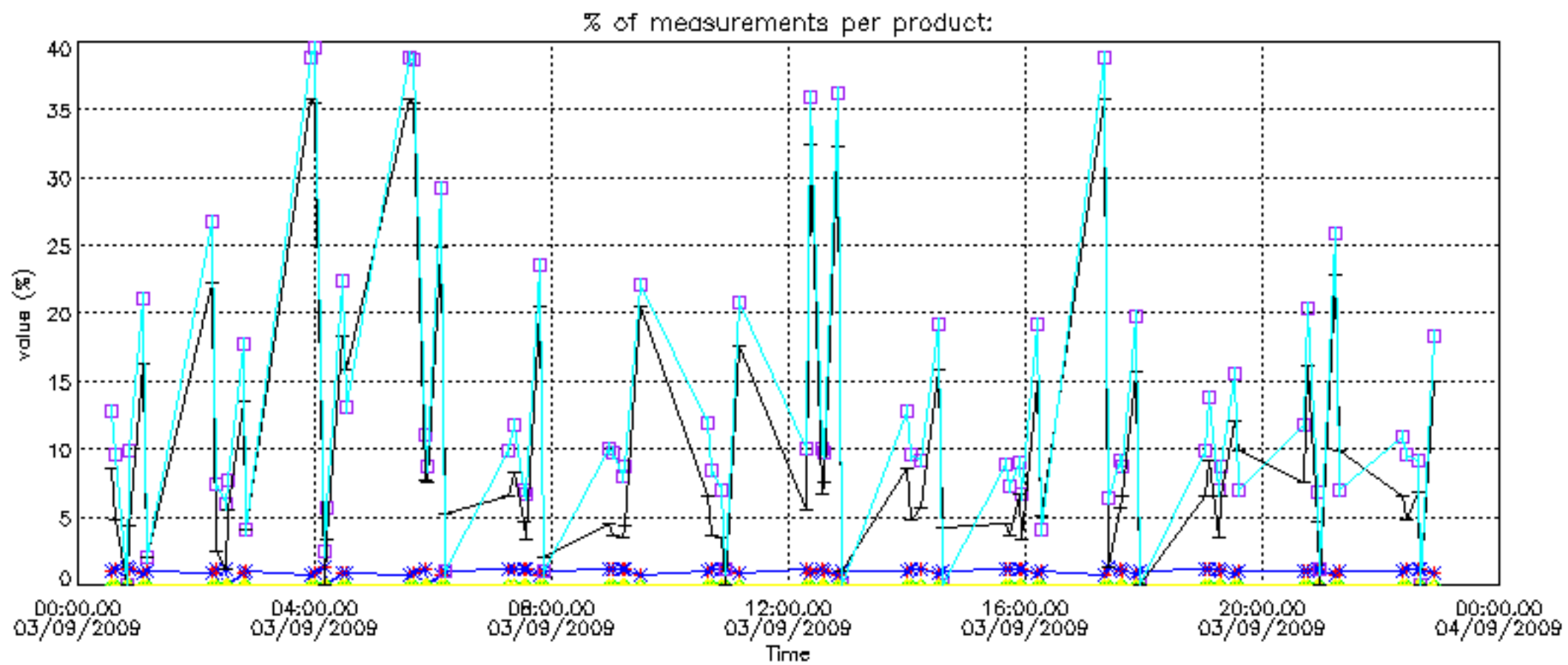
Percentage of flagged data per NO2 profile



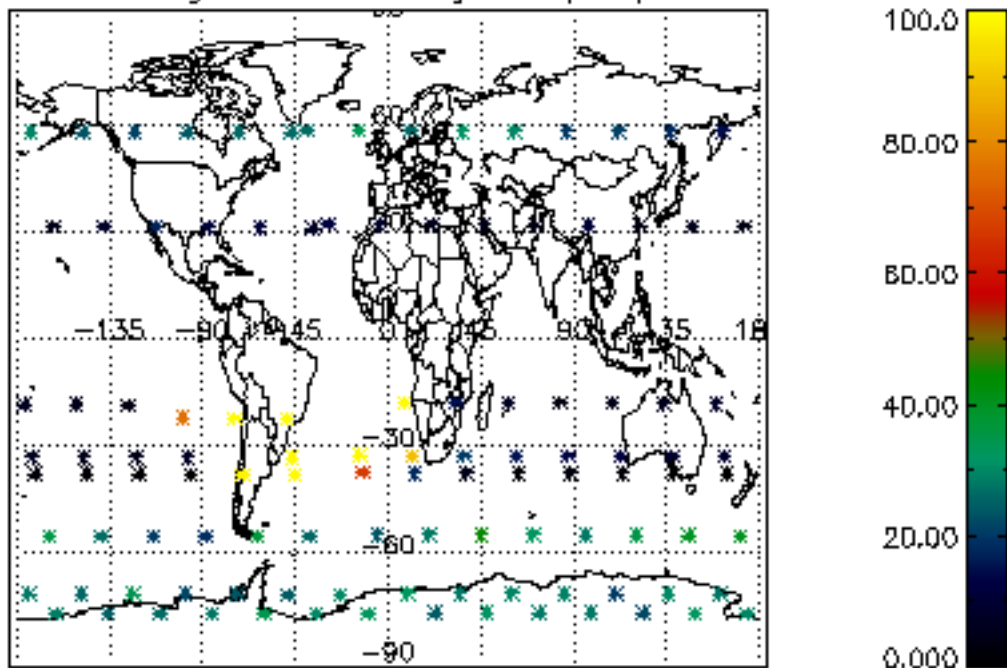
Percentage of flagged data per NO3 profile



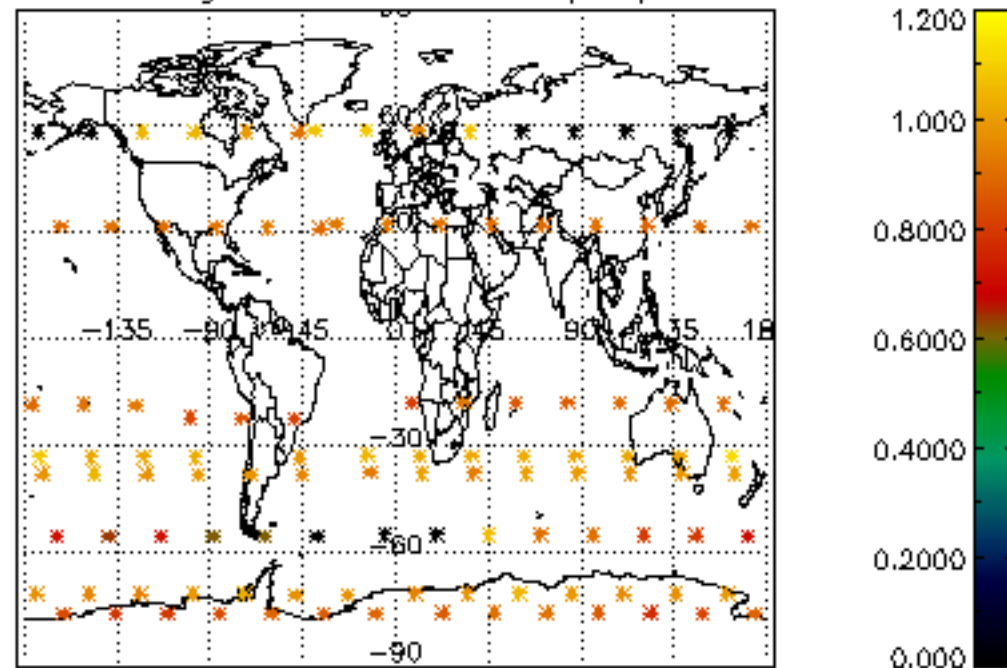




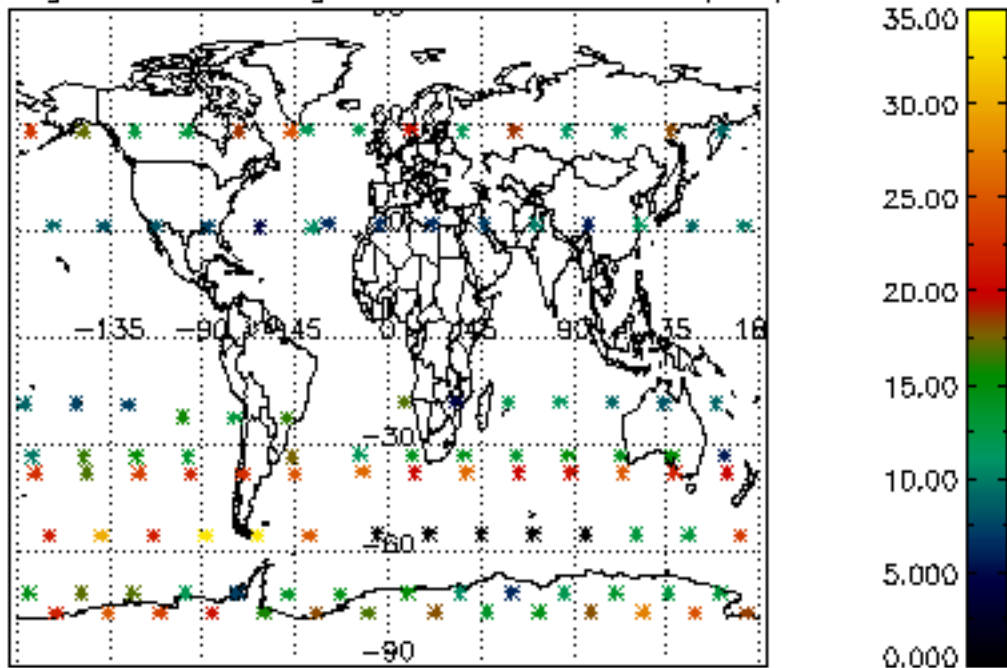
Percentage of cosmic ray hits per profile



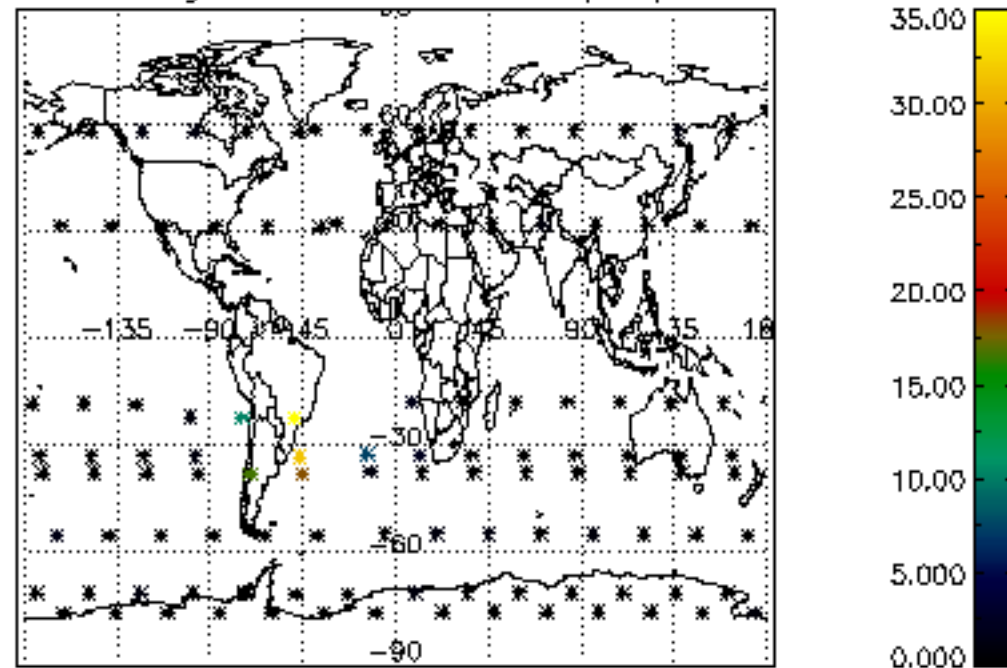
Percentage of datation errors per profile



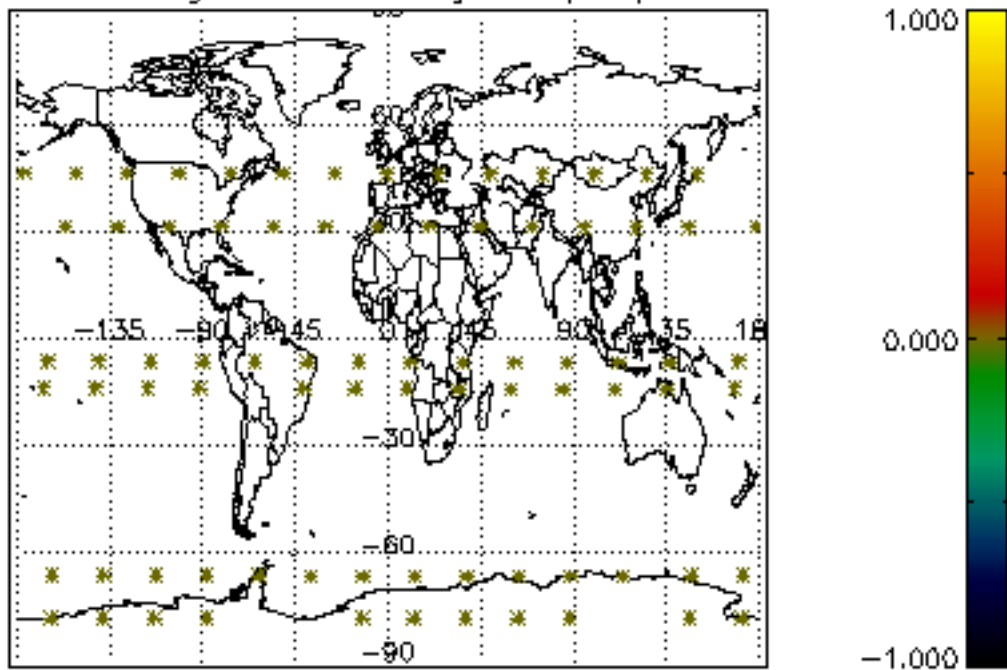
Percentage of star falling outside central band per profile



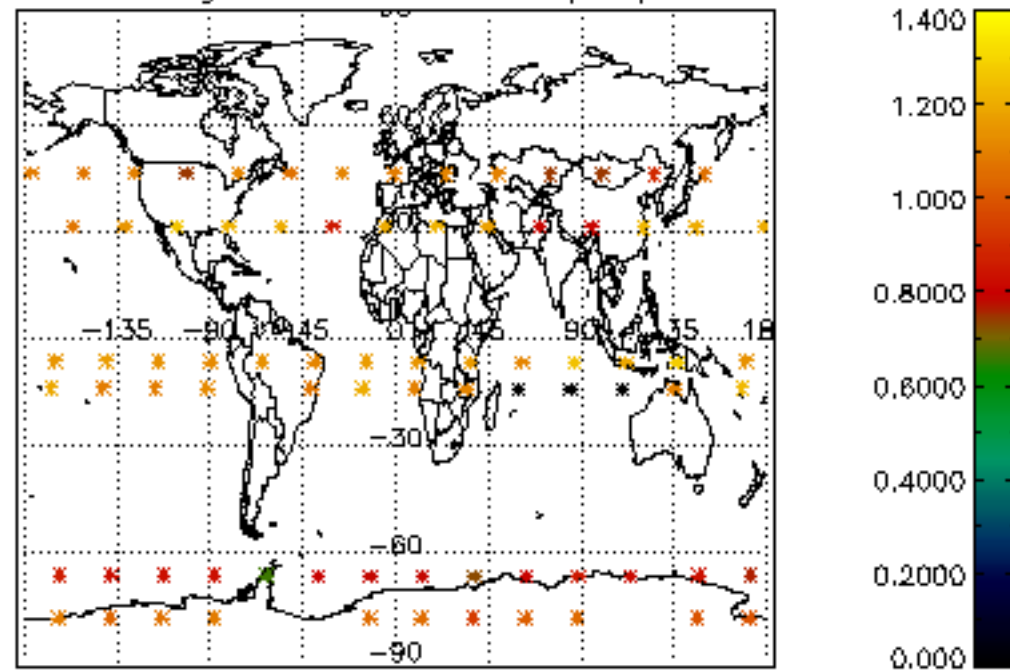
Percentage of saturation errors per profile



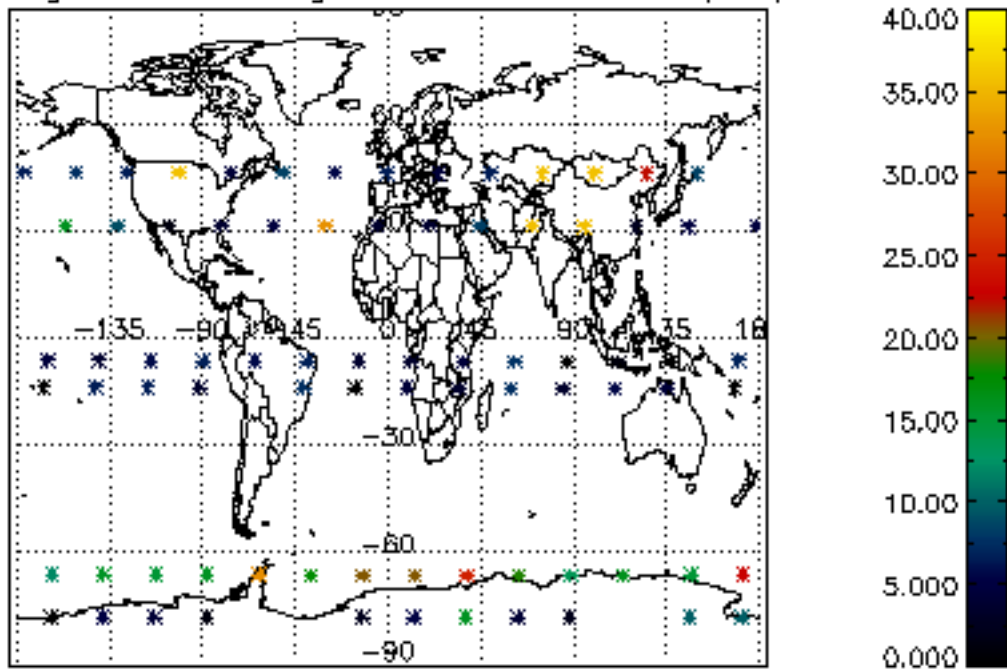
Percentage of cosmic ray hits per profile



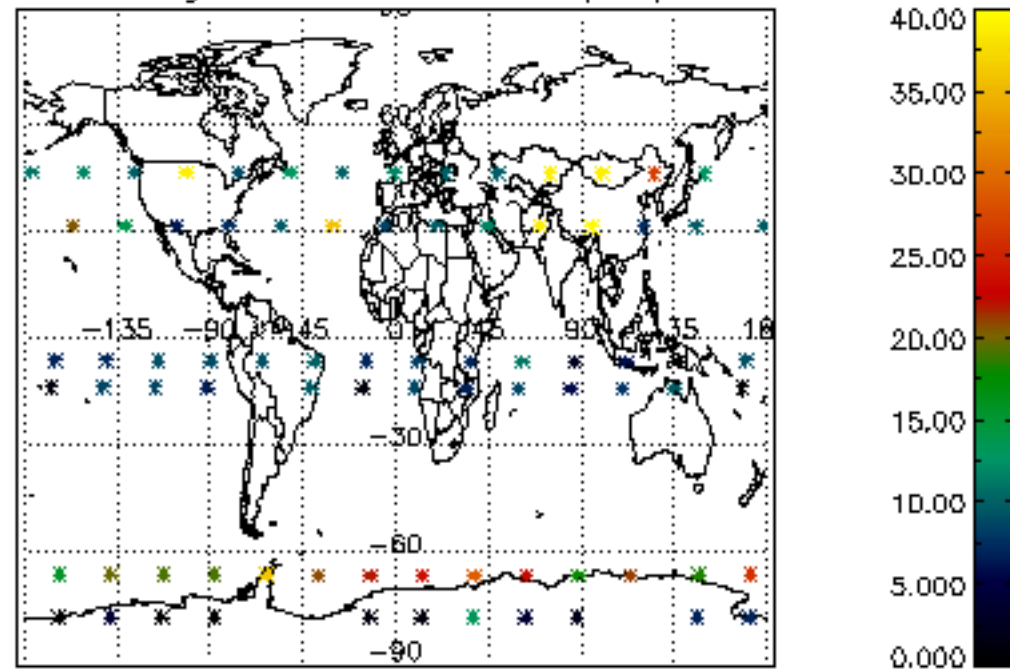
Percentage of datation errors per profile

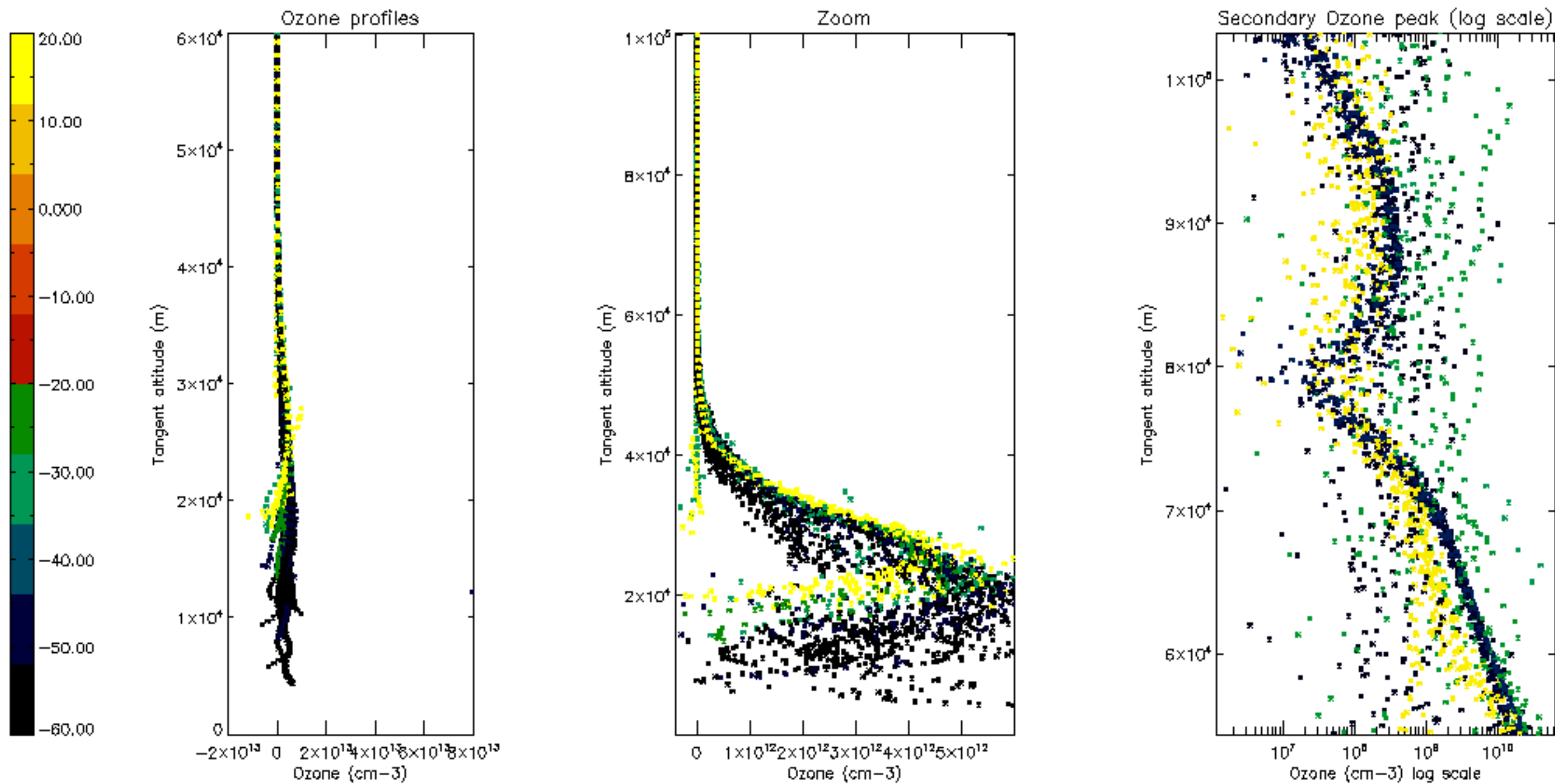


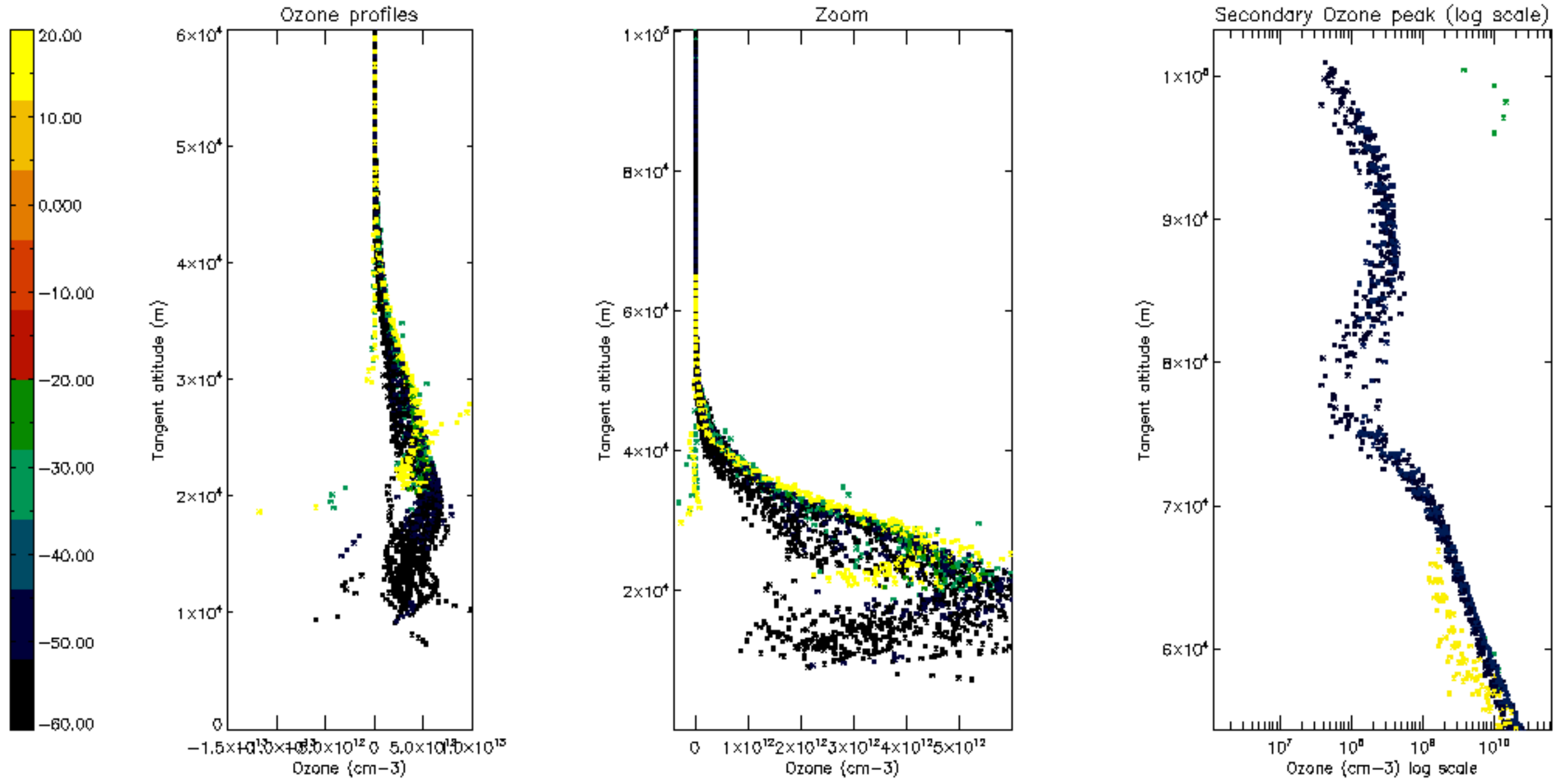
Percentage of star falling outside central band per profile

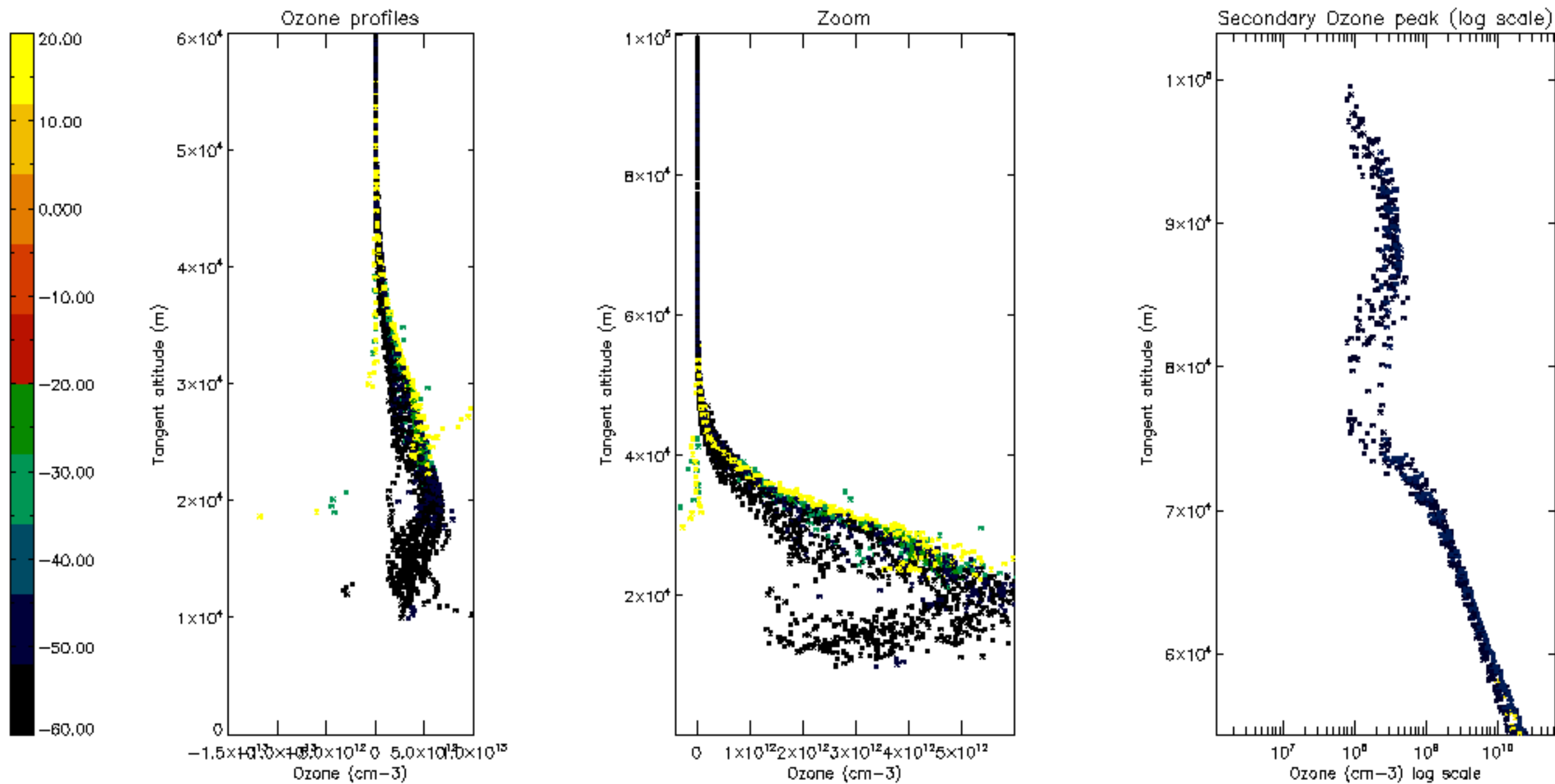


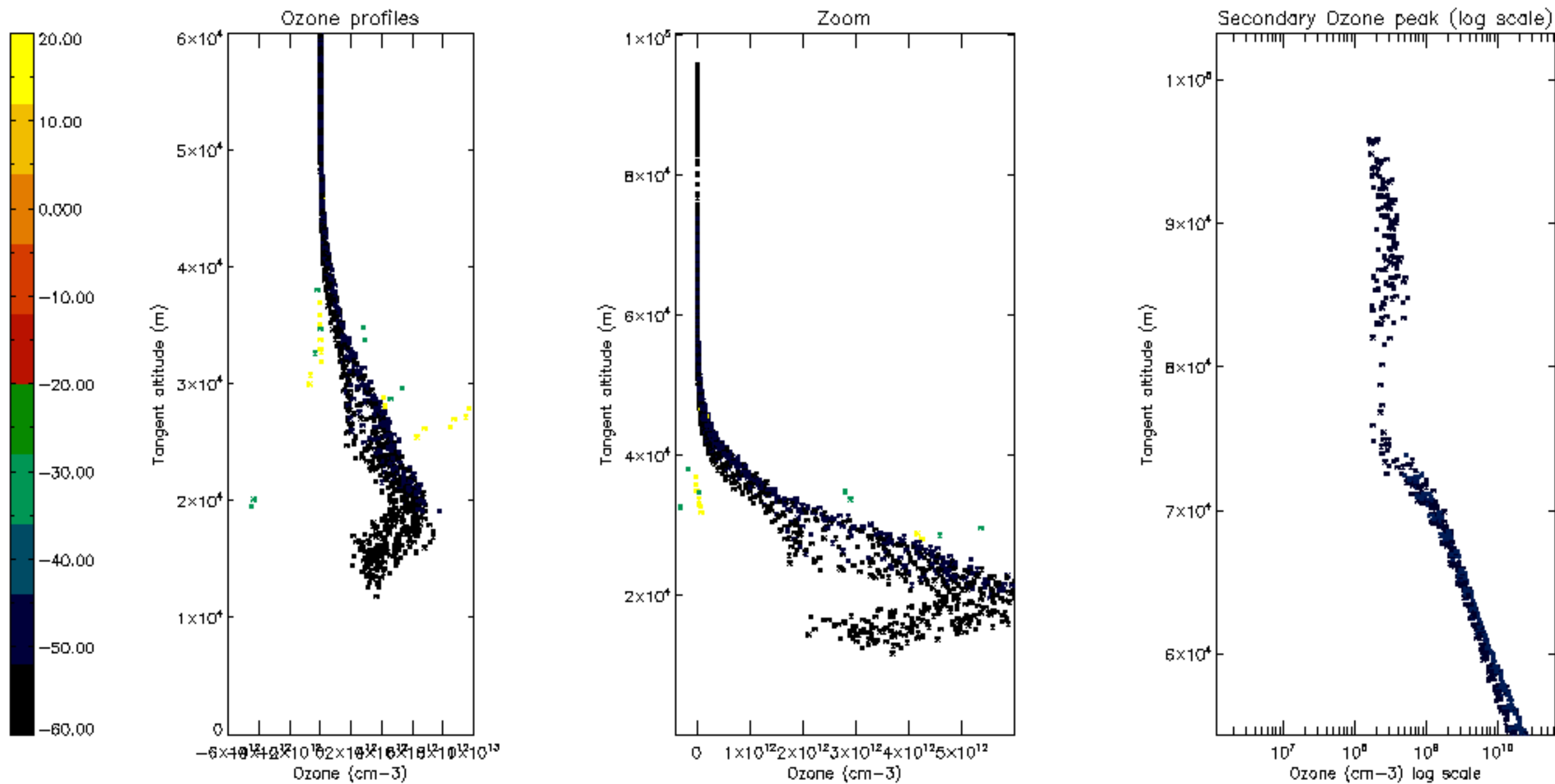
Percentage of saturation errors per profile

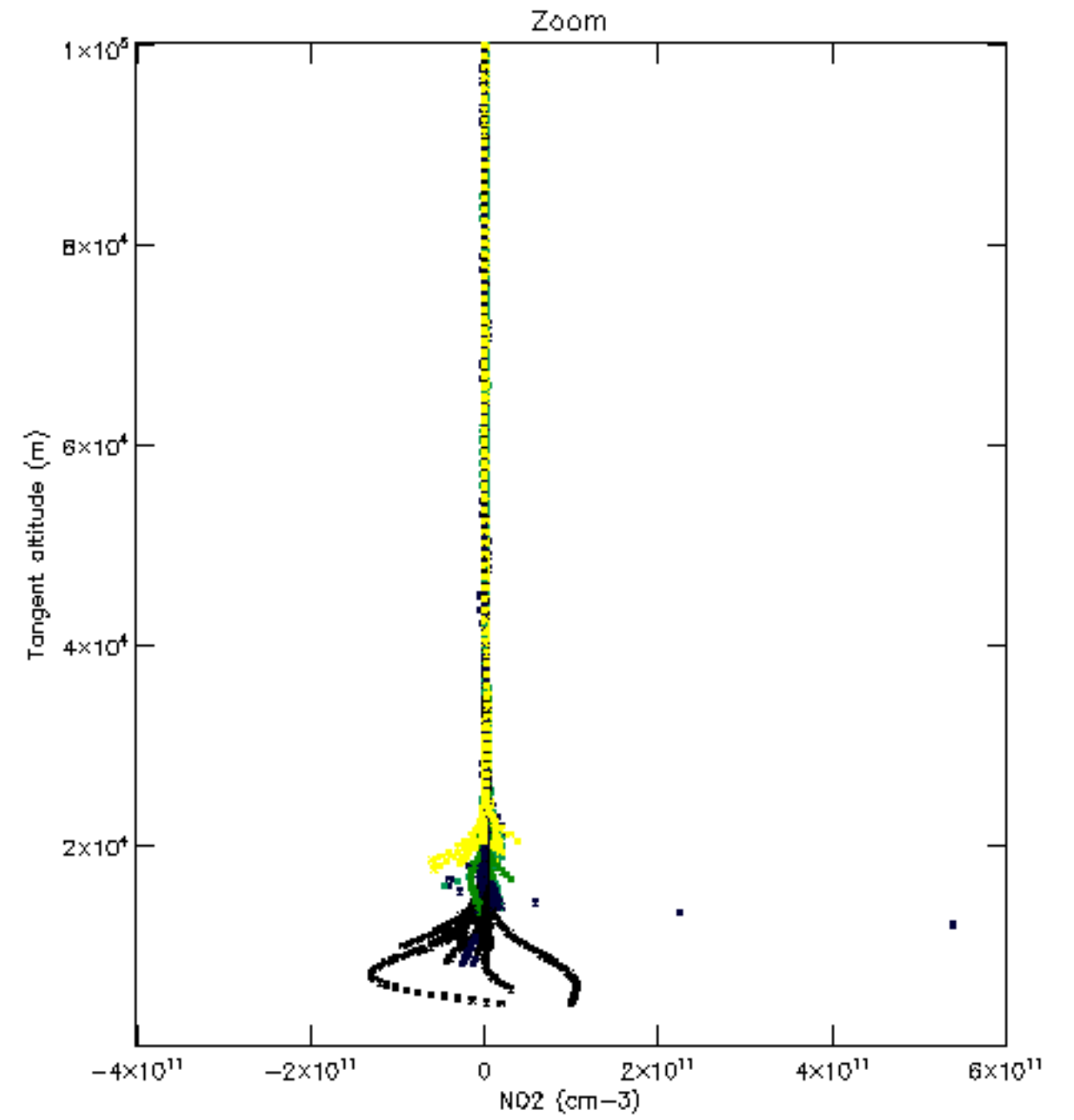
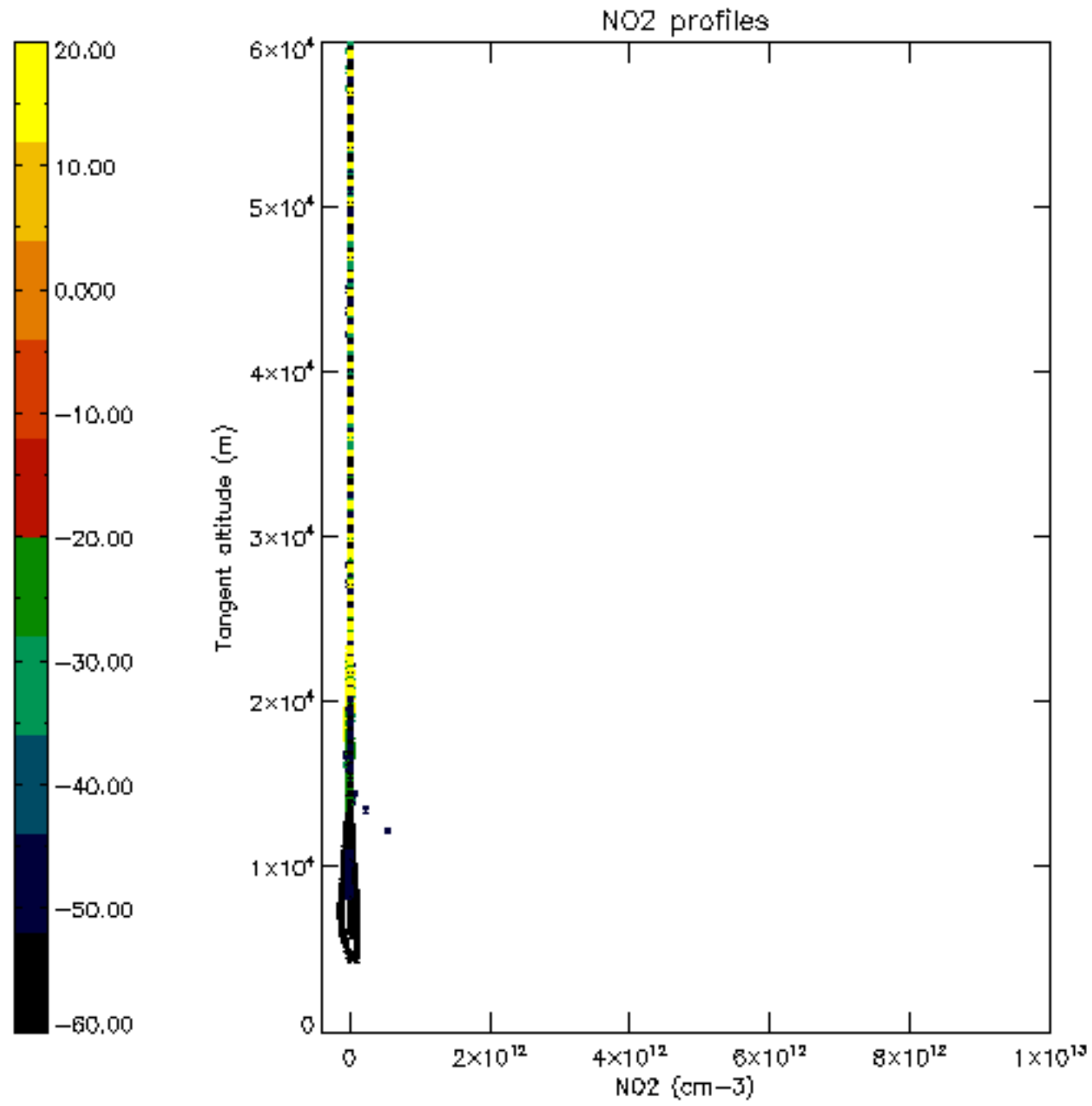


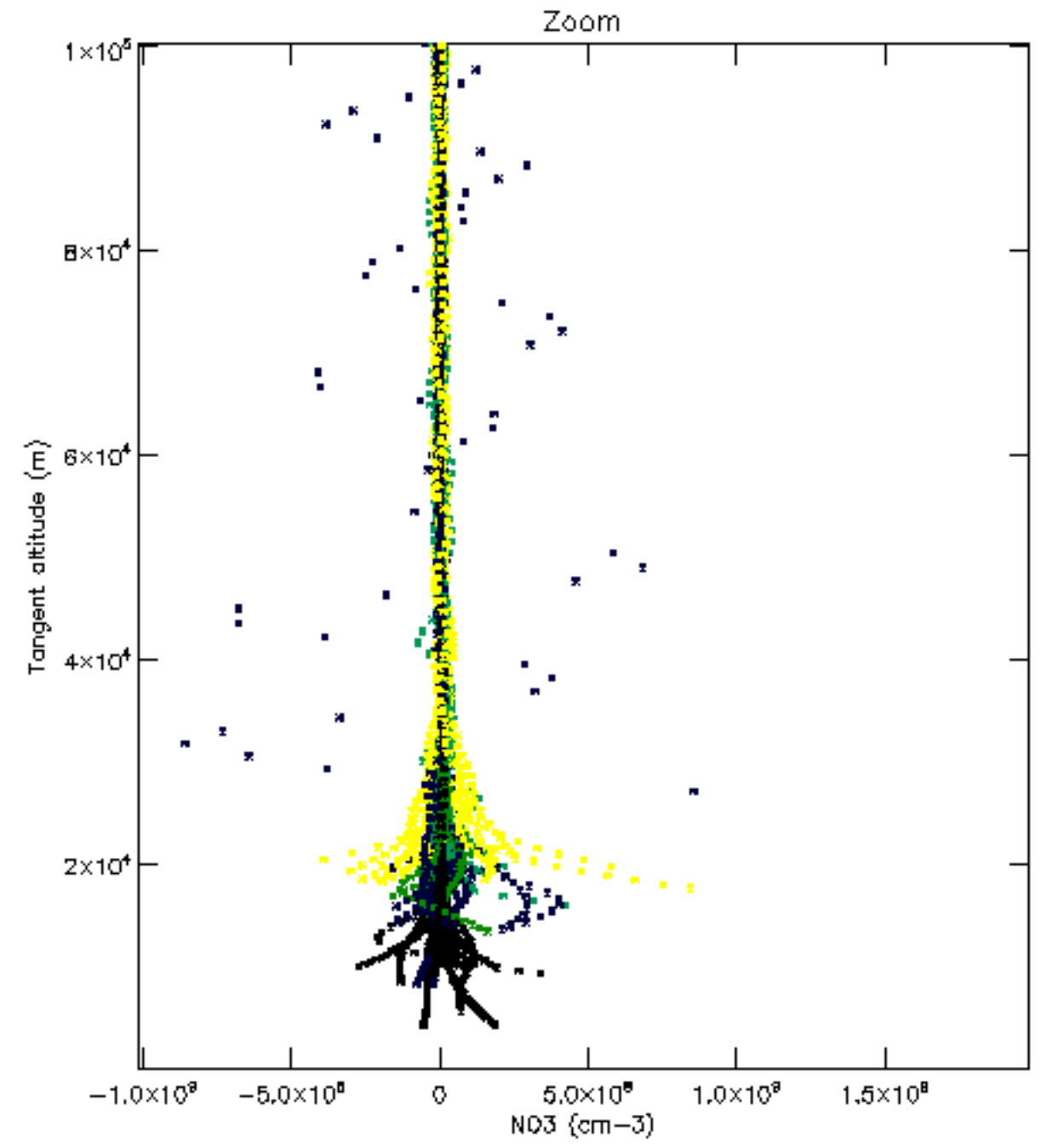
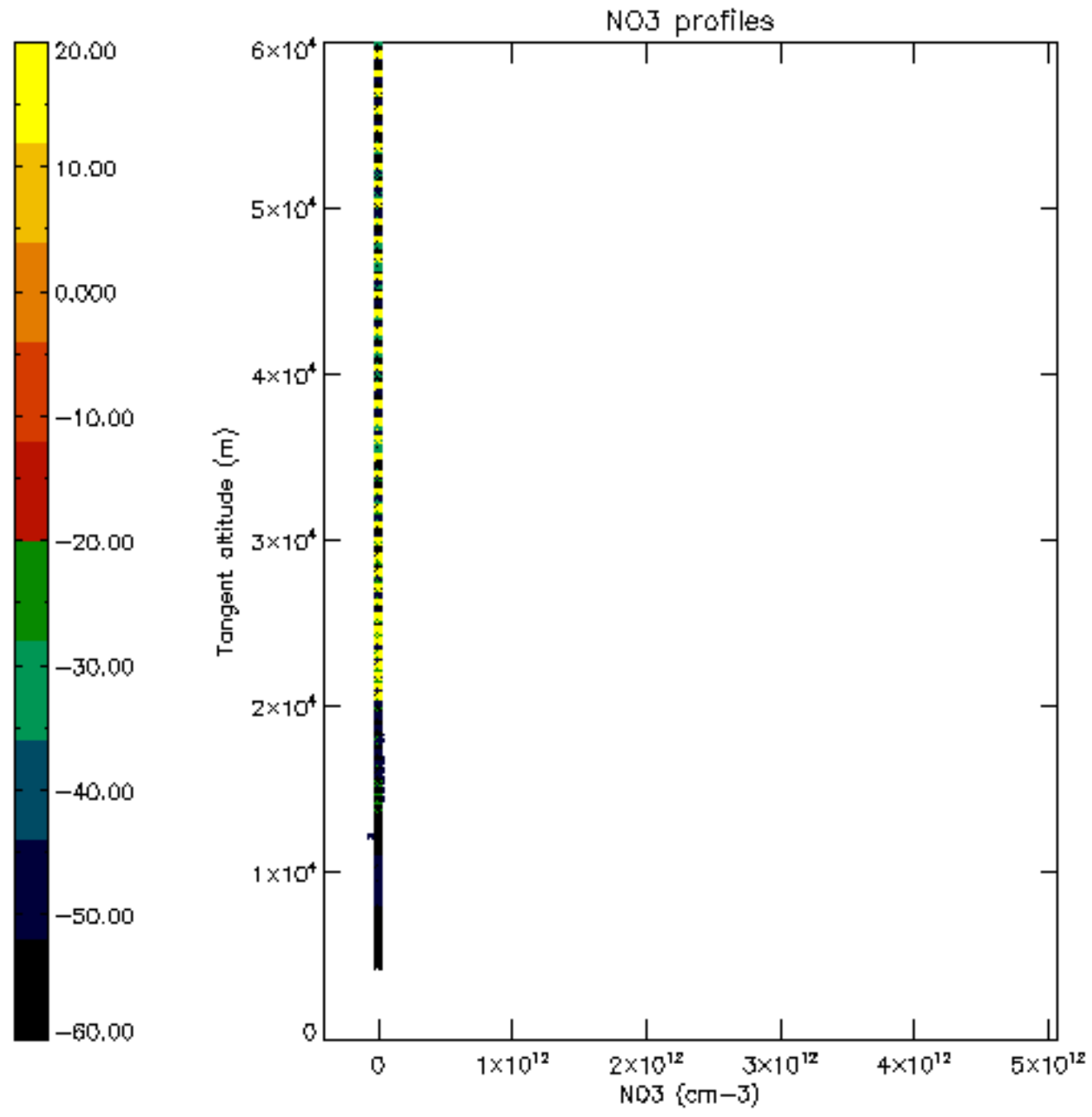


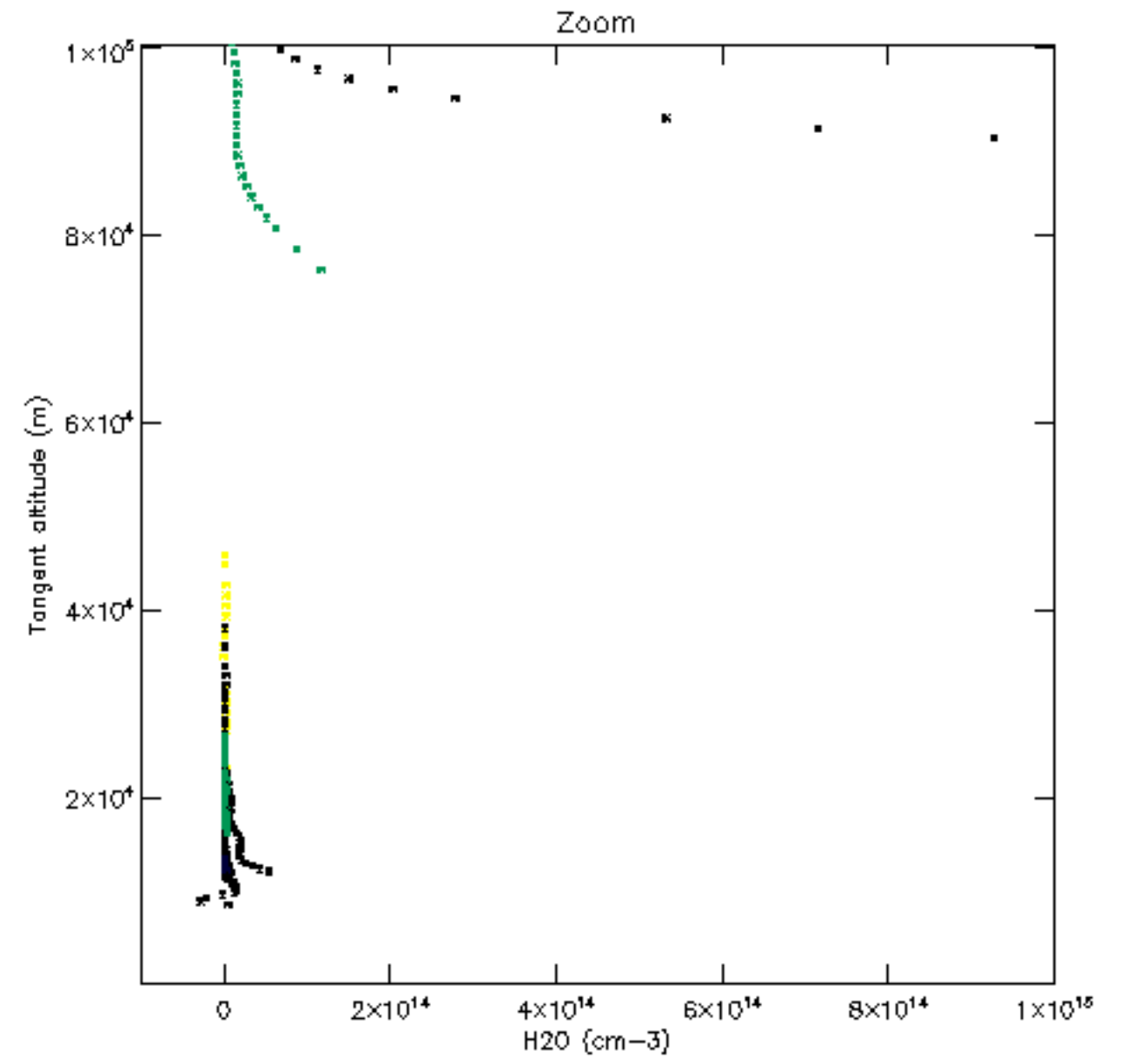
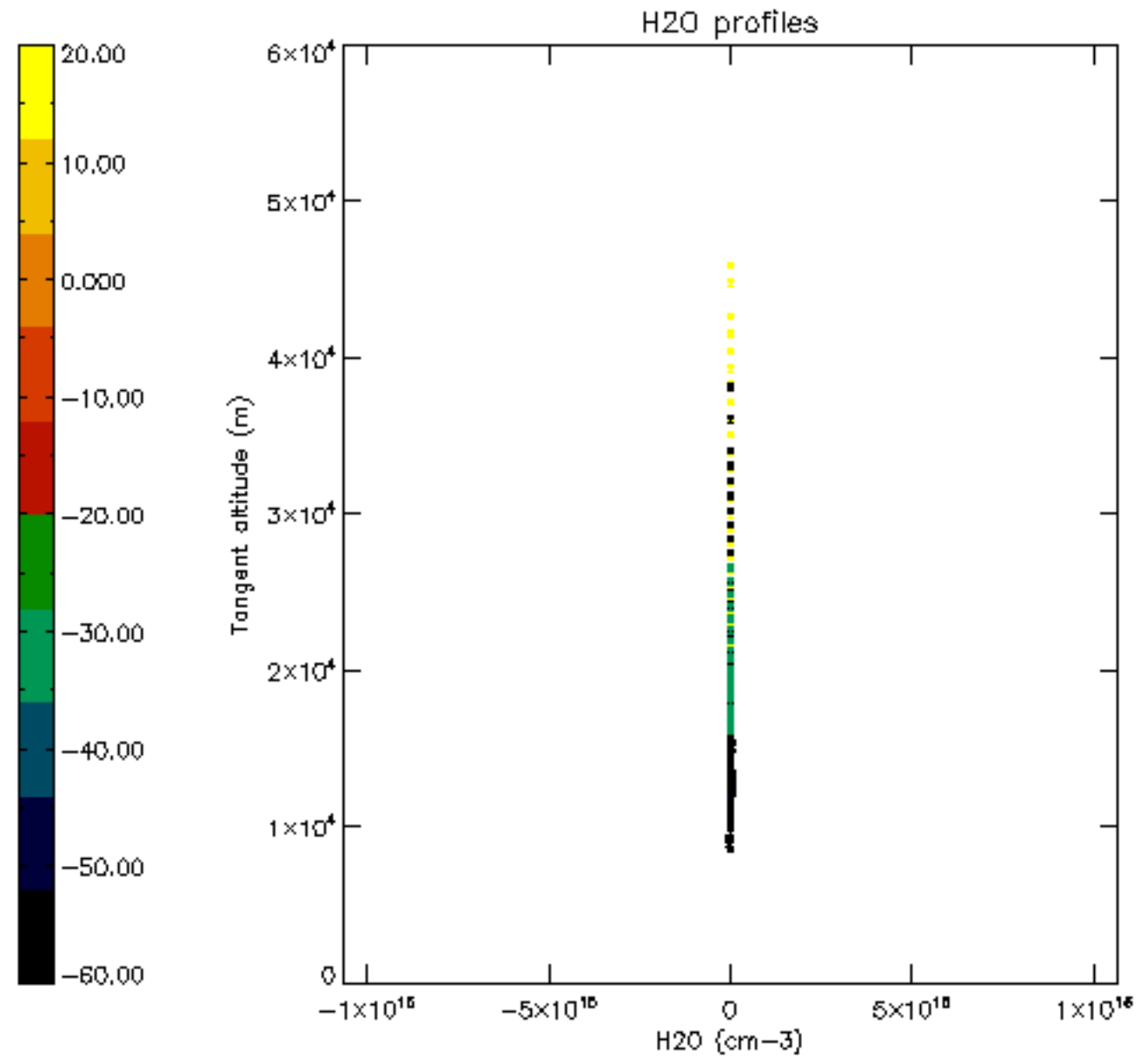


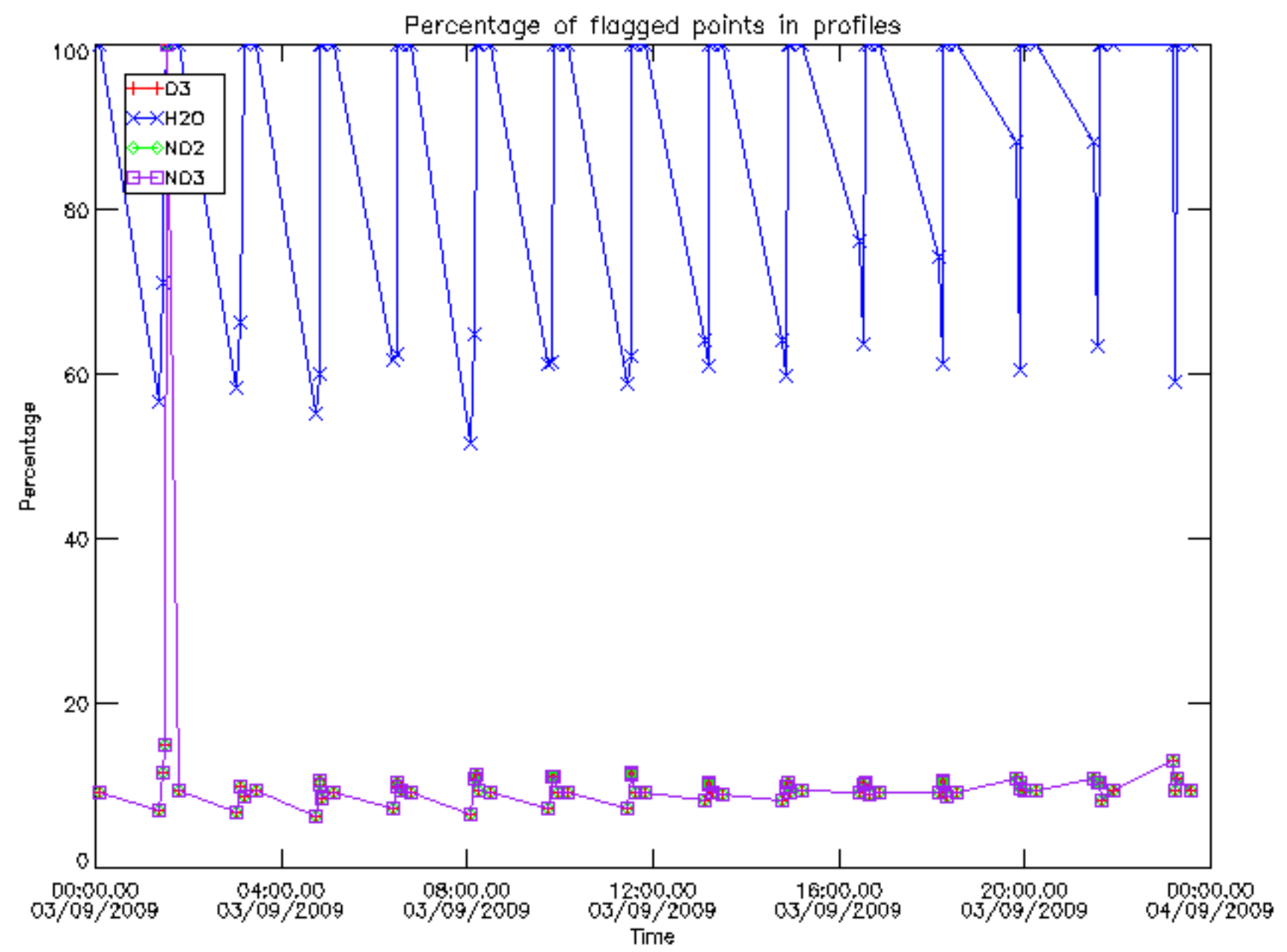




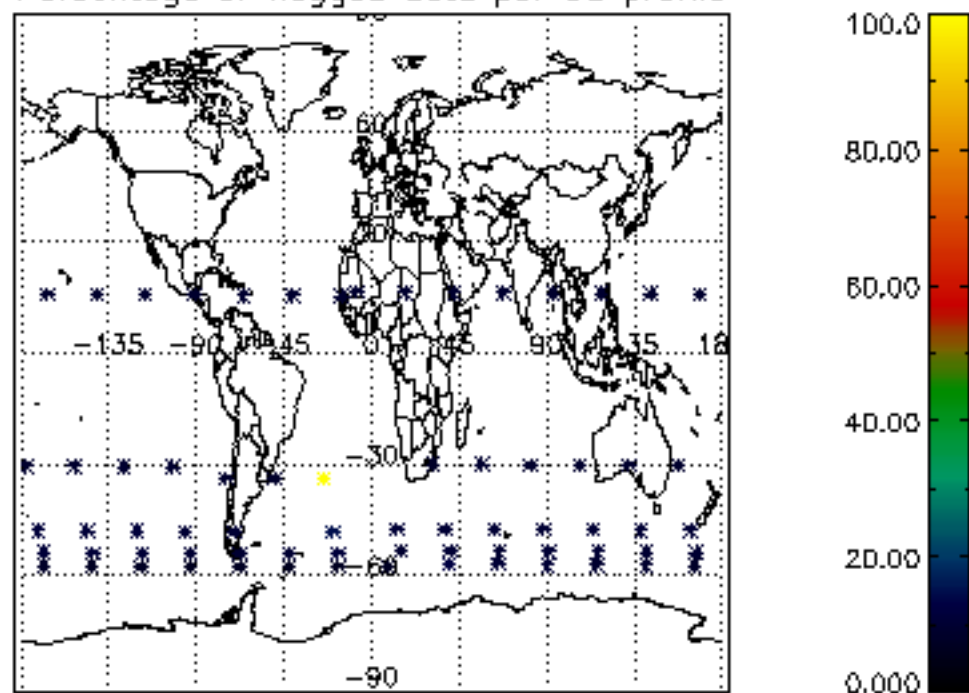




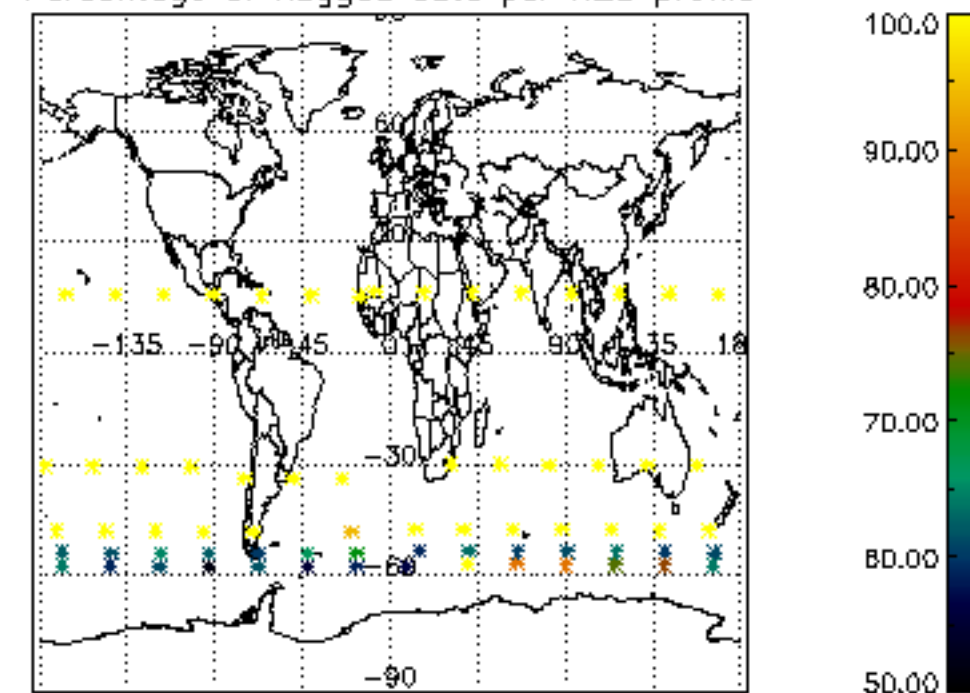




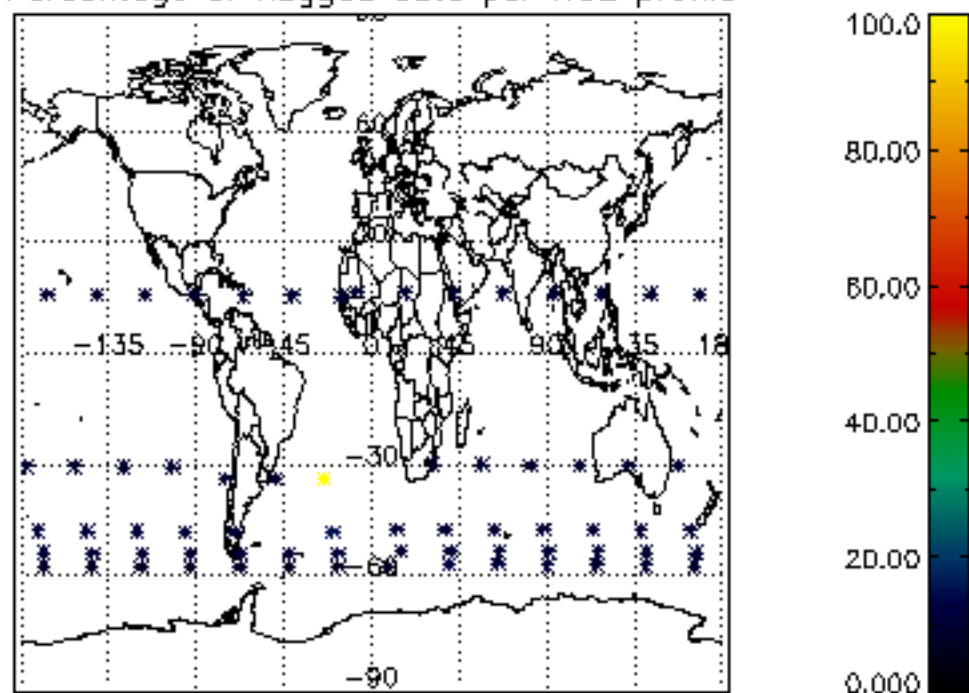
Percentage of flagged data per D3 profile



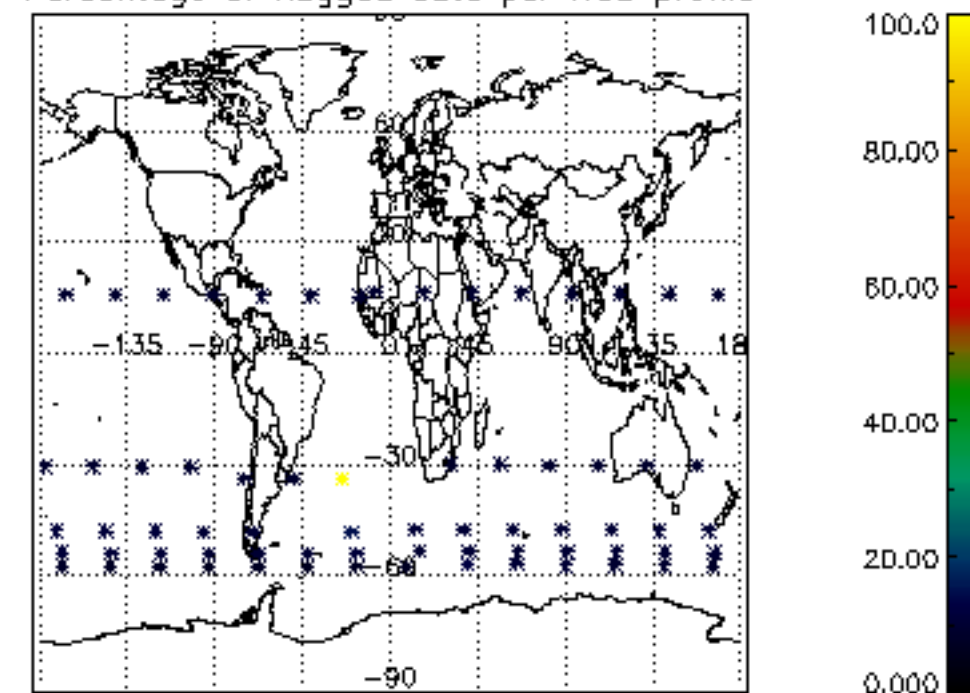
Percentage of flagged data per H2O profile

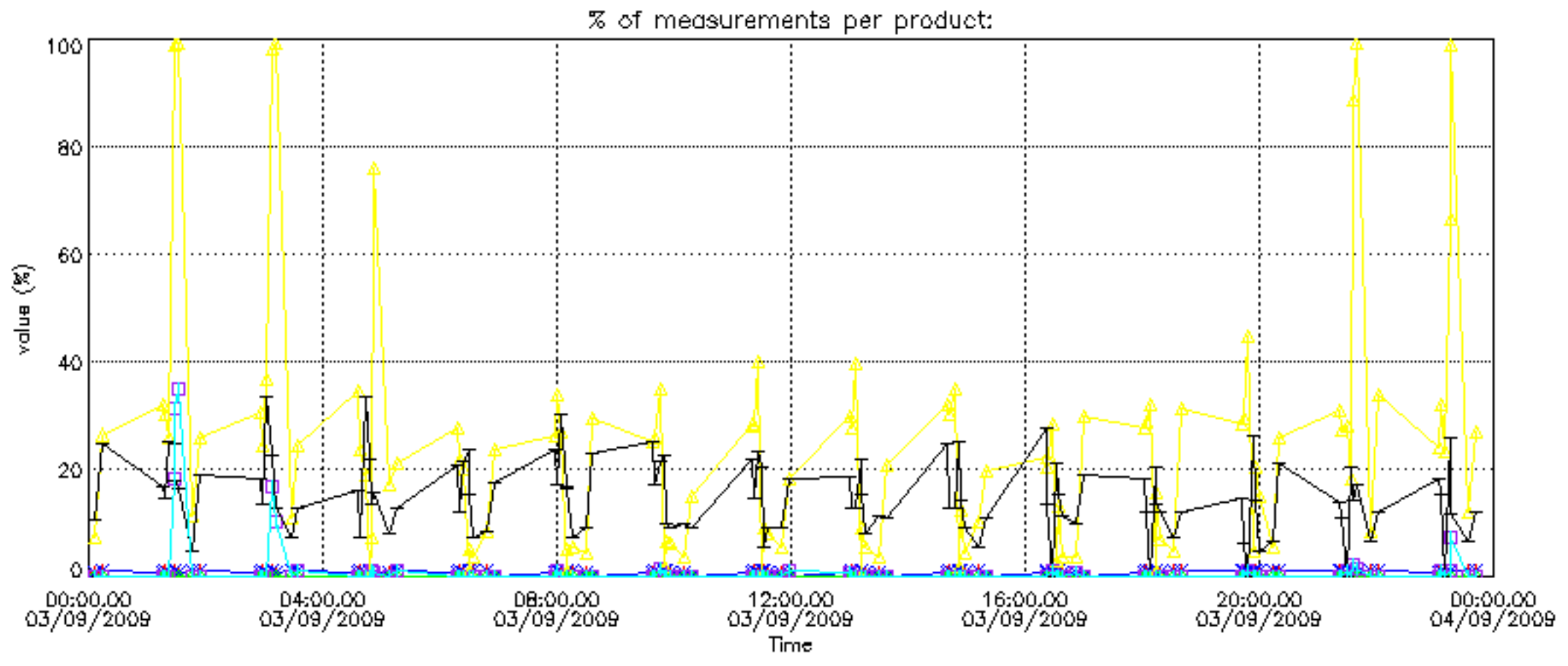


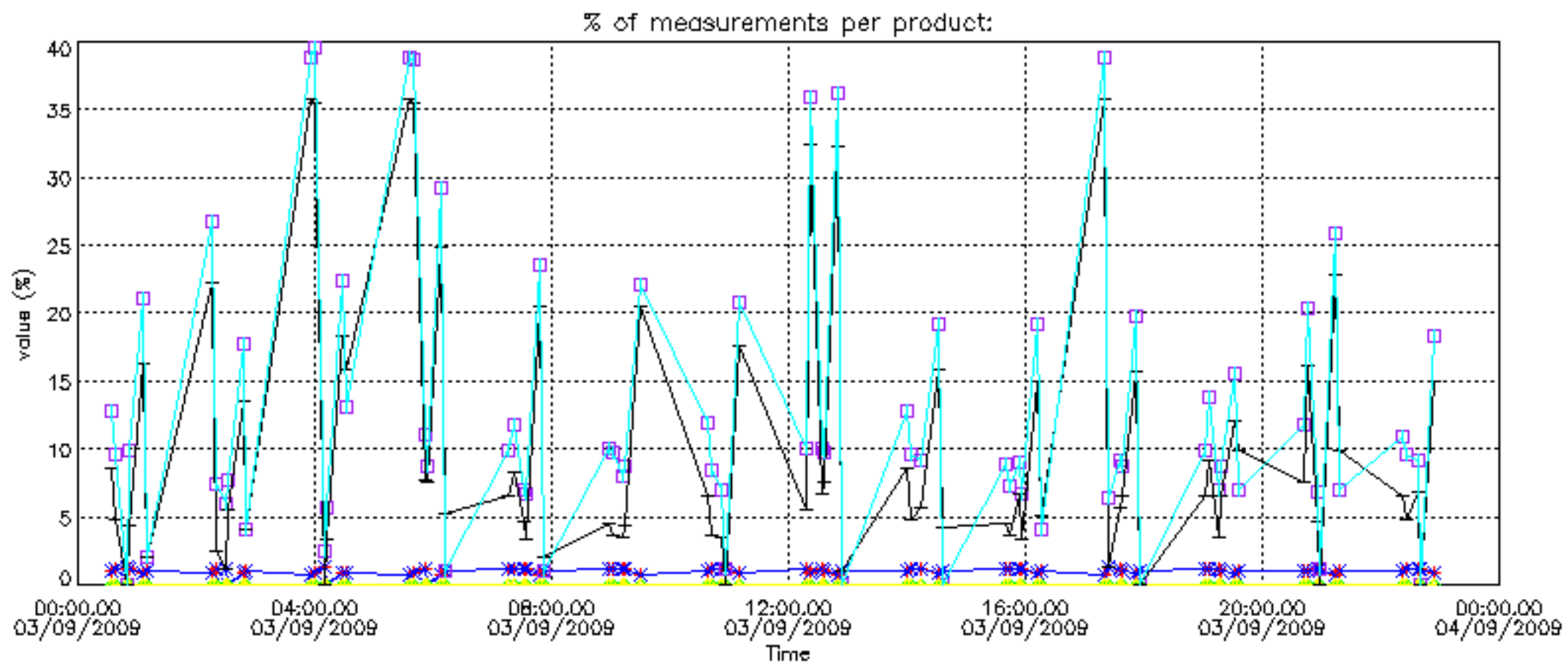
Percentage of flagged data per NO2 profile



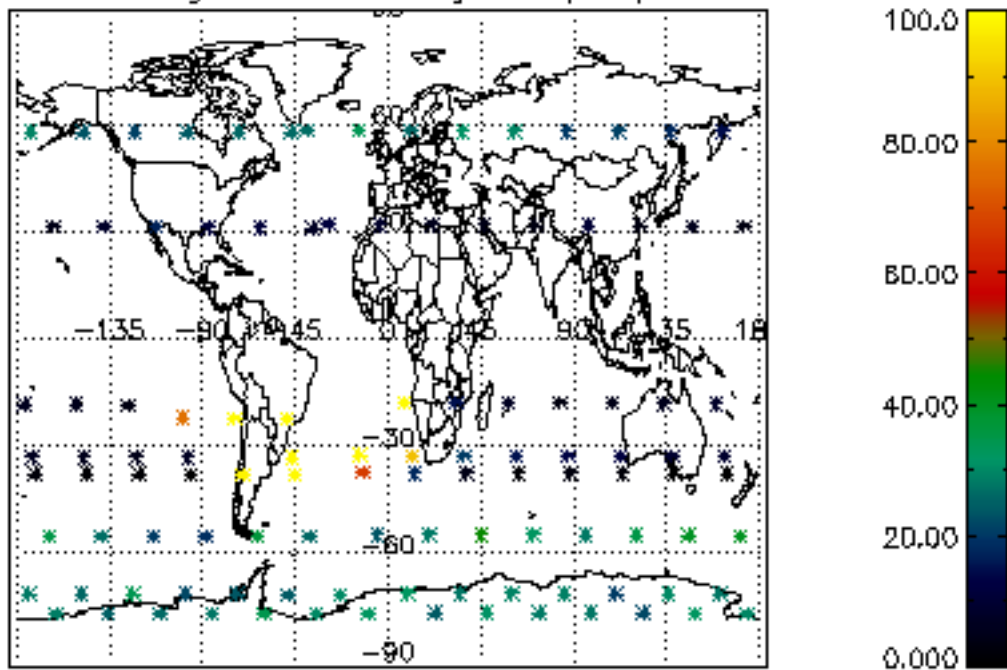
Percentage of flagged data per NO3 profile



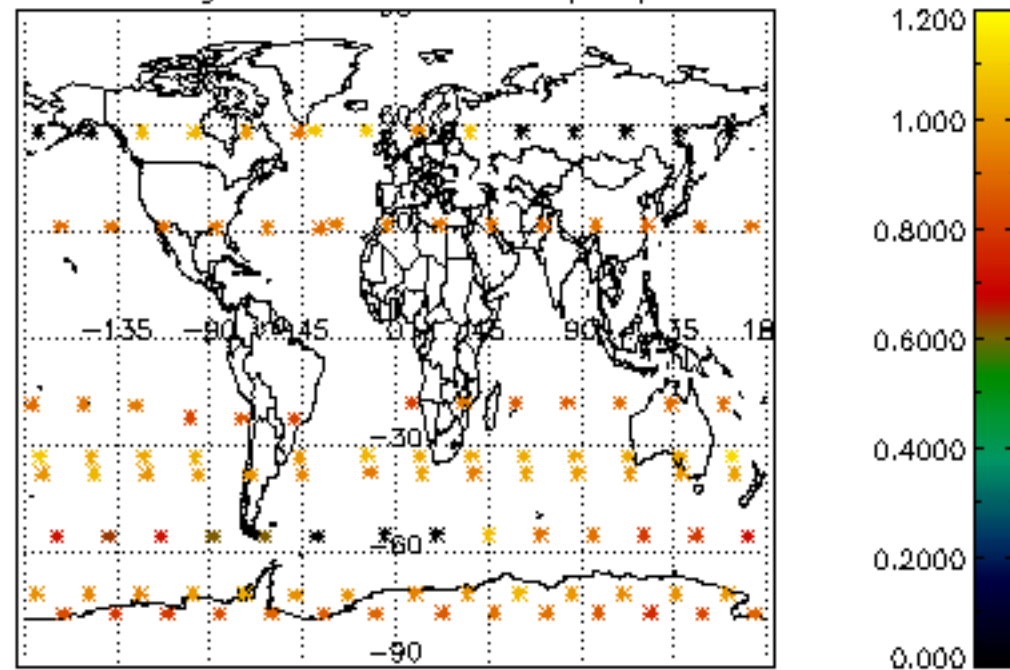




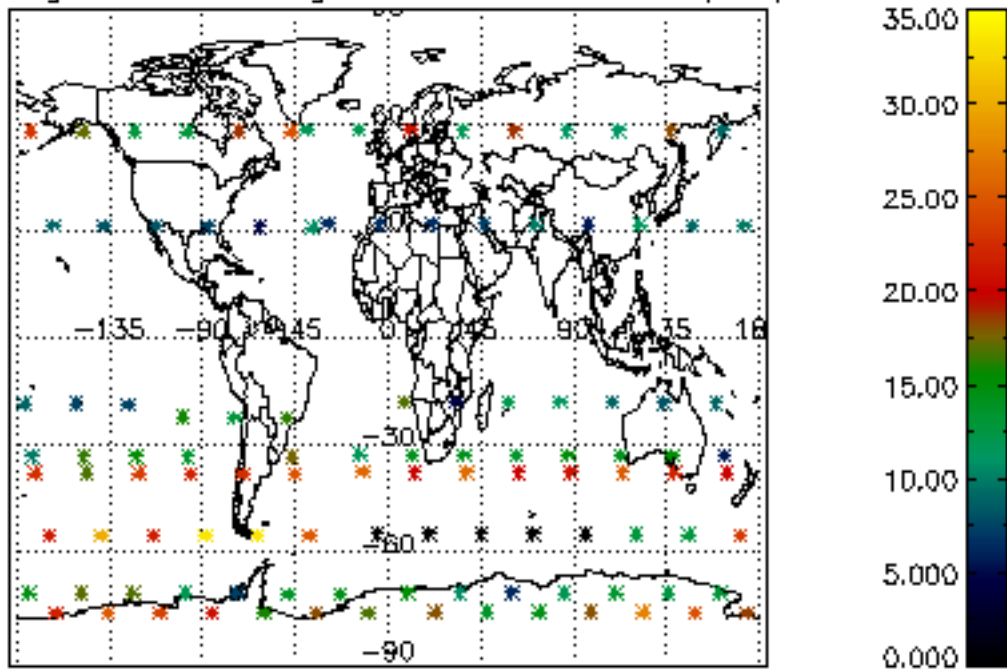
Percentage of cosmic ray hits per profile



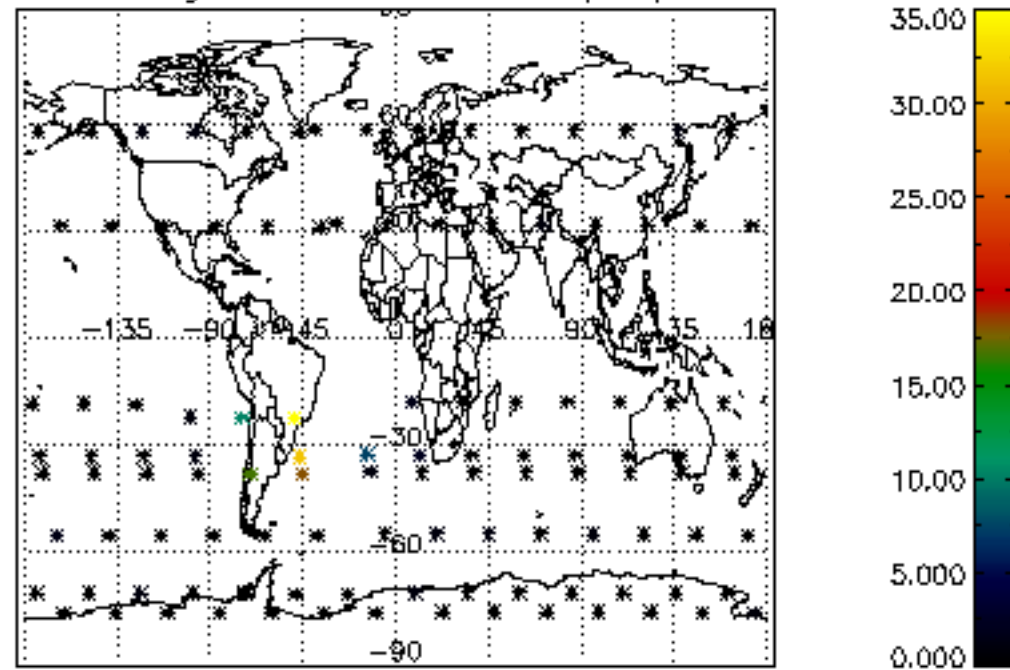
Percentage of datation errors per profile



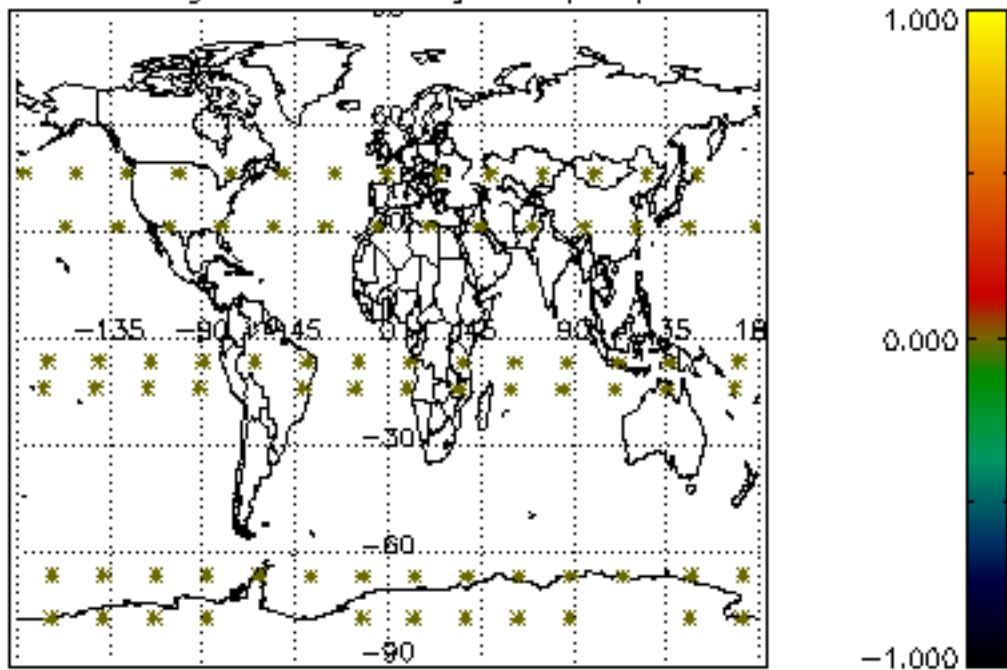
Percentage of star falling outside central band per profile



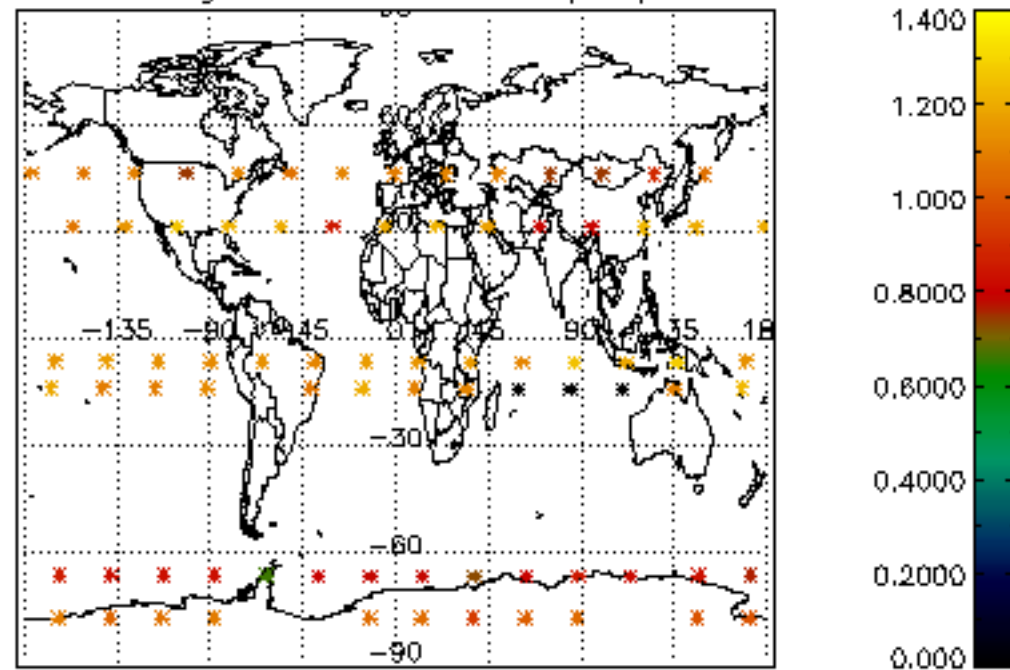
Percentage of saturation errors per profile



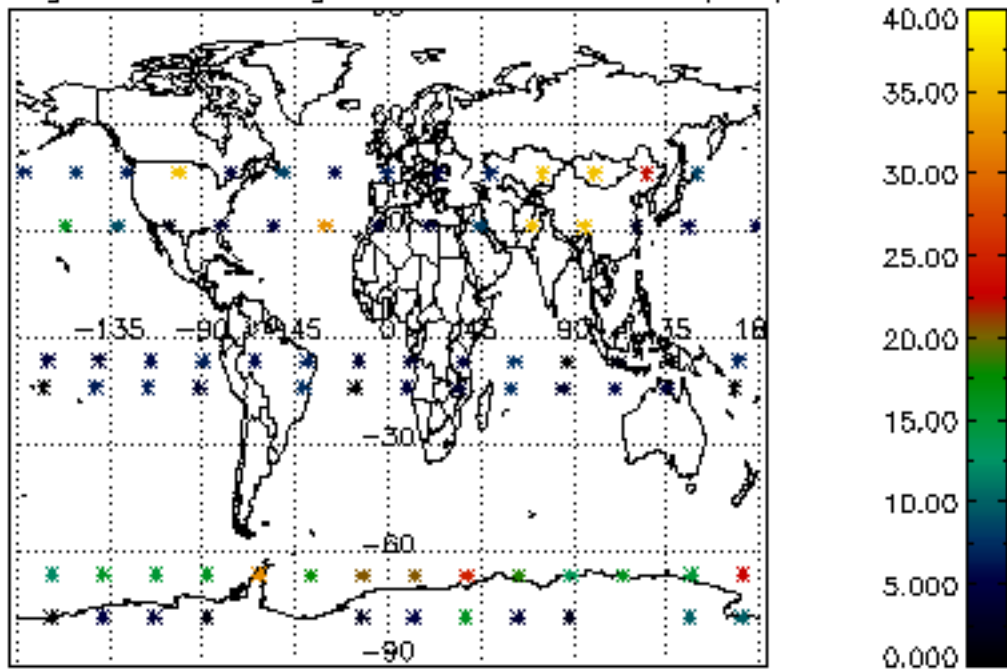
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

