

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	23APR2013 04:18:10
Data source version	GOMOS/6.01
Start time of products	10-09-2007 (10SEP2007 00:00:00)
Stop time of products	11-09-2007 (11SEP2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	189
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__2PRFIN20070910_000239_000000442061_00288_28899_4487.N1	10-SEP-2007 00:02:39	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	28899	No
2	GOM_NL__2PRFIN20070910_002555_000000582061_00288_28899_4488.N1	10-SEP-2007 00:25:55	Bright	58.000	24	66Alp Gem	1.5800	10200.	116	28899	No
3	GOM_NL__2PRFIN20070910_003405_000000542061_00288_28899_4489.N1	10-SEP-2007 00:34:05	Twilight	53.500	8	10Alp CMi	0.40000	6500.0	107	28899	No
4	GOM_NL__2PRFIN20070910_004229_000000632061_00288_28899_4490.N1	10-SEP-2007 00:42:29	Dark	62.500	1	9Alp CMa	-1.4400	11000.	125	28899	No
5	GOM_NL__2PRFIN20070910_004459_000000482061_00288_28899_4491.N1	10-SEP-2007 00:44:59	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	28899	No
6	GOM_NL__2PRFIN20070910_005020_000000512061_00288_28899_4492.N1	10-SEP-2007 00:50:20	Dark	50.500	108	Alp Col	2.6520	15200.	101	28899	No
7	GOM_NL__2PRFIN20070910_010155_000000402061_00289_28900_4495.N1	10-SEP-2007 01:01:55	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28900	No
8	GOM_NL__2PRFIN20070910_010317_000000442061_00289_28900_4496.N1	10-SEP-2007 01:03:17	Dark	43.500	9	Alp Eri	0.45300	24000.	87	28900	No
9	GOM_NL__2PRFIN20070910_010909_000000492061_00289_28900_4497.N1	10-SEP-2007 01:09:09	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	28900	No
10	GOM_NL__2PRFIN20070910_011443_000000412061_00289_28900_4498.N1	10-SEP-2007 01:14:43	Straylight	40.500	18	24Alp PsA	1.1660	9700.0	81	28900	No
11	GOM_NL__2PRFIN20070910_012340_000000382061_00289_28900_4499.N1	10-SEP-2007 01:23:40	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28900	No
12	GOM_NL__2PRFIN20070910_012843_000000422061_00289_28900_4500.N1	10-SEP-2007 01:28:43	Bright	42.000	90	54Alp Peg	2.4870	11000.	84	28900	No
13	GOM_NL__2PRFIN20070910_013256_000000382061_00289_28900_4501.N1	10-SEP-2007 01:32:56	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	28900	No
14	GOM_NL__2PRFIN20070910_014314_000000422061_00289_28900_4502.N1	10-SEP-2007 01:43:14	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	28900	No
15	GOM_NL__2PRFIN20070910_020631_000000402061_00289_28900_4503.N1	10-SEP-2007 02:06:31	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	28900	No
16	GOM_NL__2PRFIN20070910_021441_000000542061_00289_28900_4504.N1	10-SEP-2007 02:14:41	Twilight	54.000	8	10Alp CMi	0.40000	6500.0	108	28900	No
17	GOM_NL__2PRFIN20070910_022305_000000572061_00289_28900_4505.N1	10-SEP-2007 02:23:05	Dark	56.500	1	9Alp CMa	-1.4400	11000.	113	28900	No
18	GOM_NL__2PRFIN20070910_023057_000000492061_00289_28900_4506.N1	10-SEP-2007 02:30:57	Dark	49.000	108	Alp Col	2.6520	15200.	98	28900	No
19	GOM_NL__2PRFIN20070910_024231_000000402061_00290_28901_4506.N1	10-SEP-2007 02:42:31	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28901	No
20	GOM_NL__2PRFIN20070910_024354_000000492061_00290_28901_4507.N1	10-SEP-2007 02:43:54	Dark	48.500	9	Alp Eri	0.45300	24000.	97	28901	No
21	GOM_NL__2PRFIN20070910_024945_000000512061_00290_28901_4508.N1	10-SEP-2007 02:49:45	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	28901	No
22	GOM_NL__2PRFIN20070910_025519_000000462061_00290_28901_4509.N1	10-SEP-2007 02:55:19	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	28901	No
23	GOM_NL__2PRFIN20070910_030416_000000382061_00290_28901_4510.N1	10-SEP-2007 03:04:16	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	28901	No
24	GOM_NL__2PRFIN20070910_030918_000000422061_00290_28901_4511.N1	10-SEP-2007 03:09:18	Bright	42.000	90	54Alp Peg	2.4870	11000.	84	28901	No
25	GOM_NL__2PRFIN20070910_031332_000000392061_00290_28901_4512.N1	10-SEP-2007 03:13:32	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	28901	No
26	GOM_NL__2PRFIN20070910_032349_000000402061_00290_28901_4513.N1	10-SEP-2007 03:23:49	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	28901	No
27	GOM_NL__2PRFIN20070910_034707_000000412061_00290_28901_4514.N1	10-SEP-2007 03:47:07	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	28901	No
28	GOM_NL__2PRFIN20070910_035518_000000502061_00290_28901_4515.N1	10-SEP-2007 03:55:18	Twilight	50.000	8	10Alp CMi	0.40000	6500.0	100	28901	No
29	GOM_NL__2PRFIN20070910_040342_000000542061_00290_28901_4516.N1	10-SEP-2007 04:03:42	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	28901	No
30	GOM_NL__2PRFIN20070910_040612_000000472061_00290_28901_4517.N1	10-SEP-2007 04:06:12	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	28901	No
31	GOM_NL__2PRFIN20070910_040818_000000452061_00290_28901_4518.N1	10-SEP-2007 04:08:18	Dark	44.500	177	1Zet CMa	3.0220	26000.	89	28901	No
32	GOM_NL__2PRFIN20070910_041134_000000482061_00290_28901_4519.N1	10-SEP-2007 04:11:34	Dark	48.000	108	Alp Col	2.6520	15200.	96	28901	No
33	GOM_NL__2PRFIN20070910_042308_000000402061_00291_28902_4510.N1	10-SEP-2007 04:23:08	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28902	No
34	GOM_NL__2PRFIN20070910_042430_000000442061_00291_28902_4511.N1	10-SEP-2007 04:24:30	Dark	44.000	9	Alp Eri	0.45300	24000.	88	28902	No
35	GOM_NL__2PRFIN20070910_043022_000000462061_00291_28902_4512.N1	10-SEP-2007 04:30:22	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	28902	No
36	GOM_NL__2PRFIN20070910_043555_000000472061_00291_28902_4513.N1	10-SEP-2007 04:35:55	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	28902	No
37	GOM_NL__2PRFIN20070910_044954_000000422061_00291_28902_4514.N1	10-SEP-2007 04:49:54	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	28902	No
38	GOM_NL__2PRFIN20070910_045408_000000402061_00291_28902_4515.N1	10-SEP-2007 04:54:08	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	28902	No
39	GOM_NL__2PRFIN20070910_050425_000000422061_00291_28902_4516.N1	10-SEP-2007 05:04:25	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	28902	No
40	GOM_NL__2PRFIN20070910_052743_000000422061_00291_28902_4517.N1	10-SEP-2007 05:27:43	Bright	42.000	24	66Alp Gem	1.5800	10200.	84	28902	No
41	GOM_NL__2PRFIN20070910_053554_000000422061_00291_28902_4518.N1	10-SEP-2007 05:35:54	Twilight	41.500	8	10Alp CMi	0.40000	6500.0	83	28902	No
42	GOM_NL__2PRFIN20070910_054419_000000542061_00291_28902_4519.N1	10-SEP-2007 05:44:19	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	28902	No

43	GOM_NL__2PRFIN20070910_054649_000000462061_00291_28902_4520.N1	10-SEP-2007 05:46:49	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	28902	No
44	GOM_NL__2PRFIN20070910_054855_000000462061_00291_28902_4521.N1	10-SEP-2007 05:48:55	Dark	46.000	177	1Zet CMa	3.0220	26000.	92	28902	No
45	GOM_NL__2PRFIN20070910_055211_000000492061_00291_28902_4522.N1	10-SEP-2007 05:52:11	Dark	49.000	108	Alp Col	2.6520	15200.	98	28902	No
46	GOM_NL__2PRFIN20070910_060344_000000402061_00292_28903_4537.N1	10-SEP-2007 06:03:44	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28903	No
47	GOM_NL__2PRFIN20070910_060507_000000452061_00292_28903_4538.N1	10-SEP-2007 06:05:07	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28903	No
48	GOM_NL__2PRFIN20070910_061058_000000452061_00292_28903_4539.N1	10-SEP-2007 06:10:58	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	28903	No
49	GOM_NL__2PRFIN20070910_061631_000000402061_00292_28903_4540.N1	10-SEP-2007 06:16:31	Straylight	39.500	18	24Alp PsA	1.1660	9700.0	79	28903	No
50	GOM_NL__2PRFIN20070910_063030_000000432061_00292_28903_4541.N1	10-SEP-2007 06:30:30	Bright	43.000	90	54Alp Peg	2.4870	11000.	86	28903	No
51	GOM_NL__2PRFIN20070910_063443_000000382061_00292_28903_4542.N1	10-SEP-2007 06:34:43	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	28903	No
52	GOM_NL__2PRFIN20070910_064500_000000412061_00292_28903_4543.N1	10-SEP-2007 06:45:00	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	28903	No
53	GOM_NL__2PRFIN20070910_070819_000000422061_00292_28903_4544.N1	10-SEP-2007 07:08:19	Bright	42.000	24	66Alp Gem	1.5800	10200.	84	28903	No
54	GOM_NL__2PRFIN20070910_071631_000000392061_00292_28903_4545.N1	10-SEP-2007 07:16:31	Twilight	39.000	8	10Alp CMi	0.40000	6500.0	78	28903	No
55	GOM_NL__2PRFIN20070910_072456_000000552061_00292_28903_4546.N1	10-SEP-2007 07:24:56	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	28903	No
56	GOM_NL__2PRFIN20070910_072725_000000452061_00292_28903_4547.N1	10-SEP-2007 07:27:25	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	28903	No
57	GOM_NL__2PRFIN20070910_072932_000000462061_00292_28903_4548.N1	10-SEP-2007 07:29:32	Dark	45.500	177	1Zet CMa	3.0220	26000.	91	28903	No
58	GOM_NL__2PRFIN20070910_073248_000000492061_00292_28903_4549.N1	10-SEP-2007 07:32:48	Dark	48.500	108	Alp Col	2.6520	15200.	97	28903	No
59	GOM_NL__2PRFIN20070910_074421_000000392061_00293_28904_4550.N1	10-SEP-2007 07:44:21	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28904	No
60	GOM_NL__2PRFIN20070910_074543_000000532061_00293_28904_4551.N1	10-SEP-2007 07:45:43	Dark	53.000	9	Alp Eri	0.45300	24000.	106	28904	No
61	GOM_NL__2PRFIN20070910_075135_000000482061_00293_28904_4552.N1	10-SEP-2007 07:51:35	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	28904	No
62	GOM_NL__2PRFIN20070910_075707_000000442061_00293_28904_4553.N1	10-SEP-2007 07:57:07	Straylight	44.000	18	24Alp PsA	1.1660	9700.0	88	28904	No
63	GOM_NL__2PRFIN20070910_081105_000000422061_00293_28904_4554.N1	10-SEP-2007 08:11:05	Bright	42.000	90	54Alp Peg	2.4870	11000.	84	28904	No
64	GOM_NL__2PRFIN20070910_081519_000000392061_00293_28904_4555.N1	10-SEP-2007 08:15:19	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	28904	No
65	GOM_NL__2PRFIN20070910_082536_000000412061_00293_28904_4556.N1	10-SEP-2007 08:25:36	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	28904	No
66	GOM_NL__2PRFIN20070910_084855_000000592061_00293_28904_4557.N1	10-SEP-2007 08:48:55	Bright	59.000	24	66Alp Gem	1.5800	10200.	118	28904	No
67	GOM_NL__2PRFIN20070910_085707_000000562061_00293_28904_4558.N1	10-SEP-2007 08:57:07	Twilight	55.500	8	10Alp CMi	0.40000	6500.0	111	28904	No
68	GOM_NL__2PRFIN20070910_090533_000000552061_00293_28904_4559.N1	10-SEP-2007 09:05:33	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	28904	No
69	GOM_NL__2PRFIN20070910_090802_000000442061_00293_28904_4560.N1	10-SEP-2007 09:08:02	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	28904	No
70	GOM_NL__2PRFIN20070910_091009_000000452061_00293_28904_4561.N1	10-SEP-2007 09:10:09	Dark	44.500	177	1Zet CMa	3.0220	26000.	89	28904	No
71	GOM_NL__2PRFIN20070910_091325_000000492061_00293_28904_4562.N1	10-SEP-2007 09:13:25	Dark	49.000	108	Alp Col	2.6520	15200.	98	28904	No
72	GOM_NL__2PRFIN20070910_092457_000000412061_00294_28905_4565.N1	10-SEP-2007 09:24:57	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	28905	No
73	GOM_NL__2PRFIN20070910_092620_000000492061_00294_28905_4566.N1	10-SEP-2007 09:26:20	Dark	48.500	9	Alp Eri	0.45300	24000.	97	28905	No
74	GOM_NL__2PRFIN20070910_093211_000000472061_00294_28905_4567.N1	10-SEP-2007 09:32:11	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	28905	No
75	GOM_NL__2PRFIN20070910_093743_000000462061_00294_28905_4568.N1	10-SEP-2007 09:37:43	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	28905	No
76	GOM_NL__2PRFIN20070910_095141_000000412061_00294_28905_4569.N1	10-SEP-2007 09:51:41	Bright	40.500	90	54Alp Peg	2.4870	11000.	81	28905	No
77	GOM_NL__2PRFIN20070910_095555_000000402061_00294_28905_4570.N1	10-SEP-2007 09:55:55	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	28905	No
78	GOM_NL__2PRFIN20070910_100611_000000392061_00294_28905_4571.N1	10-SEP-2007 10:06:11	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	28905	No
79	GOM_NL__2PRFIN20070910_102931_000000432061_00294_28905_4572.N1	10-SEP-2007 10:29:31	Bright	43.000	24	66Alp Gem	1.5800	10200.	86	28905	No
80	GOM_NL__2PRFIN20070910_103743_000000482061_00294_28905_4573.N1	10-SEP-2007 10:37:43	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	28905	No
81	GOM_NL__2PRFIN20070910_104609_000000542061_00294_28905_4574.N1	10-SEP-2007 10:46:09	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	28905	No
82	GOM_NL__2PRFIN20070910_104838_000000482061_00294_28905_4575.N1	10-SEP-2007 10:48:38	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	28905	No
83	GOM_NL__2PRFIN20070910_105046_000000462061_00294_28905_4576.N1	10-SEP-2007 10:50:46	Dark	46.000	177	1Zet CMa	3.0220	26000.	92	28905	No
84	GOM_NL__2PRFIN20070910_105402_000000492061_00294_28905_4577.N1	10-SEP-2007 10:54:02	Dark	49.000	108	Alp Col	2.6520	15200.	98	28905	No
85	GOM_NL__2PRFIN20070910_110533_000000422061_00295_28906_4579.N1	10-SEP-2007 11:05:33	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	28906	No
86	GOM_NL__2PRFIN20070910_110656_000000532061_00295_28906_4580.N1	10-SEP-2007 11:06:56	Dark	53.000	9	Alp Eri	0.45300	24000.	106	28906	No
87	GOM_NL__2PRFIN20070910_111247_000000512061_00295_28906_4581.N1	10-SEP-2007 11:12:47	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	28906	No
88	GOM_NL__2PRFIN20070910_111819_000000452061_00295_28906_4582.N1	10-SEP-2007 11:18:19	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28906	No
89	GOM_NL__2PRFIN20070910_113216_000000412061_00295_28906_4583.N1	10-SEP-2007 11:32:16	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	28906	No
90	GOM_NL__2PRFIN20070910_113630_000000382061_00295_28906_4584.N1	10-SEP-2007 11:36:30	Bright	37.500	164	44Eta Peg	2.9480	5400.0	75	28906	No
91	GOM_NL__2PRFIN20070910_114646_000000432061_00295_28906_4585.N1	10-SEP-2007 11:46:46	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	28906	No
92	GOM_NL__2PRFIN20070910_121007_000000412061_00295_28906_4586.N1	10-SEP-2007 12:10:07	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	28906	No
93	GOM_NL__2PRFIN20070910_121819_000000492061_00295_28906_4587.N1	10-SEP-2007 12:18:19	Twilight	48.500	8	10Alp CMi	0.40000	6500.0	97	28906	No
94	GOM_NL__2PRFIN20070910_122646_000000542061_00295_28906_4588.N1	10-SEP-2007 12:26:46	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	28906	No
95	GOM_NL__2PRFIN20070910_122915_000000462061_00295_28906_4589.N1	10-SEP-2007 12:29:15	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	28906	No
96	GOM_NL__2PRFIN20070910_123123_000000462061_00295_28906_4590.N1	10-SEP-2007 12:31:23	Dark	45.500	177	1Zet CMa	3.0220	26000.	91	28906	No
97	GOM_NL__2PRFIN20070910_123439_000000482061_00295_28906_4591.N1	10-SEP-2007 12:34:39	Dark	48.000	108	Alp Col	2.6520	15200.	96	28906	No
98	GOM_NL__2PRFIN20070910_124610_000000402061_00296_28907_4588.N1	10-SEP-2007 12:46:10	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28907	No
99	GOM_NL__2PRFIN20070910_124733_000000442061_00296_28907_4589.N1	10-SEP-2007 12:47:33	Dark	44.000	9	Alp Eri	0.45300	24000.	88	28907	No
100	GOM_NL__2PRFIN20070910_125324_000000512061_00296_28907_4590.N1	10-SEP-2007 12:53:24	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	28907	No
101	GOM_NL__2PRFIN20070910_125856_000000442061_00296_28907_4591.N1	10-SEP-2007 12:58:56	Straylight	44.000	18	24Alp PsA	1.1660	9700.0	88	28907	No

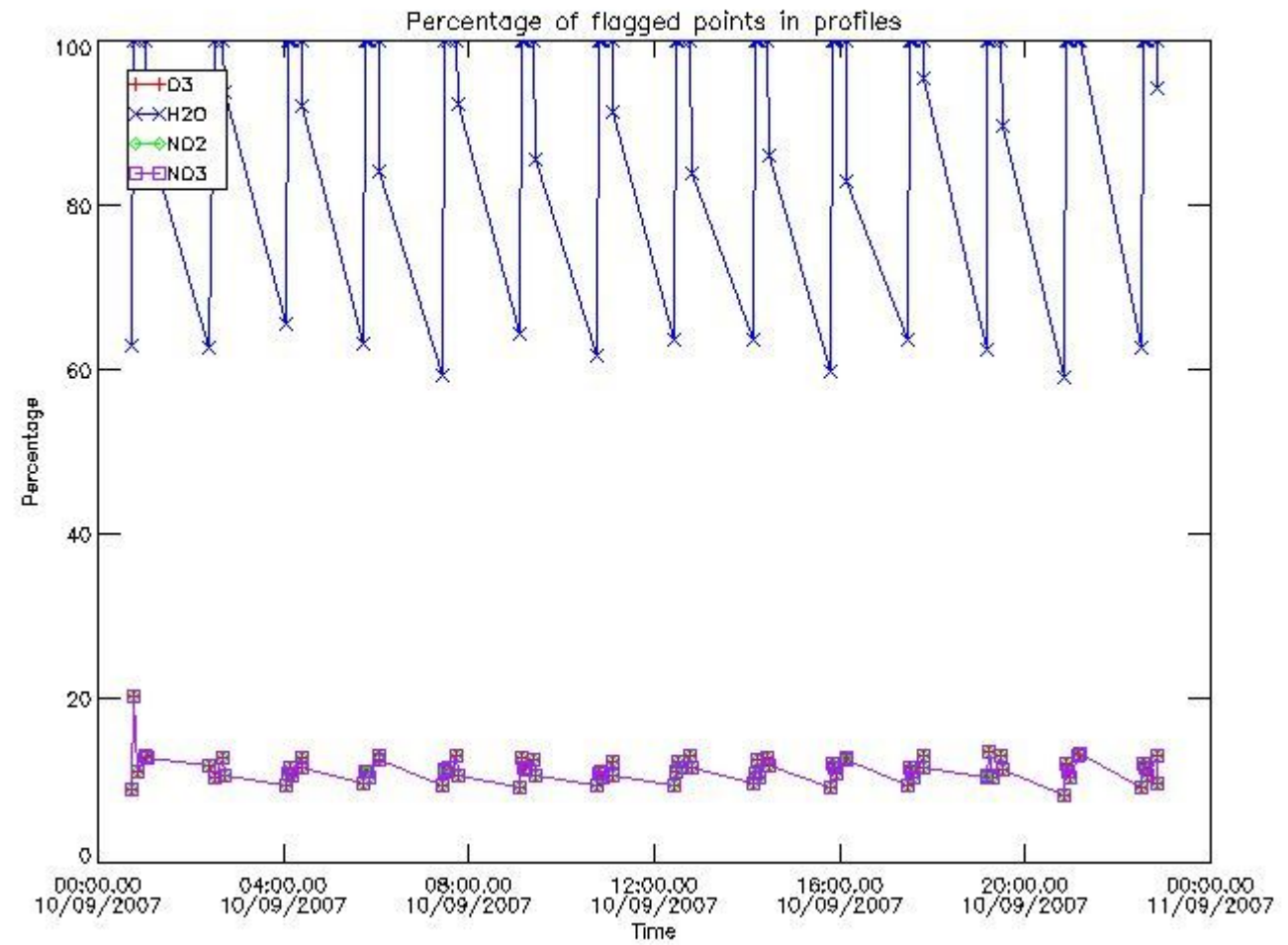
102	GOM_NL__2PRFIN20070910_131252_000000422061_00296_28907_4592.N1	10-SEP-2007 13:12:52	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	28907	No
103	GOM_NL__2PRFIN20070910_131706_000000402061_00296_28907_4593.N1	10-SEP-2007 13:17:06	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	28907	No
104	GOM_NL__2PRFIN20070910_132722_000000422061_00296_28907_4594.N1	10-SEP-2007 13:27:22	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	28907	No
105	GOM_NL__2PRFIN20070910_135044_000000422061_00296_28907_4595.N1	10-SEP-2007 13:50:44	Bright	42.000	24	66Alp Gem	1.5800	10200.	84	28907	No
106	GOM_NL__2PRFIN20070910_135856_000000572061_00296_28907_4596.N1	10-SEP-2007 13:58:56	Twilight	56.500	8	10Alp CMi	0.40000	6500.0	113	28907	No
107	GOM_NL__2PRFIN20070910_140723_000000532061_00296_28907_4597.N1	10-SEP-2007 14:07:23	Dark	52.500	1	9Alp CMA	-1.4400	11000.	105	28907	No
108	GOM_NL__2PRFIN20070910_140952_000000472061_00296_28907_4598.N1	10-SEP-2007 14:09:52	Dark	47.000	23	21Eps CMA	1.5020	26000.	94	28907	No
109	GOM_NL__2PRFIN20070910_141159_000000452061_00296_28907_4599.N1	10-SEP-2007 14:11:59	Dark	45.000	177	1Zet CMA	3.0220	26000.	90	28907	No
110	GOM_NL__2PRFIN20070910_141516_000000492061_00296_28907_4600.N1	10-SEP-2007 14:15:16	Dark	49.000	108	Alp Col	2.6520	15200.	98	28907	No
111	GOM_NL__2PRFIN20070910_142646_000000402061_00297_28908_4631.N1	10-SEP-2007 14:26:46	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28908	No
112	GOM_NL__2PRFIN20070910_142809_000000442061_00297_28908_4632.N1	10-SEP-2007 14:28:09	Dark	43.500	9	Alp Eri	0.45300	24000.	87	28908	No
113	GOM_NL__2PRFIN20070910_143400_000000442061_00297_28908_4633.N1	10-SEP-2007 14:34:00	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	28908	No
114	GOM_NL__2PRFIN20070910_143932_000000452061_00297_28908_4634.N1	10-SEP-2007 14:39:32	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	28908	No
115	GOM_NL__2PRFIN20070910_145328_000000422061_00297_28908_4635.N1	10-SEP-2007 14:53:28	Bright	42.000	90	54Alp Peg	2.4870	11000.	84	28908	No
116	GOM_NL__2PRFIN20070910_145741_000000402061_00297_28908_4636.N1	10-SEP-2007 14:57:41	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	28908	No
117	GOM_NL__2PRFIN20070910_150757_000000422061_00297_28908_4637.N1	10-SEP-2007 15:07:57	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	28908	No
118	GOM_NL__2PRFIN20070910_150954_000000252061_00297_28908_4638.N1	10-SEP-2007 15:09:54	Tw_i_and_stray	25.000	76	27Gam Cas	2.3000	30000.	50	28908	No
119	GOM_NL__2PRFIN20070910_153120_000000442061_00297_28908_4639.N1	10-SEP-2007 15:31:20	Bright	43.500	24	66Alp Gem	1.5800	10200.	87	28908	No
120	GOM_NL__2PRFIN20070910_153932_000000552061_00297_28908_4640.N1	10-SEP-2007 15:39:32	Twilight	55.000	8	10Alp CMi	0.40000	6500.0	110	28908	No
121	GOM_NL__2PRFIN20070910_154759_000000552061_00297_28908_4641.N1	10-SEP-2007 15:47:59	Dark	55.000	1	9Alp CMA	-1.4400	11000.	110	28908	No
122	GOM_NL__2PRFIN20070910_155028_000000432061_00297_28908_4642.N1	10-SEP-2007 15:50:28	Dark	42.500	23	21Eps CMA	1.5020	26000.	85	28908	No
123	GOM_NL__2PRFIN20070910_155236_000000452061_00297_28908_4643.N1	10-SEP-2007 15:52:36	Dark	44.500	177	1Zet CMA	3.0220	26000.	89	28908	No
124	GOM_NL__2PRFIN20070910_155553_000000482061_00297_28908_4644.N1	10-SEP-2007 15:55:53	Dark	47.500	108	Alp Col	2.6520	15200.	95	28908	No
125	GOM_NL__2PRFIN20070910_160723_000000402061_00298_28909_4654.N1	10-SEP-2007 16:07:23	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28909	No
126	GOM_NL__2PRFIN20070910_160846_000000452061_00298_28909_4655.N1	10-SEP-2007 16:08:46	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28909	No
127	GOM_NL__2PRFIN20070910_161437_000000502061_00298_28909_4656.N1	10-SEP-2007 16:14:37	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	28909	No
128	GOM_NL__2PRFIN20070910_162008_000000452061_00298_28909_4657.N1	10-SEP-2007 16:20:08	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28909	No
129	GOM_NL__2PRFIN20070910_163403_000000412061_00298_28909_4658.N1	10-SEP-2007 16:34:03	Bright	40.500	90	54Alp Peg	2.4870	11000.	81	28909	No
130	GOM_NL__2PRFIN20070910_163817_000000392061_00298_28909_4659.N1	10-SEP-2007 16:38:17	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	28909	No
131	GOM_NL__2PRFIN20070910_164833_000000422061_00298_28909_4660.N1	10-SEP-2007 16:48:33	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	28909	No
132	GOM_NL__2PRFIN20070910_165029_000000252061_00298_28909_4661.N1	10-SEP-2007 16:50:29	Tw_i_and_stray	25.000	76	27Gam Cas	2.3000	30000.	50	28909	No
133	GOM_NL__2PRFIN20070910_171156_000000462061_00298_28909_4662.N1	10-SEP-2007 17:11:56	Bright	45.500	24	66Alp Gem	1.5800	10200.	91	28909	No
134	GOM_NL__2PRFIN20070910_172009_000000552061_00298_28909_4663.N1	10-SEP-2007 17:20:09	Twilight	54.500	8	10Alp CMi	0.40000	6500.0	109	28909	No
135	GOM_NL__2PRFIN20070910_172836_000000542061_00298_28909_4664.N1	10-SEP-2007 17:28:36	Dark	54.000	1	9Alp CMA	-1.4400	11000.	108	28909	No
136	GOM_NL__2PRFIN20070910_173105_000000482061_00298_28909_4665.N1	10-SEP-2007 17:31:05	Dark	48.000	23	21Eps CMA	1.5020	26000.	96	28909	No
137	GOM_NL__2PRFIN20070910_173313_000000462061_00298_28909_4666.N1	10-SEP-2007 17:33:13	Dark	45.500	177	1Zet CMA	3.0220	26000.	91	28909	No
138	GOM_NL__2PRFIN20070910_173630_000000492061_00298_28909_4667.N1	10-SEP-2007 17:36:30	Dark	49.000	108	Alp Col	2.6520	15200.	98	28909	No
139	GOM_NL__2PRFIN20070910_174759_000000402061_00299_28910_4671.N1	10-SEP-2007 17:47:59	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28910	No
140	GOM_NL__2PRFIN20070910_174922_000000452061_00299_28910_4672.N1	10-SEP-2007 17:49:22	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28910	No
141	GOM_NL__2PRFIN20070910_175513_000000522061_00299_28910_4673.N1	10-SEP-2007 17:55:13	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	28910	No
142	GOM_NL__2PRFIN20070910_180044_000000452061_00299_28910_4674.N1	10-SEP-2007 18:00:44	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28910	No
143	GOM_NL__2PRFIN20070910_181439_000000422061_00299_28910_4675.N1	10-SEP-2007 18:14:39	Bright	42.000	90	54Alp Peg	2.4870	11000.	84	28910	No
144	GOM_NL__2PRFIN20070910_181853_000000392061_00299_28910_4676.N1	10-SEP-2007 18:18:53	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	28910	No
145	GOM_NL__2PRFIN20070910_182908_000000422061_00299_28910_4677.N1	10-SEP-2007 18:29:08	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	28910	No
146	GOM_NL__2PRFIN20070910_183105_000000282061_00299_28910_4678.N1	10-SEP-2007 18:31:05	Tw_i_and_stray	28.000	76	27Gam Cas	2.3000	30000.	56	28910	No
147	GOM_NL__2PRFIN20070910_185232_000000412061_00299_28910_4679.N1	10-SEP-2007 18:52:32	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	28910	No
148	GOM_NL__2PRFIN20070910_190045_000000582061_00299_28910_4680.N1	10-SEP-2007 19:00:45	Twilight	58.000	8	10Alp CMi	0.40000	6500.0	116	28910	No
149	GOM_NL__2PRFIN20070910_190913_000000542061_00299_28910_4681.N1	10-SEP-2007 19:09:13	Dark	53.500	1	9Alp CMA	-1.4400	11000.	107	28910	No
150	GOM_NL__2PRFIN20070910_191142_000000482061_00299_28910_4682.N1	10-SEP-2007 19:11:42	Dark	48.000	23	21Eps CMA	1.5020	26000.	96	28910	No
151	GOM_NL__2PRFIN20070910_191350_000000462061_00299_28910_4683.N1	10-SEP-2007 19:13:50	Dark	45.500	177	1Zet CMA	3.0220	26000.	91	28910	No
152	GOM_NL__2PRFIN20070910_191707_000000492061_00299_28910_4684.N1	10-SEP-2007 19:17:07	Dark	49.000	108	Alp Col	2.6520	15200.	98	28910	No
153	GOM_NL__2PRFIN20070910_192836_000000392061_00300_28911_4684.N1	10-SEP-2007 19:28:36	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28911	No
154	GOM_NL__2PRFIN20070910_192959_000000542061_00300_28911_4685.N1	10-SEP-2007 19:29:59	Dark	53.500	9	Alp Eri	0.45300	24000.	107	28911	No
155	GOM_NL__2PRFIN20070910_193549_000000442061_00300_28911_4686.N1	10-SEP-2007 19:35:49	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	28911	No
156	GOM_NL__2PRFIN20070910_194120_000000452061_00300_28911_4687.N1	10-SEP-2007 19:41:20	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28911	No
157	GOM_NL__2PRFIN20070910_195515_000000412061_00300_28911_4688.N1	10-SEP-2007 19:55:15	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	28911	No
158	GOM_NL__2PRFIN20070910_195929_000000392061_00300_28911_4689.N1	10-SEP-2007 19:59:29	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	28911	No
159	GOM_NL__2PRFIN20070910_200944_000000442061_00300_28911_4690.N1	10-SEP-2007 20:09:44	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	28911	No
160	GOM_NL__2PRFIN20070910_201140_000000282061_00300_28911_4691.N1	10-SEP-2007 20:11:40	Tw_i_and_stray	28.000	76	27Gam Cas	2.3000	30000.	56	28911	No

161	GOM_NL__2PRFIN20070910_203308_000000592061_00300_28911_4692.N1	10-SEP-2007 20:33:08	Bright	58.500	24	66Alp Gem	1.5800	10200.	117	28911	No
162	GOM_NL__2PRFIN20070910_204121_000000532061_00300_28911_4693.N1	10-SEP-2007 20:41:21	Twilight	52.500	8	10Alp CMi	0.40000	6500.0	105	28911	No
163	GOM_NL__2PRFIN20070910_204950_000000622061_00300_28911_4694.N1	10-SEP-2007 20:49:50	Dark	61.500	1	9Alp CMa	-1.4400	11000.	123	28911	No
164	GOM_NL__2PRFIN20070910_205218_000000472061_00300_28911_4695.N1	10-SEP-2007 20:52:18	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	28911	No
165	GOM_NL__2PRFIN20070910_205427_000000462061_00300_28911_4696.N1	10-SEP-2007 20:54:27	Dark	46.000	177	1Zet CMa	3.0220	26000.	92	28911	No
166	GOM_NL__2PRFIN20070910_205744_000000492061_00300_28911_4697.N1	10-SEP-2007 20:57:44	Dark	49.000	108	Alp Col	2.6520	15200.	98	28911	No
167	GOM_NL__2PRFIN20070910_210912_000000402061_00301_28912_4704.N1	10-SEP-2007 21:09:12	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28912	No
168	GOM_NL__2PRFIN20070910_211035_000000422061_00301_28912_4705.N1	10-SEP-2007 21:10:35	Dark	42.000	9	Alp Eri	0.45300	24000.	84	28912	No
169	GOM_NL__2PRFIN20070910_211626_000000482061_00301_28912_4706.N1	10-SEP-2007 21:16:26	Straylight	48.000	84	Alp Phe	2.3970	4500.0	96	28912	No
170	GOM_NL__2PRFIN20070910_212156_000000452061_00301_28912_4707.N1	10-SEP-2007 21:21:56	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28912	No
171	GOM_NL__2PRFIN20070910_213550_000000422061_00301_28912_4708.N1	10-SEP-2007 21:35:50	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	28912	No
172	GOM_NL__2PRFIN20070910_214004_000000412061_00301_28912_4709.N1	10-SEP-2007 21:40:04	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	28912	No
173	GOM_NL__2PRFIN20070910_215019_000000432061_00301_28912_4710.N1	10-SEP-2007 21:50:19	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	28912	No
174	GOM_NL__2PRFIN20070910_215215_000000312061_00301_28912_4711.N1	10-SEP-2007 21:52:15	Tw_i_and_stray	31.000	76	27Gam Cas	2.3000	30000.	62	28912	No
175	GOM_NL__2PRFIN20070910_221344_000000522061_00301_28912_4712.N1	10-SEP-2007 22:13:44	Bright	51.500	24	66Alp Gem	1.5800	10200.	103	28912	No
176	GOM_NL__2PRFIN20070910_222158_000000512061_00301_28912_4713.N1	10-SEP-2007 22:21:58	Twilight	50.500	8	10Alp CMi	0.40000	6500.0	101	28912	No
177	GOM_NL__2PRFIN20070910_223027_000000562061_00301_28912_4714.N1	10-SEP-2007 22:30:27	Dark	55.500	1	9Alp CMa	-1.4400	11000.	111	28912	No
178	GOM_NL__2PRFIN20070910_223255_000000472061_00301_28912_4715.N1	10-SEP-2007 22:32:55	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	28912	No
179	GOM_NL__2PRFIN20070910_223504_000000442061_00301_28912_4716.N1	10-SEP-2007 22:35:04	Dark	44.000	177	1Zet CMa	3.0220	26000.	88	28912	No
180	GOM_NL__2PRFIN20070910_223821_000000482061_00301_28912_4717.N1	10-SEP-2007 22:38:21	Dark	48.000	108	Alp Col	2.6520	15200.	96	28912	No
181	GOM_NL__2PRFIN20070910_224948_000000402061_00302_28913_4726.N1	10-SEP-2007 22:49:48	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28913	No
182	GOM_NL__2PRFIN20070910_225111_000000532061_00302_28913_4727.N1	10-SEP-2007 22:51:11	Dark	53.000	9	Alp Eri	0.45300	24000.	106	28913	No
183	GOM_NL__2PRFIN20070910_225702_000000532061_00302_28913_4728.N1	10-SEP-2007 22:57:02	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	28913	No
184	GOM_NL__2PRFIN20070910_230232_000000502061_00302_28913_4729.N1	10-SEP-2007 23:02:32	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	28913	No
185	GOM_NL__2PRFIN20070910_231626_000000422061_00302_28913_4730.N1	10-SEP-2007 23:16:26	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	28913	No
186	GOM_NL__2PRFIN20070910_232040_000000392061_00302_28913_4731.N1	10-SEP-2007 23:20:40	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	28913	No
187	GOM_NL__2PRFIN20070910_233054_000000412061_00302_28913_4732.N1	10-SEP-2007 23:30:54	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	28913	No
188	GOM_NL__2PRFIN20070910_233250_000000312061_00302_28913_4733.N1	10-SEP-2007 23:32:50	Tw_i_and_stray	31.000	76	27Gam Cas	2.3000	30000.	62	28913	No
189	GOM_NL__2PRFIN20070910_235420_000000422061_00302_28913_4734.N1	10-SEP-2007 23:54:20	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	28913	No

3. Quality information per product

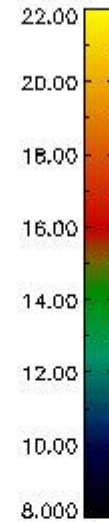
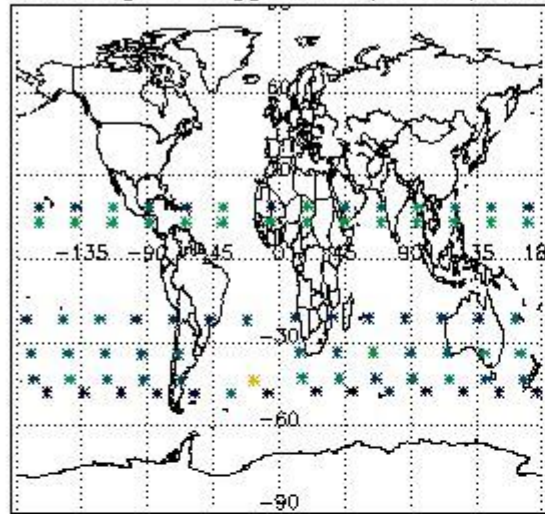
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

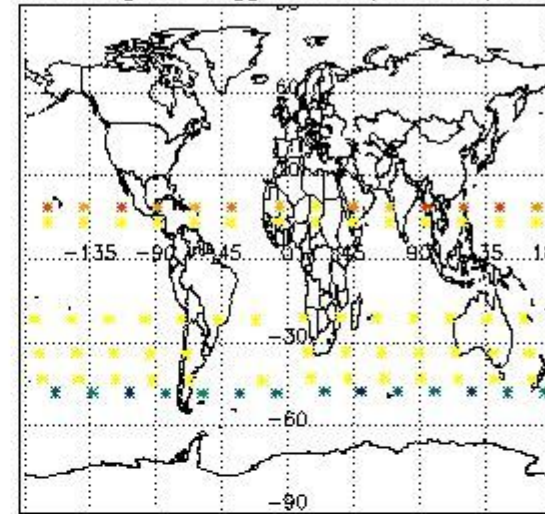


3.2 Plot quality information per product (world map)

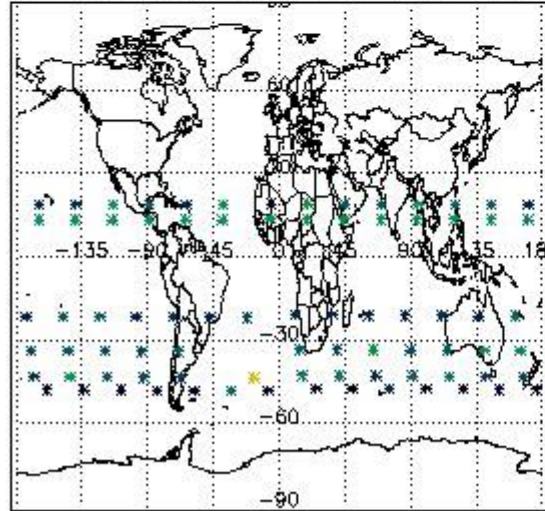
Percentage of flagged data per O3 profile



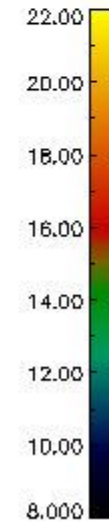
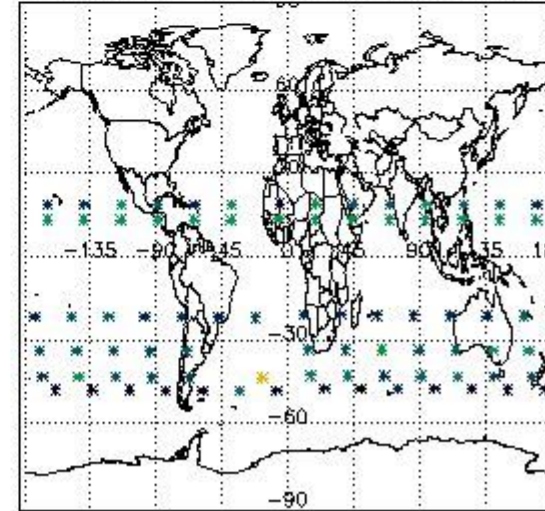
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

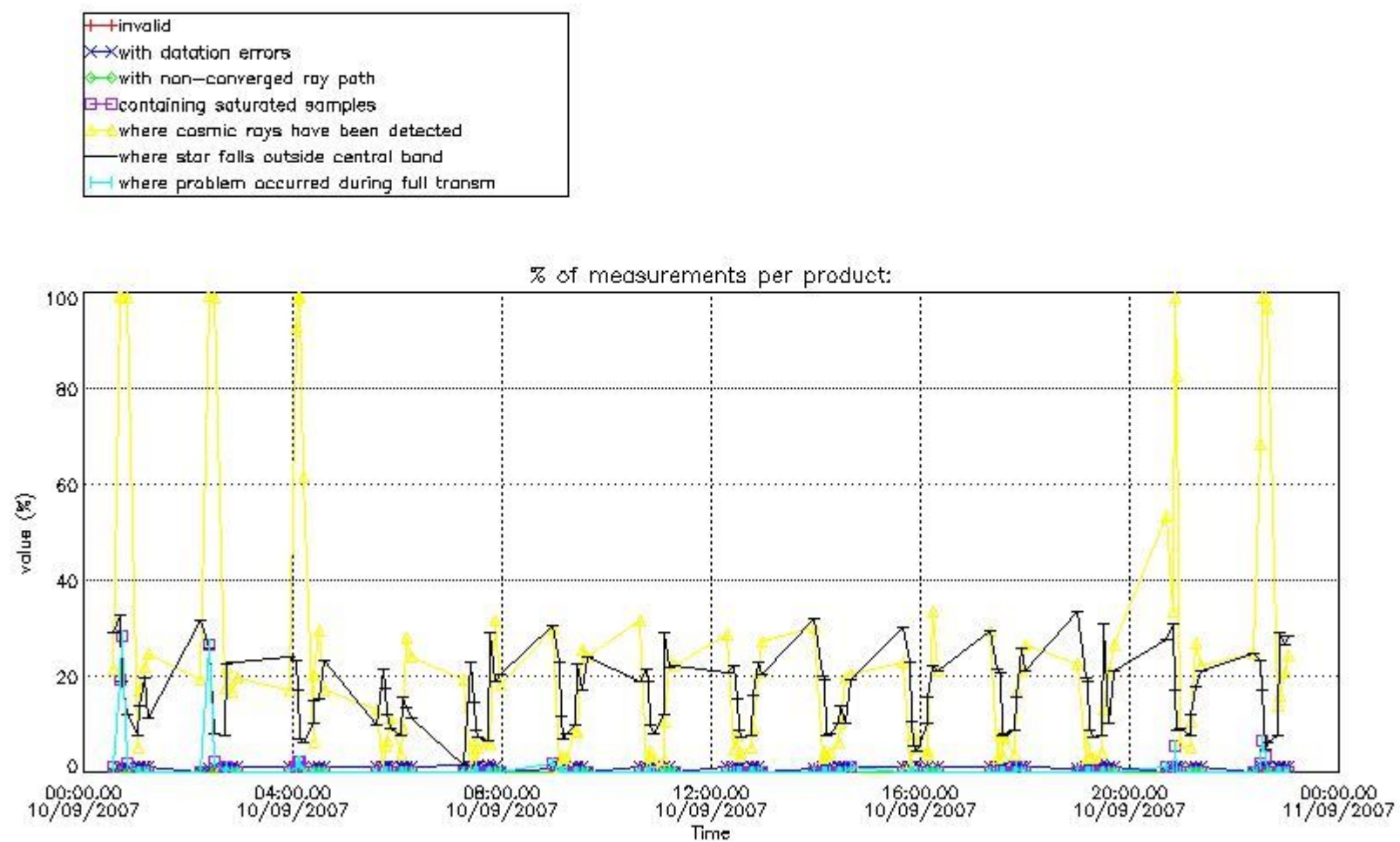


4. Level 1 quality information per product

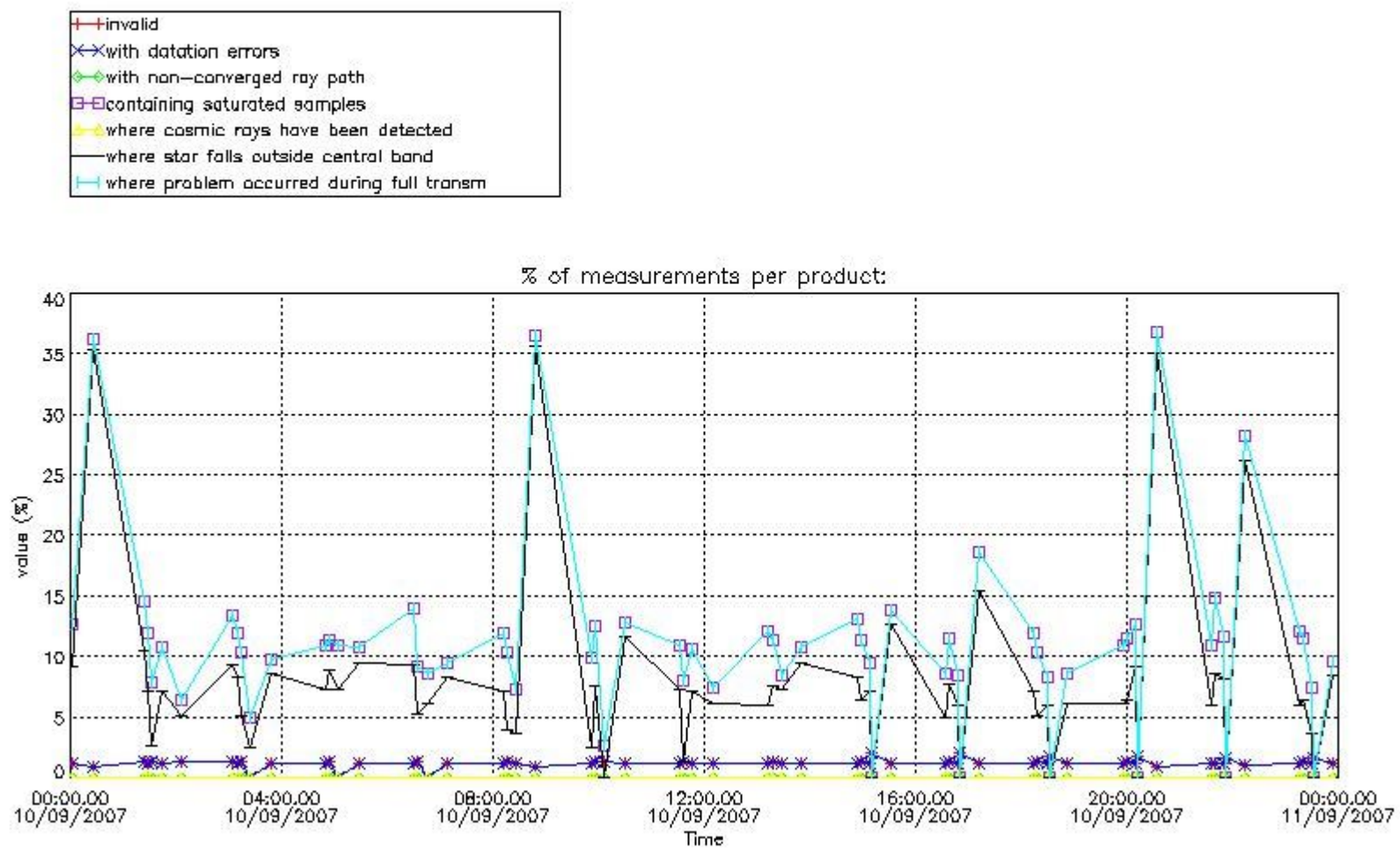
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

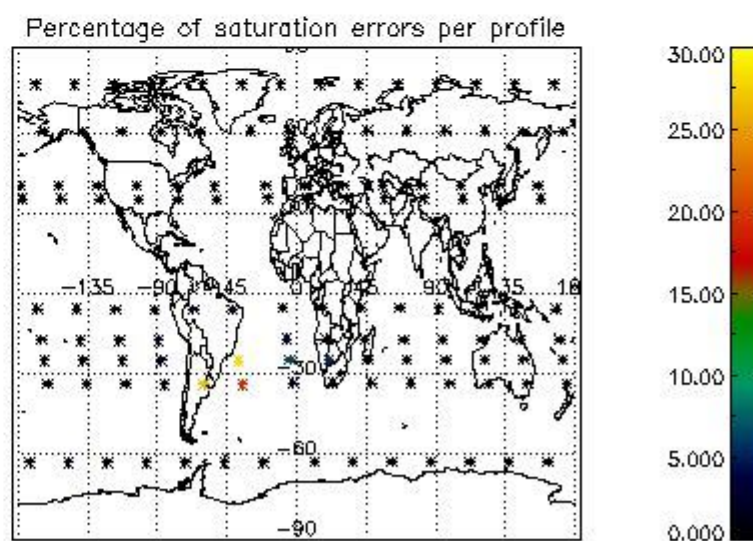
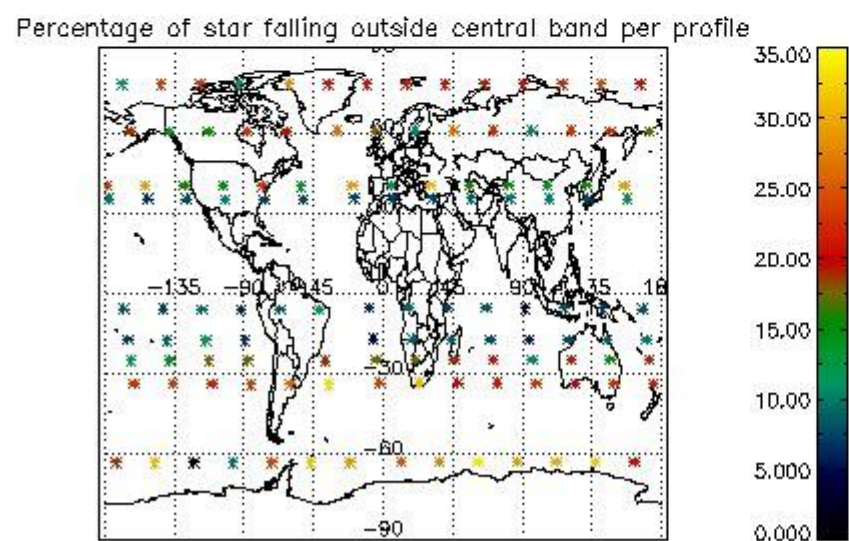
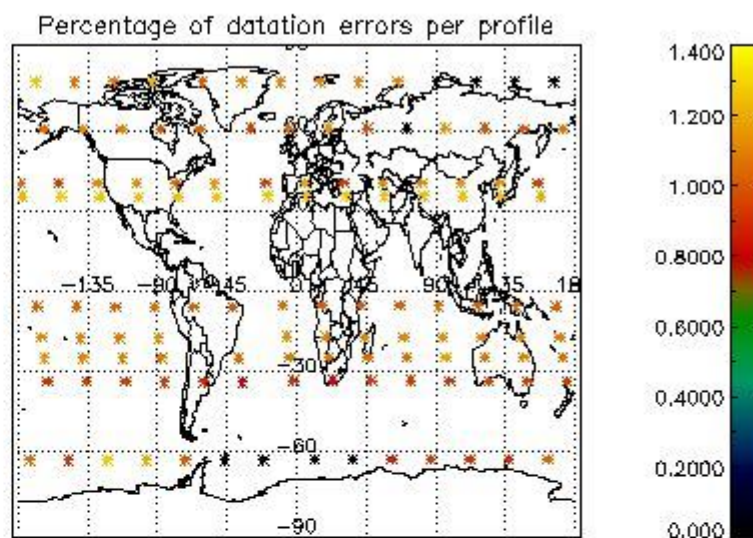
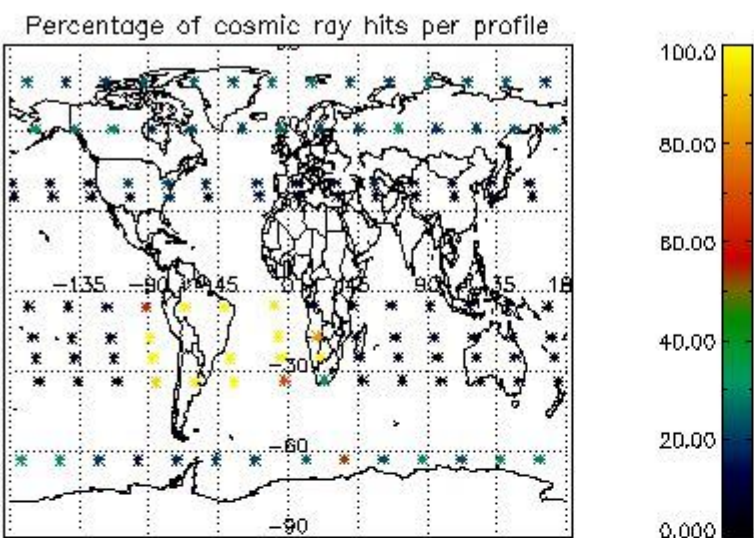


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

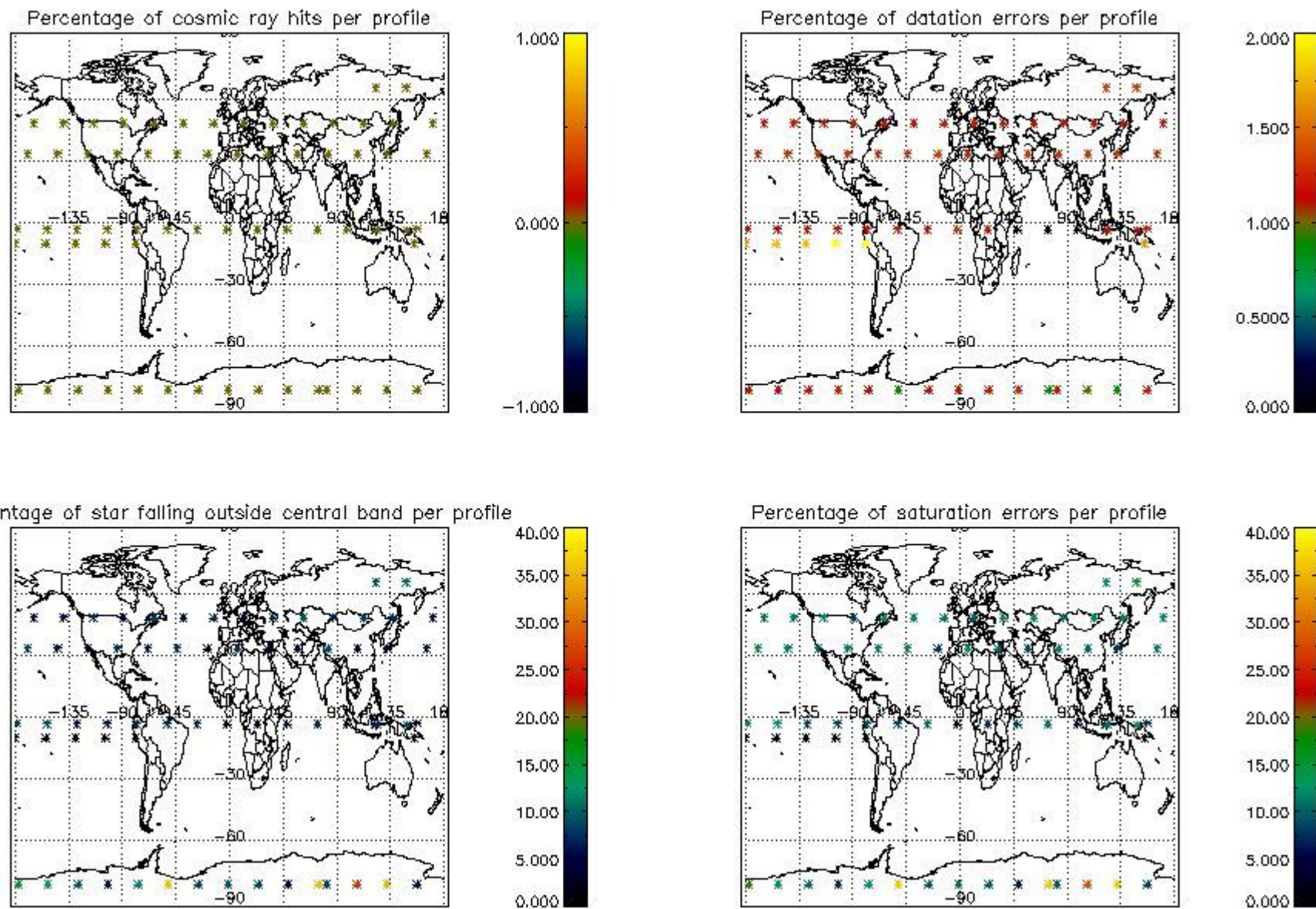


4.2 Plot quality information per product coming from level 1b processing (world map)

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

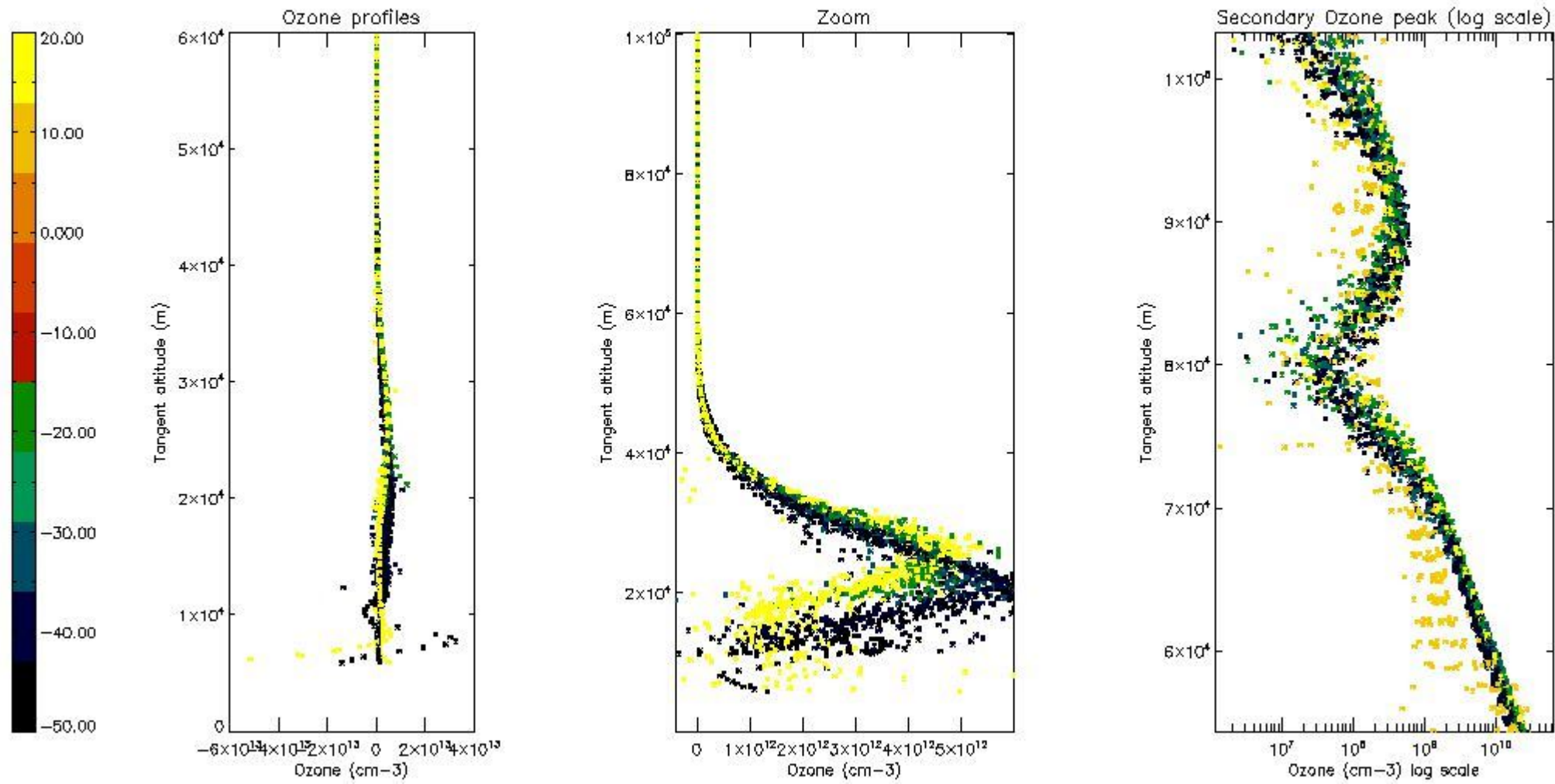
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	46
STD < 20	30

STD < 10	26
STD < 5	20

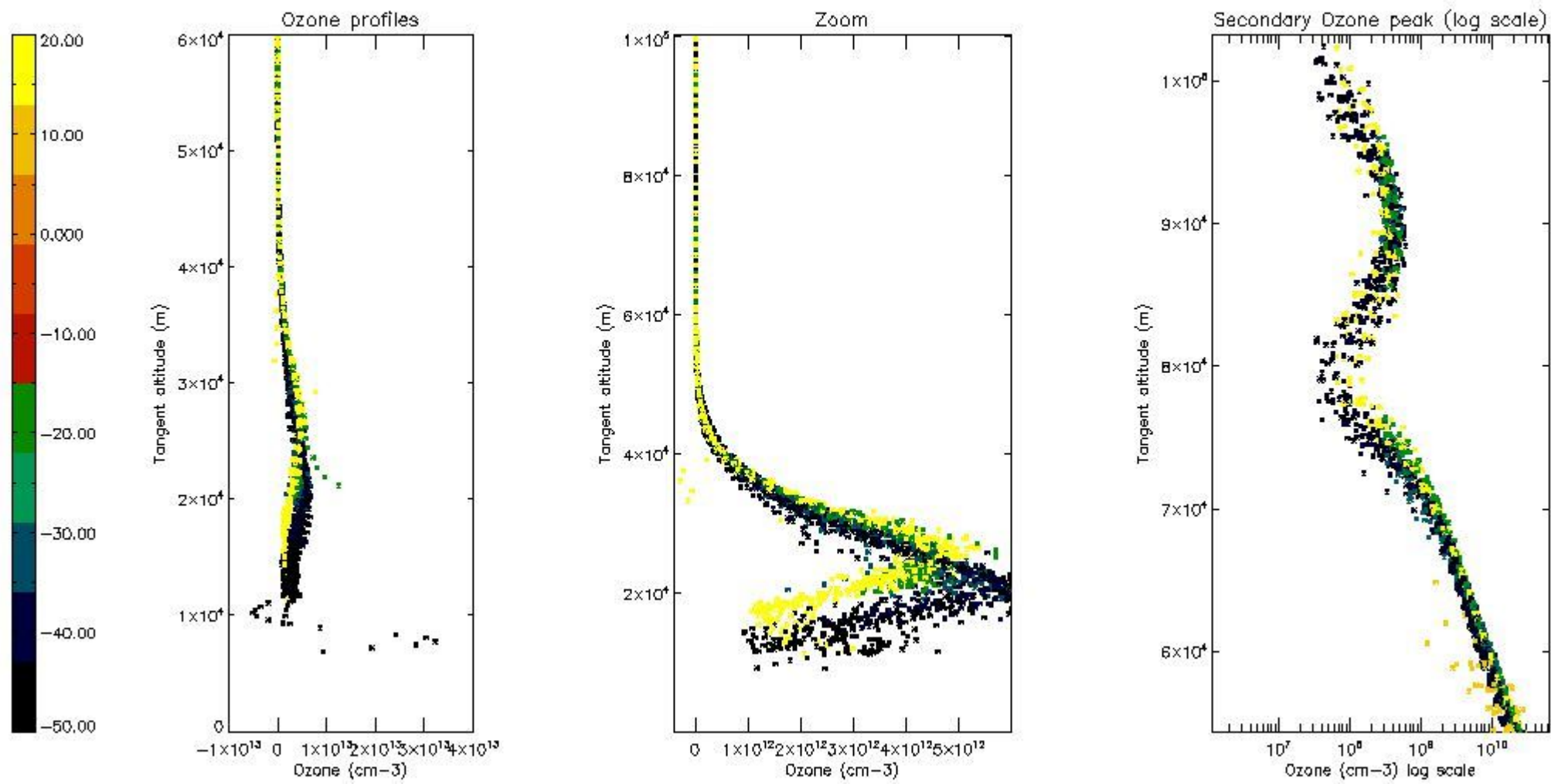
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



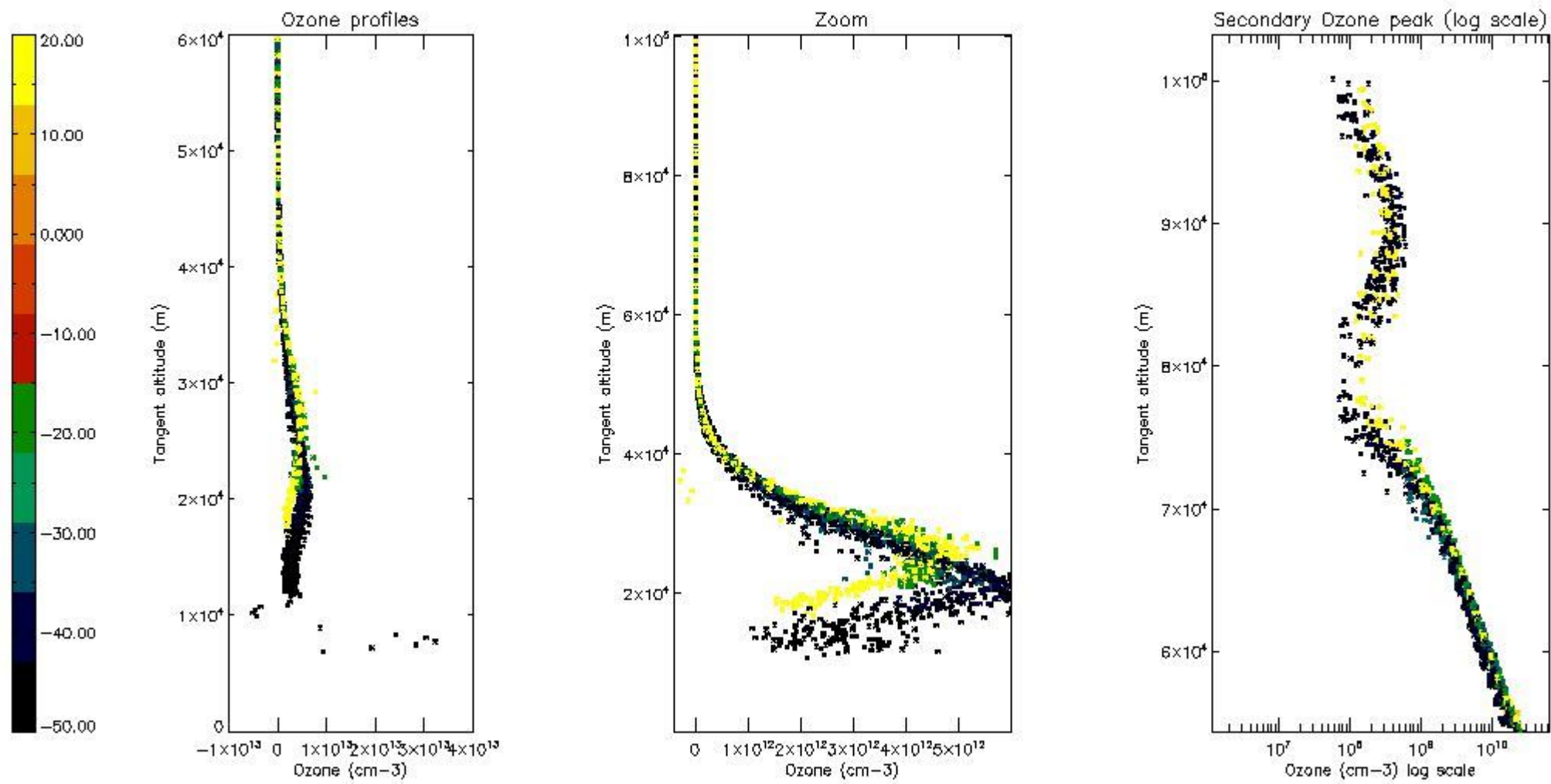
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



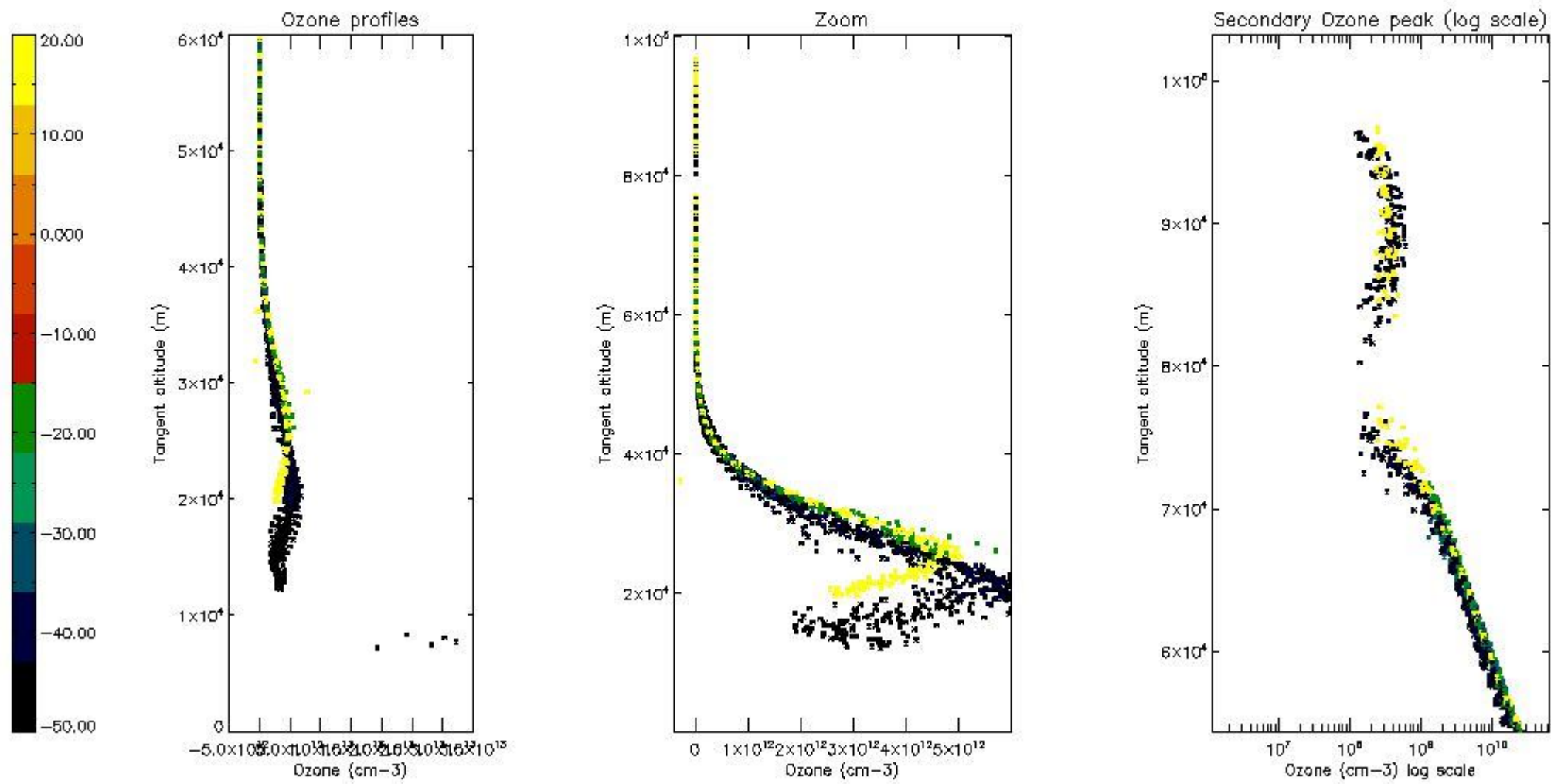
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



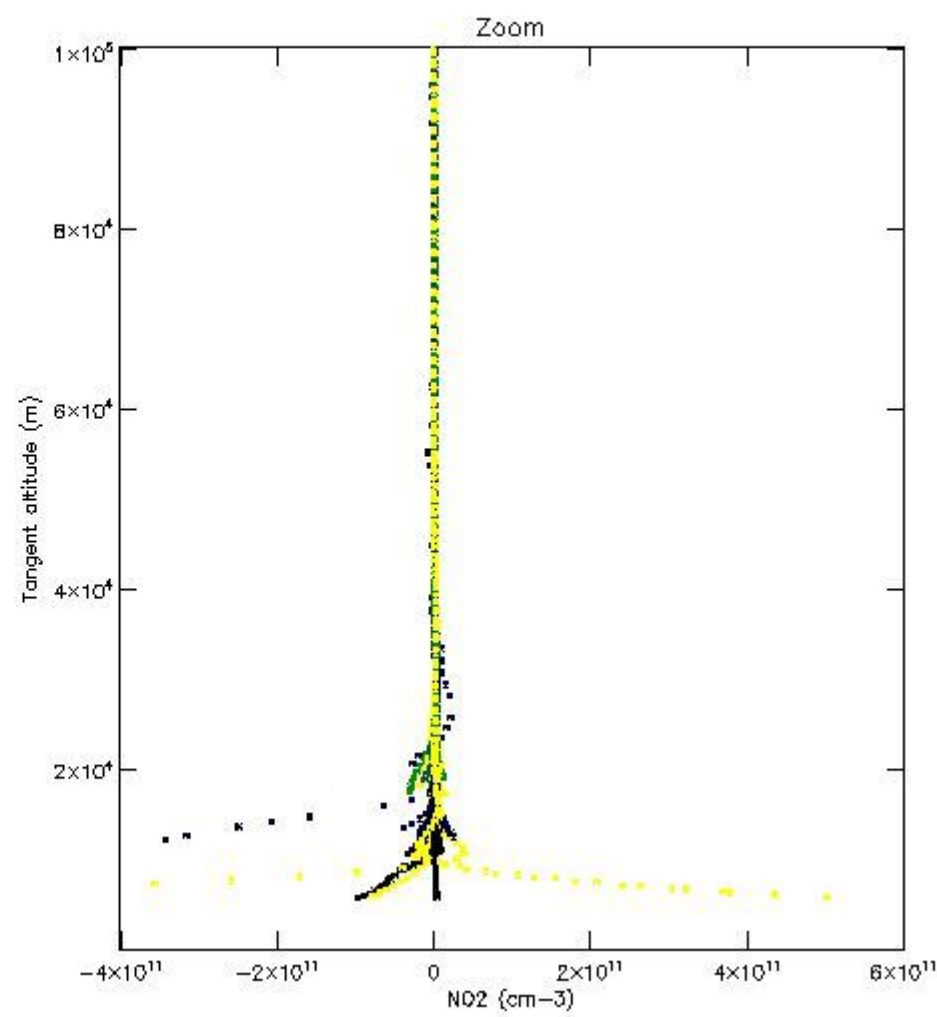
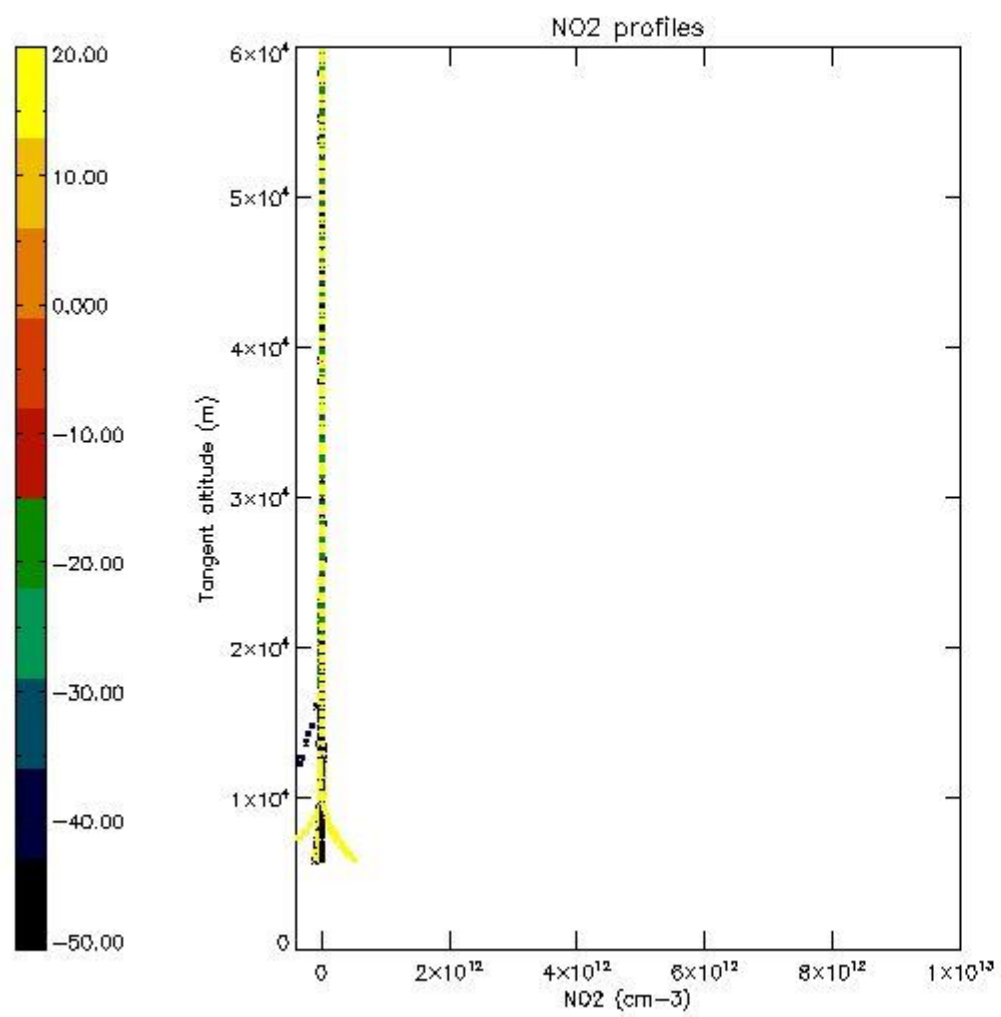
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



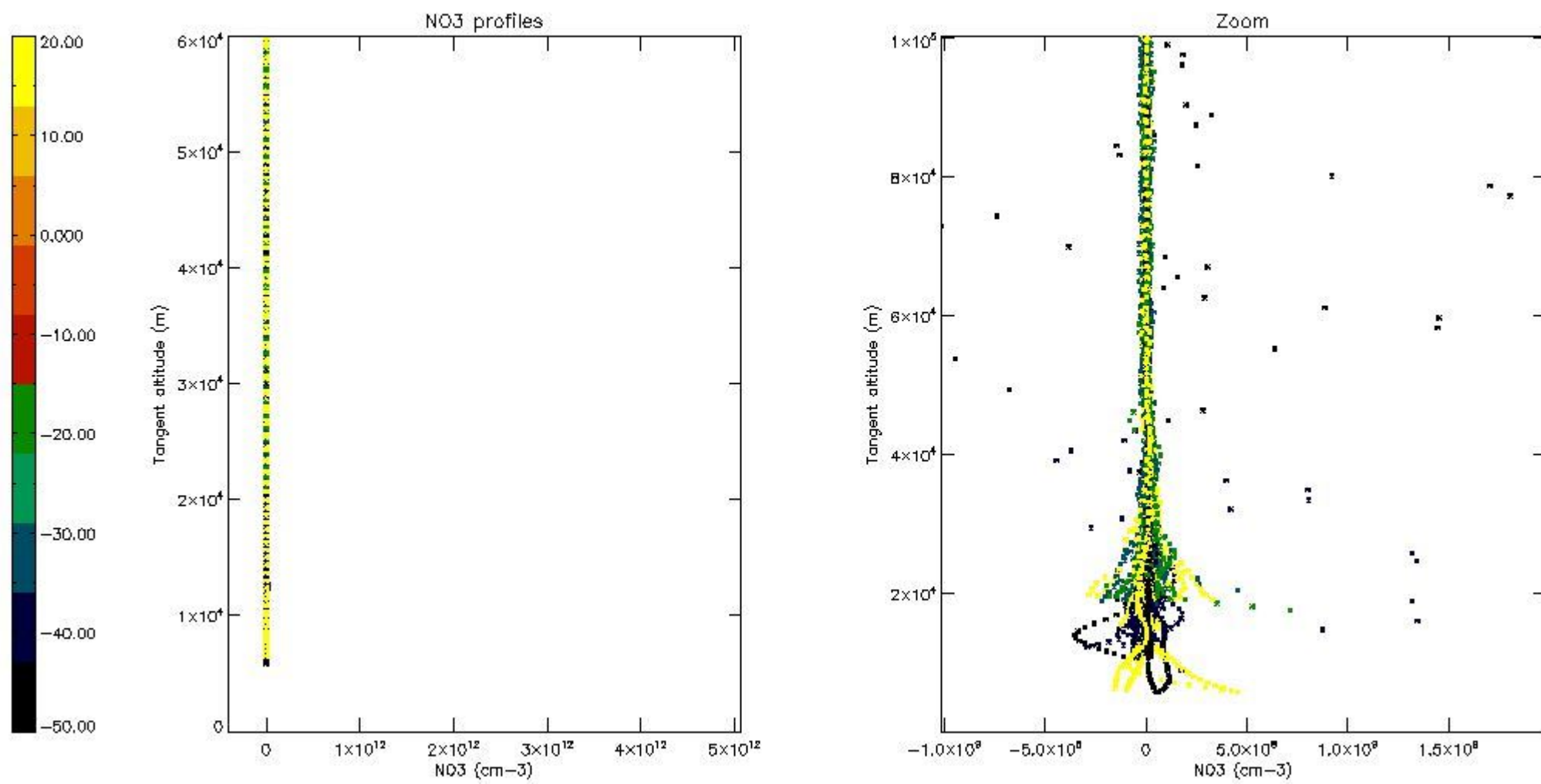
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



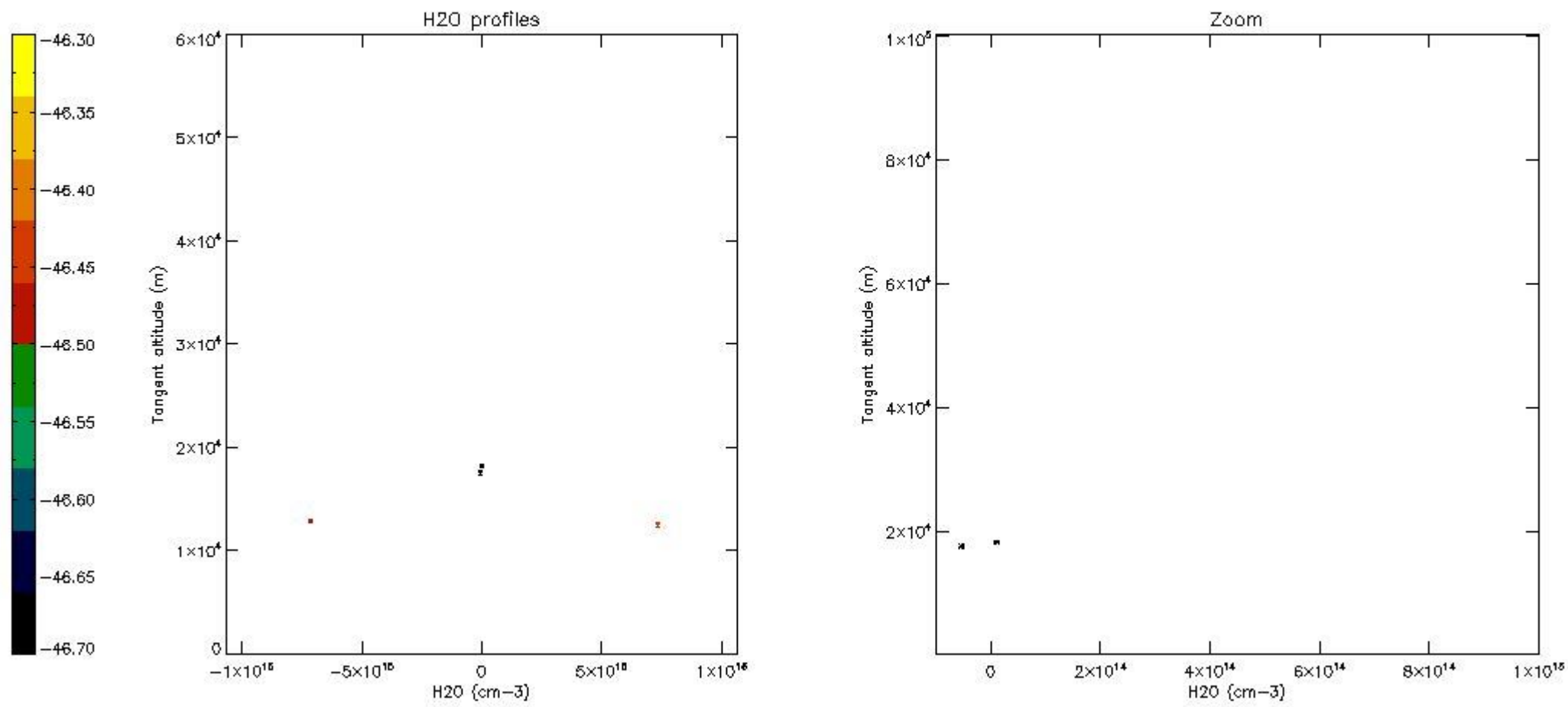
5.7 Plot NO3 profiles for all STD (dark without errors)

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-2007 00:02:39
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	10-SEP-2007 00:02:39
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	10-SEP-2007 00:02:39

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	23APR2013 04:18:10
Data source version	GOMOS/6.01
Start time of products	10-09-2007 (10SEP2007 00:00:00)
Stop time of products	11-09-2007 (11SEP2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	189
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__2PRFIN20070910_000239_000000442061_00288_28899_4487.N1	10-SEP-2007 00:02:39	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	28899	No
2	GOM_NL__2PRFIN20070910_002555_000000582061_00288_28899_4488.N1	10-SEP-2007 00:25:55	Bright	58.000	24	66Alp Gem	1.5800	10200.	116	28899	No
3	GOM_NL__2PRFIN20070910_003405_000000542061_00288_28899_4489.N1	10-SEP-2007 00:34:05	Twilight	53.500	8	10Alp CMi	0.40000	6500.0	107	28899	No
4	GOM_NL__2PRFIN20070910_004229_000000632061_00288_28899_4490.N1	10-SEP-2007 00:42:29	Dark	62.500	1	9Alp CMa	-1.4400	11000.	125	28899	No
5	GOM_NL__2PRFIN20070910_004459_000000482061_00288_28899_4491.N1	10-SEP-2007 00:44:59	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	28899	No
6	GOM_NL__2PRFIN20070910_005020_000000512061_00288_28899_4492.N1	10-SEP-2007 00:50:20	Dark	50.500	108	Alp Col	2.6520	15200.	101	28899	No
7	GOM_NL__2PRFIN20070910_010155_000000402061_00289_28900_4495.N1	10-SEP-2007 01:01:55	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28900	No
8	GOM_NL__2PRFIN20070910_010317_000000442061_00289_28900_4496.N1	10-SEP-2007 01:03:17	Dark	43.500	9	Alp Eri	0.45300	24000.	87	28900	No
9	GOM_NL__2PRFIN20070910_010909_000000492061_00289_28900_4497.N1	10-SEP-2007 01:09:09	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	28900	No
10	GOM_NL__2PRFIN20070910_011443_000000412061_00289_28900_4498.N1	10-SEP-2007 01:14:43	Straylight	40.500	18	24Alp PsA	1.1660	9700.0	81	28900	No
11	GOM_NL__2PRFIN20070910_012340_000000382061_00289_28900_4499.N1	10-SEP-2007 01:23:40	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28900	No
12	GOM_NL__2PRFIN20070910_012843_000000422061_00289_28900_4500.N1	10-SEP-2007 01:28:43	Bright	42.000	90	54Alp Peg	2.4870	11000.	84	28900	No
13	GOM_NL__2PRFIN20070910_013256_000000382061_00289_28900_4501.N1	10-SEP-2007 01:32:56	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	28900	No
14	GOM_NL__2PRFIN20070910_014314_000000422061_00289_28900_4502.N1	10-SEP-2007 01:43:14	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	28900	No
15	GOM_NL__2PRFIN20070910_020631_000000402061_00289_28900_4503.N1	10-SEP-2007 02:06:31	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	28900	No
16	GOM_NL__2PRFIN20070910_021441_000000542061_00289_28900_4504.N1	10-SEP-2007 02:14:41	Twilight	54.000	8	10Alp CMi	0.40000	6500.0	108	28900	No
17	GOM_NL__2PRFIN20070910_022305_000000572061_00289_28900_4505.N1	10-SEP-2007 02:23:05	Dark	56.500	1	9Alp CMa	-1.4400	11000.	113	28900	No
18	GOM_NL__2PRFIN20070910_023057_000000492061_00289_28900_4506.N1	10-SEP-2007 02:30:57	Dark	49.000	108	Alp Col	2.6520	15200.	98	28900	No
19	GOM_NL__2PRFIN20070910_024231_000000402061_00290_28901_4506.N1	10-SEP-2007 02:42:31	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28901	No
20	GOM_NL__2PRFIN20070910_024354_000000492061_00290_28901_4507.N1	10-SEP-2007 02:43:54	Dark	48.500	9	Alp Eri	0.45300	24000.	97	28901	No
21	GOM_NL__2PRFIN20070910_024945_000000512061_00290_28901_4508.N1	10-SEP-2007 02:49:45	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	28901	No
22	GOM_NL__2PRFIN20070910_025519_000000462061_00290_28901_4509.N1	10-SEP-2007 02:55:19	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	28901	No
23	GOM_NL__2PRFIN20070910_030416_000000382061_00290_28901_4510.N1	10-SEP-2007 03:04:16	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	28901	No
24	GOM_NL__2PRFIN20070910_030918_000000422061_00290_28901_4511.N1	10-SEP-2007 03:09:18	Bright	42.000	90	54Alp Peg	2.4870	11000.	84	28901	No
25	GOM_NL__2PRFIN20070910_031332_000000392061_00290_28901_4512.N1	10-SEP-2007 03:13:32	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	28901	No
26	GOM_NL__2PRFIN20070910_032349_000000402061_00290_28901_4513.N1	10-SEP-2007 03:23:49	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	28901	No
27	GOM_NL__2PRFIN20070910_034707_000000412061_00290_28901_4514.N1	10-SEP-2007 03:47:07	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	28901	No
28	GOM_NL__2PRFIN20070910_035518_000000502061_00290_28901_4515.N1	10-SEP-2007 03:55:18	Twilight	50.000	8	10Alp CMi	0.40000	6500.0	100	28901	No
29	GOM_NL__2PRFIN20070910_040342_000000542061_00290_28901_4516.N1	10-SEP-2007 04:03:42	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	28901	No
30	GOM_NL__2PRFIN20070910_040612_000000472061_00290_28901_4517.N1	10-SEP-2007 04:06:12	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	28901	No
31	GOM_NL__2PRFIN20070910_040818_000000452061_00290_28901_4518.N1	10-SEP-2007 04:08:18	Dark	44.500	177	1Zet CMa	3.0220	26000.	89	28901	No
32	GOM_NL__2PRFIN20070910_041134_000000482061_00290_28901_4519.N1	10-SEP-2007 04:11:34	Dark	48.000	108	Alp Col	2.6520	15200.	96	28901	No
33	GOM_NL__2PRFIN20070910_042308_000000402061_00291_28902_4510.N1	10-SEP-2007 04:23:08	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28902	No
34	GOM_NL__2PRFIN20070910_042430_000000442061_00291_28902_4511.N1	10-SEP-2007 04:24:30	Dark	44.000	9	Alp Eri	0.45300	24000.	88	28902	No
35	GOM_NL__2PRFIN20070910_043022_000000462061_00291_28902_4512.N1	10-SEP-2007 04:30:22	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	28902	No
36	GOM_NL__2PRFIN20070910_043555_000000472061_00291_28902_4513.N1	10-SEP-2007 04:35:55	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	28902	No
37	GOM_NL__2PRFIN20070910_044954_000000422061_00291_28902_4514.N1	10-SEP-2007 04:49:54	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	28902	No
38	GOM_NL__2PRFIN20070910_045408_000000402061_00291_28902_4515.N1	10-SEP-2007 04:54:08	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	28902	No
39	GOM_NL__2PRFIN20070910_050425_000000422061_00291_28902_4516.N1	10-SEP-2007 05:04:25	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	28902	No
40	GOM_NL__2PRFIN20070910_052743_000000422061_00291_28902_4517.N1	10-SEP-2007 05:27:43	Bright	42.000	24	66Alp Gem	1.5800	10200.	84	28902	No
41	GOM_NL__2PRFIN20070910_053554_000000422061_00291_28902_4518.N1	10-SEP-2007 05:35:54	Twilight	41.500	8	10Alp CMi	0.40000	6500.0	83	28902	No
42	GOM_NL__2PRFIN20070910_054419_000000542061_00291_28902_4519.N1	10-SEP-2007 05:44:19	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	28902	No

43	GOM_NL__2PRFIN20070910_054649_000000462061_00291_28902_4520.N1	10-SEP-2007 05:46:49	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	28902	No
44	GOM_NL__2PRFIN20070910_054855_000000462061_00291_28902_4521.N1	10-SEP-2007 05:48:55	Dark	46.000	177	1Zet CMa	3.0220	26000.	92	28902	No
45	GOM_NL__2PRFIN20070910_055211_000000492061_00291_28902_4522.N1	10-SEP-2007 05:52:11	Dark	49.000	108	Alp Col	2.6520	15200.	98	28902	No
46	GOM_NL__2PRFIN20070910_060344_000000402061_00292_28903_4537.N1	10-SEP-2007 06:03:44	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28903	No
47	GOM_NL__2PRFIN20070910_060507_000000452061_00292_28903_4538.N1	10-SEP-2007 06:05:07	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28903	No
48	GOM_NL__2PRFIN20070910_061058_000000452061_00292_28903_4539.N1	10-SEP-2007 06:10:58	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	28903	No
49	GOM_NL__2PRFIN20070910_061631_000000402061_00292_28903_4540.N1	10-SEP-2007 06:16:31	Straylight	39.500	18	24Alp PsA	1.1660	9700.0	79	28903	No
50	GOM_NL__2PRFIN20070910_063030_000000432061_00292_28903_4541.N1	10-SEP-2007 06:30:30	Bright	43.000	90	54Alp Peg	2.4870	11000.	86	28903	No
51	GOM_NL__2PRFIN20070910_063443_000000382061_00292_28903_4542.N1	10-SEP-2007 06:34:43	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	28903	No
52	GOM_NL__2PRFIN20070910_064500_000000412061_00292_28903_4543.N1	10-SEP-2007 06:45:00	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	28903	No
53	GOM_NL__2PRFIN20070910_070819_000000422061_00292_28903_4544.N1	10-SEP-2007 07:08:19	Bright	42.000	24	66Alp Gem	1.5800	10200.	84	28903	No
54	GOM_NL__2PRFIN20070910_071631_000000392061_00292_28903_4545.N1	10-SEP-2007 07:16:31	Twilight	39.000	8	10Alp CMi	0.40000	6500.0	78	28903	No
55	GOM_NL__2PRFIN20070910_072456_000000552061_00292_28903_4546.N1	10-SEP-2007 07:24:56	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	28903	No
56	GOM_NL__2PRFIN20070910_072725_000000452061_00292_28903_4547.N1	10-SEP-2007 07:27:25	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	28903	No
57	GOM_NL__2PRFIN20070910_072932_000000462061_00292_28903_4548.N1	10-SEP-2007 07:29:32	Dark	45.500	177	1Zet CMa	3.0220	26000.	91	28903	No
58	GOM_NL__2PRFIN20070910_073248_000000492061_00292_28903_4549.N1	10-SEP-2007 07:32:48	Dark	48.500	108	Alp Col	2.6520	15200.	97	28903	No
59	GOM_NL__2PRFIN20070910_074421_000000392061_00293_28904_4550.N1	10-SEP-2007 07:44:21	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28904	No
60	GOM_NL__2PRFIN20070910_074543_000000532061_00293_28904_4551.N1	10-SEP-2007 07:45:43	Dark	53.000	9	Alp Eri	0.45300	24000.	106	28904	No
61	GOM_NL__2PRFIN20070910_075135_000000482061_00293_28904_4552.N1	10-SEP-2007 07:51:35	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	28904	No
62	GOM_NL__2PRFIN20070910_075707_000000442061_00293_28904_4553.N1	10-SEP-2007 07:57:07	Straylight	44.000	18	24Alp PsA	1.1660	9700.0	88	28904	No
63	GOM_NL__2PRFIN20070910_081105_000000422061_00293_28904_4554.N1	10-SEP-2007 08:11:05	Bright	42.000	90	54Alp Peg	2.4870	11000.	84	28904	No
64	GOM_NL__2PRFIN20070910_081519_000000392061_00293_28904_4555.N1	10-SEP-2007 08:15:19	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	28904	No
65	GOM_NL__2PRFIN20070910_082536_000000412061_00293_28904_4556.N1	10-SEP-2007 08:25:36	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	28904	No
66	GOM_NL__2PRFIN20070910_084855_000000592061_00293_28904_4557.N1	10-SEP-2007 08:48:55	Bright	59.000	24	66Alp Gem	1.5800	10200.	118	28904	No
67	GOM_NL__2PRFIN20070910_085707_000000562061_00293_28904_4558.N1	10-SEP-2007 08:57:07	Twilight	55.500	8	10Alp CMi	0.40000	6500.0	111	28904	No
68	GOM_NL__2PRFIN20070910_090533_000000552061_00293_28904_4559.N1	10-SEP-2007 09:05:33	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	28904	No
69	GOM_NL__2PRFIN20070910_090802_000000442061_00293_28904_4560.N1	10-SEP-2007 09:08:02	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	28904	No
70	GOM_NL__2PRFIN20070910_091009_000000452061_00293_28904_4561.N1	10-SEP-2007 09:10:09	Dark	44.500	177	1Zet CMa	3.0220	26000.	89	28904	No
71	GOM_NL__2PRFIN20070910_091325_000000492061_00293_28904_4562.N1	10-SEP-2007 09:13:25	Dark	49.000	108	Alp Col	2.6520	15200.	98	28904	No
72	GOM_NL__2PRFIN20070910_092457_000000412061_00294_28905_4565.N1	10-SEP-2007 09:24:57	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	28905	No
73	GOM_NL__2PRFIN20070910_092620_000000492061_00294_28905_4566.N1	10-SEP-2007 09:26:20	Dark	48.500	9	Alp Eri	0.45300	24000.	97	28905	No
74	GOM_NL__2PRFIN20070910_093211_000000472061_00294_28905_4567.N1	10-SEP-2007 09:32:11	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	28905	No
75	GOM_NL__2PRFIN20070910_093743_000000462061_00294_28905_4568.N1	10-SEP-2007 09:37:43	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	28905	No
76	GOM_NL__2PRFIN20070910_095141_000000412061_00294_28905_4569.N1	10-SEP-2007 09:51:41	Bright	40.500	90	54Alp Peg	2.4870	11000.	81	28905	No
77	GOM_NL__2PRFIN20070910_095555_000000402061_00294_28905_4570.N1	10-SEP-2007 09:55:55	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	28905	No
78	GOM_NL__2PRFIN20070910_100611_000000392061_00294_28905_4571.N1	10-SEP-2007 10:06:11	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	28905	No
79	GOM_NL__2PRFIN20070910_102931_000000432061_00294_28905_4572.N1	10-SEP-2007 10:29:31	Bright	43.000	24	66Alp Gem	1.5800	10200.	86	28905	No
80	GOM_NL__2PRFIN20070910_103743_000000482061_00294_28905_4573.N1	10-SEP-2007 10:37:43	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	28905	No
81	GOM_NL__2PRFIN20070910_104609_000000542061_00294_28905_4574.N1	10-SEP-2007 10:46:09	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	28905	No
82	GOM_NL__2PRFIN20070910_104838_000000482061_00294_28905_4575.N1	10-SEP-2007 10:48:38	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	28905	No
83	GOM_NL__2PRFIN20070910_105046_000000462061_00294_28905_4576.N1	10-SEP-2007 10:50:46	Dark	46.000	177	1Zet CMa	3.0220	26000.	92	28905	No
84	GOM_NL__2PRFIN20070910_105402_000000492061_00294_28905_4577.N1	10-SEP-2007 10:54:02	Dark	49.000	108	Alp Col	2.6520	15200.	98	28905	No
85	GOM_NL__2PRFIN20070910_110533_000000422061_00295_28906_4579.N1	10-SEP-2007 11:05:33	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	28906	No
86	GOM_NL__2PRFIN20070910_110656_000000532061_00295_28906_4580.N1	10-SEP-2007 11:06:56	Dark	53.000	9	Alp Eri	0.45300	24000.	106	28906	No
87	GOM_NL__2PRFIN20070910_111247_000000512061_00295_28906_4581.N1	10-SEP-2007 11:12:47	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	28906	No
88	GOM_NL__2PRFIN20070910_111819_000000452061_00295_28906_4582.N1	10-SEP-2007 11:18:19	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28906	No
89	GOM_NL__2PRFIN20070910_113216_000000412061_00295_28906_4583.N1	10-SEP-2007 11:32:16	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	28906	No
90	GOM_NL__2PRFIN20070910_113630_000000382061_00295_28906_4584.N1	10-SEP-2007 11:36:30	Bright	37.500	164	44Eta Peg	2.9480	5400.0	75	28906	No
91	GOM_NL__2PRFIN20070910_114646_000000432061_00295_28906_4585.N1	10-SEP-2007 11:46:46	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	28906	No
92	GOM_NL__2PRFIN20070910_121007_000000412061_00295_28906_4586.N1	10-SEP-2007 12:10:07	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	28906	No
93	GOM_NL__2PRFIN20070910_121819_000000492061_00295_28906_4587.N1	10-SEP-2007 12:18:19	Twilight	48.500	8	10Alp CMi	0.40000	6500.0	97	28906	No
94	GOM_NL__2PRFIN20070910_122646_000000542061_00295_28906_4588.N1	10-SEP-2007 12:26:46	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	28906	No
95	GOM_NL__2PRFIN20070910_122915_000000462061_00295_28906_4589.N1	10-SEP-2007 12:29:15	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	28906	No
96	GOM_NL__2PRFIN20070910_123123_000000462061_00295_28906_4590.N1	10-SEP-2007 12:31:23	Dark	45.500	177	1Zet CMa	3.0220	26000.	91	28906	No
97	GOM_NL__2PRFIN20070910_123439_000000482061_00295_28906_4591.N1	10-SEP-2007 12:34:39	Dark	48.000	108	Alp Col	2.6520	15200.	96	28906	No
98	GOM_NL__2PRFIN20070910_124610_000000402061_00296_28907_4588.N1	10-SEP-2007 12:46:10	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28907	No
99	GOM_NL__2PRFIN20070910_124733_000000442061_00296_28907_4589.N1	10-SEP-2007 12:47:33	Dark	44.000	9	Alp Eri	0.45300	24000.	88	28907	No
100	GOM_NL__2PRFIN20070910_125324_000000512061_00296_28907_4590.N1	10-SEP-2007 12:53:24	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	28907	No
101	GOM_NL__2PRFIN20070910_125856_000000442061_00296_28907_4591.N1	10-SEP-2007 12:58:56	Straylight	44.000	18	24Alp PsA	1.1660	9700.0	88	28907	No

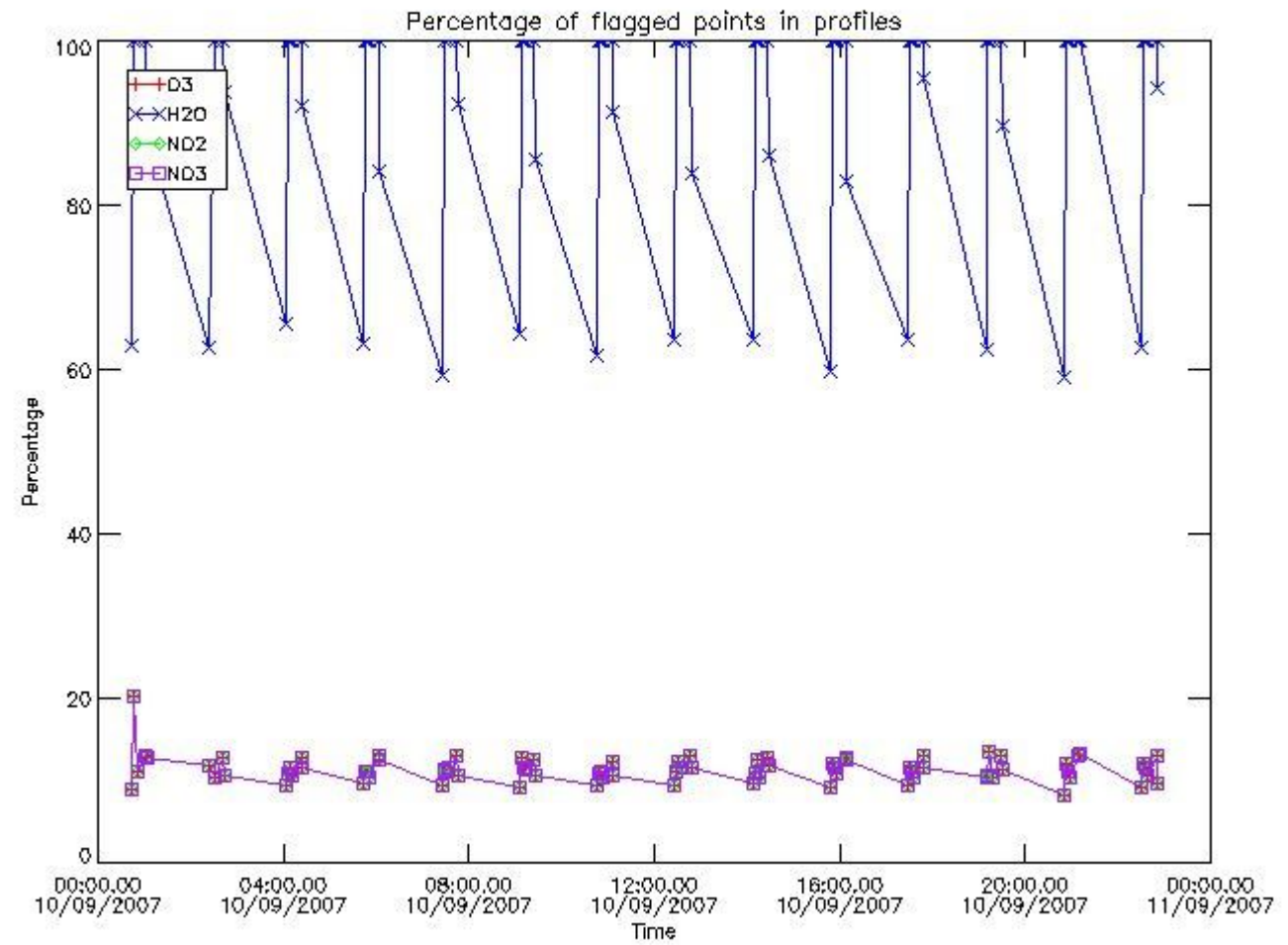
102	GOM_NL__2PRFIN20070910_131252_000000422061_00296_28907_4592.N1	10-SEP-2007 13:12:52	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	28907	No
103	GOM_NL__2PRFIN20070910_131706_000000402061_00296_28907_4593.N1	10-SEP-2007 13:17:06	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	28907	No
104	GOM_NL__2PRFIN20070910_132722_000000422061_00296_28907_4594.N1	10-SEP-2007 13:27:22	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	28907	No
105	GOM_NL__2PRFIN20070910_135044_000000422061_00296_28907_4595.N1	10-SEP-2007 13:50:44	Bright	42.000	24	66Alp Gem	1.5800	10200.	84	28907	No
106	GOM_NL__2PRFIN20070910_135856_000000572061_00296_28907_4596.N1	10-SEP-2007 13:58:56	Twilight	56.500	8	10Alp CMi	0.40000	6500.0	113	28907	No
107	GOM_NL__2PRFIN20070910_140723_000000532061_00296_28907_4597.N1	10-SEP-2007 14:07:23	Dark	52.500	1	9Alp CMA	-1.4400	11000.	105	28907	No
108	GOM_NL__2PRFIN20070910_140952_000000472061_00296_28907_4598.N1	10-SEP-2007 14:09:52	Dark	47.000	23	21Eps CMA	1.5020	26000.	94	28907	No
109	GOM_NL__2PRFIN20070910_141159_000000452061_00296_28907_4599.N1	10-SEP-2007 14:11:59	Dark	45.000	177	1Zet CMA	3.0220	26000.	90	28907	No
110	GOM_NL__2PRFIN20070910_141516_000000492061_00296_28907_4600.N1	10-SEP-2007 14:15:16	Dark	49.000	108	Alp Col	2.6520	15200.	98	28907	No
111	GOM_NL__2PRFIN20070910_142646_000000402061_00297_28908_4631.N1	10-SEP-2007 14:26:46	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28908	No
112	GOM_NL__2PRFIN20070910_142809_000000442061_00297_28908_4632.N1	10-SEP-2007 14:28:09	Dark	43.500	9	Alp Eri	0.45300	24000.	87	28908	No
113	GOM_NL__2PRFIN20070910_143400_000000442061_00297_28908_4633.N1	10-SEP-2007 14:34:00	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	28908	No
114	GOM_NL__2PRFIN20070910_143932_000000452061_00297_28908_4634.N1	10-SEP-2007 14:39:32	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	28908	No
115	GOM_NL__2PRFIN20070910_145328_000000422061_00297_28908_4635.N1	10-SEP-2007 14:53:28	Bright	42.000	90	54Alp Peg	2.4870	11000.	84	28908	No
116	GOM_NL__2PRFIN20070910_145741_000000402061_00297_28908_4636.N1	10-SEP-2007 14:57:41	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	28908	No
117	GOM_NL__2PRFIN20070910_150757_000000422061_00297_28908_4637.N1	10-SEP-2007 15:07:57	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	28908	No
118	GOM_NL__2PRFIN20070910_150954_000000252061_00297_28908_4638.N1	10-SEP-2007 15:09:54	Tw_i_and_stray	25.000	76	27Gam Cas	2.3000	30000.	50	28908	No
119	GOM_NL__2PRFIN20070910_153120_000000442061_00297_28908_4639.N1	10-SEP-2007 15:31:20	Bright	43.500	24	66Alp Gem	1.5800	10200.	87	28908	No
120	GOM_NL__2PRFIN20070910_153932_000000552061_00297_28908_4640.N1	10-SEP-2007 15:39:32	Twilight	55.000	8	10Alp CMi	0.40000	6500.0	110	28908	No
121	GOM_NL__2PRFIN20070910_154759_000000552061_00297_28908_4641.N1	10-SEP-2007 15:47:59	Dark	55.000	1	9Alp CMA	-1.4400	11000.	110	28908	No
122	GOM_NL__2PRFIN20070910_155028_000000432061_00297_28908_4642.N1	10-SEP-2007 15:50:28	Dark	42.500	23	21Eps CMA	1.5020	26000.	85	28908	No
123	GOM_NL__2PRFIN20070910_155236_000000452061_00297_28908_4643.N1	10-SEP-2007 15:52:36	Dark	44.500	177	1Zet CMA	3.0220	26000.	89	28908	No
124	GOM_NL__2PRFIN20070910_155553_000000482061_00297_28908_4644.N1	10-SEP-2007 15:55:53	Dark	47.500	108	Alp Col	2.6520	15200.	95	28908	No
125	GOM_NL__2PRFIN20070910_160723_000000402061_00298_28909_4654.N1	10-SEP-2007 16:07:23	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28909	No
126	GOM_NL__2PRFIN20070910_160846_000000452061_00298_28909_4655.N1	10-SEP-2007 16:08:46	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28909	No
127	GOM_NL__2PRFIN20070910_161437_000000502061_00298_28909_4656.N1	10-SEP-2007 16:14:37	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	28909	No
128	GOM_NL__2PRFIN20070910_162008_000000452061_00298_28909_4657.N1	10-SEP-2007 16:20:08	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28909	No
129	GOM_NL__2PRFIN20070910_163403_000000412061_00298_28909_4658.N1	10-SEP-2007 16:34:03	Bright	40.500	90	54Alp Peg	2.4870	11000.	81	28909	No
130	GOM_NL__2PRFIN20070910_163817_000000392061_00298_28909_4659.N1	10-SEP-2007 16:38:17	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	28909	No
131	GOM_NL__2PRFIN20070910_164833_000000422061_00298_28909_4660.N1	10-SEP-2007 16:48:33	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	28909	No
132	GOM_NL__2PRFIN20070910_165029_000000252061_00298_28909_4661.N1	10-SEP-2007 16:50:29	Tw_i_and_stray	25.000	76	27Gam Cas	2.3000	30000.	50	28909	No
133	GOM_NL__2PRFIN20070910_171156_000000462061_00298_28909_4662.N1	10-SEP-2007 17:11:56	Bright	45.500	24	66Alp Gem	1.5800	10200.	91	28909	No
134	GOM_NL__2PRFIN20070910_172009_000000552061_00298_28909_4663.N1	10-SEP-2007 17:20:09	Twilight	54.500	8	10Alp CMi	0.40000	6500.0	109	28909	No
135	GOM_NL__2PRFIN20070910_172836_000000542061_00298_28909_4664.N1	10-SEP-2007 17:28:36	Dark	54.000	1	9Alp CMA	-1.4400	11000.	108	28909	No
136	GOM_NL__2PRFIN20070910_173105_000000482061_00298_28909_4665.N1	10-SEP-2007 17:31:05	Dark	48.000	23	21Eps CMA	1.5020	26000.	96	28909	No
137	GOM_NL__2PRFIN20070910_173313_000000462061_00298_28909_4666.N1	10-SEP-2007 17:33:13	Dark	45.500	177	1Zet CMA	3.0220	26000.	91	28909	No
138	GOM_NL__2PRFIN20070910_173630_000000492061_00298_28909_4667.N1	10-SEP-2007 17:36:30	Dark	49.000	108	Alp Col	2.6520	15200.	98	28909	No
139	GOM_NL__2PRFIN20070910_174759_000000402061_00299_28910_4671.N1	10-SEP-2007 17:47:59	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28910	No
140	GOM_NL__2PRFIN20070910_174922_000000452061_00299_28910_4672.N1	10-SEP-2007 17:49:22	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28910	No
141	GOM_NL__2PRFIN20070910_175513_000000522061_00299_28910_4673.N1	10-SEP-2007 17:55:13	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	28910	No
142	GOM_NL__2PRFIN20070910_180044_000000452061_00299_28910_4674.N1	10-SEP-2007 18:00:44	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28910	No
143	GOM_NL__2PRFIN20070910_181439_000000422061_00299_28910_4675.N1	10-SEP-2007 18:14:39	Bright	42.000	90	54Alp Peg	2.4870	11000.	84	28910	No
144	GOM_NL__2PRFIN20070910_181853_000000392061_00299_28910_4676.N1	10-SEP-2007 18:18:53	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	28910	No
145	GOM_NL__2PRFIN20070910_182908_000000422061_00299_28910_4677.N1	10-SEP-2007 18:29:08	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	28910	No
146	GOM_NL__2PRFIN20070910_183105_000000282061_00299_28910_4678.N1	10-SEP-2007 18:31:05	Tw_i_and_stray	28.000	76	27Gam Cas	2.3000	30000.	56	28910	No
147	GOM_NL__2PRFIN20070910_185232_000000412061_00299_28910_4679.N1	10-SEP-2007 18:52:32	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	28910	No
148	GOM_NL__2PRFIN20070910_190045_000000582061_00299_28910_4680.N1	10-SEP-2007 19:00:45	Twilight	58.000	8	10Alp CMi	0.40000	6500.0	116	28910	No
149	GOM_NL__2PRFIN20070910_190913_000000542061_00299_28910_4681.N1	10-SEP-2007 19:09:13	Dark	53.500	1	9Alp CMA	-1.4400	11000.	107	28910	No
150	GOM_NL__2PRFIN20070910_191142_000000482061_00299_28910_4682.N1	10-SEP-2007 19:11:42	Dark	48.000	23	21Eps CMA	1.5020	26000.	96	28910	No
151	GOM_NL__2PRFIN20070910_191350_000000462061_00299_28910_4683.N1	10-SEP-2007 19:13:50	Dark	45.500	177	1Zet CMA	3.0220	26000.	91	28910	No
152	GOM_NL__2PRFIN20070910_191707_000000492061_00299_28910_4684.N1	10-SEP-2007 19:17:07	Dark	49.000	108	Alp Col	2.6520	15200.	98	28910	No
153	GOM_NL__2PRFIN20070910_192836_000000392061_00300_28911_4684.N1	10-SEP-2007 19:28:36	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28911	No
154	GOM_NL__2PRFIN20070910_192959_000000542061_00300_28911_4685.N1	10-SEP-2007 19:29:59	Dark	53.500	9	Alp Eri	0.45300	24000.	107	28911	No
155	GOM_NL__2PRFIN20070910_193549_000000442061_00300_28911_4686.N1	10-SEP-2007 19:35:49	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	28911	No
156	GOM_NL__2PRFIN20070910_194120_000000452061_00300_28911_4687.N1	10-SEP-2007 19:41:20	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28911	No
157	GOM_NL__2PRFIN20070910_195515_000000412061_00300_28911_4688.N1	10-SEP-2007 19:55:15	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	28911	No
158	GOM_NL__2PRFIN20070910_195929_000000392061_00300_28911_4689.N1	10-SEP-2007 19:59:29	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	28911	No
159	GOM_NL__2PRFIN20070910_200944_000000442061_00300_28911_4690.N1	10-SEP-2007 20:09:44	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	28911	No
160	GOM_NL__2PRFIN20070910_201140_000000282061_00300_28911_4691.N1	10-SEP-2007 20:11:40	Tw_i_and_stray	28.000	76	27Gam Cas	2.3000	30000.	56	28911	No

161	GOM_NL__2PRFIN20070910_203308_000000592061_00300_28911_4692.N1	10-SEP-2007 20:33:08	Bright	58.500	24	66Alp Gem	1.5800	10200.	117	28911	No
162	GOM_NL__2PRFIN20070910_204121_000000532061_00300_28911_4693.N1	10-SEP-2007 20:41:21	Twilight	52.500	8	10Alp CMi	0.40000	6500.0	105	28911	No
163	GOM_NL__2PRFIN20070910_204950_000000622061_00300_28911_4694.N1	10-SEP-2007 20:49:50	Dark	61.500	1	9Alp CMa	-1.4400	11000.	123	28911	No
164	GOM_NL__2PRFIN20070910_205218_000000472061_00300_28911_4695.N1	10-SEP-2007 20:52:18	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	28911	No
165	GOM_NL__2PRFIN20070910_205427_000000462061_00300_28911_4696.N1	10-SEP-2007 20:54:27	Dark	46.000	177	1Zet CMa	3.0220	26000.	92	28911	No
166	GOM_NL__2PRFIN20070910_205744_000000492061_00300_28911_4697.N1	10-SEP-2007 20:57:44	Dark	49.000	108	Alp Col	2.6520	15200.	98	28911	No
167	GOM_NL__2PRFIN20070910_210912_000000402061_00301_28912_4704.N1	10-SEP-2007 21:09:12	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28912	No
168	GOM_NL__2PRFIN20070910_211035_000000422061_00301_28912_4705.N1	10-SEP-2007 21:10:35	Dark	42.000	9	Alp Eri	0.45300	24000.	84	28912	No
169	GOM_NL__2PRFIN20070910_211626_000000482061_00301_28912_4706.N1	10-SEP-2007 21:16:26	Straylight	48.000	84	Alp Phe	2.3970	4500.0	96	28912	No
170	GOM_NL__2PRFIN20070910_212156_000000452061_00301_28912_4707.N1	10-SEP-2007 21:21:56	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28912	No
171	GOM_NL__2PRFIN20070910_213550_000000422061_00301_28912_4708.N1	10-SEP-2007 21:35:50	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	28912	No
172	GOM_NL__2PRFIN20070910_214004_000000412061_00301_28912_4709.N1	10-SEP-2007 21:40:04	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	28912	No
173	GOM_NL__2PRFIN20070910_215019_000000432061_00301_28912_4710.N1	10-SEP-2007 21:50:19	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	28912	No
174	GOM_NL__2PRFIN20070910_215215_000000312061_00301_28912_4711.N1	10-SEP-2007 21:52:15	Tw_i_and_stray	31.000	76	27Gam Cas	2.3000	30000.	62	28912	No
175	GOM_NL__2PRFIN20070910_221344_000000522061_00301_28912_4712.N1	10-SEP-2007 22:13:44	Bright	51.500	24	66Alp Gem	1.5800	10200.	103	28912	No
176	GOM_NL__2PRFIN20070910_222158_000000512061_00301_28912_4713.N1	10-SEP-2007 22:21:58	Twilight	50.500	8	10Alp CMi	0.40000	6500.0	101	28912	No
177	GOM_NL__2PRFIN20070910_223027_000000562061_00301_28912_4714.N1	10-SEP-2007 22:30:27	Dark	55.500	1	9Alp CMa	-1.4400	11000.	111	28912	No
178	GOM_NL__2PRFIN20070910_223255_000000472061_00301_28912_4715.N1	10-SEP-2007 22:32:55	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	28912	No
179	GOM_NL__2PRFIN20070910_223504_000000442061_00301_28912_4716.N1	10-SEP-2007 22:35:04	Dark	44.000	177	1Zet CMa	3.0220	26000.	88	28912	No
180	GOM_NL__2PRFIN20070910_223821_000000482061_00301_28912_4717.N1	10-SEP-2007 22:38:21	Dark	48.000	108	Alp Col	2.6520	15200.	96	28912	No
181	GOM_NL__2PRFIN20070910_224948_000000402061_00302_28913_4726.N1	10-SEP-2007 22:49:48	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28913	No
182	GOM_NL__2PRFIN20070910_225111_000000532061_00302_28913_4727.N1	10-SEP-2007 22:51:11	Dark	53.000	9	Alp Eri	0.45300	24000.	106	28913	No
183	GOM_NL__2PRFIN20070910_225702_000000532061_00302_28913_4728.N1	10-SEP-2007 22:57:02	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	28913	No
184	GOM_NL__2PRFIN20070910_230232_000000502061_00302_28913_4729.N1	10-SEP-2007 23:02:32	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	28913	No
185	GOM_NL__2PRFIN20070910_231626_000000422061_00302_28913_4730.N1	10-SEP-2007 23:16:26	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	28913	No
186	GOM_NL__2PRFIN20070910_232040_000000392061_00302_28913_4731.N1	10-SEP-2007 23:20:40	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	28913	No
187	GOM_NL__2PRFIN20070910_233054_000000412061_00302_28913_4732.N1	10-SEP-2007 23:30:54	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	28913	No
188	GOM_NL__2PRFIN20070910_233250_000000312061_00302_28913_4733.N1	10-SEP-2007 23:32:50	Tw_i_and_stray	31.000	76	27Gam Cas	2.3000	30000.	62	28913	No
189	GOM_NL__2PRFIN20070910_235420_000000422061_00302_28913_4734.N1	10-SEP-2007 23:54:20	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	28913	No

3. Quality information per product

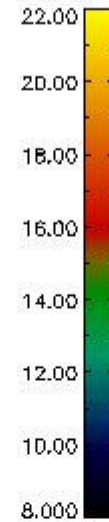
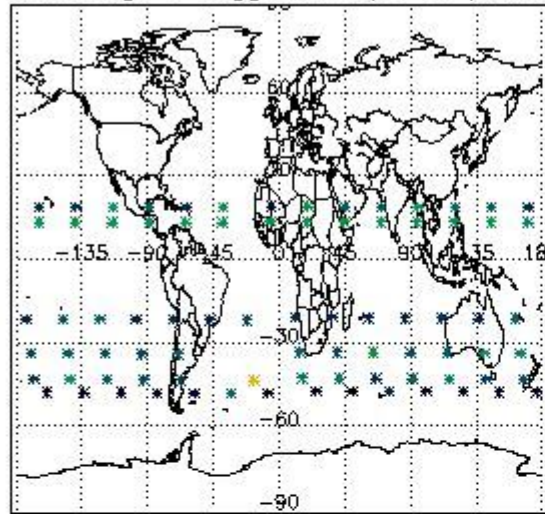
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

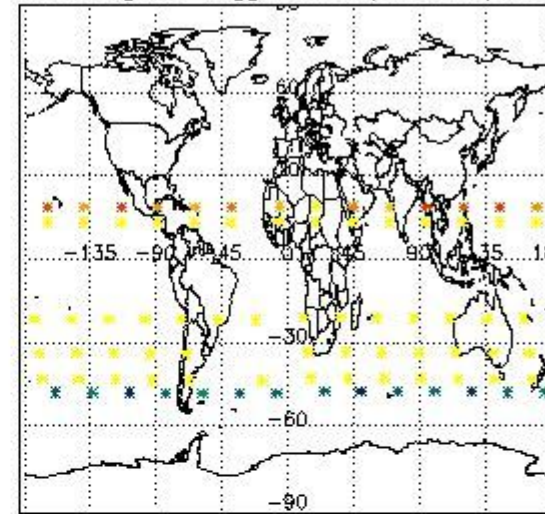


3.2 Plot quality information per product (world map)

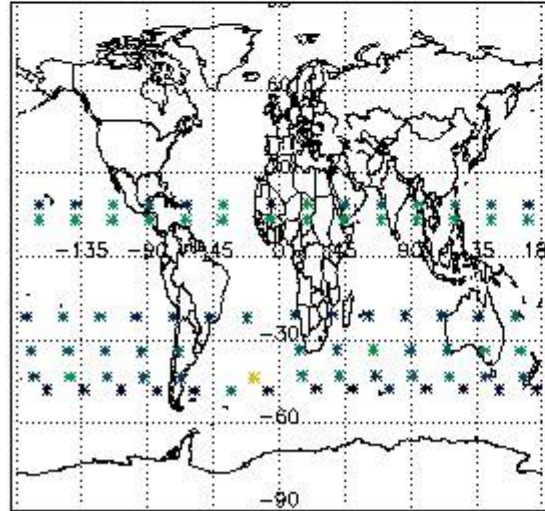
Percentage of flagged data per O3 profile



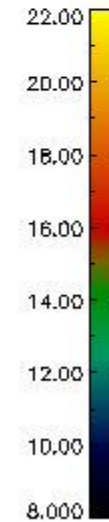
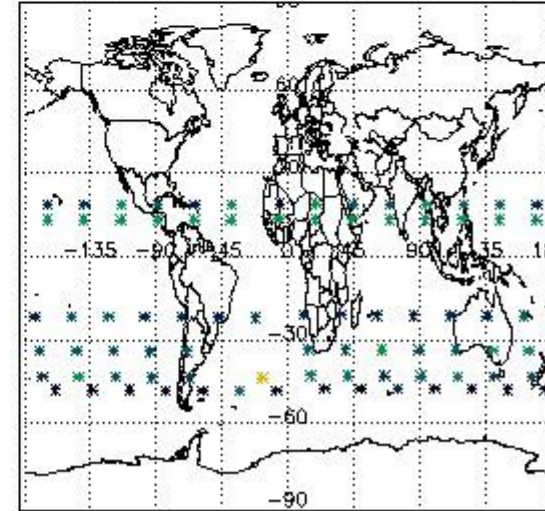
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

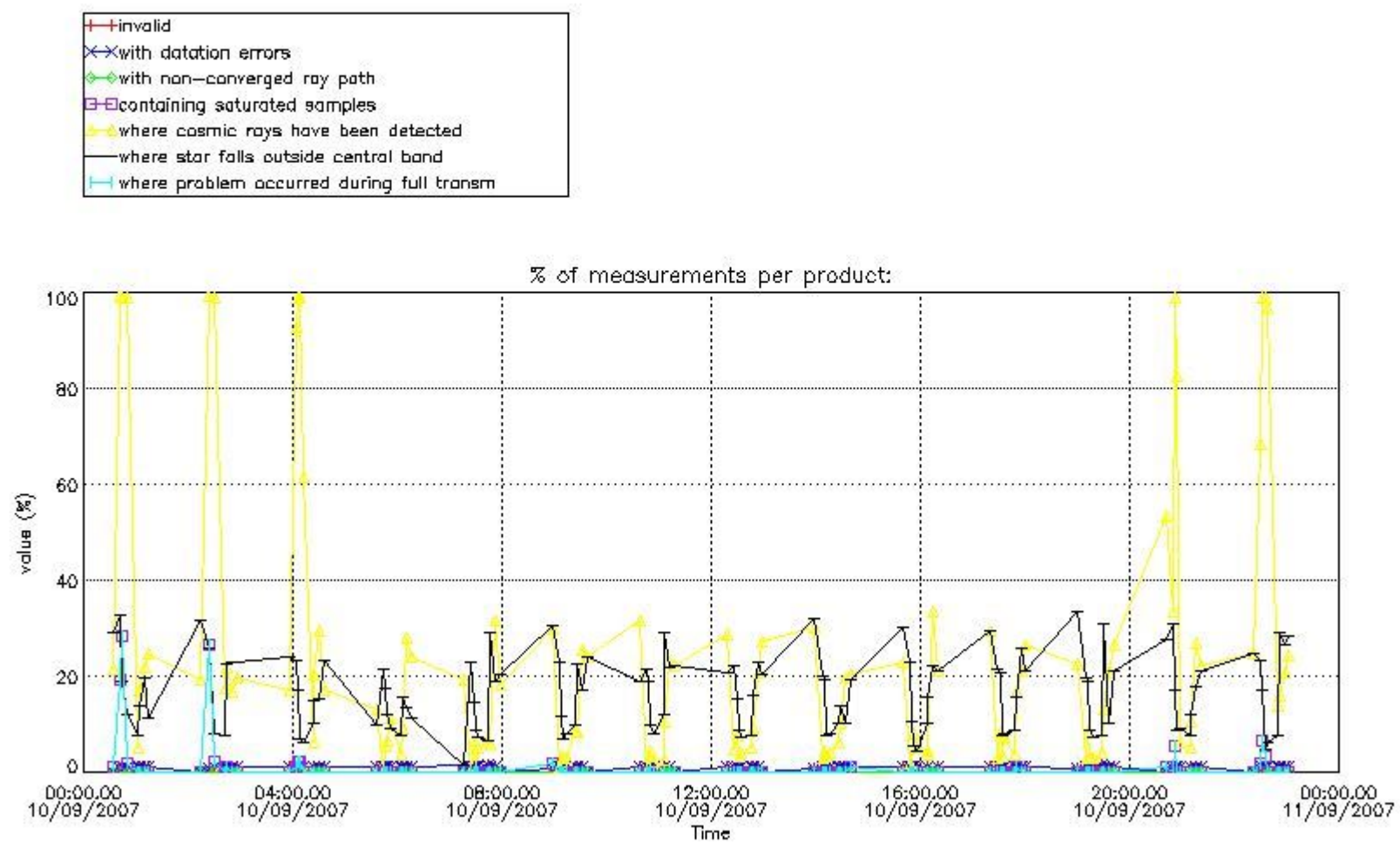


4. Level 1 quality information per product

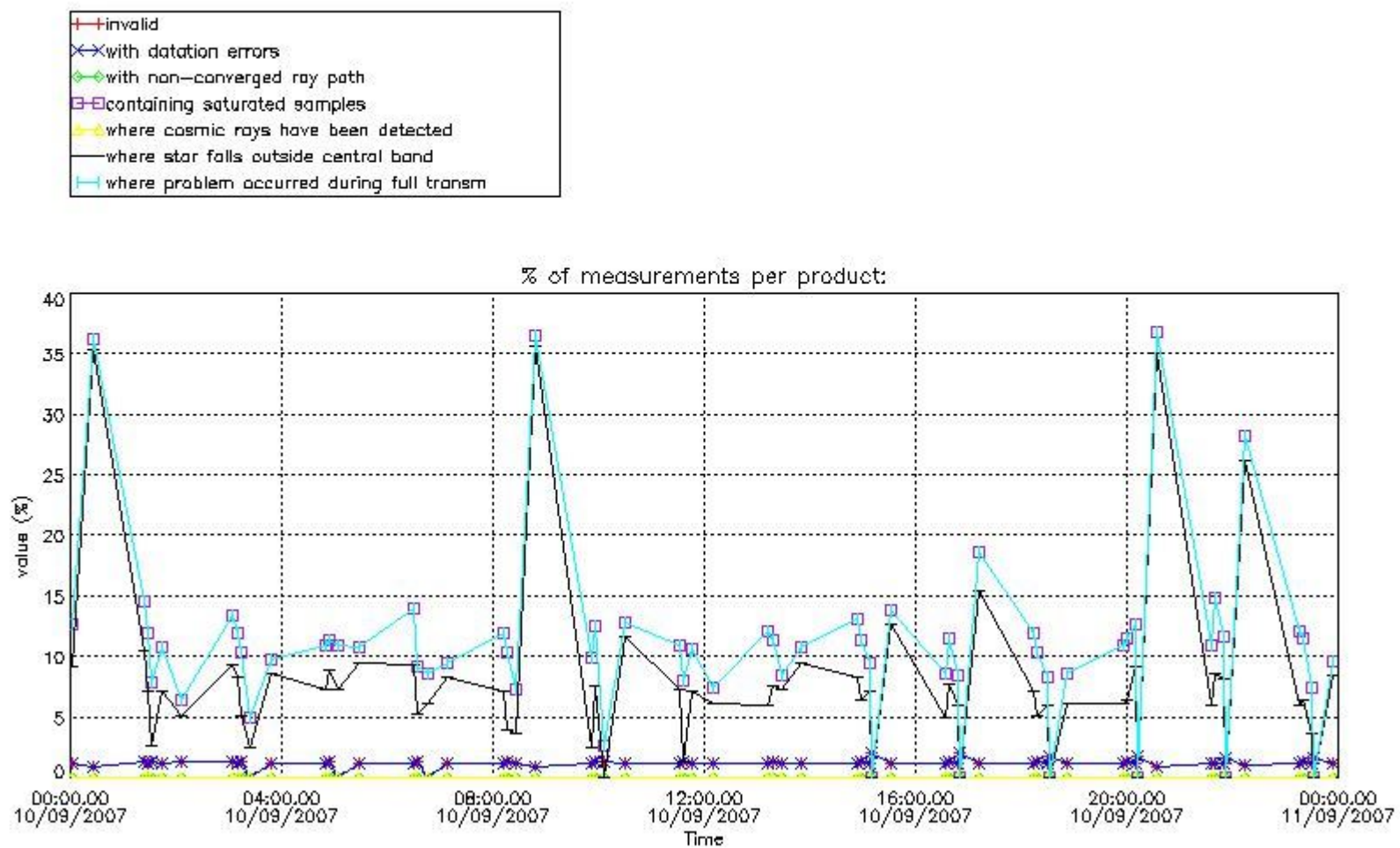
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

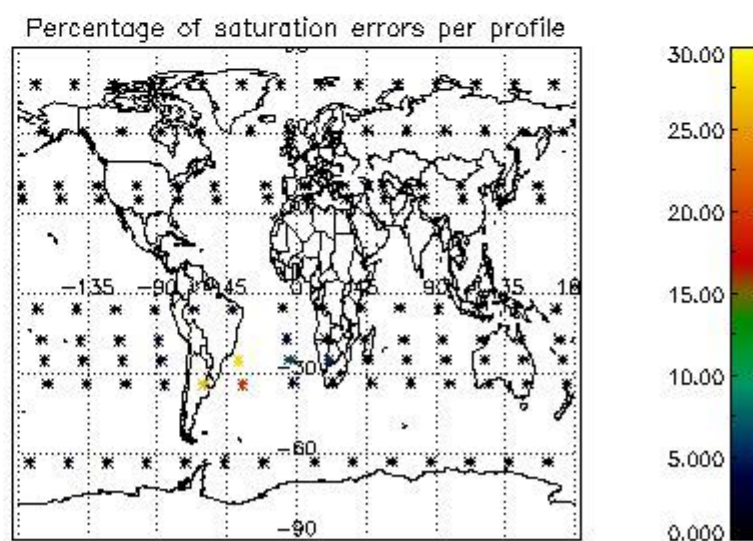
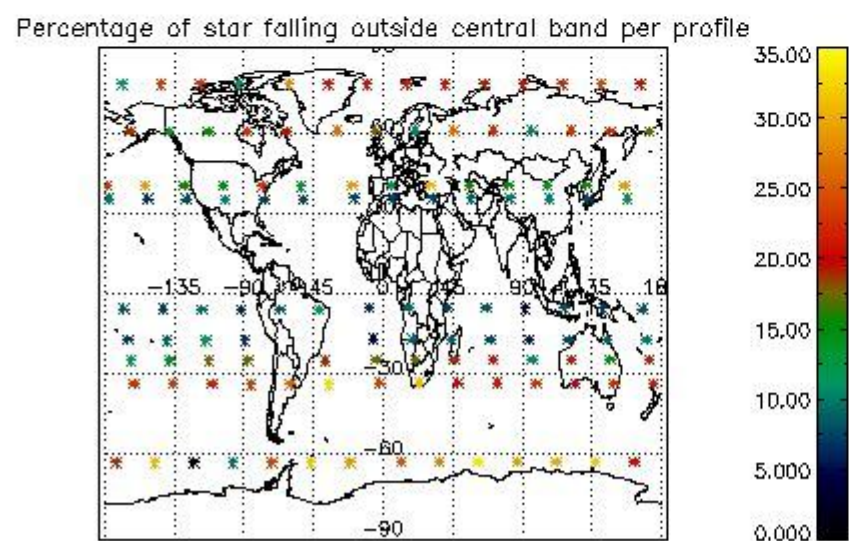
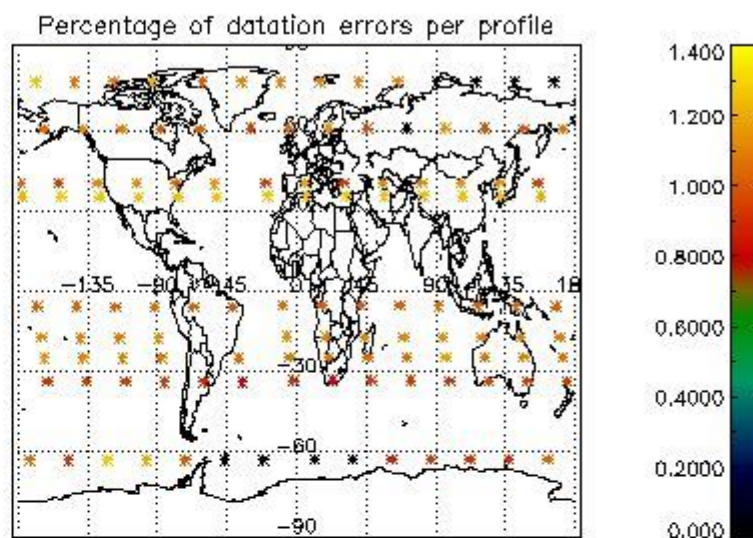
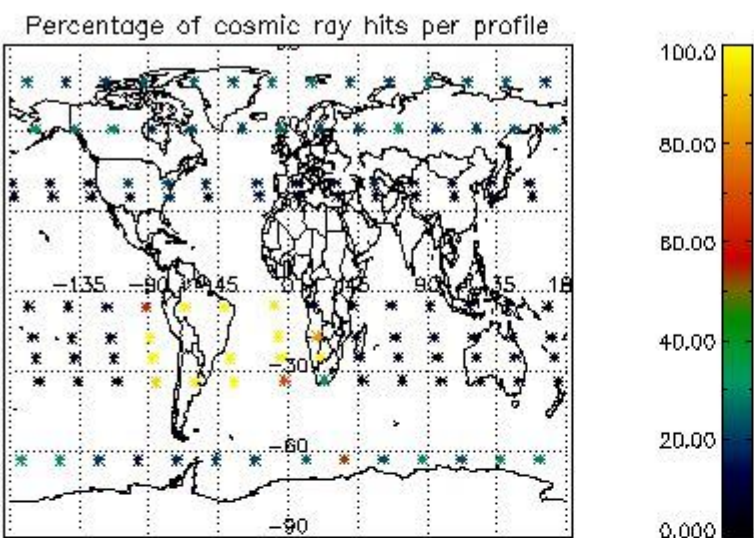


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



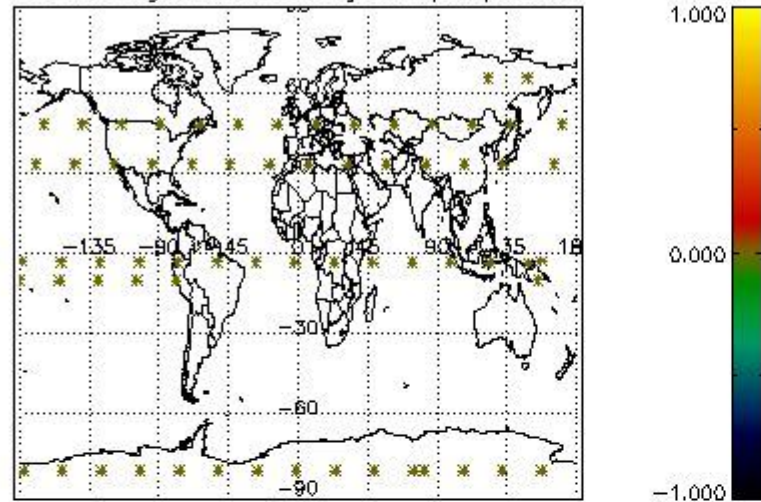
4.2 Plot quality information per product coming from level 1b processing (world map)

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

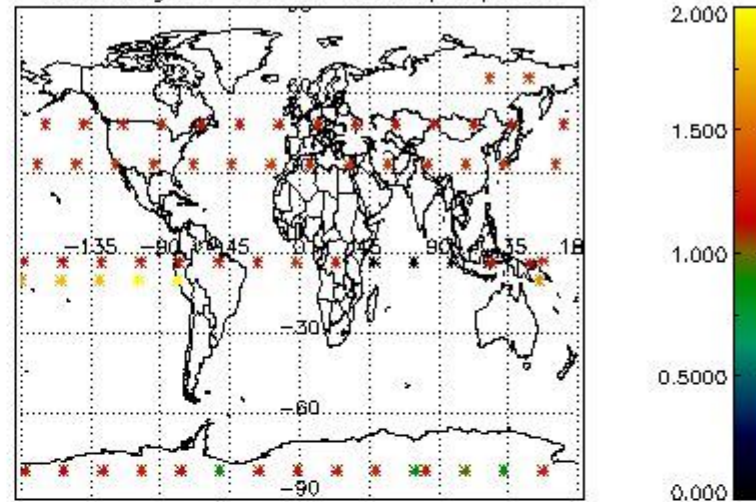


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

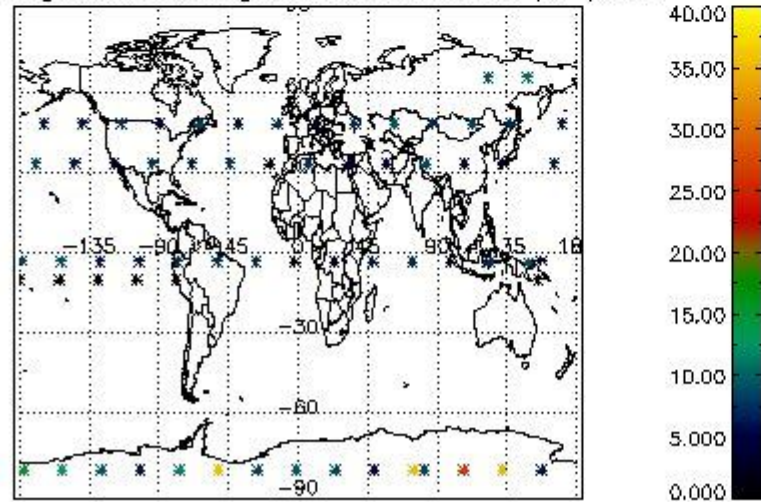
Percentage of cosmic ray hits per profile



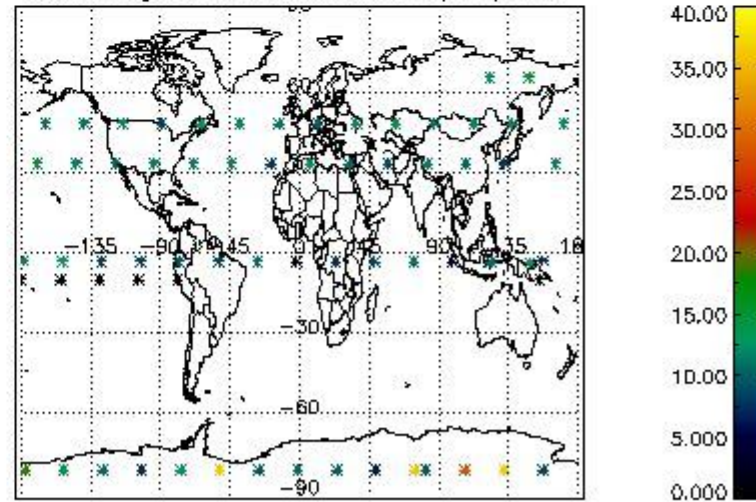
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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

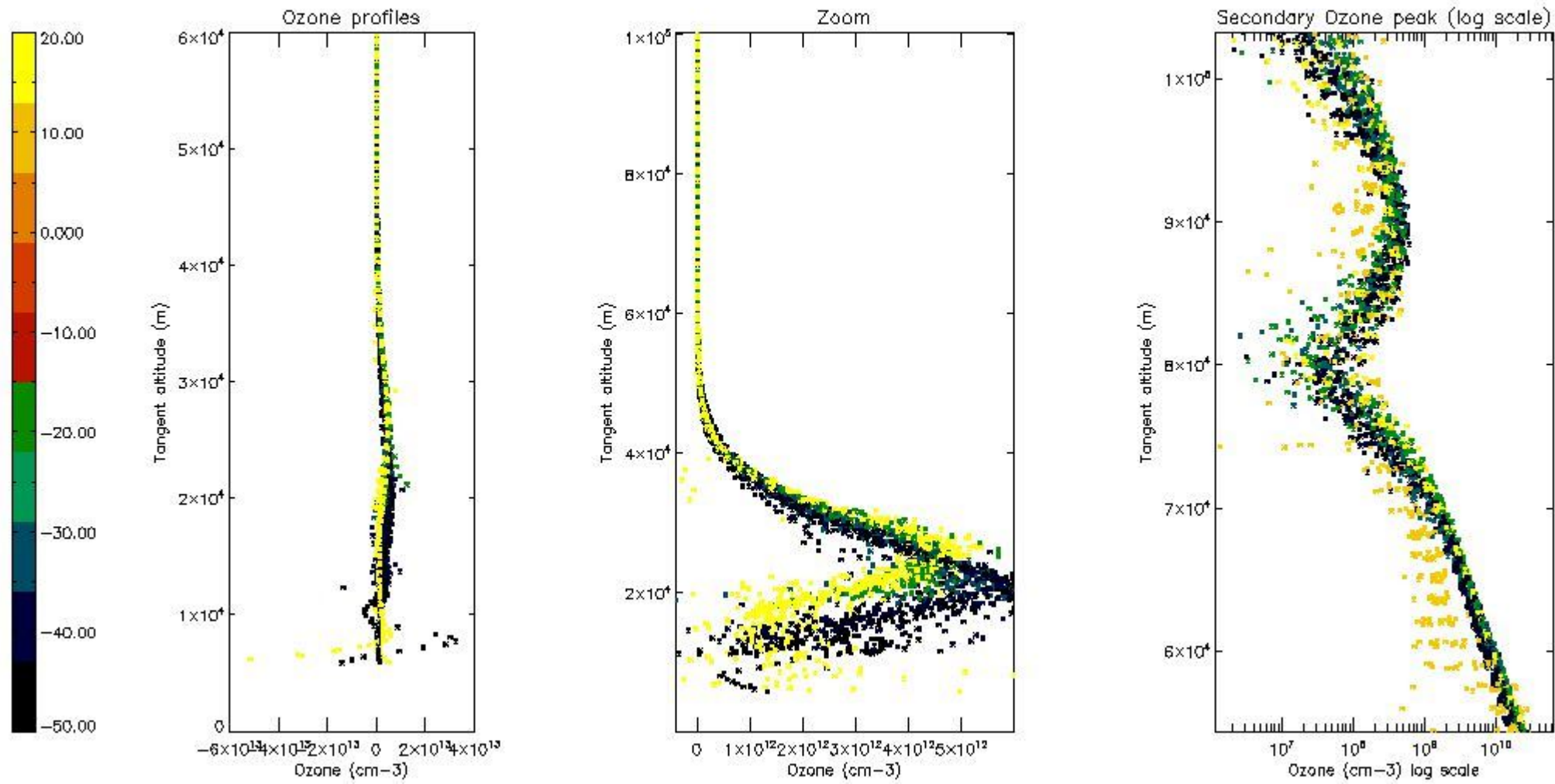
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	46
STD < 20	30

STD < 10	26
STD < 5	20

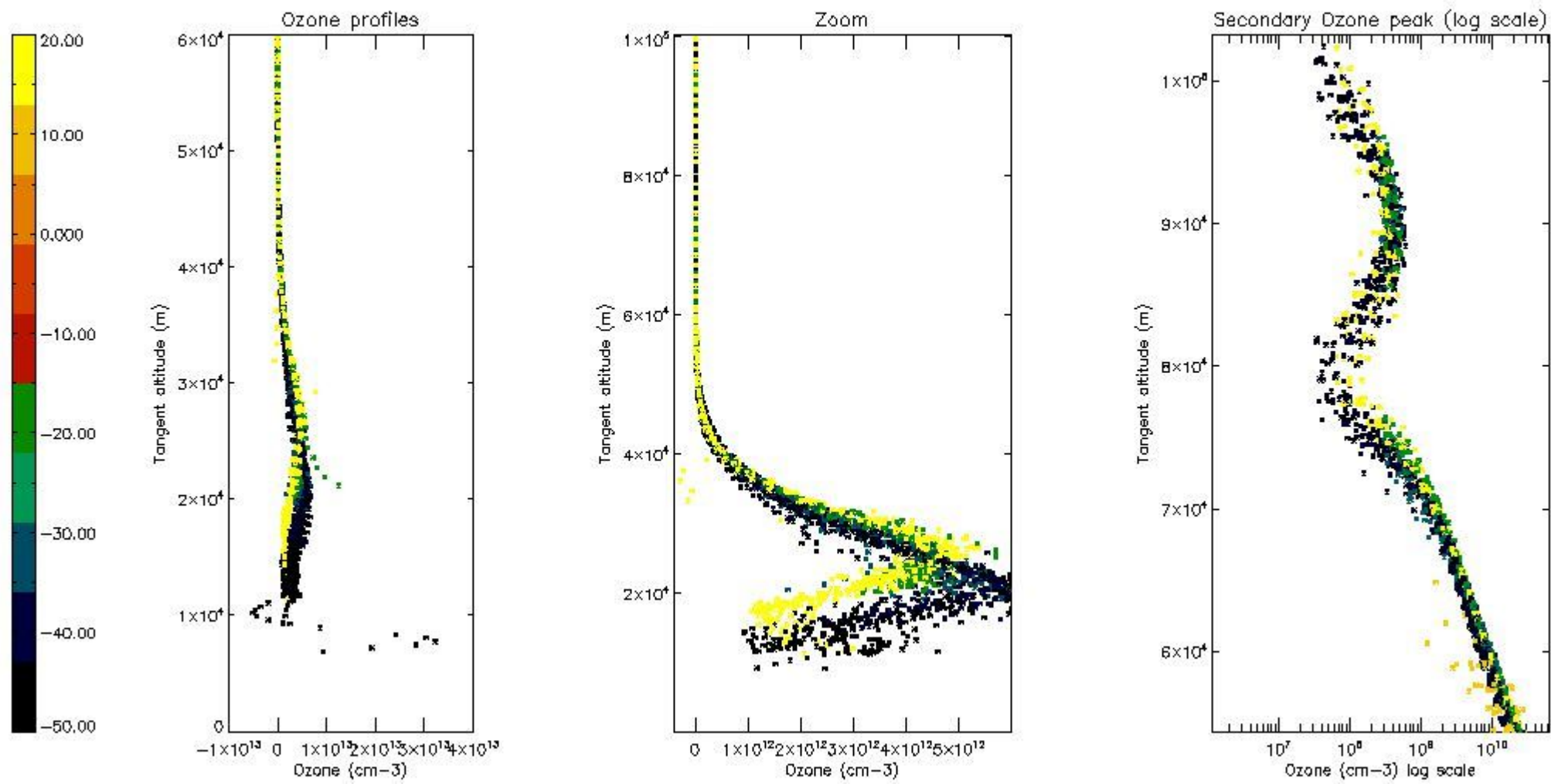
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



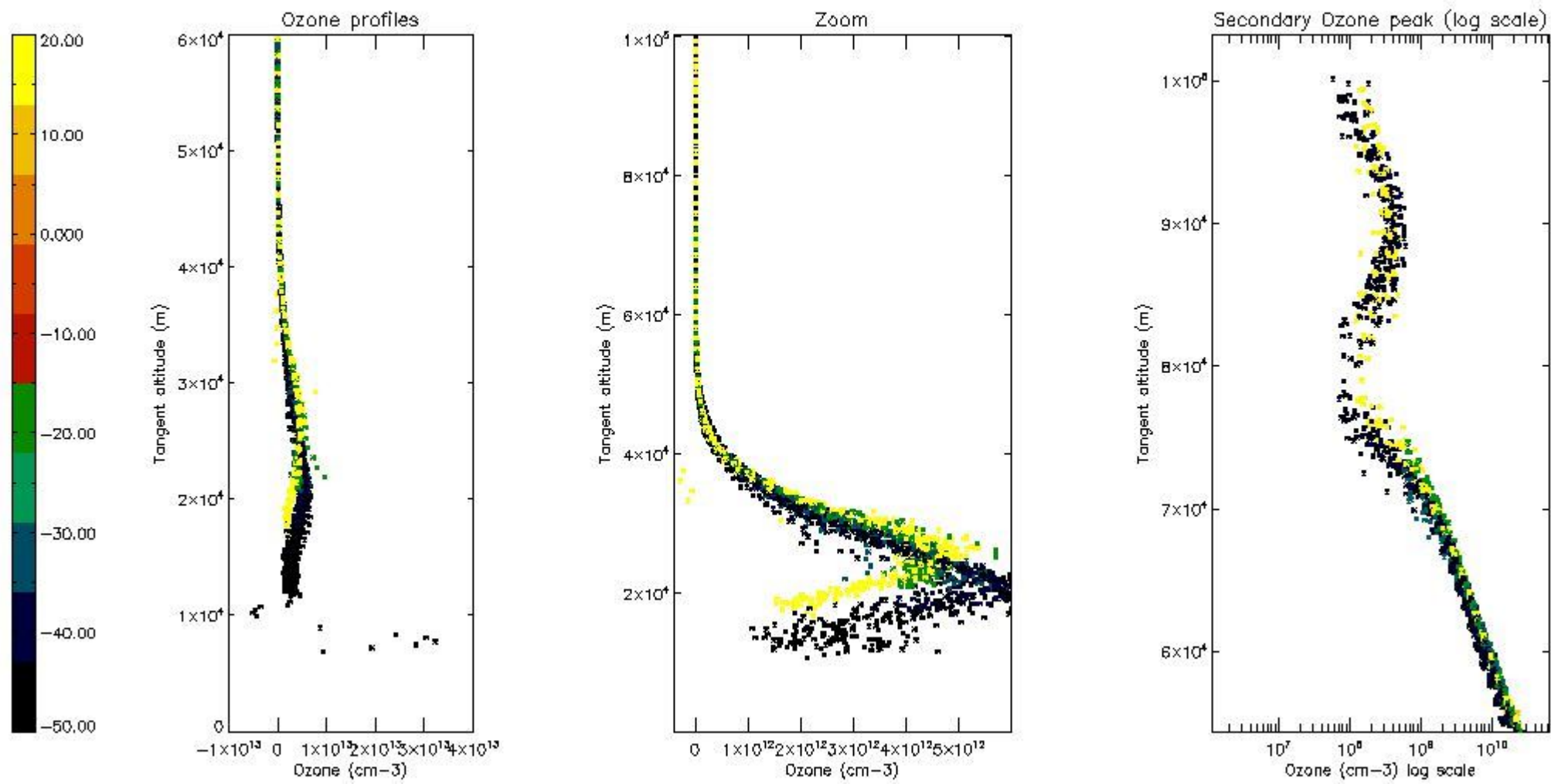
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



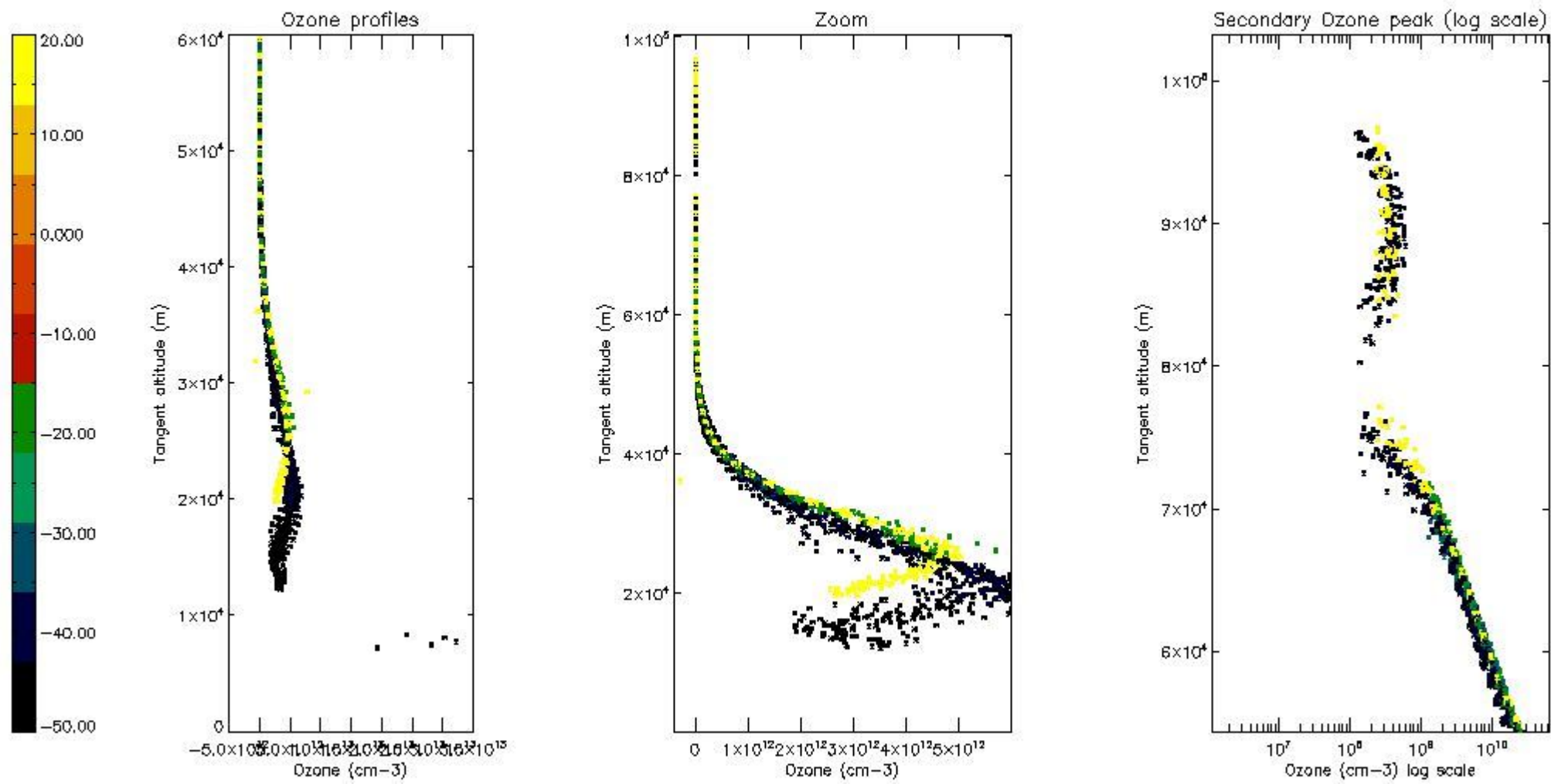
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



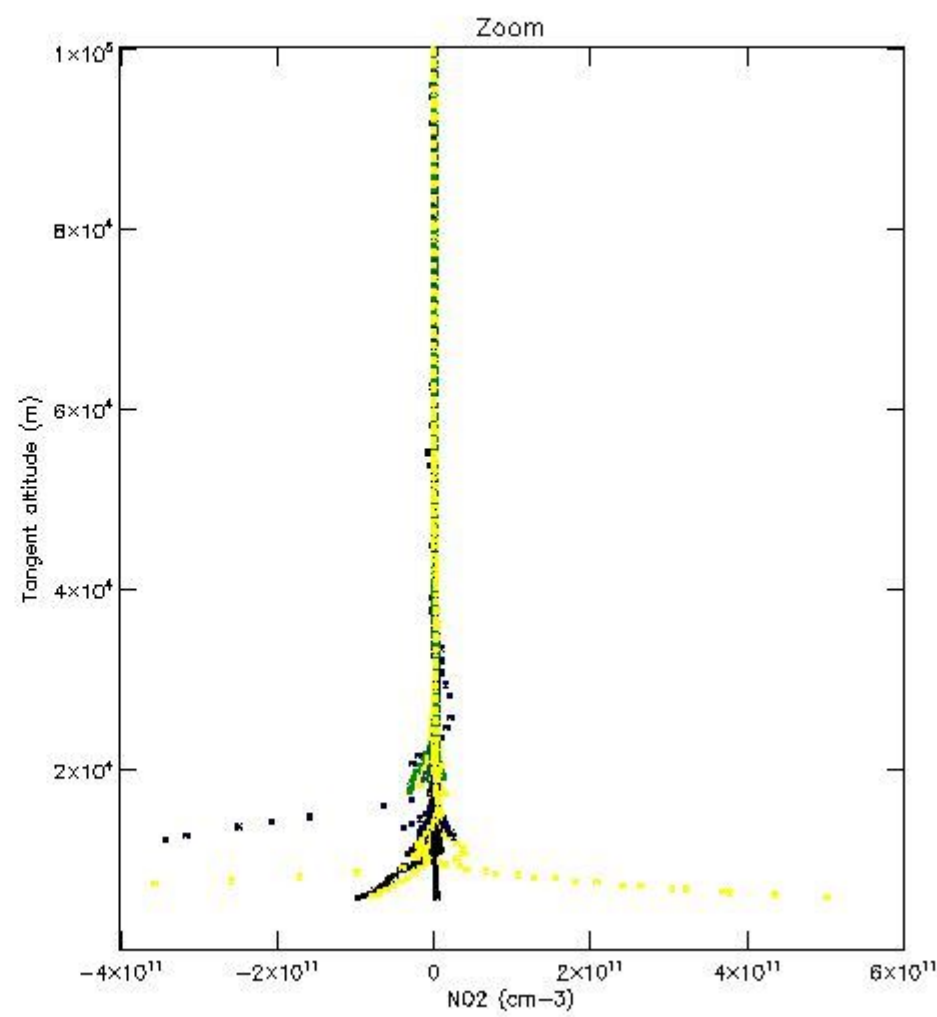
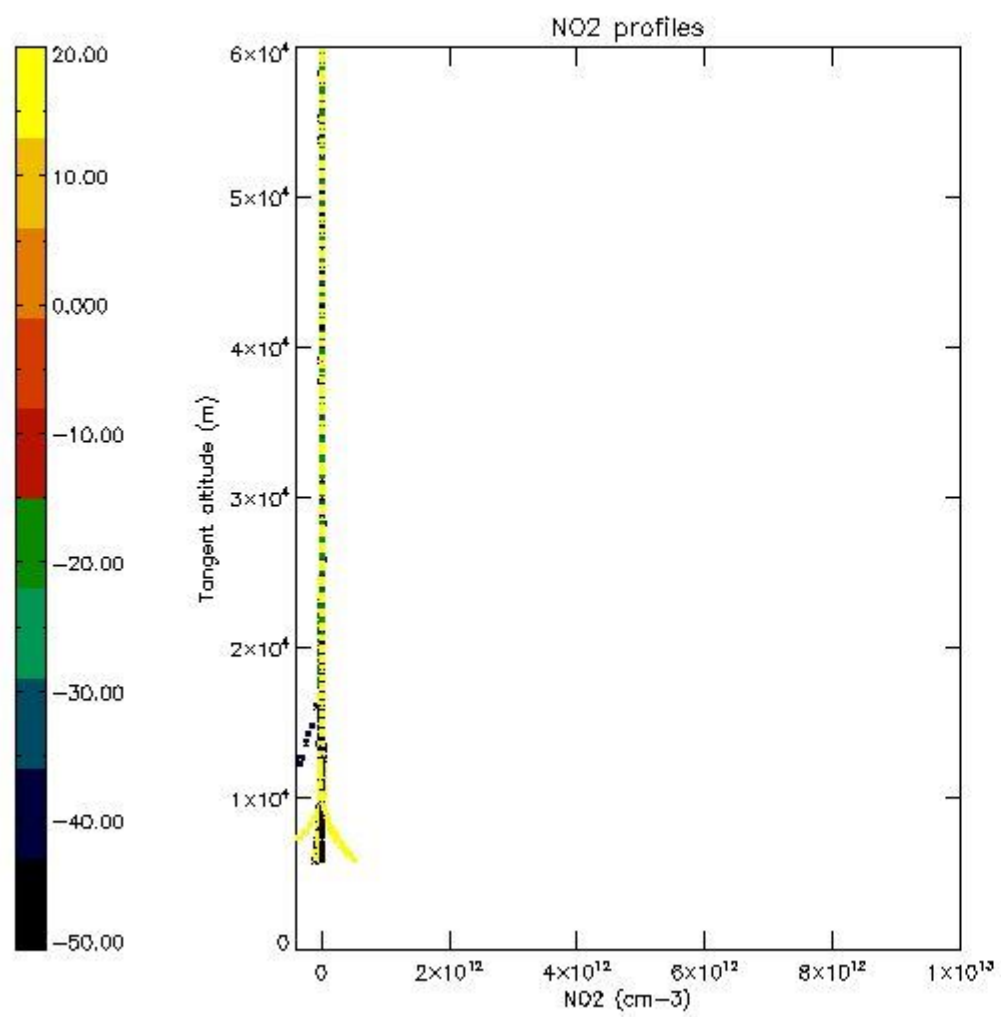
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



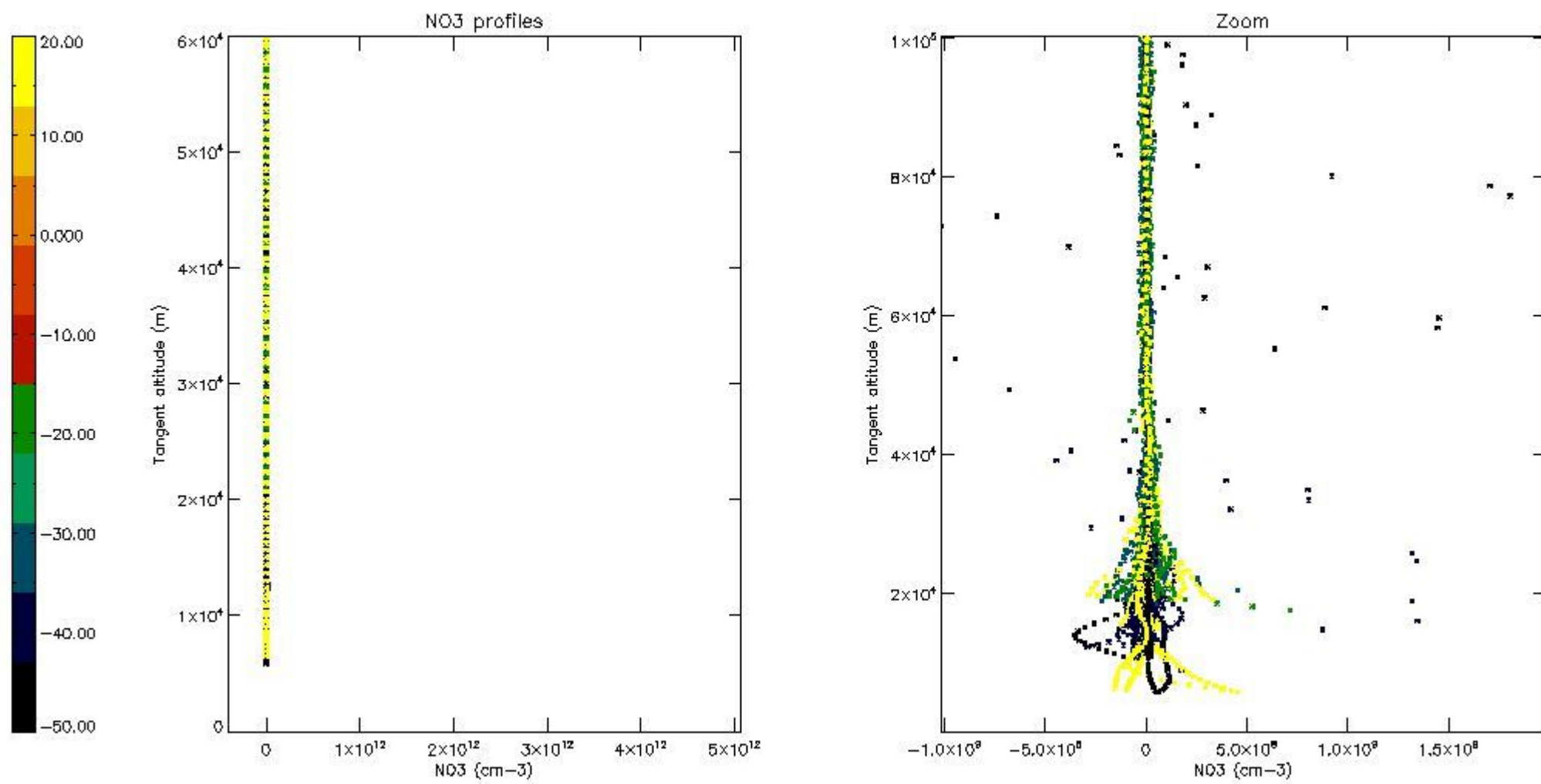
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



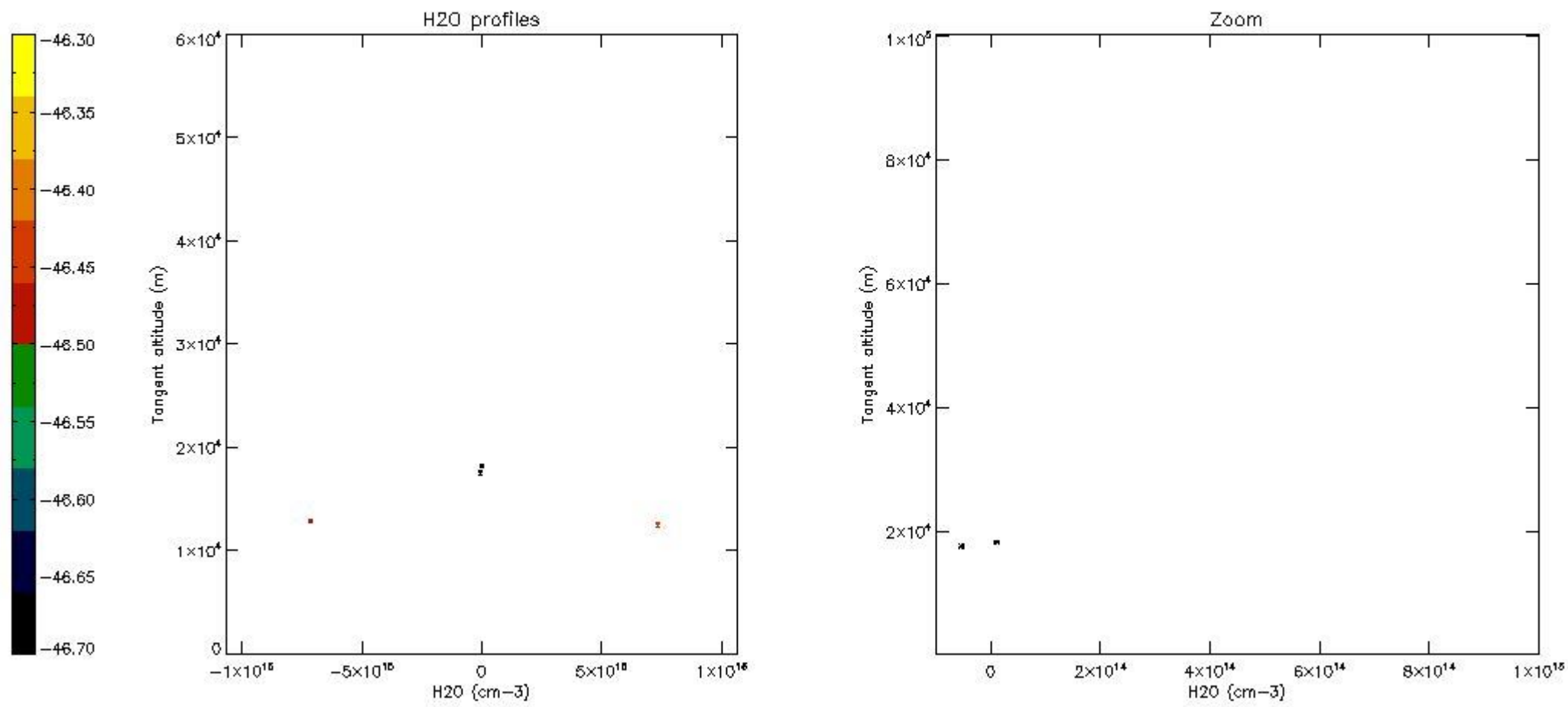
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

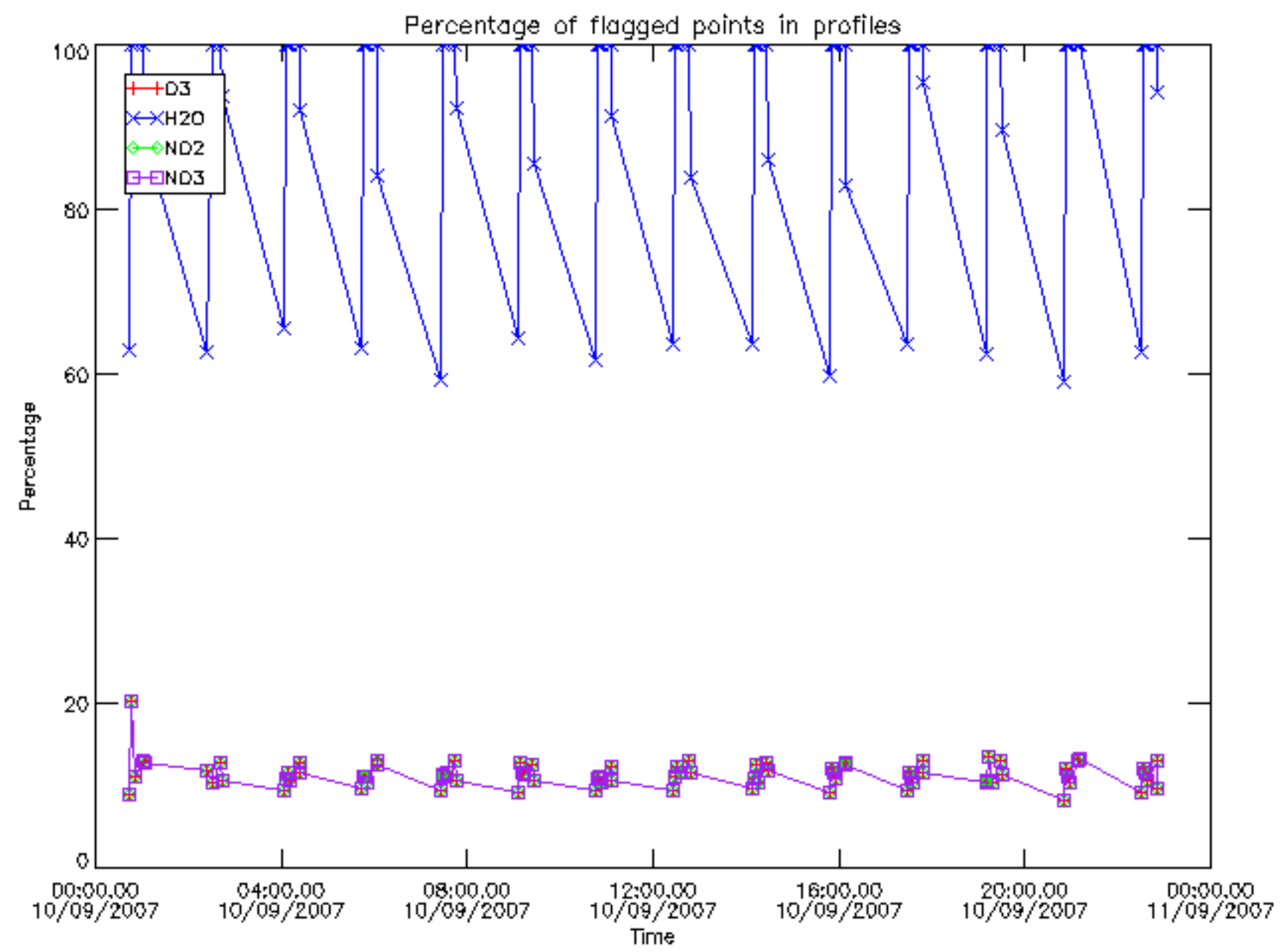
The colorbar represents the latitude.



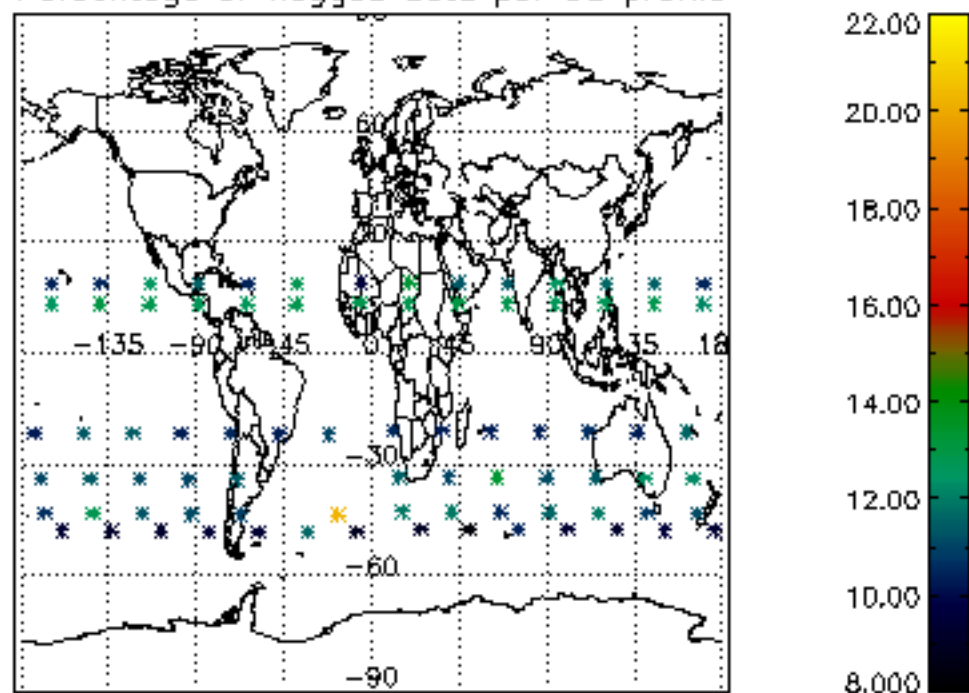
6. Auxiliary Data Files used for the production reported in section 2

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.

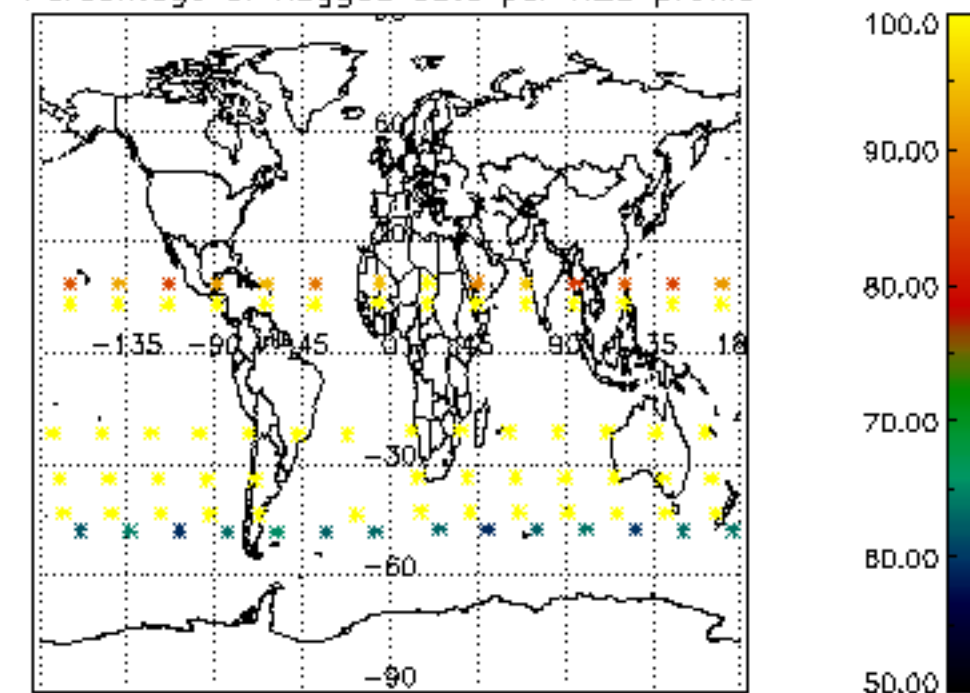
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	10-SEP-2007 00:02:39
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	10-SEP-2007 00:02:39
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	10-SEP-2007 00:02:39



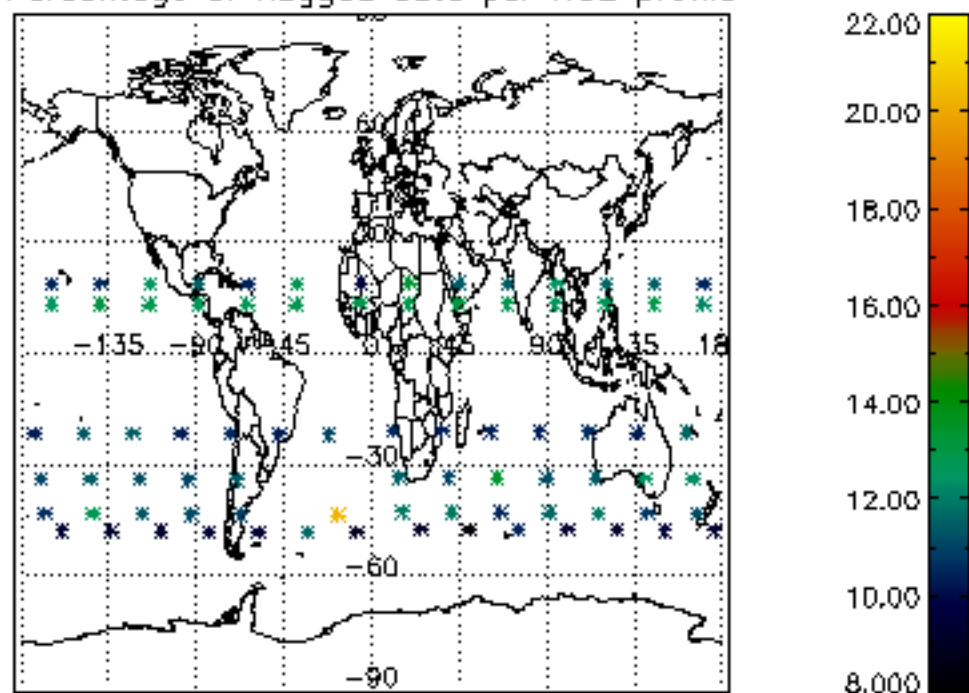
Percentage of flagged data per D3 profile



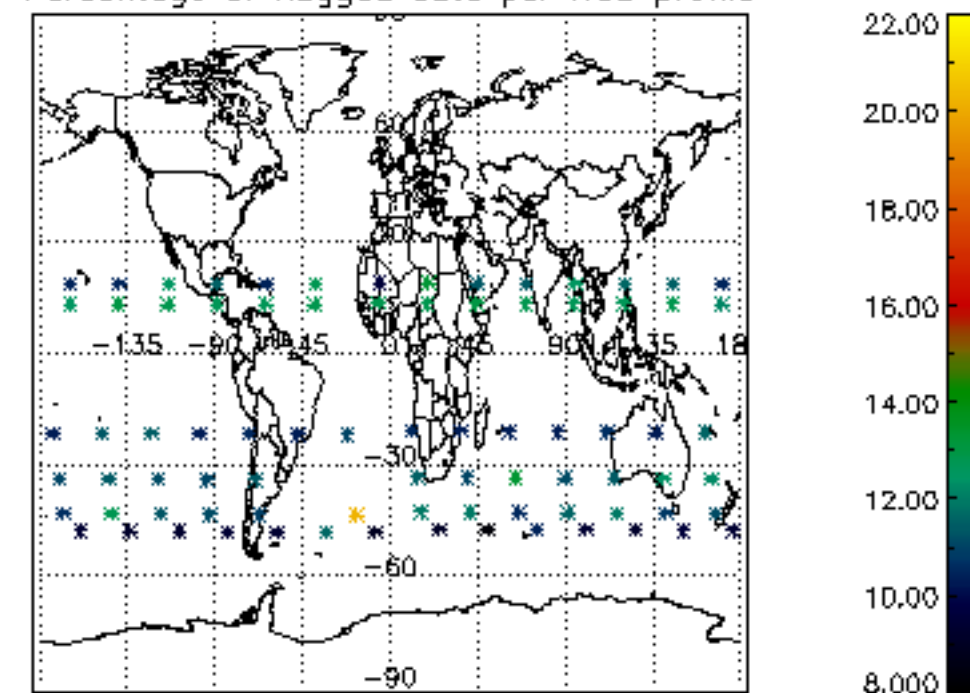
Percentage of flagged data per H2O profile

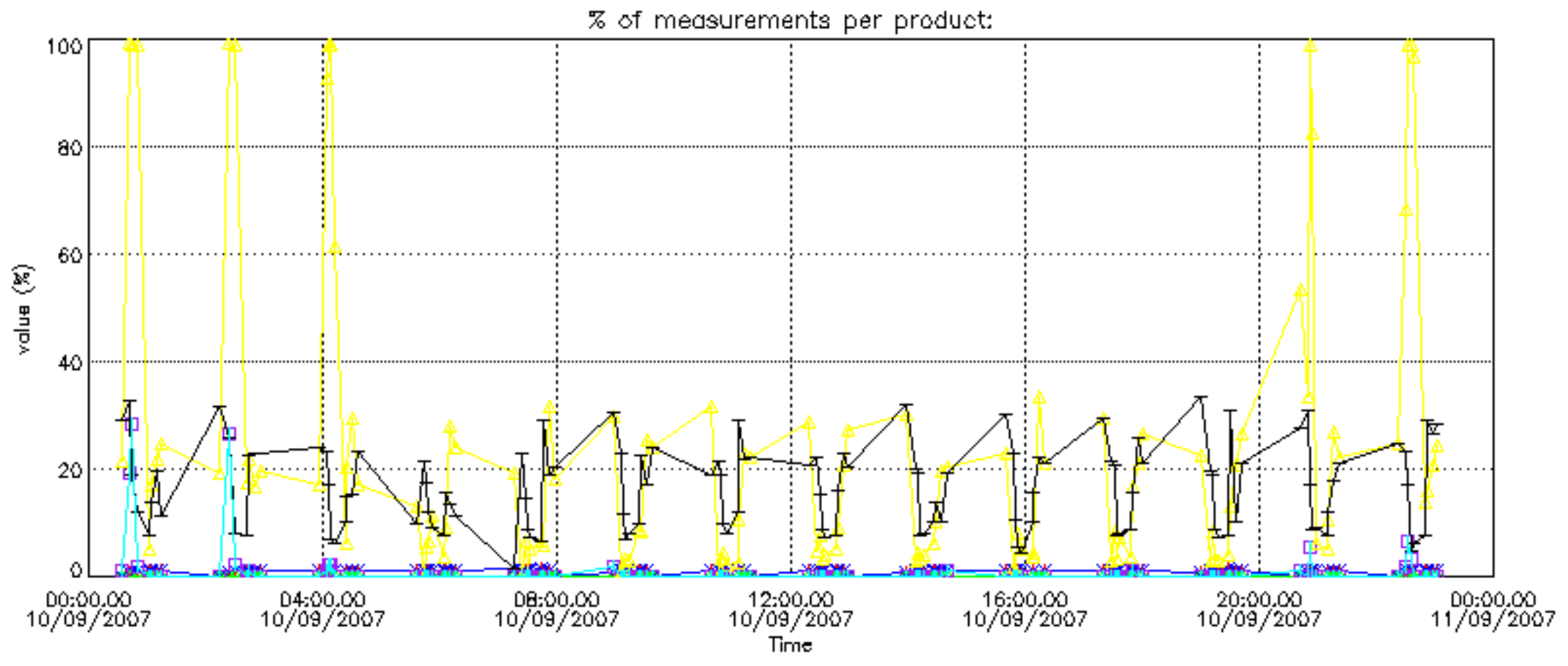


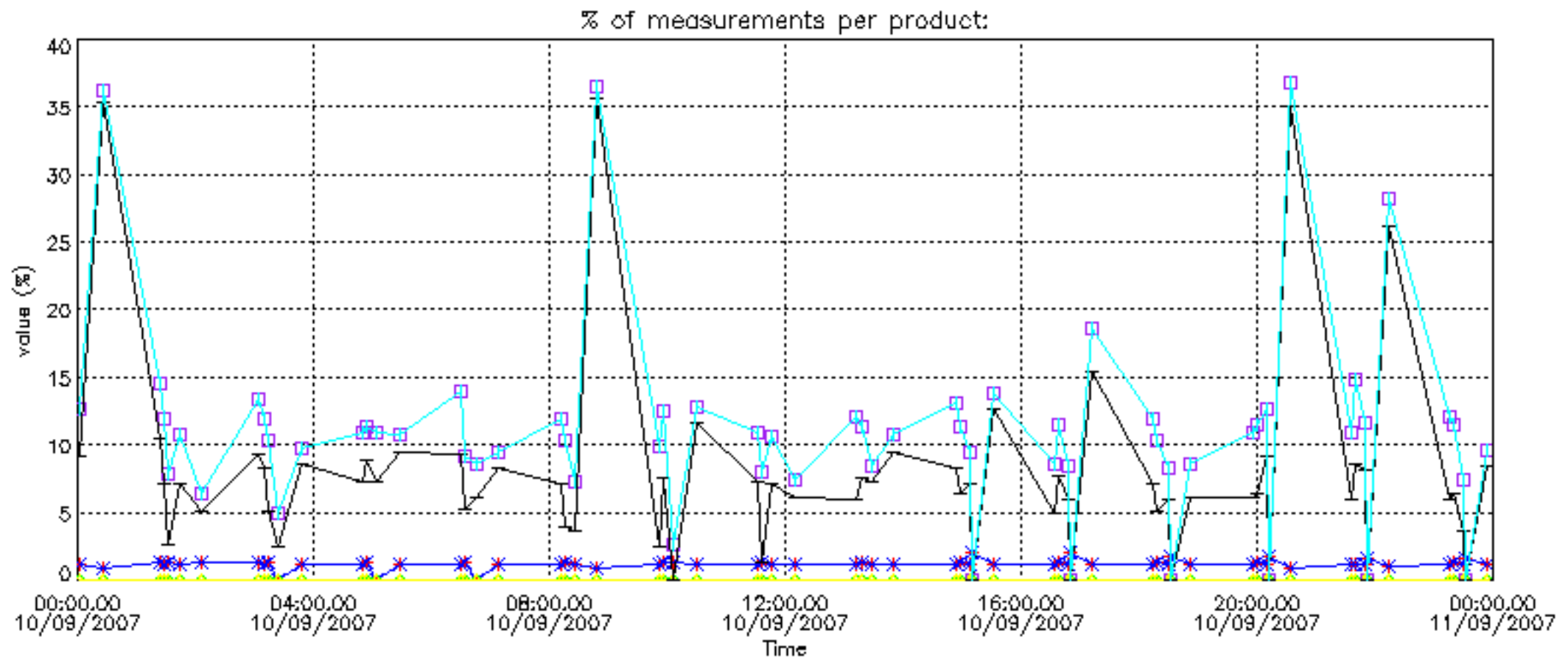
Percentage of flagged data per NO2 profile



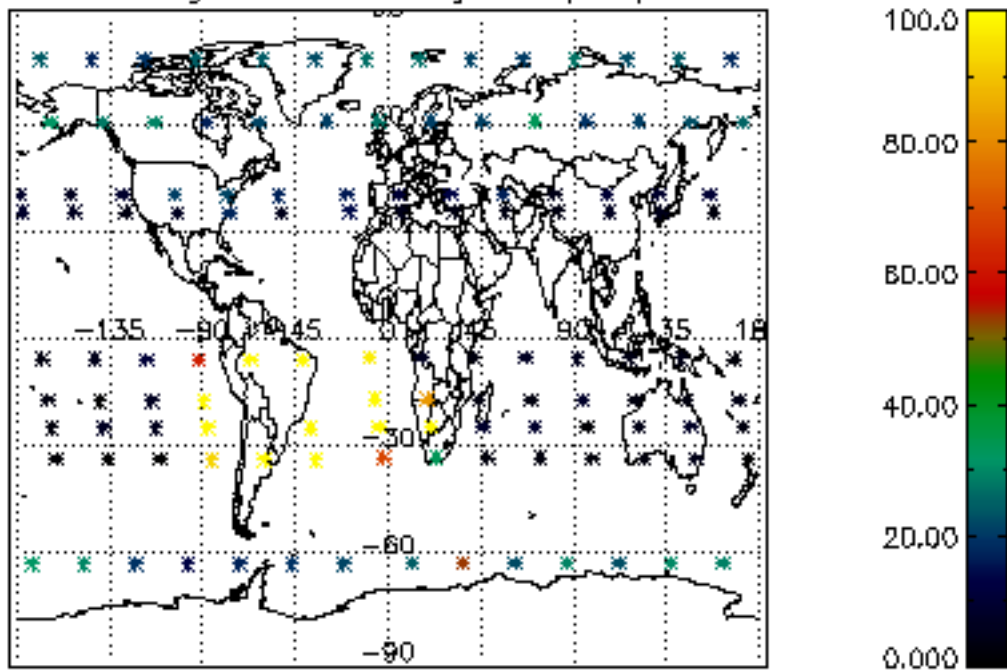
Percentage of flagged data per NO3 profile



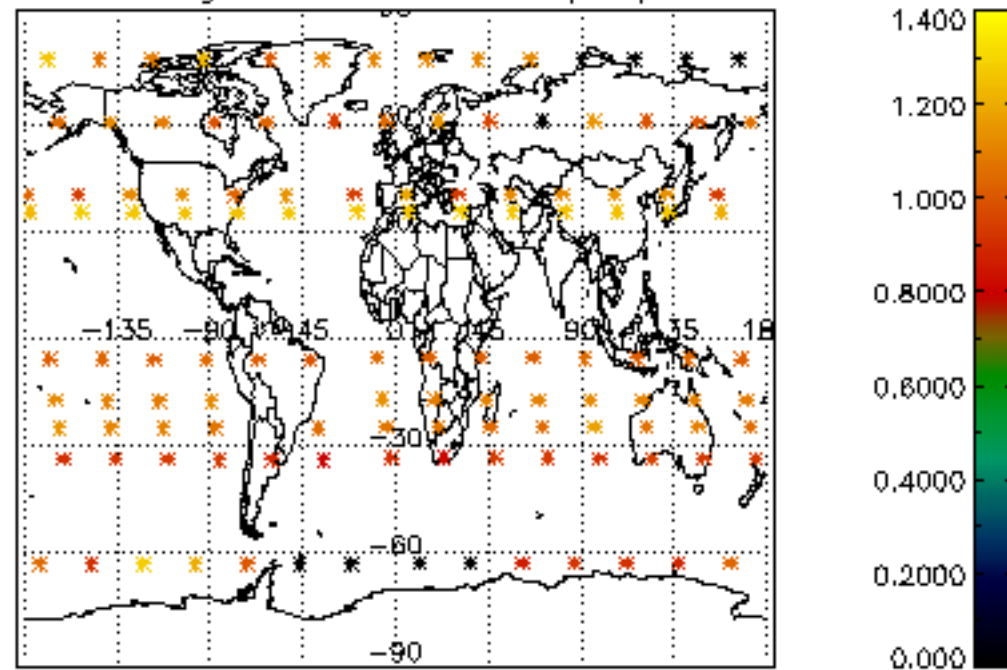




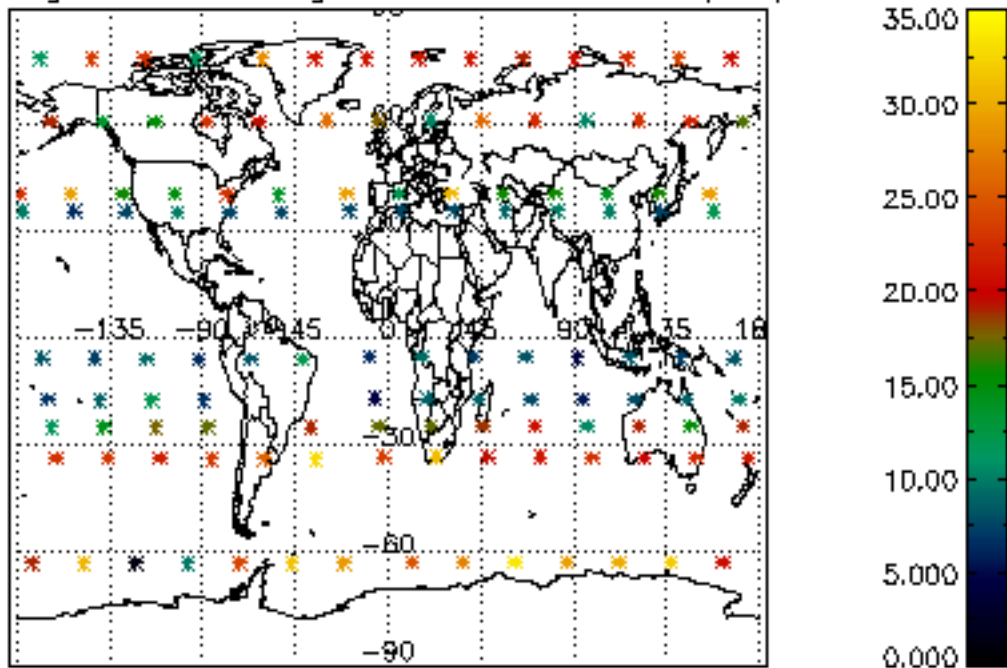
Percentage of cosmic ray hits per profile



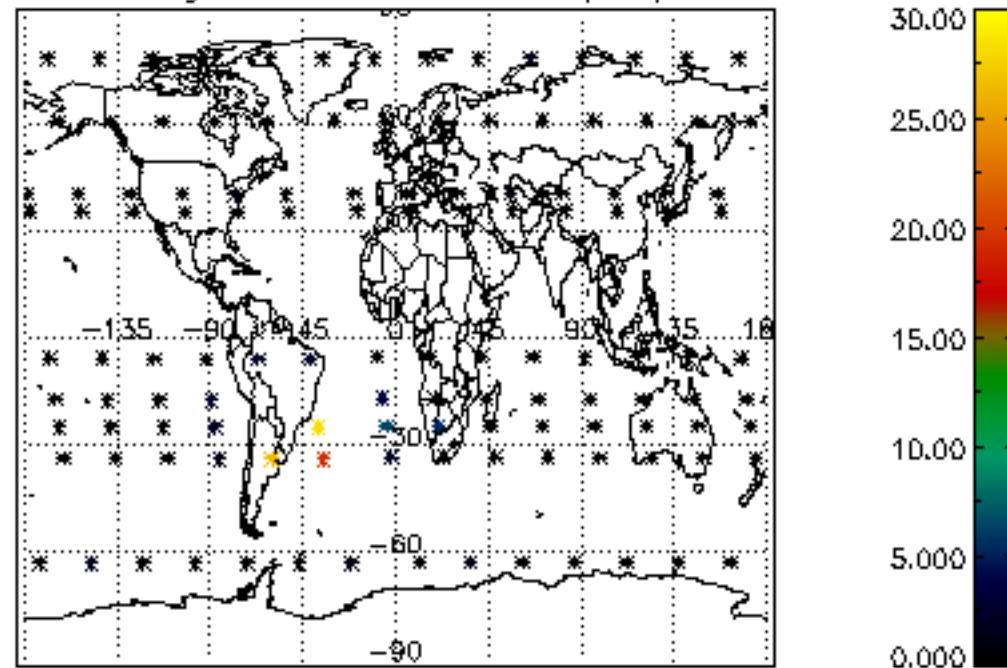
Percentage of datation errors per profile



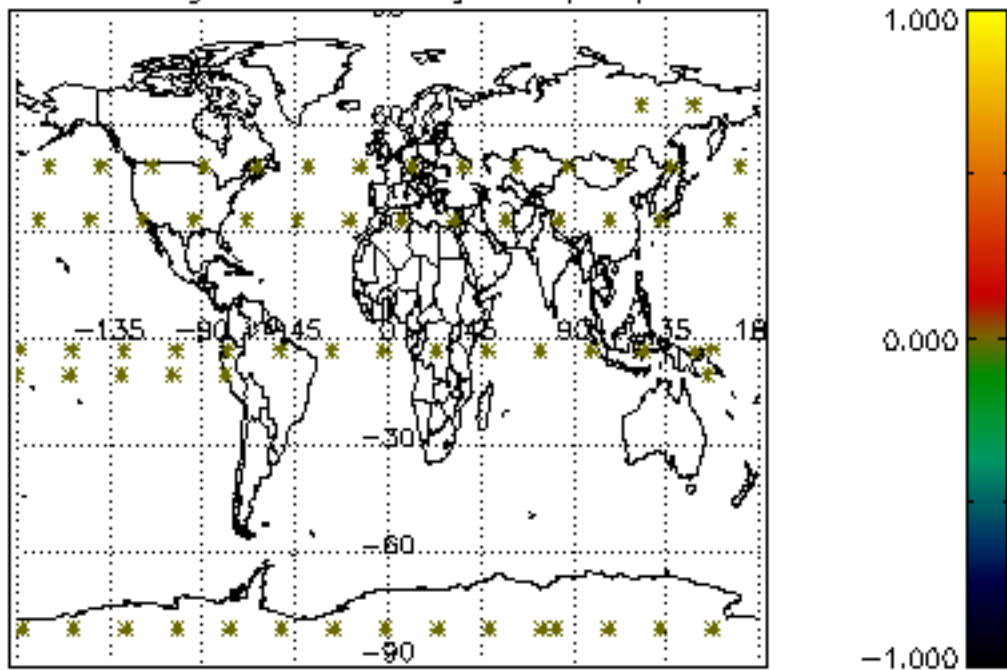
Percentage of star falling outside central band per profile



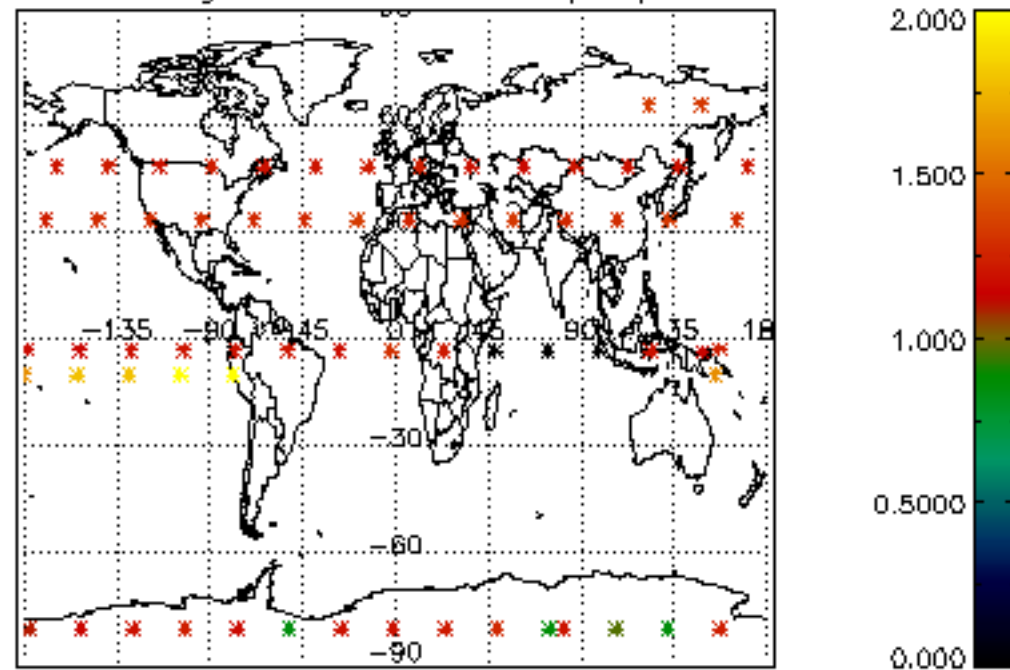
Percentage of saturation errors per profile



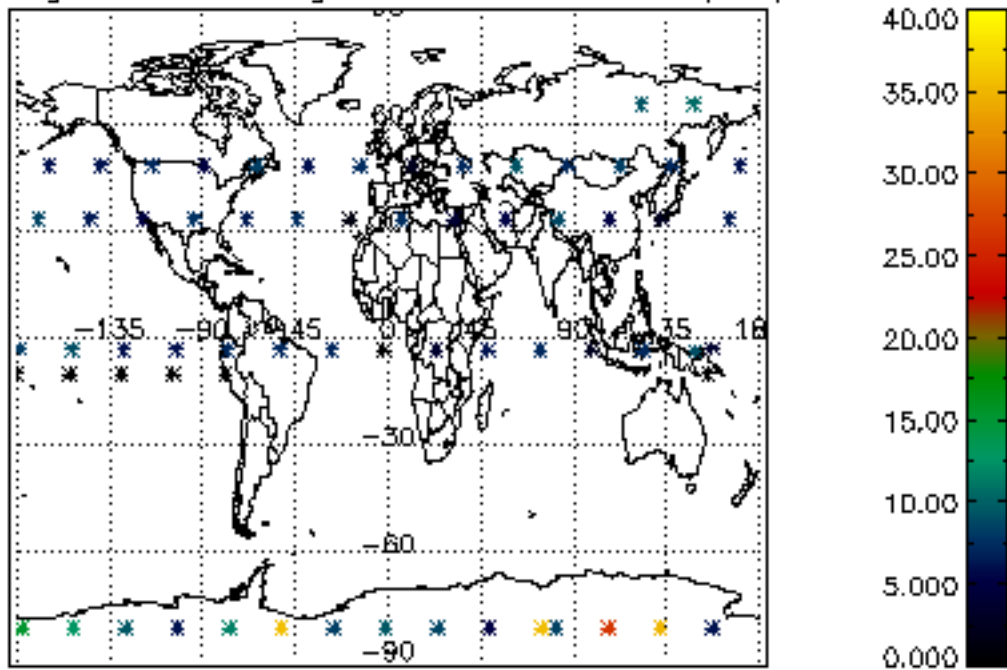
Percentage of cosmic ray hits per profile



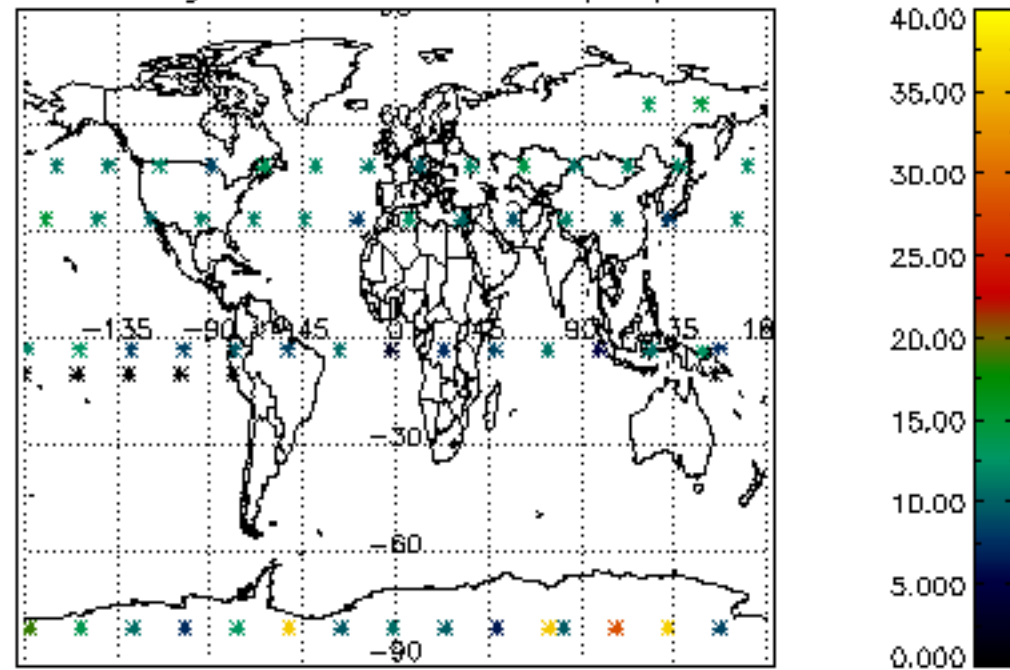
Percentage of datation errors per profile

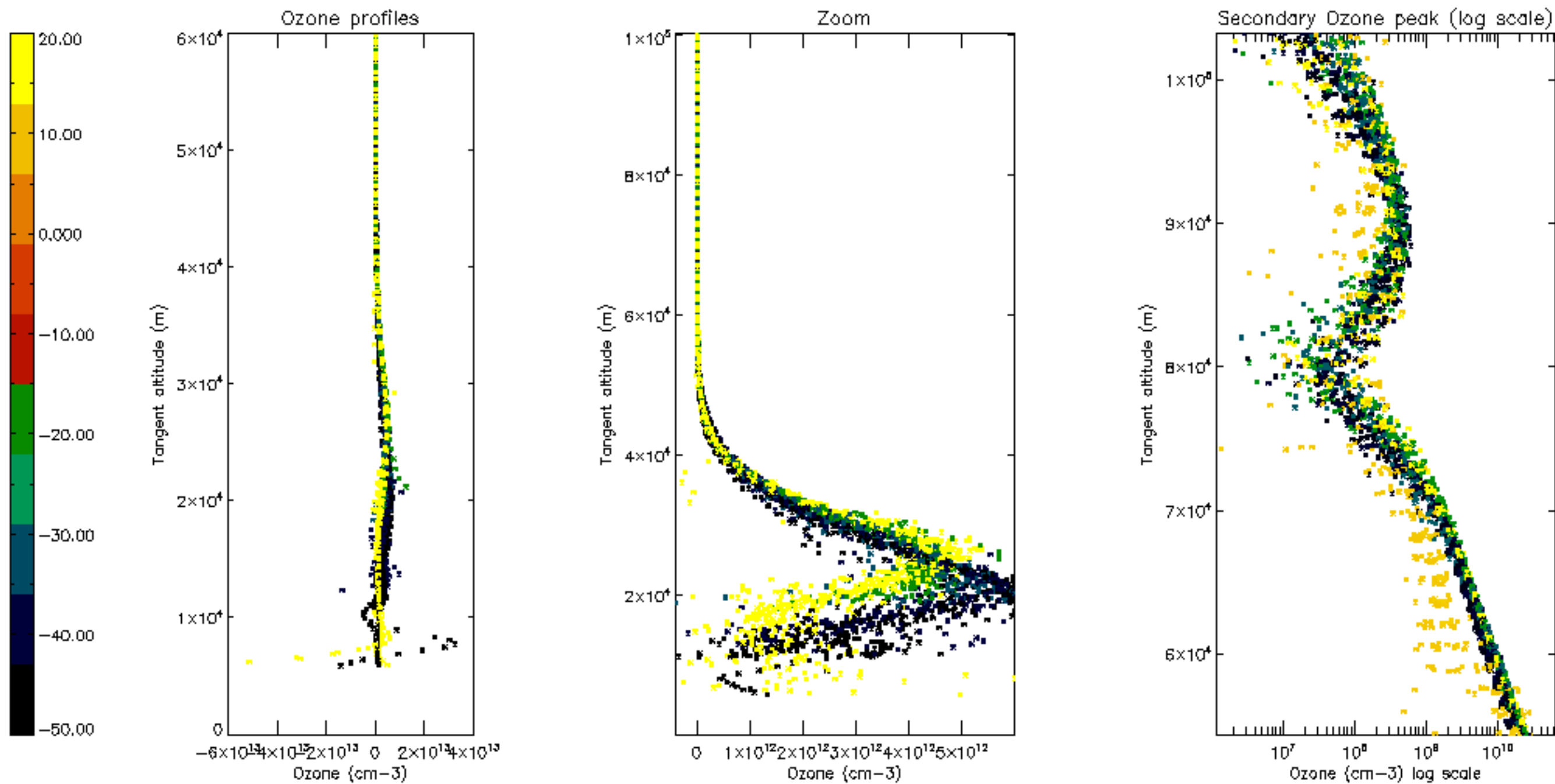


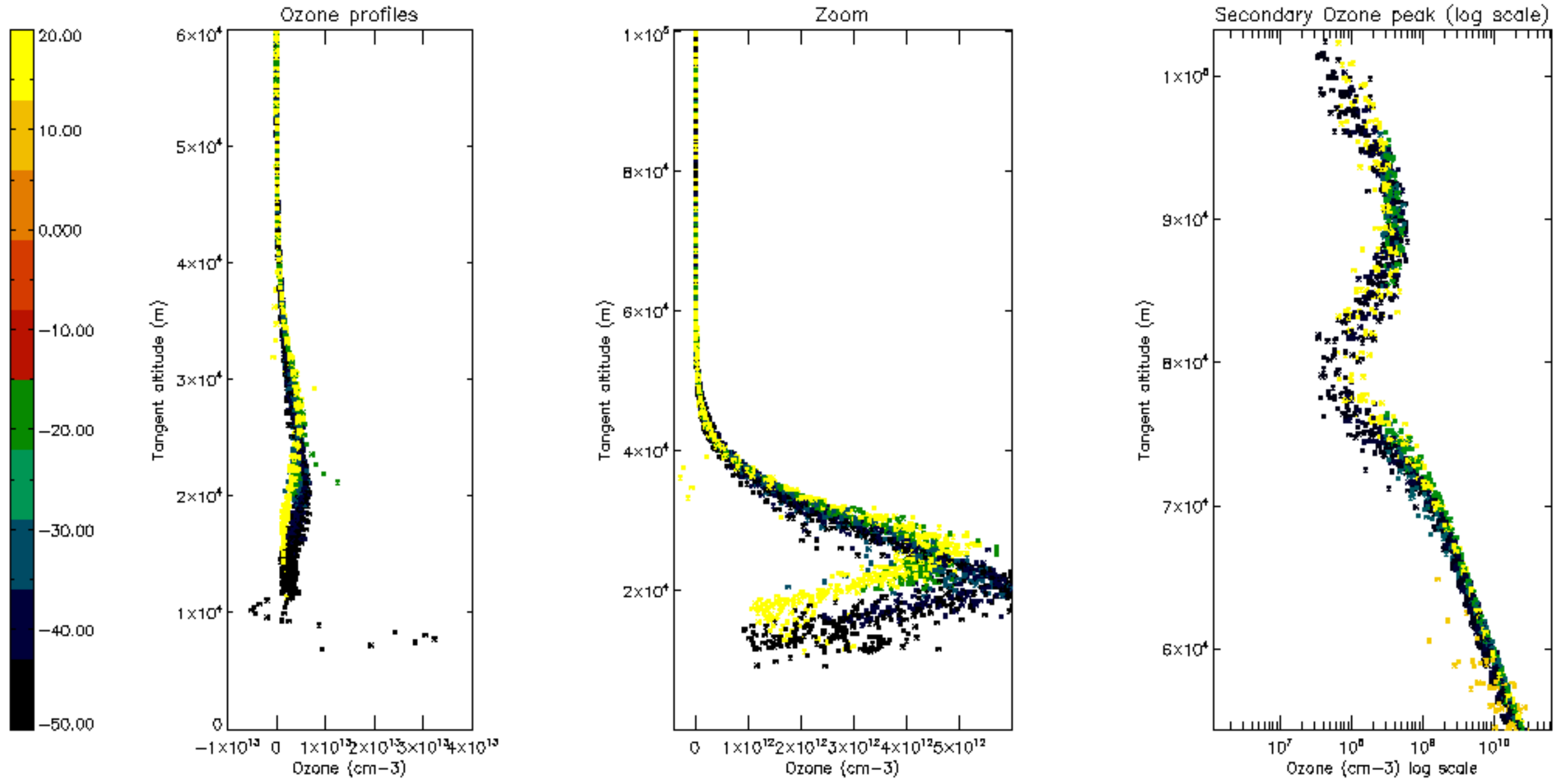
Percentage of star falling outside central band per profile

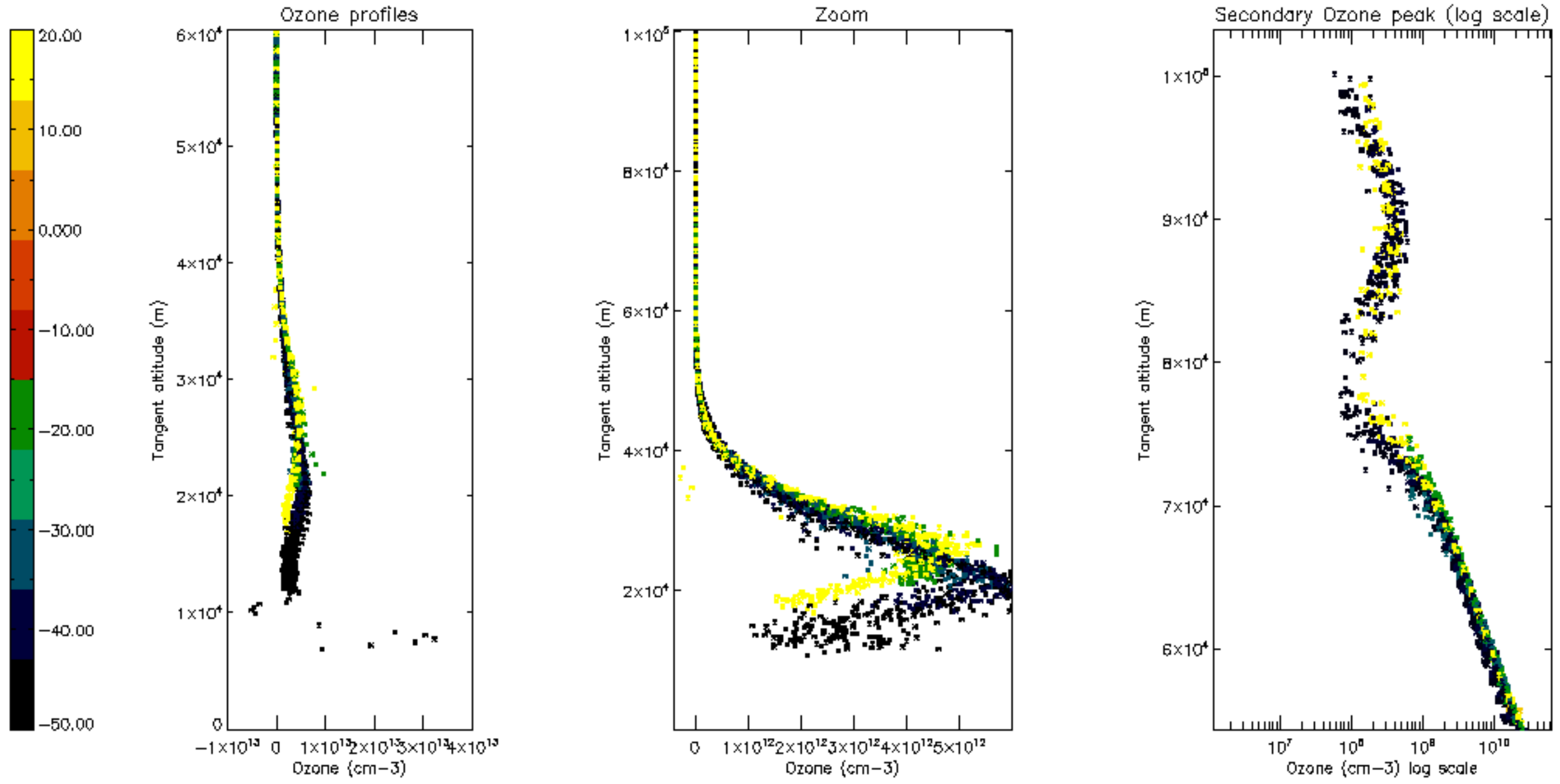


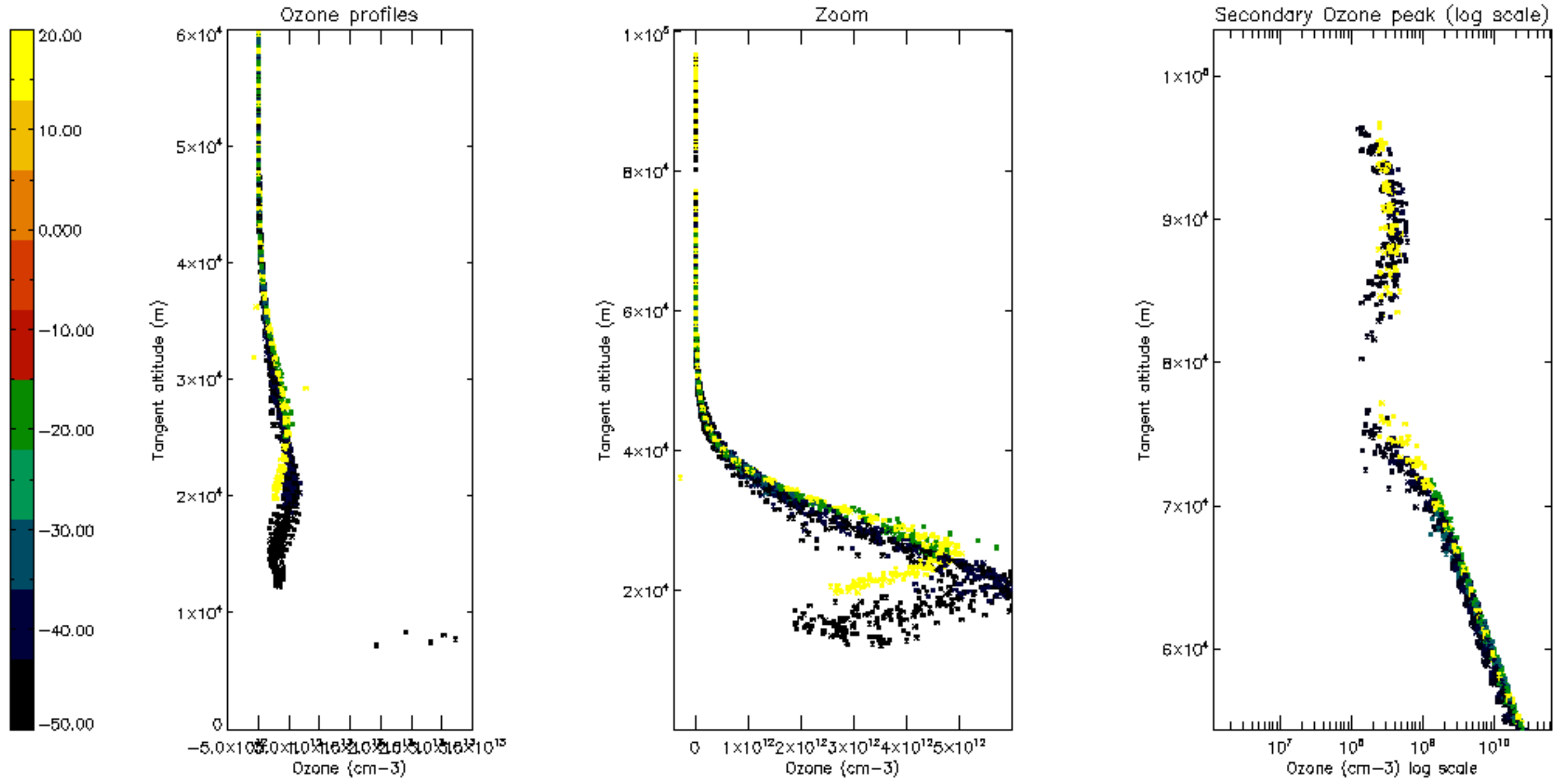
Percentage of saturation errors per profile

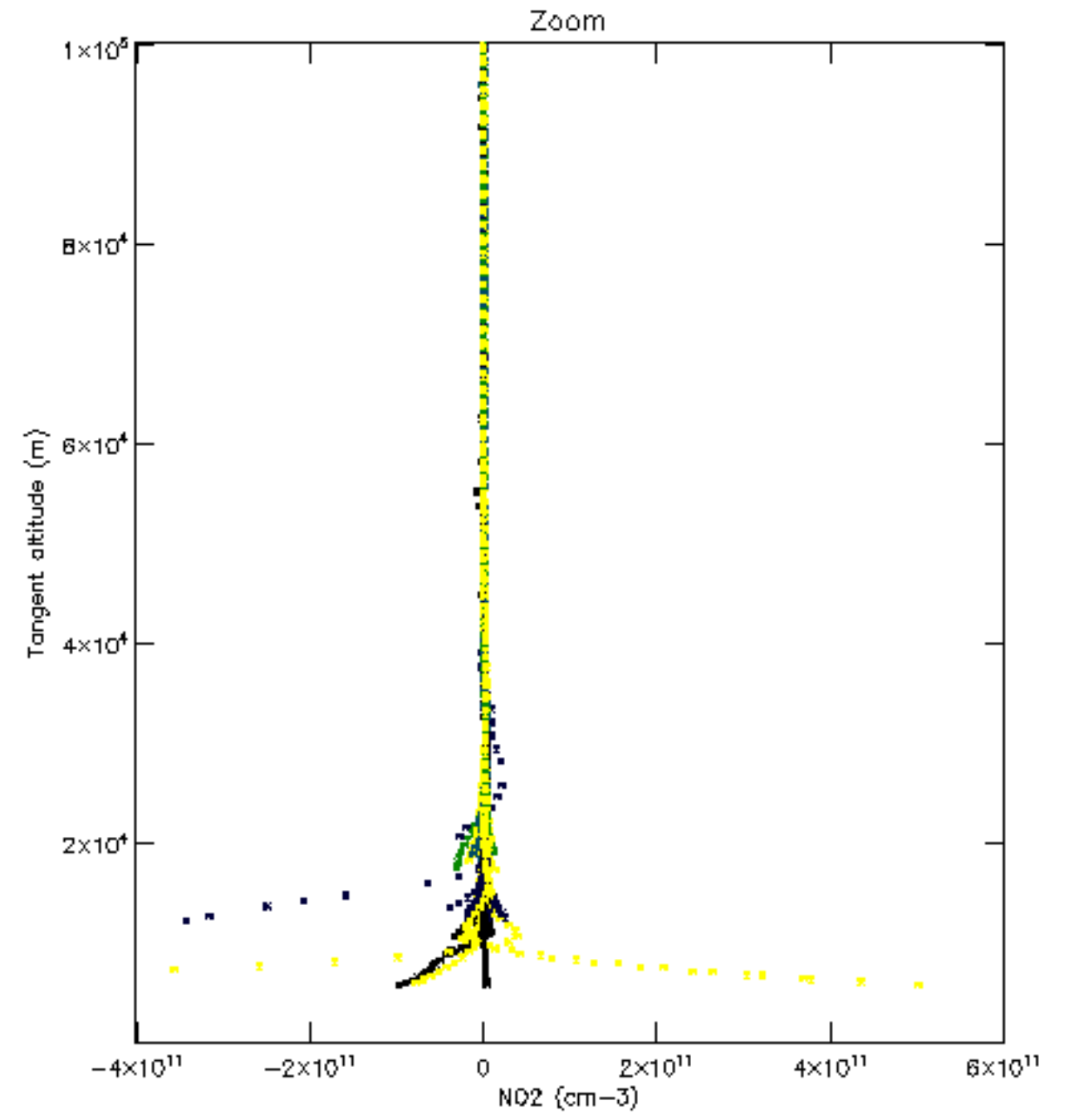
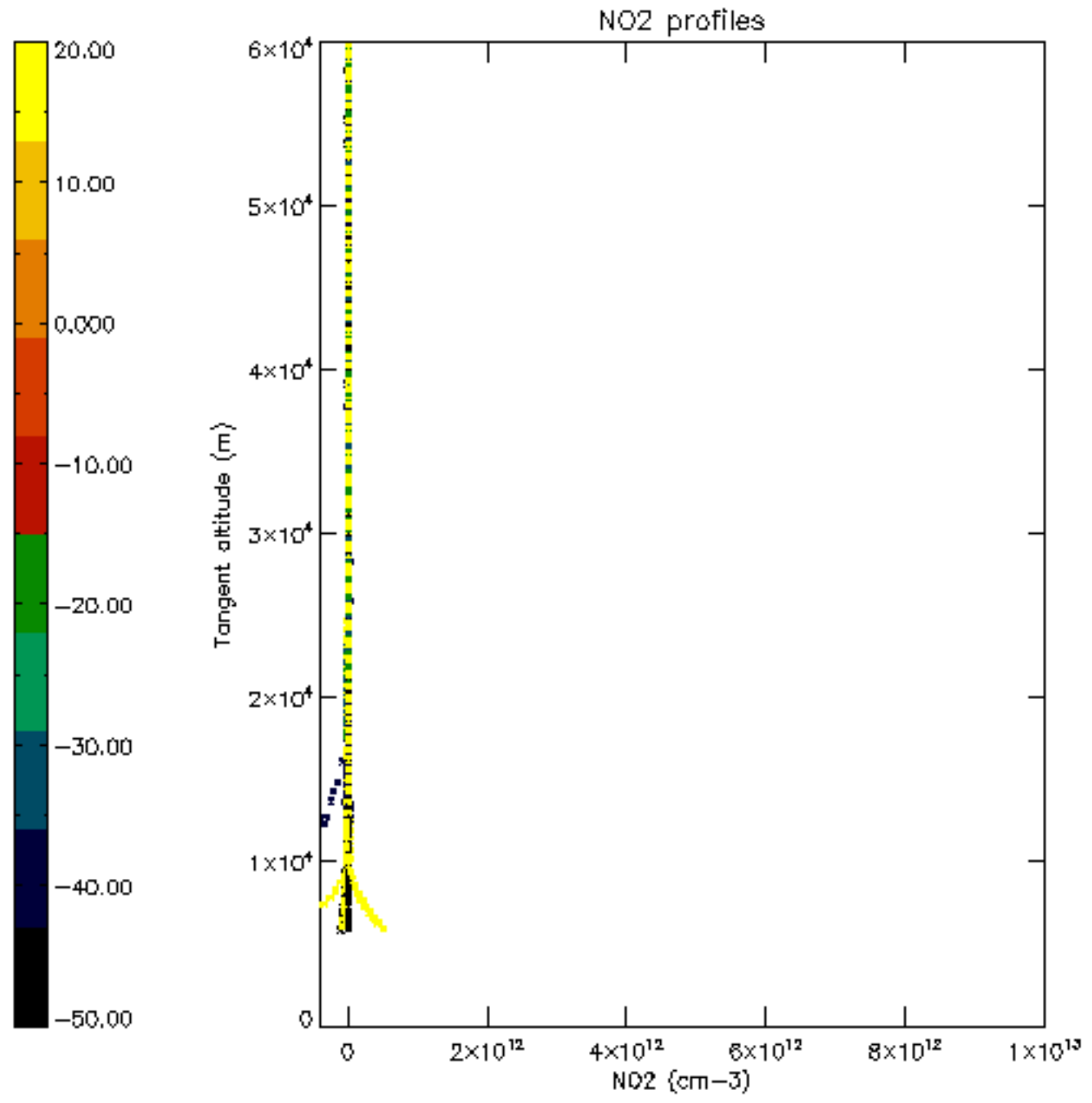


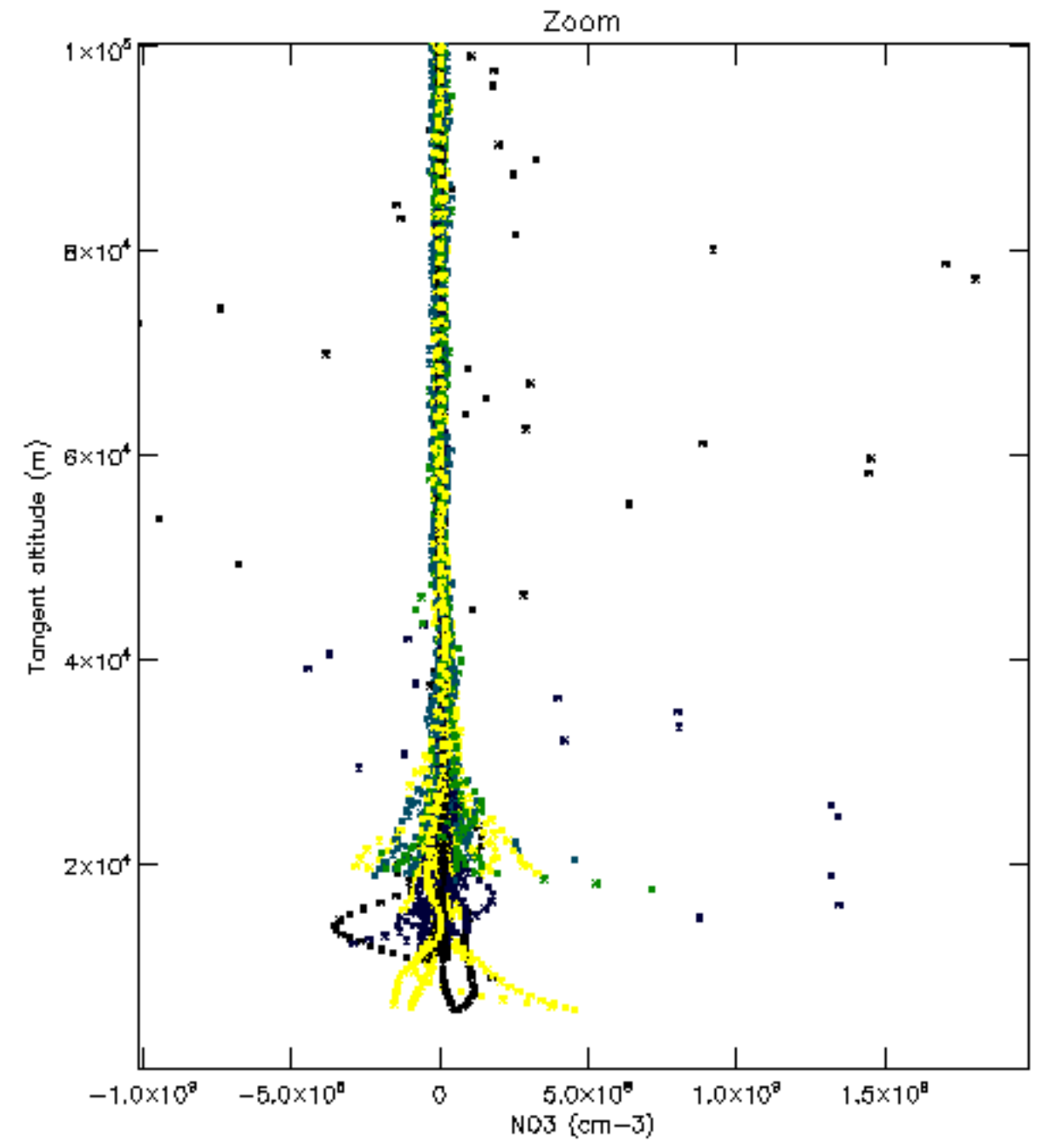
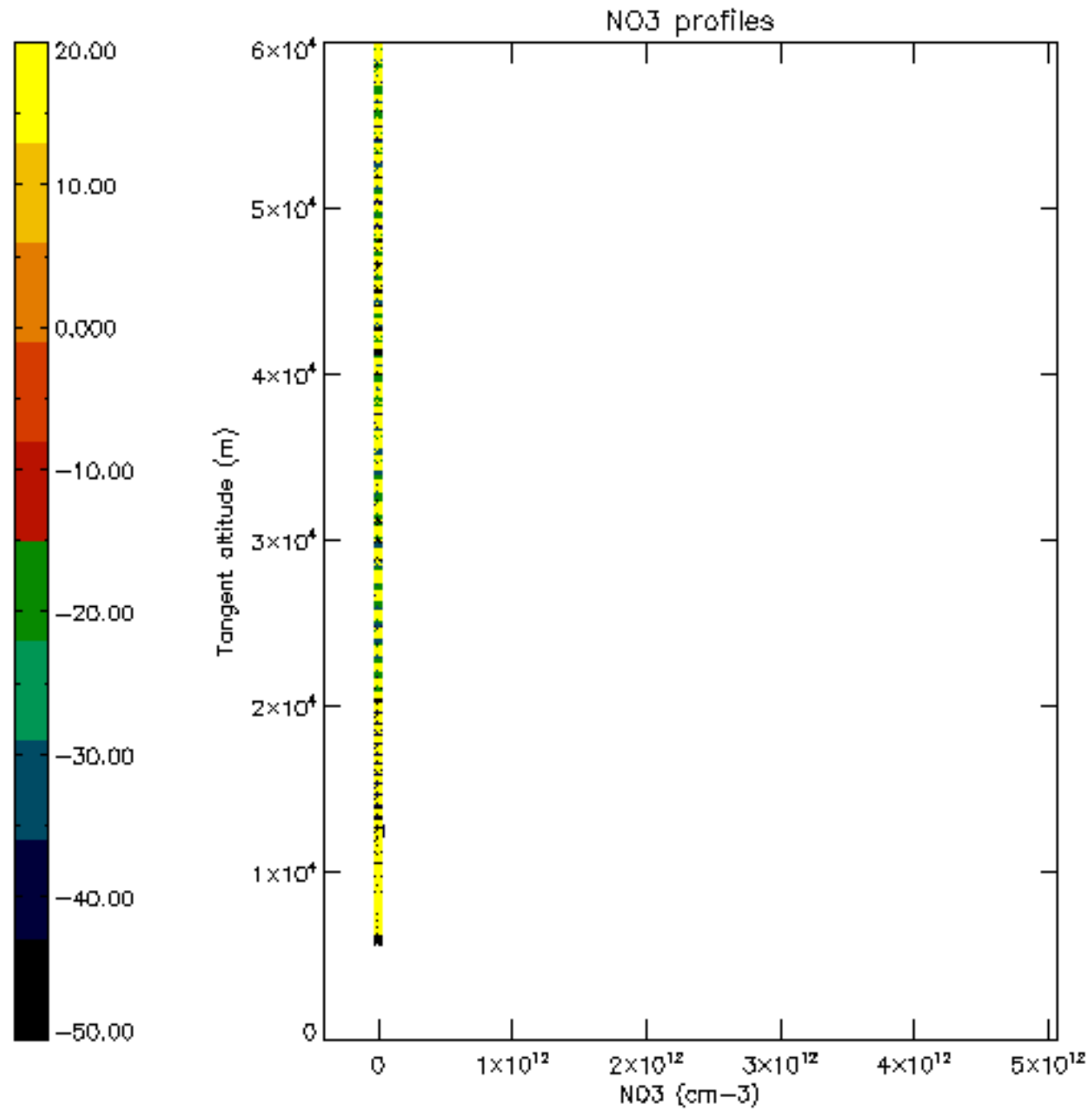


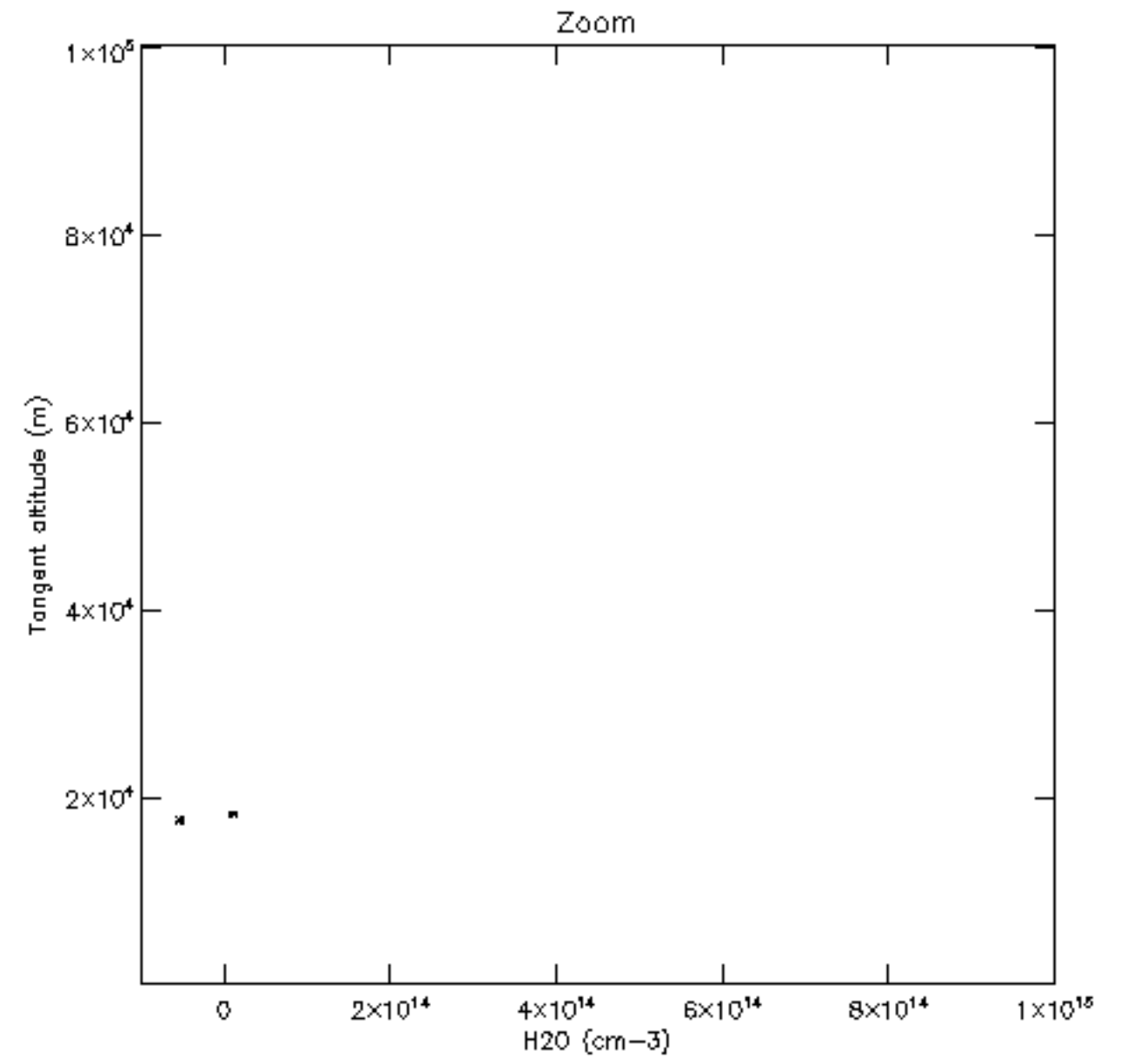
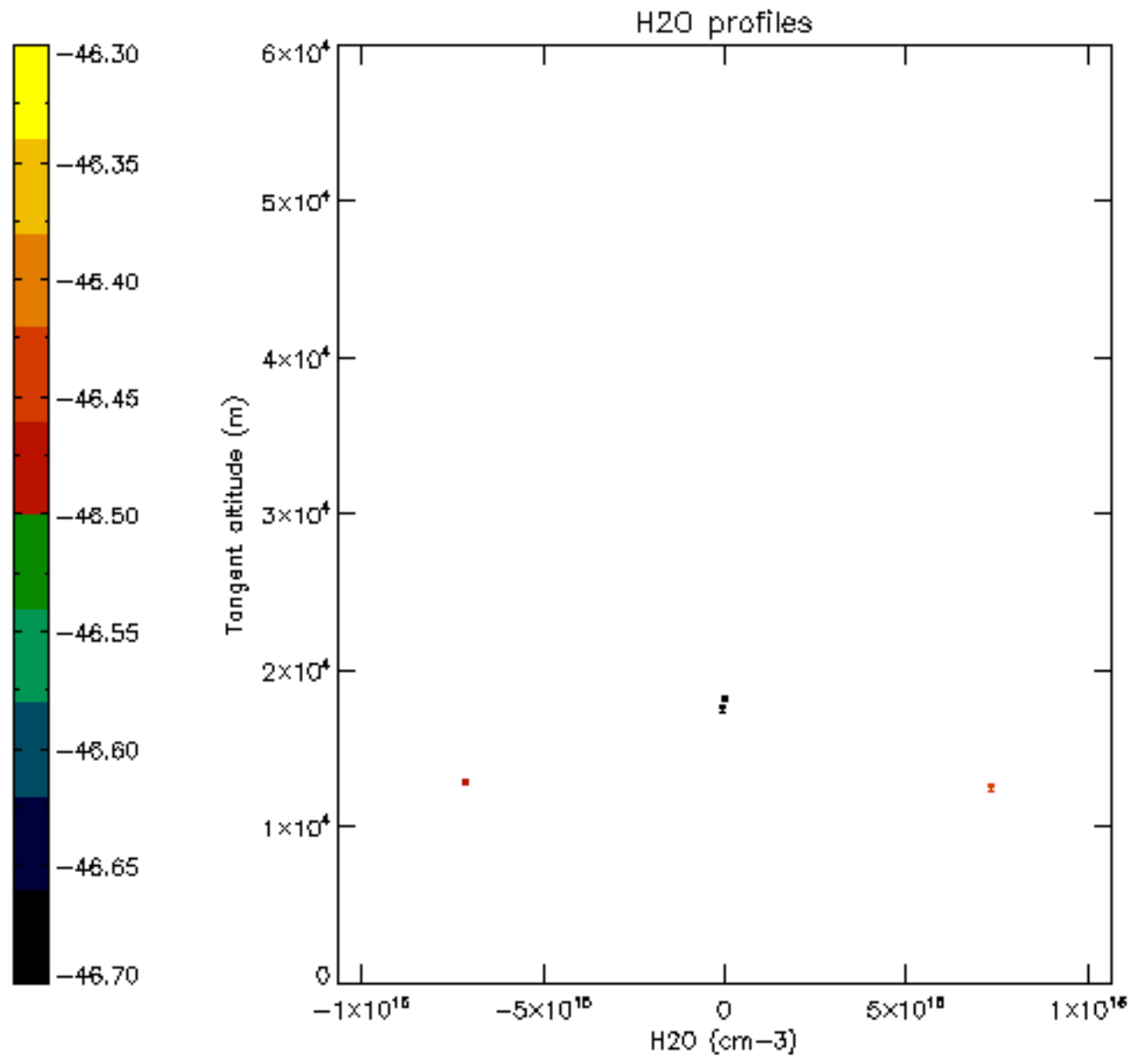


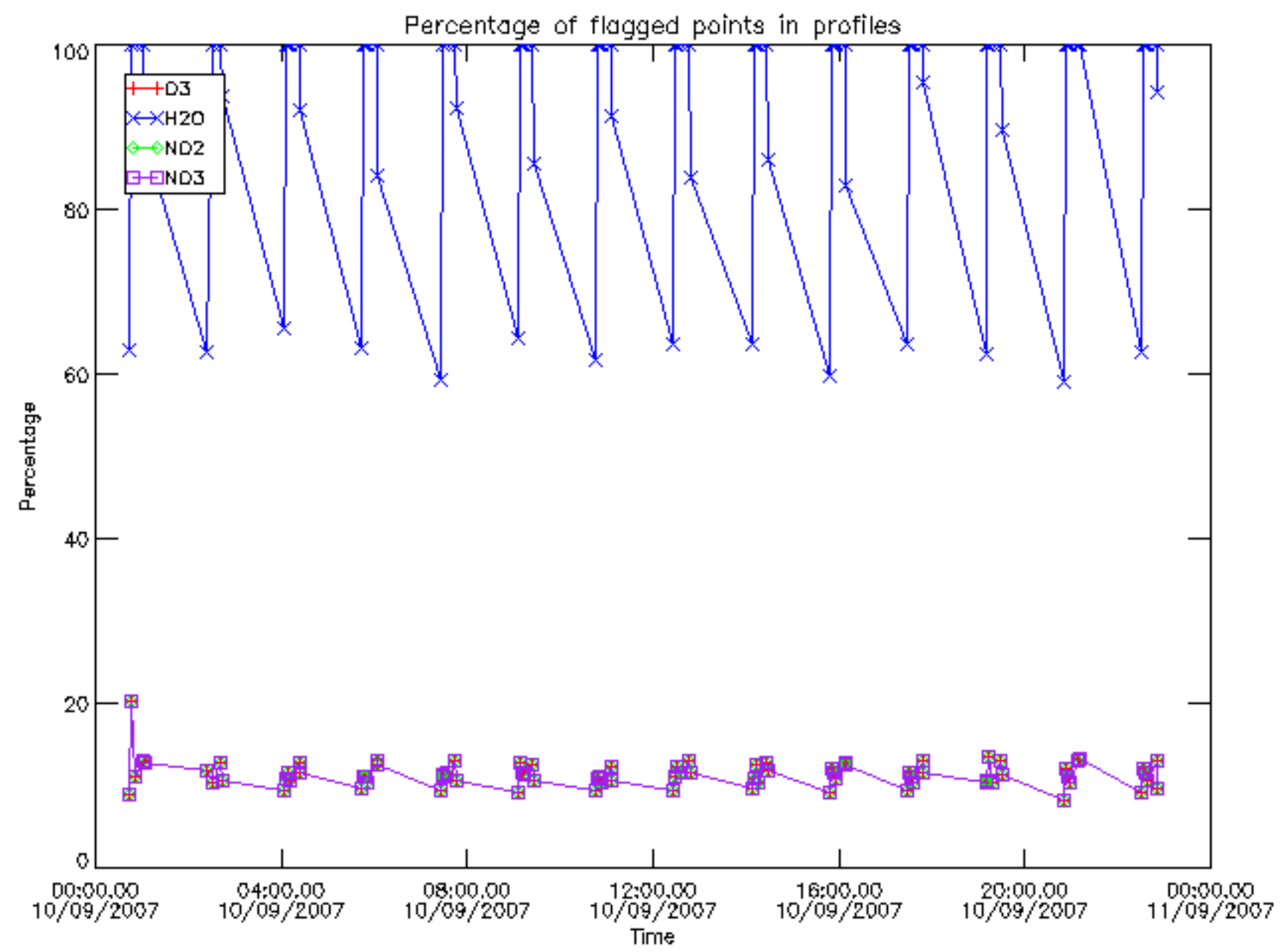




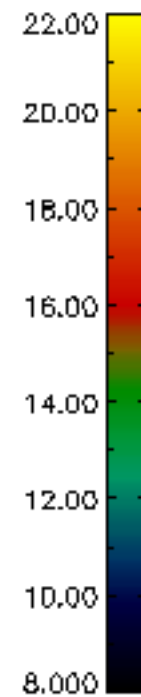
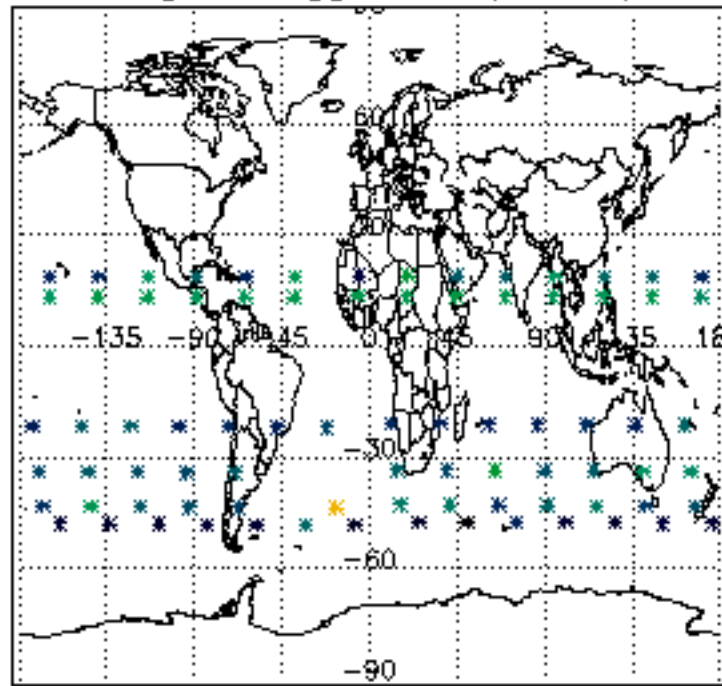




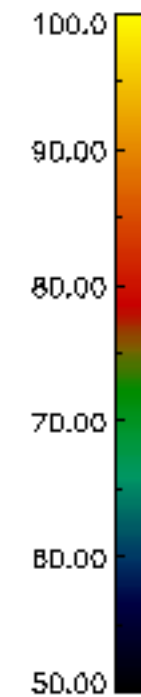
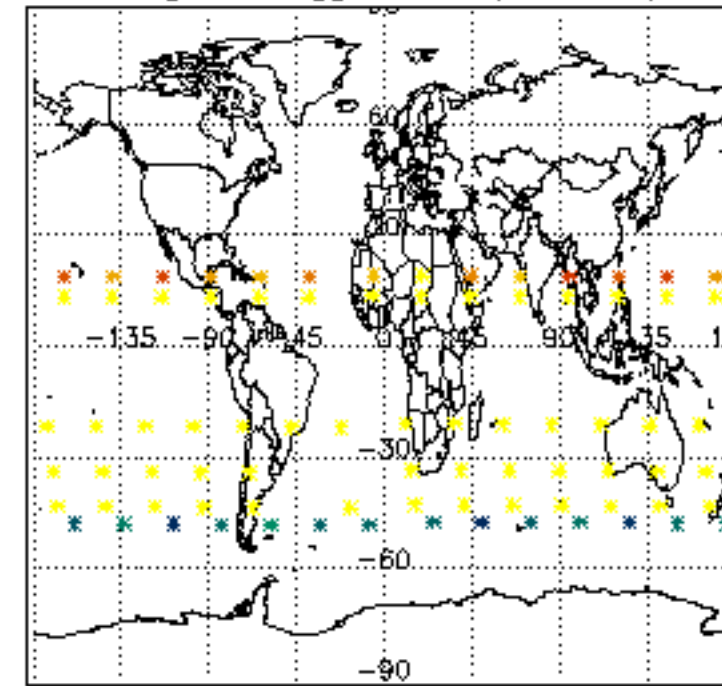




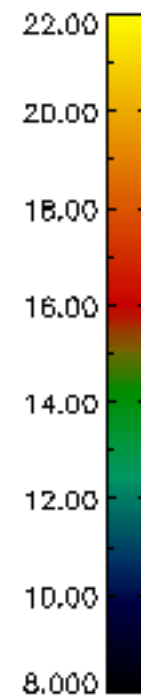
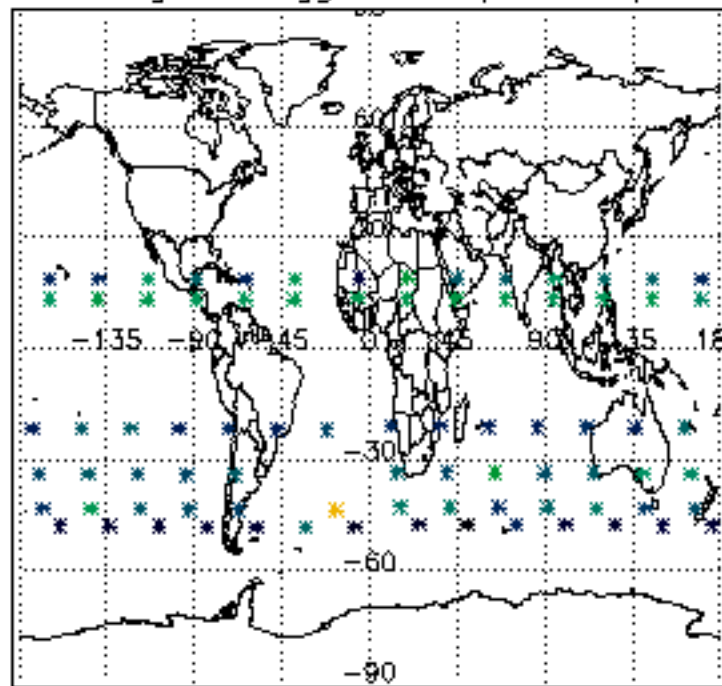
Percentage of flagged data per D3 profile



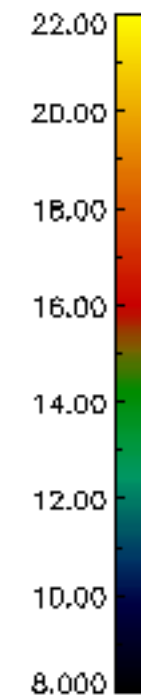
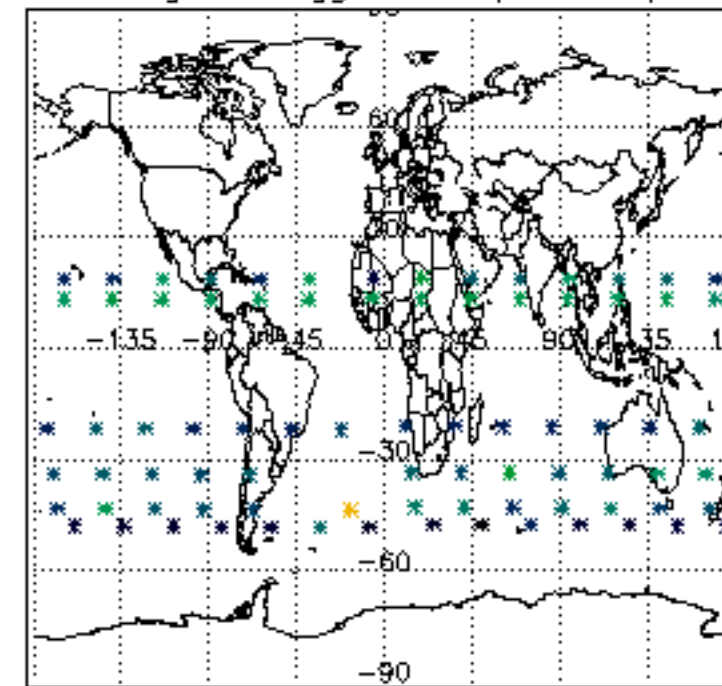
Percentage of flagged data per H2O profile

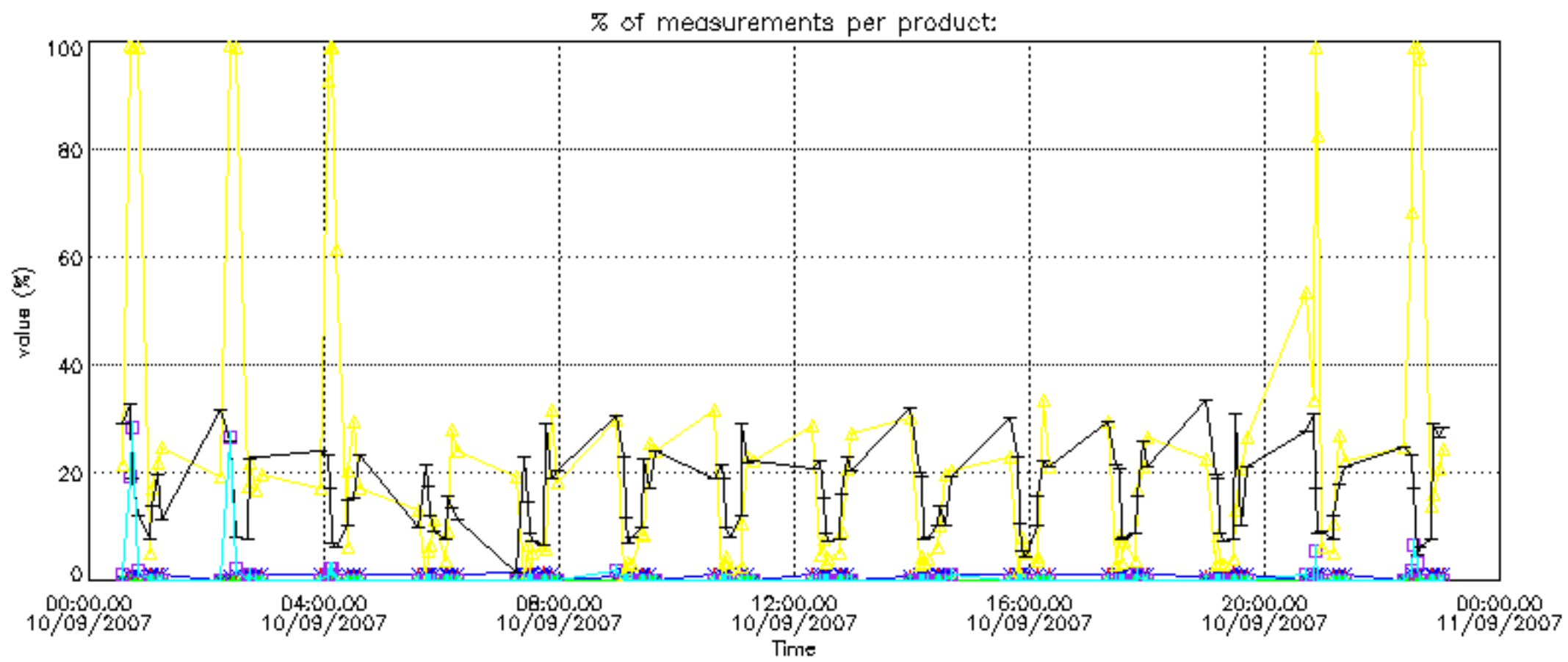


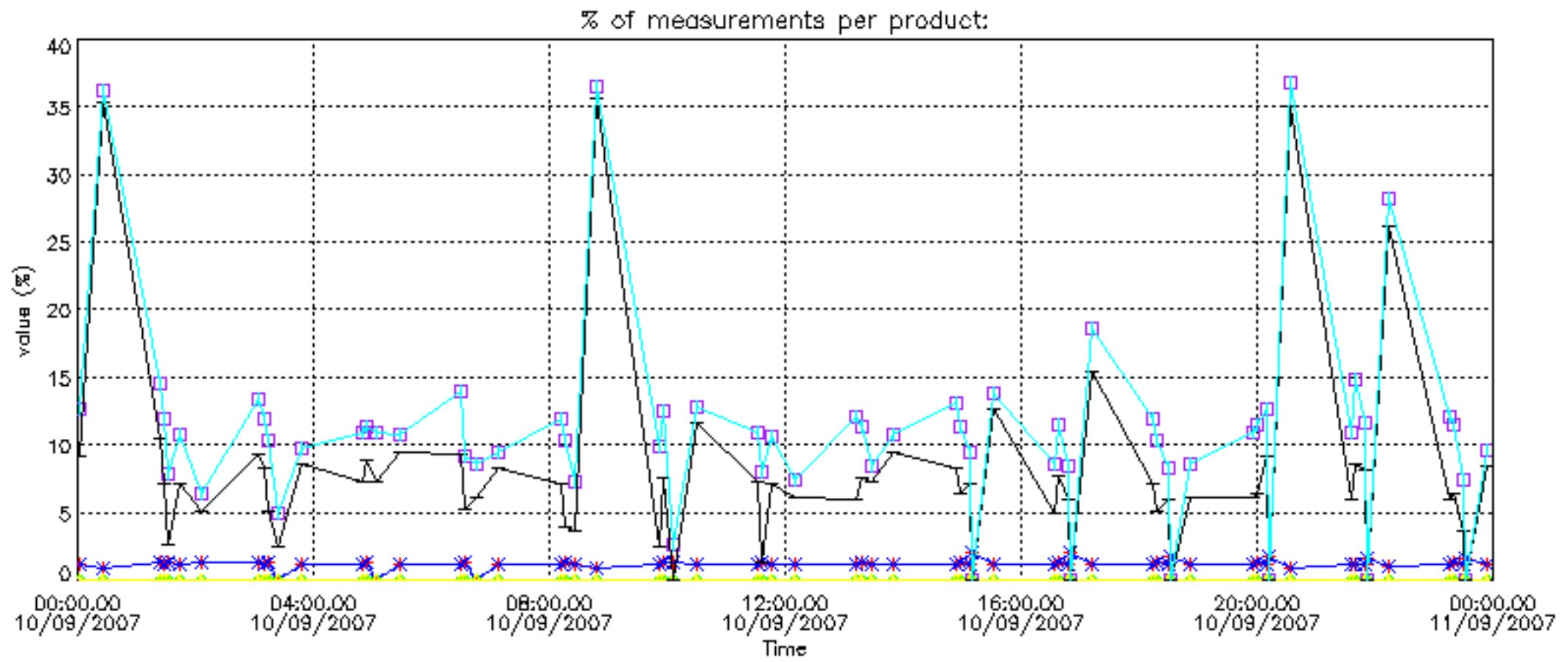
Percentage of flagged data per NO2 profile



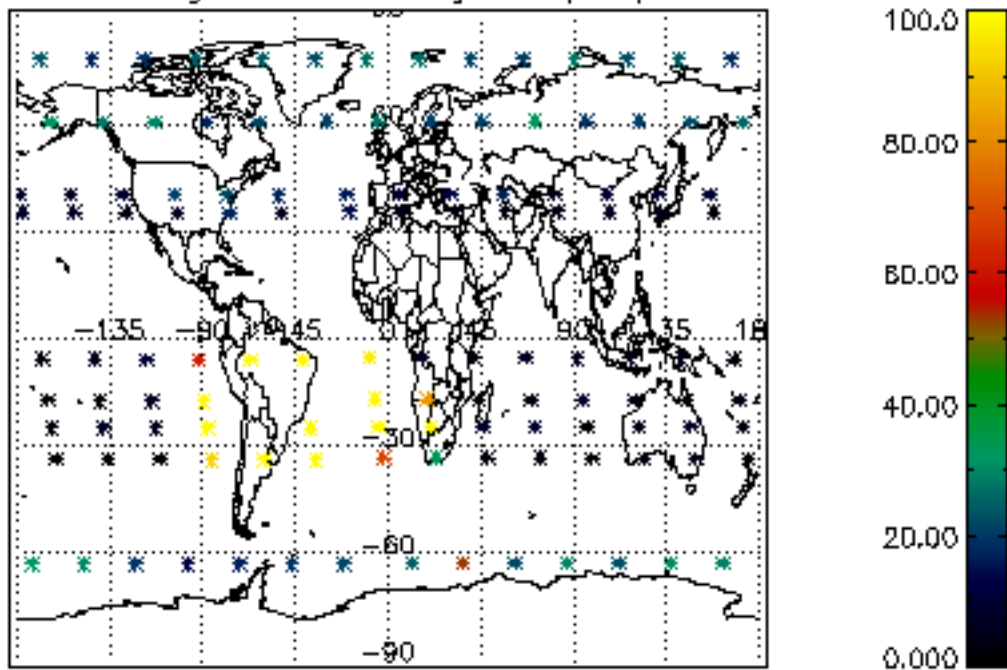
Percentage of flagged data per NO3 profile



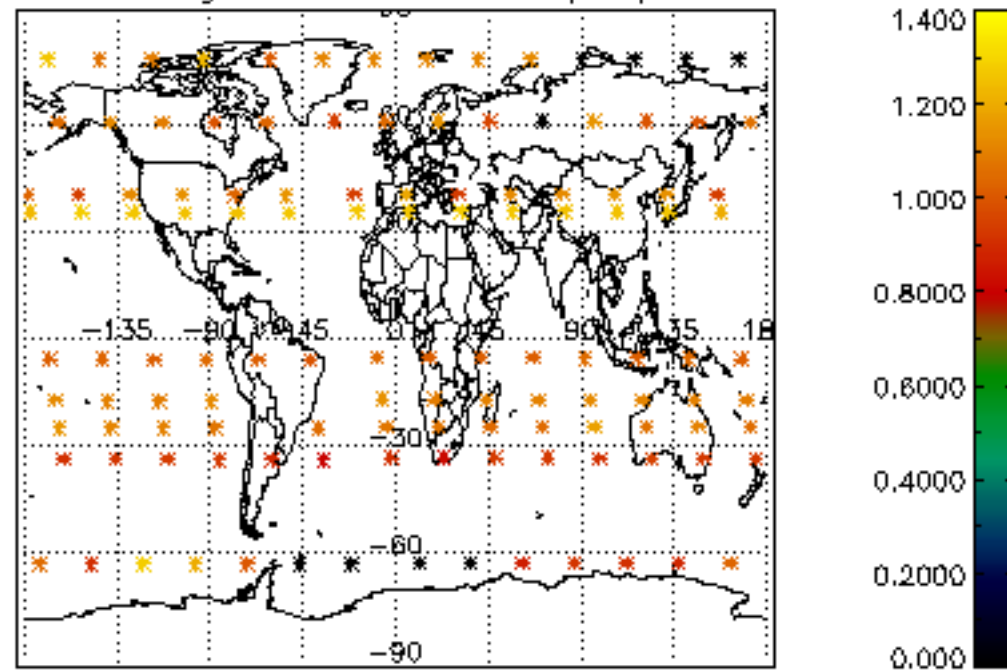




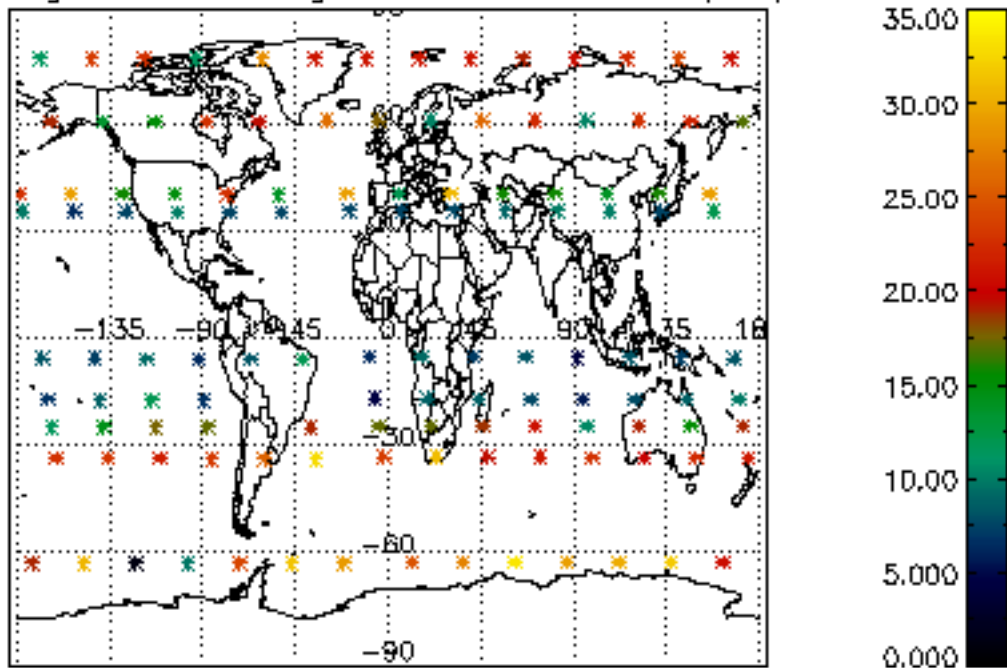
Percentage of cosmic ray hits per profile



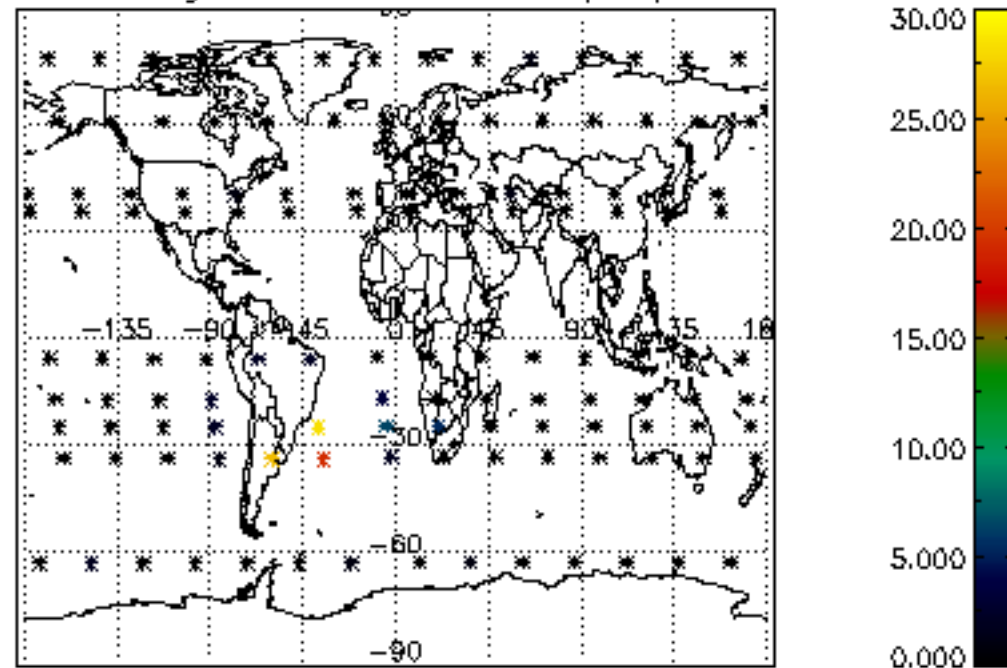
Percentage of datation errors per profile



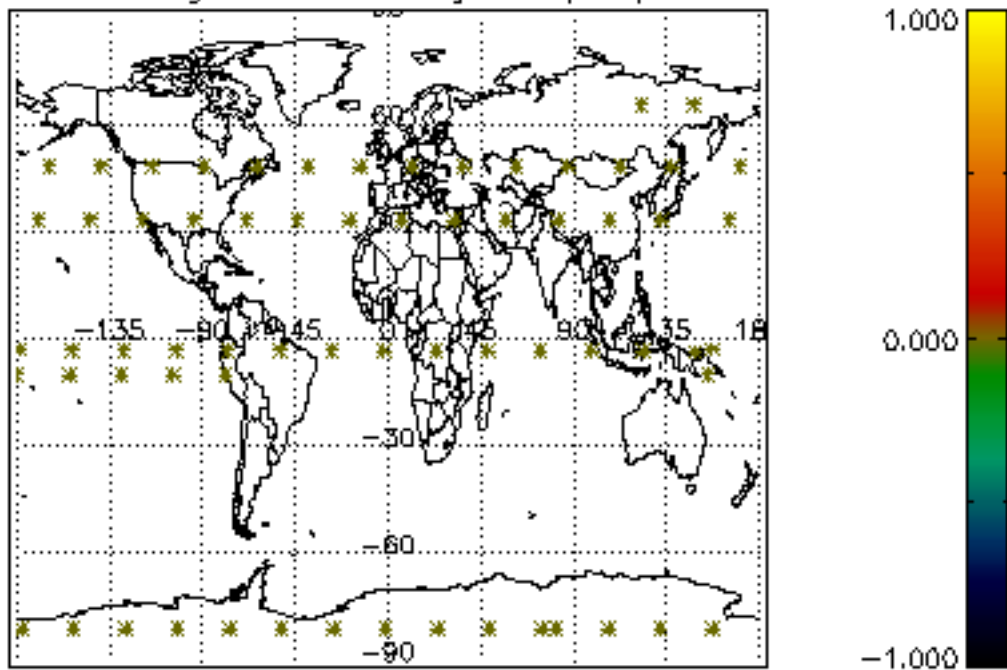
Percentage of star falling outside central band per profile



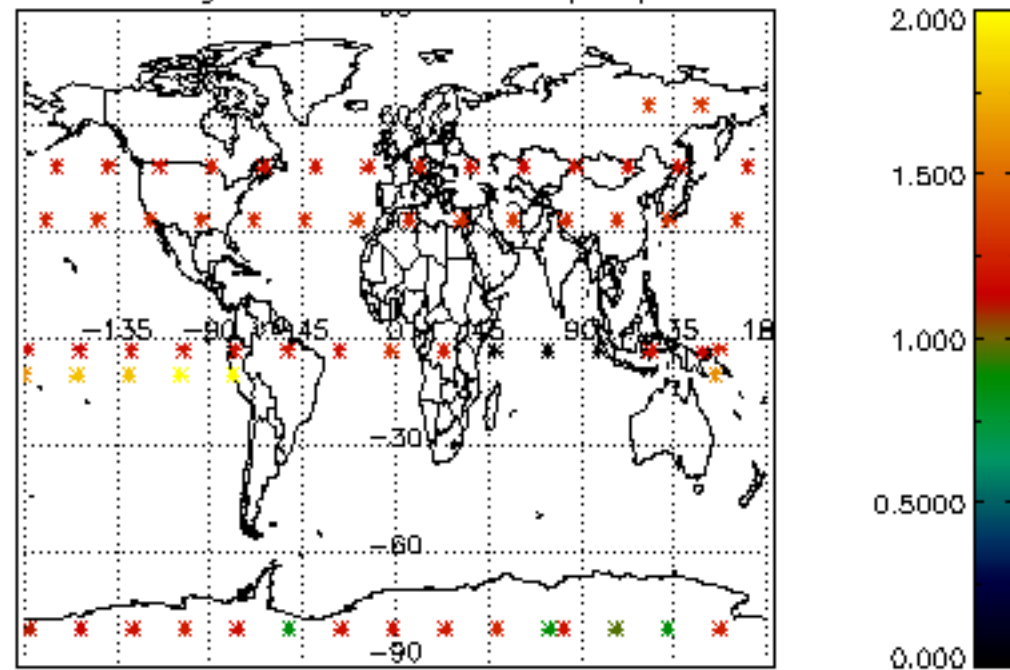
Percentage of saturation errors per profile



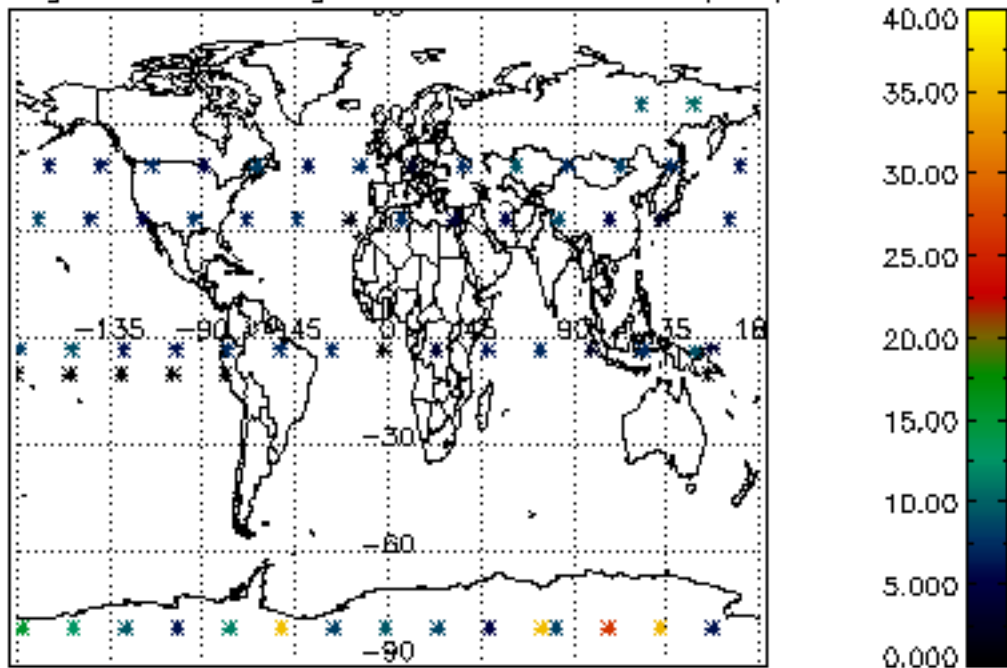
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

