

# 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 06:25:47
Data source version	GOMOS/6.01
Start time of products	08-12-2006 (08DEC2006 00:00:00)
Stop time of products	09-12-2006 (09DEC2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	298
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__2PRFIN20061208_000401_000000312053_00345_24948_4720.N1	08-DEC-2006 00:04:01	Bright	31.000	111	8Eta Boo	2.6800	6000.0	62	24948	No
2	GOM_NL__2PRFIN20061208_000726_000000392053_00345_24948_4721.N1	08-DEC-2006 00:07:26	Bright	38.500	138	47Eps Vir	2.8280	4700.0	77	24948	No
3	GOM_NL__2PRFIN20061208_001210_000000462053_00345_24948_4722.N1	08-DEC-2006 00:12:10	Twilight	46.000	121	29Gam Vir	2.7400	7200.0	92	24948	No
4	GOM_NL__2PRFIN20061208_001949_000000422053_00345_24948_4723.N1	08-DEC-2006 00:19:49	Dark	42.000	171	2Eps Crv	3.0010	4250.0	84	24948	No
5	GOM_NL__2PRFIN20061208_002907_000000392053_00346_24949_4705.N1	08-DEC-2006 00:29:07	Dark	39.000	113	Mu Vel	2.6920	5000.0	78	24949	No
6	GOM_NL__2PRFIN20061208_003749_000000442053_00346_24949_4706.N1	08-DEC-2006 00:37:49	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	24949	No
7	GOM_NL__2PRFIN20061208_003948_000000462053_00346_24949_4707.N1	08-DEC-2006 00:39:48	Dark	45.500	70	Zet Pup	2.2460	39000.	91	24949	No
8	GOM_NL__2PRFIN20061208_004256_000000512053_00346_24949_4708.N1	08-DEC-2006 00:42:56	Dark	51.000	117	Pi Pup	2.7060	3800.0	102	24949	No
9	GOM_NL__2PRFIN20061208_004650_000000382053_00346_24949_4709.N1	08-DEC-2006 00:46:50	Dark	37.500	108	Alp Col	2.6520	15200.	75	24949	No
10	GOM_NL__2PRFIN20061208_005210_000000432053_00346_24949_4710.N1	08-DEC-2006 00:52:10	Straylight	43.000	101	11Alp Lep	2.5820	7000.0	86	24949	No
11	GOM_NL__2PRFIN20061208_005529_000000522053_00346_24949_4711.N1	08-DEC-2006 00:55:29	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	24949	No
12	GOM_NL__2PRFIN20061208_005806_000000482053_00346_24949_4712.N1	08-DEC-2006 00:58:06	Straylight	47.500	30	46Eps Ori	1.6940	30000.	95	24949	No
13	GOM_NL__2PRFIN20061208_010037_000000442053_00346_24949_4713.N1	08-DEC-2006 01:00:37	Twilight	43.500	27	24Gam Ori	1.6360	26000.	87	24949	No
14	GOM_NL__2PRFIN20061208_010306_000000492053_00346_24949_4714.N1	08-DEC-2006 01:03:06	Bright	48.500	13	87Alp Tau	0.86700	3800.0	97	24949	No
15	GOM_NL__2PRFIN20061208_010836_000000382053_00346_24949_4715.N1	08-DEC-2006 01:08:36	Bright	38.000	114	3Iot Aur	2.6930	4600.0	76	24949	No
16	GOM_NL__2PRFIN20061208_011252_000000372053_00346_24949_4716.N1	08-DEC-2006 01:12:52	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	24949	No
17	GOM_NL__2PRFIN20061208_013304_000000342053_00346_24949_4717.N1	08-DEC-2006 01:33:04	Bright	34.000	32	77Eps UMa	1.7630	11000.	68	24949	No
18	GOM_NL__2PRFIN20061208_013521_000000322053_00346_24949_4718.N1	08-DEC-2006 01:35:21	Bright	32.000	39	85Eta UMa	1.8540	24000.	64	24949	No
19	GOM_NL__2PRFIN20061208_013853_000000552053_00346_24949_4719.N1	08-DEC-2006 01:38:53	Bright	55.000	152	12Alp2CVn	2.8900	11000.	110	24949	No
20	GOM_NL__2PRFIN20061208_014437_000000312053_00346_24949_4720.N1	08-DEC-2006 01:44:37	Bright	31.000	111	8Eta Boo	2.6800	6000.0	62	24949	No
21	GOM_NL__2PRFIN20061208_014803_000000392053_00346_24949_4721.N1	08-DEC-2006 01:48:03	Bright	38.500	138	47Eps Vir	2.8280	4700.0	77	24949	No
22	GOM_NL__2PRFIN20061208_015247_000000432053_00346_24949_4722.N1	08-DEC-2006 01:52:47	Twilight	43.000	121	29Gam Vir	2.7400	7200.0	86	24949	No
23	GOM_NL__2PRFIN20061208_020026_000000452053_00346_24949_4723.N1	08-DEC-2006 02:00:26	Dark	45.000	171	2Eps Crv	3.0010	4250.0	90	24949	No
24	GOM_NL__2PRFIN20061208_020944_000000382053_00347_24950_2098.N1	08-DEC-2006 02:09:44	Dark	38.000	113	Mu Vel	2.6920	5000.0	76	24950	No
25	GOM_NL__2PRFIN20061208_021825_000000472053_00347_24950_2099.N1	08-DEC-2006 02:18:25	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	24950	No
26	GOM_NL__2PRFIN20061208_022025_000000452053_00347_24950_2100.N1	08-DEC-2006 02:20:25	Dark	45.000	70	Zet Pup	2.2460	39000.	90	24950	No
27	GOM_NL__2PRFIN20061208_022332_000000502053_00347_24950_2101.N1	08-DEC-2006 02:23:32	Dark	50.000	117	Pi Pup	2.7060	3800.0	100	24950	No
28	GOM_NL__2PRFIN20061208_022726_000000372053_00347_24950_2102.N1	08-DEC-2006 02:27:26	Dark	36.500	108	Alp Col	2.6520	15200.	73	24950	No
29	GOM_NL__2PRFIN20061208_023247_000000422053_00347_24950_2103.N1	08-DEC-2006 02:32:47	Straylight	42.000	101	11Alp Lep	2.5820	7000.0	84	24950	No
30	GOM_NL__2PRFIN20061208_023605_000000462053_00347_24950_2104.N1	08-DEC-2006 02:36:05	Straylight	45.500	7	19Bet Ori	0.10000	14000.	91	24950	No
31	GOM_NL__2PRFIN20061208_023842_000000492053_00347_24950_2105.N1	08-DEC-2006 02:38:42	Straylight	48.500	30	46Eps Ori	1.6940	30000.	97	24950	No
32	GOM_NL__2PRFIN20061208_024113_000000472053_00347_24950_2106.N1	08-DEC-2006 02:41:13	Twilight	47.000	27	24Gam Ori	1.6360	26000.	94	24950	No
33	GOM_NL__2PRFIN20061208_024342_000000462053_00347_24950_2107.N1	08-DEC-2006 02:43:42	Bright	45.500	13	87Alp Tau	0.86700	3800.0	91	24950	No
34	GOM_NL__2PRFIN20061208_024912_000000362053_00347_24950_2108.N1	08-DEC-2006 02:49:12	Bright	35.500	114	3Iot Aur	2.6930	4600.0	71	24950	No
35	GOM_NL__2PRFIN20061208_025328_000000412053_00347_24950_2109.N1	08-DEC-2006 02:53:28	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	24950	No
36	GOM_NL__2PRFIN20061208_025451_000000262053_00347_24950_2110.N1	08-DEC-2006 02:54:51	Twilight	25.500	42	34Bet Aur	1.9000	10200.	51	24950	No
37	GOM_NL__2PRFIN20061208_031001_000000382053_00347_24950_2111.N1	08-DEC-2006 03:10:01	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	24950	No
38	GOM_NL__2PRFIN20061208_031340_000000522053_00347_24950_2112.N1	08-DEC-2006 03:13:40	Bright	52.000	32	77Eps UMa	1.7630	11000.	104	24950	No
39	GOM_NL__2PRFIN20061208_031557_000000292053_00347_24950_2113.N1	08-DEC-2006 03:15:57	Bright	29.000	39	85Eta UMa	1.8540	24000.	58	24950	No
40	GOM_NL__2PRFIN20061208_031930_000000342053_00347_24950_2114.N1	08-DEC-2006 03:19:30	Bright	33.500	152	12Alp2CVn	2.8900	11000.	67	24950	No
41	GOM_NL__2PRFIN20061208_032514_000000312053_00347_24950_2115.N1	08-DEC-2006 03:25:14	Bright	30.500	111	8Eta Boo	2.6800	6000.0	61	24950	No
42	GOM_NL__2PRFIN20061208_032839_000000372053_00347_24950_2116.N1	08-DEC-2006 03:28:39	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	24950	No

43	GOM_NL__2PRFIN20061208_033323_000000452053_00347_24950_2117.N1	08-DEC-2006 03:33:23	Twilight	44.500	121	29Gam Vir	2.7400	7200.0	89	24950	No
44	GOM_NL__2PRFIN20061208_033927_000000432053_00347_24950_2118.N1	08-DEC-2006 03:39:27	Dark	42.500	100	4Gam Crv	2.5800	13100.	85	24950	No
45	GOM_NL__2PRFIN20061208_034103_000000442053_00347_24950_2119.N1	08-DEC-2006 03:41:03	Dark	43.500	171	2Eps Crv	3.0010	4250.0	87	24950	No
46	GOM_NL__2PRFIN20061208_035021_000000392053_00348_24951_2105.N1	08-DEC-2006 03:50:21	Dark	39.000	113	Mu Vel	2.6920	5000.0	78	24951	No
47	GOM_NL__2PRFIN20061208_035902_000000422053_00348_24951_2106.N1	08-DEC-2006 03:59:02	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	24951	No
48	GOM_NL__2PRFIN20061208_040102_000000492053_00348_24951_2107.N1	08-DEC-2006 04:01:02	Dark	48.500	70	Zet Pup	2.2460	39000.	97	24951	No
49	GOM_NL__2PRFIN20061208_040409_000000502053_00348_24951_2108.N1	08-DEC-2006 04:04:09	Dark	50.000	117	Pi Pup	2.7060	3800.0	100	24951	No
50	GOM_NL__2PRFIN20061208_040803_000000372053_00348_24951_2109.N1	08-DEC-2006 04:08:03	Dark	36.500	108	Alp Col	2.6520	15200.	73	24951	No
51	GOM_NL__2PRFIN20061208_041323_000000412053_00348_24951_2110.N1	08-DEC-2006 04:13:23	Straylight	40.500	101	11Alp Lep	2.5820	7000.0	81	24951	No
52	GOM_NL__2PRFIN20061208_041641_000000432053_00348_24951_2111.N1	08-DEC-2006 04:16:41	Straylight	43.000	7	19Bet Ori	0.10000	14000.	86	24951	No
53	GOM_NL__2PRFIN20061208_041918_000000472053_00348_24951_2112.N1	08-DEC-2006 04:19:18	Straylight	47.000	30	46Eps Ori	1.6940	30000.	94	24951	No
54	GOM_NL__2PRFIN20061208_042148_000000482053_00348_24951_2113.N1	08-DEC-2006 04:21:48	Twilight	47.500	27	24Gam Ori	1.6360	26000.	95	24951	No
55	GOM_NL__2PRFIN20061208_042418_000000522053_00348_24951_2114.N1	08-DEC-2006 04:24:18	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	24951	No
56	GOM_NL__2PRFIN20061208_042947_000000372053_00348_24951_2115.N1	08-DEC-2006 04:29:47	Bright	36.500	114	3lot Aur	2.6930	4600.0	73	24951	No
57	GOM_NL__2PRFIN20061208_043403_000000402053_00348_24951_2116.N1	08-DEC-2006 04:34:03	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	24951	No
58	GOM_NL__2PRFIN20061208_043526_000000262053_00348_24951_2117.N1	08-DEC-2006 04:35:26	Twilight	25.500	42	34Bet Aur	1.9000	10200.	51	24951	No
59	GOM_NL__2PRFIN20061208_045036_000000382053_00348_24951_2118.N1	08-DEC-2006 04:50:36	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	24951	No
60	GOM_NL__2PRFIN20061208_045416_000000522053_00348_24951_2119.N1	08-DEC-2006 04:54:16	Bright	52.000	32	77Eps UMa	1.7630	11000.	104	24951	No
61	GOM_NL__2PRFIN20061208_045633_000000322053_00348_24951_2120.N1	08-DEC-2006 04:56:33	Bright	32.000	39	85Eta UMa	1.8540	24000.	64	24951	No
62	GOM_NL__2PRFIN20061208_050005_000000362053_00348_24951_2121.N1	08-DEC-2006 05:00:05	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	24951	No
63	GOM_NL__2PRFIN20061208_050550_000000322053_00348_24951_2122.N1	08-DEC-2006 05:05:50	Bright	31.500	111	8Eta Boo	2.6800	6000.0	63	24951	No
64	GOM_NL__2PRFIN20061208_050915_000000392053_00348_24951_2123.N1	08-DEC-2006 05:09:15	Bright	39.000	138	47Eps Vir	2.8280	4700.0	78	24951	No
65	GOM_NL__2PRFIN20061208_051400_000000462053_00348_24951_2124.N1	08-DEC-2006 05:14:00	Twilight	45.500	121	29Gam Vir	2.7400	7200.0	91	24951	No
66	GOM_NL__2PRFIN20061208_052004_000000442053_00348_24951_2125.N1	08-DEC-2006 05:20:04	Dark	44.000	100	4Gam Crv	2.5800	13100.	88	24951	No
67	GOM_NL__2PRFIN20061208_052140_000000452053_00348_24951_2126.N1	08-DEC-2006 05:21:40	Dark	44.500	171	2Eps Crv	3.0010	4250.0	89	24951	No
68	GOM_NL__2PRFIN20061208_063112_000000402053_00349_24952_2113.N1	08-DEC-2006 06:31:12	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	24952	No
69	GOM_NL__2PRFIN20061208_063452_000000342053_00349_24952_2114.N1	08-DEC-2006 06:34:52	Bright	33.500	32	77Eps UMa	1.7630	11000.	67	24952	No
70	GOM_NL__2PRFIN20061208_063709_000000332053_00349_24952_2115.N1	08-DEC-2006 06:37:09	Bright	32.500	39	85Eta UMa	1.8540	24000.	65	24952	No
71	GOM_NL__2PRFIN20061208_064042_000000362053_00349_24952_2116.N1	08-DEC-2006 06:40:42	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	24952	No
72	GOM_NL__2PRFIN20061208_064626_000000312053_00349_24952_2117.N1	08-DEC-2006 06:46:26	Bright	31.000	111	8Eta Boo	2.6800	6000.0	62	24952	No
73	GOM_NL__2PRFIN20061208_064952_000000522053_00349_24952_2118.N1	08-DEC-2006 06:49:52	Bright	52.000	138	47Eps Vir	2.8280	4700.0	104	24952	No
74	GOM_NL__2PRFIN20061208_065437_000000442053_00349_24952_2119.N1	08-DEC-2006 06:54:37	Twilight	43.500	121	29Gam Vir	2.7400	7200.0	87	24952	No
75	GOM_NL__2PRFIN20061208_070041_000000452053_00349_24952_2120.N1	08-DEC-2006 07:00:41	Dark	45.000	100	4Gam Crv	2.5800	13100.	90	24952	No
76	GOM_NL__2PRFIN20061208_070217_000000482053_00349_24952_2121.N1	08-DEC-2006 07:02:17	Dark	48.000	171	2Eps Crv	3.0010	4250.0	96	24952	No
77	GOM_NL__2PRFIN20061208_071135_000000382053_00350_24953_2189.N1	08-DEC-2006 07:11:35	Dark	38.000	113	Mu Vel	2.6920	5000.0	76	24953	No
78	GOM_NL__2PRFIN20061208_072016_000000402053_00350_24953_2190.N1	08-DEC-2006 07:20:16	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	24953	No
79	GOM_NL__2PRFIN20061208_072215_000000462053_00350_24953_2191.N1	08-DEC-2006 07:22:15	Dark	45.500	70	Zet Pup	2.2460	39000.	91	24953	No
80	GOM_NL__2PRFIN20061208_072523_000000502053_00350_24953_2192.N1	08-DEC-2006 07:25:23	Dark	49.500	117	Pi Pup	2.7060	3800.0	99	24953	No
81	GOM_NL__2PRFIN20061208_072915_000000382053_00350_24953_2193.N1	08-DEC-2006 07:29:15	Dark	37.500	108	Alp Col	2.6520	15200.	75	24953	No
82	GOM_NL__2PRFIN20061208_073435_000000422053_00350_24953_2194.N1	08-DEC-2006 07:34:35	Straylight	41.500	101	11Alp Lep	2.5820	7000.0	83	24953	No
83	GOM_NL__2PRFIN20061208_073753_000000472053_00350_24953_2195.N1	08-DEC-2006 07:37:53	Straylight	47.000	7	19Bet Ori	0.10000	14000.	94	24953	No
84	GOM_NL__2PRFIN20061208_074029_000000452053_00350_24953_2196.N1	08-DEC-2006 07:40:29	Straylight	45.000	30	46Eps Ori	1.6940	30000.	90	24953	No
85	GOM_NL__2PRFIN20061208_074300_000000452053_00350_24953_2197.N1	08-DEC-2006 07:43:00	Twilight	44.500	27	24Gam Ori	1.6360	26000.	89	24953	No
86	GOM_NL__2PRFIN20061208_074530_000000512053_00350_24953_2198.N1	08-DEC-2006 07:45:30	Bright	51.000	13	87Alp Tau	0.86700	3800.0	102	24953	No
87	GOM_NL__2PRFIN20061208_075058_000000362053_00350_24953_2199.N1	08-DEC-2006 07:50:58	Bright	36.000	114	3lot Aur	2.6930	4600.0	72	24953	No
88	GOM_NL__2PRFIN20061208_075514_000000412053_00350_24953_2200.N1	08-DEC-2006 07:55:14	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	24953	No
89	GOM_NL__2PRFIN20061208_075636_000000312053_00350_24953_2201.N1	08-DEC-2006 07:56:36	Bright	31.000	42	34Bet Aur	1.9000	10200.	62	24953	No
90	GOM_NL__2PRFIN20061208_081147_000000382053_00350_24953_2202.N1	08-DEC-2006 08:11:47	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	24953	No
91	GOM_NL__2PRFIN20061208_081527_000000352053_00350_24953_2203.N1	08-DEC-2006 08:15:27	Bright	34.500	32	77Eps UMa	1.7630	11000.	69	24953	No
92	GOM_NL__2PRFIN20061208_081745_000000312053_00350_24953_2204.N1	08-DEC-2006 08:17:45	Bright	31.000	39	85Eta UMa	1.8540	24000.	62	24953	No
93	GOM_NL__2PRFIN20061208_082118_000000352053_00350_24953_2205.N1	08-DEC-2006 08:21:18	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	24953	No
94	GOM_NL__2PRFIN20061208_082702_000000312053_00350_24953_2206.N1	08-DEC-2006 08:27:02	Bright	30.500	111	8Eta Boo	2.6800	6000.0	61	24953	No
95	GOM_NL__2PRFIN20061208_083028_000000572053_00350_24953_2207.N1	08-DEC-2006 08:30:28	Bright	57.000	138	47Eps Vir	2.8280	4700.0	114	24953	No
96	GOM_NL__2PRFIN20061208_083514_000000462053_00350_24953_2208.N1	08-DEC-2006 08:35:14	Twilight	45.500	121	29Gam Vir	2.7400	7200.0	91	24953	No
97	GOM_NL__2PRFIN20061208_084118_000000462053_00350_24953_2209.N1	08-DEC-2006 08:41:18	Dark	45.500	100	4Gam Crv	2.5800	13100.	91	24953	No
98	GOM_NL__2PRFIN20061208_084254_000000442053_00350_24953_2210.N1	08-DEC-2006 08:42:54	Dark	44.000	171	2Eps Crv	3.0010	4250.0	88	24953	No
99	GOM_NL__2PRFIN20061208_085211_000000392053_00351_24954_2339.N1	08-DEC-2006 08:52:11	Dark	38.500	113	Mu Vel	2.6920	5000.0	77	24954	No
100	GOM_NL__2PRFIN20061208_090053_000000402053_00351_24954_2340.N1	08-DEC-2006 09:00:53	Dark	40.000	34	Gam2Vel	1.7930	23000.	80	24954	No
101	GOM_NL__2PRFIN20061208_090252_000000452053_00351_24954_2341.N1	08-DEC-2006 09:02:52	Dark	45.000	70	Zet Pup	2.2460	39000.	90	24954	No

102	GOM_NL__2PRFIN20061208_090559_000000512053_00351_24954_2342.N1	08-DEC-2006 09:05:59	Dark	50.500	117	Pi Pup	2.7060	3800.0	101	24954	No
103	GOM_NL__2PRFIN20061208_090952_000000352053_00351_24954_2343.N1	08-DEC-2006 09:09:52	Dark	35.000	108	Alp Col	2.6520	15200.	70	24954	No
104	GOM_NL__2PRFIN20061208_091511_000000402053_00351_24954_2344.N1	08-DEC-2006 09:15:11	Straylight	39.500	101	11Alp Lep	2.5820	7000.0	79	24954	No
105	GOM_NL__2PRFIN20061208_091829_000000532053_00351_24954_2345.N1	08-DEC-2006 09:18:29	Straylight	52.500	7	19Bet Ori	0.10000	14000.	105	24954	No
106	GOM_NL__2PRFIN20061208_092105_000000462053_00351_24954_2346.N1	08-DEC-2006 09:21:05	Straylight	46.000	30	46Eps Ori	1.6940	30000.	92	24954	No
107	GOM_NL__2PRFIN20061208_092335_000000462053_00351_24954_2347.N1	08-DEC-2006 09:23:35	Tw_i_and_stray	46.000	27	24Gam Ori	1.6360	26000.	92	24954	No
108	GOM_NL__2PRFIN20061208_092605_000000512053_00351_24954_2348.N1	08-DEC-2006 09:26:05	Bright	51.000	13	87Alp Tau	0.86700	3800.0	102	24954	No
109	GOM_NL__2PRFIN20061208_093134_000000372053_00351_24954_2349.N1	08-DEC-2006 09:31:34	Bright	37.000	114	3lot Aur	2.6930	4600.0	74	24954	No
110	GOM_NL__2PRFIN20061208_093550_000000362053_00351_24954_2350.N1	08-DEC-2006 09:35:50	Bright	35.500	6	13Alp Aur	0.080000	3400.0	71	24954	No
111	GOM_NL__2PRFIN20061208_093711_000000362053_00351_24954_2351.N1	08-DEC-2006 09:37:11	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	24954	No
112	GOM_NL__2PRFIN20061208_095223_000000582053_00351_24954_2352.N1	08-DEC-2006 09:52:23	Bright	58.000	36	50Alp UMa	1.8000	6300.0	116	24954	No
113	GOM_NL__2PRFIN20061208_095603_000000312053_00351_24954_2353.N1	08-DEC-2006 09:56:03	Bright	31.000	32	77Eps UMa	1.7630	11000.	62	24954	No
114	GOM_NL__2PRFIN20061208_095821_000000292053_00351_24954_2354.N1	08-DEC-2006 09:58:21	Bright	29.000	39	85Eta UMa	1.8540	24000.	58	24954	No
115	GOM_NL__2PRFIN20061208_100153_000000362053_00351_24954_2355.N1	08-DEC-2006 10:01:53	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	24954	No
116	GOM_NL__2PRFIN20061208_100738_000000312053_00351_24954_2356.N1	08-DEC-2006 10:07:38	Bright	31.000	111	8Eta Boo	2.6800	6000.0	62	24954	No
117	GOM_NL__2PRFIN20061208_101105_000000572053_00351_24954_2357.N1	08-DEC-2006 10:11:05	Bright	57.000	138	47Eps Vir	2.8280	4700.0	114	24954	No
118	GOM_NL__2PRFIN20061208_101550_000000442053_00351_24954_2358.N1	08-DEC-2006 10:15:50	Tw_i_and_stray	44.000	121	29Gam Vir	2.7400	7200.0	88	24954	No
119	GOM_NL__2PRFIN20061208_102155_000000462053_00351_24954_2359.N1	08-DEC-2006 10:21:55	Dark	45.500	100	4Gam Crv	2.5800	13100.	91	24954	No
120	GOM_NL__2PRFIN20061208_102331_000000432053_00351_24954_2360.N1	08-DEC-2006 10:23:31	Dark	43.000	171	2Eps Crv	3.0010	4250.0	86	24954	No
121	GOM_NL__2PRFIN20061208_103248_000000402053_00352_24955_2711.N1	08-DEC-2006 10:32:48	Dark	39.500	113	Mu Vel	2.6920	5000.0	79	24955	No
122	GOM_NL__2PRFIN20061208_104129_000000402053_00352_24955_2712.N1	08-DEC-2006 10:41:29	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	24955	No
123	GOM_NL__2PRFIN20061208_104329_000000462053_00352_24955_2713.N1	08-DEC-2006 10:43:29	Dark	45.500	70	Zet Pup	2.2460	39000.	91	24955	No
124	GOM_NL__2PRFIN20061208_104636_000000512053_00352_24955_2714.N1	08-DEC-2006 10:46:36	Dark	51.000	117	Pi Pup	2.7060	3800.0	102	24955	No
125	GOM_NL__2PRFIN20061208_105028_000000362053_00352_24955_2715.N1	08-DEC-2006 10:50:28	Dark	36.000	108	Alp Col	2.6520	15200.	72	24955	No
126	GOM_NL__2PRFIN20061208_105547_000000382053_00352_24955_2716.N1	08-DEC-2006 10:55:47	Straylight	38.000	101	11Alp Lep	2.5820	7000.0	76	24955	No
127	GOM_NL__2PRFIN20061208_105905_000000482053_00352_24955_2717.N1	08-DEC-2006 10:59:05	Straylight	48.000	7	19Bet Ori	0.10000	14000.	96	24955	No
128	GOM_NL__2PRFIN20061208_110140_000000462053_00352_24955_2718.N1	08-DEC-2006 11:01:40	Straylight	45.500	30	46Eps Ori	1.6940	30000.	91	24955	No
129	GOM_NL__2PRFIN20061208_110411_000000442053_00352_24955_2719.N1	08-DEC-2006 11:04:11	Tw_i_and_stray	43.500	27	24Gam Ori	1.6360	26000.	87	24955	No
130	GOM_NL__2PRFIN20061208_110641_000000512053_00352_24955_2720.N1	08-DEC-2006 11:06:41	Bright	51.000	13	87Alp Tau	0.86700	3800.0	102	24955	No
131	GOM_NL__2PRFIN20061208_111209_000000362053_00352_24955_2721.N1	08-DEC-2006 11:12:09	Bright	36.000	114	3lot Aur	2.6930	4600.0	72	24955	No
132	GOM_NL__2PRFIN20061208_111625_000000392053_00352_24955_2722.N1	08-DEC-2006 11:16:25	Bright	38.500	6	13Alp Aur	0.080000	3400.0	77	24955	No
133	GOM_NL__2PRFIN20061208_111746_000000362053_00352_24955_2723.N1	08-DEC-2006 11:17:46	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	24955	No
134	GOM_NL__2PRFIN20061208_113258_000000582053_00352_24955_2724.N1	08-DEC-2006 11:32:58	Bright	58.000	36	50Alp UMa	1.8000	6300.0	116	24955	No
135	GOM_NL__2PRFIN20061208_113639_000000342053_00352_24955_2725.N1	08-DEC-2006 11:36:39	Bright	34.000	32	77Eps UMa	1.7630	11000.	68	24955	No
136	GOM_NL__2PRFIN20061208_113857_000000322053_00352_24955_2726.N1	08-DEC-2006 11:38:57	Bright	32.000	39	85Eta UMa	1.8540	24000.	64	24955	No
137	GOM_NL__2PRFIN20061208_114229_000000352053_00352_24955_2727.N1	08-DEC-2006 11:42:29	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	24955	No
138	GOM_NL__2PRFIN20061208_114814_000000312053_00352_24955_2728.N1	08-DEC-2006 11:48:14	Bright	31.000	111	8Eta Boo	2.6800	6000.0	62	24955	No
139	GOM_NL__2PRFIN20061208_115141_000000392053_00352_24955_2729.N1	08-DEC-2006 11:51:41	Bright	39.000	138	47Eps Vir	2.8280	4700.0	78	24955	No
140	GOM_NL__2PRFIN20061208_115627_000000462053_00352_24955_2730.N1	08-DEC-2006 11:56:27	Tw_i_and_stray	45.500	121	29Gam Vir	2.7400	7200.0	91	24955	No
141	GOM_NL__2PRFIN20061208_120232_000000462053_00352_24955_2731.N1	08-DEC-2006 12:02:32	Dark	45.500	100	4Gam Crv	2.5800	13100.	91	24955	No
142	GOM_NL__2PRFIN20061208_120408_000000462053_00352_24955_2732.N1	08-DEC-2006 12:04:08	Dark	46.000	171	2Eps Crv	3.0010	4250.0	92	24955	No
143	GOM_NL__2PRFIN20061208_121325_000000402053_00353_24956_2863.N1	08-DEC-2006 12:13:25	Dark	39.500	113	Mu Vel	2.6920	5000.0	79	24956	No
144	GOM_NL__2PRFIN20061208_122206_000000422053_00353_24956_2864.N1	08-DEC-2006 12:22:06	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	24956	No
145	GOM_NL__2PRFIN20061208_122406_000000452053_00353_24956_2865.N1	08-DEC-2006 12:24:06	Dark	45.000	70	Zet Pup	2.2460	39000.	90	24956	No
146	GOM_NL__2PRFIN20061208_122712_000000522053_00353_24956_2866.N1	08-DEC-2006 12:27:12	Dark	51.500	117	Pi Pup	2.7060	3800.0	103	24956	No
147	GOM_NL__2PRFIN20061208_123104_000000382053_00353_24956_2867.N1	08-DEC-2006 12:31:04	Dark	37.500	108	Alp Col	2.6520	15200.	75	24956	No
148	GOM_NL__2PRFIN20061208_123623_000000442053_00353_24956_2868.N1	08-DEC-2006 12:36:23	Straylight	44.000	101	11Alp Lep	2.5820	7000.0	88	24956	No
149	GOM_NL__2PRFIN20061208_123941_000000522053_00353_24956_2869.N1	08-DEC-2006 12:39:41	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	24956	No
150	GOM_NL__2PRFIN20061208_124216_000000482053_00353_24956_2870.N1	08-DEC-2006 12:42:16	Straylight	48.000	30	46Eps Ori	1.6940	30000.	96	24956	No
151	GOM_NL__2PRFIN20061208_124446_000000462053_00353_24956_2871.N1	08-DEC-2006 12:44:46	Tw_i_and_stray	45.500	27	24Gam Ori	1.6360	26000.	91	24956	No
152	GOM_NL__2PRFIN20061208_124716_000000502053_00353_24956_2872.N1	08-DEC-2006 12:47:16	Bright	50.000	13	87Alp Tau	0.86700	3800.0	100	24956	No
153	GOM_NL__2PRFIN20061208_125245_000000362053_00353_24956_2873.N1	08-DEC-2006 12:52:45	Bright	35.500	114	3lot Aur	2.6930	4600.0	71	24956	No
154	GOM_NL__2PRFIN20061208_125700_000000382053_00353_24956_2874.N1	08-DEC-2006 12:57:00	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	24956	No
155	GOM_NL__2PRFIN20061208_125822_000000392053_00353_24956_2875.N1	08-DEC-2006 12:58:22	Bright	39.000	42	34Bet Aur	1.9000	10200.	78	24956	No
156	GOM_NL__2PRFIN20061208_131334_000000392053_00353_24956_2876.N1	08-DEC-2006 13:13:34	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	24956	No
157	GOM_NL__2PRFIN20061208_131714_000000332053_00353_24956_2877.N1	08-DEC-2006 13:17:14	Bright	33.000	32	77Eps UMa	1.7630	11000.	66	24956	No
158	GOM_NL__2PRFIN20061208_131932_000000302053_00353_24956_2878.N1	08-DEC-2006 13:19:32	Bright	30.000	39	85Eta UMa	1.8540	24000.	60	24956	No
159	GOM_NL__2PRFIN20061208_132305_000000352053_00353_24956_2879.N1	08-DEC-2006 13:23:05	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	24956	No
160	GOM_NL__2PRFIN20061208_132851_000000322053_00353_24956_2880.N1	08-DEC-2006 13:28:51	Bright	32.000	111	8Eta Boo	2.6800	6000.0	64	24956	No

161	GOM_NL__2PRFIN20061208_133218_000000382053_00353_24956_2881.N1	08-DEC-2006 13:32:18	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	24956	No
162	GOM_NL__2PRFIN20061208_133704_000000452053_00353_24956_2882.N1	08-DEC-2006 13:37:04	Tw_i_and_stray	44.500	121	29Gam Vir	2.7400	7200.0	89	24956	No
163	GOM_NL__2PRFIN20061208_134309_000000432053_00353_24956_2883.N1	08-DEC-2006 13:43:09	Dark	43.000	100	4Gam Crv	2.5800	13100.	86	24956	No
164	GOM_NL__2PRFIN20061208_134445_000000452053_00353_24956_2884.N1	08-DEC-2006 13:44:45	Dark	44.500	171	2Eps Crv	3.0010	4250.0	89	24956	No
165	GOM_NL__2PRFIN20061208_135402_000000382053_00354_24957_2996.N1	08-DEC-2006 13:54:02	Dark	37.500	113	Mu Vel	2.6920	5000.0	75	24957	No
166	GOM_NL__2PRFIN20061208_140243_000000412053_00354_24957_2997.N1	08-DEC-2006 14:02:43	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	24957	No
167	GOM_NL__2PRFIN20061208_140442_000000442053_00354_24957_2998.N1	08-DEC-2006 14:04:42	Dark	43.500	70	Zet Pup	2.2460	39000.	87	24957	No
168	GOM_NL__2PRFIN20061208_140749_000000512053_00354_24957_2999.N1	08-DEC-2006 14:07:49	Dark	50.500	117	Pi Pup	2.7060	3800.0	101	24957	No
169	GOM_NL__2PRFIN20061208_141659_000000422053_00354_24957_3000.N1	08-DEC-2006 14:16:59	Straylight	41.500	101	11Alp Lep	2.5820	7000.0	83	24957	No
170	GOM_NL__2PRFIN20061208_142017_000000542053_00354_24957_3001.N1	08-DEC-2006 14:20:17	Straylight	53.500	7	19Bet Ori	0.10000	14000.	107	24957	No
171	GOM_NL__2PRFIN20061208_142252_000000482053_00354_24957_3002.N1	08-DEC-2006 14:22:52	Straylight	47.500	30	46Eps Ori	1.6940	30000.	95	24957	No
172	GOM_NL__2PRFIN20061208_142522_000000482053_00354_24957_3003.N1	08-DEC-2006 14:25:22	Tw_i_and_stray	47.500	27	24Gam Ori	1.6360	26000.	95	24957	No
173	GOM_NL__2PRFIN20061208_142752_000000452053_00354_24957_3004.N1	08-DEC-2006 14:27:52	Bright	45.000	13	87Alp Tau	0.86700	3800.0	90	24957	No
174	GOM_NL__2PRFIN20061208_143320_000000362053_00354_24957_3005.N1	08-DEC-2006 14:33:20	Bright	36.000	114	3lot Aur	2.6930	4600.0	72	24957	No
175	GOM_NL__2PRFIN20061208_143736_000000412053_00354_24957_3006.N1	08-DEC-2006 14:37:36	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	24957	No
176	GOM_NL__2PRFIN20061208_143857_000000402053_00354_24957_3007.N1	08-DEC-2006 14:38:57	Bright	40.000	42	34Bet Aur	1.9000	10200.	80	24957	No
177	GOM_NL__2PRFIN20061208_145409_000000392053_00354_24957_3008.N1	08-DEC-2006 14:54:09	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	24957	No
178	GOM_NL__2PRFIN20061208_145750_000000352053_00354_24957_3009.N1	08-DEC-2006 14:57:50	Bright	35.000	32	77Eps UMa	1.7630	11000.	70	24957	No
179	GOM_NL__2PRFIN20061208_150008_000000332053_00354_24957_3010.N1	08-DEC-2006 15:00:08	Bright	32.500	39	85Eta UMa	1.8540	24000.	65	24957	No
180	GOM_NL__2PRFIN20061208_150341_000000352053_00354_24957_3011.N1	08-DEC-2006 15:03:41	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	24957	No
181	GOM_NL__2PRFIN20061208_150927_000000322053_00354_24957_3012.N1	08-DEC-2006 15:09:27	Bright	31.500	111	8Eta Boo	2.6800	6000.0	63	24957	No
182	GOM_NL__2PRFIN20061208_151254_000000392053_00354_24957_3013.N1	08-DEC-2006 15:12:54	Bright	38.500	138	47Eps Vir	2.8280	4700.0	77	24957	No
183	GOM_NL__2PRFIN20061208_151740_000000462053_00354_24957_3014.N1	08-DEC-2006 15:17:40	Tw_i_and_stray	45.500	121	29Gam Vir	2.7400	7200.0	91	24957	No
184	GOM_NL__2PRFIN20061208_152346_000000422053_00354_24957_3015.N1	08-DEC-2006 15:23:46	Dark	42.000	100	4Gam Crv	2.5800	13100.	84	24957	No
185	GOM_NL__2PRFIN20061208_152522_000000432053_00354_24957_3016.N1	08-DEC-2006 15:25:22	Dark	42.500	171	2Eps Crv	3.0010	4250.0	85	24957	No
186	GOM_NL__2PRFIN20061208_153439_000000382053_00355_24958_3144.N1	08-DEC-2006 15:34:39	Dark	38.000	113	Mu Vel	2.6920	5000.0	76	24958	No
187	GOM_NL__2PRFIN20061208_154319_000000392053_00355_24958_3145.N1	08-DEC-2006 15:43:19	Dark	39.000	34	Gam2Vel	1.7930	23000.	78	24958	No
188	GOM_NL__2PRFIN20061208_154519_000000482053_00355_24958_3146.N1	08-DEC-2006 15:45:19	Dark	47.500	70	Zet Pup	2.2460	39000.	95	24958	No
189	GOM_NL__2PRFIN20061208_154825_000000592053_00355_24958_3147.N1	08-DEC-2006 15:48:25	Dark	58.500	117	Pi Pup	2.7060	3800.0	117	24958	No
190	GOM_NL__2PRFIN20061208_155217_000000372053_00355_24958_3148.N1	08-DEC-2006 15:52:17	Dark	37.000	108	Alp Col	2.6520	15200.	74	24958	No
191	GOM_NL__2PRFIN20061208_155735_000000412053_00355_24958_3149.N1	08-DEC-2006 15:57:35	Straylight	41.000	101	11Alp Lep	2.5820	7000.0	82	24958	No
192	GOM_NL__2PRFIN20061208_160053_000000502053_00355_24958_3150.N1	08-DEC-2006 16:00:53	Straylight	49.500	7	19Bet Ori	0.10000	14000.	99	24958	No
193	GOM_NL__2PRFIN20061208_160327_000000472053_00355_24958_3151.N1	08-DEC-2006 16:03:27	Straylight	46.500	30	46Eps Ori	1.6940	30000.	93	24958	No
194	GOM_NL__2PRFIN20061208_160558_000000442053_00355_24958_3152.N1	08-DEC-2006 16:05:58	Tw_i_and_stray	43.500	27	24Gam Ori	1.6360	26000.	87	24958	No
195	GOM_NL__2PRFIN20061208_160828_000000462053_00355_24958_3153.N1	08-DEC-2006 16:08:28	Bright	45.500	13	87Alp Tau	0.86700	3800.0	91	24958	No
196	GOM_NL__2PRFIN20061208_161356_000000352053_00355_24958_3154.N1	08-DEC-2006 16:13:56	Bright	35.000	114	3lot Aur	2.6930	4600.0	70	24958	No
197	GOM_NL__2PRFIN20061208_161811_000000402053_00355_24958_3155.N1	08-DEC-2006 16:18:11	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	24958	No
198	GOM_NL__2PRFIN20061208_161932_000000402053_00355_24958_3156.N1	08-DEC-2006 16:19:32	Bright	39.500	42	34Bet Aur	1.9000	10200.	79	24958	No
199	GOM_NL__2PRFIN20061208_163445_000000382053_00355_24958_3157.N1	08-DEC-2006 16:34:45	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	24958	No
200	GOM_NL__2PRFIN20061208_163826_000000372053_00355_24958_3158.N1	08-DEC-2006 16:38:26	Bright	36.500	32	77Eps UMa	1.7630	11000.	73	24958	No
201	GOM_NL__2PRFIN20061208_164044_000000312053_00355_24958_3159.N1	08-DEC-2006 16:40:44	Bright	30.500	39	85Eta UMa	1.8540	24000.	61	24958	No
202	GOM_NL__2PRFIN20061208_164417_000000362053_00355_24958_3160.N1	08-DEC-2006 16:44:17	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	24958	No
203	GOM_NL__2PRFIN20061208_165003_000000322053_00355_24958_3161.N1	08-DEC-2006 16:50:03	Bright	31.500	111	8Eta Boo	2.6800	6000.0	63	24958	No
204	GOM_NL__2PRFIN20061208_165330_000000402053_00355_24958_3162.N1	08-DEC-2006 16:53:30	Bright	40.000	138	47Eps Vir	2.8280	4700.0	80	24958	No
205	GOM_NL__2PRFIN20061208_165817_000000422053_00355_24958_3163.N1	08-DEC-2006 16:58:17	Tw_i_and_stray	41.500	121	29Gam Vir	2.7400	7200.0	83	24958	No
206	GOM_NL__2PRFIN20061208_170423_000000432053_00355_24958_3164.N1	08-DEC-2006 17:04:23	Dark	43.000	100	4Gam Crv	2.5800	13100.	86	24958	No
207	GOM_NL__2PRFIN20061208_170559_000000482053_00355_24958_3165.N1	08-DEC-2006 17:05:59	Dark	48.000	171	2Eps Crv	3.0010	4250.0	96	24958	No
208	GOM_NL__2PRFIN20061208_171515_000000382053_00356_24959_3283.N1	08-DEC-2006 17:15:15	Dark	38.000	113	Mu Vel	2.6920	5000.0	76	24959	No
209	GOM_NL__2PRFIN20061208_172356_000000412053_00356_24959_3284.N1	08-DEC-2006 17:23:56	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	24959	No
210	GOM_NL__2PRFIN20061208_172556_000000442053_00356_24959_3285.N1	08-DEC-2006 17:25:56	Dark	43.500	70	Zet Pup	2.2460	39000.	87	24959	No
211	GOM_NL__2PRFIN20061208_172902_000000542053_00356_24959_3286.N1	08-DEC-2006 17:29:02	Dark	53.500	117	Pi Pup	2.7060	3800.0	107	24959	No
212	GOM_NL__2PRFIN20061208_173253_000000392053_00356_24959_3287.N1	08-DEC-2006 17:32:53	Dark	38.500	108	Alp Col	2.6520	15200.	77	24959	No
213	GOM_NL__2PRFIN20061208_173811_000000452053_00356_24959_3288.N1	08-DEC-2006 17:38:11	Straylight	44.500	101	11Alp Lep	2.5820	7000.0	89	24959	No
214	GOM_NL__2PRFIN20061208_174128_000000492053_00356_24959_3289.N1	08-DEC-2006 17:41:28	Straylight	49.000	7	19Bet Ori	0.10000	14000.	98	24959	No
215	GOM_NL__2PRFIN20061208_174403_000000502053_00356_24959_3290.N1	08-DEC-2006 17:44:03	Straylight	50.000	30	46Eps Ori	1.6940	30000.	100	24959	No
216	GOM_NL__2PRFIN20061208_174633_000000472053_00356_24959_3291.N1	08-DEC-2006 17:46:33	Tw_i_and_stray	46.500	27	24Gam Ori	1.6360	26000.	93	24959	No
217	GOM_NL__2PRFIN20061208_174904_000000512053_00356_24959_3292.N1	08-DEC-2006 17:49:04	Bright	51.000	13	87Alp Tau	0.86700	3800.0	102	24959	No
218	GOM_NL__2PRFIN20061208_175431_000000362053_00356_24959_3293.N1	08-DEC-2006 17:54:31	Bright	36.000	114	3lot Aur	2.6930	4600.0	72	24959	No
219	GOM_NL__2PRFIN20061208_175847_000000552053_00356_24959_3294.N1	08-DEC-2006 17:58:47	Bright	55.000	6	13Alp Aur	0.080000	3400.0	110	24959	No

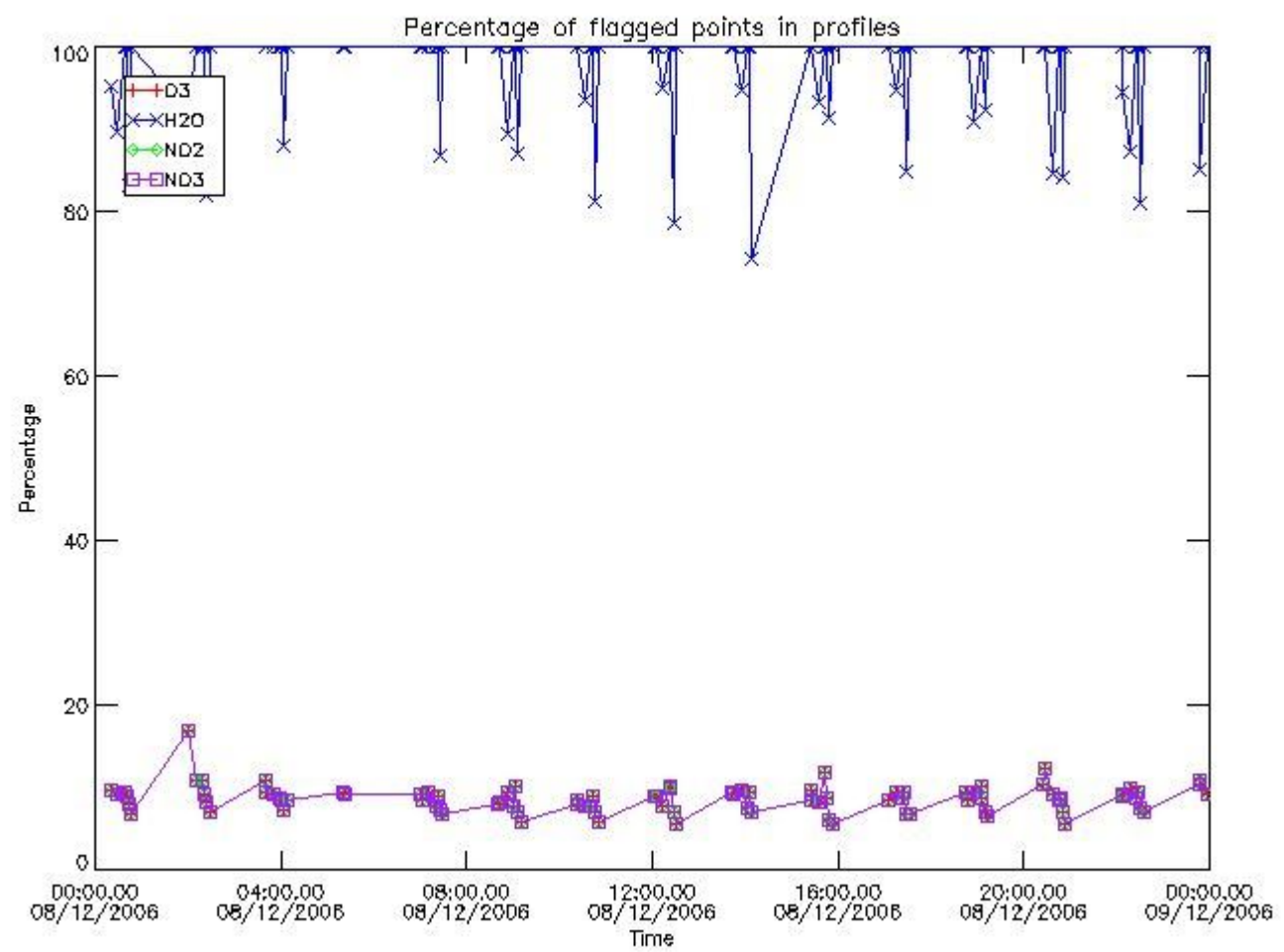
220	GOM_NL__2PRFIN20061208_180007_000000432053_00356_24959_3295.N1	08-DEC-2006 18:00:07	Bright	43.000	42	34Bet Aur	1.9000	10200.	86	24959	No
221	GOM_NL__2PRFIN20061208_181520_000000402053_00356_24959_3296.N1	08-DEC-2006 18:15:20	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	24959	No
222	GOM_NL__2PRFIN20061208_181902_000000322053_00356_24959_3297.N1	08-DEC-2006 18:19:02	Bright	31.500	32	77Eps UMa	1.7630	11000.	63	24959	No
223	GOM_NL__2PRFIN20061208_182120_000000332053_00356_24959_3298.N1	08-DEC-2006 18:21:20	Bright	33.000	39	85Eta UMa	1.8540	24000.	66	24959	No
224	GOM_NL__2PRFIN20061208_182453_000000352053_00356_24959_3299.N1	08-DEC-2006 18:24:53	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	24959	No
225	GOM_NL__2PRFIN20061208_183039_000000322053_00356_24959_3300.N1	08-DEC-2006 18:30:39	Bright	32.000	111	8Eta Boo	2.6800	6000.0	64	24959	No
226	GOM_NL__2PRFIN20061208_183407_000000402053_00356_24959_3301.N1	08-DEC-2006 18:34:07	Bright	39.500	138	47Eps Vir	2.8280	4700.0	79	24959	No
227	GOM_NL__2PRFIN20061208_183854_000000482053_00356_24959_3302.N1	08-DEC-2006 18:38:54	Twilight	48.000	121	29Gam Vir	2.7400	7200.0	96	24959	No
228	GOM_NL__2PRFIN20061208_184500_000000442053_00356_24959_3303.N1	08-DEC-2006 18:45:00	Dark	43.500	100	4Gam Crv	2.5800	13100.	87	24959	No
229	GOM_NL__2PRFIN20061208_184636_000000492053_00356_24959_3304.N1	08-DEC-2006 18:46:36	Dark	48.500	171	2Eps Crv	3.0010	4250.0	97	24959	No
230	GOM_NL__2PRFIN20061208_185552_000000392053_00357_24960_3475.N1	08-DEC-2006 18:55:52	Dark	38.500	113	Mu Vel	2.6920	5000.0	77	24960	No
231	GOM_NL__2PRFIN20061208_190433_000000412053_00357_24960_3476.N1	08-DEC-2006 19:04:33	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	24960	No
232	GOM_NL__2PRFIN20061208_190633_000000462053_00357_24960_3477.N1	08-DEC-2006 19:06:33	Dark	46.000	70	Zet Pup	2.2460	39000.	92	24960	No
233	GOM_NL__2PRFIN20061208_190939_000000522053_00357_24960_3478.N1	08-DEC-2006 19:09:39	Dark	52.000	117	Pi Pup	2.7060	3800.0	104	24960	No
234	GOM_NL__2PRFIN20061208_191329_000000402053_00357_24960_3479.N1	08-DEC-2006 19:13:29	Dark	39.500	108	Alp Col	2.6520	15200.	79	24960	No
235	GOM_NL__2PRFIN20061208_191847_000000422053_00357_24960_3480.N1	08-DEC-2006 19:18:47	Straylight	41.500	101	11Alp Lep	2.5820	7000.0	83	24960	No
236	GOM_NL__2PRFIN20061208_192204_000000452053_00357_24960_3481.N1	08-DEC-2006 19:22:04	Straylight	44.500	7	19Bet Ori	0.10000	14000.	89	24960	No
237	GOM_NL__2PRFIN20061208_192439_000000482053_00357_24960_3482.N1	08-DEC-2006 19:24:39	Straylight	47.500	30	46Eps Ori	1.6940	30000.	95	24960	No
238	GOM_NL__2PRFIN20061208_192709_000000472053_00357_24960_3483.N1	08-DEC-2006 19:27:09	Twilight	46.500	27	24Gam Ori	1.6360	26000.	93	24960	No
239	GOM_NL__2PRFIN20061208_192940_000000472053_00357_24960_3484.N1	08-DEC-2006 19:29:40	Bright	46.500	13	87Alp Tau	0.86700	3800.0	93	24960	No
240	GOM_NL__2PRFIN20061208_193507_000000362053_00357_24960_3485.N1	08-DEC-2006 19:35:07	Bright	36.000	114	3Iot Aur	2.6930	4600.0	72	24960	No
241	GOM_NL__2PRFIN20061208_193922_000000402053_00357_24960_3486.N1	08-DEC-2006 19:39:22	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	24960	No
242	GOM_NL__2PRFIN20061208_194042_000000402053_00357_24960_3487.N1	08-DEC-2006 19:40:42	Bright	40.000	42	34Bet Aur	1.9000	10200.	80	24960	No
243	GOM_NL__2PRFIN20061208_195556_000000402053_00357_24960_3488.N1	08-DEC-2006 19:55:56	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	24960	No
244	GOM_NL__2PRFIN20061208_195938_000000362053_00357_24960_3489.N1	08-DEC-2006 19:59:38	Bright	35.500	32	77Eps UMa	1.7630	11000.	71	24960	No
245	GOM_NL__2PRFIN20061208_200156_000000322053_00357_24960_3490.N1	08-DEC-2006 20:01:56	Bright	32.000	39	85Eta UMa	1.8540	24000.	64	24960	No
246	GOM_NL__2PRFIN20061208_201116_000000322053_00357_24960_3491.N1	08-DEC-2006 20:11:16	Bright	31.500	111	8Eta Boo	2.6800	6000.0	63	24960	No
247	GOM_NL__2PRFIN20061208_201443_000000582053_00357_24960_3492.N1	08-DEC-2006 20:14:43	Bright	58.000	138	47Eps Vir	2.8280	4700.0	116	24960	No
248	GOM_NL__2PRFIN20061208_201931_000000442053_00357_24960_3493.N1	08-DEC-2006 20:19:31	Twilight	44.000	121	29Gam Vir	2.7400	7200.0	88	24960	No
249	GOM_NL__2PRFIN20061208_202402_000000382053_00357_24960_3494.N1	08-DEC-2006 20:24:02	Twilight	37.500	169	46Gam Hya	2.9910	4700.0	75	24960	No
250	GOM_NL__2PRFIN20061208_202537_000000442053_00357_24960_3495.N1	08-DEC-2006 20:25:37	Dark	44.000	100	4Gam Crv	2.5800	13100.	88	24960	No
251	GOM_NL__2PRFIN20061208_202713_000000422053_00357_24960_3496.N1	08-DEC-2006 20:27:13	Dark	41.500	171	2Eps Crv	3.0010	4250.0	83	24960	No
252	GOM_NL__2PRFIN20061208_203629_000000402053_00358_24961_3627.N1	08-DEC-2006 20:36:29	Dark	39.500	113	Mu Vel	2.6920	5000.0	79	24961	No
253	GOM_NL__2PRFIN20061208_204510_000000432053_00358_24961_3628.N1	08-DEC-2006 20:45:10	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	24961	No
254	GOM_NL__2PRFIN20061208_204710_000000472053_00358_24961_3629.N1	08-DEC-2006 20:47:10	Dark	46.500	70	Zet Pup	2.2460	39000.	93	24961	No
255	GOM_NL__2PRFIN20061208_205015_000000512053_00358_24961_3630.N1	08-DEC-2006 20:50:15	Dark	50.500	117	Pi Pup	2.7060	3800.0	101	24961	No
256	GOM_NL__2PRFIN20061208_205405_000000372053_00358_24961_3631.N1	08-DEC-2006 20:54:05	Dark	37.000	108	Alp Col	2.6520	15200.	74	24961	No
257	GOM_NL__2PRFIN20061208_205923_000000412053_00358_24961_3632.N1	08-DEC-2006 20:59:23	Straylight	40.500	101	11Alp Lep	2.5820	7000.0	81	24961	No
258	GOM_NL__2PRFIN20061208_210240_000000472053_00358_24961_3633.N1	08-DEC-2006 21:02:40	Straylight	46.500	7	19Bet Ori	0.10000	14000.	93	24961	No
259	GOM_NL__2PRFIN20061208_210515_000000462053_00358_24961_3634.N1	08-DEC-2006 21:05:15	Straylight	46.000	30	46Eps Ori	1.6940	30000.	92	24961	No
260	GOM_NL__2PRFIN20061208_210744_000000482053_00358_24961_3635.N1	08-DEC-2006 21:07:44	Twilight	48.000	27	24Gam Ori	1.6360	26000.	96	24961	No
261	GOM_NL__2PRFIN20061208_211015_000000512053_00358_24961_3636.N1	08-DEC-2006 21:10:15	Bright	51.000	13	87Alp Tau	0.86700	3800.0	102	24961	No
262	GOM_NL__2PRFIN20061208_211543_000000352053_00358_24961_3637.N1	08-DEC-2006 21:15:43	Bright	35.000	114	3Iot Aur	2.6930	4600.0	70	24961	No
263	GOM_NL__2PRFIN20061208_211958_000000382053_00358_24961_3638.N1	08-DEC-2006 21:19:58	Bright	37.500	6	13Alp Aur	0.080000	3400.0	75	24961	No
264	GOM_NL__2PRFIN20061208_212117_000000392053_00358_24961_3639.N1	08-DEC-2006 21:21:17	Bright	39.000	42	34Bet Aur	1.9000	10200.	78	24961	No
265	GOM_NL__2PRFIN20061208_213631_000000392053_00358_24961_3640.N1	08-DEC-2006 21:36:31	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	24961	No
266	GOM_NL__2PRFIN20061208_214013_000000352053_00358_24961_3641.N1	08-DEC-2006 21:40:13	Bright	34.500	32	77Eps UMa	1.7630	11000.	69	24961	No
267	GOM_NL__2PRFIN20061208_214232_000000342053_00358_24961_3642.N1	08-DEC-2006 21:42:32	Bright	33.500	39	85Eta UMa	1.8540	24000.	67	24961	No
268	GOM_NL__2PRFIN20061208_214605_000000342053_00358_24961_3643.N1	08-DEC-2006 21:46:05	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	24961	No
269	GOM_NL__2PRFIN20061208_215152_000000502053_00358_24961_3644.N1	08-DEC-2006 21:51:52	Bright	50.000	111	8Eta Boo	2.6800	6000.0	100	24961	No
270	GOM_NL__2PRFIN20061208_215520_000000582053_00358_24961_3645.N1	08-DEC-2006 21:55:20	Bright	58.000	138	47Eps Vir	2.8280	4700.0	116	24961	No
271	GOM_NL__2PRFIN20061208_220007_000000472053_00358_24961_3646.N1	08-DEC-2006 22:00:07	Twilight	46.500	121	29Gam Vir	2.7400	7200.0	93	24961	No
272	GOM_NL__2PRFIN20061208_220439_000000372053_00358_24961_3647.N1	08-DEC-2006 22:04:39	Twilight	36.500	169	46Gam Hya	2.9910	4700.0	73	24961	No
273	GOM_NL__2PRFIN20061208_220614_000000452053_00358_24961_3648.N1	08-DEC-2006 22:06:14	Dark	44.500	100	4Gam Crv	2.5800	13100.	89	24961	No
274	GOM_NL__2PRFIN20061208_220750_000000462053_00358_24961_3649.N1	08-DEC-2006 22:07:50	Dark	46.000	171	2Eps Crv	3.0010	4250.0	92	24961	No
275	GOM_NL__2PRFIN20061208_221706_000000362053_00359_24962_3662.N1	08-DEC-2006 22:17:06	Dark	36.000	113	Mu Vel	2.6920	5000.0	72	24962	No
276	GOM_NL__2PRFIN20061208_222546_000000422053_00359_24962_3663.N1	08-DEC-2006 22:25:46	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	24962	No
277	GOM_NL__2PRFIN20061208_222747_000000442053_00359_24962_3664.N1	08-DEC-2006 22:27:47	Dark	44.000	70	Zet Pup	2.2460	39000.	88	24962	No
278	GOM_NL__2PRFIN20061208_223052_000000482053_00359_24962_3665.N1	08-DEC-2006 22:30:52	Dark	47.500	117	Pi Pup	2.7060	3800.0	95	24962	No

279	GOM_NL__2PRFIN20061208_223441_000000372053_00359_24962_3666.N1	08-DEC-2006 22:34:41	Dark	37.000	108	Alp Col	2.6520	15200.	74	24962	No
280	GOM_NL__2PRFIN20061208_223959_000000412053_00359_24962_3667.N1	08-DEC-2006 22:39:59	Straylight	41.000	101	11Alp Lep	2.5820	7000.0	82	24962	No
281	GOM_NL__2PRFIN20061208_224316_000000442053_00359_24962_3668.N1	08-DEC-2006 22:43:16	Straylight	44.000	7	19Bet Ori	0.10000	14000.	88	24962	No
282	GOM_NL__2PRFIN20061208_224550_000000482053_00359_24962_3669.N1	08-DEC-2006 22:45:50	Straylight	47.500	30	46Eps Ori	1.6940	30000.	95	24962	No
283	GOM_NL__2PRFIN20061208_224820_000000452053_00359_24962_3670.N1	08-DEC-2006 22:48:20	Twilight	45.000	27	24Gam Ori	1.6360	26000.	90	24962	No
284	GOM_NL__2PRFIN20061208_225051_000000512053_00359_24962_3671.N1	08-DEC-2006 22:50:51	Bright	51.000	13	87Alp Tau	0.86700	3800.0	102	24962	No
285	GOM_NL__2PRFIN20061208_225618_000000372053_00359_24962_3672.N1	08-DEC-2006 22:56:18	Bright	37.000	114	3lot Aur	2.6930	4600.0	74	24962	No
286	GOM_NL__2PRFIN20061208_230033_000000392053_00359_24962_3673.N1	08-DEC-2006 23:00:33	Bright	38.500	6	13Alp Aur	0.080000	3400.0	77	24962	No
287	GOM_NL__2PRFIN20061208_230153_000000392053_00359_24962_3674.N1	08-DEC-2006 23:01:53	Bright	38.500	42	34Bet Aur	1.9000	10200.	77	24962	No
288	GOM_NL__2PRFIN20061208_231707_000000392053_00359_24962_3675.N1	08-DEC-2006 23:17:07	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	24962	No
289	GOM_NL__2PRFIN20061208_232050_000000352053_00359_24962_3676.N1	08-DEC-2006 23:20:50	Bright	34.500	32	77Eps UMa	1.7630	11000.	69	24962	No
290	GOM_NL__2PRFIN20061208_232308_000000312053_00359_24962_3677.N1	08-DEC-2006 23:23:08	Bright	31.000	39	85Eta UMa	1.8540	24000.	62	24962	No
291	GOM_NL__2PRFIN20061208_232641_000000362053_00359_24962_3678.N1	08-DEC-2006 23:26:41	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	24962	No
292	GOM_NL__2PRFIN20061208_233228_000000332053_00359_24962_3679.N1	08-DEC-2006 23:32:28	Bright	32.500	111	8Eta Boo	2.6800	6000.0	65	24962	No
293	GOM_NL__2PRFIN20061208_233556_000000392053_00359_24962_3680.N1	08-DEC-2006 23:35:56	Bright	39.000	138	47Eps Vir	2.8280	4700.0	78	24962	No
294	GOM_NL__2PRFIN20061208_234044_000000462053_00359_24962_3681.N1	08-DEC-2006 23:40:44	Twilight	45.500	121	29Gam Vir	2.7400	7200.0	91	24962	No
295	GOM_NL__2PRFIN20061208_234515_000000352053_00359_24962_3682.N1	08-DEC-2006 23:45:15	Twilight	35.000	169	46Gam Hya	2.9910	4700.0	70	24962	No
296	GOM_NL__2PRFIN20061208_234650_000000452053_00359_24962_3683.N1	08-DEC-2006 23:46:50	Dark	44.500	100	4Gam Crv	2.5800	13100.	89	24962	No
297	GOM_NL__2PRFIN20061208_234827_000000472053_00359_24962_3684.N1	08-DEC-2006 23:48:27	Dark	47.000	171	2Eps Crv	3.0010	4250.0	94	24962	No
298	GOM_NL__2PRFIN20061208_235742_000000402053_00360_24963_3686.N1	08-DEC-2006 23:57:42	Dark	39.500	113	Mu Vel	2.6920	5000.0	79	24963	No

### 3. Quality information per product

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

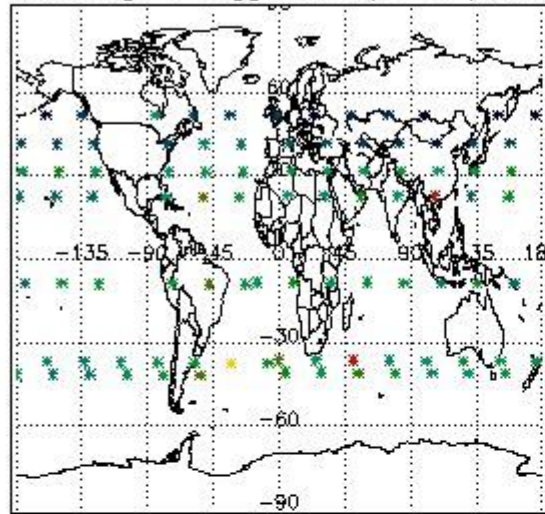
#### 3.1 Plot quality information per product (time dependant)



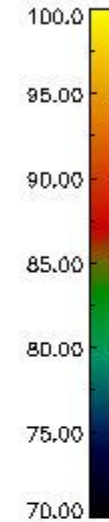
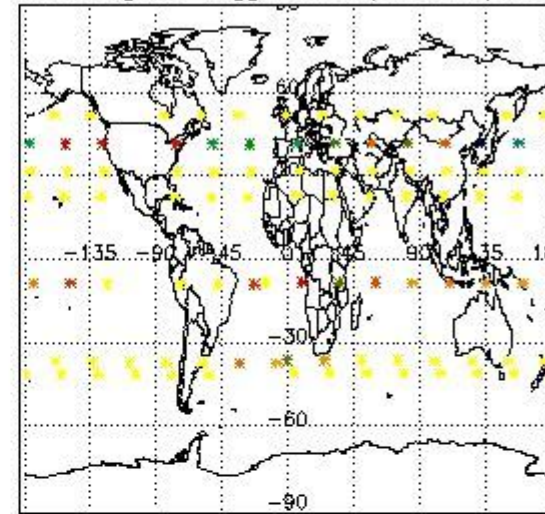
3.2 Plot quality information per product (world map)



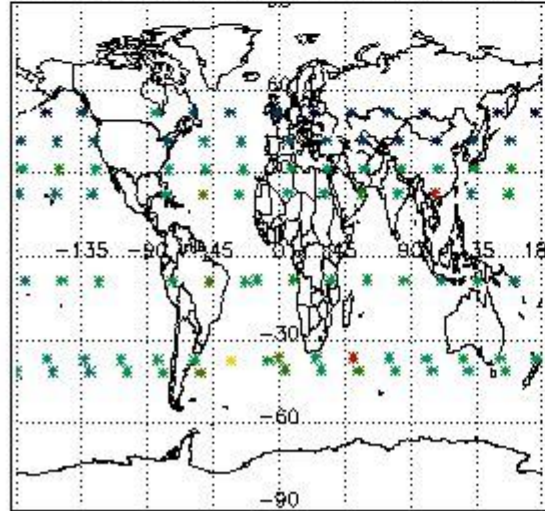
Percentage of flagged data per O3 profile



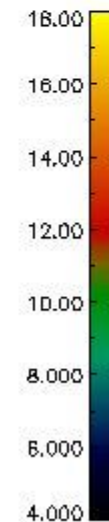
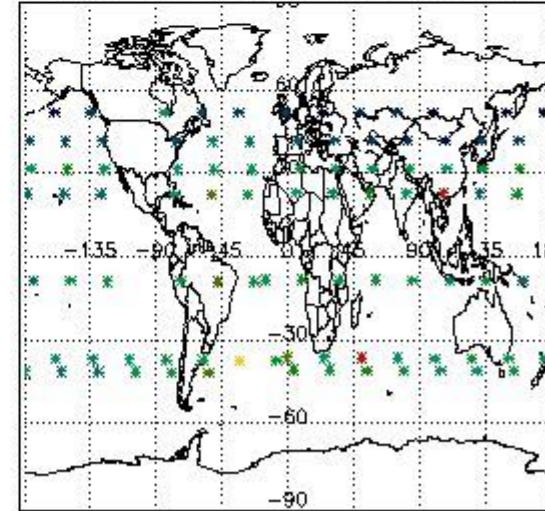
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

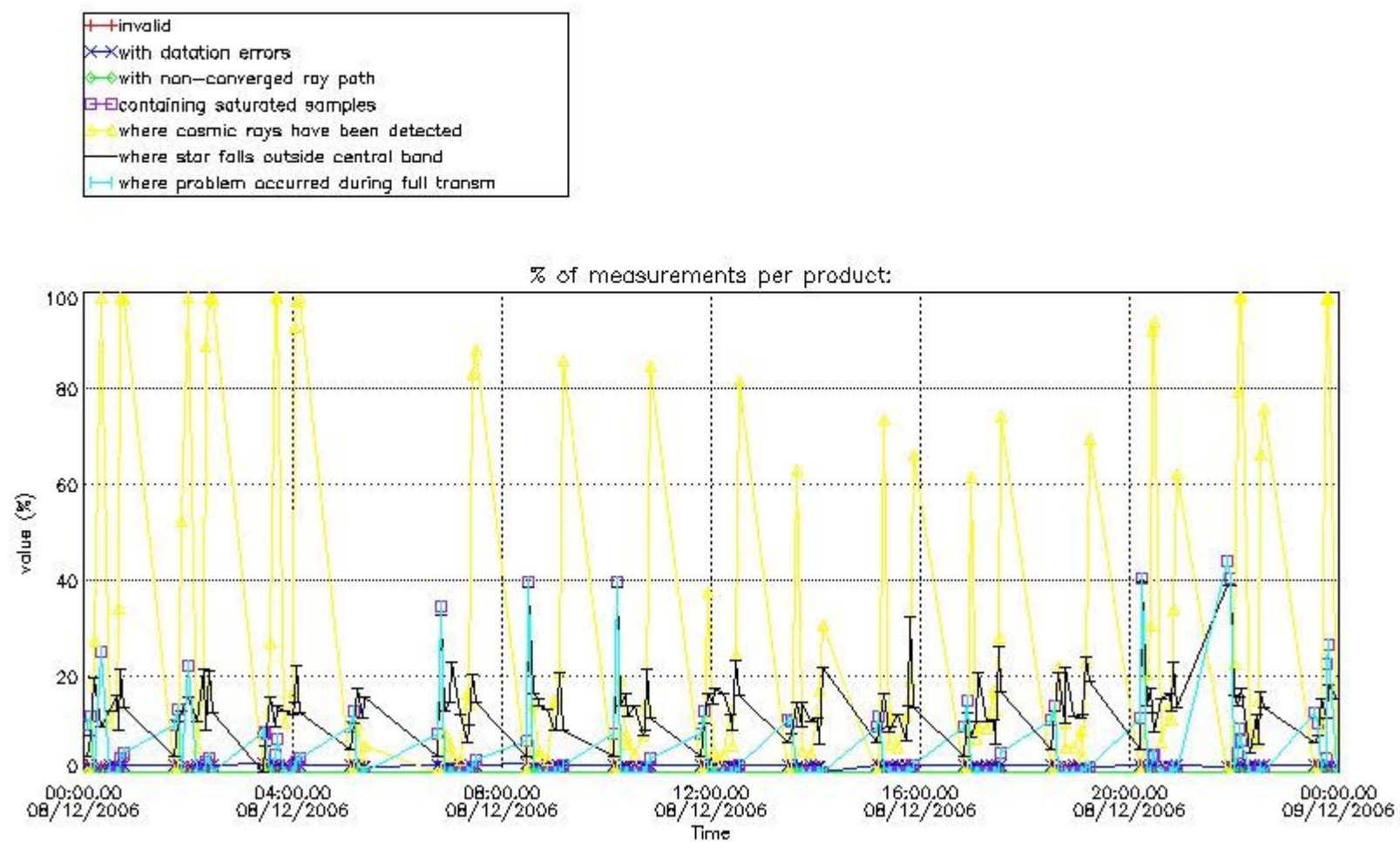


#### 4. Level 1 quality information per product

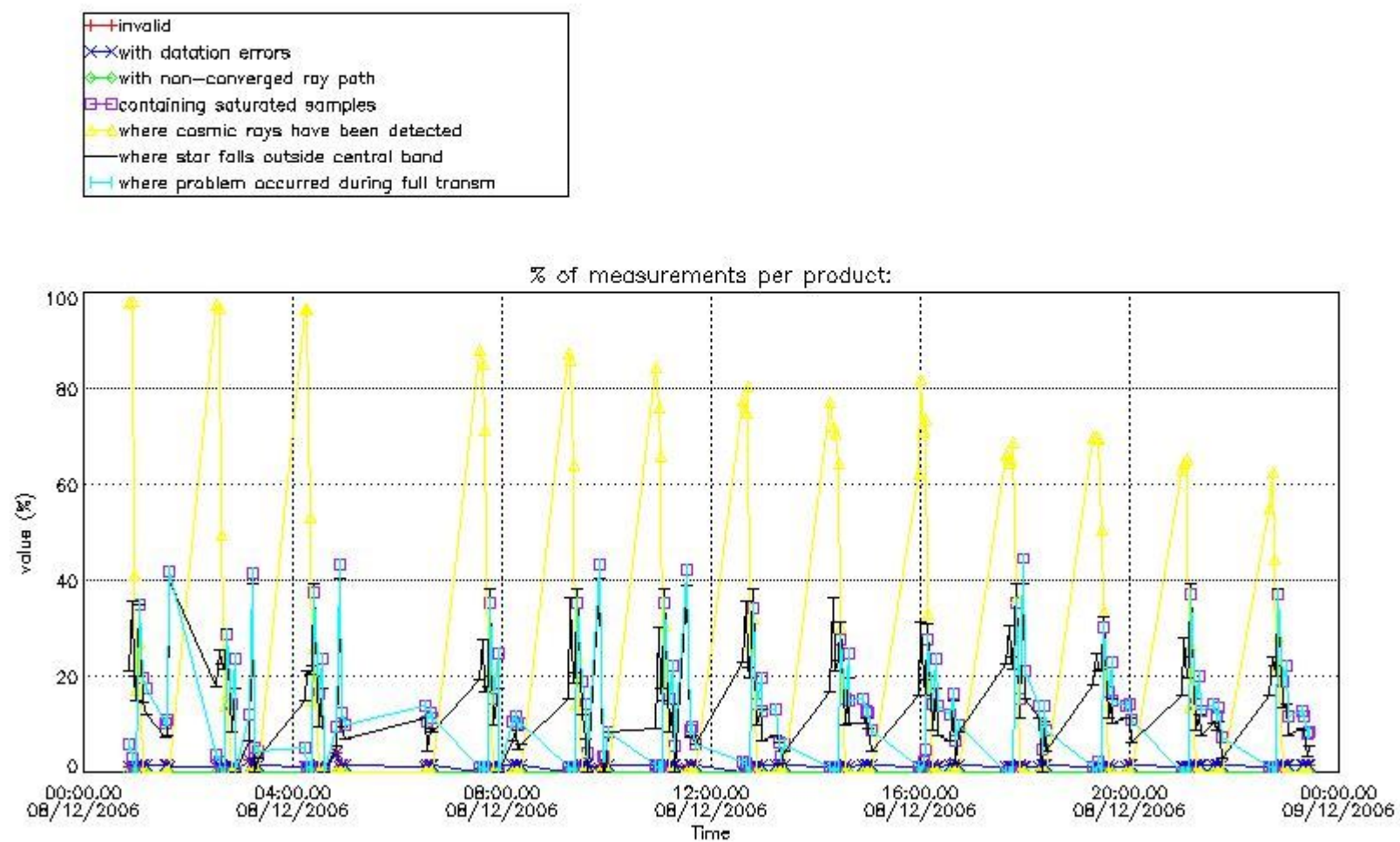
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

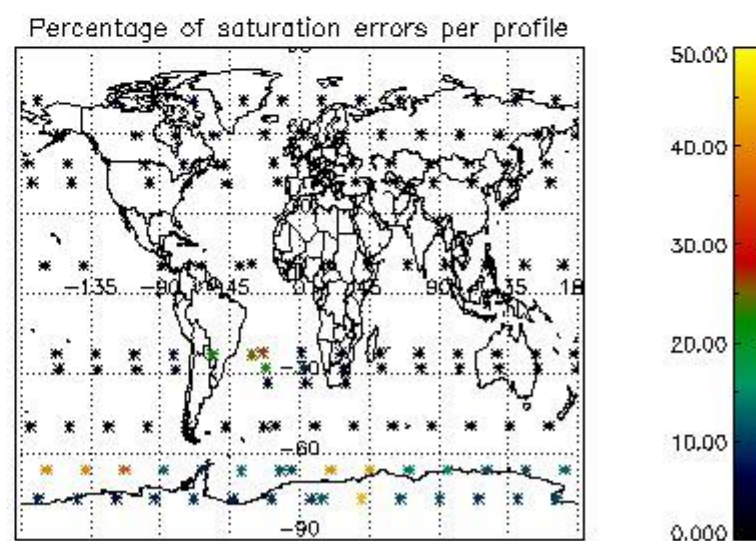
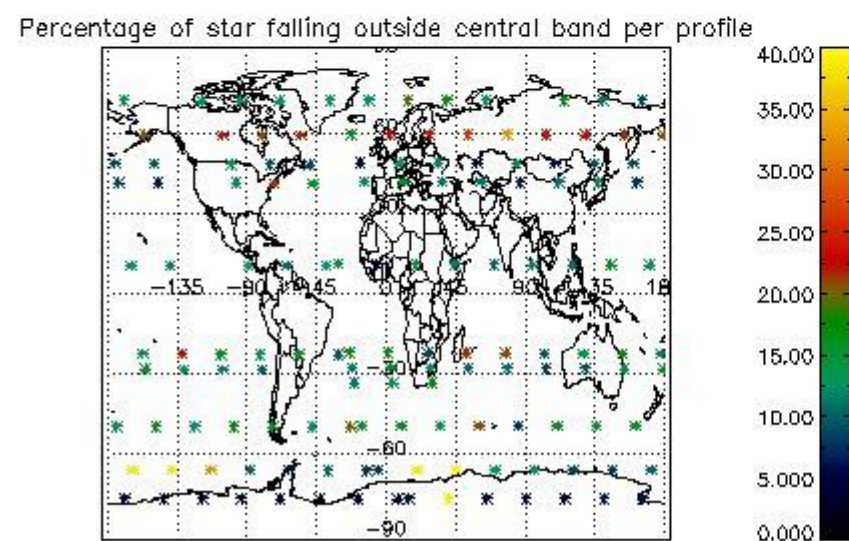
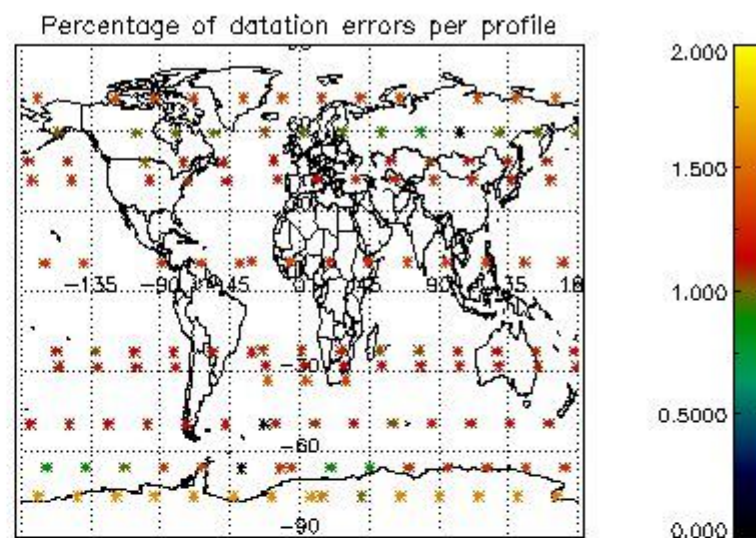
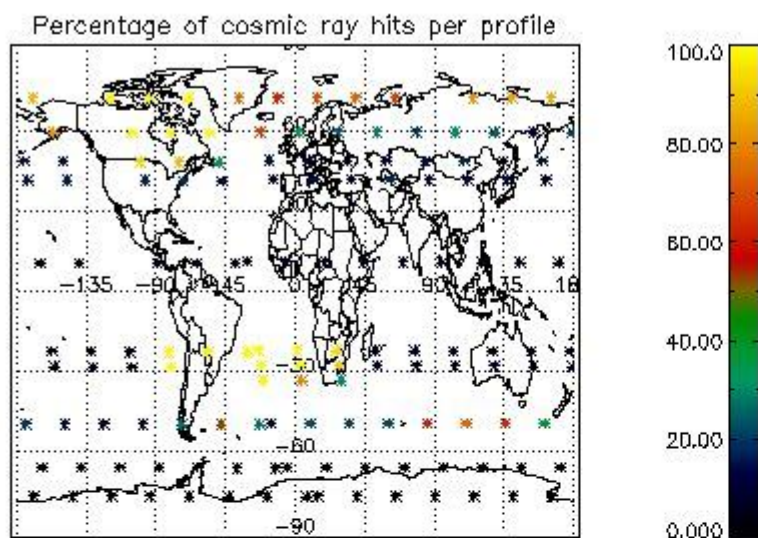


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

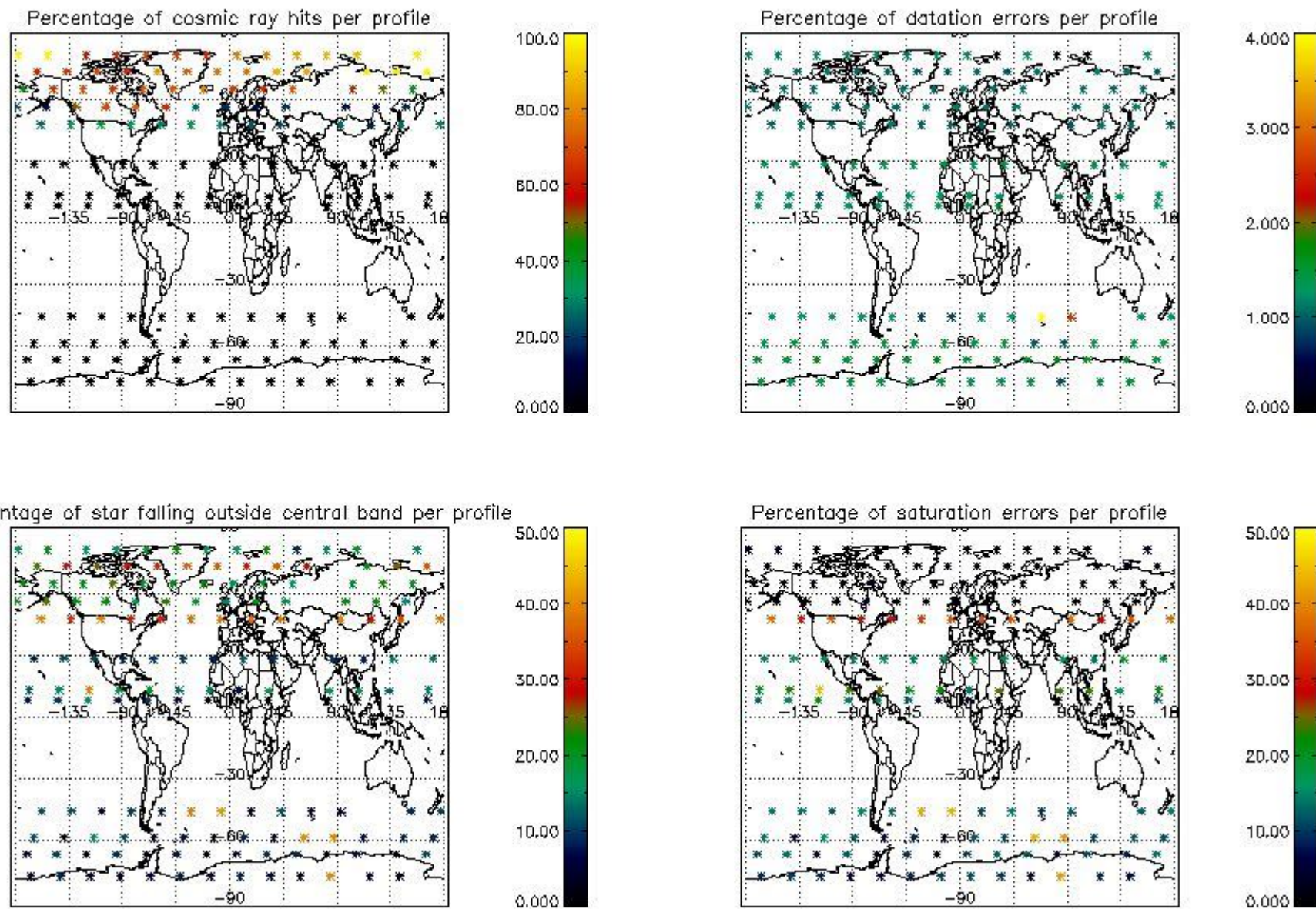


*4.2 Plot quality information per product coming from level 1b processing (world map)*

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



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



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

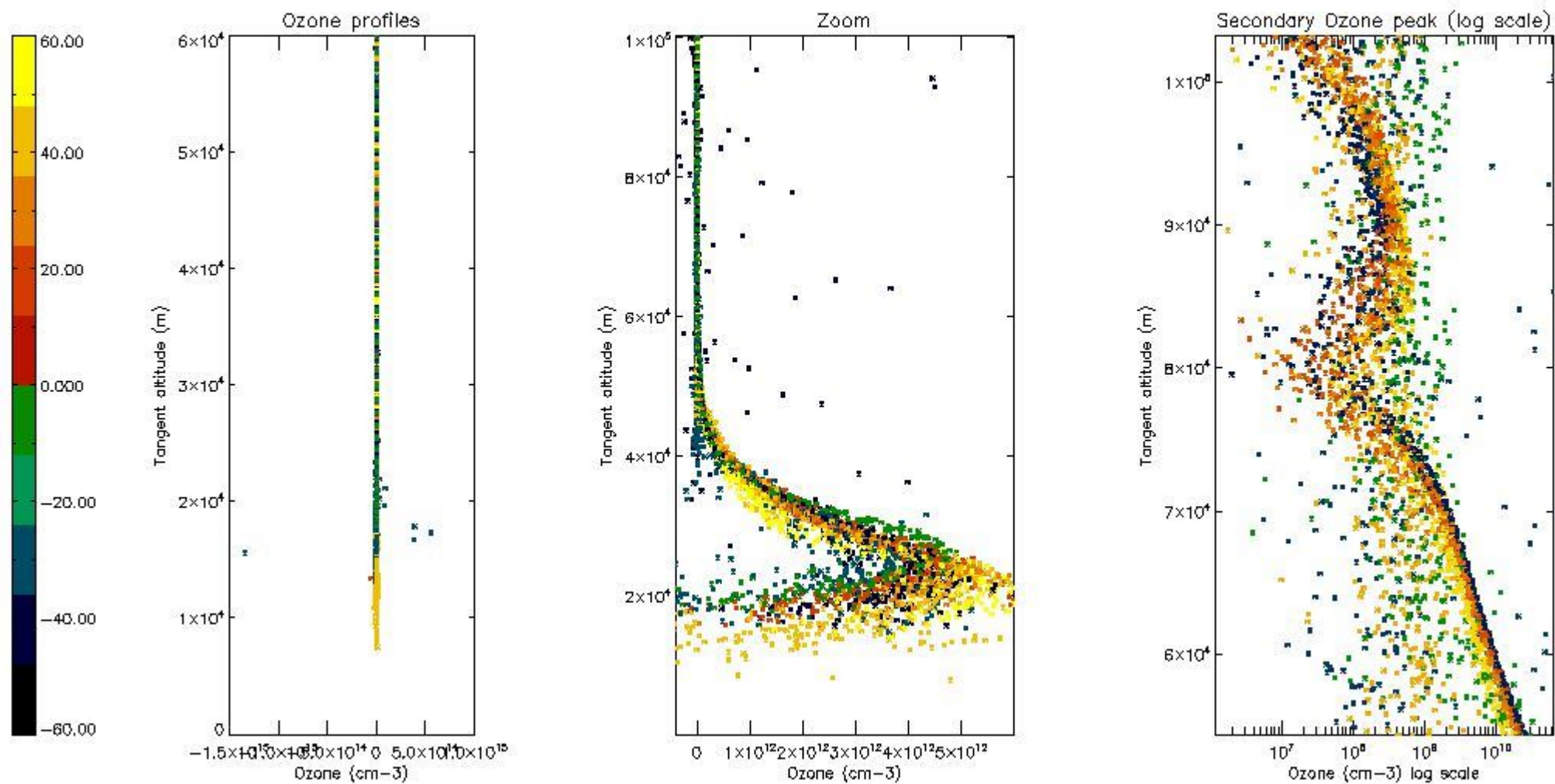
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	17

STD < 10	13
STD < 5	9

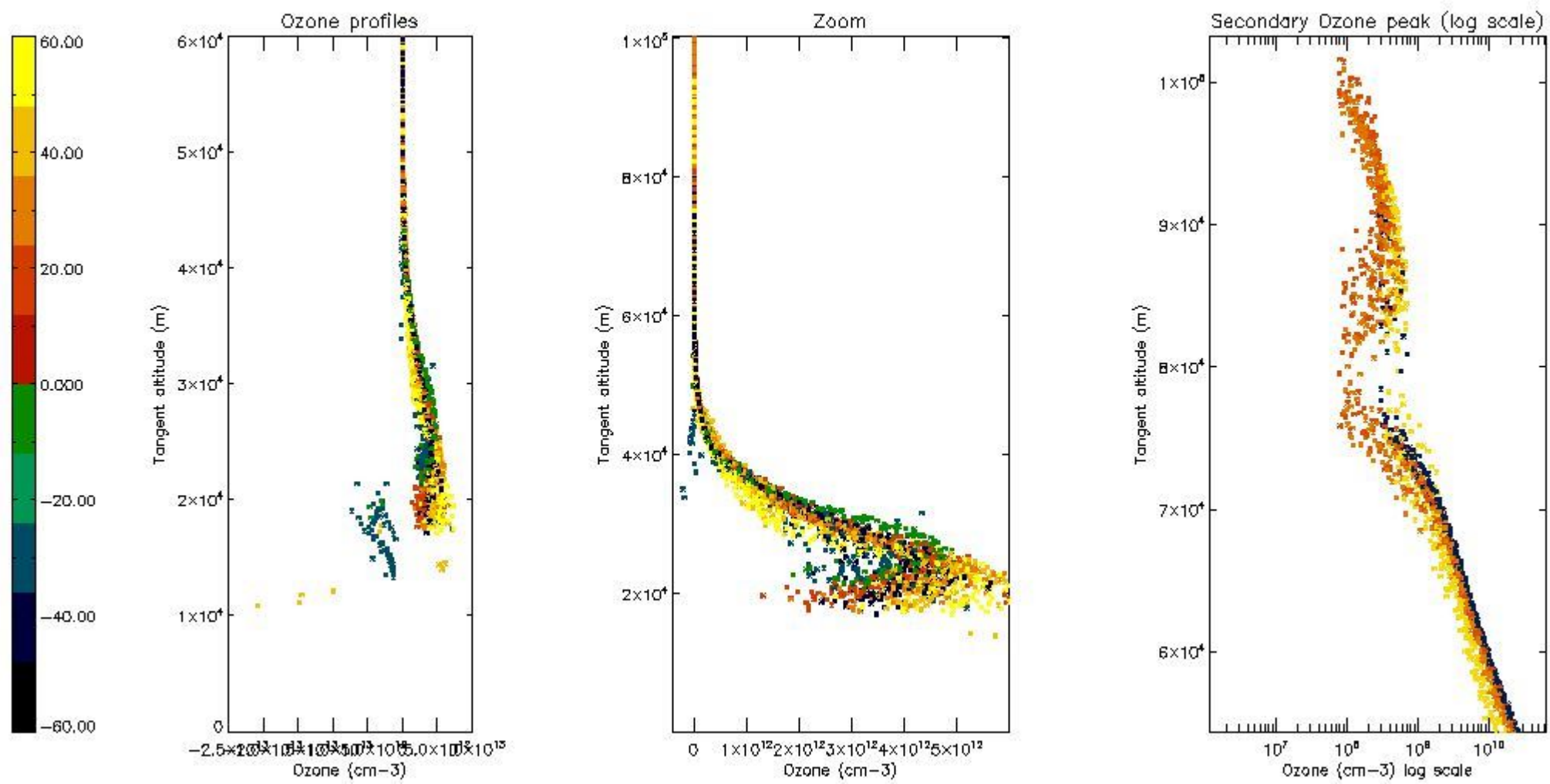
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



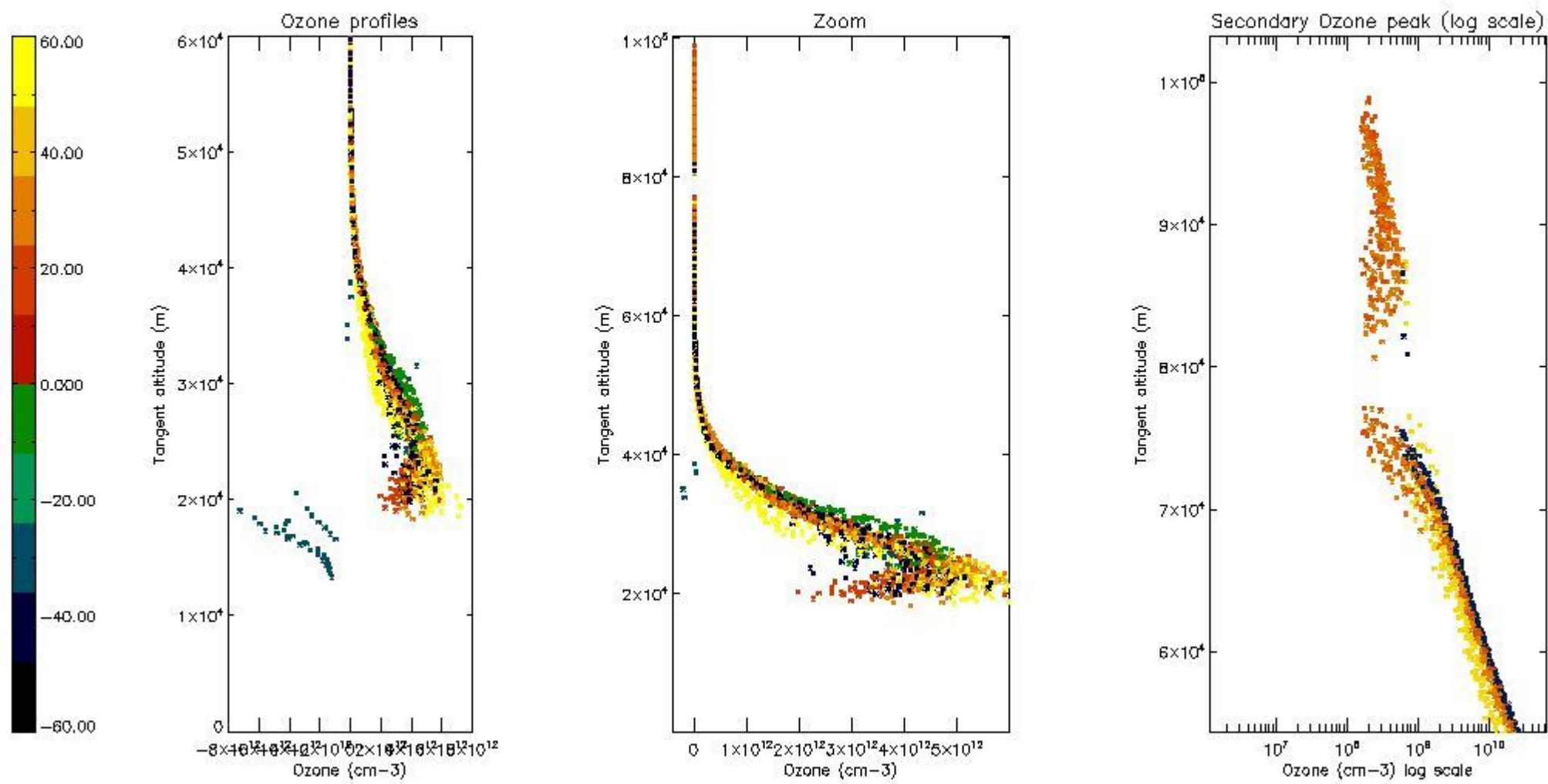
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

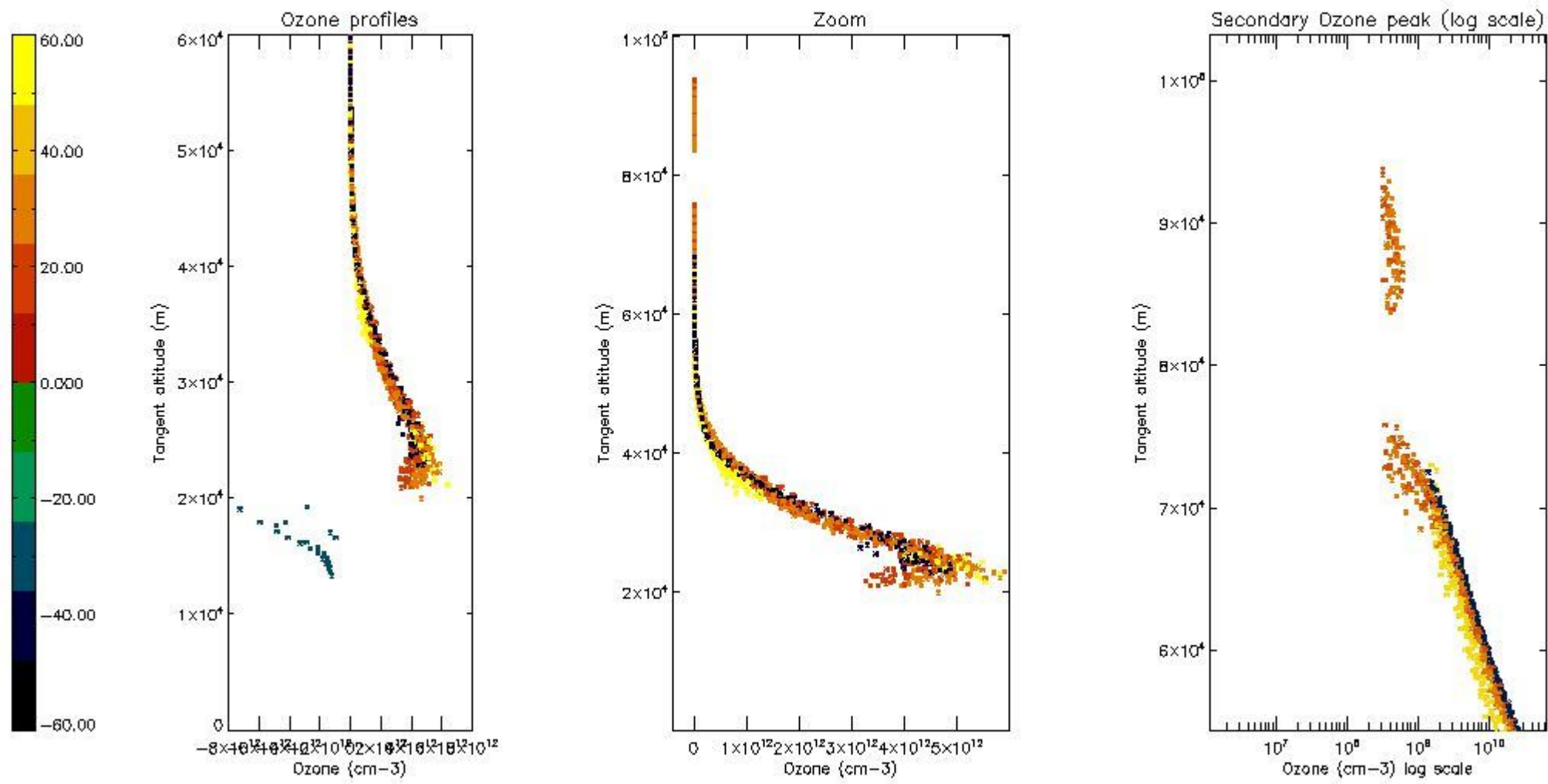
The colorbar represents the latitude.



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

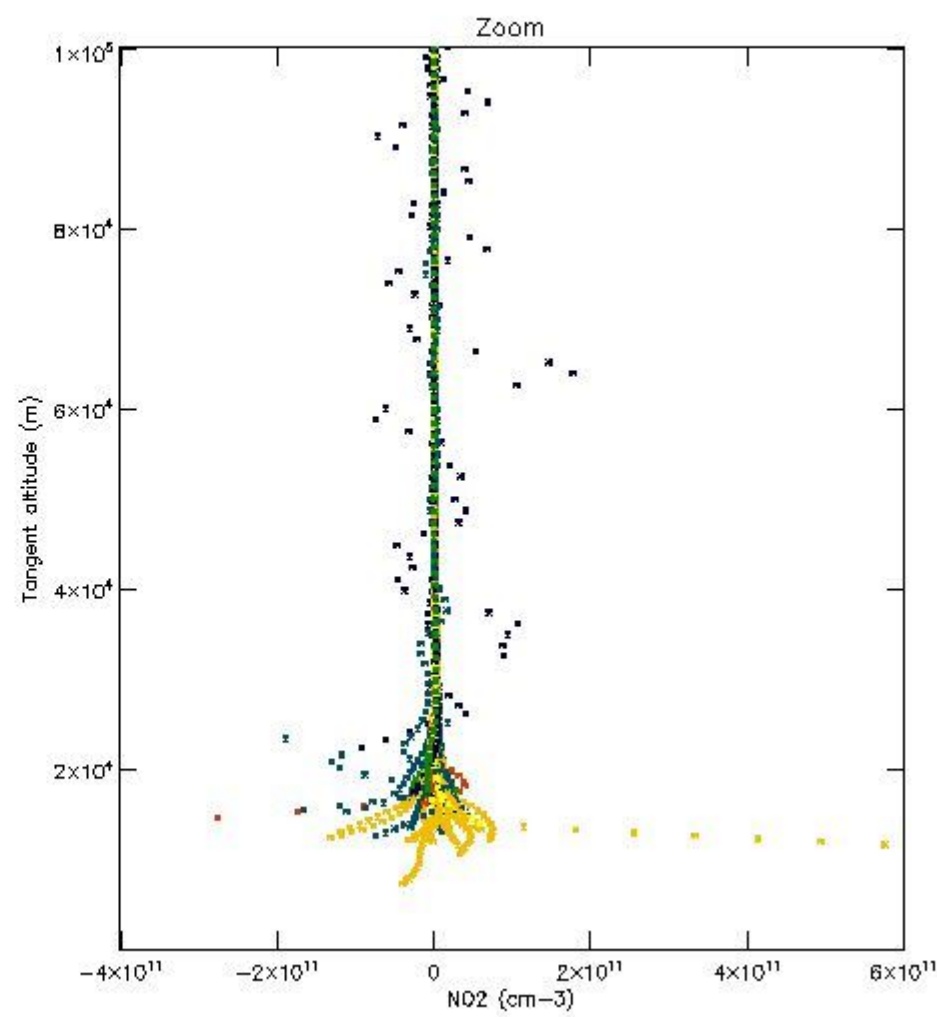
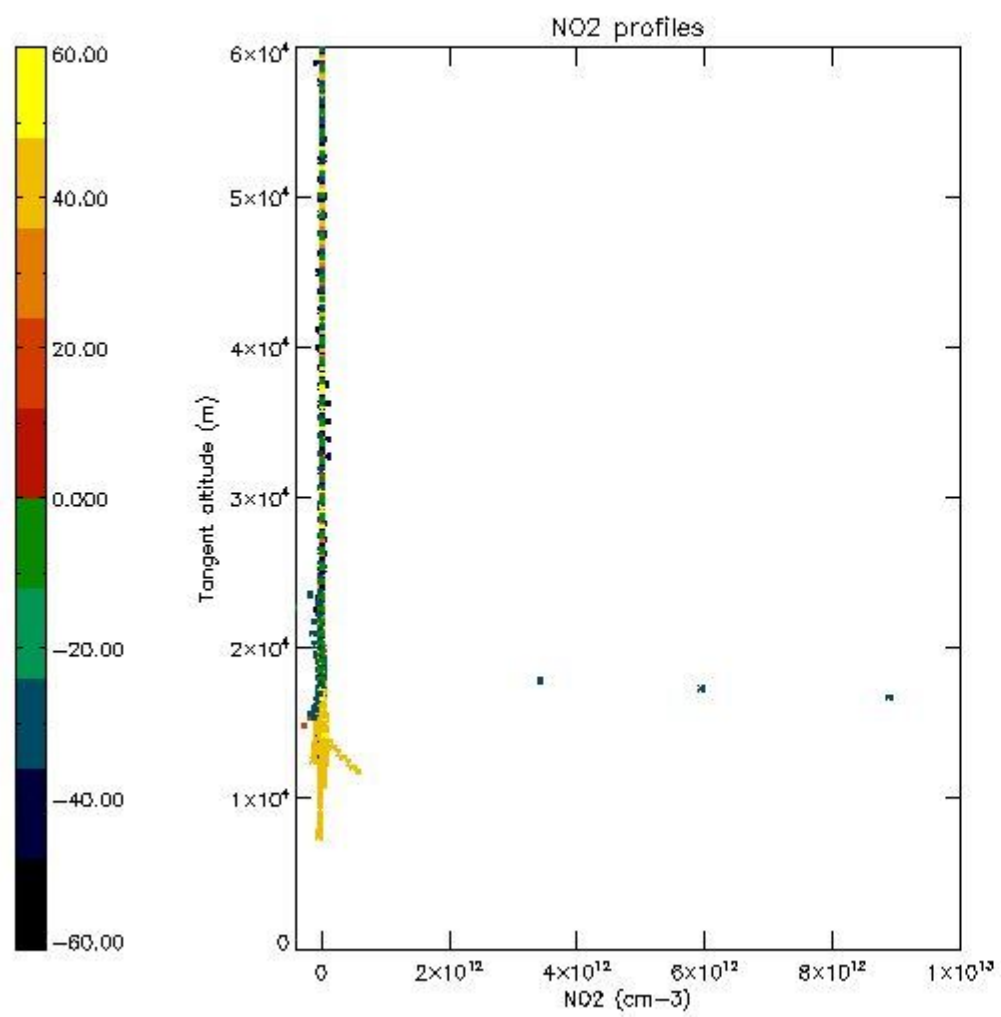
The colorbar represents the latitude.





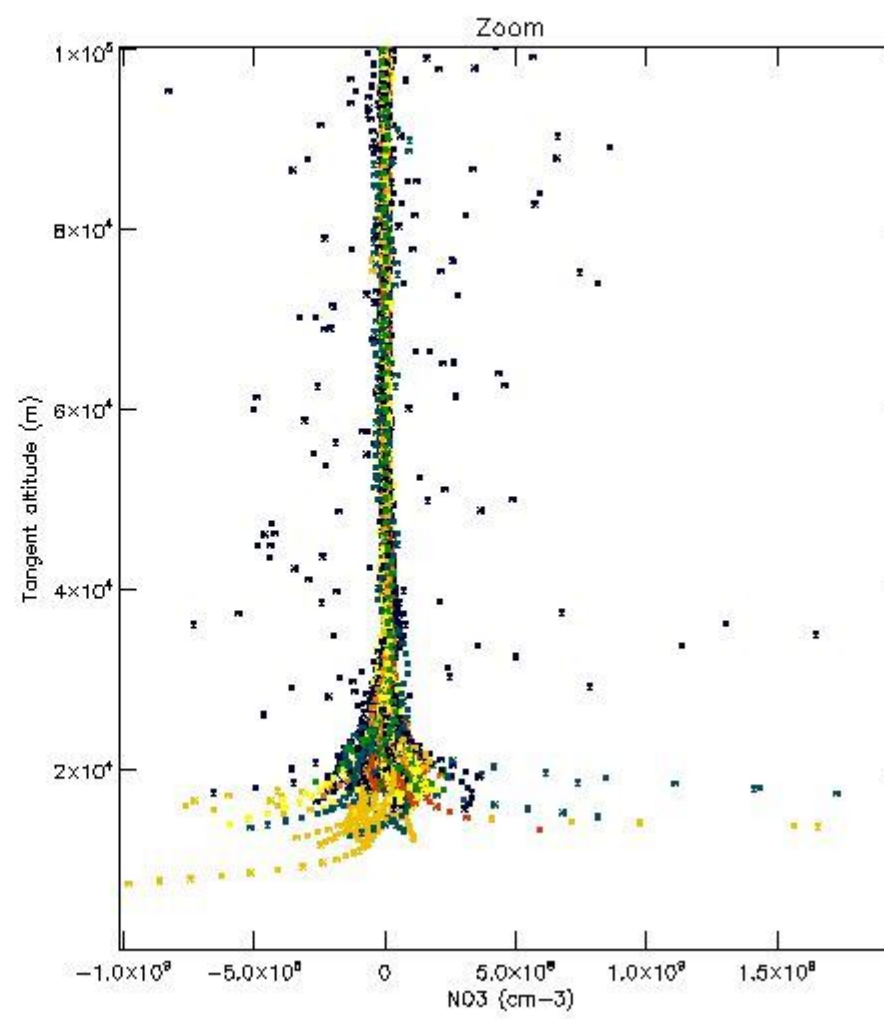
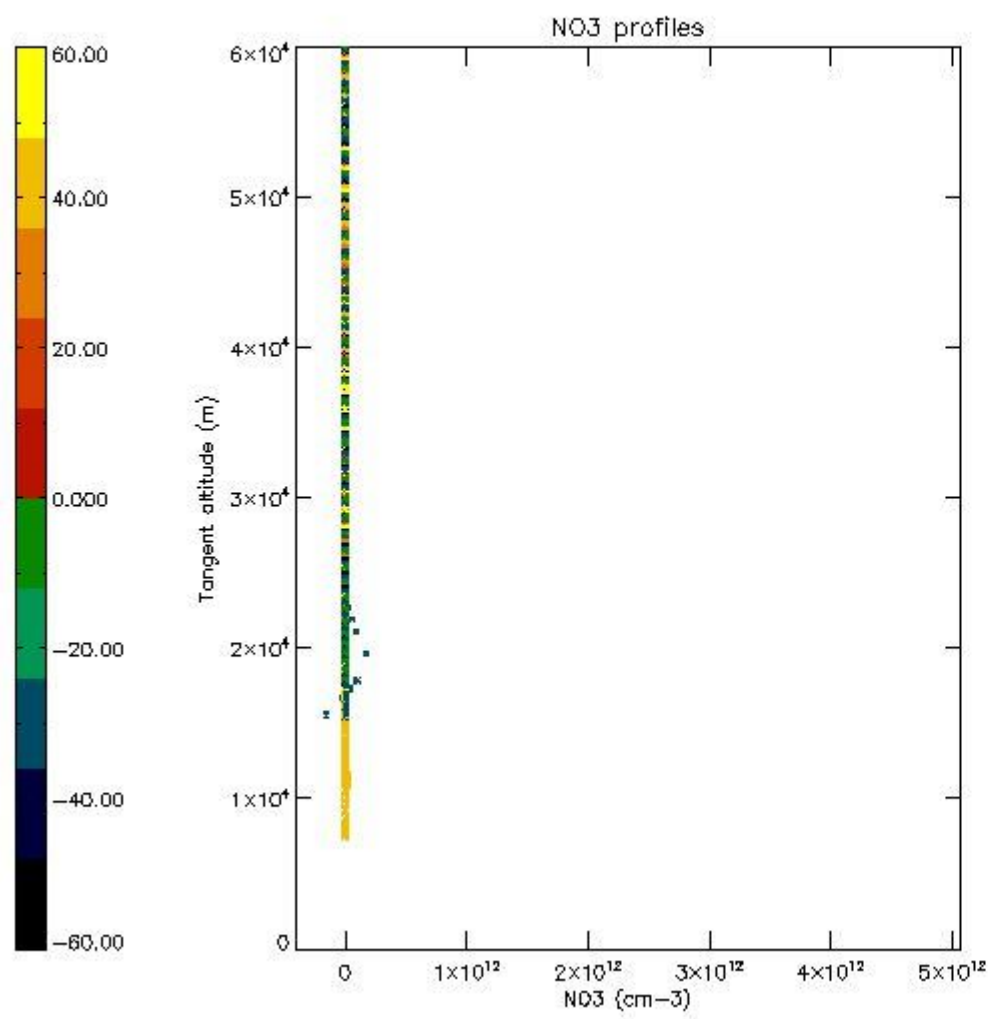
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



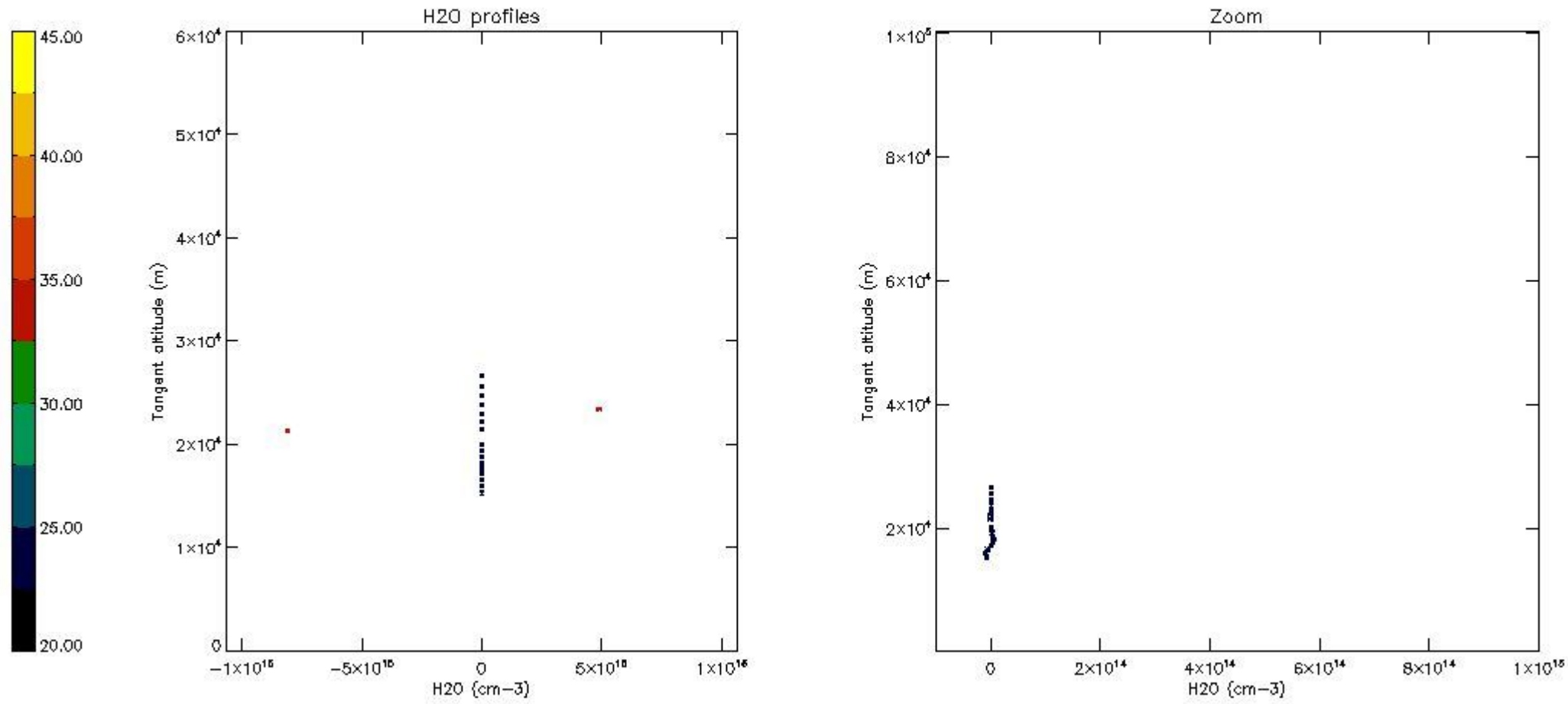
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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	08-DEC-2006 00:04:01
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	08-DEC-2006 00:04:01
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	08-DEC-2006 00:04:01

# GOMOS Level 2 Daily Report

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#### [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 06:25:47
Data source version	GOMOS/6.01
Start time of products	08-12-2006 (08DEC2006 00:00:00)
Stop time of products	09-12-2006 (09DEC2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	298
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__2PRFIN20061208_000401_000000312053_00345_24948_4720.N1	08-DEC-2006 00:04:01	Bright	31.000	111	8Eta Boo	2.6800	6000.0	62	24948	No
2	GOM_NL__2PRFIN20061208_000726_000000392053_00345_24948_4721.N1	08-DEC-2006 00:07:26	Bright	38.500	138	47Eps Vir	2.8280	4700.0	77	24948	No
3	GOM_NL__2PRFIN20061208_001210_000000462053_00345_24948_4722.N1	08-DEC-2006 00:12:10	Twilight	46.000	121	29Gam Vir	2.7400	7200.0	92	24948	No
4	GOM_NL__2PRFIN20061208_001949_000000422053_00345_24948_4723.N1	08-DEC-2006 00:19:49	Dark	42.000	171	2Eps Crv	3.0010	4250.0	84	24948	No
5	GOM_NL__2PRFIN20061208_002907_000000392053_00346_24949_4705.N1	08-DEC-2006 00:29:07	Dark	39.000	113	Mu Vel	2.6920	5000.0	78	24949	No
6	GOM_NL__2PRFIN20061208_003749_000000442053_00346_24949_4706.N1	08-DEC-2006 00:37:49	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	24949	No
7	GOM_NL__2PRFIN20061208_003948_000000462053_00346_24949_4707.N1	08-DEC-2006 00:39:48	Dark	45.500	70	Zet Pup	2.2460	39000.	91	24949	No
8	GOM_NL__2PRFIN20061208_004256_000000512053_00346_24949_4708.N1	08-DEC-2006 00:42:56	Dark	51.000	117	Pi Pup	2.7060	3800.0	102	24949	No
9	GOM_NL__2PRFIN20061208_004650_000000382053_00346_24949_4709.N1	08-DEC-2006 00:46:50	Dark	37.500	108	Alp Col	2.6520	15200.	75	24949	No
10	GOM_NL__2PRFIN20061208_005210_000000432053_00346_24949_4710.N1	08-DEC-2006 00:52:10	Straylight	43.000	101	11Alp Lep	2.5820	7000.0	86	24949	No
11	GOM_NL__2PRFIN20061208_005529_000000522053_00346_24949_4711.N1	08-DEC-2006 00:55:29	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	24949	No
12	GOM_NL__2PRFIN20061208_005806_000000482053_00346_24949_4712.N1	08-DEC-2006 00:58:06	Straylight	47.500	30	46Eps Ori	1.6940	30000.	95	24949	No
13	GOM_NL__2PRFIN20061208_010037_000000442053_00346_24949_4713.N1	08-DEC-2006 01:00:37	Twilight	43.500	27	24Gam Ori	1.6360	26000.	87	24949	No
14	GOM_NL__2PRFIN20061208_010306_000000492053_00346_24949_4714.N1	08-DEC-2006 01:03:06	Bright	48.500	13	87Alp Tau	0.86700	3800.0	97	24949	No
15	GOM_NL__2PRFIN20061208_010836_000000382053_00346_24949_4715.N1	08-DEC-2006 01:08:36	Bright	38.000	114	3Iot Aur	2.6930	4600.0	76	24949	No
16	GOM_NL__2PRFIN20061208_011252_000000372053_00346_24949_4716.N1	08-DEC-2006 01:12:52	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	24949	No
17	GOM_NL__2PRFIN20061208_013304_000000342053_00346_24949_4717.N1	08-DEC-2006 01:33:04	Bright	34.000	32	77Eps UMa	1.7630	11000.	68	24949	No
18	GOM_NL__2PRFIN20061208_013521_000000322053_00346_24949_4718.N1	08-DEC-2006 01:35:21	Bright	32.000	39	85Eta UMa	1.8540	24000.	64	24949	No
19	GOM_NL__2PRFIN20061208_013853_000000552053_00346_24949_4719.N1	08-DEC-2006 01:38:53	Bright	55.000	152	12Alp2CVn	2.8900	11000.	110	24949	No
20	GOM_NL__2PRFIN20061208_014437_000000312053_00346_24949_4720.N1	08-DEC-2006 01:44:37	Bright	31.000	111	8Eta Boo	2.6800	6000.0	62	24949	No
21	GOM_NL__2PRFIN20061208_014803_000000392053_00346_24949_4721.N1	08-DEC-2006 01:48:03	Bright	38.500	138	47Eps Vir	2.8280	4700.0	77	24949	No
22	GOM_NL__2PRFIN20061208_015247_000000432053_00346_24949_4722.N1	08-DEC-2006 01:52:47	Twilight	43.000	121	29Gam Vir	2.7400	7200.0	86	24949	No
23	GOM_NL__2PRFIN20061208_020026_000000452053_00346_24949_4723.N1	08-DEC-2006 02:00:26	Dark	45.000	171	2Eps Crv	3.0010	4250.0	90	24949	No
24	GOM_NL__2PRFIN20061208_020944_000000382053_00347_24950_2098.N1	08-DEC-2006 02:09:44	Dark	38.000	113	Mu Vel	2.6920	5000.0	76	24950	No
25	GOM_NL__2PRFIN20061208_021825_000000472053_00347_24950_2099.N1	08-DEC-2006 02:18:25	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	24950	No
26	GOM_NL__2PRFIN20061208_022025_000000452053_00347_24950_2100.N1	08-DEC-2006 02:20:25	Dark	45.000	70	Zet Pup	2.2460	39000.	90	24950	No
27	GOM_NL__2PRFIN20061208_022332_000000502053_00347_24950_2101.N1	08-DEC-2006 02:23:32	Dark	50.000	117	Pi Pup	2.7060	3800.0	100	24950	No
28	GOM_NL__2PRFIN20061208_022726_000000372053_00347_24950_2102.N1	08-DEC-2006 02:27:26	Dark	36.500	108	Alp Col	2.6520	15200.	73	24950	No
29	GOM_NL__2PRFIN20061208_023247_000000422053_00347_24950_2103.N1	08-DEC-2006 02:32:47	Straylight	42.000	101	11Alp Lep	2.5820	7000.0	84	24950	No
30	GOM_NL__2PRFIN20061208_023605_000000462053_00347_24950_2104.N1	08-DEC-2006 02:36:05	Straylight	45.500	7	19Bet Ori	0.10000	14000.	91	24950	No
31	GOM_NL__2PRFIN20061208_023842_000000492053_00347_24950_2105.N1	08-DEC-2006 02:38:42	Straylight	48.500	30	46Eps Ori	1.6940	30000.	97	24950	No
32	GOM_NL__2PRFIN20061208_024113_000000472053_00347_24950_2106.N1	08-DEC-2006 02:41:13	Twilight	47.000	27	24Gam Ori	1.6360	26000.	94	24950	No
33	GOM_NL__2PRFIN20061208_024342_000000462053_00347_24950_2107.N1	08-DEC-2006 02:43:42	Bright	45.500	13	87Alp Tau	0.86700	3800.0	91	24950	No
34	GOM_NL__2PRFIN20061208_024912_000000362053_00347_24950_2108.N1	08-DEC-2006 02:49:12	Bright	35.500	114	3Iot Aur	2.6930	4600.0	71	24950	No
35	GOM_NL__2PRFIN20061208_025328_000000412053_00347_24950_2109.N1	08-DEC-2006 02:53:28	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	24950	No
36	GOM_NL__2PRFIN20061208_025451_000000262053_00347_24950_2110.N1	08-DEC-2006 02:54:51	Twilight	25.500	42	34Bet Aur	1.9000	10200.	51	24950	No
37	GOM_NL__2PRFIN20061208_031001_000000382053_00347_24950_2111.N1	08-DEC-2006 03:10:01	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	24950	No
38	GOM_NL__2PRFIN20061208_031340_000000522053_00347_24950_2112.N1	08-DEC-2006 03:13:40	Bright	52.000	32	77Eps UMa	1.7630	11000.	104	24950	No
39	GOM_NL__2PRFIN20061208_031557_000000292053_00347_24950_2113.N1	08-DEC-2006 03:15:57	Bright	29.000	39	85Eta UMa	1.8540	24000.	58	24950	No
40	GOM_NL__2PRFIN20061208_031930_000000342053_00347_24950_2114.N1	08-DEC-2006 03:19:30	Bright	33.500	152	12Alp2CVn	2.8900	11000.	67	24950	No
41	GOM_NL__2PRFIN20061208_032514_000000312053_00347_24950_2115.N1	08-DEC-2006 03:25:14	Bright	30.500	111	8Eta Boo	2.6800	6000.0	61	24950	No
42	GOM_NL__2PRFIN20061208_032839_000000372053_00347_24950_2116.N1	08-DEC-2006 03:28:39	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	24950	No

43	GOM_NL__2PRFIN20061208_033323_000000452053_00347_24950_2117.N1	08-DEC-2006 03:33:23	Twilight	44.500	121	29Gam Vir	2.7400	7200.0	89	24950	No
44	GOM_NL__2PRFIN20061208_033927_000000432053_00347_24950_2118.N1	08-DEC-2006 03:39:27	Dark	42.500	100	4Gam Crv	2.5800	13100.	85	24950	No
45	GOM_NL__2PRFIN20061208_034103_000000442053_00347_24950_2119.N1	08-DEC-2006 03:41:03	Dark	43.500	171	2Eps Crv	3.0010	4250.0	87	24950	No
46	GOM_NL__2PRFIN20061208_035021_000000392053_00348_24951_2105.N1	08-DEC-2006 03:50:21	Dark	39.000	113	Mu Vel	2.6920	5000.0	78	24951	No
47	GOM_NL__2PRFIN20061208_035902_000000422053_00348_24951_2106.N1	08-DEC-2006 03:59:02	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	24951	No
48	GOM_NL__2PRFIN20061208_040102_000000492053_00348_24951_2107.N1	08-DEC-2006 04:01:02	Dark	48.500	70	Zet Pup	2.2460	39000.	97	24951	No
49	GOM_NL__2PRFIN20061208_040409_000000502053_00348_24951_2108.N1	08-DEC-2006 04:04:09	Dark	50.000	117	Pi Pup	2.7060	3800.0	100	24951	No
50	GOM_NL__2PRFIN20061208_040803_000000372053_00348_24951_2109.N1	08-DEC-2006 04:08:03	Dark	36.500	108	Alp Col	2.6520	15200.	73	24951	No
51	GOM_NL__2PRFIN20061208_041323_000000412053_00348_24951_2110.N1	08-DEC-2006 04:13:23	Straylight	40.500	101	11Alp Lep	2.5820	7000.0	81	24951	No
52	GOM_NL__2PRFIN20061208_041641_000000432053_00348_24951_2111.N1	08-DEC-2006 04:16:41	Straylight	43.000	7	19Bet Ori	0.10000	14000.	86	24951	No
53	GOM_NL__2PRFIN20061208_041918_000000472053_00348_24951_2112.N1	08-DEC-2006 04:19:18	Straylight	47.000	30	46Eps Ori	1.6940	30000.	94	24951	No
54	GOM_NL__2PRFIN20061208_042148_000000482053_00348_24951_2113.N1	08-DEC-2006 04:21:48	Twilight	47.500	27	24Gam Ori	1.6360	26000.	95	24951	No
55	GOM_NL__2PRFIN20061208_042418_000000522053_00348_24951_2114.N1	08-DEC-2006 04:24:18	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	24951	No
56	GOM_NL__2PRFIN20061208_042947_000000372053_00348_24951_2115.N1	08-DEC-2006 04:29:47	Bright	36.500	114	3Iot Aur	2.6930	4600.0	73	24951	No
57	GOM_NL__2PRFIN20061208_043403_000000402053_00348_24951_2116.N1	08-DEC-2006 04:34:03	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	24951	No
58	GOM_NL__2PRFIN20061208_043526_000000262053_00348_24951_2117.N1	08-DEC-2006 04:35:26	Twilight	25.500	42	34Bet Aur	1.9000	10200.	51	24951	No
59	GOM_NL__2PRFIN20061208_045036_000000382053_00348_24951_2118.N1	08-DEC-2006 04:50:36	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	24951	No
60	GOM_NL__2PRFIN20061208_045416_000000522053_00348_24951_2119.N1	08-DEC-2006 04:54:16	Bright	52.000	32	77Eps UMa	1.7630	11000.	104	24951	No
61	GOM_NL__2PRFIN20061208_045633_000000322053_00348_24951_2120.N1	08-DEC-2006 04:56:33	Bright	32.000	39	85Eta UMa	1.8540	24000.	64	24951	No
62	GOM_NL__2PRFIN20061208_050005_000000362053_00348_24951_2121.N1	08-DEC-2006 05:00:05	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	24951	No
63	GOM_NL__2PRFIN20061208_050550_000000322053_00348_24951_2122.N1	08-DEC-2006 05:05:50	Bright	31.500	111	8Eta Boo	2.6800	6000.0	63	24951	No
64	GOM_NL__2PRFIN20061208_050915_000000392053_00348_24951_2123.N1	08-DEC-2006 05:09:15	Bright	39.000	138	47Eps Vir	2.8280	4700.0	78	24951	No
65	GOM_NL__2PRFIN20061208_051400_000000462053_00348_24951_2124.N1	08-DEC-2006 05:14:00	Twilight	45.500	121	29Gam Vir	2.7400	7200.0	91	24951	No
66	GOM_NL__2PRFIN20061208_052004_000000442053_00348_24951_2125.N1	08-DEC-2006 05:20:04	Dark	44.000	100	4Gam Crv	2.5800	13100.	88	24951	No
67	GOM_NL__2PRFIN20061208_052140_000000452053_00348_24951_2126.N1	08-DEC-2006 05:21:40	Dark	44.500	171	2Eps Crv	3.0010	4250.0	89	24951	No
68	GOM_NL__2PRFIN20061208_063112_000000402053_00349_24952_2113.N1	08-DEC-2006 06:31:12	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	24952	No
69	GOM_NL__2PRFIN20061208_063452_000000342053_00349_24952_2114.N1	08-DEC-2006 06:34:52	Bright	33.500	32	77Eps UMa	1.7630	11000.	67	24952	No
70	GOM_NL__2PRFIN20061208_063709_000000332053_00349_24952_2115.N1	08-DEC-2006 06:37:09	Bright	32.500	39	85Eta UMa	1.8540	24000.	65	24952	No
71	GOM_NL__2PRFIN20061208_064042_000000362053_00349_24952_2116.N1	08-DEC-2006 06:40:42	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	24952	No
72	GOM_NL__2PRFIN20061208_064626_000000312053_00349_24952_2117.N1	08-DEC-2006 06:46:26	Bright	31.000	111	8Eta Boo	2.6800	6000.0	62	24952	No
73	GOM_NL__2PRFIN20061208_064952_000000522053_00349_24952_2118.N1	08-DEC-2006 06:49:52	Bright	52.000	138	47Eps Vir	2.8280	4700.0	104	24952	No
74	GOM_NL__2PRFIN20061208_065437_000000442053_00349_24952_2119.N1	08-DEC-2006 06:54:37	Twilight	43.500	121	29Gam Vir	2.7400	7200.0	87	24952	No
75	GOM_NL__2PRFIN20061208_070041_000000452053_00349_24952_2120.N1	08-DEC-2006 07:00:41	Dark	45.000	100	4Gam Crv	2.5800	13100.	90	24952	No
76	GOM_NL__2PRFIN20061208_070217_000000482053_00349_24952_2121.N1	08-DEC-2006 07:02:17	Dark	48.000	171	2Eps Crv	3.0010	4250.0	96	24952	No
77	GOM_NL__2PRFIN20061208_071135_000000382053_00350_24953_2189.N1	08-DEC-2006 07:11:35	Dark	38.000	113	Mu Vel	2.6920	5000.0	76	24953	No
78	GOM_NL__2PRFIN20061208_072016_000000402053_00350_24953_2190.N1	08-DEC-2006 07:20:16	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	24953	No
79	GOM_NL__2PRFIN20061208_072215_000000462053_00350_24953_2191.N1	08-DEC-2006 07:22:15	Dark	45.500	70	Zet Pup	2.2460	39000.	91	24953	No
80	GOM_NL__2PRFIN20061208_072523_000000502053_00350_24953_2192.N1	08-DEC-2006 07:25:23	Dark	49.500	117	Pi Pup	2.7060	3800.0	99	24953	No
81	GOM_NL__2PRFIN20061208_072915_000000382053_00350_24953_2193.N1	08-DEC-2006 07:29:15	Dark	37.500	108	Alp Col	2.6520	15200.	75	24953	No
82	GOM_NL__2PRFIN20061208_073435_000000422053_00350_24953_2194.N1	08-DEC-2006 07:34:35	Straylight	41.500	101	11Alp Lep	2.5820	7000.0	83	24953	No
83	GOM_NL__2PRFIN20061208_073753_000000472053_00350_24953_2195.N1	08-DEC-2006 07:37:53	Straylight	47.000	7	19Bet Ori	0.10000	14000.	94	24953	No
84	GOM_NL__2PRFIN20061208_074029_000000452053_00350_24953_2196.N1	08-DEC-2006 07:40:29	Straylight	45.000	30	46Eps Ori	1.6940	30000.	90	24953	No
85	GOM_NL__2PRFIN20061208_074300_000000452053_00350_24953_2197.N1	08-DEC-2006 07:43:00	Twilight	44.500	27	24Gam Ori	1.6360	26000.	89	24953	No
86	GOM_NL__2PRFIN20061208_074530_000000512053_00350_24953_2198.N1	08-DEC-2006 07:45:30	Bright	51.000	13	87Alp Tau	0.86700	3800.0	102	24953	No
87	GOM_NL__2PRFIN20061208_075058_000000362053_00350_24953_2199.N1	08-DEC-2006 07:50:58	Bright	36.000	114	3Iot Aur	2.6930	4600.0	72	24953	No
88	GOM_NL__2PRFIN20061208_075514_000000412053_00350_24953_2200.N1	08-DEC-2006 07:55:14	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	24953	No
89	GOM_NL__2PRFIN20061208_075636_000000312053_00350_24953_2201.N1	08-DEC-2006 07:56:36	Bright	31.000	42	34Bet Aur	1.9000	10200.	62	24953	No
90	GOM_NL__2PRFIN20061208_081147_000000382053_00350_24953_2202.N1	08-DEC-2006 08:11:47	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	24953	No
91	GOM_NL__2PRFIN20061208_081527_000000352053_00350_24953_2203.N1	08-DEC-2006 08:15:27	Bright	34.500	32	77Eps UMa	1.7630	11000.	69	24953	No
92	GOM_NL__2PRFIN20061208_081745_000000312053_00350_24953_2204.N1	08-DEC-2006 08:17:45	Bright	31.000	39	85Eta UMa	1.8540	24000.	62	24953	No
93	GOM_NL__2PRFIN20061208_082118_000000352053_00350_24953_2205.N1	08-DEC-2006 08:21:18	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	24953	No
94	GOM_NL__2PRFIN20061208_082702_000000312053_00350_24953_2206.N1	08-DEC-2006 08:27:02	Bright	30.500	111	8Eta Boo	2.6800	6000.0	61	24953	No
95	GOM_NL__2PRFIN20061208_083028_000000572053_00350_24953_2207.N1	08-DEC-2006 08:30:28	Bright	57.000	138	47Eps Vir	2.8280	4700.0	114	24953	No
96	GOM_NL__2PRFIN20061208_083514_000000462053_00350_24953_2208.N1	08-DEC-2006 08:35:14	Twilight	45.500	121	29Gam Vir	2.7400	7200.0	91	24953	No
97	GOM_NL__2PRFIN20061208_084118_000000462053_00350_24953_2209.N1	08-DEC-2006 08:41:18	Dark	45.500	100	4Gam Crv	2.5800	13100.	91	24953	No
98	GOM_NL__2PRFIN20061208_084254_000000442053_00350_24953_2210.N1	08-DEC-2006 08:42:54	Dark	44.000	171	2Eps Crv	3.0010	4250.0	88	24953	No
99	GOM_NL__2PRFIN20061208_085211_000000392053_00351_24954_2339.N1	08-DEC-2006 08:52:11	Dark	38.500	113	Mu Vel	2.6920	5000.0	77	24954	No
100	GOM_NL__2PRFIN20061208_090053_000000402053_00351_24954_2340.N1	08-DEC-2006 09:00:53	Dark	40.000	34	Gam2Vel	1.7930	23000.	80	24954	No
101	GOM_NL__2PRFIN20061208_090252_000000452053_00351_24954_2341.N1	08-DEC-2006 09:02:52	Dark	45.000	70	Zet Pup	2.2460	39000.	90	24954	No

102	GOM_NL__2PRFIN20061208_090559_000000512053_00351_24954_2342.N1	08-DEC-2006 09:05:59	Dark	50.500	117	Pi Pup	2.7060	3800.0	101	24954	No
103	GOM_NL__2PRFIN20061208_090952_000000352053_00351_24954_2343.N1	08-DEC-2006 09:09:52	Dark	35.000	108	Alp Col	2.6520	15200.	70	24954	No
104	GOM_NL__2PRFIN20061208_091511_000000402053_00351_24954_2344.N1	08-DEC-2006 09:15:11	Straylight	39.500	101	11Alp Lep	2.5820	7000.0	79	24954	No
105	GOM_NL__2PRFIN20061208_091829_000000532053_00351_24954_2345.N1	08-DEC-2006 09:18:29	Straylight	52.500	7	19Bet Ori	0.10000	14000.	105	24954	No
106	GOM_NL__2PRFIN20061208_092105_000000462053_00351_24954_2346.N1	08-DEC-2006 09:21:05	Straylight	46.000	30	46Eps Ori	1.6940	30000.	92	24954	No
107	GOM_NL__2PRFIN20061208_092335_000000462053_00351_24954_2347.N1	08-DEC-2006 09:23:35	Tw_i_and_stray	46.000	27	24Gam Ori	1.6360	26000.	92	24954	No
108	GOM_NL__2PRFIN20061208_092605_000000512053_00351_24954_2348.N1	08-DEC-2006 09:26:05	Bright	51.000	13	87Alp Tau	0.86700	3800.0	102	24954	No
109	GOM_NL__2PRFIN20061208_093134_000000372053_00351_24954_2349.N1	08-DEC-2006 09:31:34	Bright	37.000	114	3lot Aur	2.6930	4600.0	74	24954	No
110	GOM_NL__2PRFIN20061208_093550_000000362053_00351_24954_2350.N1	08-DEC-2006 09:35:50	Bright	35.500	6	13Alp Aur	0.080000	3400.0	71	24954	No
111	GOM_NL__2PRFIN20061208_093711_000000362053_00351_24954_2351.N1	08-DEC-2006 09:37:11	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	24954	No
112	GOM_NL__2PRFIN20061208_095223_000000582053_00351_24954_2352.N1	08-DEC-2006 09:52:23	Bright	58.000	36	50Alp UMa	1.8000	6300.0	116	24954	No
113	GOM_NL__2PRFIN20061208_095603_000000312053_00351_24954_2353.N1	08-DEC-2006 09:56:03	Bright	31.000	32	77Eps UMa	1.7630	11000.	62	24954	No
114	GOM_NL__2PRFIN20061208_095821_000000292053_00351_24954_2354.N1	08-DEC-2006 09:58:21	Bright	29.000	39	85Eta UMa	1.8540	24000.	58	24954	No
115	GOM_NL__2PRFIN20061208_100153_000000362053_00351_24954_2355.N1	08-DEC-2006 10:01:53	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	24954	No
116	GOM_NL__2PRFIN20061208_100738_000000312053_00351_24954_2356.N1	08-DEC-2006 10:07:38	Bright	31.000	111	8Eta Boo	2.6800	6000.0	62	24954	No
117	GOM_NL__2PRFIN20061208_101105_000000572053_00351_24954_2357.N1	08-DEC-2006 10:11:05	Bright	57.000	138	47Eps Vir	2.8280	4700.0	114	24954	No
118	GOM_NL__2PRFIN20061208_101550_000000442053_00351_24954_2358.N1	08-DEC-2006 10:15:50	Tw_i_and_stray	44.000	121	29Gam Vir	2.7400	7200.0	88	24954	No
119	GOM_NL__2PRFIN20061208_102155_000000462053_00351_24954_2359.N1	08-DEC-2006 10:21:55	Dark	45.500	100	4Gam Crv	2.5800	13100.	91	24954	No
120	GOM_NL__2PRFIN20061208_102331_000000432053_00351_24954_2360.N1	08-DEC-2006 10:23:31	Dark	43.000	171	2Eps Crv	3.0010	4250.0	86	24954	No
121	GOM_NL__2PRFIN20061208_103248_000000402053_00352_24955_2711.N1	08-DEC-2006 10:32:48	Dark	39.500	113	Mu Vel	2.6920	5000.0	79	24955	No
122	GOM_NL__2PRFIN20061208_104129_000000402053_00352_24955_2712.N1	08-DEC-2006 10:41:29	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	24955	No
123	GOM_NL__2PRFIN20061208_104329_000000462053_00352_24955_2713.N1	08-DEC-2006 10:43:29	Dark	45.500	70	Zet Pup	2.2460	39000.	91	24955	No
124	GOM_NL__2PRFIN20061208_104636_000000512053_00352_24955_2714.N1	08-DEC-2006 10:46:36	Dark	51.000	117	Pi Pup	2.7060	3800.0	102	24955	No
125	GOM_NL__2PRFIN20061208_105028_000000362053_00352_24955_2715.N1	08-DEC-2006 10:50:28	Dark	36.000	108	Alp Col	2.6520	15200.	72	24955	No
126	GOM_NL__2PRFIN20061208_105547_000000382053_00352_24955_2716.N1	08-DEC-2006 10:55:47	Straylight	38.000	101	11Alp Lep	2.5820	7000.0	76	24955	No
127	GOM_NL__2PRFIN20061208_105905_000000482053_00352_24955_2717.N1	08-DEC-2006 10:59:05	Straylight	48.000	7	19Bet Ori	0.10000	14000.	96	24955	No
128	GOM_NL__2PRFIN20061208_110140_000000462053_00352_24955_2718.N1	08-DEC-2006 11:01:40	Straylight	45.500	30	46Eps Ori	1.6940	30000.	91	24955	No
129	GOM_NL__2PRFIN20061208_110411_000000442053_00352_24955_2719.N1	08-DEC-2006 11:04:11	Tw_i_and_stray	43.500	27	24Gam Ori	1.6360	26000.	87	24955	No
130	GOM_NL__2PRFIN20061208_110641_000000512053_00352_24955_2720.N1	08-DEC-2006 11:06:41	Bright	51.000	13	87Alp Tau	0.86700	3800.0	102	24955	No
131	GOM_NL__2PRFIN20061208_111209_000000362053_00352_24955_2721.N1	08-DEC-2006 11:12:09	Bright	36.000	114	3lot Aur	2.6930	4600.0	72	24955	No
132	GOM_NL__2PRFIN20061208_111625_000000392053_00352_24955_2722.N1	08-DEC-2006 11:16:25	Bright	38.500	6	13Alp Aur	0.080000	3400.0	77	24955	No
133	GOM_NL__2PRFIN20061208_111746_000000362053_00352_24955_2723.N1	08-DEC-2006 11:17:46	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	24955	No
134	GOM_NL__2PRFIN20061208_113258_000000582053_00352_24955_2724.N1	08-DEC-2006 11:32:58	Bright	58.000	36	50Alp UMa	1.8000	6300.0	116	24955	No
135	GOM_NL__2PRFIN20061208_113639_000000342053_00352_24955_2725.N1	08-DEC-2006 11:36:39	Bright	34.000	32	77Eps UMa	1.7630	11000.	68	24955	No
136	GOM_NL__2PRFIN20061208_113857_000000322053_00352_24955_2726.N1	08-DEC-2006 11:38:57	Bright	32.000	39	85Eta UMa	1.8540	24000.	64	24955	No
137	GOM_NL__2PRFIN20061208_114229_000000352053_00352_24955_2727.N1	08-DEC-2006 11:42:29	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	24955	No
138	GOM_NL__2PRFIN20061208_114814_000000312053_00352_24955_2728.N1	08-DEC-2006 11:48:14	Bright	31.000	111	8Eta Boo	2.6800	6000.0	62	24955	No
139	GOM_NL__2PRFIN20061208_115141_000000392053_00352_24955_2729.N1	08-DEC-2006 11:51:41	Bright	39.000	138	47Eps Vir	2.8280	4700.0	78	24955	No
140	GOM_NL__2PRFIN20061208_115627_000000462053_00352_24955_2730.N1	08-DEC-2006 11:56:27	Tw_i_and_stray	45.500	121	29Gam Vir	2.7400	7200.0	91	24955	No
141	GOM_NL__2PRFIN20061208_120232_000000462053_00352_24955_2731.N1	08-DEC-2006 12:02:32	Dark	45.500	100	4Gam Crv	2.5800	13100.	91	24955	No
142	GOM_NL__2PRFIN20061208_120408_000000462053_00352_24955_2732.N1	08-DEC-2006 12:04:08	Dark	46.000	171	2Eps Crv	3.0010	4250.0	92	24955	No
143	GOM_NL__2PRFIN20061208_121325_000000402053_00353_24956_2863.N1	08-DEC-2006 12:13:25	Dark	39.500	113	Mu Vel	2.6920	5000.0	79	24956	No
144	GOM_NL__2PRFIN20061208_122206_000000422053_00353_24956_2864.N1	08-DEC-2006 12:22:06	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	24956	No
145	GOM_NL__2PRFIN20061208_122406_000000452053_00353_24956_2865.N1	08-DEC-2006 12:24:06	Dark	45.000	70	Zet Pup	2.2460	39000.	90	24956	No
146	GOM_NL__2PRFIN20061208_122712_000000522053_00353_24956_2866.N1	08-DEC-2006 12:27:12	Dark	51.500	117	Pi Pup	2.7060	3800.0	103	24956	No
147	GOM_NL__2PRFIN20061208_123104_000000382053_00353_24956_2867.N1	08-DEC-2006 12:31:04	Dark	37.500	108	Alp Col	2.6520	15200.	75	24956	No
148	GOM_NL__2PRFIN20061208_123623_000000442053_00353_24956_2868.N1	08-DEC-2006 12:36:23	Straylight	44.000	101	11Alp Lep	2.5820	7000.0	88	24956	No
149	GOM_NL__2PRFIN20061208_123941_000000522053_00353_24956_2869.N1	08-DEC-2006 12:39:41	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	24956	No
150	GOM_NL__2PRFIN20061208_124216_000000482053_00353_24956_2870.N1	08-DEC-2006 12:42:16	Straylight	48.000	30	46Eps Ori	1.6940	30000.	96	24956	No
151	GOM_NL__2PRFIN20061208_124446_000000462053_00353_24956_2871.N1	08-DEC-2006 12:44:46	Tw_i_and_stray	45.500	27	24Gam Ori	1.6360	26000.	91	24956	No
152	GOM_NL__2PRFIN20061208_124716_000000502053_00353_24956_2872.N1	08-DEC-2006 12:47:16	Bright	50.000	13	87Alp Tau	0.86700	3800.0	100	24956	No
153	GOM_NL__2PRFIN20061208_125245_000000362053_00353_24956_2873.N1	08-DEC-2006 12:52:45	Bright	35.500	114	3lot Aur	2.6930	4600.0	71	24956	No
154	GOM_NL__2PRFIN20061208_125700_000000382053_00353_24956_2874.N1	08-DEC-2006 12:57:00	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	24956	No
155	GOM_NL__2PRFIN20061208_125822_000000392053_00353_24956_2875.N1	08-DEC-2006 12:58:22	Bright	39.000	42	34Bet Aur	1.9000	10200.	78	24956	No
156	GOM_NL__2PRFIN20061208_131334_000000392053_00353_24956_2876.N1	08-DEC-2006 13:13:34	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	24956	No
157	GOM_NL__2PRFIN20061208_131714_000000332053_00353_24956_2877.N1	08-DEC-2006 13:17:14	Bright	33.000	32	77Eps UMa	1.7630	11000.	66	24956	No
158	GOM_NL__2PRFIN20061208_131932_000000302053_00353_24956_2878.N1	08-DEC-2006 13:19:32	Bright	30.000	39	85Eta UMa	1.8540	24000.	60	24956	No
159	GOM_NL__2PRFIN20061208_132305_000000352053_00353_24956_2879.N1	08-DEC-2006 13:23:05	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	24956	No
160	GOM_NL__2PRFIN20061208_132851_000000322053_00353_24956_2880.N1	08-DEC-2006 13:28:51	Bright	32.000	111	8Eta Boo	2.6800	6000.0	64	24956	No





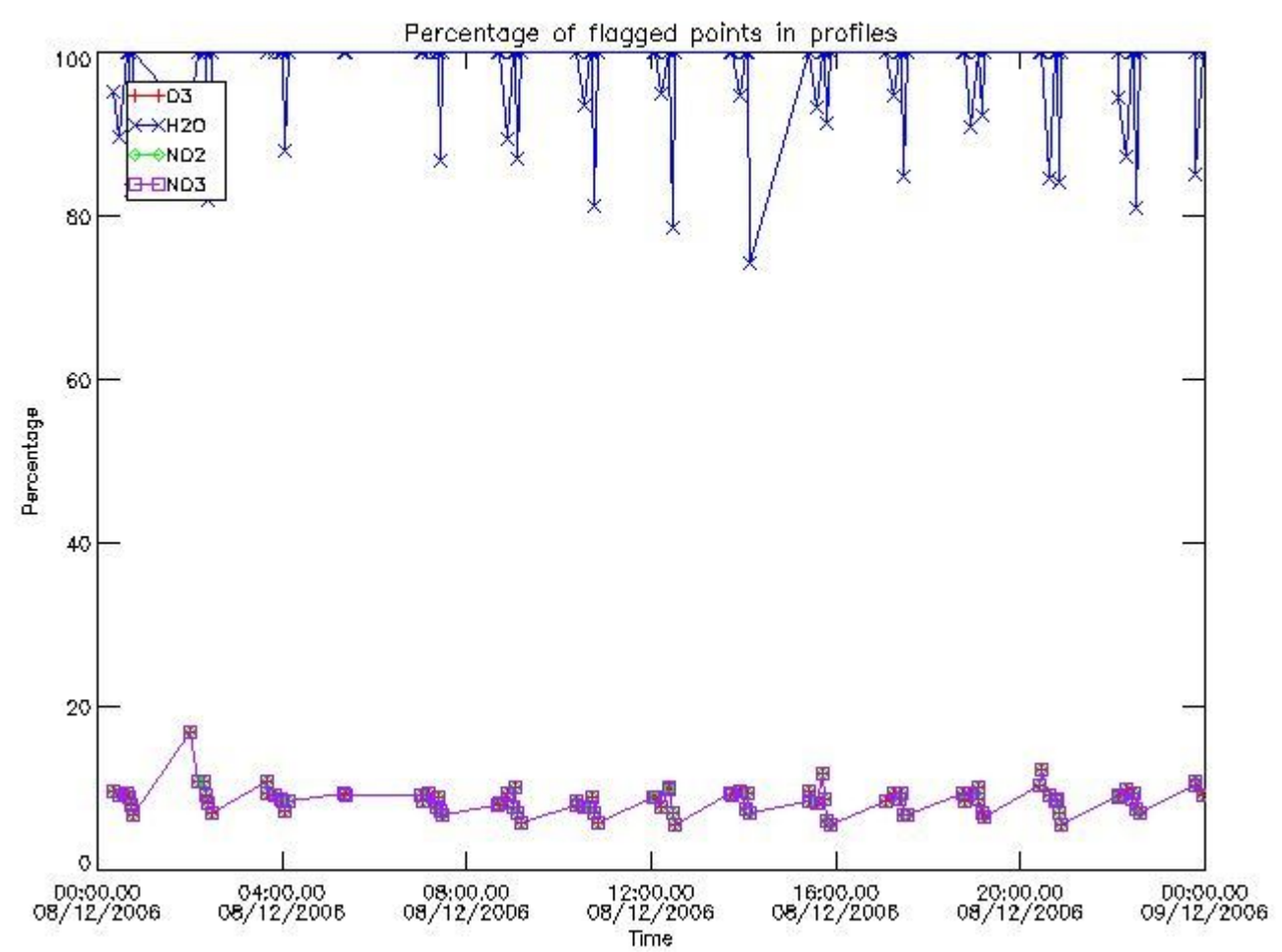


279	GOM_NL__2PRFIN20061208_223441_000000372053_00359_24962_3666.N1	08-DEC-2006 22:34:41	Dark	37.000	108	Alp Col	2.6520	15200.	74	24962	No
280	GOM_NL__2PRFIN20061208_223959_000000412053_00359_24962_3667.N1	08-DEC-2006 22:39:59	Straylight	41.000	101	11Alp Lep	2.5820	7000.0	82	24962	No
281	GOM_NL__2PRFIN20061208_224316_000000442053_00359_24962_3668.N1	08-DEC-2006 22:43:16	Straylight	44.000	7	19Bet Ori	0.10000	14000.	88	24962	No
282	GOM_NL__2PRFIN20061208_224550_000000482053_00359_24962_3669.N1	08-DEC-2006 22:45:50	Straylight	47.500	30	46Eps Ori	1.6940	30000.	95	24962	No
283	GOM_NL__2PRFIN20061208_224820_000000452053_00359_24962_3670.N1	08-DEC-2006 22:48:20	Twilight	45.000	27	24Gam Ori	1.6360	26000.	90	24962	No
284	GOM_NL__2PRFIN20061208_225051_000000512053_00359_24962_3671.N1	08-DEC-2006 22:50:51	Bright	51.000	13	87Alp Tau	0.86700	3800.0	102	24962	No
285	GOM_NL__2PRFIN20061208_225618_000000372053_00359_24962_3672.N1	08-DEC-2006 22:56:18	Bright	37.000	114	3lot Aur	2.6930	4600.0	74	24962	No
286	GOM_NL__2PRFIN20061208_230033_000000392053_00359_24962_3673.N1	08-DEC-2006 23:00:33	Bright	38.500	6	13Alp Aur	0.080000	3400.0	77	24962	No
287	GOM_NL__2PRFIN20061208_230153_000000392053_00359_24962_3674.N1	08-DEC-2006 23:01:53	Bright	38.500	42	34Bet Aur	1.9000	10200.	77	24962	No
288	GOM_NL__2PRFIN20061208_231707_000000392053_00359_24962_3675.N1	08-DEC-2006 23:17:07	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	24962	No
289	GOM_NL__2PRFIN20061208_232050_000000352053_00359_24962_3676.N1	08-DEC-2006 23:20:50	Bright	34.500	32	77Eps UMa	1.7630	11000.	69	24962	No
290	GOM_NL__2PRFIN20061208_232308_000000312053_00359_24962_3677.N1	08-DEC-2006 23:23:08	Bright	31.000	39	85Eta UMa	1.8540	24000.	62	24962	No
291	GOM_NL__2PRFIN20061208_232641_000000362053_00359_24962_3678.N1	08-DEC-2006 23:26:41	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	24962	No
292	GOM_NL__2PRFIN20061208_233228_000000332053_00359_24962_3679.N1	08-DEC-2006 23:32:28	Bright	32.500	111	8Eta Boo	2.6800	6000.0	65	24962	No
293	GOM_NL__2PRFIN20061208_233556_000000392053_00359_24962_3680.N1	08-DEC-2006 23:35:56	Bright	39.000	138	47Eps Vir	2.8280	4700.0	78	24962	No
294	GOM_NL__2PRFIN20061208_234044_000000462053_00359_24962_3681.N1	08-DEC-2006 23:40:44	Twilight	45.500	121	29Gam Vir	2.7400	7200.0	91	24962	No
295	GOM_NL__2PRFIN20061208_234515_000000352053_00359_24962_3682.N1	08-DEC-2006 23:45:15	Twilight	35.000	169	46Gam Hya	2.9910	4700.0	70	24962	No
296	GOM_NL__2PRFIN20061208_234650_000000452053_00359_24962_3683.N1	08-DEC-2006 23:46:50	Dark	44.500	100	4Gam Crv	2.5800	13100.	89	24962	No
297	GOM_NL__2PRFIN20061208_234827_000000472053_00359_24962_3684.N1	08-DEC-2006 23:48:27	Dark	47.000	171	2Eps Crv	3.0010	4250.0	94	24962	No
298	GOM_NL__2PRFIN20061208_235742_000000402053_00360_24963_3686.N1	08-DEC-2006 23:57:42	Dark	39.500	113	Mu Vel	2.6920	5000.0	79	24963	No

### 3. Quality information per product

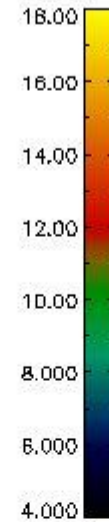
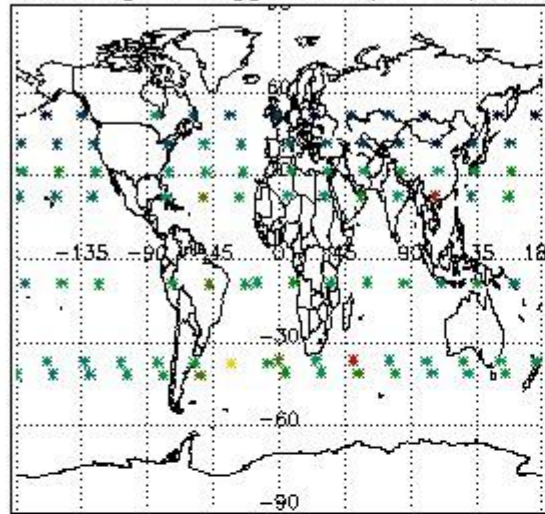
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

#### 3.1 Plot quality information per product (time dependant)

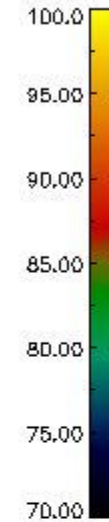
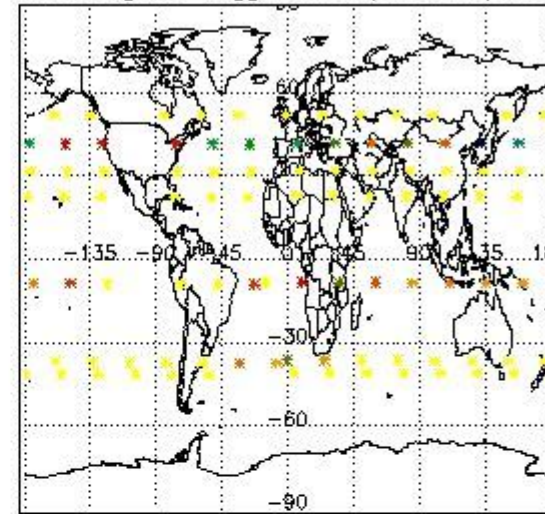


*3.2 Plot quality information per product (world map)*

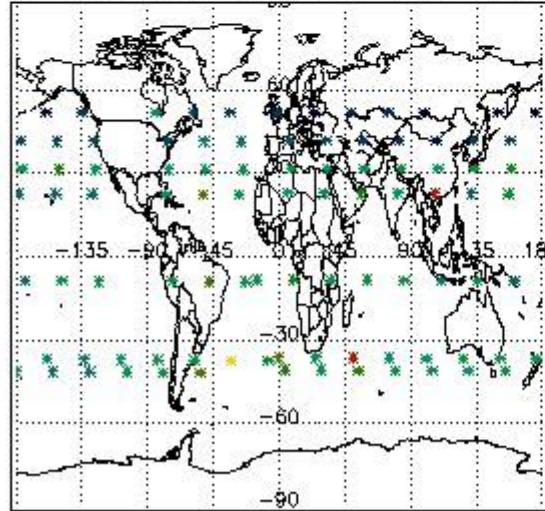
Percentage of flagged data per O3 profile



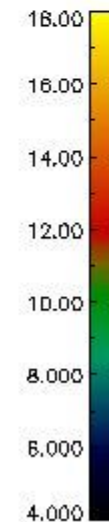
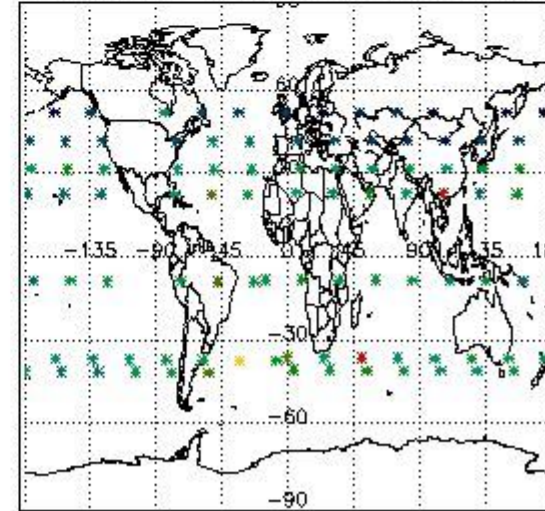
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

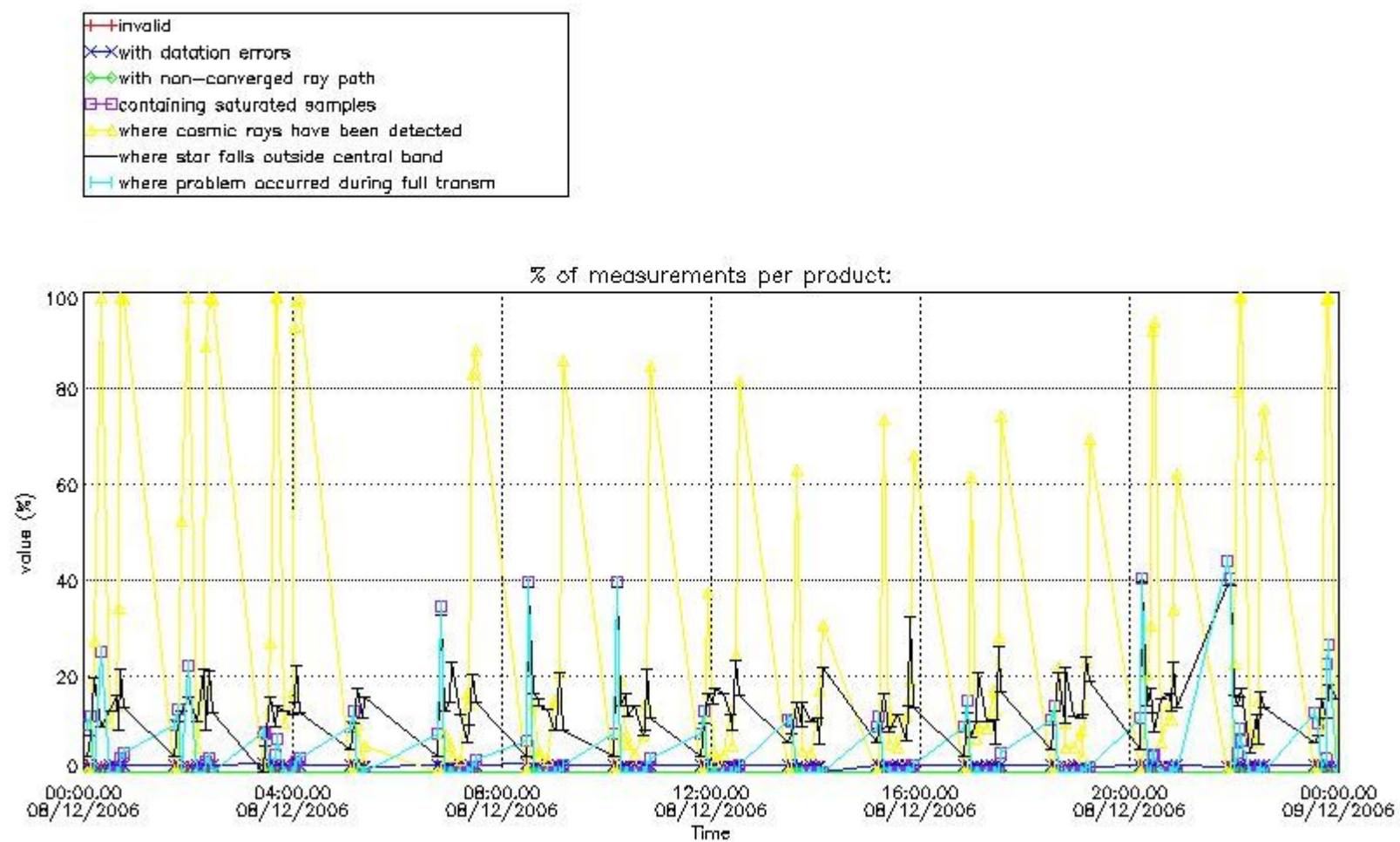


#### 4. Level 1 quality information per product

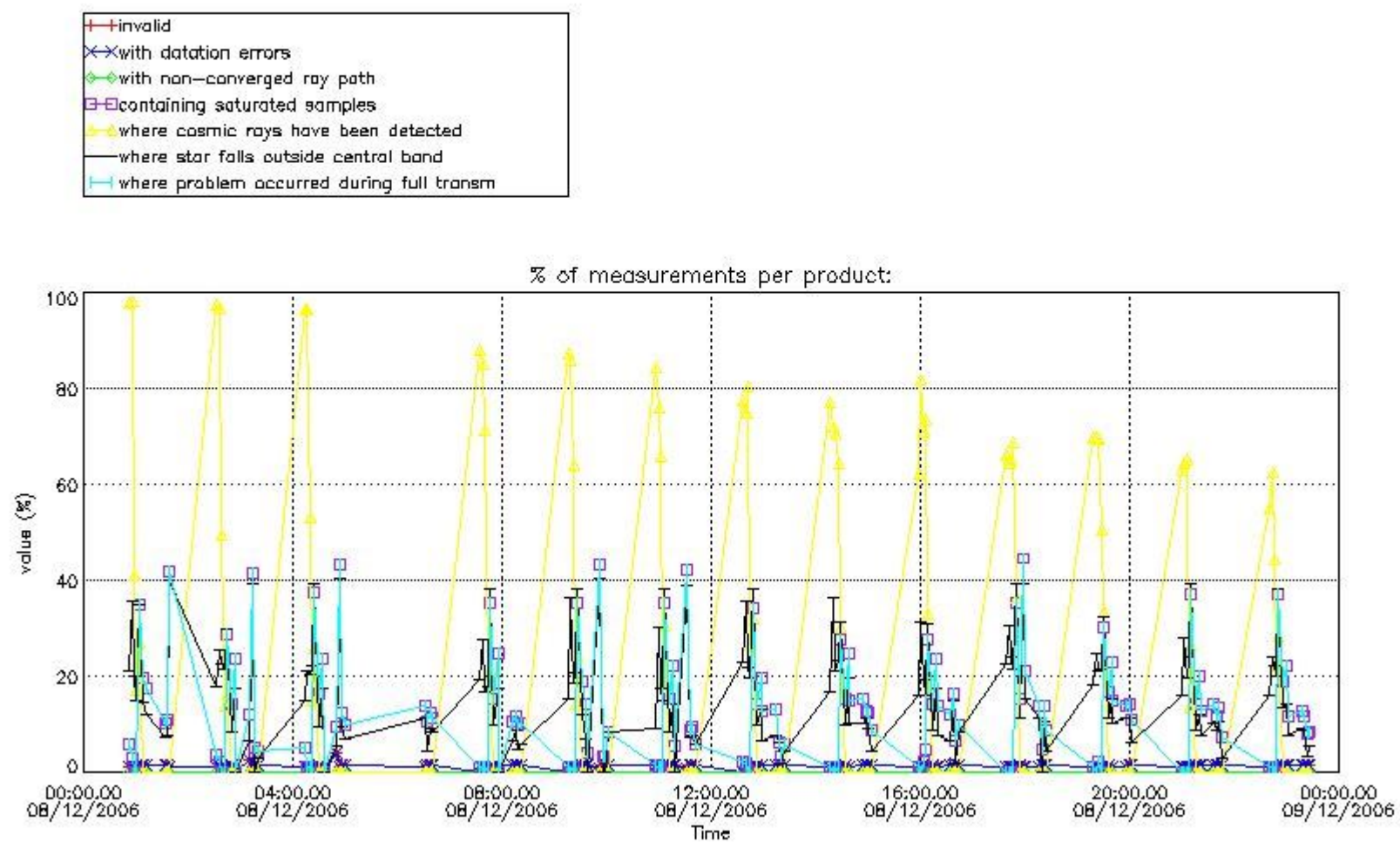
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

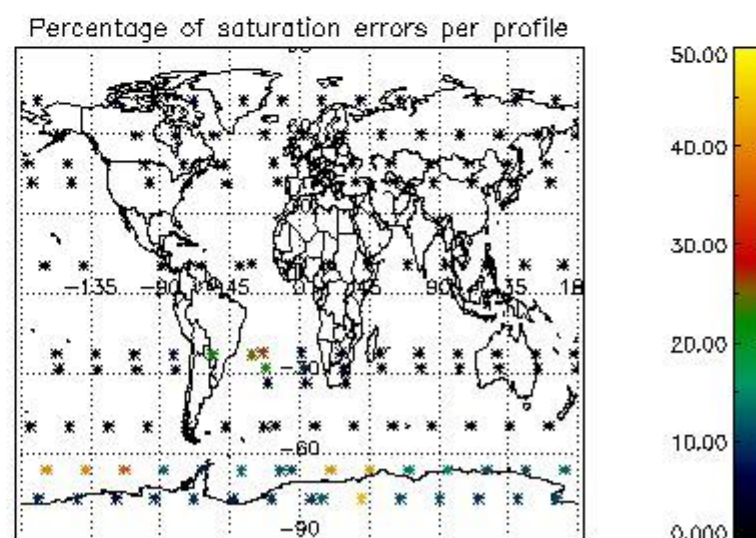
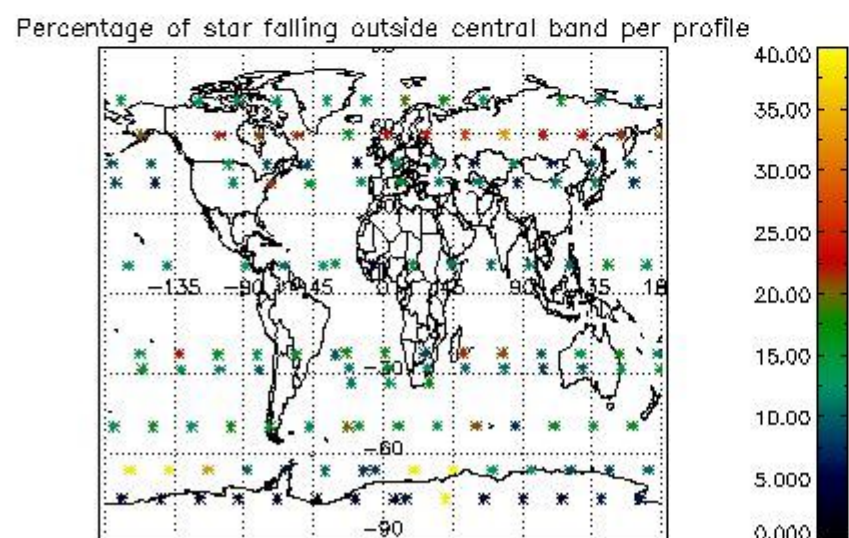
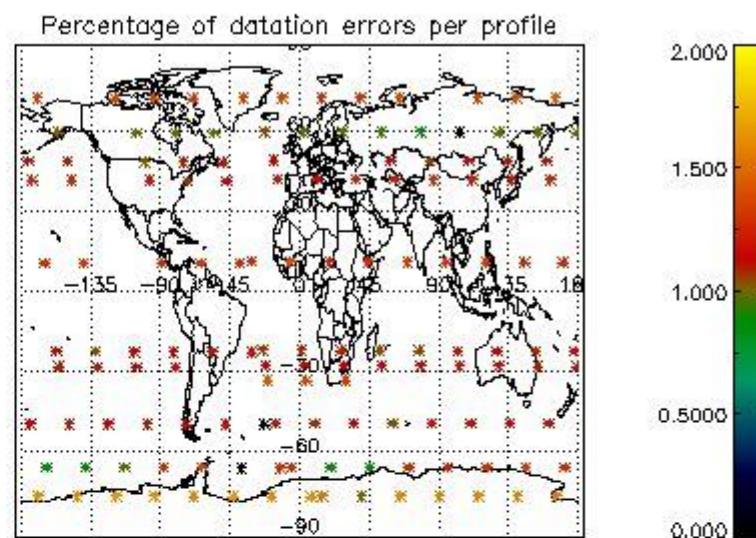
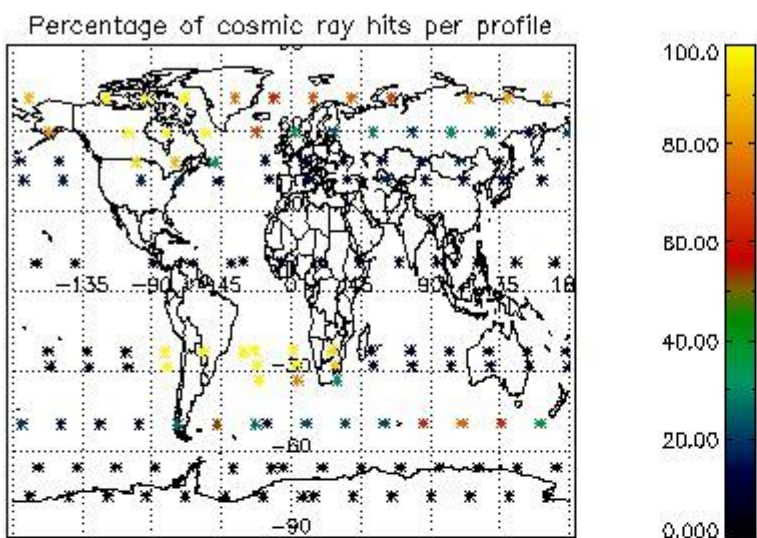


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



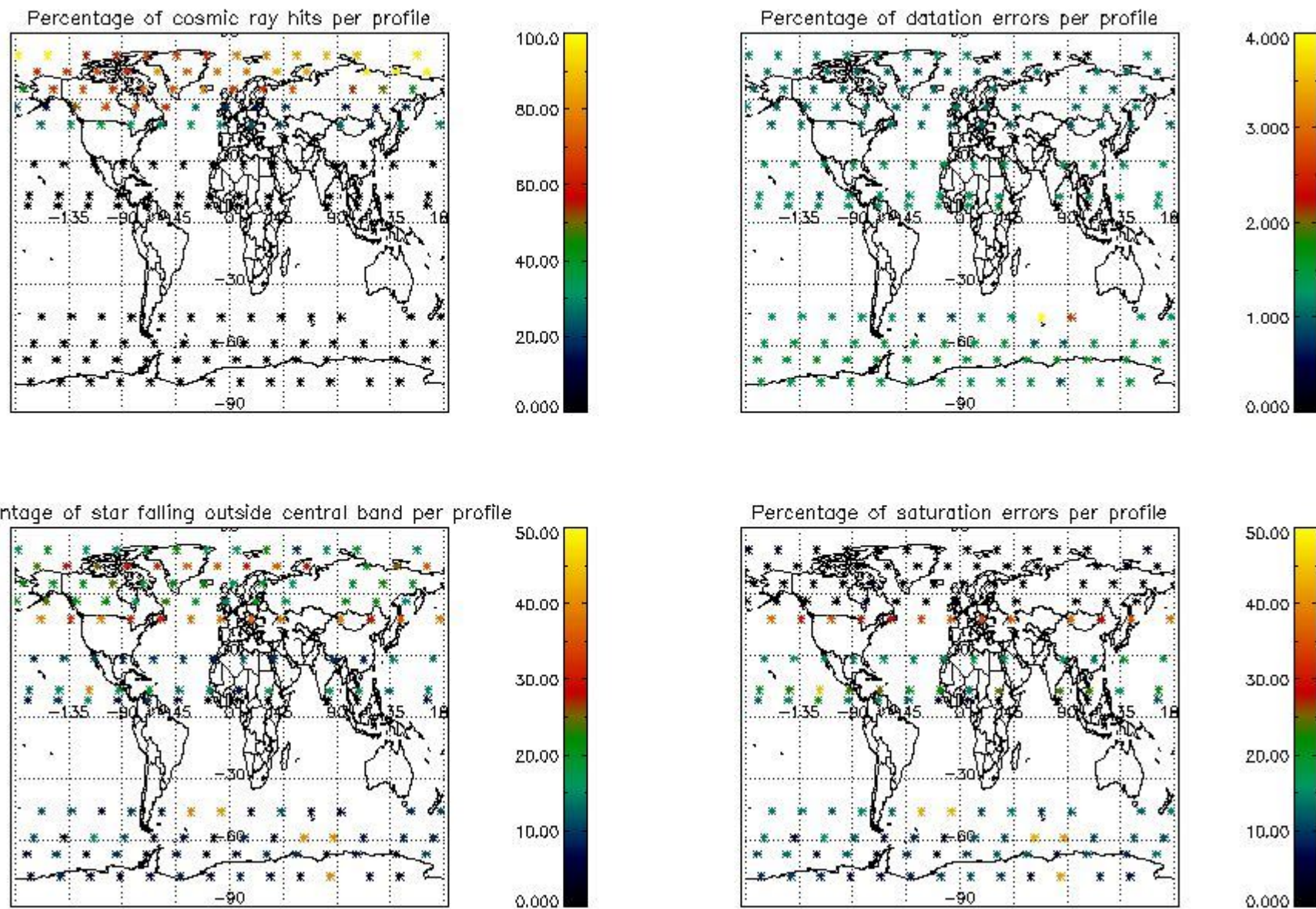
4.2 Plot quality information per product coming from level 1b processing (world map)

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



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

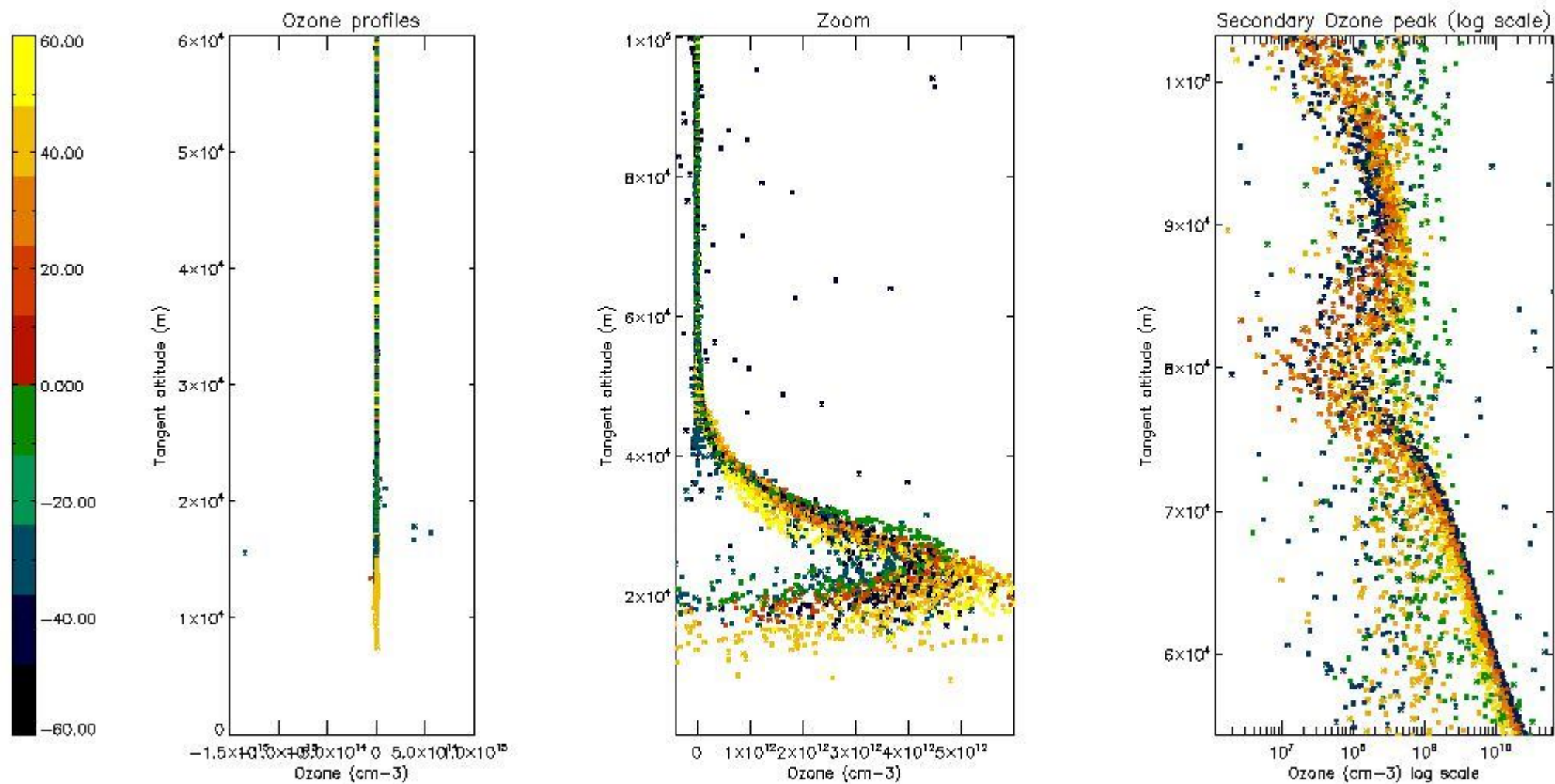
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	17

STD < 10	13
STD < 5	9

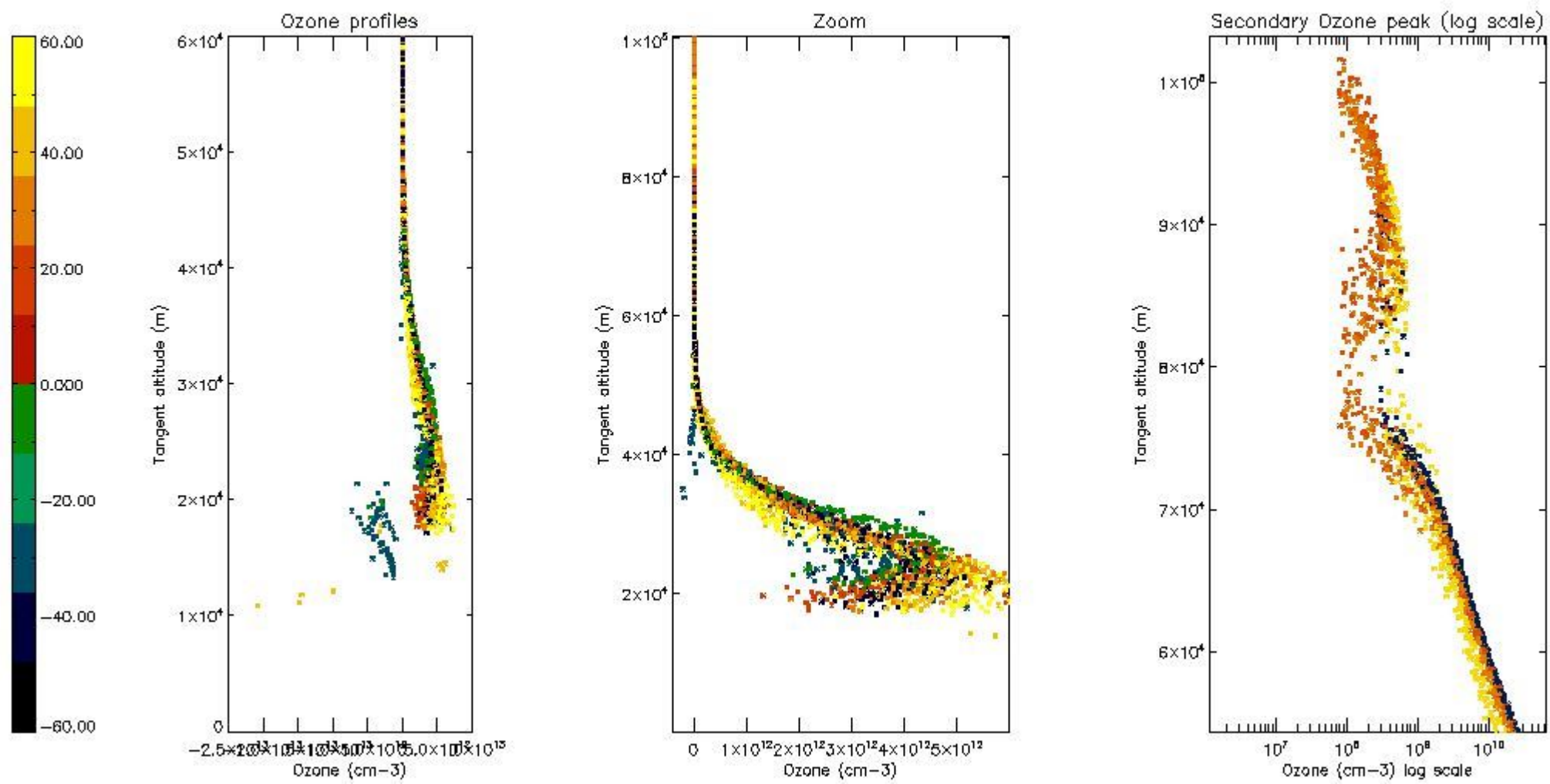
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



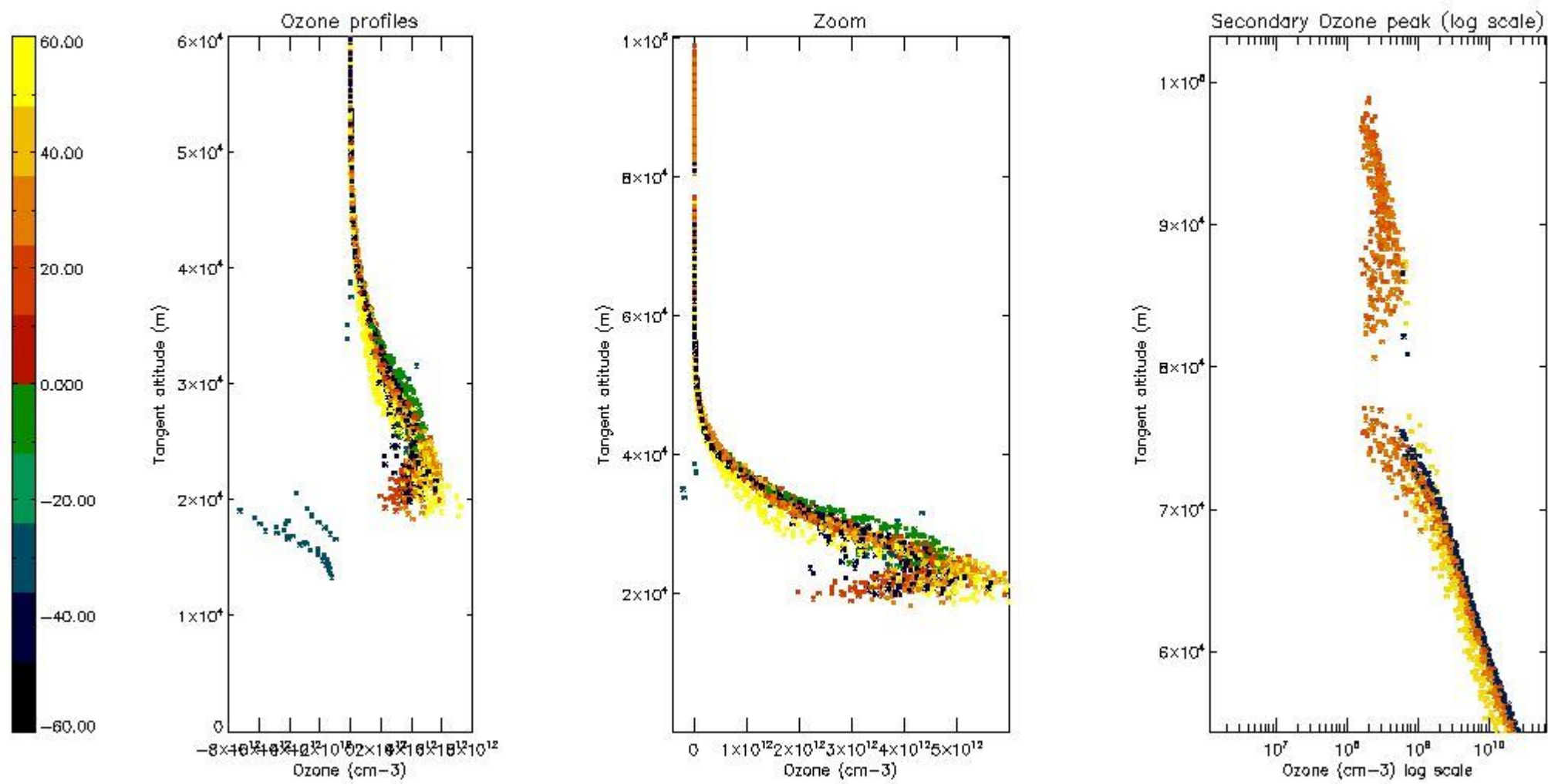
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



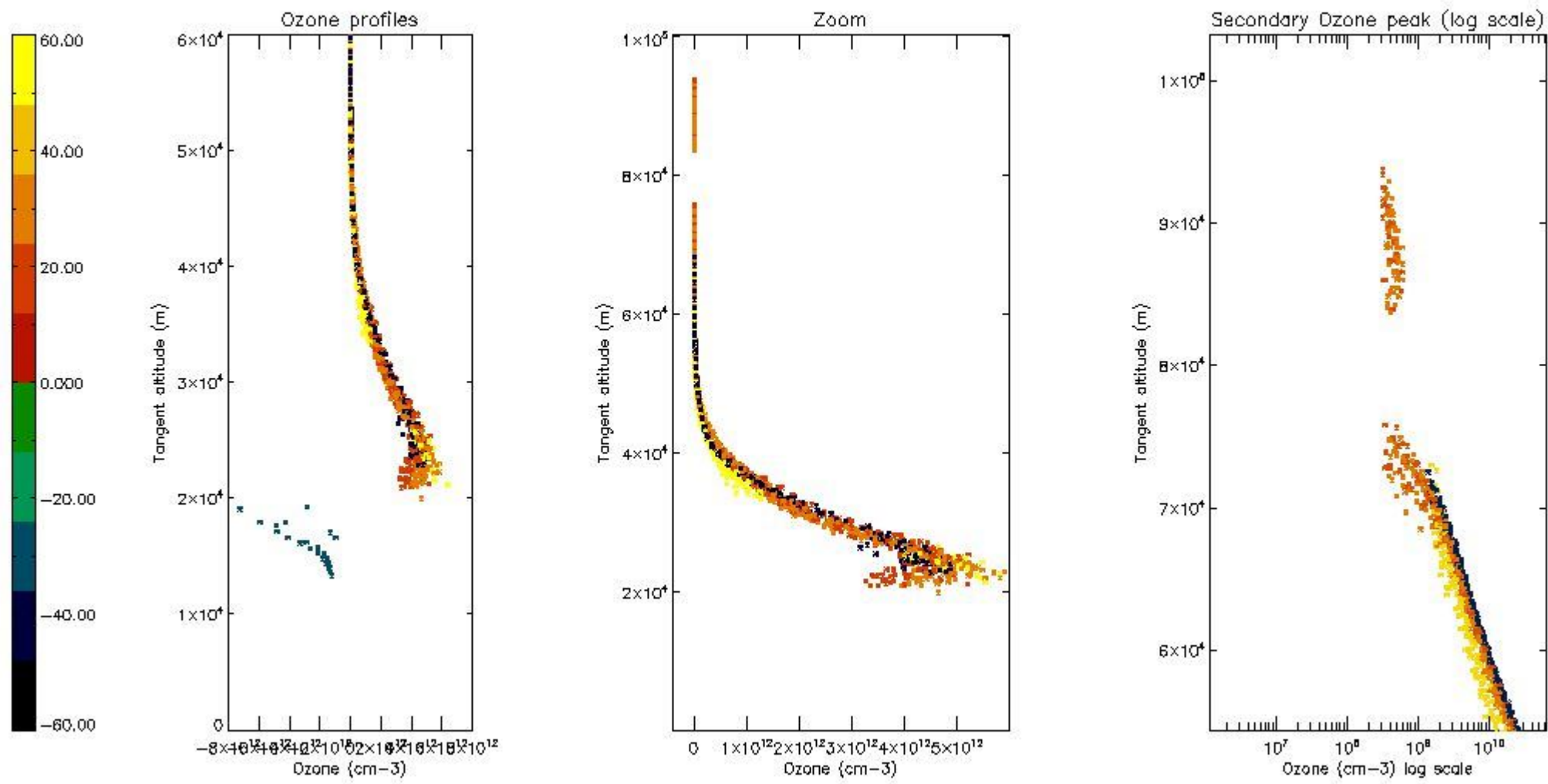
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



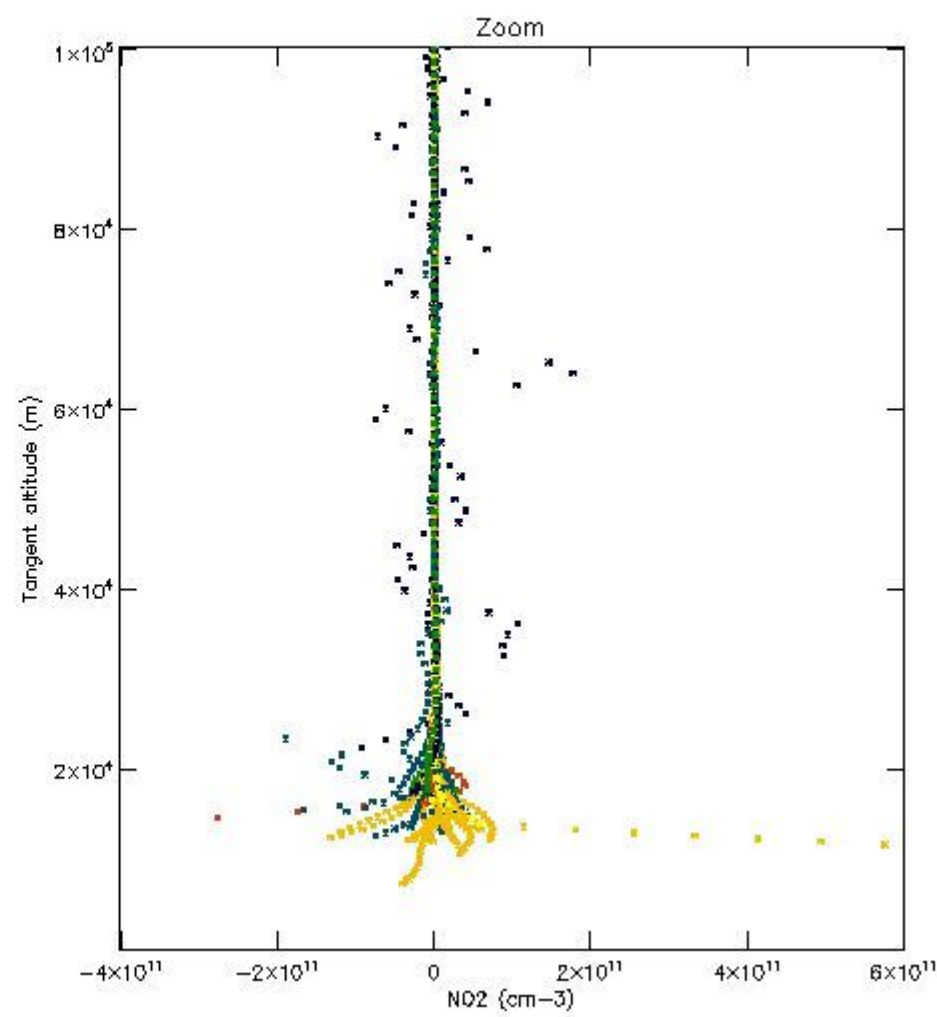
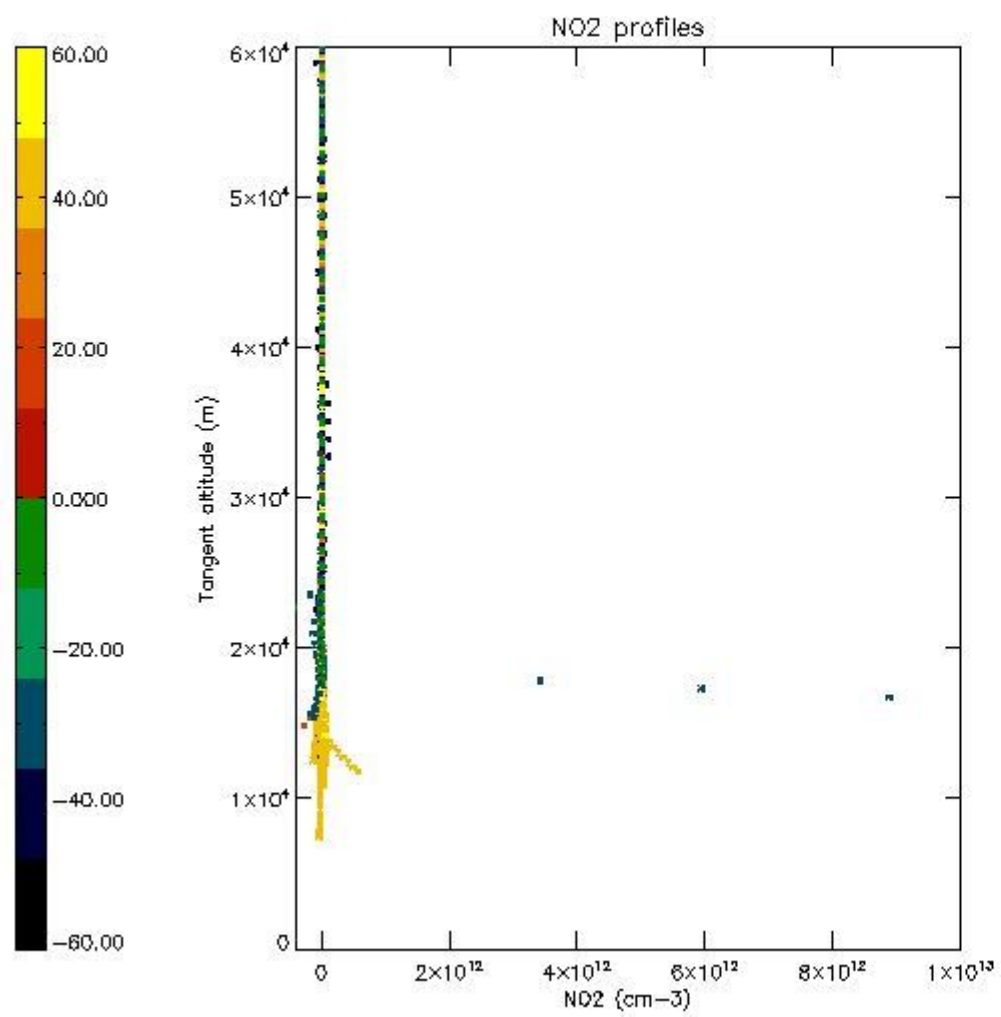
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



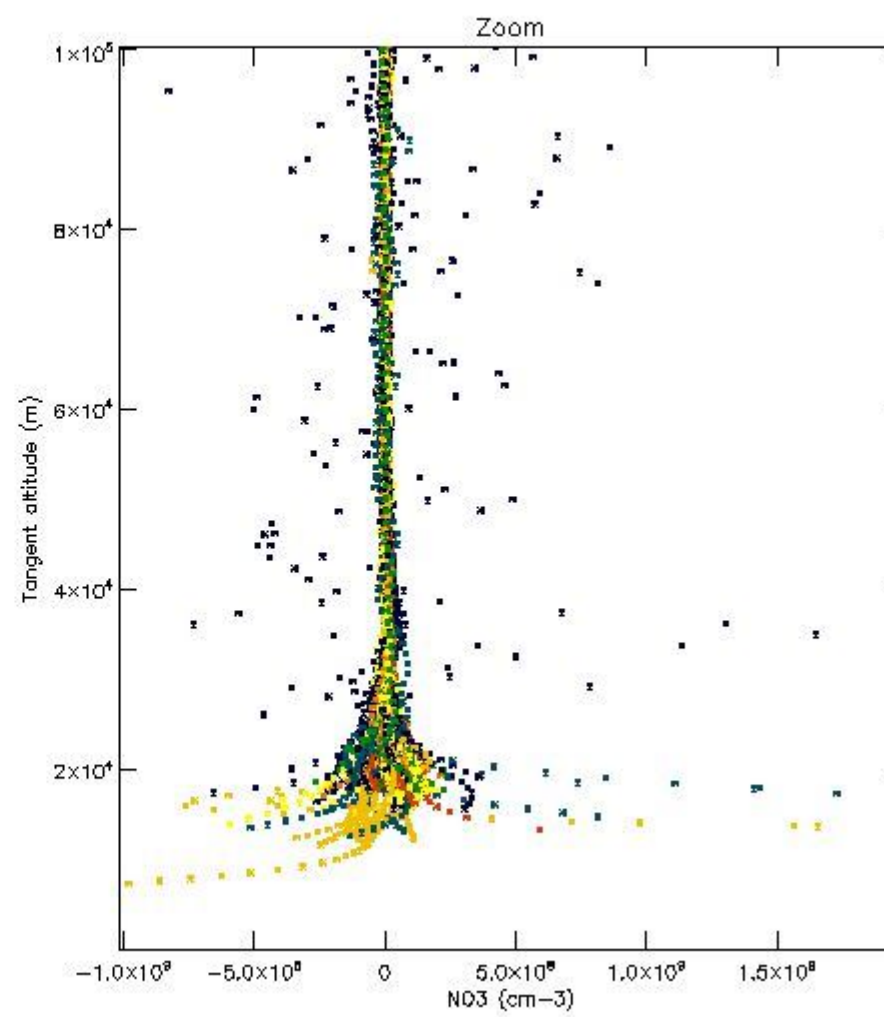
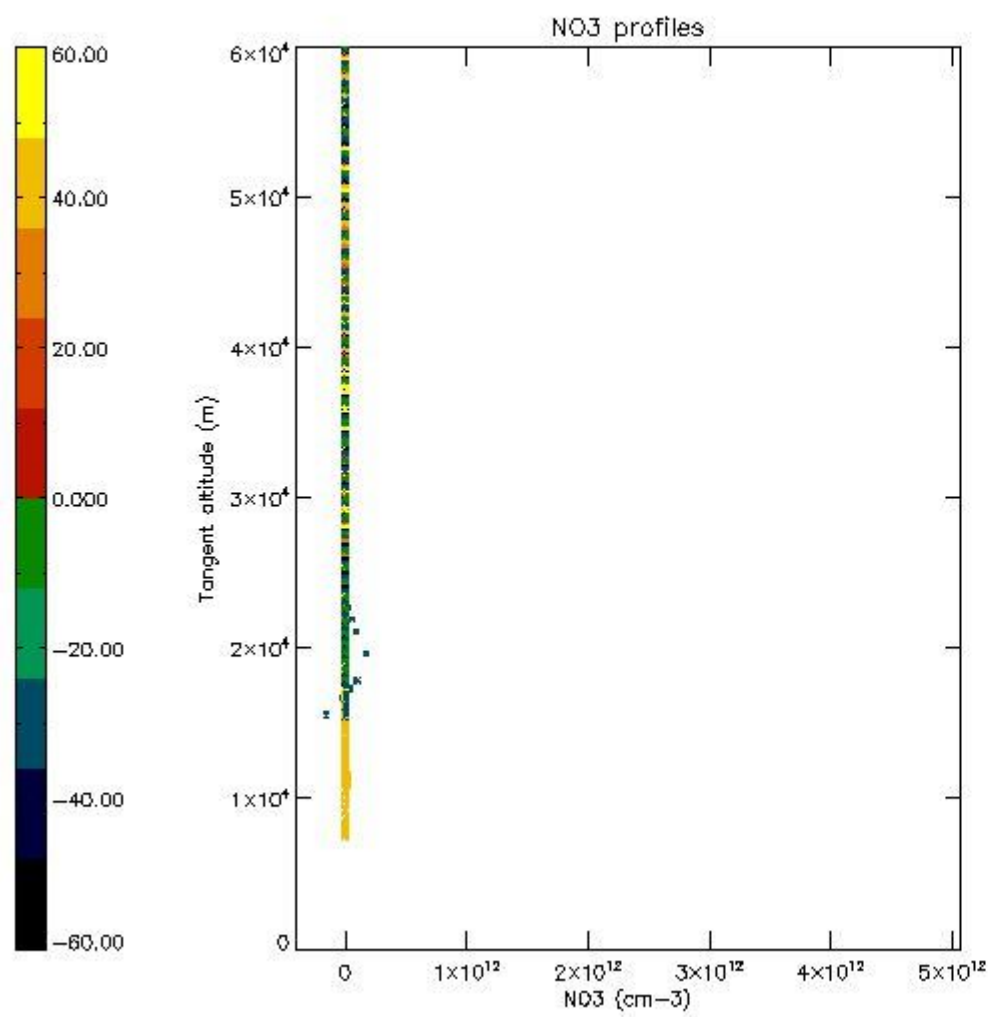
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



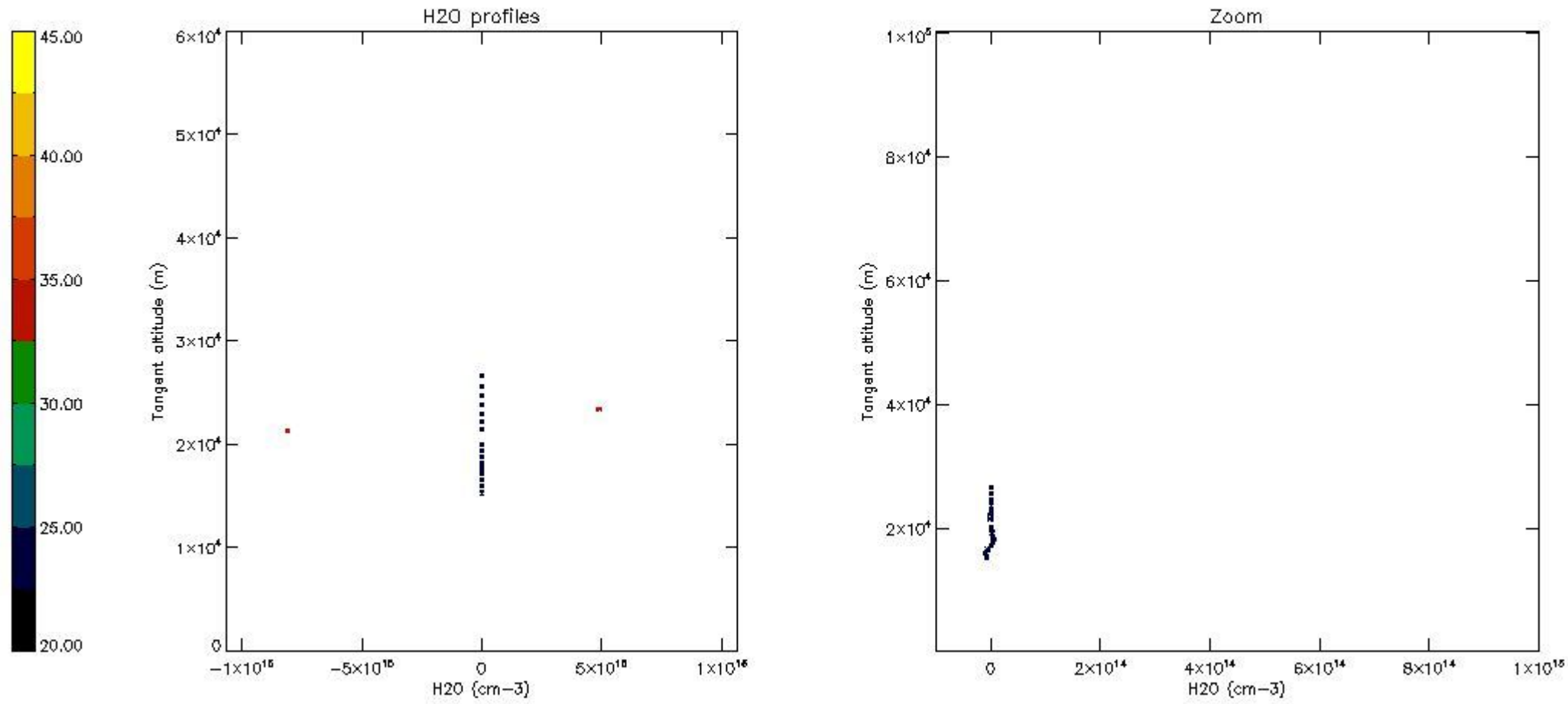
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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.

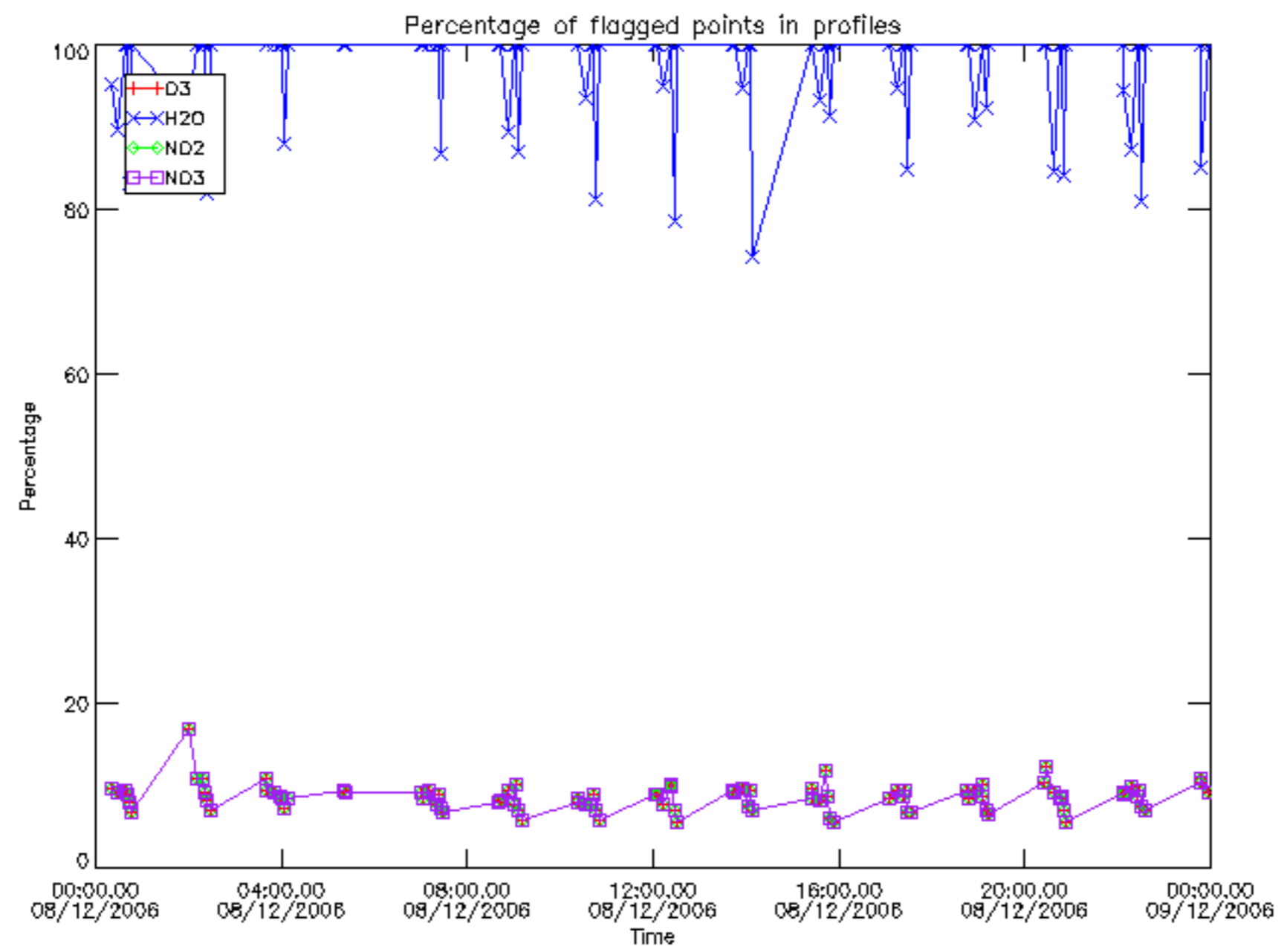


## 6. Auxiliary Data Files used for the production reported in section 2

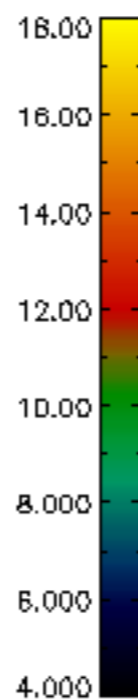
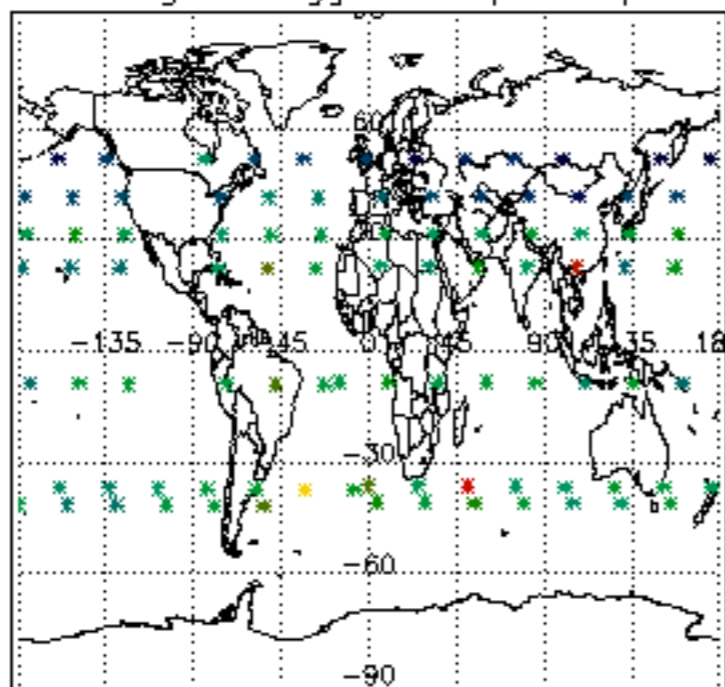
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	08-DEC-2006 00:04:01
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	08-DEC-2006 00:04:01
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	08-DEC-2006 00:04:01

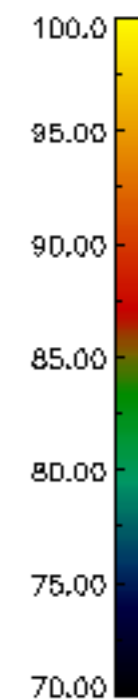
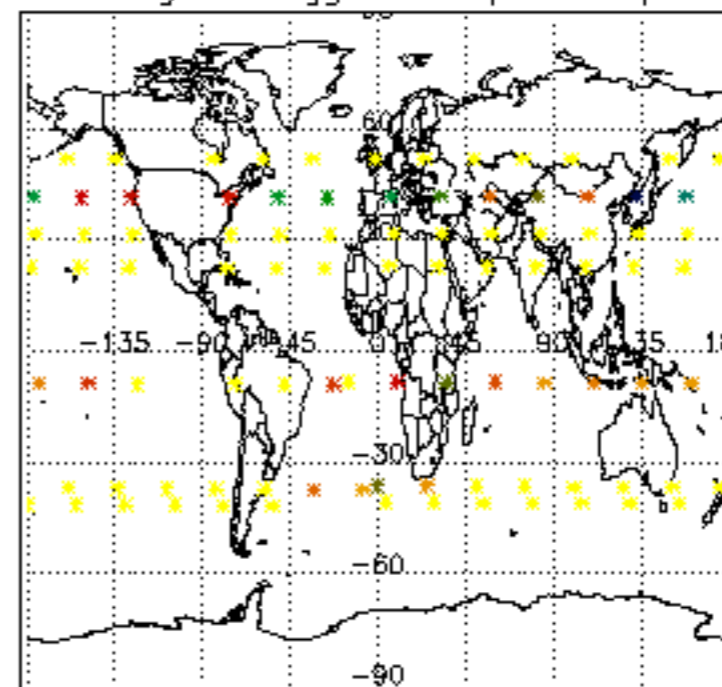




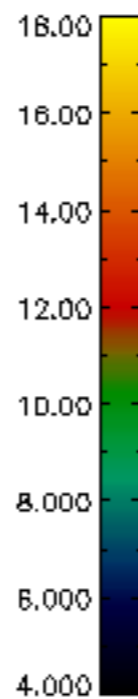
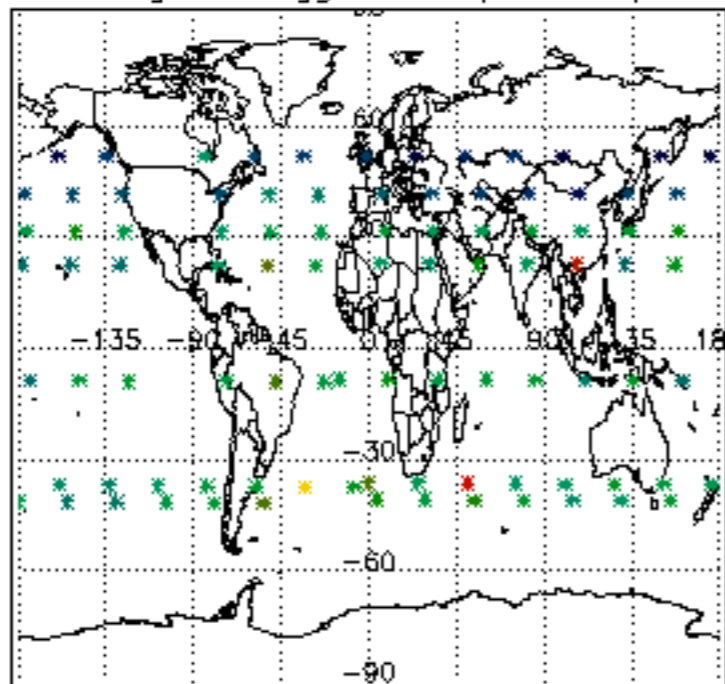
Percentage of flagged data per D3 profile



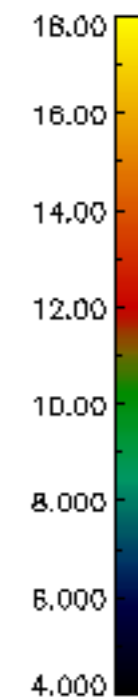
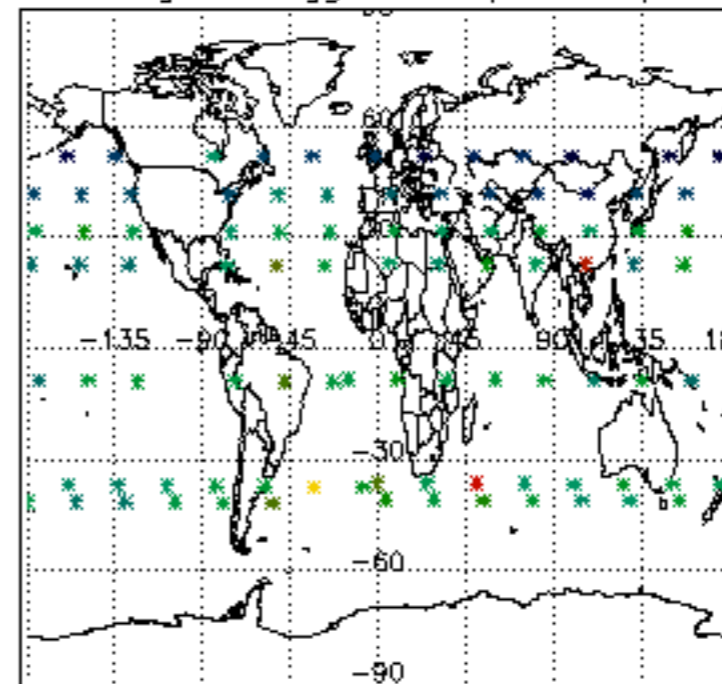
Percentage of flagged data per H2O profile

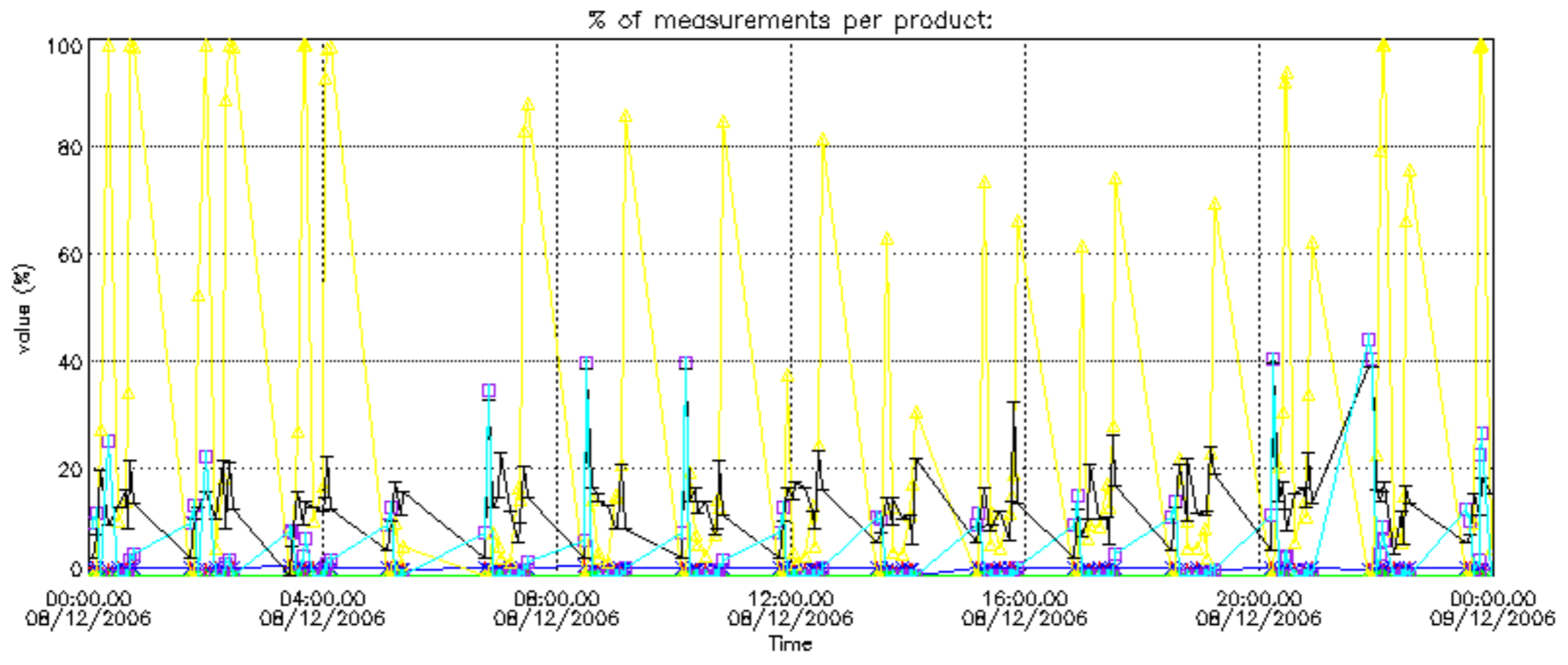


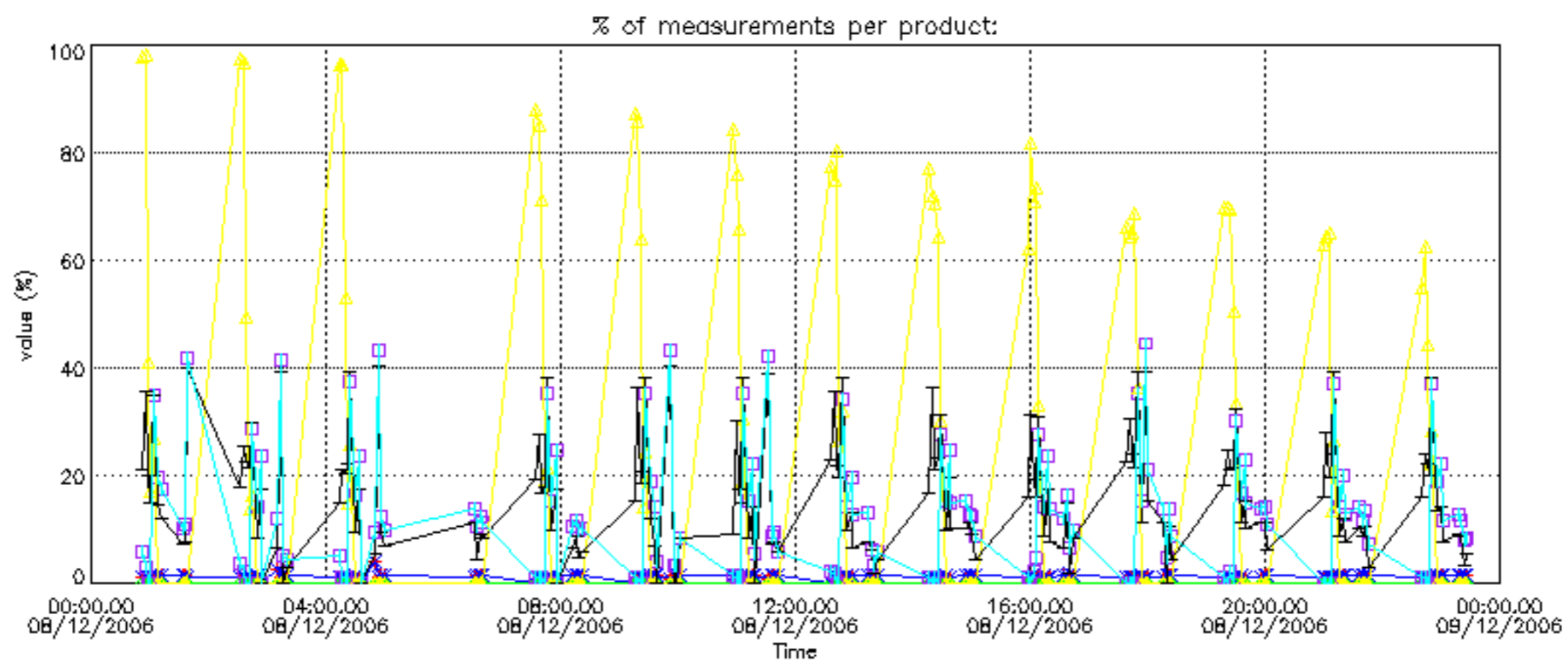
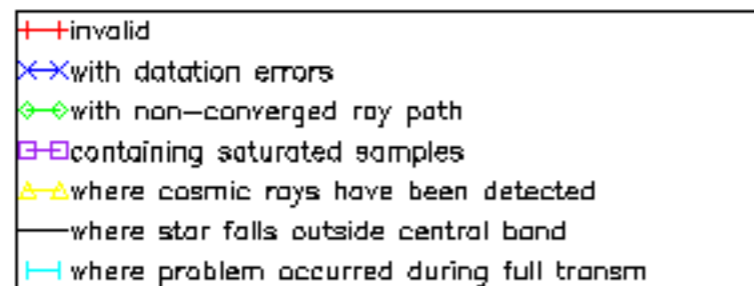
Percentage of flagged data per NO2 profile



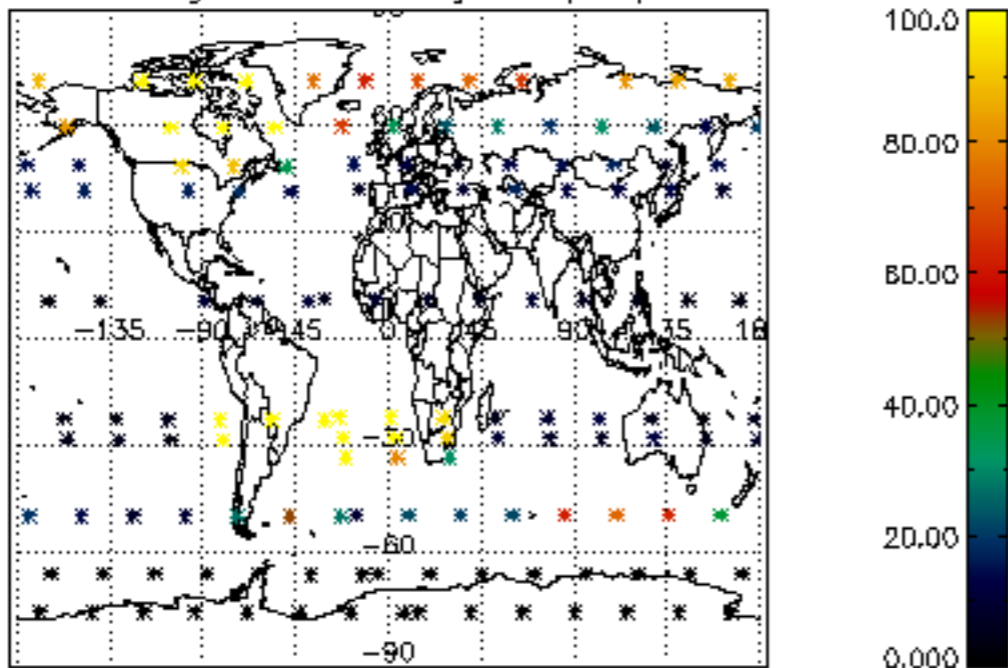
Percentage of flagged data per NO3 profile



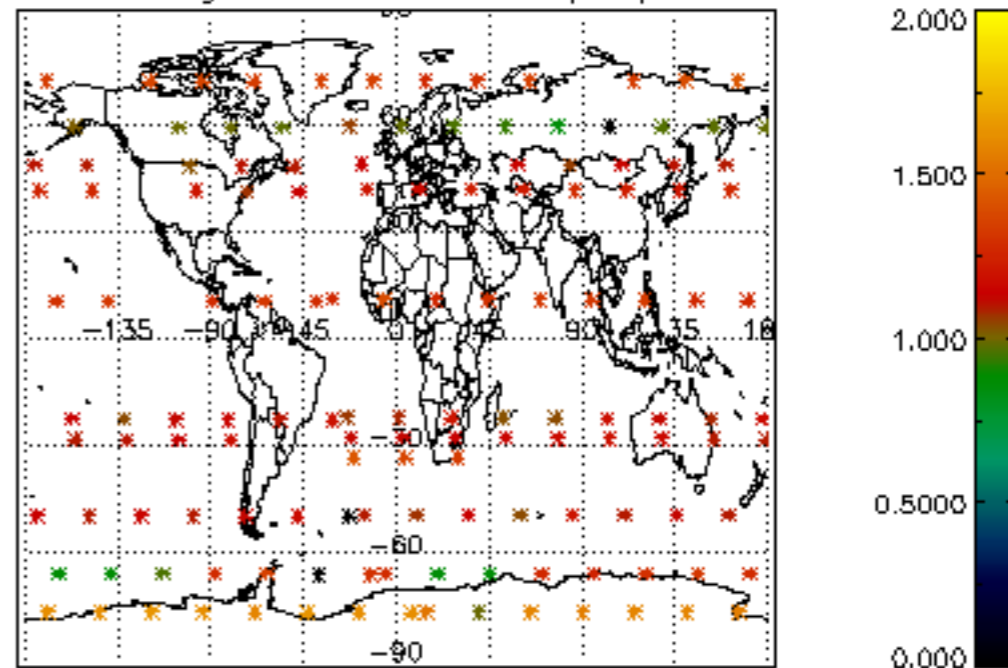




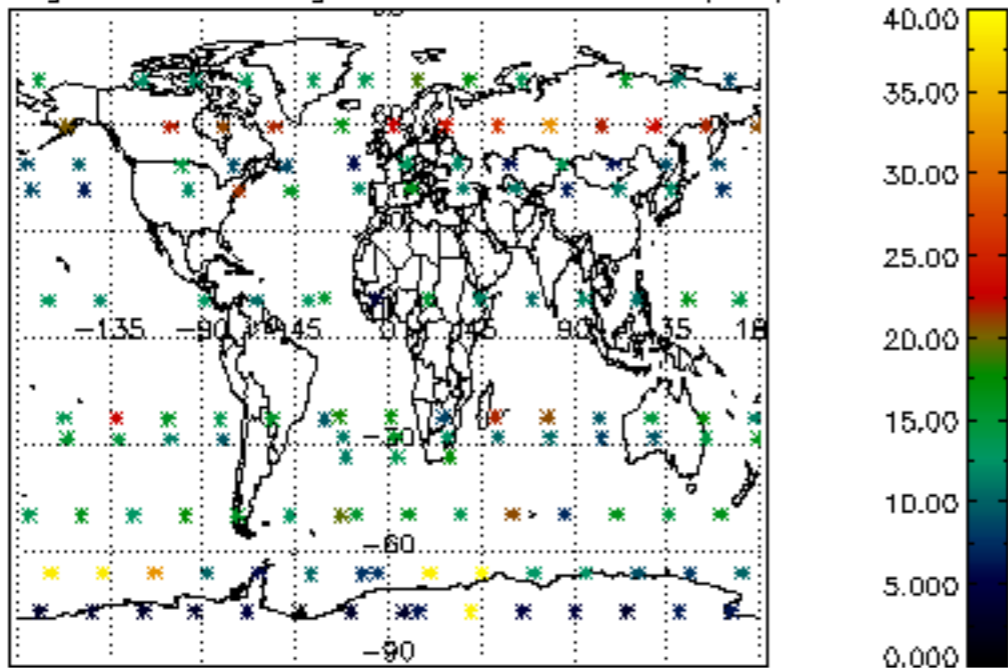
Percentage of cosmic ray hits per profile



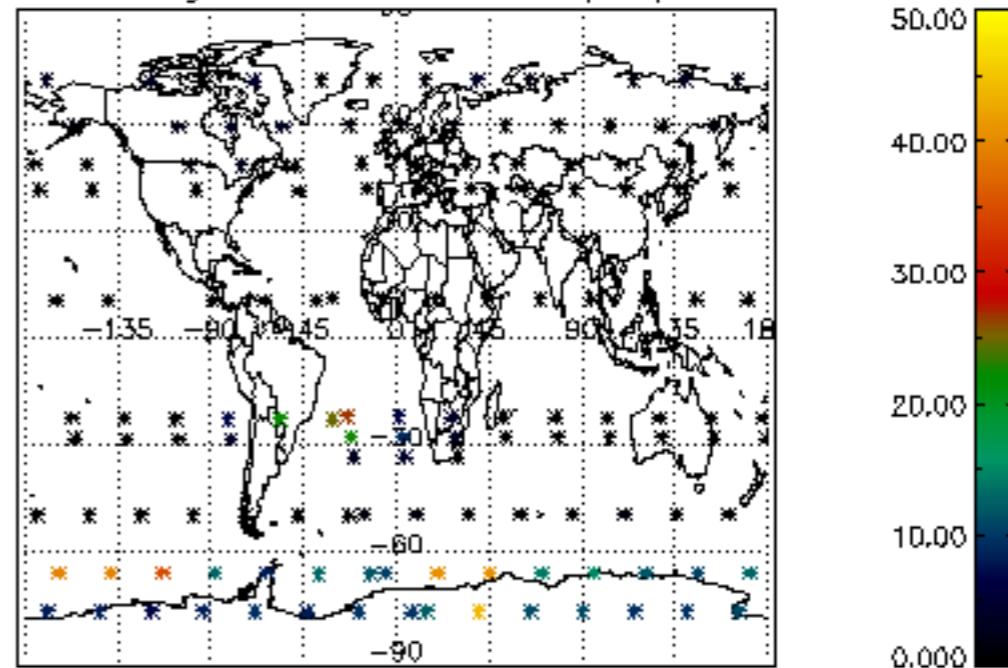
Percentage of datation errors per profile



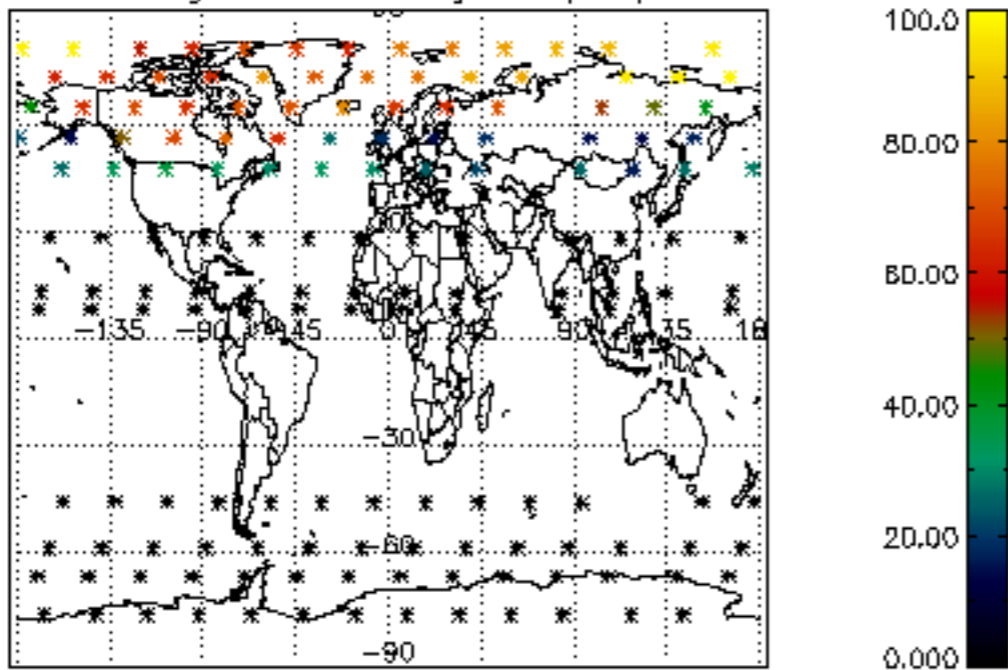
Percentage of star falling outside central band per profile



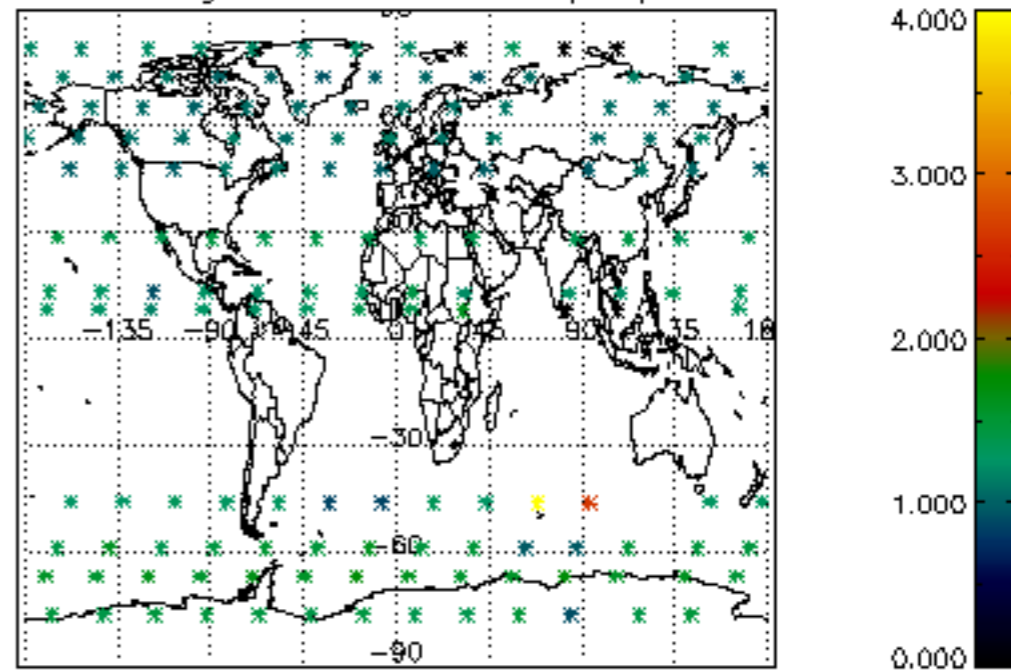
Percentage of saturation errors per profile



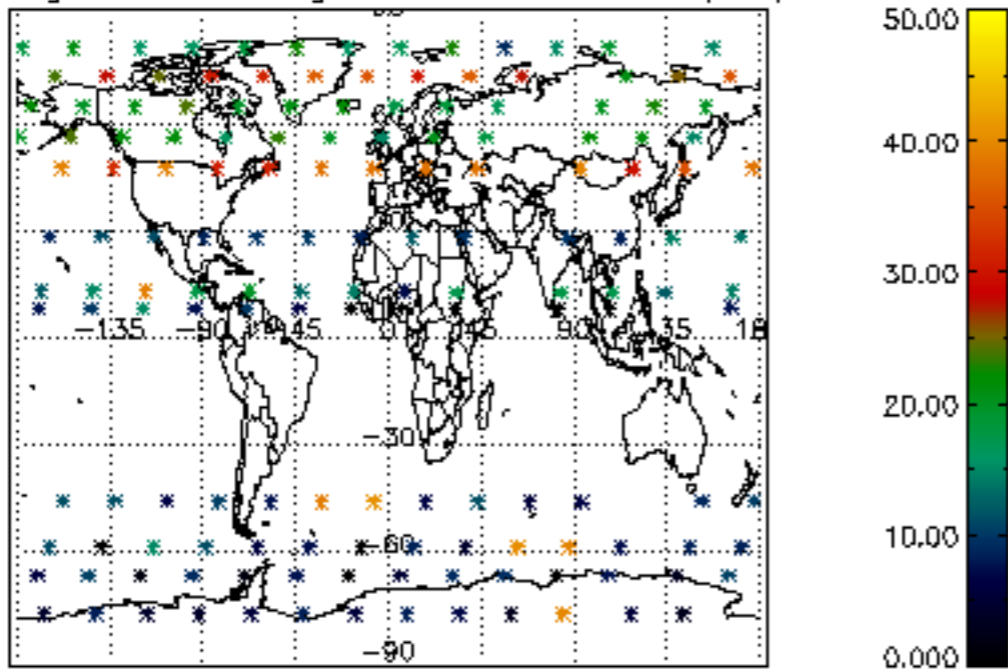
Percentage of cosmic ray hits per profile



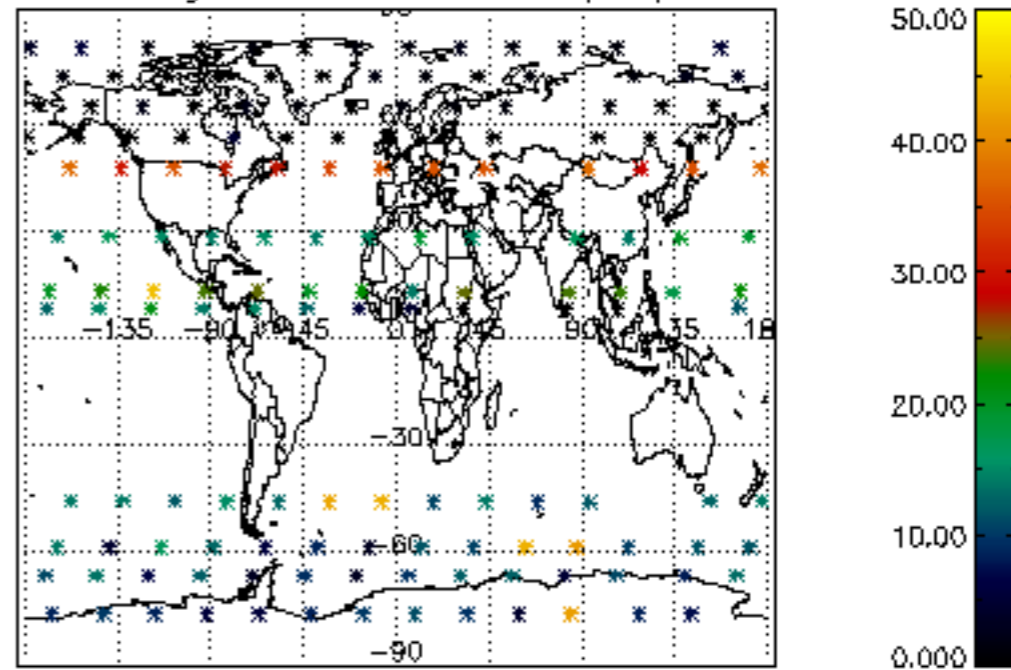
Percentage of datation errors per profile

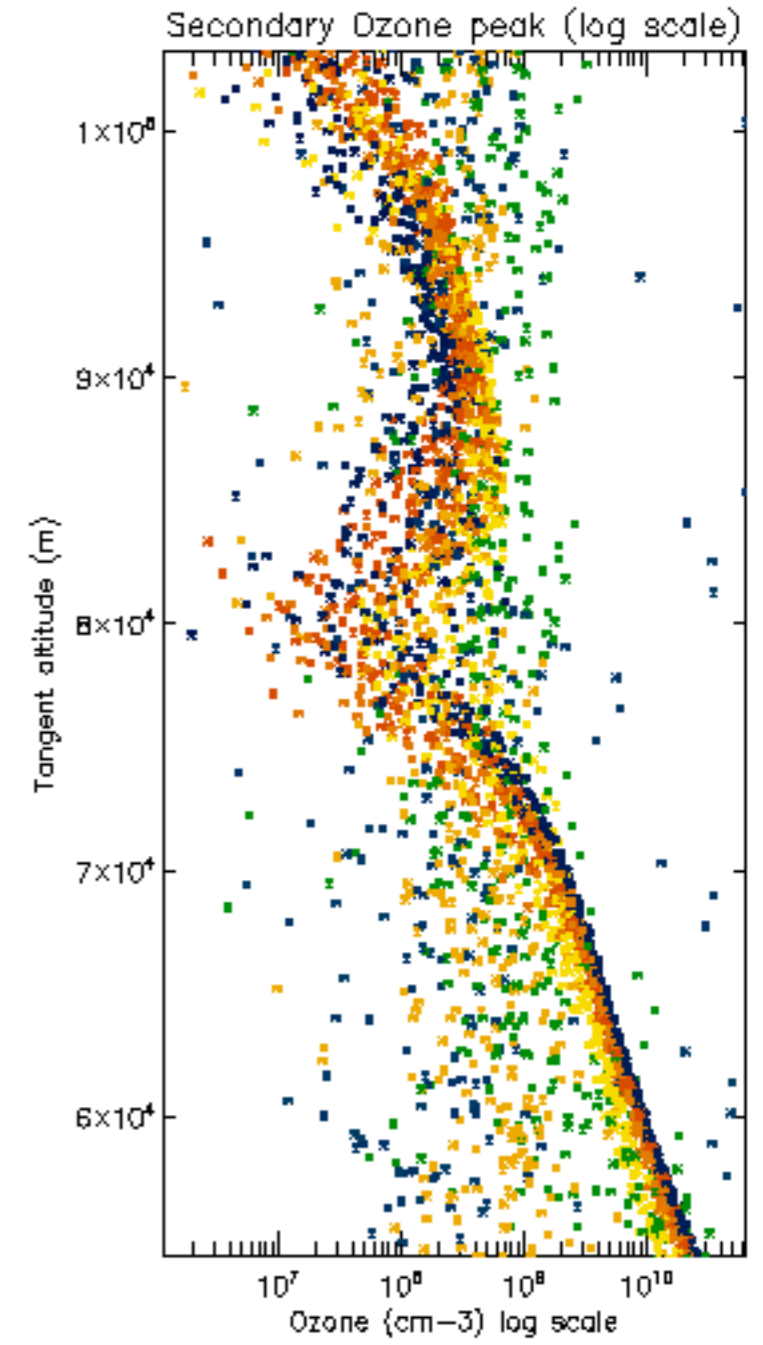
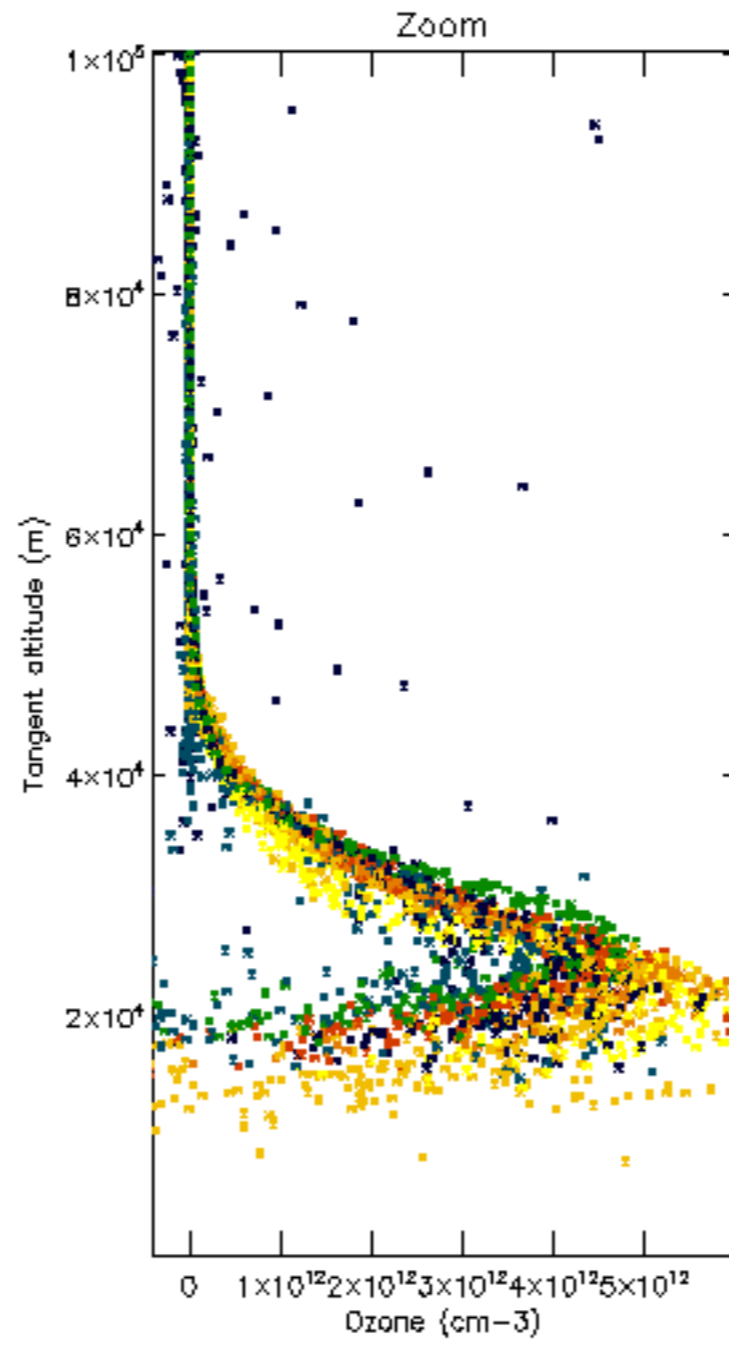
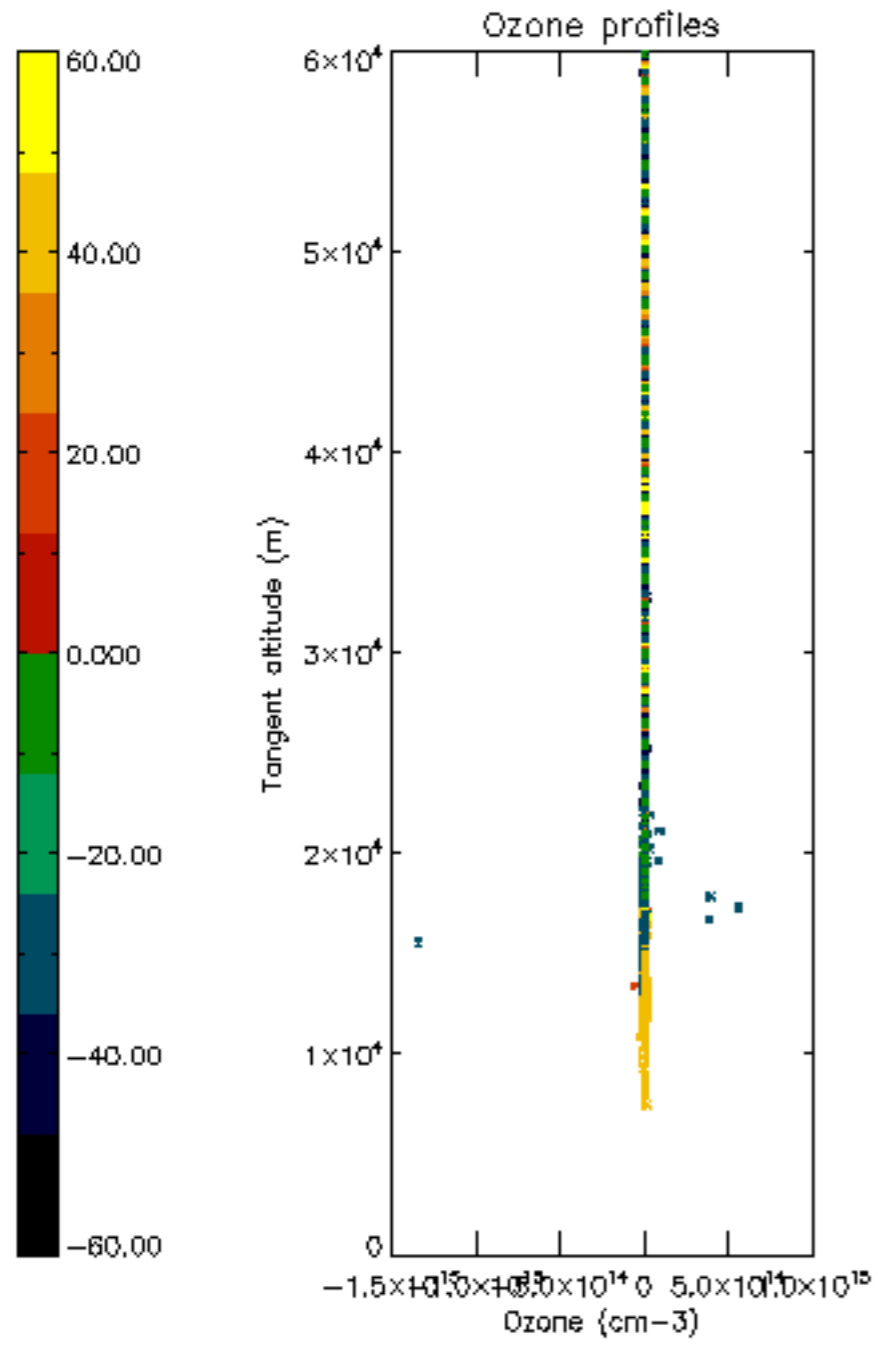


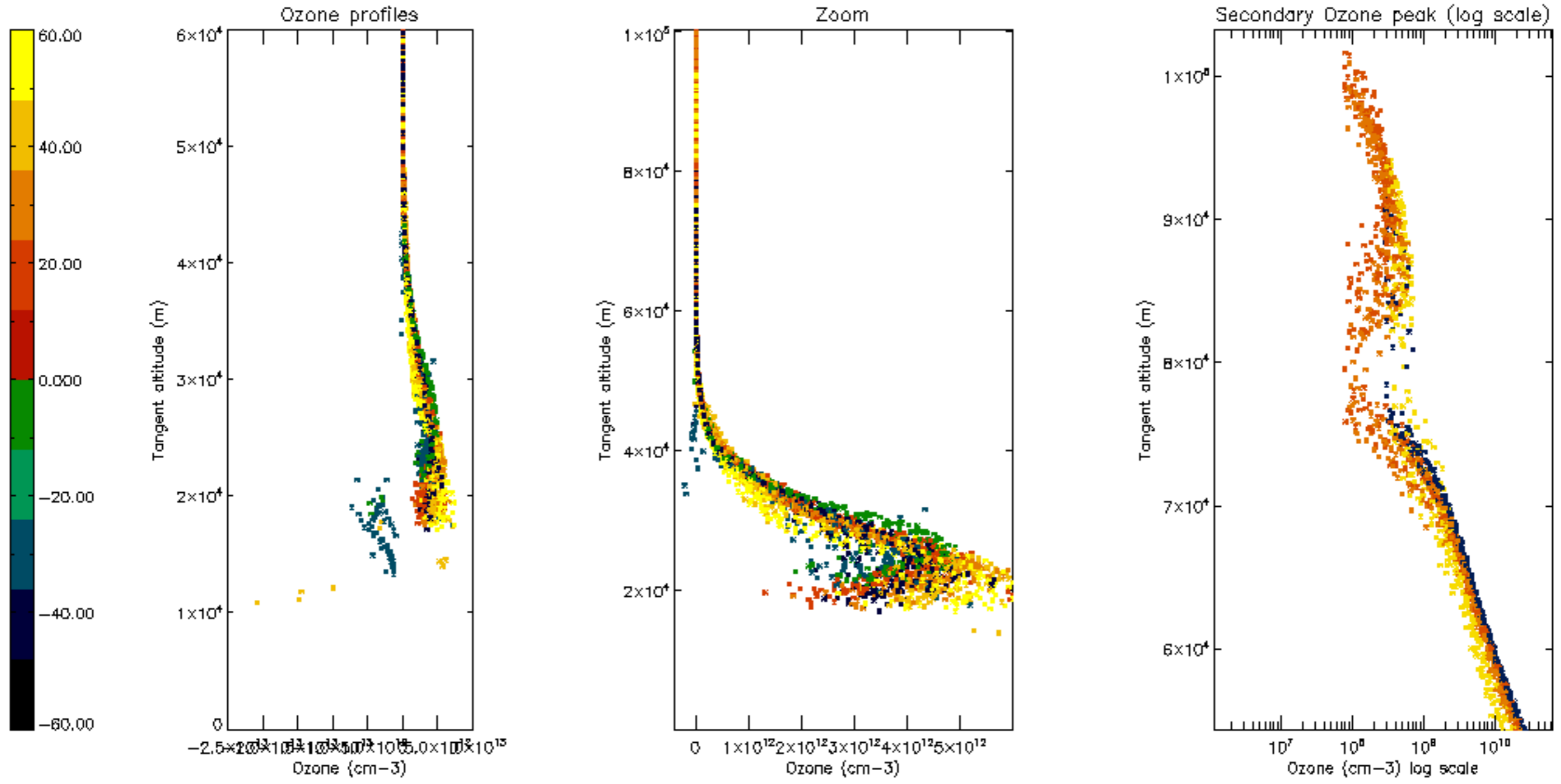
Percentage of star falling outside central band per profile



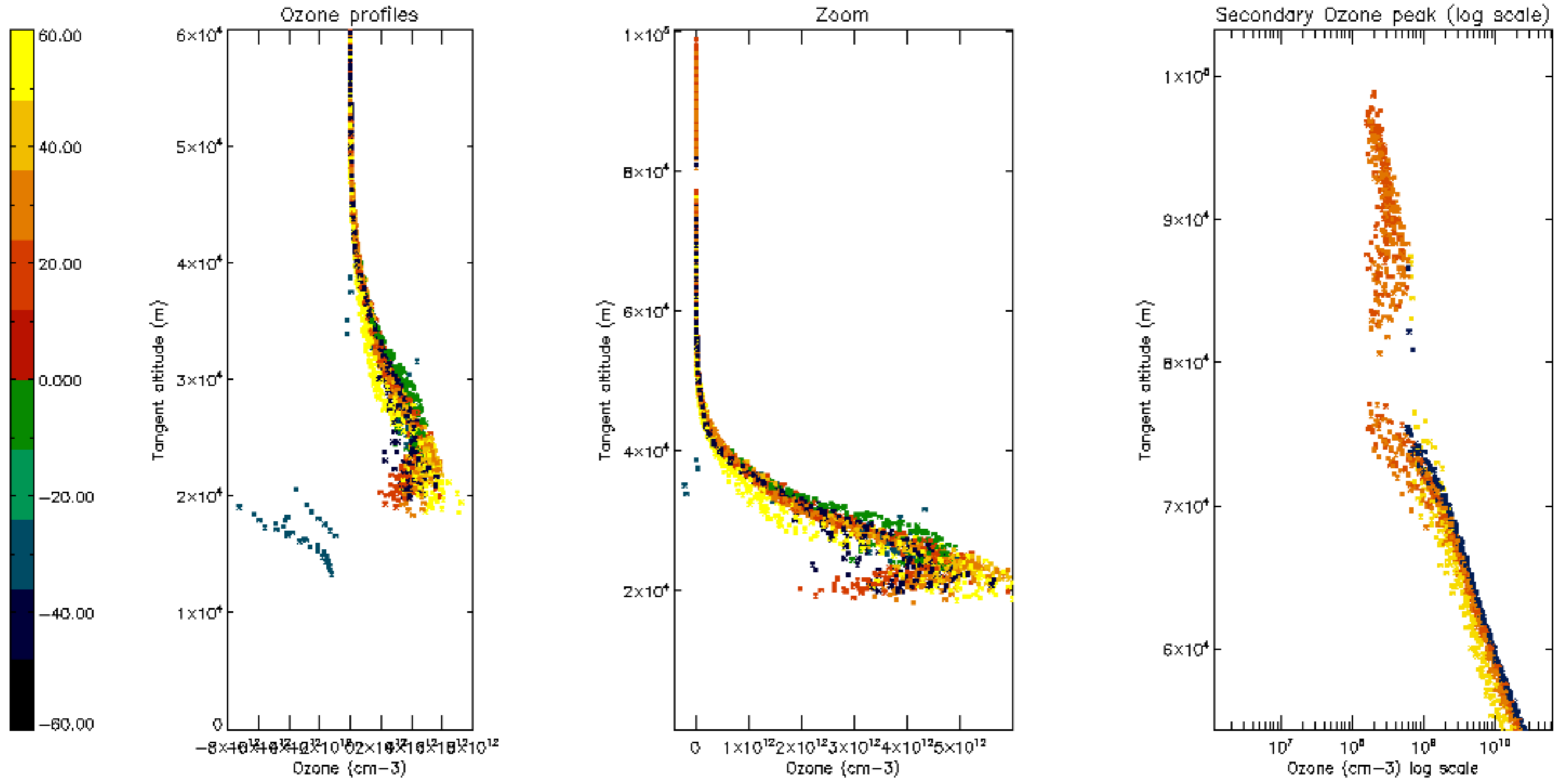
Percentage of saturation errors per profile

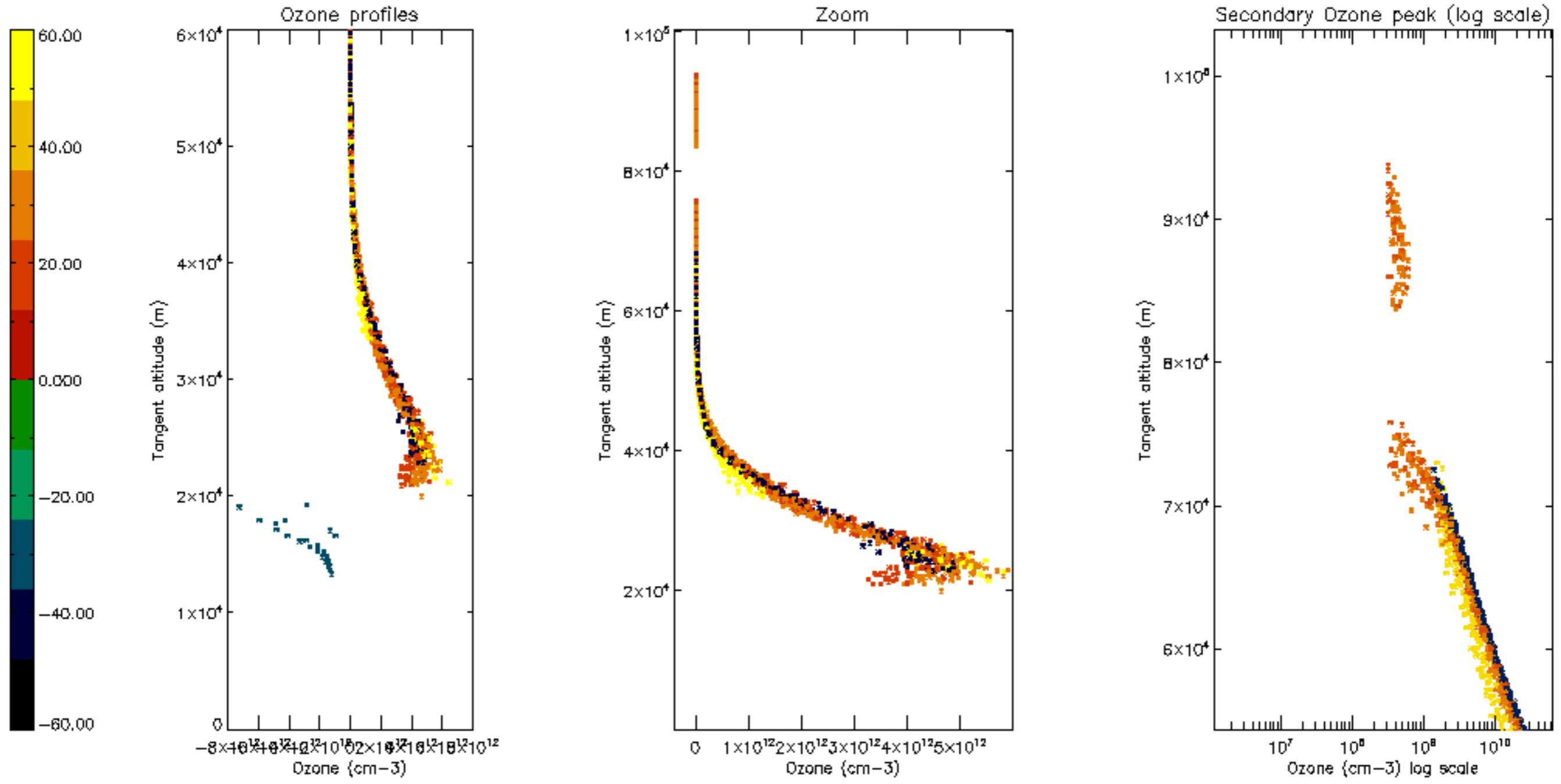


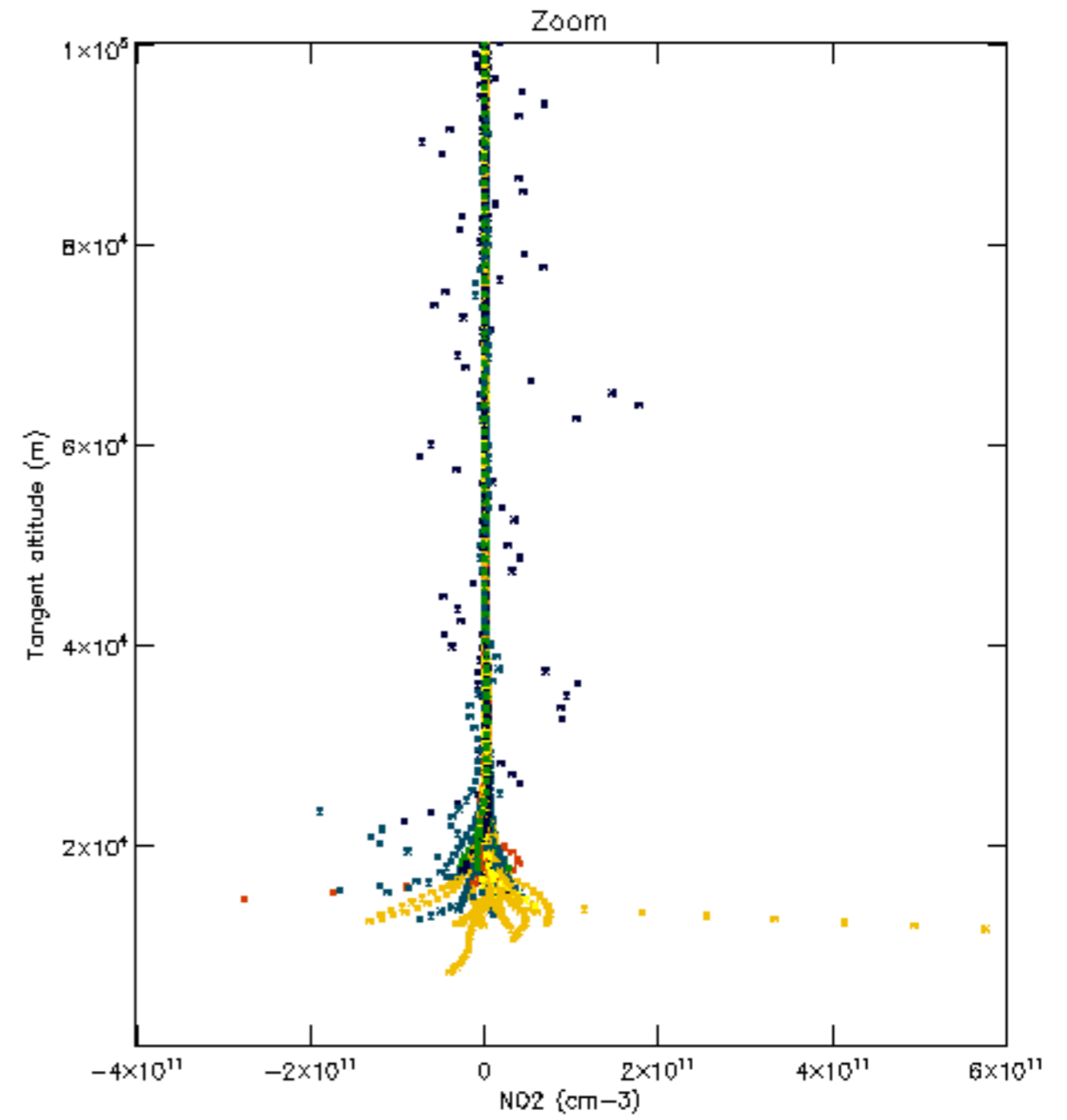
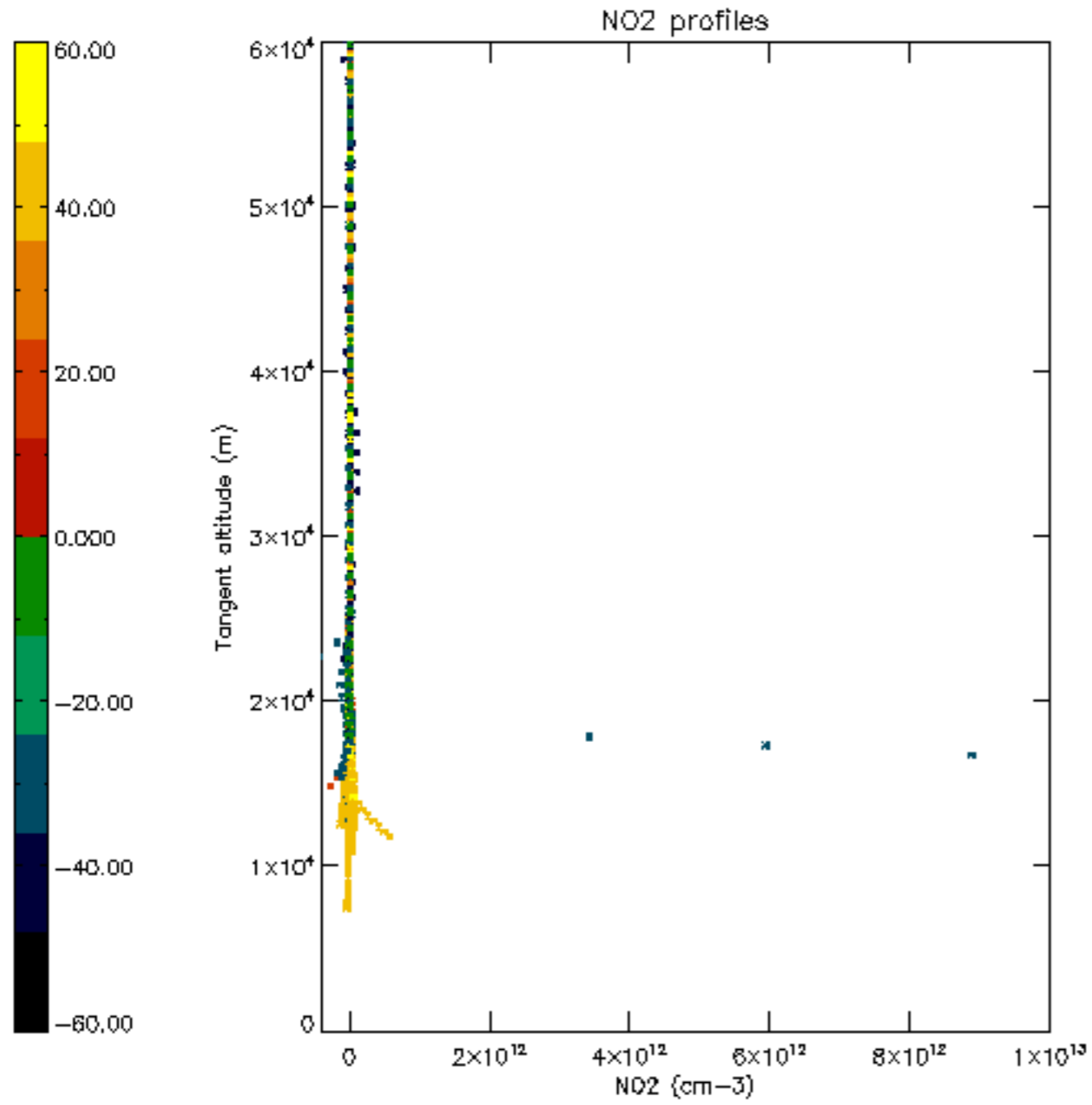


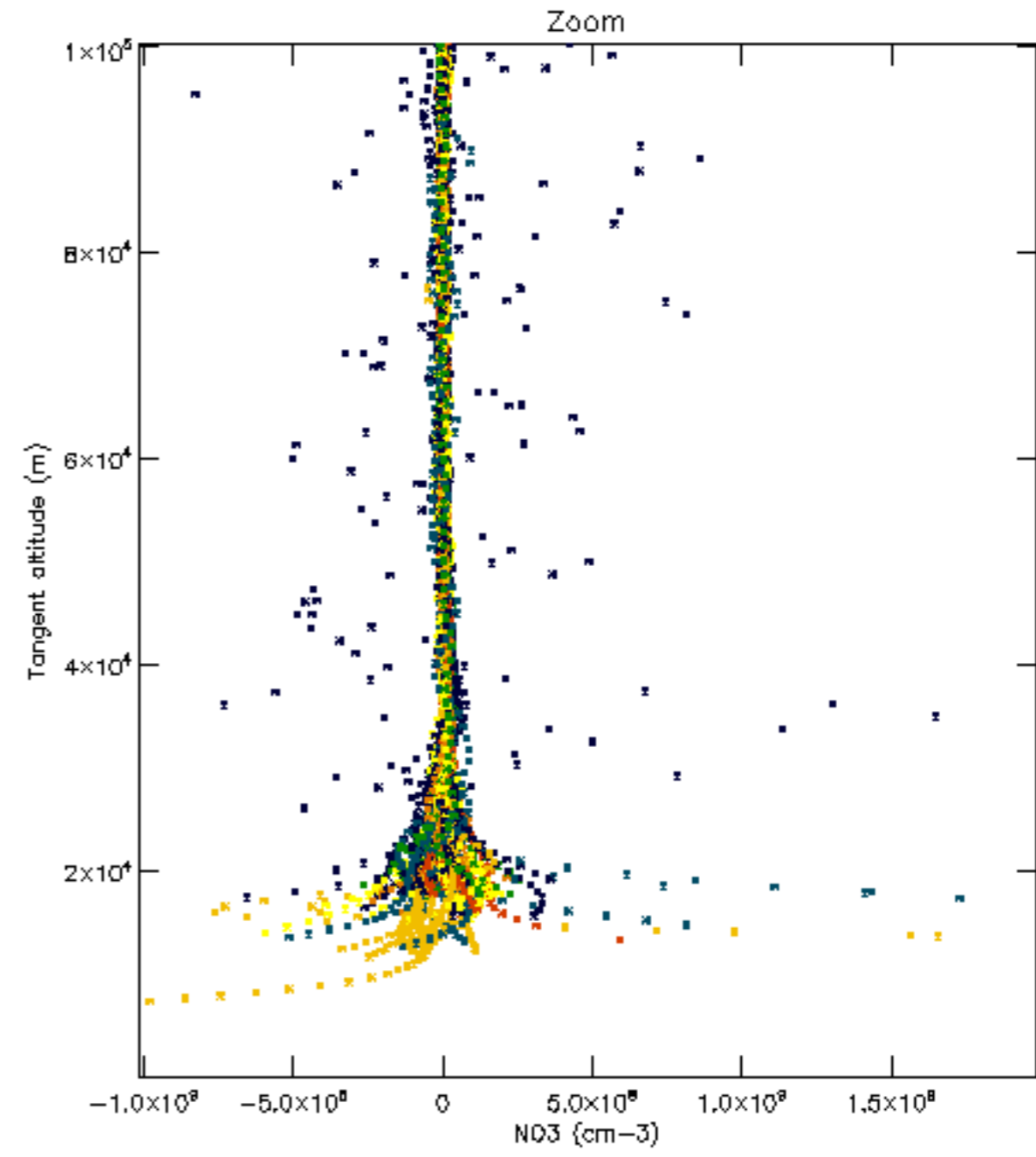
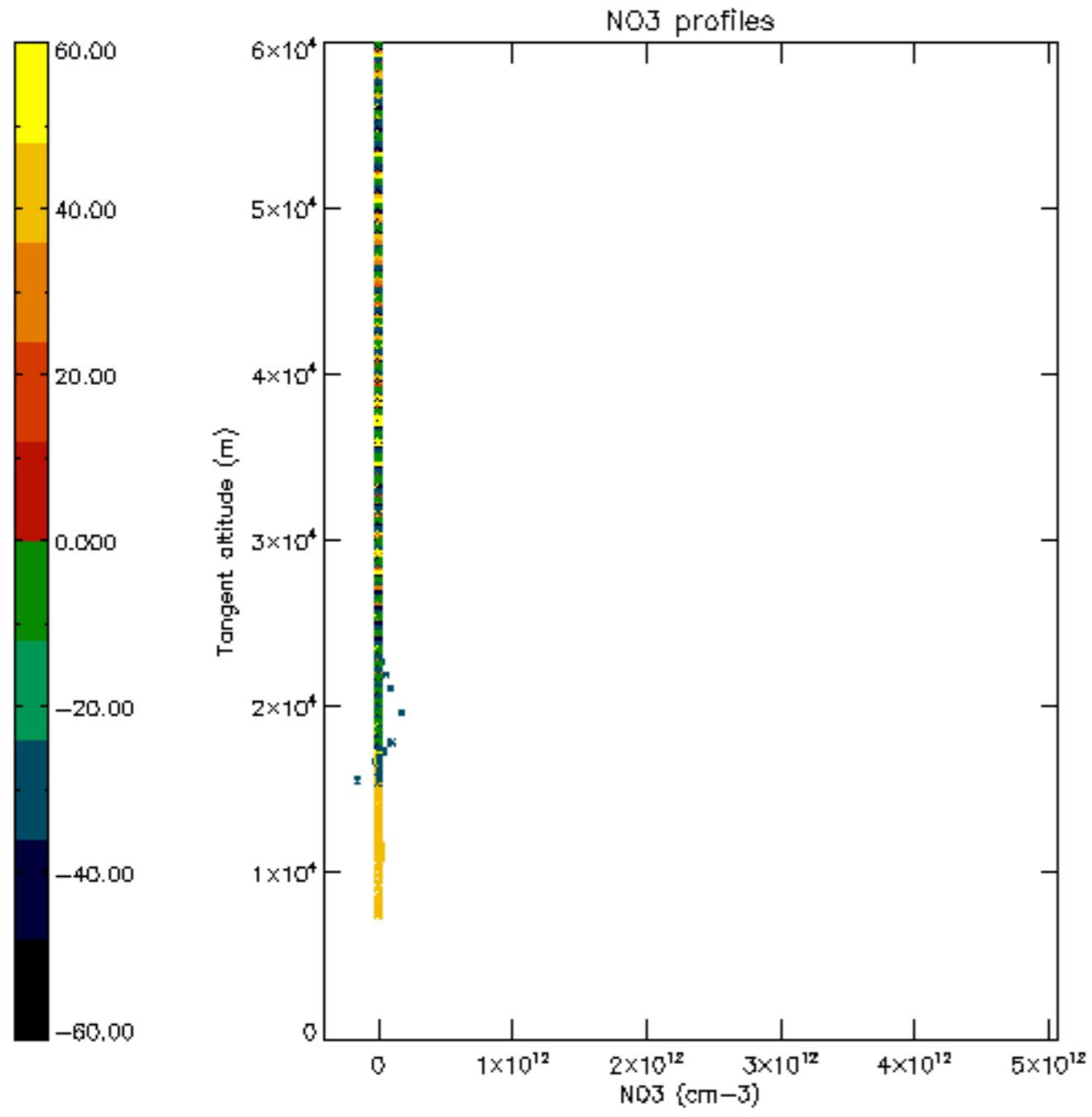


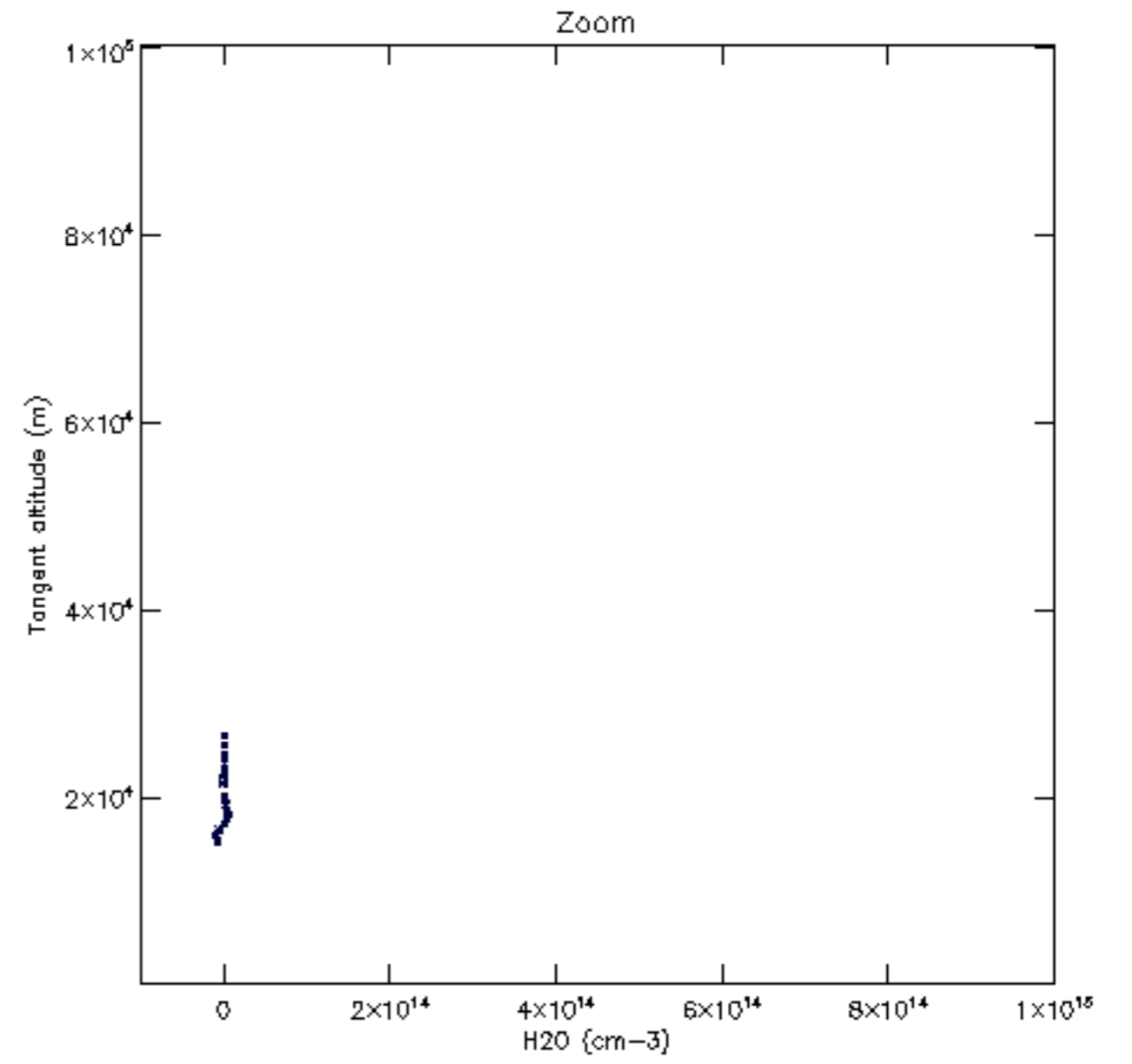
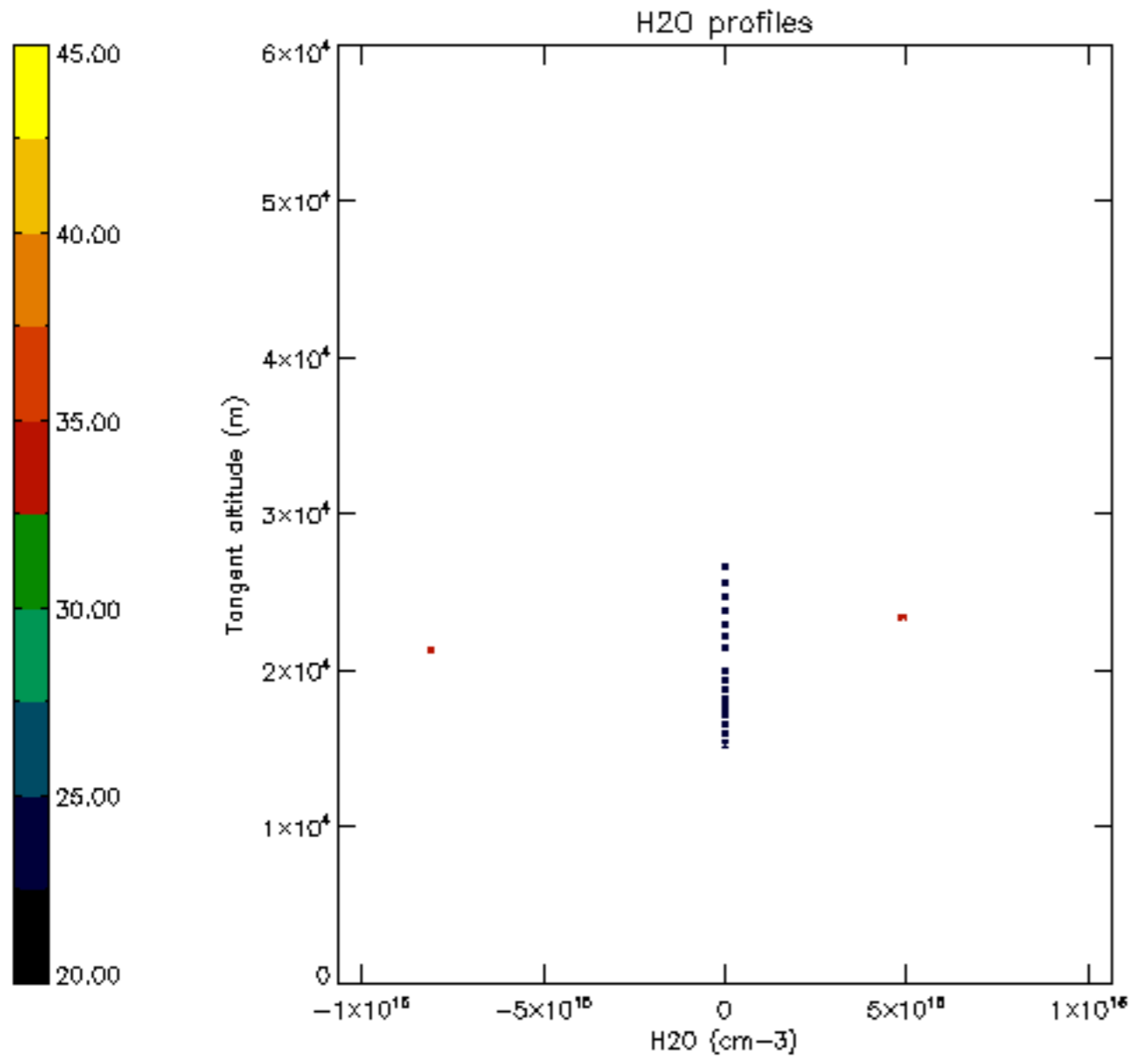


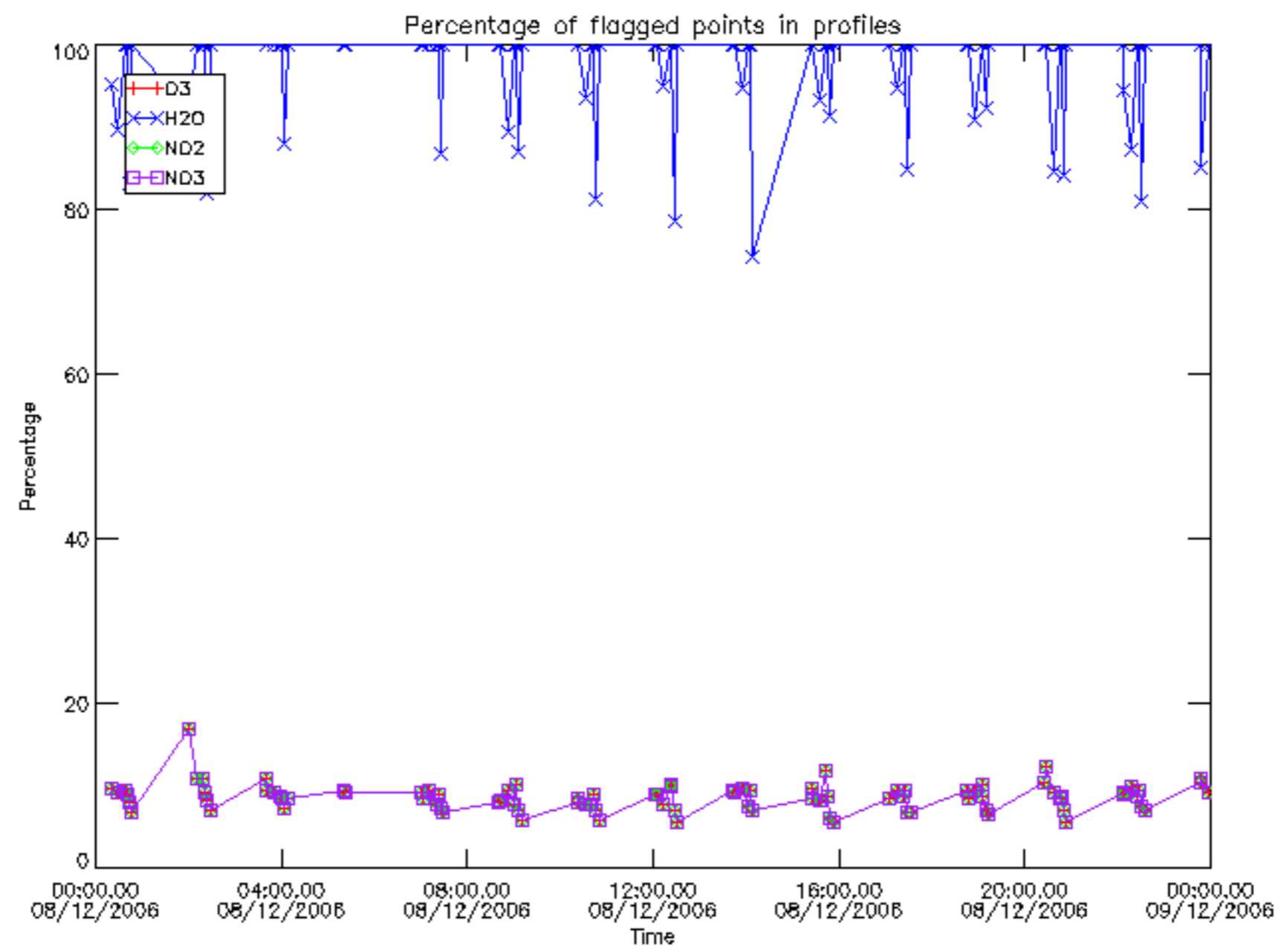




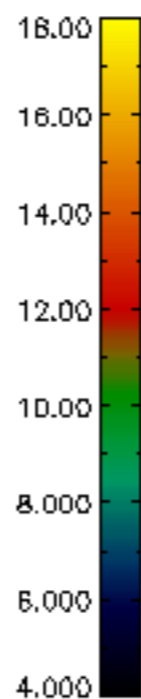
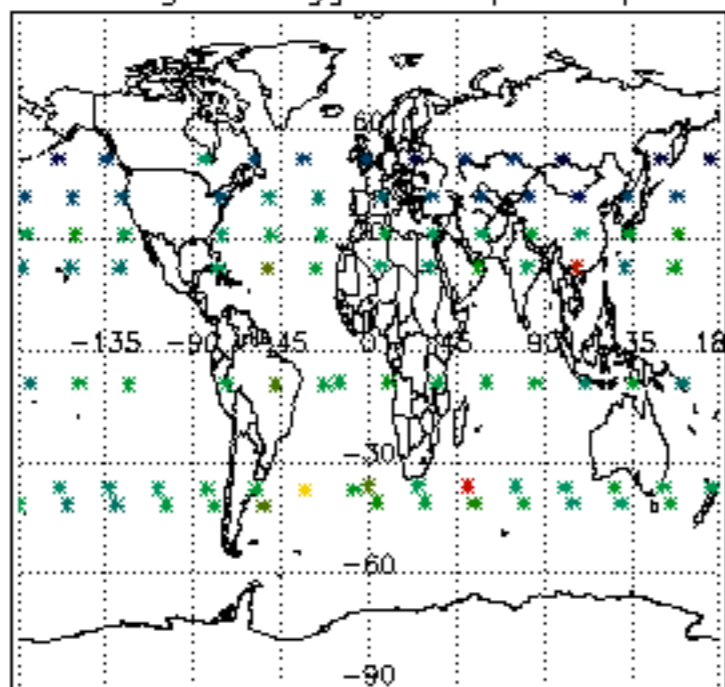




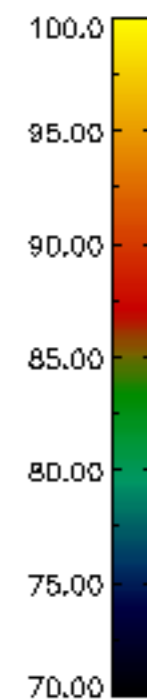
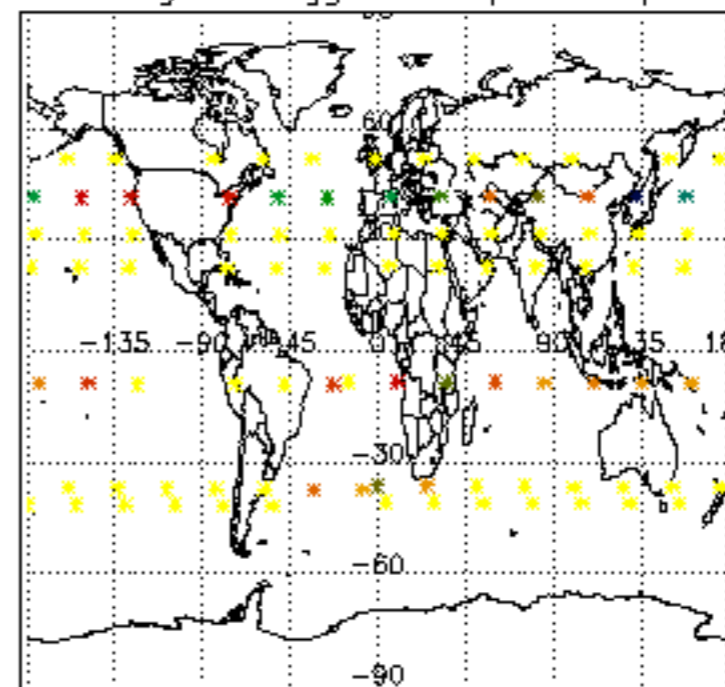




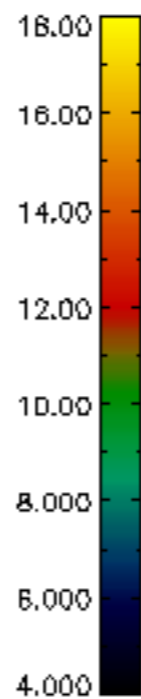
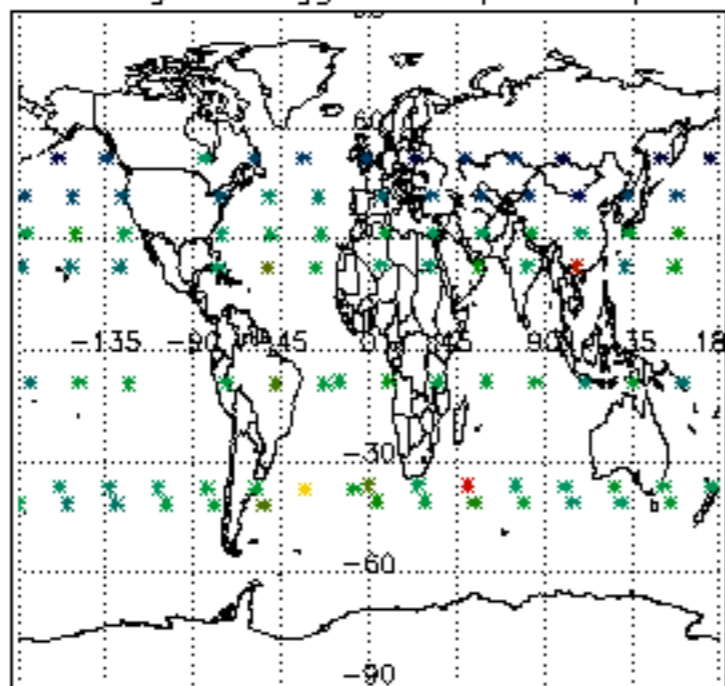
Percentage of flagged data per D3 profile



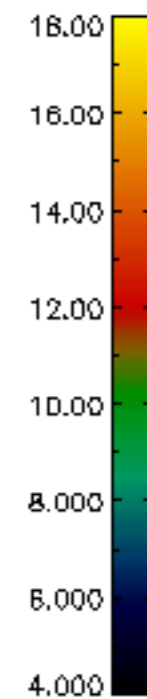
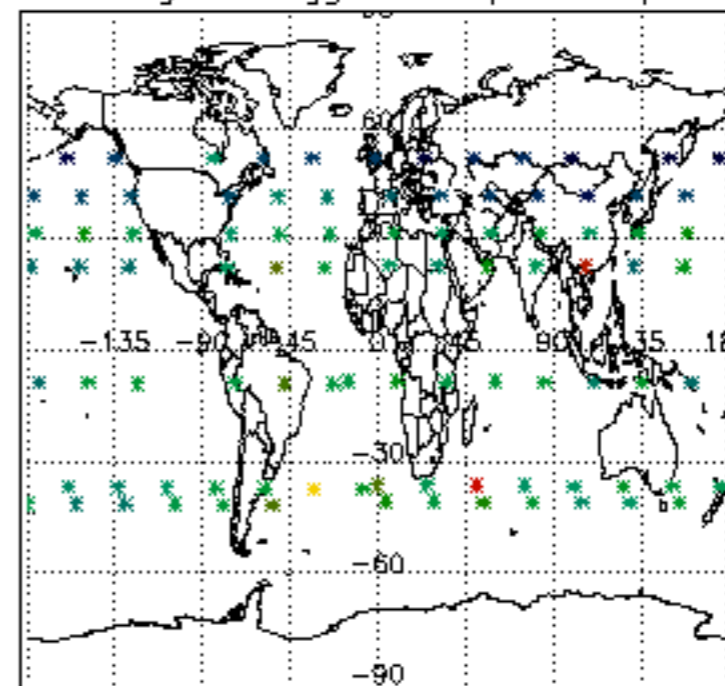
Percentage of flagged data per H2O profile

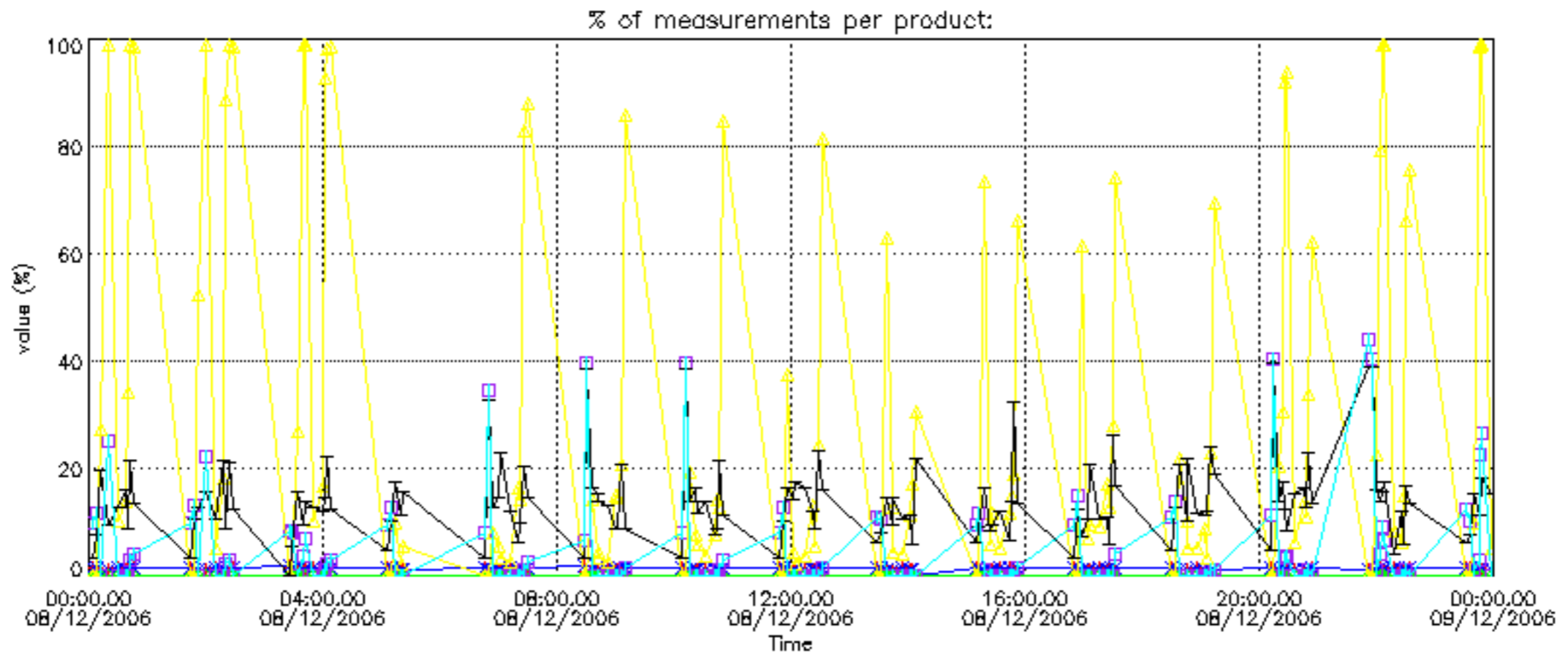
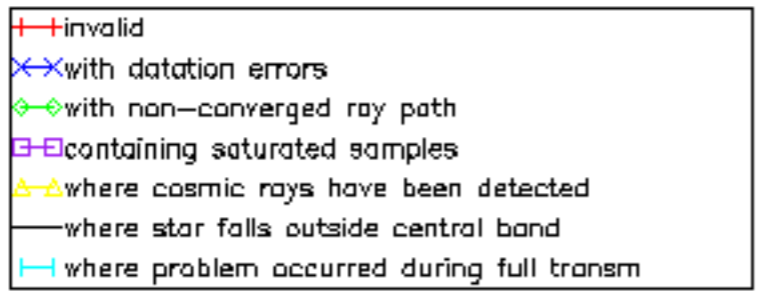


Percentage of flagged data per NO2 profile

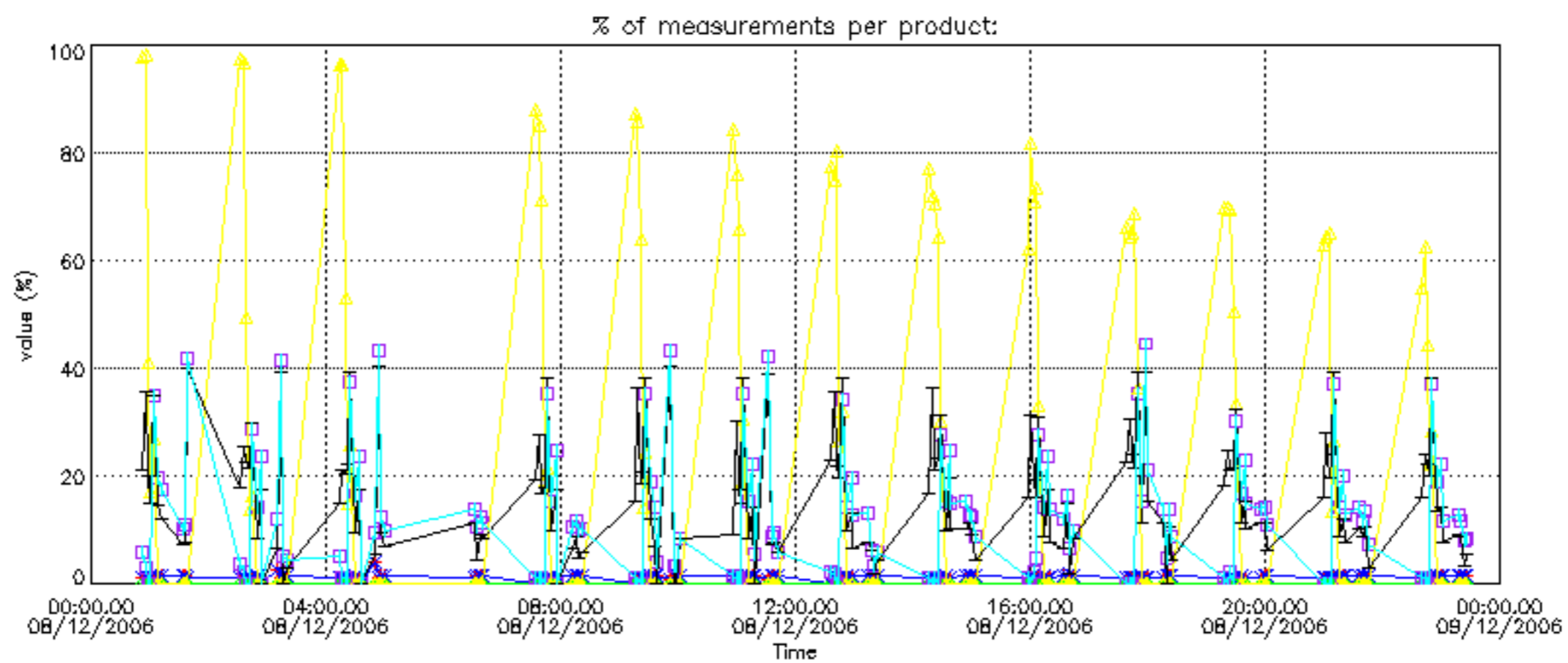
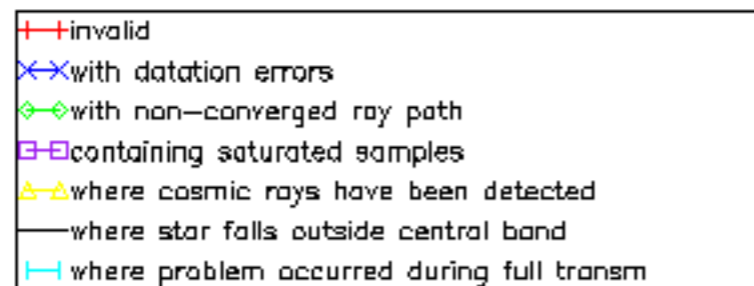


Percentage of flagged data per NO3 profile

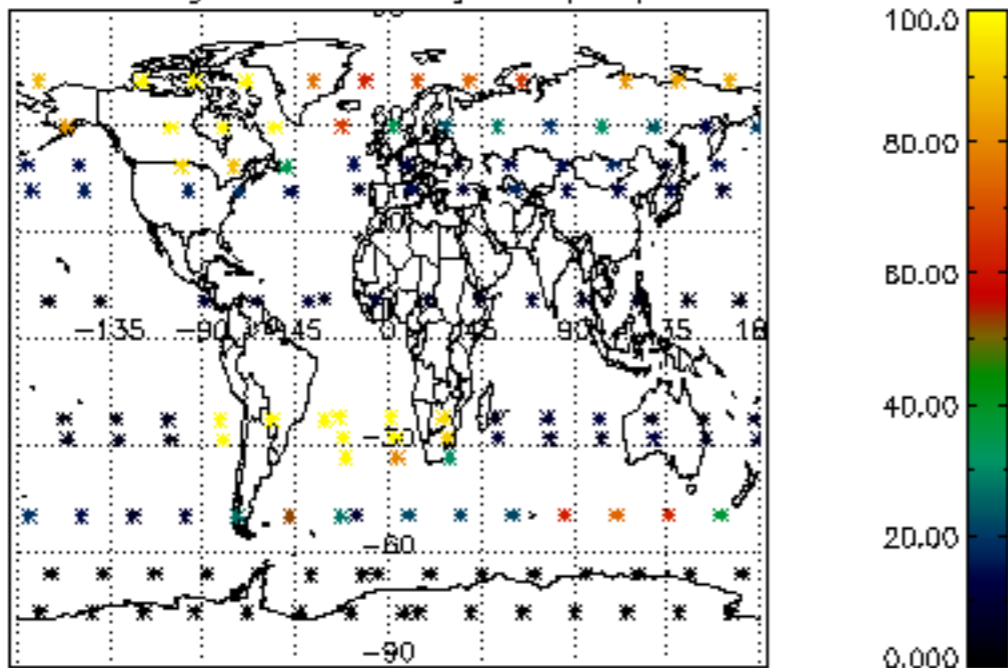




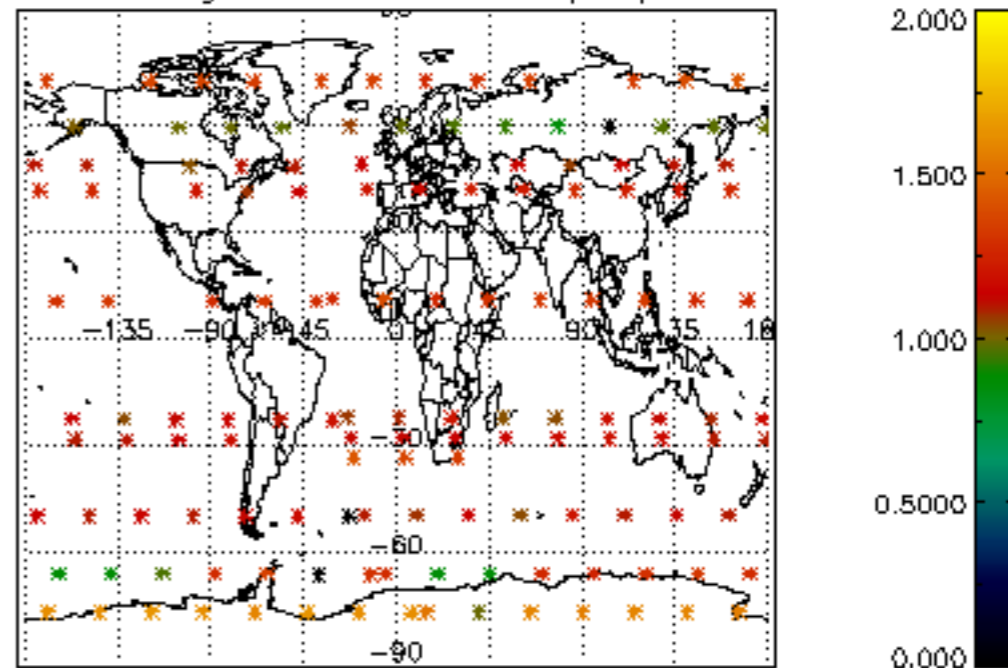




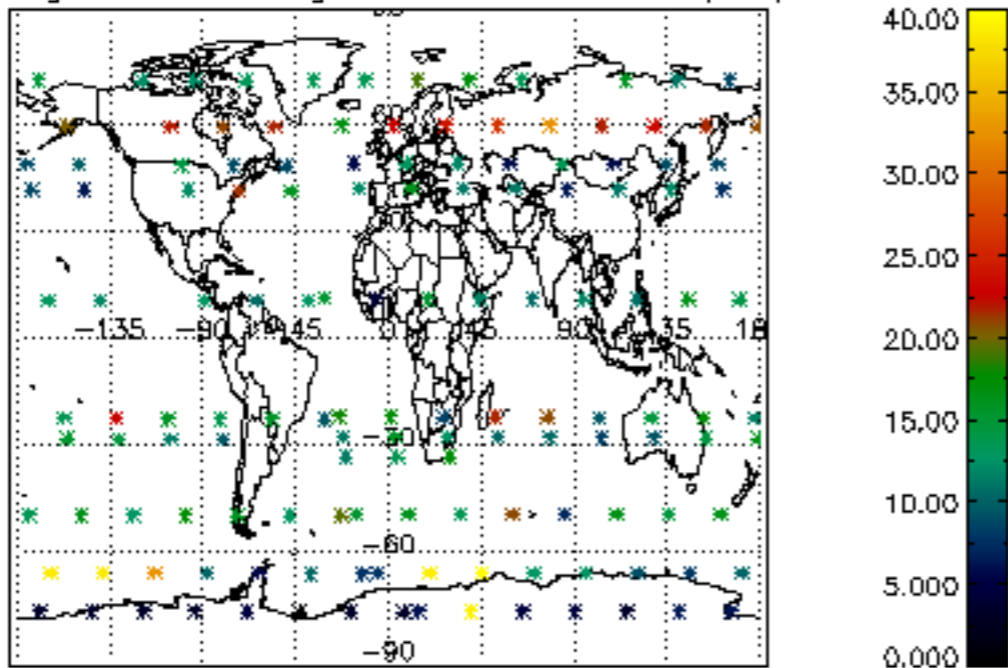
Percentage of cosmic ray hits per profile



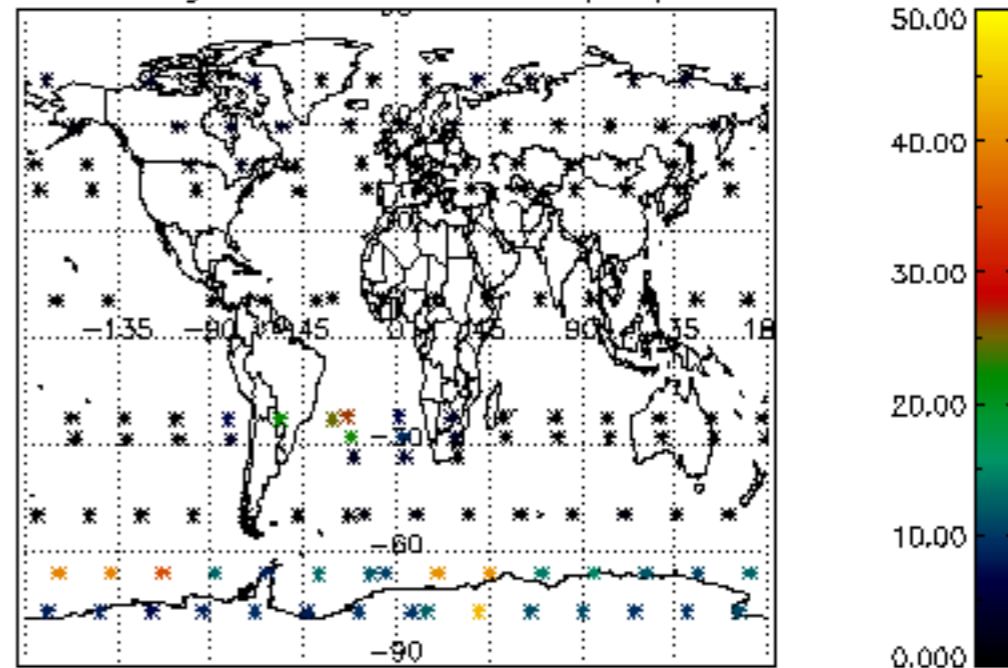
Percentage of datation errors per profile



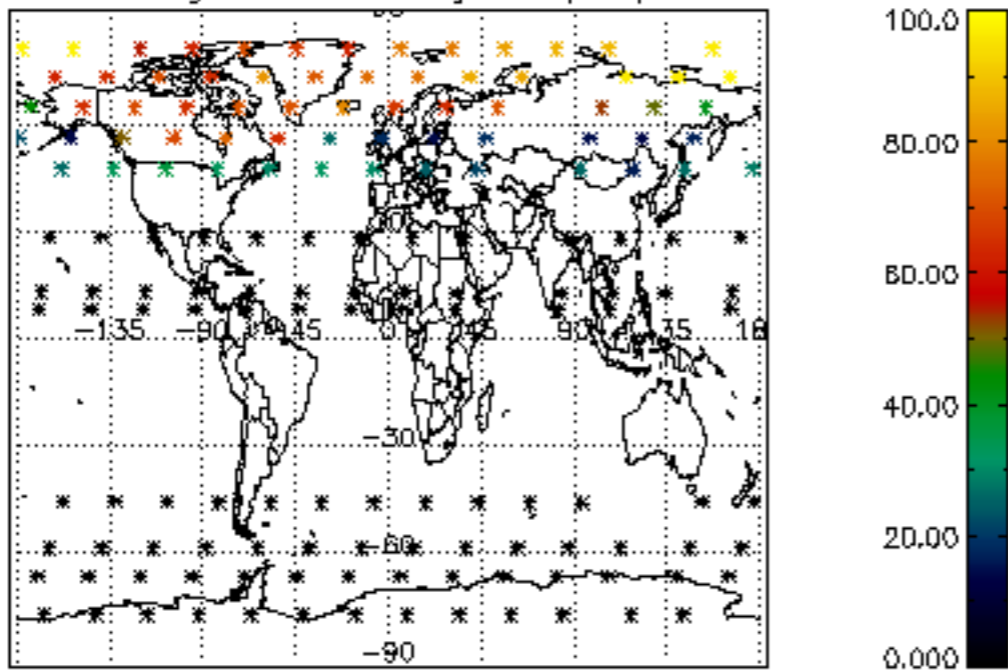
Percentage of star falling outside central band per profile



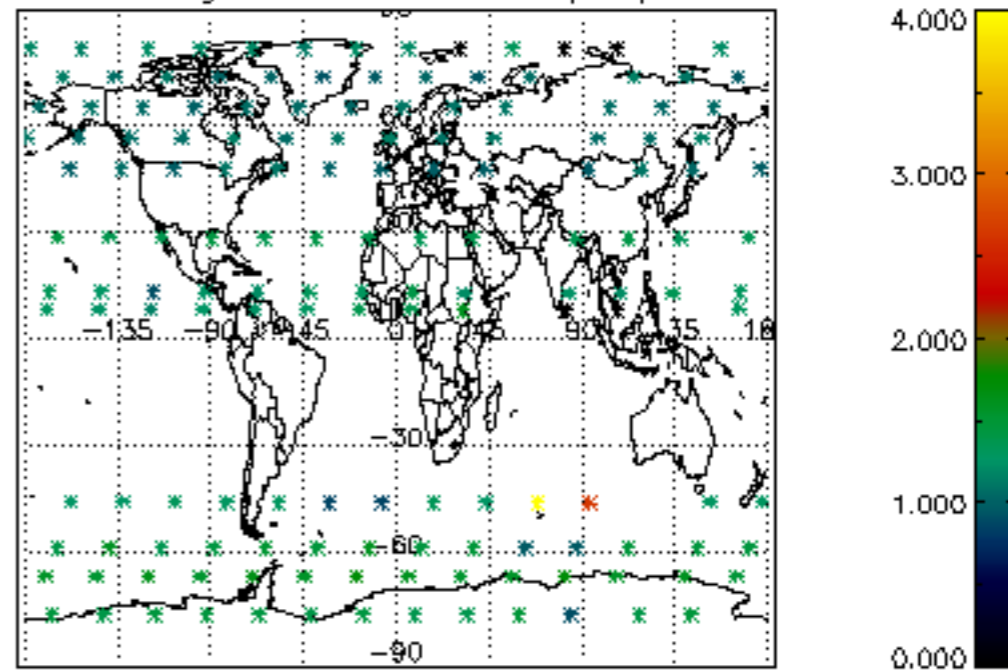
Percentage of saturation errors per profile



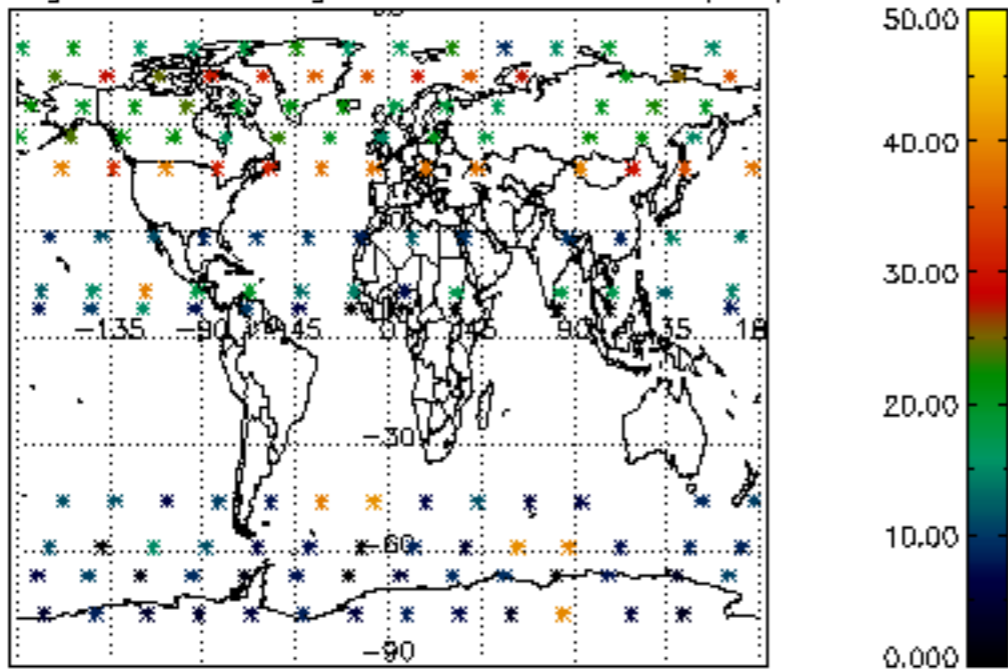
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

