

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 12:37:21
Data source version	GOMOS/6.01
Start time of products	10-09-2009 (10SEP2009 00:00:00)
Stop time of products	11-09-2009 (11SEP2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	205
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__2PRFIN20090910_012825_000000552082_00232_39364_5016.N1	10-SEP-2009 01:28:25	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39364	No
2	GOM_NL__2PRFIN20090910_013457_000000452082_00232_39364_5017.N1	10-SEP-2009 01:34:57	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	39364	No
3	GOM_NL__2PRFIN20090910_015425_000000422082_00232_39364_5018.N1	10-SEP-2009 01:54:25	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	39364	No
4	GOM_NL__2PRFIN20090910_015839_000000532082_00232_39364_5019.N1	10-SEP-2009 01:58:39	Bright	52.500	164	44Eta Peg	2.9480	5400.0	105	39364	No
5	GOM_NL__2PRFIN20090910_020855_000000422082_00232_39364_5020.N1	10-SEP-2009 02:08:55	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	39364	No
6	GOM_NL__2PRFIN20090910_021052_000000402082_00232_39364_5021.N1	10-SEP-2009 02:10:52	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	39364	No
7	GOM_NL__2PRFIN20090910_022733_000000502082_00232_39364_5022.N1	10-SEP-2009 02:27:33	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	39364	No
8	GOM_NL__2PRFIN20090910_023217_000000412082_00232_39364_5023.N1	10-SEP-2009 02:32:17	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	39364	No
9	GOM_NL__2PRFIN20090910_023643_000000652082_00232_39364_5024.N1	10-SEP-2009 02:36:43	Twilight	65.000	151	13Mu Gem	2.8900	3000.0	130	39364	No
10	GOM_NL__2PRFIN20090910_024029_000000512082_00232_39364_5025.N1	10-SEP-2009 02:40:29	Twilight	50.500	8	10Alp CMi	0.40000	6500.0	101	39364	No
11	GOM_NL__2PRFIN20090910_024856_000000572082_00232_39364_5026.N1	10-SEP-2009 02:48:56	Dark	57.000	1	9Alp CMa	-1.4400	11000.	114	39364	No
12	GOM_NL__2PRFIN20090910_025033_000000502082_00232_39364_5027.N1	10-SEP-2009 02:50:33	Dark	50.000	47	2Bet CMa	1.9760	28000.	100	39364	No
13	GOM_NL__2PRFIN20090910_025649_000000472082_00232_39364_5028.N1	10-SEP-2009 02:56:49	Dark	47.000	108	Alp Col	2.6520	15200.	94	39364	No
14	GOM_NL__2PRFIN20090910_030902_000000572082_00233_39365_5028.N1	10-SEP-2009 03:09:02	Dark	56.500	157	The1Eri	2.9060	9300.0	113	39365	No
15	GOM_NL__2PRFIN20090910_031533_000000462082_00233_39365_5029.N1	10-SEP-2009 03:15:33	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	39365	No
16	GOM_NL__2PRFIN20090910_033501_000000422082_00233_39365_5030.N1	10-SEP-2009 03:35:01	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	39365	No
17	GOM_NL__2PRFIN20090910_033915_000000392082_00233_39365_5031.N1	10-SEP-2009 03:39:15	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	39365	No
18	GOM_NL__2PRFIN20090910_034930_000000422082_00233_39365_5032.N1	10-SEP-2009 03:49:30	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	39365	No
19	GOM_NL__2PRFIN20090910_035127_000000432082_00233_39365_5033.N1	10-SEP-2009 03:51:27	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	39365	No
20	GOM_NL__2PRFIN20090910_040809_000000502082_00233_39365_5034.N1	10-SEP-2009 04:08:09	Bright	49.500	42	34Bet Aur	1.9000	10200.	99	39365	No
21	GOM_NL__2PRFIN20090910_041253_000000412082_00233_39365_5035.N1	10-SEP-2009 04:12:53	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	39365	No
22	GOM_NL__2PRFIN20090910_041720_000000672082_00233_39365_5036.N1	10-SEP-2009 04:17:20	Twilight	67.000	151	13Mu Gem	2.8900	3000.0	134	39365	No
23	GOM_NL__2PRFIN20090910_042106_000000462082_00233_39365_5037.N1	10-SEP-2009 04:21:06	Twilight	45.500	8	10Alp CMi	0.40000	6500.0	91	39365	No
24	GOM_NL__2PRFIN20090910_042933_000000592082_00233_39365_5038.N1	10-SEP-2009 04:29:33	Dark	59.000	1	9Alp CMa	-1.4400	11000.	118	39365	No
25	GOM_NL__2PRFIN20090910_043110_000000522082_00233_39365_5039.N1	10-SEP-2009 04:31:10	Dark	51.500	47	2Bet CMa	1.9760	28000.	103	39365	No
26	GOM_NL__2PRFIN20090910_043410_000000442082_00233_39365_5040.N1	10-SEP-2009 04:34:10	Dark	44.000	177	1Zet CMa	3.0220	26000.	88	39365	No
27	GOM_NL__2PRFIN20090910_043726_000000492082_00233_39365_5041.N1	10-SEP-2009 04:37:26	Dark	49.000	108	Alp Col	2.6520	15200.	98	39365	No
28	GOM_NL__2PRFIN20090910_044939_000000552082_00234_39366_5042.N1	10-SEP-2009 04:49:39	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39366	No
29	GOM_NL__2PRFIN20090910_045610_000000452082_00234_39366_5043.N1	10-SEP-2009 04:56:10	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	39366	No
30	GOM_NL__2PRFIN20090910_051536_000000432082_00234_39366_5044.N1	10-SEP-2009 05:15:36	Bright	42.500	90	54Alp Peg	2.4870	11000.	85	39366	No
31	GOM_NL__2PRFIN20090910_051950_000000392082_00234_39366_5045.N1	10-SEP-2009 05:19:50	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	39366	No
32	GOM_NL__2PRFIN20090910_053006_000000422082_00234_39366_5046.N1	10-SEP-2009 05:30:06	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	39366	No
33	GOM_NL__2PRFIN20090910_053203_000000452082_00234_39366_5047.N1	10-SEP-2009 05:32:03	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	39366	No
34	GOM_NL__2PRFIN20090910_054845_000000522082_00234_39366_5048.N1	10-SEP-2009 05:48:45	Bright	51.500	42	34Bet Aur	1.9000	10200.	103	39366	No
35	GOM_NL__2PRFIN20090910_055329_000000432082_00234_39366_5049.N1	10-SEP-2009 05:53:29	Bright	42.500	24	66Alp Gem	1.5800	10200.	85	39366	No
36	GOM_NL__2PRFIN20090910_055626_000000552082_00234_39366_5050.N1	10-SEP-2009 05:56:26	Twilight	54.500	170	27Eps Gem	3.0000	9700.0	109	39366	No
37	GOM_NL__2PRFIN20090910_055756_000000592082_00234_39366_5051.N1	10-SEP-2009 05:57:56	Twilight	59.000	151	13Mu Gem	2.8900	3000.0	118	39366	No
38	GOM_NL__2PRFIN20090910_060142_000000582082_00234_39366_5052.N1	10-SEP-2009 06:01:42	Twilight	58.000	8	10Alp CMi	0.40000	6500.0	116	39366	No
39	GOM_NL__2PRFIN20090910_061010_000000512082_00234_39366_5053.N1	10-SEP-2009 06:10:10	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	39366	No
40	GOM_NL__2PRFIN20090910_061147_000000532082_00234_39366_5054.N1	10-SEP-2009 06:11:47	Dark	53.000	47	2Bet CMa	1.9760	28000.	106	39366	No
41	GOM_NL__2PRFIN20090910_061447_000000452082_00234_39366_5055.N1	10-SEP-2009 06:14:47	Dark	44.500	177	1Zet CMa	3.0220	26000.	89	39366	No
42	GOM_NL__2PRFIN20090910_061804_000000482082_00234_39366_5056.N1	10-SEP-2009 06:18:04	Dark	48.000	108	Alp Col	2.6520	15200.	96	39366	No

43	GOM_NL__2PRFIN20090910_063016_000000542082_00235_39367_5059.N1	10-SEP-2009 06:30:16	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39367	No
44	GOM_NL__2PRFIN20090910_063647_000000462082_00235_39367_5060.N1	10-SEP-2009 06:36:47	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	39367	No
45	GOM_NL__2PRFIN20090910_065612_000000422082_00235_39367_5061.N1	10-SEP-2009 06:56:12	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	39367	No
46	GOM_NL__2PRFIN20090910_070026_000000402082_00235_39367_5062.N1	10-SEP-2009 07:00:26	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	39367	No
47	GOM_NL__2PRFIN20090910_071042_000000432082_00235_39367_5063.N1	10-SEP-2009 07:10:42	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	39367	No
48	GOM_NL__2PRFIN20090910_071238_000000442082_00235_39367_5064.N1	10-SEP-2009 07:12:38	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	39367	No
49	GOM_NL__2PRFIN20090910_072921_000000522082_00235_39367_5065.N1	10-SEP-2009 07:29:21	Bright	51.500	42	34Bet Aur	1.9000	10200.	103	39367	No
50	GOM_NL__2PRFIN20090910_073405_000000412082_00235_39367_5066.N1	10-SEP-2009 07:34:05	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	39367	No
51	GOM_NL__2PRFIN20090910_073702_000000552082_00235_39367_5067.N1	10-SEP-2009 07:37:02	Twi_and_stray	54.500	170	27Eps Gem	3.0000	9700.0	109	39367	No
52	GOM_NL__2PRFIN20090910_073833_000000592082_00235_39367_5068.N1	10-SEP-2009 07:38:33	Twi_and_stray	59.000	151	13Mu Gem	2.8900	3000.0	118	39367	No
53	GOM_NL__2PRFIN20090910_074218_000000482082_00235_39367_5069.N1	10-SEP-2009 07:42:18	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	39367	No
54	GOM_NL__2PRFIN20090910_075047_000000542082_00235_39367_5070.N1	10-SEP-2009 07:50:47	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	39367	No
55	GOM_NL__2PRFIN20090910_075224_000000542082_00235_39367_5071.N1	10-SEP-2009 07:52:24	Dark	53.500	47	2Bet CMa	1.9760	28000.	107	39367	No
56	GOM_NL__2PRFIN20090910_075523_000000472082_00235_39367_5072.N1	10-SEP-2009 07:55:23	Dark	46.500	177	1Zet CMa	3.0220	26000.	93	39367	No
57	GOM_NL__2PRFIN20090910_075841_000000492082_00235_39367_5073.N1	10-SEP-2009 07:58:41	Dark	49.000	108	Alp Col	2.6520	15200.	98	39367	No
58	GOM_NL__2PRFIN20090910_081053_000000562082_00236_39368_5091.N1	10-SEP-2009 08:10:53	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39368	No
59	GOM_NL__2PRFIN20090910_081723_000000442082_00236_39368_5092.N1	10-SEP-2009 08:17:23	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	39368	No
60	GOM_NL__2PRFIN20090910_083648_000000412082_00236_39368_5093.N1	10-SEP-2009 08:36:48	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	39368	No
61	GOM_NL__2PRFIN20090910_084102_000000392082_00236_39368_5094.N1	10-SEP-2009 08:41:02	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	39368	No
62	GOM_NL__2PRFIN20090910_085117_000000422082_00236_39368_5095.N1	10-SEP-2009 08:51:17	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	39368	No
63	GOM_NL__2PRFIN20090910_085313_000000442082_00236_39368_5096.N1	10-SEP-2009 08:53:13	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	39368	No
64	GOM_NL__2PRFIN20090910_090956_000000532082_00236_39368_5097.N1	10-SEP-2009 09:09:56	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	39368	No
65	GOM_NL__2PRFIN20090910_091441_000000442082_00236_39368_5098.N1	10-SEP-2009 09:14:41	Bright	43.500	24	66Alp Gem	1.5800	10200.	87	39368	No
66	GOM_NL__2PRFIN20090910_091739_000000562082_00236_39368_5099.N1	10-SEP-2009 09:17:39	Twi_and_stray	56.000	170	27Eps Gem	3.0000	9700.0	112	39368	No
67	GOM_NL__2PRFIN20090910_091909_000000512082_00236_39368_5100.N1	10-SEP-2009 09:19:09	Twi_and_stray	51.000	151	13Mu Gem	2.8900	3000.0	102	39368	No
68	GOM_NL__2PRFIN20090910_092106_000000592082_00236_39368_5101.N1	10-SEP-2009 09:21:06	Twi_and_stray	59.000	44	24Gam Gem	1.9280	11000.	118	39368	No
69	GOM_NL__2PRFIN20090910_092255_000000532082_00236_39368_5102.N1	10-SEP-2009 09:22:55	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	39368	No
70	GOM_NL__2PRFIN20090910_093123_000000542082_00236_39368_5103.N1	10-SEP-2009 09:31:23	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	39368	No
71	GOM_NL__2PRFIN20090910_093301_000000502082_00236_39368_5104.N1	10-SEP-2009 09:33:01	Dark	50.000	47	2Bet CMa	1.9760	28000.	100	39368	No
72	GOM_NL__2PRFIN20090910_093600_000000462082_00236_39368_5105.N1	10-SEP-2009 09:36:00	Dark	46.000	177	1Zet CMa	3.0220	26000.	92	39368	No
73	GOM_NL__2PRFIN20090910_093918_000000502082_00236_39368_5106.N1	10-SEP-2009 09:39:18	Dark	50.000	108	Alp Col	2.6520	15200.	100	39368	No
74	GOM_NL__2PRFIN20090910_095130_000000562082_00237_39369_5105.N1	10-SEP-2009 09:51:30	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39369	No
75	GOM_NL__2PRFIN20090910_095759_000000432082_00237_39369_5106.N1	10-SEP-2009 09:57:59	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	39369	No
76	GOM_NL__2PRFIN20090910_101723_000000422082_00237_39369_5107.N1	10-SEP-2009 10:17:23	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	39369	No
77	GOM_NL__2PRFIN20090910_102137_000000572082_00237_39369_5108.N1	10-SEP-2009 10:21:37	Bright	57.000	164	44Eta Peg	2.9480	5400.0	114	39369	No
78	GOM_NL__2PRFIN20090910_103152_000000432082_00237_39369_5109.N1	10-SEP-2009 10:31:52	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	39369	No
79	GOM_NL__2PRFIN20090910_103348_000000432082_00237_39369_5110.N1	10-SEP-2009 10:33:48	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	39369	No
80	GOM_NL__2PRFIN20090910_105032_000000532082_00237_39369_5111.N1	10-SEP-2009 10:50:32	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	39369	No
81	GOM_NL__2PRFIN20090910_105517_000000442082_00237_39369_5112.N1	10-SEP-2009 10:55:17	Bright	43.500	24	66Alp Gem	1.5800	10200.	87	39369	No
82	GOM_NL__2PRFIN20090910_105815_000000572082_00237_39369_5113.N1	10-SEP-2009 10:58:15	Twi_and_stray	57.000	170	27Eps Gem	3.0000	9700.0	114	39369	No
83	GOM_NL__2PRFIN20090910_105945_000000512082_00237_39369_5114.N1	10-SEP-2009 10:59:45	Twi_and_stray	51.000	151	13Mu Gem	2.8900	3000.0	102	39369	No
84	GOM_NL__2PRFIN20090910_110142_000000612082_00237_39369_5115.N1	10-SEP-2009 11:01:42	Twi_and_stray	61.000	44	24Gam Gem	1.9280	11000.	122	39369	No
85	GOM_NL__2PRFIN20090910_110331_000000562082_00237_39369_5116.N1	10-SEP-2009 11:03:31	Twilight	55.500	8	10Alp CMi	0.40000	6500.0	111	39369	No
86	GOM_NL__2PRFIN20090910_111200_000000542082_00237_39369_5117.N1	10-SEP-2009 11:12:00	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	39369	No
87	GOM_NL__2PRFIN20090910_111338_000000522082_00237_39369_5118.N1	10-SEP-2009 11:13:38	Dark	52.000	47	2Bet CMa	1.9760	28000.	104	39369	No
88	GOM_NL__2PRFIN20090910_111637_000000452082_00237_39369_5119.N1	10-SEP-2009 11:16:37	Dark	45.000	177	1Zet CMa	3.0220	26000.	90	39369	No
89	GOM_NL__2PRFIN20090910_111955_000000492082_00237_39369_5120.N1	10-SEP-2009 11:19:55	Dark	48.500	108	Alp Col	2.6520	15200.	97	39369	No
90	GOM_NL__2PRFIN20090910_113207_000000562082_00238_39370_5121.N1	10-SEP-2009 11:32:07	Dark	56.000	157	The1Eri	2.9060	9300.0	112	39370	No
91	GOM_NL__2PRFIN20090910_113836_000000492082_00238_39370_5122.N1	10-SEP-2009 11:38:36	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	39370	No
92	GOM_NL__2PRFIN20090910_115759_000000402082_00238_39370_5123.N1	10-SEP-2009 11:57:59	Bright	40.000	90	54Alp Peg	2.4870	11000.	80	39370	No
93	GOM_NL__2PRFIN20090910_120213_000000402082_00238_39370_5124.N1	10-SEP-2009 12:02:13	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	39370	No
94	GOM_NL__2PRFIN20090910_121228_000000422082_00238_39370_5125.N1	10-SEP-2009 12:12:28	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	39370	No
95	GOM_NL__2PRFIN20090910_121424_000000452082_00238_39370_5126.N1	10-SEP-2009 12:14:24	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	39370	No
96	GOM_NL__2PRFIN20090910_123108_000000532082_00238_39370_5127.N1	10-SEP-2009 12:31:08	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	39370	No
97	GOM_NL__2PRFIN20090910_123553_000000432082_00238_39370_5128.N1	10-SEP-2009 12:35:53	Bright	43.000	24	66Alp Gem	1.5800	10200.	86	39370	No
98	GOM_NL__2PRFIN20090910_123851_000000592082_00238_39370_5129.N1	10-SEP-2009 12:38:51	Twi_and_stray	58.500	170	27Eps Gem	3.0000	9700.0	117	39370	No
99	GOM_NL__2PRFIN20090910_124022_000000432082_00238_39370_5130.N1	10-SEP-2009 12:40:22	Twi_and_stray	43.000	151	13Mu Gem	2.8900	3000.0	86	39370	No
100	GOM_NL__2PRFIN20090910_124219_000000612082_00238_39370_5131.N1	10-SEP-2009 12:42:19	Twi_and_stray	61.000	44	24Gam Gem	1.9280	11000.	122	39370	No
101	GOM_NL__2PRFIN20090910_124407_000000582082_00238_39370_5132.N1	10-SEP-2009 12:44:07	Twilight	57.500	8	10Alp CMi	0.40000	6500.0	115	39370	No

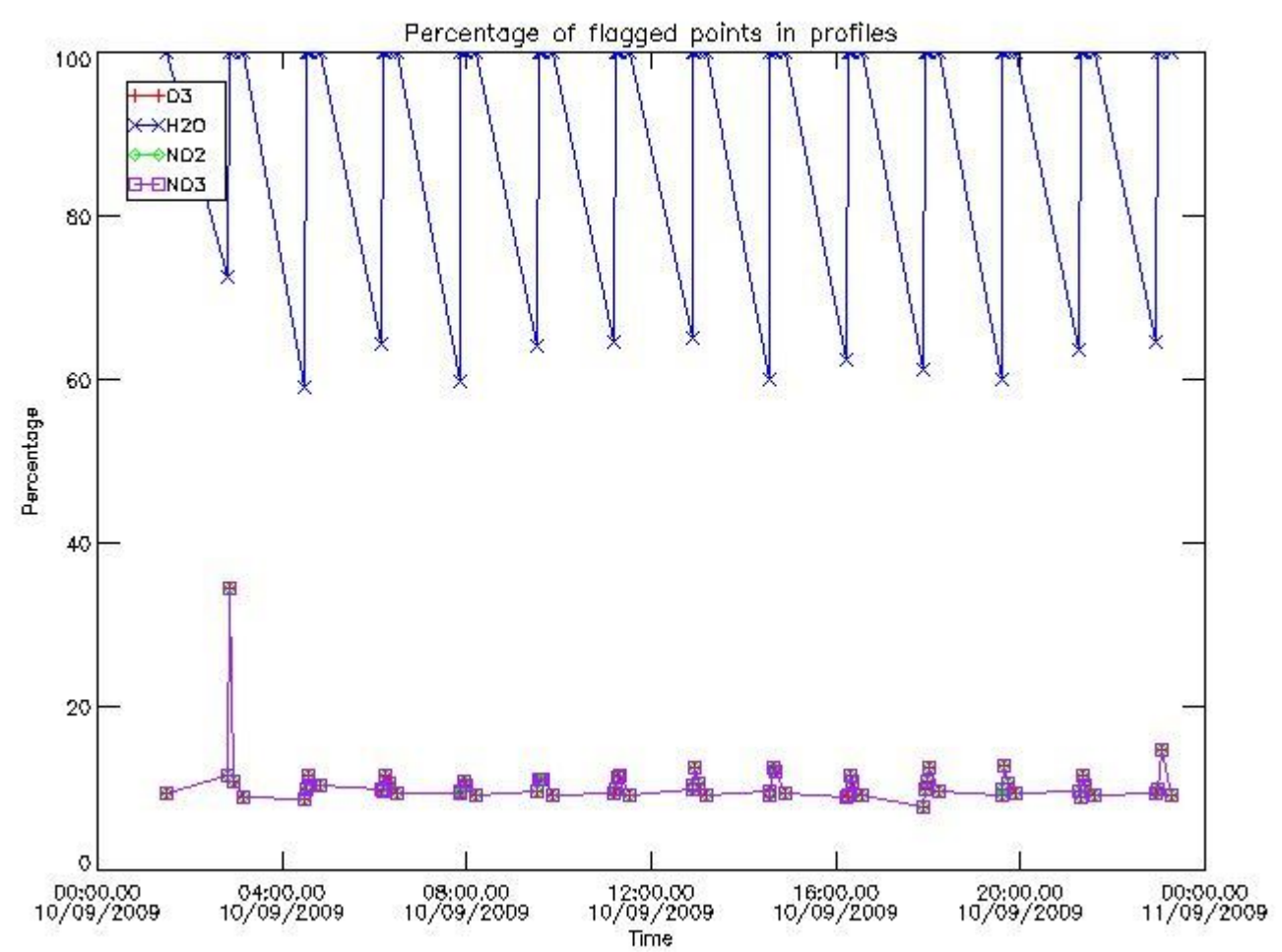
102	GOM_NL__2PRFIN20090910_125237_000000522082_00238_39370_5133.N1	10-SEP-2009 12:52:37	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	39370	No
103	GOM_NL__2PRFIN20090910_125415_000000502082_00238_39370_5134.N1	10-SEP-2009 12:54:15	Dark	49.500	47	2Bet CMa	1.9760	28000.	99	39370	No
104	GOM_NL__2PRFIN20090910_125714_000000452082_00238_39370_5135.N1	10-SEP-2009 12:57:14	Dark	45.000	177	1Zet CMa	3.0220	26000.	90	39370	No
105	GOM_NL__2PRFIN20090910_130032_000000482082_00238_39370_5136.N1	10-SEP-2009 13:00:32	Dark	48.000	108	Alp Col	2.6520	15200.	96	39370	No
106	GOM_NL__2PRFIN20090910_131244_000000562082_00239_39371_5136.N1	10-SEP-2009 13:12:44	Dark	56.000	157	The1Eri	2.9060	9300.0	112	39371	No
107	GOM_NL__2PRFIN20090910_131912_000000482082_00239_39371_5137.N1	10-SEP-2009 13:19:12	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	39371	No
108	GOM_NL__2PRFIN20090910_133835_000000482082_00239_39371_5138.N1	10-SEP-2009 13:38:35	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	39371	No
109	GOM_NL__2PRFIN20090910_134249_000000572082_00239_39371_5139.N1	10-SEP-2009 13:42:49	Bright	57.000	164	44Eta Peg	2.9480	5400.0	114	39371	No
110	GOM_NL__2PRFIN20090910_135303_000000432082_00239_39371_5140.N1	10-SEP-2009 13:53:03	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	39371	No
111	GOM_NL__2PRFIN20090910_135459_000000442082_00239_39371_5141.N1	10-SEP-2009 13:54:59	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	39371	No
112	GOM_NL__2PRFIN20090910_141143_000000532082_00239_39371_5142.N1	10-SEP-2009 14:11:43	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	39371	No
113	GOM_NL__2PRFIN20090910_141629_000000592082_00239_39371_5143.N1	10-SEP-2009 14:16:29	Bright	59.000	24	66Alp Gem	1.5800	10200.	118	39371	No
114	GOM_NL__2PRFIN20090910_141927_000000602082_00239_39371_5144.N1	10-SEP-2009 14:19:27	Tw_i_and_stray	59.500	170	27Eps Gem	3.0000	9700.0	119	39371	No
115	GOM_NL__2PRFIN20090910_142058_000000432082_00239_39371_5145.N1	10-SEP-2009 14:20:58	Tw_i_and_stray	43.000	151	13Mu Gem	2.8900	3000.0	86	39371	No
116	GOM_NL__2PRFIN20090910_142255_000000612082_00239_39371_5146.N1	10-SEP-2009 14:22:55	Tw_i_and_stray	60.500	44	24Gam Gem	1.9280	11000.	121	39371	No
117	GOM_NL__2PRFIN20090910_142444_000000572082_00239_39371_5147.N1	10-SEP-2009 14:24:44	Twilight	57.000	8	10Alp CMi	0.40000	6500.0	114	39371	No
118	GOM_NL__2PRFIN20090910_143314_000000532082_00239_39371_5148.N1	10-SEP-2009 14:33:14	Dark	53.000	1	9Alp CMa	-1.4400	11000.	106	39371	No
119	GOM_NL__2PRFIN20090910_143452_000000552082_00239_39371_5149.N1	10-SEP-2009 14:34:52	Dark	55.000	47	2Bet CMa	1.9760	28000.	110	39371	No
120	GOM_NL__2PRFIN20090910_143751_000000452082_00239_39371_5150.N1	10-SEP-2009 14:37:51	Dark	45.000	177	1Zet CMa	3.0220	26000.	90	39371	No
121	GOM_NL__2PRFIN20090910_144109_000000472082_00239_39371_5151.N1	10-SEP-2009 14:41:09	Dark	46.500	108	Alp Col	2.6520	15200.	93	39371	No
122	GOM_NL__2PRFIN20090910_145321_000000552082_00240_39372_5150.N1	10-SEP-2009 14:53:21	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39372	No
123	GOM_NL__2PRFIN20090910_145948_000000432082_00240_39372_5151.N1	10-SEP-2009 14:59:48	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	39372	No
124	GOM_NL__2PRFIN20090910_151910_000000602082_00240_39372_5152.N1	10-SEP-2009 15:19:10	Bright	60.000	90	54Alp Peg	2.4870	11000.	120	39372	No
125	GOM_NL__2PRFIN20090910_152325_000000572082_00240_39372_5153.N1	10-SEP-2009 15:23:25	Bright	57.000	164	44Eta Peg	2.9480	5400.0	114	39372	No
126	GOM_NL__2PRFIN20090910_153338_000000382082_00240_39372_5154.N1	10-SEP-2009 15:33:38	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	39372	No
127	GOM_NL__2PRFIN20090910_153534_000000412082_00240_39372_5155.N1	10-SEP-2009 15:35:34	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	39372	No
128	GOM_NL__2PRFIN20090910_155219_000000532082_00240_39372_5156.N1	10-SEP-2009 15:52:19	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	39372	No
129	GOM_NL__2PRFIN20090910_155705_000000592082_00240_39372_5157.N1	10-SEP-2009 15:57:05	Bright	59.000	24	66Alp Gem	1.5800	10200.	118	39372	No
130	GOM_NL__2PRFIN20090910_160003_000000562082_00240_39372_5158.N1	10-SEP-2009 16:00:03	Tw_i_and_stray	55.500	170	27Eps Gem	3.0000	9700.0	111	39372	No
131	GOM_NL__2PRFIN20090910_160135_000000352082_00240_39372_5159.N1	10-SEP-2009 16:01:35	Tw_i_and_stray	35.000	151	13Mu Gem	2.8900	3000.0	70	39372	No
132	GOM_NL__2PRFIN20090910_160332_000000602082_00240_39372_5160.N1	10-SEP-2009 16:03:32	Tw_i_and_stray	59.500	44	24Gam Gem	1.9280	11000.	119	39372	No
133	GOM_NL__2PRFIN20090910_160520_000000562082_00240_39372_5161.N1	10-SEP-2009 16:05:20	Twilight	55.500	8	10Alp CMi	0.40000	6500.0	111	39372	No
134	GOM_NL__2PRFIN20090910_161351_000000582082_00240_39372_5162.N1	10-SEP-2009 16:13:51	Dark	57.500	1	9Alp CMa	-1.4400	11000.	115	39372	No
135	GOM_NL__2PRFIN20090910_161529_000000552082_00240_39372_5163.N1	10-SEP-2009 16:15:29	Dark	55.000	47	2Bet CMa	1.9760	28000.	110	39372	No
136	GOM_NL__2PRFIN20090910_161828_000000452082_00240_39372_5164.N1	10-SEP-2009 16:18:28	Dark	44.500	177	1Zet CMa	3.0220	26000.	89	39372	No
137	GOM_NL__2PRFIN20090910_162146_000000482082_00240_39372_5165.N1	10-SEP-2009 16:21:46	Dark	47.500	108	Alp Col	2.6520	15200.	95	39372	No
138	GOM_NL__2PRFIN20090910_163358_000000552082_00241_39373_5166.N1	10-SEP-2009 16:33:58	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39373	No
139	GOM_NL__2PRFIN20090910_164025_000000492082_00241_39373_5167.N1	10-SEP-2009 16:40:25	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	39373	No
140	GOM_NL__2PRFIN20090910_165946_000000422082_00241_39373_5168.N1	10-SEP-2009 16:59:46	Bright	42.000	90	54Alp Peg	2.4870	11000.	84	39373	No
141	GOM_NL__2PRFIN20090910_170400_000000432082_00241_39373_5169.N1	10-SEP-2009 17:04:00	Bright	43.000	164	44Eta Peg	2.9480	5400.0	86	39373	No
142	GOM_NL__2PRFIN20090910_171414_000000432082_00241_39373_5170.N1	10-SEP-2009 17:14:14	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	39373	No
143	GOM_NL__2PRFIN20090910_171610_000000442082_00241_39373_5171.N1	10-SEP-2009 17:16:10	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	39373	No
144	GOM_NL__2PRFIN20090910_173255_000000522082_00241_39373_5172.N1	10-SEP-2009 17:32:55	Bright	52.000	42	34Bet Aur	1.9000	10200.	104	39373	No
145	GOM_NL__2PRFIN20090910_173741_000000592082_00241_39373_5173.N1	10-SEP-2009 17:37:41	Bright	59.000	24	66Alp Gem	1.5800	10200.	118	39373	No
146	GOM_NL__2PRFIN20090910_174040_000000552082_00241_39373_5174.N1	10-SEP-2009 17:40:40	Tw_i_and_stray	55.000	170	27Eps Gem	3.0000	9700.0	110	39373	No
147	GOM_NL__2PRFIN20090910_174211_000000352082_00241_39373_5175.N1	10-SEP-2009 17:42:11	Tw_i_and_stray	35.000	151	13Mu Gem	2.8900	3000.0	70	39373	No
148	GOM_NL__2PRFIN20090910_174408_000000572082_00241_39373_5176.N1	10-SEP-2009 17:44:08	Tw_i_and_stray	56.500	44	24Gam Gem	1.9280	11000.	113	39373	No
149	GOM_NL__2PRFIN20090910_174557_000000492082_00241_39373_5177.N1	10-SEP-2009 17:45:57	Twilight	48.500	8	10Alp CMi	0.40000	6500.0	97	39373	No
150	GOM_NL__2PRFIN20090910_175428_000000662082_00241_39373_5178.N1	10-SEP-2009 17:54:28	Dark	66.000	1	9Alp CMa	-1.4400	11000.	132	39373	No
151	GOM_NL__2PRFIN20090910_175606_000000512082_00241_39373_5179.N1	10-SEP-2009 17:56:06	Dark	51.000	47	2Bet CMa	1.9760	28000.	102	39373	No
152	GOM_NL__2PRFIN20090910_175905_000000472082_00241_39373_5180.N1	10-SEP-2009 17:59:05	Dark	47.000	177	1Zet CMa	3.0220	26000.	94	39373	No
153	GOM_NL__2PRFIN20090910_180223_000000492082_00241_39373_5181.N1	10-SEP-2009 18:02:23	Dark	48.500	108	Alp Col	2.6520	15200.	97	39373	No
154	GOM_NL__2PRFIN20090910_181435_000000542082_00242_39374_5183.N1	10-SEP-2009 18:14:35	Dark	53.500	157	The1Eri	2.9060	9300.0	107	39374	No
155	GOM_NL__2PRFIN20090910_182101_000000452082_00242_39374_5184.N1	10-SEP-2009 18:21:01	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	39374	No
156	GOM_NL__2PRFIN20090910_184022_000000412082_00242_39374_5185.N1	10-SEP-2009 18:40:22	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	39374	No
157	GOM_NL__2PRFIN20090910_184435_000000382082_00242_39374_5186.N1	10-SEP-2009 18:44:35	Bright	37.500	164	44Eta Peg	2.9480	5400.0	75	39374	No
158	GOM_NL__2PRFIN20090910_185449_000000622082_00242_39374_5187.N1	10-SEP-2009 18:54:49	Bright	62.000	74	11Bet Cas	2.2680	6600.0	124	39374	No
159	GOM_NL__2PRFIN20090910_185645_000000422082_00242_39374_5188.N1	10-SEP-2009 18:56:45	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	39374	No
160	GOM_NL__2PRFIN20090910_191331_000000742082_00242_39374_5189.N1	10-SEP-2009 19:13:31	Bright	74.000	42	34Bet Aur	1.9000	10200.	148	39374	No

161	GOM_NL__2PRFIN20090910_191817_000000422082_00242_39374_5190.N1	10-SEP-2009 19:18:17	Bright	42.000	24	66Alp Gem	1.5800	10200.	84	39374	No
162	GOM_NL__2PRFIN20090910_192116_000000562082_00242_39374_5191.N1	10-SEP-2009 19:21:16	Twilight	55.500	170	27Eps Gem	3.0000	9700.0	111	39374	No
163	GOM_NL__2PRFIN20090910_192247_000000272082_00242_39374_5192.N1	10-SEP-2009 19:22:47	Twilight	27.000	151	13Mu Gem	2.8900	3000.0	54	39374	No
164	GOM_NL__2PRFIN20090910_192445_000000592082_00242_39374_5193.N1	10-SEP-2009 19:24:45	Twilight	59.000	44	24Gam Gem	1.9280	11000.	118	39374	No
165	GOM_NL__2PRFIN20090910_192633_000000492082_00242_39374_5194.N1	10-SEP-2009 19:26:33	Twilight	48.500	8	10Alp CMi	0.40000	6500.0	97	39374	No
166	GOM_NL__2PRFIN20090910_193504_000000562082_00242_39374_5195.N1	10-SEP-2009 19:35:04	Dark	55.500	1	9Alp CMa	-1.4400	11000.	111	39374	No
167	GOM_NL__2PRFIN20090910_193643_000000522082_00242_39374_5196.N1	10-SEP-2009 19:36:43	Dark	51.500	47	2Bet CMa	1.9760	28000.	103	39374	No
168	GOM_NL__2PRFIN20090910_193942_000000442082_00242_39374_5197.N1	10-SEP-2009 19:39:42	Dark	44.000	177	1Zet CMa	3.0220	26000.	88	39374	No
169	GOM_NL__2PRFIN20090910_194300_000000492082_00242_39374_5198.N1	10-SEP-2009 19:43:00	Dark	48.500	108	Alp Col	2.6520	15200.	97	39374	No
170	GOM_NL__2PRFIN20090910_195512_000000542082_00243_39375_5200.N1	10-SEP-2009 19:55:12	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39375	No
171	GOM_NL__2PRFIN20090910_200138_000000452082_00243_39375_5201.N1	10-SEP-2009 20:01:38	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	39375	No
172	GOM_NL__2PRFIN20090910_202057_000000422082_00243_39375_5202.N1	10-SEP-2009 20:20:57	Bright	42.000	90	54Alp Peg	2.4870	11000.	84	39375	No
173	GOM_NL__2PRFIN20090910_202512_000000572082_00243_39375_5203.N1	10-SEP-2009 20:25:12	Bright	57.000	164	44Eta Peg	2.9480	5400.0	114	39375	No
174	GOM_NL__2PRFIN20090910_203525_000000422082_00243_39375_5204.N1	10-SEP-2009 20:35:25	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	39375	No
175	GOM_NL__2PRFIN20090910_203720_000000442082_00243_39375_5205.N1	10-SEP-2009 20:37:20	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	39375	No
176	GOM_NL__2PRFIN20090910_205406_000000512082_00243_39375_5206.N1	10-SEP-2009 20:54:06	Bright	51.000	42	34Bet Aur	1.9000	10200.	102	39375	No
177	GOM_NL__2PRFIN20090910_205854_000000432082_00243_39375_5207.N1	10-SEP-2009 20:58:54	Bright	43.000	24	66Alp Gem	1.5800	10200.	86	39375	No
178	GOM_NL__2PRFIN20090910_210152_000000572082_00243_39375_5208.N1	10-SEP-2009 21:01:52	Twilight	56.500	170	27Eps Gem	3.0000	9700.0	113	39375	No
179	GOM_NL__2PRFIN20090910_210324_000000272082_00243_39375_5209.N1	10-SEP-2009 21:03:24	Twilight	27.000	151	13Mu Gem	2.8900	3000.0	54	39375	No
180	GOM_NL__2PRFIN20090910_210521_000000602082_00243_39375_5210.N1	10-SEP-2009 21:05:21	Twilight	60.000	44	24Gam Gem	1.9280	11000.	120	39375	No
181	GOM_NL__2PRFIN20090910_210709_000000592082_00243_39375_5211.N1	10-SEP-2009 21:07:09	Twilight	59.000	8	10Alp CMi	0.40000	6500.0	118	39375	No
182	GOM_NL__2PRFIN20090910_211541_000000532082_00243_39375_5212.N1	10-SEP-2009 21:15:41	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	39375	No
183	GOM_NL__2PRFIN20090910_211720_000000572082_00243_39375_5213.N1	10-SEP-2009 21:17:20	Dark	56.500	47	2Bet CMa	1.9760	28000.	113	39375	No
184	GOM_NL__2PRFIN20090910_212018_000000452082_00243_39375_5214.N1	10-SEP-2009 21:20:18	Dark	44.500	177	1Zet CMa	3.0220	26000.	89	39375	No
185	GOM_NL__2PRFIN20090910_212337_000000502082_00243_39375_5215.N1	10-SEP-2009 21:23:37	Dark	49.500	108	Alp Col	2.6520	15200.	99	39375	No
186	GOM_NL__2PRFIN20090910_213549_000000562082_00244_39376_5239.N1	10-SEP-2009 21:35:49	Dark	56.000	157	The1Eri	2.9060	9300.0	112	39376	No
187	GOM_NL__2PRFIN20090910_214214_000000462082_00244_39376_5240.N1	10-SEP-2009 21:42:14	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	39376	No
188	GOM_NL__2PRFIN20090910_220133_000000492082_00244_39376_5241.N1	10-SEP-2009 22:01:33	Bright	48.500	90	54Alp Peg	2.4870	11000.	97	39376	No
189	GOM_NL__2PRFIN20090910_220547_000000372082_00244_39376_5242.N1	10-SEP-2009 22:05:47	Bright	37.000	164	44Eta Peg	2.9480	5400.0	74	39376	No
190	GOM_NL__2PRFIN20090910_221600_000000432082_00244_39376_5243.N1	10-SEP-2009 22:16:00	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	39376	No
191	GOM_NL__2PRFIN20090910_221756_000000452082_00244_39376_5244.N1	10-SEP-2009 22:17:56	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	39376	No
192	GOM_NL__2PRFIN20090910_223442_000000532082_00244_39376_5245.N1	10-SEP-2009 22:34:42	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	39376	No
193	GOM_NL__2PRFIN20090910_223929_000000472082_00244_39376_5246.N1	10-SEP-2009 22:39:29	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	39376	No
194	GOM_NL__2PRFIN20090910_224228_000000572082_00244_39376_5247.N1	10-SEP-2009 22:42:28	Twilight	56.500	170	27Eps Gem	3.0000	9700.0	113	39376	No
195	GOM_NL__2PRFIN20090910_224558_000000592082_00244_39376_5248.N1	10-SEP-2009 22:45:58	Twilight	59.000	44	24Gam Gem	1.9280	11000.	118	39376	No
196	GOM_NL__2PRFIN20090910_224746_000000462082_00244_39376_5249.N1	10-SEP-2009 22:47:46	Twilight	45.500	8	10Alp CMi	0.40000	6500.0	91	39376	No
197	GOM_NL__2PRFIN20090910_225618_000000542082_00244_39376_5250.N1	10-SEP-2009 22:56:18	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	39376	No
198	GOM_NL__2PRFIN20090910_225757_000000522082_00244_39376_5251.N1	10-SEP-2009 22:57:57	Dark	52.000	47	2Bet CMa	1.9760	28000.	104	39376	No
199	GOM_NL__2PRFIN20090910_230414_000000482082_00244_39376_5252.N1	10-SEP-2009 23:04:14	Dark	48.000	108	Alp Col	2.6520	15200.	96	39376	No
200	GOM_NL__2PRFIN20090910_231626_000000562082_00245_39377_5257.N1	10-SEP-2009 23:16:26	Dark	56.000	157	The1Eri	2.9060	9300.0	112	39377	No
201	GOM_NL__2PRFIN20090910_232250_000000462082_00245_39377_5258.N1	10-SEP-2009 23:22:50	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	39377	No
202	GOM_NL__2PRFIN20090910_234209_000000422082_00245_39377_5259.N1	10-SEP-2009 23:42:09	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	39377	No
203	GOM_NL__2PRFIN20090910_234622_000000372082_00245_39377_5260.N1	10-SEP-2009 23:46:22	Bright	37.000	164	44Eta Peg	2.9480	5400.0	74	39377	No
204	GOM_NL__2PRFIN20090910_235635_000000402082_00245_39377_5261.N1	10-SEP-2009 23:56:35	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	39377	No
205	GOM_NL__2PRFIN20090910_235831_000000452082_00245_39377_5262.N1	10-SEP-2009 23:58:31	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	39377	No

3. Quality information per product

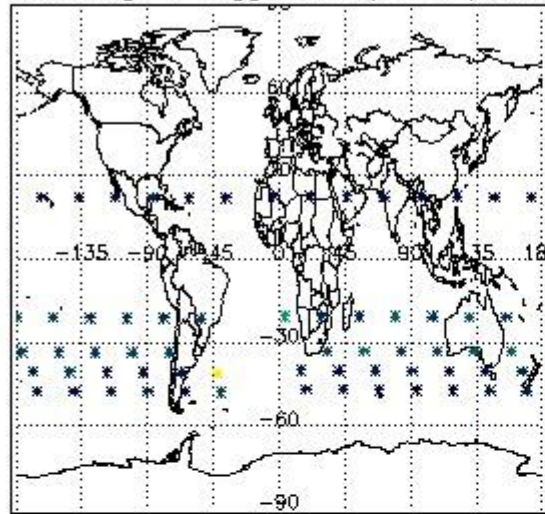
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

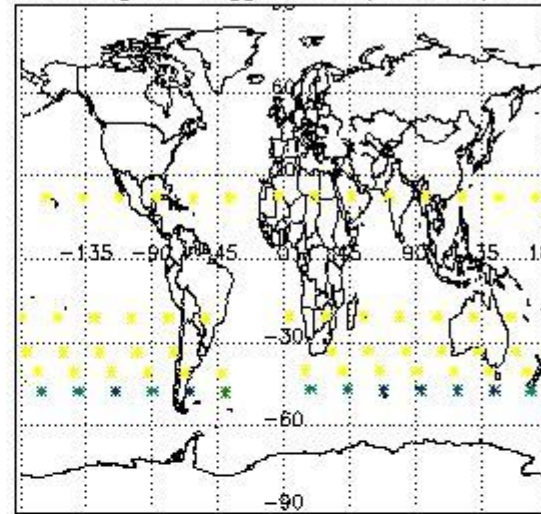


3.2 Plot quality information per product (world map)

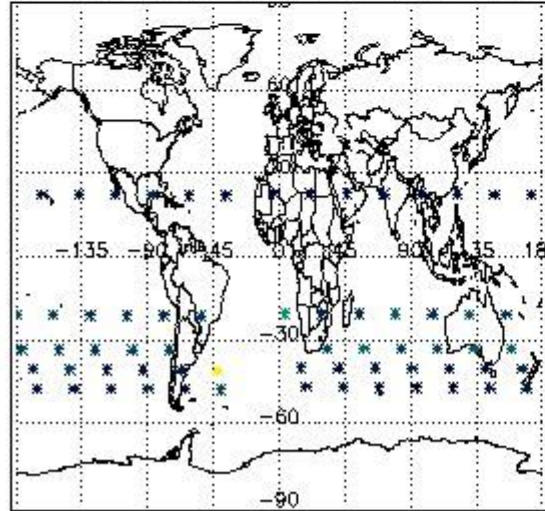
Percentage of flagged data per O3 profile



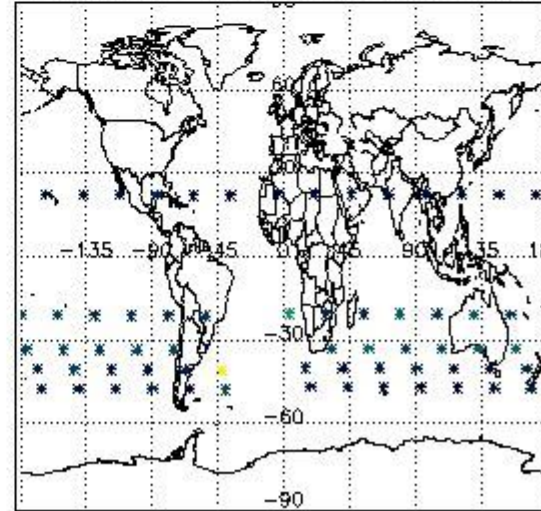
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

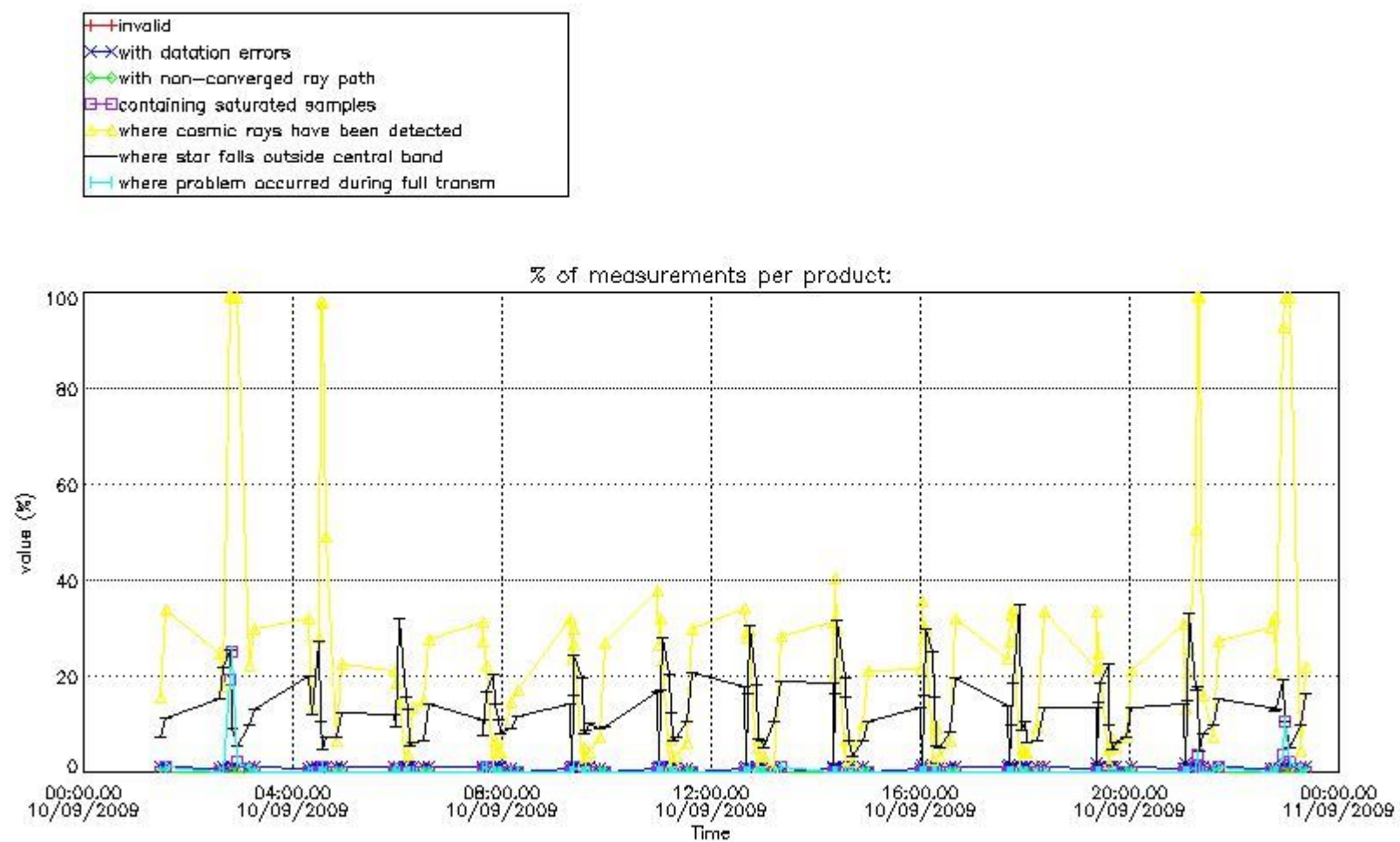


4. Level 1 quality information per product

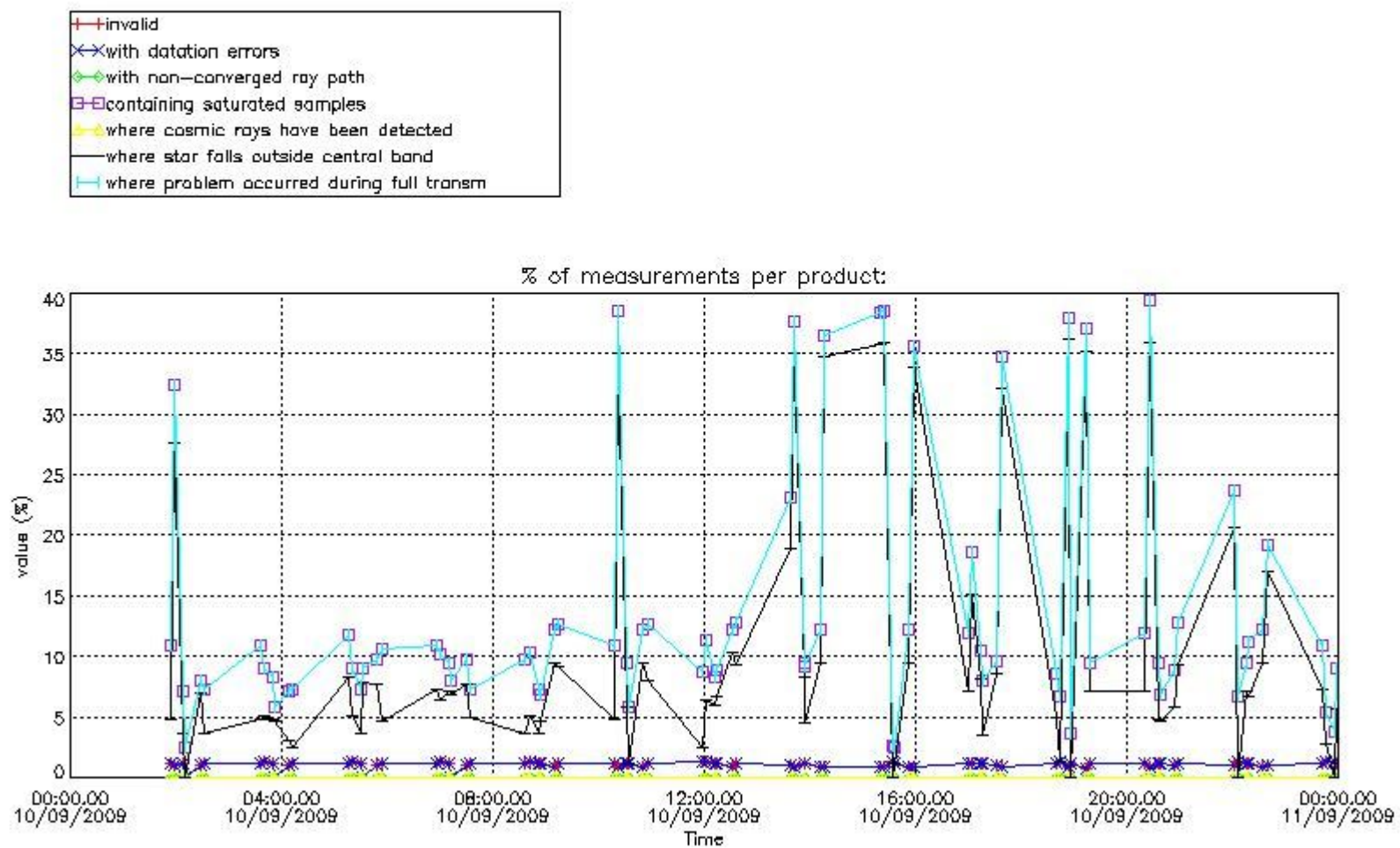
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

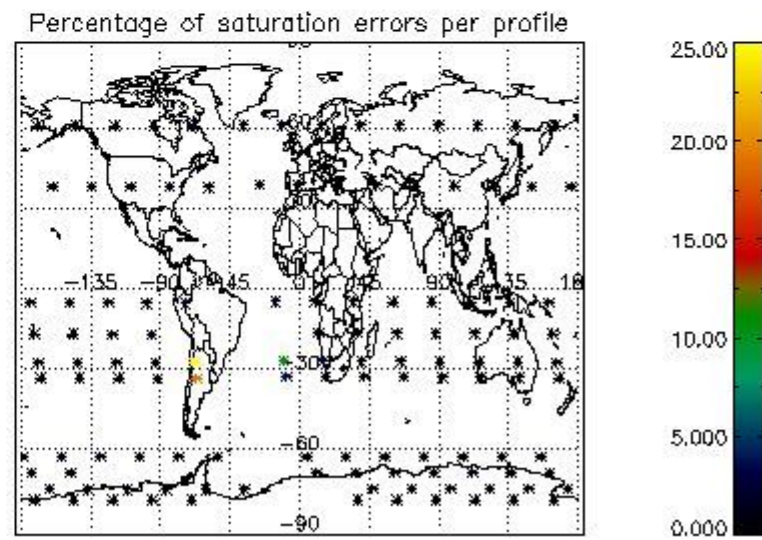
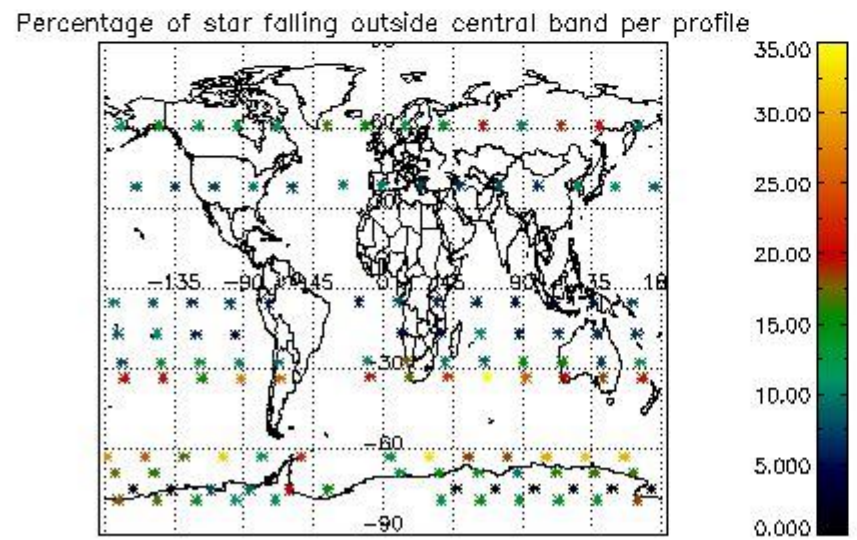
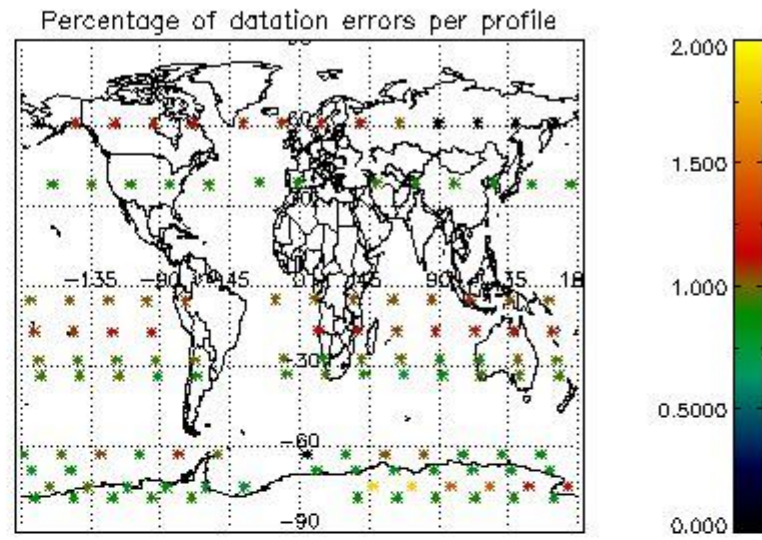
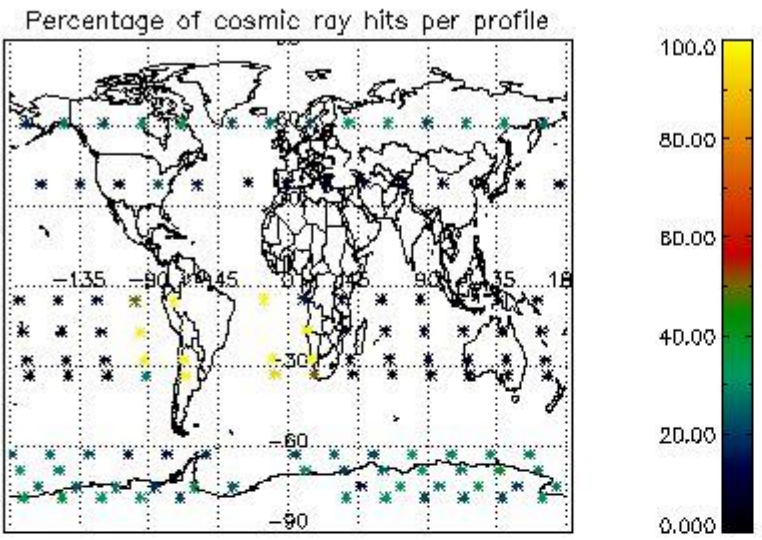
4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes



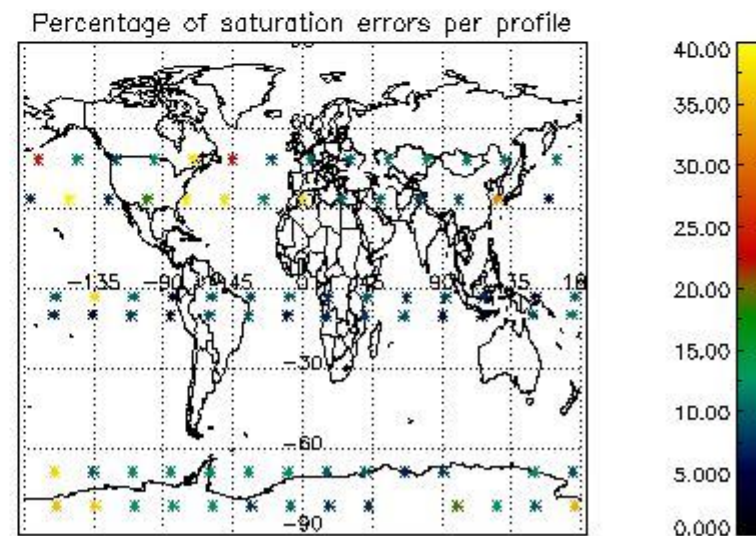
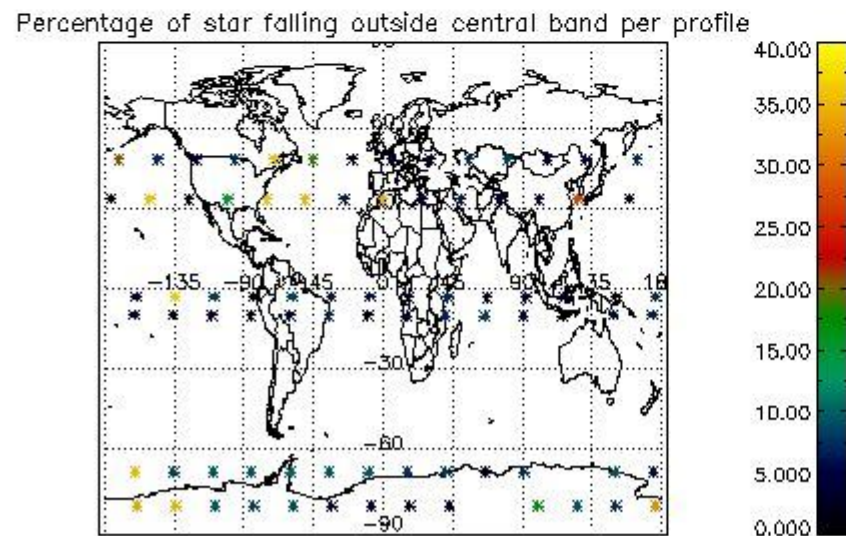
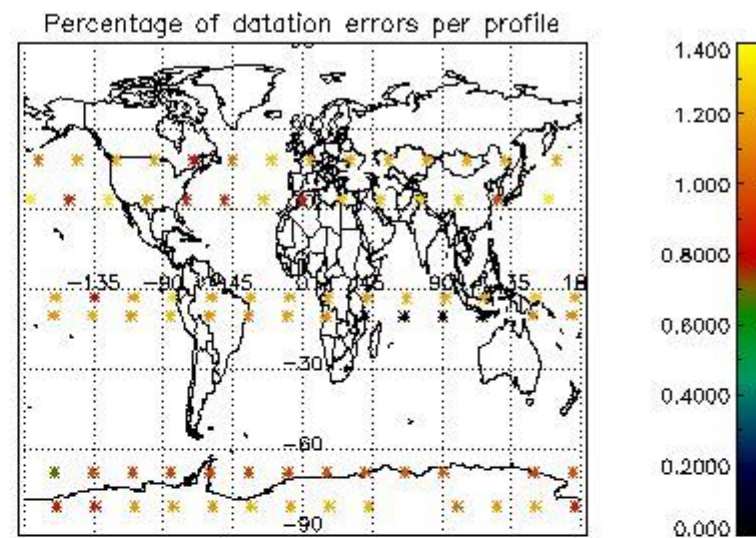
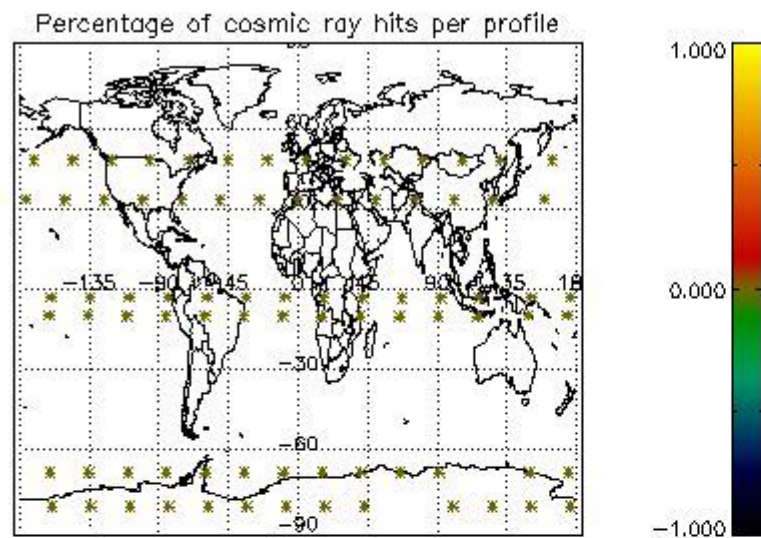
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



4.2 Plot quality information per product coming from level 1b processing (world map)
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

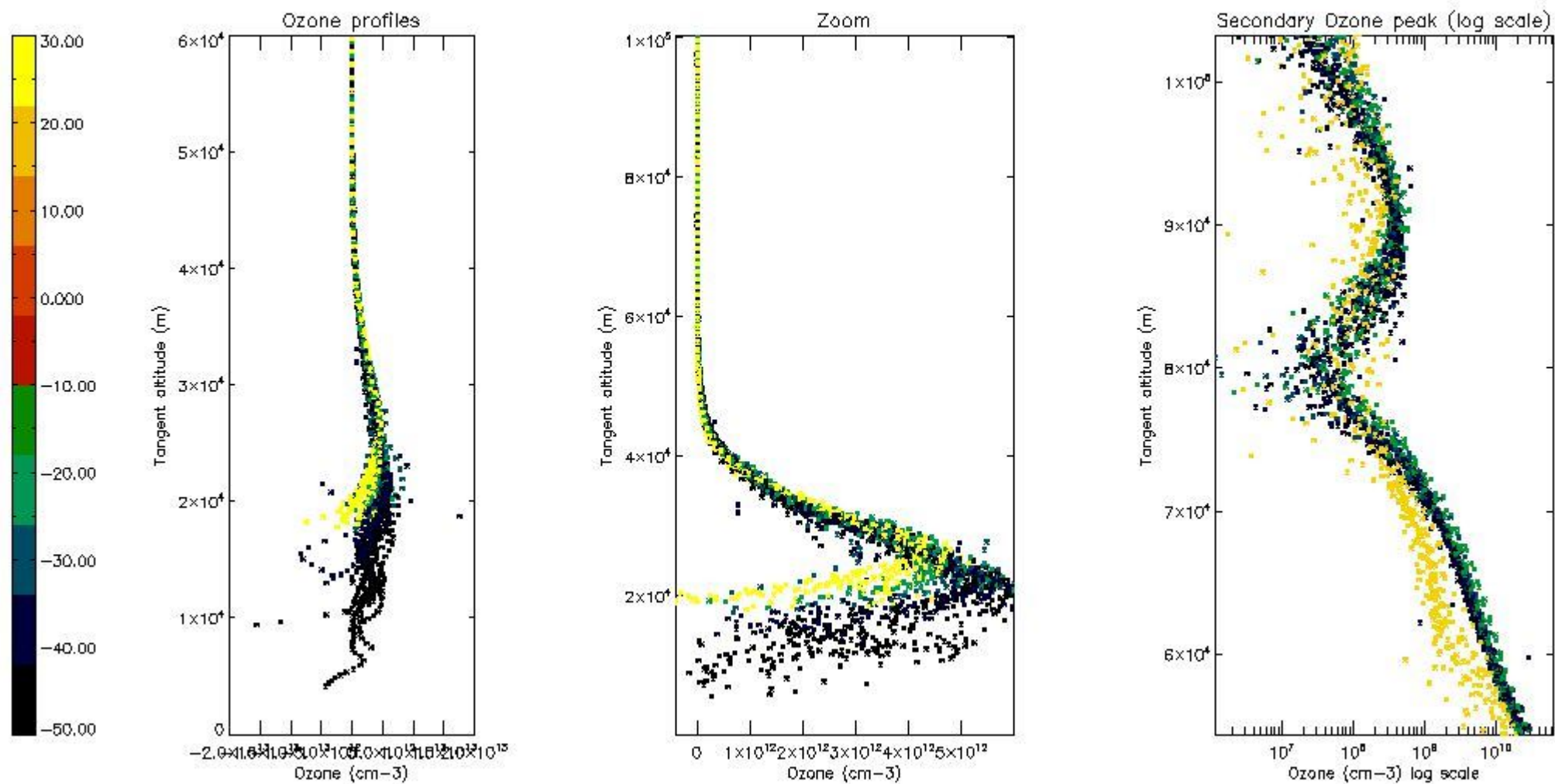
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	18
STD < 5	12

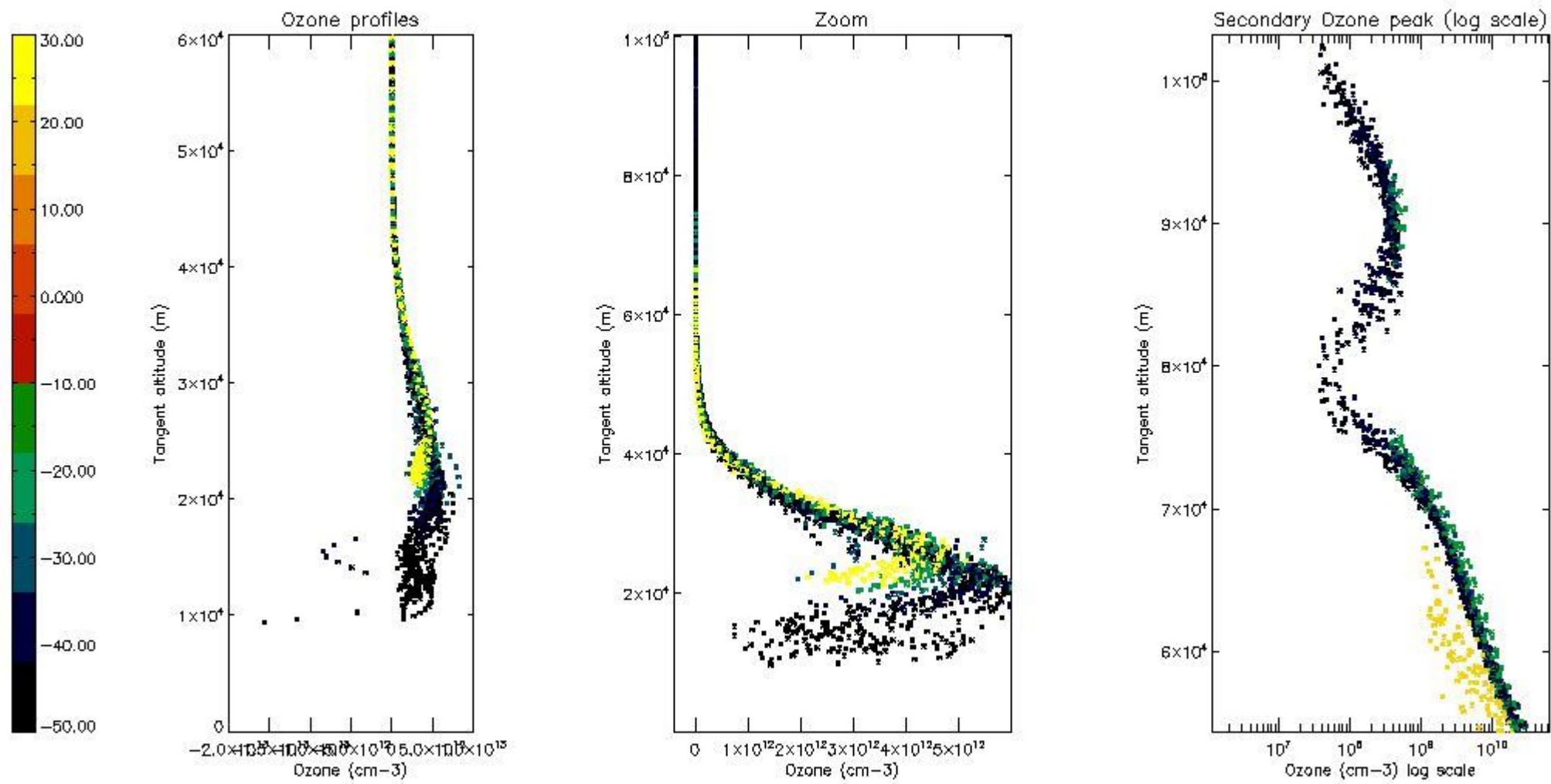
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



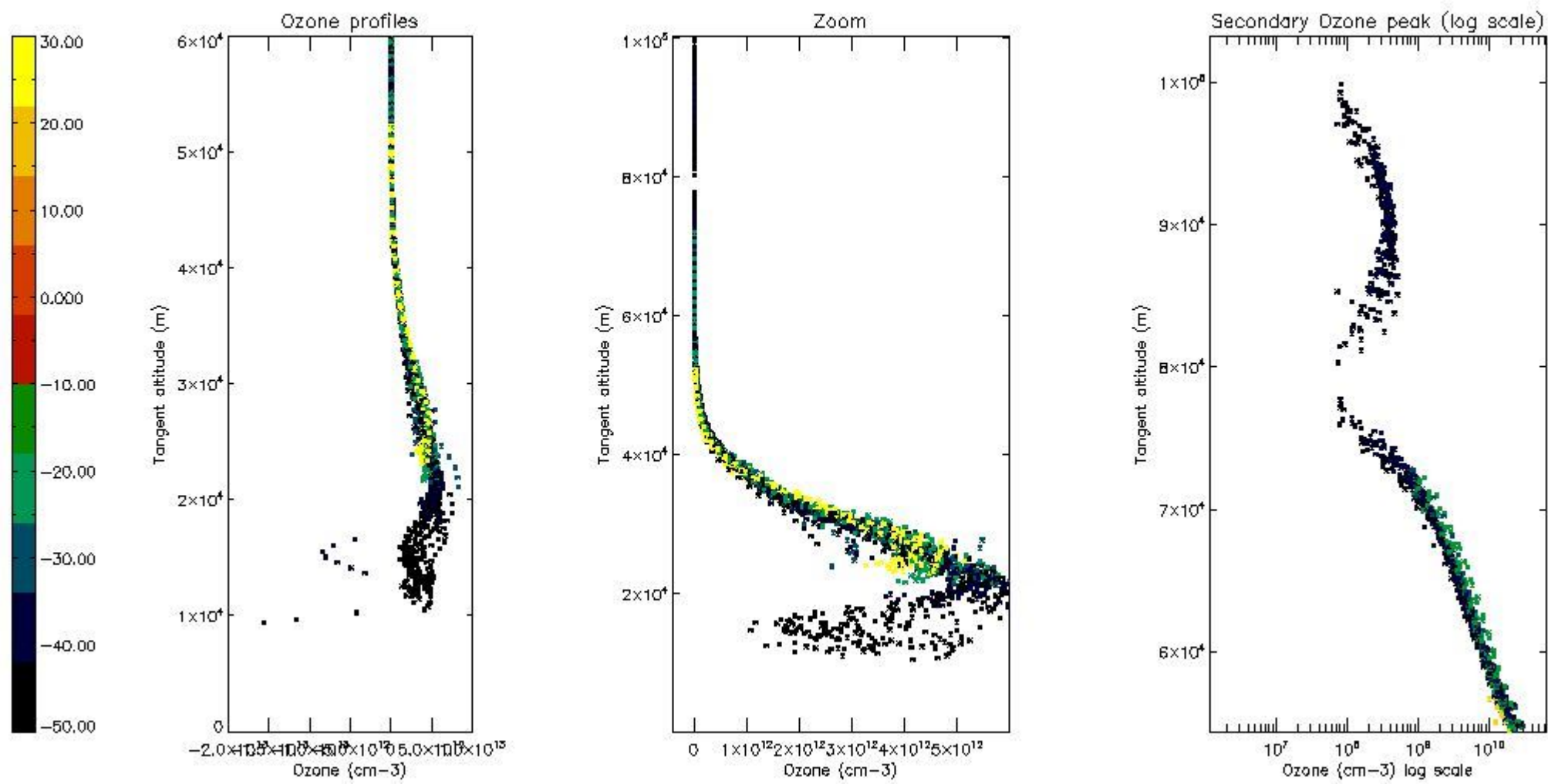
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



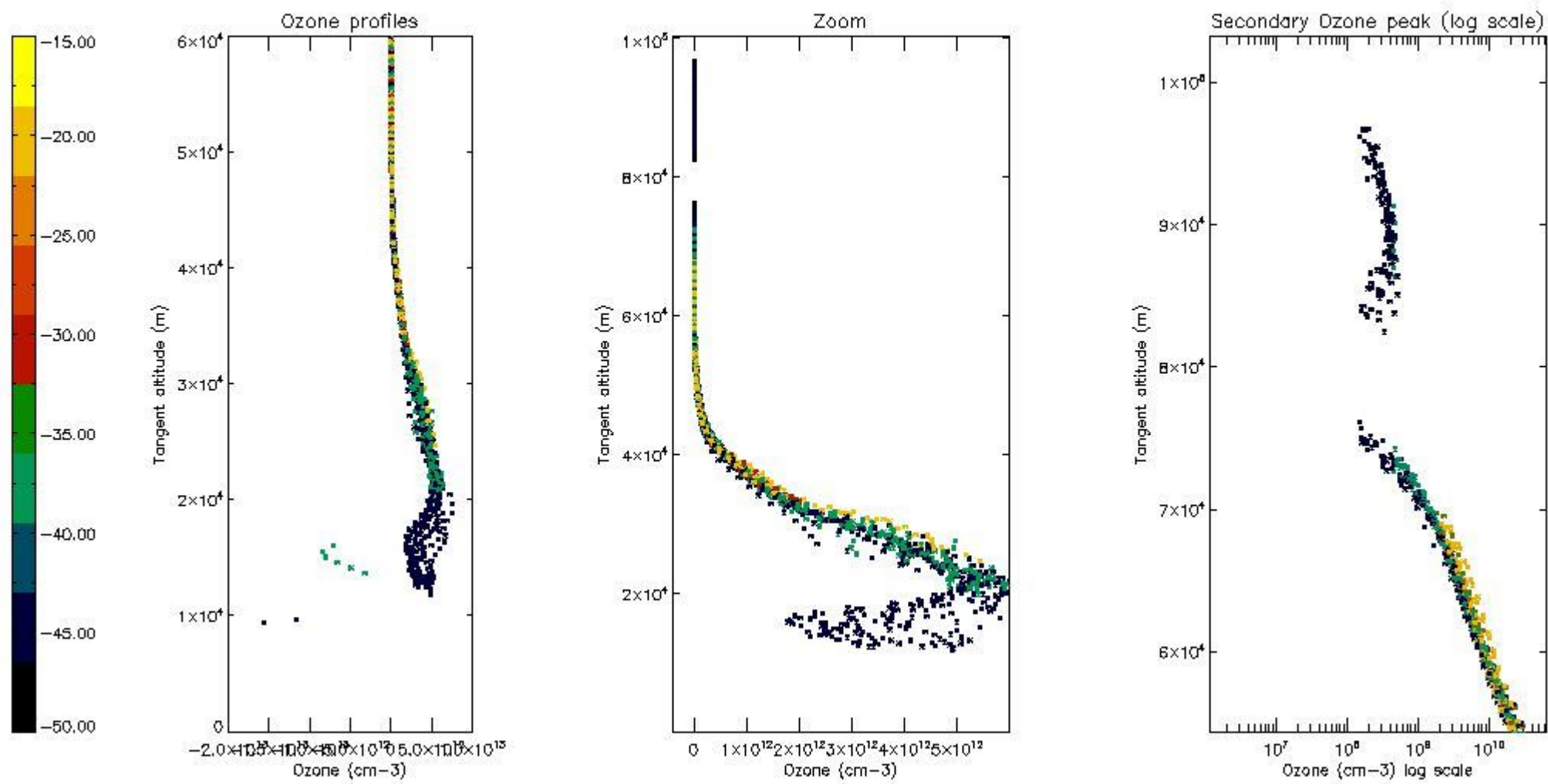
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



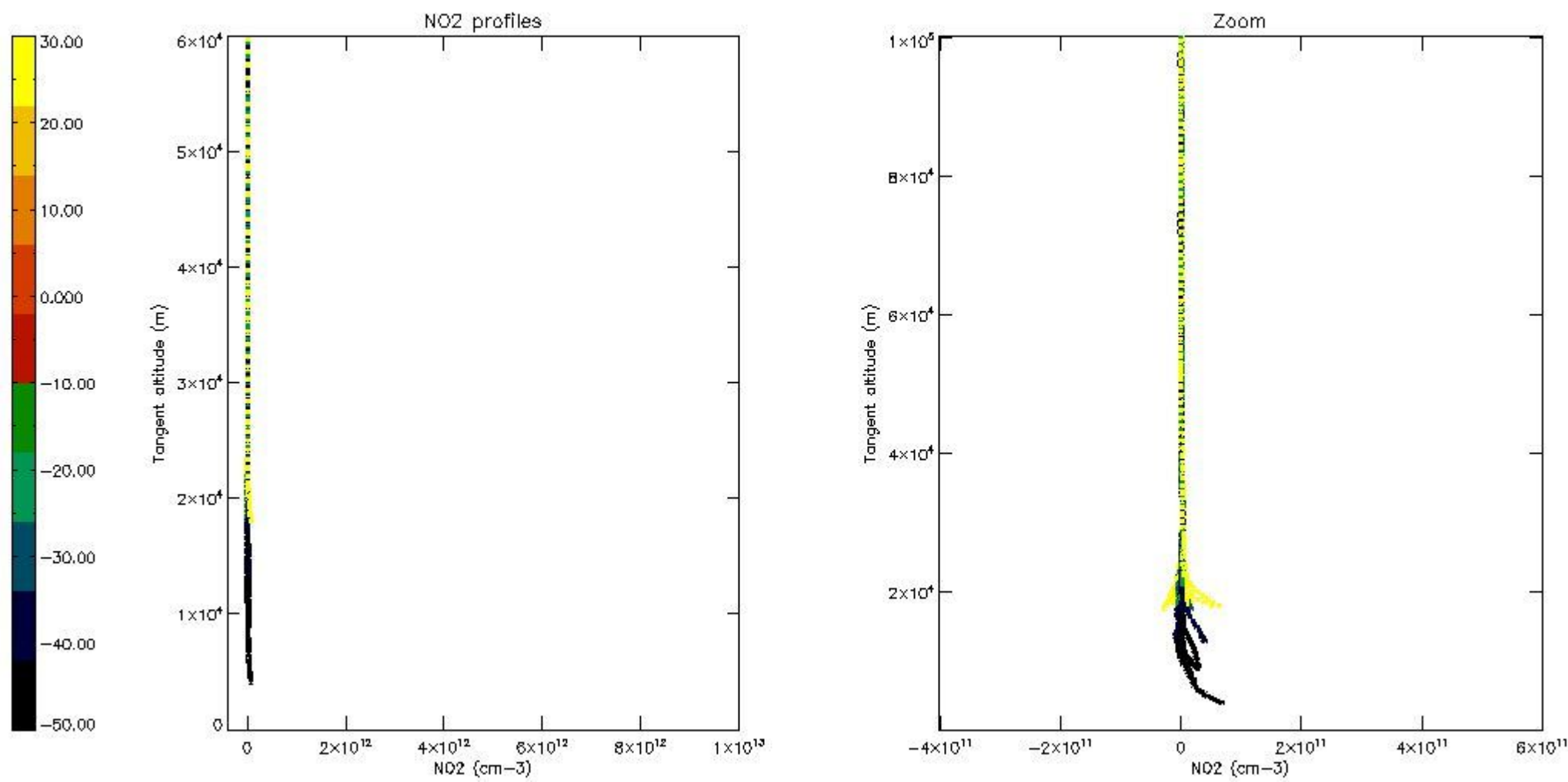
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



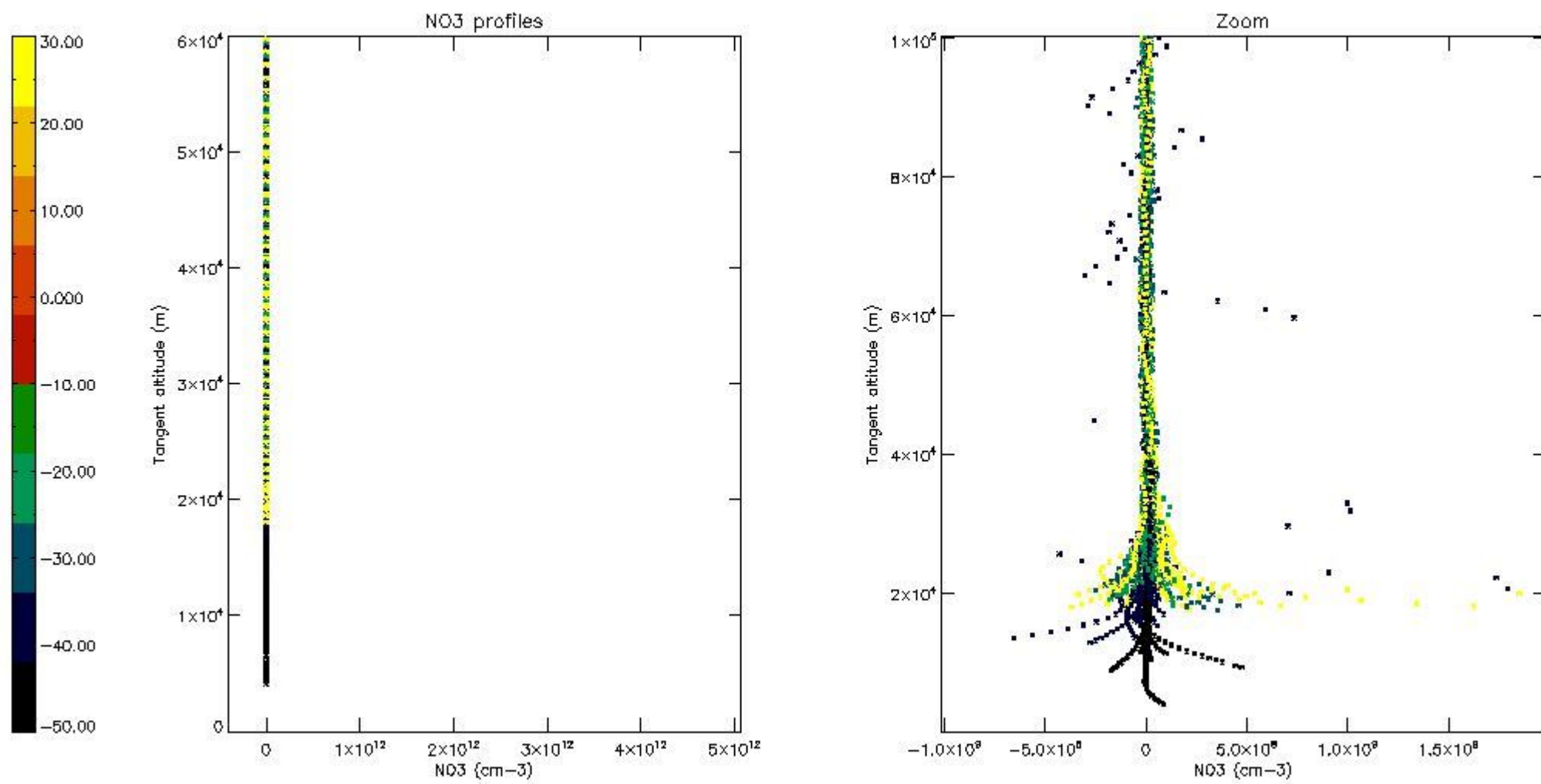
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



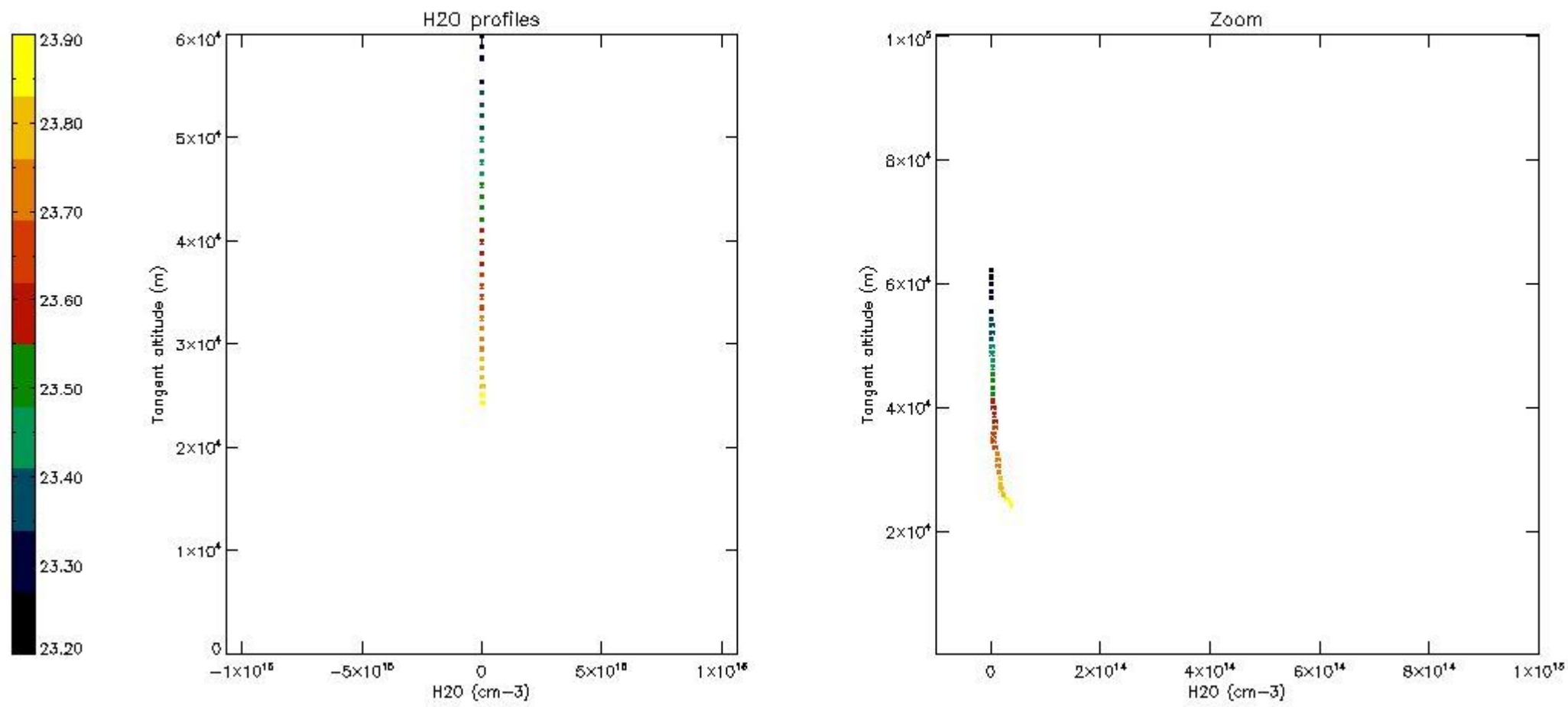
5.7 Plot NO3 profiles for all STD (dark without errors)

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	10-SEP-2009 01:28:25
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	10-SEP-2009 01:28:25
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	10-SEP-2009 01:28:25

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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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% \(dark without errors\)](#)

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[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 12:37:21
Data source version	GOMOS/6.01
Start time of products	10-09-2009 (10SEP2009 00:00:00)
Stop time of products	11-09-2009 (11SEP2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	205
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__2PRFIN20090910_012825_000000552082_00232_39364_5016.N1	10-SEP-2009 01:28:25	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39364	No
2	GOM_NL__2PRFIN20090910_013457_000000452082_00232_39364_5017.N1	10-SEP-2009 01:34:57	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	39364	No
3	GOM_NL__2PRFIN20090910_015425_000000422082_00232_39364_5018.N1	10-SEP-2009 01:54:25	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	39364	No
4	GOM_NL__2PRFIN20090910_015839_000000532082_00232_39364_5019.N1	10-SEP-2009 01:58:39	Bright	52.500	164	44Eta Peg	2.9480	5400.0	105	39364	No
5	GOM_NL__2PRFIN20090910_020855_000000422082_00232_39364_5020.N1	10-SEP-2009 02:08:55	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	39364	No
6	GOM_NL__2PRFIN20090910_021052_000000402082_00232_39364_5021.N1	10-SEP-2009 02:10:52	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	39364	No
7	GOM_NL__2PRFIN20090910_022733_000000502082_00232_39364_5022.N1	10-SEP-2009 02:27:33	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	39364	No
8	GOM_NL__2PRFIN20090910_023217_000000412082_00232_39364_5023.N1	10-SEP-2009 02:32:17	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	39364	No
9	GOM_NL__2PRFIN20090910_023643_000000652082_00232_39364_5024.N1	10-SEP-2009 02:36:43	Twilight	65.000	151	13Mu Gem	2.8900	3000.0	130	39364	No
10	GOM_NL__2PRFIN20090910_024029_000000512082_00232_39364_5025.N1	10-SEP-2009 02:40:29	Twilight	50.500	8	10Alp CMi	0.40000	6500.0	101	39364	No
11	GOM_NL__2PRFIN20090910_024856_000000572082_00232_39364_5026.N1	10-SEP-2009 02:48:56	Dark	57.000	1	9Alp CMa	-1.4400	11000.	114	39364	No
12	GOM_NL__2PRFIN20090910_025033_000000502082_00232_39364_5027.N1	10-SEP-2009 02:50:33	Dark	50.000	47	2Bet CMa	1.9760	28000.	100	39364	No
13	GOM_NL__2PRFIN20090910_025649_000000472082_00232_39364_5028.N1	10-SEP-2009 02:56:49	Dark	47.000	108	Alp Col	2.6520	15200.	94	39364	No
14	GOM_NL__2PRFIN20090910_030902_000000572082_00233_39365_5028.N1	10-SEP-2009 03:09:02	Dark	56.500	157	The1Eri	2.9060	9300.0	113	39365	No
15	GOM_NL__2PRFIN20090910_031533_000000462082_00233_39365_5029.N1	10-SEP-2009 03:15:33	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	39365	No
16	GOM_NL__2PRFIN20090910_033501_000000422082_00233_39365_5030.N1	10-SEP-2009 03:35:01	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	39365	No
17	GOM_NL__2PRFIN20090910_033915_000000392082_00233_39365_5031.N1	10-SEP-2009 03:39:15	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	39365	No
18	GOM_NL__2PRFIN20090910_034930_000000422082_00233_39365_5032.N1	10-SEP-2009 03:49:30	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	39365	No
19	GOM_NL__2PRFIN20090910_035127_000000432082_00233_39365_5033.N1	10-SEP-2009 03:51:27	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	39365	No
20	GOM_NL__2PRFIN20090910_040809_000000502082_00233_39365_5034.N1	10-SEP-2009 04:08:09	Bright	49.500	42	34Bet Aur	1.9000	10200.	99	39365	No
21	GOM_NL__2PRFIN20090910_041253_000000412082_00233_39365_5035.N1	10-SEP-2009 04:12:53	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	39365	No
22	GOM_NL__2PRFIN20090910_041720_000000672082_00233_39365_5036.N1	10-SEP-2009 04:17:20	Twilight	67.000	151	13Mu Gem	2.8900	3000.0	134	39365	No
23	GOM_NL__2PRFIN20090910_042106_000000462082_00233_39365_5037.N1	10-SEP-2009 04:21:06	Twilight	45.500	8	10Alp CMi	0.40000	6500.0	91	39365	No
24	GOM_NL__2PRFIN20090910_042933_000000592082_00233_39365_5038.N1	10-SEP-2009 04:29:33	Dark	59.000	1	9Alp CMa	-1.4400	11000.	118	39365	No
25	GOM_NL__2PRFIN20090910_043110_000000522082_00233_39365_5039.N1	10-SEP-2009 04:31:10	Dark	51.500	47	2Bet CMa	1.9760	28000.	103	39365	No
26	GOM_NL__2PRFIN20090910_043410_000000442082_00233_39365_5040.N1	10-SEP-2009 04:34:10	Dark	44.000	177	1Zet CMa	3.0220	26000.	88	39365	No
27	GOM_NL__2PRFIN20090910_043726_000000492082_00233_39365_5041.N1	10-SEP-2009 04:37:26	Dark	49.000	108	Alp Col	2.6520	15200.	98	39365	No
28	GOM_NL__2PRFIN20090910_044939_000000552082_00234_39366_5042.N1	10-SEP-2009 04:49:39	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39366	No
29	GOM_NL__2PRFIN20090910_045610_000000452082_00234_39366_5043.N1	10-SEP-2009 04:56:10	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	39366	No
30	GOM_NL__2PRFIN20090910_051536_000000432082_00234_39366_5044.N1	10-SEP-2009 05:15:36	Bright	42.500	90	54Alp Peg	2.4870	11000.	85	39366	No
31	GOM_NL__2PRFIN20090910_051950_000000392082_00234_39366_5045.N1	10-SEP-2009 05:19:50	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	39366	No
32	GOM_NL__2PRFIN20090910_053006_000000422082_00234_39366_5046.N1	10-SEP-2009 05:30:06	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	39366	No
33	GOM_NL__2PRFIN20090910_053203_000000452082_00234_39366_5047.N1	10-SEP-2009 05:32:03	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	39366	No
34	GOM_NL__2PRFIN20090910_054845_000000522082_00234_39366_5048.N1	10-SEP-2009 05:48:45	Bright	51.500	42	34Bet Aur	1.9000	10200.	103	39366	No
35	GOM_NL__2PRFIN20090910_055329_000000432082_00234_39366_5049.N1	10-SEP-2009 05:53:29	Bright	42.500	24	66Alp Gem	1.5800	10200.	85	39366	No
36	GOM_NL__2PRFIN20090910_055626_000000552082_00234_39366_5050.N1	10-SEP-2009 05:56:26	Twilight	54.500	170	27Eps Gem	3.0000	9700.0	109	39366	No
37	GOM_NL__2PRFIN20090910_055756_000000592082_00234_39366_5051.N1	10-SEP-2009 05:57:56	Twilight	59.000	151	13Mu Gem	2.8900	3000.0	118	39366	No
38	GOM_NL__2PRFIN20090910_060142_000000582082_00234_39366_5052.N1	10-SEP-2009 06:01:42	Twilight	58.000	8	10Alp CMi	0.40000	6500.0	116	39366	No
39	GOM_NL__2PRFIN20090910_061010_000000512082_00234_39366_5053.N1	10-SEP-2009 06:10:10	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	39366	No
40	GOM_NL__2PRFIN20090910_061147_000000532082_00234_39366_5054.N1	10-SEP-2009 06:11:47	Dark	53.000	47	2Bet CMa	1.9760	28000.	106	39366	No
41	GOM_NL__2PRFIN20090910_061447_000000452082_00234_39366_5055.N1	10-SEP-2009 06:14:47	Dark	44.500	177	1Zet CMa	3.0220	26000.	89	39366	No
42	GOM_NL__2PRFIN20090910_061804_000000482082_00234_39366_5056.N1	10-SEP-2009 06:18:04	Dark	48.000	108	Alp Col	2.6520	15200.	96	39366	No

43	GOM_NL__2PRFIN20090910_063016_000000542082_00235_39367_5059.N1	10-SEP-2009 06:30:16	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39367	No
44	GOM_NL__2PRFIN20090910_063647_000000462082_00235_39367_5060.N1	10-SEP-2009 06:36:47	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	39367	No
45	GOM_NL__2PRFIN20090910_065612_000000422082_00235_39367_5061.N1	10-SEP-2009 06:56:12	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	39367	No
46	GOM_NL__2PRFIN20090910_070026_000000402082_00235_39367_5062.N1	10-SEP-2009 07:00:26	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	39367	No
47	GOM_NL__2PRFIN20090910_071042_000000432082_00235_39367_5063.N1	10-SEP-2009 07:10:42	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	39367	No
48	GOM_NL__2PRFIN20090910_071238_000000442082_00235_39367_5064.N1	10-SEP-2009 07:12:38	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	39367	No
49	GOM_NL__2PRFIN20090910_072921_000000522082_00235_39367_5065.N1	10-SEP-2009 07:29:21	Bright	51.500	42	34Bet Aur	1.9000	10200.	103	39367	No
50	GOM_NL__2PRFIN20090910_073405_000000412082_00235_39367_5066.N1	10-SEP-2009 07:34:05	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	39367	No
51	GOM_NL__2PRFIN20090910_073702_000000552082_00235_39367_5067.N1	10-SEP-2009 07:37:02	Twi_and_stray	54.500	170	27Eps Gem	3.0000	9700.0	109	39367	No
52	GOM_NL__2PRFIN20090910_073833_000000592082_00235_39367_5068.N1	10-SEP-2009 07:38:33	Twi_and_stray	59.000	151	13Mu Gem	2.8900	3000.0	118	39367	No
53	GOM_NL__2PRFIN20090910_074218_000000482082_00235_39367_5069.N1	10-SEP-2009 07:42:18	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	39367	No
54	GOM_NL__2PRFIN20090910_075047_000000542082_00235_39367_5070.N1	10-SEP-2009 07:50:47	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	39367	No
55	GOM_NL__2PRFIN20090910_075224_000000542082_00235_39367_5071.N1	10-SEP-2009 07:52:24	Dark	53.500	47	2Bet CMa	1.9760	28000.	107	39367	No
56	GOM_NL__2PRFIN20090910_075523_000000472082_00235_39367_5072.N1	10-SEP-2009 07:55:23	Dark	46.500	177	1Zet CMa	3.0220	26000.	93	39367	No
57	GOM_NL__2PRFIN20090910_075841_000000492082_00235_39367_5073.N1	10-SEP-2009 07:58:41	Dark	49.000	108	Alp Col	2.6520	15200.	98	39367	No
58	GOM_NL__2PRFIN20090910_081053_000000562082_00236_39368_5091.N1	10-SEP-2009 08:10:53	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39368	No
59	GOM_NL__2PRFIN20090910_081723_000000442082_00236_39368_5092.N1	10-SEP-2009 08:17:23	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	39368	No
60	GOM_NL__2PRFIN20090910_083648_000000412082_00236_39368_5093.N1	10-SEP-2009 08:36:48	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	39368	No
61	GOM_NL__2PRFIN20090910_084102_000000392082_00236_39368_5094.N1	10-SEP-2009 08:41:02	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	39368	No
62	GOM_NL__2PRFIN20090910_085117_000000422082_00236_39368_5095.N1	10-SEP-2009 08:51:17	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	39368	No
63	GOM_NL__2PRFIN20090910_085313_000000442082_00236_39368_5096.N1	10-SEP-2009 08:53:13	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	39368	No
64	GOM_NL__2PRFIN20090910_090956_000000532082_00236_39368_5097.N1	10-SEP-2009 09:09:56	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	39368	No
65	GOM_NL__2PRFIN20090910_091441_000000442082_00236_39368_5098.N1	10-SEP-2009 09:14:41	Bright	43.500	24	66Alp Gem	1.5800	10200.	87	39368	No
66	GOM_NL__2PRFIN20090910_091739_000000562082_00236_39368_5099.N1	10-SEP-2009 09:17:39	Twi_and_stray	56.000	170	27Eps Gem	3.0000	9700.0	112	39368	No
67	GOM_NL__2PRFIN20090910_091909_000000512082_00236_39368_5100.N1	10-SEP-2009 09:19:09	Twi_and_stray	51.000	151	13Mu Gem	2.8900	3000.0	102	39368	No
68	GOM_NL__2PRFIN20090910_092106_000000592082_00236_39368_5101.N1	10-SEP-2009 09:21:06	Twi_and_stray	59.000	44	24Gam Gem	1.9280	11000.	118	39368	No
69	GOM_NL__2PRFIN20090910_092255_000000532082_00236_39368_5102.N1	10-SEP-2009 09:22:55	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	39368	No
70	GOM_NL__2PRFIN20090910_093123_000000542082_00236_39368_5103.N1	10-SEP-2009 09:31:23	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	39368	No
71	GOM_NL__2PRFIN20090910_093301_000000502082_00236_39368_5104.N1	10-SEP-2009 09:33:01	Dark	50.000	47	2Bet CMa	1.9760	28000.	100	39368	No
72	GOM_NL__2PRFIN20090910_093600_000000462082_00236_39368_5105.N1	10-SEP-2009 09:36:00	Dark	46.000	177	1Zet CMa	3.0220	26000.	92	39368	No
73	GOM_NL__2PRFIN20090910_093918_000000502082_00236_39368_5106.N1	10-SEP-2009 09:39:18	Dark	50.000	108	Alp Col	2.6520	15200.	100	39368	No
74	GOM_NL__2PRFIN20090910_095130_000000562082_00237_39369_5105.N1	10-SEP-2009 09:51:30	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39369	No
75	GOM_NL__2PRFIN20090910_095759_000000432082_00237_39369_5106.N1	10-SEP-2009 09:57:59	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	39369	No
76	GOM_NL__2PRFIN20090910_101723_000000422082_00237_39369_5107.N1	10-SEP-2009 10:17:23	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	39369	No
77	GOM_NL__2PRFIN20090910_102137_000000572082_00237_39369_5108.N1	10-SEP-2009 10:21:37	Bright	57.000	164	44Eta Peg	2.9480	5400.0	114	39369	No
78	GOM_NL__2PRFIN20090910_103152_000000432082_00237_39369_5109.N1	10-SEP-2009 10:31:52	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	39369	No
79	GOM_NL__2PRFIN20090910_103348_000000432082_00237_39369_5110.N1	10-SEP-2009 10:33:48	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	39369	No
80	GOM_NL__2PRFIN20090910_105032_000000532082_00237_39369_5111.N1	10-SEP-2009 10:50:32	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	39369	No
81	GOM_NL__2PRFIN20090910_105517_000000442082_00237_39369_5112.N1	10-SEP-2009 10:55:17	Bright	43.500	24	66Alp Gem	1.5800	10200.	87	39369	No
82	GOM_NL__2PRFIN20090910_105815_000000572082_00237_39369_5113.N1	10-SEP-2009 10:58:15	Twi_and_stray	57.000	170	27Eps Gem	3.0000	9700.0	114	39369	No
83	GOM_NL__2PRFIN20090910_105945_000000512082_00237_39369_5114.N1	10-SEP-2009 10:59:45	Twi_and_stray	51.000	151	13Mu Gem	2.8900	3000.0	102	39369	No
84	GOM_NL__2PRFIN20090910_110142_000000612082_00237_39369_5115.N1	10-SEP-2009 11:01:42	Twi_and_stray	61.000	44	24Gam Gem	1.9280	11000.	122	39369	No
85	GOM_NL__2PRFIN20090910_110331_000000562082_00237_39369_5116.N1	10-SEP-2009 11:03:31	Twilight	55.500	8	10Alp CMi	0.40000	6500.0	111	39369	No
86	GOM_NL__2PRFIN20090910_111200_000000542082_00237_39369_5117.N1	10-SEP-2009 11:12:00	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	39369	No
87	GOM_NL__2PRFIN20090910_111338_000000522082_00237_39369_5118.N1	10-SEP-2009 11:13:38	Dark	52.000	47	2Bet CMa	1.9760	28000.	104	39369	No
88	GOM_NL__2PRFIN20090910_111637_000000452082_00237_39369_5119.N1	10-SEP-2009 11:16:37	Dark	45.000	177	1Zet CMa	3.0220	26000.	90	39369	No
89	GOM_NL__2PRFIN20090910_111955_000000492082_00237_39369_5120.N1	10-SEP-2009 11:19:55	Dark	48.500	108	Alp Col	2.6520	15200.	97	39369	No
90	GOM_NL__2PRFIN20090910_113207_000000562082_00238_39370_5121.N1	10-SEP-2009 11:32:07	Dark	56.000	157	The1Eri	2.9060	9300.0	112	39370	No
91	GOM_NL__2PRFIN20090910_113836_000000492082_00238_39370_5122.N1	10-SEP-2009 11:38:36	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	39370	No
92	GOM_NL__2PRFIN20090910_115759_000000402082_00238_39370_5123.N1	10-SEP-2009 11:57:59	Bright	40.000	90	54Alp Peg	2.4870	11000.	80	39370	No
93	GOM_NL__2PRFIN20090910_120213_000000402082_00238_39370_5124.N1	10-SEP-2009 12:02:13	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	39370	No
94	GOM_NL__2PRFIN20090910_121228_000000422082_00238_39370_5125.N1	10-SEP-2009 12:12:28	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	39370	No
95	GOM_NL__2PRFIN20090910_121424_000000452082_00238_39370_5126.N1	10-SEP-2009 12:14:24	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	39370	No
96	GOM_NL__2PRFIN20090910_123108_000000532082_00238_39370_5127.N1	10-SEP-2009 12:31:08	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	39370	No
97	GOM_NL__2PRFIN20090910_123553_000000432082_00238_39370_5128.N1	10-SEP-2009 12:35:53	Bright	43.000	24	66Alp Gem	1.5800	10200.	86	39370	No
98	GOM_NL__2PRFIN20090910_123851_000000592082_00238_39370_5129.N1	10-SEP-2009 12:38:51	Twi_and_stray	58.500	170	27Eps Gem	3.0000	9700.0	117	39370	No
99	GOM_NL__2PRFIN20090910_124022_000000432082_00238_39370_5130.N1	10-SEP-2009 12:40:22	Twi_and_stray	43.000	151	13Mu Gem	2.8900	3000.0	86	39370	No
100	GOM_NL__2PRFIN20090910_124219_000000612082_00238_39370_5131.N1	10-SEP-2009 12:42:19	Twi_and_stray	61.000	44	24Gam Gem	1.9280	11000.	122	39370	No
101	GOM_NL__2PRFIN20090910_124407_000000582082_00238_39370_5132.N1	10-SEP-2009 12:44:07	Twilight	57.500	8	10Alp CMi	0.40000	6500.0	115	39370	No

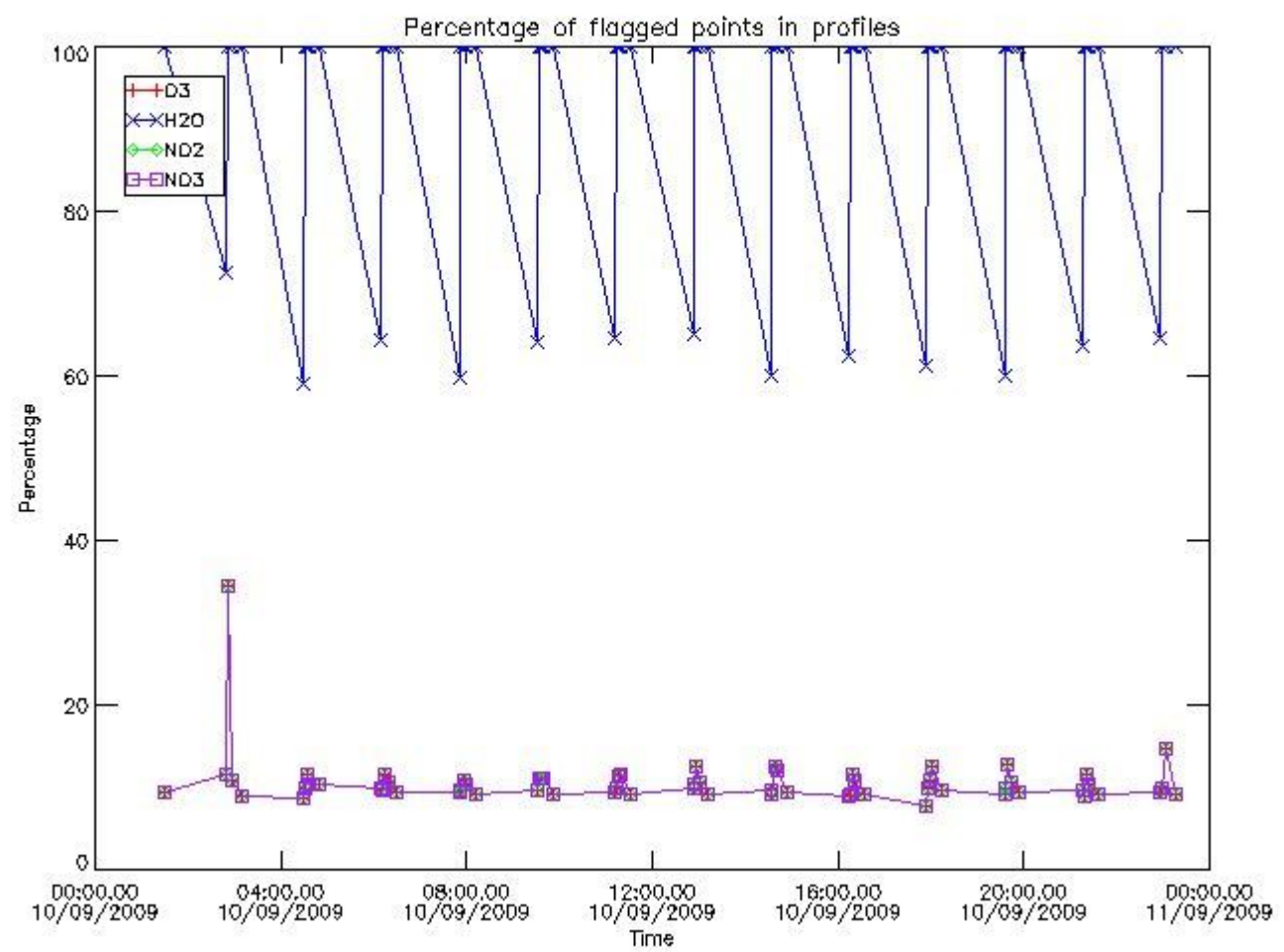
102	GOM_NL__2PRFIN20090910_125237_000000522082_00238_39370_5133.N1	10-SEP-2009 12:52:37	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	39370	No
103	GOM_NL__2PRFIN20090910_125415_000000502082_00238_39370_5134.N1	10-SEP-2009 12:54:15	Dark	49.500	47	2Bet CMa	1.9760	28000.	99	39370	No
104	GOM_NL__2PRFIN20090910_125714_000000452082_00238_39370_5135.N1	10-SEP-2009 12:57:14	Dark	45.000	177	1Zet CMa	3.0220	26000.	90	39370	No
105	GOM_NL__2PRFIN20090910_130032_000000482082_00238_39370_5136.N1	10-SEP-2009 13:00:32	Dark	48.000	108	Alp Col	2.6520	15200.	96	39370	No
106	GOM_NL__2PRFIN20090910_131244_000000562082_00239_39371_5136.N1	10-SEP-2009 13:12:44	Dark	56.000	157	The1Eri	2.9060	9300.0	112	39371	No
107	GOM_NL__2PRFIN20090910_131912_000000482082_00239_39371_5137.N1	10-SEP-2009 13:19:12	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	39371	No
108	GOM_NL__2PRFIN20090910_133835_000000482082_00239_39371_5138.N1	10-SEP-2009 13:38:35	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	39371	No
109	GOM_NL__2PRFIN20090910_134249_000000572082_00239_39371_5139.N1	10-SEP-2009 13:42:49	Bright	57.000	164	44Eta Peg	2.9480	5400.0	114	39371	No
110	GOM_NL__2PRFIN20090910_135303_000000432082_00239_39371_5140.N1	10-SEP-2009 13:53:03	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	39371	No
111	GOM_NL__2PRFIN20090910_135459_000000442082_00239_39371_5141.N1	10-SEP-2009 13:54:59	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	39371	No
112	GOM_NL__2PRFIN20090910_141143_000000532082_00239_39371_5142.N1	10-SEP-2009 14:11:43	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	39371	No
113	GOM_NL__2PRFIN20090910_141629_000000592082_00239_39371_5143.N1	10-SEP-2009 14:16:29	Bright	59.000	24	66Alp Gem	1.5800	10200.	118	39371	No
114	GOM_NL__2PRFIN20090910_141927_000000602082_00239_39371_5144.N1	10-SEP-2009 14:19:27	Tw_i_and_stray	59.500	170	27Eps Gem	3.0000	9700.0	119	39371	No
115	GOM_NL__2PRFIN20090910_142058_000000432082_00239_39371_5145.N1	10-SEP-2009 14:20:58	Tw_i_and_stray	43.000	151	13Mu Gem	2.8900	3000.0	86	39371	No
116	GOM_NL__2PRFIN20090910_142255_000000612082_00239_39371_5146.N1	10-SEP-2009 14:22:55	Tw_i_and_stray	60.500	44	24Gam Gem	1.9280	11000.	121	39371	No
117	GOM_NL__2PRFIN20090910_142444_000000572082_00239_39371_5147.N1	10-SEP-2009 14:24:44	Twilight	57.000	8	10Alp CMi	0.40000	6500.0	114	39371	No
118	GOM_NL__2PRFIN20090910_143314_000000532082_00239_39371_5148.N1	10-SEP-2009 14:33:14	Dark	53.000	1	9Alp CMa	-1.4400	11000.	106	39371	No
119	GOM_NL__2PRFIN20090910_143452_000000552082_00239_39371_5149.N1	10-SEP-2009 14:34:52	Dark	55.000	47	2Bet CMa	1.9760	28000.	110	39371	No
120	GOM_NL__2PRFIN20090910_143751_000000452082_00239_39371_5150.N1	10-SEP-2009 14:37:51	Dark	45.000	177	1Zet CMa	3.0220	26000.	90	39371	No
121	GOM_NL__2PRFIN20090910_144109_000000472082_00239_39371_5151.N1	10-SEP-2009 14:41:09	Dark	46.500	108	Alp Col	2.6520	15200.	93	39371	No
122	GOM_NL__2PRFIN20090910_145321_000000552082_00240_39372_5150.N1	10-SEP-2009 14:53:21	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39372	No
123	GOM_NL__2PRFIN20090910_145948_000000432082_00240_39372_5151.N1	10-SEP-2009 14:59:48	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	39372	No
124	GOM_NL__2PRFIN20090910_151910_000000602082_00240_39372_5152.N1	10-SEP-2009 15:19:10	Bright	60.000	90	54Alp Peg	2.4870	11000.	120	39372	No
125	GOM_NL__2PRFIN20090910_152325_000000572082_00240_39372_5153.N1	10-SEP-2009 15:23:25	Bright	57.000	164	44Eta Peg	2.9480	5400.0	114	39372	No
126	GOM_NL__2PRFIN20090910_153338_000000382082_00240_39372_5154.N1	10-SEP-2009 15:33:38	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	39372	No
127	GOM_NL__2PRFIN20090910_153534_000000412082_00240_39372_5155.N1	10-SEP-2009 15:35:34	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	39372	No
128	GOM_NL__2PRFIN20090910_155219_000000532082_00240_39372_5156.N1	10-SEP-2009 15:52:19	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	39372	No
129	GOM_NL__2PRFIN20090910_155705_000000592082_00240_39372_5157.N1	10-SEP-2009 15:57:05	Bright	59.000	24	66Alp Gem	1.5800	10200.	118	39372	No
130	GOM_NL__2PRFIN20090910_160003_000000562082_00240_39372_5158.N1	10-SEP-2009 16:00:03	Tw_i_and_stray	55.500	170	27Eps Gem	3.0000	9700.0	111	39372	No
131	GOM_NL__2PRFIN20090910_160135_000000352082_00240_39372_5159.N1	10-SEP-2009 16:01:35	Tw_i_and_stray	35.000	151	13Mu Gem	2.8900	3000.0	70	39372	No
132	GOM_NL__2PRFIN20090910_160332_000000602082_00240_39372_5160.N1	10-SEP-2009 16:03:32	Tw_i_and_stray	59.500	44	24Gam Gem	1.9280	11000.	119	39372	No
133	GOM_NL__2PRFIN20090910_160520_000000562082_00240_39372_5161.N1	10-SEP-2009 16:05:20	Twilight	55.500	8	10Alp CMi	0.40000	6500.0	111	39372	No
134	GOM_NL__2PRFIN20090910_161351_000000582082_00240_39372_5162.N1	10-SEP-2009 16:13:51	Dark	57.500	1	9Alp CMa	-1.4400	11000.	115	39372	No
135	GOM_NL__2PRFIN20090910_161529_000000552082_00240_39372_5163.N1	10-SEP-2009 16:15:29	Dark	55.000	47	2Bet CMa	1.9760	28000.	110	39372	No
136	GOM_NL__2PRFIN20090910_161828_000000452082_00240_39372_5164.N1	10-SEP-2009 16:18:28	Dark	44.500	177	1Zet CMa	3.0220	26000.	89	39372	No
137	GOM_NL__2PRFIN20090910_162146_000000482082_00240_39372_5165.N1	10-SEP-2009 16:21:46	Dark	47.500	108	Alp Col	2.6520	15200.	95	39372	No
138	GOM_NL__2PRFIN20090910_163358_000000552082_00241_39373_5166.N1	10-SEP-2009 16:33:58	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39373	No
139	GOM_NL__2PRFIN20090910_164025_000000492082_00241_39373_5167.N1	10-SEP-2009 16:40:25	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	39373	No
140	GOM_NL__2PRFIN20090910_165946_000000422082_00241_39373_5168.N1	10-SEP-2009 16:59:46	Bright	42.000	90	54Alp Peg	2.4870	11000.	84	39373	No
141	GOM_NL__2PRFIN20090910_170400_000000432082_00241_39373_5169.N1	10-SEP-2009 17:04:00	Bright	43.000	164	44Eta Peg	2.9480	5400.0	86	39373	No
142	GOM_NL__2PRFIN20090910_171414_000000432082_00241_39373_5170.N1	10-SEP-2009 17:14:14	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	39373	No
143	GOM_NL__2PRFIN20090910_171610_000000442082_00241_39373_5171.N1	10-SEP-2009 17:16:10	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	39373	No
144	GOM_NL__2PRFIN20090910_173255_000000522082_00241_39373_5172.N1	10-SEP-2009 17:32:55	Bright	52.000	42	34Bet Aur	1.9000	10200.	104	39373	No
145	GOM_NL__2PRFIN20090910_173741_000000592082_00241_39373_5173.N1	10-SEP-2009 17:37:41	Bright	59.000	24	66Alp Gem	1.5800	10200.	118	39373	No
146	GOM_NL__2PRFIN20090910_174040_000000552082_00241_39373_5174.N1	10-SEP-2009 17:40:40	Tw_i_and_stray	55.000	170	27Eps Gem	3.0000	9700.0	110	39373	No
147	GOM_NL__2PRFIN20090910_174211_000000352082_00241_39373_5175.N1	10-SEP-2009 17:42:11	Tw_i_and_stray	35.000	151	13Mu Gem	2.8900	3000.0	70	39373	No
148	GOM_NL__2PRFIN20090910_174408_000000572082_00241_39373_5176.N1	10-SEP-2009 17:44:08	Tw_i_and_stray	56.500	44	24Gam Gem	1.9280	11000.	113	39373	No
149	GOM_NL__2PRFIN20090910_174557_000000492082_00241_39373_5177.N1	10-SEP-2009 17:45:57	Twilight	48.500	8	10Alp CMi	0.40000	6500.0	97	39373	No
150	GOM_NL__2PRFIN20090910_175428_000000662082_00241_39373_5178.N1	10-SEP-2009 17:54:28	Dark	66.000	1	9Alp CMa	-1.4400	11000.	132	39373	No
151	GOM_NL__2PRFIN20090910_175606_000000512082_00241_39373_5179.N1	10-SEP-2009 17:56:06	Dark	51.000	47	2Bet CMa	1.9760	28000.	102	39373	No
152	GOM_NL__2PRFIN20090910_175905_000000472082_00241_39373_5180.N1	10-SEP-2009 17:59:05	Dark	47.000	177	1Zet CMa	3.0220	26000.	94	39373	No
153	GOM_NL__2PRFIN20090910_180223_000000492082_00241_39373_5181.N1	10-SEP-2009 18:02:23	Dark	48.500	108	Alp Col	2.6520	15200.	97	39373	No
154	GOM_NL__2PRFIN20090910_181435_000000542082_00242_39374_5183.N1	10-SEP-2009 18:14:35	Dark	53.500	157	The1Eri	2.9060	9300.0	107	39374	No
155	GOM_NL__2PRFIN20090910_182101_000000452082_00242_39374_5184.N1	10-SEP-2009 18:21:01	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	39374	No
156	GOM_NL__2PRFIN20090910_184022_000000412082_00242_39374_5185.N1	10-SEP-2009 18:40:22	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	39374	No
157	GOM_NL__2PRFIN20090910_184435_000000382082_00242_39374_5186.N1	10-SEP-2009 18:44:35	Bright	37.500	164	44Eta Peg	2.9480	5400.0	75	39374	No
158	GOM_NL__2PRFIN20090910_185449_000000622082_00242_39374_5187.N1	10-SEP-2009 18:54:49	Bright	62.000	74	11Bet Cas	2.2680	6600.0	124	39374	No
159	GOM_NL__2PRFIN20090910_185645_000000422082_00242_39374_5188.N1	10-SEP-2009 18:56:45	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	39374	No
160	GOM_NL__2PRFIN20090910_191331_000000742082_00242_39374_5189.N1	10-SEP-2009 19:13:31	Bright	74.000	42	34Bet Aur	1.9000	10200.	148	39374	No

161	GOM_NL__2PRFIN20090910_191817_000000422082_00242_39374_5190.N1	10-SEP-2009 19:18:17	Bright	42.000	24	66Alp Gem	1.5800	10200.	84	39374	No
162	GOM_NL__2PRFIN20090910_192116_000000562082_00242_39374_5191.N1	10-SEP-2009 19:21:16	Twilight	55.500	170	27Eps Gem	3.0000	9700.0	111	39374	No
163	GOM_NL__2PRFIN20090910_192247_000000272082_00242_39374_5192.N1	10-SEP-2009 19:22:47	Twilight	27.000	151	13Mu Gem	2.8900	3000.0	54	39374	No
164	GOM_NL__2PRFIN20090910_192445_000000592082_00242_39374_5193.N1	10-SEP-2009 19:24:45	Twilight	59.000	44	24Gam Gem	1.9280	11000.	118	39374	No
165	GOM_NL__2PRFIN20090910_192633_000000492082_00242_39374_5194.N1	10-SEP-2009 19:26:33	Twilight	48.500	8	10Alp CMi	0.40000	6500.0	97	39374	No
166	GOM_NL__2PRFIN20090910_193504_000000562082_00242_39374_5195.N1	10-SEP-2009 19:35:04	Dark	55.500	1	9Alp CMA	-1.4400	11000.	111	39374	No
167	GOM_NL__2PRFIN20090910_193643_000000522082_00242_39374_5196.N1	10-SEP-2009 19:36:43	Dark	51.500	47	2Bet CMA	1.9760	28000.	103	39374	No
168	GOM_NL__2PRFIN20090910_193942_000000442082_00242_39374_5197.N1	10-SEP-2009 19:39:42	Dark	44.000	177	1Zet CMA	3.0220	26000.	88	39374	No
169	GOM_NL__2PRFIN20090910_194300_000000492082_00242_39374_5198.N1	10-SEP-2009 19:43:00	Dark	48.500	108	Alp Col	2.6520	15200.	97	39374	No
170	GOM_NL__2PRFIN20090910_195512_000000542082_00243_39375_5200.N1	10-SEP-2009 19:55:12	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39375	No
171	GOM_NL__2PRFIN20090910_200138_000000452082_00243_39375_5201.N1	10-SEP-2009 20:01:38	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	39375	No
172	GOM_NL__2PRFIN20090910_202057_000000422082_00243_39375_5202.N1	10-SEP-2009 20:20:57	Bright	42.000	90	54Alp Peg	2.4870	11000.	84	39375	No
173	GOM_NL__2PRFIN20090910_202512_000000572082_00243_39375_5203.N1	10-SEP-2009 20:25:12	Bright	57.000	164	44Eta Peg	2.9480	5400.0	114	39375	No
174	GOM_NL__2PRFIN20090910_203525_000000422082_00243_39375_5204.N1	10-SEP-2009 20:35:25	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	39375	No
175	GOM_NL__2PRFIN20090910_203720_000000442082_00243_39375_5205.N1	10-SEP-2009 20:37:20	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	39375	No
176	GOM_NL__2PRFIN20090910_205406_000000512082_00243_39375_5206.N1	10-SEP-2009 20:54:06	Bright	51.000	42	34Bet Aur	1.9000	10200.	102	39375	No
177	GOM_NL__2PRFIN20090910_205854_000000432082_00243_39375_5207.N1	10-SEP-2009 20:58:54	Bright	43.000	24	66Alp Gem	1.5800	10200.	86	39375	No
178	GOM_NL__2PRFIN20090910_210152_000000572082_00243_39375_5208.N1	10-SEP-2009 21:01:52	Twilight	56.500	170	27Eps Gem	3.0000	9700.0	113	39375	No
179	GOM_NL__2PRFIN20090910_210324_000000272082_00243_39375_5209.N1	10-SEP-2009 21:03:24	Twilight	27.000	151	13Mu Gem	2.8900	3000.0	54	39375	No
180	GOM_NL__2PRFIN20090910_210521_000000602082_00243_39375_5210.N1	10-SEP-2009 21:05:21	Twilight	60.000	44	24Gam Gem	1.9280	11000.	120	39375	No
181	GOM_NL__2PRFIN20090910_210709_000000592082_00243_39375_5211.N1	10-SEP-2009 21:07:09	Twilight	59.000	8	10Alp CMi	0.40000	6500.0	118	39375	No
182	GOM_NL__2PRFIN20090910_211541_000000532082_00243_39375_5212.N1	10-SEP-2009 21:15:41	Dark	52.500	1	9Alp CMA	-1.4400	11000.	105	39375	No
183	GOM_NL__2PRFIN20090910_211720_000000572082_00243_39375_5213.N1	10-SEP-2009 21:17:20	Dark	56.500	47	2Bet CMA	1.9760	28000.	113	39375	No
184	GOM_NL__2PRFIN20090910_212018_000000452082_00243_39375_5214.N1	10-SEP-2009 21:20:18	Dark	44.500	177	1Zet CMA	3.0220	26000.	89	39375	No
185	GOM_NL__2PRFIN20090910_212337_000000502082_00243_39375_5215.N1	10-SEP-2009 21:23:37	Dark	49.500	108	Alp Col	2.6520	15200.	99	39375	No
186	GOM_NL__2PRFIN20090910_213549_000000562082_00244_39376_5239.N1	10-SEP-2009 21:35:49	Dark	56.000	157	The1Eri	2.9060	9300.0	112	39376	No
187	GOM_NL__2PRFIN20090910_214214_000000462082_00244_39376_5240.N1	10-SEP-2009 21:42:14	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	39376	No
188	GOM_NL__2PRFIN20090910_220133_000000492082_00244_39376_5241.N1	10-SEP-2009 22:01:33	Bright	48.500	90	54Alp Peg	2.4870	11000.	97	39376	No
189	GOM_NL__2PRFIN20090910_220547_000000372082_00244_39376_5242.N1	10-SEP-2009 22:05:47	Bright	37.000	164	44Eta Peg	2.9480	5400.0	74	39376	No
190	GOM_NL__2PRFIN20090910_221600_000000432082_00244_39376_5243.N1	10-SEP-2009 22:16:00	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	39376	No
191	GOM_NL__2PRFIN20090910_221756_000000452082_00244_39376_5244.N1	10-SEP-2009 22:17:56	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	39376	No
192	GOM_NL__2PRFIN20090910_223442_000000532082_00244_39376_5245.N1	10-SEP-2009 22:34:42	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	39376	No
193	GOM_NL__2PRFIN20090910_223929_000000472082_00244_39376_5246.N1	10-SEP-2009 22:39:29	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	39376	No
194	GOM_NL__2PRFIN20090910_224228_000000572082_00244_39376_5247.N1	10-SEP-2009 22:42:28	Twilight	56.500	170	27Eps Gem	3.0000	9700.0	113	39376	No
195	GOM_NL__2PRFIN20090910_224558_000000592082_00244_39376_5248.N1	10-SEP-2009 22:45:58	Twilight	59.000	44	24Gam Gem	1.9280	11000.	118	39376	No
196	GOM_NL__2PRFIN20090910_224746_000000462082_00244_39376_5249.N1	10-SEP-2009 22:47:46	Twilight	45.500	8	10Alp CMi	0.40000	6500.0	91	39376	No
197	GOM_NL__2PRFIN20090910_225618_000000542082_00244_39376_5250.N1	10-SEP-2009 22:56:18	Dark	54.000	1	9Alp CMA	-1.4400	11000.	108	39376	No
198	GOM_NL__2PRFIN20090910_225757_000000522082_00244_39376_5251.N1	10-SEP-2009 22:57:57	Dark	52.000	47	2Bet CMA	1.9760	28000.	104	39376	No
199	GOM_NL__2PRFIN20090910_230414_000000482082_00244_39376_5252.N1	10-SEP-2009 23:04:14	Dark	48.000	108	Alp Col	2.6520	15200.	96	39376	No
200	GOM_NL__2PRFIN20090910_231626_000000562082_00245_39377_5257.N1	10-SEP-2009 23:16:26	Dark	56.000	157	The1Eri	2.9060	9300.0	112	39377	No
201	GOM_NL__2PRFIN20090910_232250_000000462082_00245_39377_5258.N1	10-SEP-2009 23:22:50	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	39377	No
202	GOM_NL__2PRFIN20090910_234209_000000422082_00245_39377_5259.N1	10-SEP-2009 23:42:09	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	39377	No
203	GOM_NL__2PRFIN20090910_234622_000000372082_00245_39377_5260.N1	10-SEP-2009 23:46:22	Bright	37.000	164	44Eta Peg	2.9480	5400.0	74	39377	No
204	GOM_NL__2PRFIN20090910_235635_000000402082_00245_39377_5261.N1	10-SEP-2009 23:56:35	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	39377	No
205	GOM_NL__2PRFIN20090910_235831_000000452082_00245_39377_5262.N1	10-SEP-2009 23:58:31	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	39377	No

3. Quality information per product

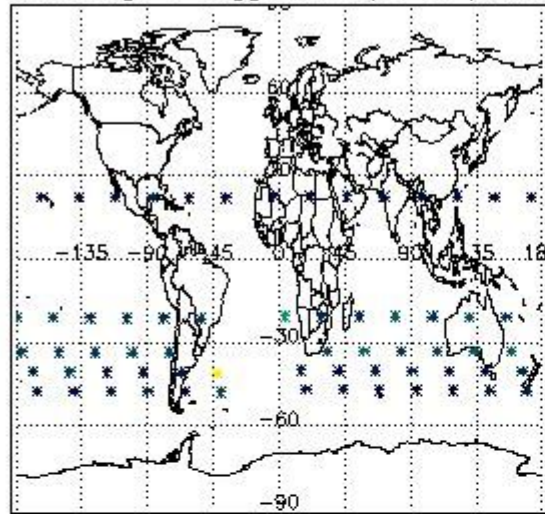
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

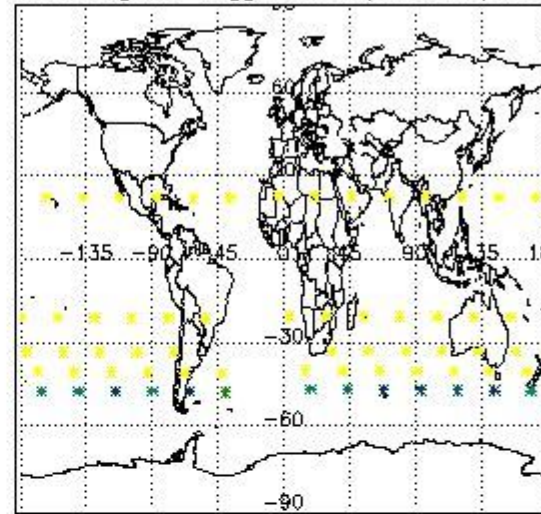


3.2 Plot quality information per product (world map)

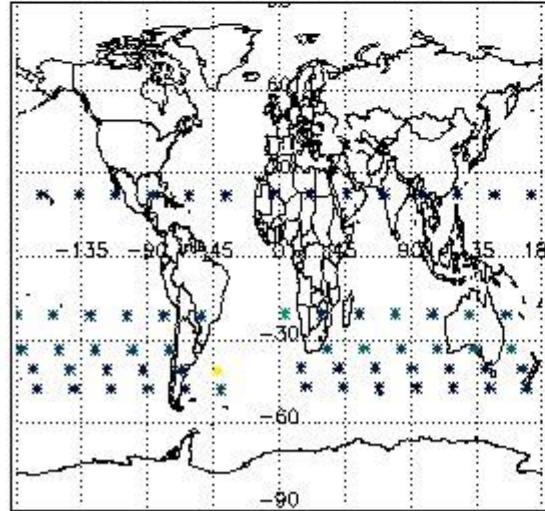
Percentage of flagged data per O3 profile



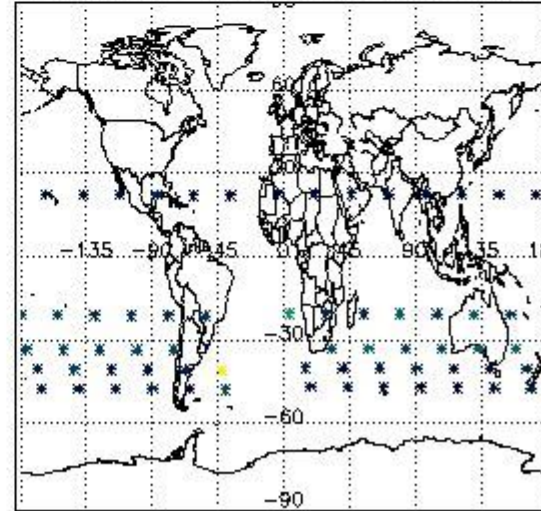
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

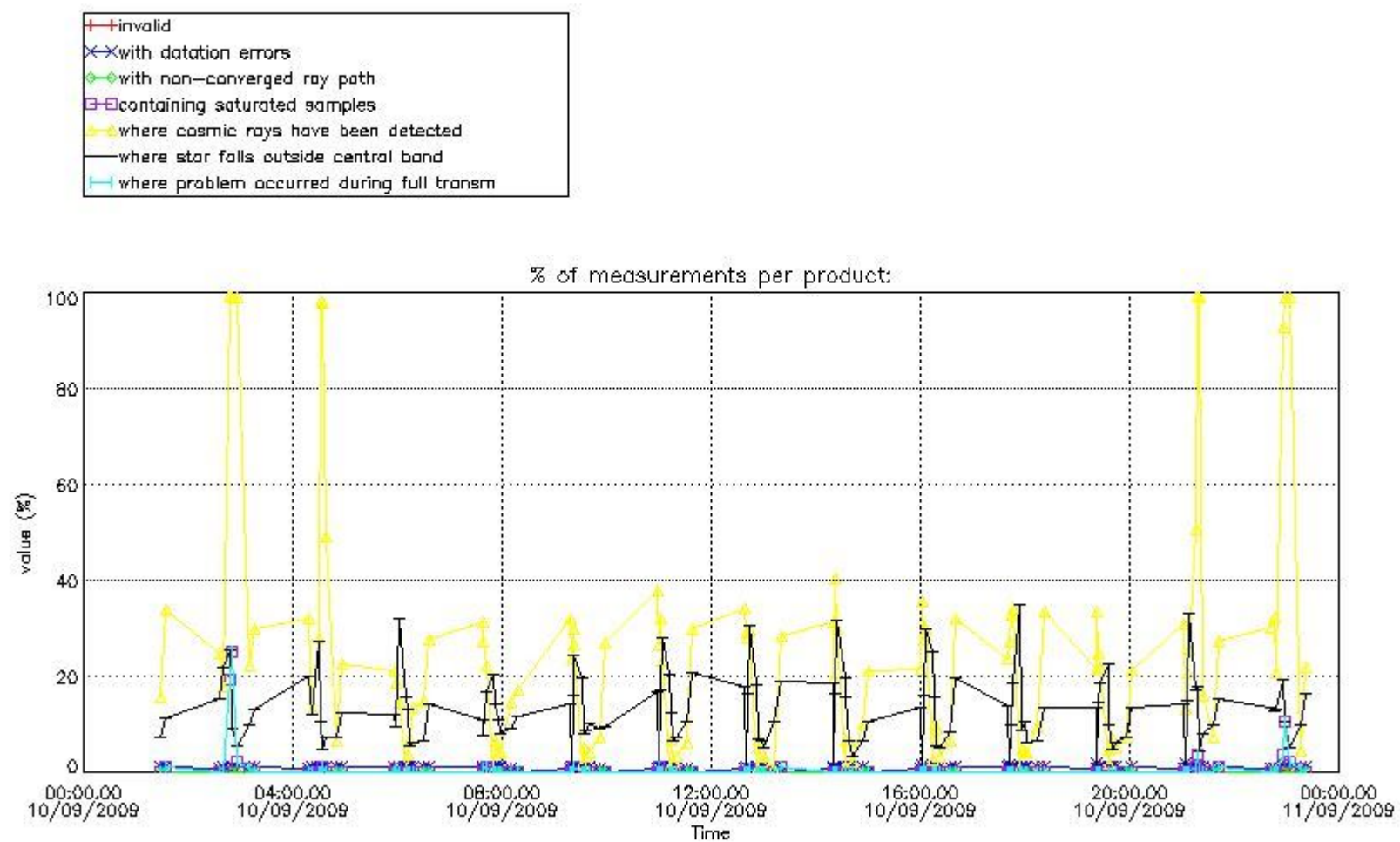


4. Level 1 quality information per product

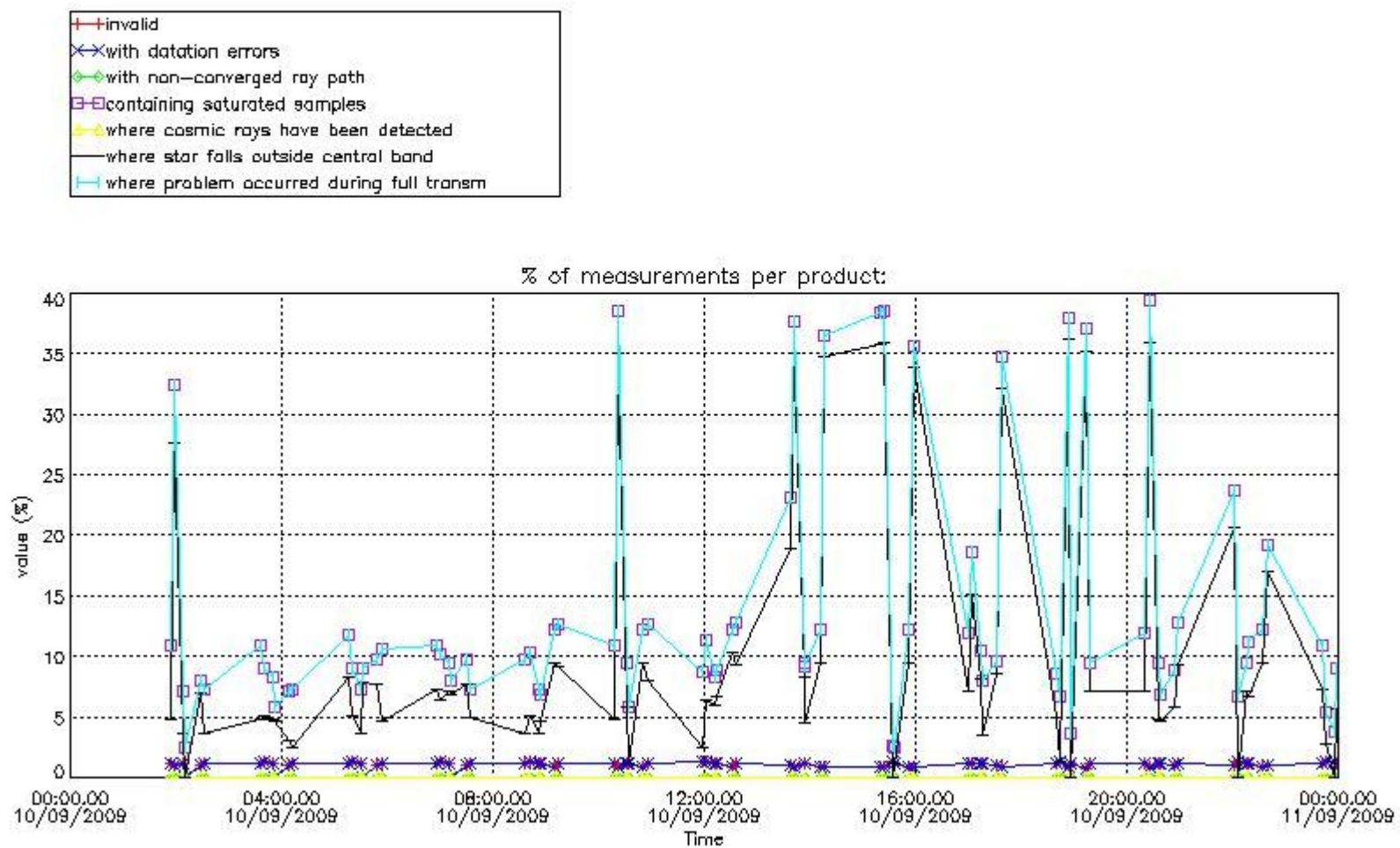
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

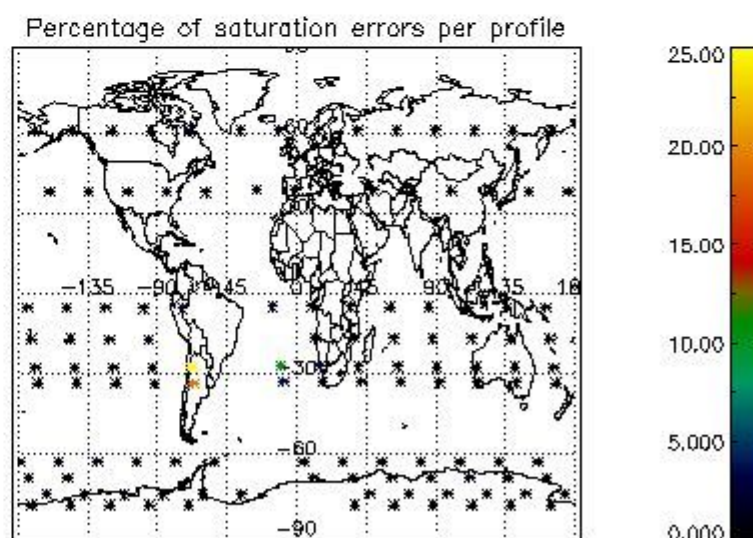
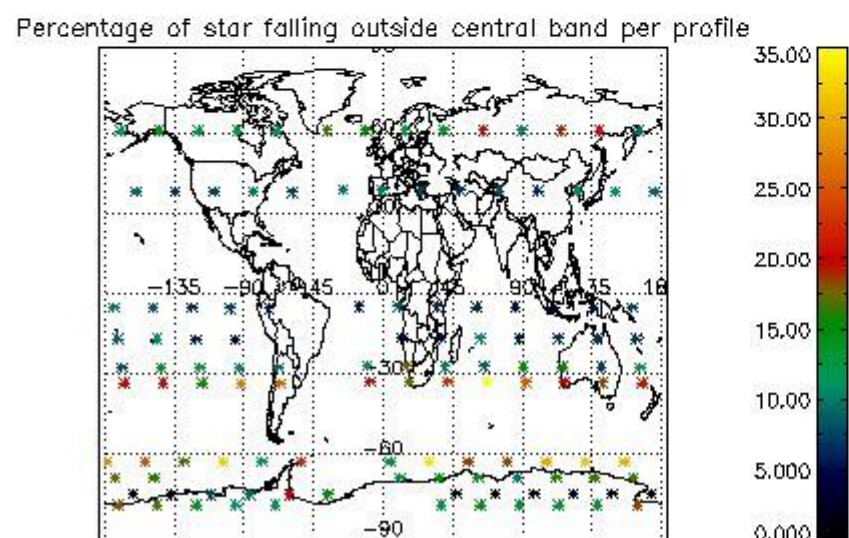
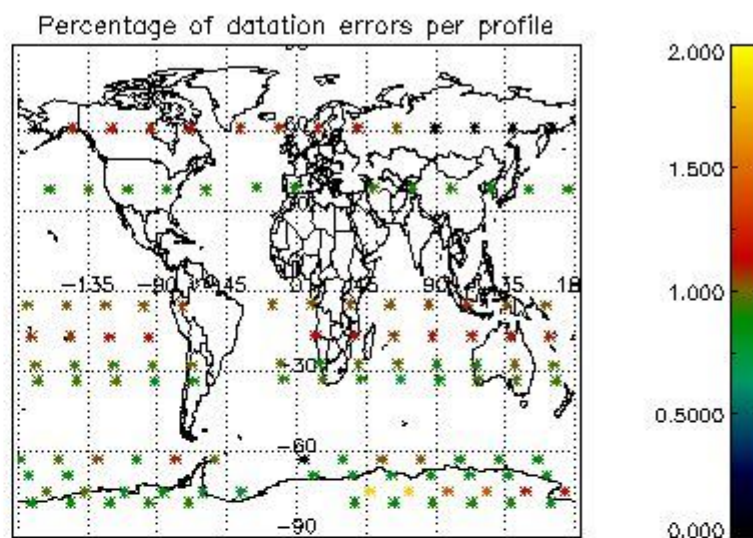
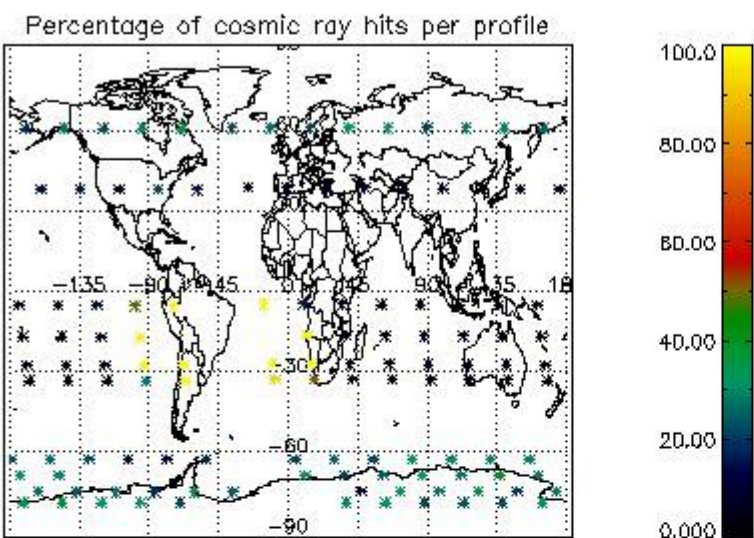


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

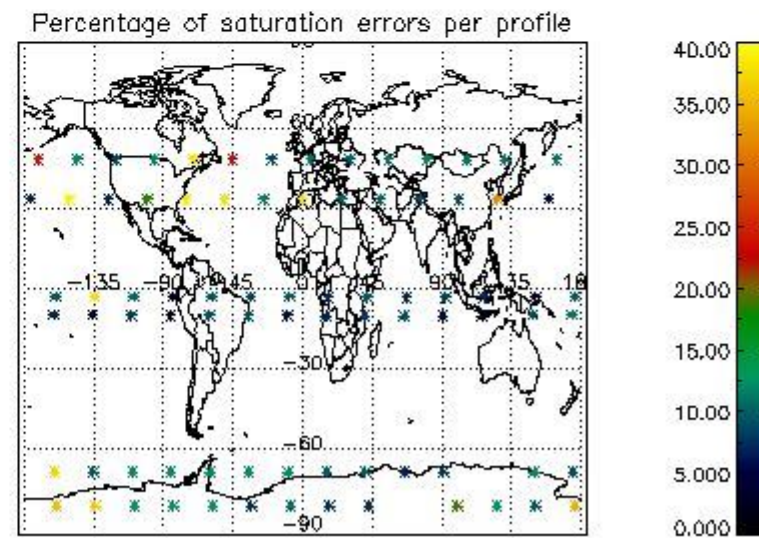
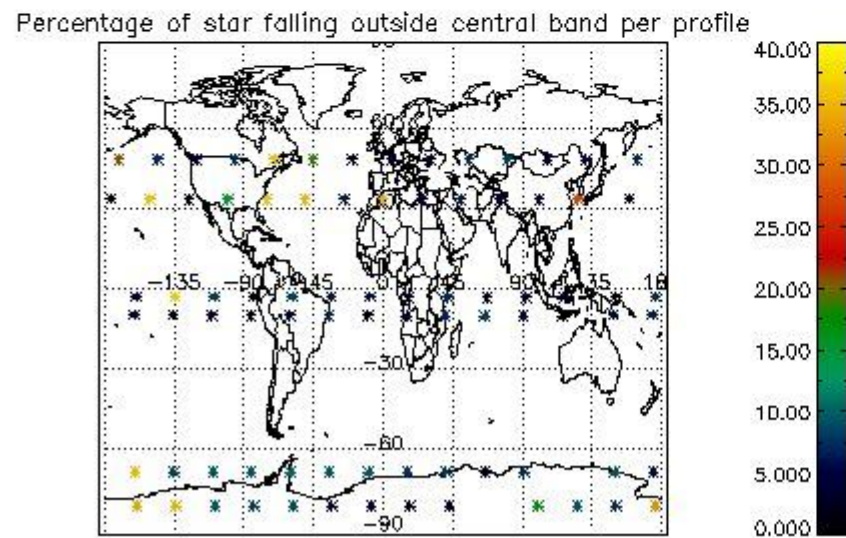
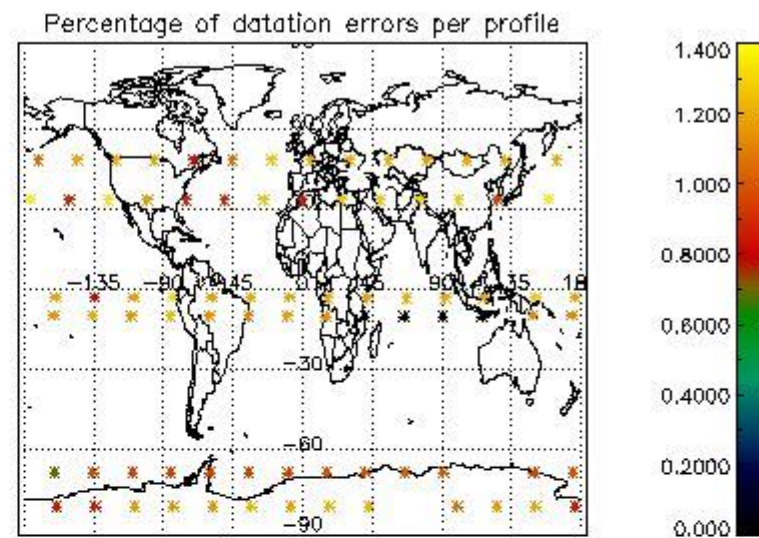
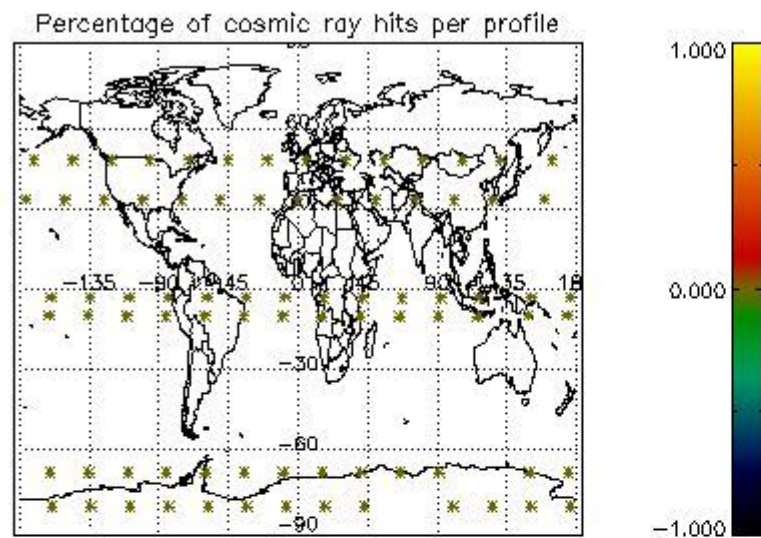


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

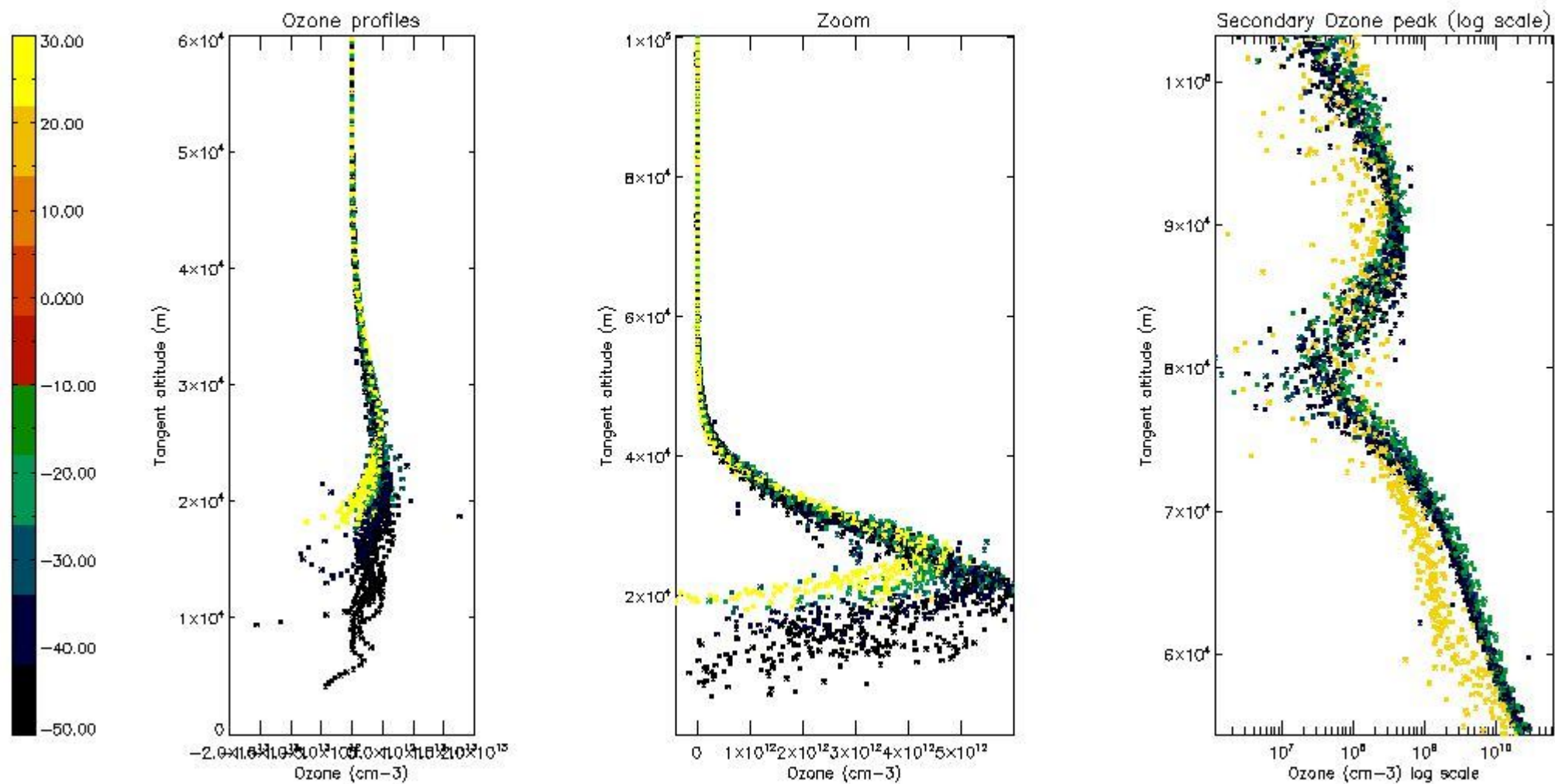
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	18
STD < 5	12

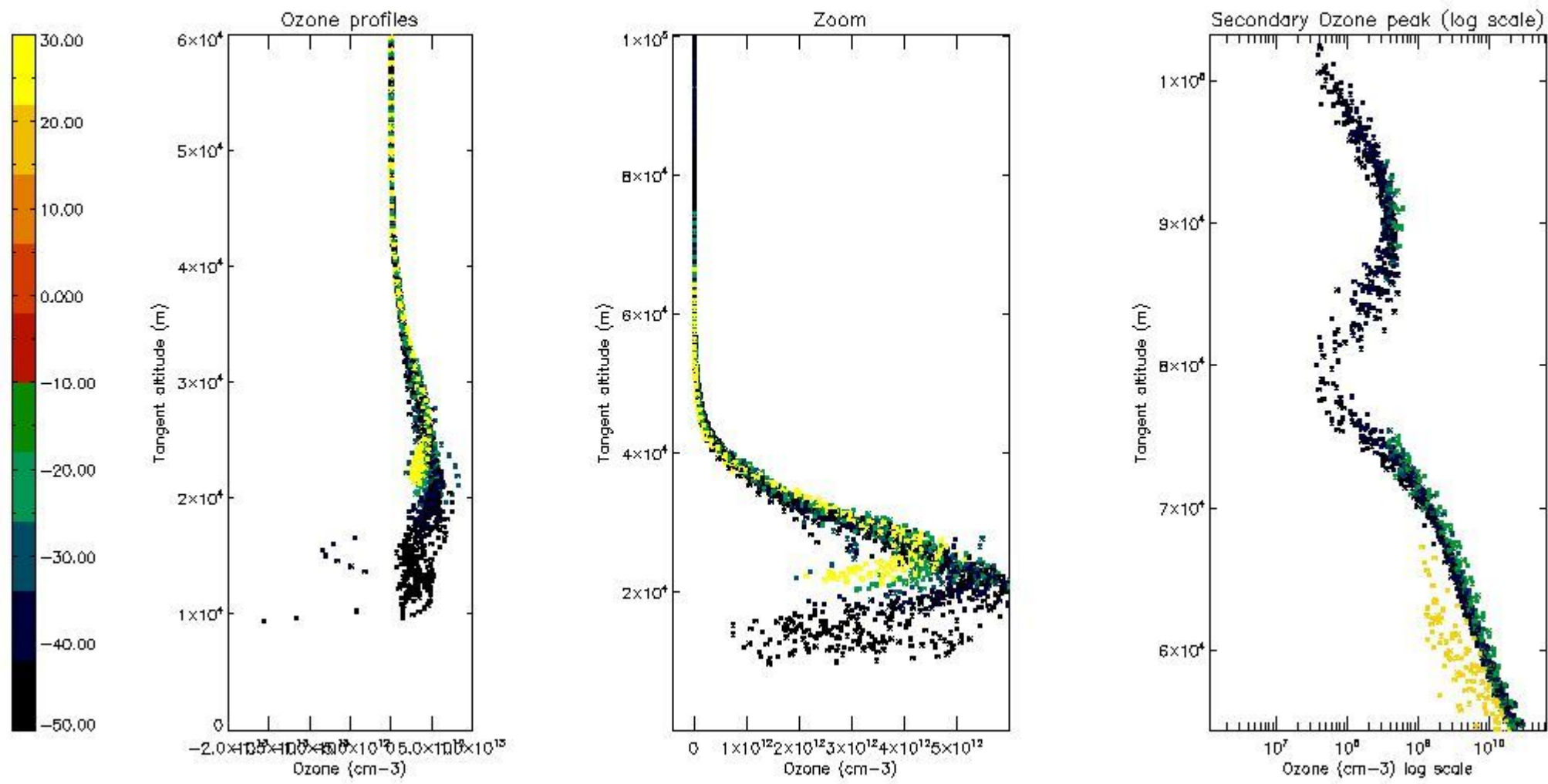
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



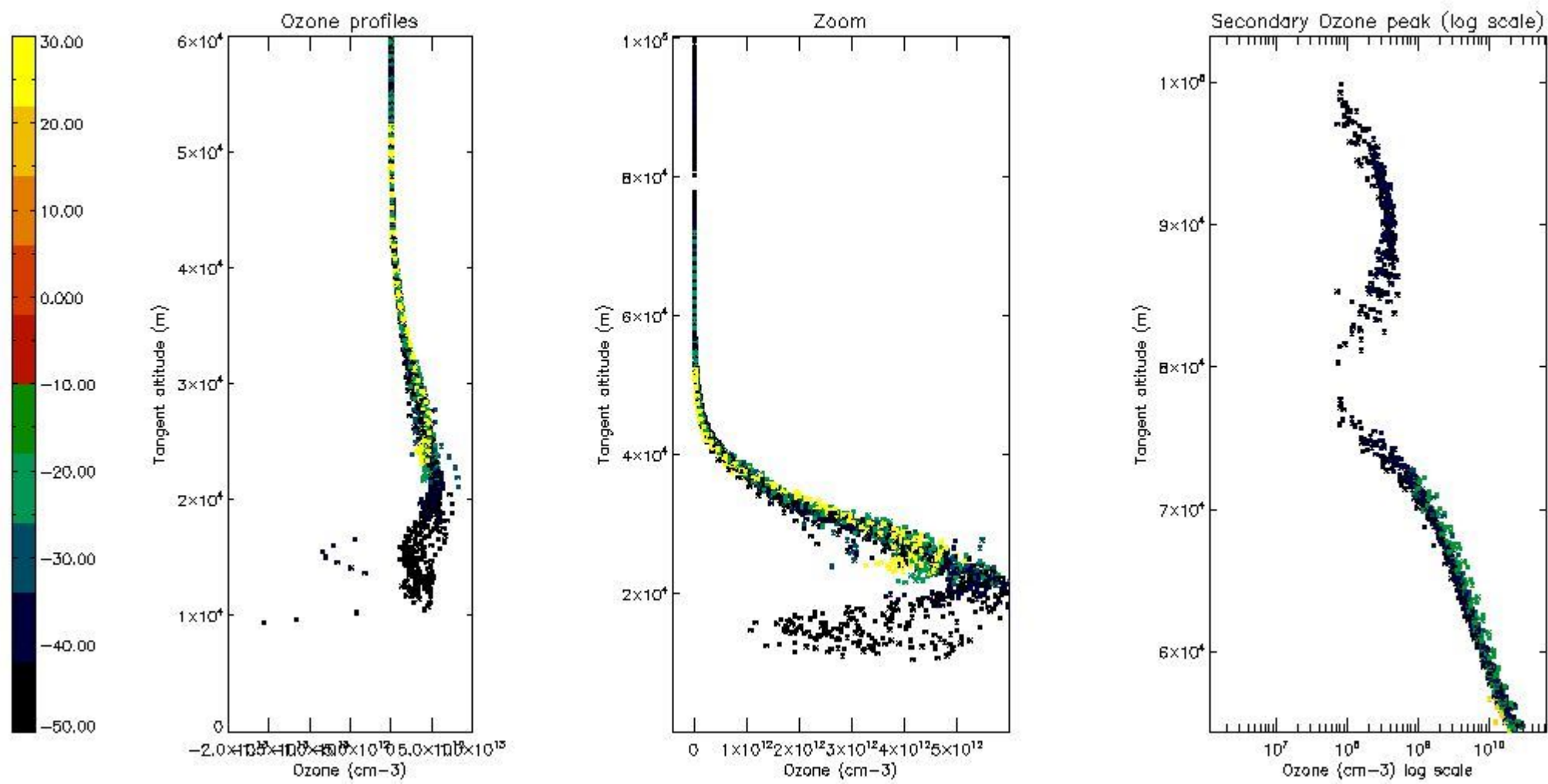
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



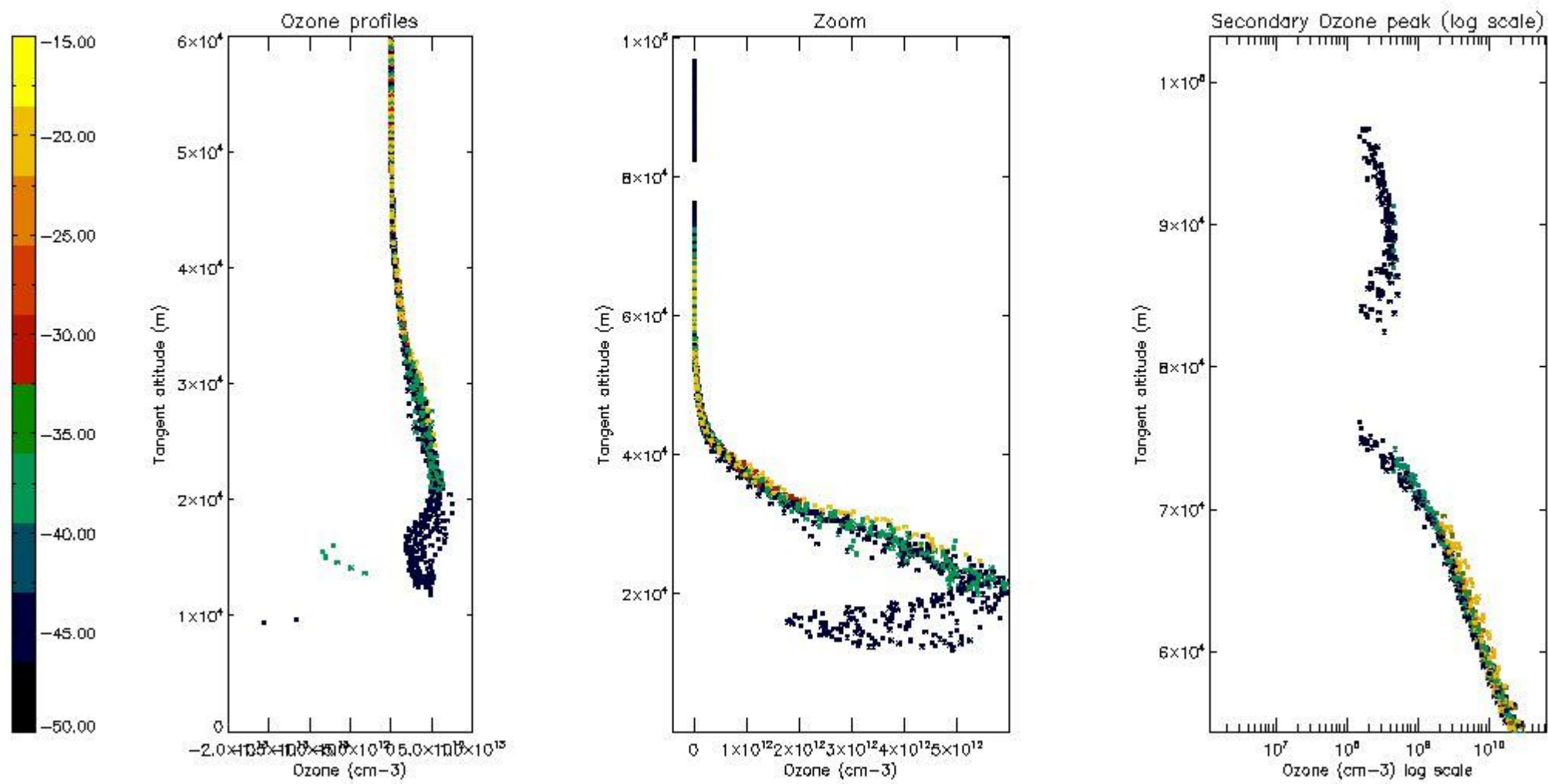
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



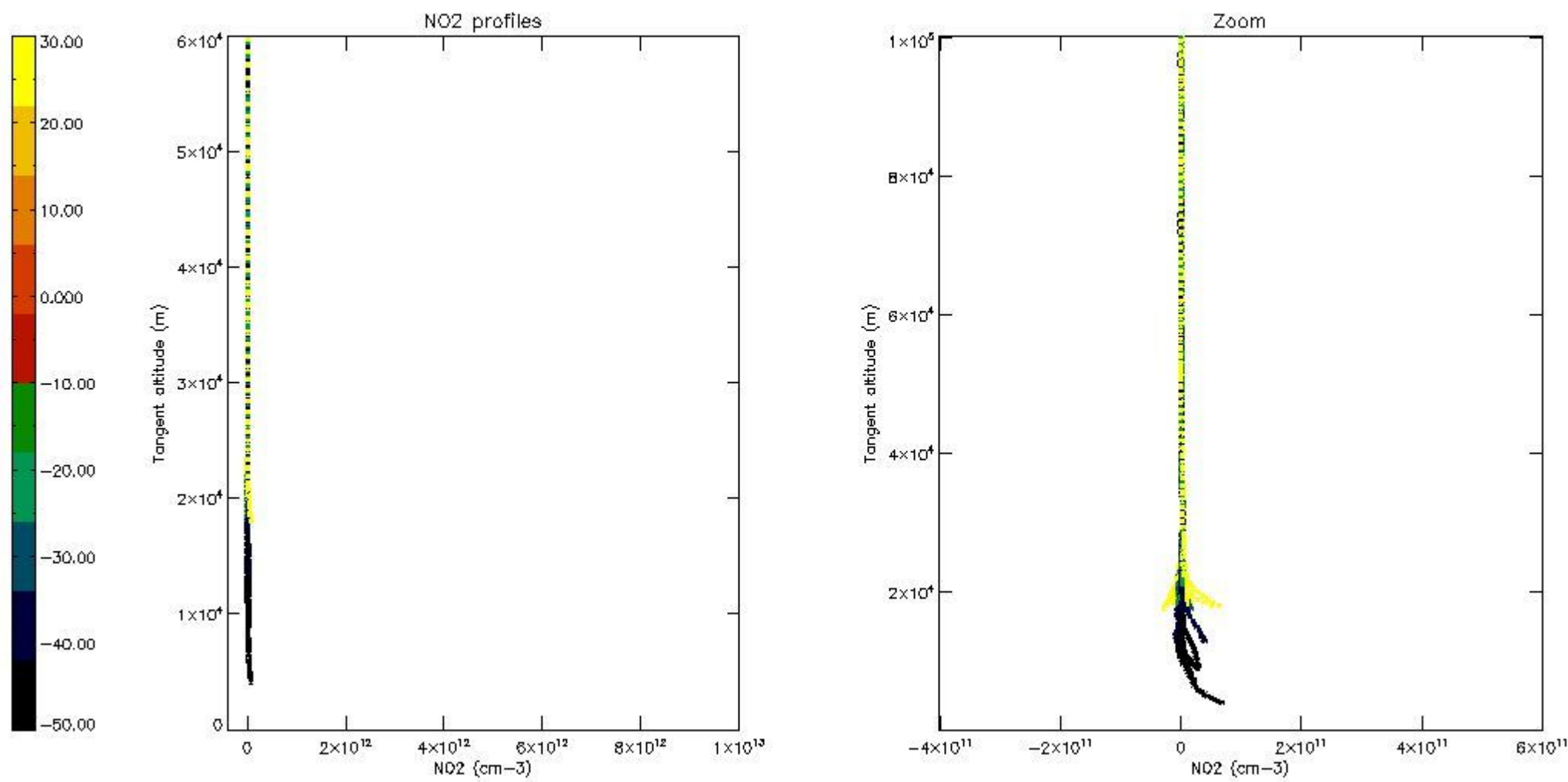
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



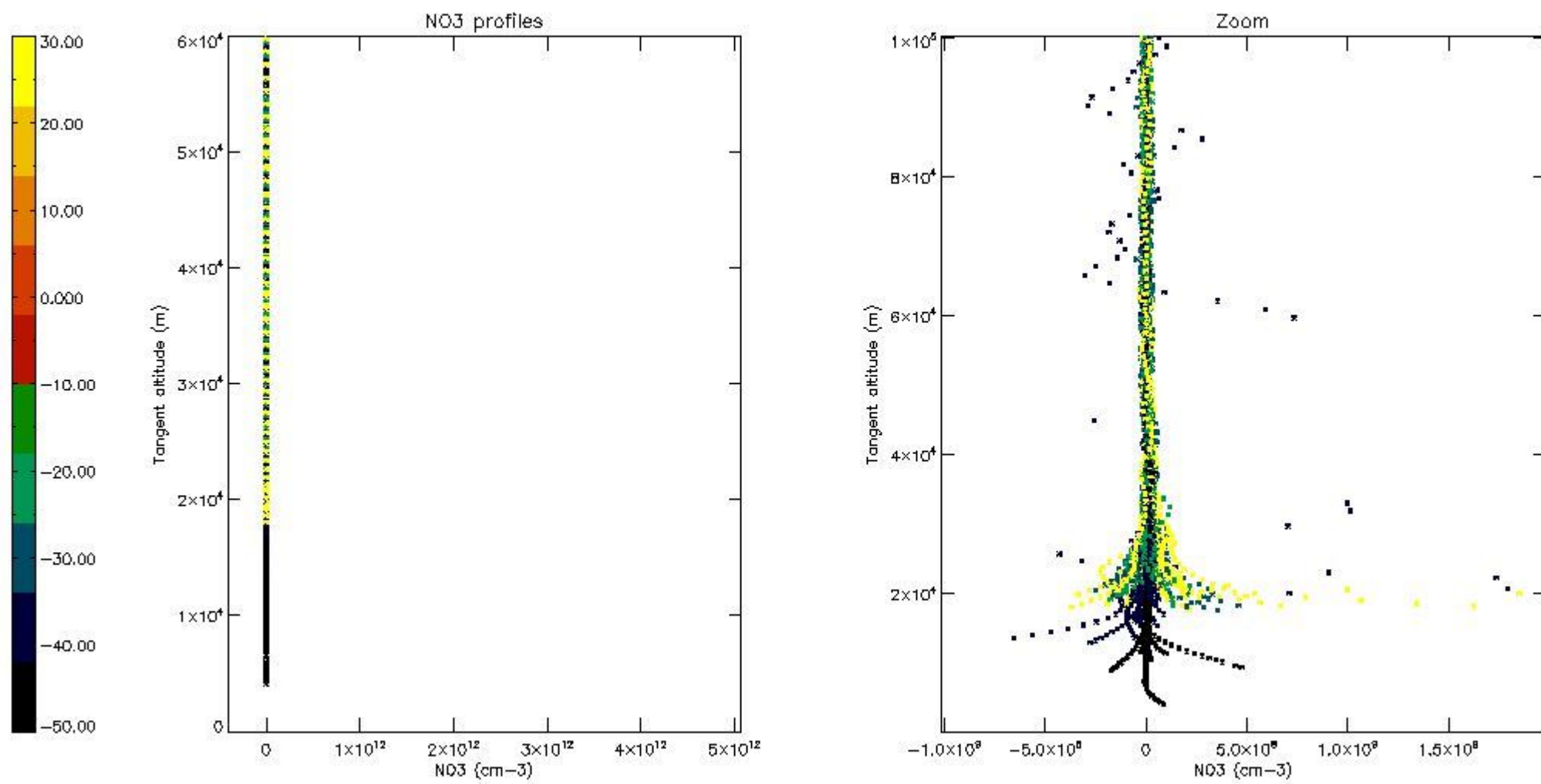
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



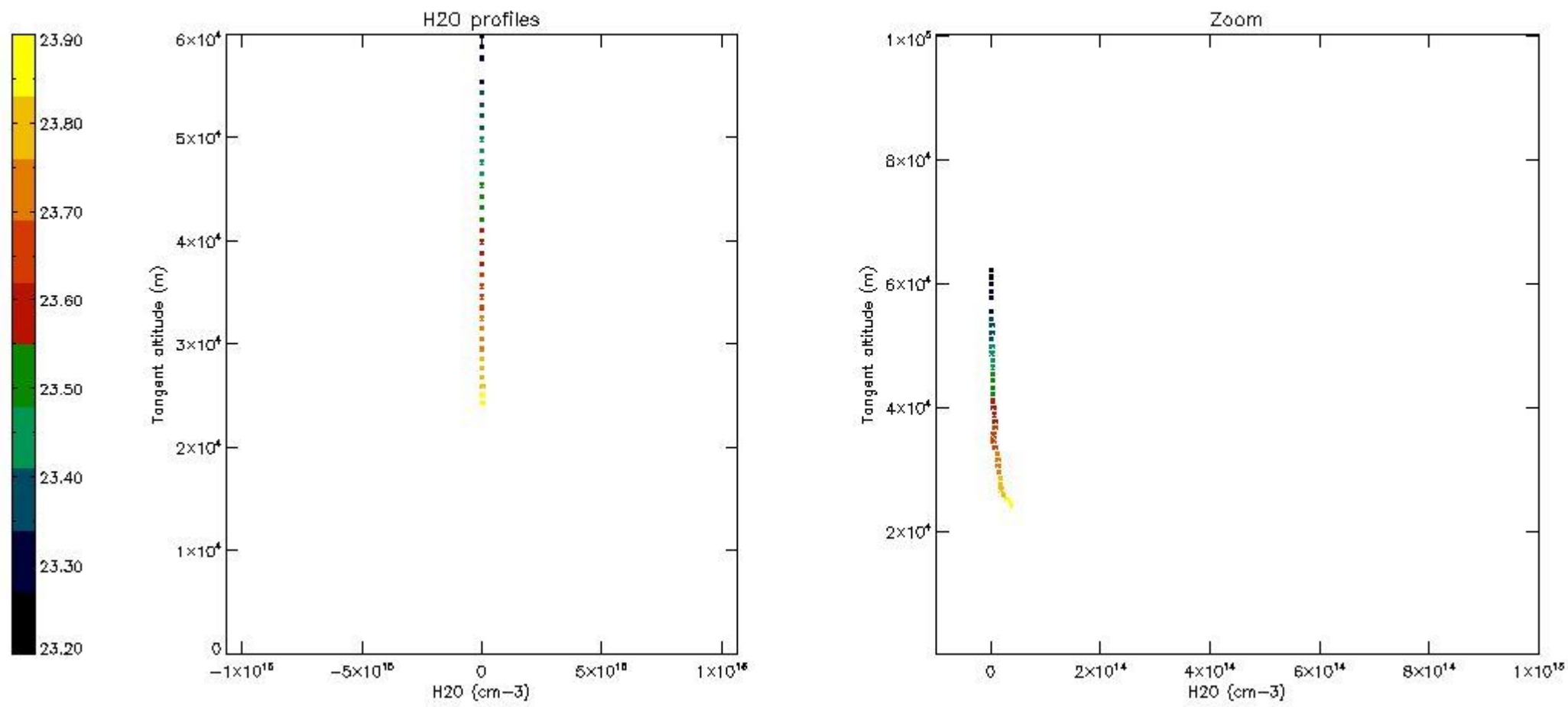
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

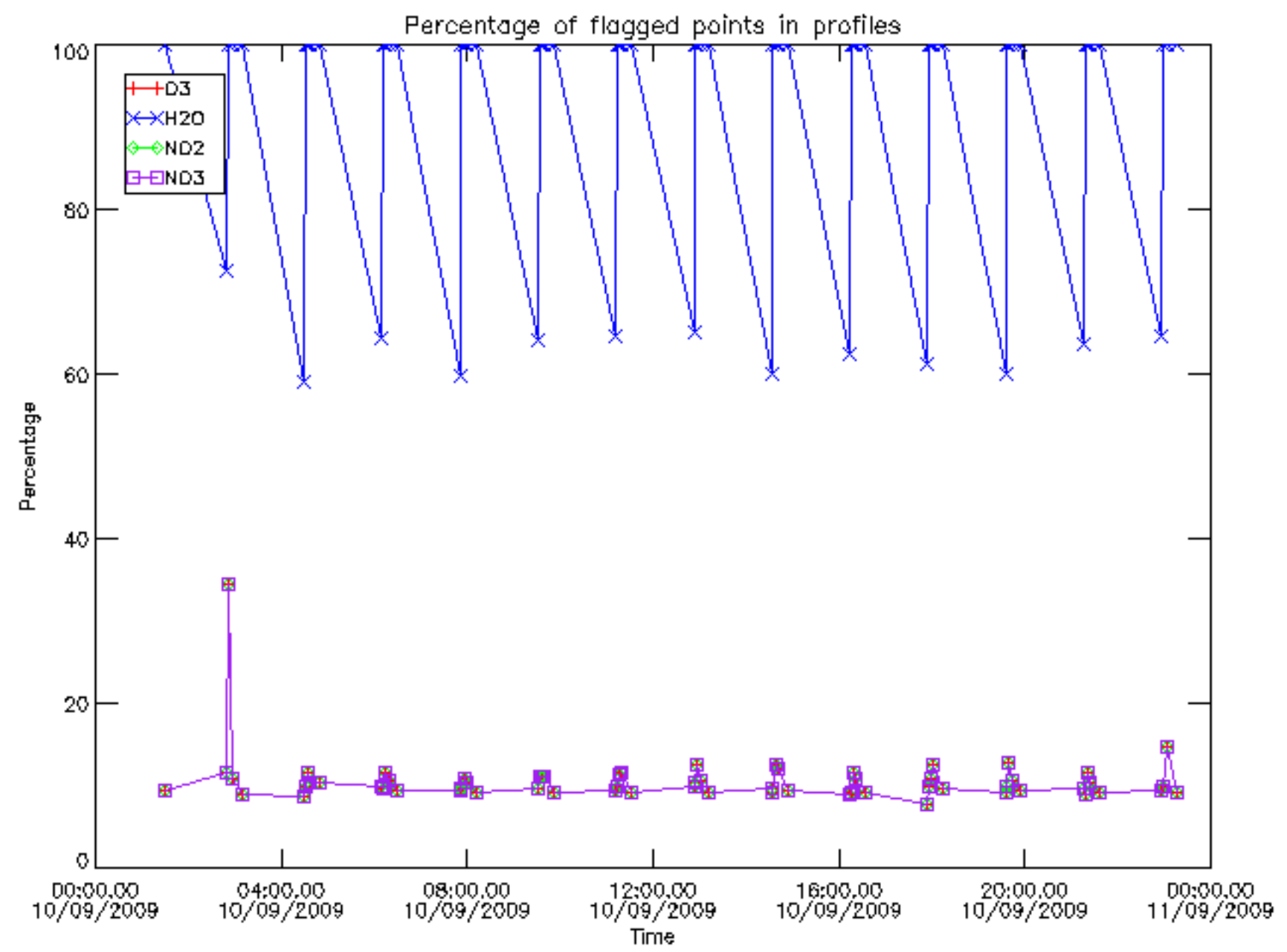
The colorbar represents the latitude.



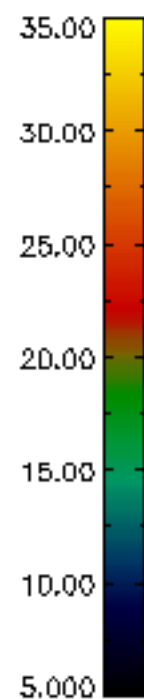
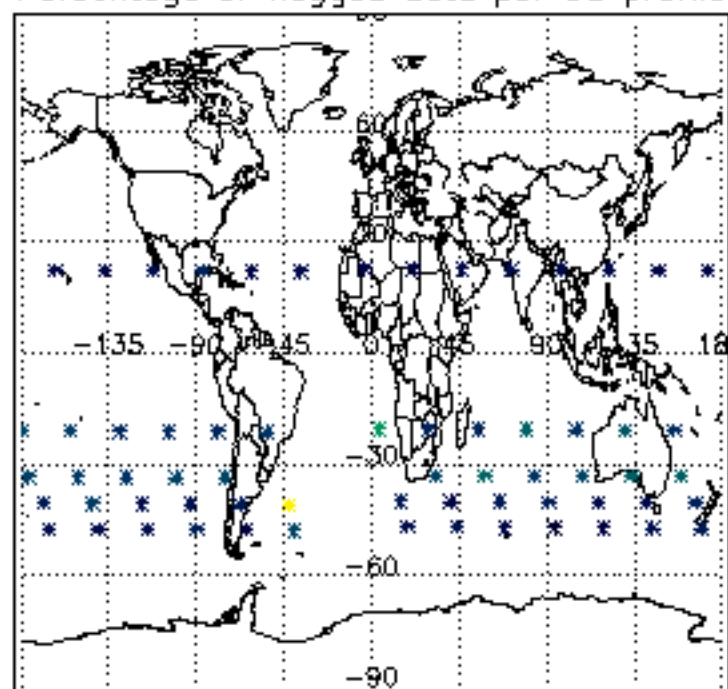
6. Auxiliary Data Files used for the production reported in section 2

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.

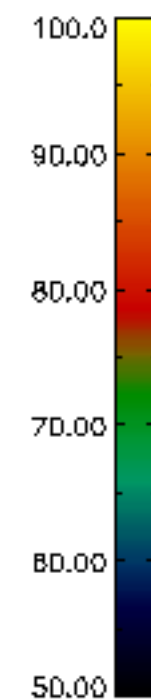
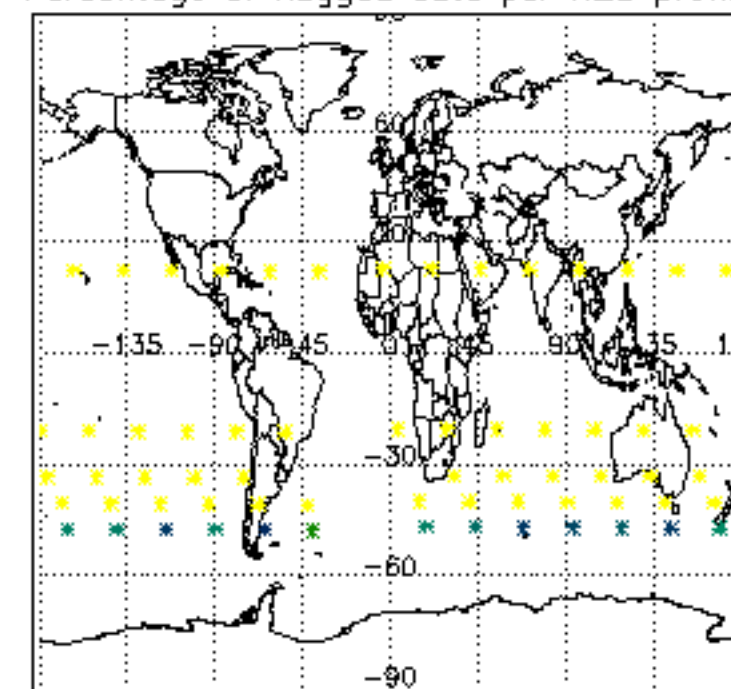
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	10-SEP-2009 01:28:25
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	10-SEP-2009 01:28:25
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	10-SEP-2009 01:28:25



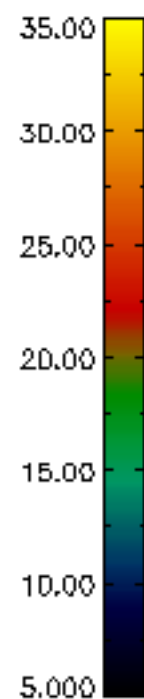
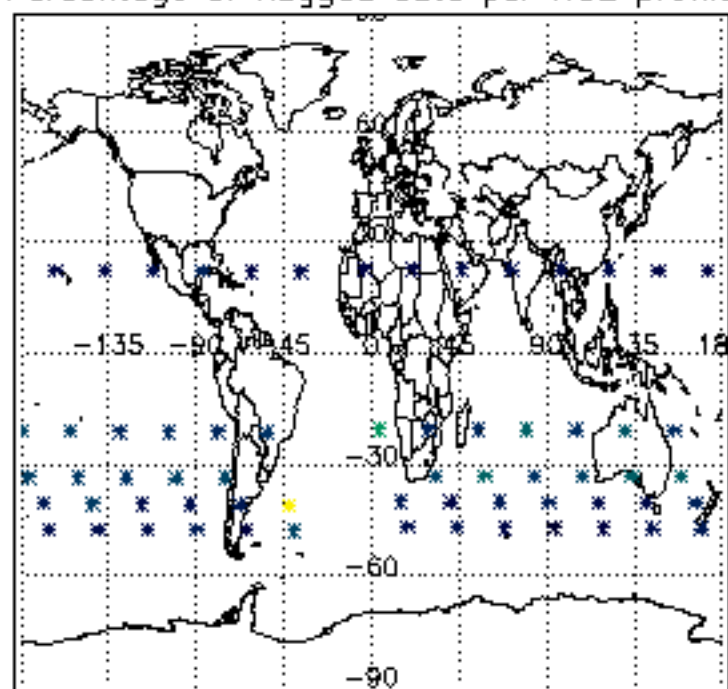
Percentage of flagged data per D3 profile



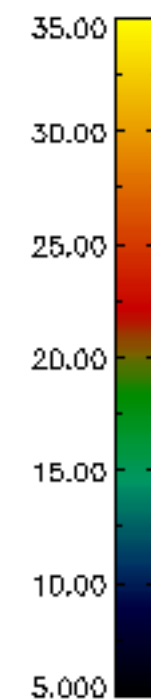
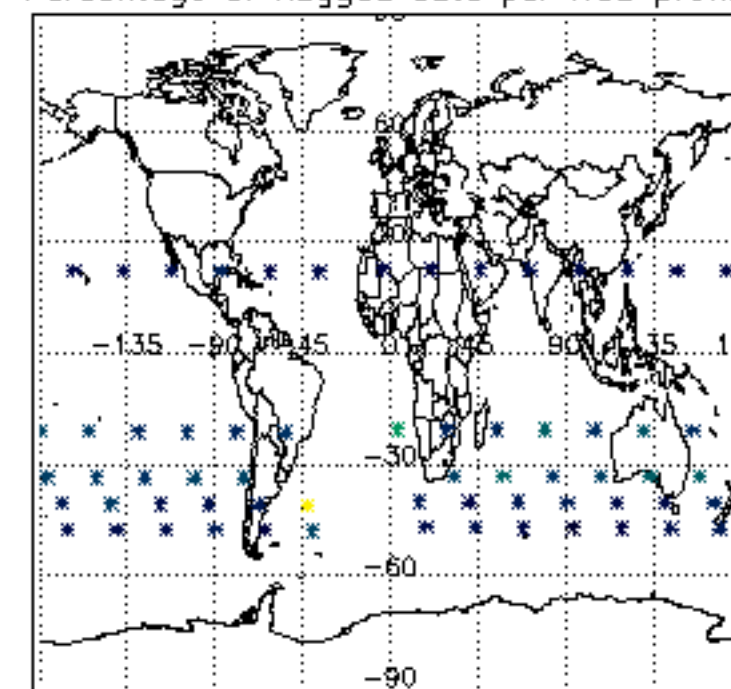
Percentage of flagged data per H2O profile

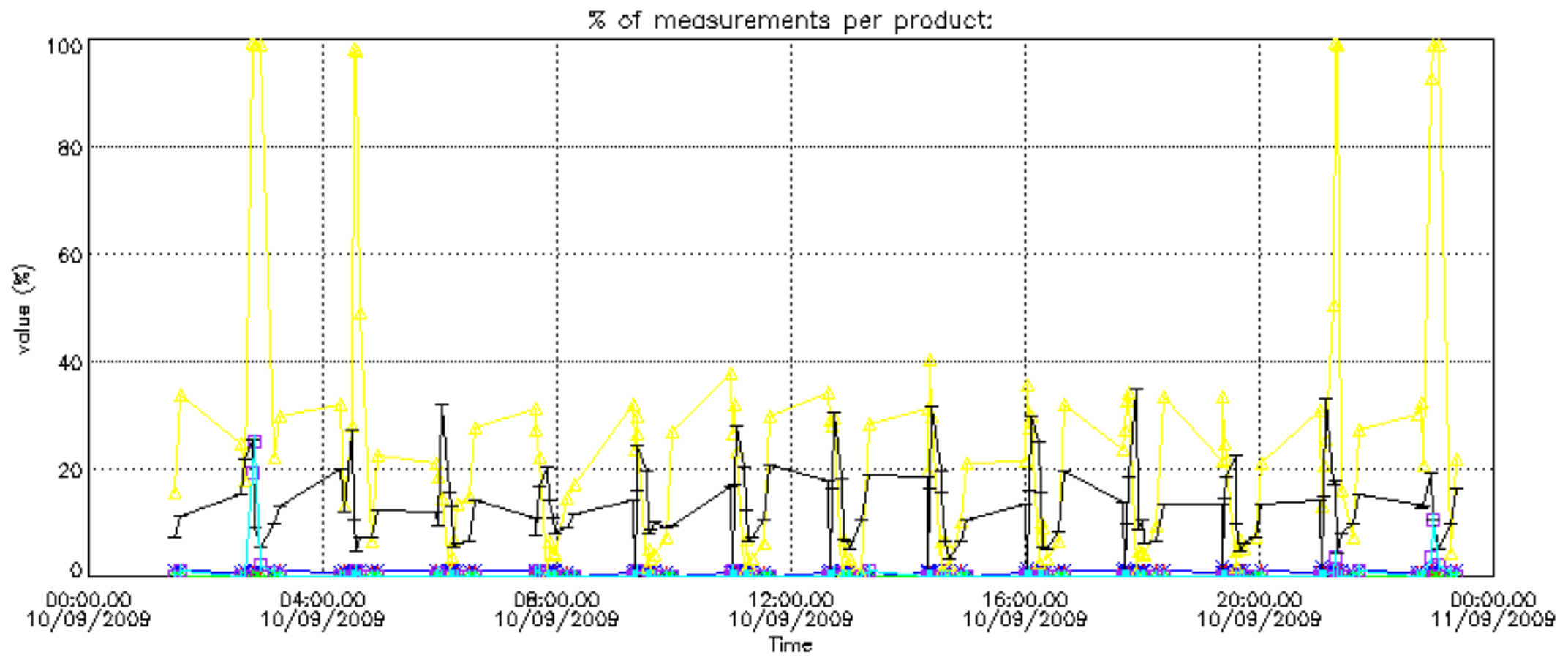


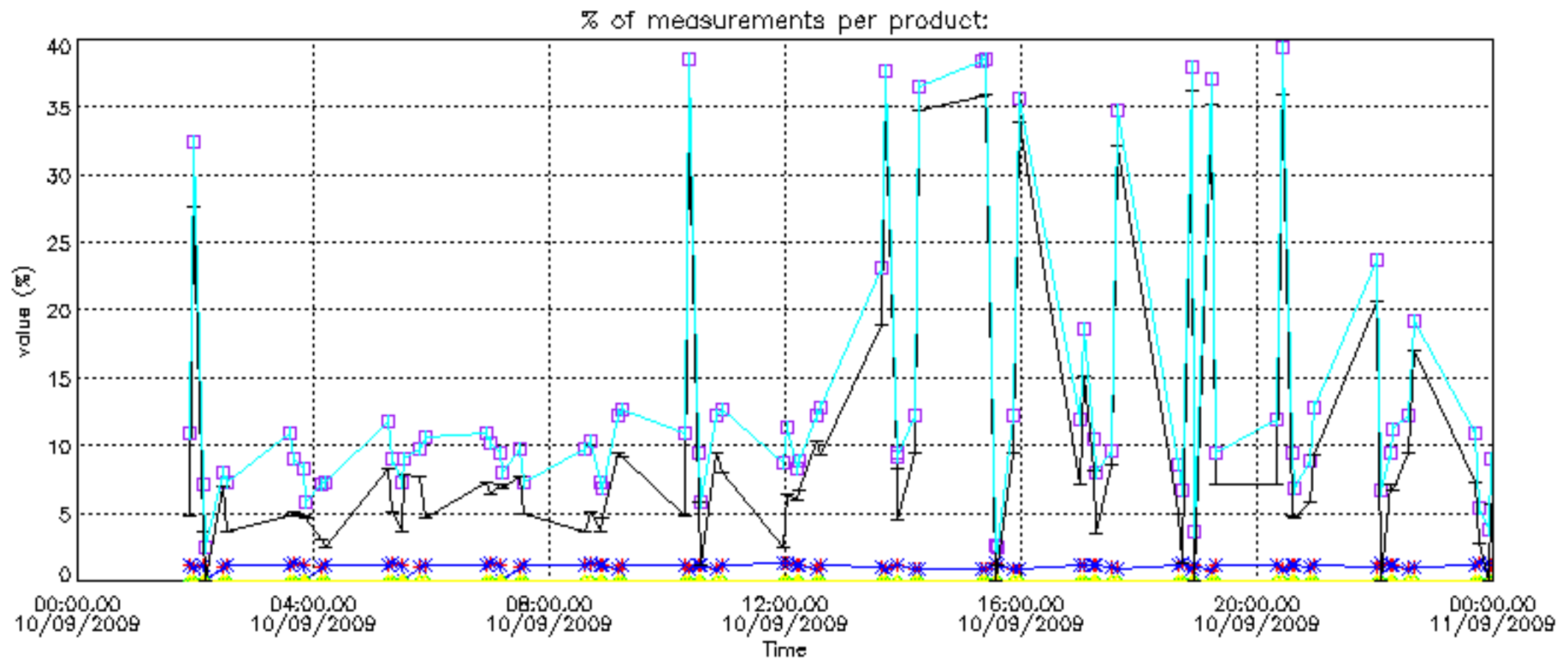
Percentage of flagged data per NO2 profile



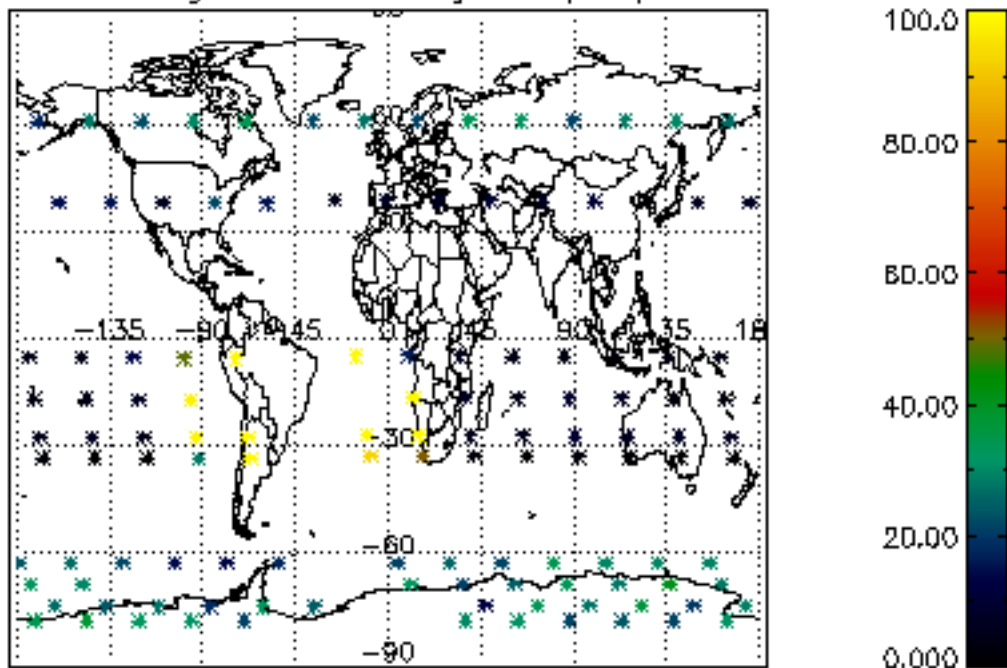
Percentage of flagged data per NO3 profile



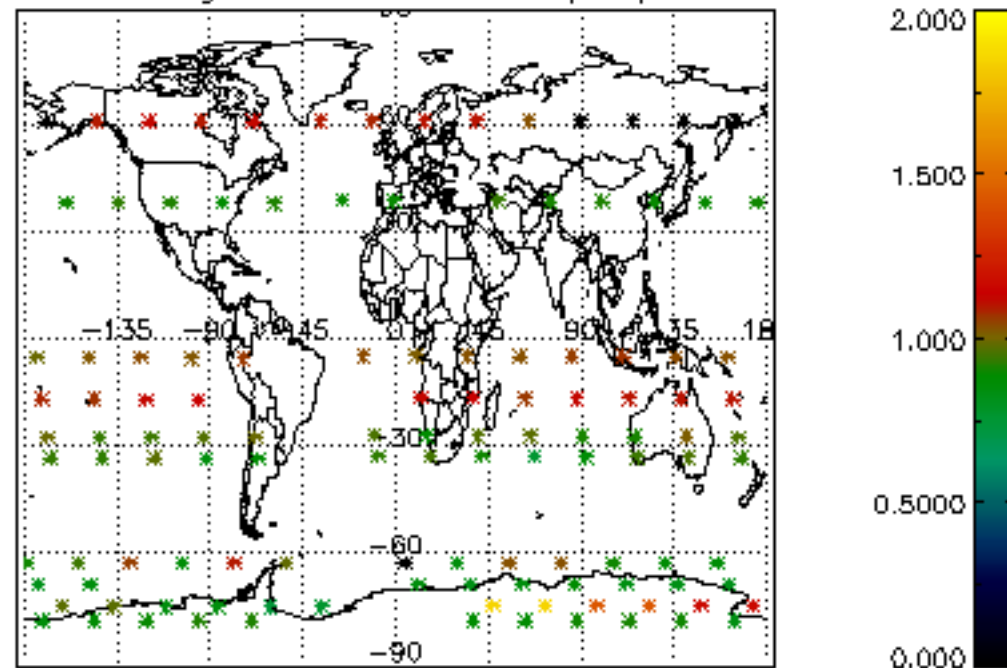




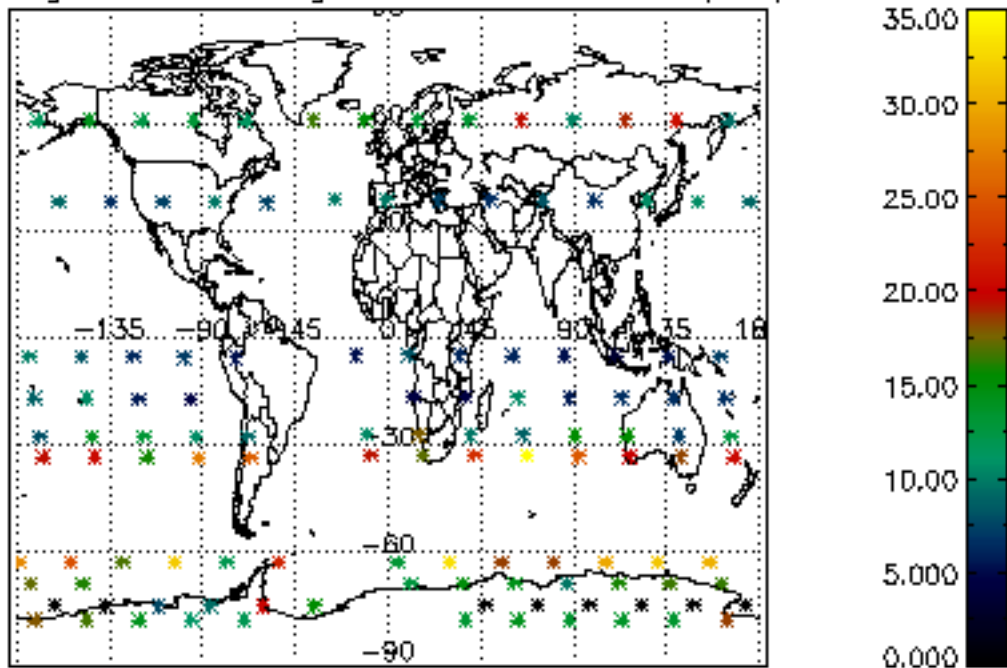
Percentage of cosmic ray hits per profile



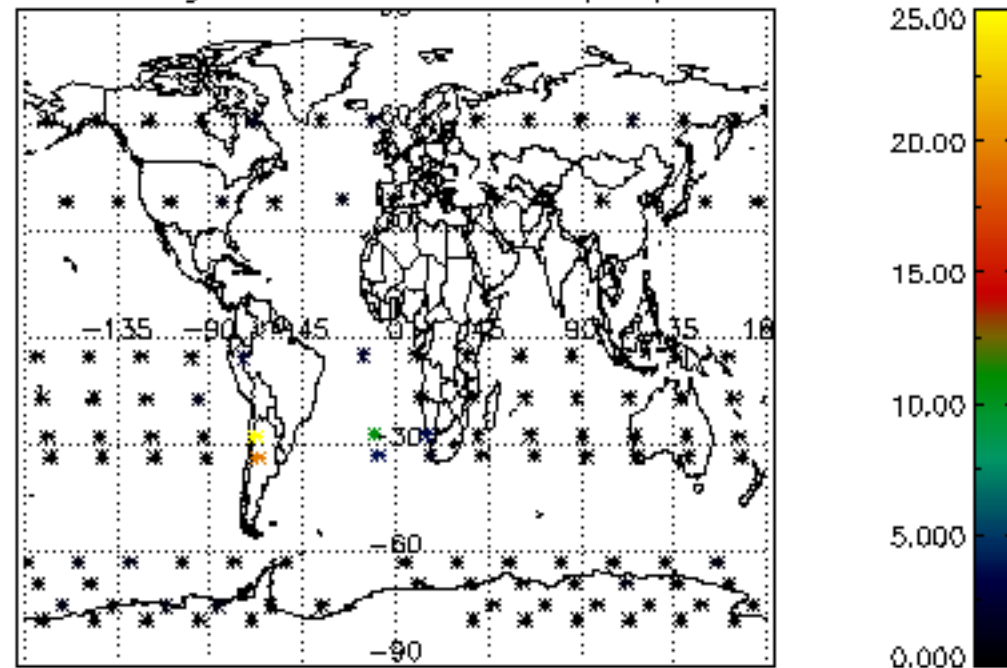
Percentage of datation errors per profile



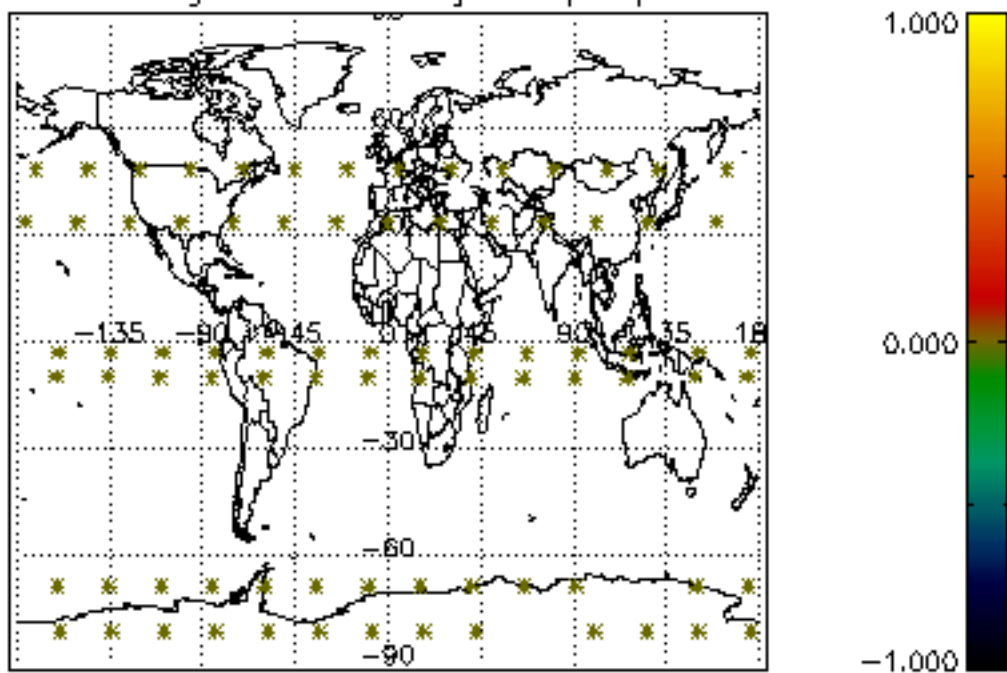
Percentage of star falling outside central band per profile



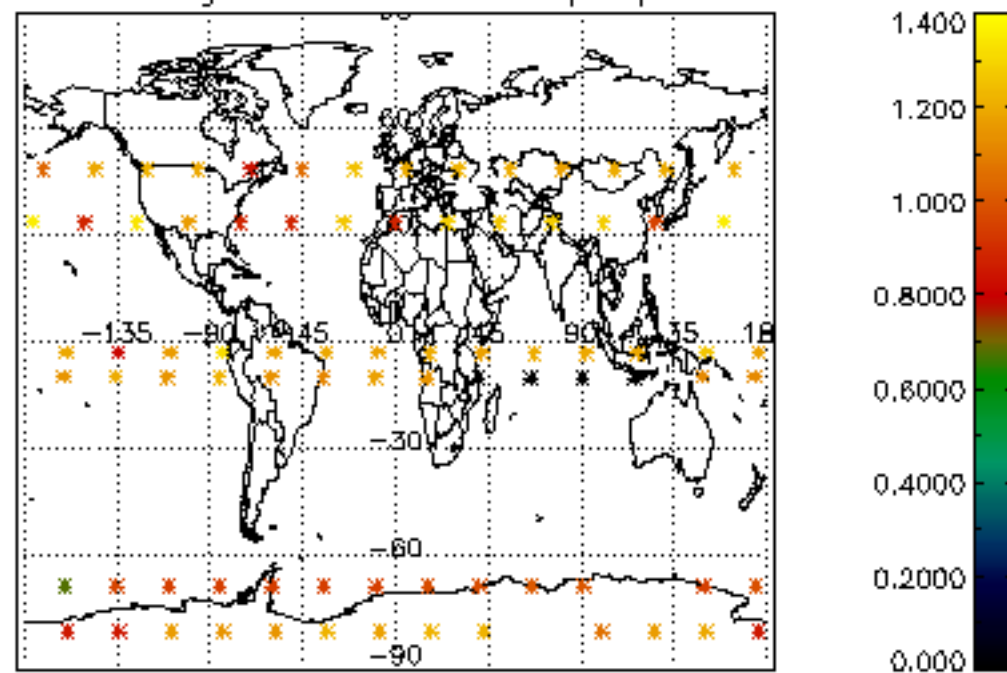
Percentage of saturation errors per profile



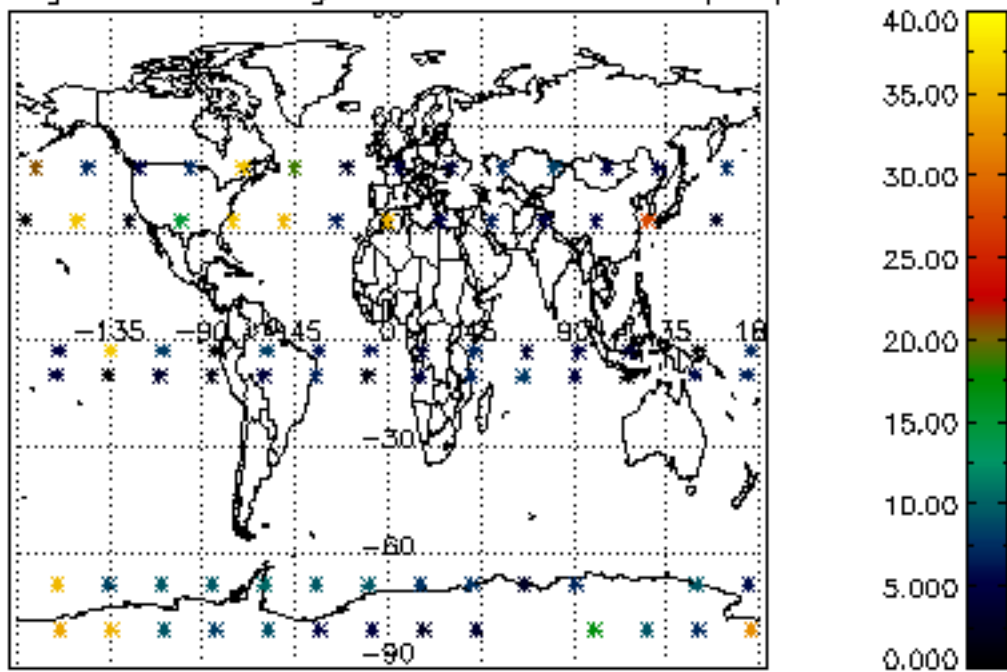
Percentage of cosmic ray hits per profile



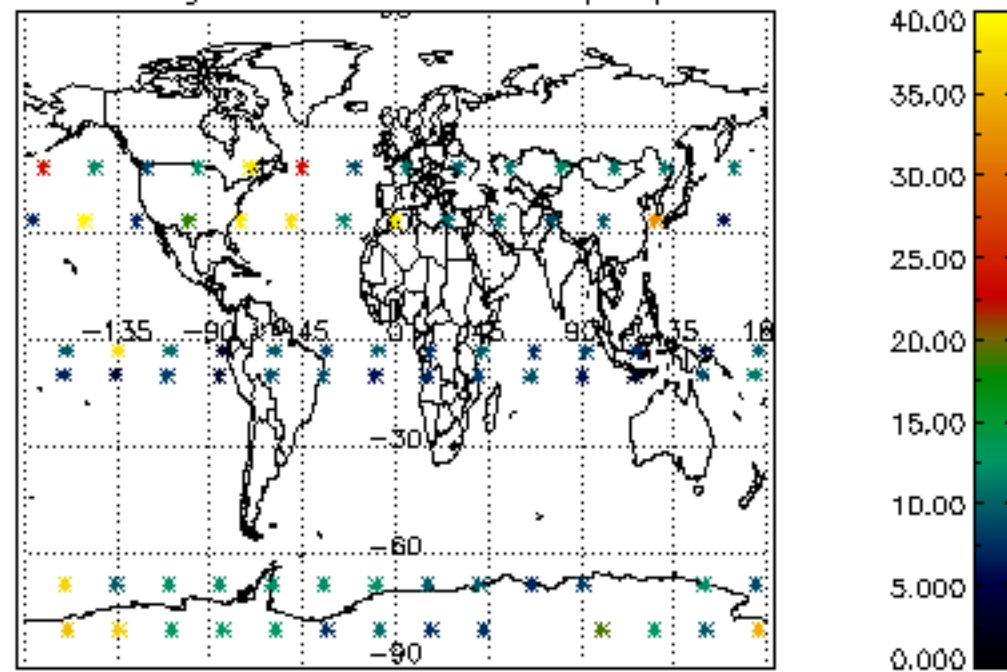
Percentage of datation errors per profile

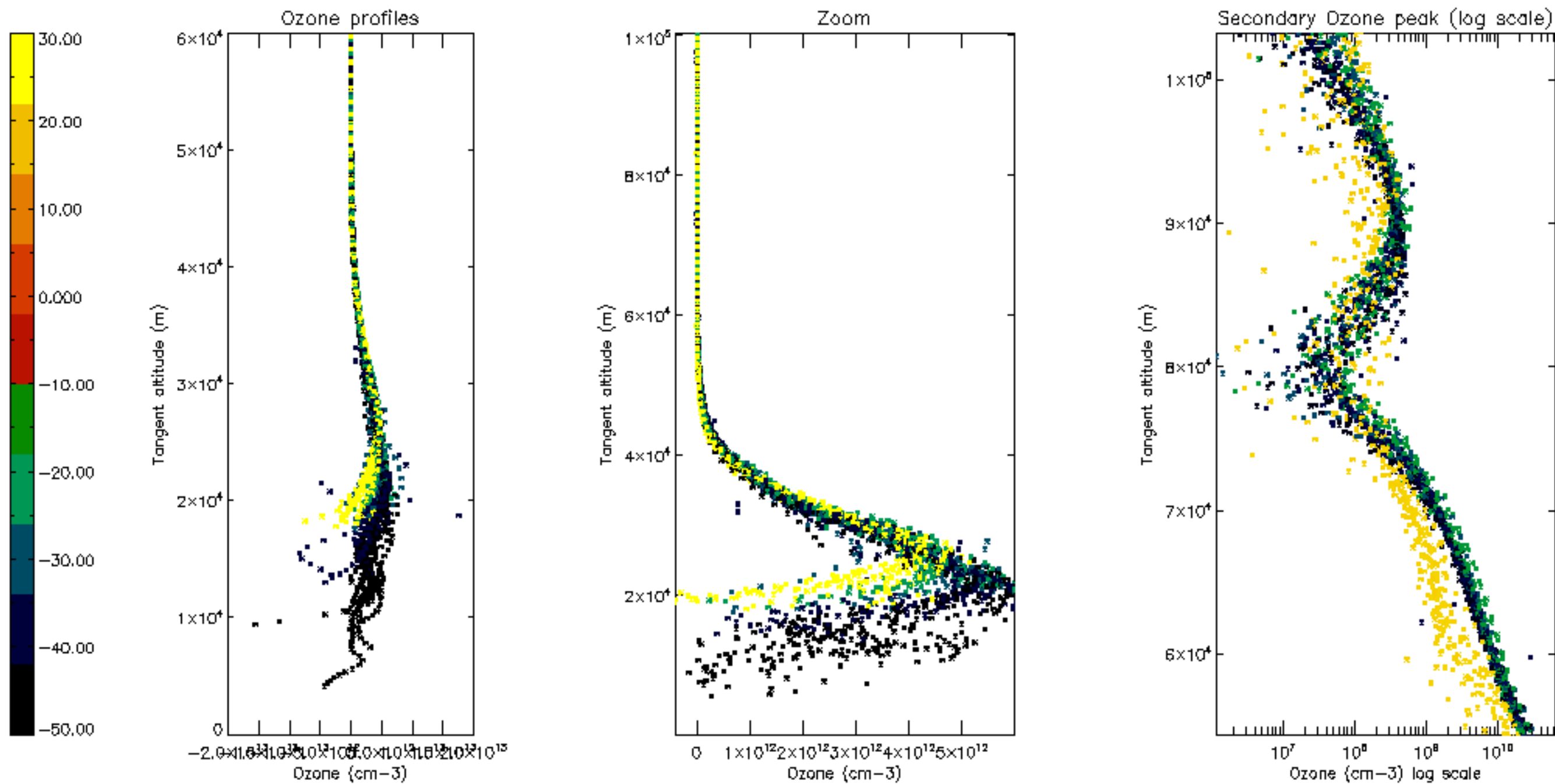


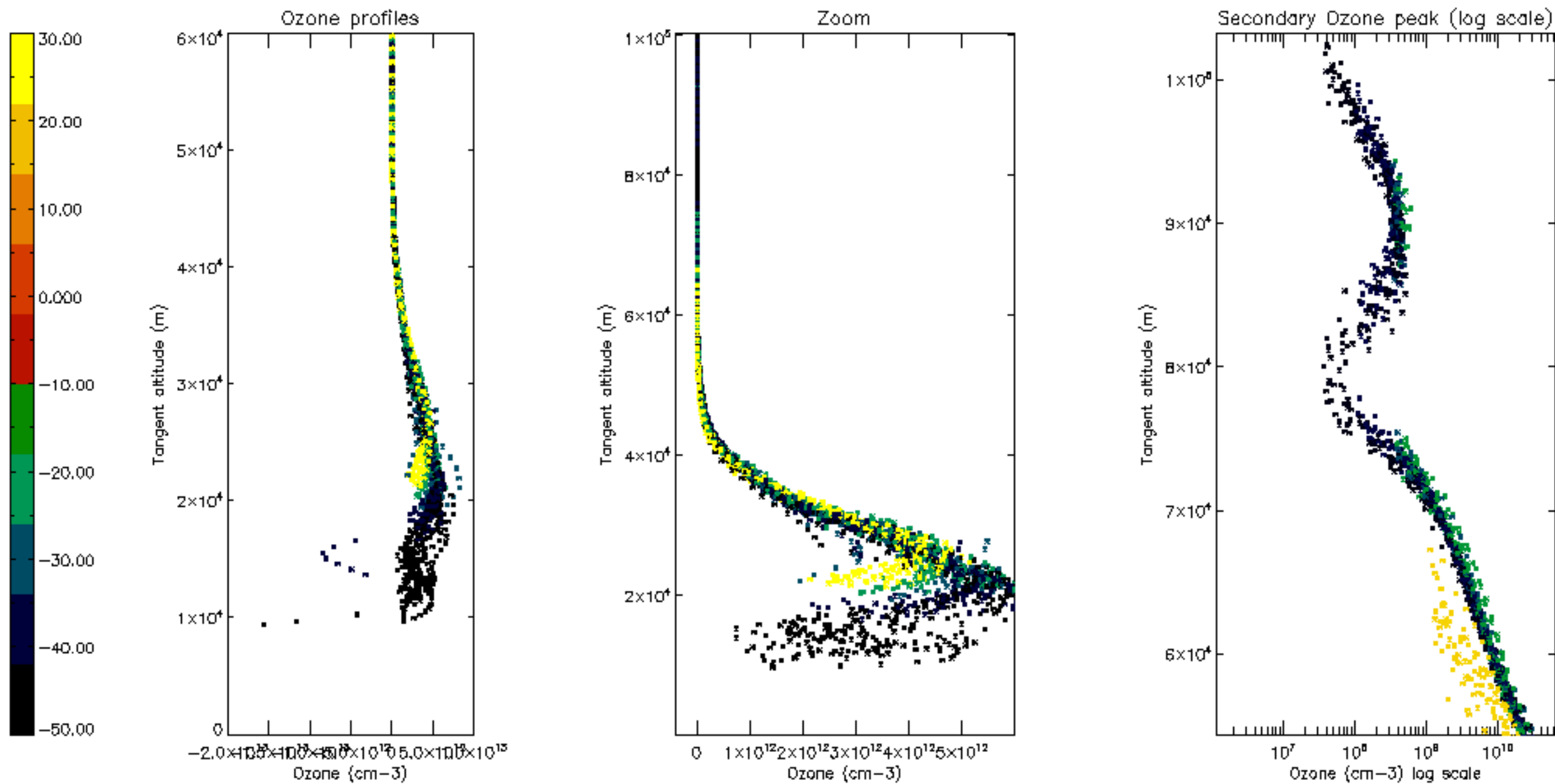
Percentage of star falling outside central band per profile

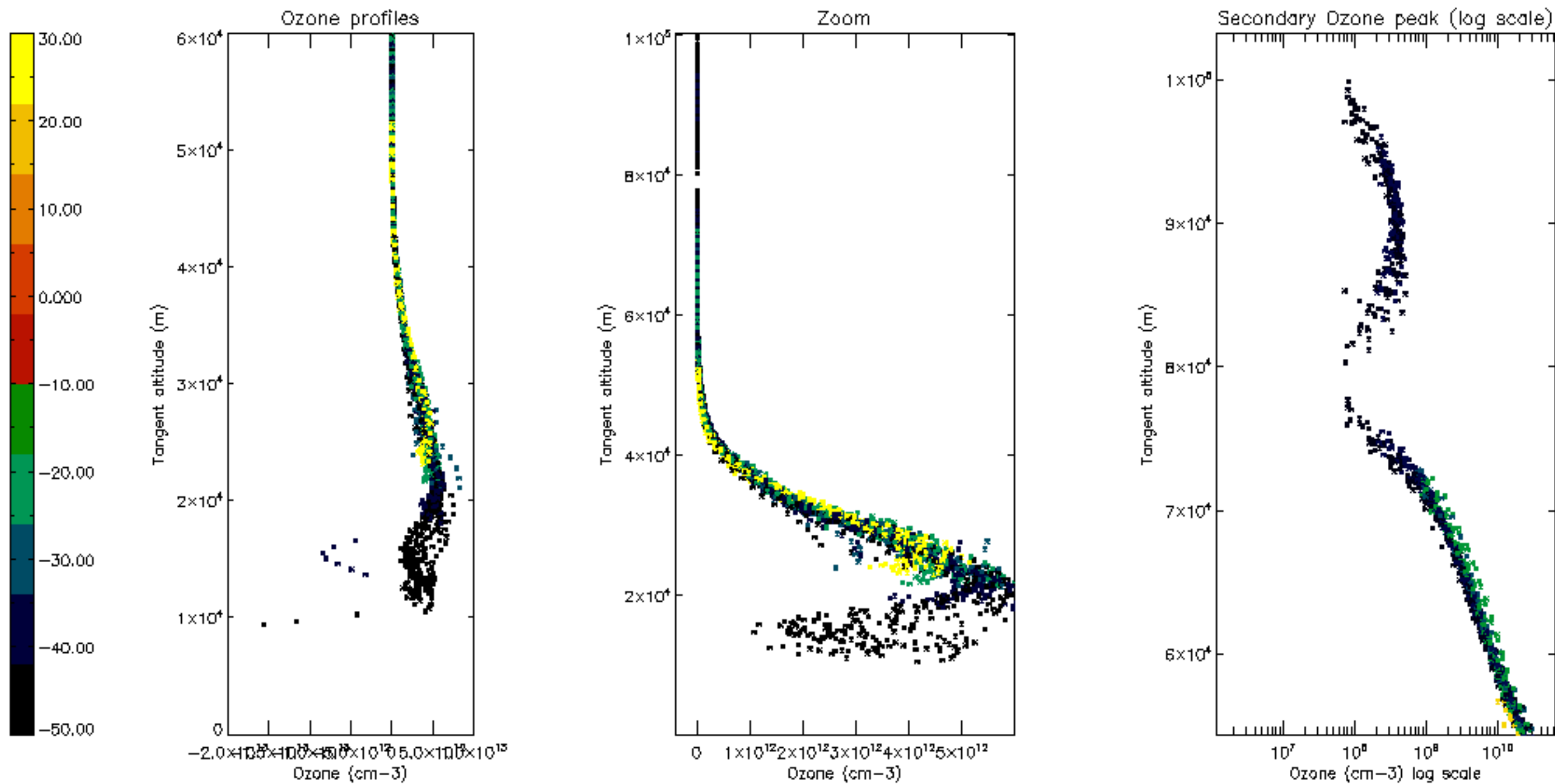


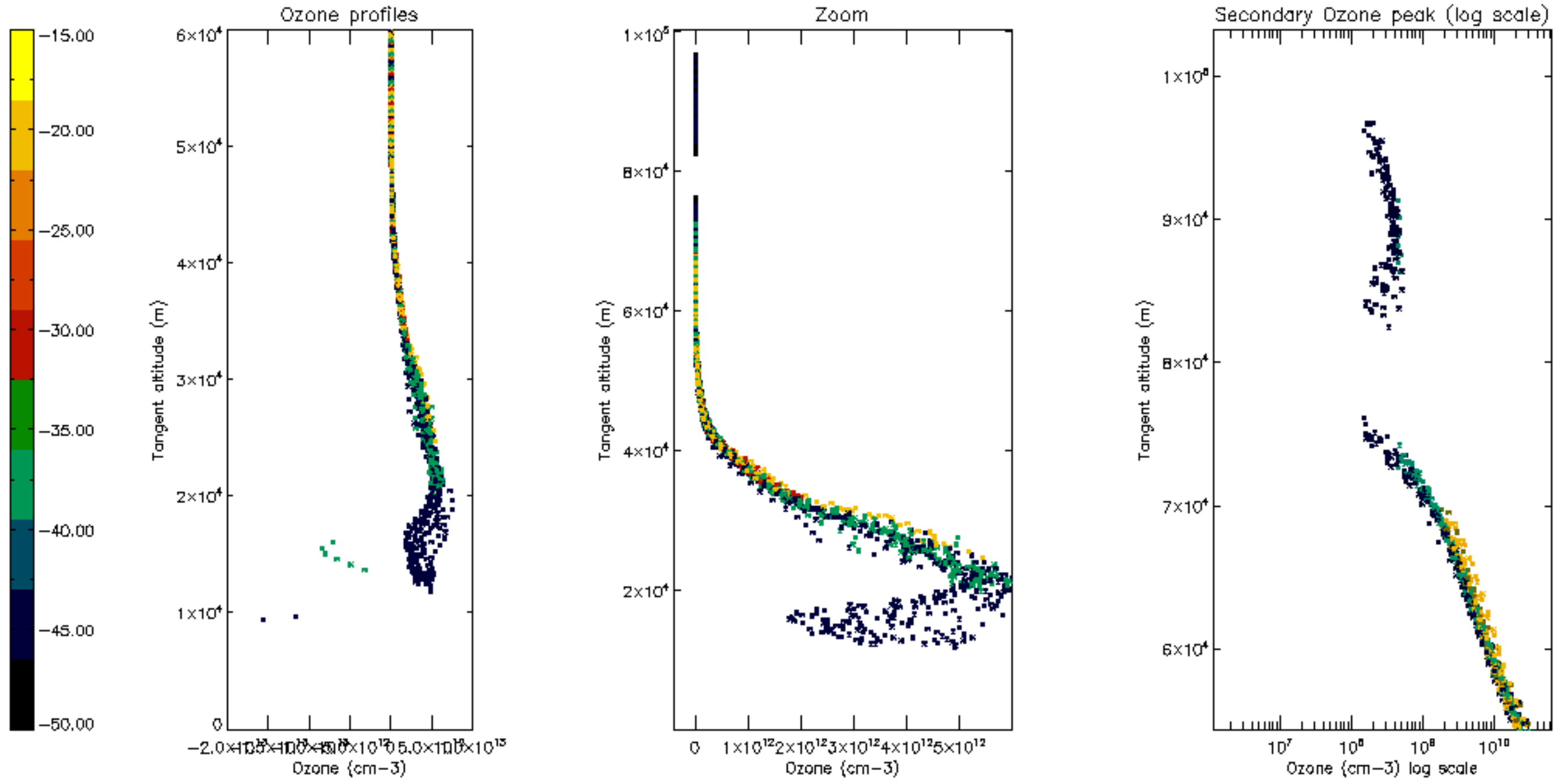
Percentage of saturation errors per profile

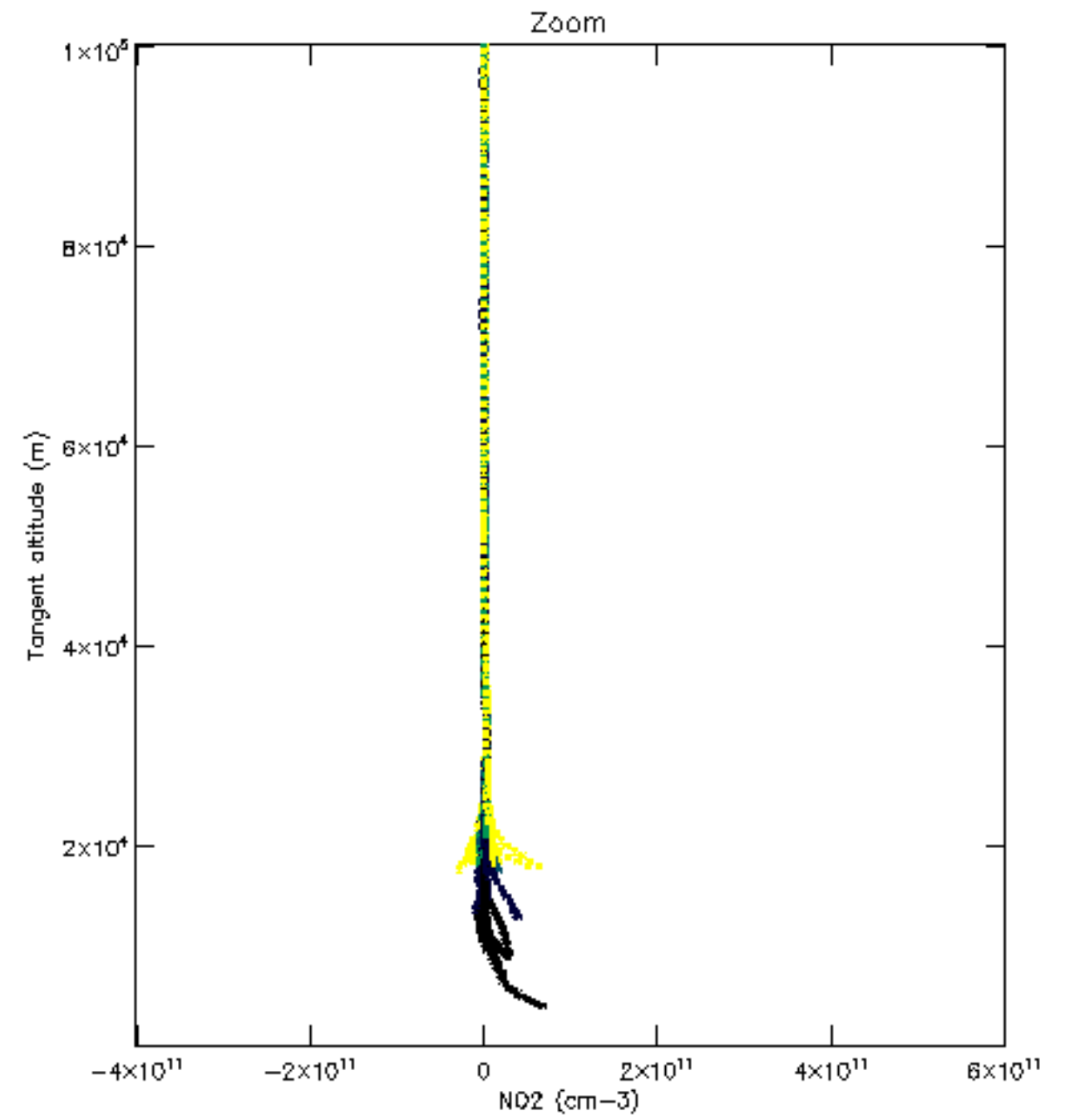
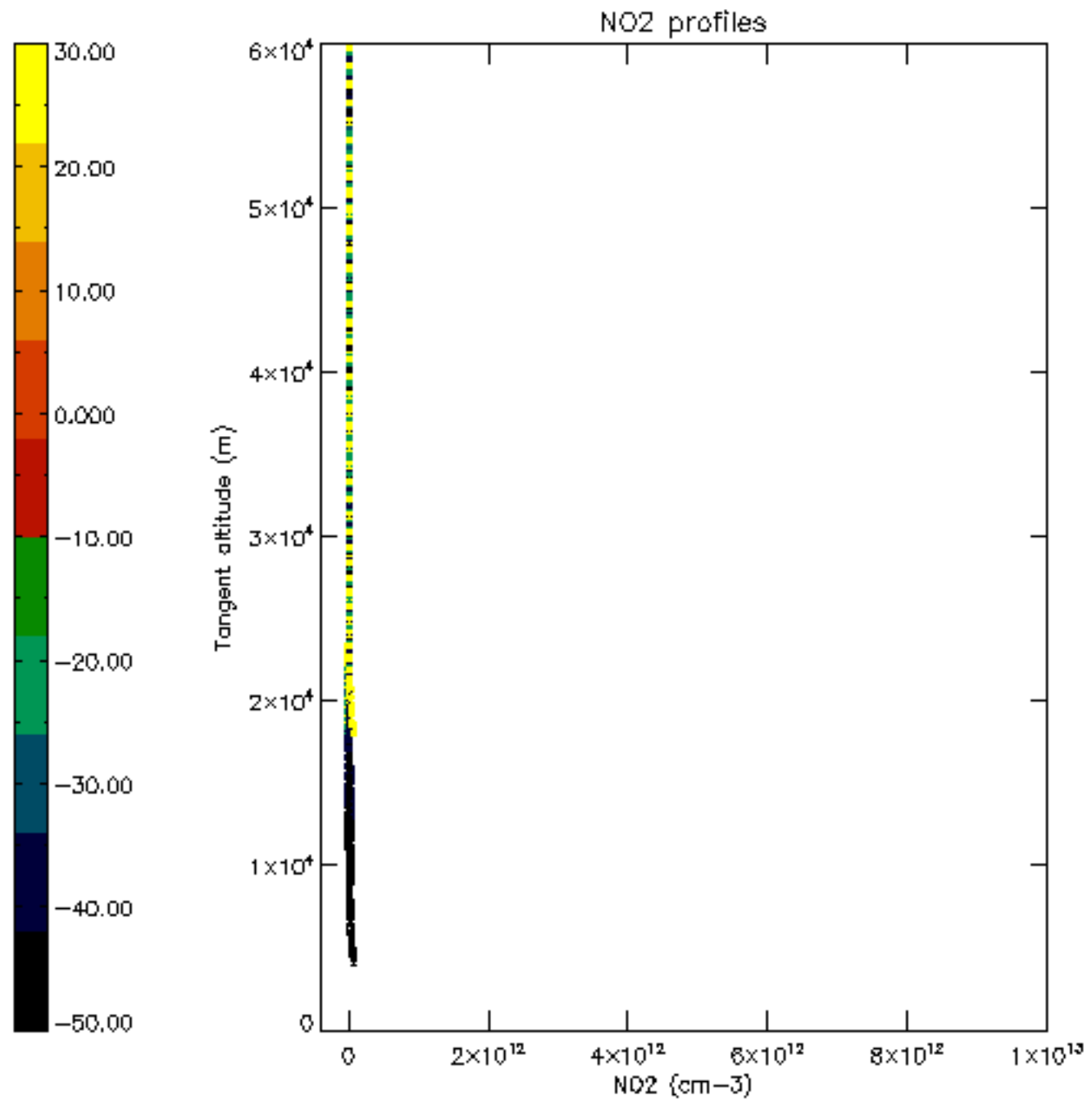


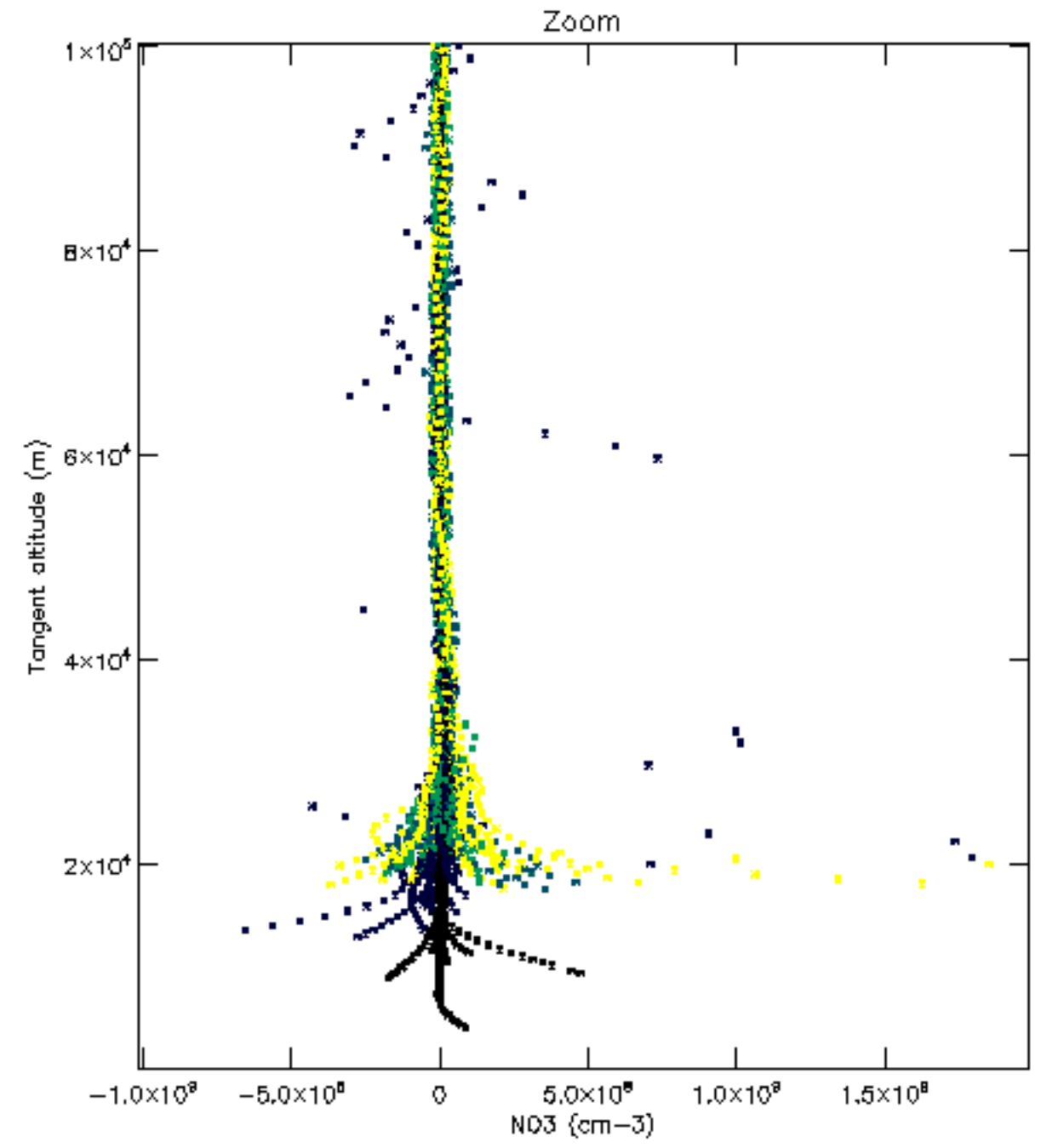
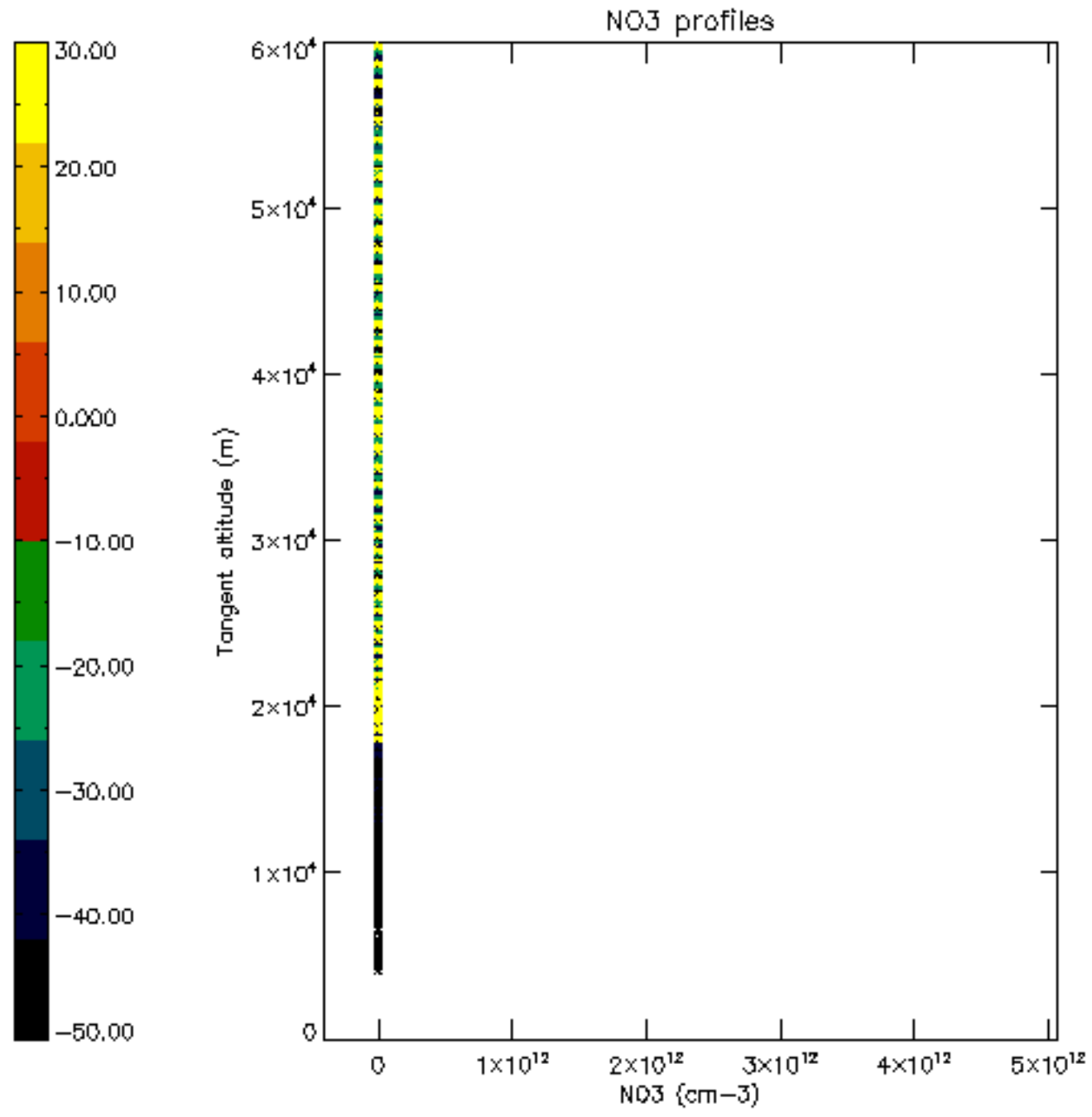


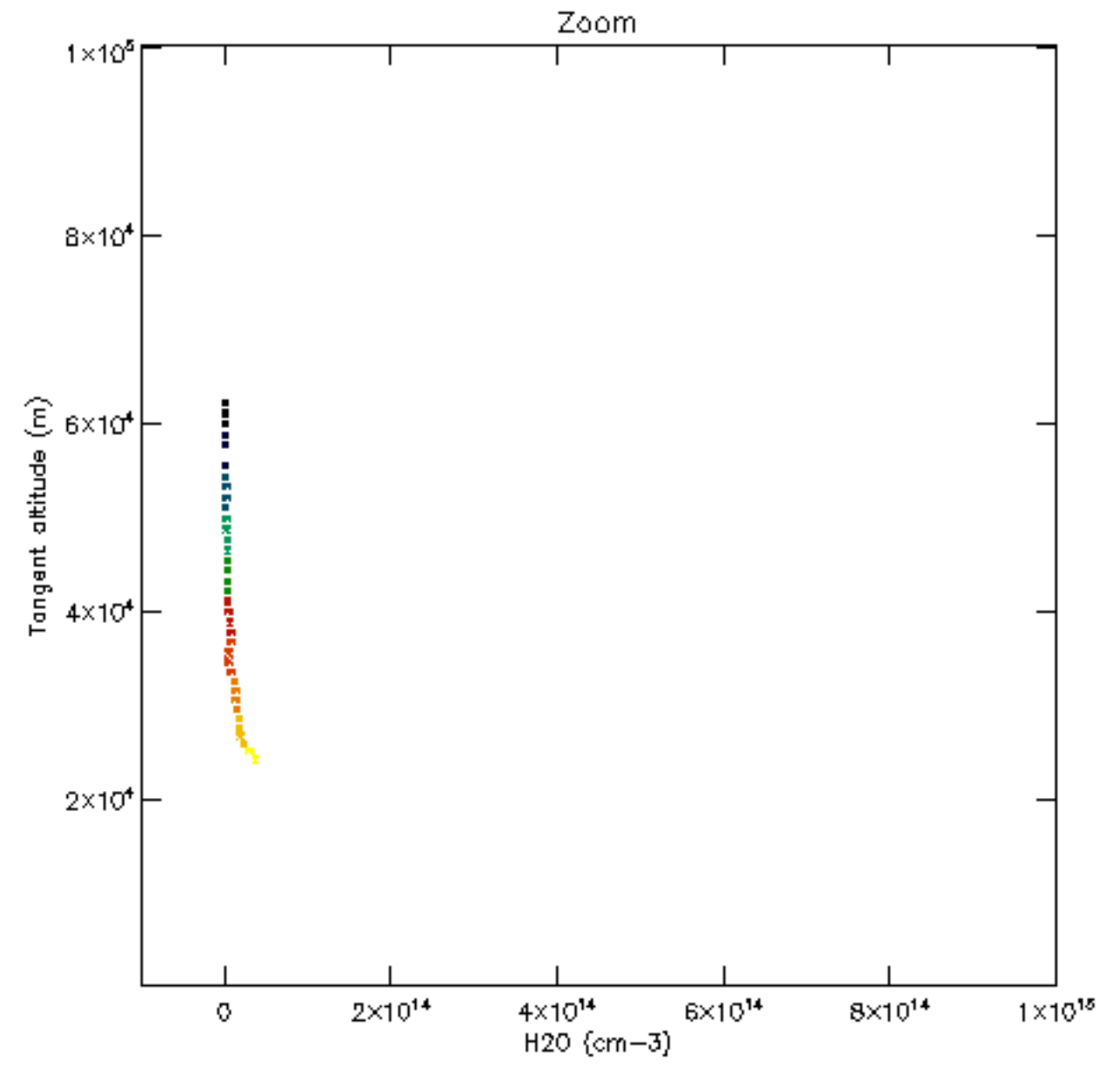
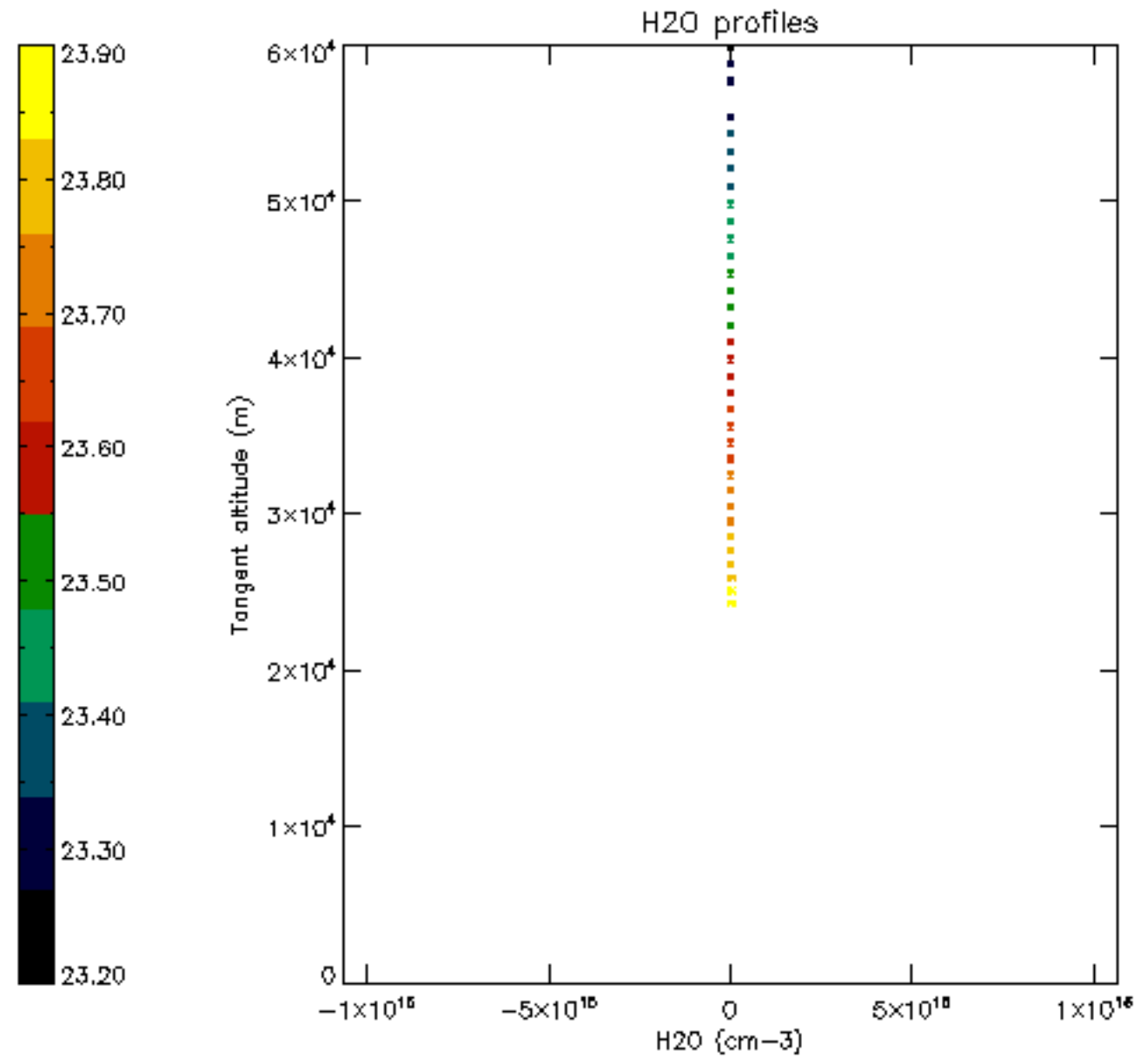


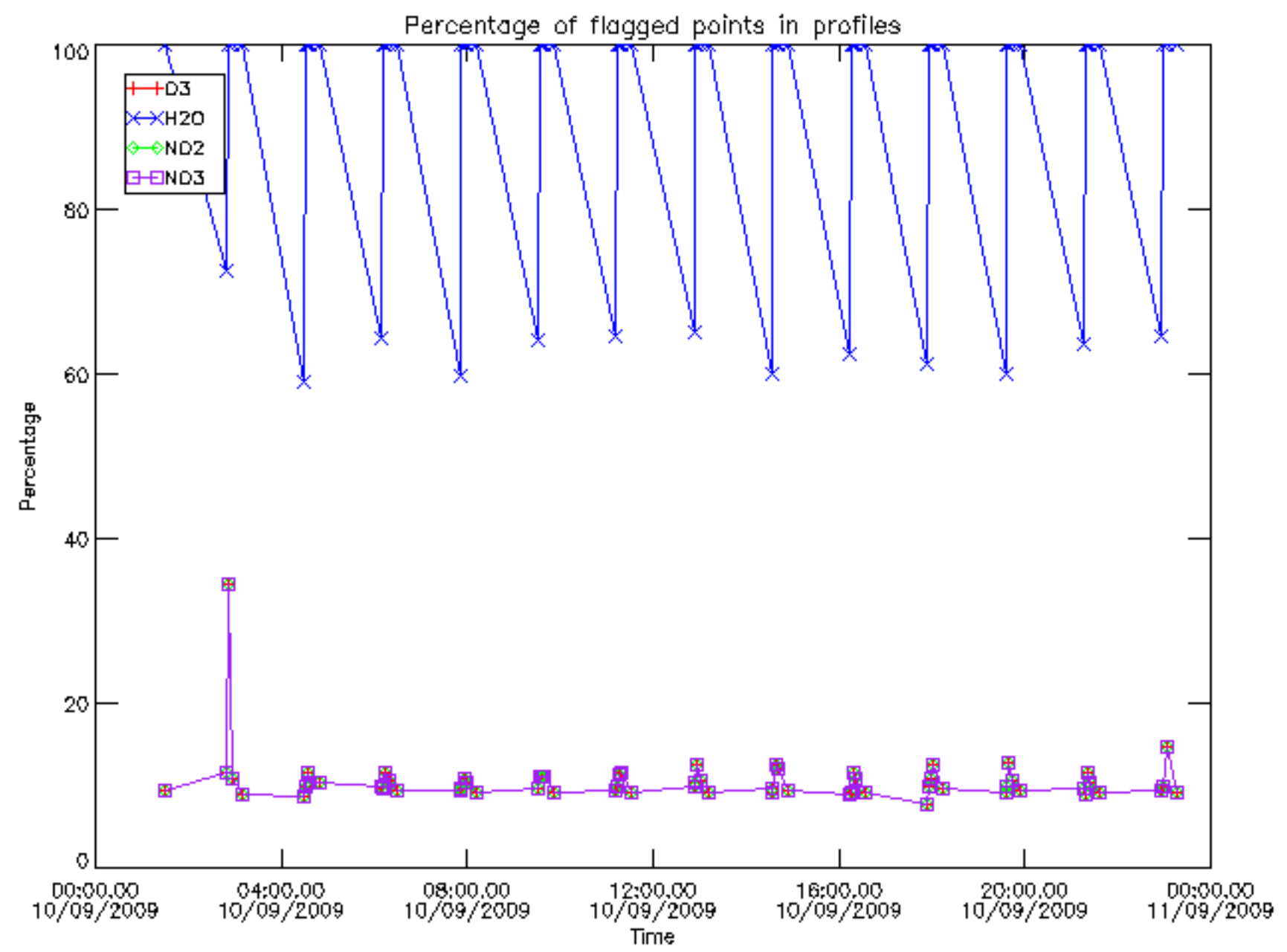




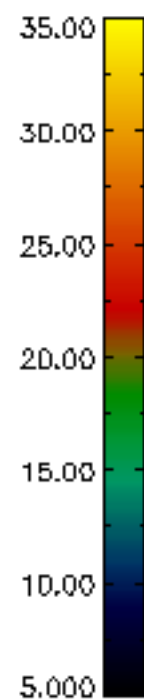
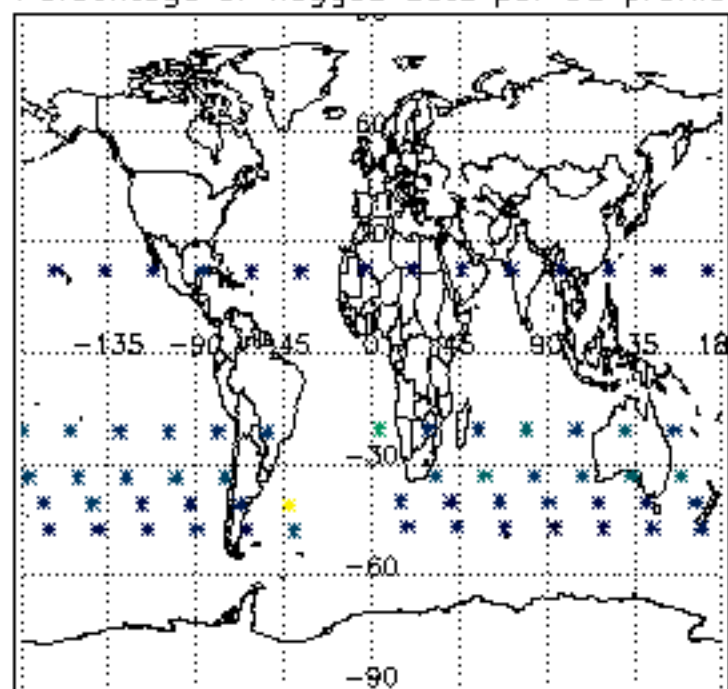




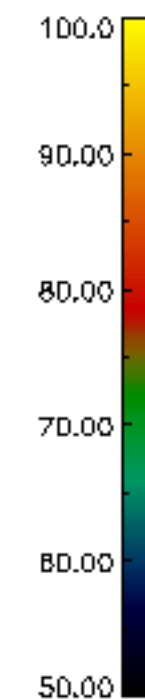
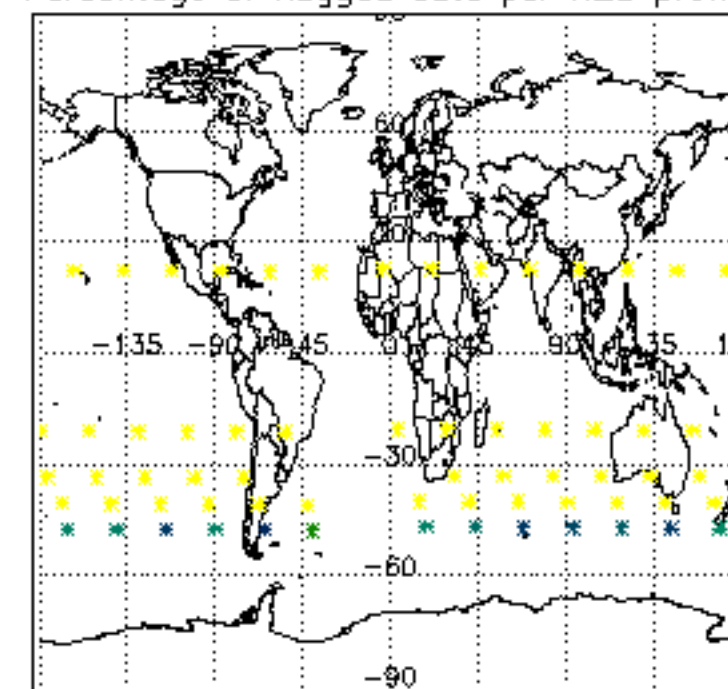




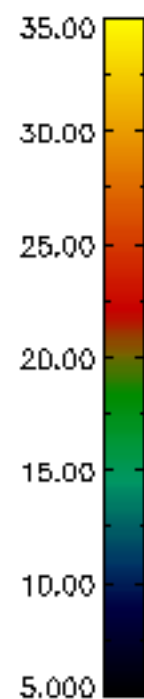
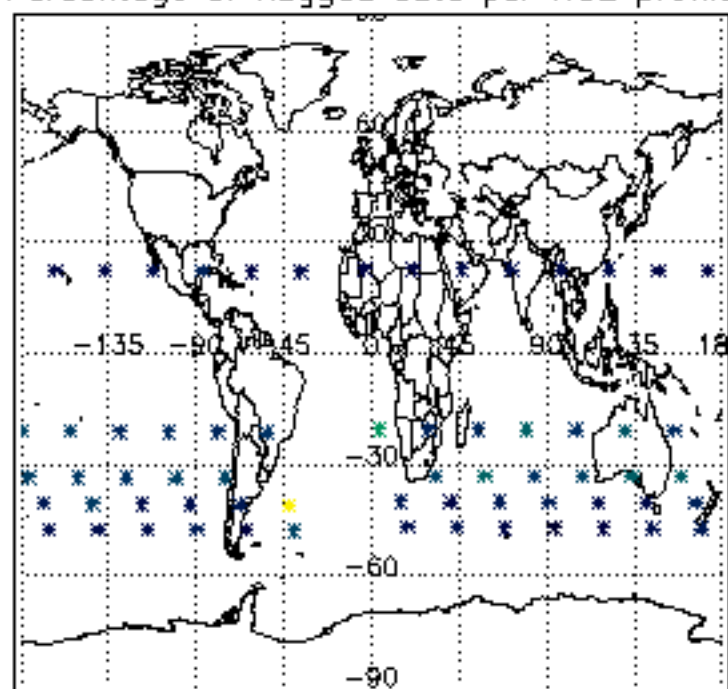
Percentage of flagged data per D3 profile



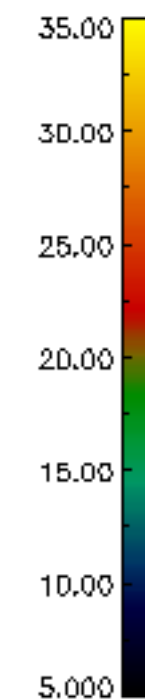
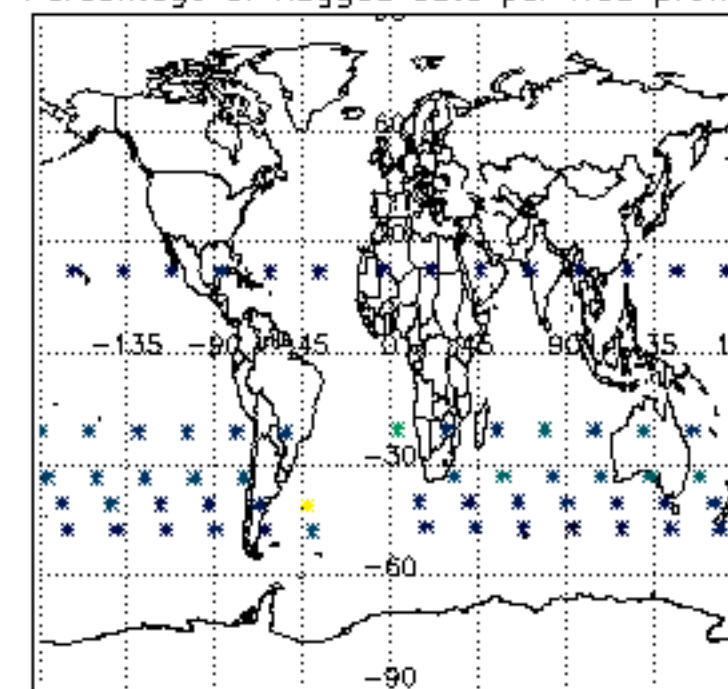
Percentage of flagged data per H2O profile

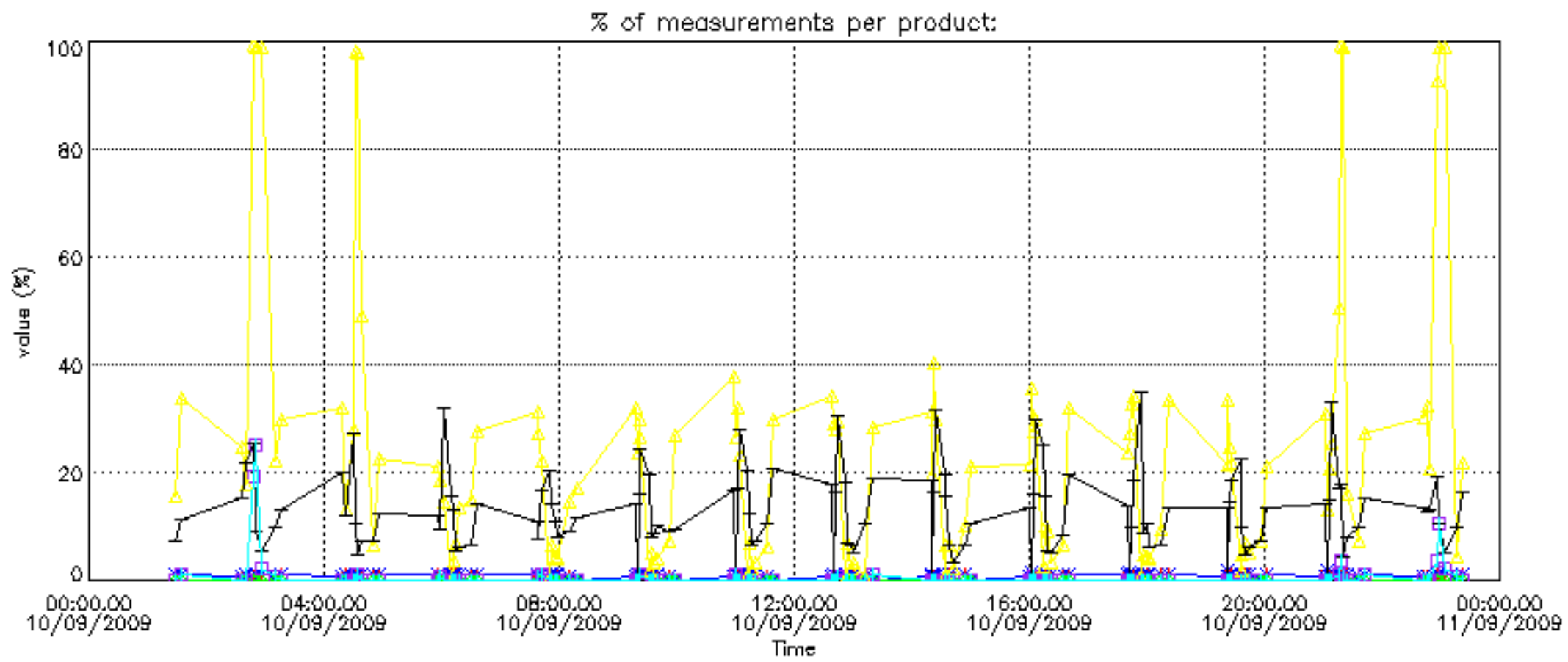


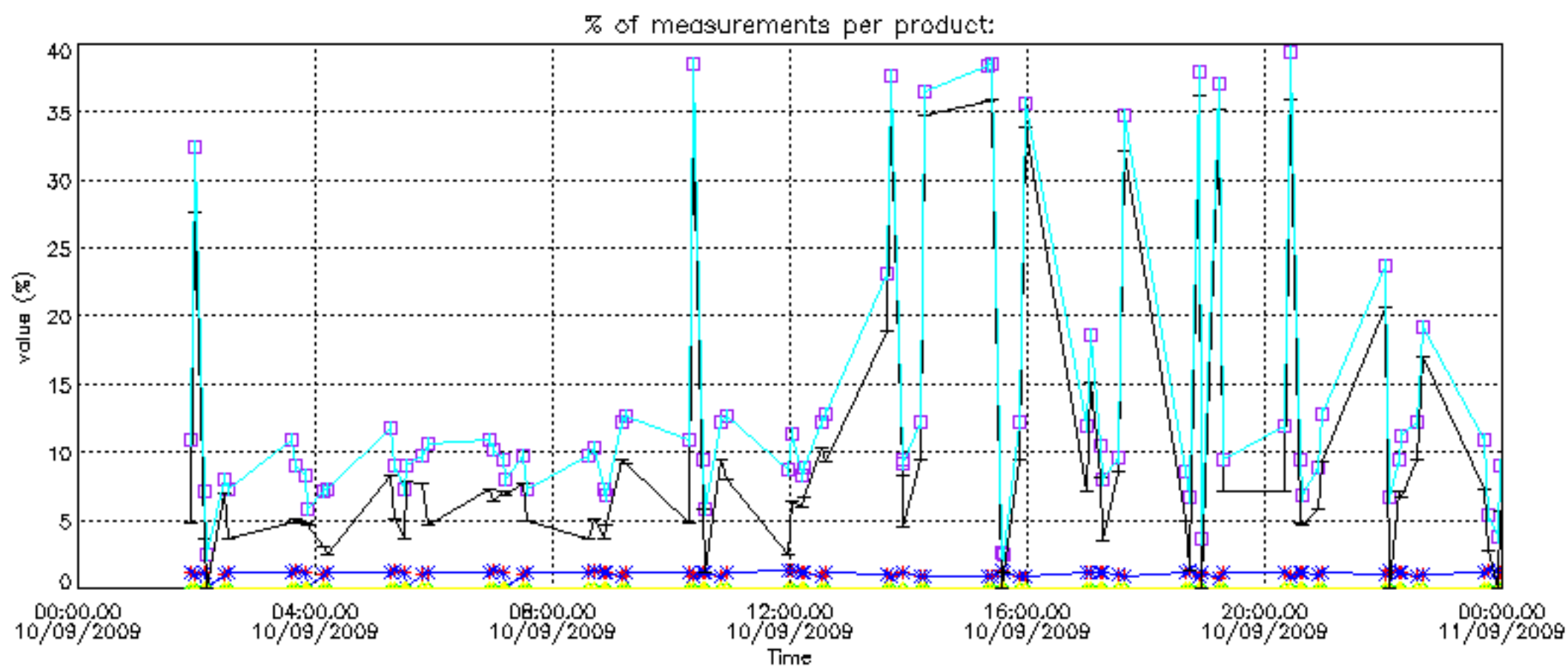
Percentage of flagged data per NO2 profile



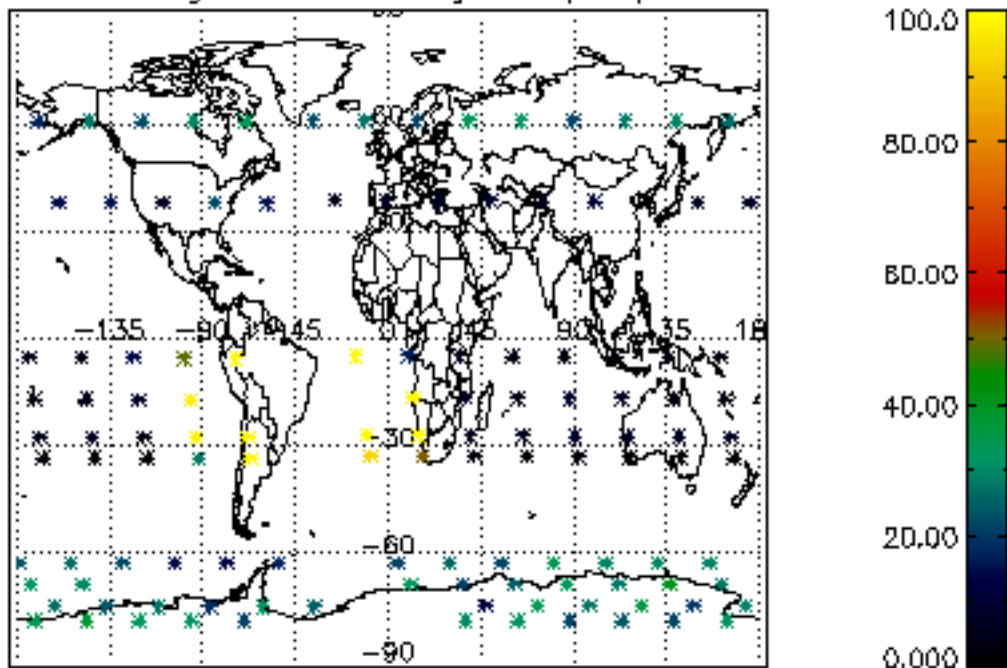
Percentage of flagged data per NO3 profile



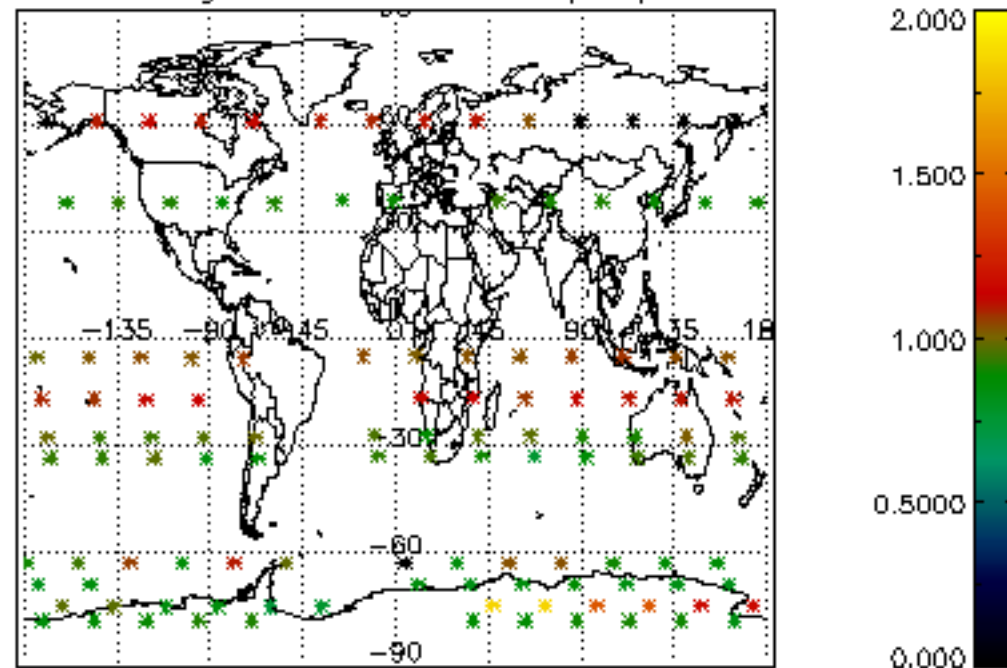




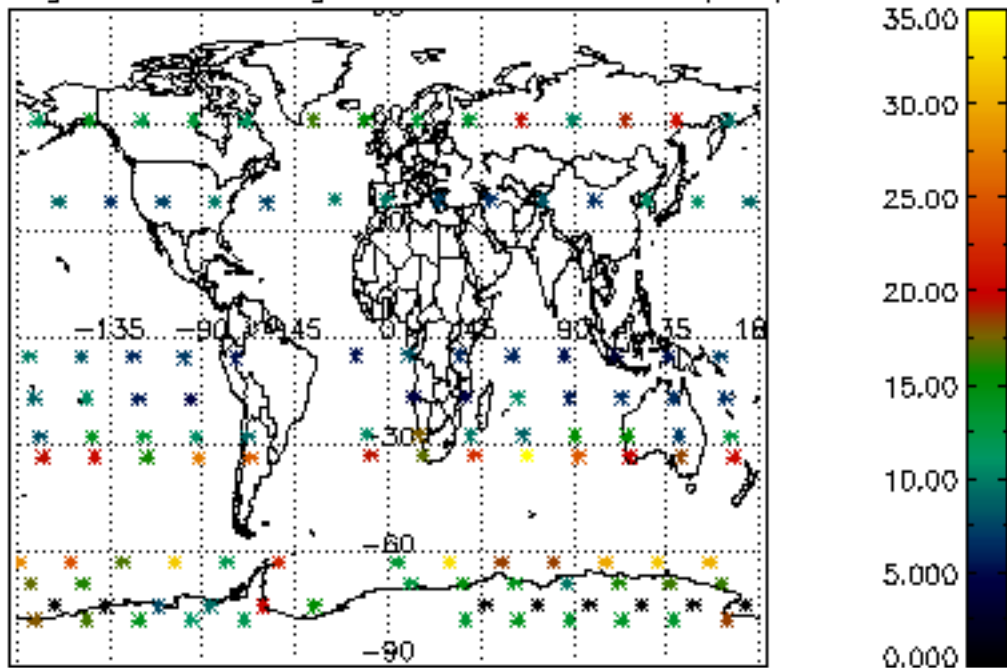
Percentage of cosmic ray hits per profile



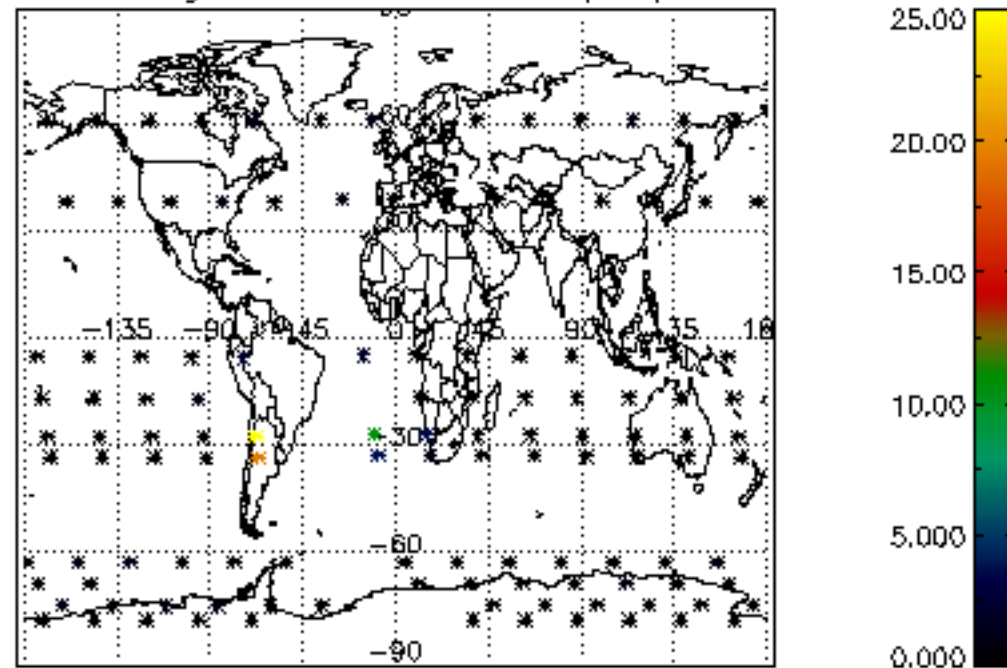
Percentage of datation errors per profile



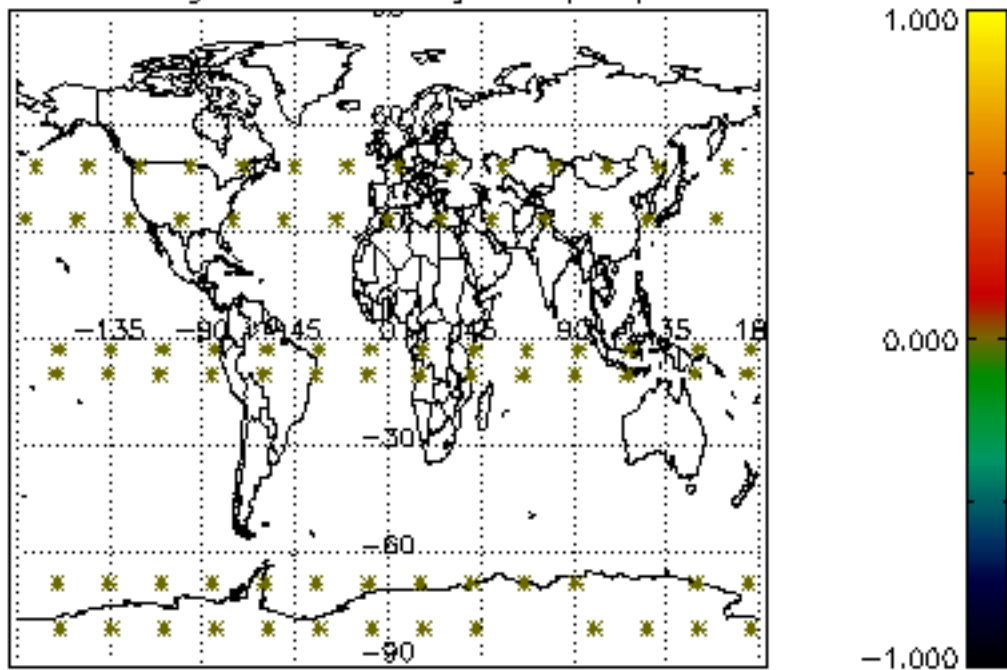
Percentage of star falling outside central band per profile



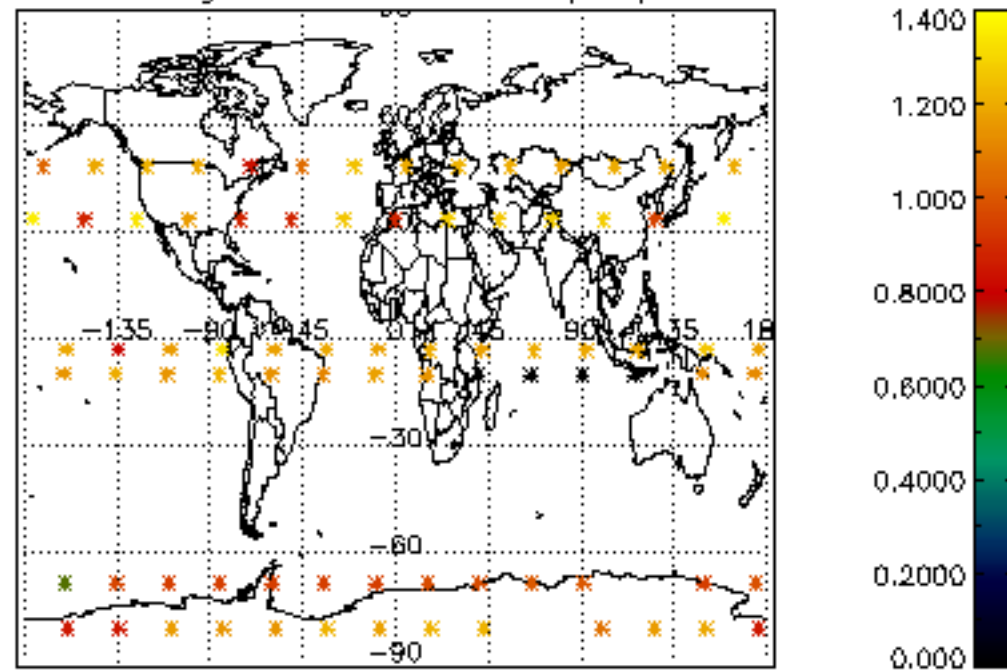
Percentage of saturation errors per profile



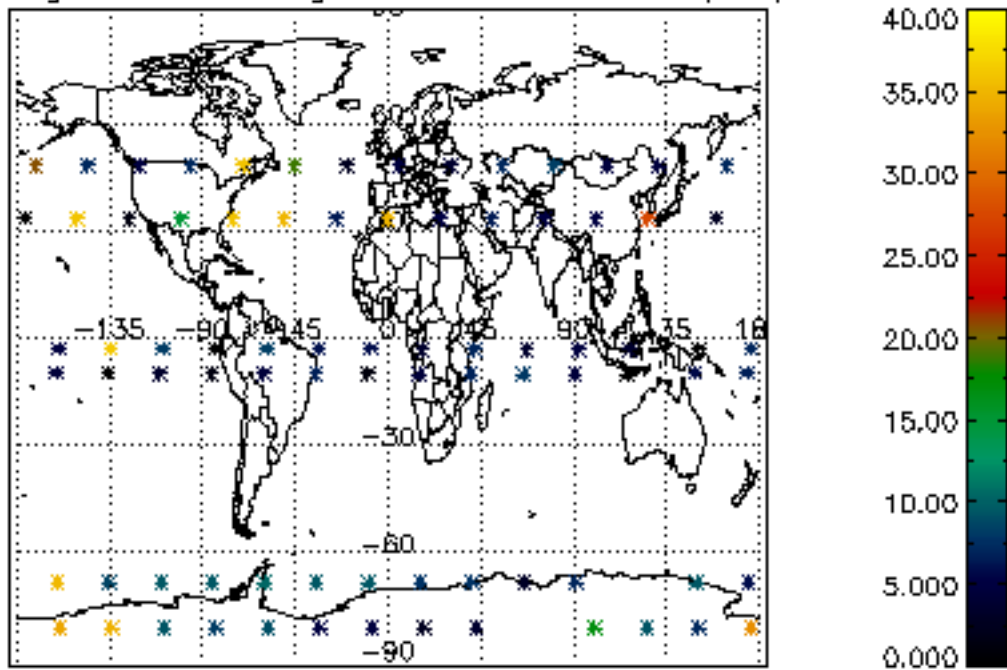
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

