

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	24APR2013 04:07:23
Data source version	GOMOS/6.01
Start time of products	14-09-2006 (14SEP2006 00:00:00)
Stop time of products	15-09-2006 (15SEP2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	258
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__2PRFIN20060914_000651_000000392051_00131_23732_1659.N1	14-SEP-2006 00:06:51	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	23732	No
2	GOM_NL__2PRFIN20060914_001224_000000382051_00131_23732_1660.N1	14-SEP-2006 00:12:24	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	23732	No
3	GOM_NL__2PRFIN20060914_001608_000000412051_00131_23732_1661.N1	14-SEP-2006 00:16:08	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	23732	No
4	GOM_NL__2PRFIN20060914_001855_000000382051_00131_23732_1662.N1	14-SEP-2006 00:18:55	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	23732	No
5	GOM_NL__2PRFIN20060914_002019_000000422051_00131_23732_1663.N1	14-SEP-2006 00:20:19	Straylight	42.000	18	24Alp PsA	1.1660	9700.0	84	23732	No
6	GOM_NL__2PRFIN20060914_002451_000000412051_00131_23732_1664.N1	14-SEP-2006 00:24:51	Tw_i_and_stray	40.500	142	49Del Cap	2.8500	8900.0	81	23732	No
7	GOM_NL__2PRFIN20060914_002907_000000382051_00131_23732_1665.N1	14-SEP-2006 00:29:07	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	23732	No
8	GOM_NL__2PRFIN20060914_003207_000000372051_00131_23732_1666.N1	14-SEP-2006 00:32:07	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	23732	No
9	GOM_NL__2PRFIN20060914_003921_000000382051_00131_23732_1667.N1	14-SEP-2006 00:39:21	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	23732	No
10	GOM_NL__2PRFIN20060914_004126_000000342051_00131_23732_1668.N1	14-SEP-2006 00:41:26	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	23732	No
11	GOM_NL__2PRFIN20060914_004655_000000372051_00131_23732_1669.N1	14-SEP-2006 00:46:55	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	23732	No
12	GOM_NL__2PRFIN20060914_005437_000000362051_00131_23732_1670.N1	14-SEP-2006 00:54:37	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	23732	No
13	GOM_NL__2PRFIN20060914_010150_000000352051_00131_23732_1671.N1	14-SEP-2006 01:01:50	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	23732	No
14	GOM_NL__2PRFIN20060914_010316_000000352051_00131_23732_1672.N1	14-SEP-2006 01:03:16	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	23732	No
15	GOM_NL__2PRFIN20060914_012759_000000452051_00131_23732_1673.N1	14-SEP-2006 01:27:59	Dark	44.500	132	15Rho Pup	2.8030	6900.0	89	23732	No
16	GOM_NL__2PRFIN20060914_013647_000000412051_00131_23732_1674.N1	14-SEP-2006 01:36:47	Dark	40.500	161	Tau Pup	2.9310	4500.0	81	23732	No
17	GOM_NL__2PRFIN20060914_013805_000000562051_00132_23733_1658.N1	14-SEP-2006 01:38:05	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	23733	No
18	GOM_NL__2PRFIN20060914_014727_000000372051_00132_23733_1659.N1	14-SEP-2006 01:47:27	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	23733	No
19	GOM_NL__2PRFIN20060914_015301_000000442051_00132_23733_1660.N1	14-SEP-2006 01:53:01	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	23733	No
20	GOM_NL__2PRFIN20060914_015644_000000422051_00132_23733_1661.N1	14-SEP-2006 01:56:44	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	23733	No
21	GOM_NL__2PRFIN20060914_015931_000000392051_00132_23733_1662.N1	14-SEP-2006 01:59:31	Straylight	38.500	172	Gam Gru	3.0030	13100.	77	23733	No
22	GOM_NL__2PRFIN20060914_020055_000000452051_00132_23733_1663.N1	14-SEP-2006 02:00:55	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	23733	No
23	GOM_NL__2PRFIN20060914_020527_000000402051_00132_23733_1664.N1	14-SEP-2006 02:05:27	Tw_i_and_stray	40.000	142	49Del Cap	2.8500	8900.0	80	23733	No
24	GOM_NL__2PRFIN20060914_020943_000000382051_00132_23733_1665.N1	14-SEP-2006 02:09:43	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	23733	No
25	GOM_NL__2PRFIN20060914_021243_000000382051_00132_23733_1666.N1	14-SEP-2006 02:12:43	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	23733	No
26	GOM_NL__2PRFIN20060914_021957_000000392051_00132_23733_1667.N1	14-SEP-2006 02:19:57	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	23733	No
27	GOM_NL__2PRFIN20060914_022202_000000372051_00132_23733_1668.N1	14-SEP-2006 02:22:02	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	23733	No
28	GOM_NL__2PRFIN20060914_022731_000000342051_00132_23733_1669.N1	14-SEP-2006 02:27:31	Bright	33.500	89	5Alp Cep	2.4510	8000.0	67	23733	No
29	GOM_NL__2PRFIN20060914_023512_000000342051_00132_23733_1670.N1	14-SEP-2006 02:35:12	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	23733	No
30	GOM_NL__2PRFIN20060914_024226_000000362051_00132_23733_1671.N1	14-SEP-2006 02:42:26	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	23733	No
31	GOM_NL__2PRFIN20060914_024352_000000472051_00132_23733_1672.N1	14-SEP-2006 02:43:52	Bright	47.000	82	48Bet UMa	2.3650	10600.	94	23733	No
32	GOM_NL__2PRFIN20060914_030836_000000422051_00132_23733_1673.N1	14-SEP-2006 03:08:36	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	23733	No
33	GOM_NL__2PRFIN20060914_031246_000000402051_00132_23733_1674.N1	14-SEP-2006 03:12:46	Dark	40.000	70	Zet Pup	2.2460	39000.	80	23733	No
34	GOM_NL__2PRFIN20060914_031724_000000402051_00132_23733_1675.N1	14-SEP-2006 03:17:24	Dark	40.000	161	Tau Pup	2.9310	4500.0	80	23733	No
35	GOM_NL__2PRFIN20060914_031842_000000422051_00133_23734_1658.N1	14-SEP-2006 03:18:42	Dark	41.500	2	Alp Car	-0.73600	7000.0	83	23734	No
36	GOM_NL__2PRFIN20060914_032803_000000382051_00133_23734_1659.N1	14-SEP-2006 03:28:03	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	23734	No
37	GOM_NL__2PRFIN20060914_033337_000000422051_00133_23734_1660.N1	14-SEP-2006 03:33:37	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	23734	No
38	GOM_NL__2PRFIN20060914_033720_000000422051_00133_23734_1661.N1	14-SEP-2006 03:37:20	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	23734	No
39	GOM_NL__2PRFIN20060914_034007_000000382051_00133_23734_1662.N1	14-SEP-2006 03:40:07	Straylight	37.500	172	Gam Gru	3.0030	13100.	75	23734	No
40	GOM_NL__2PRFIN20060914_034131_000000462051_00133_23734_1663.N1	14-SEP-2006 03:41:31	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	23734	No
41	GOM_NL__2PRFIN20060914_034604_000000392051_00133_23734_1664.N1	14-SEP-2006 03:46:04	Tw_i_and_stray	38.500	142	49Del Cap	2.8500	8900.0	77	23734	No
42	GOM_NL__2PRFIN20060914_035019_000000382051_00133_23734_1665.N1	14-SEP-2006 03:50:19	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	23734	No

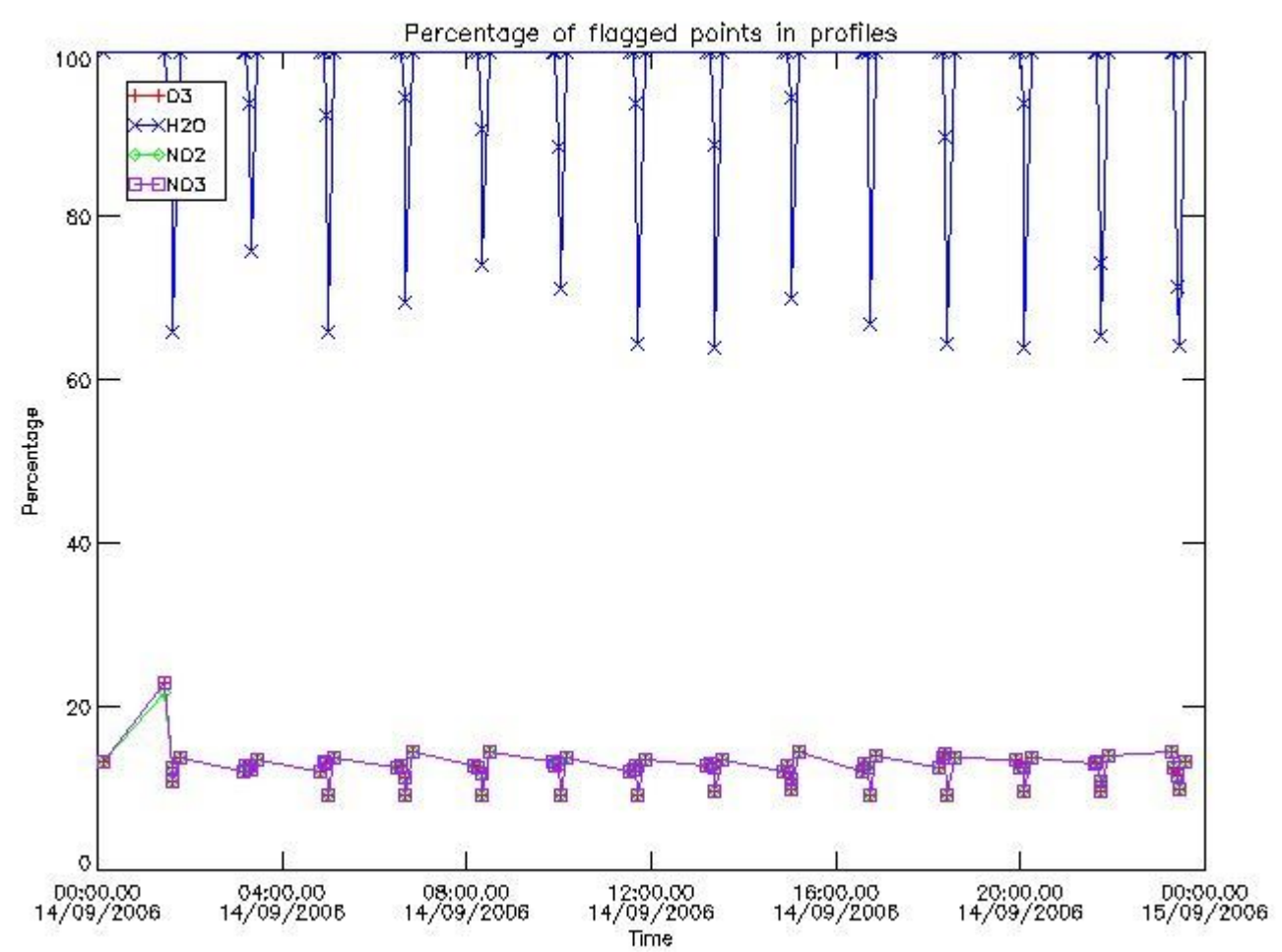
161	GOM_NL__2PRFIN20060914_150257_000000522051_00140_23741_1678.N1	14-SEP-2006 15:02:57	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	23741	No
162	GOM_NL__2PRFIN20060914_151216_000000362051_00140_23741_1679.N1	14-SEP-2006 15:12:16	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	23741	No
163	GOM_NL__2PRFIN20060914_151749_000000382051_00140_23741_1680.N1	14-SEP-2006 15:17:49	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	23741	No
164	GOM_NL__2PRFIN20060914_152133_000000432051_00140_23741_1681.N1	14-SEP-2006 15:21:33	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	23741	No
165	GOM_NL__2PRFIN20060914_152420_000000382051_00140_23741_1682.N1	14-SEP-2006 15:24:20	Straylight	37.500	172	Gam Gru	3.0030	13100.	75	23741	No
166	GOM_NL__2PRFIN20060914_152544_000000452051_00140_23741_1683.N1	14-SEP-2006 15:25:44	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	23741	No
167	GOM_NL__2PRFIN20060914_153016_000000402051_00140_23741_1684.N1	14-SEP-2006 15:30:16	Tw_i_and_stray	40.000	142	49Del Cap	2.8500	8900.0	80	23741	No
168	GOM_NL__2PRFIN20060914_153431_000000372051_00140_23741_1685.N1	14-SEP-2006 15:34:31	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	23741	No
169	GOM_NL__2PRFIN20060914_153731_000000372051_00140_23741_1686.N1	14-SEP-2006 15:37:31	Bright	36.500	61	8Eps Peg	2.1000	3900.0	73	23741	No
170	GOM_NL__2PRFIN20060914_154446_000000372051_00140_23741_1687.N1	14-SEP-2006 15:44:46	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	23741	No
171	GOM_NL__2PRFIN20060914_154752_000000352051_00140_23741_1688.N1	14-SEP-2006 15:47:52	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	23741	No
172	GOM_NL__2PRFIN20060914_155219_000000362051_00140_23741_1689.N1	14-SEP-2006 15:52:19	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	23741	No
173	GOM_NL__2PRFIN20060914_160000_000000372051_00140_23741_1690.N1	14-SEP-2006 16:00:00	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	23741	No
174	GOM_NL__2PRFIN20060914_160715_000000372051_00140_23741_1691.N1	14-SEP-2006 16:07:15	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	23741	No
175	GOM_NL__2PRFIN20060914_160841_000000352051_00140_23741_1692.N1	14-SEP-2006 16:08:41	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	23741	No
176	GOM_NL__2PRFIN20060914_163327_000000432051_00140_23741_1693.N1	14-SEP-2006 16:33:27	Dark	42.500	132	15Rho Pup	2.8030	6900.0	85	23741	No
177	GOM_NL__2PRFIN20060914_163737_000000392051_00140_23741_1694.N1	14-SEP-2006 16:37:37	Dark	39.000	70	Zet Pup	2.2460	39000.	78	23741	No
178	GOM_NL__2PRFIN20060914_164215_000000412051_00140_23741_1695.N1	14-SEP-2006 16:42:15	Dark	41.000	161	Tau Pup	2.9310	4500.0	82	23741	No
179	GOM_NL__2PRFIN20060914_164334_000000562051_00141_23742_1678.N1	14-SEP-2006 16:43:34	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	23742	No
180	GOM_NL__2PRFIN20060914_165252_000000372051_00141_23742_1679.N1	14-SEP-2006 16:52:52	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	23742	No
181	GOM_NL__2PRFIN20060914_165825_000000372051_00141_23742_1680.N1	14-SEP-2006 16:58:25	Straylight	37.000	148	Alp Tuc	2.8780	4100.0	74	23742	No
182	GOM_NL__2PRFIN20060914_170209_000000402051_00141_23742_1681.N1	14-SEP-2006 17:02:09	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	23742	No
183	GOM_NL__2PRFIN20060914_170456_000000392051_00141_23742_1682.N1	14-SEP-2006 17:04:56	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	23742	No
184	GOM_NL__2PRFIN20060914_170620_000000452051_00141_23742_1683.N1	14-SEP-2006 17:06:20	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	23742	No
185	GOM_NL__2PRFIN20060914_171052_000000412051_00141_23742_1684.N1	14-SEP-2006 17:10:52	Tw_i_and_stray	41.000	142	49Del Cap	2.8500	8900.0	82	23742	No
186	GOM_NL__2PRFIN20060914_171507_000000372051_00141_23742_1685.N1	14-SEP-2006 17:15:07	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	23742	No
187	GOM_NL__2PRFIN20060914_171807_000000382051_00141_23742_1686.N1	14-SEP-2006 17:18:07	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	23742	No
188	GOM_NL__2PRFIN20060914_172523_000000342051_00141_23742_1687.N1	14-SEP-2006 17:25:23	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	23742	No
189	GOM_NL__2PRFIN20060914_172829_000000362051_00141_23742_1688.N1	14-SEP-2006 17:28:29	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	23742	No
190	GOM_NL__2PRFIN20060914_173255_000000362051_00141_23742_1689.N1	14-SEP-2006 17:32:55	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	23742	No
191	GOM_NL__2PRFIN20060914_174036_000000362051_00141_23742_1690.N1	14-SEP-2006 17:40:36	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	23742	No
192	GOM_NL__2PRFIN20060914_174751_000000362051_00141_23742_1691.N1	14-SEP-2006 17:47:51	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	23742	No
193	GOM_NL__2PRFIN20060914_174917_000000342051_00141_23742_1692.N1	14-SEP-2006 17:49:17	Bright	33.500	82	48Bet UMa	2.3650	10600.	67	23742	No
194	GOM_NL__2PRFIN20060914_181403_000000412051_00141_23742_1693.N1	14-SEP-2006 18:14:03	Dark	40.500	132	15Rho Pup	2.8030	6900.0	81	23742	No
195	GOM_NL__2PRFIN20060914_181813_000000372051_00141_23742_1694.N1	14-SEP-2006 18:18:13	Dark	37.000	70	Zet Pup	2.2460	39000.	74	23742	No
196	GOM_NL__2PRFIN20060914_182252_000000402051_00141_23742_1695.N1	14-SEP-2006 18:22:52	Dark	39.500	161	Tau Pup	2.9310	4500.0	79	23742	No
197	GOM_NL__2PRFIN20060914_182411_000000552051_00142_23743_1678.N1	14-SEP-2006 18:24:11	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	23743	No
198	GOM_NL__2PRFIN20060914_183328_000000372051_00142_23743_1679.N1	14-SEP-2006 18:33:28	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	23743	No
199	GOM_NL__2PRFIN20060914_183902_000000382051_00142_23743_1680.N1	14-SEP-2006 18:39:02	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	23743	No
200	GOM_NL__2PRFIN20060914_184245_000000402051_00142_23743_1681.N1	14-SEP-2006 18:42:45	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	23743	No
201	GOM_NL__2PRFIN20060914_184532_000000392051_00142_23743_1682.N1	14-SEP-2006 18:45:32	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	23743	No
202	GOM_NL__2PRFIN20060914_184656_000000452051_00142_23743_1683.N1	14-SEP-2006 18:46:56	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	23743	No
203	GOM_NL__2PRFIN20060914_185129_000000392051_00142_23743_1684.N1	14-SEP-2006 18:51:29	Tw_i_and_stray	39.000	142	49Del Cap	2.8500	8900.0	78	23743	No
204	GOM_NL__2PRFIN20060914_185544_000000382051_00142_23743_1685.N1	14-SEP-2006 18:55:44	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	23743	No
205	GOM_NL__2PRFIN20060914_185843_000000382051_00142_23743_1686.N1	14-SEP-2006 18:58:43	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	23743	No
206	GOM_NL__2PRFIN20060914_190559_000000352051_00142_23743_1687.N1	14-SEP-2006 19:05:59	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	23743	No
207	GOM_NL__2PRFIN20060914_190905_000000372051_00142_23743_1688.N1	14-SEP-2006 19:09:05	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	23743	No
208	GOM_NL__2PRFIN20060914_191331_000000362051_00142_23743_1689.N1	14-SEP-2006 19:13:31	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	23743	No
209	GOM_NL__2PRFIN20060914_192112_000000362051_00142_23743_1690.N1	14-SEP-2006 19:21:12	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	23743	No
210	GOM_NL__2PRFIN20060914_192828_000000342051_00142_23743_1691.N1	14-SEP-2006 19:28:28	Bright	34.000	36	50Alp UMa	1.8000	6300.0	68	23743	No
211	GOM_NL__2PRFIN20060914_192954_000000402051_00142_23743_1692.N1	14-SEP-2006 19:29:54	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	23743	No
212	GOM_NL__2PRFIN20060914_195440_000000422051_00142_23743_1693.N1	14-SEP-2006 19:54:40	Dark	41.500	132	15Rho Pup	2.8030	6900.0	83	23743	No
213	GOM_NL__2PRFIN20060914_195850_000000412051_00142_23743_1694.N1	14-SEP-2006 19:58:50	Dark	41.000	70	Zet Pup	2.2460	39000.	82	23743	No
214	GOM_NL__2PRFIN20060914_200329_000000412051_00142_23743_1695.N1	14-SEP-2006 20:03:29	Dark	41.000	161	Tau Pup	2.9310	4500.0	82	23743	No
215	GOM_NL__2PRFIN20060914_200447_000000532051_00143_23744_1678.N1	14-SEP-2006 20:04:47	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	23744	No
216	GOM_NL__2PRFIN20060914_201404_000000372051_00143_23744_1679.N1	14-SEP-2006 20:14:04	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	23744	No
217	GOM_NL__2PRFIN20060914_201938_000000382051_00143_23744_1680.N1	14-SEP-2006 20:19:38	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	23744	No
218	GOM_NL__2PRFIN20060914_202321_000000422051_00143_23744_1681.N1	14-SEP-2006 20:23:21	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	23744	No
219	GOM_NL__2PRFIN20060914_202608_000000382051_00143_23744_1682.N1	14-SEP-2006 20:26:08	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	23744	No

220	GOM_NL__2PRFIN20060914_202733_000000422051_00143_23744_1683.N1	14-SEP-2006 20:27:33	Straylight	42.000	18	24Alp PsA	1.1660	9700.0	84	23744	No
221	GOM_NL__2PRFIN20060914_203205_000000402051_00143_23744_1684.N1	14-SEP-2006 20:32:05	Twl_and_stray	40.000	142	49Del Cap	2.8500	8900.0	80	23744	No
222	GOM_NL__2PRFIN20060914_203620_000000372051_00143_23744_1685.N1	14-SEP-2006 20:36:20	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	23744	No
223	GOM_NL__2PRFIN20060914_203919_000000372051_00143_23744_1686.N1	14-SEP-2006 20:39:19	Bright	36.500	61	8Eps Peg	2.1000	3900.0	73	23744	No
224	GOM_NL__2PRFIN20060914_204635_000000352051_00143_23744_1687.N1	14-SEP-2006 20:46:35	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	23744	No
225	GOM_NL__2PRFIN20060914_204941_000000352051_00143_23744_1688.N1	14-SEP-2006 20:49:41	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	23744	No
226	GOM_NL__2PRFIN20060914_205407_000000352051_00143_23744_1689.N1	14-SEP-2006 20:54:07	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	23744	No
227	GOM_NL__2PRFIN20060914_210148_000000372051_00143_23744_1690.N1	14-SEP-2006 21:01:48	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	23744	No
228	GOM_NL__2PRFIN20060914_210904_000000332051_00143_23744_1691.N1	14-SEP-2006 21:09:04	Bright	33.000	36	50Alp UMa	1.8000	6300.0	66	23744	No
229	GOM_NL__2PRFIN20060914_211030_000000342051_00143_23744_1692.N1	14-SEP-2006 21:10:30	Bright	34.000	82	48Bet UMa	2.3650	10600.	68	23744	No
230	GOM_NL__2PRFIN20060914_213516_000000402051_00143_23744_1693.N1	14-SEP-2006 21:35:16	Dark	39.500	132	15Rho Pup	2.8030	6900.0	79	23744	No
231	GOM_NL__2PRFIN20060914_213926_000000392051_00143_23744_1694.N1	14-SEP-2006 21:39:26	Dark	38.500	70	Zet Pup	2.2460	39000.	77	23744	No
232	GOM_NL__2PRFIN20060914_214404_000000472051_00143_23744_1695.N1	14-SEP-2006 21:44:04	Dark	47.000	41	Eps Car	1.8600	4100.0	94	23744	No
233	GOM_NL__2PRFIN20060914_214524_000000532051_00144_23745_1678.N1	14-SEP-2006 21:45:24	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	23745	No
234	GOM_NL__2PRFIN20060914_215440_000000372051_00144_23745_1679.N1	14-SEP-2006 21:54:40	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	23745	No
235	GOM_NL__2PRFIN20060914_220014_000000402051_00144_23745_1680.N1	14-SEP-2006 22:00:14	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	23745	No
236	GOM_NL__2PRFIN20060914_220357_000000392051_00144_23745_1681.N1	14-SEP-2006 22:03:57	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	23745	No
237	GOM_NL__2PRFIN20060914_220644_000000372051_00144_23745_1682.N1	14-SEP-2006 22:06:44	Straylight	37.000	172	Gam Gru	3.0030	13100.	74	23745	No
238	GOM_NL__2PRFIN20060914_220809_000000432051_00144_23745_1683.N1	14-SEP-2006 22:08:09	Straylight	42.500	18	24Alp PsA	1.1660	9700.0	85	23745	No
239	GOM_NL__2PRFIN20060914_221241_000000412051_00144_23745_1684.N1	14-SEP-2006 22:12:41	Twl_and_stray	40.500	142	49Del Cap	2.8500	8900.0	81	23745	No
240	GOM_NL__2PRFIN20060914_221656_000000382051_00144_23745_1685.N1	14-SEP-2006 22:16:56	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	23745	No
241	GOM_NL__2PRFIN20060914_221955_000000382051_00144_23745_1686.N1	14-SEP-2006 22:19:55	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	23745	No
242	GOM_NL__2PRFIN20060914_222711_000000352051_00144_23745_1687.N1	14-SEP-2006 22:27:11	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	23745	No
243	GOM_NL__2PRFIN20060914_223017_000000372051_00144_23745_1688.N1	14-SEP-2006 22:30:17	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	23745	No
244	GOM_NL__2PRFIN20060914_223443_000000352051_00144_23745_1689.N1	14-SEP-2006 22:34:43	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	23745	No
245	GOM_NL__2PRFIN20060914_224224_000000352051_00144_23745_1690.N1	14-SEP-2006 22:42:24	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	23745	No
246	GOM_NL__2PRFIN20060914_224940_000000372051_00144_23745_1691.N1	14-SEP-2006 22:49:40	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	23745	No
247	GOM_NL__2PRFIN20060914_225106_000000352051_00144_23745_1692.N1	14-SEP-2006 22:51:06	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	23745	No
248	GOM_NL__2PRFIN20060914_231552_000000422051_00144_23745_1693.N1	14-SEP-2006 23:15:52	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	23745	No
249	GOM_NL__2PRFIN20060914_232002_000000412051_00144_23745_1694.N1	14-SEP-2006 23:20:02	Dark	41.000	70	Zet Pup	2.2460	39000.	82	23745	No
250	GOM_NL__2PRFIN20060914_232440_000000442051_00144_23745_1695.N1	14-SEP-2006 23:24:40	Dark	44.000	41	Eps Car	1.8600	4100.0	88	23745	No
251	GOM_NL__2PRFIN20060914_232600_000000562051_00145_23746_1698.N1	14-SEP-2006 23:26:00	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	23746	No
252	GOM_NL__2PRFIN20060914_233517_000000392051_00145_23746_1699.N1	14-SEP-2006 23:35:17	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	23746	No
253	GOM_NL__2PRFIN20060914_234050_000000382051_00145_23746_1700.N1	14-SEP-2006 23:40:50	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	23746	No
254	GOM_NL__2PRFIN20060914_234433_000000422051_00145_23746_1701.N1	14-SEP-2006 23:44:33	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	23746	No
255	GOM_NL__2PRFIN20060914_234720_000000392051_00145_23746_1702.N1	14-SEP-2006 23:47:20	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	23746	No
256	GOM_NL__2PRFIN20060914_234845_000000412051_00145_23746_1703.N1	14-SEP-2006 23:48:45	Straylight	40.500	18	24Alp PsA	1.1660	9700.0	81	23746	No
257	GOM_NL__2PRFIN20060914_235317_000000412051_00145_23746_1704.N1	14-SEP-2006 23:53:17	Twl_and_stray	41.000	142	49Del Cap	2.8500	8900.0	82	23746	No
258	GOM_NL__2PRFIN20060914_235732_000000372051_00145_23746_1705.N1	14-SEP-2006 23:57:32	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	23746	No

3. Quality information per product

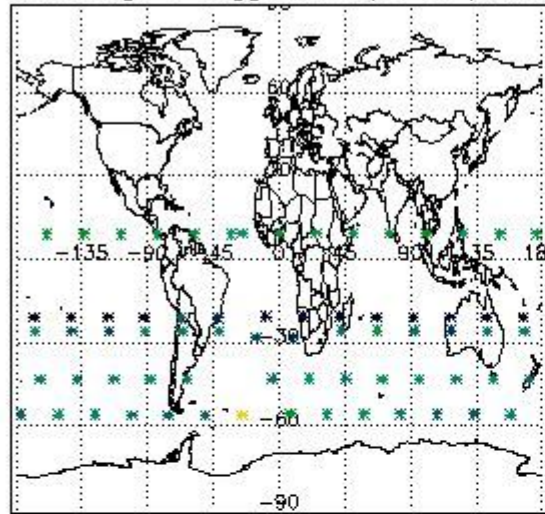
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

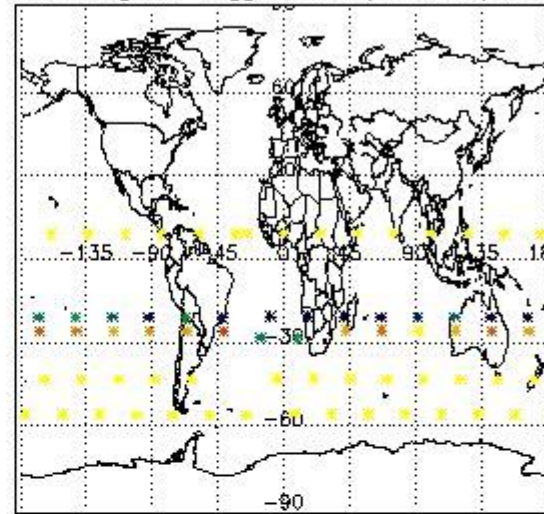


3.2 Plot quality information per product (world map)

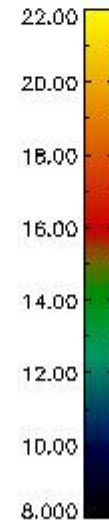
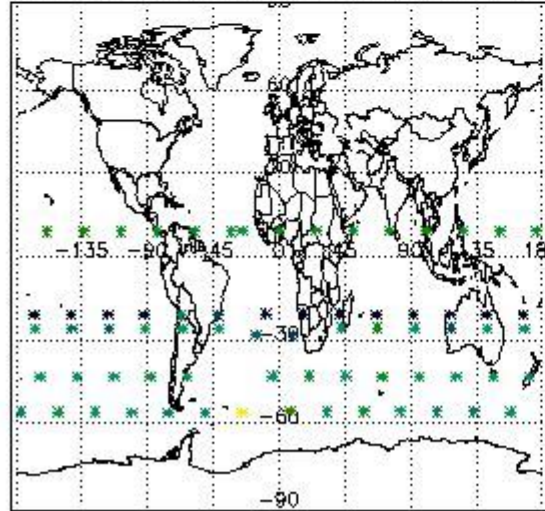
Percentage of flagged data per O3 profile



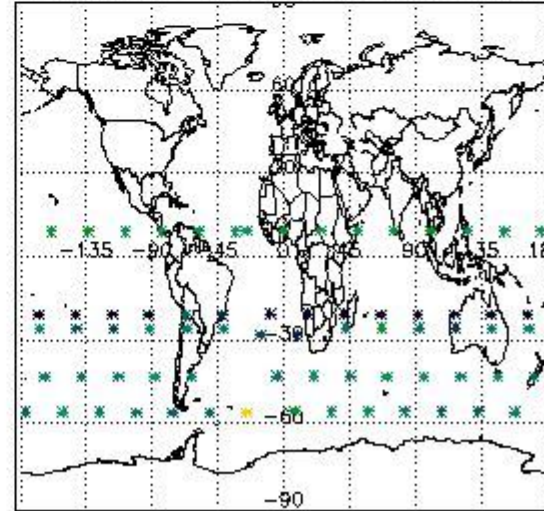
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

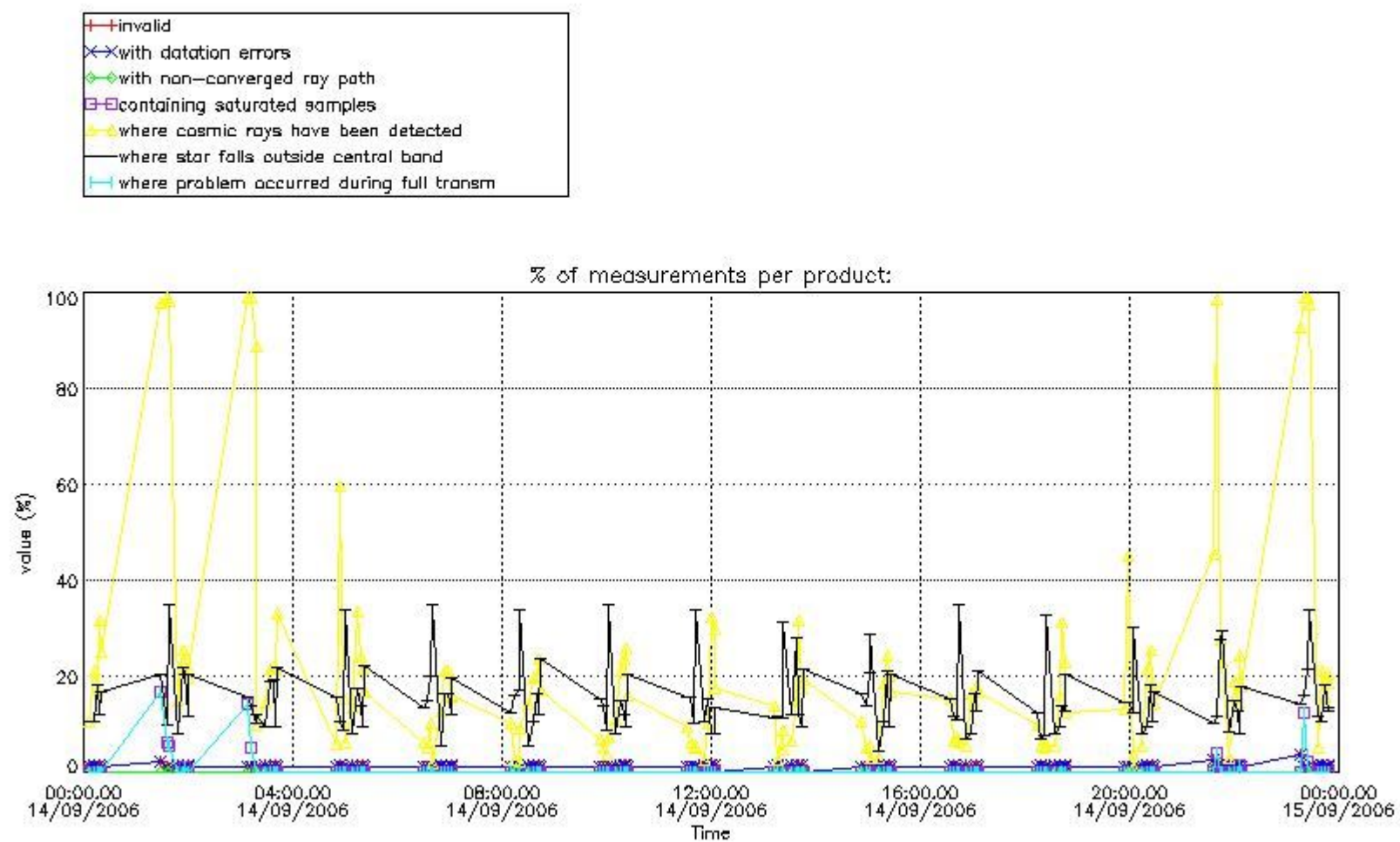


4. Level 1 quality information per product

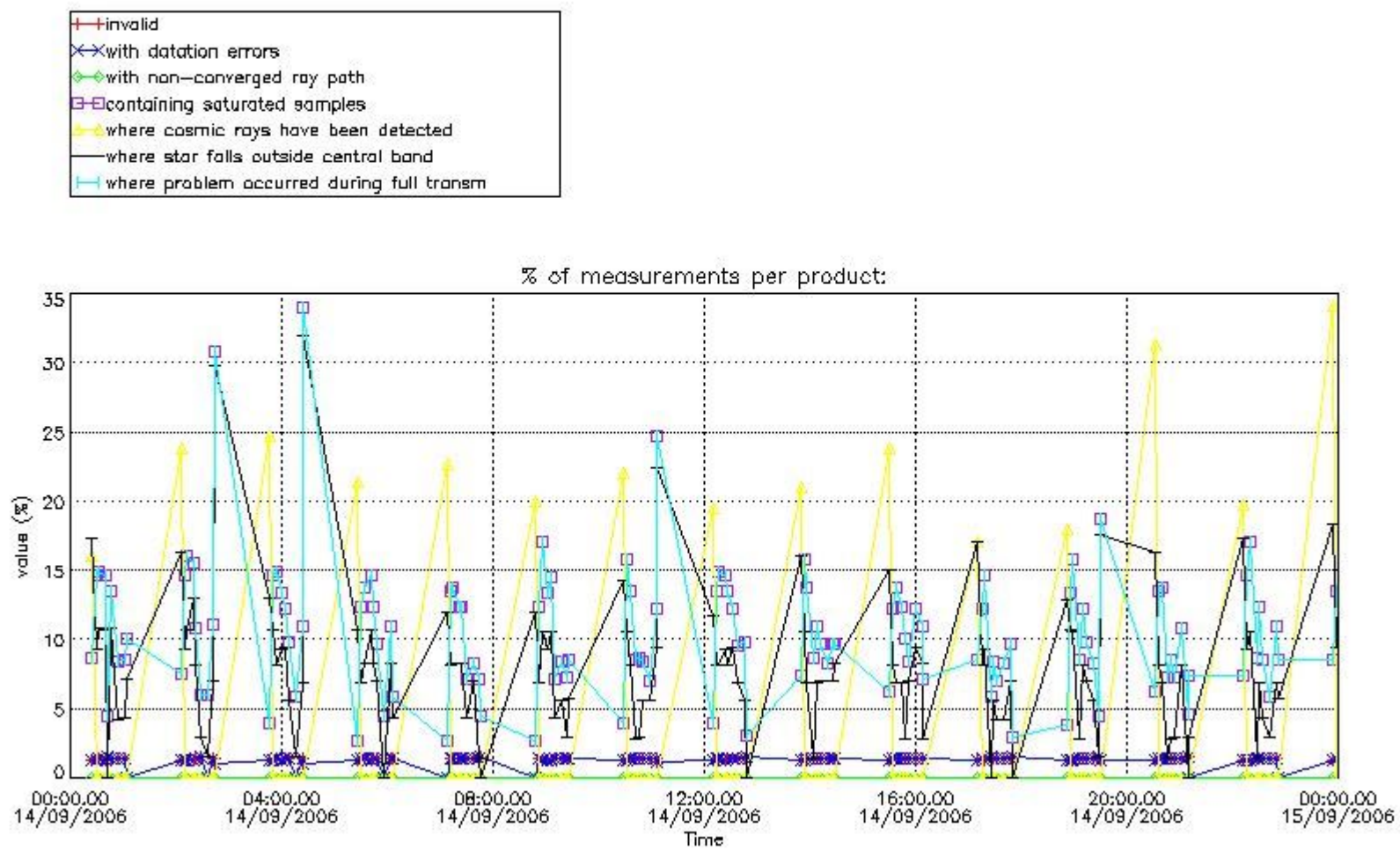
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



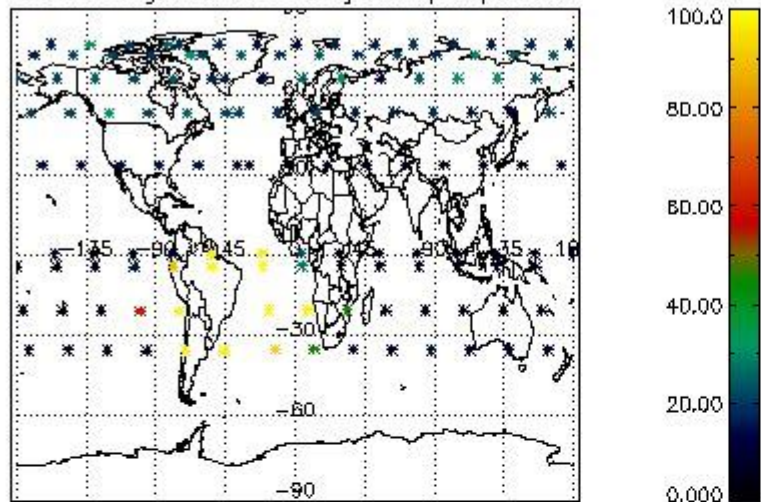
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



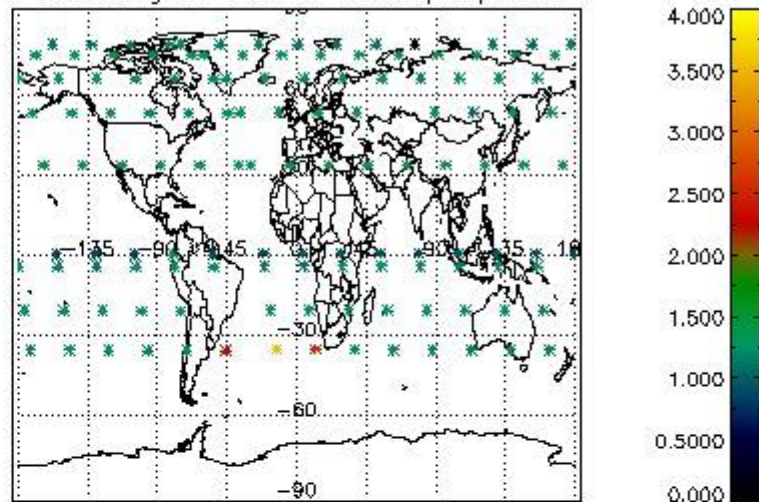
4.2 Plot quality information per product coming from level 1b processing (world map)

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

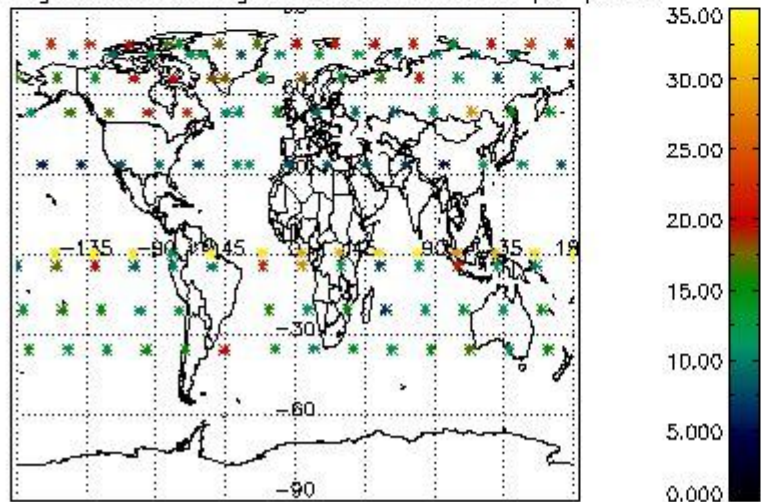
Percentage of cosmic ray hits per profile



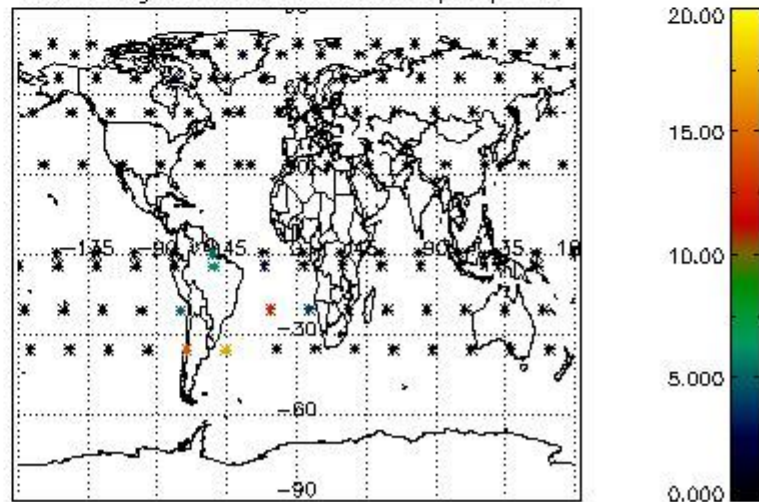
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

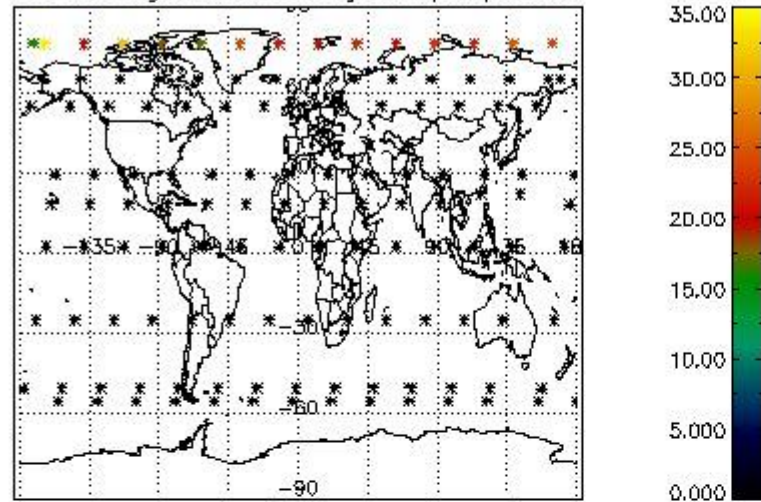


Percentage of saturation errors per profile

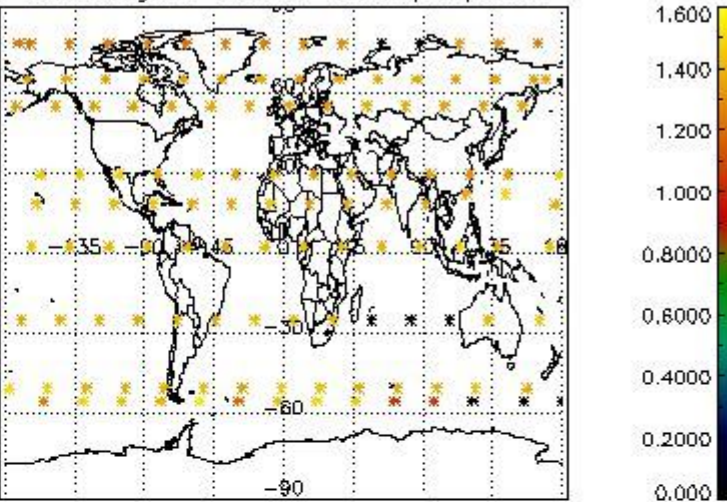


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

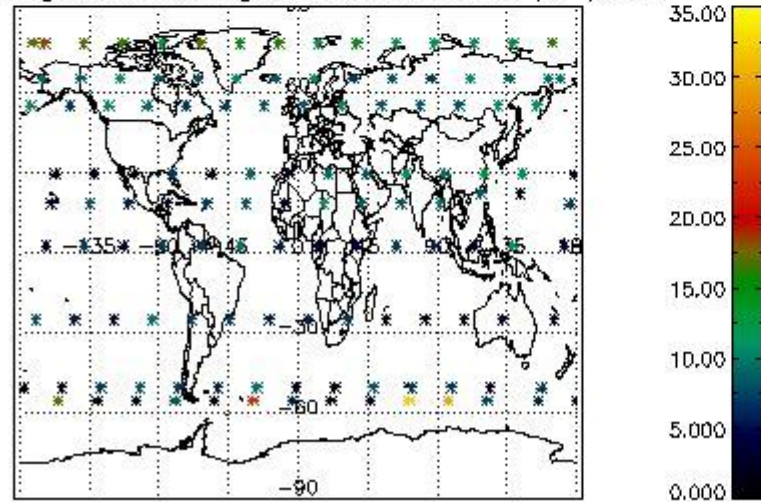
Percentage of cosmic ray hits per profile



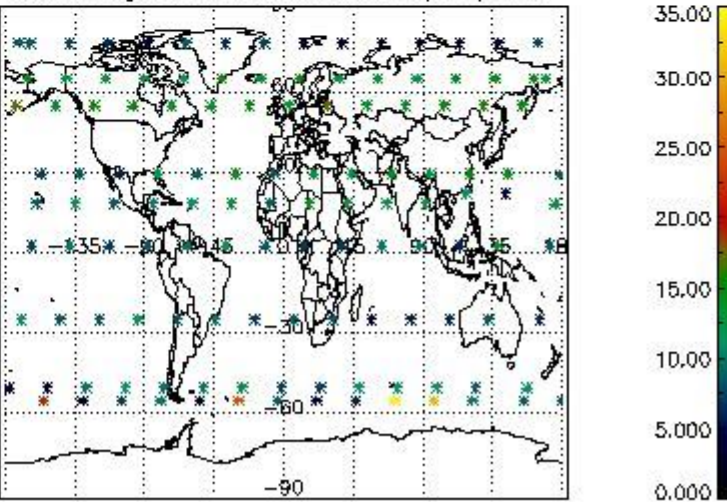
Percentage of datation errors per profile



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

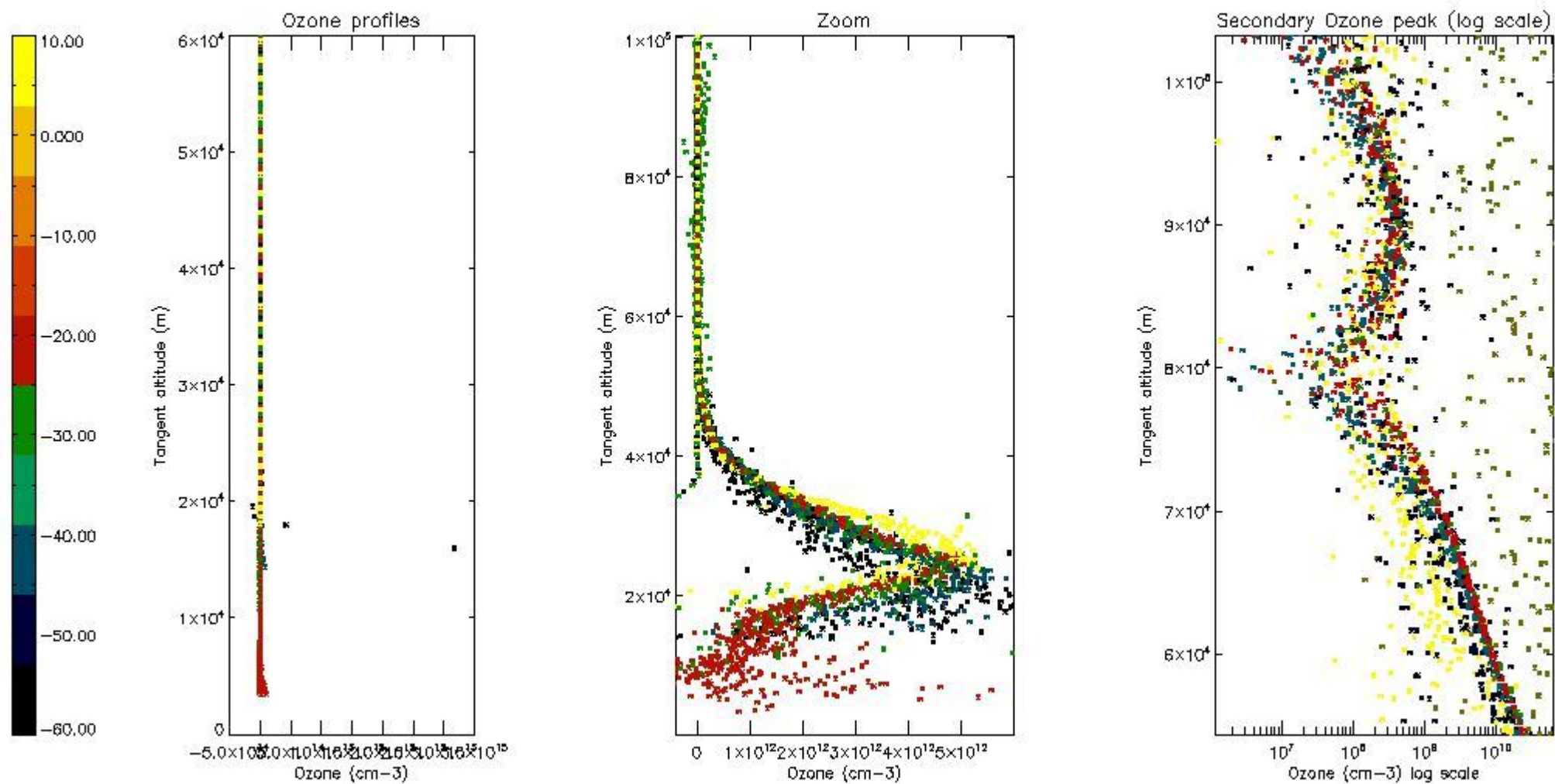
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	15

STD < 10	10
STD < 5	6

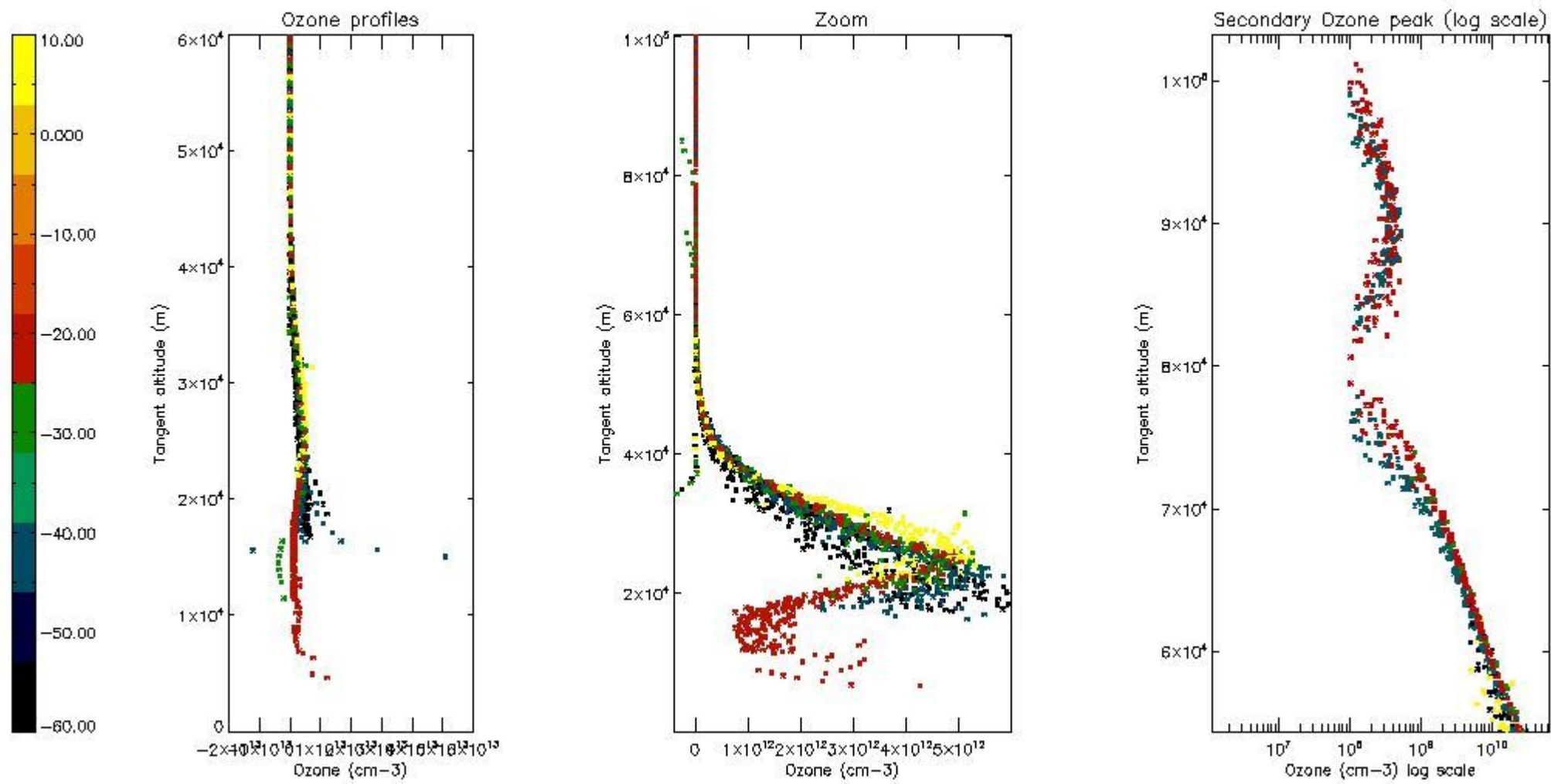
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



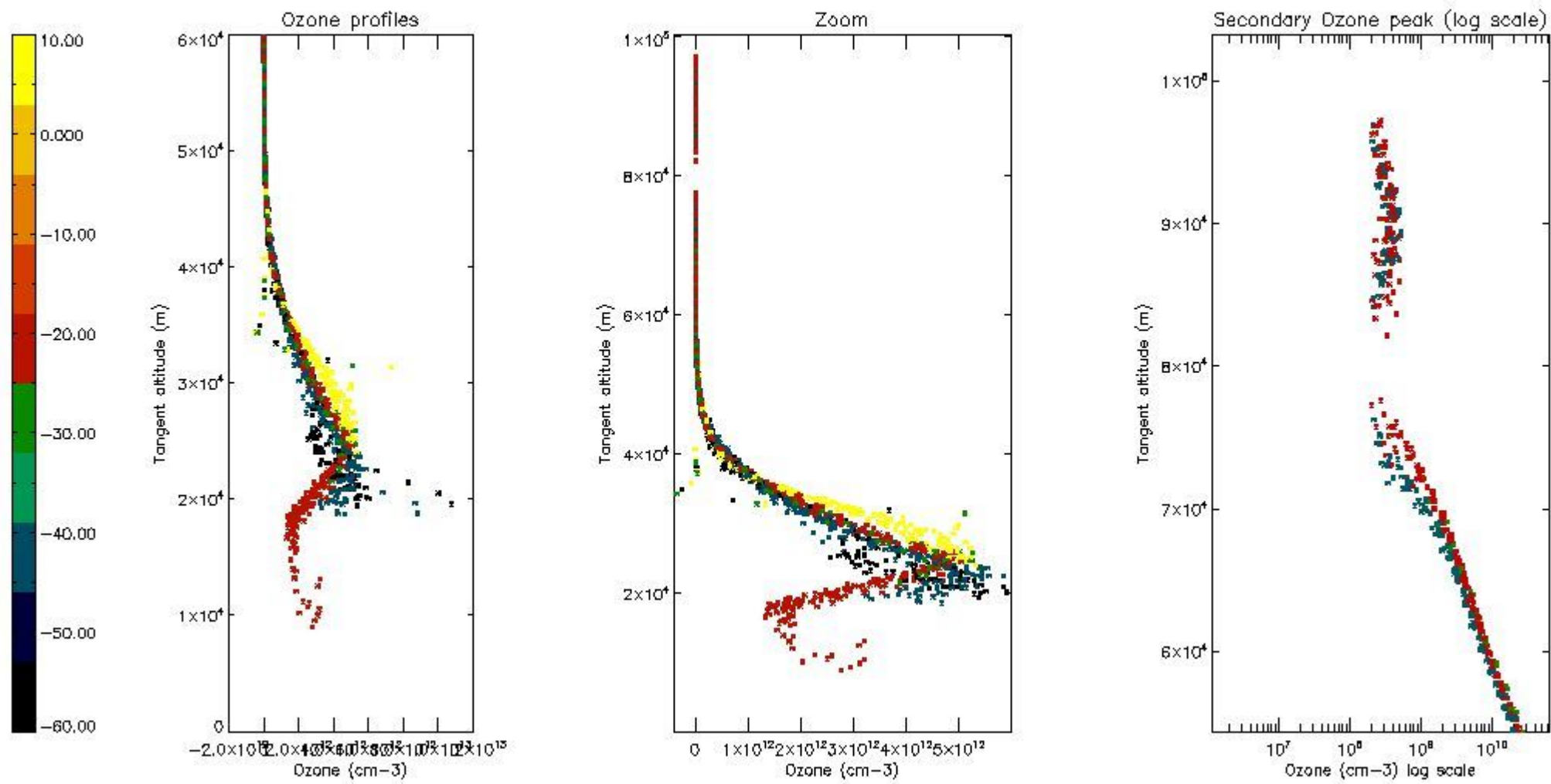
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



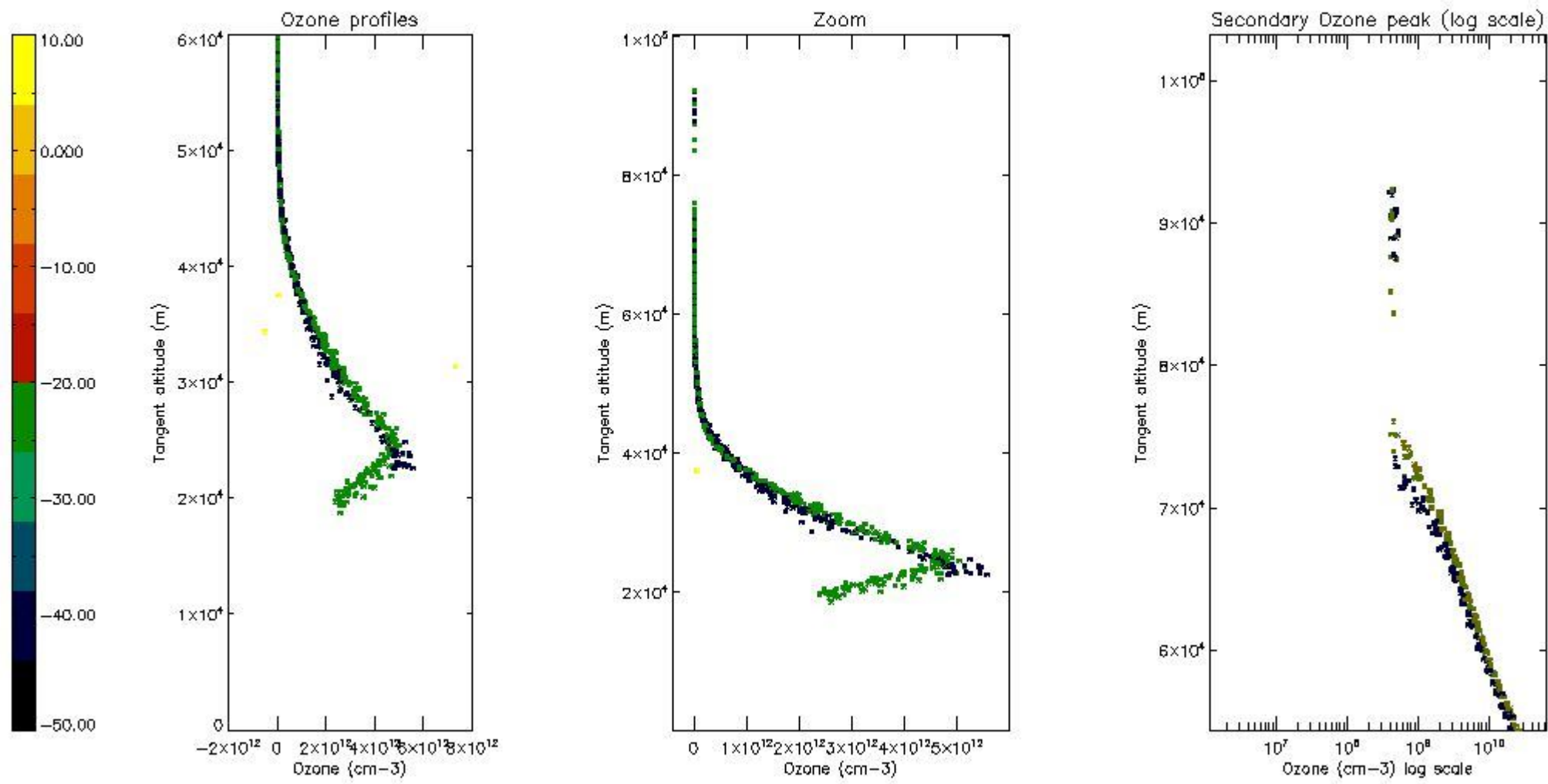
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



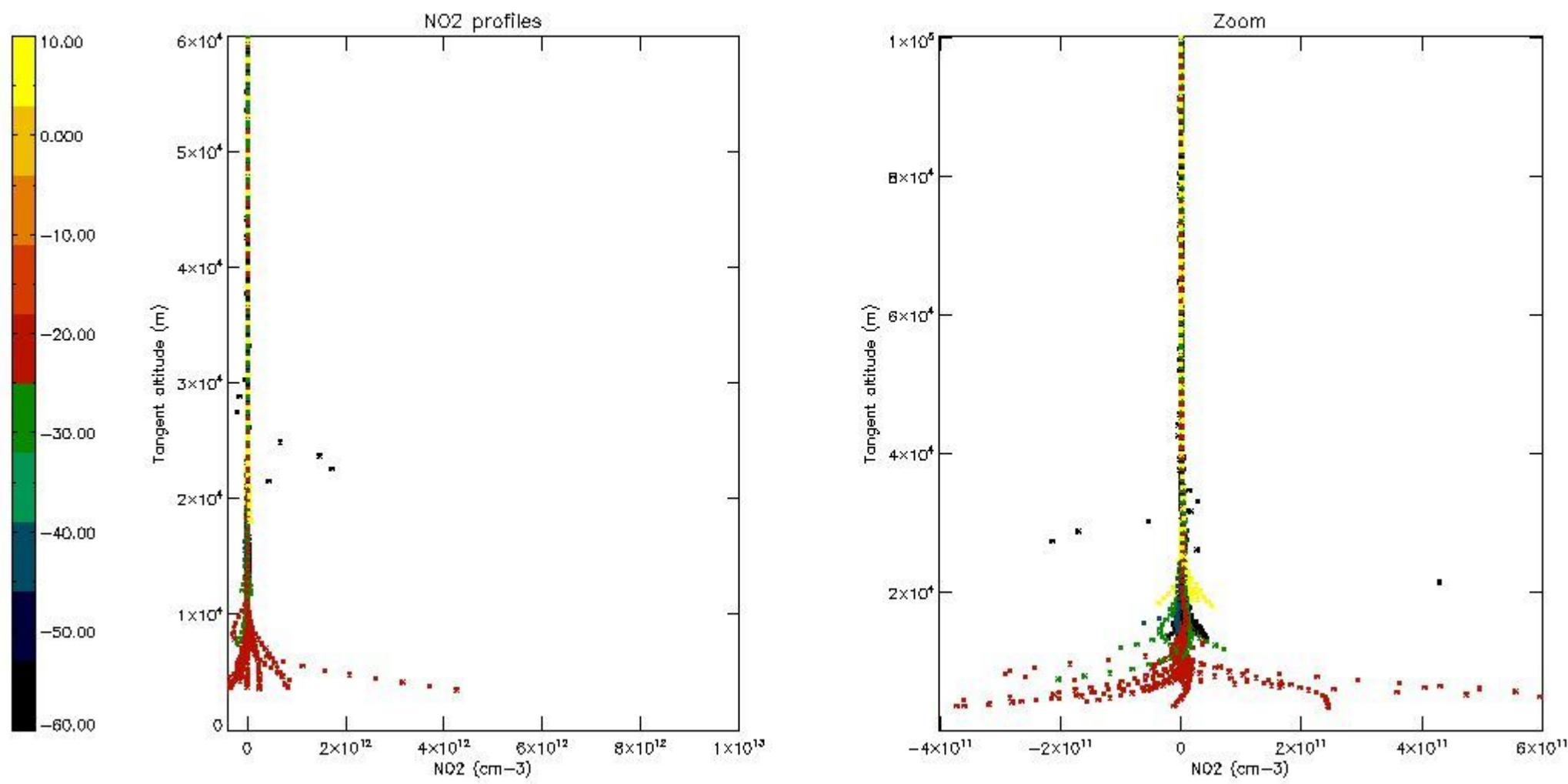
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



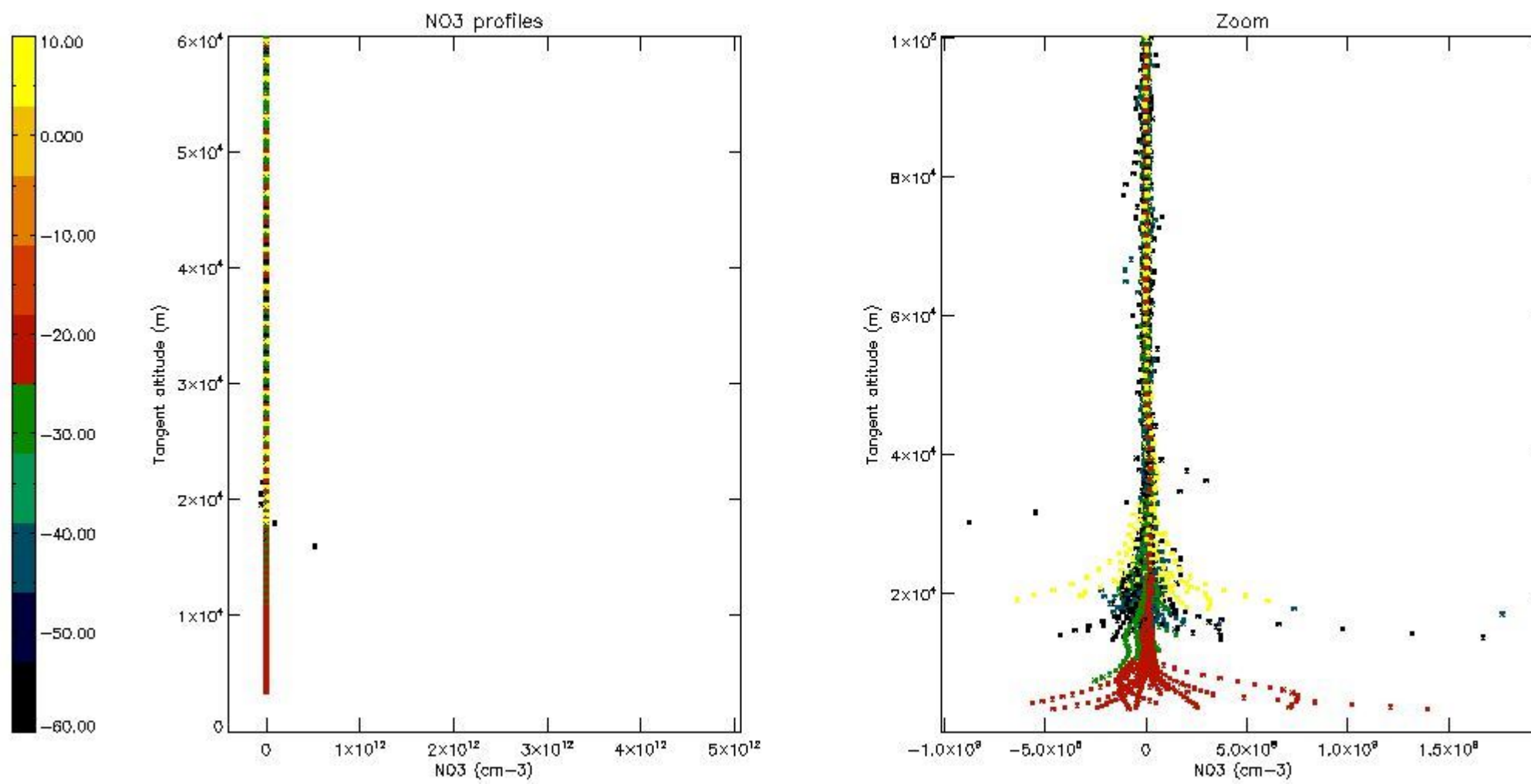
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



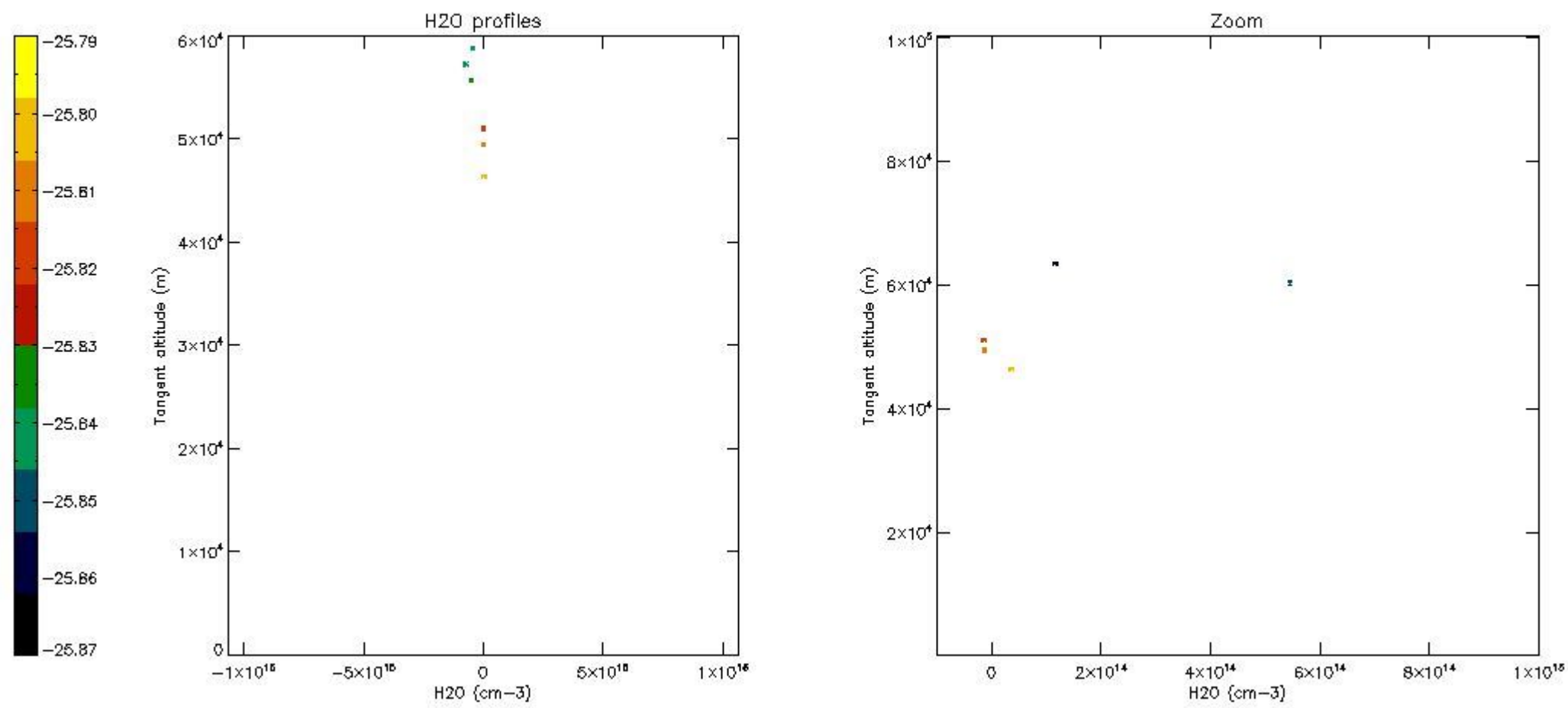
5.7 Plot NO3 profiles for all STD (dark without errors)

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	14-SEP-2006 00:06:51
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-SEP-2006 00:06:51
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-SEP-2006 00:06:51

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

[3.2 Plot of level 2 quality information per product \(world map\)](#)

[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](#)

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

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

[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	24APR2013 04:07:23
Data source version	GOMOS/6.01
Start time of products	14-09-2006 (14SEP2006 00:00:00)
Stop time of products	15-09-2006 (15SEP2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	258
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

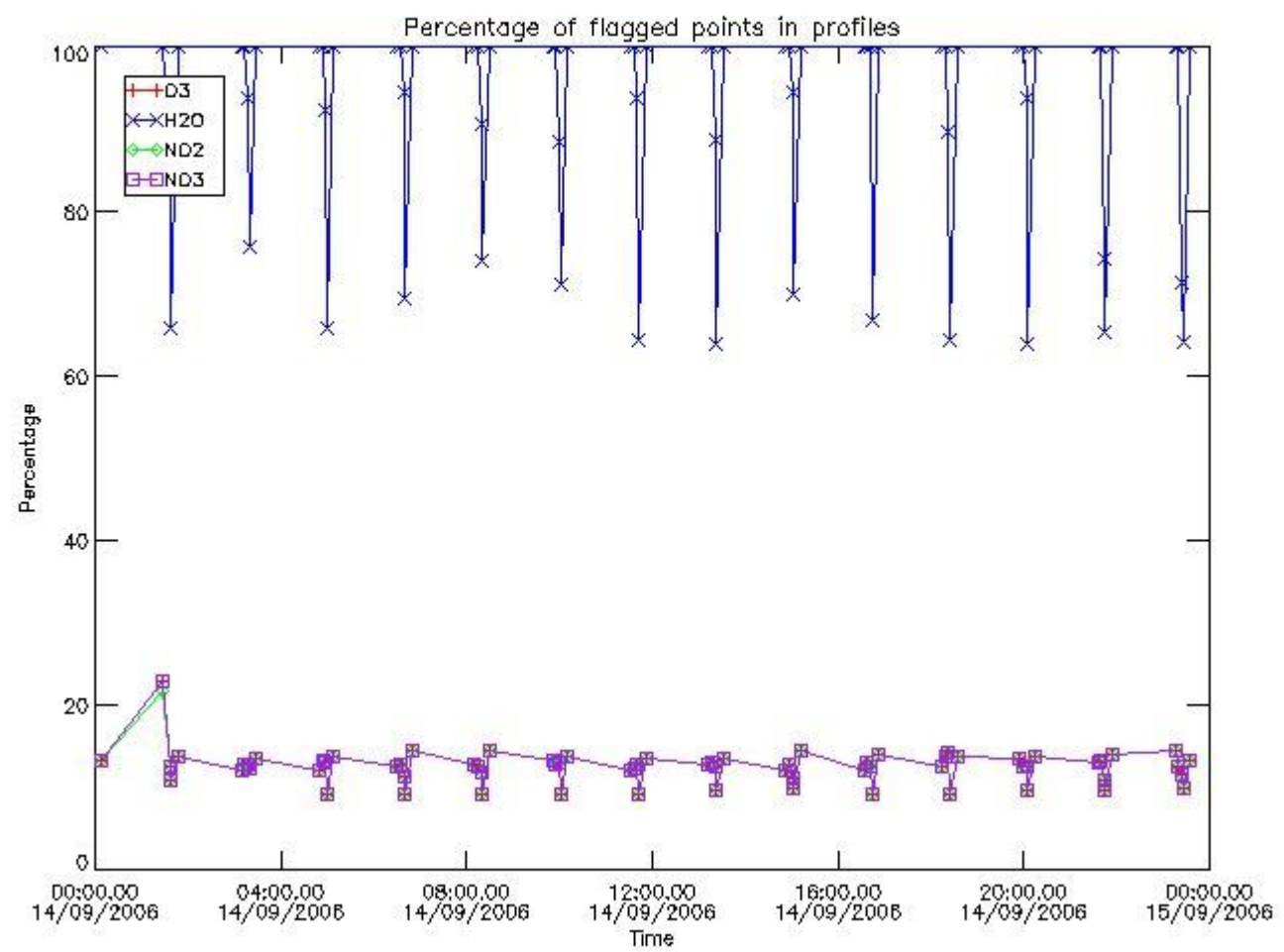
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20060914_000651_000000392051_00131_23732_1659.N1	14-SEP-2006 00:06:51	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	23732	No
2	GOM_NL__2PRFIN20060914_001224_000000382051_00131_23732_1660.N1	14-SEP-2006 00:12:24	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	23732	No
3	GOM_NL__2PRFIN20060914_001608_000000412051_00131_23732_1661.N1	14-SEP-2006 00:16:08	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	23732	No
4	GOM_NL__2PRFIN20060914_001855_000000382051_00131_23732_1662.N1	14-SEP-2006 00:18:55	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	23732	No
5	GOM_NL__2PRFIN20060914_002019_000000422051_00131_23732_1663.N1	14-SEP-2006 00:20:19	Straylight	42.000	18	24Alp PsA	1.1660	9700.0	84	23732	No
6	GOM_NL__2PRFIN20060914_002451_000000412051_00131_23732_1664.N1	14-SEP-2006 00:24:51	Tw_i_and_stray	40.500	142	49Del Cap	2.8500	8900.0	81	23732	No
7	GOM_NL__2PRFIN20060914_002907_000000382051_00131_23732_1665.N1	14-SEP-2006 00:29:07	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	23732	No
8	GOM_NL__2PRFIN20060914_003207_000000372051_00131_23732_1666.N1	14-SEP-2006 00:32:07	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	23732	No
9	GOM_NL__2PRFIN20060914_003921_000000382051_00131_23732_1667.N1	14-SEP-2006 00:39:21	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	23732	No
10	GOM_NL__2PRFIN20060914_004126_000000342051_00131_23732_1668.N1	14-SEP-2006 00:41:26	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	23732	No
11	GOM_NL__2PRFIN20060914_004655_000000372051_00131_23732_1669.N1	14-SEP-2006 00:46:55	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	23732	No
12	GOM_NL__2PRFIN20060914_005437_000000362051_00131_23732_1670.N1	14-SEP-2006 00:54:37	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	23732	No
13	GOM_NL__2PRFIN20060914_010150_000000352051_00131_23732_1671.N1	14-SEP-2006 01:01:50	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	23732	No
14	GOM_NL__2PRFIN20060914_010316_000000352051_00131_23732_1672.N1	14-SEP-2006 01:03:16	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	23732	No
15	GOM_NL__2PRFIN20060914_012759_000000452051_00131_23732_1673.N1	14-SEP-2006 01:27:59	Dark	44.500	132	15Rho Pup	2.8030	6900.0	89	23732	No
16	GOM_NL__2PRFIN20060914_013647_000000412051_00131_23732_1674.N1	14-SEP-2006 01:36:47	Dark	40.500	161	Tau Pup	2.9310	4500.0	81	23732	No
17	GOM_NL__2PRFIN20060914_013805_000000562051_00132_23733_1658.N1	14-SEP-2006 01:38:05	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	23733	No
18	GOM_NL__2PRFIN20060914_014727_000000372051_00132_23733_1659.N1	14-SEP-2006 01:47:27	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	23733	No
19	GOM_NL__2PRFIN20060914_015301_000000442051_00132_23733_1660.N1	14-SEP-2006 01:53:01	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	23733	No
20	GOM_NL__2PRFIN20060914_015644_000000422051_00132_23733_1661.N1	14-SEP-2006 01:56:44	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	23733	No
21	GOM_NL__2PRFIN20060914_015931_000000392051_00132_23733_1662.N1	14-SEP-2006 01:59:31	Straylight	38.500	172	Gam Gru	3.0030	13100.	77	23733	No
22	GOM_NL__2PRFIN20060914_020055_000000452051_00132_23733_1663.N1	14-SEP-2006 02:00:55	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	23733	No
23	GOM_NL__2PRFIN20060914_020527_000000402051_00132_23733_1664.N1	14-SEP-2006 02:05:27	Tw_i_and_stray	40.000	142	49Del Cap	2.8500	8900.0	80	23733	No
24	GOM_NL__2PRFIN20060914_020943_000000382051_00132_23733_1665.N1	14-SEP-2006 02:09:43	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	23733	No
25	GOM_NL__2PRFIN20060914_021243_000000382051_00132_23733_1666.N1	14-SEP-2006 02:12:43	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	23733	No
26	GOM_NL__2PRFIN20060914_021957_000000392051_00132_23733_1667.N1	14-SEP-2006 02:19:57	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	23733	No
27	GOM_NL__2PRFIN20060914_022202_000000372051_00132_23733_1668.N1	14-SEP-2006 02:22:02	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	23733	No
28	GOM_NL__2PRFIN20060914_022731_000000342051_00132_23733_1669.N1	14-SEP-2006 02:27:31	Bright	33.500	89	5Alp Cep	2.4510	8000.0	67	23733	No
29	GOM_NL__2PRFIN20060914_023512_000000342051_00132_23733_1670.N1	14-SEP-2006 02:35:12	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	23733	No
30	GOM_NL__2PRFIN20060914_024226_000000362051_00132_23733_1671.N1	14-SEP-2006 02:42:26	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	23733	No
31	GOM_NL__2PRFIN20060914_024352_000000472051_00132_23733_1672.N1	14-SEP-2006 02:43:52	Bright	47.000	82	48Bet UMa	2.3650	10600.	94	23733	No
32	GOM_NL__2PRFIN20060914_030836_000000422051_00132_23733_1673.N1	14-SEP-2006 03:08:36	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	23733	No
33	GOM_NL__2PRFIN20060914_031246_000000402051_00132_23733_1674.N1	14-SEP-2006 03:12:46	Dark	40.000	70	Zet Pup	2.2460	39000.	80	23733	No
34	GOM_NL__2PRFIN20060914_031724_000000402051_00132_23733_1675.N1	14-SEP-2006 03:17:24	Dark	40.000	161	Tau Pup	2.9310	4500.0	80	23733	No
35	GOM_NL__2PRFIN20060914_031842_000000422051_00133_23734_1658.N1	14-SEP-2006 03:18:42	Dark	41.500	2	Alp Car	-0.73600	7000.0	83	23734	No
36	GOM_NL__2PRFIN20060914_032803_000000382051_00133_23734_1659.N1	14-SEP-2006 03:28:03	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	23734	No
37	GOM_NL__2PRFIN20060914_033337_000000422051_00133_23734_1660.N1	14-SEP-2006 03:33:37	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	23734	No
38	GOM_NL__2PRFIN20060914_033720_000000422051_00133_23734_1661.N1	14-SEP-2006 03:37:20	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	23734	No
39	GOM_NL__2PRFIN20060914_034007_000000382051_00133_23734_1662.N1	14-SEP-2006 03:40:07	Straylight	37.500	172	Gam Gru	3.0030	13100.	75	23734	No
40	GOM_NL__2PRFIN20060914_034131_000000462051_00133_23734_1663.N1	14-SEP-2006 03:41:31	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	23734	No
41	GOM_NL__2PRFIN20060914_034604_000000392051_00133_23734_1664.N1	14-SEP-2006 03:46:04	Tw_i_and_stray	38.500	142	49Del Cap	2.8500	8900.0	77	23734	No
42	GOM_NL__2PRFIN20060914_035019_000000382051_00133_23734_1665.N1	14-SEP-2006 03:50:19	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	23734	No

220	GOM_NL__2PRFIN20060914_202733_000000422051_00143_23744_1683.N1	14-SEP-2006 20:27:33	Straylight	42.000	18	24Alp PsA	1.1660	9700.0	84	23744	No
221	GOM_NL__2PRFIN20060914_203205_000000402051_00143_23744_1684.N1	14-SEP-2006 20:32:05	Twl_and_stray	40.000	142	49Del Cap	2.8500	8900.0	80	23744	No
222	GOM_NL__2PRFIN20060914_203620_000000372051_00143_23744_1685.N1	14-SEP-2006 20:36:20	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	23744	No
223	GOM_NL__2PRFIN20060914_203919_000000372051_00143_23744_1686.N1	14-SEP-2006 20:39:19	Bright	36.500	61	8Eps Peg	2.1000	3900.0	73	23744	No
224	GOM_NL__2PRFIN20060914_204635_000000352051_00143_23744_1687.N1	14-SEP-2006 20:46:35	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	23744	No
225	GOM_NL__2PRFIN20060914_204941_000000352051_00143_23744_1688.N1	14-SEP-2006 20:49:41	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	23744	No
226	GOM_NL__2PRFIN20060914_205407_000000352051_00143_23744_1689.N1	14-SEP-2006 20:54:07	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	23744	No
227	GOM_NL__2PRFIN20060914_210148_000000372051_00143_23744_1690.N1	14-SEP-2006 21:01:48	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	23744	No
228	GOM_NL__2PRFIN20060914_210904_000000332051_00143_23744_1691.N1	14-SEP-2006 21:09:04	Bright	33.000	36	50Alp UMa	1.8000	6300.0	66	23744	No
229	GOM_NL__2PRFIN20060914_211030_000000342051_00143_23744_1692.N1	14-SEP-2006 21:10:30	Bright	34.000	82	48Bet UMa	2.3650	10600.	68	23744	No
230	GOM_NL__2PRFIN20060914_213516_000000402051_00143_23744_1693.N1	14-SEP-2006 21:35:16	Dark	39.500	132	15Rho Pup	2.8030	6900.0	79	23744	No
231	GOM_NL__2PRFIN20060914_213926_000000392051_00143_23744_1694.N1	14-SEP-2006 21:39:26	Dark	38.500	70	Zet Pup	2.2460	39000.	77	23744	No
232	GOM_NL__2PRFIN20060914_214404_000000472051_00143_23744_1695.N1	14-SEP-2006 21:44:04	Dark	47.000	41	Eps Car	1.8600	4100.0	94	23744	No
233	GOM_NL__2PRFIN20060914_214524_000000532051_00144_23745_1678.N1	14-SEP-2006 21:45:24	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	23745	No
234	GOM_NL__2PRFIN20060914_215440_000000372051_00144_23745_1679.N1	14-SEP-2006 21:54:40	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	23745	No
235	GOM_NL__2PRFIN20060914_220014_000000402051_00144_23745_1680.N1	14-SEP-2006 22:00:14	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	23745	No
236	GOM_NL__2PRFIN20060914_220357_000000392051_00144_23745_1681.N1	14-SEP-2006 22:03:57	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	23745	No
237	GOM_NL__2PRFIN20060914_220644_000000372051_00144_23745_1682.N1	14-SEP-2006 22:06:44	Straylight	37.000	172	Gam Gru	3.0030	13100.	74	23745	No
238	GOM_NL__2PRFIN20060914_220809_000000432051_00144_23745_1683.N1	14-SEP-2006 22:08:09	Straylight	42.500	18	24Alp PsA	1.1660	9700.0	85	23745	No
239	GOM_NL__2PRFIN20060914_221241_000000412051_00144_23745_1684.N1	14-SEP-2006 22:12:41	Twl_and_stray	40.500	142	49Del Cap	2.8500	8900.0	81	23745	No
240	GOM_NL__2PRFIN20060914_221656_000000382051_00144_23745_1685.N1	14-SEP-2006 22:16:56	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	23745	No
241	GOM_NL__2PRFIN20060914_221955_000000382051_00144_23745_1686.N1	14-SEP-2006 22:19:55	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	23745	No
242	GOM_NL__2PRFIN20060914_222711_000000352051_00144_23745_1687.N1	14-SEP-2006 22:27:11	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	23745	No
243	GOM_NL__2PRFIN20060914_223017_000000372051_00144_23745_1688.N1	14-SEP-2006 22:30:17	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	23745	No
244	GOM_NL__2PRFIN20060914_223443_000000352051_00144_23745_1689.N1	14-SEP-2006 22:34:43	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	23745	No
245	GOM_NL__2PRFIN20060914_224224_000000352051_00144_23745_1690.N1	14-SEP-2006 22:42:24	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	23745	No
246	GOM_NL__2PRFIN20060914_224940_000000372051_00144_23745_1691.N1	14-SEP-2006 22:49:40	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	23745	No
247	GOM_NL__2PRFIN20060914_225106_000000352051_00144_23745_1692.N1	14-SEP-2006 22:51:06	Bright	35.000	82	48Bet UMa	2.3650	10600.	70	23745	No
248	GOM_NL__2PRFIN20060914_231552_000000422051_00144_23745_1693.N1	14-SEP-2006 23:15:52	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	23745	No
249	GOM_NL__2PRFIN20060914_232002_000000412051_00144_23745_1694.N1	14-SEP-2006 23:20:02	Dark	41.000	70	Zet Pup	2.2460	39000.	82	23745	No
250	GOM_NL__2PRFIN20060914_232440_000000442051_00144_23745_1695.N1	14-SEP-2006 23:24:40	Dark	44.000	41	Eps Car	1.8600	4100.0	88	23745	No
251	GOM_NL__2PRFIN20060914_232600_000000562051_00145_23746_1698.N1	14-SEP-2006 23:26:00	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	23746	No
252	GOM_NL__2PRFIN20060914_233517_000000392051_00145_23746_1699.N1	14-SEP-2006 23:35:17	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	23746	No
253	GOM_NL__2PRFIN20060914_234050_000000382051_00145_23746_1700.N1	14-SEP-2006 23:40:50	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	23746	No
254	GOM_NL__2PRFIN20060914_234433_000000422051_00145_23746_1701.N1	14-SEP-2006 23:44:33	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	23746	No
255	GOM_NL__2PRFIN20060914_234720_000000392051_00145_23746_1702.N1	14-SEP-2006 23:47:20	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	23746	No
256	GOM_NL__2PRFIN20060914_234845_000000412051_00145_23746_1703.N1	14-SEP-2006 23:48:45	Straylight	40.500	18	24Alp PsA	1.1660	9700.0	81	23746	No
257	GOM_NL__2PRFIN20060914_235317_000000412051_00145_23746_1704.N1	14-SEP-2006 23:53:17	Twl_and_stray	41.000	142	49Del Cap	2.8500	8900.0	82	23746	No
258	GOM_NL__2PRFIN20060914_235732_000000372051_00145_23746_1705.N1	14-SEP-2006 23:57:32	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	23746	No

3. Quality information per product

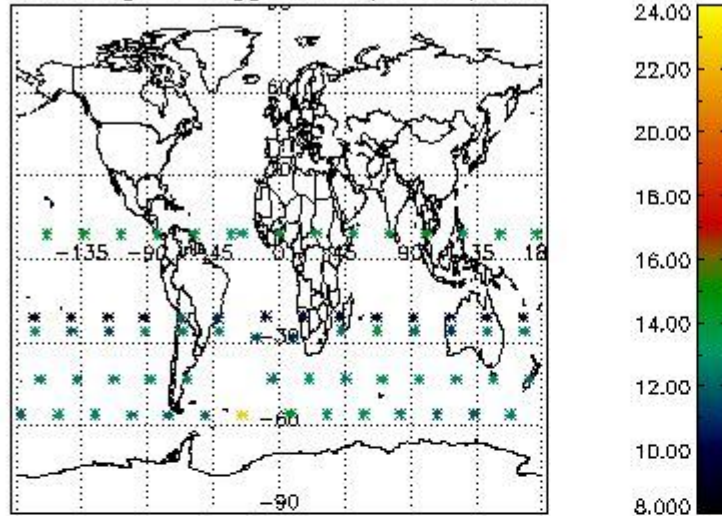
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

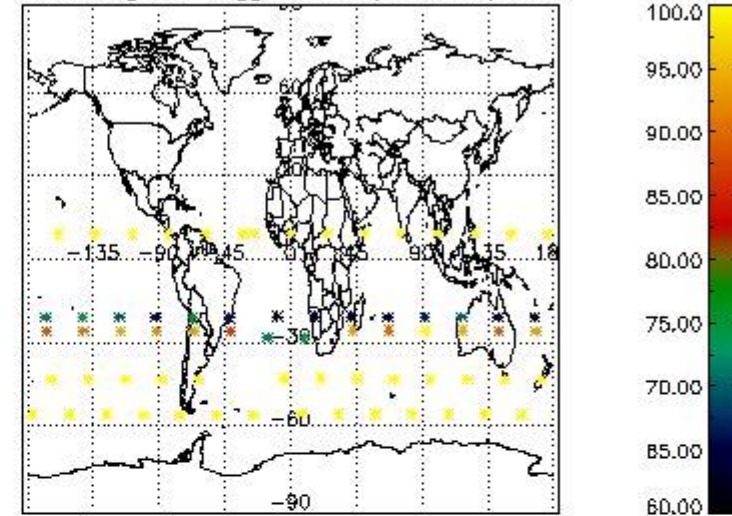


3.2 Plot quality information per product (world map)

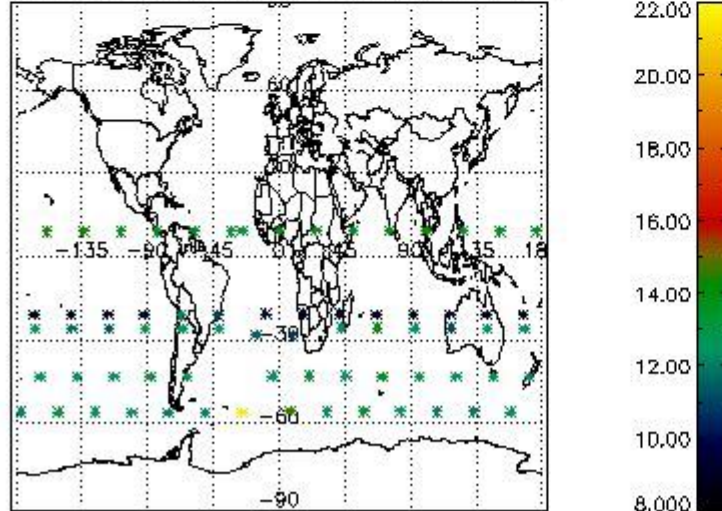
Percentage of flagged data per O3 profile



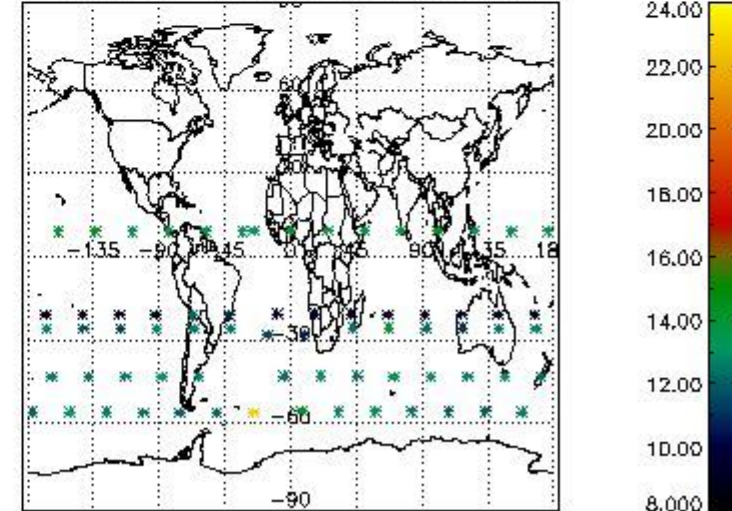
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

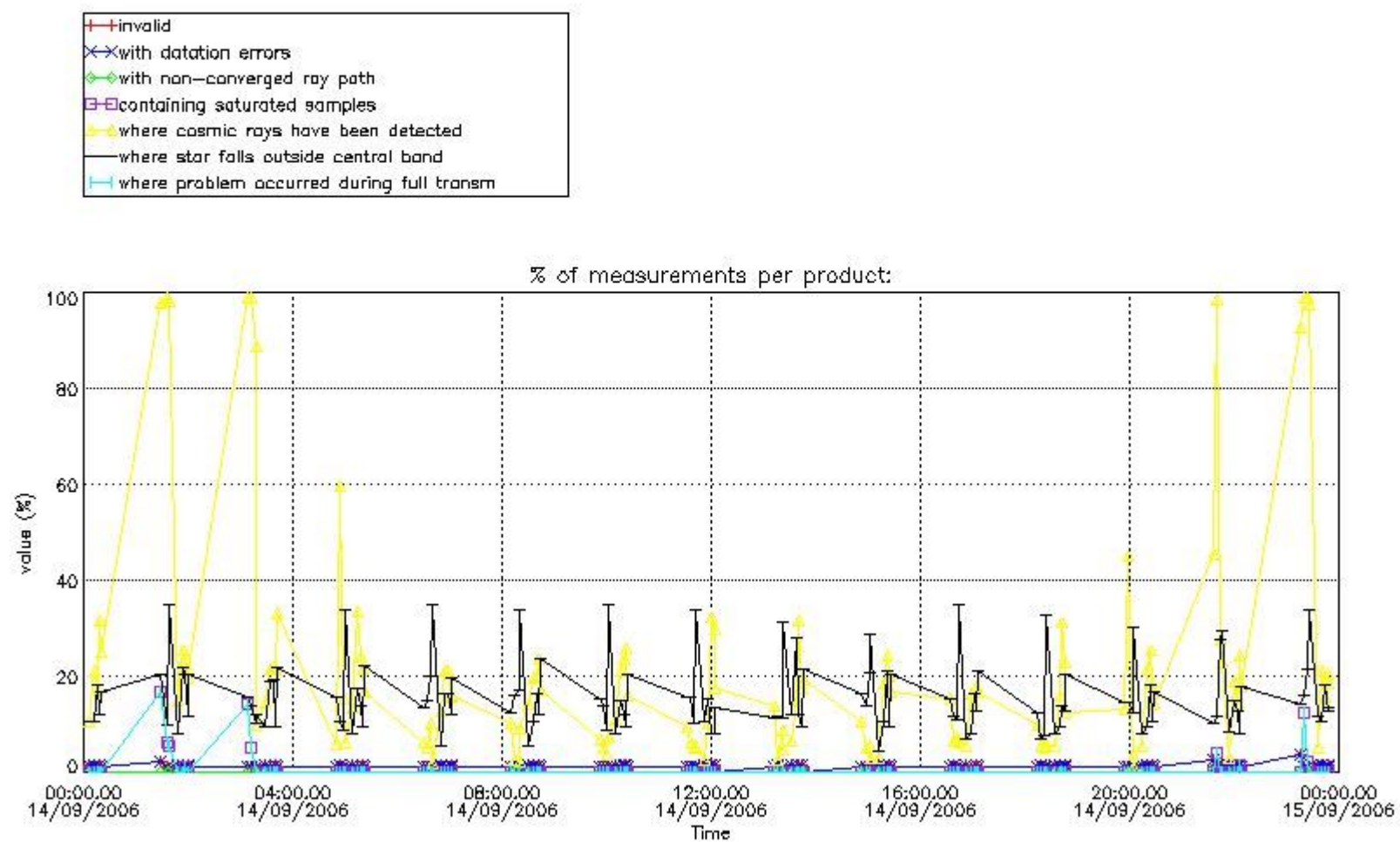


4. Level 1 quality information per product

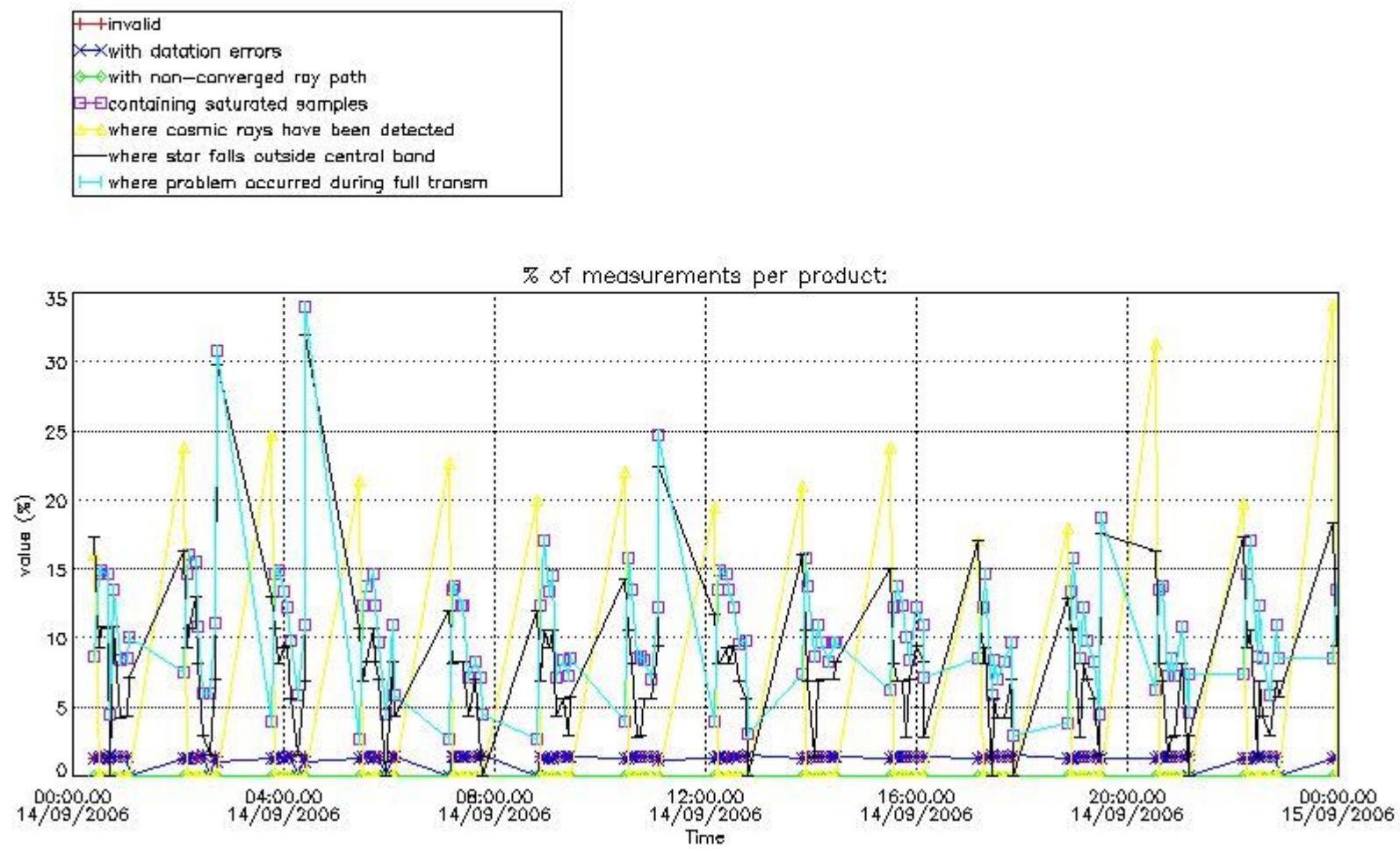
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



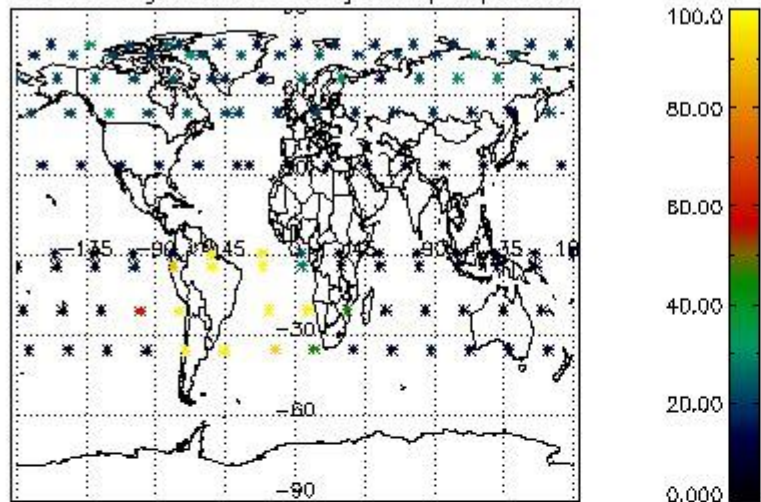
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



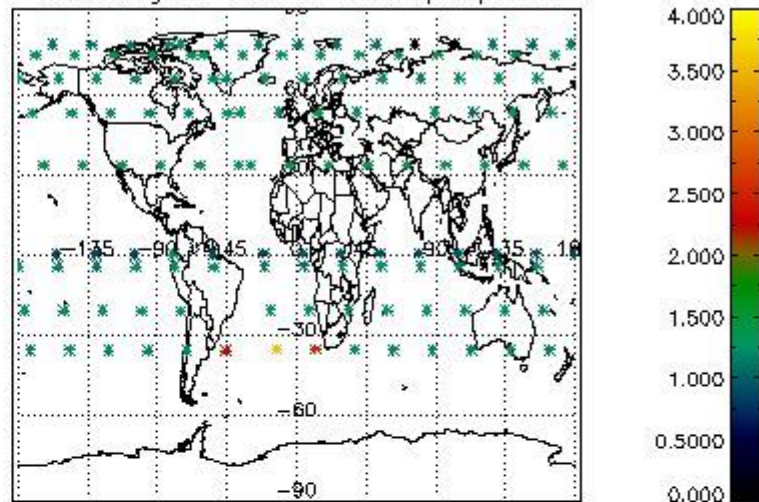
4.2 Plot quality information per product coming from level 1b processing (world map)

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

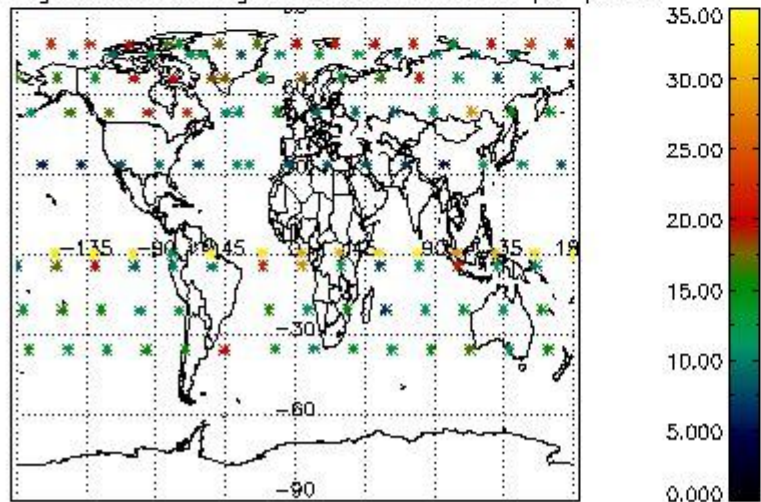
Percentage of cosmic ray hits per profile



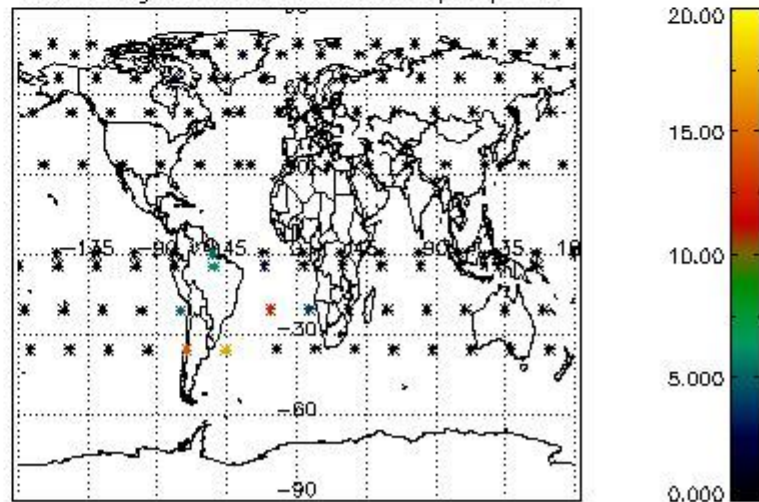
Percentage of datation errors per profile



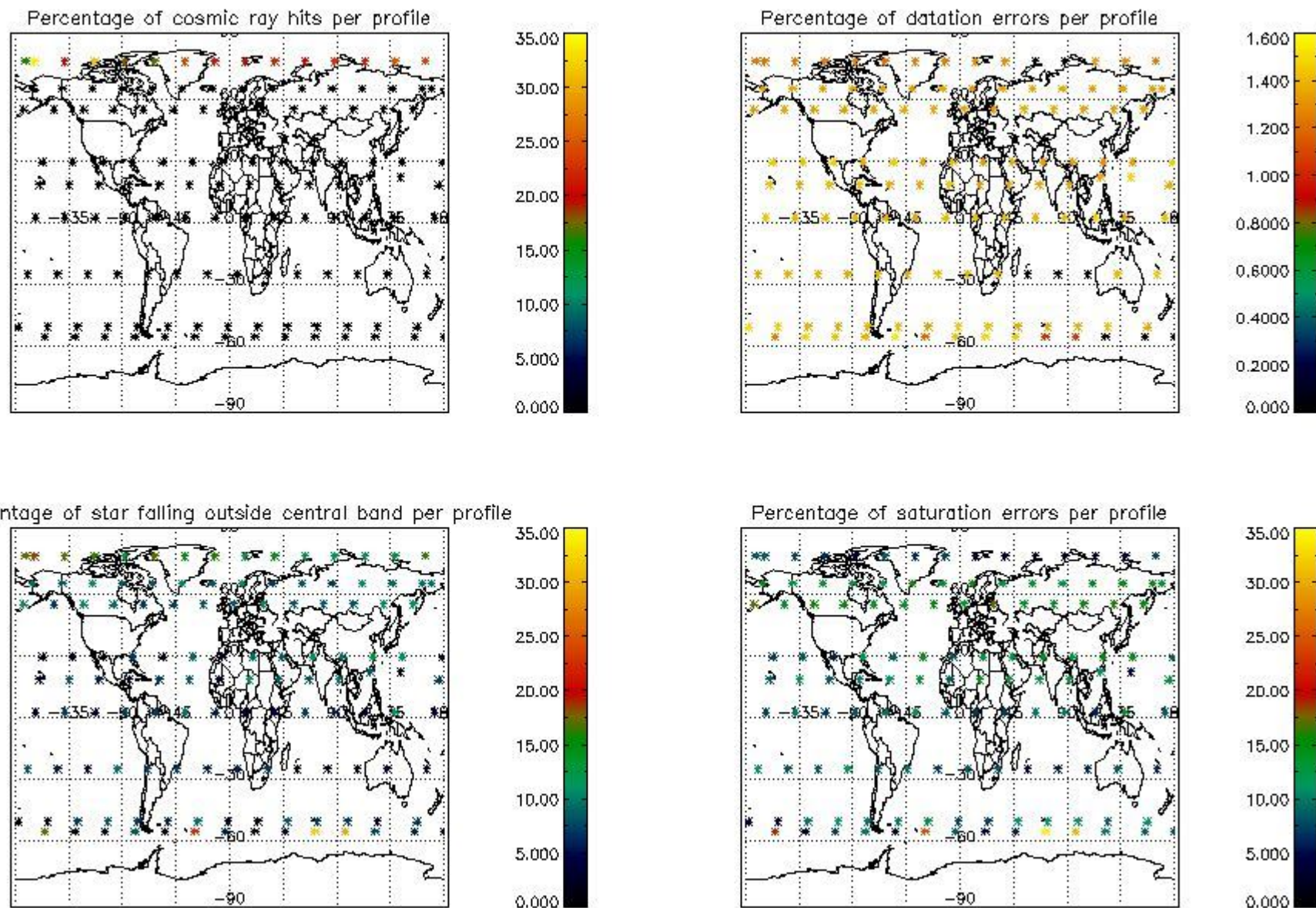
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

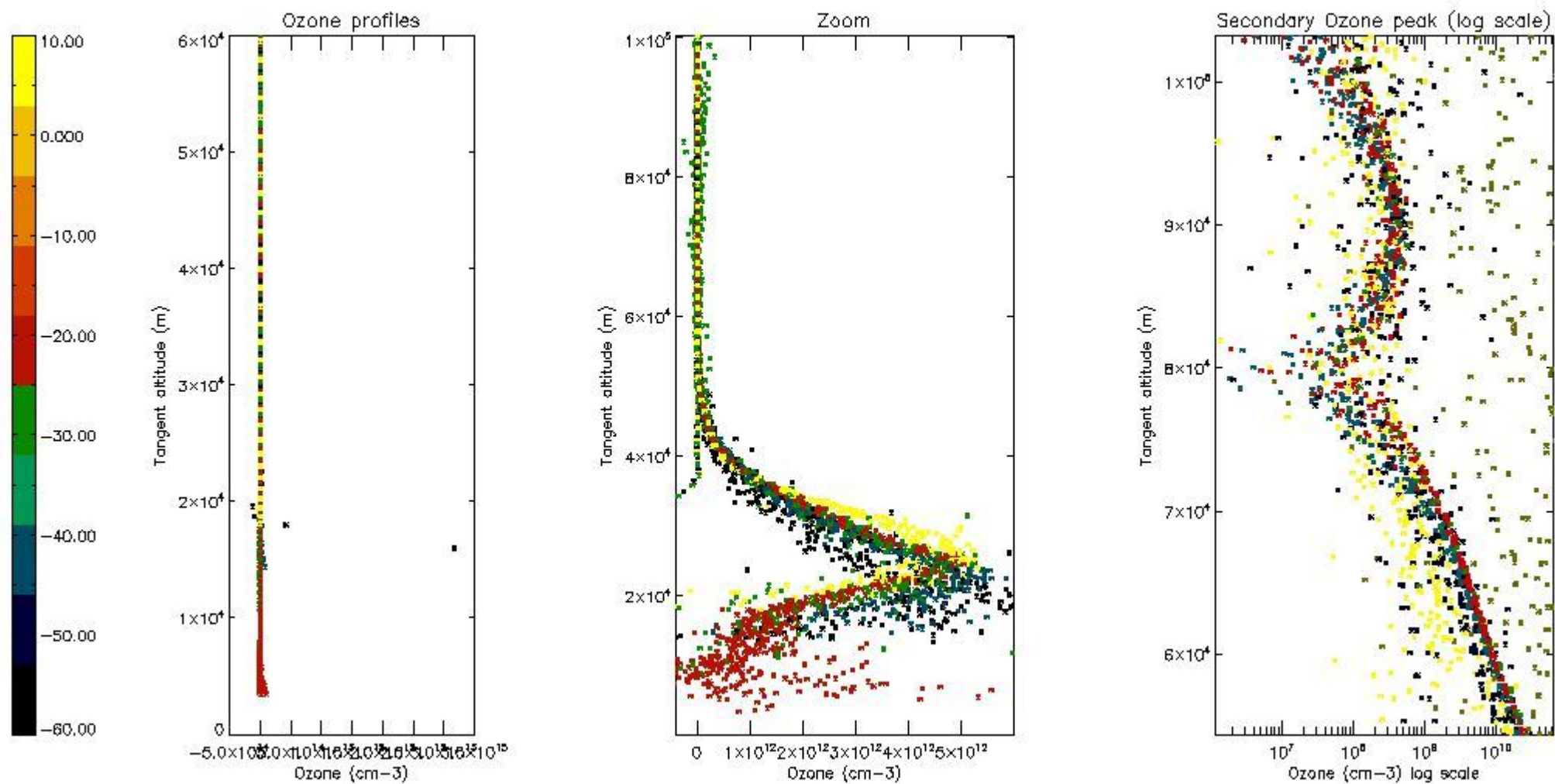
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	15

STD < 10	10
STD < 5	6

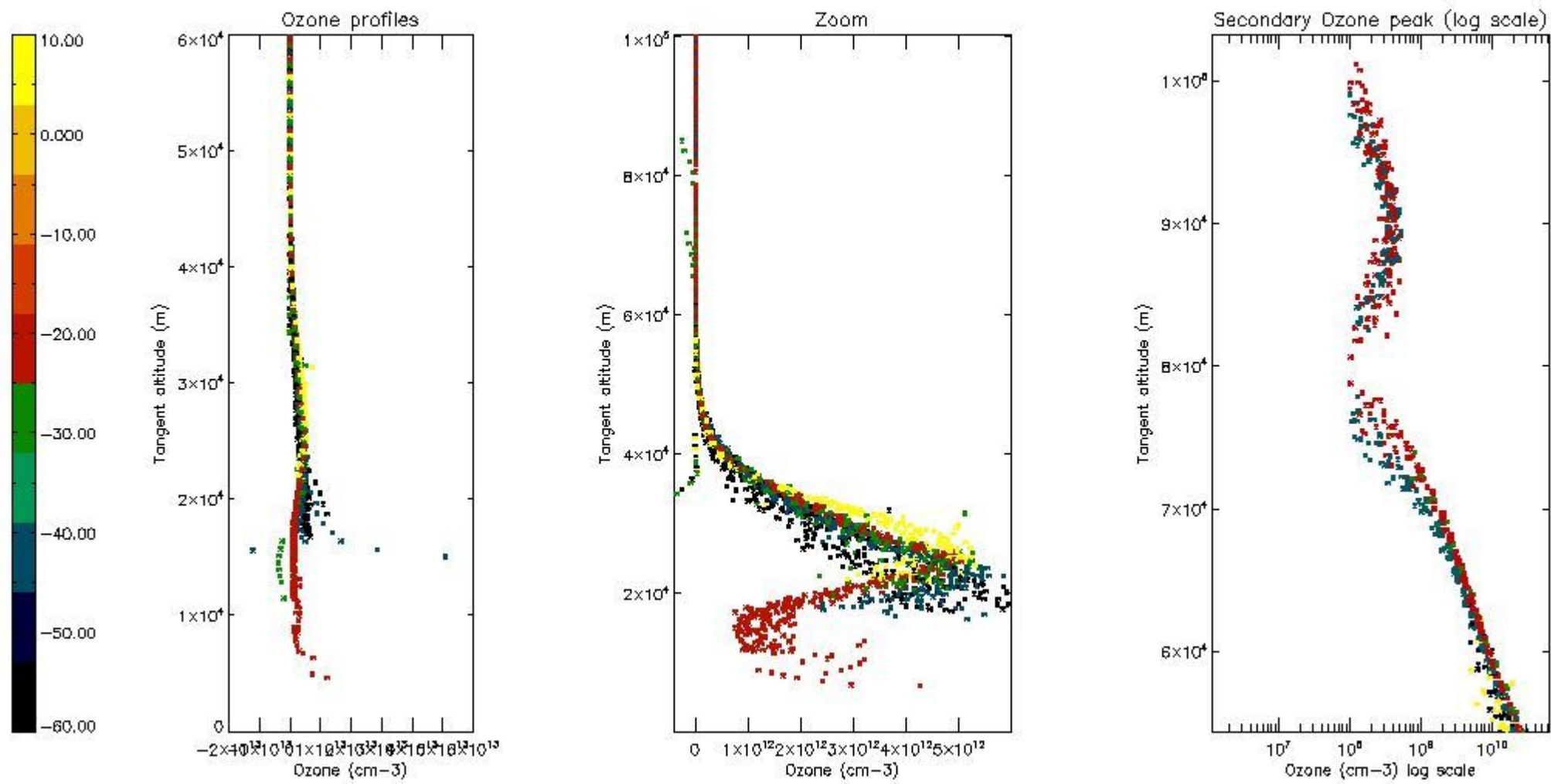
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



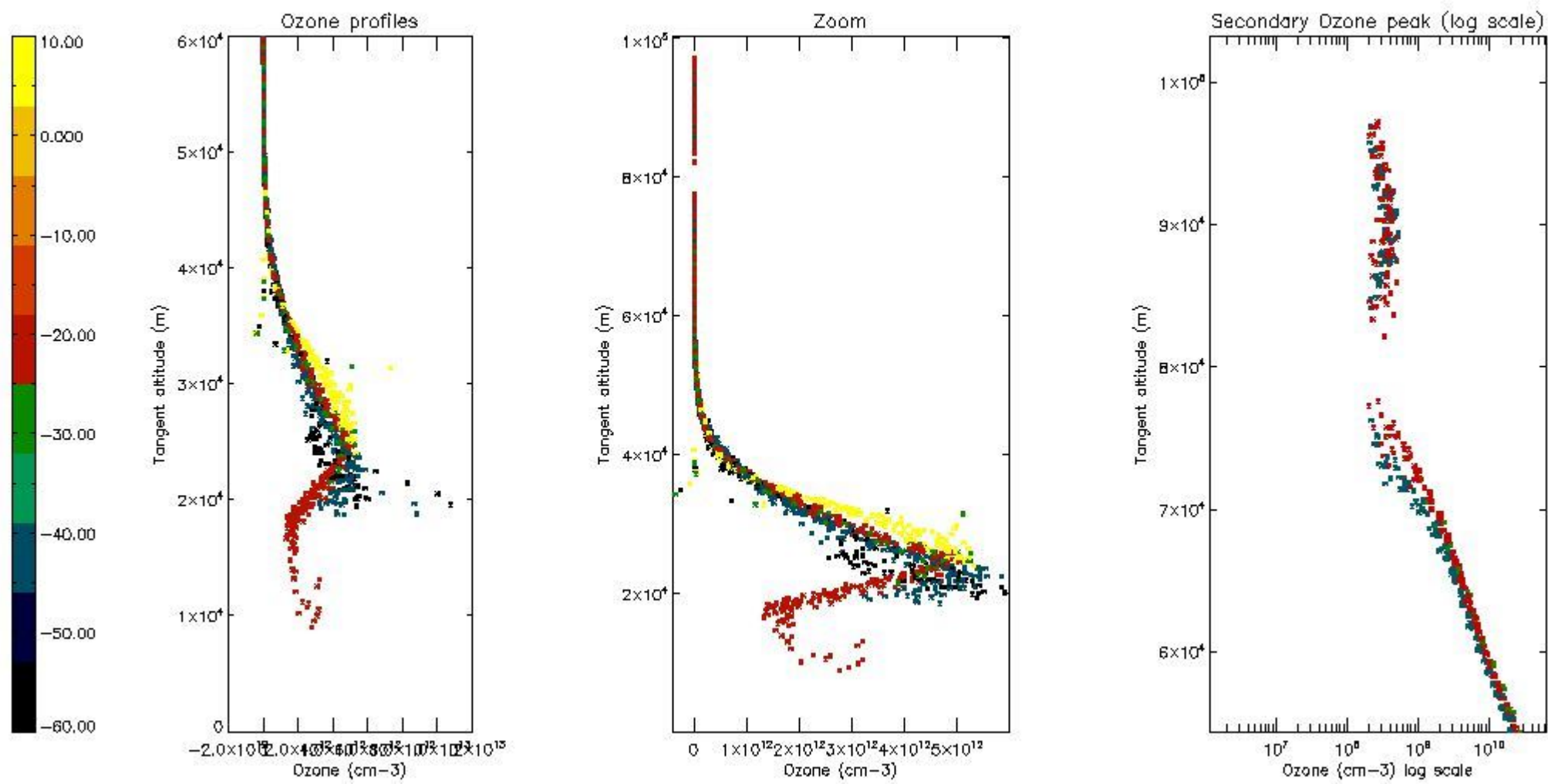
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



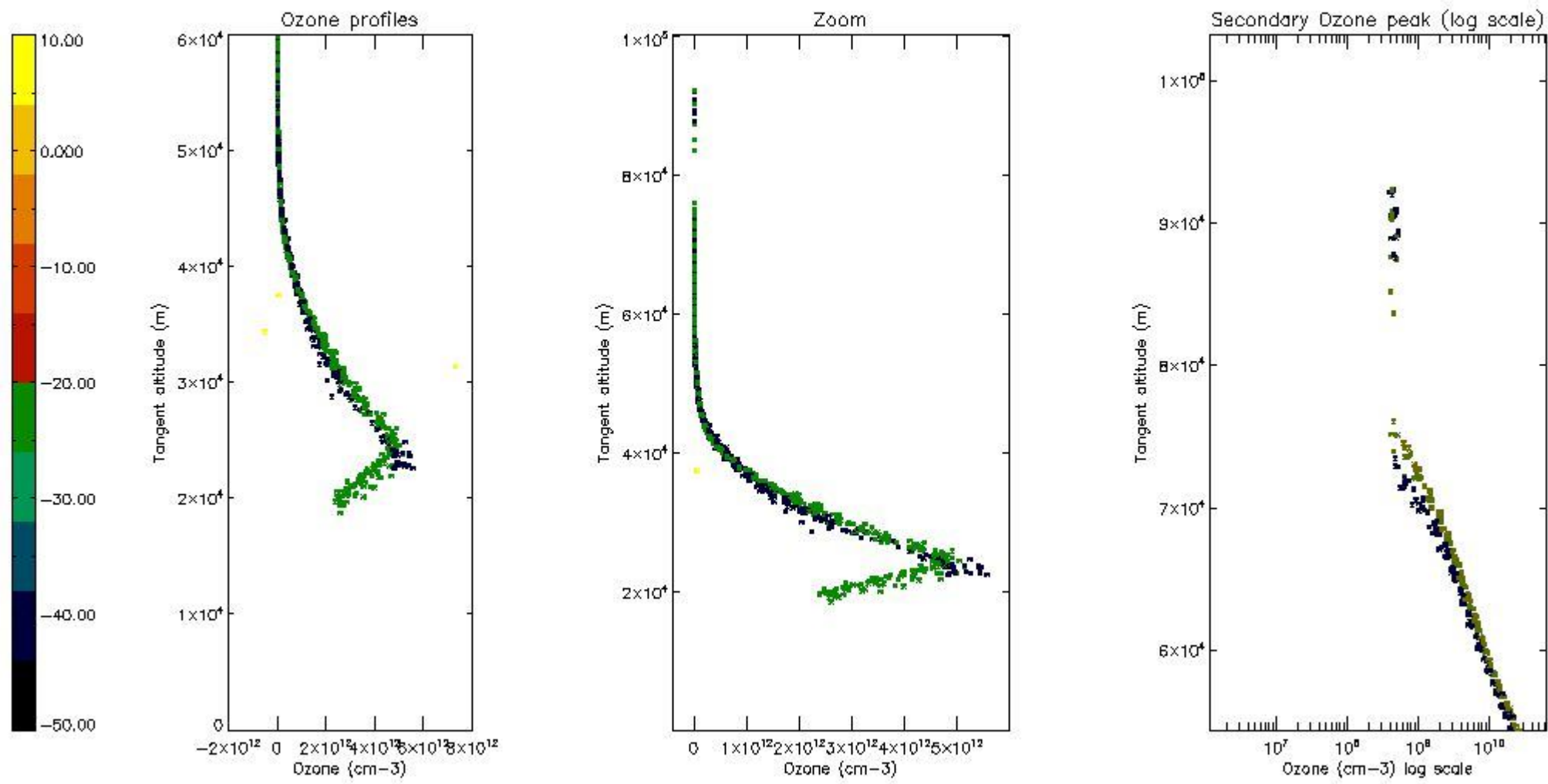
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



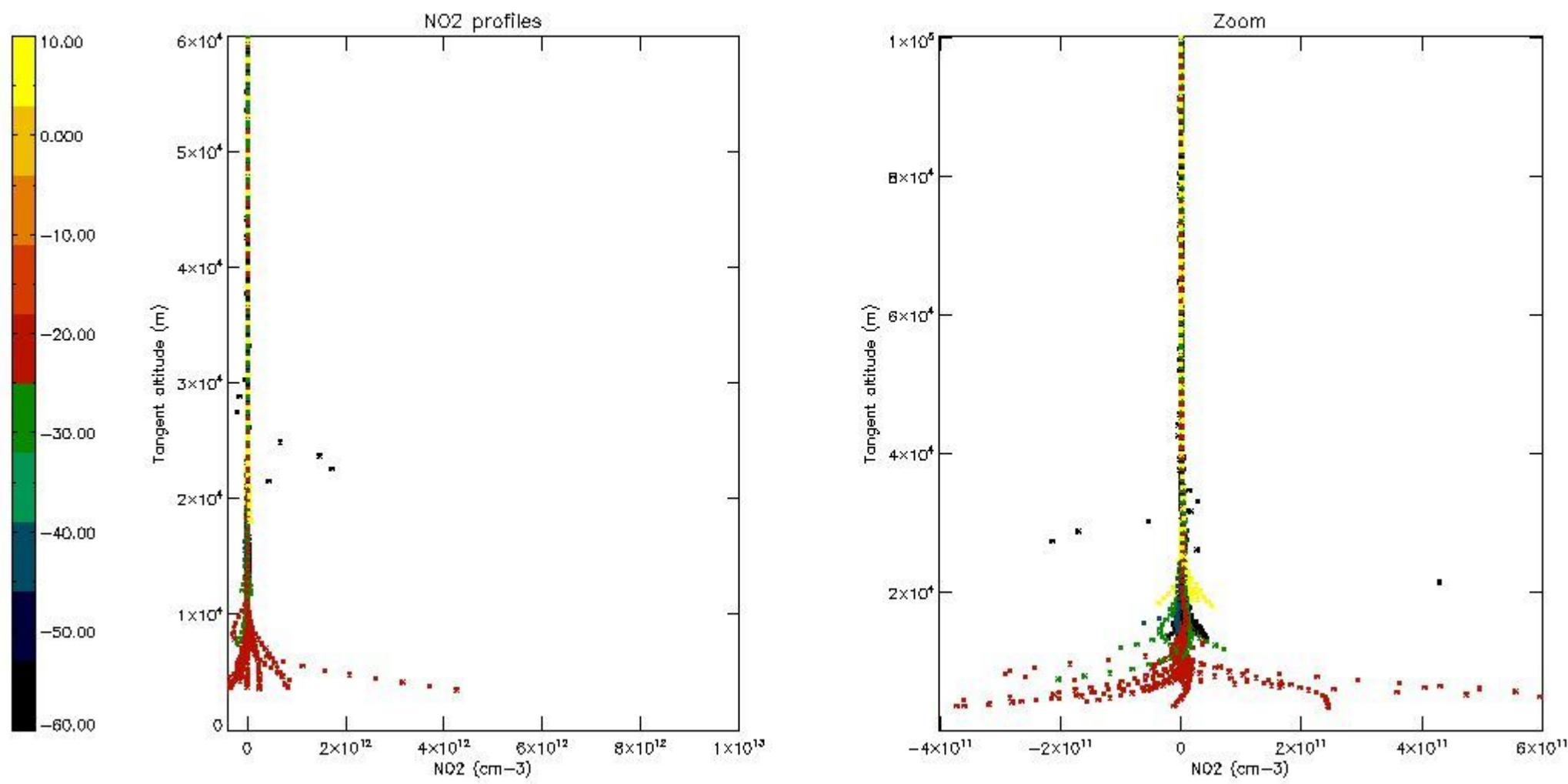
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



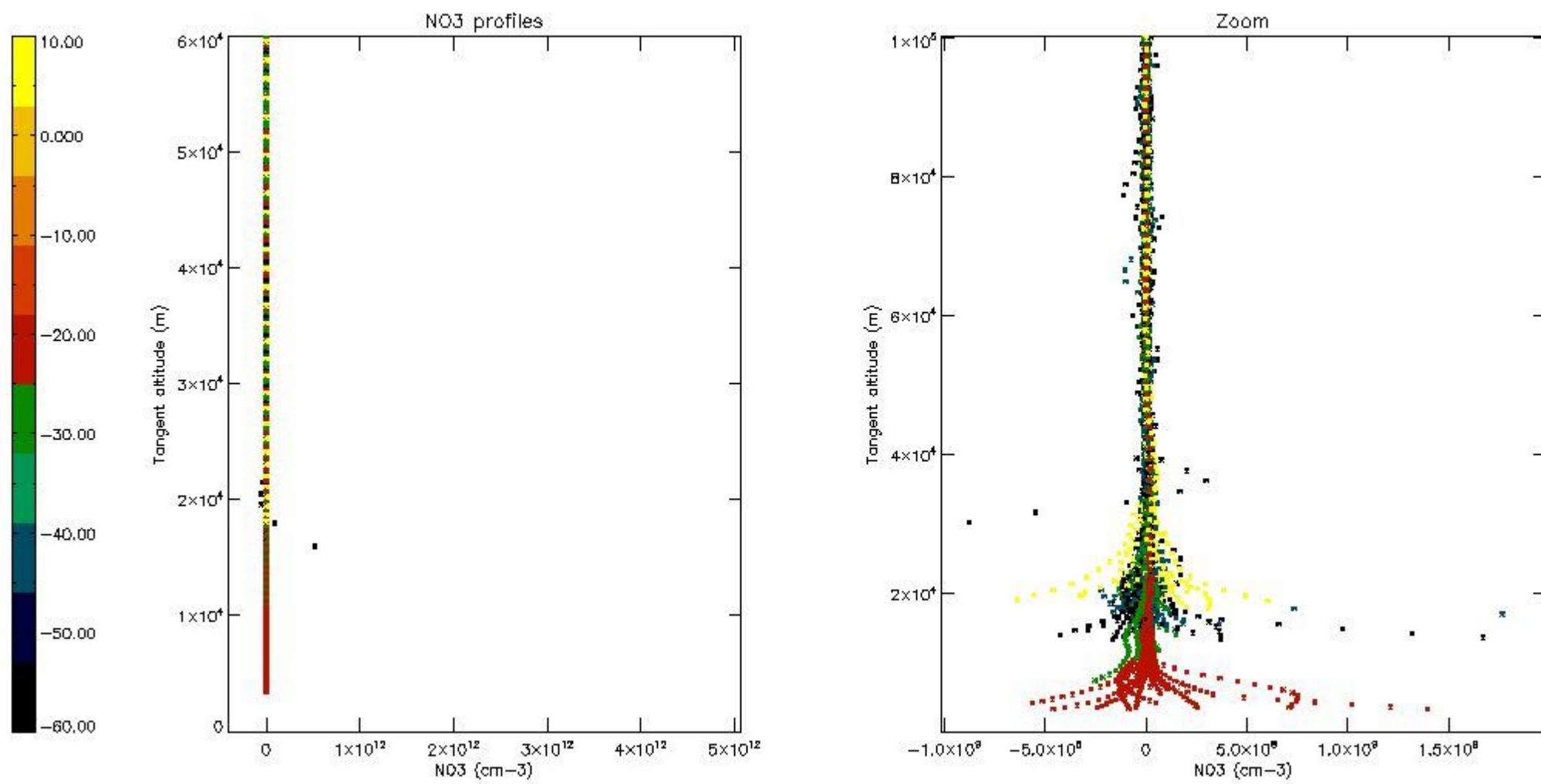
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



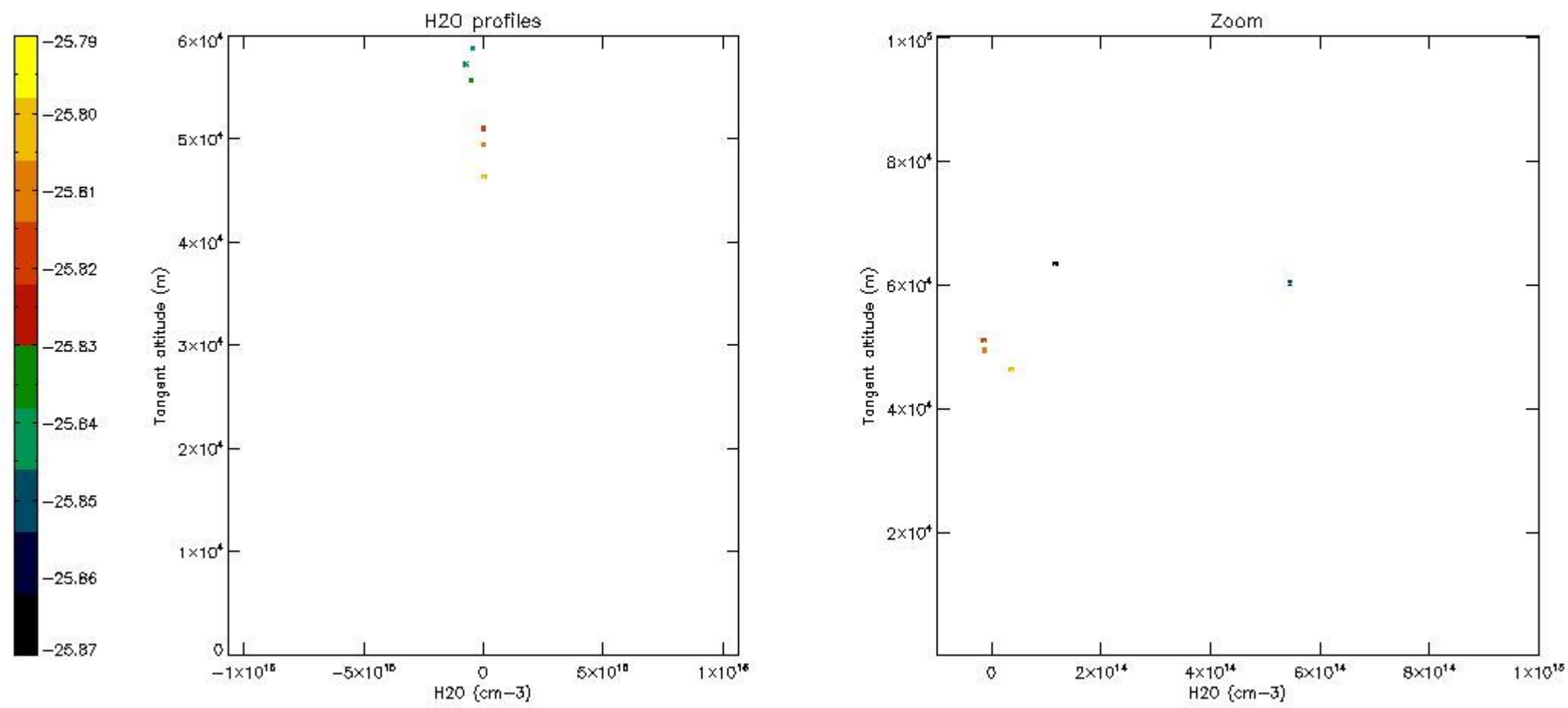
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

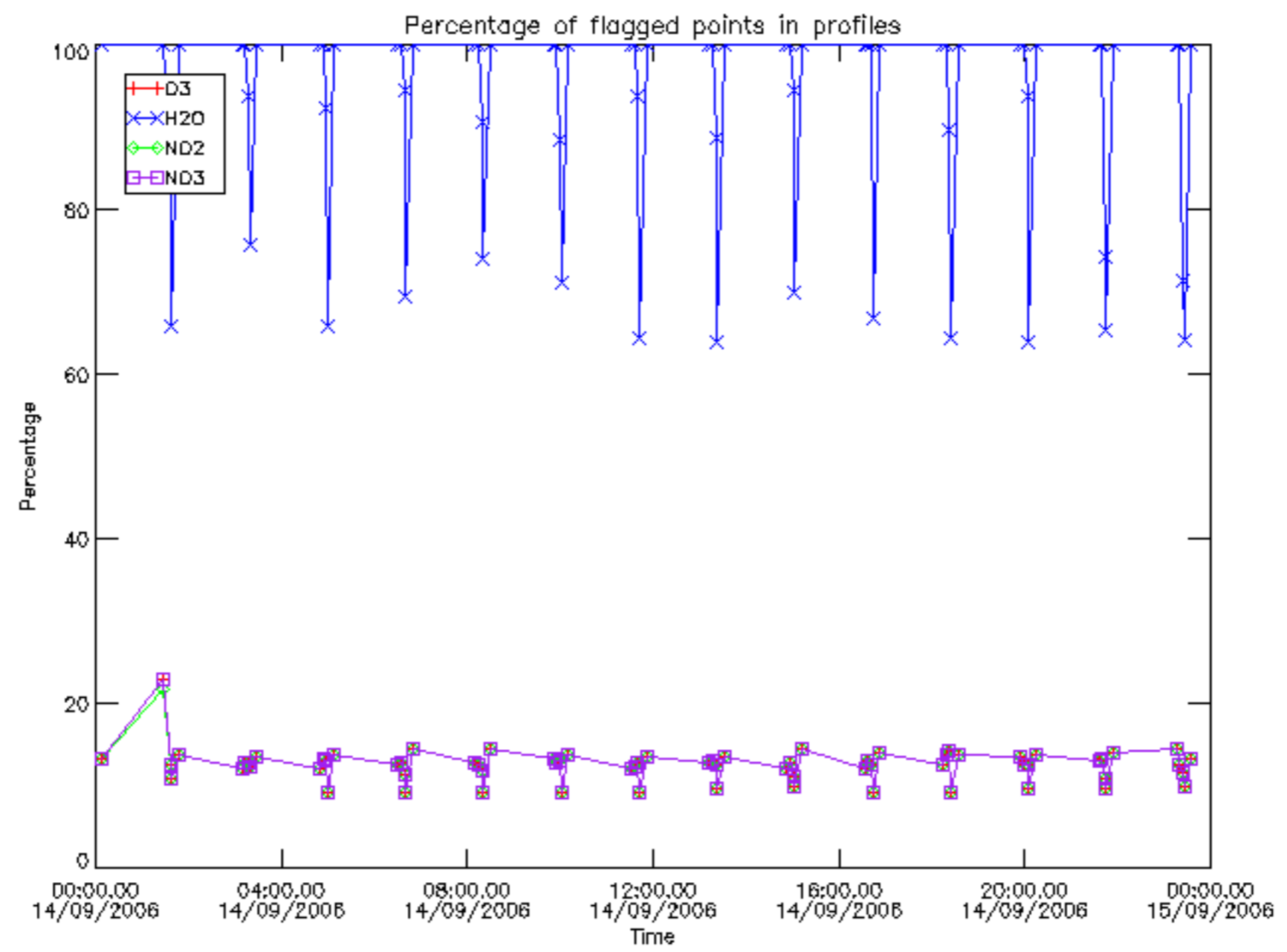
The colorbar represents the latitude.



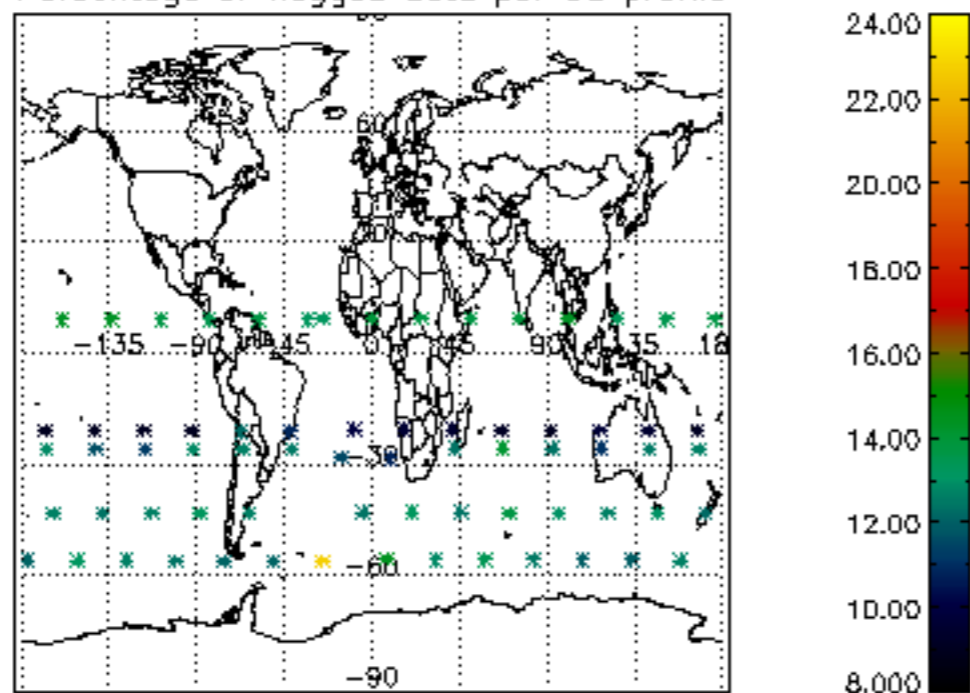
6. Auxiliary Data Files used for the production reported in section 2

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.

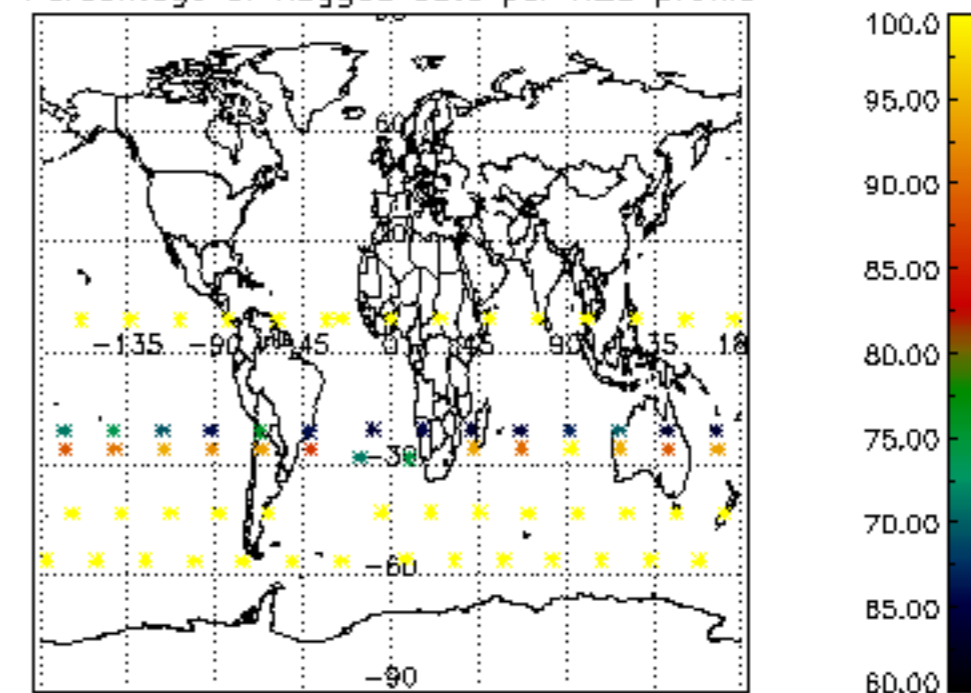
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	14-SEP-2006 00:06:51
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-SEP-2006 00:06:51
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-SEP-2006 00:06:51



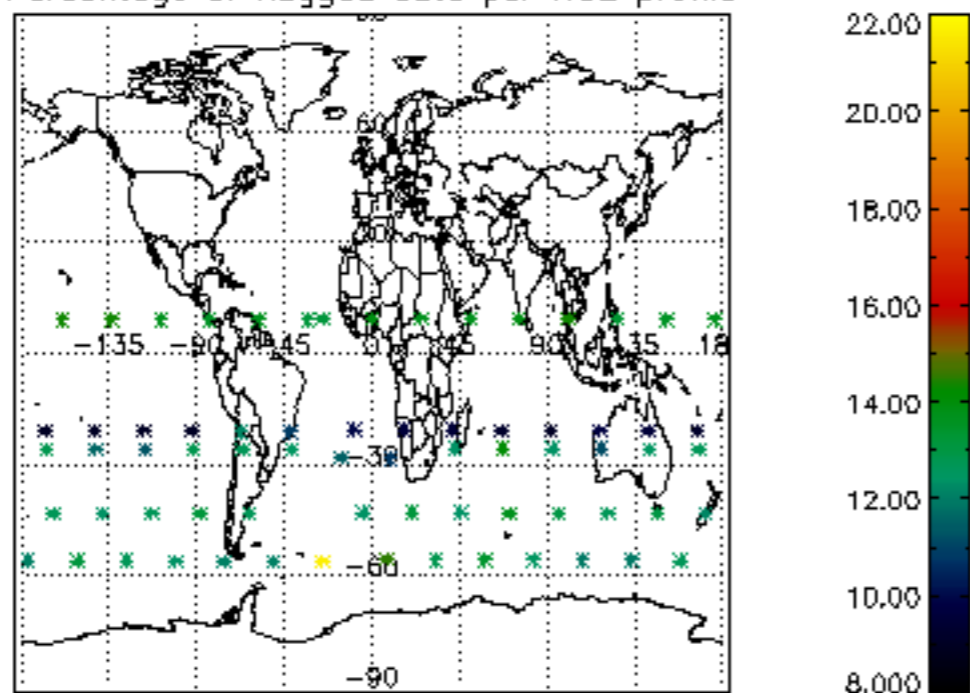
Percentage of flagged data per D3 profile



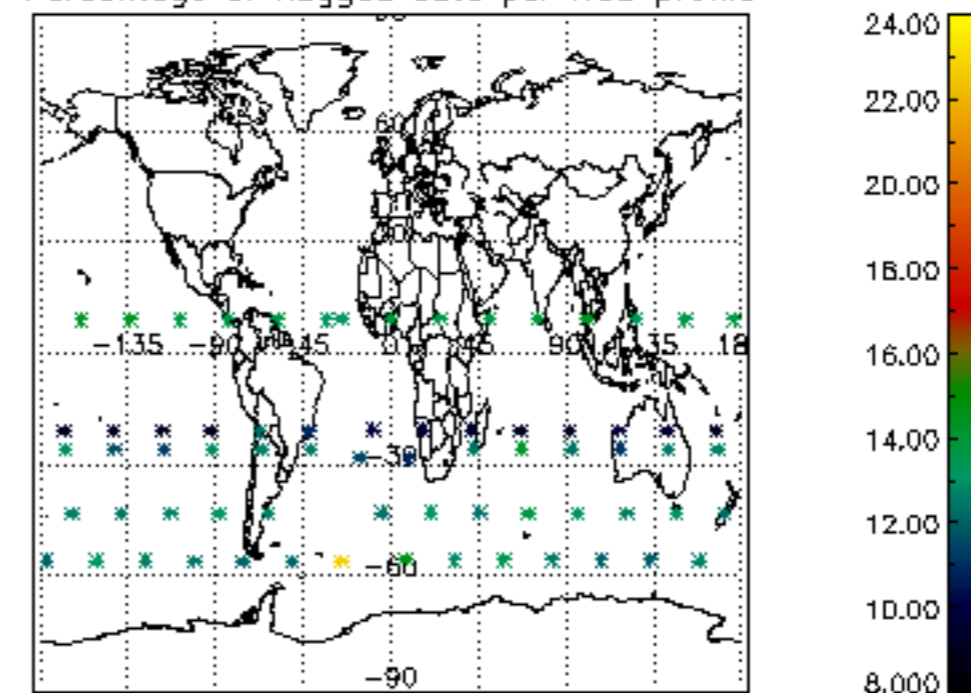
Percentage of flagged data per H2O profile

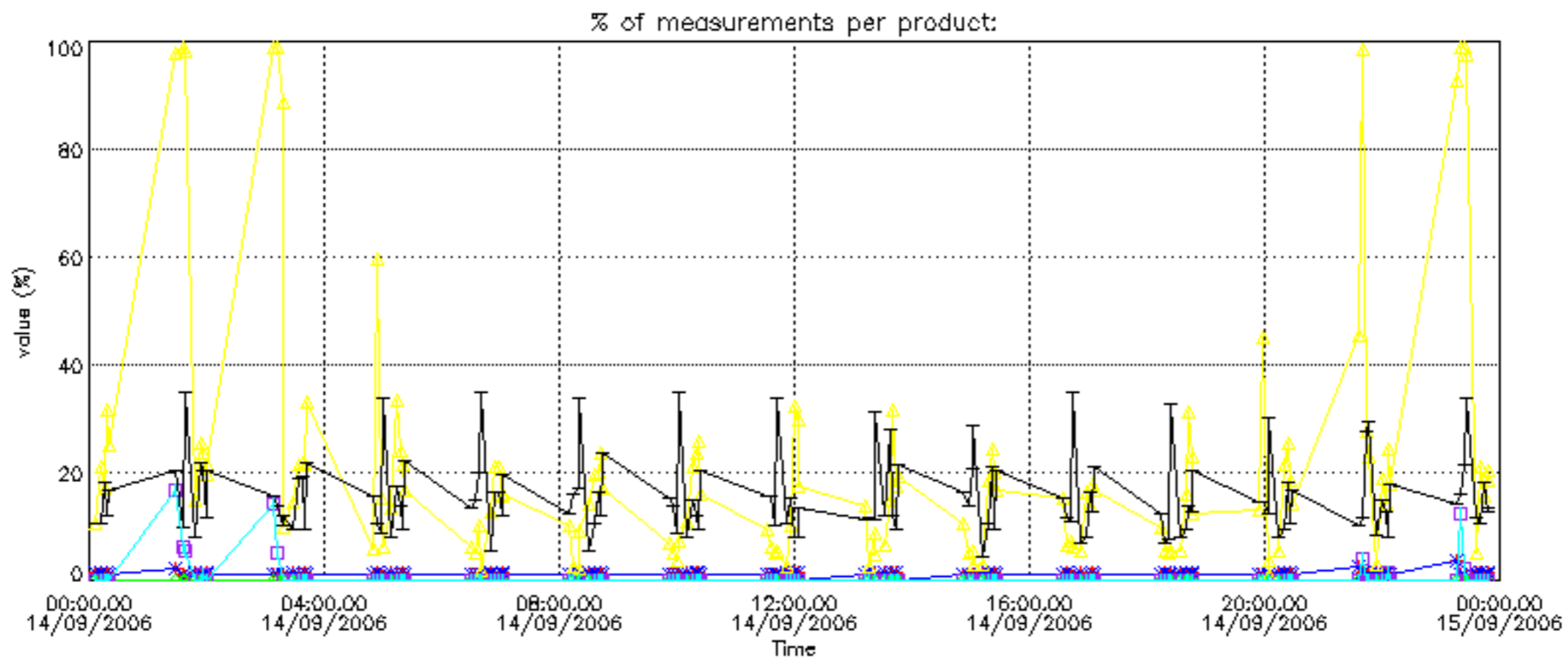


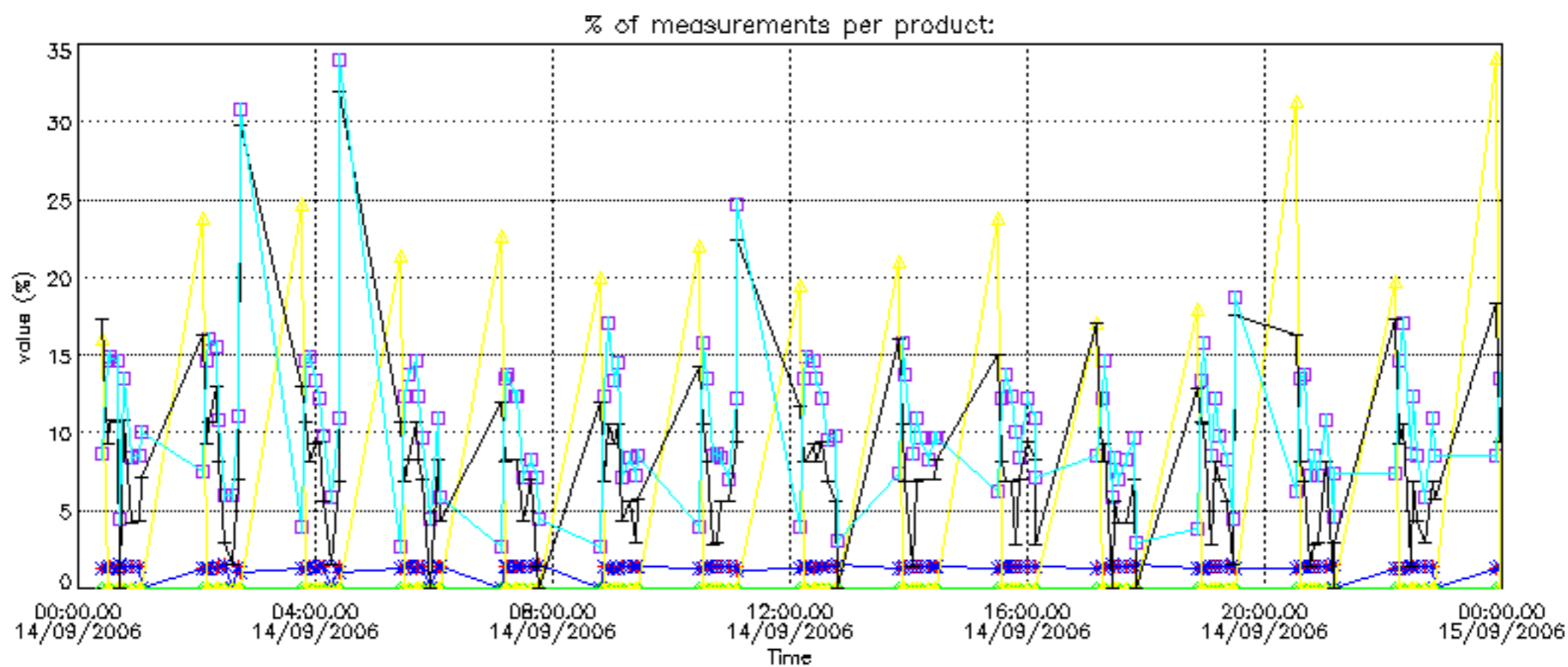
Percentage of flagged data per NO2 profile



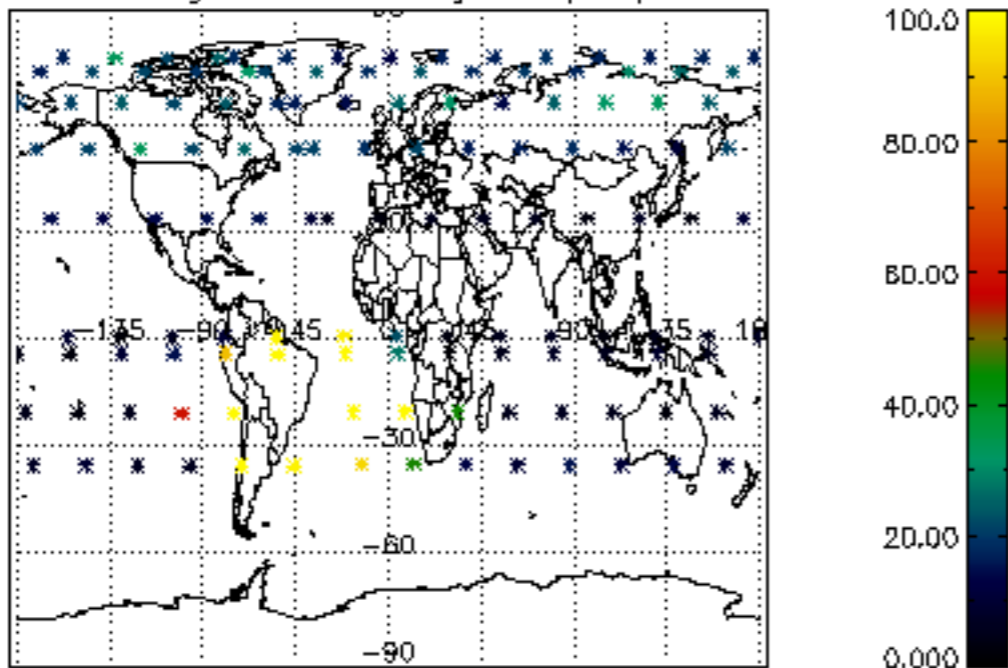
Percentage of flagged data per NO3 profile



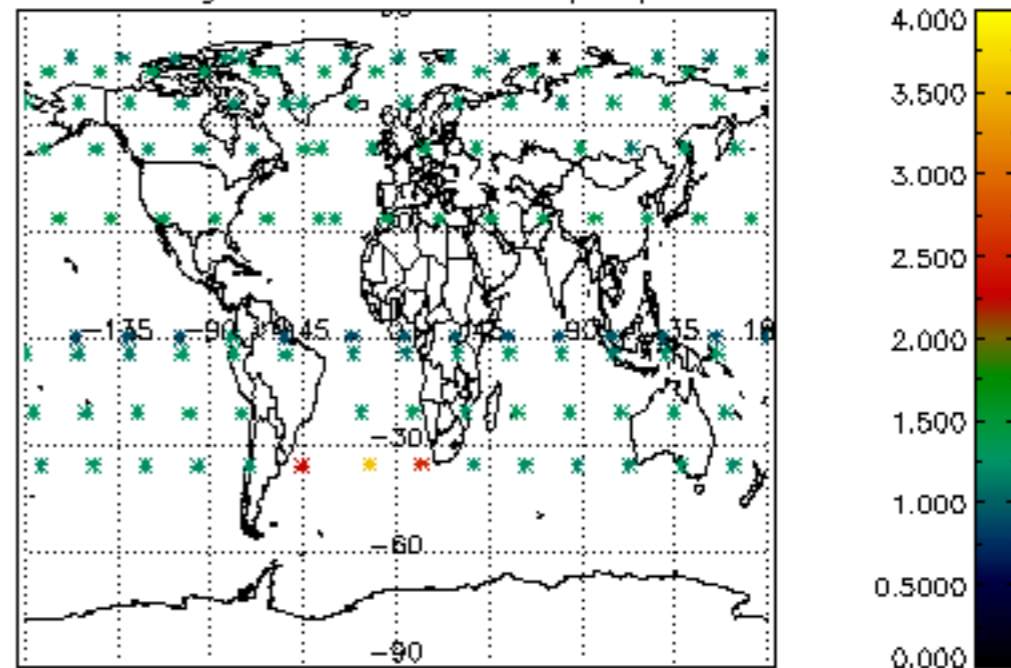




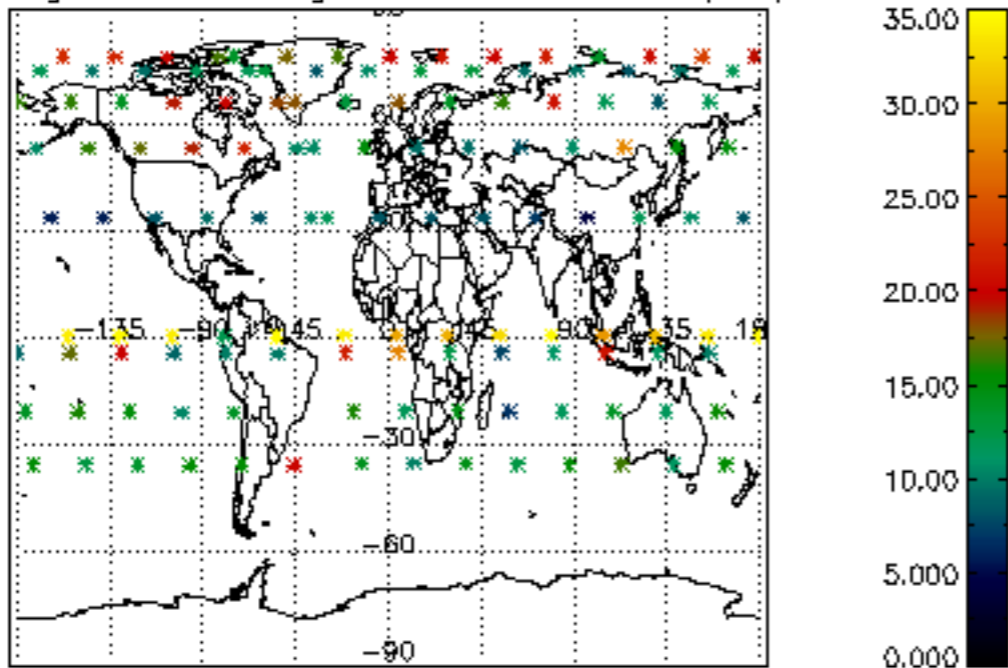
Percentage of cosmic ray hits per profile



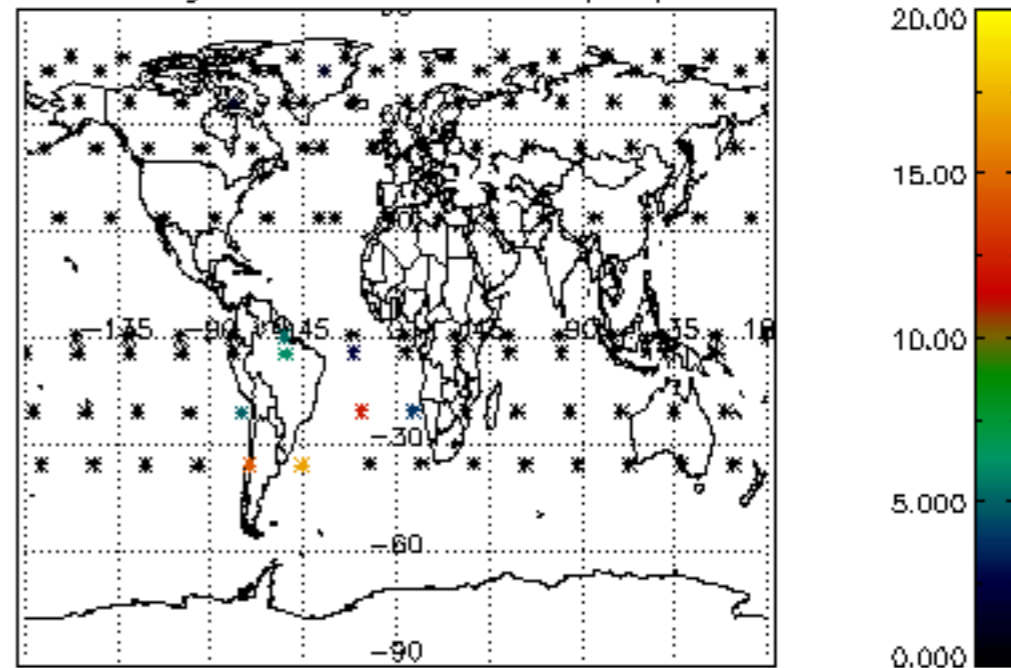
Percentage of datation errors per profile



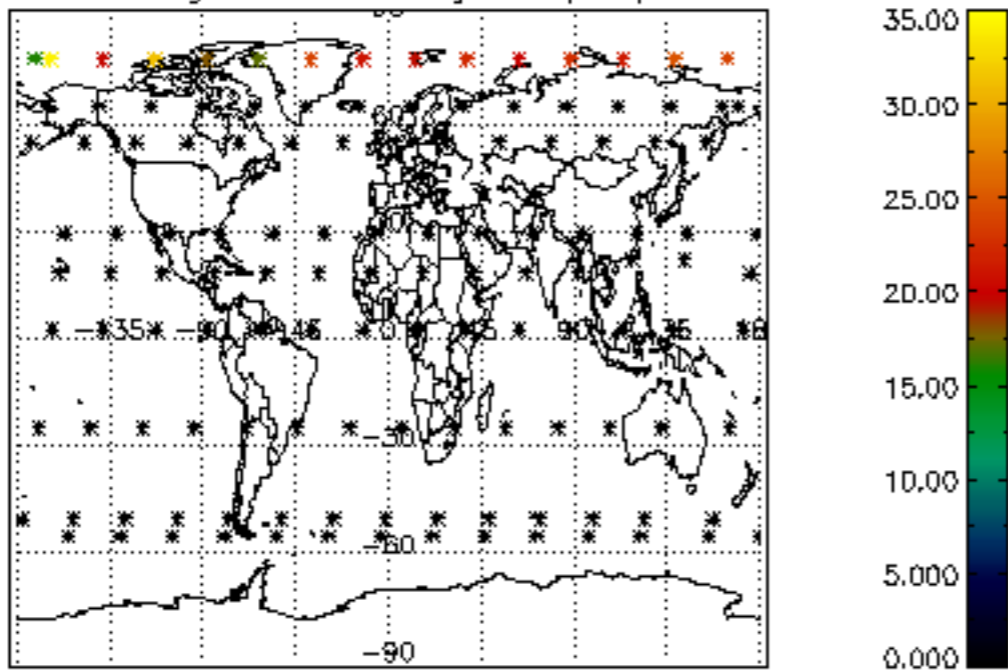
Percentage of star falling outside central band per profile



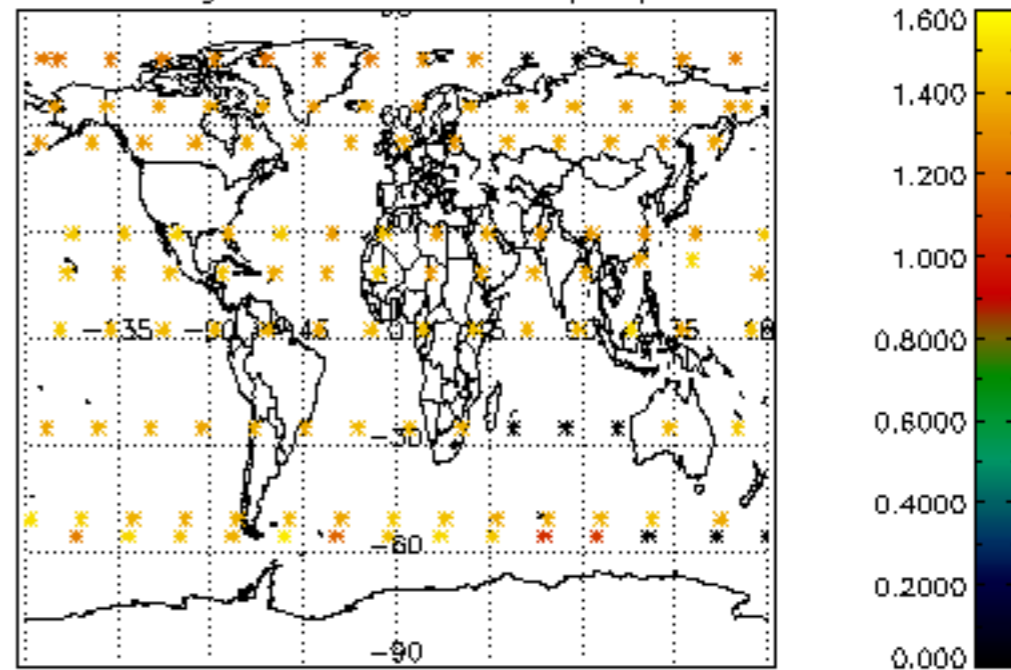
Percentage of saturation errors per profile



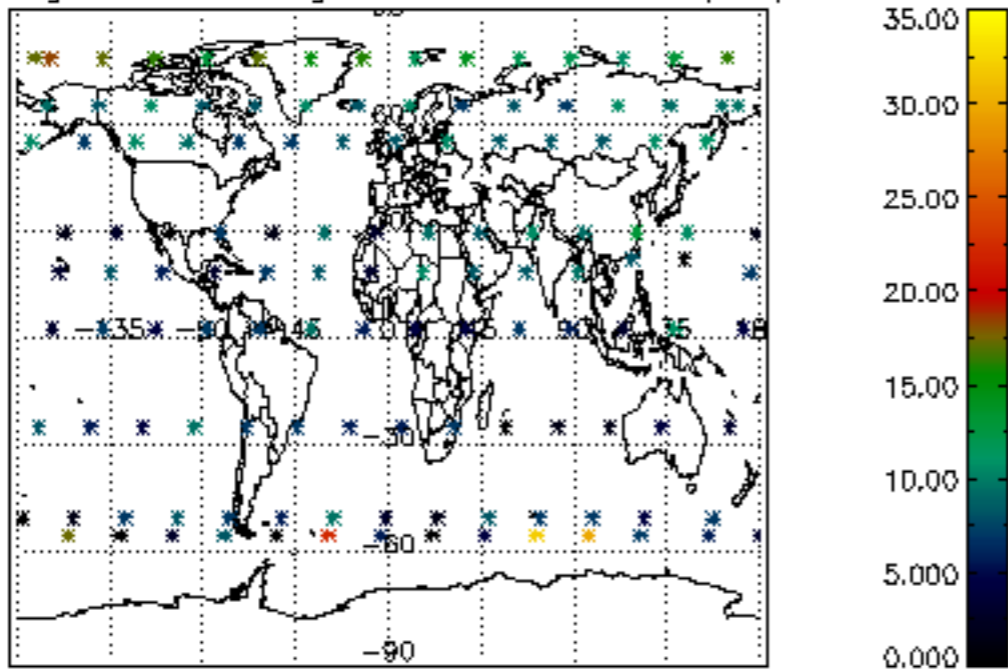
Percentage of cosmic ray hits per profile



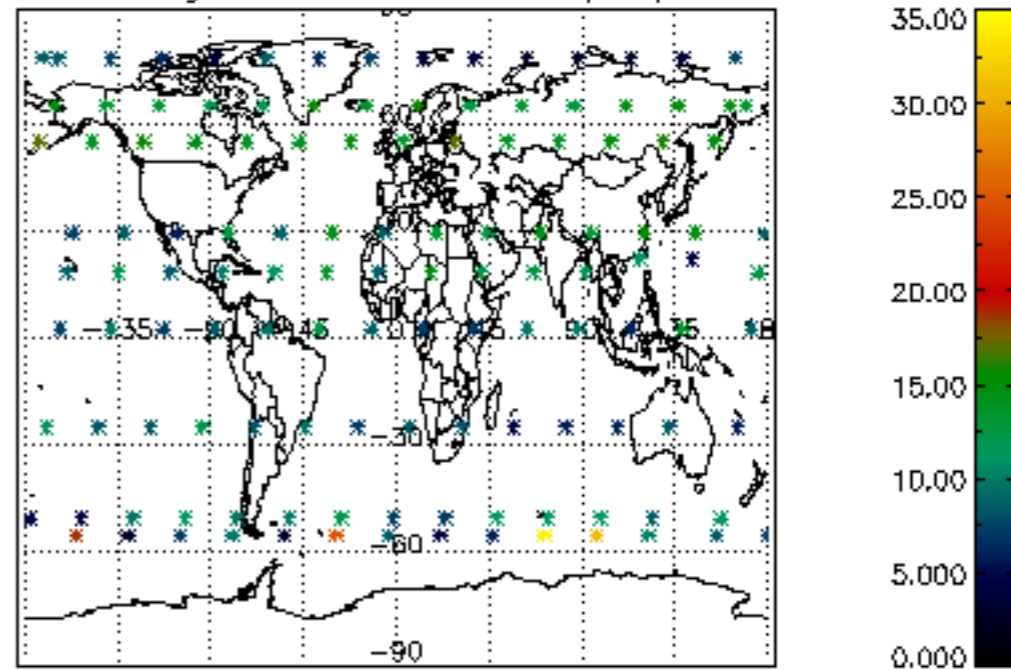
Percentage of datation errors per profile

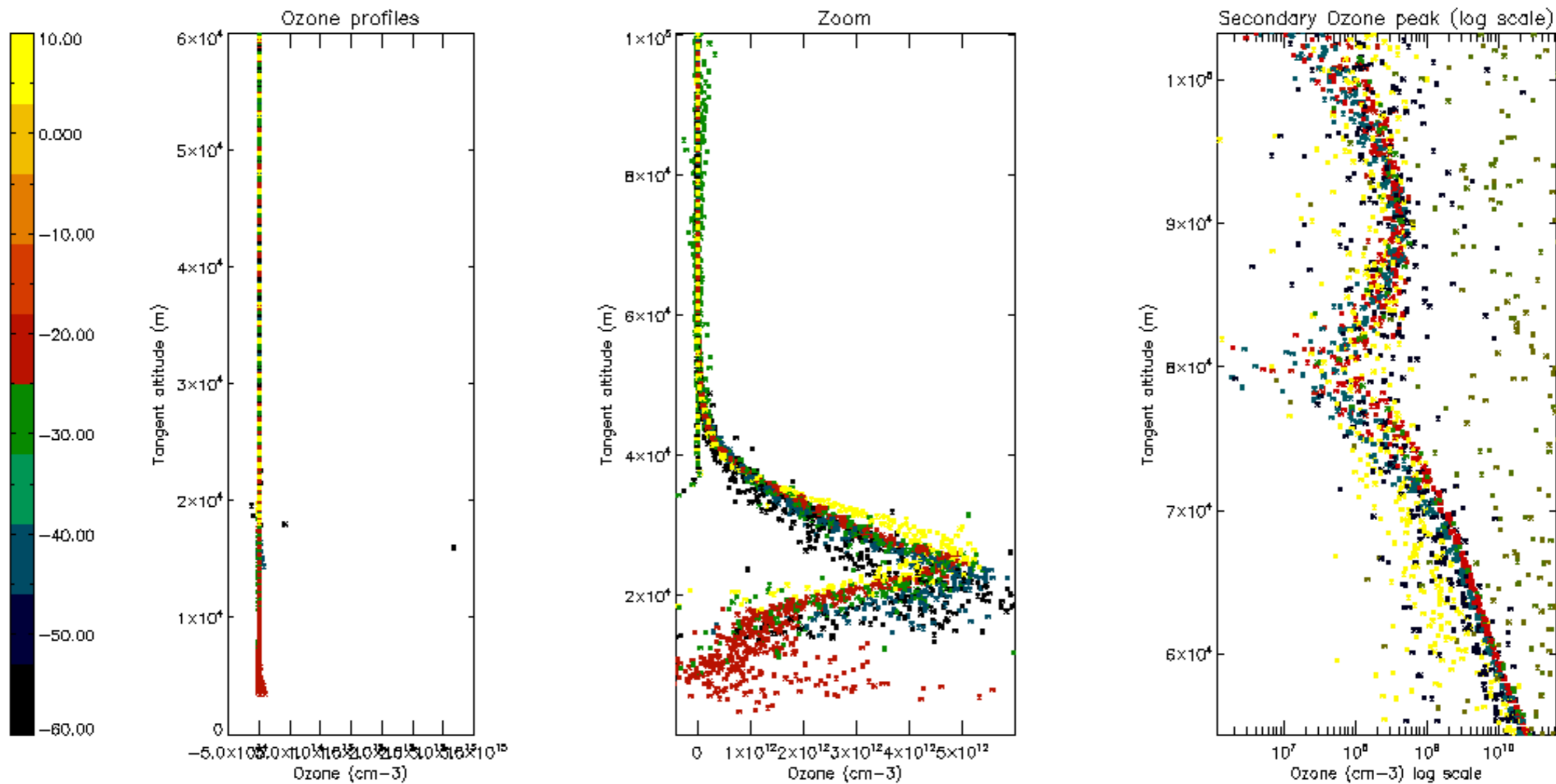


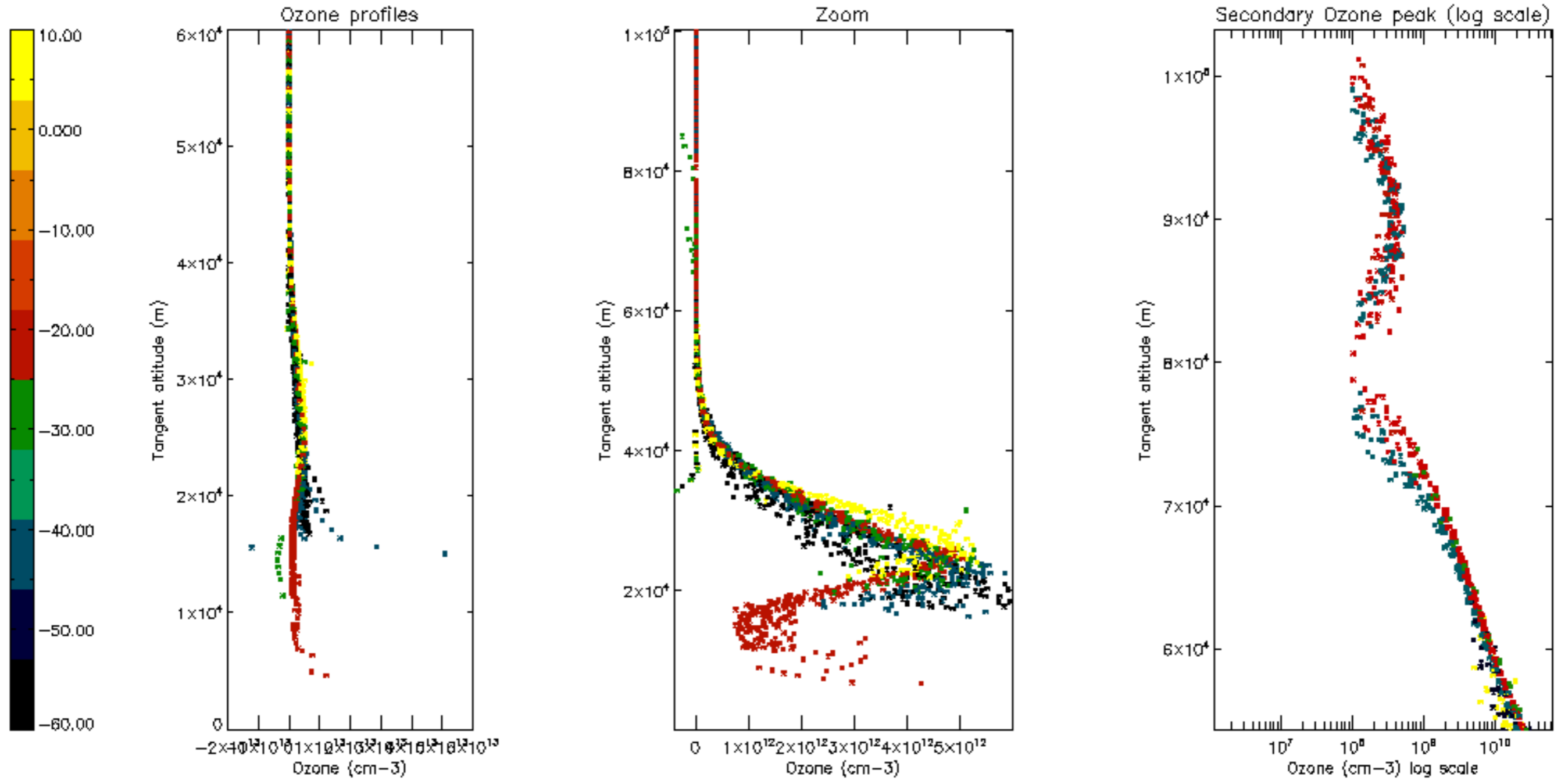
Percentage of star falling outside central band per profile

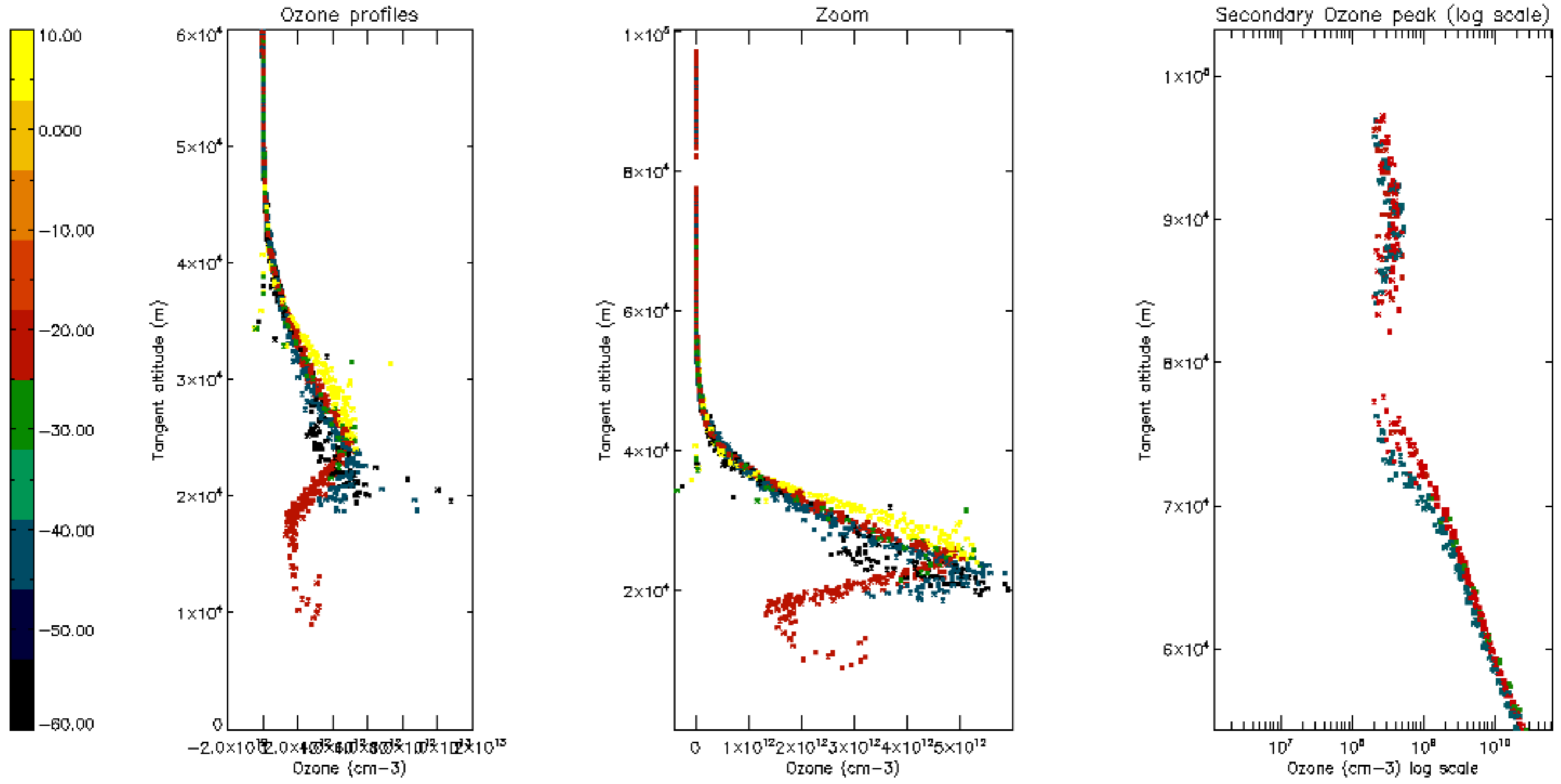


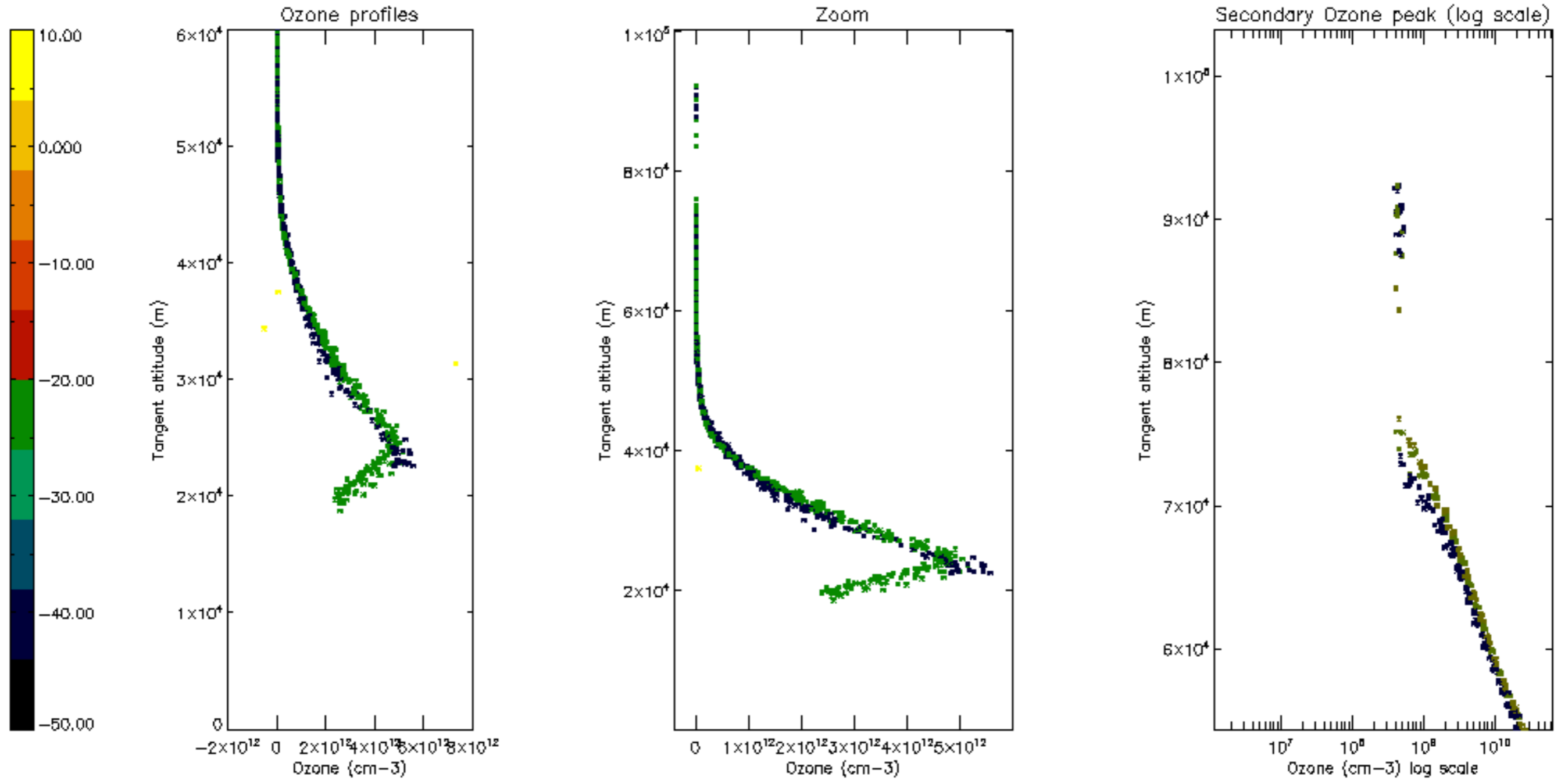
Percentage of saturation errors per profile

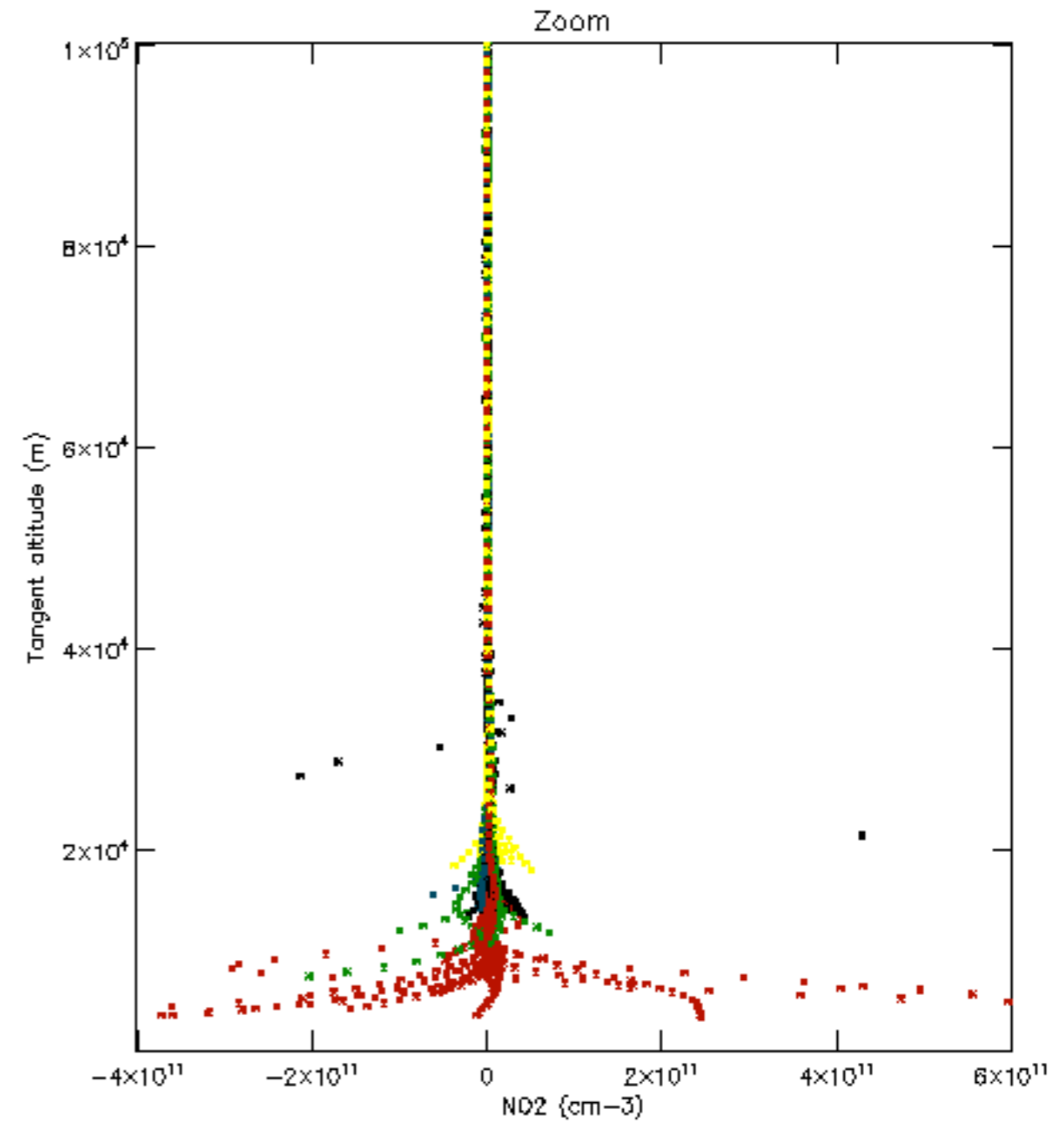
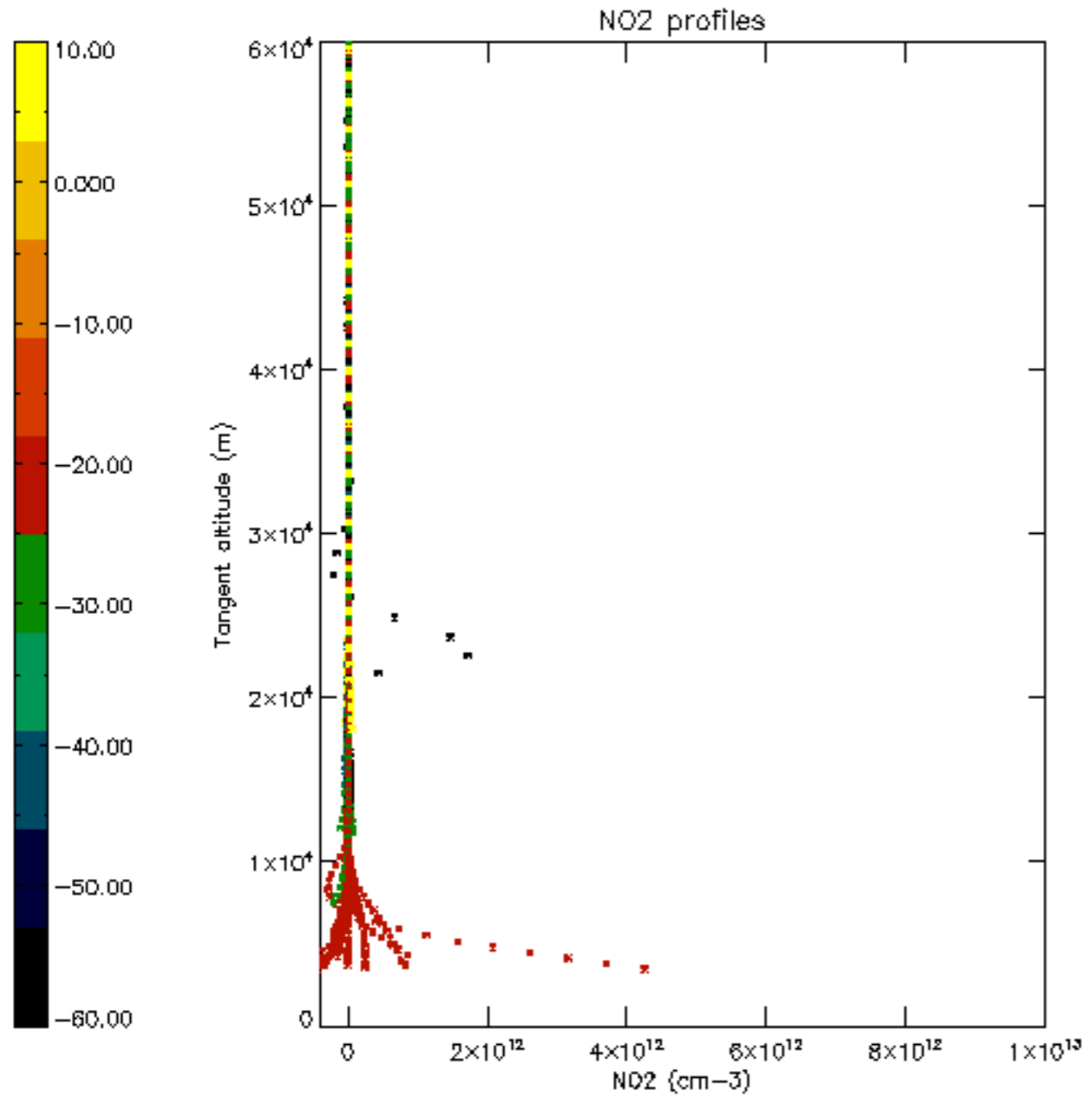


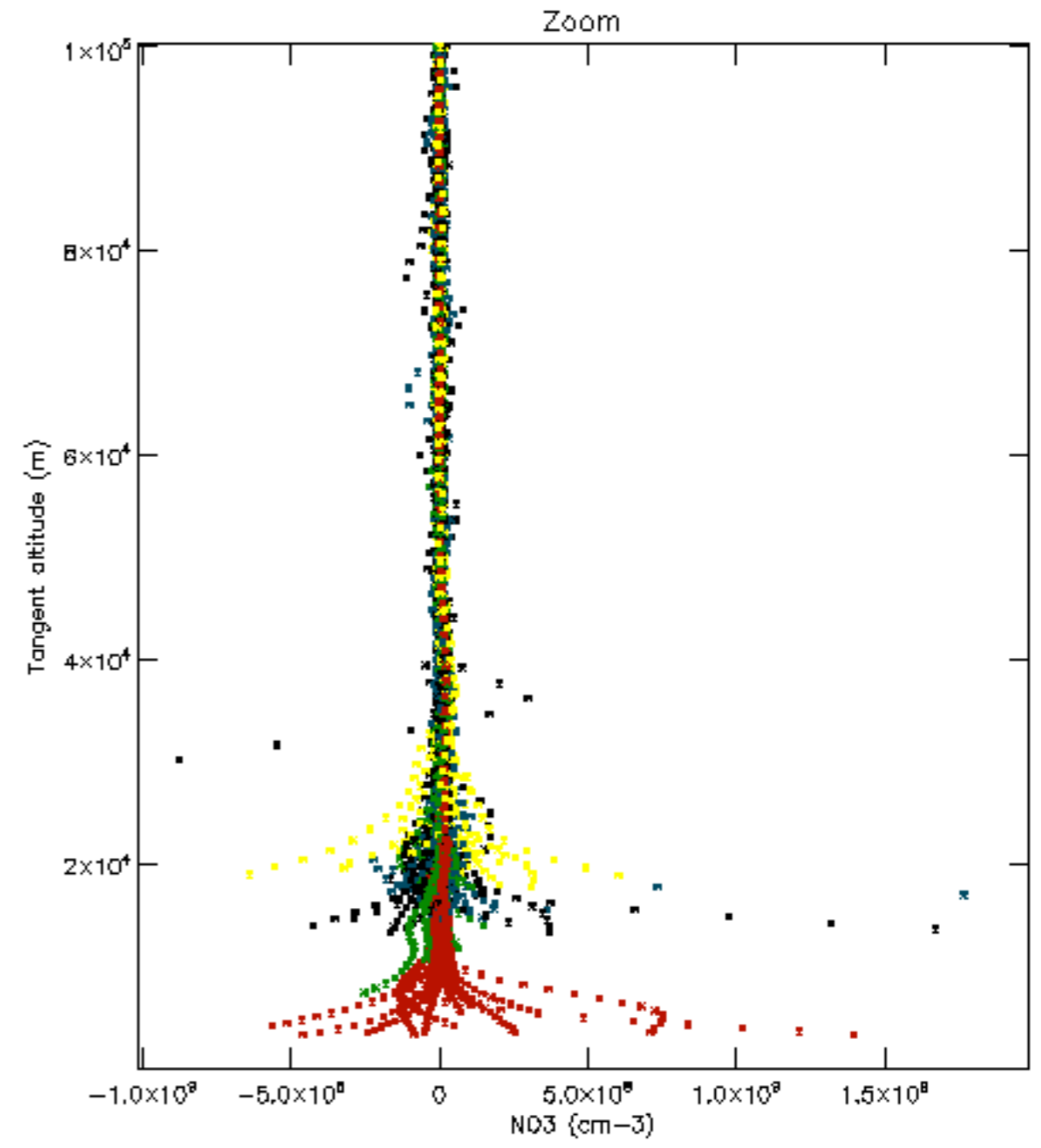
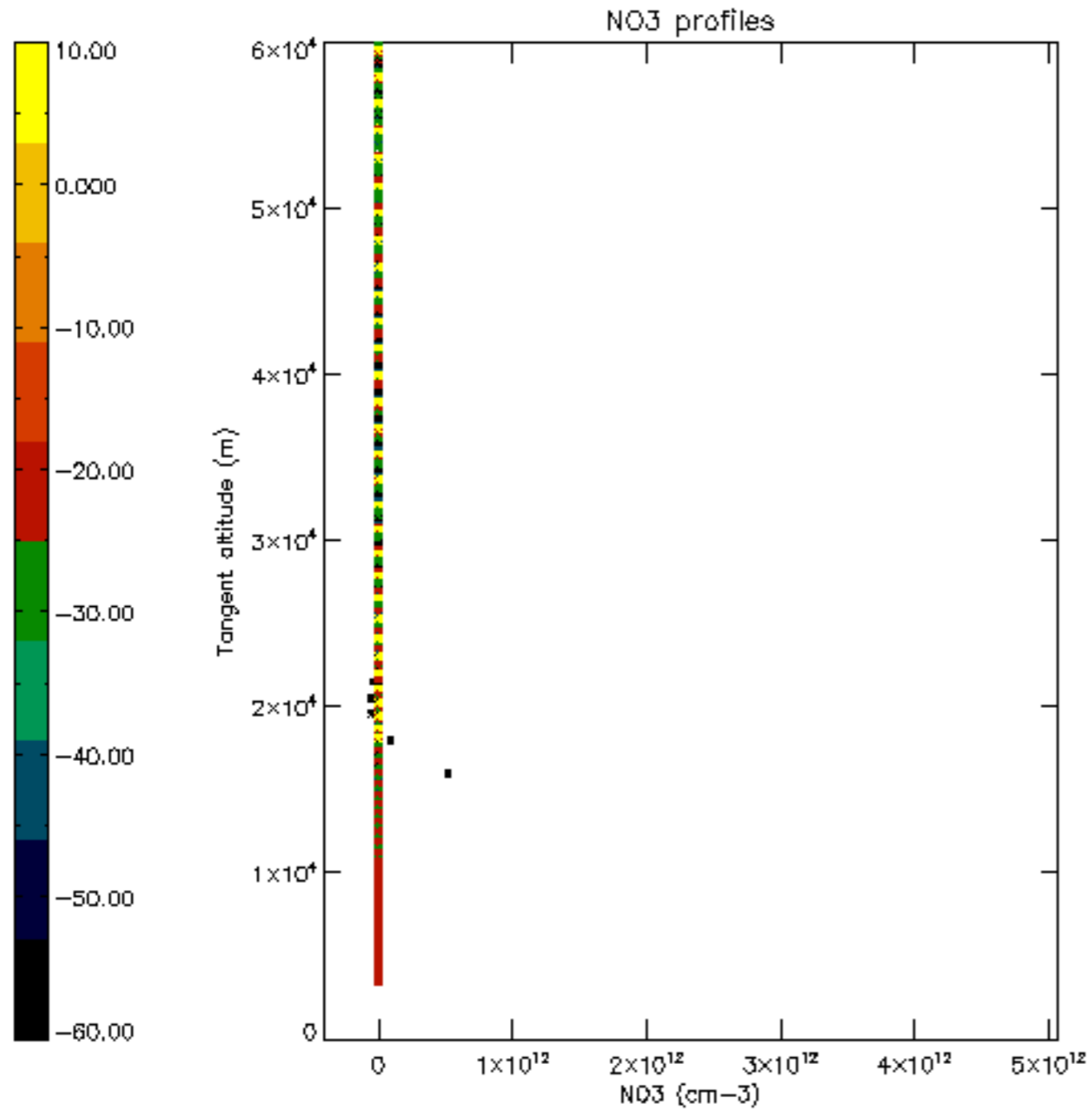


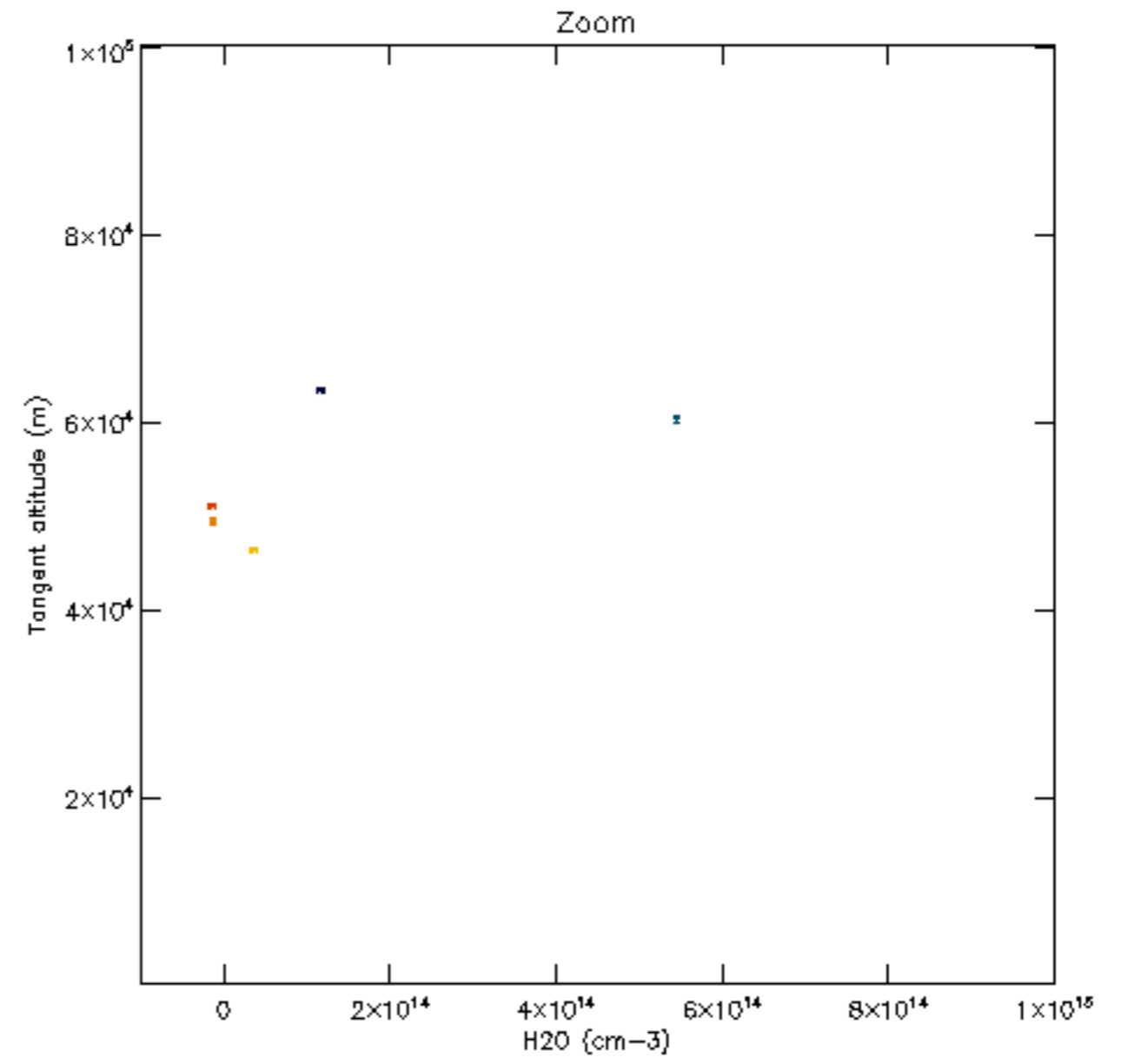
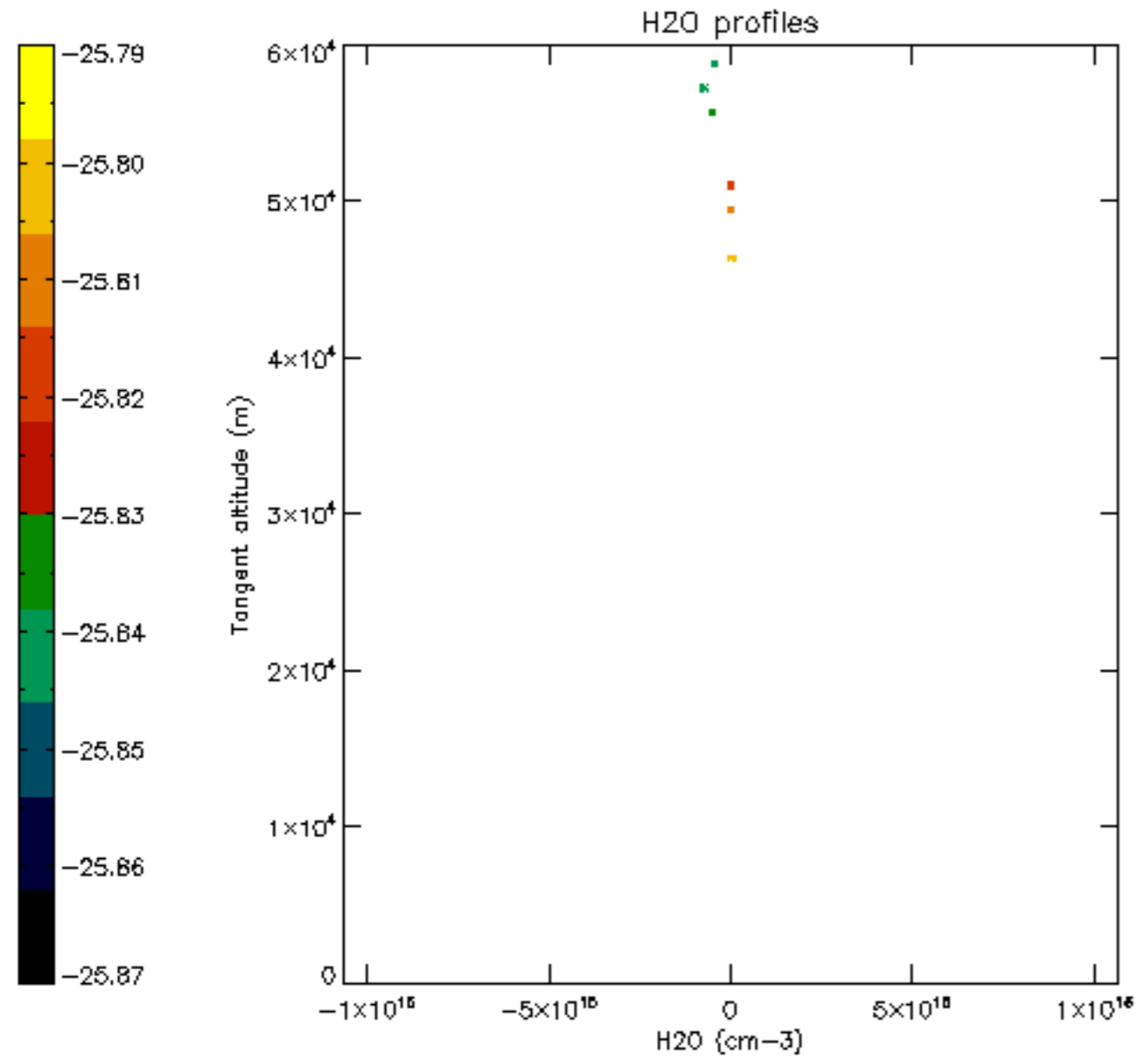


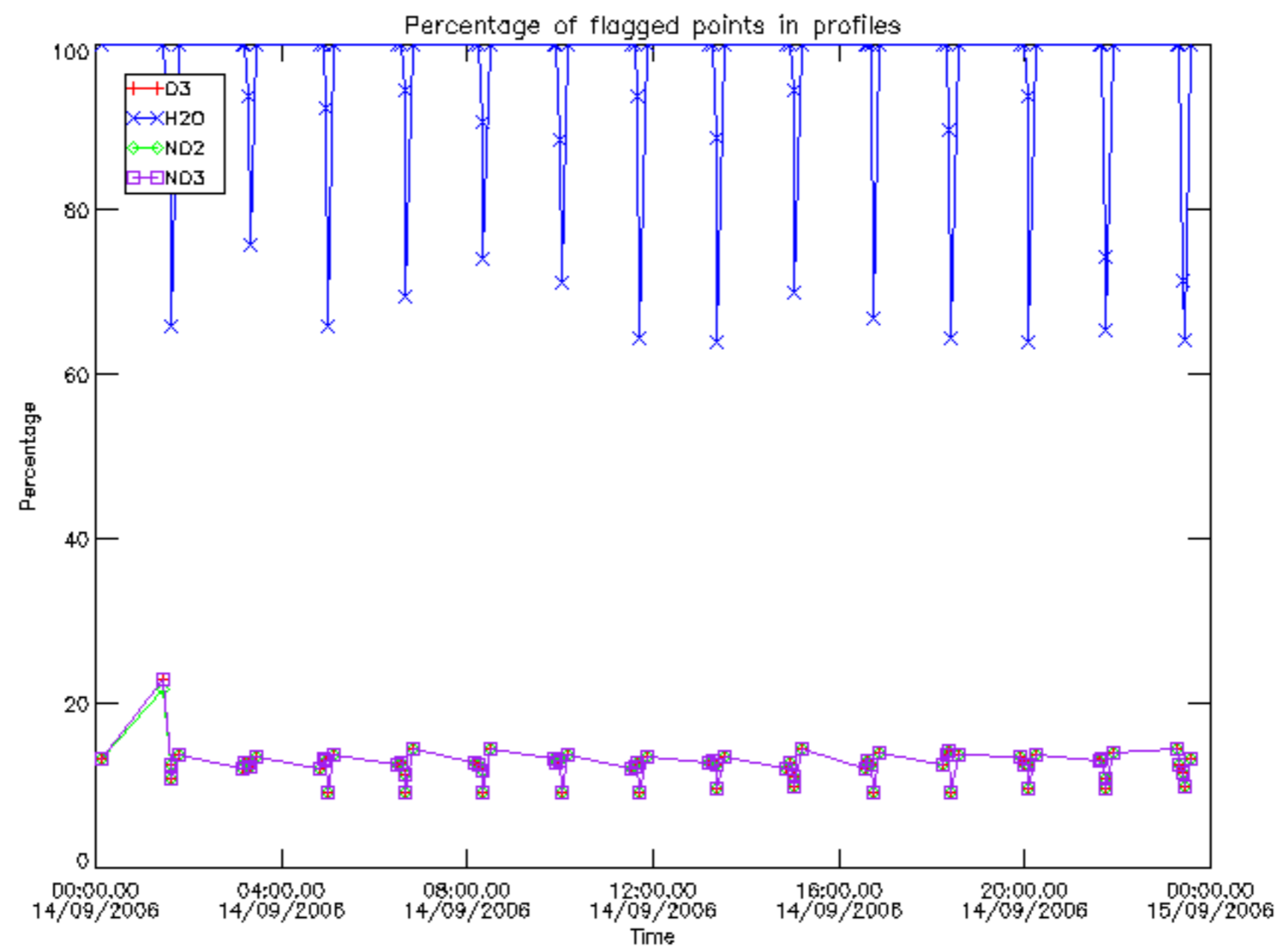




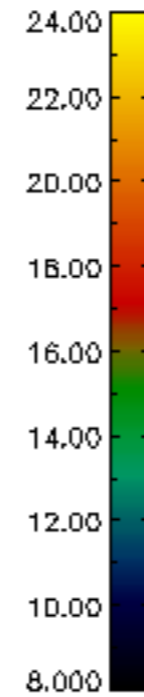
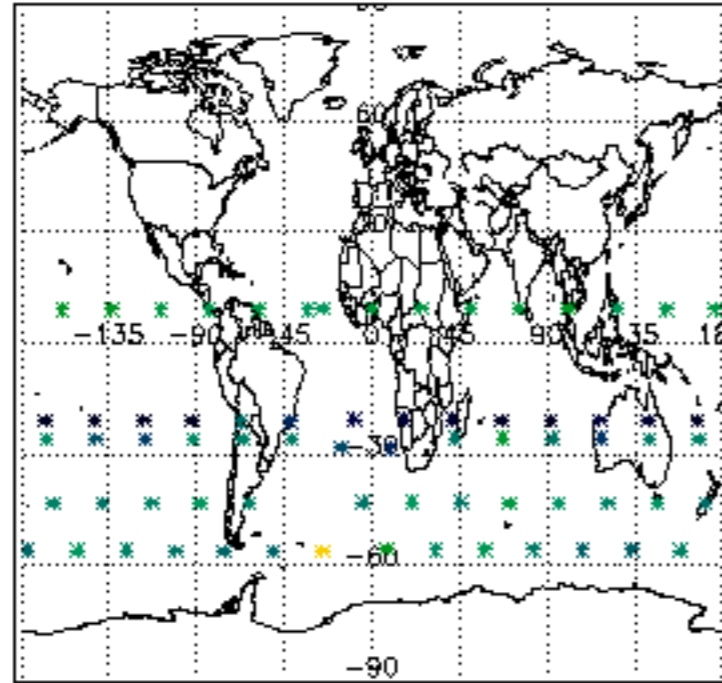




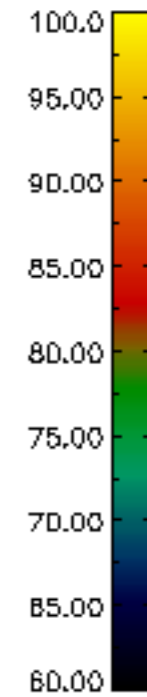
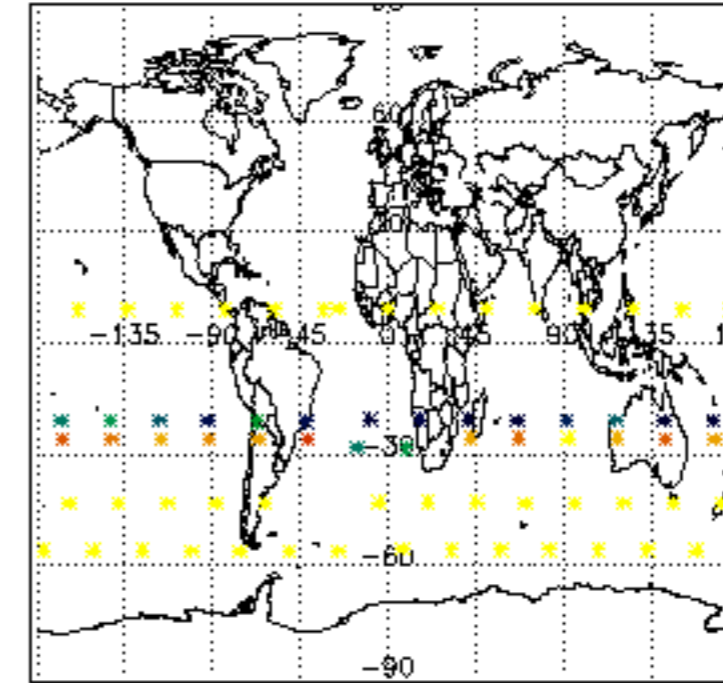




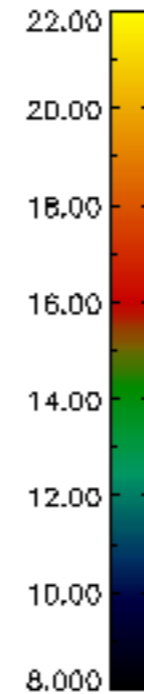
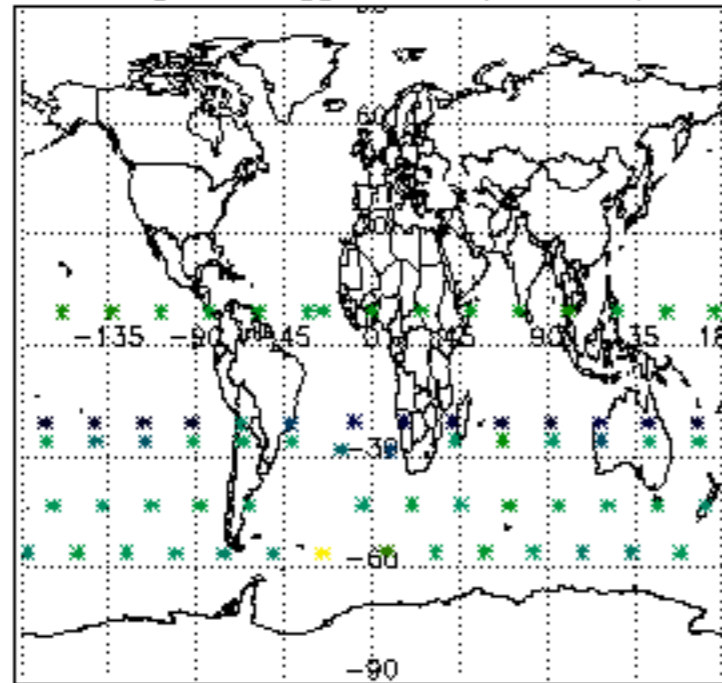
Percentage of flagged data per D3 profile



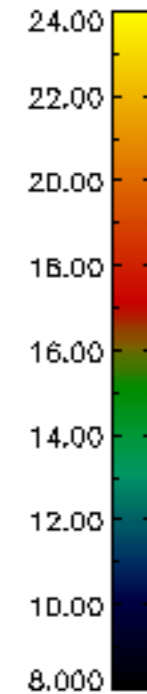
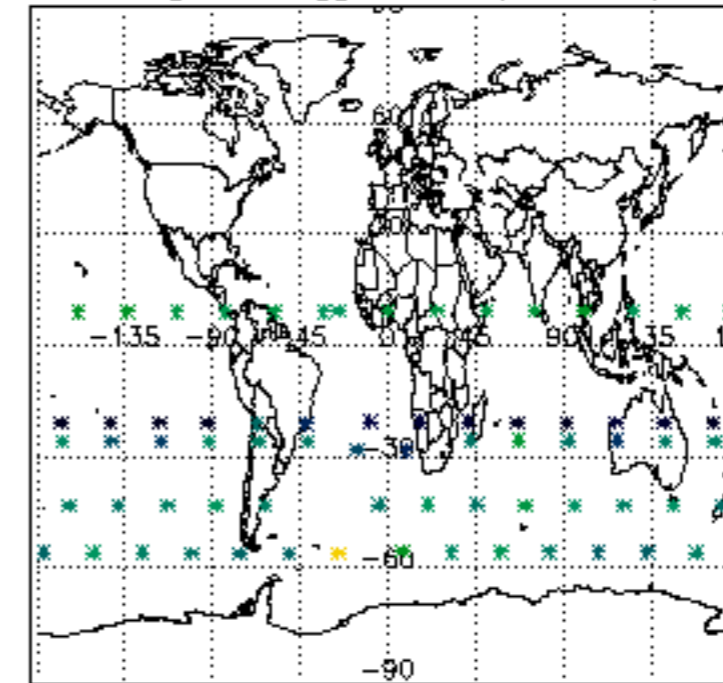
Percentage of flagged data per H2O profile

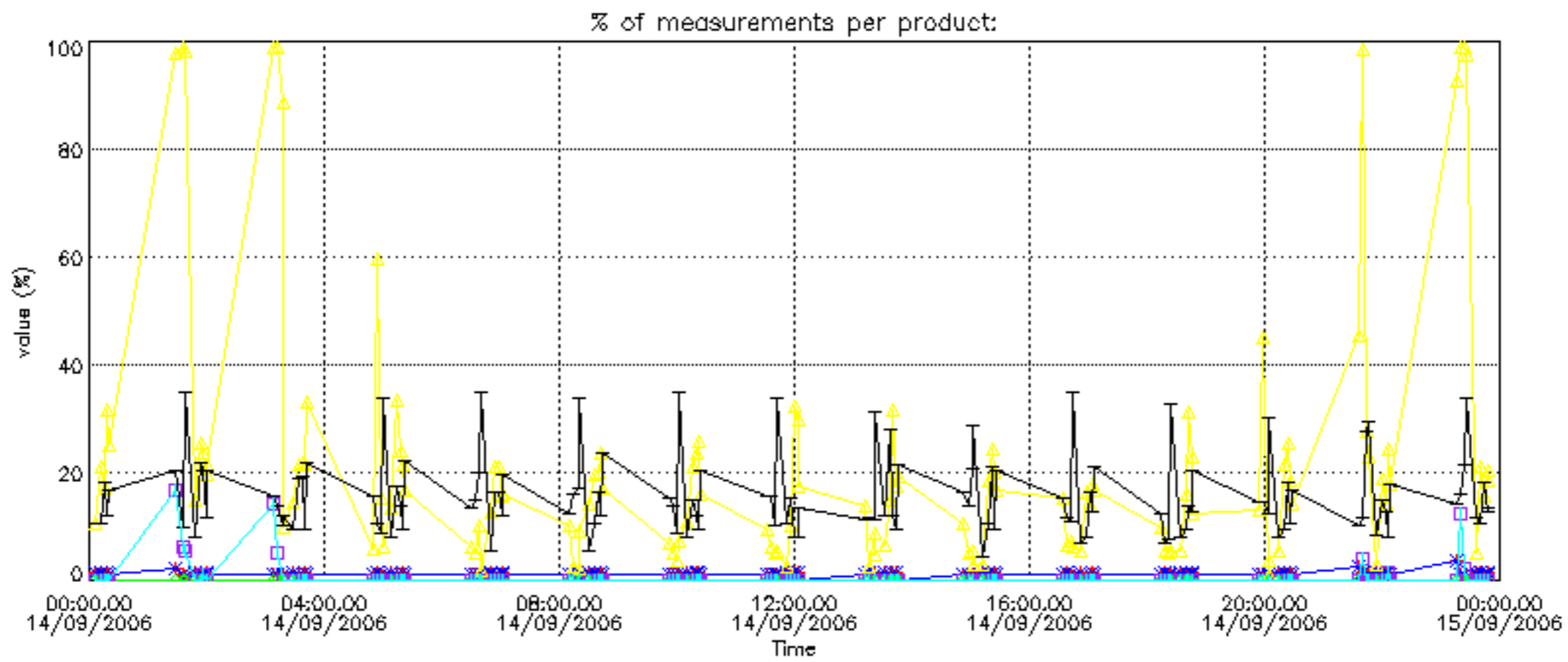


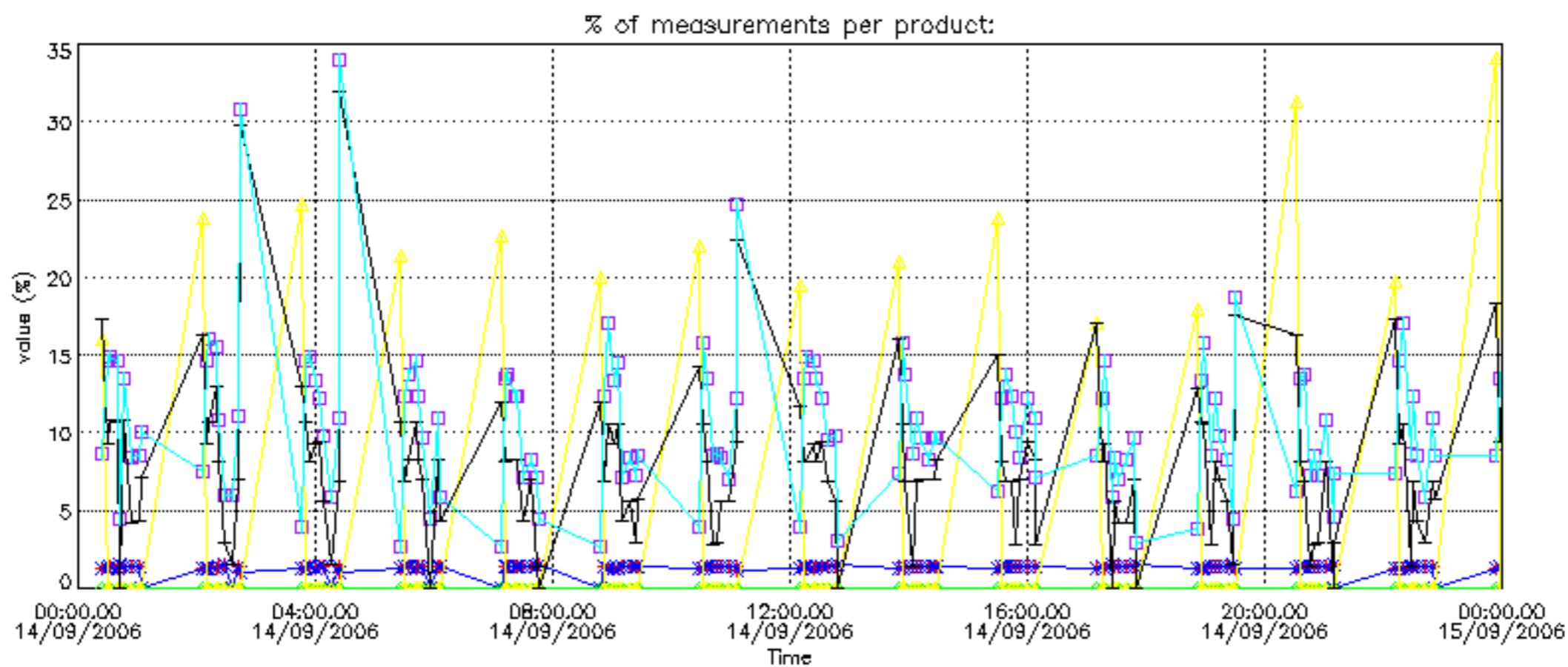
Percentage of flagged data per NO2 profile



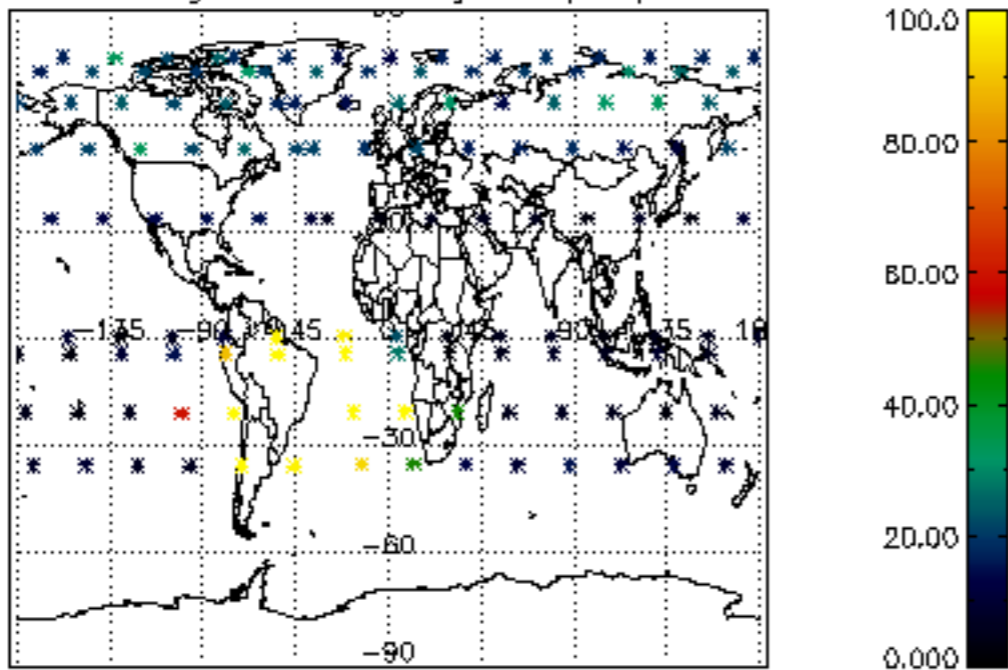
Percentage of flagged data per NO3 profile



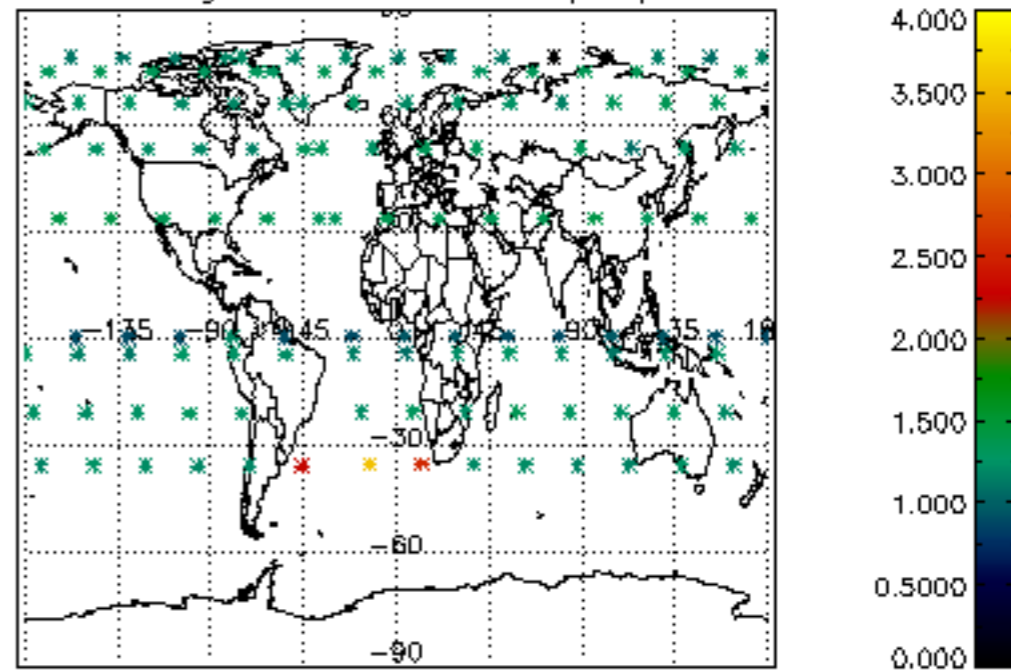




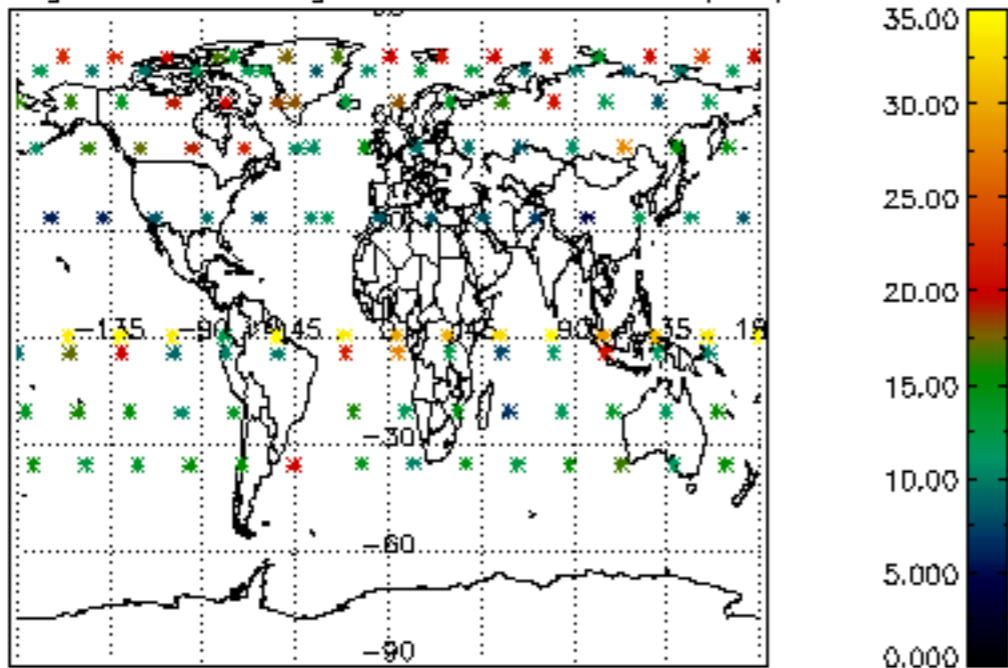
Percentage of cosmic ray hits per profile



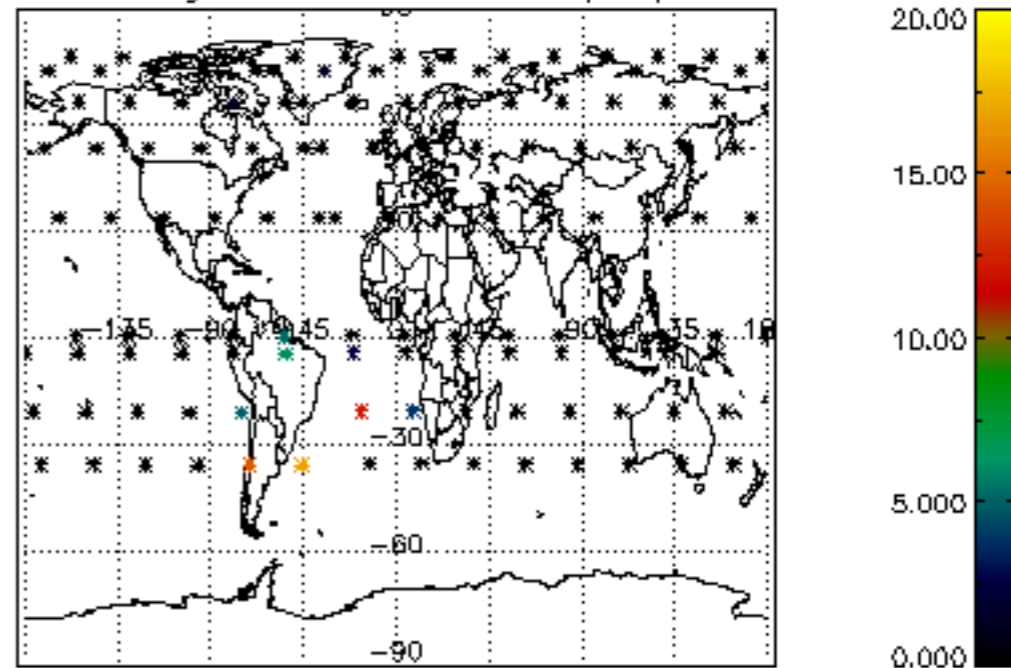
Percentage of datation errors per profile



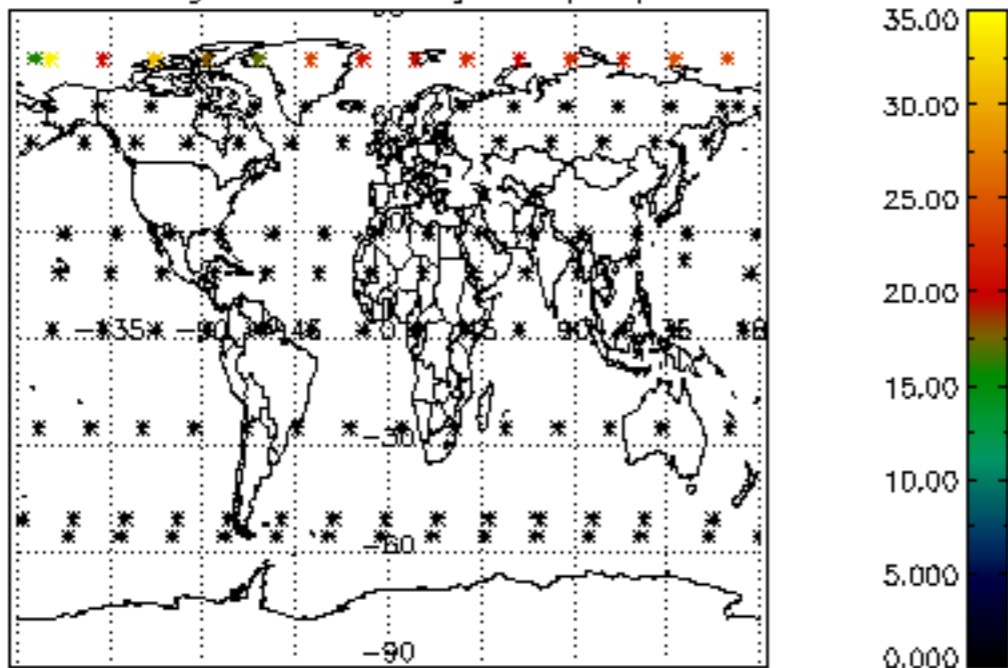
Percentage of star falling outside central band per profile



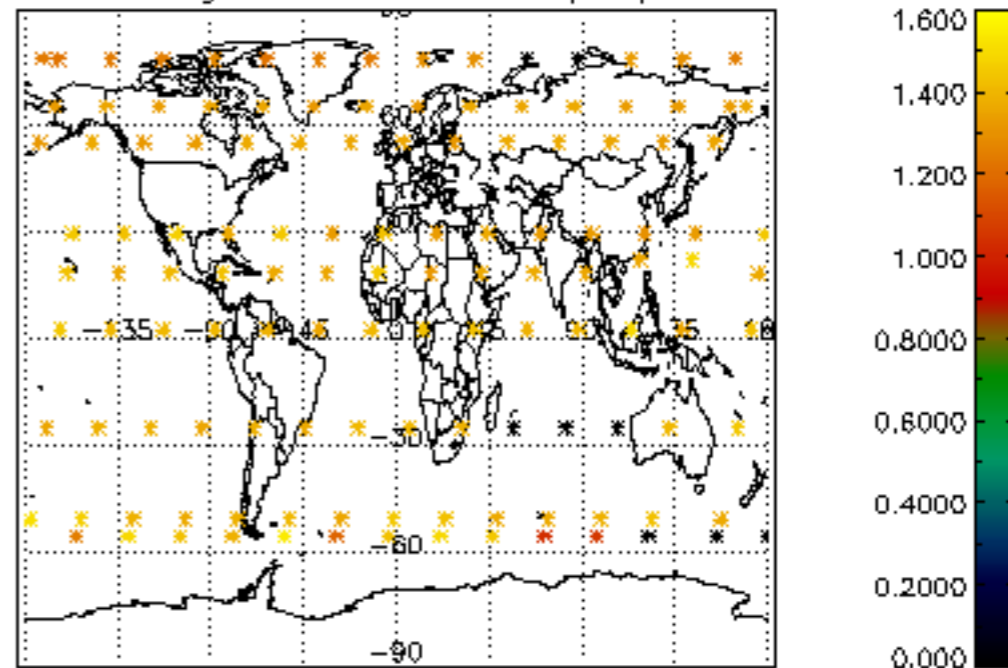
Percentage of saturation errors per profile



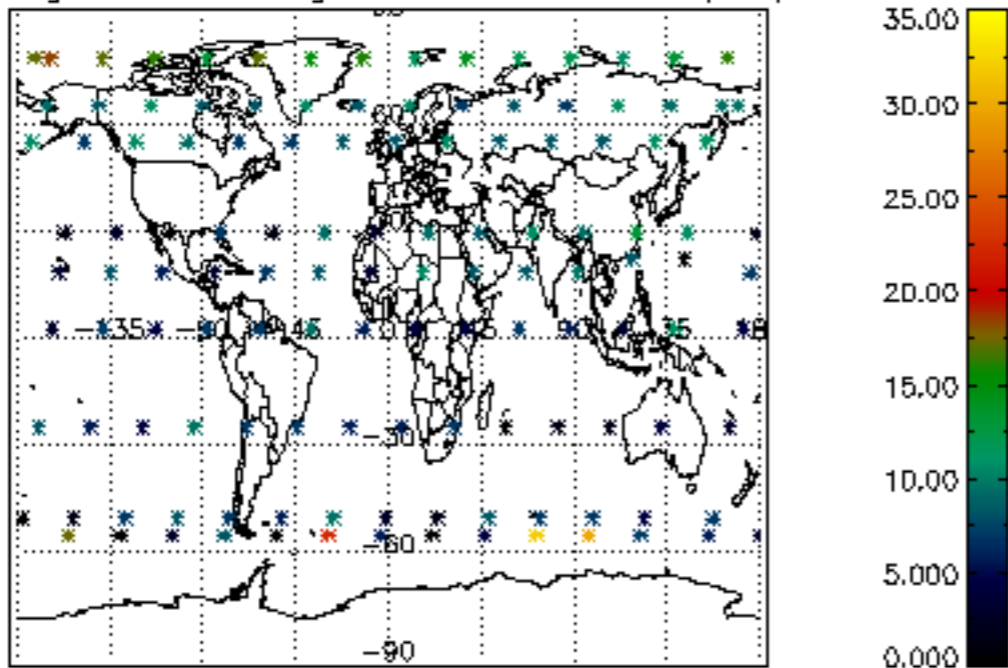
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

