

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 13:09:53 |
| Data source version | GOMOS/6.01 |
| Start time of products | 02-05-2011 (02MAY2011 00:00:00) |
| Stop time of products | 03-05-2011 (03MAY2011 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 268 |
| 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__2PRFIN20110502_000224_000000443102_00088_47947_1167.N1 | 02-MAY-2011 00:02:24 | Bright | 43.500 | 83 | | 2.3780 | 11000. | 87 | 47947 | No |
| 2 | GOM_NL__2PRFIN20110502_000525_000000403102_00088_47947_1168.N1 | 02-MAY-2011 00:05:25 | Bright | 40.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 80 | 47947 | No |
| 3 | GOM_NL__2PRFIN20110502_001453_000000433102_00088_47947_1169.N1 | 02-MAY-2011 00:14:53 | Bright | 42.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 85 | 47947 | No |
| 4 | GOM_NL__2PRFIN20110502_002516_000000423102_00088_47947_1170.N1 | 02-MAY-2011 00:25:16 | Bright | 42.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 84 | 47947 | No |
| 5 | GOM_NL__2PRFIN20110502_003644_000000483102_00088_47947_1171.N1 | 02-MAY-2011 00:36:44 | Bright | 48.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 96 | 47947 | No |
| 6 | GOM_NL__2PRFIN20110502_004113_000000443102_00088_47947_1172.N1 | 02-MAY-2011 00:41:13 | Twilight | 44.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 88 | 47947 | No |
| 7 | GOM_NL__2PRFIN20110502_004540_000000683102_00088_47947_1173.N1 | 02-MAY-2011 00:45:40 | Dark | 67.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 135 | 47947 | No |
| 8 | GOM_NL__2PRFIN20110502_004806_000000583102_00088_47947_1174.N1 | 02-MAY-2011 00:48:06 | Dark | 57.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 115 | 47947 | No |
| 9 | GOM_NL__2PRFIN20110502_005157_000000633102_00088_47947_1175.N1 | 02-MAY-2011 00:51:57 | Dark | 62.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 125 | 47947 | No |
| 10 | GOM_NL__2PRFIN20110502_005822_000000433102_00088_47947_1176.N1 | 02-MAY-2011 00:58:22 | Dark | 42.500 | 172 | Gam Gru | 3.0030 | 13100. | 85 | 47947 | No |
| 11 | GOM_NL__2PRFIN20110502_011252_000000423102_00089_47948_1227.N1 | 02-MAY-2011 01:12:52 | Straylight | 42.000 | 141 | Bet Ara | 2.8400 | 4600.0 | 84 | 47948 | No |
| 12 | GOM_NL__2PRFIN20110502_011447_000000633102_00089_47948_1228.N1 | 02-MAY-2011 01:14:47 | Straylight | 63.000 | 40 | The Sco | 1.8590 | 7100.0 | 126 | 47948 | No |
| 13 | GOM_NL__2PRFIN20110502_011633_000000603102_00089_47948_1229.N1 | 02-MAY-2011 01:16:33 | Straylight | 60.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 120 | 47948 | No |
| 14 | GOM_NL__2PRFIN20110502_011935_000000583102_00089_47948_1230.N1 | 02-MAY-2011 01:19:35 | Straylight | 57.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 115 | 47948 | No |
| 15 | GOM_NL__2PRFIN20110502_012314_000000713102_00089_47948_1231.N1 | 02-MAY-2011 01:23:14 | Twilight | 71.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 142 | 47948 | No |
| 16 | GOM_NL__2PRFIN20110502_012524_000000633102_00089_47948_1232.N1 | 02-MAY-2011 01:25:24 | Twilight | 62.500 | 80 | 7Del Sco | 2.3160 | 30000. | 125 | 47948 | No |
| 17 | GOM_NL__2PRFIN20110502_012830_000000443102_00089_47948_1233.N1 | 02-MAY-2011 01:28:30 | Bright | 44.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 88 | 47948 | No |
| 18 | GOM_NL__2PRFIN20110502_013043_000000483102_00089_47948_1234.N1 | 02-MAY-2011 01:30:43 | Bright | 48.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 96 | 47948 | No |
| 19 | GOM_NL__2PRFIN20110502_013905_000000393102_00089_47948_1235.N1 | 02-MAY-2011 01:39:05 | Bright | 38.500 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 77 | 47948 | No |
| 20 | GOM_NL__2PRFIN20110502_014238_000000453102_00089_47948_1236.N1 | 02-MAY-2011 01:42:38 | Bright | 44.500 | 83 | | 2.3780 | 11000. | 89 | 47948 | No |
| 21 | GOM_NL__2PRFIN20110502_014539_000000563102_00089_47948_1237.N1 | 02-MAY-2011 01:45:39 | Bright | 56.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 112 | 47948 | No |
| 22 | GOM_NL__2PRFIN20110502_015506_000000653102_00089_47948_1238.N1 | 02-MAY-2011 01:55:06 | Bright | 65.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 130 | 47948 | No |
| 23 | GOM_NL__2PRFIN20110502_020529_000000433102_00089_47948_1239.N1 | 02-MAY-2011 02:05:29 | Bright | 43.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 86 | 47948 | No |
| 24 | GOM_NL__2PRFIN20110502_021658_000000493102_00089_47948_1240.N1 | 02-MAY-2011 02:16:58 | Bright | 48.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 97 | 47948 | No |
| 25 | GOM_NL__2PRFIN20110502_022127_000000463102_00089_47948_1241.N1 | 02-MAY-2011 02:21:27 | Twilight | 45.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 91 | 47948 | No |
| 26 | GOM_NL__2PRFIN20110502_022555_000000733102_00089_47948_1242.N1 | 02-MAY-2011 02:25:55 | Dark | 73.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 146 | 47948 | No |
| 27 | GOM_NL__2PRFIN20110502_022820_000000573102_00089_47948_1243.N1 | 02-MAY-2011 02:28:20 | Dark | 57.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 114 | 47948 | No |
| 28 | GOM_NL__2PRFIN20110502_023212_000000653102_00089_47948_1244.N1 | 02-MAY-2011 02:32:12 | Dark | 64.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 129 | 47948 | No |
| 29 | GOM_NL__2PRFIN20110502_023837_000000433102_00089_47948_1245.N1 | 02-MAY-2011 02:38:37 | Dark | 43.000 | 172 | Gam Gru | 3.0030 | 13100. | 86 | 47948 | No |
| 30 | GOM_NL__2PRFIN20110502_025306_000000483102_00090_47949_1216.N1 | 02-MAY-2011 02:53:06 | Straylight | 47.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 95 | 47949 | No |
| 31 | GOM_NL__2PRFIN20110502_025502_000000593102_00090_47949_1217.N1 | 02-MAY-2011 02:55:02 | Straylight | 59.000 | 40 | The Sco | 1.8590 | 7100.0 | 118 | 47949 | No |
| 32 | GOM_NL__2PRFIN20110502_025648_000000583102_00090_47949_1218.N1 | 02-MAY-2011 02:56:48 | Straylight | 58.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 116 | 47949 | No |
| 33 | GOM_NL__2PRFIN20110502_025949_000000603102_00090_47949_1219.N1 | 02-MAY-2011 02:59:49 | Straylight | 60.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 120 | 47949 | No |
| 34 | GOM_NL__2PRFIN20110502_030329_000000753102_00090_47949_1220.N1 | 02-MAY-2011 03:03:29 | Twilight | 75.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 150 | 47949 | No |
| 35 | GOM_NL__2PRFIN20110502_030539_000000603102_00090_47949_1221.N1 | 02-MAY-2011 03:05:39 | Twilight | 60.000 | 80 | 7Del Sco | 2.3160 | 30000. | 120 | 47949 | No |
| 36 | GOM_NL__2PRFIN20110502_030844_000000443102_00090_47949_1222.N1 | 02-MAY-2011 03:08:44 | Bright | 44.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 88 | 47949 | No |
| 37 | GOM_NL__2PRFIN20110502_031057_000000483102_00090_47949_1223.N1 | 02-MAY-2011 03:10:57 | Bright | 48.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 96 | 47949 | No |
| 38 | GOM_NL__2PRFIN20110502_031918_000000393102_00090_47949_1224.N1 | 02-MAY-2011 03:19:18 | Bright | 38.500 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 77 | 47949 | No |
| 39 | GOM_NL__2PRFIN20110502_032251_000000473102_00090_47949_1225.N1 | 02-MAY-2011 03:22:51 | Bright | 47.000 | 83 | | 2.3780 | 11000. | 94 | 47949 | No |
| 40 | GOM_NL__2PRFIN20110502_032552_000000403102_00090_47949_1226.N1 | 02-MAY-2011 03:25:52 | Bright | 39.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 79 | 47949 | No |
| 41 | GOM_NL__2PRFIN20110502_033520_000000423102_00090_47949_1227.N1 | 02-MAY-2011 03:35:20 | Bright | 41.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 83 | 47949 | No |
| 42 | GOM_NL__2PRFIN20110502_034543_000000423102_00090_47949_1228.N1 | 02-MAY-2011 03:45:43 | Bright | 41.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 83 | 47949 | No |

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|-----|--|----------------------|----------------|--------|-----|-----------|--------|--------|-----|-------|----|
| 43 | GOM_NL__2PRFIN20110502_035712_000000483102_00090_47949_1229.N1 | 02-MAY-2011 03:57:12 | Bright | 48.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 96 | 47949 | No |
| 44 | GOM_NL__2PRFIN20110502_040141_000000463102_00090_47949_1230.N1 | 02-MAY-2011 04:01:41 | Twilight | 46.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 92 | 47949 | No |
| 45 | GOM_NL__2PRFIN20110502_040610_000000683102_00090_47949_1231.N1 | 02-MAY-2011 04:06:10 | Dark | 67.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 135 | 47949 | No |
| 46 | GOM_NL__2PRFIN20110502_040835_000000573102_00090_47949_1232.N1 | 02-MAY-2011 04:08:35 | Dark | 57.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 114 | 47949 | No |
| 47 | GOM_NL__2PRFIN20110502_041227_000000673102_00090_47949_1233.N1 | 02-MAY-2011 04:12:27 | Dark | 66.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 133 | 47949 | No |
| 48 | GOM_NL__2PRFIN20110502_041852_000000443102_00090_47949_1234.N1 | 02-MAY-2011 04:18:52 | Dark | 44.000 | 172 | Gam Gru | 3.0030 | 13100. | 88 | 47949 | No |
| 49 | GOM_NL__2PRFIN20110502_043321_000000473102_00091_47950_1232.N1 | 02-MAY-2011 04:33:21 | Straylight | 46.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 93 | 47950 | No |
| 50 | GOM_NL__2PRFIN20110502_043517_000000523102_00091_47950_1233.N1 | 02-MAY-2011 04:35:17 | Straylight | 51.500 | 40 | The Sco | 1.8590 | 7100.0 | 103 | 47950 | No |
| 51 | GOM_NL__2PRFIN20110502_043703_000000583102_00091_47950_1234.N1 | 02-MAY-2011 04:37:03 | Straylight | 58.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 116 | 47950 | No |
| 52 | GOM_NL__2PRFIN20110502_044004_000000593102_00091_47950_1235.N1 | 02-MAY-2011 04:40:04 | Straylight | 59.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 118 | 47950 | No |
| 53 | GOM_NL__2PRFIN20110502_044343_000000693102_00091_47950_1236.N1 | 02-MAY-2011 04:43:43 | Tw_i_and_stray | 68.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 137 | 47950 | No |
| 54 | GOM_NL__2PRFIN20110502_044553_000000613102_00091_47950_1237.N1 | 02-MAY-2011 04:45:53 | Tw_i_and_stray | 60.500 | 80 | 7Del Sco | 2.3160 | 30000. | 121 | 47950 | No |
| 55 | GOM_NL__2PRFIN20110502_044858_000000423102_00091_47950_1238.N1 | 02-MAY-2011 04:48:58 | Bright | 42.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 84 | 47950 | No |
| 56 | GOM_NL__2PRFIN20110502_045111_000000443102_00091_47950_1239.N1 | 02-MAY-2011 04:51:11 | Bright | 44.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 88 | 47950 | No |
| 57 | GOM_NL__2PRFIN20110502_045933_000000383102_00091_47950_1240.N1 | 02-MAY-2011 04:59:33 | Bright | 38.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 76 | 47950 | No |
| 58 | GOM_NL__2PRFIN20110502_050305_000000423102_00091_47950_1241.N1 | 02-MAY-2011 05:03:05 | Bright | 42.000 | 83 | | 2.3780 | 11000. | 84 | 47950 | No |
| 59 | GOM_NL__2PRFIN20110502_050606_000000493102_00091_47950_1242.N1 | 02-MAY-2011 05:06:06 | Bright | 48.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 97 | 47950 | No |
| 60 | GOM_NL__2PRFIN20110502_051533_000000443102_00091_47950_1243.N1 | 02-MAY-2011 05:15:33 | Bright | 43.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 87 | 47950 | No |
| 61 | GOM_NL__2PRFIN20110502_052557_000000423102_00091_47950_1244.N1 | 02-MAY-2011 05:25:57 | Bright | 41.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 83 | 47950 | No |
| 62 | GOM_NL__2PRFIN20110502_053727_000000523102_00091_47950_1245.N1 | 02-MAY-2011 05:37:27 | Bright | 51.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 103 | 47950 | No |
| 63 | GOM_NL__2PRFIN20110502_054156_000000473102_00091_47950_1246.N1 | 02-MAY-2011 05:41:56 | Twilight | 46.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 93 | 47950 | No |
| 64 | GOM_NL__2PRFIN20110502_054625_000000703102_00091_47950_1247.N1 | 02-MAY-2011 05:46:25 | Dark | 70.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 140 | 47950 | No |
| 65 | GOM_NL__2PRFIN20110502_054850_000000563102_00091_47950_1248.N1 | 02-MAY-2011 05:48:50 | Dark | 55.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 111 | 47950 | No |
| 66 | GOM_NL__2PRFIN20110502_055243_000000623102_00091_47950_1249.N1 | 02-MAY-2011 05:52:43 | Dark | 62.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 124 | 47950 | No |
| 67 | GOM_NL__2PRFIN20110502_055907_000000423102_00091_47950_1250.N1 | 02-MAY-2011 05:59:07 | Dark | 41.500 | 172 | Gam Gru | 3.0030 | 13100. | 83 | 47950 | No |
| 68 | GOM_NL__2PRFIN20110502_061335_000000463102_00092_47951_1262.N1 | 02-MAY-2011 06:13:35 | Straylight | 45.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 91 | 47951 | No |
| 69 | GOM_NL__2PRFIN20110502_061532_000000583102_00092_47951_1263.N1 | 02-MAY-2011 06:15:32 | Straylight | 58.000 | 40 | The Sco | 1.8590 | 7100.0 | 116 | 47951 | No |
| 70 | GOM_NL__2PRFIN20110502_061718_000000633102_00092_47951_1264.N1 | 02-MAY-2011 06:17:18 | Straylight | 62.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 125 | 47951 | No |
| 71 | GOM_NL__2PRFIN20110502_062019_000000583102_00092_47951_1265.N1 | 02-MAY-2011 06:20:19 | Straylight | 57.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 115 | 47951 | No |
| 72 | GOM_NL__2PRFIN20110502_062357_000000793102_00092_47951_1266.N1 | 02-MAY-2011 06:23:57 | Tw_i_and_stray | 79.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 158 | 47951 | No |
| 73 | GOM_NL__2PRFIN20110502_062607_000000603102_00092_47951_1267.N1 | 02-MAY-2011 06:26:07 | Tw_i_and_stray | 60.000 | 80 | 7Del Sco | 2.3160 | 30000. | 120 | 47951 | No |
| 74 | GOM_NL__2PRFIN20110502_062913_000000443102_00092_47951_1268.N1 | 02-MAY-2011 06:29:13 | Bright | 44.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 88 | 47951 | No |
| 75 | GOM_NL__2PRFIN20110502_063125_000000483102_00092_47951_1269.N1 | 02-MAY-2011 06:31:25 | Bright | 47.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 95 | 47951 | No |
| 76 | GOM_NL__2PRFIN20110502_063946_000000393102_00092_47951_1270.N1 | 02-MAY-2011 06:39:46 | Bright | 38.500 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 77 | 47951 | No |
| 77 | GOM_NL__2PRFIN20110502_064318_000000453102_00092_47951_1271.N1 | 02-MAY-2011 06:43:18 | Bright | 44.500 | 83 | | 2.3780 | 11000. | 89 | 47951 | No |
| 78 | GOM_NL__2PRFIN20110502_064620_000000393102_00092_47951_1272.N1 | 02-MAY-2011 06:46:20 | Bright | 38.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 77 | 47951 | No |
| 79 | GOM_NL__2PRFIN20110502_065547_000000443102_00092_47951_1273.N1 | 02-MAY-2011 06:55:47 | Bright | 43.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 87 | 47951 | No |
| 80 | GOM_NL__2PRFIN20110502_070610_000000433102_00092_47951_1274.N1 | 02-MAY-2011 07:06:10 | Bright | 43.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 86 | 47951 | No |
| 81 | GOM_NL__2PRFIN20110502_071741_000000493102_00092_47951_1275.N1 | 02-MAY-2011 07:17:41 | Bright | 49.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 98 | 47951 | No |
| 82 | GOM_NL__2PRFIN20110502_072210_000000473102_00092_47951_1276.N1 | 02-MAY-2011 07:22:10 | Twilight | 46.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 93 | 47951 | No |
| 83 | GOM_NL__2PRFIN20110502_072639_000000663102_00092_47951_1277.N1 | 02-MAY-2011 07:26:39 | Dark | 66.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 132 | 47951 | No |
| 84 | GOM_NL__2PRFIN20110502_072905_000000553102_00092_47951_1278.N1 | 02-MAY-2011 07:29:05 | Dark | 55.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 110 | 47951 | No |
| 85 | GOM_NL__2PRFIN20110502_073258_000000663102_00092_47951_1279.N1 | 02-MAY-2011 07:32:58 | Dark | 66.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 132 | 47951 | No |
| 86 | GOM_NL__2PRFIN20110502_073922_000000433102_00092_47951_1280.N1 | 02-MAY-2011 07:39:22 | Dark | 42.500 | 172 | Gam Gru | 3.0030 | 13100. | 85 | 47951 | No |
| 87 | GOM_NL__2PRFIN20110502_075350_000000413102_00093_47952_1275.N1 | 02-MAY-2011 07:53:50 | Straylight | 41.000 | 141 | Bet Ara | 2.8400 | 4600.0 | 82 | 47952 | No |
| 88 | GOM_NL__2PRFIN20110502_075547_000000553102_00093_47952_1276.N1 | 02-MAY-2011 07:55:47 | Straylight | 55.000 | 40 | The Sco | 1.8590 | 7100.0 | 110 | 47952 | No |
| 89 | GOM_NL__2PRFIN20110502_075733_000000573102_00093_47952_1277.N1 | 02-MAY-2011 07:57:33 | Straylight | 57.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 114 | 47952 | No |
| 90 | GOM_NL__2PRFIN20110502_080034_000000563102_00093_47952_1278.N1 | 02-MAY-2011 08:00:34 | Straylight | 56.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 112 | 47952 | No |
| 91 | GOM_NL__2PRFIN20110502_080412_000000683102_00093_47952_1279.N1 | 02-MAY-2011 08:04:12 | Tw_i_and_stray | 67.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 135 | 47952 | No |
| 92 | GOM_NL__2PRFIN20110502_080622_000000553102_00093_47952_1280.N1 | 02-MAY-2011 08:06:22 | Tw_i_and_stray | 55.000 | 80 | 7Del Sco | 2.3160 | 30000. | 110 | 47952 | No |
| 93 | GOM_NL__2PRFIN20110502_080927_000000433102_00093_47952_1281.N1 | 02-MAY-2011 08:09:27 | Bright | 42.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 85 | 47952 | No |
| 94 | GOM_NL__2PRFIN20110502_081139_000000473102_00093_47952_1282.N1 | 02-MAY-2011 08:11:39 | Bright | 47.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 94 | 47952 | No |
| 95 | GOM_NL__2PRFIN20110502_082000_000000393102_00093_47952_1283.N1 | 02-MAY-2011 08:20:00 | Bright | 39.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 78 | 47952 | No |
| 96 | GOM_NL__2PRFIN20110502_082332_000000463102_00093_47952_1284.N1 | 02-MAY-2011 08:23:32 | Bright | 45.500 | 83 | | 2.3780 | 11000. | 91 | 47952 | No |
| 97 | GOM_NL__2PRFIN20110502_082633_000000403102_00093_47952_1285.N1 | 02-MAY-2011 08:26:33 | Bright | 40.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 80 | 47952 | No |
| 98 | GOM_NL__2PRFIN20110502_083600_000000443102_00093_47952_1286.N1 | 02-MAY-2011 08:36:00 | Bright | 44.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 88 | 47952 | No |
| 99 | GOM_NL__2PRFIN20110502_084624_000000443102_00093_47952_1287.N1 | 02-MAY-2011 08:46:24 | Bright | 43.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 87 | 47952 | No |
| 100 | GOM_NL__2PRFIN20110502_085755_000000513102_00093_47952_1288.N1 | 02-MAY-2011 08:57:55 | Bright | 50.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 101 | 47952 | No |
| 101 | GOM_NL__2PRFIN20110502_090224_000000473102_00093_47952_1289.N1 | 02-MAY-2011 09:02:24 | Twilight | 46.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 93 | 47952 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|--------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20110502_090654_000000703102_00093_47952_1290.N1 | 02-MAY-2011 09:06:54 | Dark | 69.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 139 | 47952 | No |
| 103 | GOM_NL__2PRFIN20110502_090920_000000583102_00093_47952_1291.N1 | 02-MAY-2011 09:09:20 | Dark | 57.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 115 | 47952 | No |
| 104 | GOM_NL__2PRFIN20110502_091313_000000653102_00093_47952_1292.N1 | 02-MAY-2011 09:13:13 | Dark | 65.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 130 | 47952 | No |
| 105 | GOM_NL__2PRFIN20110502_091936_000000423102_00093_47952_1293.N1 | 02-MAY-2011 09:19:36 | Dark | 41.500 | 172 | Gam Gru | 3.0030 | 13100. | 83 | 47952 | No |
| 106 | GOM_NL__2PRFIN20110502_093405_000000423102_00094_47953_1490.N1 | 02-MAY-2011 09:34:05 | Straylight | 42.000 | 141 | Bet Ara | 2.8400 | 4600.0 | 84 | 47953 | No |
| 107 | GOM_NL__2PRFIN20110502_093602_000000523102_00094_47953_1491.N1 | 02-MAY-2011 09:36:02 | Straylight | 51.500 | 40 | The Sco | 1.8590 | 7100.0 | 103 | 47953 | No |
| 108 | GOM_NL__2PRFIN20110502_093748_000000593102_00094_47953_1492.N1 | 02-MAY-2011 09:37:48 | Straylight | 58.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 117 | 47953 | No |
| 109 | GOM_NL__2PRFIN20110502_094048_000000613102_00094_47953_1493.N1 | 02-MAY-2011 09:40:48 | Straylight | 60.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 121 | 47953 | No |
| 110 | GOM_NL__2PRFIN20110502_094426_000000713102_00094_47953_1494.N1 | 02-MAY-2011 09:44:26 | Twilight | 71.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 142 | 47953 | No |
| 111 | GOM_NL__2PRFIN20110502_094636_000000603102_00094_47953_1495.N1 | 02-MAY-2011 09:46:36 | Twilight | 60.000 | 80 | 7Del Sco | 2.3160 | 30000. | 120 | 47953 | No |
| 112 | GOM_NL__2PRFIN20110502_094941_000000453102_00094_47953_1496.N1 | 02-MAY-2011 09:49:41 | Bright | 44.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 89 | 47953 | No |
| 113 | GOM_NL__2PRFIN20110502_095153_000000473102_00094_47953_1497.N1 | 02-MAY-2011 09:51:53 | Bright | 47.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 94 | 47953 | No |
| 114 | GOM_NL__2PRFIN20110502_100014_000000563102_00094_47953_1498.N1 | 02-MAY-2011 10:00:14 | Bright | 56.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 112 | 47953 | No |
| 115 | GOM_NL__2PRFIN20110502_100345_000000463102_00094_47953_1499.N1 | 02-MAY-2011 10:03:45 | Bright | 45.500 | 83 | | 2.3780 | 11000. | 91 | 47953 | No |
| 116 | GOM_NL__2PRFIN20110502_100647_000000423102_00094_47953_1500.N1 | 02-MAY-2011 10:06:47 | Bright | 42.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 84 | 47953 | No |
| 117 | GOM_NL__2PRFIN20110502_101613_000000463102_00094_47953_1501.N1 | 02-MAY-2011 10:16:13 | Bright | 45.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 91 | 47953 | No |
| 118 | GOM_NL__2PRFIN20110502_102638_000000433102_00094_47953_1502.N1 | 02-MAY-2011 10:26:38 | Bright | 43.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 86 | 47953 | No |
| 119 | GOM_NL__2PRFIN20110502_103809_000000483102_00094_47953_1503.N1 | 02-MAY-2011 10:38:09 | Bright | 47.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 95 | 47953 | No |
| 120 | GOM_NL__2PRFIN20110502_104239_000000463102_00094_47953_1504.N1 | 02-MAY-2011 10:42:39 | Twilight | 46.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 92 | 47953 | No |
| 121 | GOM_NL__2PRFIN20110502_104709_000000703102_00094_47953_1505.N1 | 02-MAY-2011 10:47:09 | Dark | 69.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 139 | 47953 | No |
| 122 | GOM_NL__2PRFIN20110502_104935_000000573102_00094_47953_1506.N1 | 02-MAY-2011 10:49:35 | Dark | 57.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 114 | 47953 | No |
| 123 | GOM_NL__2PRFIN20110502_105329_000000633102_00094_47953_1507.N1 | 02-MAY-2011 10:53:29 | Dark | 62.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 125 | 47953 | No |
| 124 | GOM_NL__2PRFIN20110502_105951_000000453102_00094_47953_1508.N1 | 02-MAY-2011 10:59:51 | Dark | 44.500 | 172 | Gam Gru | 3.0030 | 13100. | 89 | 47953 | No |
| 125 | GOM_NL__2PRFIN20110502_111419_000000423102_00095_47954_1563.N1 | 02-MAY-2011 11:14:19 | Straylight | 42.000 | 141 | Bet Ara | 2.8400 | 4600.0 | 84 | 47954 | No |
| 126 | GOM_NL__2PRFIN20110502_111616_000000543102_00095_47954_1564.N1 | 02-MAY-2011 11:16:16 | Straylight | 53.500 | 40 | The Sco | 1.8590 | 7100.0 | 107 | 47954 | No |
| 127 | GOM_NL__2PRFIN20110502_111803_000000593102_00095_47954_1565.N1 | 02-MAY-2011 11:18:03 | Straylight | 59.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 118 | 47954 | No |
| 128 | GOM_NL__2PRFIN20110502_112103_000000613102_00095_47954_1566.N1 | 02-MAY-2011 11:21:03 | Straylight | 61.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 122 | 47954 | No |
| 129 | GOM_NL__2PRFIN20110502_112441_000000793102_00095_47954_1567.N1 | 02-MAY-2011 11:24:41 | Twilight | 79.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 158 | 47954 | No |
| 130 | GOM_NL__2PRFIN20110502_112650_000000603102_00095_47954_1568.N1 | 02-MAY-2011 11:26:50 | Twilight | 59.500 | 80 | 7Del Sco | 2.3160 | 30000. | 119 | 47954 | No |
| 131 | GOM_NL__2PRFIN20110502_112955_000000443102_00095_47954_1569.N1 | 02-MAY-2011 11:29:55 | Bright | 44.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 88 | 47954 | No |
| 132 | GOM_NL__2PRFIN20110502_113207_000000483102_00095_47954_1570.N1 | 02-MAY-2011 11:32:07 | Bright | 47.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 95 | 47954 | No |
| 133 | GOM_NL__2PRFIN20110502_114028_000000383102_00095_47954_1571.N1 | 02-MAY-2011 11:40:28 | Bright | 38.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 76 | 47954 | No |
| 134 | GOM_NL__2PRFIN20110502_114359_000000463102_00095_47954_1572.N1 | 02-MAY-2011 11:43:59 | Bright | 46.000 | 83 | | 2.3780 | 11000. | 92 | 47954 | No |
| 135 | GOM_NL__2PRFIN20110502_114701_000000533102_00095_47954_1573.N1 | 02-MAY-2011 11:47:01 | Bright | 53.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 106 | 47954 | No |
| 136 | GOM_NL__2PRFIN20110502_115627_000000463102_00095_47954_1574.N1 | 02-MAY-2011 11:56:27 | Bright | 45.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 91 | 47954 | No |
| 137 | GOM_NL__2PRFIN20110502_120651_000000423102_00095_47954_1575.N1 | 02-MAY-2011 12:06:51 | Bright | 41.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 83 | 47954 | No |
| 138 | GOM_NL__2PRFIN20110502_121823_000000463102_00095_47954_1576.N1 | 02-MAY-2011 12:18:23 | Bright | 46.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 92 | 47954 | No |
| 139 | GOM_NL__2PRFIN20110502_122253_000000473102_00095_47954_1577.N1 | 02-MAY-2011 12:22:53 | Twilight | 47.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 94 | 47954 | No |
| 140 | GOM_NL__2PRFIN20110502_122724_000000683102_00095_47954_1578.N1 | 02-MAY-2011 12:27:24 | Dark | 68.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 136 | 47954 | No |
| 141 | GOM_NL__2PRFIN20110502_122949_000000543102_00095_47954_1579.N1 | 02-MAY-2011 12:29:49 | Dark | 53.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 107 | 47954 | No |
| 142 | GOM_NL__2PRFIN20110502_123344_000000683102_00095_47954_1580.N1 | 02-MAY-2011 12:33:44 | Dark | 68.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 136 | 47954 | No |
| 143 | GOM_NL__2PRFIN20110502_124006_000000443102_00095_47954_1581.N1 | 02-MAY-2011 12:40:06 | Dark | 43.500 | 172 | Gam Gru | 3.0030 | 13100. | 87 | 47954 | No |
| 144 | GOM_NL__2PRFIN20110502_125434_000000553102_00096_47955_1604.N1 | 02-MAY-2011 12:54:34 | Straylight | 54.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 109 | 47955 | No |
| 145 | GOM_NL__2PRFIN20110502_125631_000000563102_00096_47955_1605.N1 | 02-MAY-2011 12:56:31 | Straylight | 55.500 | 40 | The Sco | 1.8590 | 7100.0 | 111 | 47955 | No |
| 146 | GOM_NL__2PRFIN20110502_125817_000000583102_00096_47955_1606.N1 | 02-MAY-2011 12:58:17 | Straylight | 57.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 115 | 47955 | No |
| 147 | GOM_NL__2PRFIN20110502_130117_000000623102_00096_47955_1607.N1 | 02-MAY-2011 13:01:17 | Straylight | 62.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 124 | 47955 | No |
| 148 | GOM_NL__2PRFIN20110502_130455_000000703102_00096_47955_1608.N1 | 02-MAY-2011 13:04:55 | Twilight | 69.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 139 | 47955 | No |
| 149 | GOM_NL__2PRFIN20110502_130704_000000643102_00096_47955_1609.N1 | 02-MAY-2011 13:07:04 | Twilight | 63.500 | 80 | 7Del Sco | 2.3160 | 30000. | 127 | 47955 | No |
| 150 | GOM_NL__2PRFIN20110502_131009_000000423102_00096_47955_1610.N1 | 02-MAY-2011 13:10:09 | Bright | 41.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 83 | 47955 | No |
| 151 | GOM_NL__2PRFIN20110502_131221_000000473102_00096_47955_1611.N1 | 02-MAY-2011 13:12:21 | Bright | 47.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 94 | 47955 | No |
| 152 | GOM_NL__2PRFIN20110502_132042_000000383102_00096_47955_1612.N1 | 02-MAY-2011 13:20:42 | Bright | 38.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 76 | 47955 | No |
| 153 | GOM_NL__2PRFIN20110502_132412_000000433102_00096_47955_1613.N1 | 02-MAY-2011 13:24:12 | Bright | 43.000 | 83 | | 2.3780 | 11000. | 86 | 47955 | No |
| 154 | GOM_NL__2PRFIN20110502_132714_000000543102_00096_47955_1614.N1 | 02-MAY-2011 13:27:14 | Bright | 54.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 108 | 47955 | No |
| 155 | GOM_NL__2PRFIN20110502_133640_000000413102_00096_47955_1615.N1 | 02-MAY-2011 13:36:40 | Bright | 40.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 81 | 47955 | No |
| 156 | GOM_NL__2PRFIN20110502_134705_000000433102_00096_47955_1616.N1 | 02-MAY-2011 13:47:05 | Bright | 43.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 86 | 47955 | No |
| 157 | GOM_NL__2PRFIN20110502_135837_000000523102_00096_47955_1617.N1 | 02-MAY-2011 13:58:37 | Bright | 51.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 103 | 47955 | No |
| 158 | GOM_NL__2PRFIN20110502_140307_000000463102_00096_47955_1618.N1 | 02-MAY-2011 14:03:07 | Twilight | 45.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 91 | 47955 | No |
| 159 | GOM_NL__2PRFIN20110502_140739_000000673102_00096_47955_1619.N1 | 02-MAY-2011 14:07:39 | Dark | 66.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 133 | 47955 | No |
| 160 | GOM_NL__2PRFIN20110502_141004_000000553102_00096_47955_1620.N1 | 02-MAY-2011 14:10:04 | Dark | 55.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 110 | 47955 | No |

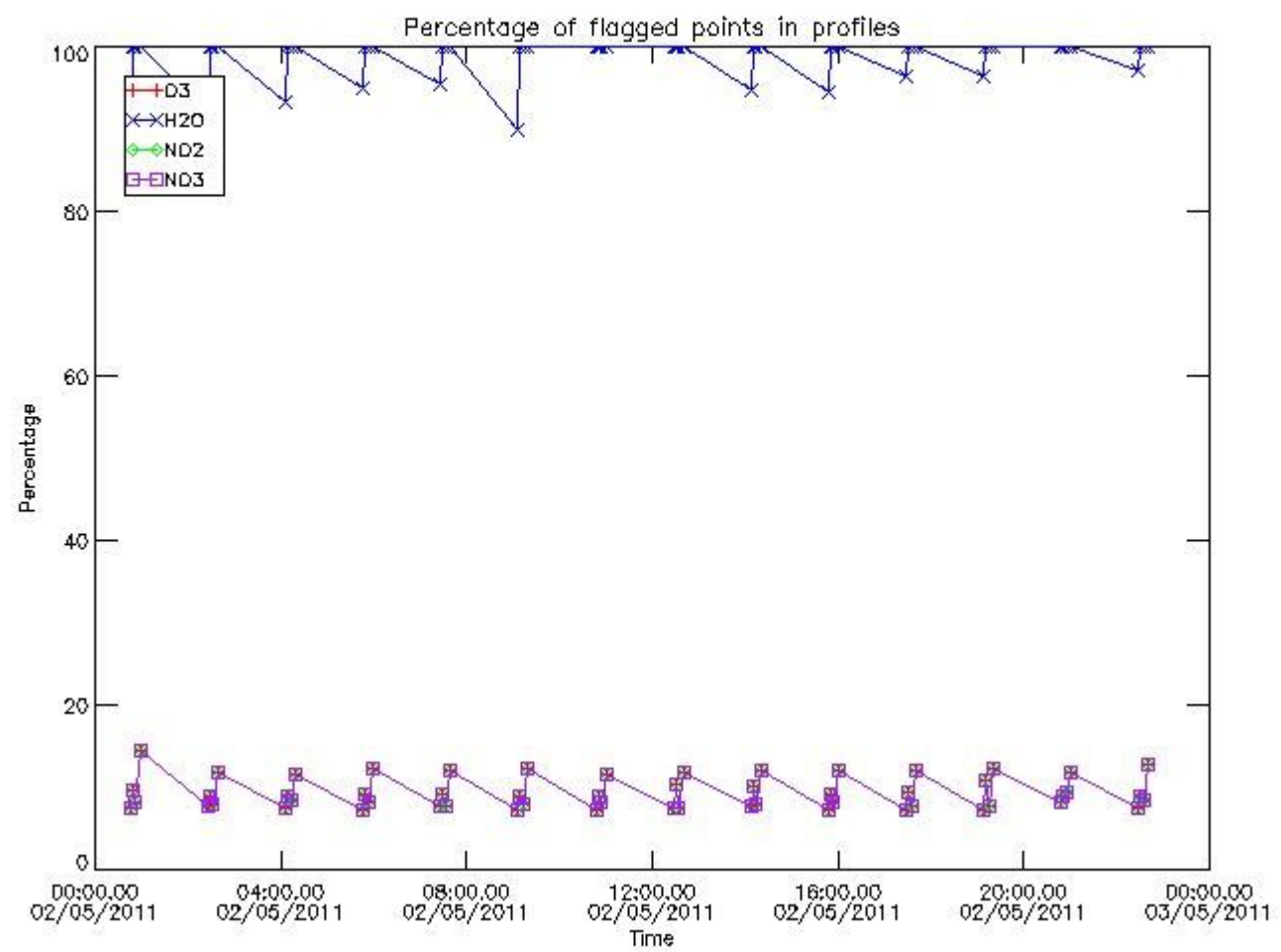
| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|--------|--------|-----|-------|----|
| 161 | GOM_NL__2PRFIN20110502_141359_000000653102_00096_47955_1621.N1 | 02-MAY-2011 14:13:59 | Dark | 64.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 129 | 47955 | No |
| 162 | GOM_NL__2PRFIN20110502_142020_000000423102_00096_47955_1622.N1 | 02-MAY-2011 14:20:20 | Dark | 42.000 | 172 | Gam Gru | 3.0030 | 13100. | 84 | 47955 | No |
| 163 | GOM_NL__2PRFIN20110502_143448_000000503102_00097_47956_1482.N1 | 02-MAY-2011 14:34:48 | Straylight | 49.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 99 | 47956 | No |
| 164 | GOM_NL__2PRFIN20110502_143646_000000563102_00097_47956_1483.N1 | 02-MAY-2011 14:36:46 | Straylight | 55.500 | 40 | The Sco | 1.8590 | 7100.0 | 111 | 47956 | No |
| 165 | GOM_NL__2PRFIN20110502_143832_000000653102_00097_47956_1484.N1 | 02-MAY-2011 14:38:32 | Straylight | 64.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 129 | 47956 | No |
| 166 | GOM_NL__2PRFIN20110502_144132_000000603102_00097_47956_1485.N1 | 02-MAY-2011 14:41:32 | Straylight | 59.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 119 | 47956 | No |
| 167 | GOM_NL__2PRFIN20110502_144510_000000753102_00097_47956_1486.N1 | 02-MAY-2011 14:45:10 | Twilight | 74.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 149 | 47956 | No |
| 168 | GOM_NL__2PRFIN20110502_144718_000000613102_00097_47956_1487.N1 | 02-MAY-2011 14:47:18 | Twilight | 60.500 | 80 | 7Del Sco | 2.3160 | 30000. | 121 | 47956 | No |
| 169 | GOM_NL__2PRFIN20110502_145023_000000443102_00097_47956_1488.N1 | 02-MAY-2011 14:50:23 | Bright | 44.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 88 | 47956 | No |
| 170 | GOM_NL__2PRFIN20110502_145234_000000463102_00097_47956_1489.N1 | 02-MAY-2011 14:52:34 | Bright | 46.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 92 | 47956 | No |
| 171 | GOM_NL__2PRFIN20110502_150056_000000543102_00097_47956_1490.N1 | 02-MAY-2011 15:00:56 | Bright | 54.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 108 | 47956 | No |
| 172 | GOM_NL__2PRFIN20110502_150426_000000453102_00097_47956_1491.N1 | 02-MAY-2011 15:04:26 | Bright | 44.500 | 83 | | 2.3780 | 11000. | 89 | 47956 | No |
| 173 | GOM_NL__2PRFIN20110502_150728_000000403102_00097_47956_1492.N1 | 02-MAY-2011 15:07:28 | Bright | 39.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 79 | 47956 | No |
| 174 | GOM_NL__2PRFIN20110502_151653_000000463102_00097_47956_1493.N1 | 02-MAY-2011 15:16:53 | Bright | 45.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 91 | 47956 | No |
| 175 | GOM_NL__2PRFIN20110502_152719_000000433102_00097_47956_1494.N1 | 02-MAY-2011 15:27:19 | Bright | 43.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 86 | 47956 | No |
| 176 | GOM_NL__2PRFIN20110502_153851_000000503102_00097_47956_1495.N1 | 02-MAY-2011 15:38:51 | Bright | 50.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 100 | 47956 | No |
| 177 | GOM_NL__2PRFIN20110502_154321_000000473102_00097_47956_1496.N1 | 02-MAY-2011 15:43:21 | Twilight | 47.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 94 | 47956 | No |
| 178 | GOM_NL__2PRFIN20110502_154754_000000723102_00097_47956_1497.N1 | 02-MAY-2011 15:47:54 | Dark | 71.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 143 | 47956 | No |
| 179 | GOM_NL__2PRFIN20110502_155019_000000563102_00097_47956_1498.N1 | 02-MAY-2011 15:50:19 | Dark | 56.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 112 | 47956 | No |
| 180 | GOM_NL__2PRFIN20110502_155414_000000633102_00097_47956_1499.N1 | 02-MAY-2011 15:54:14 | Dark | 62.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 125 | 47956 | No |
| 181 | GOM_NL__2PRFIN20110502_160035_000000433102_00097_47956_1500.N1 | 02-MAY-2011 16:00:35 | Dark | 42.500 | 172 | Gam Gru | 3.0030 | 13100. | 85 | 47956 | No |
| 182 | GOM_NL__2PRFIN20110502_161503_000000453102_00098_47957_1821.N1 | 02-MAY-2011 16:15:03 | Straylight | 44.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 89 | 47957 | No |
| 183 | GOM_NL__2PRFIN20110502_161701_000000583102_00098_47957_1822.N1 | 02-MAY-2011 16:17:01 | Straylight | 58.000 | 40 | The Sco | 1.8590 | 7100.0 | 116 | 47957 | No |
| 184 | GOM_NL__2PRFIN20110502_161847_000000613102_00098_47957_1823.N1 | 02-MAY-2011 16:18:47 | Straylight | 61.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 122 | 47957 | No |
| 185 | GOM_NL__2PRFIN20110502_162147_000000613102_00098_47957_1824.N1 | 02-MAY-2011 16:21:47 | Straylight | 60.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 121 | 47957 | No |
| 186 | GOM_NL__2PRFIN20110502_162525_000000683102_00098_47957_1825.N1 | 02-MAY-2011 16:25:25 | Twilight | 67.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 135 | 47957 | No |
| 187 | GOM_NL__2PRFIN20110502_162733_000000593102_00098_47957_1826.N1 | 02-MAY-2011 16:27:33 | Twilight | 58.500 | 80 | 7Del Sco | 2.3160 | 30000. | 117 | 47957 | No |
| 188 | GOM_NL__2PRFIN20110502_163037_000000433102_00098_47957_1827.N1 | 02-MAY-2011 16:30:37 | Bright | 42.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 85 | 47957 | No |
| 189 | GOM_NL__2PRFIN20110502_163248_000000483102_00098_47957_1828.N1 | 02-MAY-2011 16:32:48 | Bright | 47.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 95 | 47957 | No |
| 190 | GOM_NL__2PRFIN20110502_164109_000000563102_00098_47957_1829.N1 | 02-MAY-2011 16:41:09 | Bright | 56.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 112 | 47957 | No |
| 191 | GOM_NL__2PRFIN20110502_164439_000000473102_00098_47957_1830.N1 | 02-MAY-2011 16:44:39 | Bright | 46.500 | 83 | | 2.3780 | 11000. | 93 | 47957 | No |
| 192 | GOM_NL__2PRFIN20110502_164741_000000413102_00098_47957_1831.N1 | 02-MAY-2011 16:47:41 | Bright | 40.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 81 | 47957 | No |
| 193 | GOM_NL__2PRFIN20110502_165707_000000443102_00098_47957_1832.N1 | 02-MAY-2011 16:57:07 | Bright | 43.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 87 | 47957 | No |
| 194 | GOM_NL__2PRFIN20110502_170732_000000433102_00098_47957_1833.N1 | 02-MAY-2011 17:07:32 | Bright | 43.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 86 | 47957 | No |
| 195 | GOM_NL__2PRFIN20110502_171905_000000503102_00098_47957_1834.N1 | 02-MAY-2011 17:19:05 | Bright | 50.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 100 | 47957 | No |
| 196 | GOM_NL__2PRFIN20110502_172336_000000453102_00098_47957_1835.N1 | 02-MAY-2011 17:23:36 | Twilight | 45.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 90 | 47957 | No |
| 197 | GOM_NL__2PRFIN20110502_172809_000000713102_00098_47957_1836.N1 | 02-MAY-2011 17:28:09 | Dark | 70.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 141 | 47957 | No |
| 198 | GOM_NL__2PRFIN20110502_173034_000000543102_00098_47957_1837.N1 | 02-MAY-2011 17:30:34 | Dark | 54.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 108 | 47957 | No |
| 199 | GOM_NL__2PRFIN20110502_173430_000000673102_00098_47957_1838.N1 | 02-MAY-2011 17:34:30 | Dark | 67.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 134 | 47957 | No |
| 200 | GOM_NL__2PRFIN20110502_174050_000000433102_00098_47957_1839.N1 | 02-MAY-2011 17:40:50 | Dark | 42.500 | 172 | Gam Gru | 3.0030 | 13100. | 85 | 47957 | No |
| 201 | GOM_NL__2PRFIN20110502_175518_000000433102_00099_47958_1821.N1 | 02-MAY-2011 17:55:18 | Straylight | 42.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 85 | 47958 | No |
| 202 | GOM_NL__2PRFIN20110502_175716_000000593102_00099_47958_1822.N1 | 02-MAY-2011 17:57:16 | Straylight | 59.000 | 40 | The Sco | 1.8590 | 7100.0 | 118 | 47958 | No |
| 203 | GOM_NL__2PRFIN20110502_175902_000000633102_00099_47958_1823.N1 | 02-MAY-2011 17:59:02 | Straylight | 62.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 125 | 47958 | No |
| 204 | GOM_NL__2PRFIN20110502_180202_000000593102_00099_47958_1824.N1 | 02-MAY-2011 18:02:02 | Straylight | 59.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 118 | 47958 | No |
| 205 | GOM_NL__2PRFIN20110502_180539_000000733102_00099_47958_1825.N1 | 02-MAY-2011 18:05:39 | Twilight | 73.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 146 | 47958 | No |
| 206 | GOM_NL__2PRFIN20110502_180747_000000633102_00099_47958_1826.N1 | 02-MAY-2011 18:07:47 | Twilight | 63.000 | 80 | 7Del Sco | 2.3160 | 30000. | 126 | 47958 | No |
| 207 | GOM_NL__2PRFIN20110502_181051_000000433102_00099_47958_1827.N1 | 02-MAY-2011 18:10:51 | Bright | 43.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 86 | 47958 | No |
| 208 | GOM_NL__2PRFIN20110502_181303_000000473102_00099_47958_1828.N1 | 02-MAY-2011 18:13:03 | Bright | 47.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 94 | 47958 | No |
| 209 | GOM_NL__2PRFIN20110502_182124_000000383102_00099_47958_1829.N1 | 02-MAY-2011 18:21:24 | Bright | 38.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 76 | 47958 | No |
| 210 | GOM_NL__2PRFIN20110502_182453_000000463102_00099_47958_1830.N1 | 02-MAY-2011 18:24:53 | Bright | 46.000 | 83 | | 2.3780 | 11000. | 92 | 47958 | No |
| 211 | GOM_NL__2PRFIN20110502_182755_000000423102_00099_47958_1831.N1 | 02-MAY-2011 18:27:55 | Bright | 41.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 83 | 47958 | No |
| 212 | GOM_NL__2PRFIN20110502_183720_000000443102_00099_47958_1832.N1 | 02-MAY-2011 18:37:20 | Bright | 44.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 88 | 47958 | No |
| 213 | GOM_NL__2PRFIN20110502_184746_000000433102_00099_47958_1833.N1 | 02-MAY-2011 18:47:46 | Bright | 42.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 85 | 47958 | No |
| 214 | GOM_NL__2PRFIN20110502_185920_000000483102_00099_47958_1834.N1 | 02-MAY-2011 18:59:20 | Bright | 48.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 96 | 47958 | No |
| 215 | GOM_NL__2PRFIN20110502_190350_000000473102_00099_47958_1835.N1 | 02-MAY-2011 19:03:50 | Twilight | 46.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 93 | 47958 | No |
| 216 | GOM_NL__2PRFIN20110502_190824_000000713102_00099_47958_1836.N1 | 02-MAY-2011 19:08:24 | Dark | 70.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 141 | 47958 | No |
| 217 | GOM_NL__2PRFIN20110502_191049_000000563102_00099_47958_1837.N1 | 02-MAY-2011 19:10:49 | Dark | 56.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 112 | 47958 | No |
| 218 | GOM_NL__2PRFIN20110502_191445_000000663102_00099_47958_1838.N1 | 02-MAY-2011 19:14:45 | Dark | 65.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 131 | 47958 | No |
| 219 | GOM_NL__2PRFIN20110502_192105_000000423102_00099_47958_1839.N1 | 02-MAY-2011 19:21:05 | Dark | 41.500 | 172 | Gam Gru | 3.0030 | 13100. | 83 | 47958 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|--------|--------|-----|-------|----|
| 220 | GOM_NL__2PRFIN20110502_193534_000000403102_00100_47959_1821.N1 | 02-MAY-2011 19:35:34 | Straylight | 39.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 79 | 47959 | No |
| 221 | GOM_NL__2PRFIN20110502_193731_000000603102_00100_47959_1822.N1 | 02-MAY-2011 19:37:31 | Straylight | 59.500 | 40 | The Sco | 1.8590 | 7100.0 | 119 | 47959 | No |
| 222 | GOM_NL__2PRFIN20110502_193917_000000653102_00100_47959_1823.N1 | 02-MAY-2011 19:39:17 | Straylight | 64.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 129 | 47959 | No |
| 223 | GOM_NL__2PRFIN20110502_194216_000000593102_00100_47959_1824.N1 | 02-MAY-2011 19:42:16 | Straylight | 59.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 118 | 47959 | No |
| 224 | GOM_NL__2PRFIN20110502_194553_000000713102_00100_47959_1825.N1 | 02-MAY-2011 19:45:53 | Tw_i_and_stray | 71.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 142 | 47959 | No |
| 225 | GOM_NL__2PRFIN20110502_194801_000000583102_00100_47959_1826.N1 | 02-MAY-2011 19:48:01 | Tw_i_and_stray | 58.000 | 80 | 7Del Sco | 2.3160 | 30000. | 116 | 47959 | No |
| 226 | GOM_NL__2PRFIN20110502_195105_000000423102_00100_47959_1827.N1 | 02-MAY-2011 19:51:05 | Bright | 41.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 83 | 47959 | No |
| 227 | GOM_NL__2PRFIN20110502_195317_000000463102_00100_47959_1828.N1 | 02-MAY-2011 19:53:17 | Bright | 46.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 92 | 47959 | No |
| 228 | GOM_NL__2PRFIN20110502_200137_000000383102_00100_47959_1829.N1 | 02-MAY-2011 20:01:37 | Bright | 38.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 76 | 47959 | No |
| 229 | GOM_NL__2PRFIN20110502_200507_000000433102_00100_47959_1830.N1 | 02-MAY-2011 20:05:07 | Bright | 42.500 | 83 | | 2.3780 | 11000. | 85 | 47959 | No |
| 230 | GOM_NL__2PRFIN20110502_200808_000000413102_00100_47959_1831.N1 | 02-MAY-2011 20:08:08 | Bright | 40.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 81 | 47959 | No |
| 231 | GOM_NL__2PRFIN20110502_201734_000000653102_00100_47959_1832.N1 | 02-MAY-2011 20:17:34 | Bright | 65.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 130 | 47959 | No |
| 232 | GOM_NL__2PRFIN20110502_202800_000000403102_00100_47959_1833.N1 | 02-MAY-2011 20:28:00 | Bright | 40.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 80 | 47959 | No |
| 233 | GOM_NL__2PRFIN20110502_203934_000000493102_00100_47959_1834.N1 | 02-MAY-2011 20:39:34 | Bright | 48.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 97 | 47959 | No |
| 234 | GOM_NL__2PRFIN20110502_204404_000000473102_00100_47959_1835.N1 | 02-MAY-2011 20:44:04 | Twilight | 46.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 93 | 47959 | No |
| 235 | GOM_NL__2PRFIN20110502_204838_000000693102_00100_47959_1836.N1 | 02-MAY-2011 20:48:38 | Dark | 69.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 138 | 47959 | No |
| 236 | GOM_NL__2PRFIN20110502_205104_000000573102_00100_47959_1837.N1 | 02-MAY-2011 20:51:04 | Dark | 57.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 114 | 47959 | No |
| 237 | GOM_NL__2PRFIN20110502_205501_000000653102_00100_47959_1838.N1 | 02-MAY-2011 20:55:01 | Dark | 65.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 130 | 47959 | No |
| 238 | GOM_NL__2PRFIN20110502_210119_000000433102_00100_47959_1839.N1 | 02-MAY-2011 21:01:19 | Dark | 43.000 | 172 | Gam Gru | 3.0030 | 13100. | 86 | 47959 | No |
| 239 | GOM_NL__2PRFIN20110502_211701_000000643102_00101_47960_1821.N1 | 02-MAY-2011 21:17:01 | Straylight | 64.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 128 | 47960 | No |
| 240 | GOM_NL__2PRFIN20110502_211932_000000563102_00101_47960_1822.N1 | 02-MAY-2011 21:19:32 | Straylight | 56.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 112 | 47960 | No |
| 241 | GOM_NL__2PRFIN20110502_212231_000000623102_00101_47960_1823.N1 | 02-MAY-2011 21:22:31 | Straylight | 61.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 123 | 47960 | No |
| 242 | GOM_NL__2PRFIN20110502_212608_000000693102_00101_47960_1824.N1 | 02-MAY-2011 21:26:08 | Tw_i_and_stray | 69.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 138 | 47960 | No |
| 243 | GOM_NL__2PRFIN20110502_212816_000000643102_00101_47960_1825.N1 | 02-MAY-2011 21:28:16 | Tw_i_and_stray | 63.500 | 80 | 7Del Sco | 2.3160 | 30000. | 127 | 47960 | No |
| 244 | GOM_NL__2PRFIN20110502_213119_000000433102_00101_47960_1826.N1 | 02-MAY-2011 21:31:19 | Bright | 42.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 85 | 47960 | No |
| 245 | GOM_NL__2PRFIN20110502_213331_000000473102_00101_47960_1827.N1 | 02-MAY-2011 21:33:31 | Bright | 46.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 93 | 47960 | No |
| 246 | GOM_NL__2PRFIN20110502_214151_000000383102_00101_47960_1828.N1 | 02-MAY-2011 21:41:51 | Bright | 37.500 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 75 | 47960 | No |
| 247 | GOM_NL__2PRFIN20110502_214520_000000433102_00101_47960_1829.N1 | 02-MAY-2011 21:45:20 | Bright | 43.000 | 83 | | 2.3780 | 11000. | 86 | 47960 | No |
| 248 | GOM_NL__2PRFIN20110502_214822_000000403102_00101_47960_1830.N1 | 02-MAY-2011 21:48:22 | Bright | 39.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 79 | 47960 | No |
| 249 | GOM_NL__2PRFIN20110502_215747_000000453102_00101_47960_1831.N1 | 02-MAY-2011 21:57:47 | Bright | 45.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 90 | 47960 | No |
| 250 | GOM_NL__2PRFIN20110502_220813_000000433102_00101_47960_1832.N1 | 02-MAY-2011 22:08:13 | Bright | 42.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 85 | 47960 | No |
| 251 | GOM_NL__2PRFIN20110502_221948_000000473102_00101_47960_1833.N1 | 02-MAY-2011 22:19:48 | Bright | 47.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 94 | 47960 | No |
| 252 | GOM_NL__2PRFIN20110502_222418_000000463102_00101_47960_1834.N1 | 02-MAY-2011 22:24:18 | Twilight | 45.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 91 | 47960 | No |
| 253 | GOM_NL__2PRFIN20110502_222853_000000683102_00101_47960_1835.N1 | 02-MAY-2011 22:28:53 | Dark | 68.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 136 | 47960 | No |
| 254 | GOM_NL__2PRFIN20110502_223118_000000573102_00101_47960_1836.N1 | 02-MAY-2011 22:31:18 | Dark | 56.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 113 | 47960 | No |
| 255 | GOM_NL__2PRFIN20110502_223516_000000663102_00101_47960_1837.N1 | 02-MAY-2011 22:35:16 | Dark | 66.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 132 | 47960 | No |
| 256 | GOM_NL__2PRFIN20110502_224134_000000443102_00101_47960_1838.N1 | 02-MAY-2011 22:41:34 | Dark | 44.000 | 172 | Gam Gru | 3.0030 | 13100. | 88 | 47960 | No |
| 257 | GOM_NL__2PRFIN20110502_225716_000000663102_00102_47961_1841.N1 | 02-MAY-2011 22:57:16 | Straylight | 66.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 132 | 47961 | No |
| 258 | GOM_NL__2PRFIN20110502_225947_000000573102_00102_47961_1842.N1 | 02-MAY-2011 22:59:47 | Straylight | 57.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 114 | 47961 | No |
| 259 | GOM_NL__2PRFIN20110502_230245_000000613102_00102_47961_1843.N1 | 02-MAY-2011 23:02:45 | Straylight | 61.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 122 | 47961 | No |
| 260 | GOM_NL__2PRFIN20110502_230622_000000763102_00102_47961_1844.N1 | 02-MAY-2011 23:06:22 | Tw_i_and_stray | 75.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 151 | 47961 | No |
| 261 | GOM_NL__2PRFIN20110502_230830_000000613102_00102_47961_1845.N1 | 02-MAY-2011 23:08:30 | Tw_i_and_stray | 61.000 | 80 | 7Del Sco | 2.3160 | 30000. | 122 | 47961 | No |
| 262 | GOM_NL__2PRFIN20110502_231133_000000433102_00102_47961_1846.N1 | 02-MAY-2011 23:11:33 | Bright | 43.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 86 | 47961 | No |
| 263 | GOM_NL__2PRFIN20110502_231344_000000473102_00102_47961_1847.N1 | 02-MAY-2011 23:13:44 | Bright | 47.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 94 | 47961 | No |
| 264 | GOM_NL__2PRFIN20110502_232205_000000383102_00102_47961_1848.N1 | 02-MAY-2011 23:22:05 | Bright | 38.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 76 | 47961 | No |
| 265 | GOM_NL__2PRFIN20110502_232533_000000443102_00102_47961_1849.N1 | 02-MAY-2011 23:25:33 | Bright | 43.500 | 83 | | 2.3780 | 11000. | 87 | 47961 | No |
| 266 | GOM_NL__2PRFIN20110502_232836_000000413102_00102_47961_1850.N1 | 02-MAY-2011 23:28:36 | Bright | 40.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 81 | 47961 | No |
| 267 | GOM_NL__2PRFIN20110502_233800_000000413102_00102_47961_1851.N1 | 02-MAY-2011 23:38:00 | Bright | 40.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 81 | 47961 | No |
| 268 | GOM_NL__2PRFIN20110502_234827_000000433102_00102_47961_1852.N1 | 02-MAY-2011 23:48:27 | Bright | 43.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 86 | 47961 | No |

3. Quality information per product

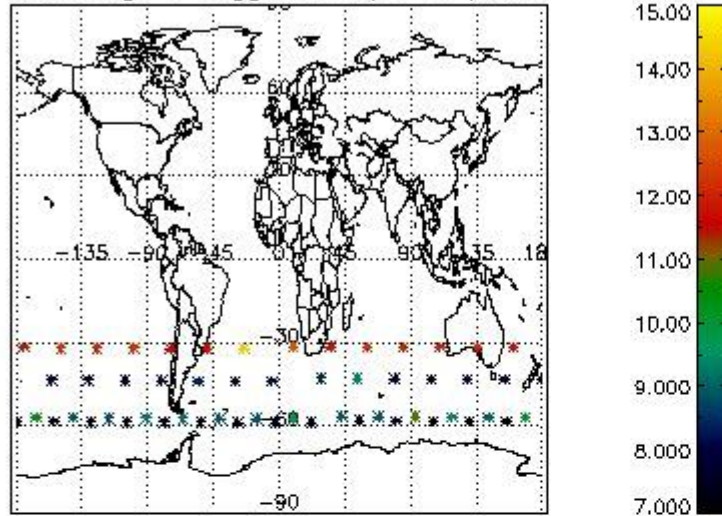
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

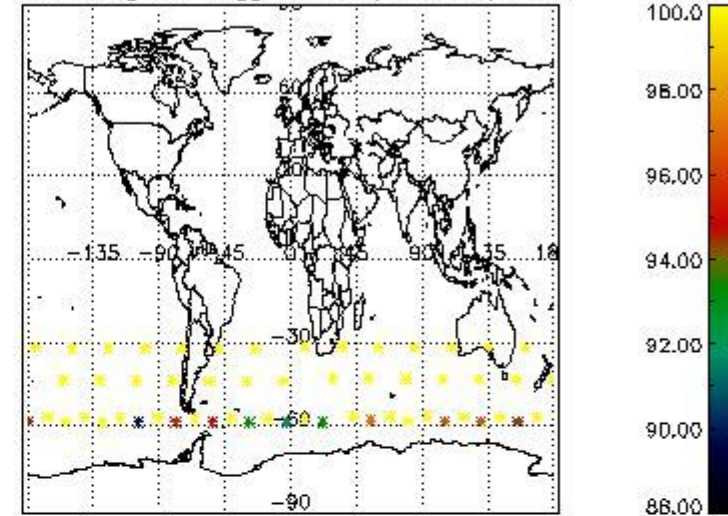


3.2 Plot quality information per product (world map)

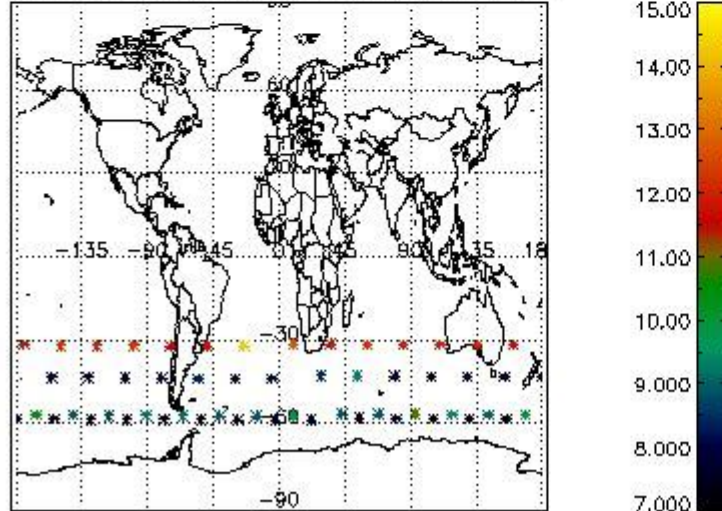
Percentage of flagged data per O3 profile



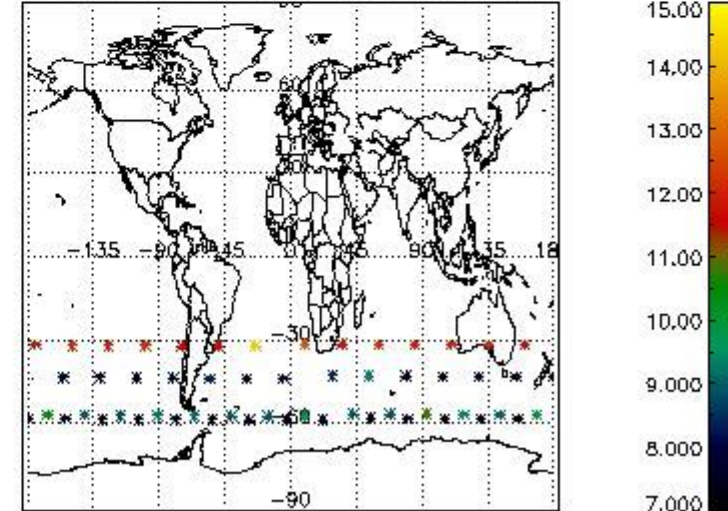
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

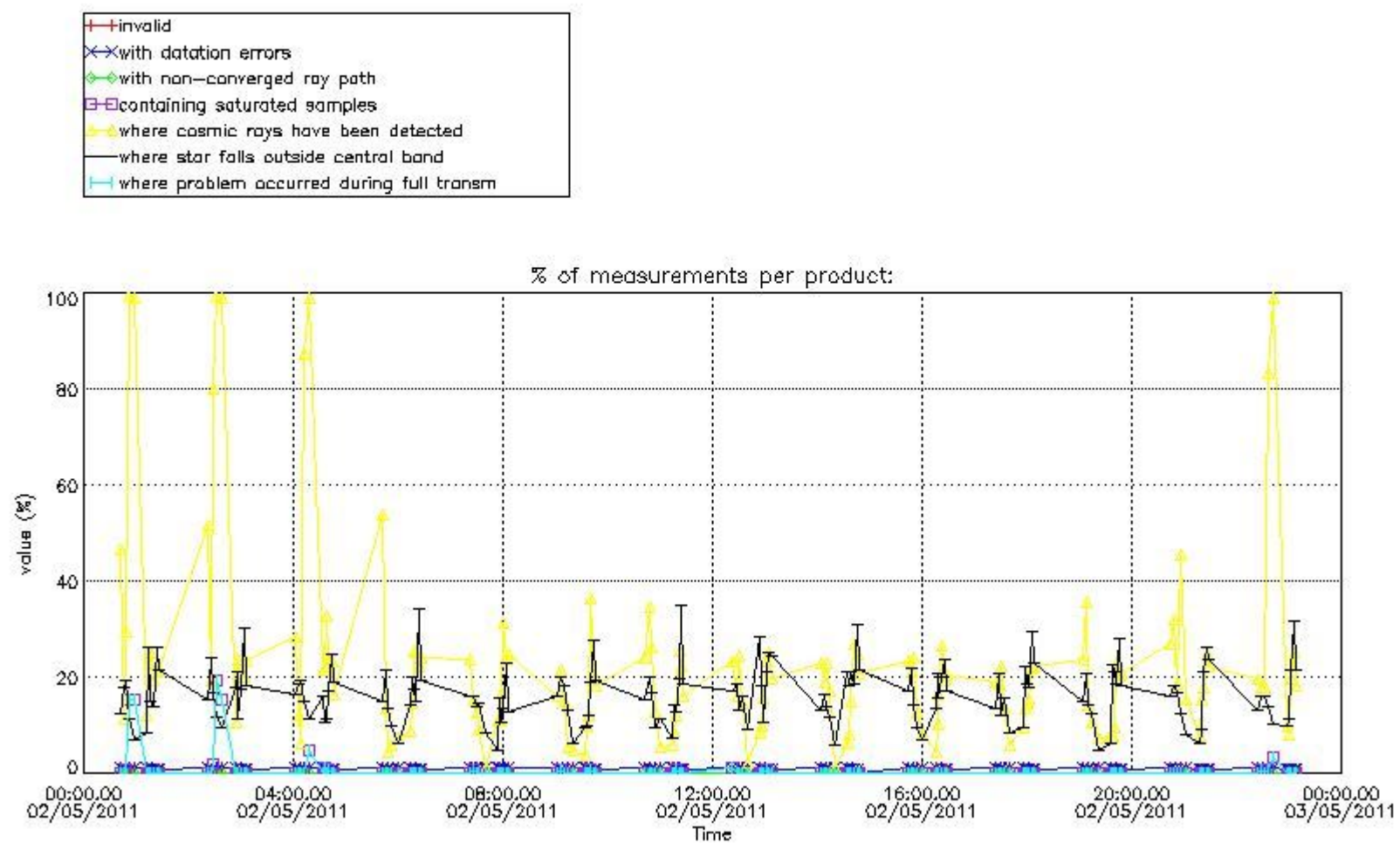


4. Level 1 quality information per product

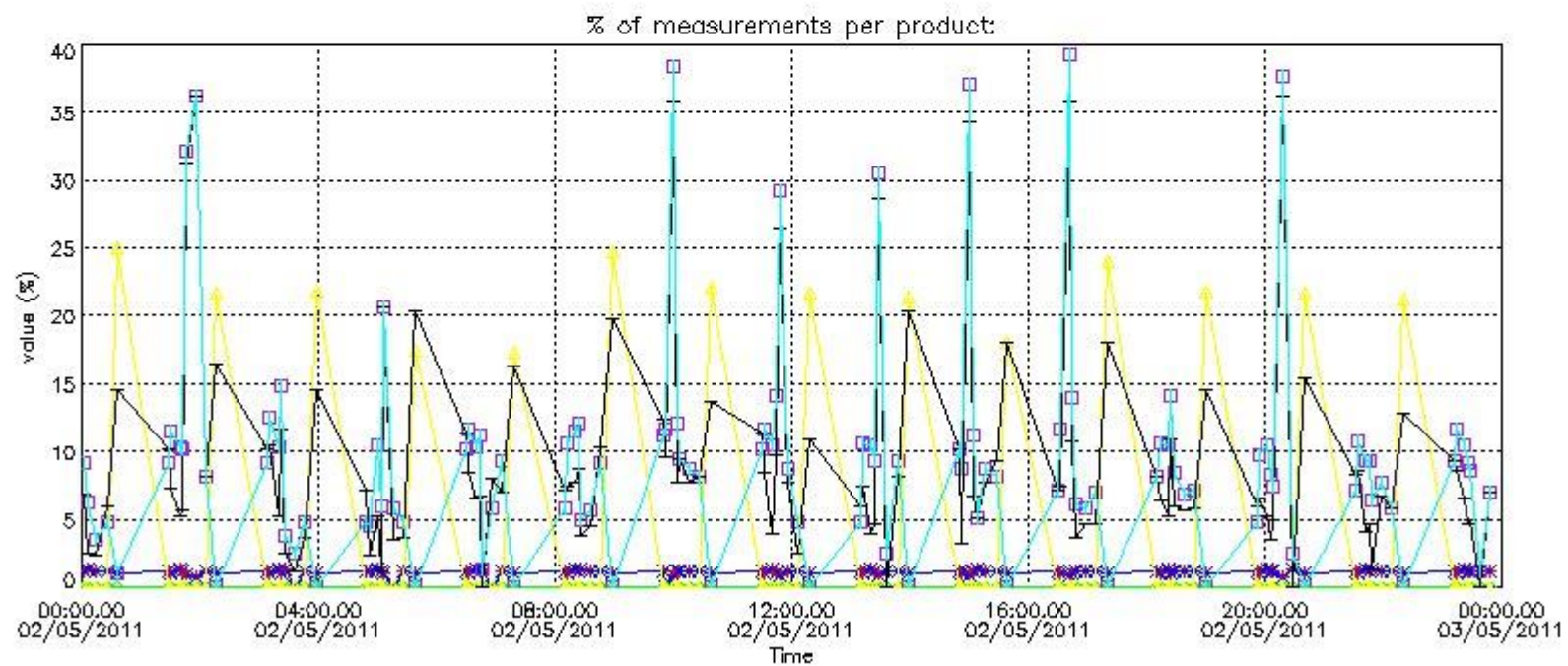
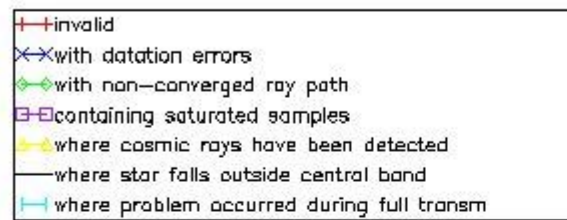
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



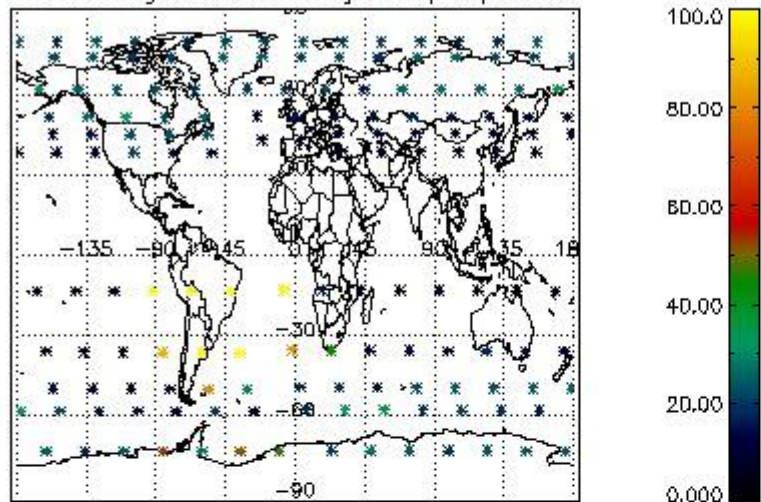
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



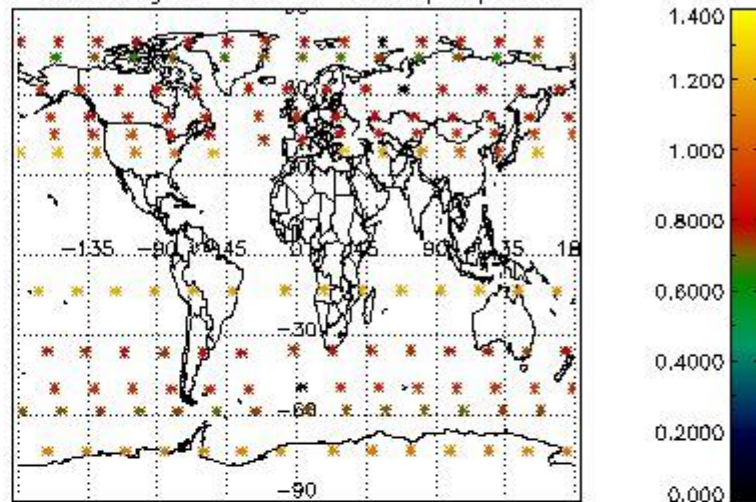
4.2 Plot quality information per product coming from level 1b processing (world map)

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

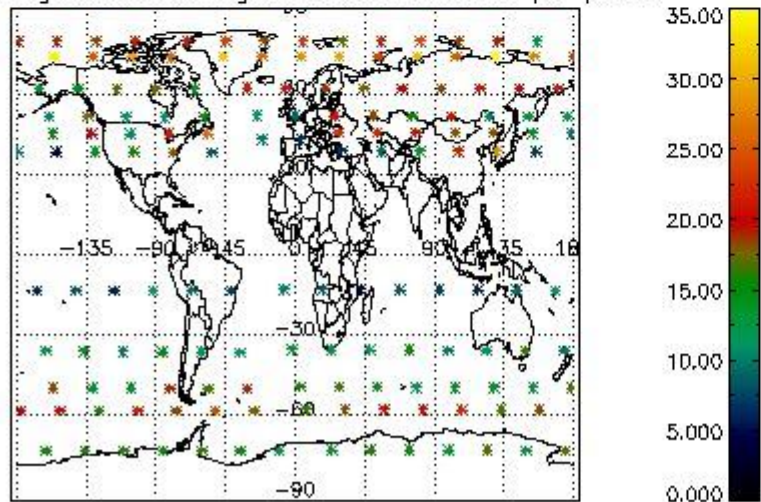
Percentage of cosmic ray hits per profile



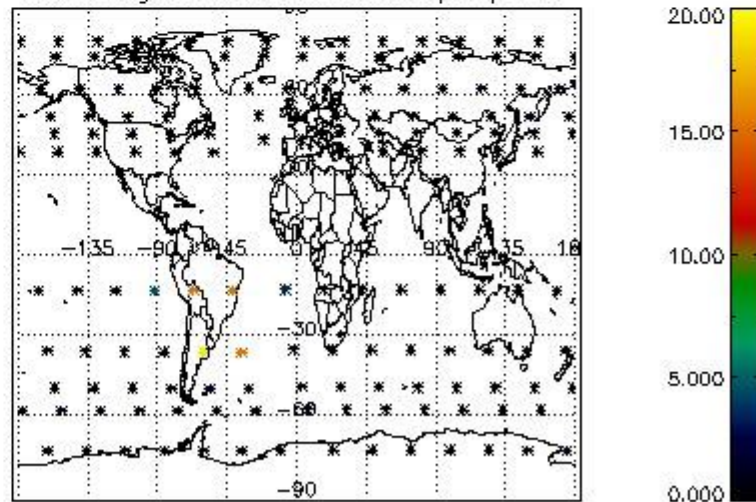
Percentage of datation errors per profile



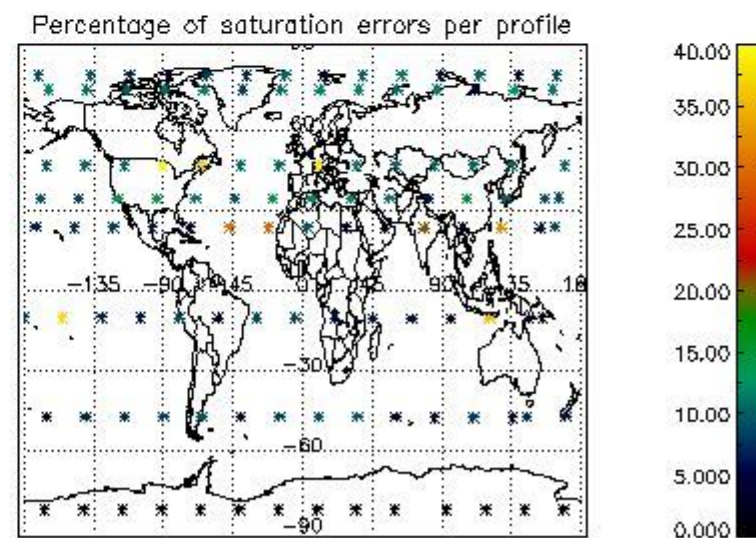
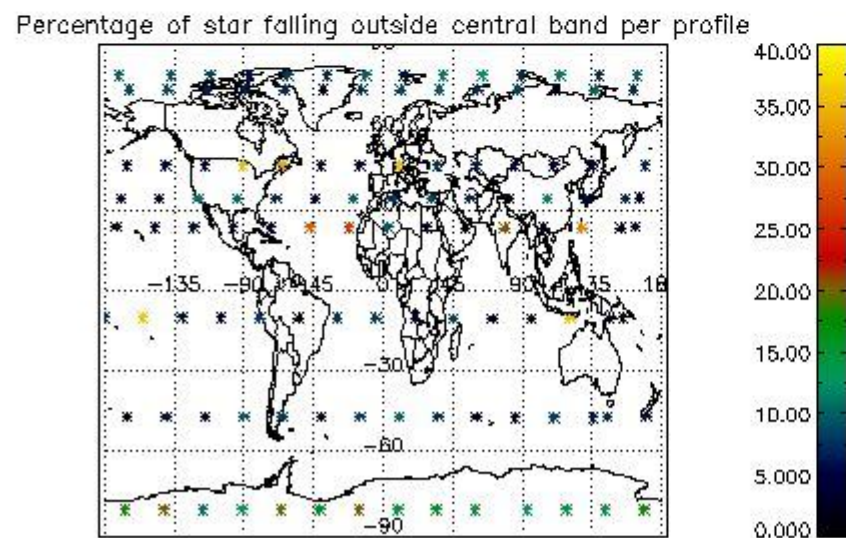
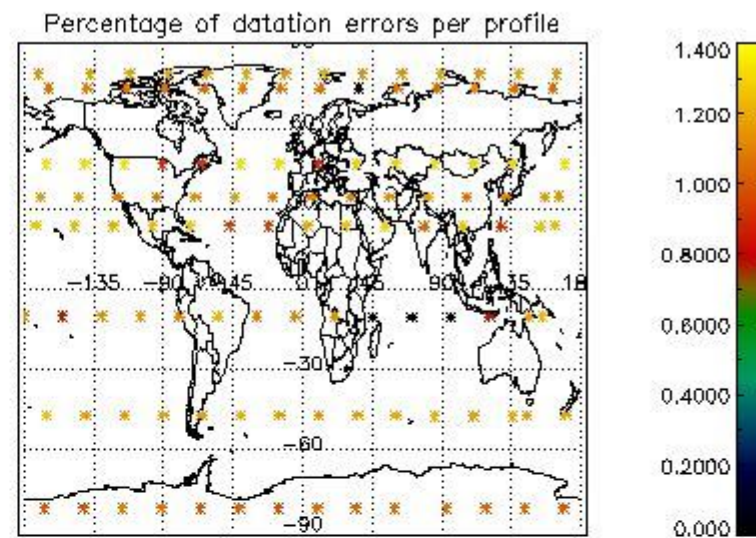
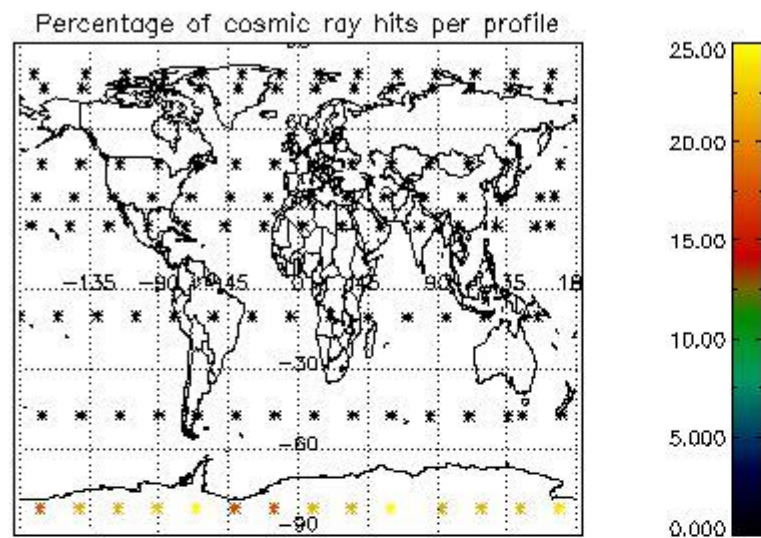
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

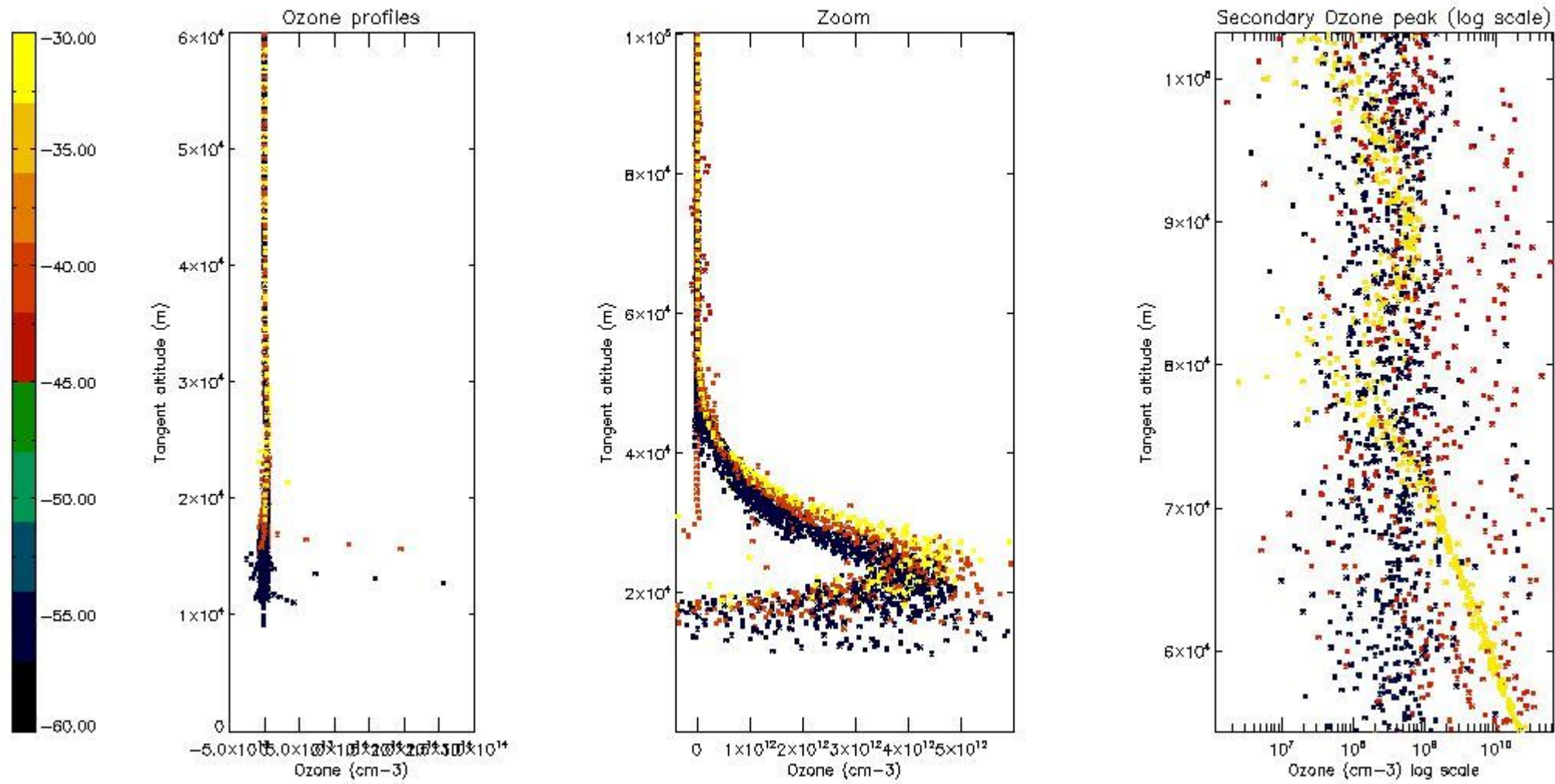
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 24 |
| STD < 20 | 7 |

| | |
|----------|---|
| STD < 10 | 3 |
| STD < 5 | 0 |

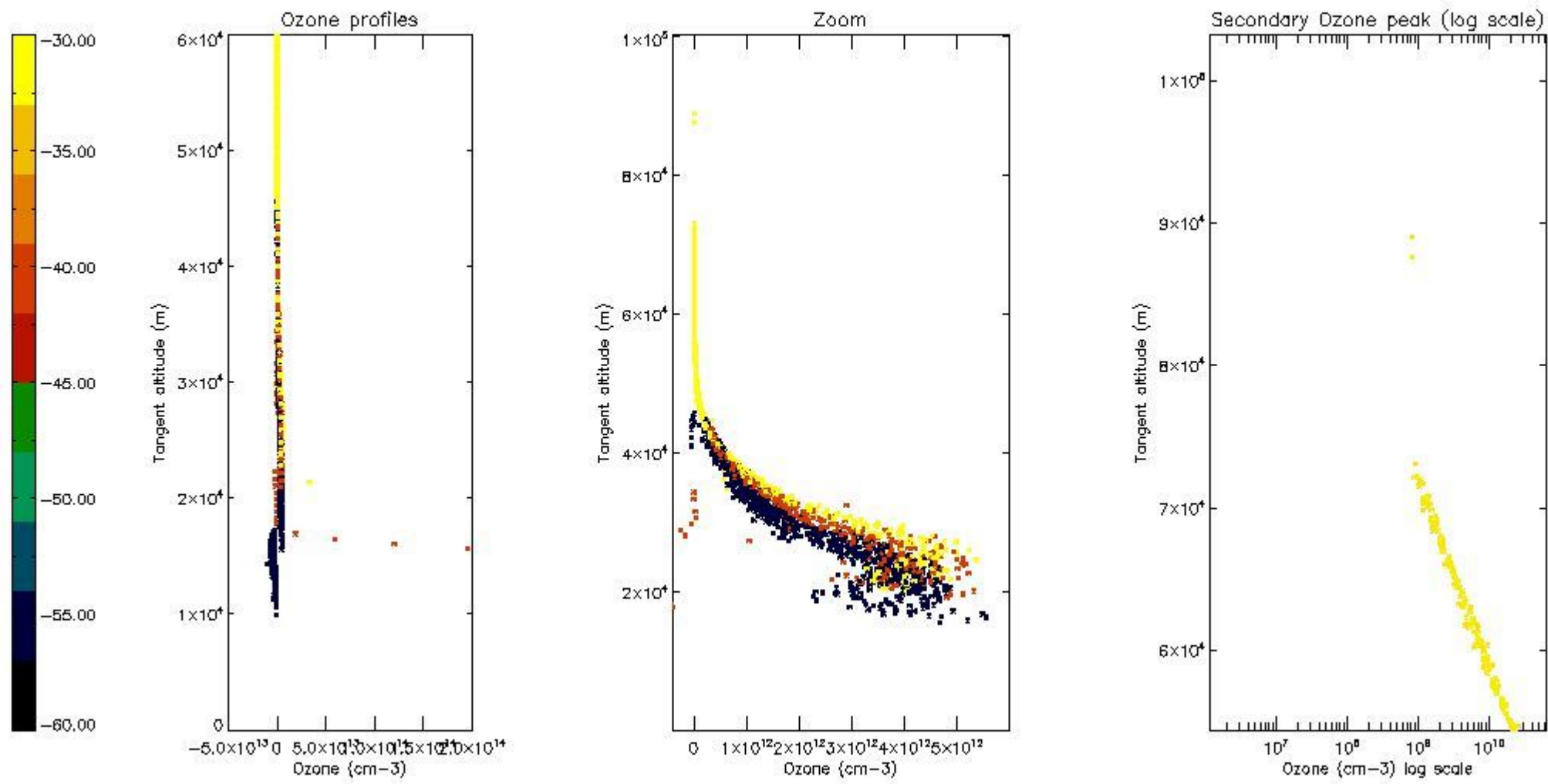
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



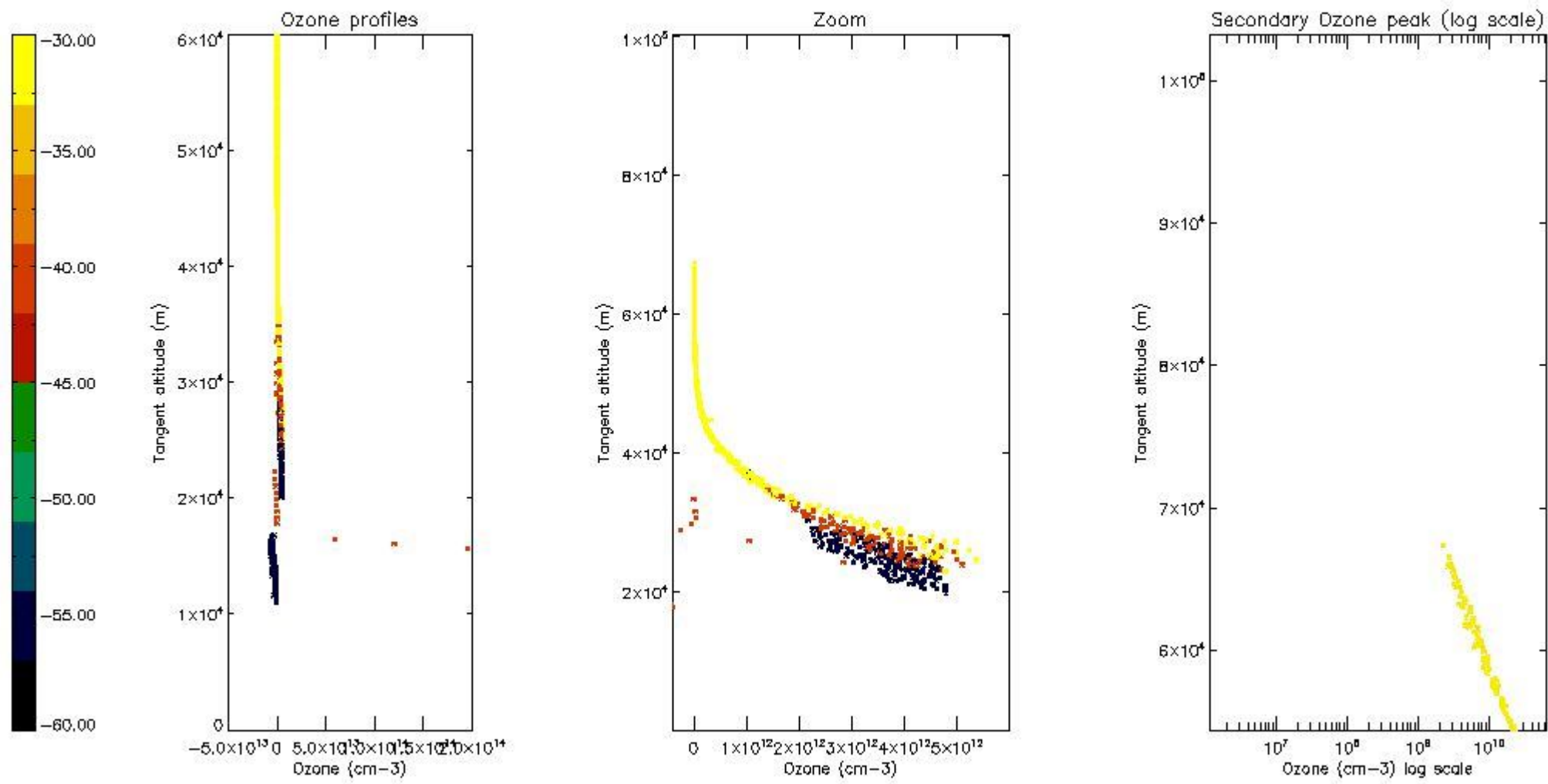
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



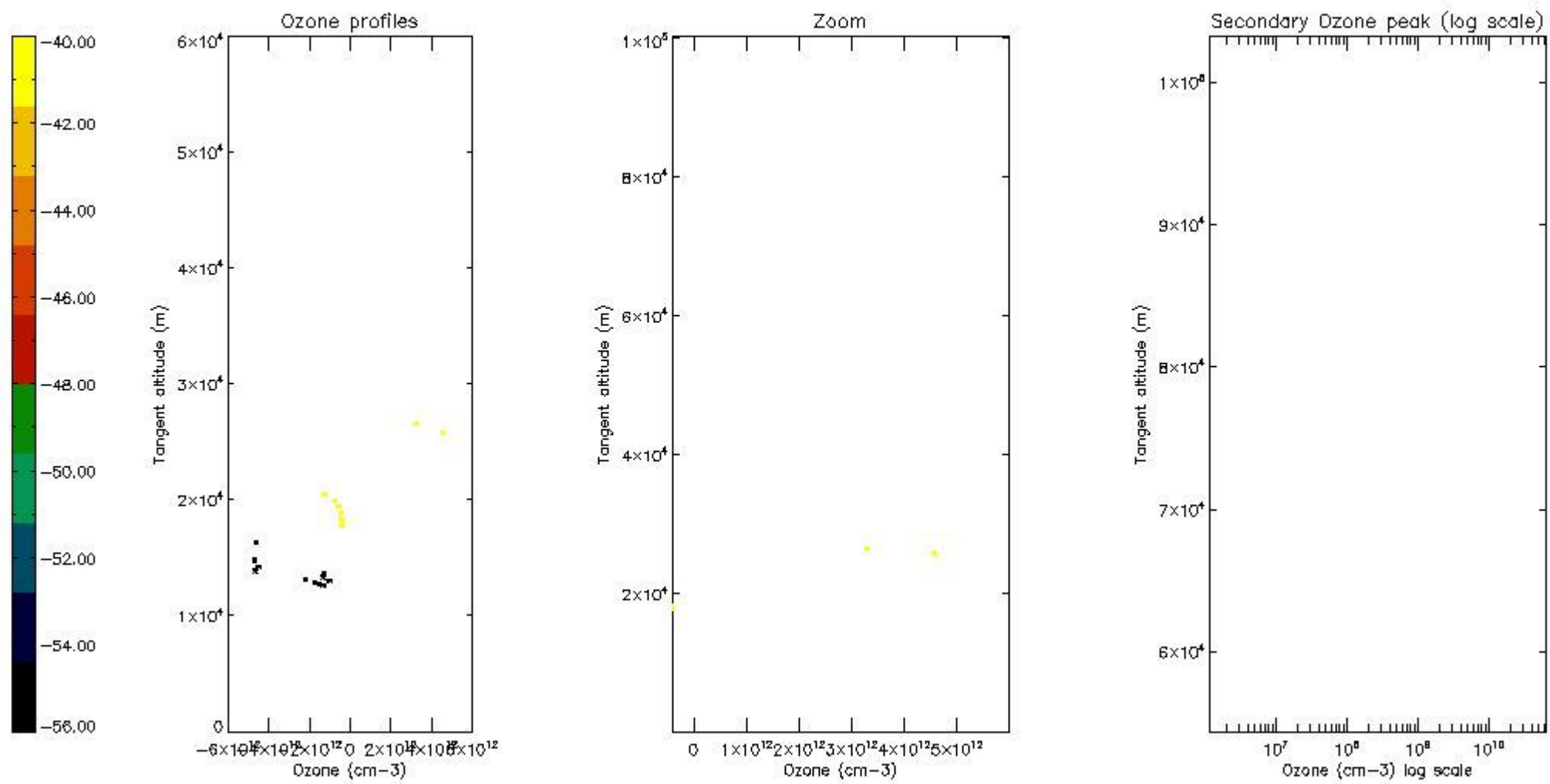
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



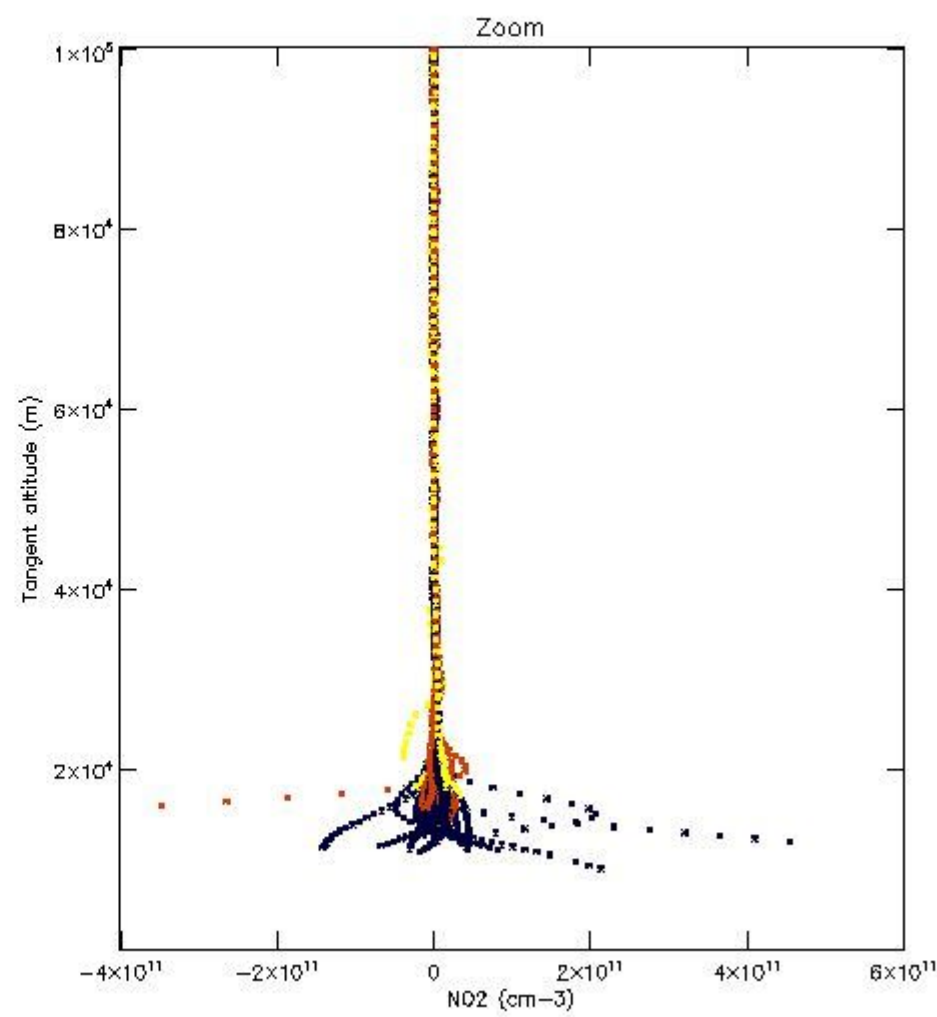
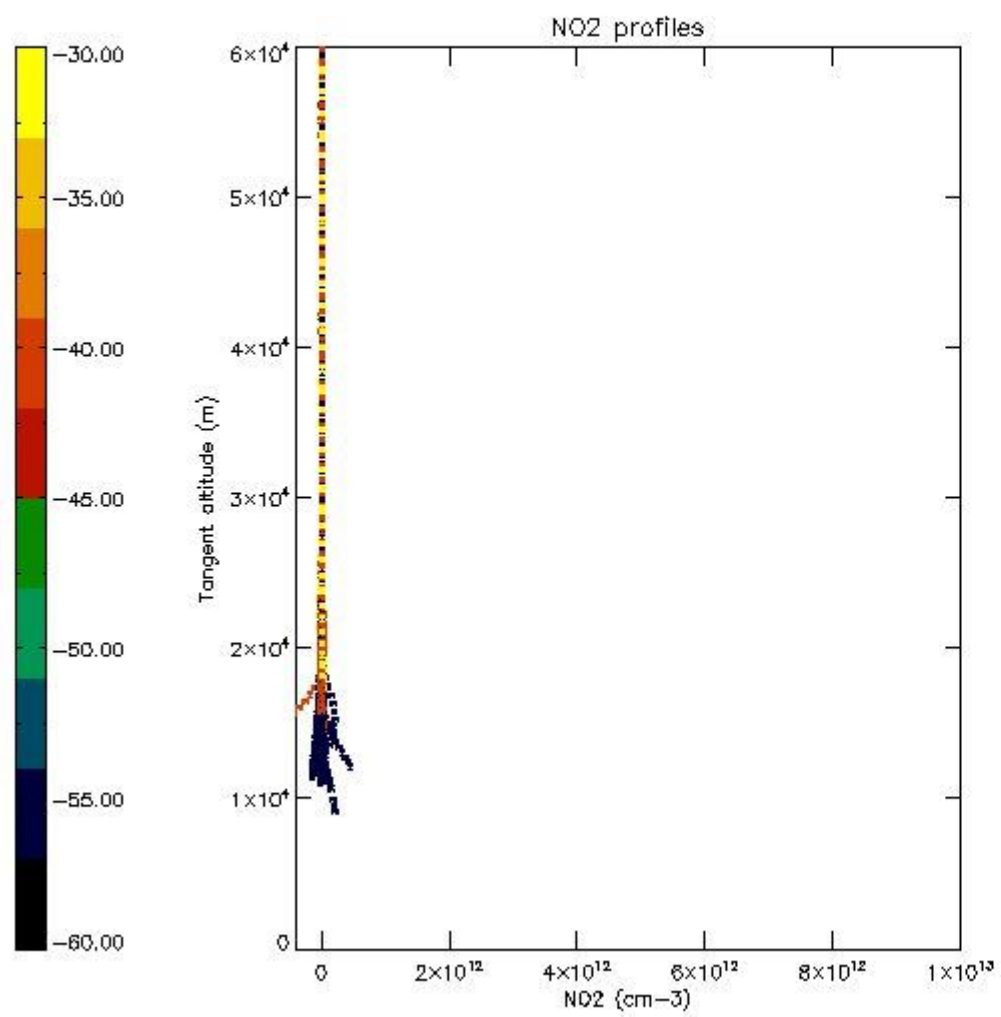
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



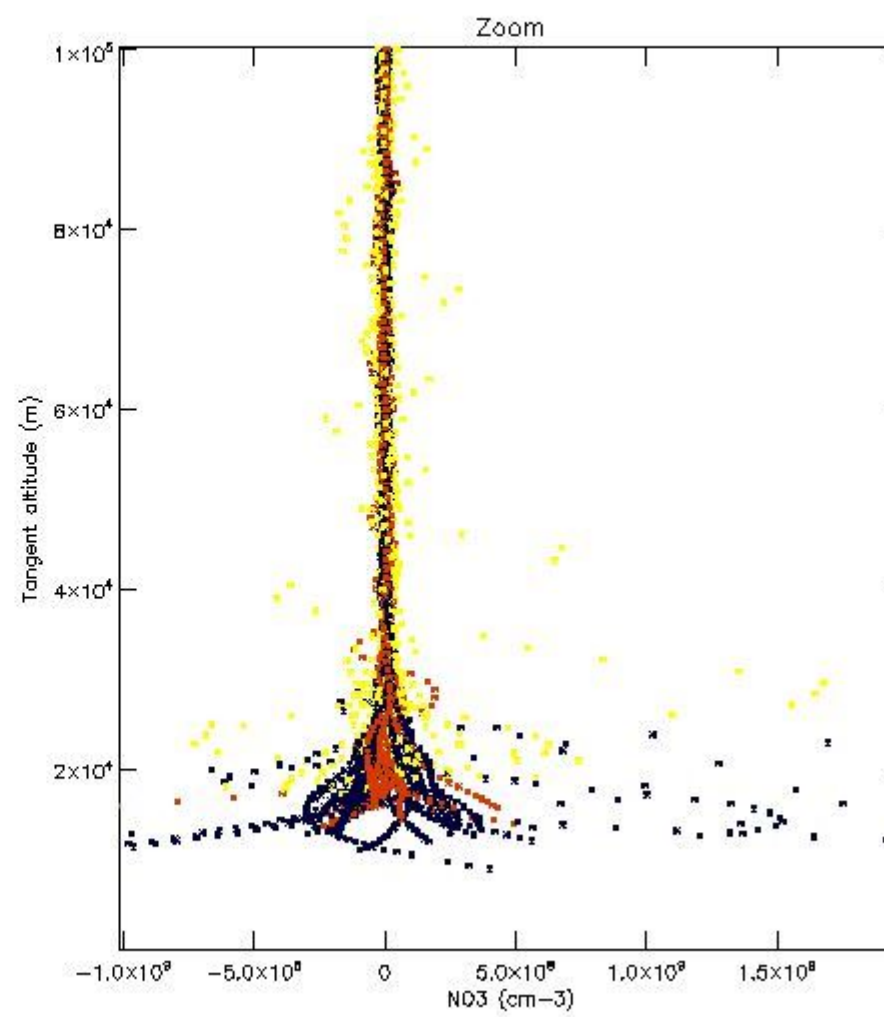
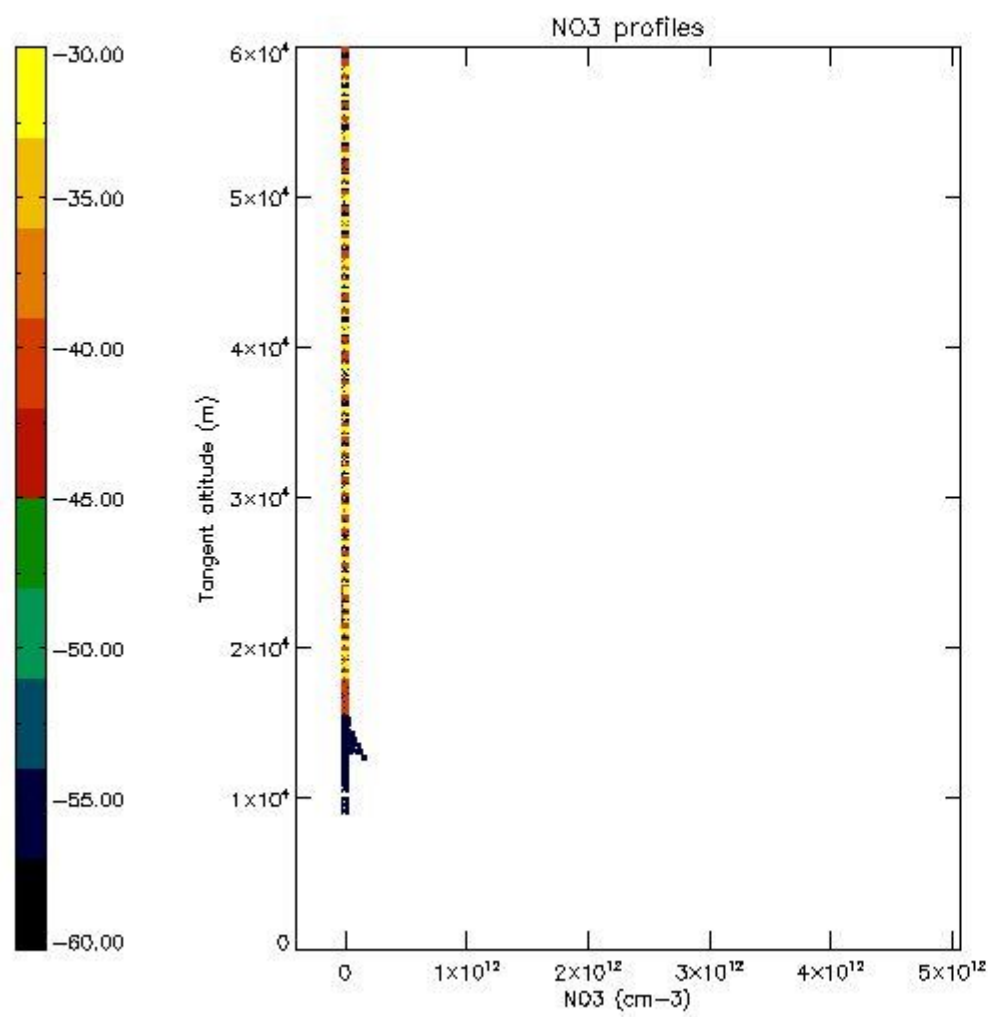
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



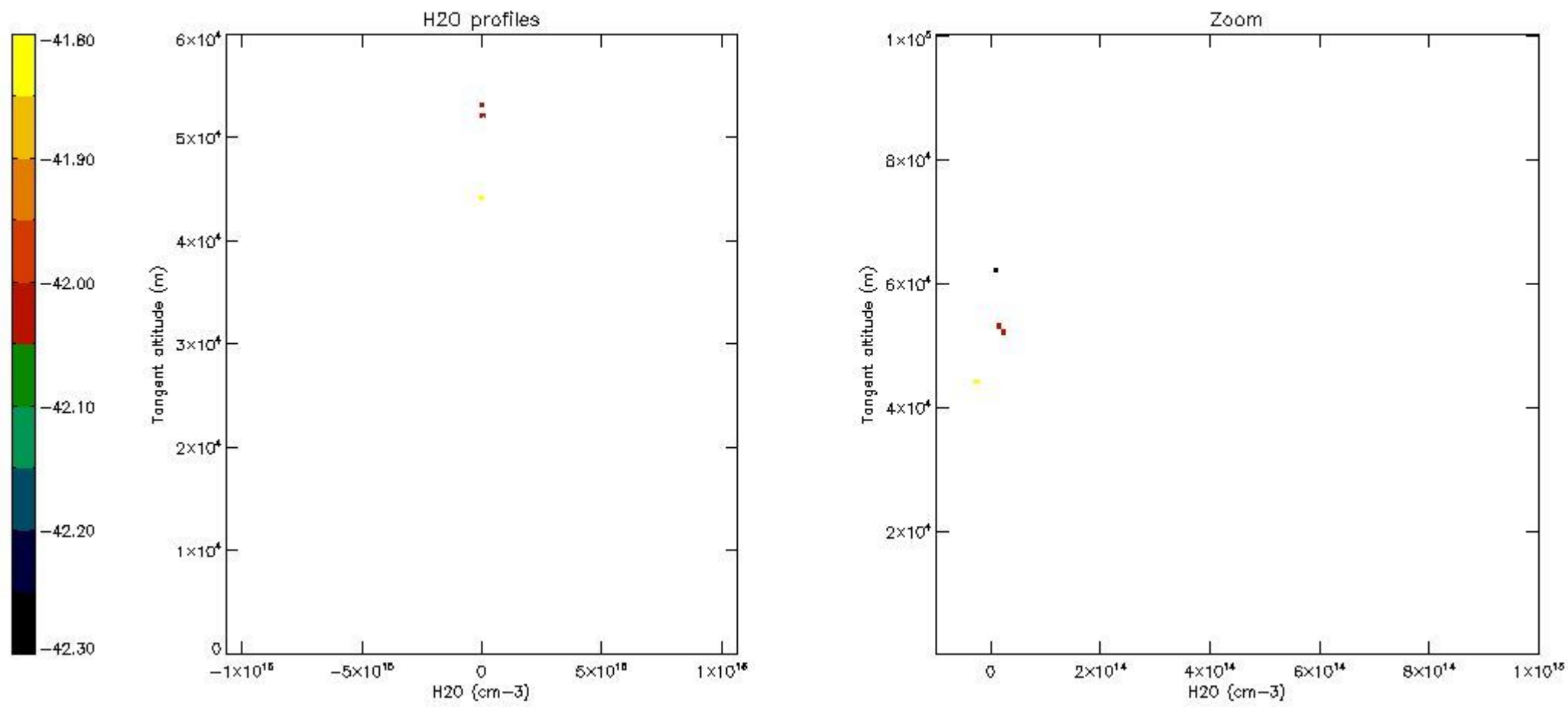
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1 | 02-MAY-2011 00:02:24 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 02-MAY-2011 00:02:24 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 02-MAY-2011 00:02:24 |

GOMOS Level 2 Daily Report

SUMMARY

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

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

| Item | Value |
|---------------------------|---------------------------------|
| Time of report generation | 24APR2013 13:09:53 |
| Data source version | GOMOS/6.01 |
| Start time of products | 02-05-2011 (02MAY2011 00:00:00) |
| Stop time of products | 03-05-2011 (03MAY2011 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 268 |
| 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__2PRFIN20110502_000224_000000443102_00088_47947_1167.N1 | 02-MAY-2011 00:02:24 | Bright | 43.500 | 83 | | 2.3780 | 11000. | 87 | 47947 | No |
| 2 | GOM_NL__2PRFIN20110502_000525_000000403102_00088_47947_1168.N1 | 02-MAY-2011 00:05:25 | Bright | 40.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 80 | 47947 | No |
| 3 | GOM_NL__2PRFIN20110502_001453_000000433102_00088_47947_1169.N1 | 02-MAY-2011 00:14:53 | Bright | 42.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 85 | 47947 | No |
| 4 | GOM_NL__2PRFIN20110502_002516_000000423102_00088_47947_1170.N1 | 02-MAY-2011 00:25:16 | Bright | 42.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 84 | 47947 | No |
| 5 | GOM_NL__2PRFIN20110502_003644_000000483102_00088_47947_1171.N1 | 02-MAY-2011 00:36:44 | Bright | 48.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 96 | 47947 | No |
| 6 | GOM_NL__2PRFIN20110502_004113_000000443102_00088_47947_1172.N1 | 02-MAY-2011 00:41:13 | Twilight | 44.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 88 | 47947 | No |
| 7 | GOM_NL__2PRFIN20110502_004540_000000683102_00088_47947_1173.N1 | 02-MAY-2011 00:45:40 | Dark | 67.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 135 | 47947 | No |
| 8 | GOM_NL__2PRFIN20110502_004806_000000583102_00088_47947_1174.N1 | 02-MAY-2011 00:48:06 | Dark | 57.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 115 | 47947 | No |
| 9 | GOM_NL__2PRFIN20110502_005157_000000633102_00088_47947_1175.N1 | 02-MAY-2011 00:51:57 | Dark | 62.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 125 | 47947 | No |
| 10 | GOM_NL__2PRFIN20110502_005822_000000433102_00088_47947_1176.N1 | 02-MAY-2011 00:58:22 | Dark | 42.500 | 172 | Gam Gru | 3.0030 | 13100. | 85 | 47947 | No |
| 11 | GOM_NL__2PRFIN20110502_011252_000000423102_00089_47948_1227.N1 | 02-MAY-2011 01:12:52 | Straylight | 42.000 | 141 | Bet Ara | 2.8400 | 4600.0 | 84 | 47948 | No |
| 12 | GOM_NL__2PRFIN20110502_011447_000000633102_00089_47948_1228.N1 | 02-MAY-2011 01:14:47 | Straylight | 63.000 | 40 | The Sco | 1.8590 | 7100.0 | 126 | 47948 | No |
| 13 | GOM_NL__2PRFIN20110502_011633_000000603102_00089_47948_1229.N1 | 02-MAY-2011 01:16:33 | Straylight | 60.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 120 | 47948 | No |
| 14 | GOM_NL__2PRFIN20110502_011935_000000583102_00089_47948_1230.N1 | 02-MAY-2011 01:19:35 | Straylight | 57.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 115 | 47948 | No |
| 15 | GOM_NL__2PRFIN20110502_012314_000000713102_00089_47948_1231.N1 | 02-MAY-2011 01:23:14 | Twilight | 71.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 142 | 47948 | No |
| 16 | GOM_NL__2PRFIN20110502_012524_000000633102_00089_47948_1232.N1 | 02-MAY-2011 01:25:24 | Twilight | 62.500 | 80 | 7Del Sco | 2.3160 | 30000. | 125 | 47948 | No |
| 17 | GOM_NL__2PRFIN20110502_012830_000000443102_00089_47948_1233.N1 | 02-MAY-2011 01:28:30 | Bright | 44.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 88 | 47948 | No |
| 18 | GOM_NL__2PRFIN20110502_013043_000000483102_00089_47948_1234.N1 | 02-MAY-2011 01:30:43 | Bright | 48.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 96 | 47948 | No |
| 19 | GOM_NL__2PRFIN20110502_013905_000000393102_00089_47948_1235.N1 | 02-MAY-2011 01:39:05 | Bright | 38.500 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 77 | 47948 | No |
| 20 | GOM_NL__2PRFIN20110502_014238_000000453102_00089_47948_1236.N1 | 02-MAY-2011 01:42:38 | Bright | 44.500 | 83 | | 2.3780 | 11000. | 89 | 47948 | No |
| 21 | GOM_NL__2PRFIN20110502_014539_000000563102_00089_47948_1237.N1 | 02-MAY-2011 01:45:39 | Bright | 56.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 112 | 47948 | No |
| 22 | GOM_NL__2PRFIN20110502_015506_000000653102_00089_47948_1238.N1 | 02-MAY-2011 01:55:06 | Bright | 65.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 130 | 47948 | No |
| 23 | GOM_NL__2PRFIN20110502_020529_000000433102_00089_47948_1239.N1 | 02-MAY-2011 02:05:29 | Bright | 43.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 86 | 47948 | No |
| 24 | GOM_NL__2PRFIN20110502_021658_000000493102_00089_47948_1240.N1 | 02-MAY-2011 02:16:58 | Bright | 48.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 97 | 47948 | No |
| 25 | GOM_NL__2PRFIN20110502_022127_000000463102_00089_47948_1241.N1 | 02-MAY-2011 02:21:27 | Twilight | 45.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 91 | 47948 | No |
| 26 | GOM_NL__2PRFIN20110502_022555_000000733102_00089_47948_1242.N1 | 02-MAY-2011 02:25:55 | Dark | 73.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 146 | 47948 | No |
| 27 | GOM_NL__2PRFIN20110502_022820_000000573102_00089_47948_1243.N1 | 02-MAY-2011 02:28:20 | Dark | 57.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 114 | 47948 | No |
| 28 | GOM_NL__2PRFIN20110502_023212_000000653102_00089_47948_1244.N1 | 02-MAY-2011 02:32:12 | Dark | 64.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 129 | 47948 | No |
| 29 | GOM_NL__2PRFIN20110502_023837_000000433102_00089_47948_1245.N1 | 02-MAY-2011 02:38:37 | Dark | 43.000 | 172 | Gam Gru | 3.0030 | 13100. | 86 | 47948 | No |
| 30 | GOM_NL__2PRFIN20110502_025306_000000483102_00090_47949_1216.N1 | 02-MAY-2011 02:53:06 | Straylight | 47.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 95 | 47949 | No |
| 31 | GOM_NL__2PRFIN20110502_025502_000000593102_00090_47949_1217.N1 | 02-MAY-2011 02:55:02 | Straylight | 59.000 | 40 | The Sco | 1.8590 | 7100.0 | 118 | 47949 | No |
| 32 | GOM_NL__2PRFIN20110502_025648_000000583102_00090_47949_1218.N1 | 02-MAY-2011 02:56:48 | Straylight | 58.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 116 | 47949 | No |
| 33 | GOM_NL__2PRFIN20110502_025949_000000603102_00090_47949_1219.N1 | 02-MAY-2011 02:59:49 | Straylight | 60.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 120 | 47949 | No |
| 34 | GOM_NL__2PRFIN20110502_030329_000000753102_00090_47949_1220.N1 | 02-MAY-2011 03:03:29 | Twilight | 75.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 150 | 47949 | No |
| 35 | GOM_NL__2PRFIN20110502_030539_000000603102_00090_47949_1221.N1 | 02-MAY-2011 03:05:39 | Twilight | 60.000 | 80 | 7Del Sco | 2.3160 | 30000. | 120 | 47949 | No |
| 36 | GOM_NL__2PRFIN20110502_030844_000000443102_00090_47949_1222.N1 | 02-MAY-2011 03:08:44 | Bright | 44.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 88 | 47949 | No |
| 37 | GOM_NL__2PRFIN20110502_031057_000000483102_00090_47949_1223.N1 | 02-MAY-2011 03:10:57 | Bright | 48.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 96 | 47949 | No |
| 38 | GOM_NL__2PRFIN20110502_031918_000000393102_00090_47949_1224.N1 | 02-MAY-2011 03:19:18 | Bright | 38.500 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 77 | 47949 | No |
| 39 | GOM_NL__2PRFIN20110502_032251_000000473102_00090_47949_1225.N1 | 02-MAY-2011 03:22:51 | Bright | 47.000 | 83 | | 2.3780 | 11000. | 94 | 47949 | No |
| 40 | GOM_NL__2PRFIN20110502_032552_000000403102_00090_47949_1226.N1 | 02-MAY-2011 03:25:52 | Bright | 39.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 79 | 47949 | No |
| 41 | GOM_NL__2PRFIN20110502_033520_000000423102_00090_47949_1227.N1 | 02-MAY-2011 03:35:20 | Bright | 41.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 83 | 47949 | No |
| 42 | GOM_NL__2PRFIN20110502_034543_000000423102_00090_47949_1228.N1 | 02-MAY-2011 03:45:43 | Bright | 41.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 83 | 47949 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|--------|--------|-----|-------|----|
| 43 | GOM_NL__2PRFIN20110502_035712_000000483102_00090_47949_1229.N1 | 02-MAY-2011 03:57:12 | Bright | 48.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 96 | 47949 | No |
| 44 | GOM_NL__2PRFIN20110502_040141_000000463102_00090_47949_1230.N1 | 02-MAY-2011 04:01:41 | Twilight | 46.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 92 | 47949 | No |
| 45 | GOM_NL__2PRFIN20110502_040610_000000683102_00090_47949_1231.N1 | 02-MAY-2011 04:06:10 | Dark | 67.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 135 | 47949 | No |
| 46 | GOM_NL__2PRFIN20110502_040835_000000573102_00090_47949_1232.N1 | 02-MAY-2011 04:08:35 | Dark | 57.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 114 | 47949 | No |
| 47 | GOM_NL__2PRFIN20110502_041227_000000673102_00090_47949_1233.N1 | 02-MAY-2011 04:12:27 | Dark | 66.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 133 | 47949 | No |
| 48 | GOM_NL__2PRFIN20110502_041852_000000443102_00090_47949_1234.N1 | 02-MAY-2011 04:18:52 | Dark | 44.000 | 172 | Gam Gru | 3.0030 | 13100. | 88 | 47949 | No |
| 49 | GOM_NL__2PRFIN20110502_043321_000000473102_00091_47950_1232.N1 | 02-MAY-2011 04:33:21 | Straylight | 46.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 93 | 47950 | No |
| 50 | GOM_NL__2PRFIN20110502_043517_000000523102_00091_47950_1233.N1 | 02-MAY-2011 04:35:17 | Straylight | 51.500 | 40 | The Sco | 1.8590 | 7100.0 | 103 | 47950 | No |
| 51 | GOM_NL__2PRFIN20110502_043703_000000583102_00091_47950_1234.N1 | 02-MAY-2011 04:37:03 | Straylight | 58.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 116 | 47950 | No |
| 52 | GOM_NL__2PRFIN20110502_044004_000000593102_00091_47950_1235.N1 | 02-MAY-2011 04:40:04 | Straylight | 59.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 118 | 47950 | No |
| 53 | GOM_NL__2PRFIN20110502_044343_000000693102_00091_47950_1236.N1 | 02-MAY-2011 04:43:43 | Tw_i_and_stray | 68.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 137 | 47950 | No |
| 54 | GOM_NL__2PRFIN20110502_044553_000000613102_00091_47950_1237.N1 | 02-MAY-2011 04:45:53 | Tw_i_and_stray | 60.500 | 80 | 7Del Sco | 2.3160 | 30000. | 121 | 47950 | No |
| 55 | GOM_NL__2PRFIN20110502_044858_000000423102_00091_47950_1238.N1 | 02-MAY-2011 04:48:58 | Bright | 42.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 84 | 47950 | No |
| 56 | GOM_NL__2PRFIN20110502_045111_000000443102_00091_47950_1239.N1 | 02-MAY-2011 04:51:11 | Bright | 44.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 88 | 47950 | No |
| 57 | GOM_NL__2PRFIN20110502_045933_000000383102_00091_47950_1240.N1 | 02-MAY-2011 04:59:33 | Bright | 38.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 76 | 47950 | No |
| 58 | GOM_NL__2PRFIN20110502_050305_000000423102_00091_47950_1241.N1 | 02-MAY-2011 05:03:05 | Bright | 42.000 | 83 | | 2.3780 | 11000. | 84 | 47950 | No |
| 59 | GOM_NL__2PRFIN20110502_050606_000000493102_00091_47950_1242.N1 | 02-MAY-2011 05:06:06 | Bright | 48.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 97 | 47950 | No |
| 60 | GOM_NL__2PRFIN20110502_051533_000000443102_00091_47950_1243.N1 | 02-MAY-2011 05:15:33 | Bright | 43.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 87 | 47950 | No |
| 61 | GOM_NL__2PRFIN20110502_052557_000000423102_00091_47950_1244.N1 | 02-MAY-2011 05:25:57 | Bright | 41.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 83 | 47950 | No |
| 62 | GOM_NL__2PRFIN20110502_053727_000000523102_00091_47950_1245.N1 | 02-MAY-2011 05:37:27 | Bright | 51.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 103 | 47950 | No |
| 63 | GOM_NL__2PRFIN20110502_054156_000000473102_00091_47950_1246.N1 | 02-MAY-2011 05:41:56 | Twilight | 46.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 93 | 47950 | No |
| 64 | GOM_NL__2PRFIN20110502_054625_000000703102_00091_47950_1247.N1 | 02-MAY-2011 05:46:25 | Dark | 70.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 140 | 47950 | No |
| 65 | GOM_NL__2PRFIN20110502_054850_000000563102_00091_47950_1248.N1 | 02-MAY-2011 05:48:50 | Dark | 55.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 111 | 47950 | No |
| 66 | GOM_NL__2PRFIN20110502_055243_000000623102_00091_47950_1249.N1 | 02-MAY-2011 05:52:43 | Dark | 62.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 124 | 47950 | No |
| 67 | GOM_NL__2PRFIN20110502_055907_000000423102_00091_47950_1250.N1 | 02-MAY-2011 05:59:07 | Dark | 41.500 | 172 | Gam Gru | 3.0030 | 13100. | 83 | 47950 | No |
| 68 | GOM_NL__2PRFIN20110502_061335_000000463102_00092_47951_1262.N1 | 02-MAY-2011 06:13:35 | Straylight | 45.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 91 | 47951 | No |
| 69 | GOM_NL__2PRFIN20110502_061532_000000583102_00092_47951_1263.N1 | 02-MAY-2011 06:15:32 | Straylight | 58.000 | 40 | The Sco | 1.8590 | 7100.0 | 116 | 47951 | No |
| 70 | GOM_NL__2PRFIN20110502_061718_000000633102_00092_47951_1264.N1 | 02-MAY-2011 06:17:18 | Straylight | 62.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 125 | 47951 | No |
| 71 | GOM_NL__2PRFIN20110502_062019_000000583102_00092_47951_1265.N1 | 02-MAY-2011 06:20:19 | Straylight | 57.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 115 | 47951 | No |
| 72 | GOM_NL__2PRFIN20110502_062357_000000793102_00092_47951_1266.N1 | 02-MAY-2011 06:23:57 | Tw_i_and_stray | 79.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 158 | 47951 | No |
| 73 | GOM_NL__2PRFIN20110502_062607_000000603102_00092_47951_1267.N1 | 02-MAY-2011 06:26:07 | Tw_i_and_stray | 60.000 | 80 | 7Del Sco | 2.3160 | 30000. | 120 | 47951 | No |
| 74 | GOM_NL__2PRFIN20110502_062913_000000443102_00092_47951_1268.N1 | 02-MAY-2011 06:29:13 | Bright | 44.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 88 | 47951 | No |
| 75 | GOM_NL__2PRFIN20110502_063125_000000483102_00092_47951_1269.N1 | 02-MAY-2011 06:31:25 | Bright | 47.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 95 | 47951 | No |
| 76 | GOM_NL__2PRFIN20110502_063946_000000393102_00092_47951_1270.N1 | 02-MAY-2011 06:39:46 | Bright | 38.500 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 77 | 47951 | No |
| 77 | GOM_NL__2PRFIN20110502_064318_000000453102_00092_47951_1271.N1 | 02-MAY-2011 06:43:18 | Bright | 44.500 | 83 | | 2.3780 | 11000. | 89 | 47951 | No |
| 78 | GOM_NL__2PRFIN20110502_064620_000000393102_00092_47951_1272.N1 | 02-MAY-2011 06:46:20 | Bright | 38.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 77 | 47951 | No |
| 79 | GOM_NL__2PRFIN20110502_065547_000000443102_00092_47951_1273.N1 | 02-MAY-2011 06:55:47 | Bright | 43.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 87 | 47951 | No |
| 80 | GOM_NL__2PRFIN20110502_070610_000000433102_00092_47951_1274.N1 | 02-MAY-2011 07:06:10 | Bright | 43.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 86 | 47951 | No |
| 81 | GOM_NL__2PRFIN20110502_071741_000000493102_00092_47951_1275.N1 | 02-MAY-2011 07:17:41 | Bright | 49.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 98 | 47951 | No |
| 82 | GOM_NL__2PRFIN20110502_072210_000000473102_00092_47951_1276.N1 | 02-MAY-2011 07:22:10 | Twilight | 46.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 93 | 47951 | No |
| 83 | GOM_NL__2PRFIN20110502_072639_000000663102_00092_47951_1277.N1 | 02-MAY-2011 07:26:39 | Dark | 66.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 132 | 47951 | No |
| 84 | GOM_NL__2PRFIN20110502_072905_000000553102_00092_47951_1278.N1 | 02-MAY-2011 07:29:05 | Dark | 55.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 110 | 47951 | No |
| 85 | GOM_NL__2PRFIN20110502_073258_000000663102_00092_47951_1279.N1 | 02-MAY-2011 07:32:58 | Dark | 66.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 132 | 47951 | No |
| 86 | GOM_NL__2PRFIN20110502_073922_000000433102_00092_47951_1280.N1 | 02-MAY-2011 07:39:22 | Dark | 42.500 | 172 | Gam Gru | 3.0030 | 13100. | 85 | 47951 | No |
| 87 | GOM_NL__2PRFIN20110502_075350_000000413102_00093_47952_1275.N1 | 02-MAY-2011 07:53:50 | Straylight | 41.000 | 141 | Bet Ara | 2.8400 | 4600.0 | 82 | 47952 | No |
| 88 | GOM_NL__2PRFIN20110502_075547_000000553102_00093_47952_1276.N1 | 02-MAY-2011 07:55:47 | Straylight | 55.000 | 40 | The Sco | 1.8590 | 7100.0 | 110 | 47952 | No |
| 89 | GOM_NL__2PRFIN20110502_075733_000000573102_00093_47952_1277.N1 | 02-MAY-2011 07:57:33 | Straylight | 57.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 114 | 47952 | No |
| 90 | GOM_NL__2PRFIN20110502_080034_000000563102_00093_47952_1278.N1 | 02-MAY-2011 08:00:34 | Straylight | 56.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 112 | 47952 | No |
| 91 | GOM_NL__2PRFIN20110502_080412_000000683102_00093_47952_1279.N1 | 02-MAY-2011 08:04:12 | Tw_i_and_stray | 67.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 135 | 47952 | No |
| 92 | GOM_NL__2PRFIN20110502_080622_000000553102_00093_47952_1280.N1 | 02-MAY-2011 08:06:22 | Tw_i_and_stray | 55.000 | 80 | 7Del Sco | 2.3160 | 30000. | 110 | 47952 | No |
| 93 | GOM_NL__2PRFIN20110502_080927_000000433102_00093_47952_1281.N1 | 02-MAY-2011 08:09:27 | Bright | 42.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 85 | 47952 | No |
| 94 | GOM_NL__2PRFIN20110502_081139_000000473102_00093_47952_1282.N1 | 02-MAY-2011 08:11:39 | Bright | 47.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 94 | 47952 | No |
| 95 | GOM_NL__2PRFIN20110502_082000_000000393102_00093_47952_1283.N1 | 02-MAY-2011 08:20:00 | Bright | 39.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 78 | 47952 | No |
| 96 | GOM_NL__2PRFIN20110502_082332_000000463102_00093_47952_1284.N1 | 02-MAY-2011 08:23:32 | Bright | 45.500 | 83 | | 2.3780 | 11000. | 91 | 47952 | No |
| 97 | GOM_NL__2PRFIN20110502_082633_000000403102_00093_47952_1285.N1 | 02-MAY-2011 08:26:33 | Bright | 40.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 80 | 47952 | No |
| 98 | GOM_NL__2PRFIN20110502_083600_000000443102_00093_47952_1286.N1 | 02-MAY-2011 08:36:00 | Bright | 44.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 88 | 47952 | No |
| 99 | GOM_NL__2PRFIN20110502_084624_000000443102_00093_47952_1287.N1 | 02-MAY-2011 08:46:24 | Bright | 43.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 87 | 47952 | No |
| 100 | GOM_NL__2PRFIN20110502_085755_000000513102_00093_47952_1288.N1 | 02-MAY-2011 08:57:55 | Bright | 50.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 101 | 47952 | No |
| 101 | GOM_NL__2PRFIN20110502_090224_000000473102_00093_47952_1289.N1 | 02-MAY-2011 09:02:24 | Twilight | 46.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 93 | 47952 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|--------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20110502_090654_000000703102_00093_47952_1290.N1 | 02-MAY-2011 09:06:54 | Dark | 69.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 139 | 47952 | No |
| 103 | GOM_NL__2PRFIN20110502_090920_000000583102_00093_47952_1291.N1 | 02-MAY-2011 09:09:20 | Dark | 57.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 115 | 47952 | No |
| 104 | GOM_NL__2PRFIN20110502_091313_000000653102_00093_47952_1292.N1 | 02-MAY-2011 09:13:13 | Dark | 65.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 130 | 47952 | No |
| 105 | GOM_NL__2PRFIN20110502_091936_000000423102_00093_47952_1293.N1 | 02-MAY-2011 09:19:36 | Dark | 41.500 | 172 | Gam Gru | 3.0030 | 13100. | 83 | 47952 | No |
| 106 | GOM_NL__2PRFIN20110502_093405_000000423102_00094_47953_1490.N1 | 02-MAY-2011 09:34:05 | Straylight | 42.000 | 141 | Bet Ara | 2.8400 | 4600.0 | 84 | 47953 | No |
| 107 | GOM_NL__2PRFIN20110502_093602_000000523102_00094_47953_1491.N1 | 02-MAY-2011 09:36:02 | Straylight | 51.500 | 40 | The Sco | 1.8590 | 7100.0 | 103 | 47953 | No |
| 108 | GOM_NL__2PRFIN20110502_093748_000000593102_00094_47953_1492.N1 | 02-MAY-2011 09:37:48 | Straylight | 58.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 117 | 47953 | No |
| 109 | GOM_NL__2PRFIN20110502_094048_000000613102_00094_47953_1493.N1 | 02-MAY-2011 09:40:48 | Straylight | 60.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 121 | 47953 | No |
| 110 | GOM_NL__2PRFIN20110502_094426_000000713102_00094_47953_1494.N1 | 02-MAY-2011 09:44:26 | Twilight | 71.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 142 | 47953 | No |
| 111 | GOM_NL__2PRFIN20110502_094636_000000603102_00094_47953_1495.N1 | 02-MAY-2011 09:46:36 | Twilight | 60.000 | 80 | 7Del Sco | 2.3160 | 30000. | 120 | 47953 | No |
| 112 | GOM_NL__2PRFIN20110502_094941_000000453102_00094_47953_1496.N1 | 02-MAY-2011 09:49:41 | Bright | 44.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 89 | 47953 | No |
| 113 | GOM_NL__2PRFIN20110502_095153_000000473102_00094_47953_1497.N1 | 02-MAY-2011 09:51:53 | Bright | 47.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 94 | 47953 | No |
| 114 | GOM_NL__2PRFIN20110502_100014_000000563102_00094_47953_1498.N1 | 02-MAY-2011 10:00:14 | Bright | 56.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 112 | 47953 | No |
| 115 | GOM_NL__2PRFIN20110502_100345_000000463102_00094_47953_1499.N1 | 02-MAY-2011 10:03:45 | Bright | 45.500 | 83 | | 2.3780 | 11000. | 91 | 47953 | No |
| 116 | GOM_NL__2PRFIN20110502_100647_000000423102_00094_47953_1500.N1 | 02-MAY-2011 10:06:47 | Bright | 42.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 84 | 47953 | No |
| 117 | GOM_NL__2PRFIN20110502_101613_000000463102_00094_47953_1501.N1 | 02-MAY-2011 10:16:13 | Bright | 45.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 91 | 47953 | No |
| 118 | GOM_NL__2PRFIN20110502_102638_000000433102_00094_47953_1502.N1 | 02-MAY-2011 10:26:38 | Bright | 43.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 86 | 47953 | No |
| 119 | GOM_NL__2PRFIN20110502_103809_000000483102_00094_47953_1503.N1 | 02-MAY-2011 10:38:09 | Bright | 47.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 95 | 47953 | No |
| 120 | GOM_NL__2PRFIN20110502_104239_000000463102_00094_47953_1504.N1 | 02-MAY-2011 10:42:39 | Twilight | 46.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 92 | 47953 | No |
| 121 | GOM_NL__2PRFIN20110502_104709_000000703102_00094_47953_1505.N1 | 02-MAY-2011 10:47:09 | Dark | 69.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 139 | 47953 | No |
| 122 | GOM_NL__2PRFIN20110502_104935_000000573102_00094_47953_1506.N1 | 02-MAY-2011 10:49:35 | Dark | 57.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 114 | 47953 | No |
| 123 | GOM_NL__2PRFIN20110502_105329_000000633102_00094_47953_1507.N1 | 02-MAY-2011 10:53:29 | Dark | 62.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 125 | 47953 | No |
| 124 | GOM_NL__2PRFIN20110502_105951_000000453102_00094_47953_1508.N1 | 02-MAY-2011 10:59:51 | Dark | 44.500 | 172 | Gam Gru | 3.0030 | 13100. | 89 | 47953 | No |
| 125 | GOM_NL__2PRFIN20110502_111419_000000423102_00095_47954_1563.N1 | 02-MAY-2011 11:14:19 | Straylight | 42.000 | 141 | Bet Ara | 2.8400 | 4600.0 | 84 | 47954 | No |
| 126 | GOM_NL__2PRFIN20110502_111616_000000543102_00095_47954_1564.N1 | 02-MAY-2011 11:16:16 | Straylight | 53.500 | 40 | The Sco | 1.8590 | 7100.0 | 107 | 47954 | No |
| 127 | GOM_NL__2PRFIN20110502_111803_000000593102_00095_47954_1565.N1 | 02-MAY-2011 11:18:03 | Straylight | 59.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 118 | 47954 | No |
| 128 | GOM_NL__2PRFIN20110502_112103_000000613102_00095_47954_1566.N1 | 02-MAY-2011 11:21:03 | Straylight | 61.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 122 | 47954 | No |
| 129 | GOM_NL__2PRFIN20110502_112441_000000793102_00095_47954_1567.N1 | 02-MAY-2011 11:24:41 | Twilight | 79.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 158 | 47954 | No |
| 130 | GOM_NL__2PRFIN20110502_112650_000000603102_00095_47954_1568.N1 | 02-MAY-2011 11:26:50 | Twilight | 59.500 | 80 | 7Del Sco | 2.3160 | 30000. | 119 | 47954 | No |
| 131 | GOM_NL__2PRFIN20110502_112955_000000443102_00095_47954_1569.N1 | 02-MAY-2011 11:29:55 | Bright | 44.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 88 | 47954 | No |
| 132 | GOM_NL__2PRFIN20110502_113207_000000483102_00095_47954_1570.N1 | 02-MAY-2011 11:32:07 | Bright | 47.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 95 | 47954 | No |
| 133 | GOM_NL__2PRFIN20110502_114028_000000383102_00095_47954_1571.N1 | 02-MAY-2011 11:40:28 | Bright | 38.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 76 | 47954 | No |
| 134 | GOM_NL__2PRFIN20110502_114359_000000463102_00095_47954_1572.N1 | 02-MAY-2011 11:43:59 | Bright | 46.000 | 83 | | 2.3780 | 11000. | 92 | 47954 | No |
| 135 | GOM_NL__2PRFIN20110502_114701_000000533102_00095_47954_1573.N1 | 02-MAY-2011 11:47:01 | Bright | 53.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 106 | 47954 | No |
| 136 | GOM_NL__2PRFIN20110502_115627_000000463102_00095_47954_1574.N1 | 02-MAY-2011 11:56:27 | Bright | 45.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 91 | 47954 | No |
| 137 | GOM_NL__2PRFIN20110502_120651_000000423102_00095_47954_1575.N1 | 02-MAY-2011 12:06:51 | Bright | 41.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 83 | 47954 | No |
| 138 | GOM_NL__2PRFIN20110502_121823_000000463102_00095_47954_1576.N1 | 02-MAY-2011 12:18:23 | Bright | 46.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 92 | 47954 | No |
| 139 | GOM_NL__2PRFIN20110502_122253_000000473102_00095_47954_1577.N1 | 02-MAY-2011 12:22:53 | Twilight | 47.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 94 | 47954 | No |
| 140 | GOM_NL__2PRFIN20110502_122724_000000683102_00095_47954_1578.N1 | 02-MAY-2011 12:27:24 | Dark | 68.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 136 | 47954 | No |
| 141 | GOM_NL__2PRFIN20110502_122949_000000543102_00095_47954_1579.N1 | 02-MAY-2011 12:29:49 | Dark | 53.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 107 | 47954 | No |
| 142 | GOM_NL__2PRFIN20110502_123344_000000683102_00095_47954_1580.N1 | 02-MAY-2011 12:33:44 | Dark | 68.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 136 | 47954 | No |
| 143 | GOM_NL__2PRFIN20110502_124006_000000443102_00095_47954_1581.N1 | 02-MAY-2011 12:40:06 | Dark | 43.500 | 172 | Gam Gru | 3.0030 | 13100. | 87 | 47954 | No |
| 144 | GOM_NL__2PRFIN20110502_125434_000000553102_00096_47955_1604.N1 | 02-MAY-2011 12:54:34 | Straylight | 54.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 109 | 47955 | No |
| 145 | GOM_NL__2PRFIN20110502_125631_000000563102_00096_47955_1605.N1 | 02-MAY-2011 12:56:31 | Straylight | 55.500 | 40 | The Sco | 1.8590 | 7100.0 | 111 | 47955 | No |
| 146 | GOM_NL__2PRFIN20110502_125817_000000583102_00096_47955_1606.N1 | 02-MAY-2011 12:58:17 | Straylight | 57.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 115 | 47955 | No |
| 147 | GOM_NL__2PRFIN20110502_130117_000000623102_00096_47955_1607.N1 | 02-MAY-2011 13:01:17 | Straylight | 62.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 124 | 47955 | No |
| 148 | GOM_NL__2PRFIN20110502_130455_000000703102_00096_47955_1608.N1 | 02-MAY-2011 13:04:55 | Twilight | 69.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 139 | 47955 | No |
| 149 | GOM_NL__2PRFIN20110502_130704_000000643102_00096_47955_1609.N1 | 02-MAY-2011 13:07:04 | Twilight | 63.500 | 80 | 7Del Sco | 2.3160 | 30000. | 127 | 47955 | No |
| 150 | GOM_NL__2PRFIN20110502_131009_000000423102_00096_47955_1610.N1 | 02-MAY-2011 13:10:09 | Bright | 41.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 83 | 47955 | No |
| 151 | GOM_NL__2PRFIN20110502_131221_000000473102_00096_47955_1611.N1 | 02-MAY-2011 13:12:21 | Bright | 47.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 94 | 47955 | No |
| 152 | GOM_NL__2PRFIN20110502_132042_000000383102_00096_47955_1612.N1 | 02-MAY-2011 13:20:42 | Bright | 38.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 76 | 47955 | No |
| 153 | GOM_NL__2PRFIN20110502_132412_000000433102_00096_47955_1613.N1 | 02-MAY-2011 13:24:12 | Bright | 43.000 | 83 | | 2.3780 | 11000. | 86 | 47955 | No |
| 154 | GOM_NL__2PRFIN20110502_132714_000000543102_00096_47955_1614.N1 | 02-MAY-2011 13:27:14 | Bright | 54.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 108 | 47955 | No |
| 155 | GOM_NL__2PRFIN20110502_133640_000000413102_00096_47955_1615.N1 | 02-MAY-2011 13:36:40 | Bright | 40.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 81 | 47955 | No |
| 156 | GOM_NL__2PRFIN20110502_134705_000000433102_00096_47955_1616.N1 | 02-MAY-2011 13:47:05 | Bright | 43.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 86 | 47955 | No |
| 157 | GOM_NL__2PRFIN20110502_135837_000000523102_00096_47955_1617.N1 | 02-MAY-2011 13:58:37 | Bright | 51.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 103 | 47955 | No |
| 158 | GOM_NL__2PRFIN20110502_140307_000000463102_00096_47955_1618.N1 | 02-MAY-2011 14:03:07 | Twilight | 45.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 91 | 47955 | No |
| 159 | GOM_NL__2PRFIN20110502_140739_000000673102_00096_47955_1619.N1 | 02-MAY-2011 14:07:39 | Dark | 66.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 133 | 47955 | No |
| 160 | GOM_NL__2PRFIN20110502_141004_000000553102_00096_47955_1620.N1 | 02-MAY-2011 14:10:04 | Dark | 55.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 110 | 47955 | No |

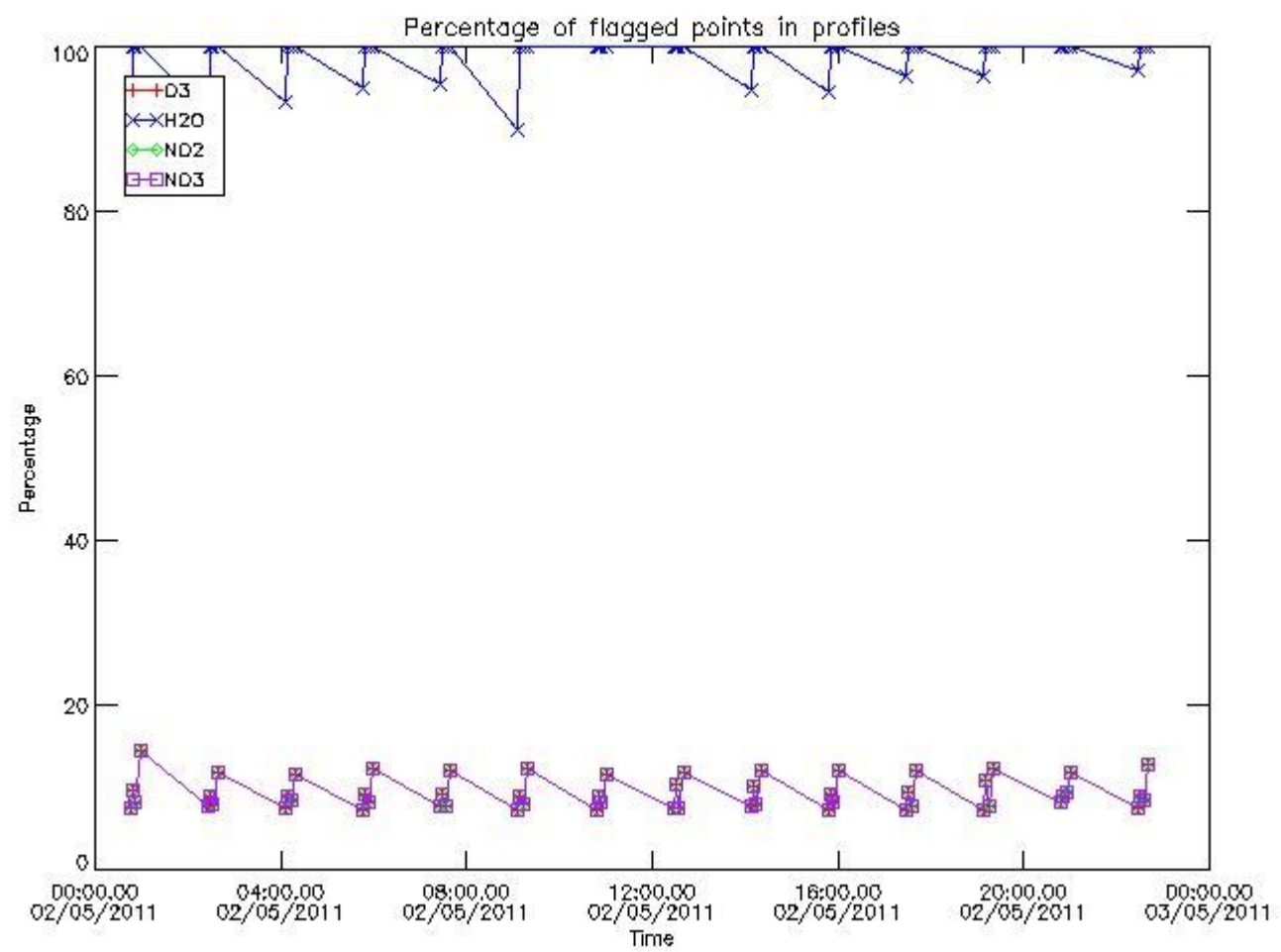
| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|--------|--------|-----|-------|----|
| 161 | GOM_NL__2PRFIN20110502_141359_000000653102_00096_47955_1621.N1 | 02-MAY-2011 14:13:59 | Dark | 64.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 129 | 47955 | No |
| 162 | GOM_NL__2PRFIN20110502_142020_000000423102_00096_47955_1622.N1 | 02-MAY-2011 14:20:20 | Dark | 42.000 | 172 | Gam Gru | 3.0030 | 13100. | 84 | 47955 | No |
| 163 | GOM_NL__2PRFIN20110502_143448_000000503102_00097_47956_1482.N1 | 02-MAY-2011 14:34:48 | Straylight | 49.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 99 | 47956 | No |
| 164 | GOM_NL__2PRFIN20110502_143646_000000563102_00097_47956_1483.N1 | 02-MAY-2011 14:36:46 | Straylight | 55.500 | 40 | The Sco | 1.8590 | 7100.0 | 111 | 47956 | No |
| 165 | GOM_NL__2PRFIN20110502_143832_000000653102_00097_47956_1484.N1 | 02-MAY-2011 14:38:32 | Straylight | 64.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 129 | 47956 | No |
| 166 | GOM_NL__2PRFIN20110502_144132_000000603102_00097_47956_1485.N1 | 02-MAY-2011 14:41:32 | Straylight | 59.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 119 | 47956 | No |
| 167 | GOM_NL__2PRFIN20110502_144510_000000753102_00097_47956_1486.N1 | 02-MAY-2011 14:45:10 | Tw_i_and_stray | 74.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 149 | 47956 | No |
| 168 | GOM_NL__2PRFIN20110502_144718_000000613102_00097_47956_1487.N1 | 02-MAY-2011 14:47:18 | Tw_i_and_stray | 60.500 | 80 | 7Del Sco | 2.3160 | 30000. | 121 | 47956 | No |
| 169 | GOM_NL__2PRFIN20110502_145023_000000443102_00097_47956_1488.N1 | 02-MAY-2011 14:50:23 | Bright | 44.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 88 | 47956 | No |
| 170 | GOM_NL__2PRFIN20110502_145234_000000463102_00097_47956_1489.N1 | 02-MAY-2011 14:52:34 | Bright | 46.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 92 | 47956 | No |
| 171 | GOM_NL__2PRFIN20110502_150056_000000543102_00097_47956_1490.N1 | 02-MAY-2011 15:00:56 | Bright | 54.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 108 | 47956 | No |
| 172 | GOM_NL__2PRFIN20110502_150426_000000453102_00097_47956_1491.N1 | 02-MAY-2011 15:04:26 | Bright | 44.500 | 83 | | 2.3780 | 11000. | 89 | 47956 | No |
| 173 | GOM_NL__2PRFIN20110502_150728_000000403102_00097_47956_1492.N1 | 02-MAY-2011 15:07:28 | Bright | 39.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 79 | 47956 | No |
| 174 | GOM_NL__2PRFIN20110502_151653_000000463102_00097_47956_1493.N1 | 02-MAY-2011 15:16:53 | Bright | 45.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 91 | 47956 | No |
| 175 | GOM_NL__2PRFIN20110502_152719_000000433102_00097_47956_1494.N1 | 02-MAY-2011 15:27:19 | Bright | 43.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 86 | 47956 | No |
| 176 | GOM_NL__2PRFIN20110502_153851_000000503102_00097_47956_1495.N1 | 02-MAY-2011 15:38:51 | Bright | 50.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 100 | 47956 | No |
| 177 | GOM_NL__2PRFIN20110502_154321_000000473102_00097_47956_1496.N1 | 02-MAY-2011 15:43:21 | Twilight | 47.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 94 | 47956 | No |
| 178 | GOM_NL__2PRFIN20110502_154754_000000723102_00097_47956_1497.N1 | 02-MAY-2011 15:47:54 | Dark | 71.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 143 | 47956 | No |
| 179 | GOM_NL__2PRFIN20110502_155019_000000563102_00097_47956_1498.N1 | 02-MAY-2011 15:50:19 | Dark | 56.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 112 | 47956 | No |
| 180 | GOM_NL__2PRFIN20110502_155414_000000633102_00097_47956_1499.N1 | 02-MAY-2011 15:54:14 | Dark | 62.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 125 | 47956 | No |
| 181 | GOM_NL__2PRFIN20110502_160035_000000433102_00097_47956_1500.N1 | 02-MAY-2011 16:00:35 | Dark | 42.500 | 172 | Gam Gru | 3.0030 | 13100. | 85 | 47956 | No |
| 182 | GOM_NL__2PRFIN20110502_161503_000000453102_00098_47957_1821.N1 | 02-MAY-2011 16:15:03 | Straylight | 44.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 89 | 47957 | No |
| 183 | GOM_NL__2PRFIN20110502_161701_000000583102_00098_47957_1822.N1 | 02-MAY-2011 16:17:01 | Straylight | 58.000 | 40 | The Sco | 1.8590 | 7100.0 | 116 | 47957 | No |
| 184 | GOM_NL__2PRFIN20110502_161847_000000613102_00098_47957_1823.N1 | 02-MAY-2011 16:18:47 | Straylight | 61.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 122 | 47957 | No |
| 185 | GOM_NL__2PRFIN20110502_162147_000000613102_00098_47957_1824.N1 | 02-MAY-2011 16:21:47 | Straylight | 60.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 121 | 47957 | No |
| 186 | GOM_NL__2PRFIN20110502_162525_000000683102_00098_47957_1825.N1 | 02-MAY-2011 16:25:25 | Tw_i_and_stray | 67.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 135 | 47957 | No |
| 187 | GOM_NL__2PRFIN20110502_162733_000000593102_00098_47957_1826.N1 | 02-MAY-2011 16:27:33 | Tw_i_and_stray | 58.500 | 80 | 7Del Sco | 2.3160 | 30000. | 117 | 47957 | No |
| 188 | GOM_NL__2PRFIN20110502_163037_000000433102_00098_47957_1827.N1 | 02-MAY-2011 16:30:37 | Bright | 42.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 85 | 47957 | No |
| 189 | GOM_NL__2PRFIN20110502_163248_000000483102_00098_47957_1828.N1 | 02-MAY-2011 16:32:48 | Bright | 47.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 95 | 47957 | No |
| 190 | GOM_NL__2PRFIN20110502_164109_000000563102_00098_47957_1829.N1 | 02-MAY-2011 16:41:09 | Bright | 56.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 112 | 47957 | No |
| 191 | GOM_NL__2PRFIN20110502_164439_000000473102_00098_47957_1830.N1 | 02-MAY-2011 16:44:39 | Bright | 46.500 | 83 | | 2.3780 | 11000. | 93 | 47957 | No |
| 192 | GOM_NL__2PRFIN20110502_164741_000000413102_00098_47957_1831.N1 | 02-MAY-2011 16:47:41 | Bright | 40.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 81 | 47957 | No |
| 193 | GOM_NL__2PRFIN20110502_165707_000000443102_00098_47957_1832.N1 | 02-MAY-2011 16:57:07 | Bright | 43.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 87 | 47957 | No |
| 194 | GOM_NL__2PRFIN20110502_170732_000000433102_00098_47957_1833.N1 | 02-MAY-2011 17:07:32 | Bright | 43.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 86 | 47957 | No |
| 195 | GOM_NL__2PRFIN20110502_171905_000000503102_00098_47957_1834.N1 | 02-MAY-2011 17:19:05 | Bright | 50.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 100 | 47957 | No |
| 196 | GOM_NL__2PRFIN20110502_172336_000000453102_00098_47957_1835.N1 | 02-MAY-2011 17:23:36 | Twilight | 45.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 90 | 47957 | No |
| 197 | GOM_NL__2PRFIN20110502_172809_000000713102_00098_47957_1836.N1 | 02-MAY-2011 17:28:09 | Dark | 70.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 141 | 47957 | No |
| 198 | GOM_NL__2PRFIN20110502_173034_000000543102_00098_47957_1837.N1 | 02-MAY-2011 17:30:34 | Dark | 54.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 108 | 47957 | No |
| 199 | GOM_NL__2PRFIN20110502_173430_000000673102_00098_47957_1838.N1 | 02-MAY-2011 17:34:30 | Dark | 67.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 134 | 47957 | No |
| 200 | GOM_NL__2PRFIN20110502_174050_000000433102_00098_47957_1839.N1 | 02-MAY-2011 17:40:50 | Dark | 42.500 | 172 | Gam Gru | 3.0030 | 13100. | 85 | 47957 | No |
| 201 | GOM_NL__2PRFIN20110502_175518_000000433102_00099_47958_1821.N1 | 02-MAY-2011 17:55:18 | Straylight | 42.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 85 | 47958 | No |
| 202 | GOM_NL__2PRFIN20110502_175716_000000593102_00099_47958_1822.N1 | 02-MAY-2011 17:57:16 | Straylight | 59.000 | 40 | The Sco | 1.8590 | 7100.0 | 118 | 47958 | No |
| 203 | GOM_NL__2PRFIN20110502_175902_000000633102_00099_47958_1823.N1 | 02-MAY-2011 17:59:02 | Straylight | 62.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 125 | 47958 | No |
| 204 | GOM_NL__2PRFIN20110502_180202_000000593102_00099_47958_1824.N1 | 02-MAY-2011 18:02:02 | Straylight | 59.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 118 | 47958 | No |
| 205 | GOM_NL__2PRFIN20110502_180539_000000733102_00099_47958_1825.N1 | 02-MAY-2011 18:05:39 | Tw_i_and_stray | 73.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 146 | 47958 | No |
| 206 | GOM_NL__2PRFIN20110502_180747_000000633102_00099_47958_1826.N1 | 02-MAY-2011 18:07:47 | Tw_i_and_stray | 63.000 | 80 | 7Del Sco | 2.3160 | 30000. | 126 | 47958 | No |
| 207 | GOM_NL__2PRFIN20110502_181051_000000433102_00099_47958_1827.N1 | 02-MAY-2011 18:10:51 | Bright | 43.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 86 | 47958 | No |
| 208 | GOM_NL__2PRFIN20110502_181303_000000473102_00099_47958_1828.N1 | 02-MAY-2011 18:13:03 | Bright | 47.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 94 | 47958 | No |
| 209 | GOM_NL__2PRFIN20110502_182124_000000383102_00099_47958_1829.N1 | 02-MAY-2011 18:21:24 | Bright | 38.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 76 | 47958 | No |
| 210 | GOM_NL__2PRFIN20110502_182453_000000463102_00099_47958_1830.N1 | 02-MAY-2011 18:24:53 | Bright | 46.000 | 83 | | 2.3780 | 11000. | 92 | 47958 | No |
| 211 | GOM_NL__2PRFIN20110502_182755_000000423102_00099_47958_1831.N1 | 02-MAY-2011 18:27:55 | Bright | 41.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 83 | 47958 | No |
| 212 | GOM_NL__2PRFIN20110502_183720_000000443102_00099_47958_1832.N1 | 02-MAY-2011 18:37:20 | Bright | 44.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 88 | 47958 | No |
| 213 | GOM_NL__2PRFIN20110502_184746_000000433102_00099_47958_1833.N1 | 02-MAY-2011 18:47:46 | Bright | 42.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 85 | 47958 | No |
| 214 | GOM_NL__2PRFIN20110502_185920_000000483102_00099_47958_1834.N1 | 02-MAY-2011 18:59:20 | Bright | 48.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 96 | 47958 | No |
| 215 | GOM_NL__2PRFIN20110502_190350_000000473102_00099_47958_1835.N1 | 02-MAY-2011 19:03:50 | Twilight | 46.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 93 | 47958 | No |
| 216 | GOM_NL__2PRFIN20110502_190824_000000713102_00099_47958_1836.N1 | 02-MAY-2011 19:08:24 | Dark | 70.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 141 | 47958 | No |
| 217 | GOM_NL__2PRFIN20110502_191049_000000563102_00099_47958_1837.N1 | 02-MAY-2011 19:10:49 | Dark | 56.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 112 | 47958 | No |
| 218 | GOM_NL__2PRFIN20110502_191445_000000663102_00099_47958_1838.N1 | 02-MAY-2011 19:14:45 | Dark | 65.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 131 | 47958 | No |
| 219 | GOM_NL__2PRFIN20110502_192105_000000423102_00099_47958_1839.N1 | 02-MAY-2011 19:21:05 | Dark | 41.500 | 172 | Gam Gru | 3.0030 | 13100. | 83 | 47958 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|--------|--------|-----|-------|----|
| 220 | GOM_NL__2PRFIN20110502_193534_000000403102_00100_47959_1821.N1 | 02-MAY-2011 19:35:34 | Straylight | 39.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 79 | 47959 | No |
| 221 | GOM_NL__2PRFIN20110502_193731_000000603102_00100_47959_1822.N1 | 02-MAY-2011 19:37:31 | Straylight | 59.500 | 40 | The Sco | 1.8590 | 7100.0 | 119 | 47959 | No |
| 222 | GOM_NL__2PRFIN20110502_193917_000000653102_00100_47959_1823.N1 | 02-MAY-2011 19:39:17 | Straylight | 64.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 129 | 47959 | No |
| 223 | GOM_NL__2PRFIN20110502_194216_000000593102_00100_47959_1824.N1 | 02-MAY-2011 19:42:16 | Straylight | 59.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 118 | 47959 | No |
| 224 | GOM_NL__2PRFIN20110502_194553_000000713102_00100_47959_1825.N1 | 02-MAY-2011 19:45:53 | Tw_i_and_stray | 71.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 142 | 47959 | No |
| 225 | GOM_NL__2PRFIN20110502_194801_000000583102_00100_47959_1826.N1 | 02-MAY-2011 19:48:01 | Tw_i_and_stray | 58.000 | 80 | 7Del Sco | 2.3160 | 30000. | 116 | 47959 | No |
| 226 | GOM_NL__2PRFIN20110502_195105_000000423102_00100_47959_1827.N1 | 02-MAY-2011 19:51:05 | Bright | 41.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 83 | 47959 | No |
| 227 | GOM_NL__2PRFIN20110502_195317_000000463102_00100_47959_1828.N1 | 02-MAY-2011 19:53:17 | Bright | 46.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 92 | 47959 | No |
| 228 | GOM_NL__2PRFIN20110502_200137_000000383102_00100_47959_1829.N1 | 02-MAY-2011 20:01:37 | Bright | 38.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 76 | 47959 | No |
| 229 | GOM_NL__2PRFIN20110502_200507_000000433102_00100_47959_1830.N1 | 02-MAY-2011 20:05:07 | Bright | 42.500 | 83 | | 2.3780 | 11000. | 85 | 47959 | No |
| 230 | GOM_NL__2PRFIN20110502_200808_000000413102_00100_47959_1831.N1 | 02-MAY-2011 20:08:08 | Bright | 40.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 81 | 47959 | No |
| 231 | GOM_NL__2PRFIN20110502_201734_000000653102_00100_47959_1832.N1 | 02-MAY-2011 20:17:34 | Bright | 65.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 130 | 47959 | No |
| 232 | GOM_NL__2PRFIN20110502_202800_000000403102_00100_47959_1833.N1 | 02-MAY-2011 20:28:00 | Bright | 40.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 80 | 47959 | No |
| 233 | GOM_NL__2PRFIN20110502_203934_000000493102_00100_47959_1834.N1 | 02-MAY-2011 20:39:34 | Bright | 48.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 97 | 47959 | No |
| 234 | GOM_NL__2PRFIN20110502_204404_000000473102_00100_47959_1835.N1 | 02-MAY-2011 20:44:04 | Twilight | 46.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 93 | 47959 | No |
| 235 | GOM_NL__2PRFIN20110502_204838_000000693102_00100_47959_1836.N1 | 02-MAY-2011 20:48:38 | Dark | 69.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 138 | 47959 | No |
| 236 | GOM_NL__2PRFIN20110502_205104_000000573102_00100_47959_1837.N1 | 02-MAY-2011 20:51:04 | Dark | 57.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 114 | 47959 | No |
| 237 | GOM_NL__2PRFIN20110502_205501_000000653102_00100_47959_1838.N1 | 02-MAY-2011 20:55:01 | Dark | 65.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 130 | 47959 | No |
| 238 | GOM_NL__2PRFIN20110502_210119_000000433102_00100_47959_1839.N1 | 02-MAY-2011 21:01:19 | Dark | 43.000 | 172 | Gam Gru | 3.0030 | 13100. | 86 | 47959 | No |
| 239 | GOM_NL__2PRFIN20110502_211701_000000643102_00101_47960_1821.N1 | 02-MAY-2011 21:17:01 | Straylight | 64.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 128 | 47960 | No |
| 240 | GOM_NL__2PRFIN20110502_211932_000000563102_00101_47960_1822.N1 | 02-MAY-2011 21:19:32 | Straylight | 56.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 112 | 47960 | No |
| 241 | GOM_NL__2PRFIN20110502_212231_000000623102_00101_47960_1823.N1 | 02-MAY-2011 21:22:31 | Straylight | 61.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 123 | 47960 | No |
| 242 | GOM_NL__2PRFIN20110502_212608_000000693102_00101_47960_1824.N1 | 02-MAY-2011 21:26:08 | Tw_i_and_stray | 69.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 138 | 47960 | No |
| 243 | GOM_NL__2PRFIN20110502_212816_000000643102_00101_47960_1825.N1 | 02-MAY-2011 21:28:16 | Tw_i_and_stray | 63.500 | 80 | 7Del Sco | 2.3160 | 30000. | 127 | 47960 | No |
| 244 | GOM_NL__2PRFIN20110502_213119_000000433102_00101_47960_1826.N1 | 02-MAY-2011 21:31:19 | Bright | 42.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 85 | 47960 | No |
| 245 | GOM_NL__2PRFIN20110502_213331_000000473102_00101_47960_1827.N1 | 02-MAY-2011 21:33:31 | Bright | 46.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 93 | 47960 | No |
| 246 | GOM_NL__2PRFIN20110502_214151_000000383102_00101_47960_1828.N1 | 02-MAY-2011 21:41:51 | Bright | 37.500 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 75 | 47960 | No |
| 247 | GOM_NL__2PRFIN20110502_214520_000000433102_00101_47960_1829.N1 | 02-MAY-2011 21:45:20 | Bright | 43.000 | 83 | | 2.3780 | 11000. | 86 | 47960 | No |
| 248 | GOM_NL__2PRFIN20110502_214822_000000403102_00101_47960_1830.N1 | 02-MAY-2011 21:48:22 | Bright | 39.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 79 | 47960 | No |
| 249 | GOM_NL__2PRFIN20110502_215747_000000453102_00101_47960_1831.N1 | 02-MAY-2011 21:57:47 | Bright | 45.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 90 | 47960 | No |
| 250 | GOM_NL__2PRFIN20110502_220813_000000433102_00101_47960_1832.N1 | 02-MAY-2011 22:08:13 | Bright | 42.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 85 | 47960 | No |
| 251 | GOM_NL__2PRFIN20110502_221948_000000473102_00101_47960_1833.N1 | 02-MAY-2011 22:19:48 | Bright | 47.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 94 | 47960 | No |
| 252 | GOM_NL__2PRFIN20110502_222418_000000463102_00101_47960_1834.N1 | 02-MAY-2011 22:24:18 | Twilight | 45.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 91 | 47960 | No |
| 253 | GOM_NL__2PRFIN20110502_222853_000000683102_00101_47960_1835.N1 | 02-MAY-2011 22:28:53 | Dark | 68.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 136 | 47960 | No |
| 254 | GOM_NL__2PRFIN20110502_223118_000000573102_00101_47960_1836.N1 | 02-MAY-2011 22:31:18 | Dark | 56.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 113 | 47960 | No |
| 255 | GOM_NL__2PRFIN20110502_223516_000000663102_00101_47960_1837.N1 | 02-MAY-2011 22:35:16 | Dark | 66.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 132 | 47960 | No |
| 256 | GOM_NL__2PRFIN20110502_224134_000000443102_00101_47960_1838.N1 | 02-MAY-2011 22:41:34 | Dark | 44.000 | 172 | Gam Gru | 3.0030 | 13100. | 88 | 47960 | No |
| 257 | GOM_NL__2PRFIN20110502_225716_000000663102_00102_47961_1841.N1 | 02-MAY-2011 22:57:16 | Straylight | 66.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 132 | 47961 | No |
| 258 | GOM_NL__2PRFIN20110502_225947_000000573102_00102_47961_1842.N1 | 02-MAY-2011 22:59:47 | Straylight | 57.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 114 | 47961 | No |
| 259 | GOM_NL__2PRFIN20110502_230245_000000613102_00102_47961_1843.N1 | 02-MAY-2011 23:02:45 | Straylight | 61.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 122 | 47961 | No |
| 260 | GOM_NL__2PRFIN20110502_230622_000000763102_00102_47961_1844.N1 | 02-MAY-2011 23:06:22 | Tw_i_and_stray | 75.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 151 | 47961 | No |
| 261 | GOM_NL__2PRFIN20110502_230830_000000613102_00102_47961_1845.N1 | 02-MAY-2011 23:08:30 | Tw_i_and_stray | 61.000 | 80 | 7Del Sco | 2.3160 | 30000. | 122 | 47961 | No |
| 262 | GOM_NL__2PRFIN20110502_231133_000000433102_00102_47961_1846.N1 | 02-MAY-2011 23:11:33 | Bright | 43.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 86 | 47961 | No |
| 263 | GOM_NL__2PRFIN20110502_231344_000000473102_00102_47961_1847.N1 | 02-MAY-2011 23:13:44 | Bright | 47.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 94 | 47961 | No |
| 264 | GOM_NL__2PRFIN20110502_232205_000000383102_00102_47961_1848.N1 | 02-MAY-2011 23:22:05 | Bright | 38.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 76 | 47961 | No |
| 265 | GOM_NL__2PRFIN20110502_232533_000000443102_00102_47961_1849.N1 | 02-MAY-2011 23:25:33 | Bright | 43.500 | 83 | | 2.3780 | 11000. | 87 | 47961 | No |
| 266 | GOM_NL__2PRFIN20110502_232836_000000413102_00102_47961_1850.N1 | 02-MAY-2011 23:28:36 | Bright | 40.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 81 | 47961 | No |
| 267 | GOM_NL__2PRFIN20110502_233800_000000413102_00102_47961_1851.N1 | 02-MAY-2011 23:38:00 | Bright | 40.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 81 | 47961 | No |
| 268 | GOM_NL__2PRFIN20110502_234827_000000433102_00102_47961_1852.N1 | 02-MAY-2011 23:48:27 | Bright | 43.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 86 | 47961 | No |

3. Quality information per product

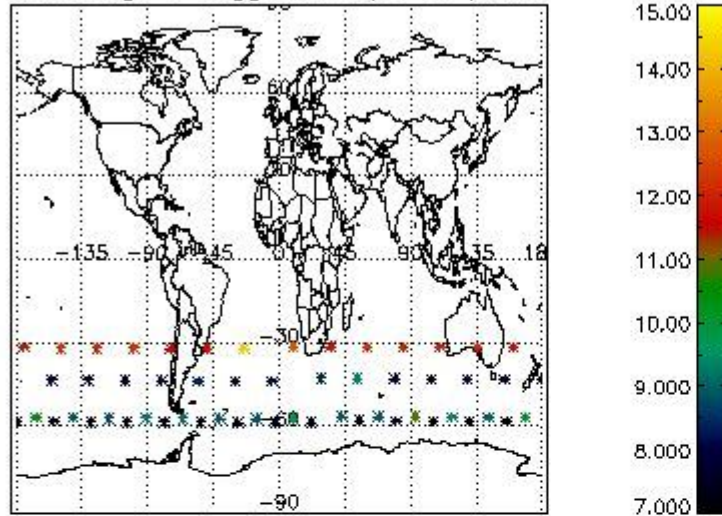
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

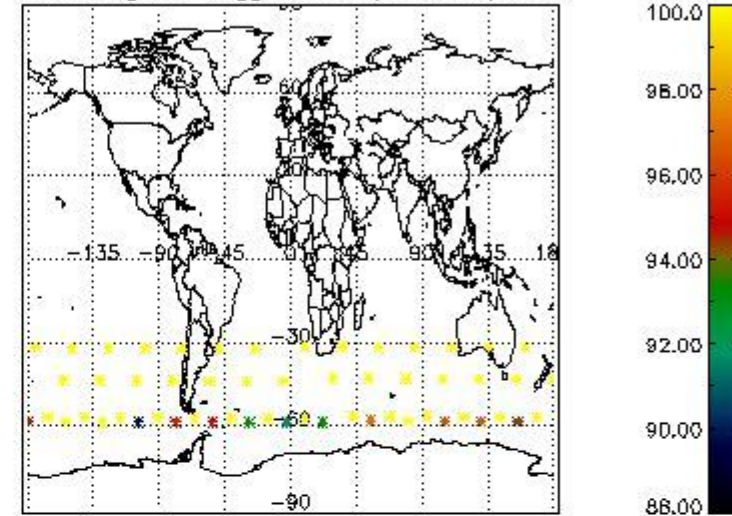


3.2 Plot quality information per product (world map)

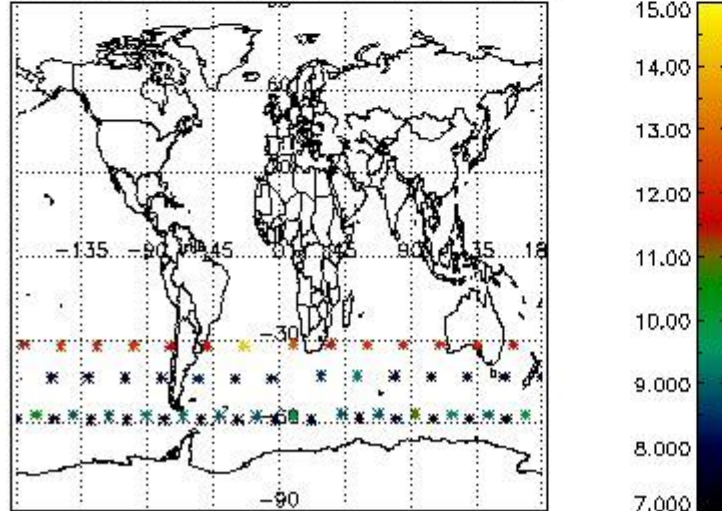
Percentage of flagged data per O3 profile



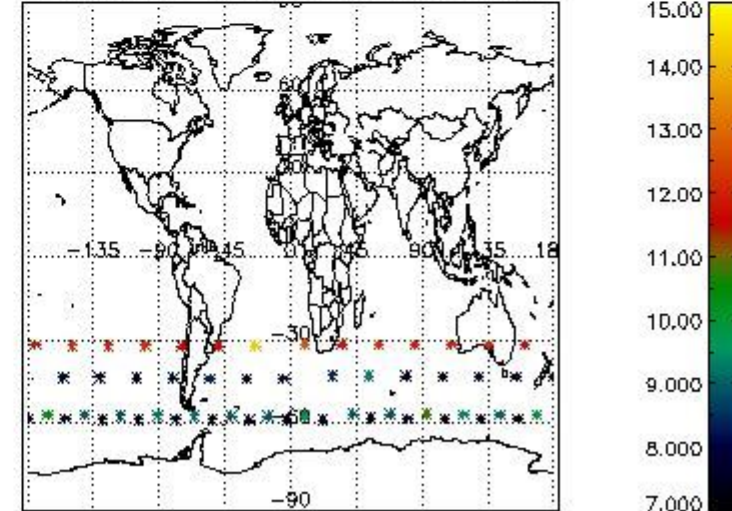
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

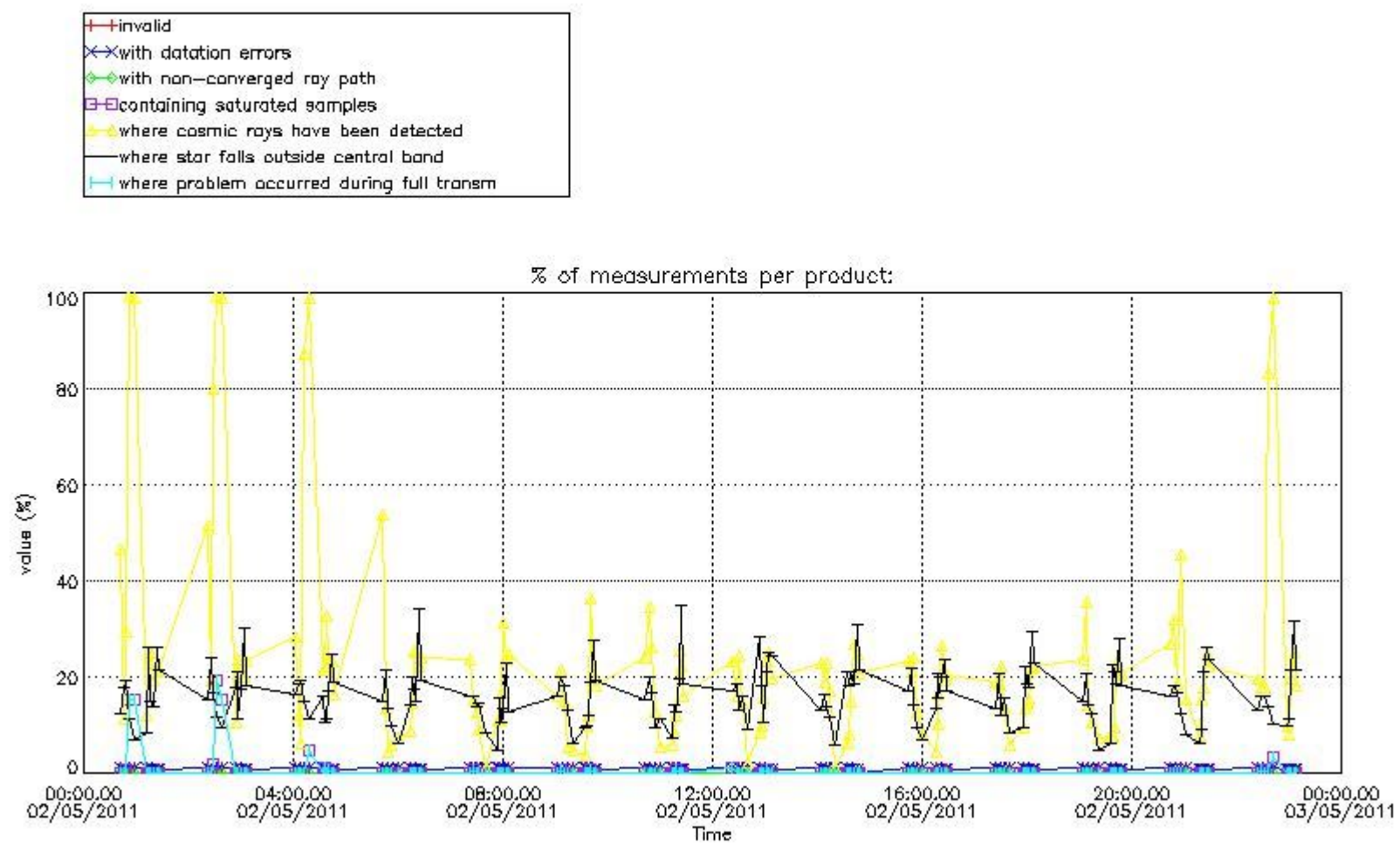


4. Level 1 quality information per product

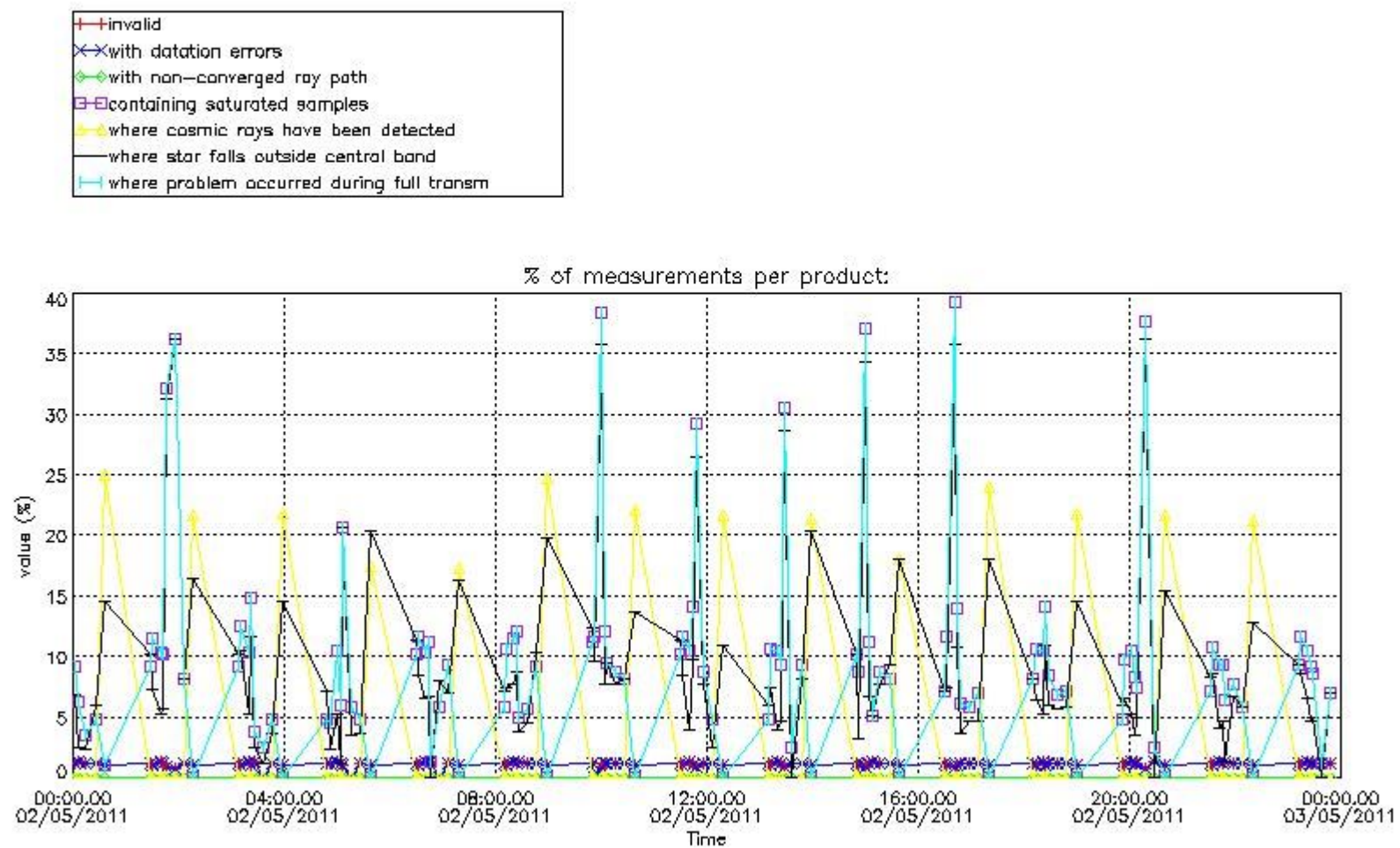
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



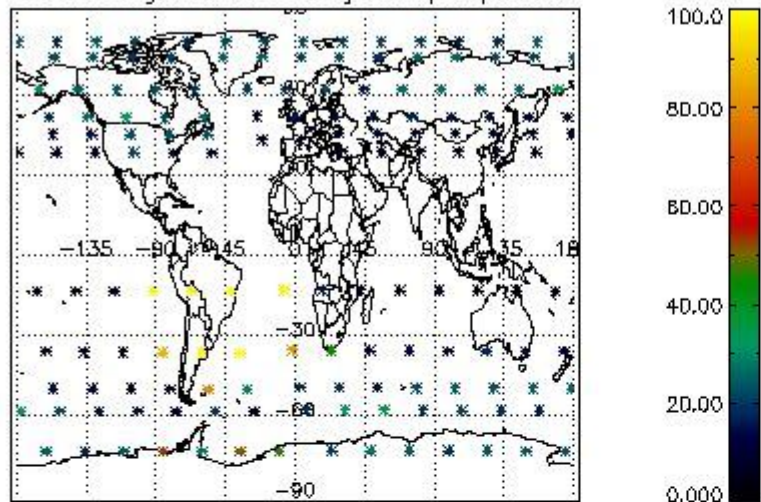
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



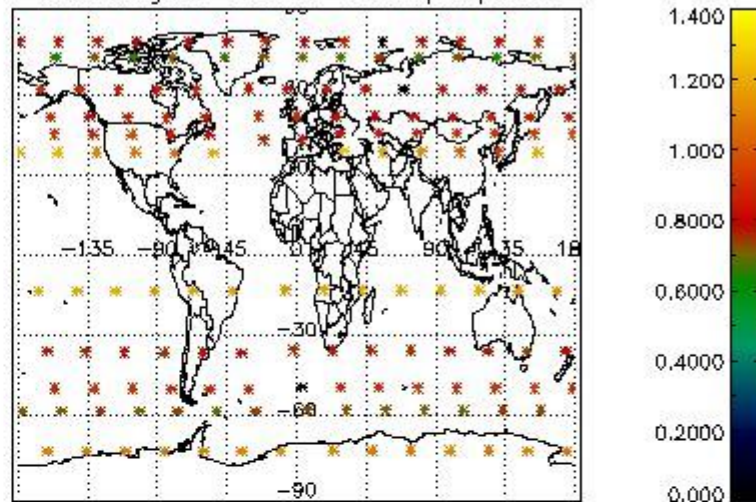
4.2 Plot quality information per product coming from level 1b processing (world map)

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

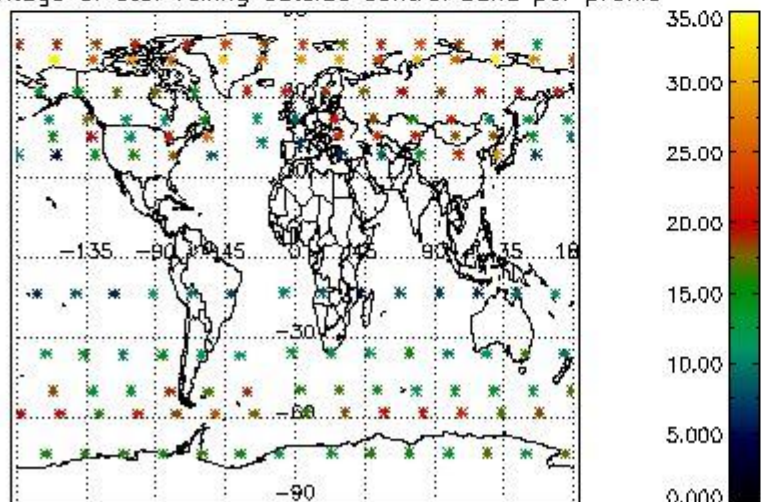
Percentage of cosmic ray hits per profile



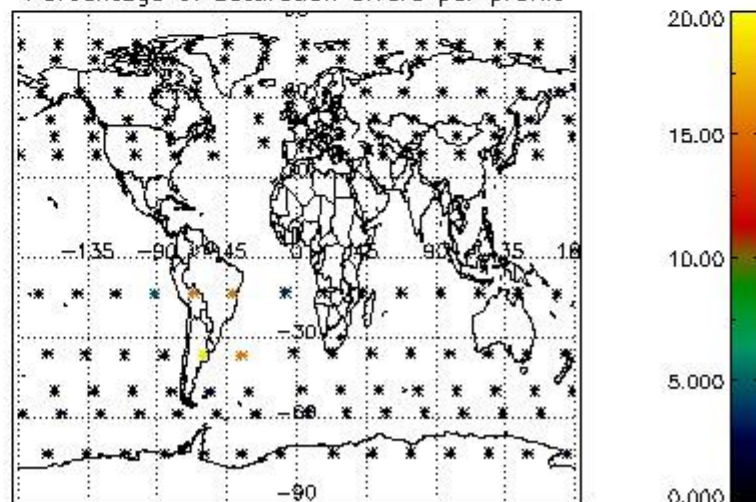
Percentage of datation errors per profile



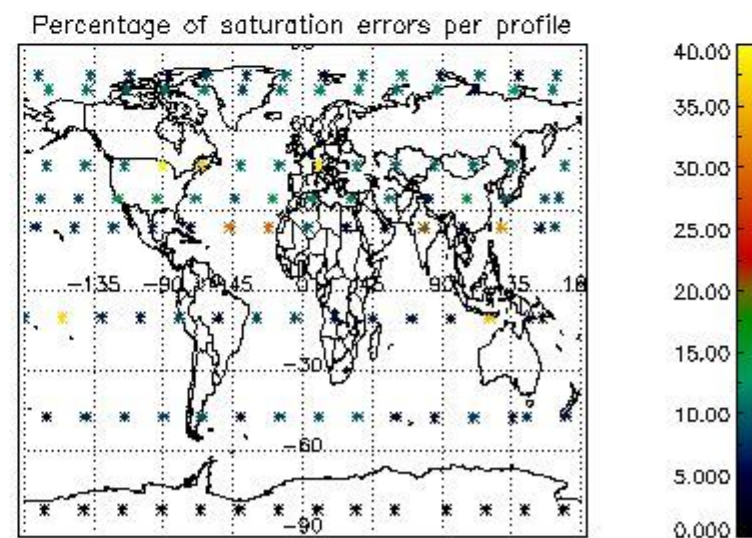
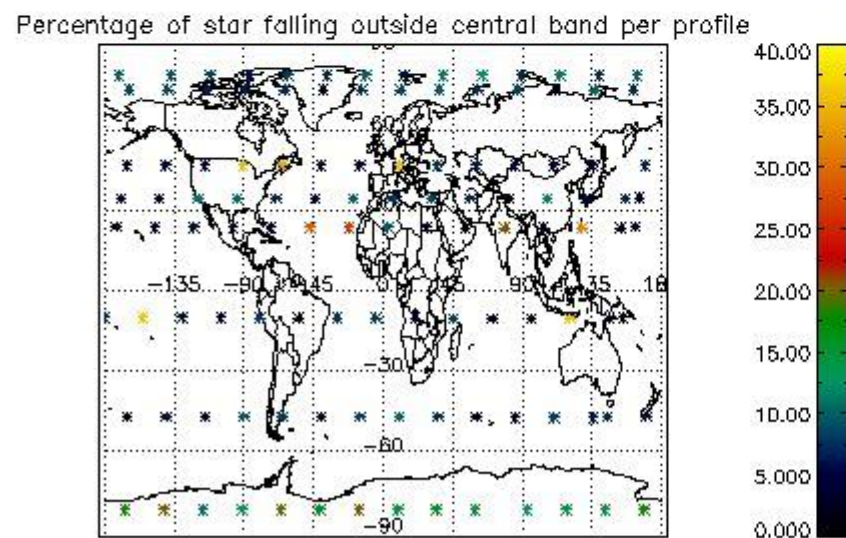
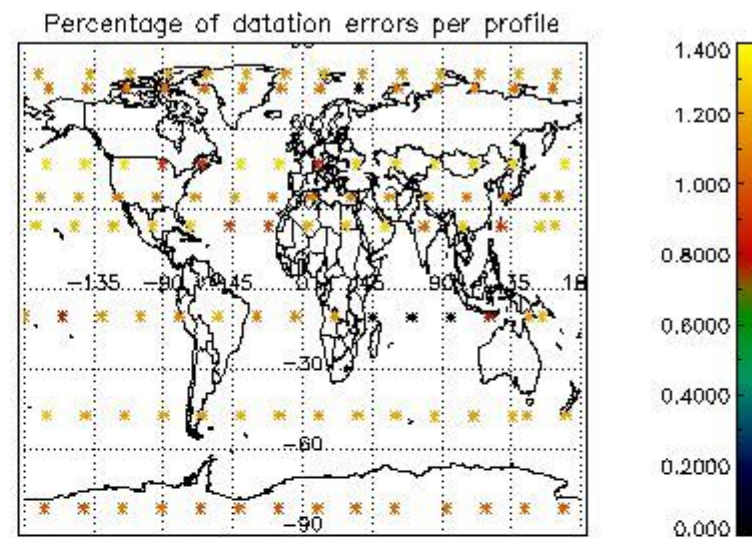
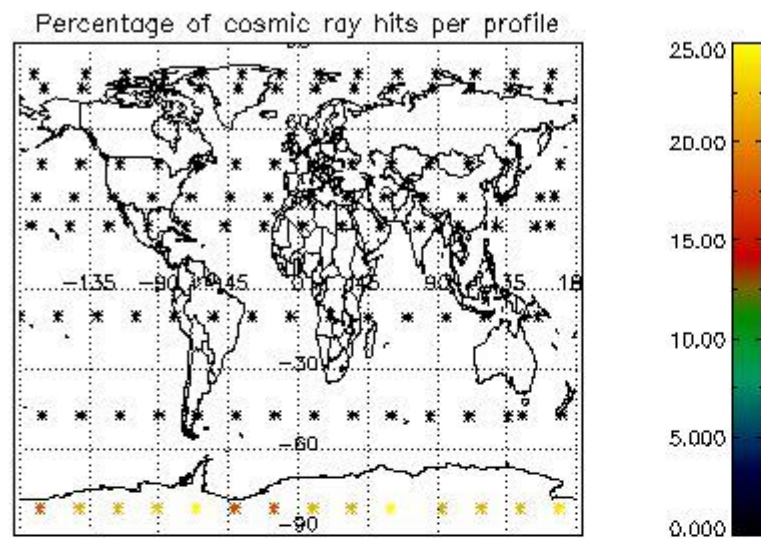
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

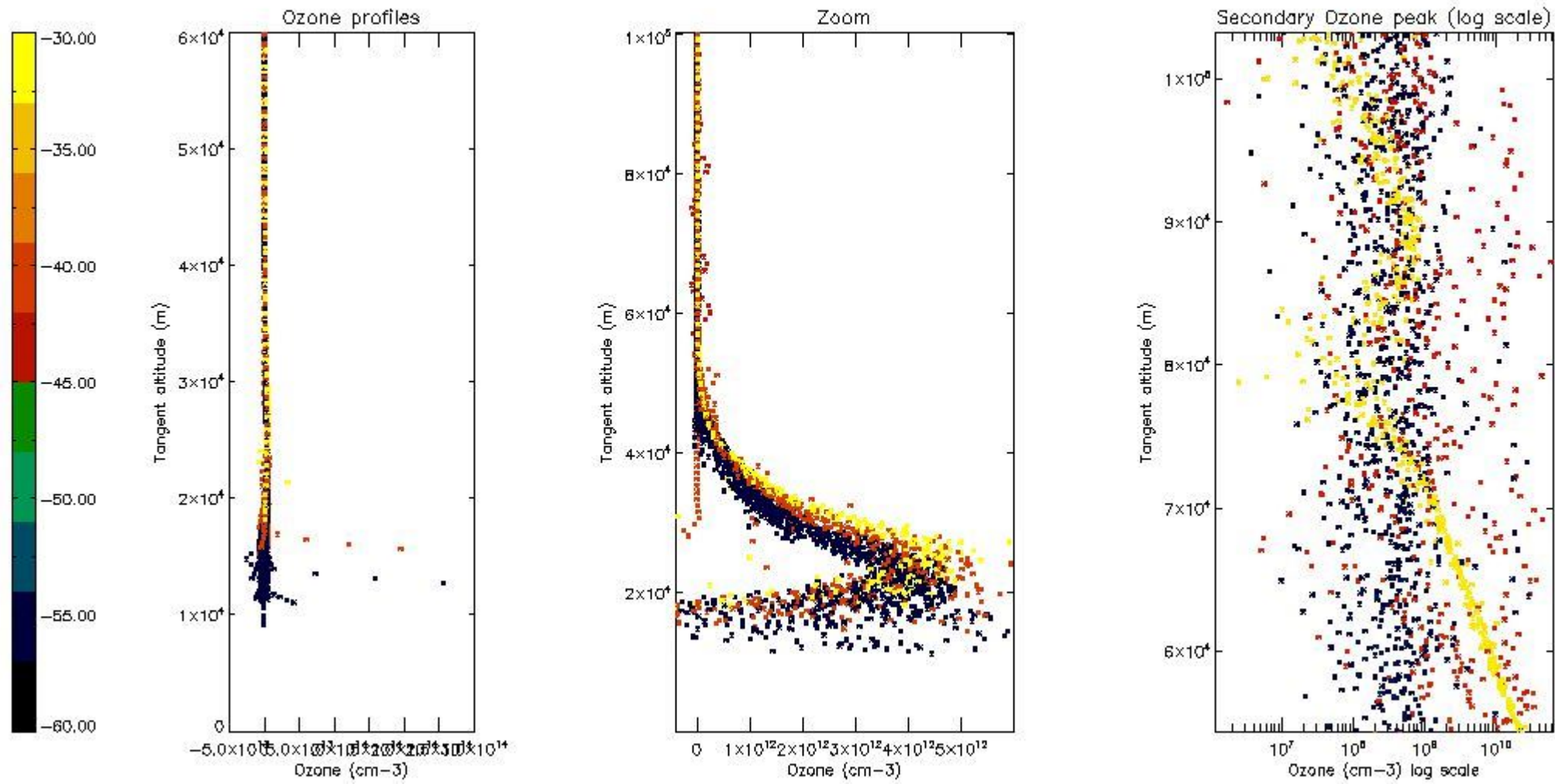
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 24 |
| STD < 20 | 7 |

| | |
|----------|---|
| STD < 10 | 3 |
| STD < 5 | 0 |

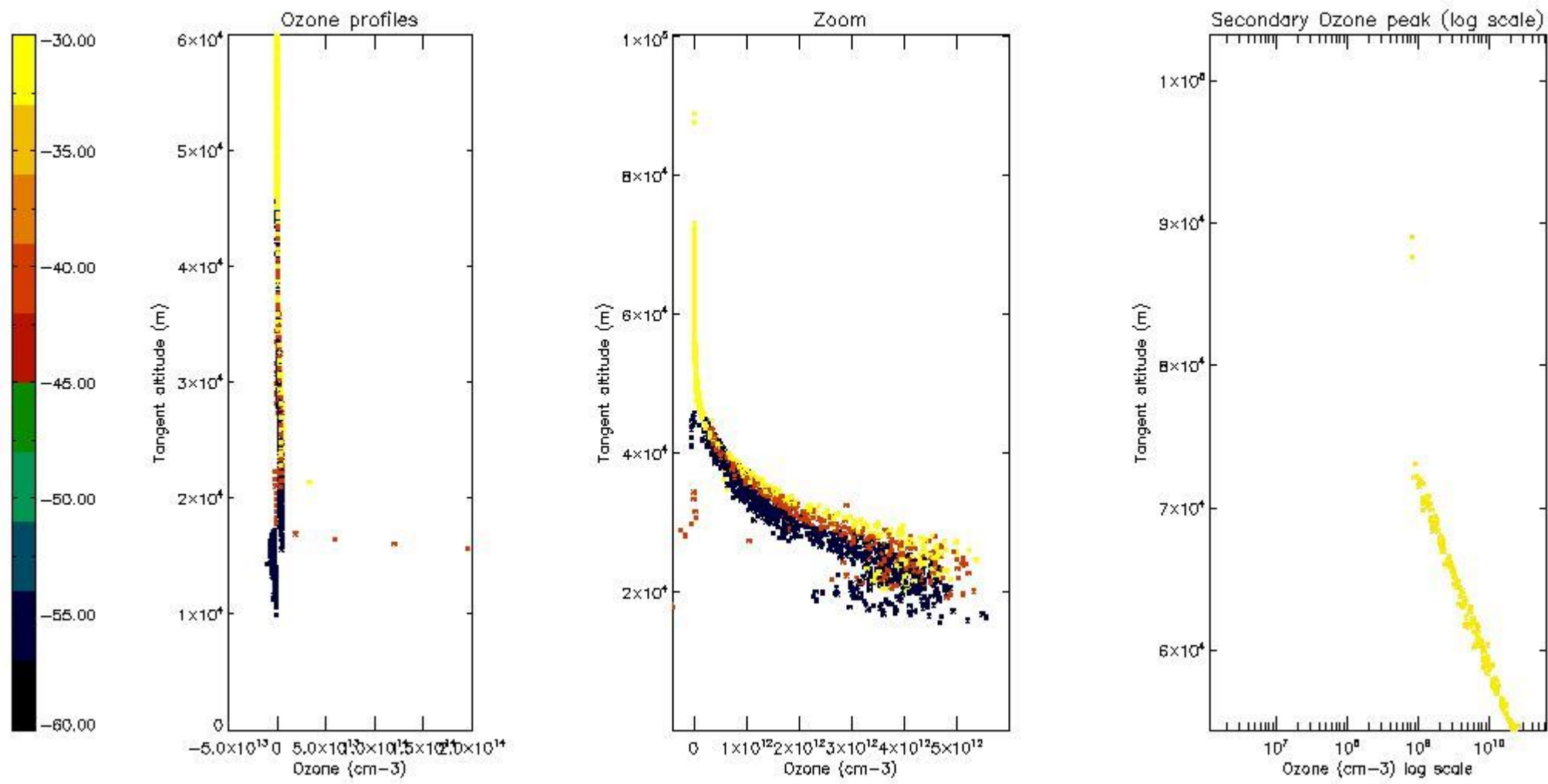
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



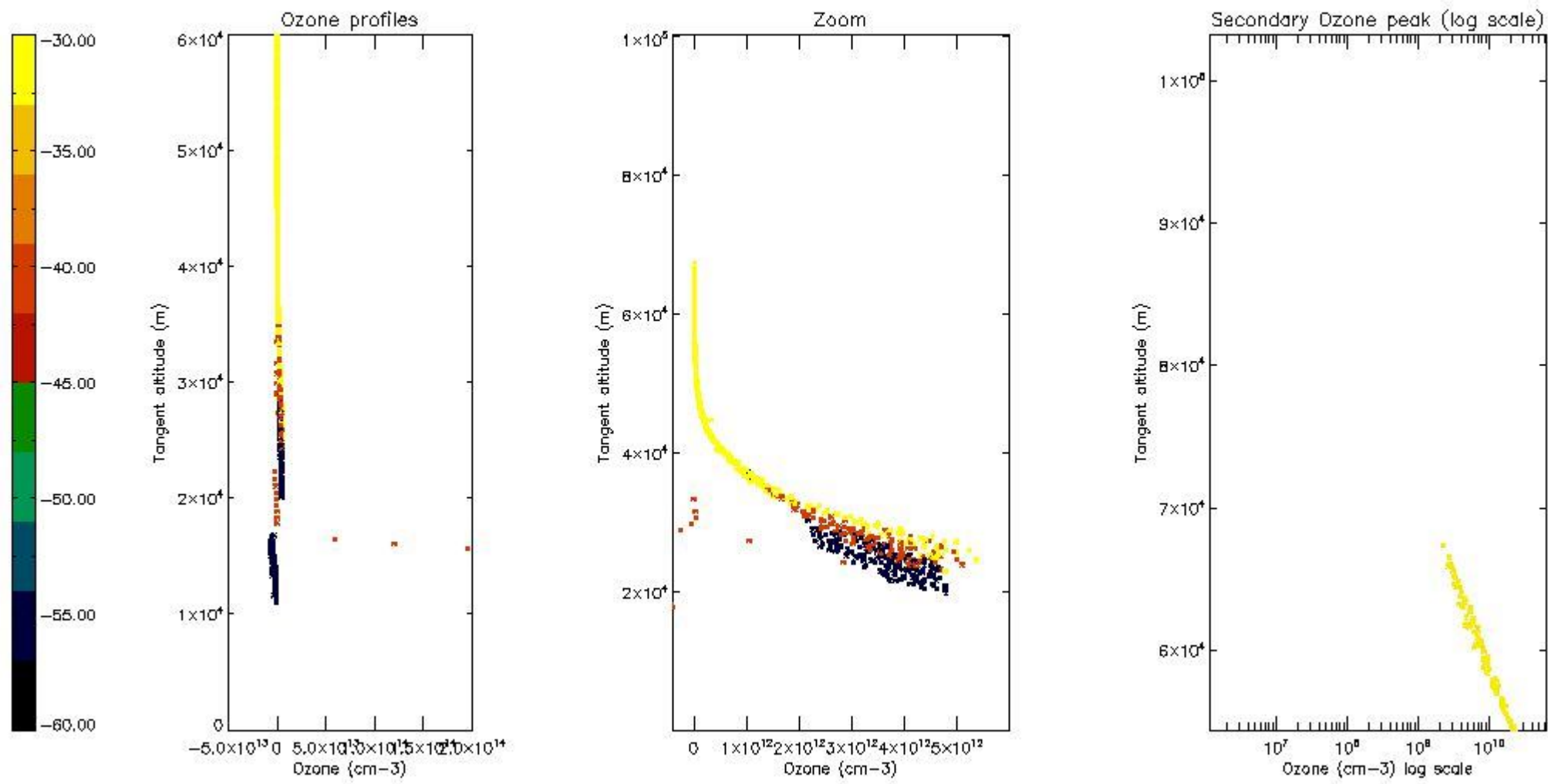
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



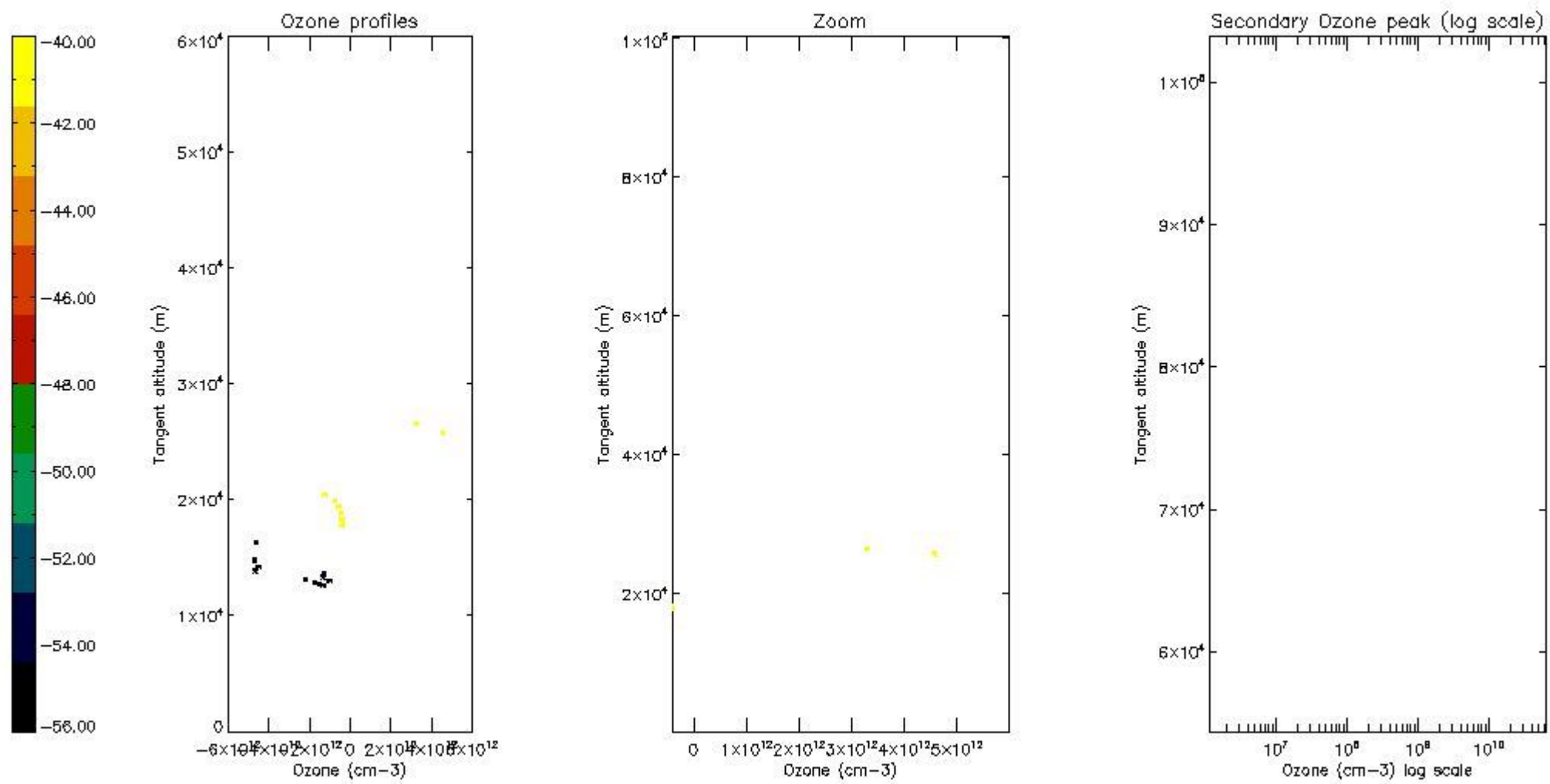
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



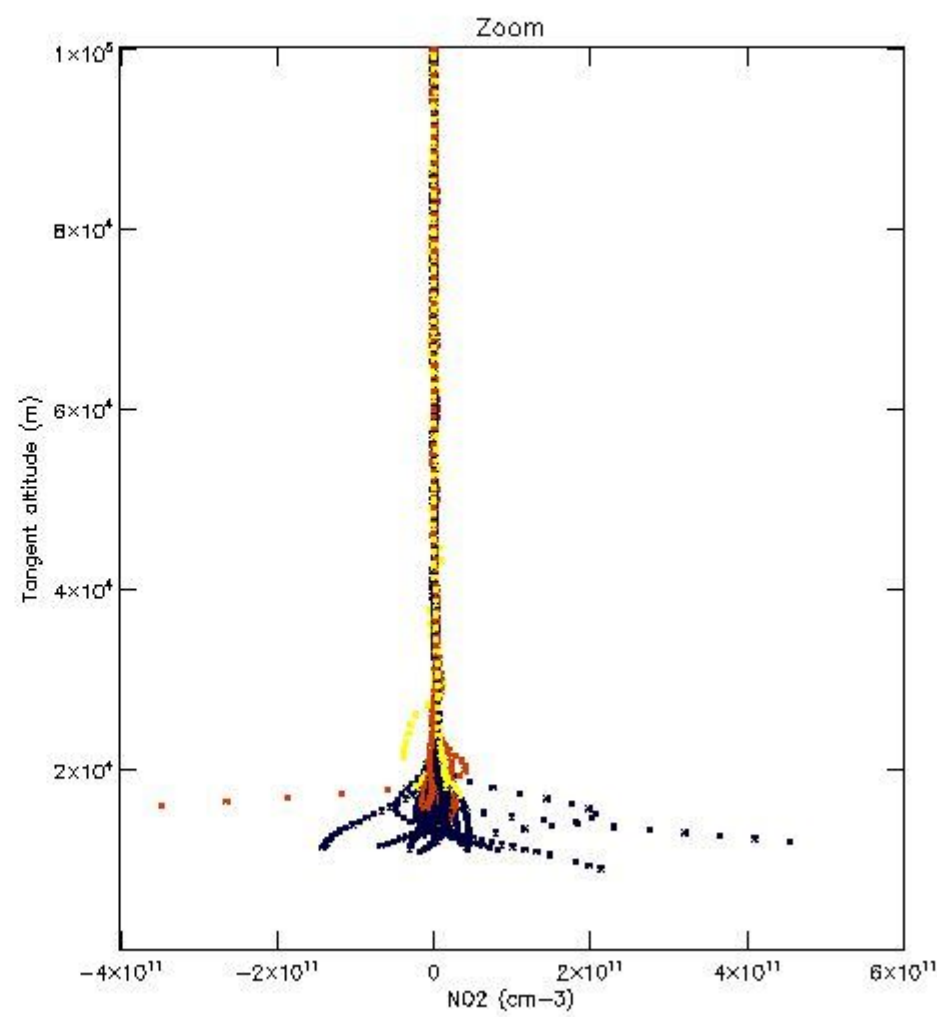
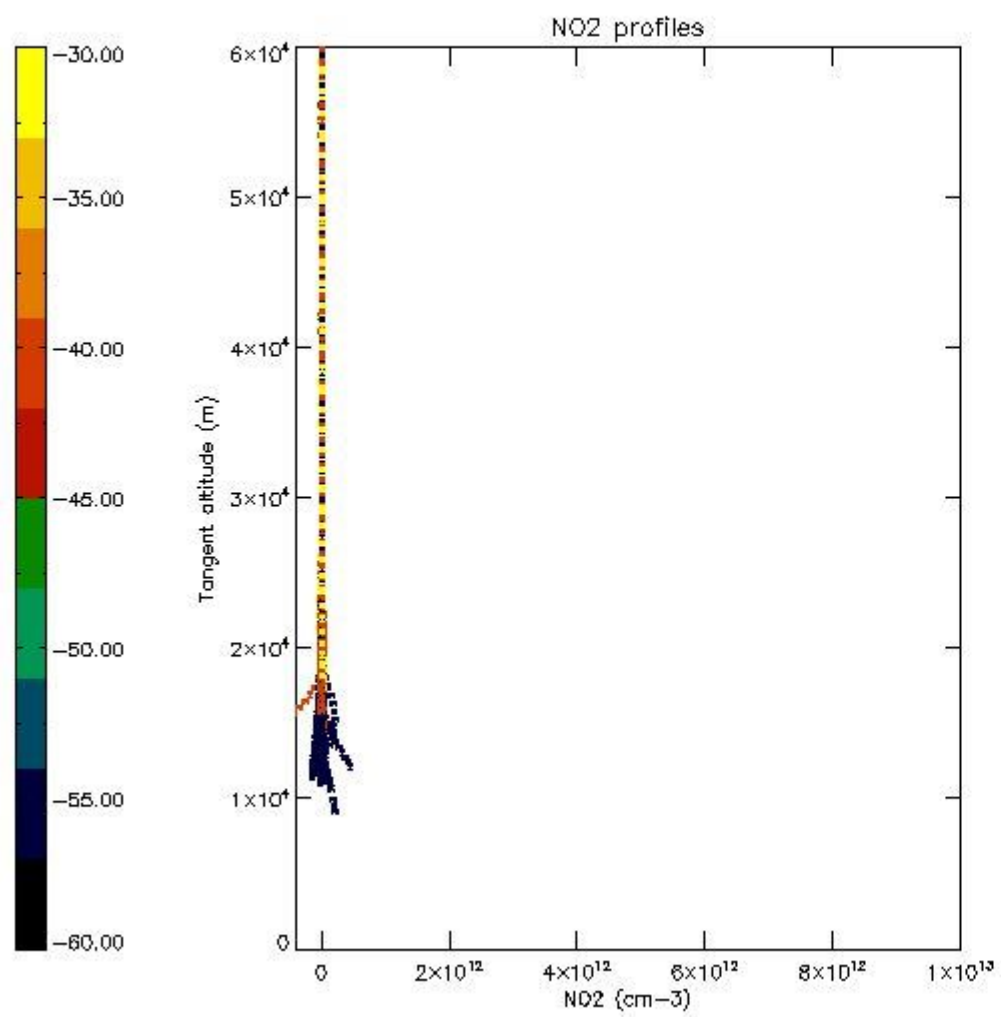
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



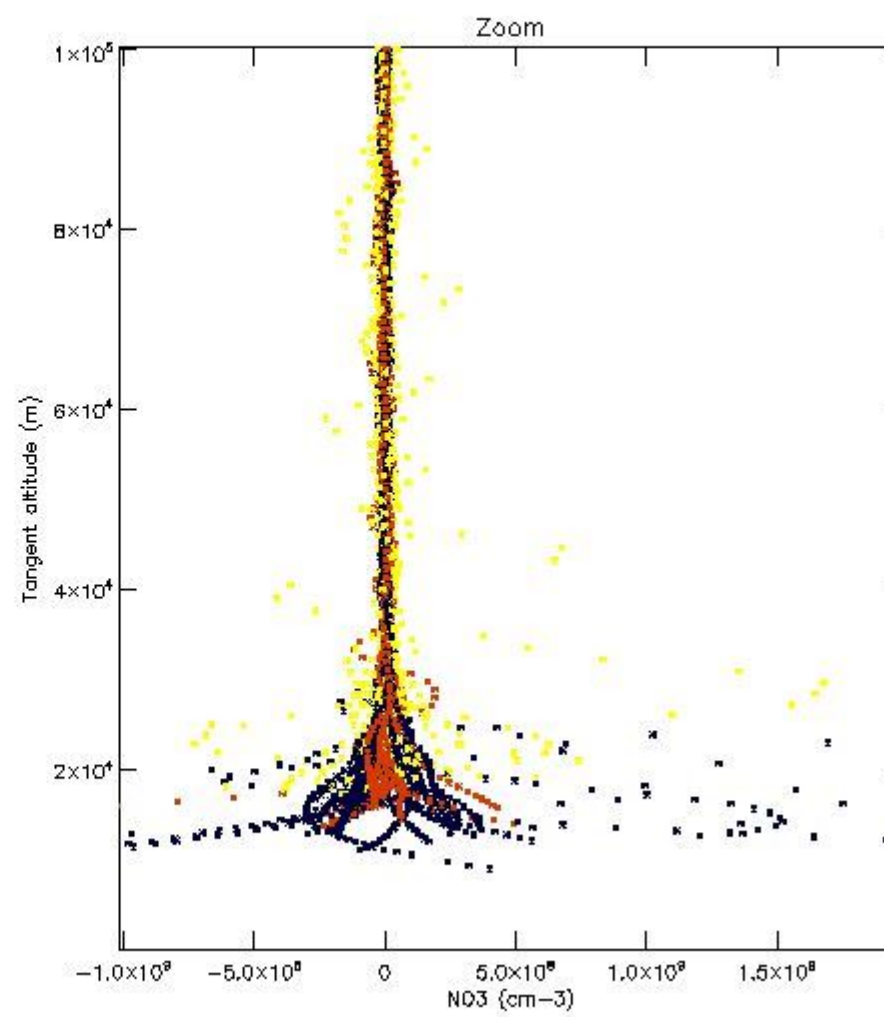
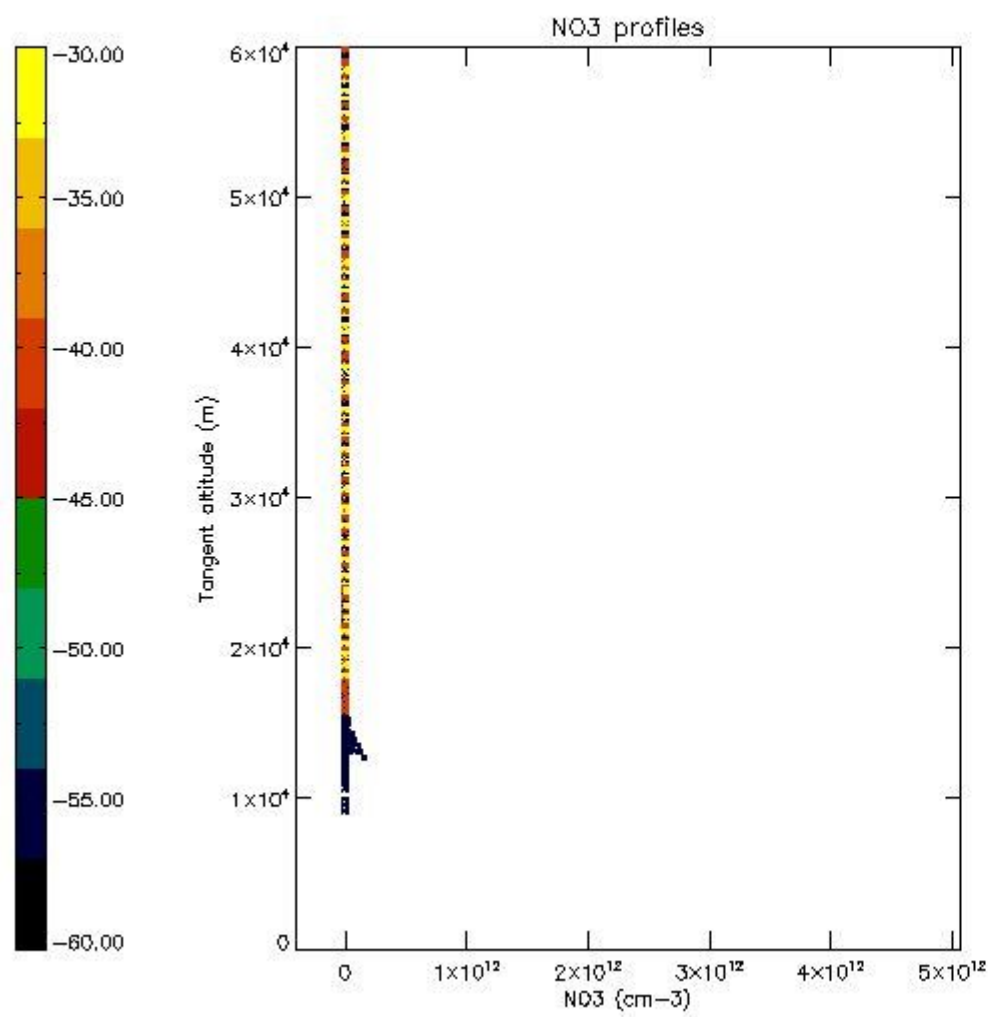
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



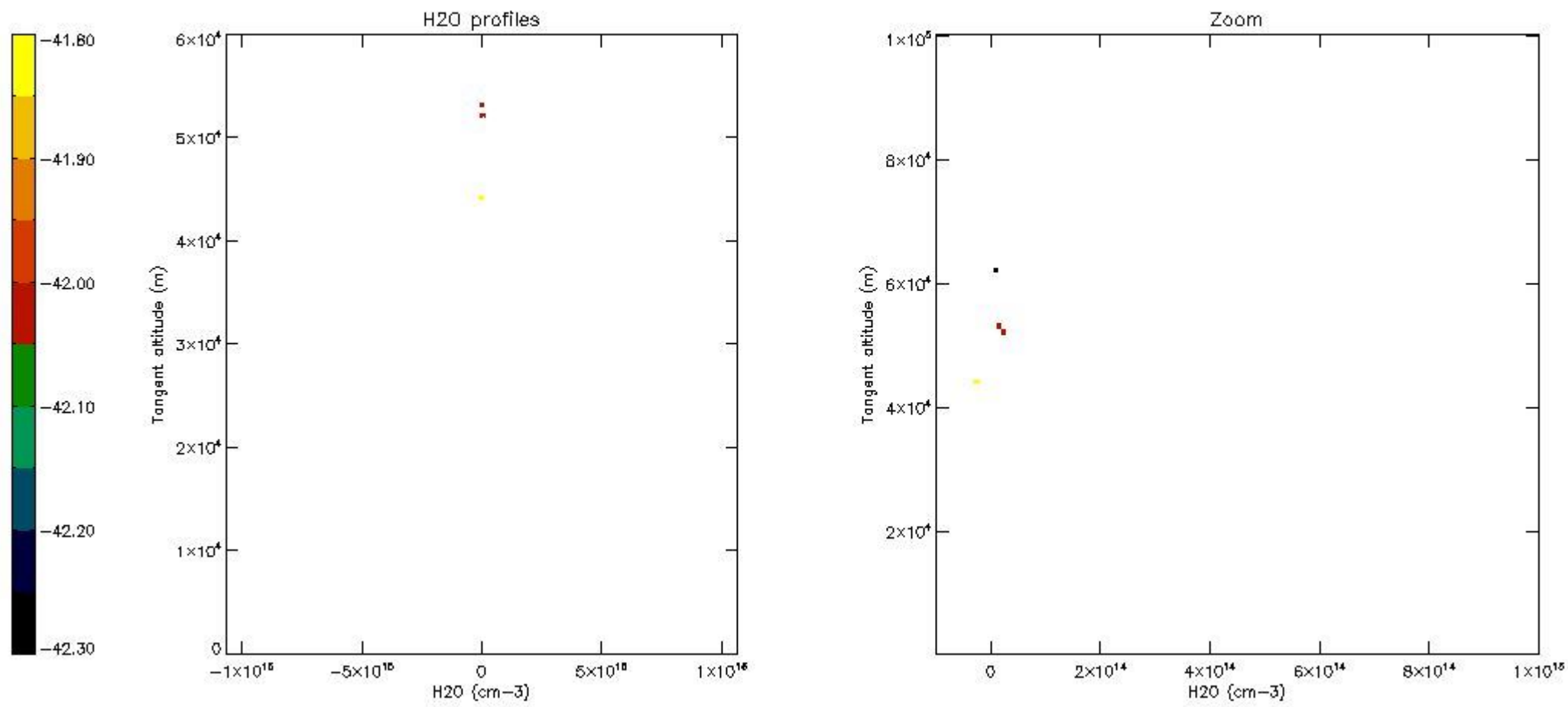
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

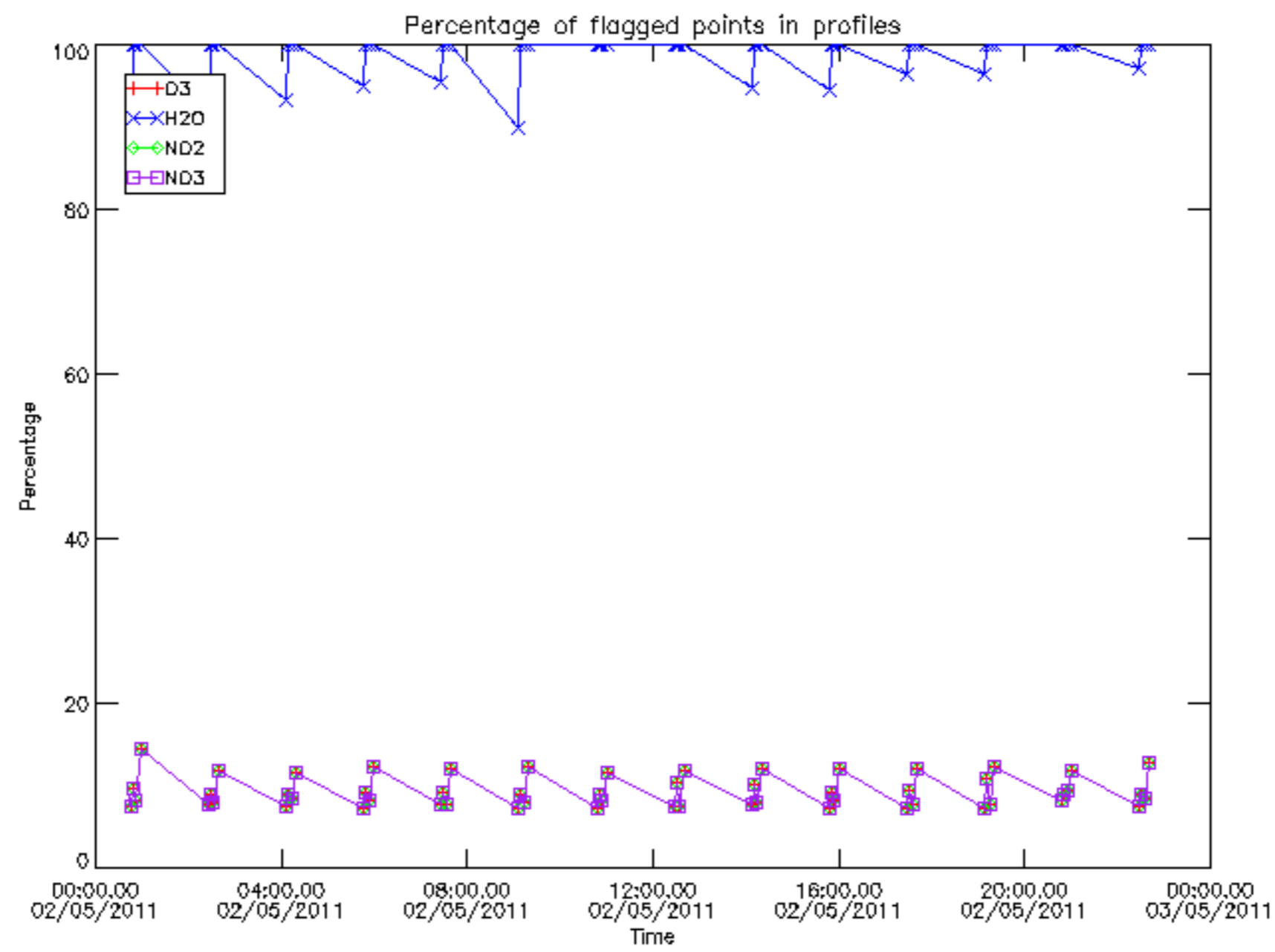
The colorbar represents the latitude.



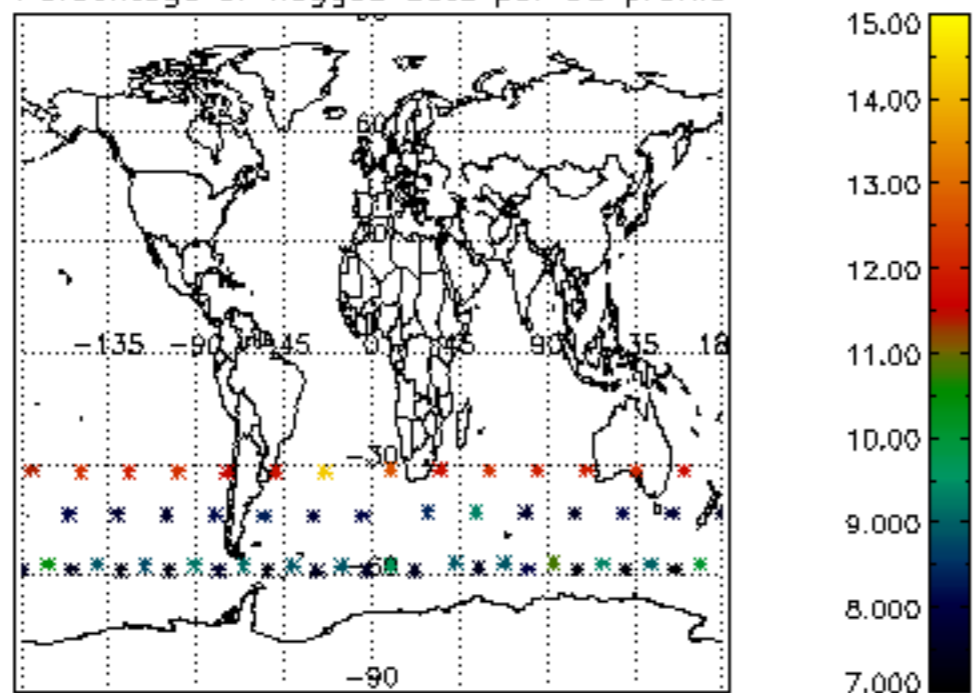
6. Auxiliary Data Files used for the production reported in section 2

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

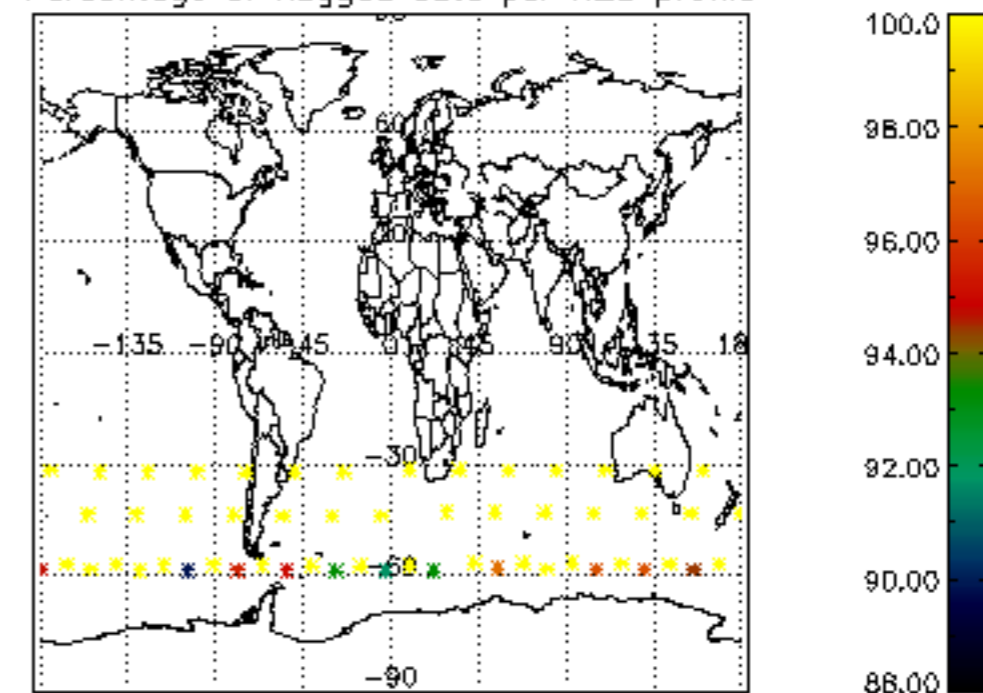
| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1 | 02-MAY-2011 00:02:24 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 02-MAY-2011 00:02:24 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 02-MAY-2011 00:02:24 |



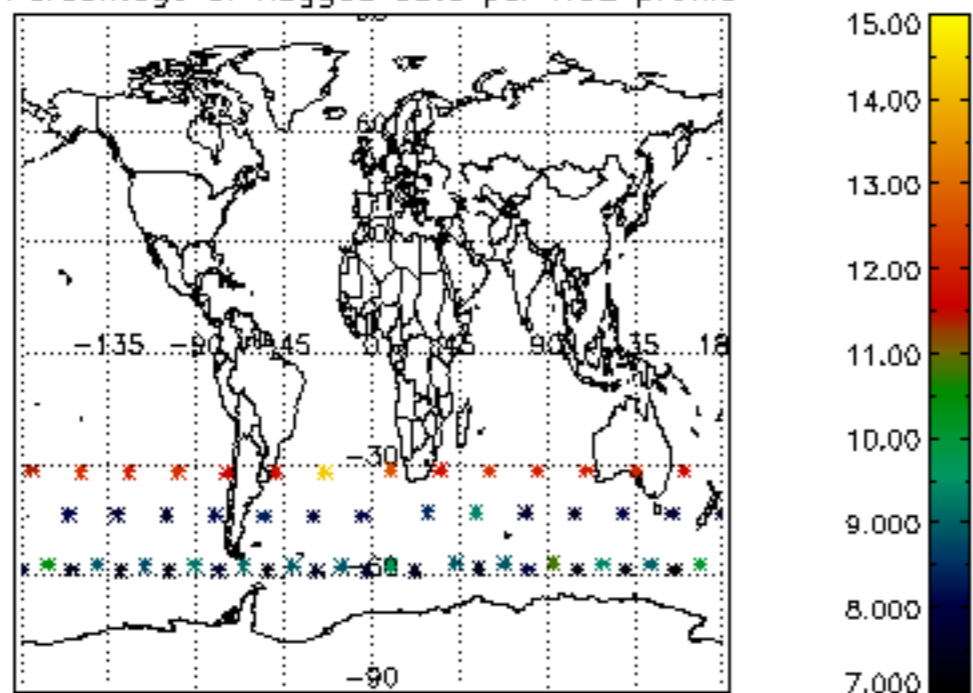
Percentage of flagged data per D3 profile



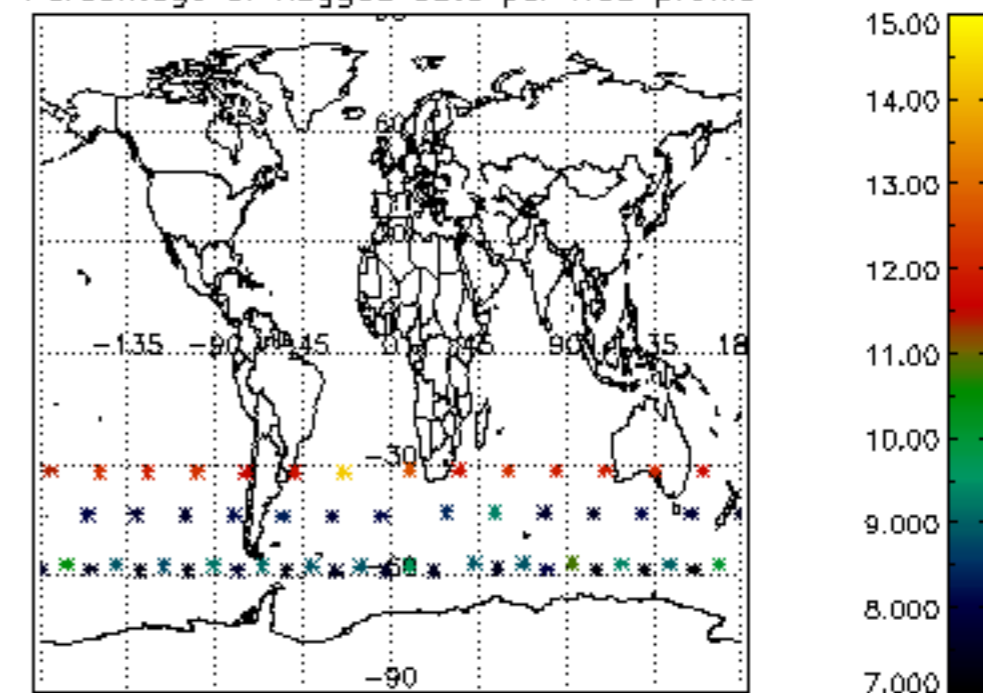
Percentage of flagged data per H2O profile

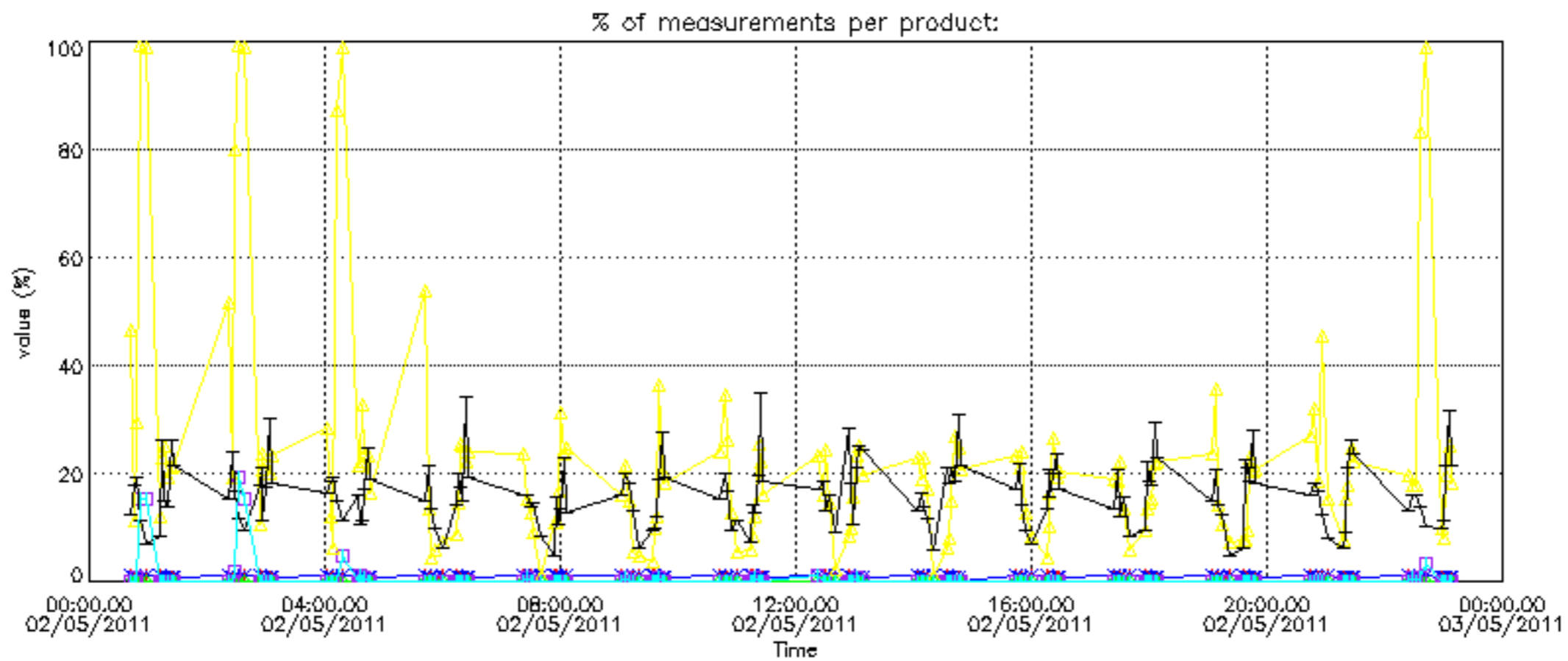
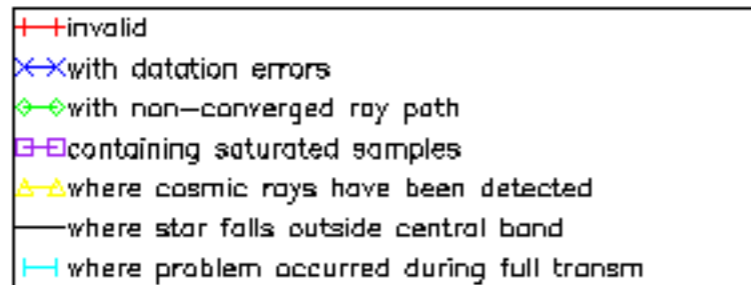


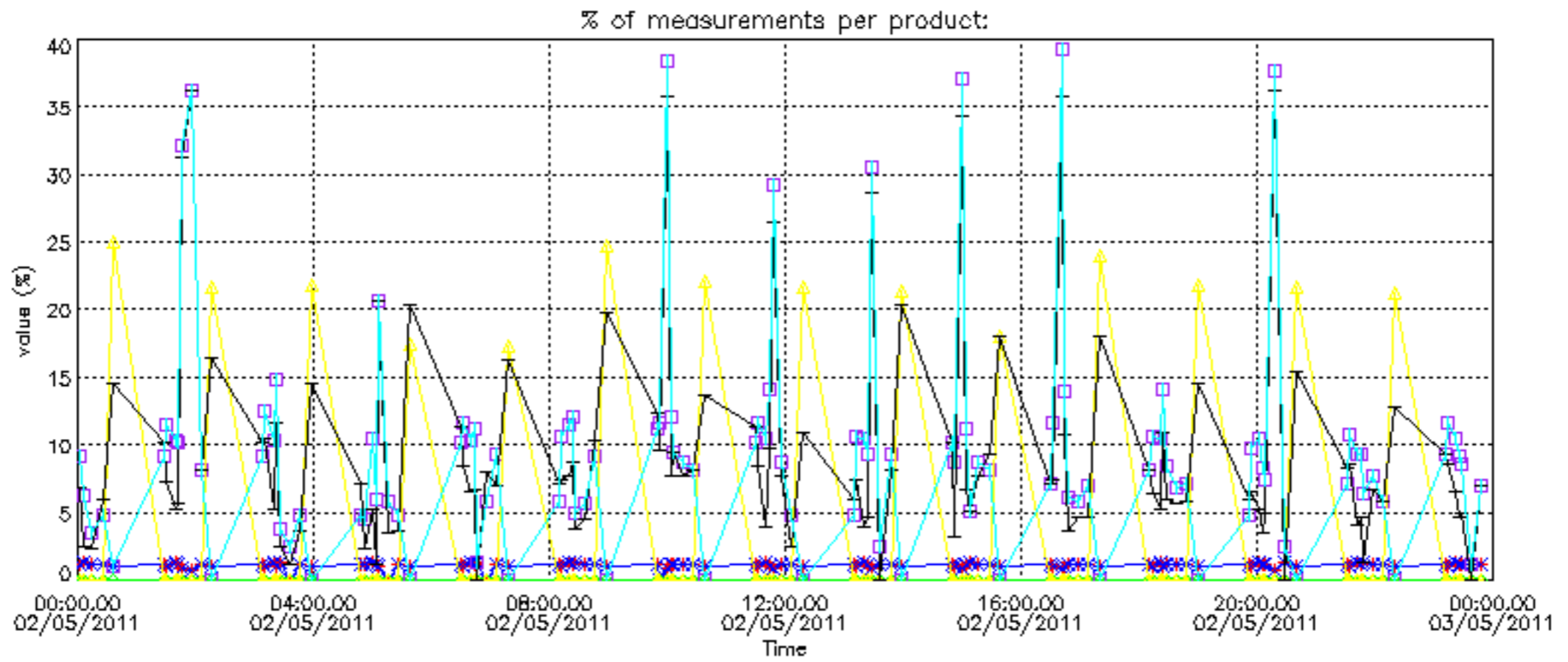
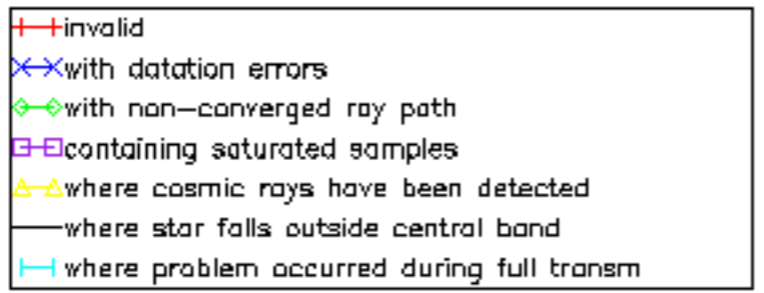
Percentage of flagged data per NO2 profile



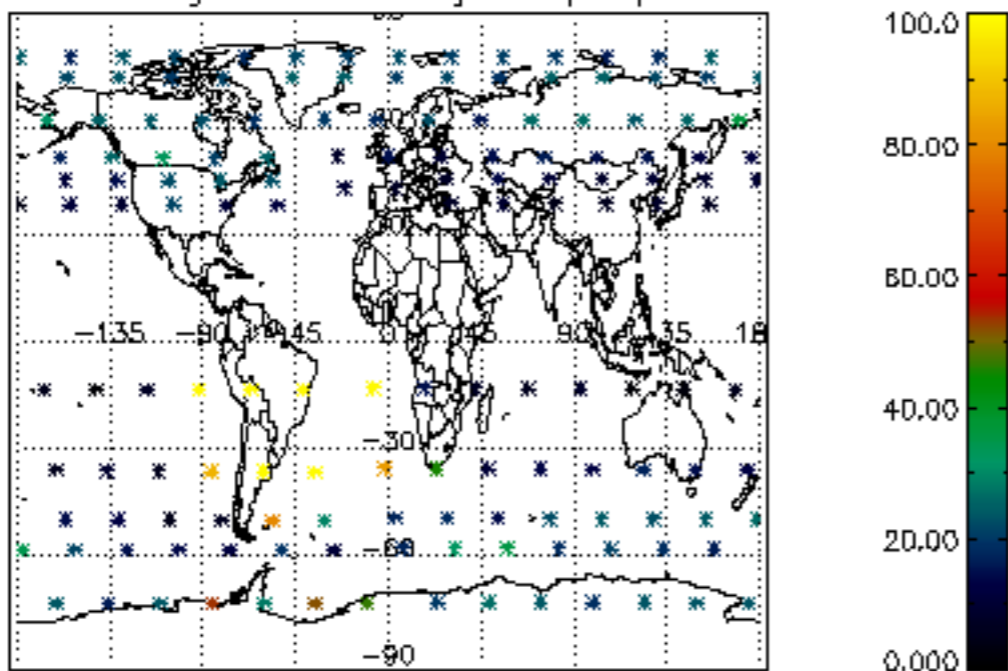
Percentage of flagged data per NO3 profile



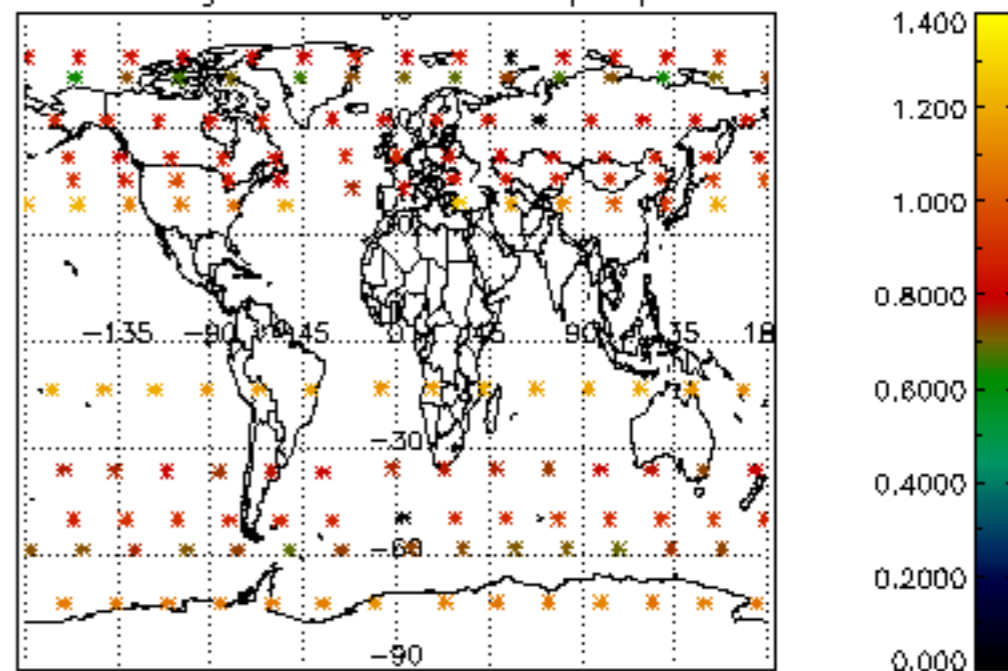




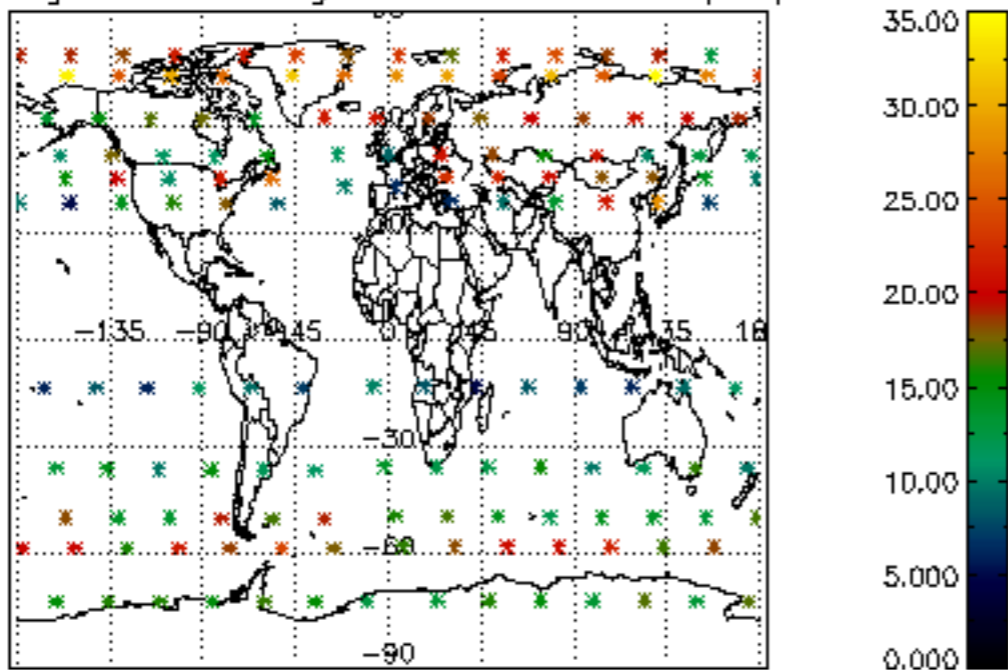
Percentage of cosmic ray hits per profile



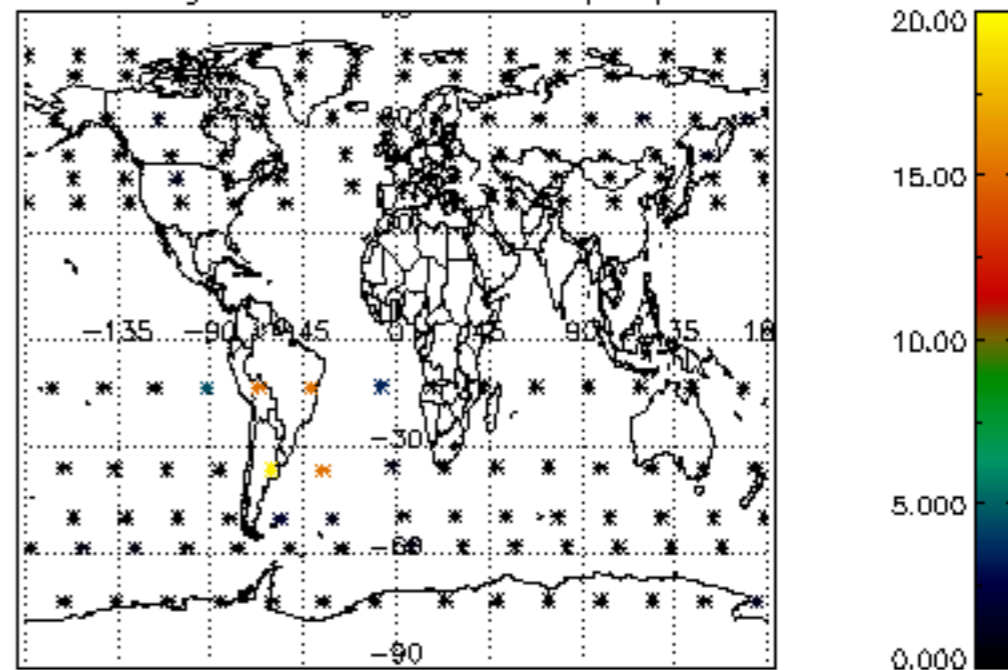
Percentage of datation errors per profile



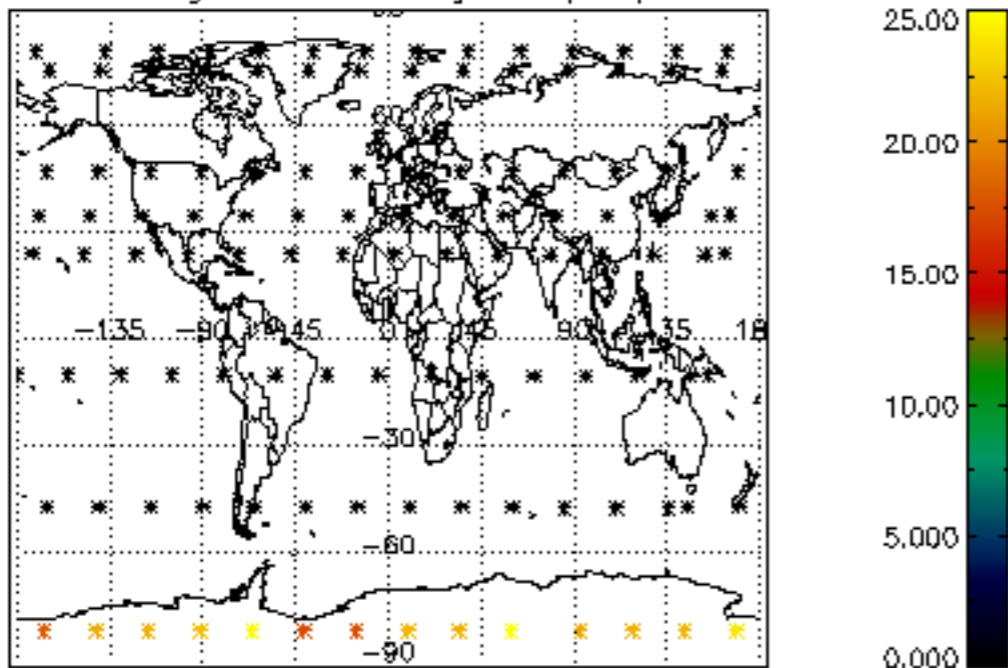
Percentage of star falling outside central band per profile



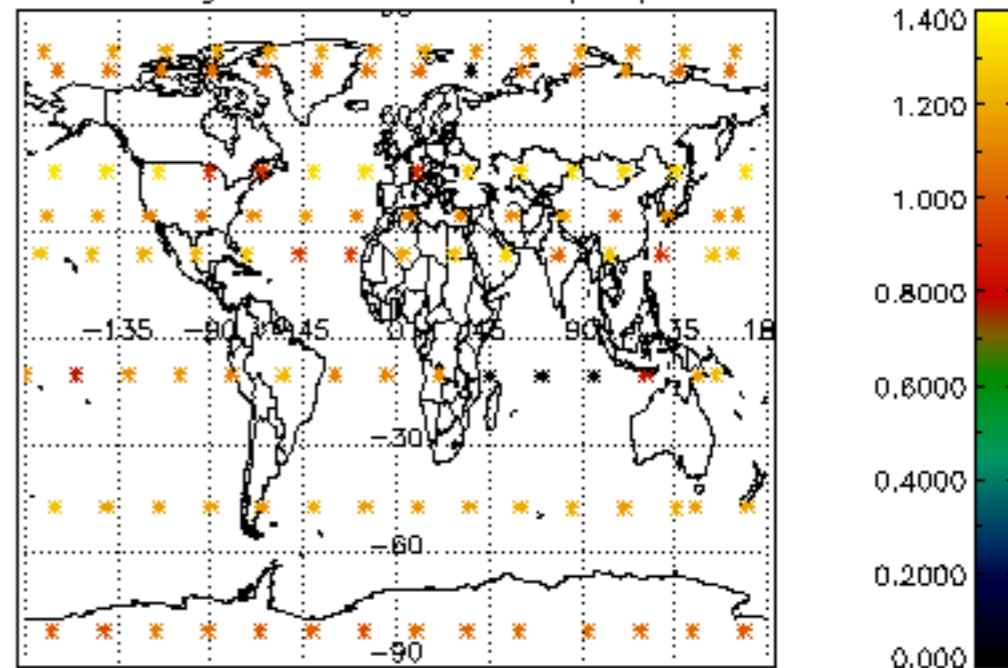
Percentage of saturation errors per profile



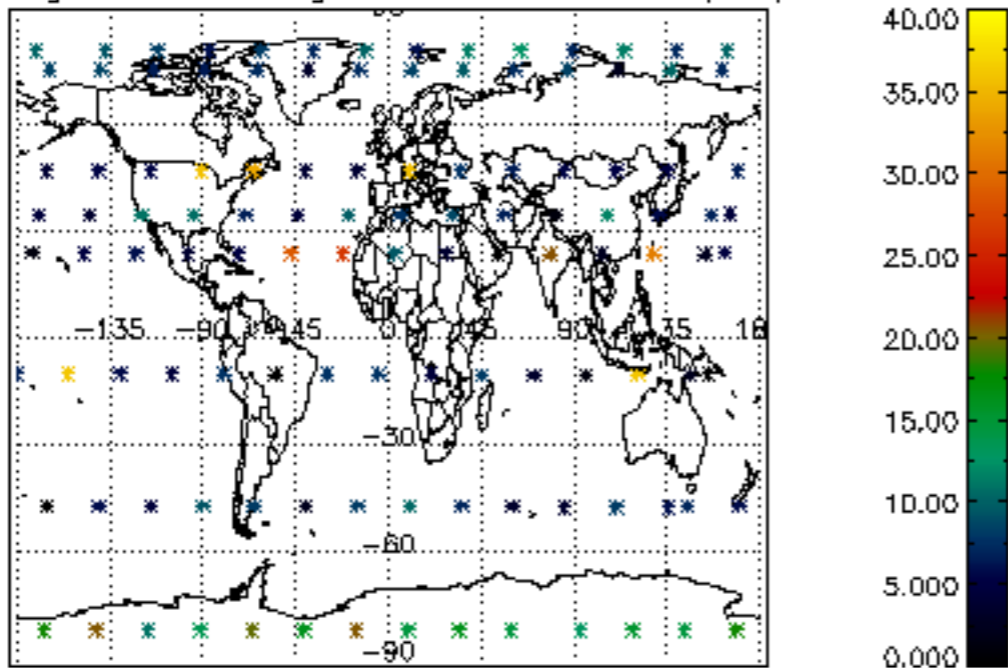
Percentage of cosmic ray hits per profile



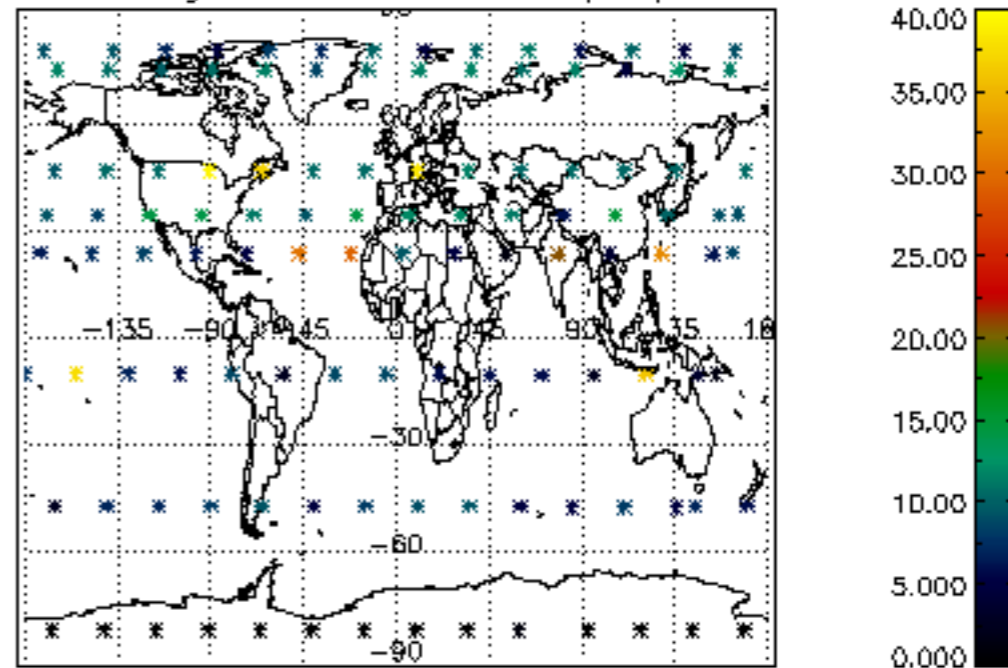
Percentage of datation errors per profile

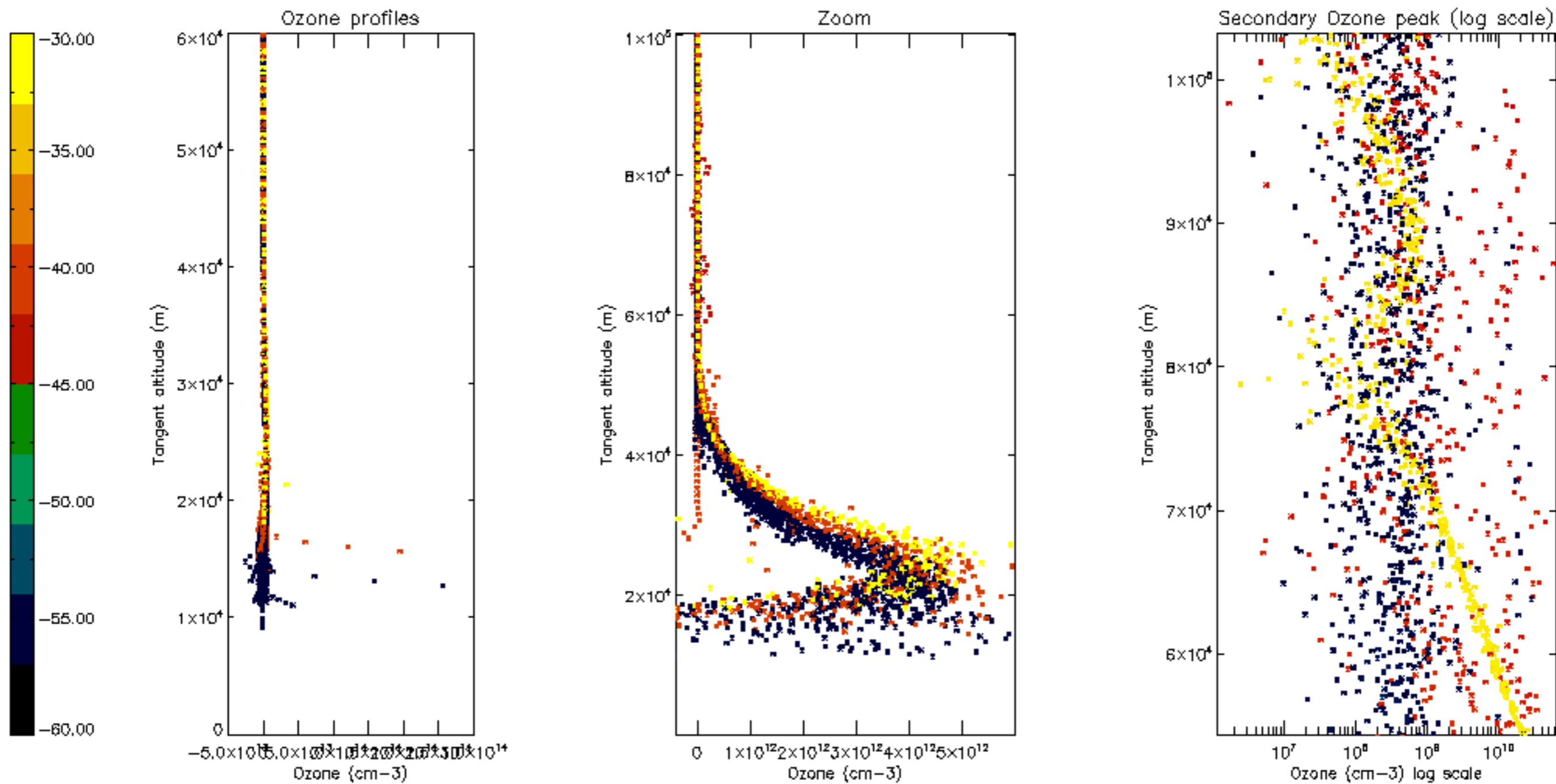


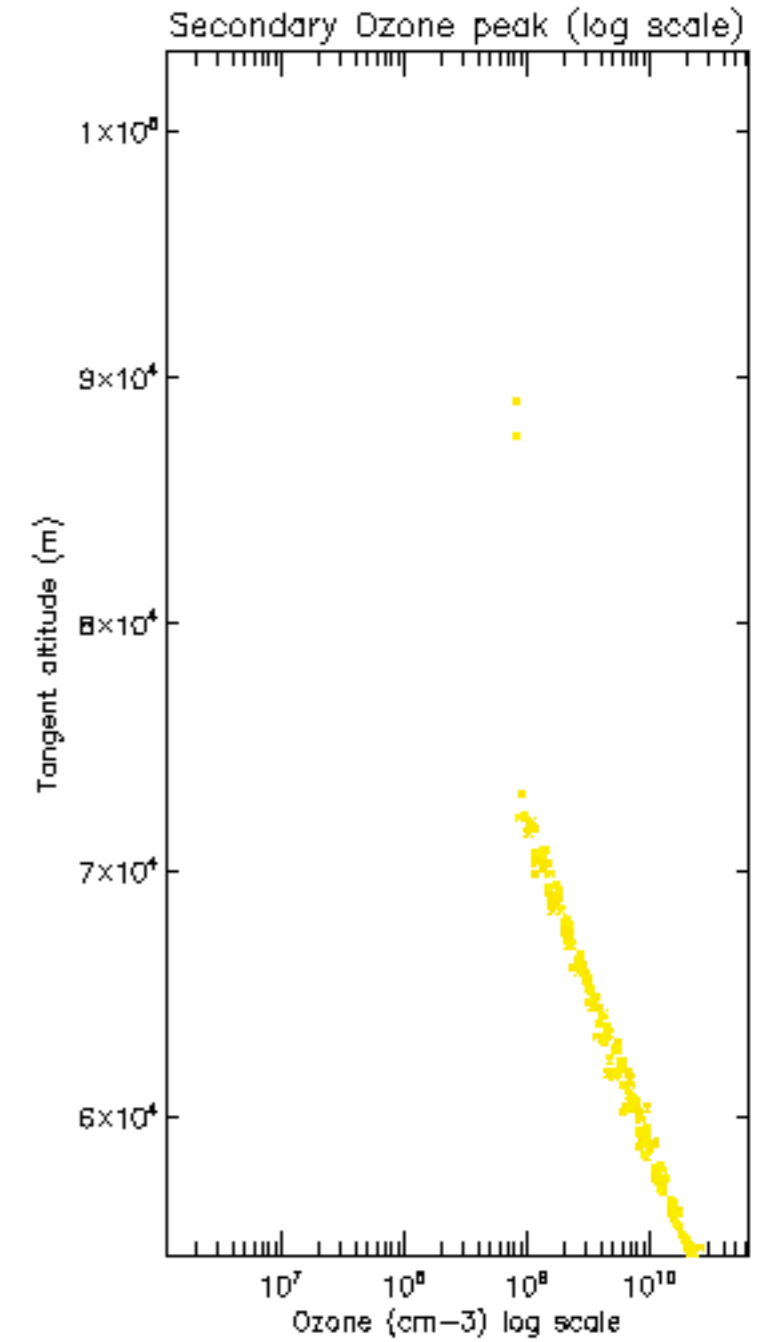
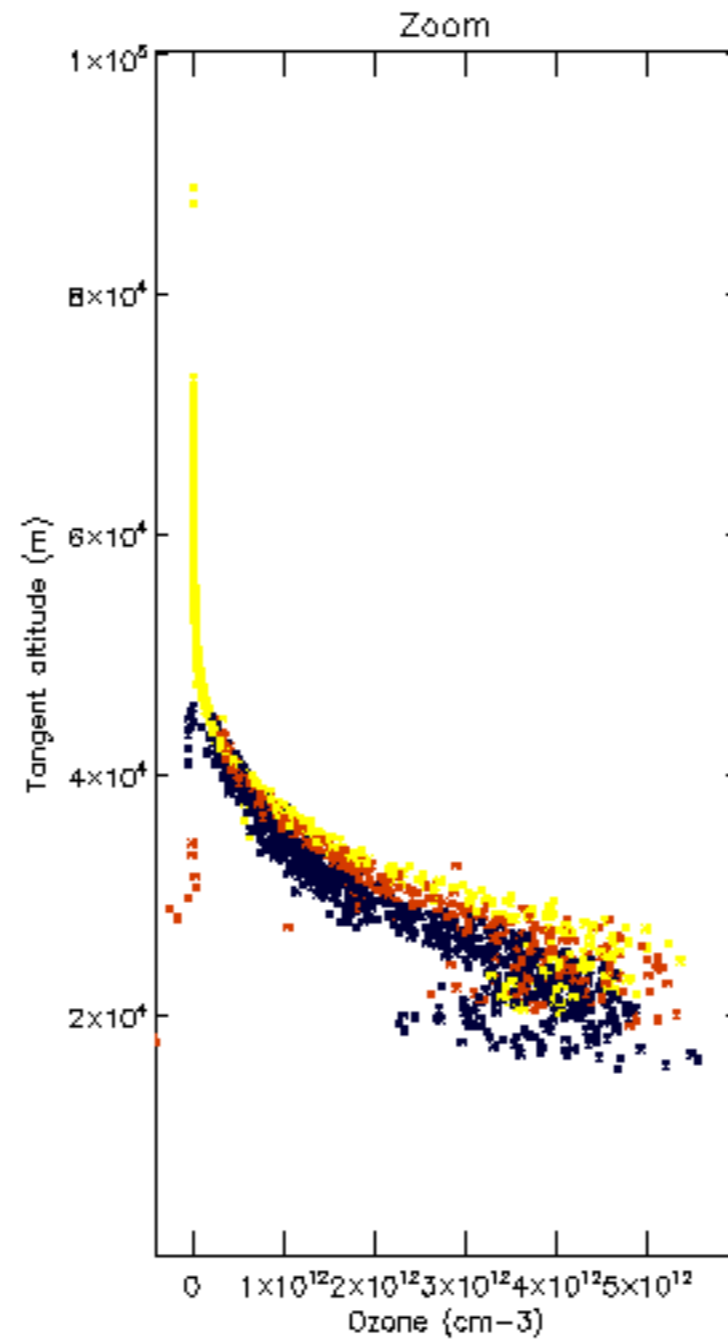
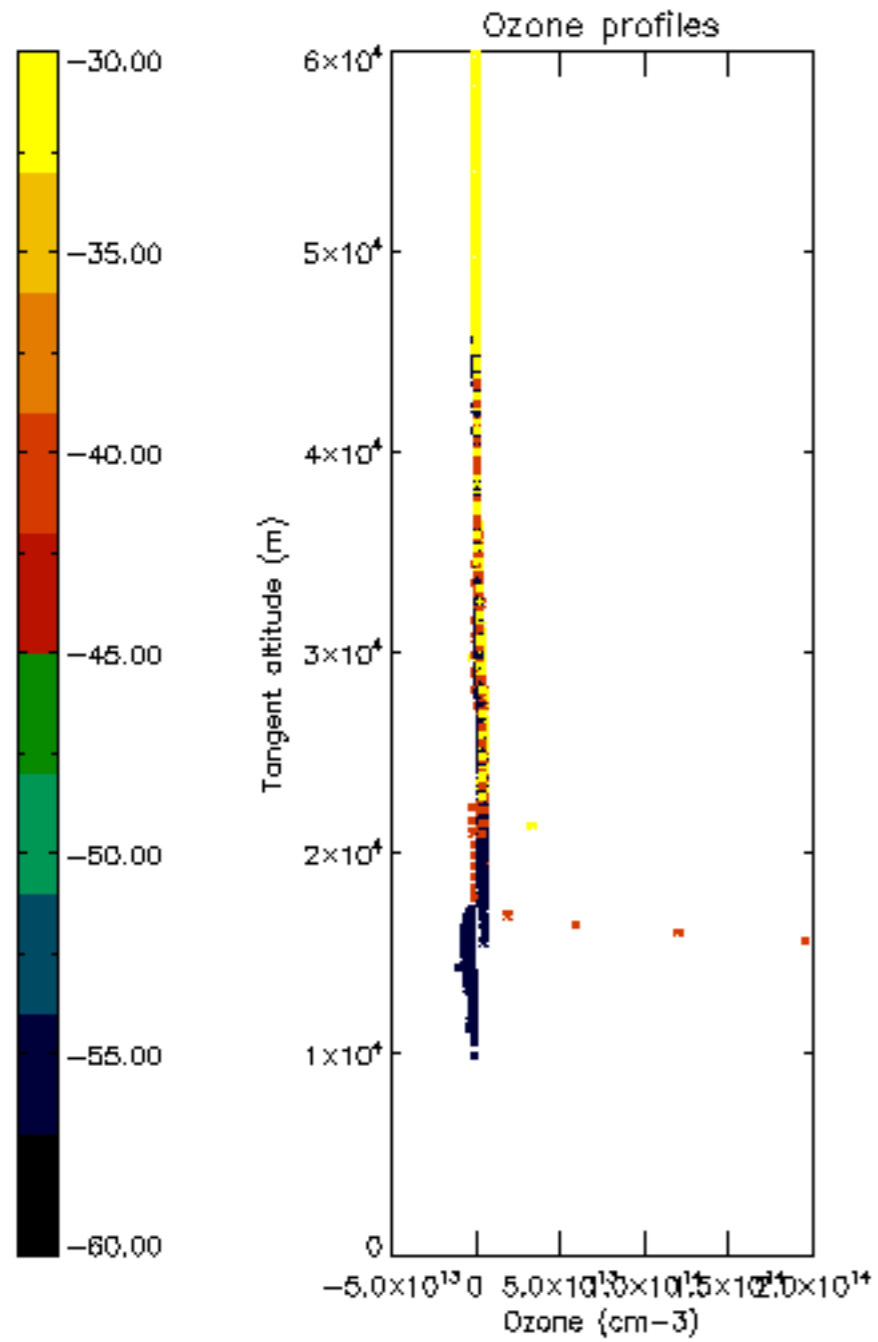
Percentage of star falling outside central band per profile

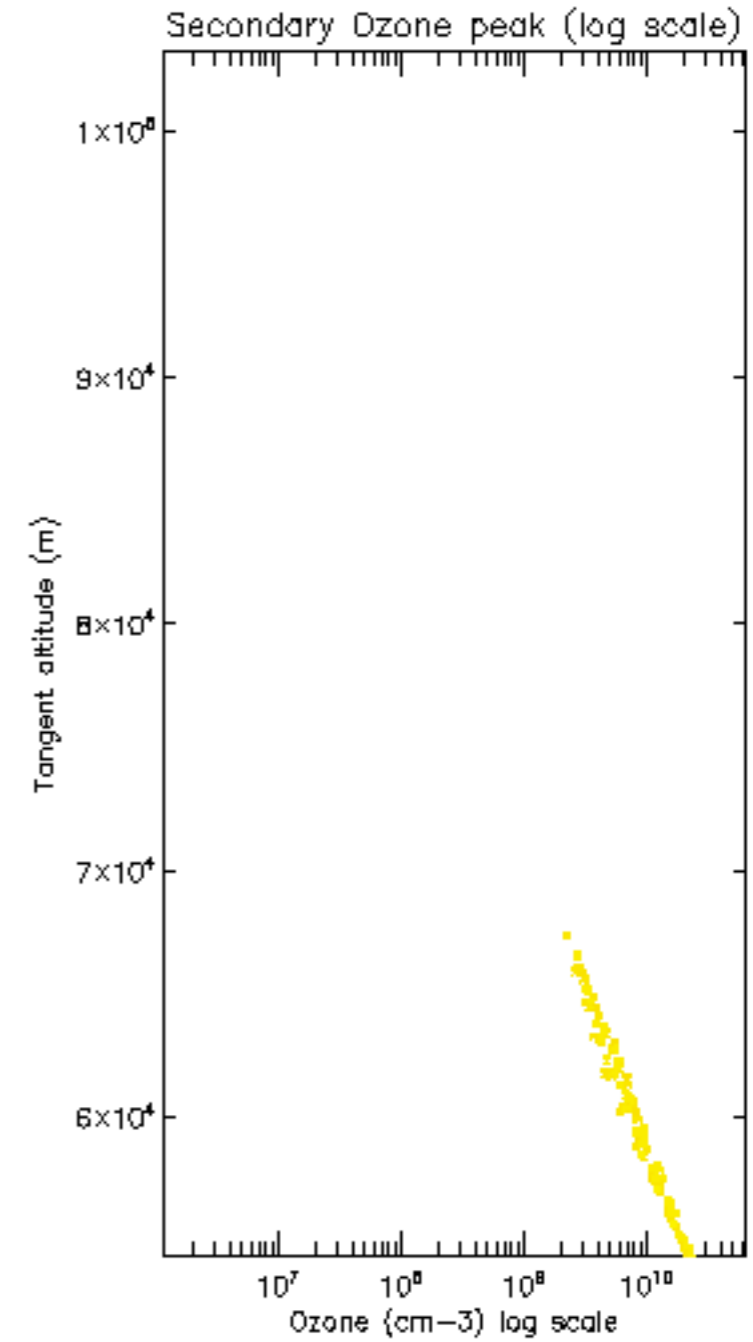
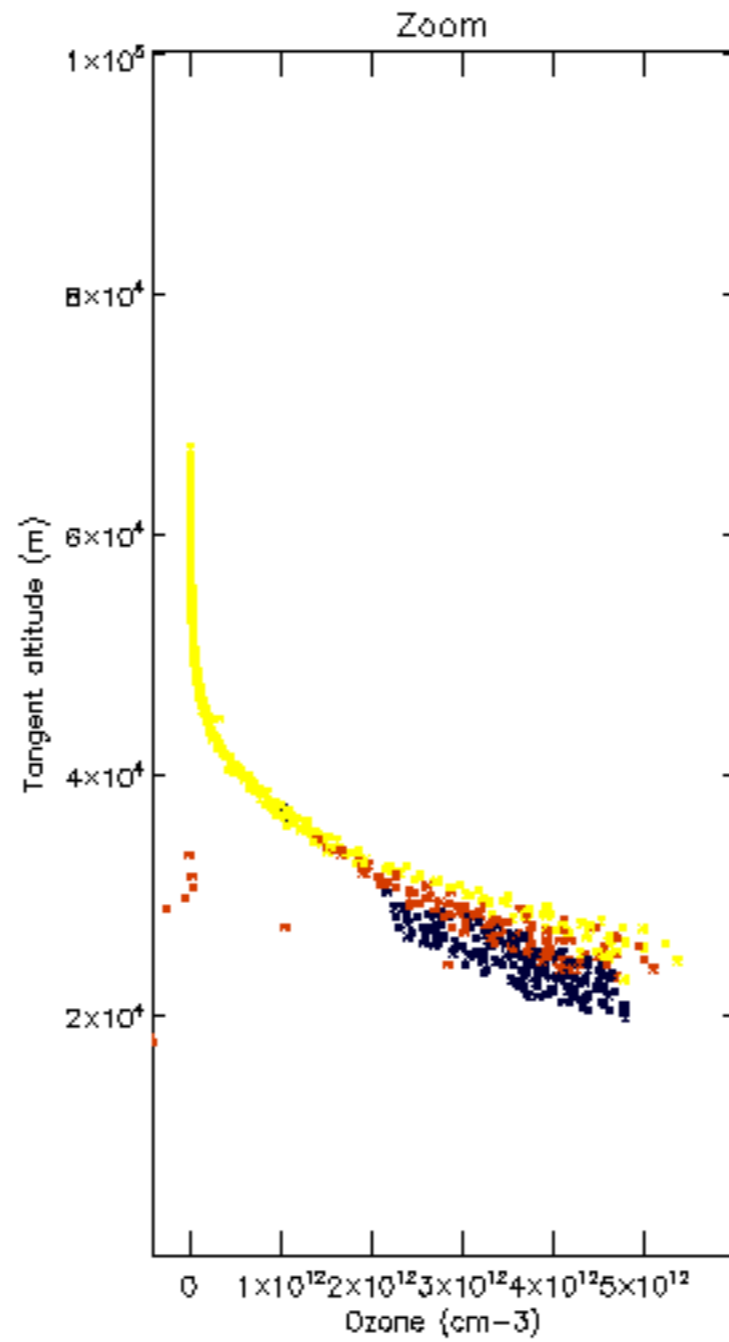
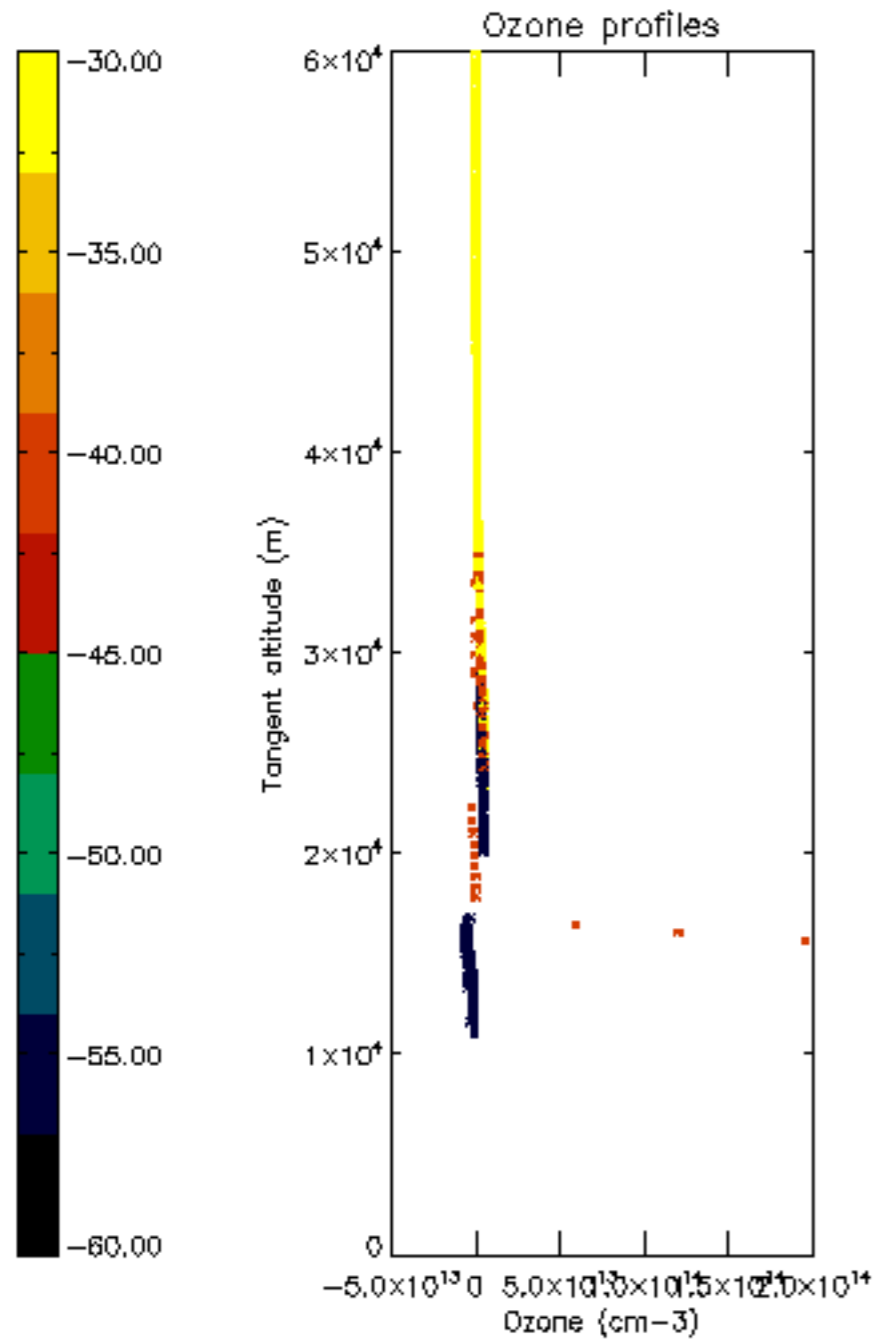


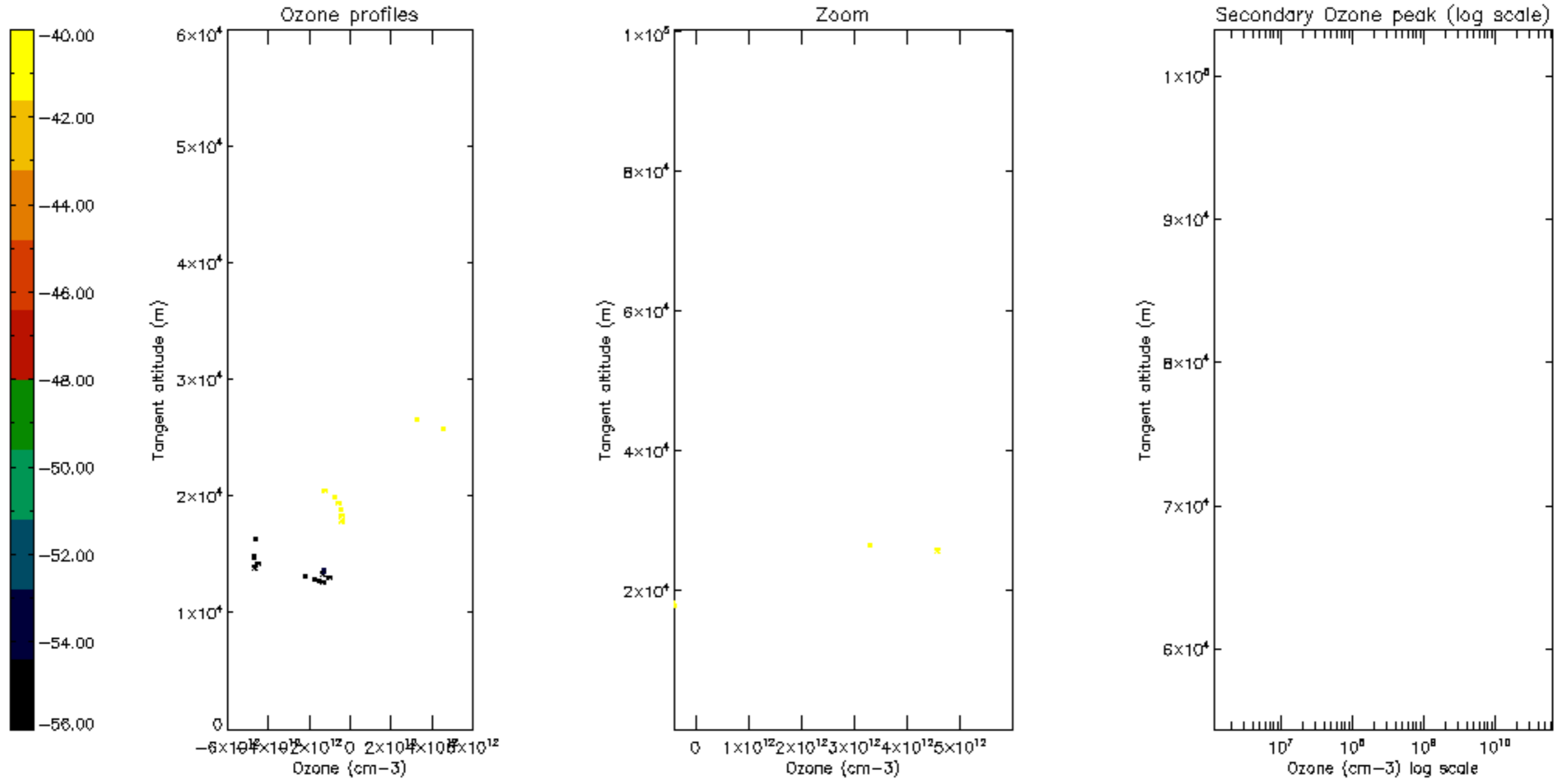
Percentage of saturation errors per profile

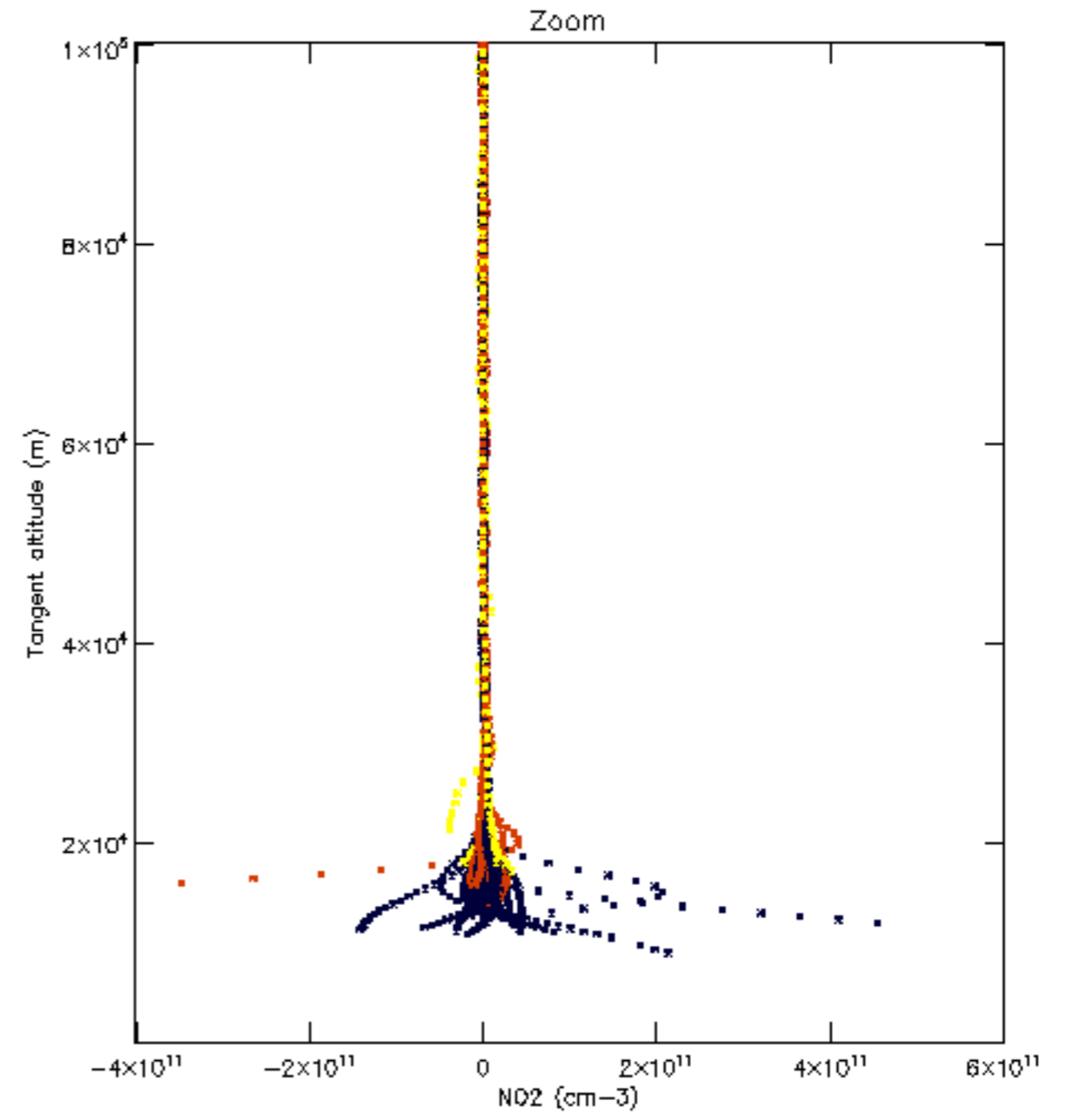
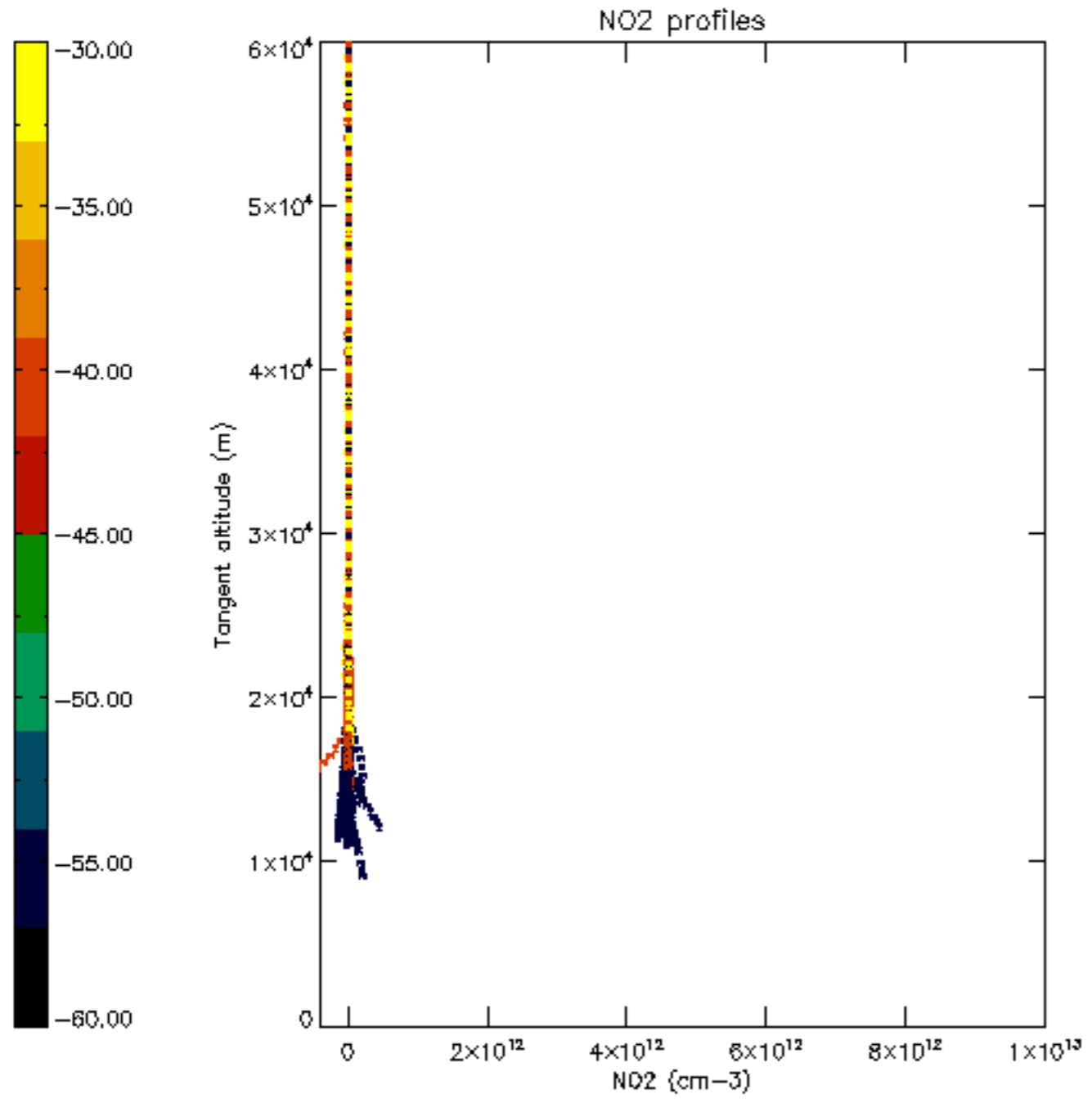


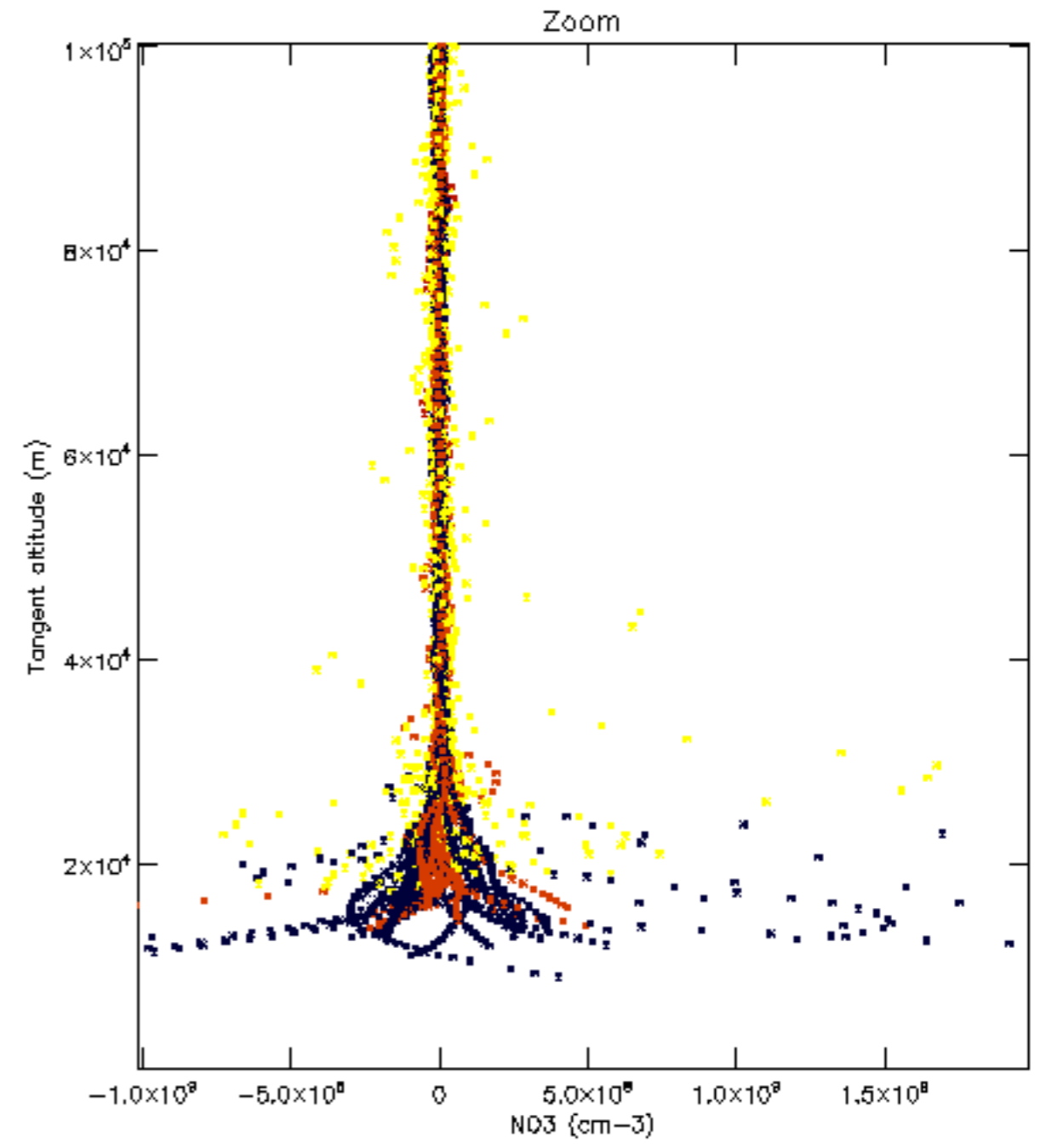
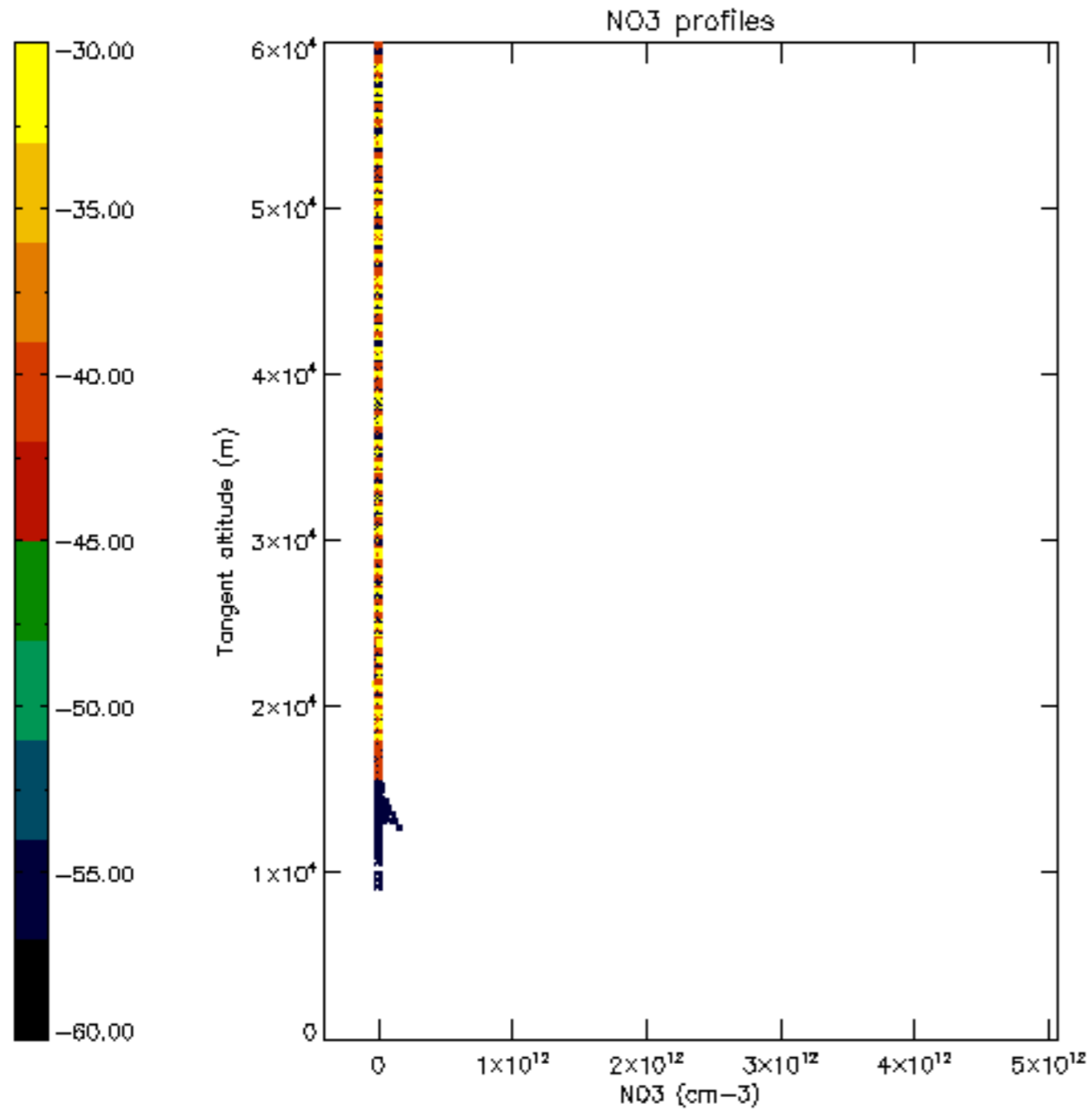


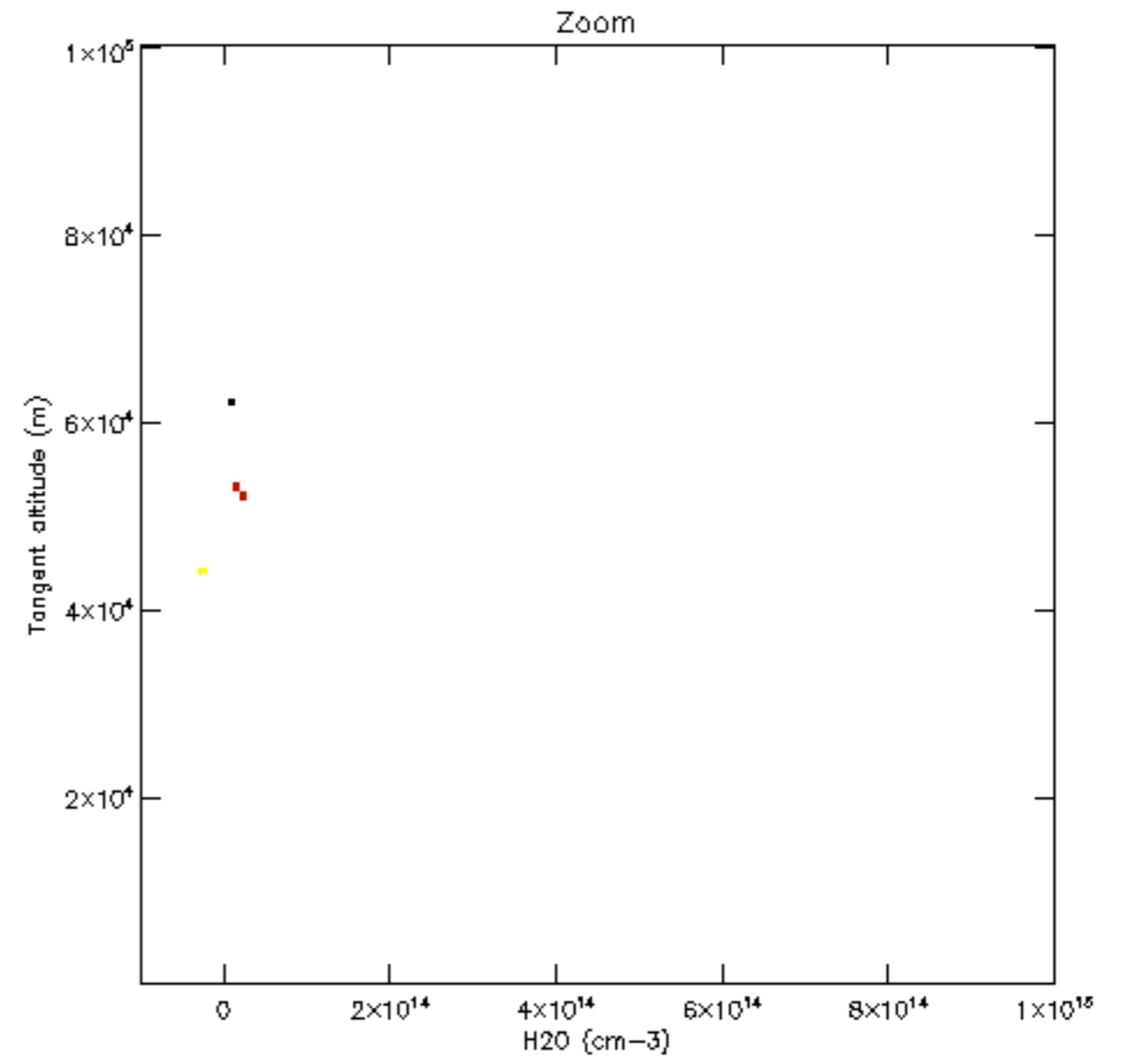
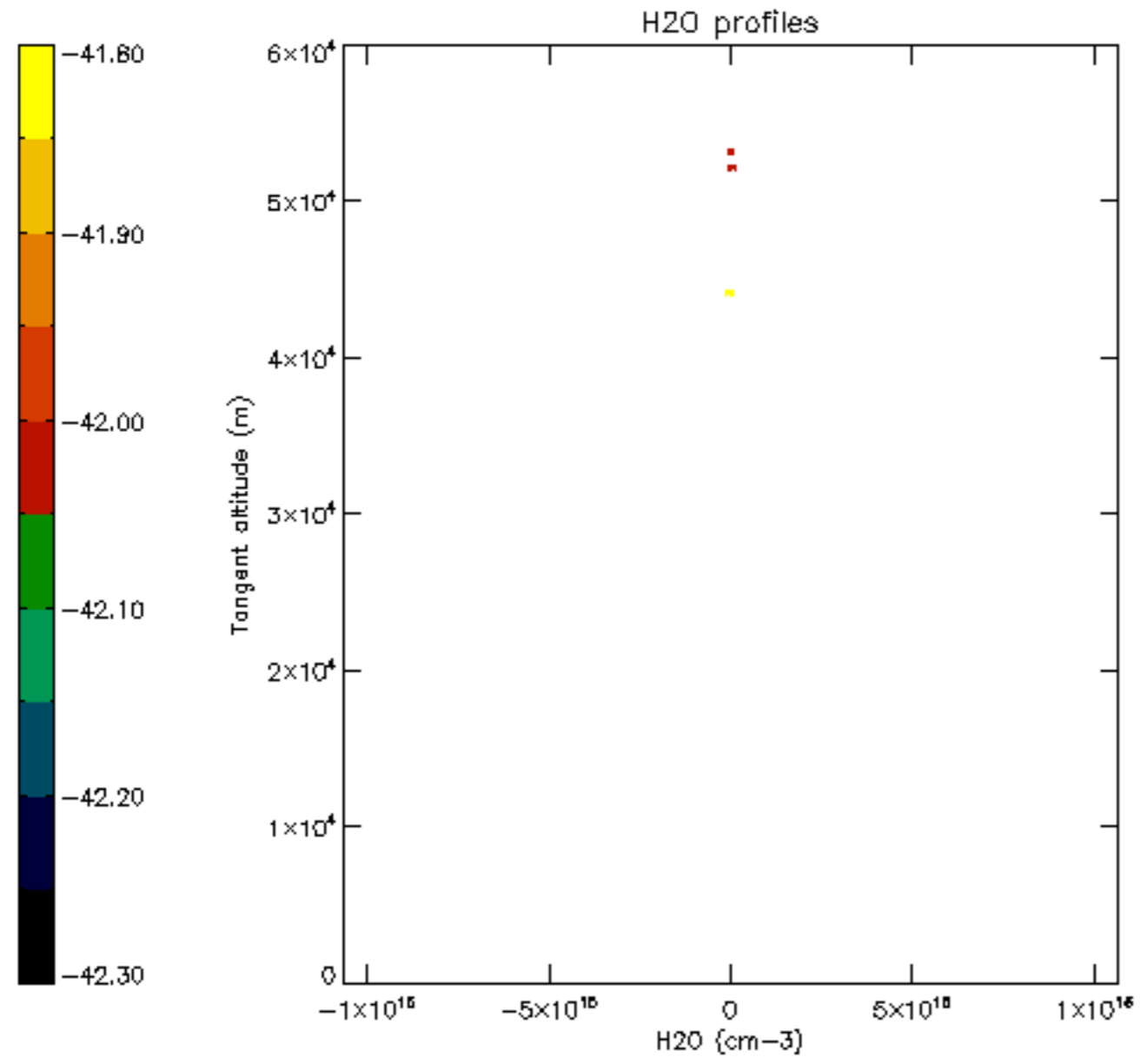


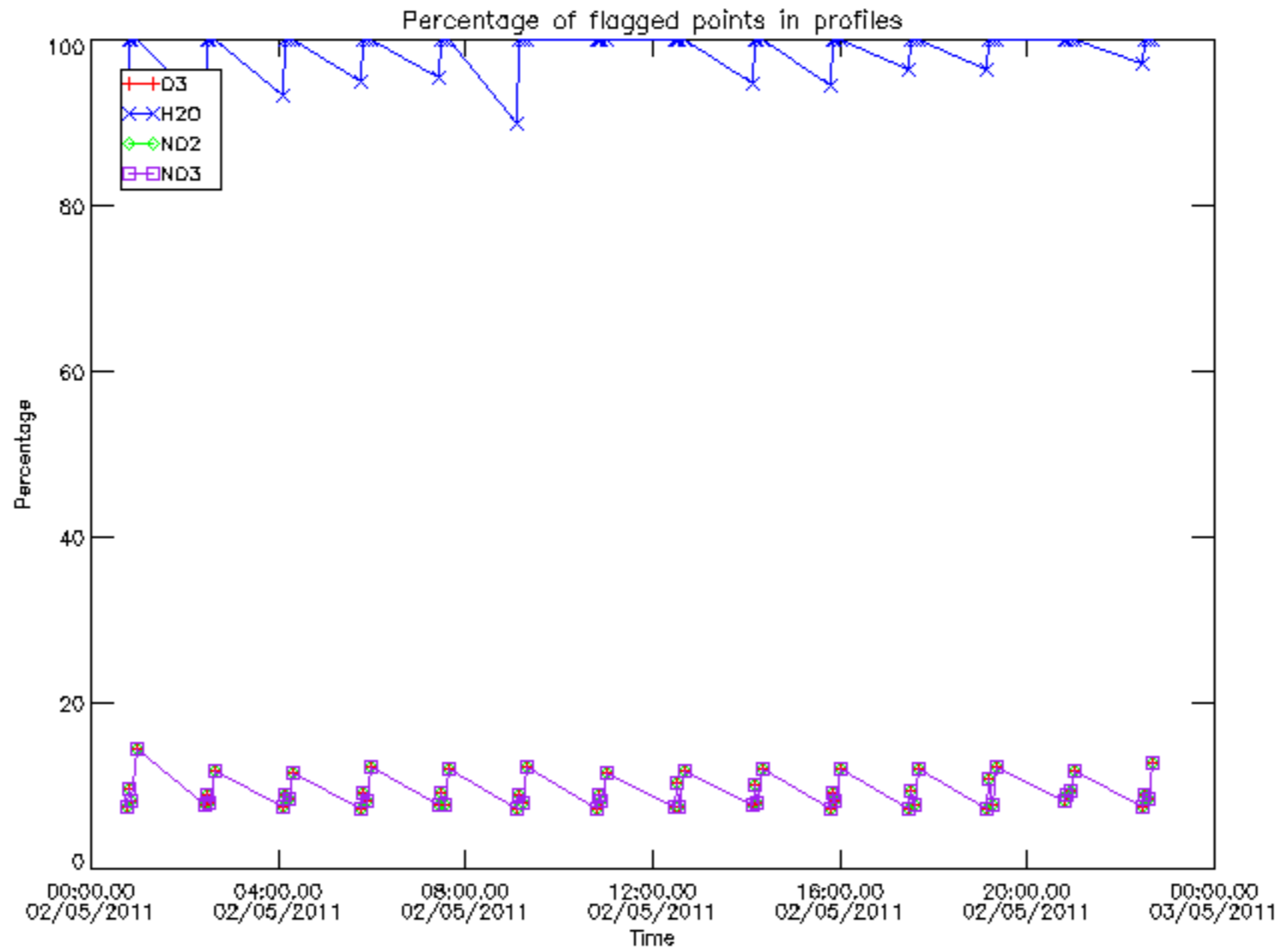




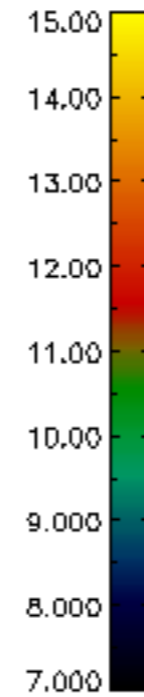
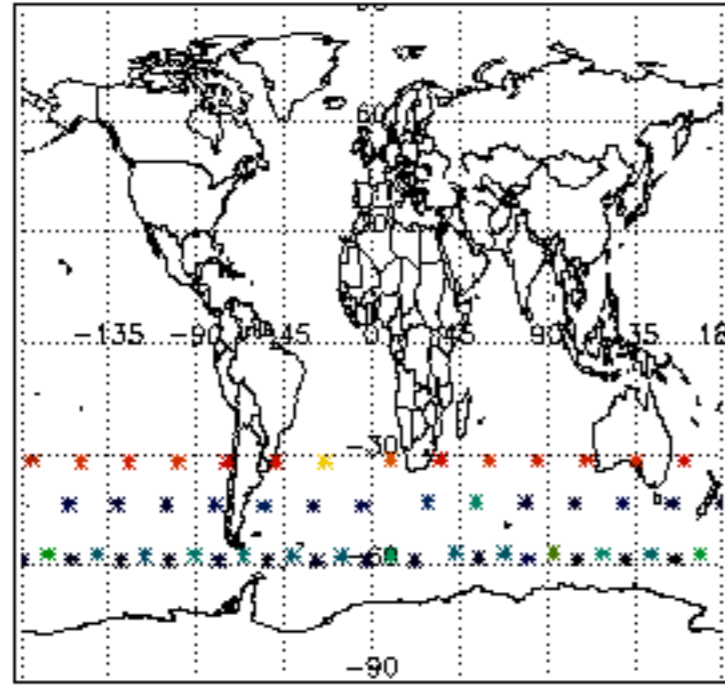




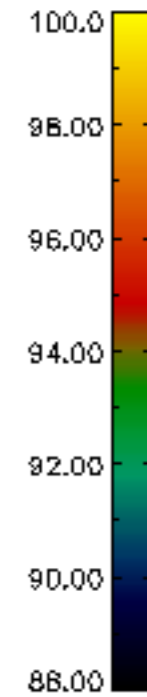
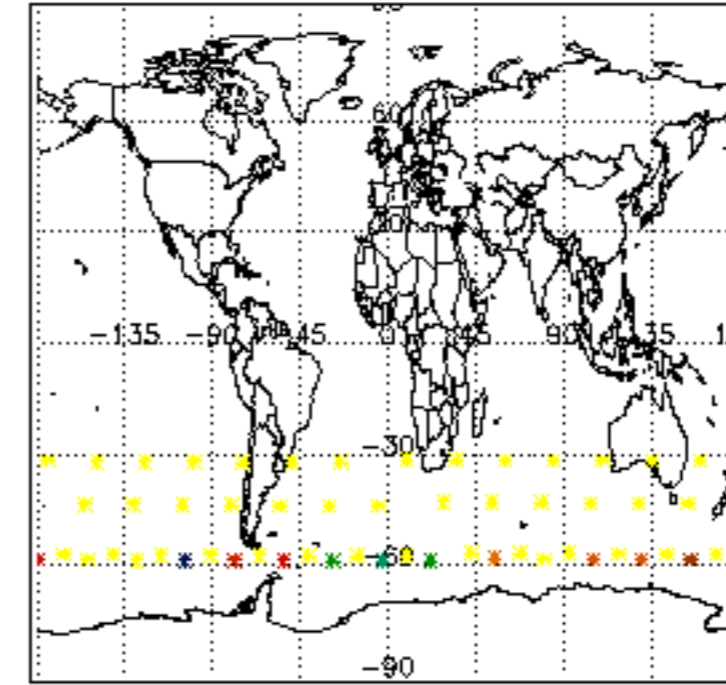




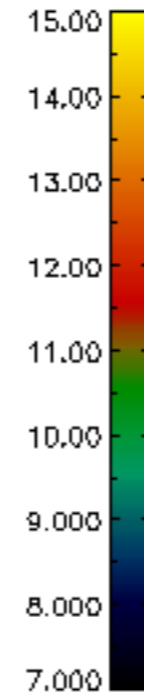
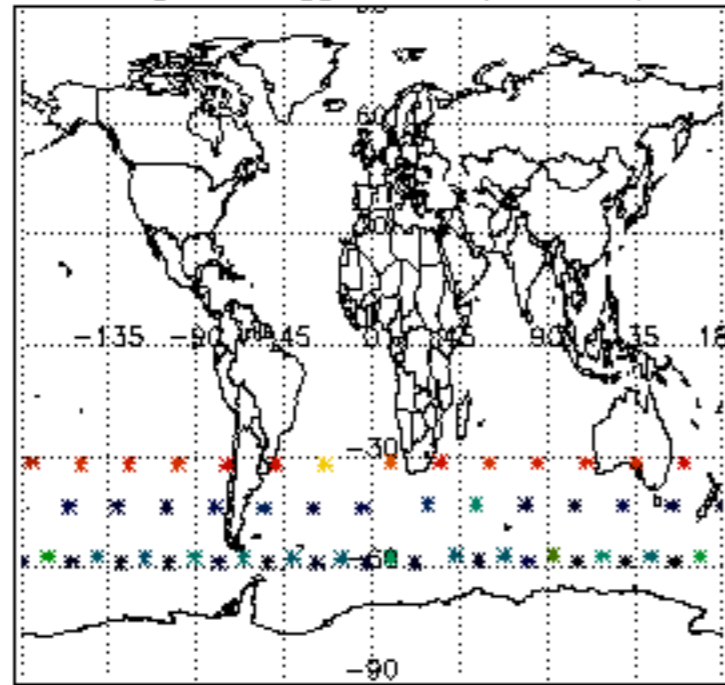
Percentage of flagged data per D3 profile



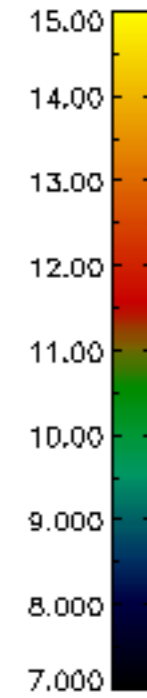
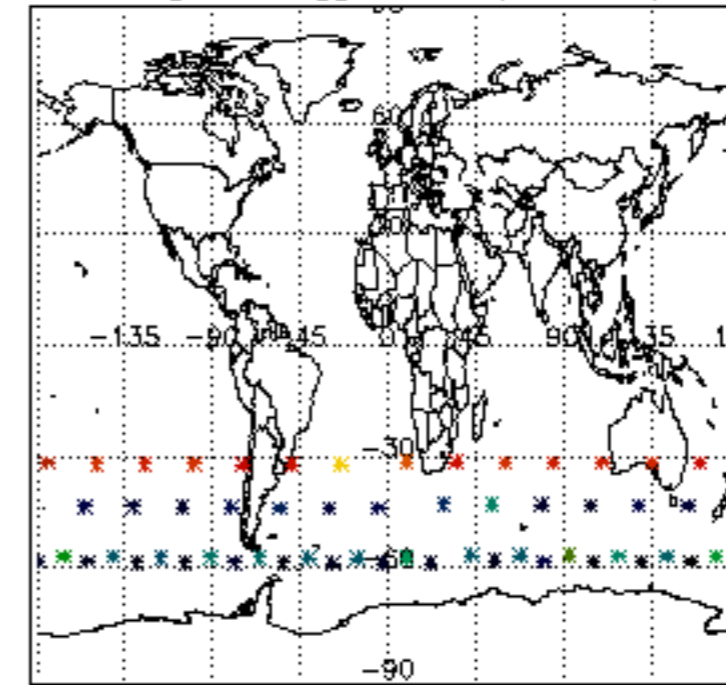
Percentage of flagged data per H2O profile

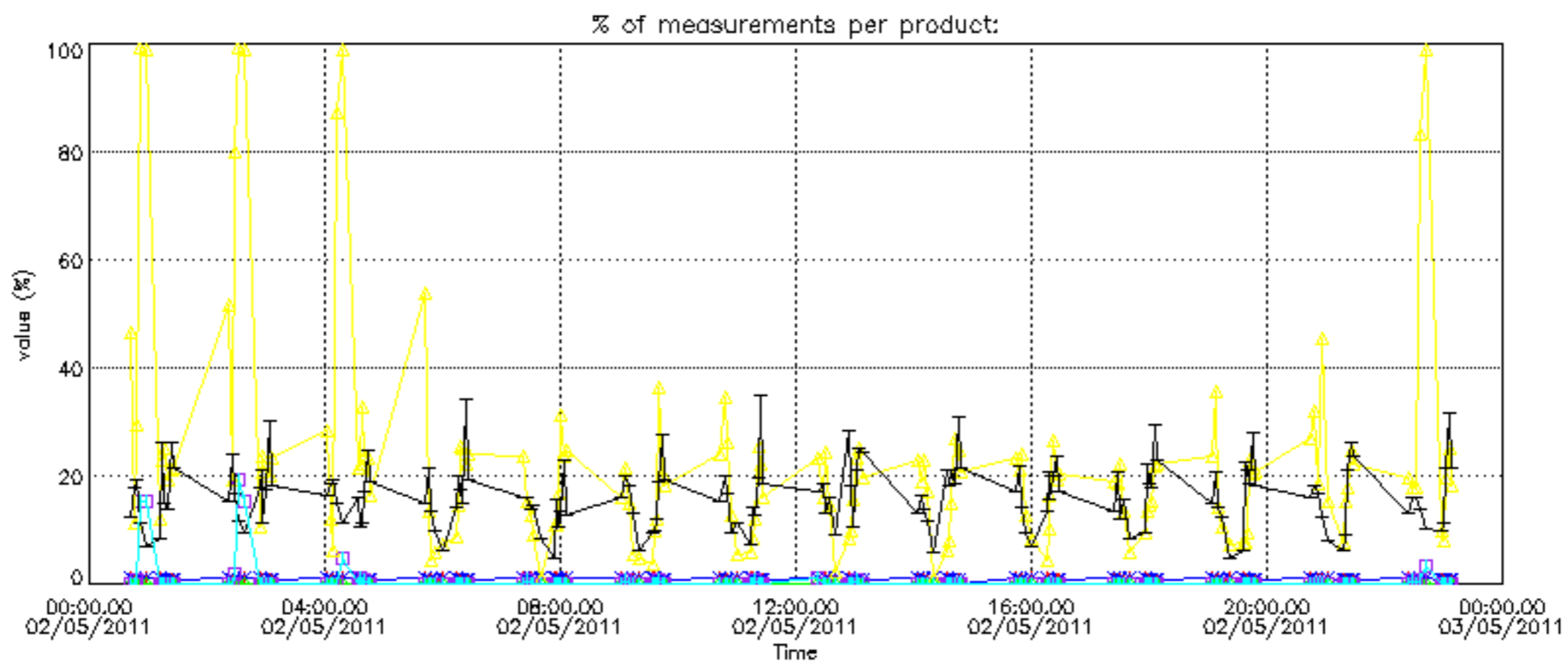
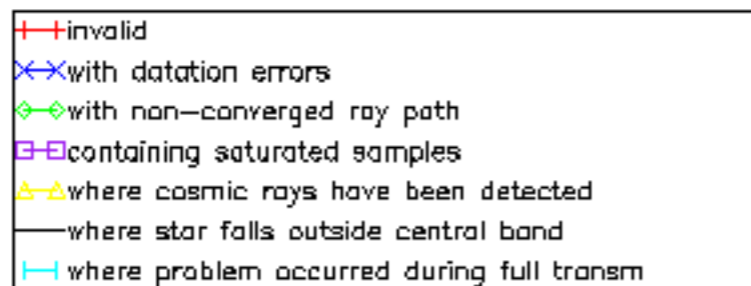


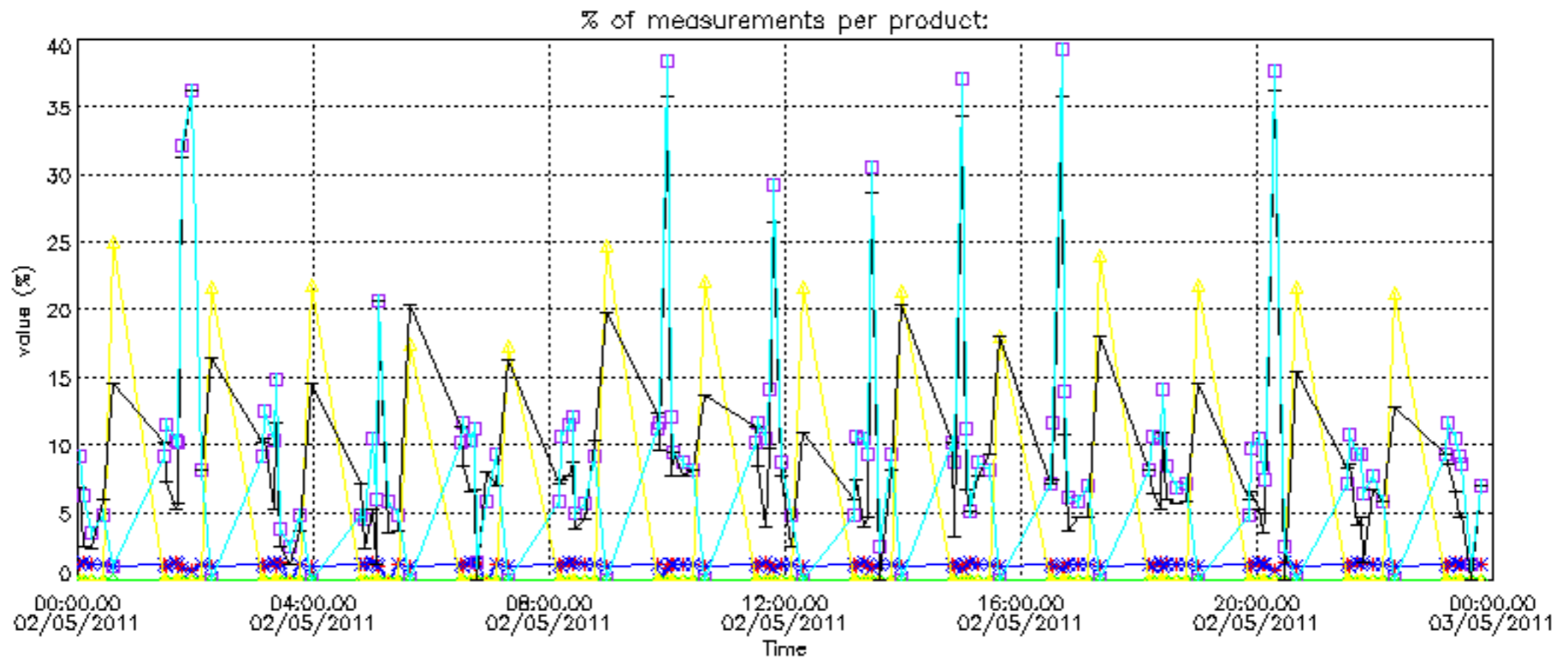
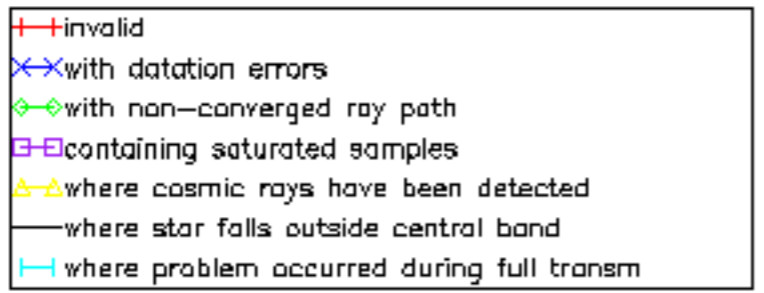
Percentage of flagged data per NO2 profile



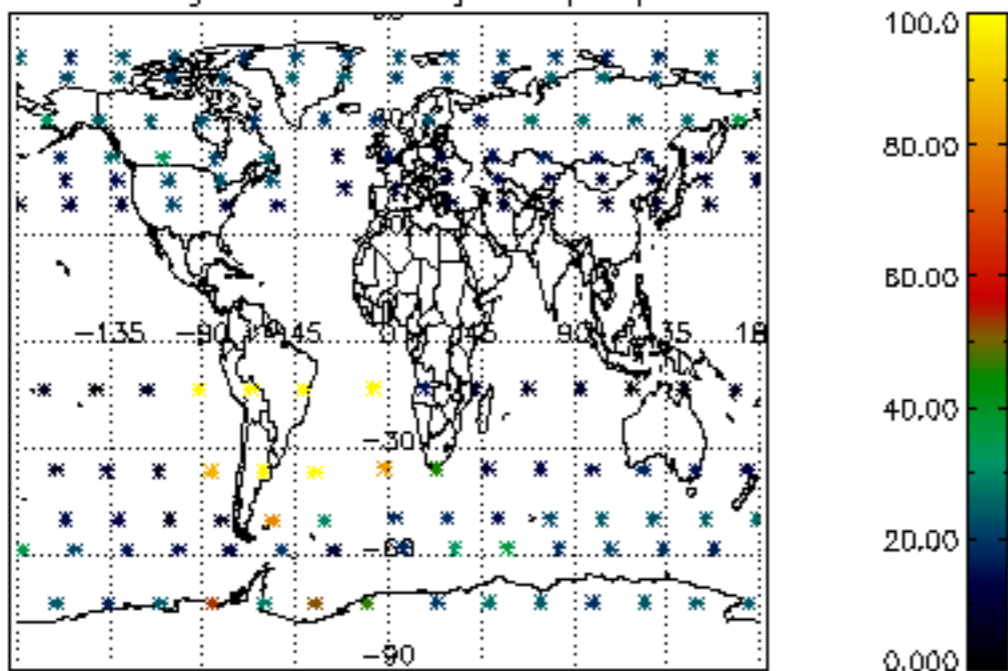
Percentage of flagged data per NO3 profile



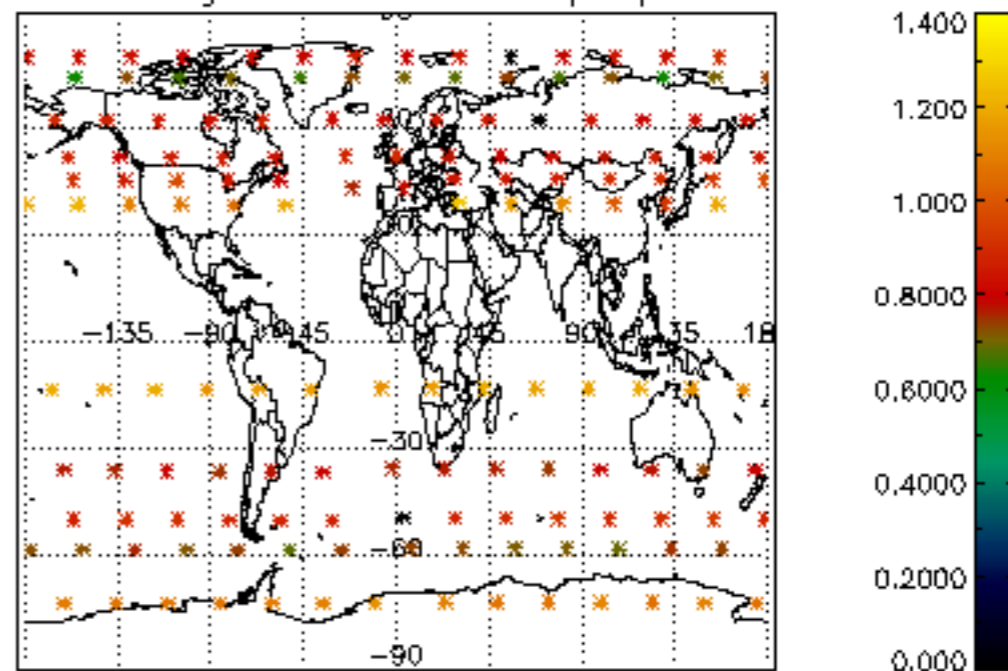




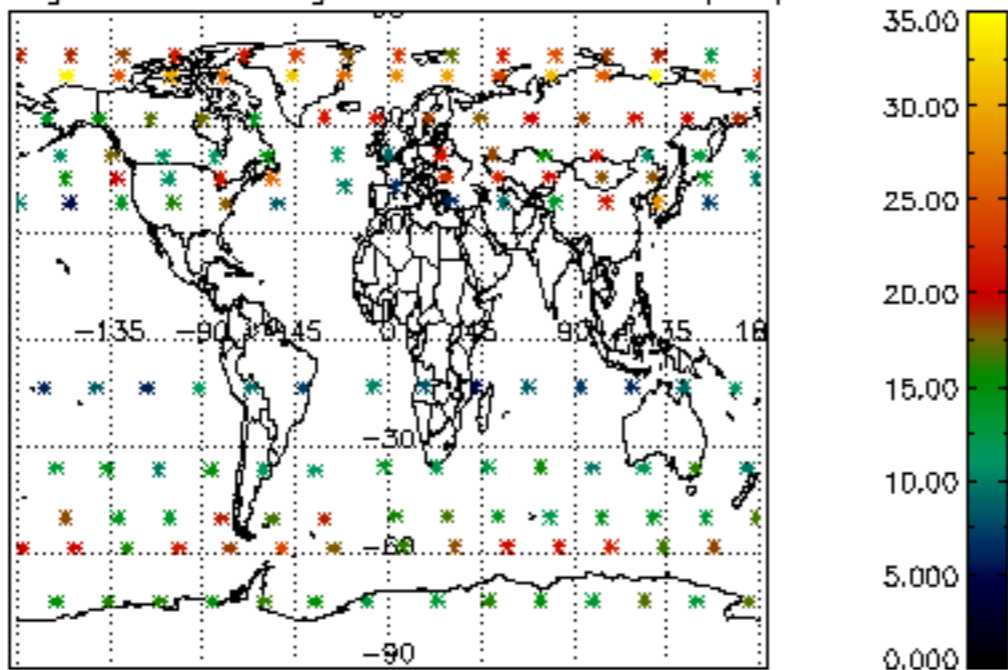
Percentage of cosmic ray hits per profile



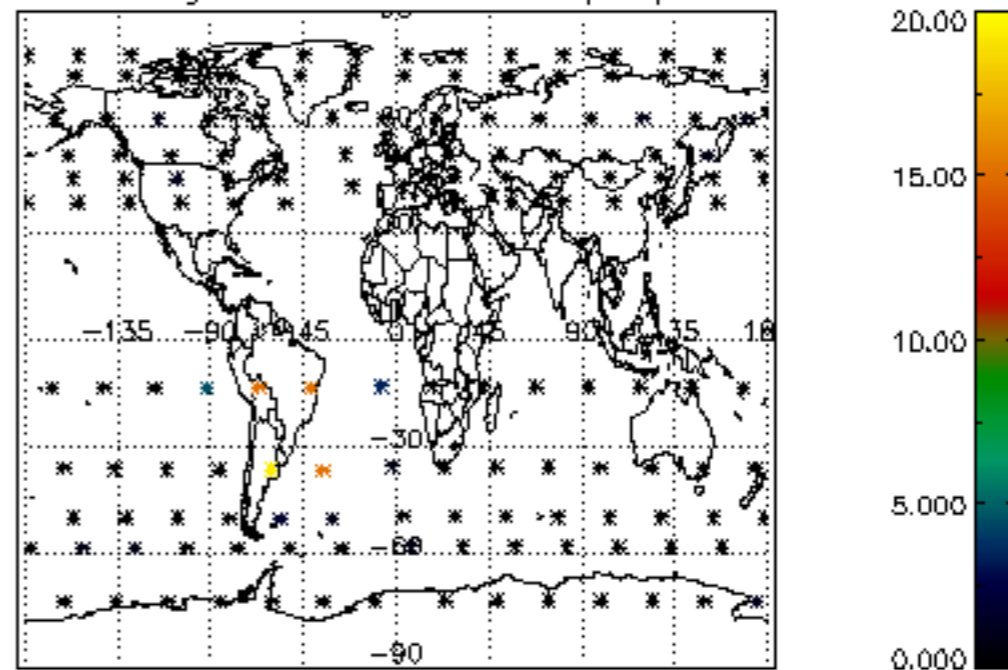
Percentage of datation errors per profile



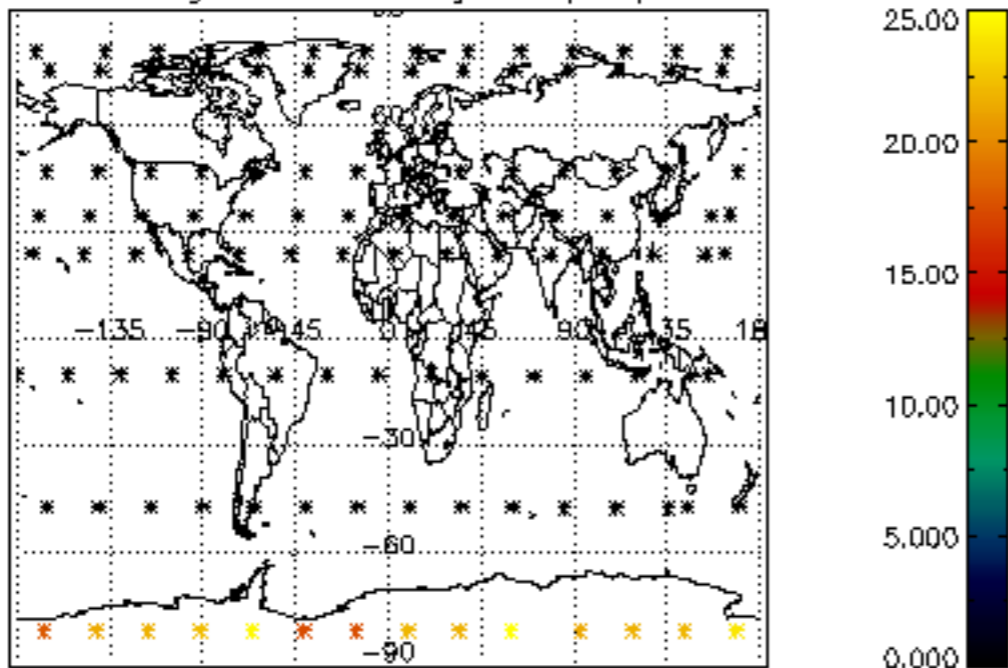
Percentage of star falling outside central band per profile



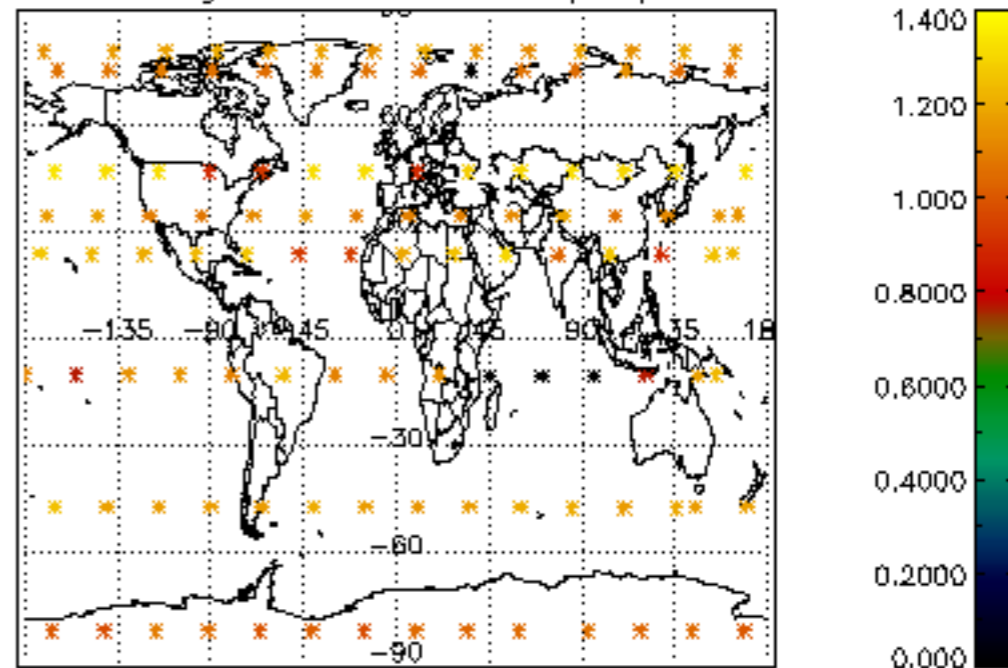
Percentage of saturation errors per profile



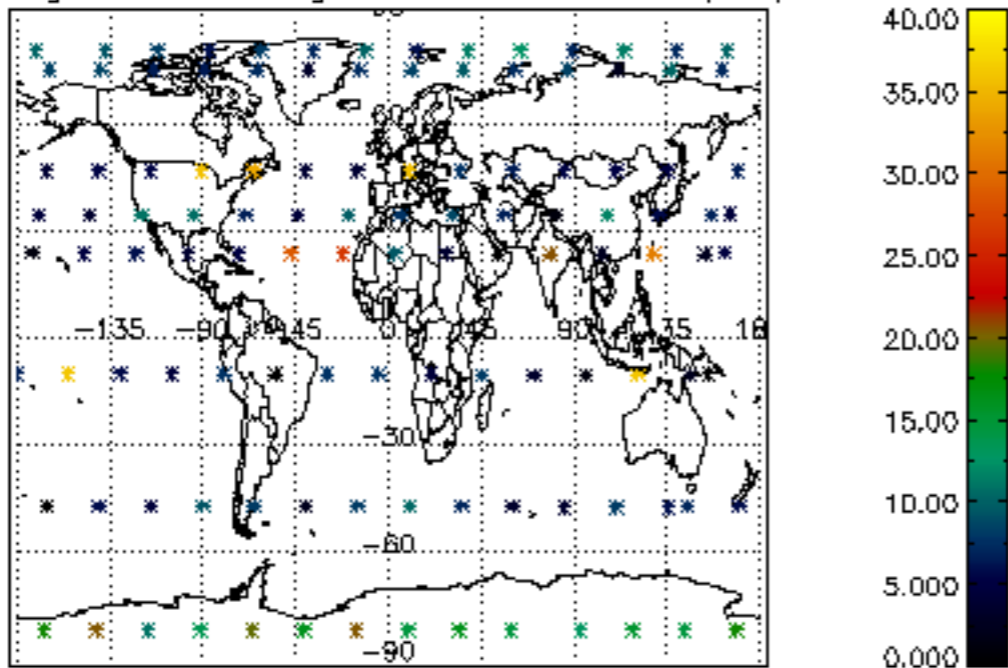
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

