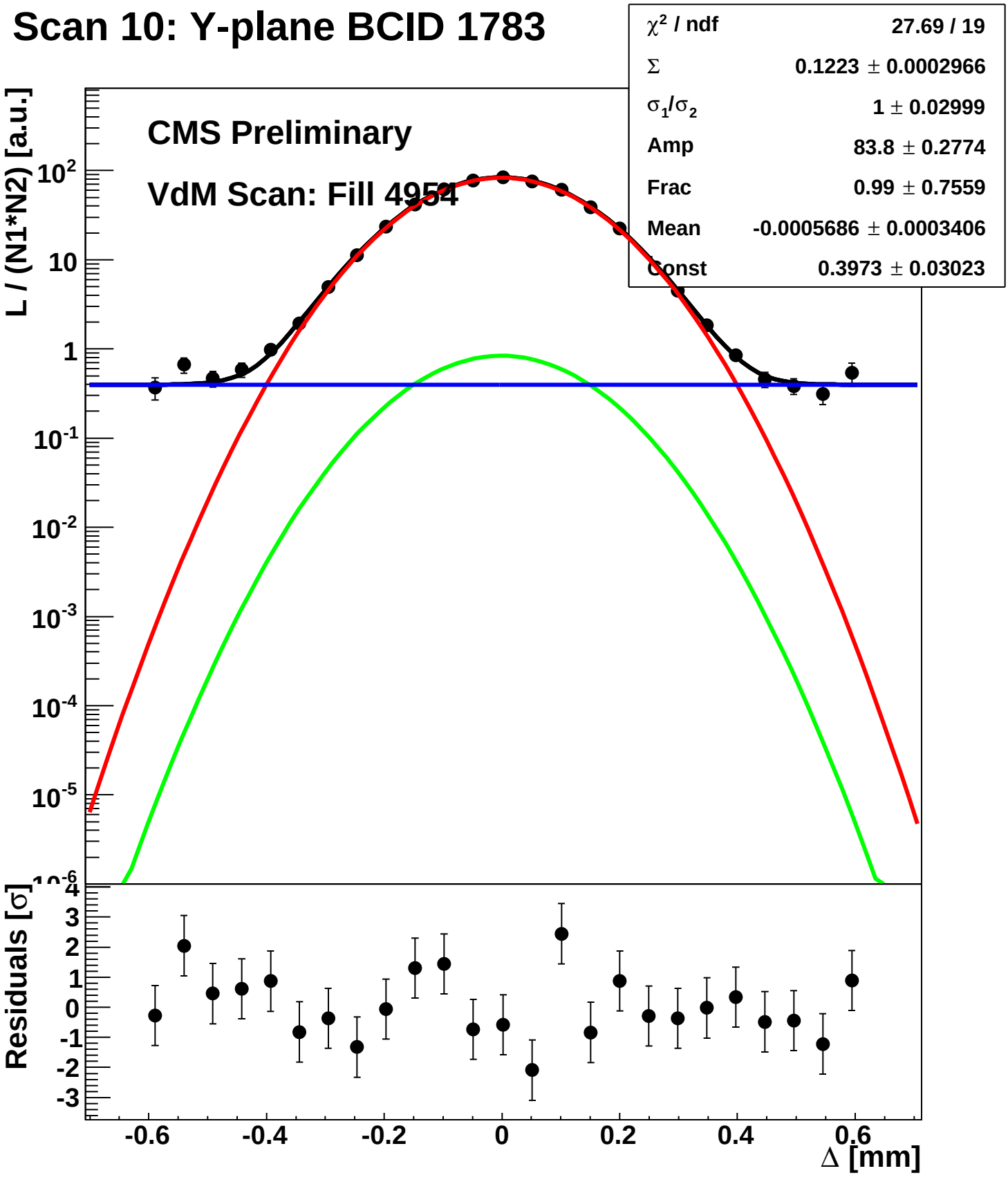
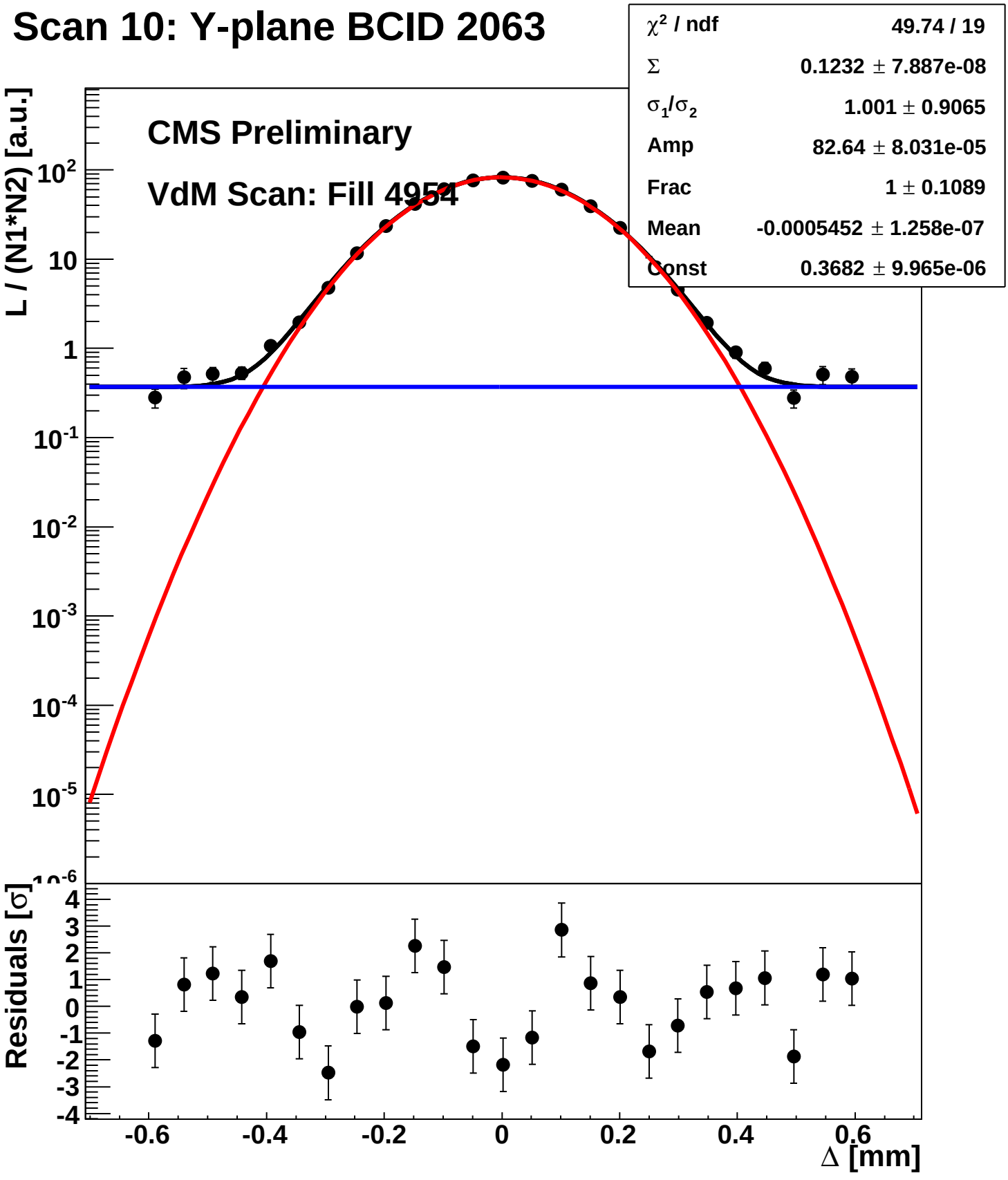
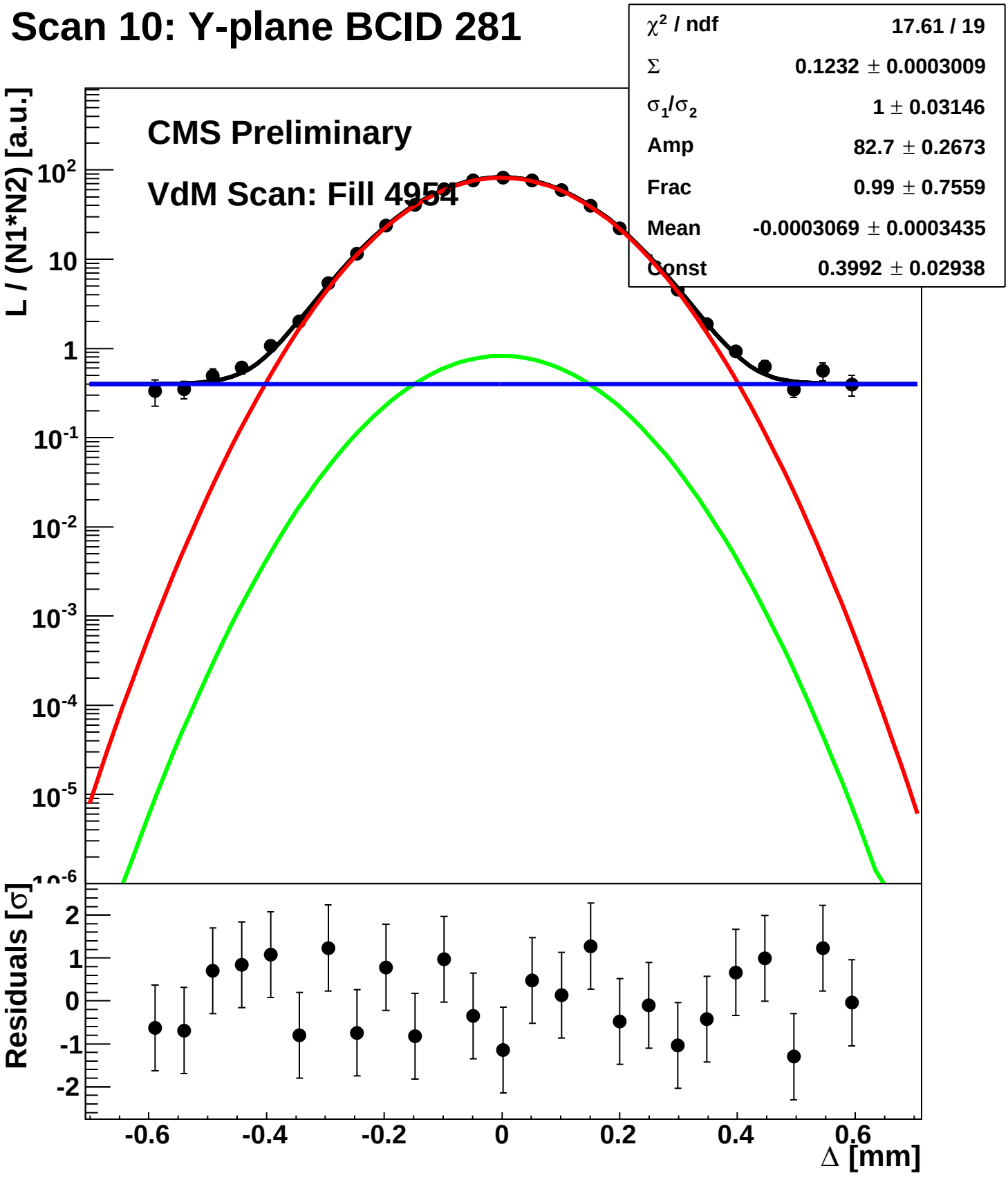
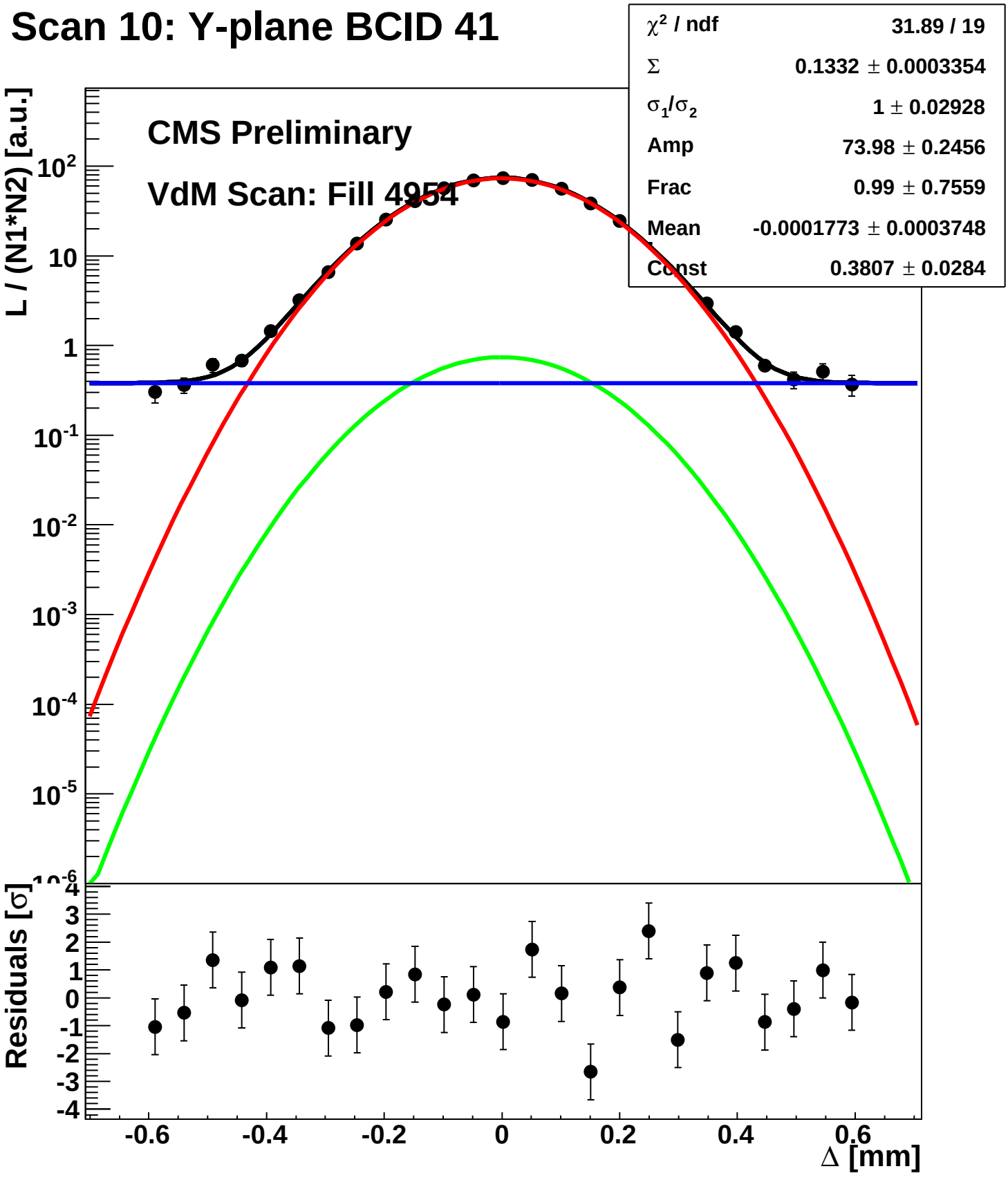
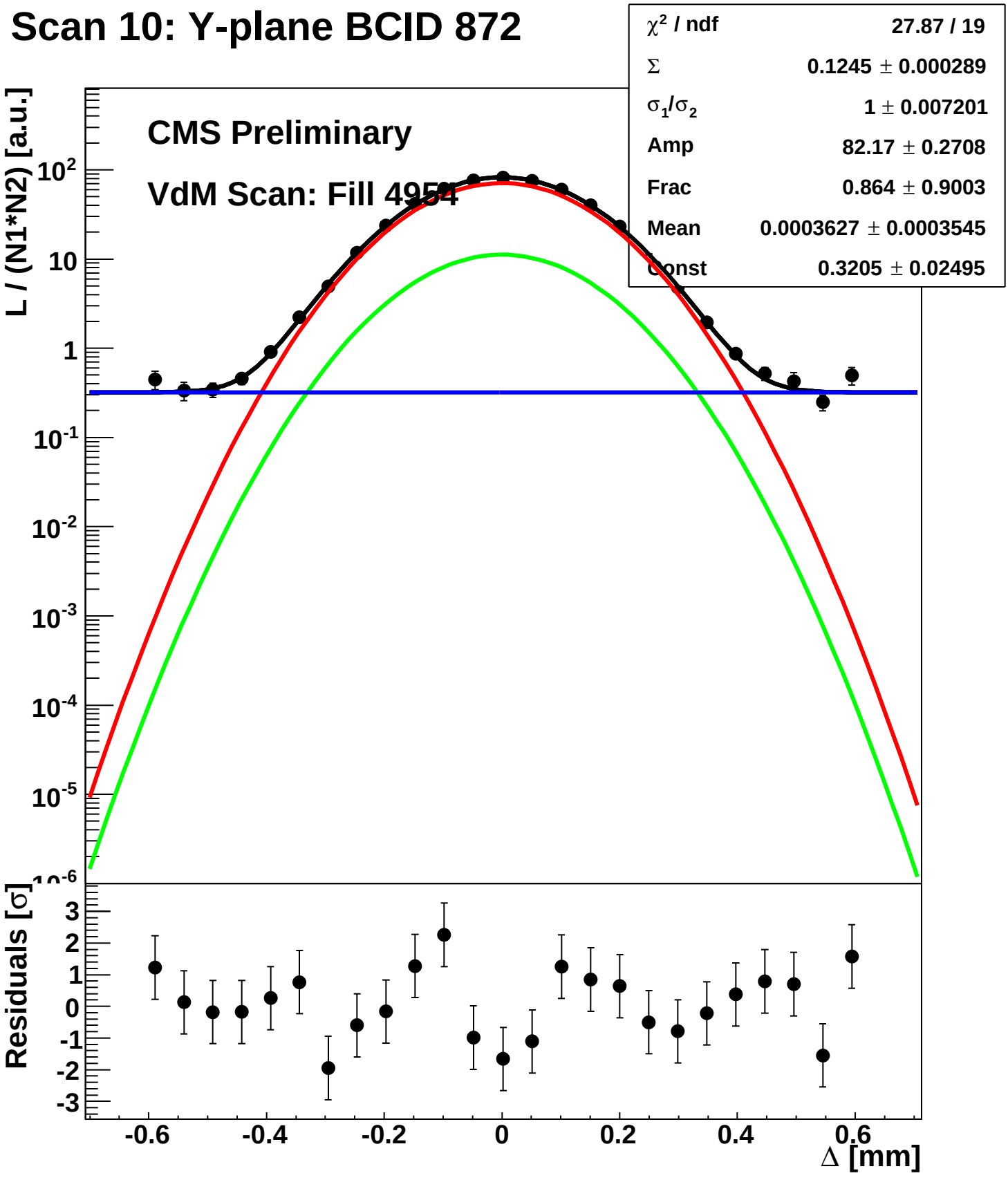
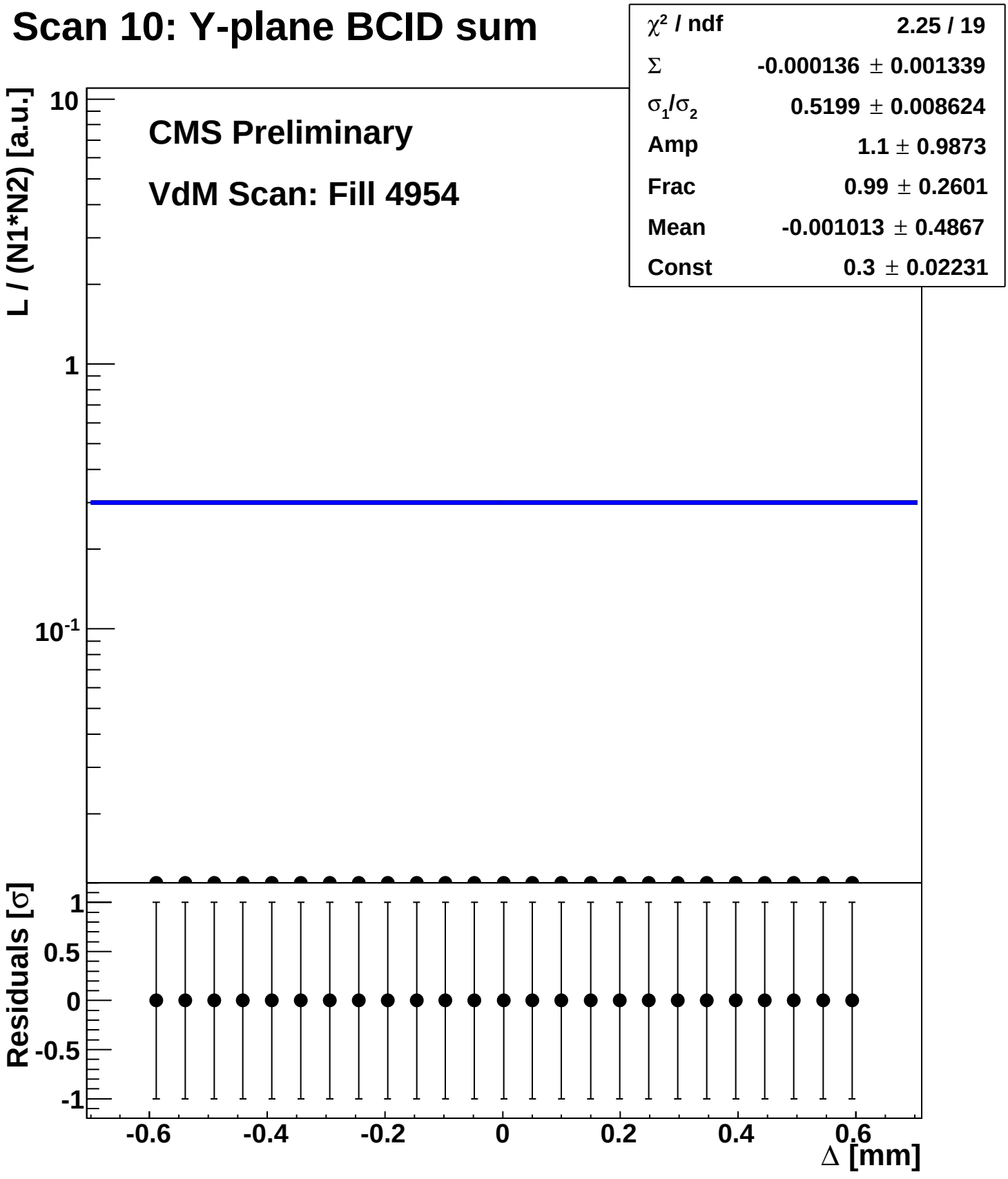

Scan 10: Y-plane BCID 1783
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 27.69 / 19
Σ 0.1223 ± 0.0002966
σ1/σ2 1 ± 0.02999
Amp 83.8 ± 0.2774
Frac 0.99 ± 0.7559
Mean -0.0005686 ± 0.0003406
Const 0.3973 ± 0.03023
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

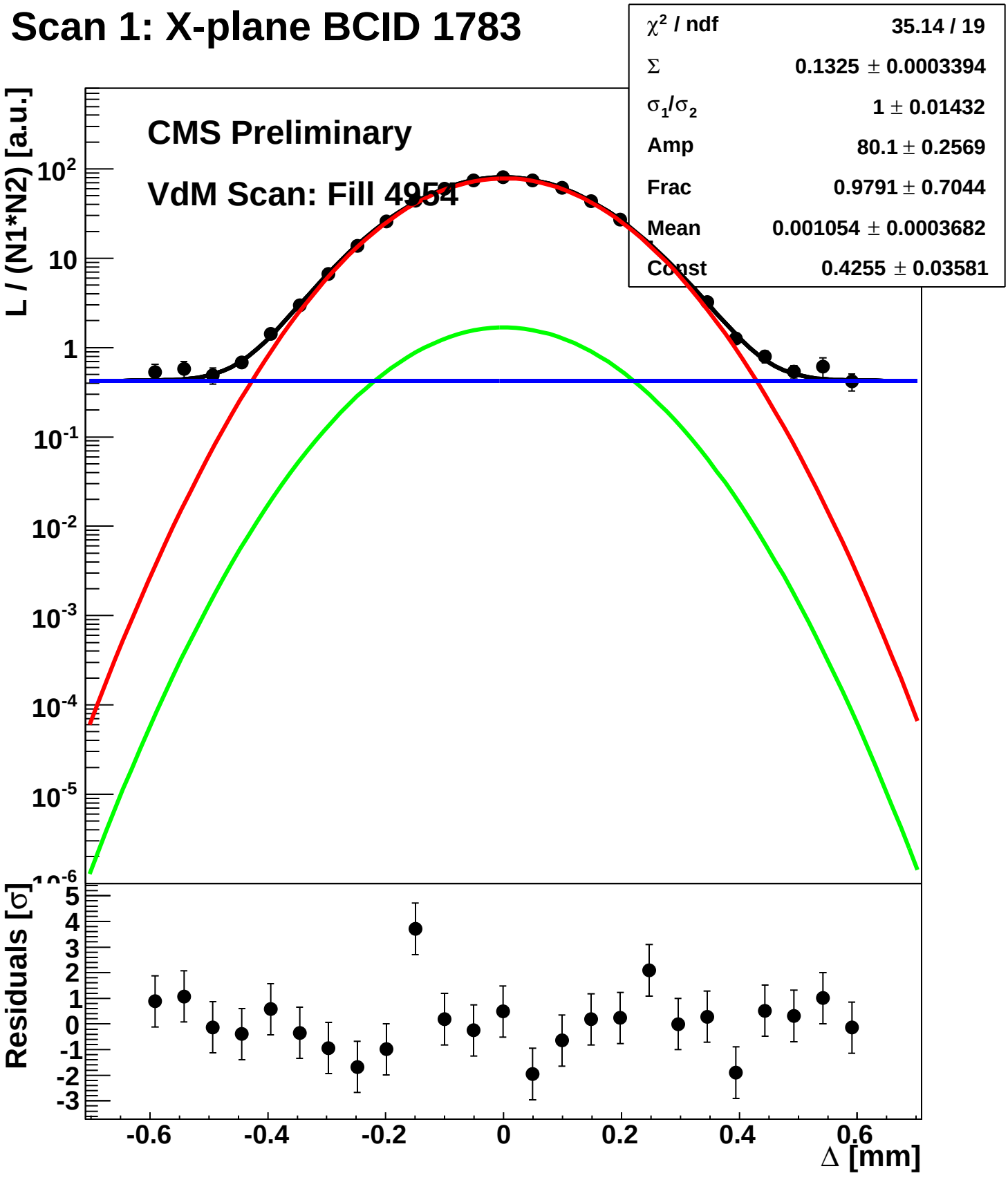

Scan 10: Y-plane BCID 2063
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 49.74 / 19
Σ 0.1232 ± 7.887e-08
σ1/σ2 1.001 ± 0.9065
Amp 82.64 ± 8.031e-05
Frac 1 ± 0.1089
Mean -0.0005452 ± 1.258e-07
Const 0.3682 ± 9.965e-06
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

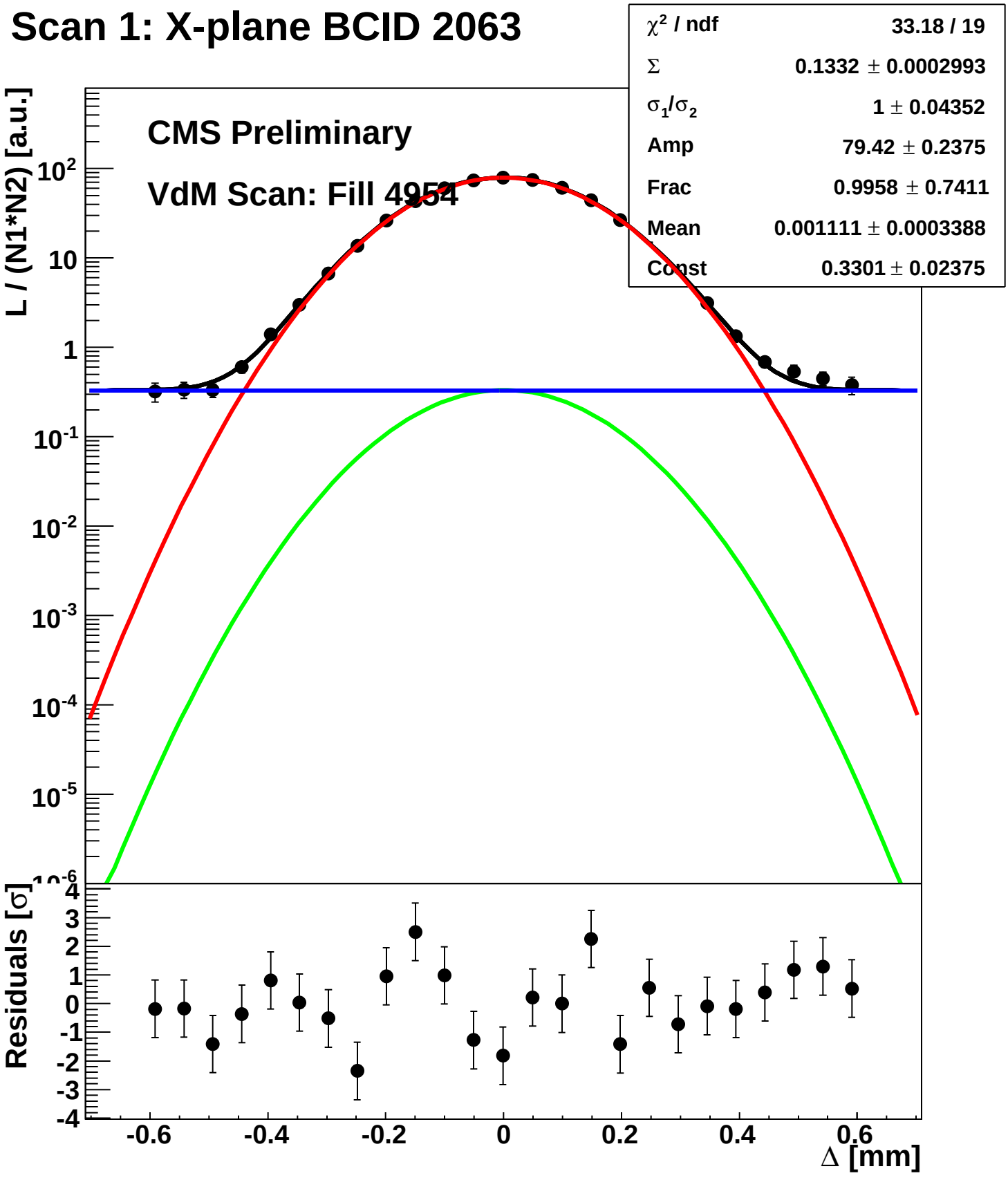

Scan 10: Y-plane BCID 281
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 17.61 / 19
Σ 0.1232 ± 0.0003009
σ1/σ2 1 ± 0.03146
Amp 82.7 ± 0.2673
Frac 0.99 ± 0.7559
Mean -0.0003069 ± 0.0003435
Const 0.3992 ± 0.02938
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

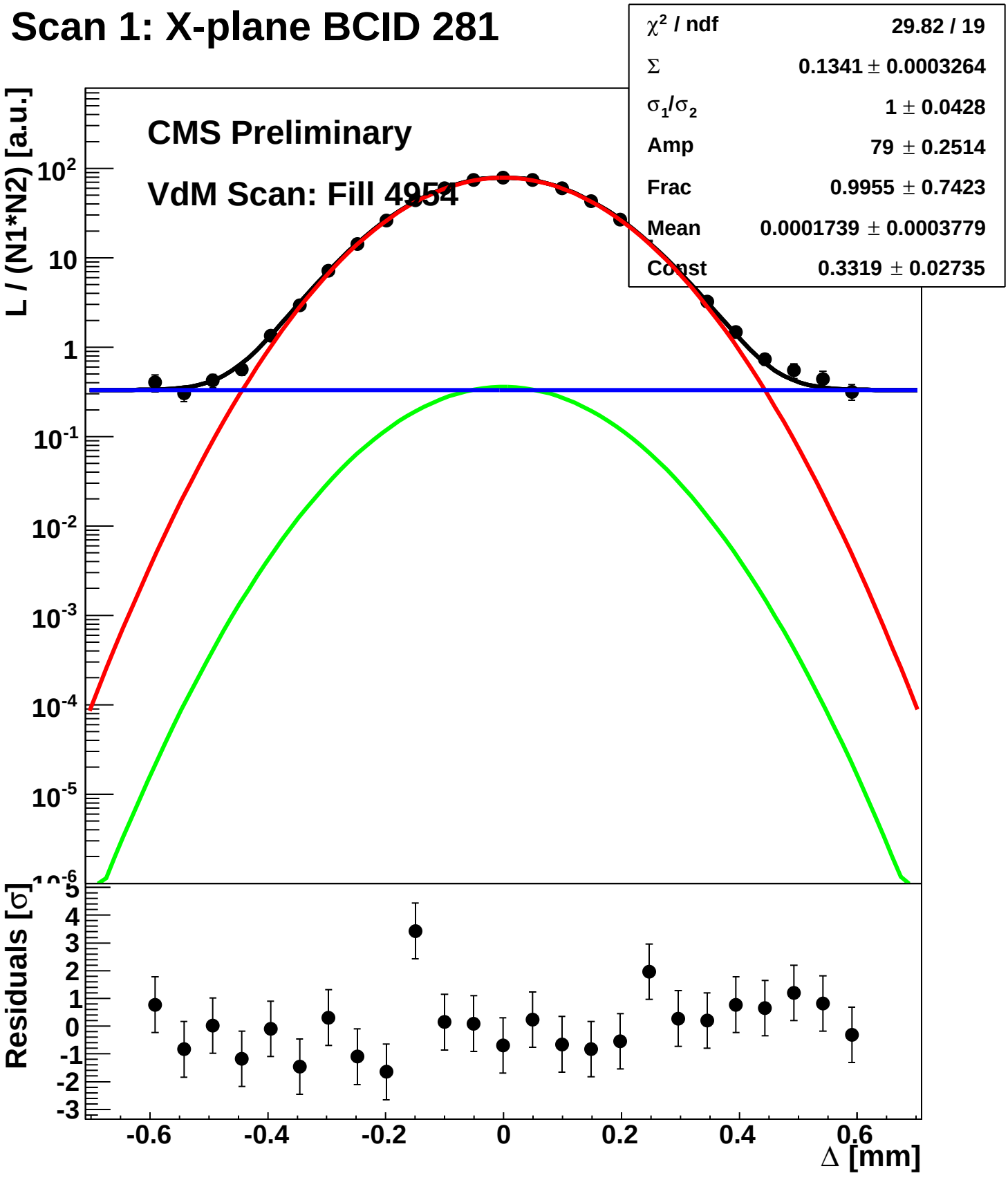

Scan 10: Y-plane BCID 41
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 31.89 / 19
Σ 0.1332 ± 0.0003354
σ1/σ2 1 ± 0.02928
Amp 73.98 ± 0.2456
Frac 0.99 ± 0.7559
Mean -0.0001773 ± 0.0003748
Const 0.3807 ± 0.0284
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

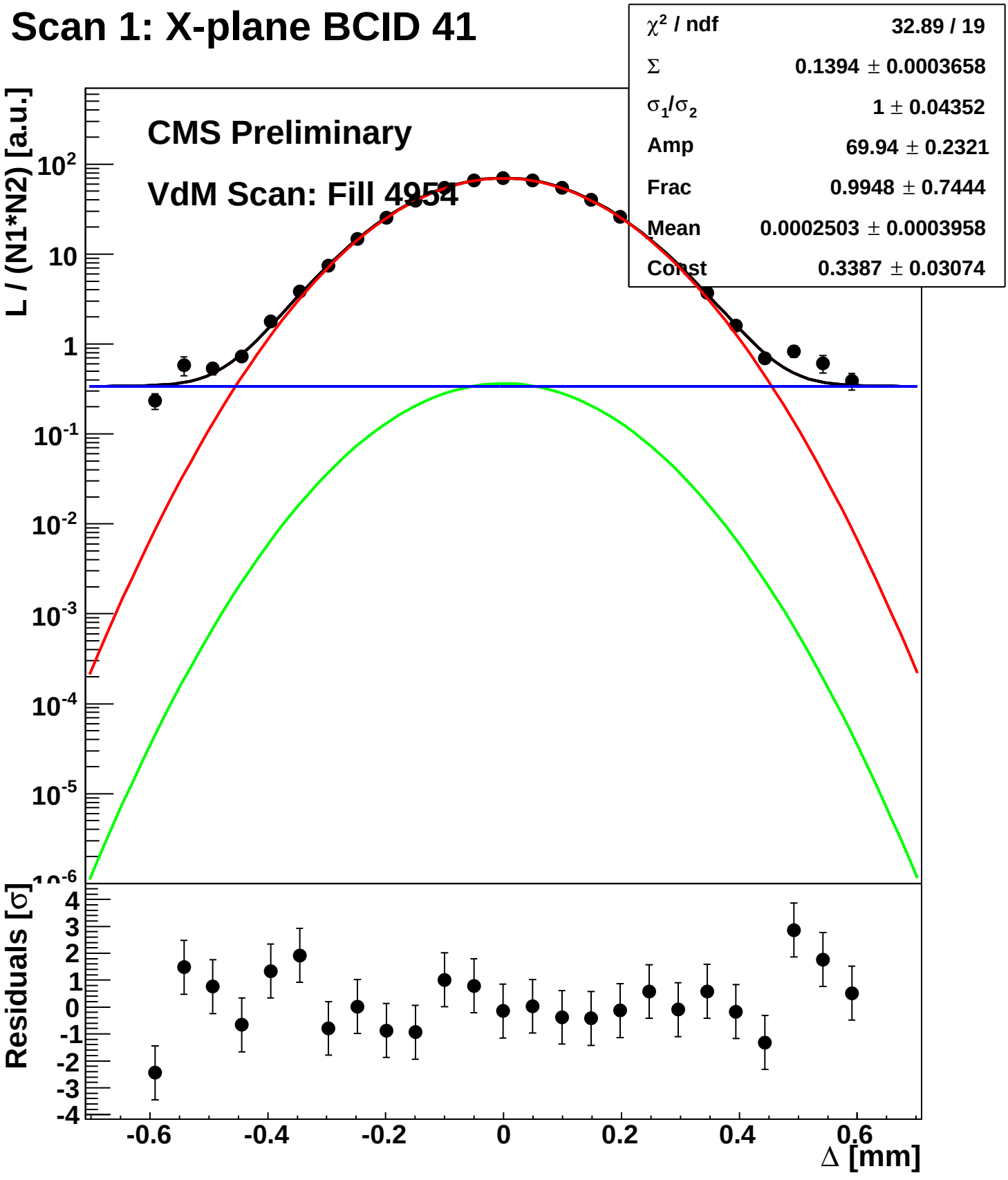

Scan 10: Y-plane BCID 872
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 27.87 / 19
Σ 0.1245 ± 0.000289
σ1/σ2 1 ± 0.007201
Amp 82.17 ± 0.2708
Frac 0.864 ± 0.9003
Mean 0.0003627 ± 0.0003545
Const 0.3205 ± 0.02495
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

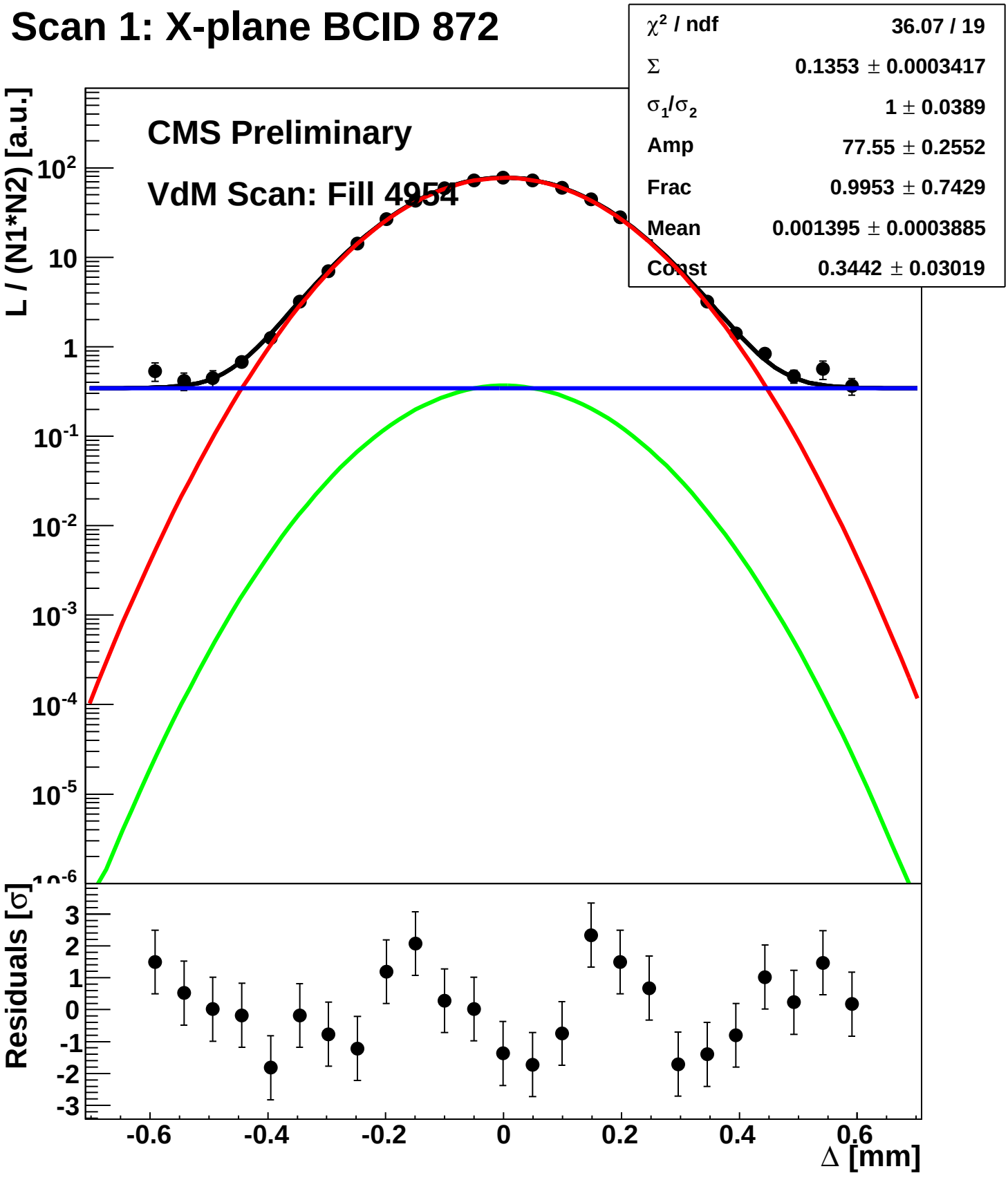

Scan 10: Y-plane BCID sum
χ² / ndf 2.25 / 19
Σ -0.000136 ± 0.001339
σ1/σ2 0.5199 ± 0.008624
Amp 1.1 ± 0.9873
Frac 0.99 ± 0.2601
Mean -0.001013 ± 0.4867
Const 0.3 ± 0.02231
CMS Preliminary
VdM Scan: Fill 4954
L / (N1*N2) [a.u.]
10
1
10-1
Residuals [σ]
1
0.5
0
-0.5
-1
-0.6
-0.4
-0.2
0
0.2
0.4
0.6
Δ [mm]


Scan 1: X-plane BCID 1783
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 35.14 / 19
Σ 0.1325 ± 0.0003394
σ1/σ2 1 ± 0.01432
Amp 80.1 ± 0.2569
Frac 0.9791 ± 0.7044
Mean 0.001054 ± 0.0003682
Const 0.4255 ± 0.03581
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

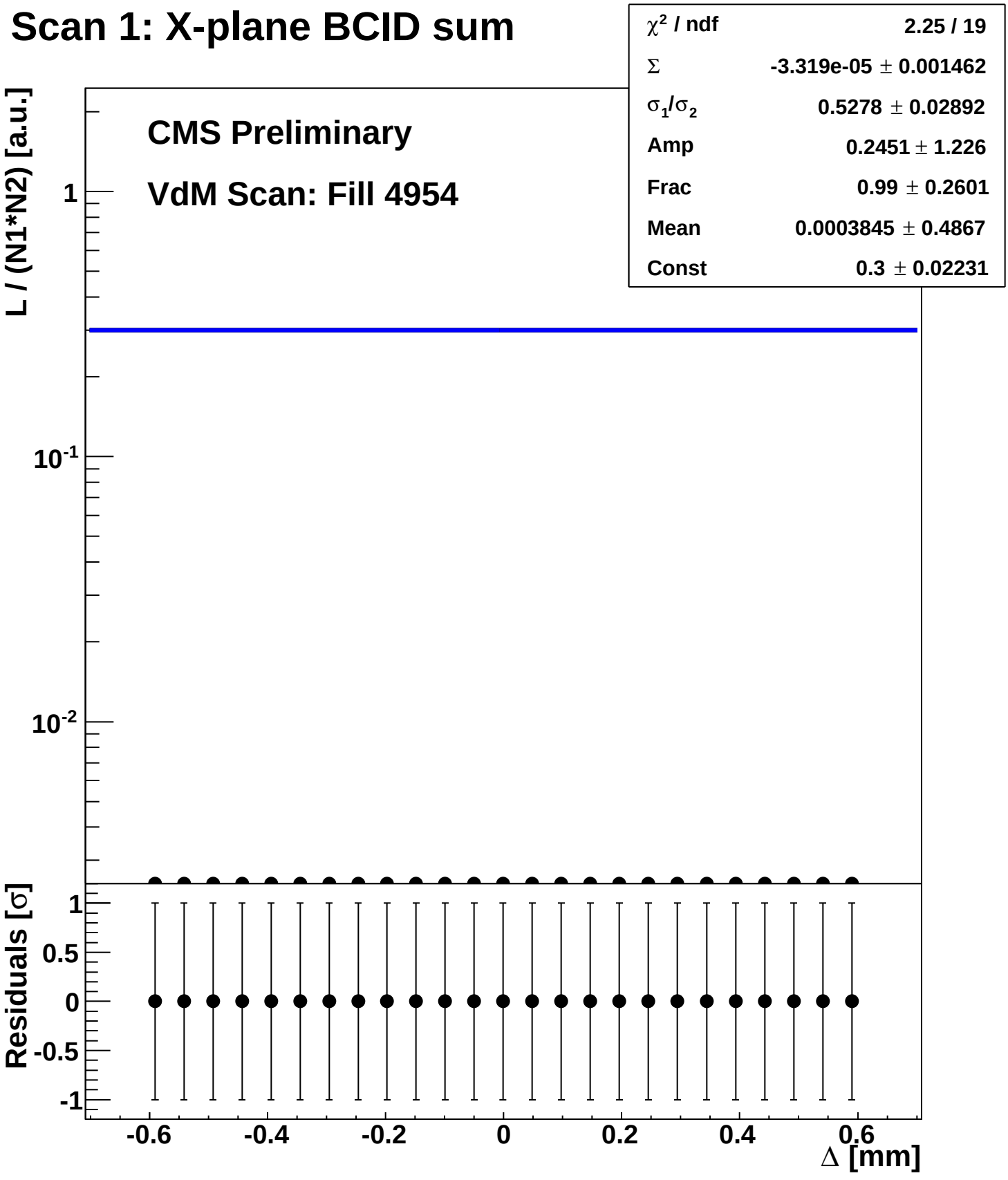

Scan 1: X-plane BCID 2063
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 33.18 / 19
Σ 0.1332 ± 0.0002993
σ1/σ2 1 ± 0.04352
Amp 79.42 ± 0.2375
Frac 0.9958 ± 0.7411
Mean 0.001111 ± 0.0003388
Const 0.3301 ± 0.02375
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

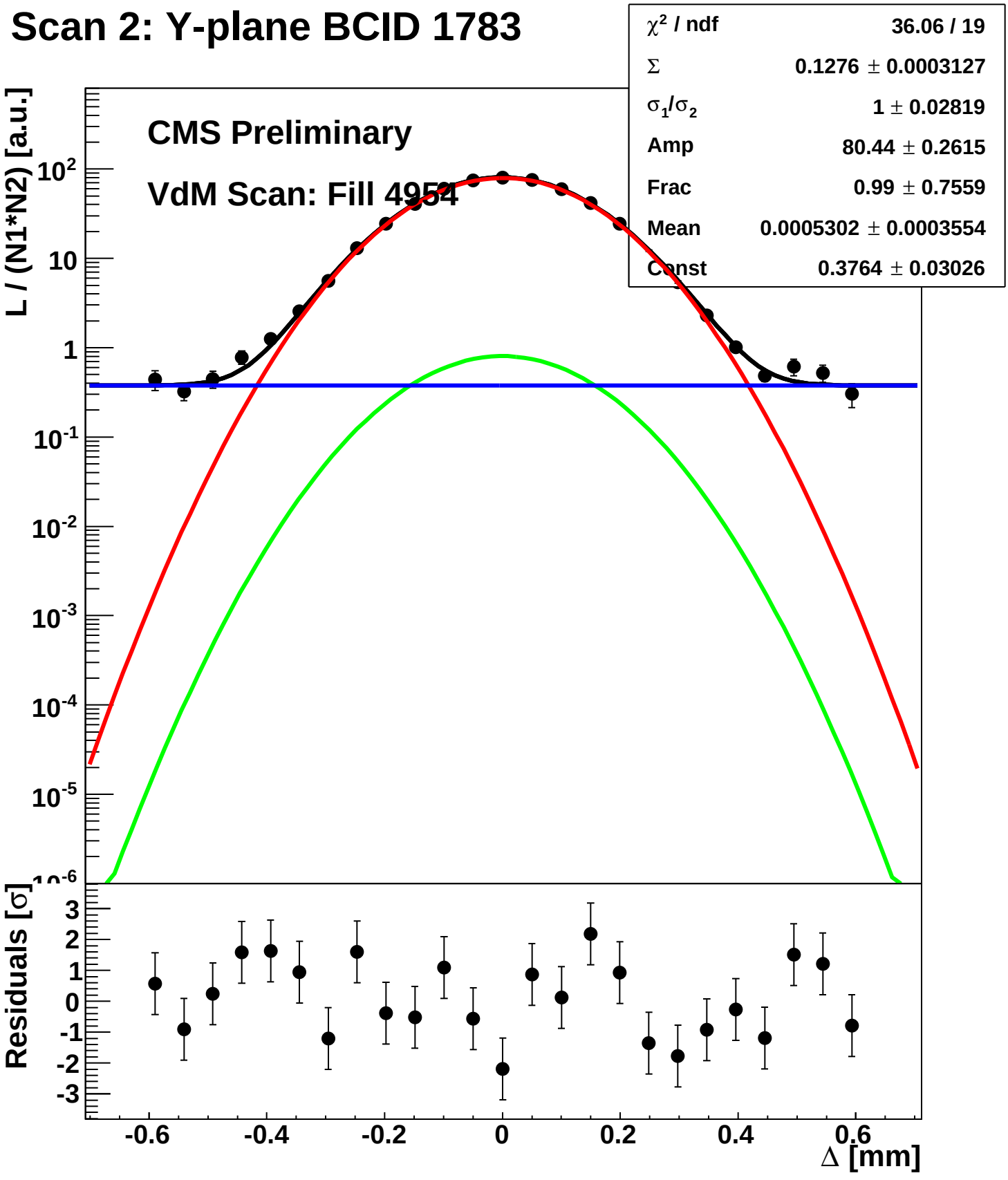

Scan 1: X-plane BCID 281
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 29.82 / 19
Σ 0.1341 ± 0.0003264
σ1/σ2 1 ± 0.0428
Amp 79 ± 0.2514
Frac 0.9955 ± 0.7423
Mean 0.0001739 ± 0.0003779
Const 0.3319 ± 0.02735
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

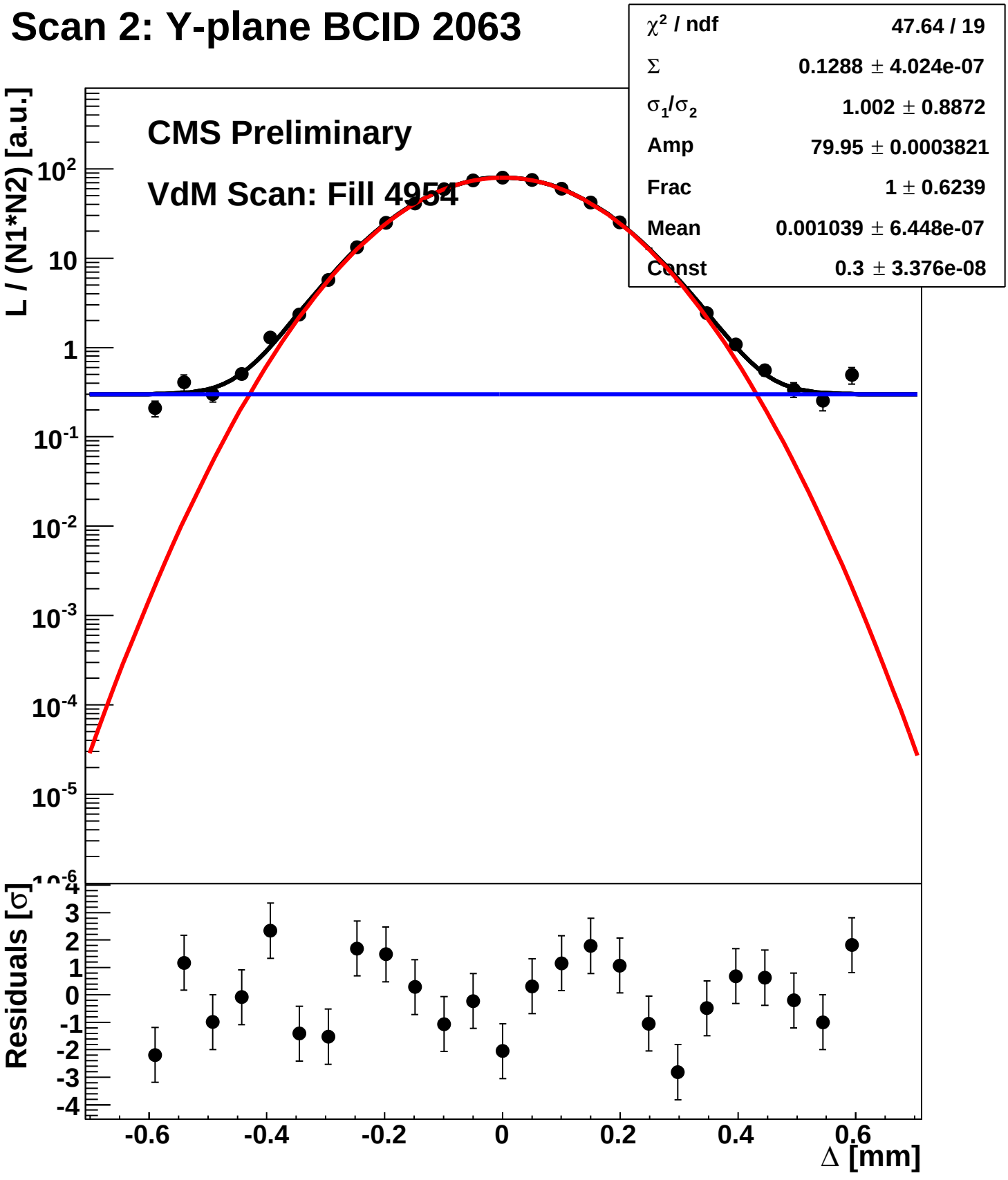

Scan 1: X-plane BCID 41
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 32.89 / 19
Σ 0.1394 ± 0.0003658
σ1/σ2 1 ± 0.04352
Amp 69.94 ± 0.2321
Frac 0.9948 ± 0.7444
Mean 0.0002503 ± 0.0003958
Const 0.3387 ± 0.03074
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

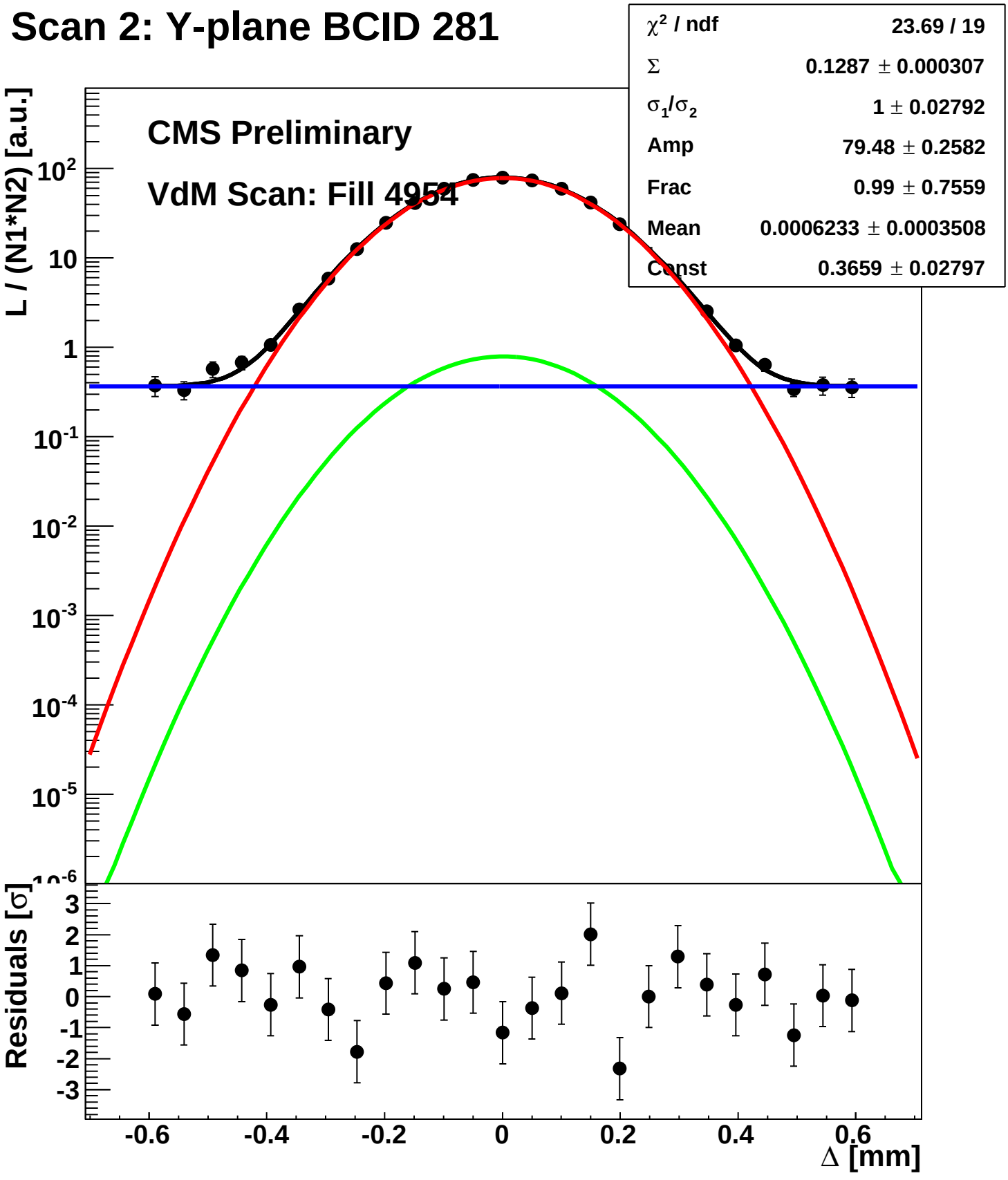

Scan 1: X-plane BCID 872
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 36.07 / 19
Σ 0.1353 ± 0.0003417
σ1/σ2 1 ± 0.0389
Amp 77.55 ± 0.2552
Frac 0.9953 ± 0.7429
Mean 0.001395 ± 0.0003885
Const 0.3442 ± 0.03019
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

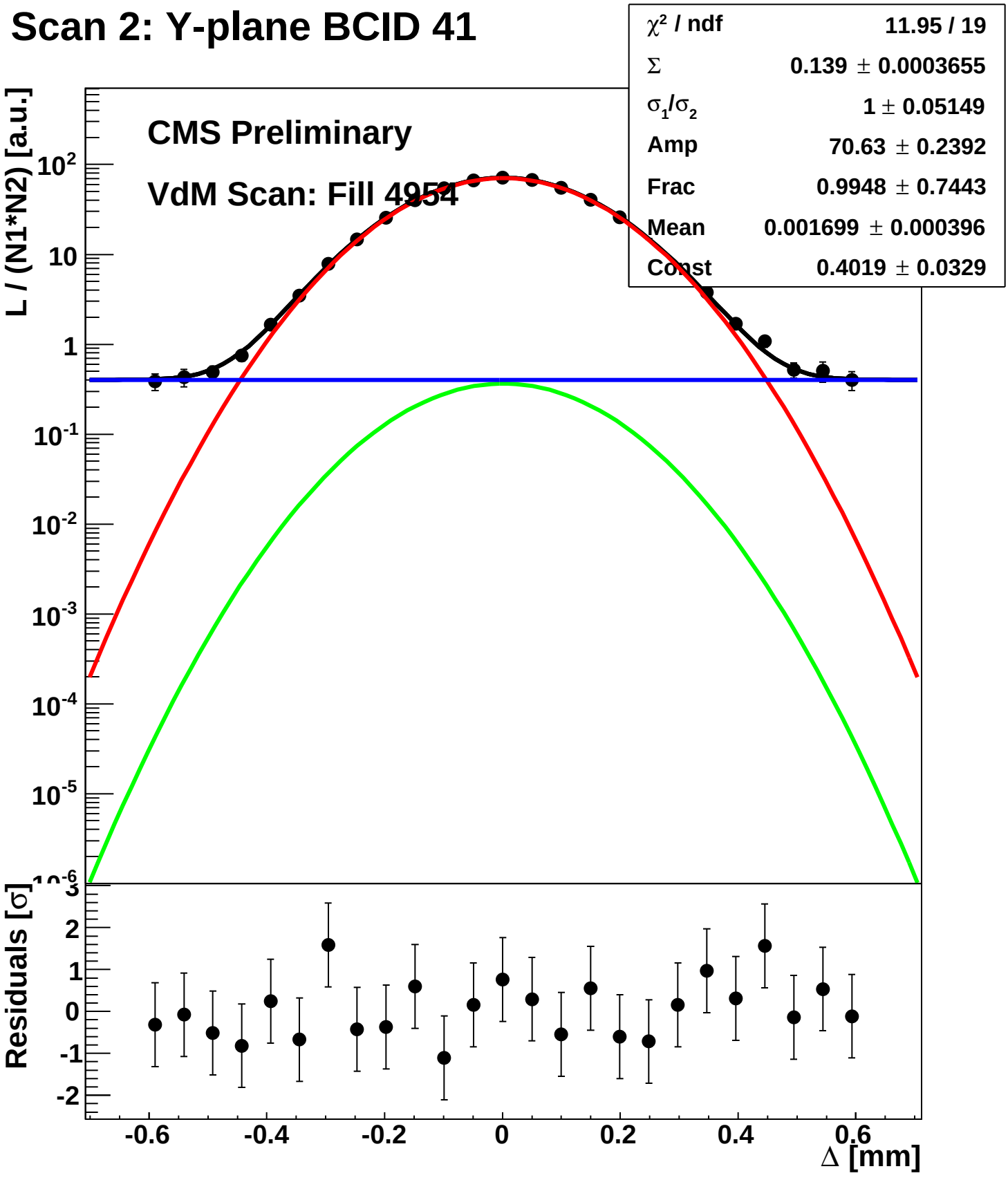
Scan 1: X-plane BCID sum

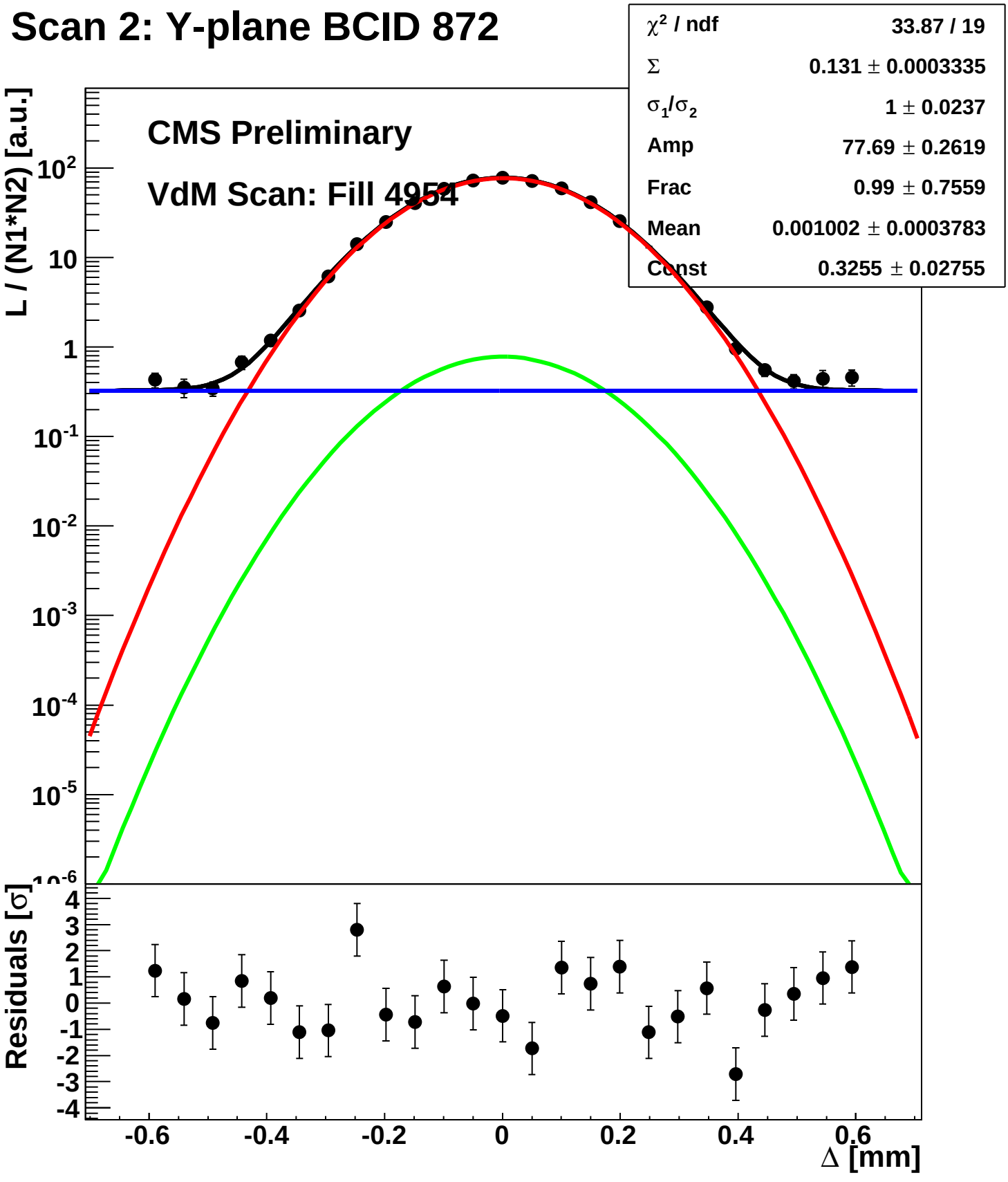


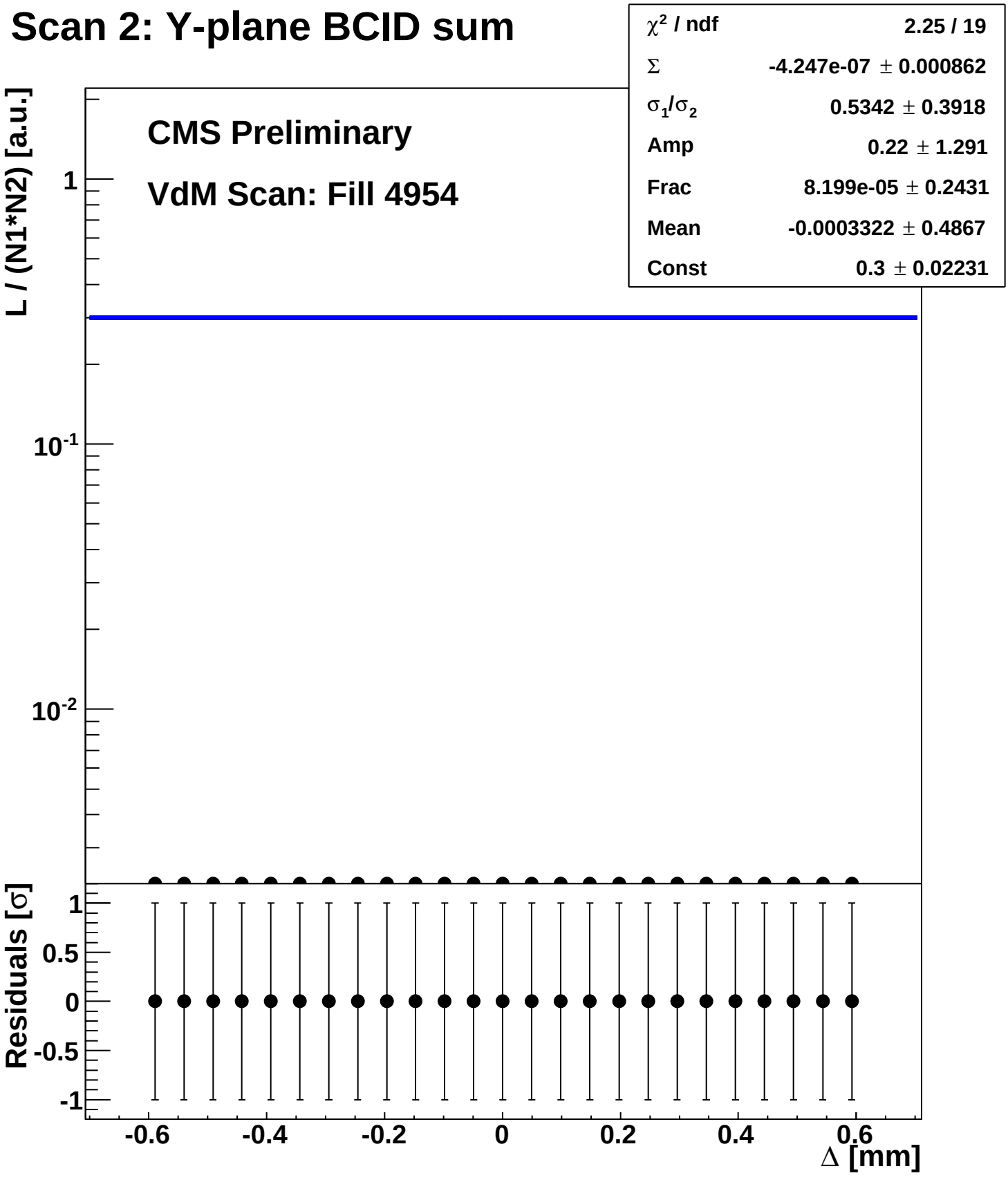

Scan 2: Y-plane BCID 1783
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 36.06 / 19
Σ 0.1276 ± 0.0003127
σ1/σ2 1 ± 0.02819
Amp 80.44 ± 0.2615
Frac 0.99 ± 0.7559
Mean 0.0005302 ± 0.0003554
Const 0.3764 ± 0.03026
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

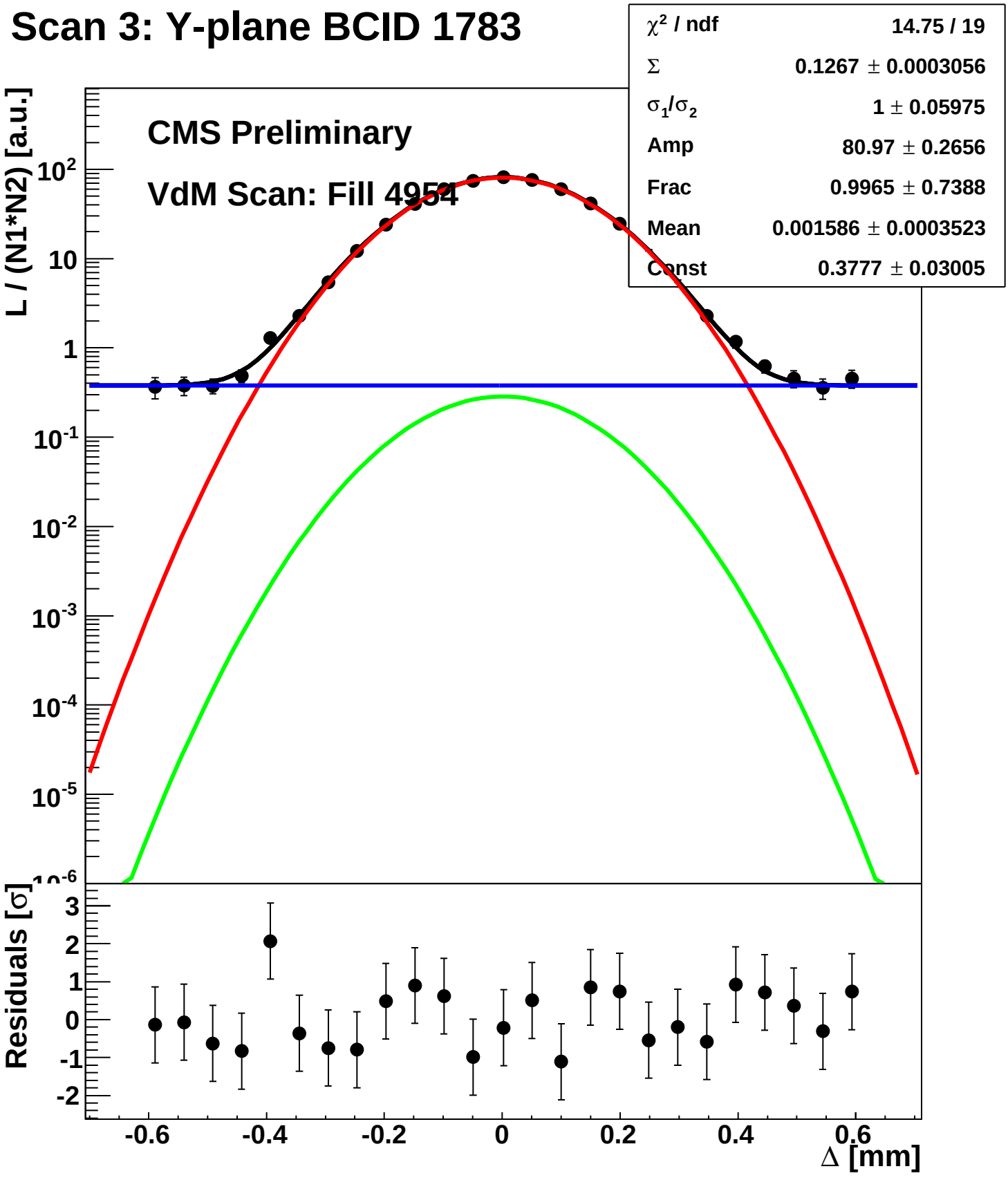

Scan 2: Y-plane BCID 2063
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 47.64 / 19
Σ 0.1288 ± 4.024e-07
σ1/σ2 1.002 ± 0.8872
Amp 79.95 ± 0.0003821
Frac 1 ± 0.6239
Mean 0.001039 ± 6.448e-07
Const 0.3 ± 3.376e-08
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

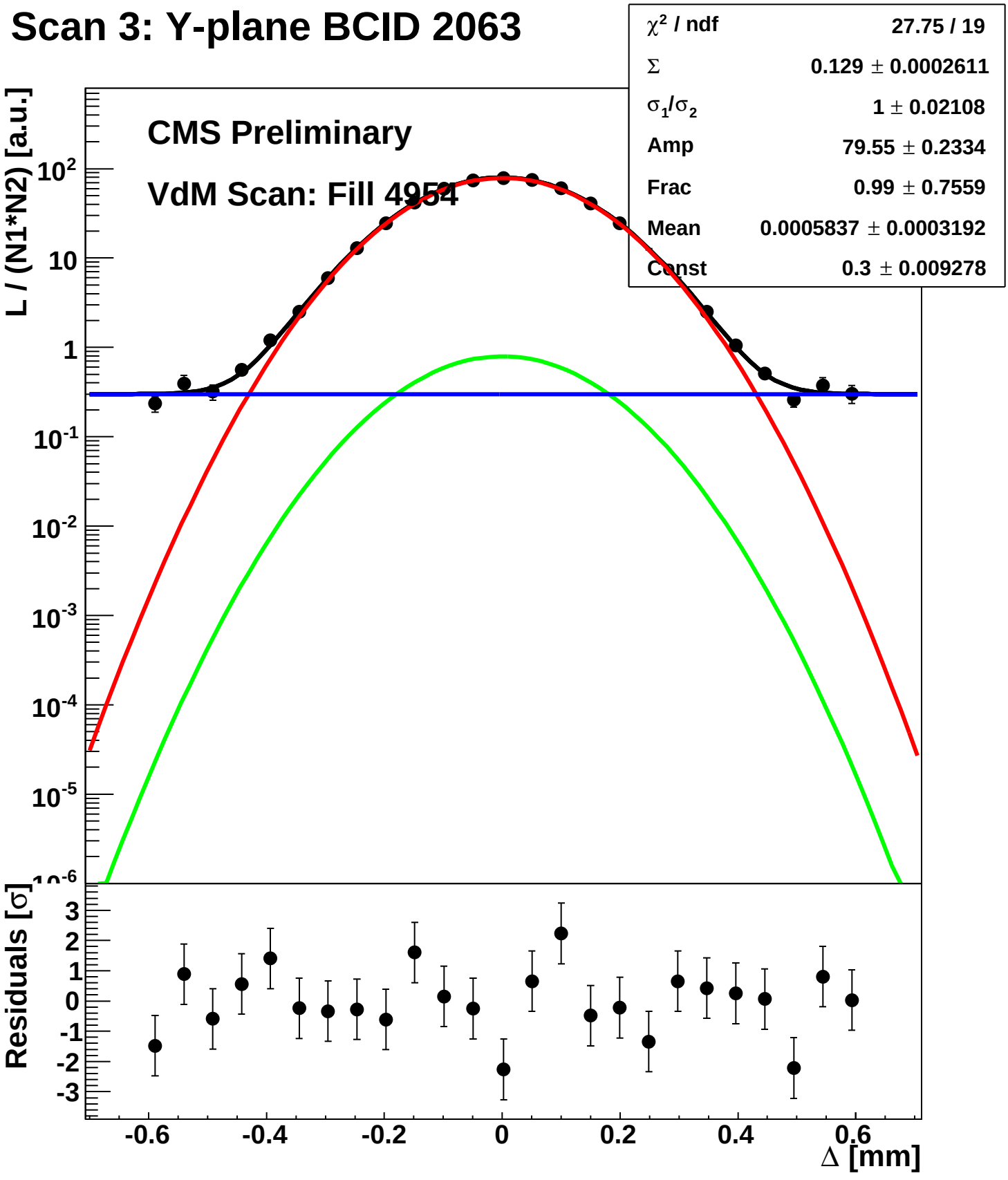

Scan 2: Y-plane BCID 281
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 23.69 / 19
Σ 0.1287 ± 0.000307
σ1/σ2 1 ± 0.02792
Amp 79.48 ± 0.2582
Frac 0.99 ± 0.7559
Mean 0.0006233 ± 0.0003508
Const 0.3659 ± 0.02797
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

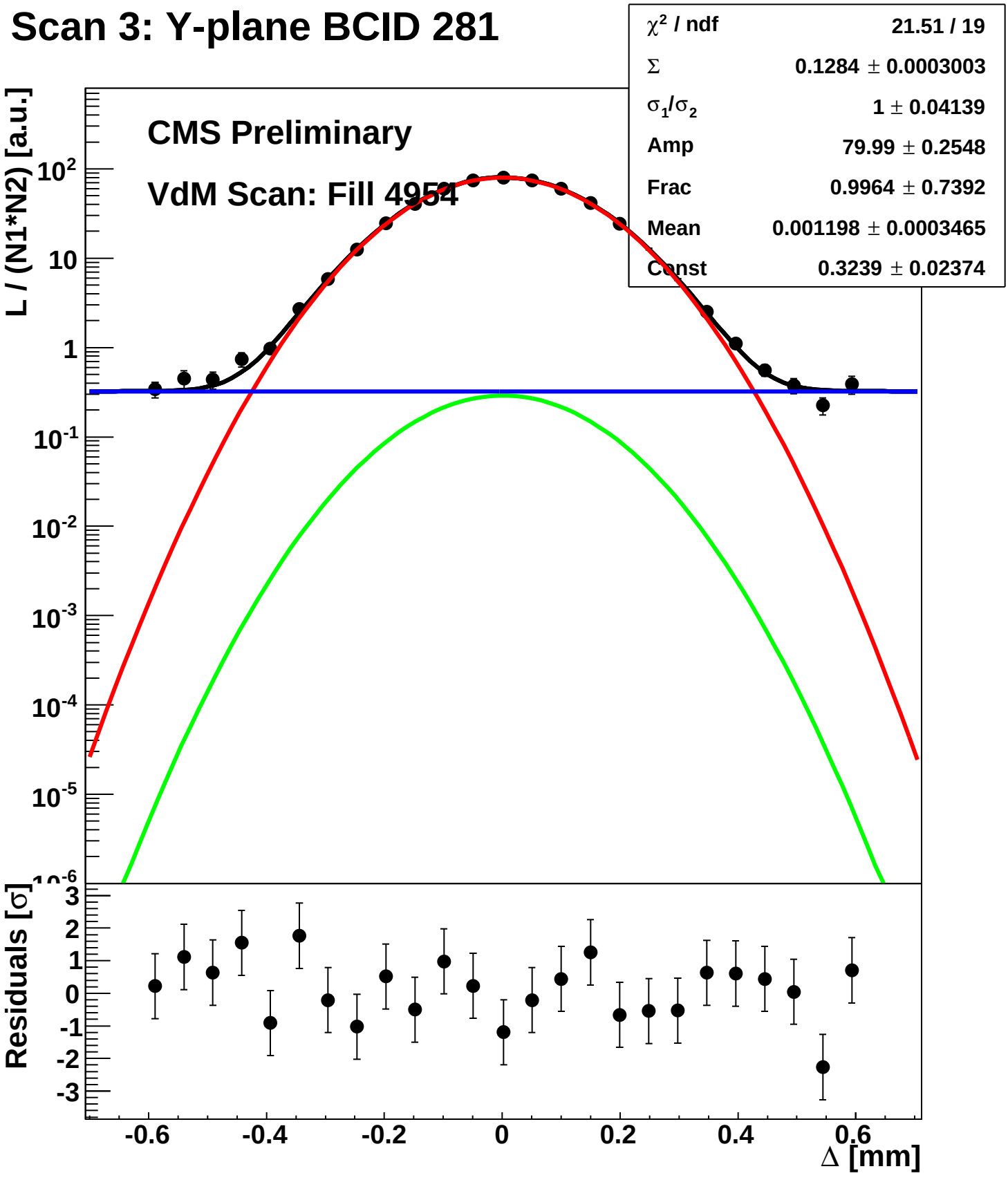

Scan 2: Y-plane BCID 41
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 11.95 / 19
Σ 0.139 ± 0.0003655
σ1/σ2 1 ± 0.05149
Amp 70.63 ± 0.2392
Frac 0.9948 ± 0.7443
Mean 0.001699 ± 0.000396
Const 0.4019 ± 0.0329
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

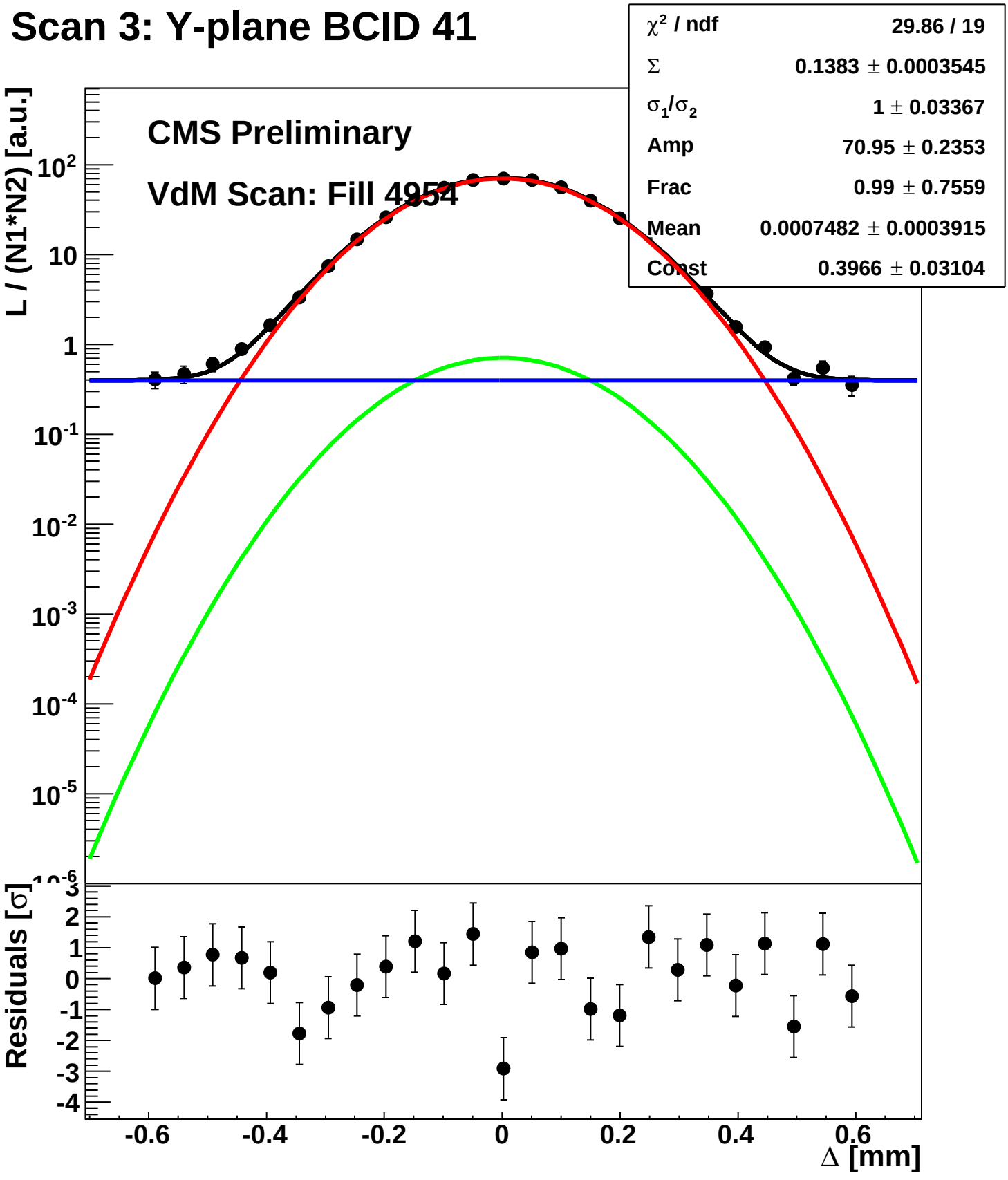

Scan 2: Y-plane BCID 872
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 33.87 / 19
Σ 0.131 ± 0.0003335
σ1/σ2 1 ± 0.0237
Amp 77.69 ± 0.2619
Frac 0.99 ± 0.7559
Mean 0.001002 ± 0.0003783
Const 0.3255 ± 0.02755
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

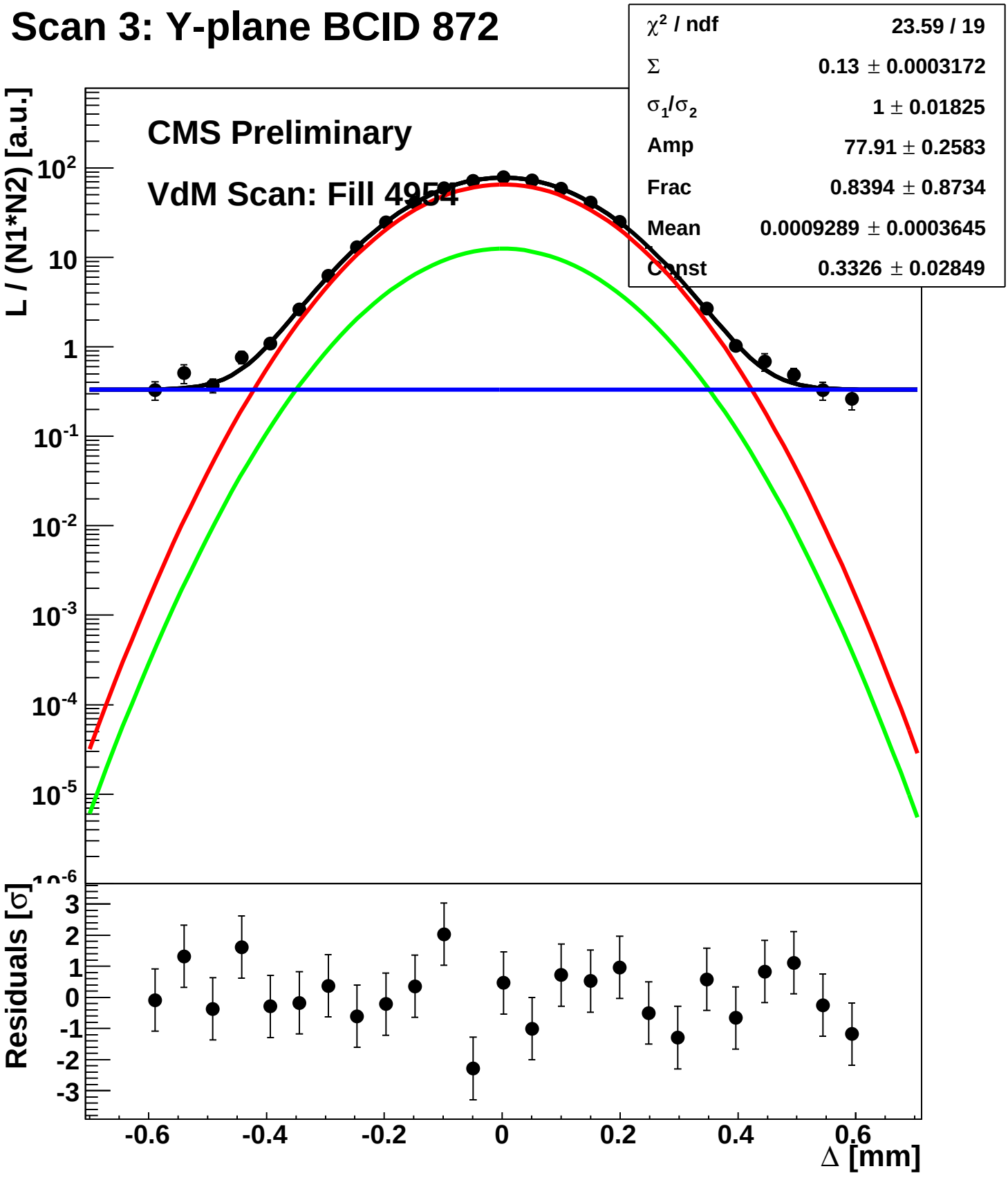

Scan 2: Y-plane BCID sum
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 2.25 / 19
Σ -4.247e-07 ± 0.000862
σ1/σ2 0.5342 ± 0.3918
Amp 0.22 ± 1.291
Frac 8.199e-05 ± 0.2431
Mean -0.0003322 ± 0.4867
Const 0.3 ± 0.02231
L / (N1*N2) [a.u.]
1
10-1
10-2
Residuals [σ]
1
0.5
0
-0.5
-1
-0.6
-0.4
-0.2
0
0.2
0.4
0.6
Δ [mm]

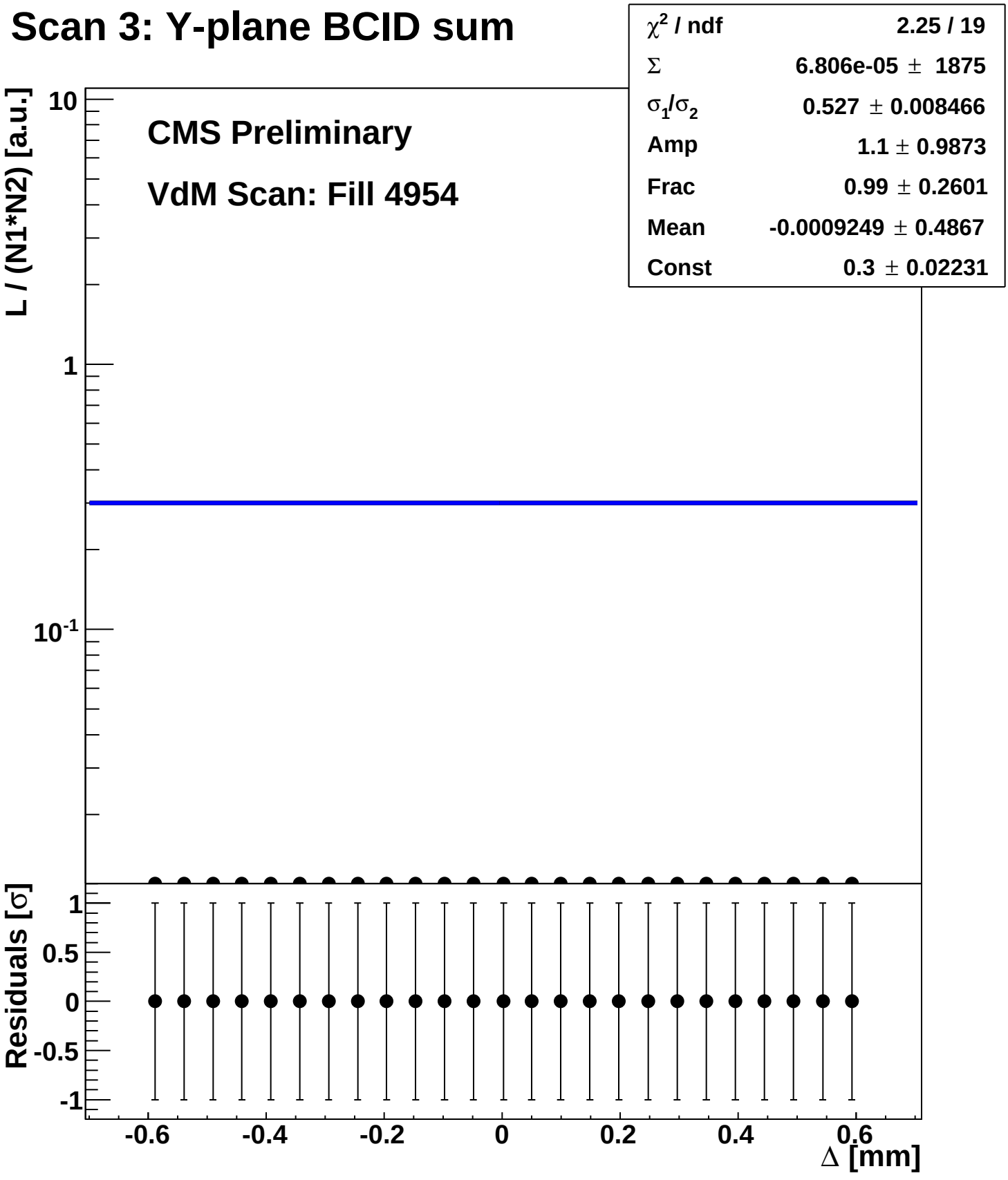

Scan 3: Y-plane BCID 1783
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 14.75 / 19
Σ 0.1267 ± 0.0003056
σ1/σ2 1 ± 0.05975
Amp 80.97 ± 0.2656
Frac 0.9965 ± 0.7388
Mean 0.001586 ± 0.0003523
Const 0.3777 ± 0.03005
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

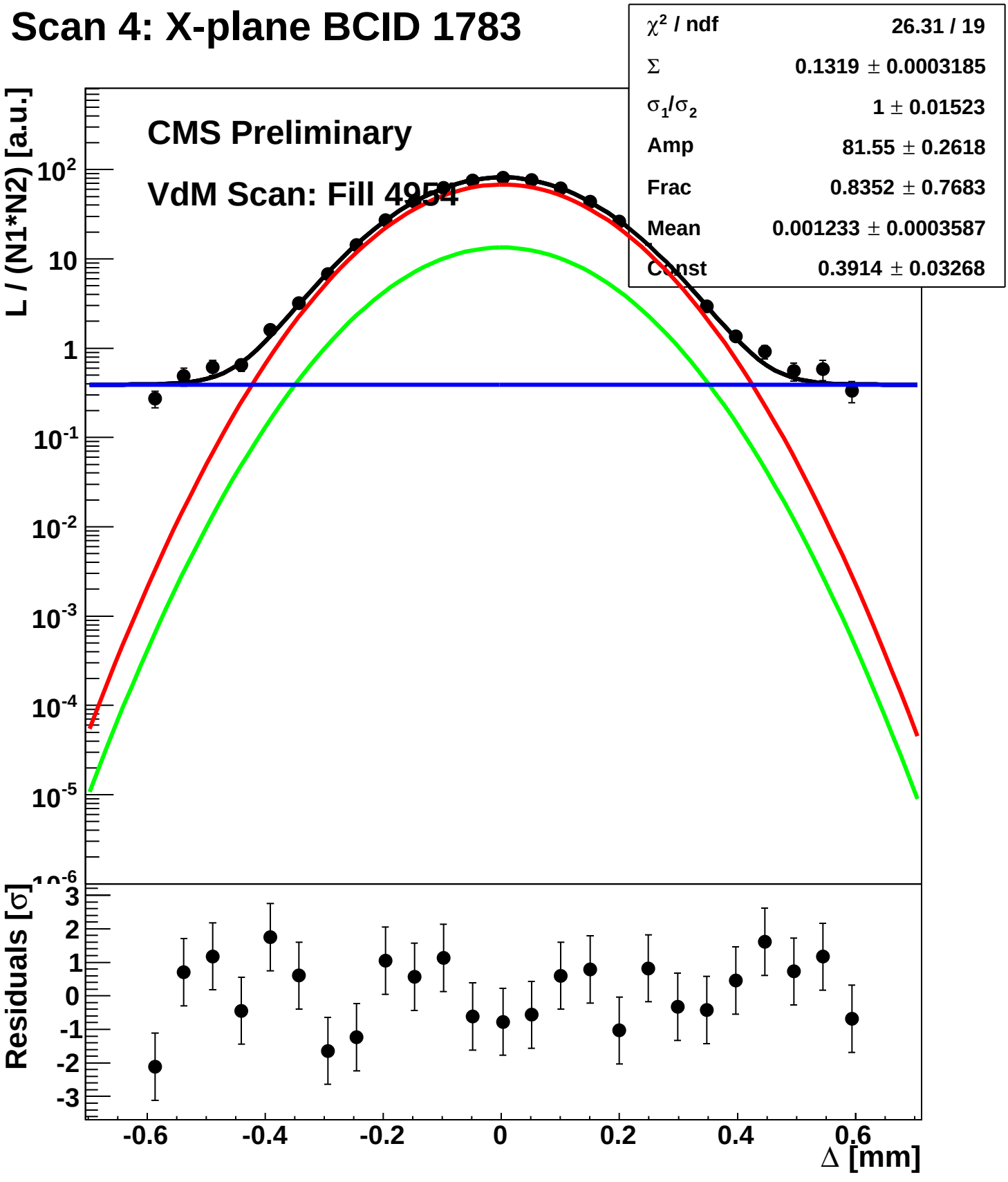

Scan 3: Y-plane BCID 2063
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 27.75 / 19
Σ 0.129 ± 0.0002611
σ1/σ2 1 ± 0.02108
Amp 79.55 ± 0.2334
Frac 0.99 ± 0.7559
Mean 0.0005837 ± 0.0003192
Const 0.3 ± 0.009278
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

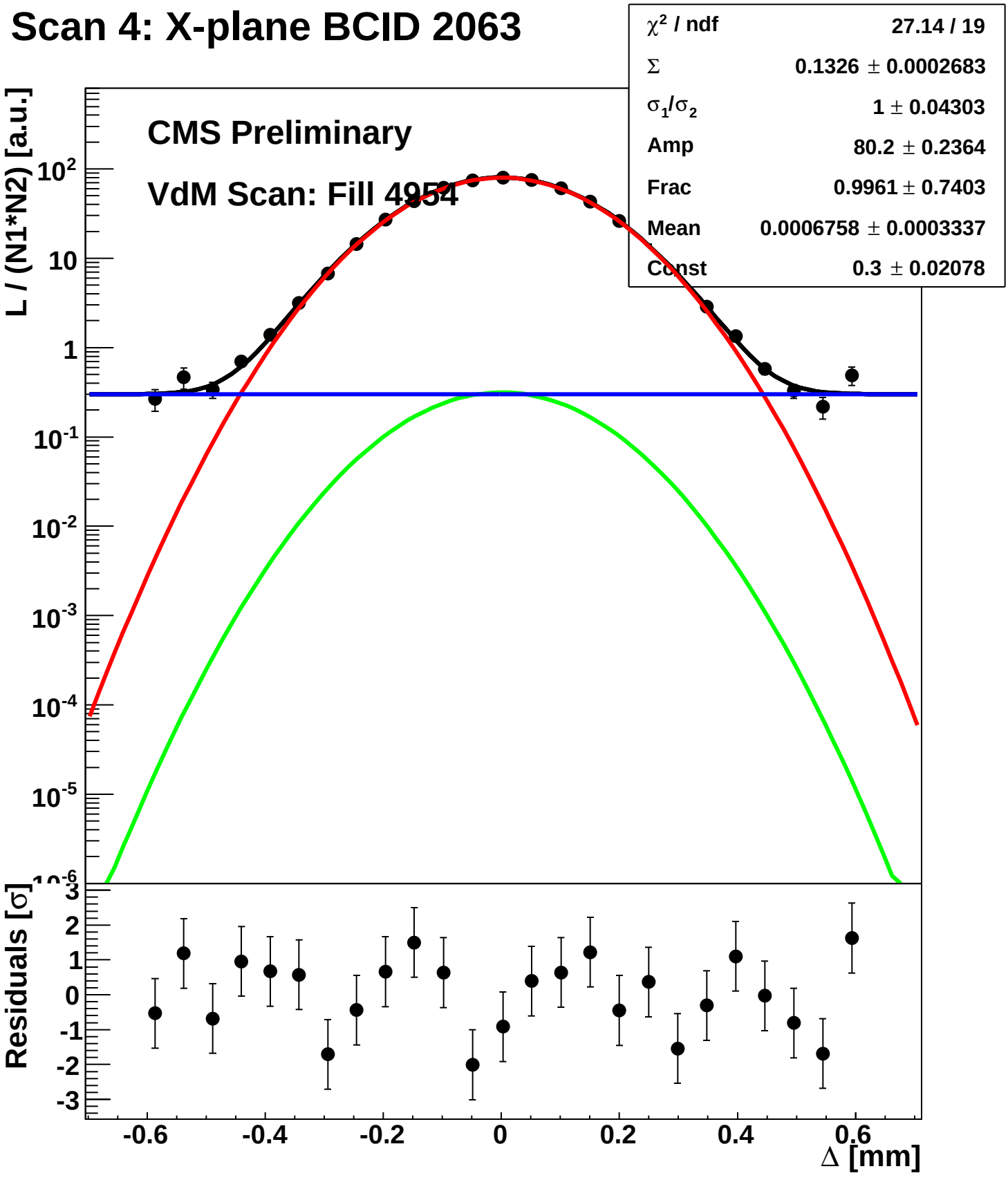

Scan 3: Y-plane BCID 281
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 21.51 / 19
Σ 0.1284 ± 0.0003003
σ1/σ2 1 ± 0.04139
Amp 79.99 ± 0.2548
Frac 0.9964 ± 0.7392
Mean 0.001198 ± 0.0003465
Const 0.3239 ± 0.02374
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

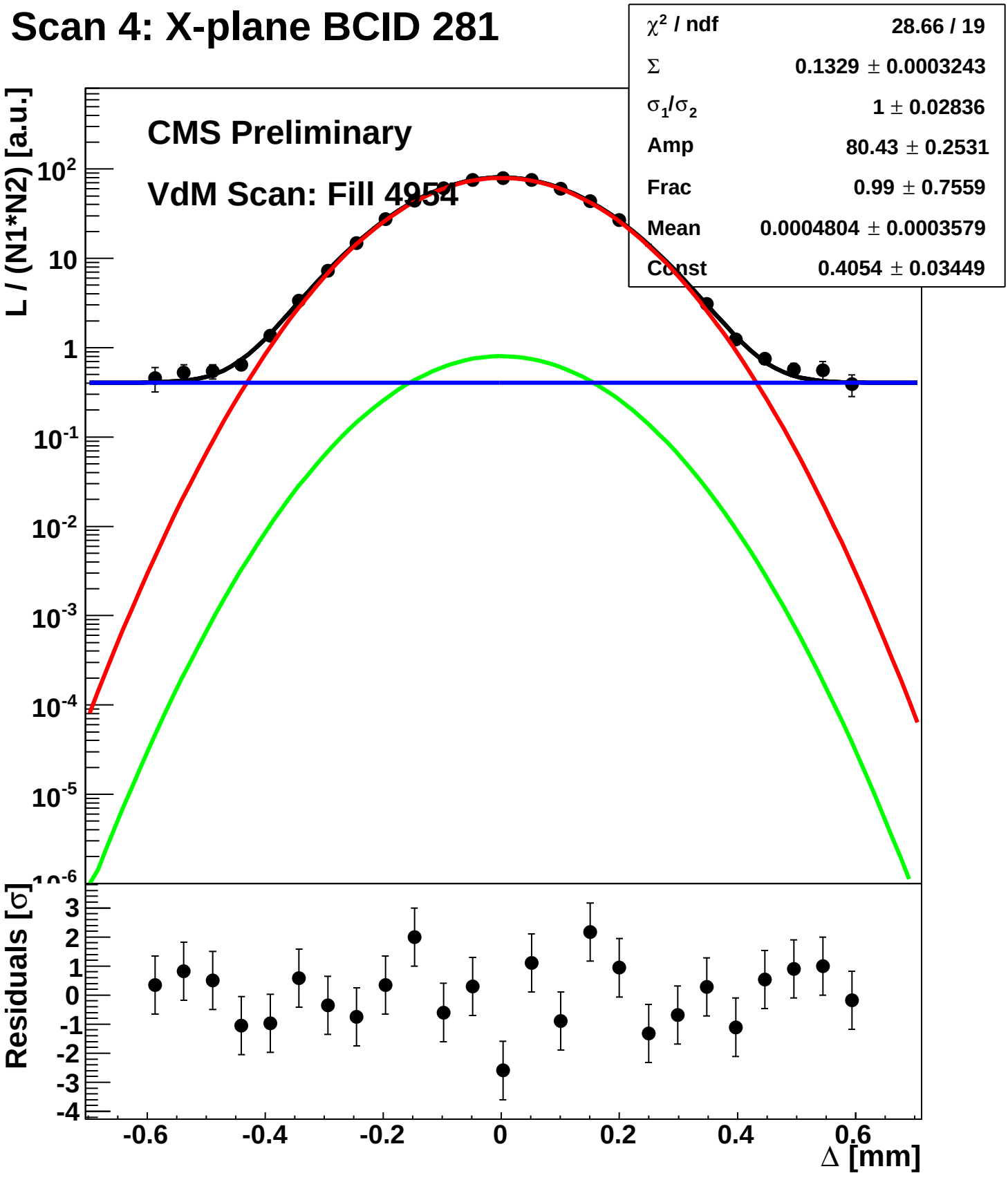

Scan 3: Y-plane BCID 41
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 29.86 / 19
Σ 0.1383 ± 0.0003545
σ1/σ2 1 ± 0.03367
Amp 70.95 ± 0.2353
Frac 0.99 ± 0.7559
Mean 0.0007482 ± 0.0003915
Const 0.3966 ± 0.03104
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

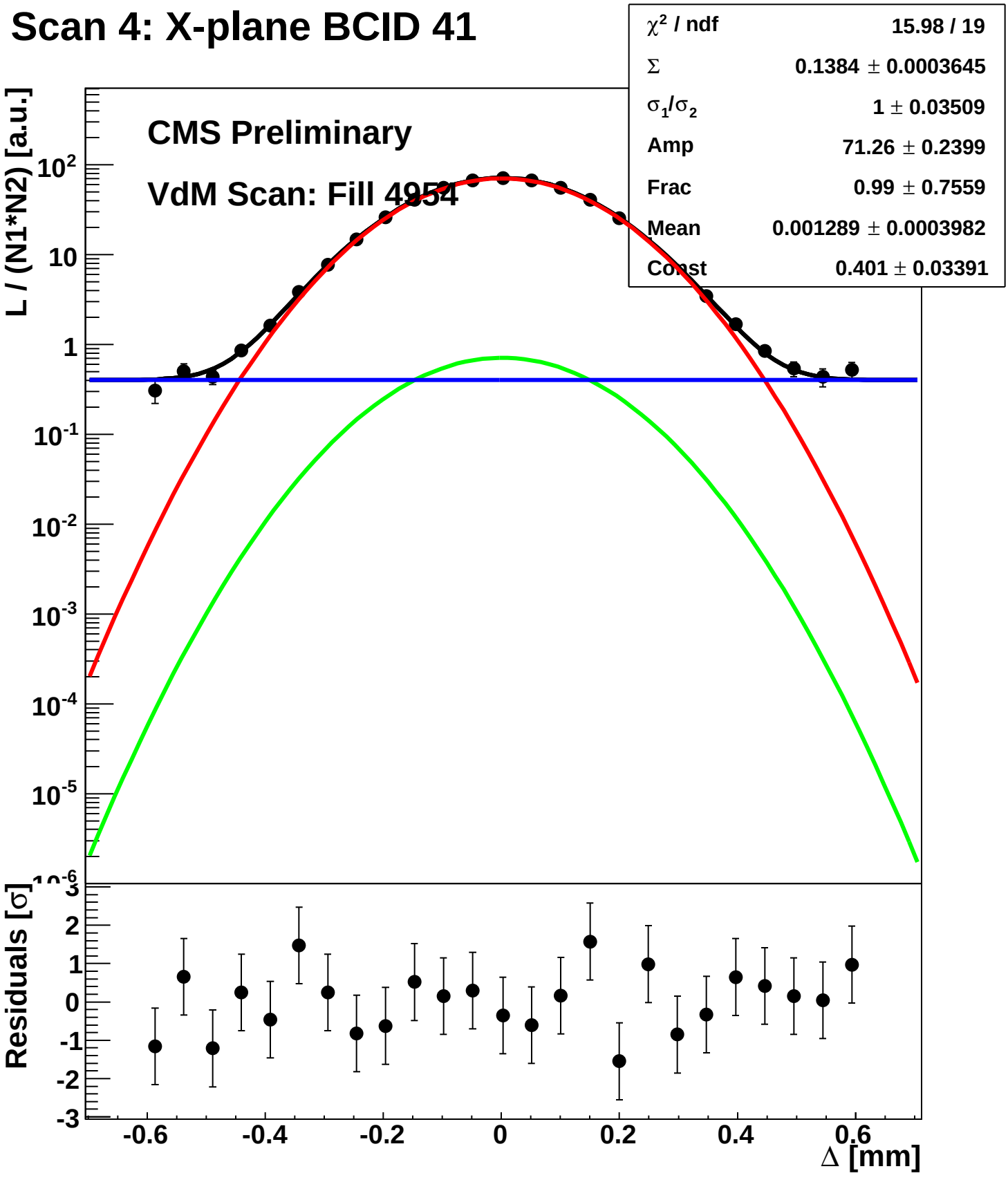

Scan 3: Y-plane BCID 872
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 23.59 / 19
Σ 0.13 ± 0.0003172
σ1/σ2 1 ± 0.01825
Amp 77.91 ± 0.2583
Frac 0.8394 ± 0.8734
Mean 0.0009289 ± 0.0003645
Const 0.3326 ± 0.02849
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

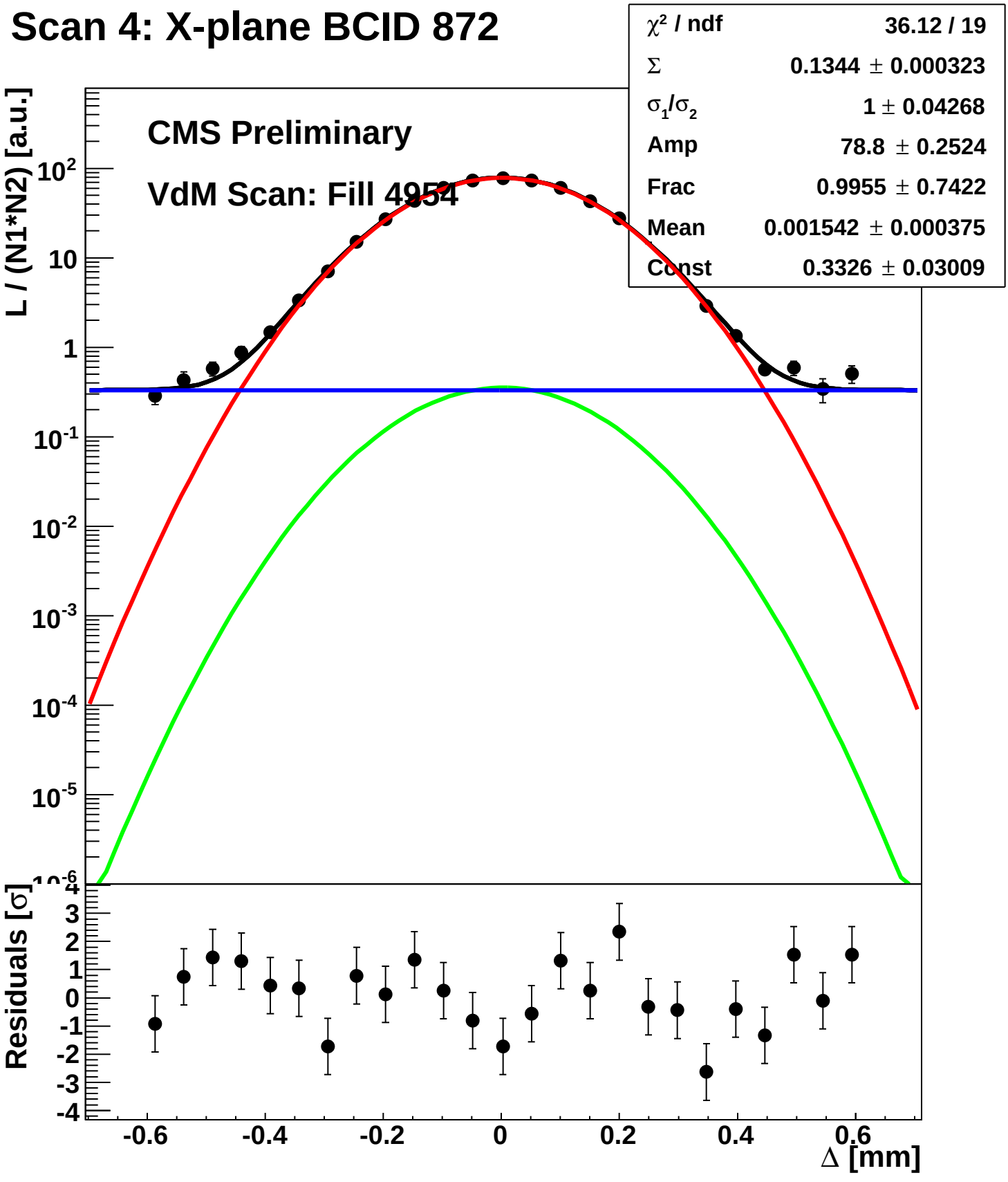

Scan 3: Y-plane BCID sum
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 2.25 / 19
Σ 6.806e-05 ± 1875
σ1/σ2 0.527 ± 0.008466
Amp 1.1 ± 0.9873
Frac 0.99 ± 0.2601
Mean -0.0009249 ± 0.4867
Const 0.3 ± 0.02231
L / (N1*N2) [a.u.]
10
1
10-1
Residuals [σ]
1
0.5
0
-0.5
-1
-0.6
-0.4
-0.2
0
0.2
0.4
0.6
Δ [mm]


Scan 4: X-plane BCID 1783
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 26.31 / 19
Σ 0.1319 ± 0.0003185
σ1/σ2 1 ± 0.01523
Amp 81.55 ± 0.2618
Frac 0.8352 ± 0.7683
Mean 0.001233 ± 0.0003587
Const 0.3914 ± 0.03268
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

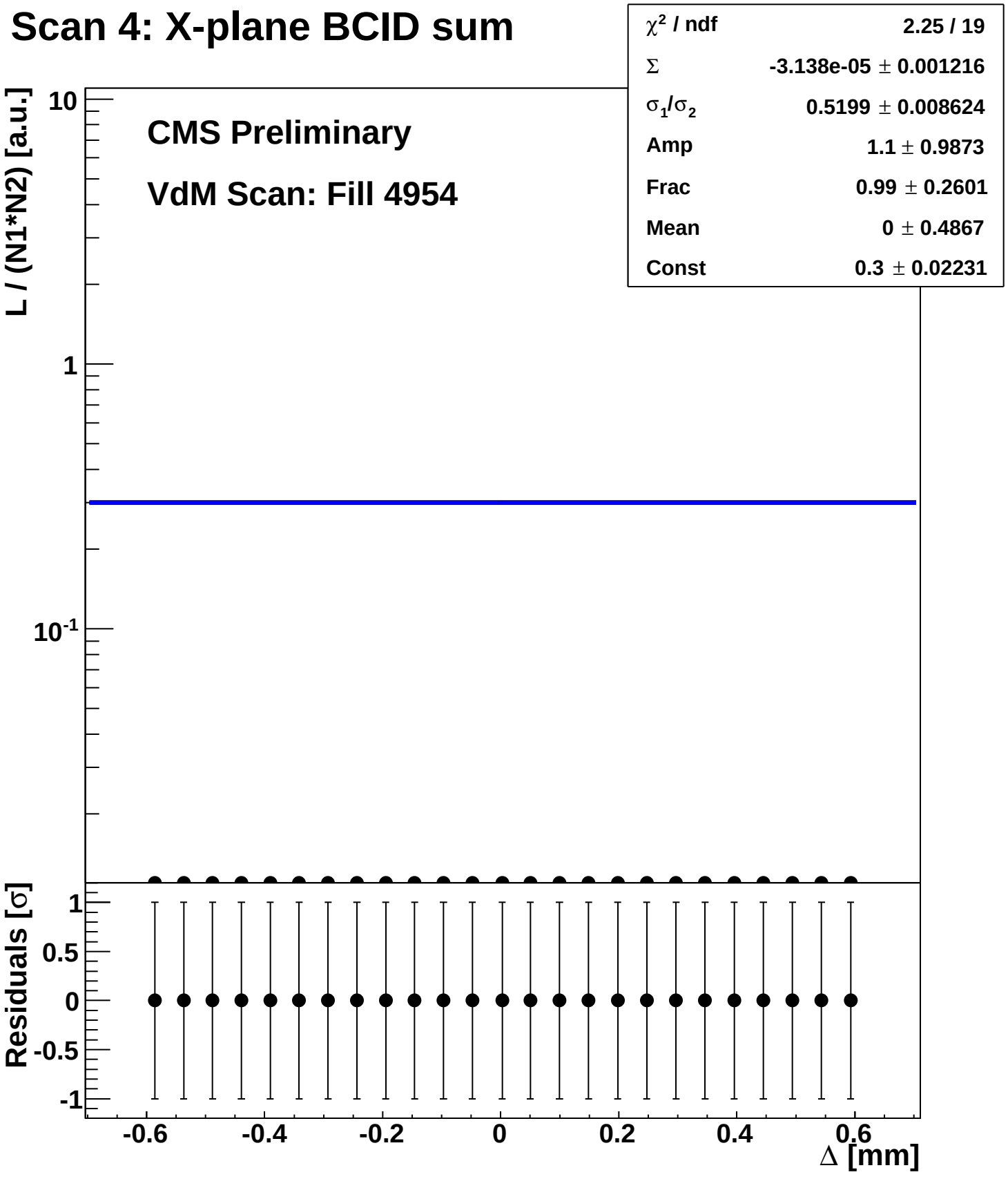

Scan 4: X-plane BCID 2063
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 27.14 / 19
Σ 0.1326 ± 0.0002683
σ1/σ2 1 ± 0.04303
Amp 80.2 ± 0.2364
Frac 0.9961 ± 0.7403
Mean 0.0006758 ± 0.0003337
Const 0.3 ± 0.02078
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

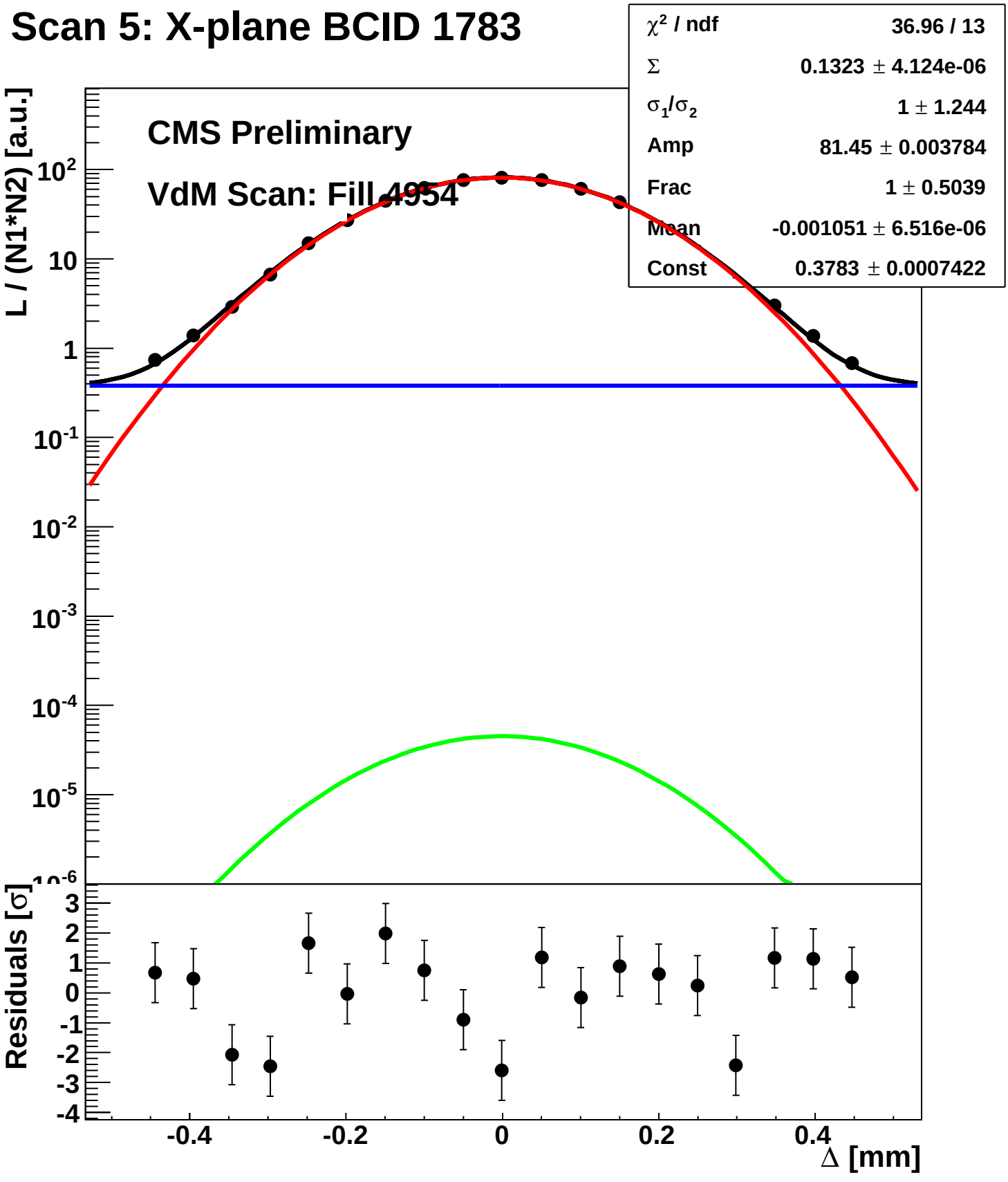

Scan 4: X-plane BCID 281
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 28.66 / 19
Σ 0.1329 ± 0.0003243
σ1/σ2 1 ± 0.02836
Amp 80.43 ± 0.2531
Frac 0.99 ± 0.7559
Mean 0.0004804 ± 0.0003579
Const 0.4054 ± 0.03449
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

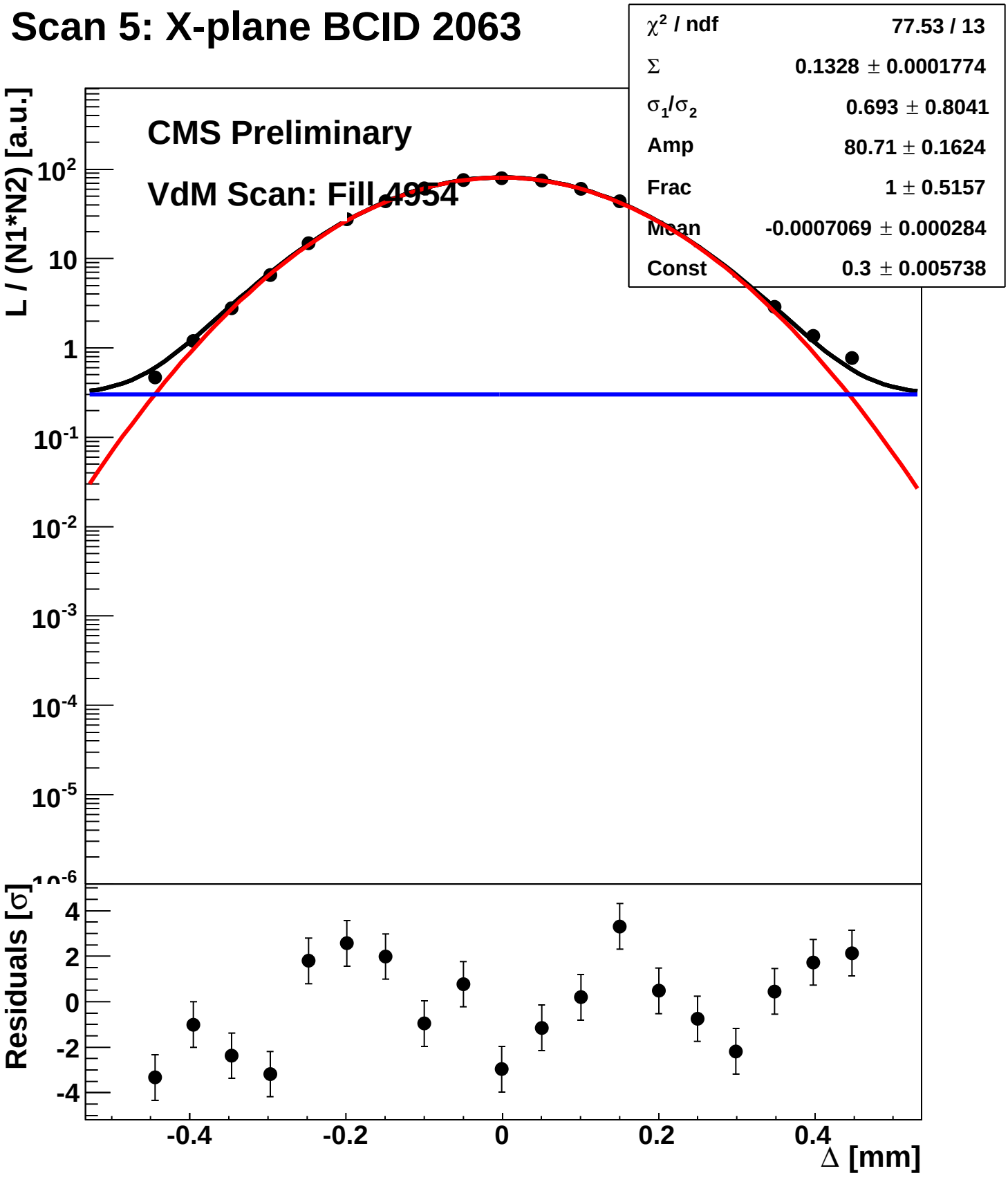

Scan 4: X-plane BCID 41
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 15.98 / 19
Σ 0.1384 ± 0.0003645
σ1/σ2 1 ± 0.03509
Amp 71.26 ± 0.2399
Frac 0.99 ± 0.7559
Mean 0.001289 ± 0.0003982
Const 0.401 ± 0.03391
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

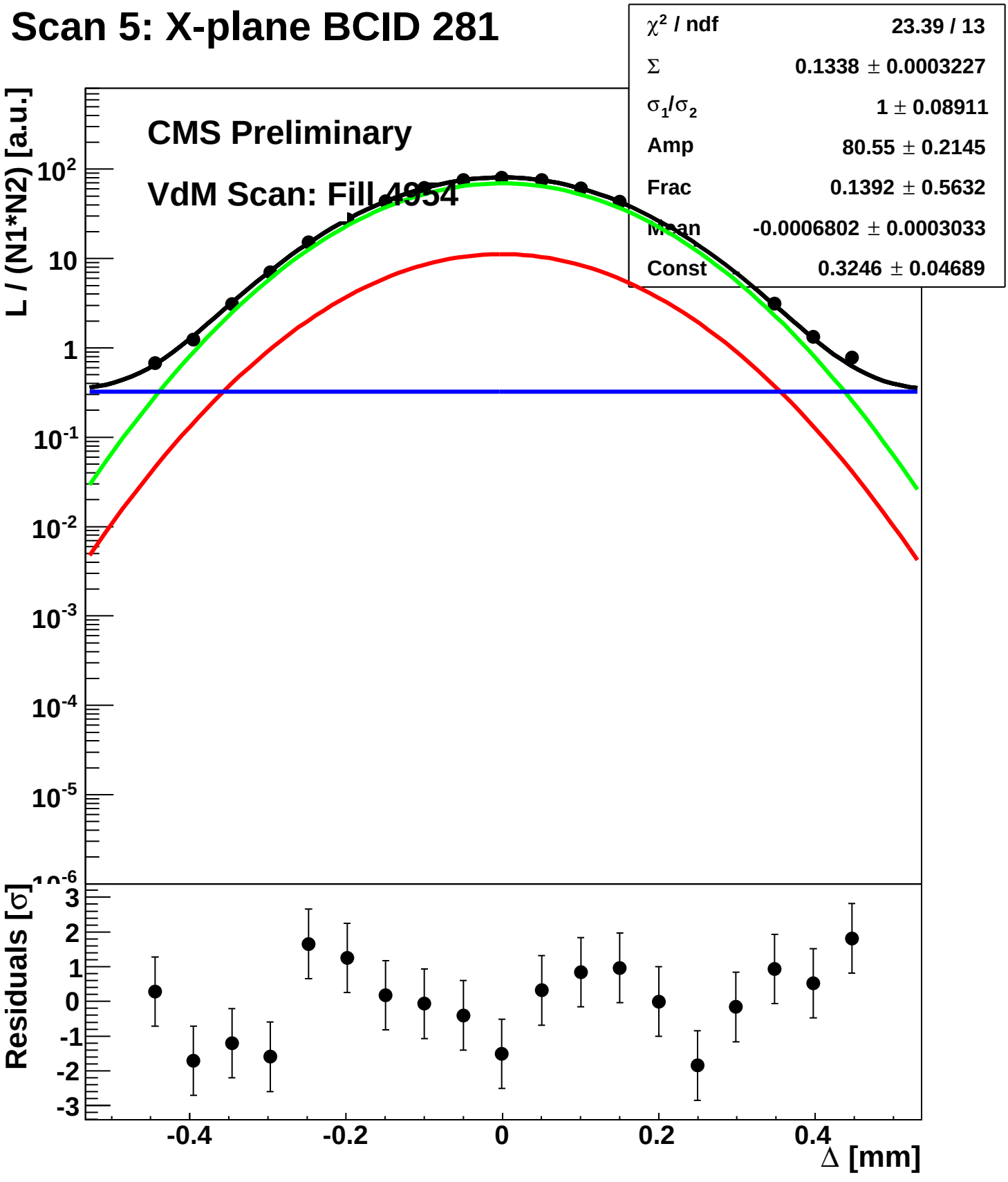

Scan 4: X-plane BCID 872
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 36.12 / 19
Σ 0.1344 ± 0.000323
σ1/σ2 1 ± 0.04268
Amp 78.8 ± 0.2524
Frac 0.9955 ± 0.7422
Mean 0.001542 ± 0.000375
Const 0.3326 ± 0.03009
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

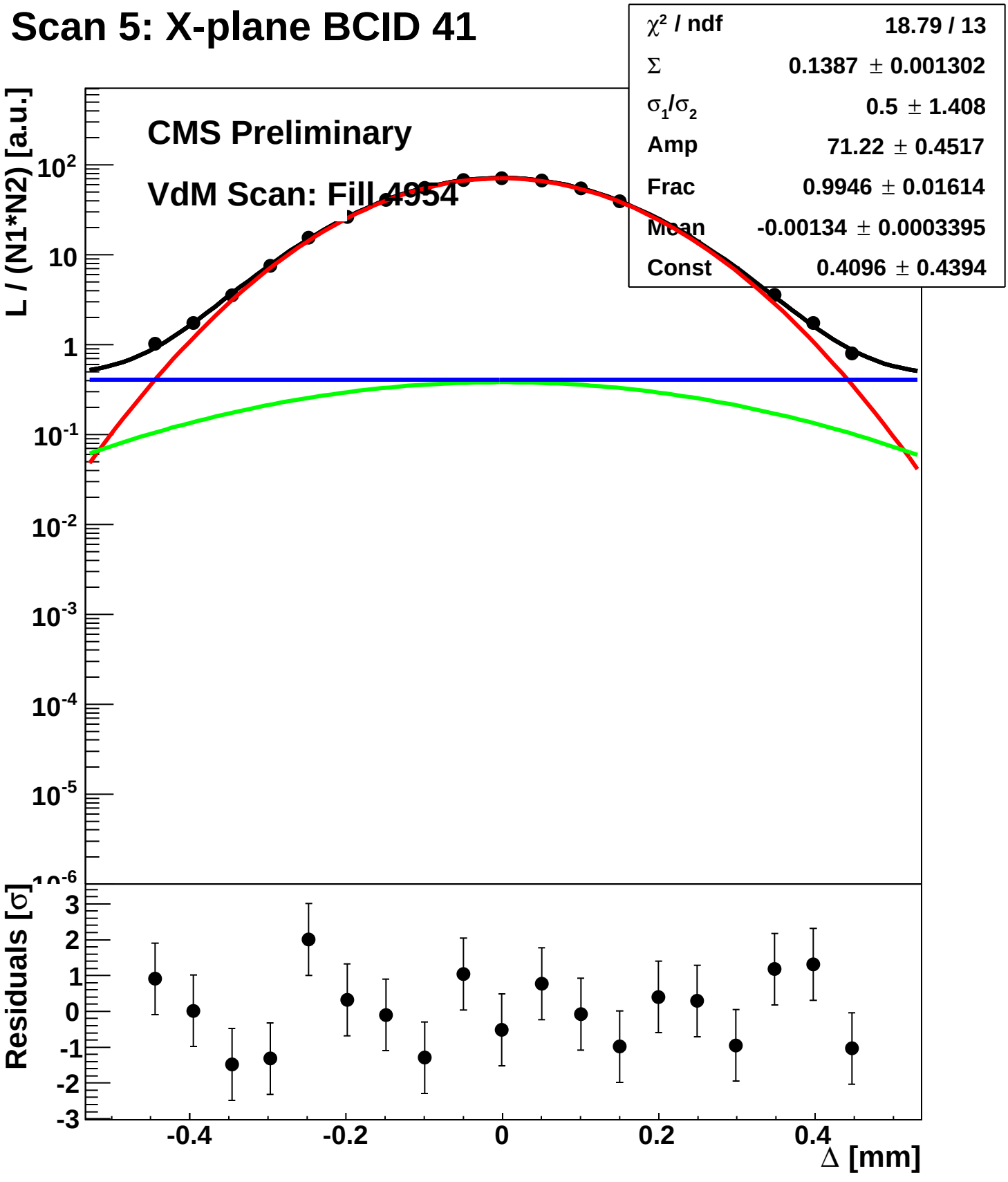
Scan 4: X-plane BCID sum

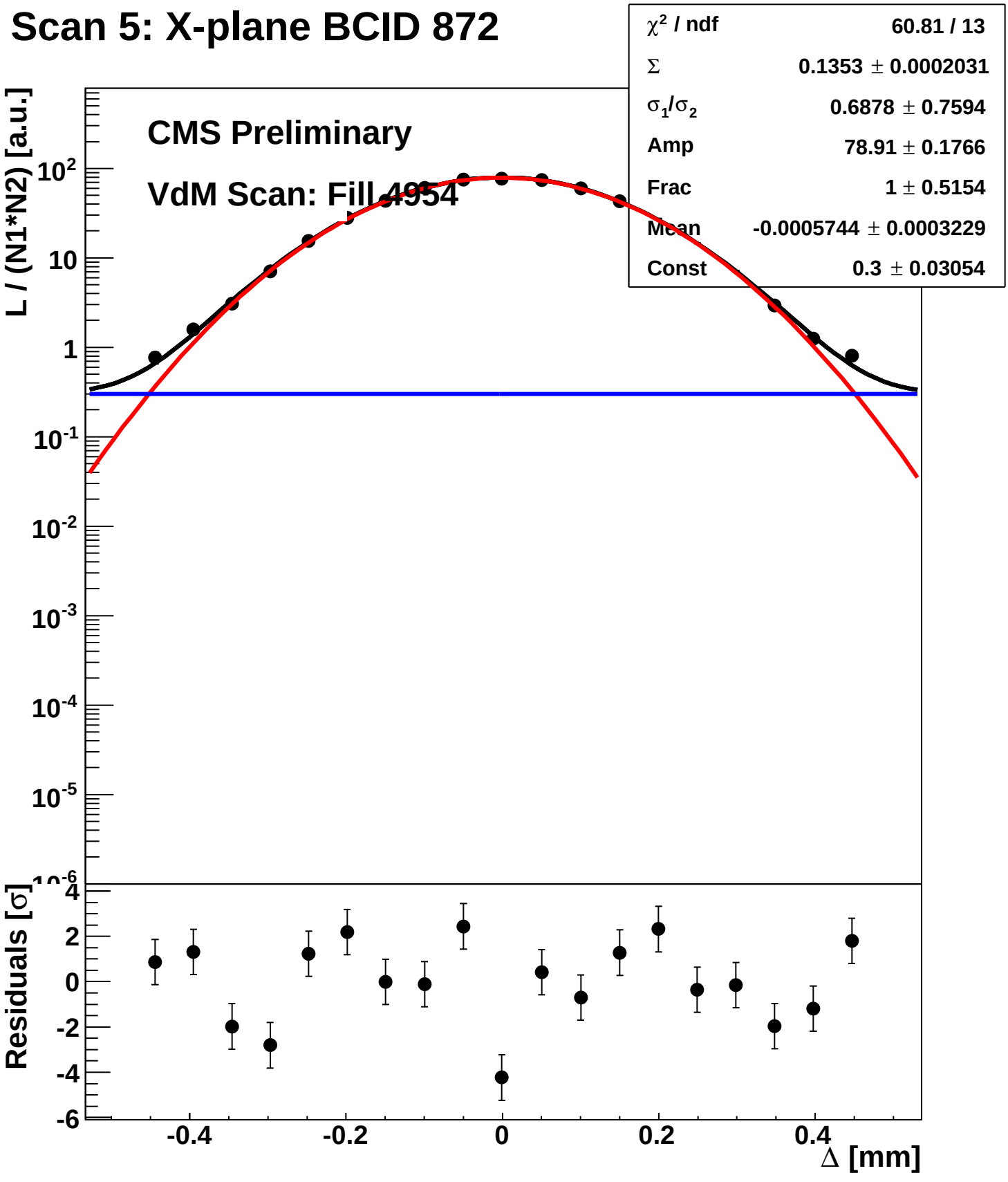



Scan 5: X-plane BCID 1783
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 36.96 / 13
Σ 0.1323 ± 4.124e-06
σ1/σ2 1 ± 1.244
Amp 81.45 ± 0.003784
Frac 1 ± 0.5039
Mean -0.001051 ± 6.516e-06
Const 0.3783 ± 0.0007422
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

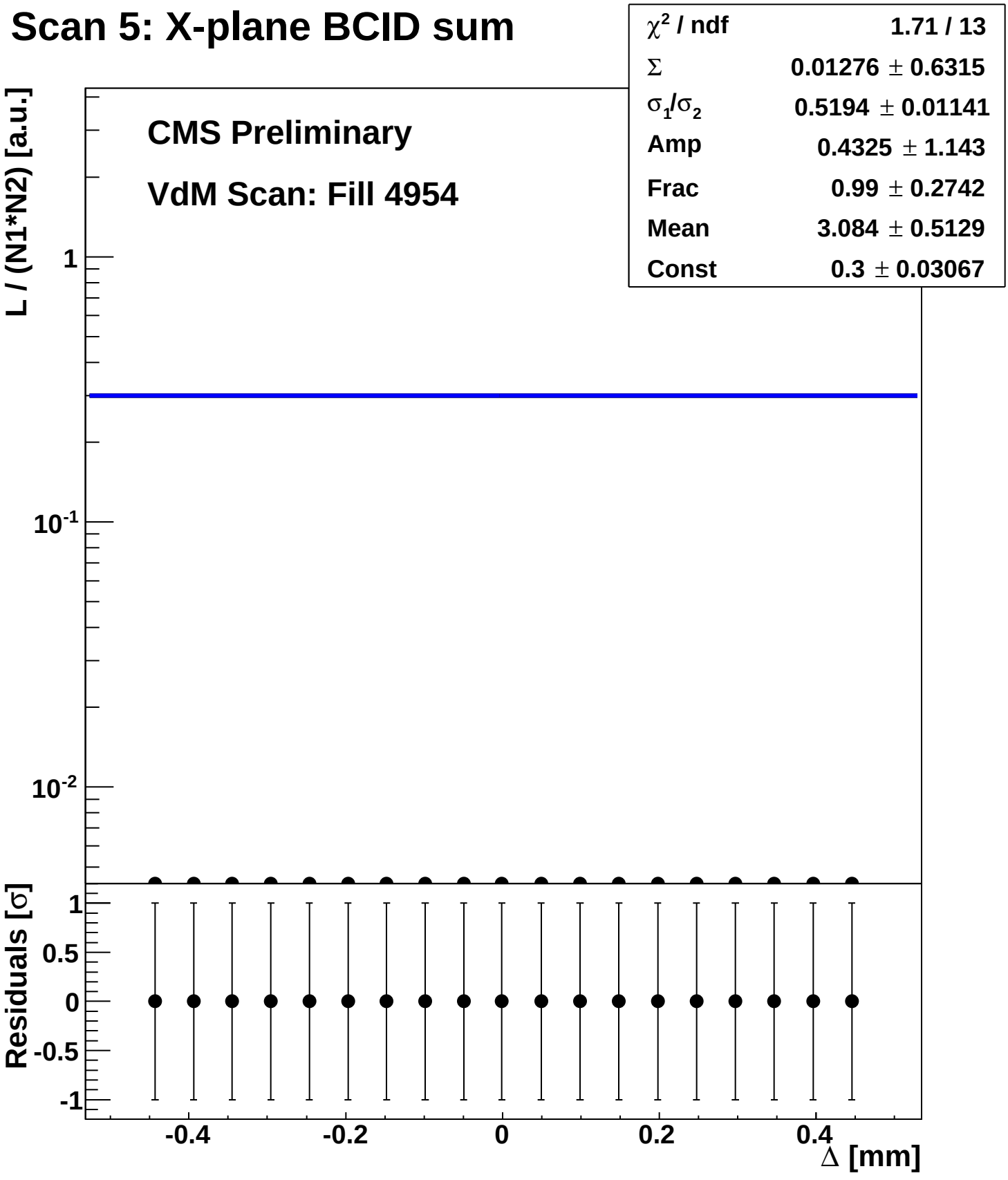

Scan 5: X-plane BCID 2063
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 77.53 / 13
Σ 0.1328 ± 0.0001774
σ1/σ2 0.693 ± 0.8041
Amp 80.71 ± 0.1624
Frac 1 ± 0.5157
Mean -0.0007069 ± 0.000284
Const 0.3 ± 0.005738
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

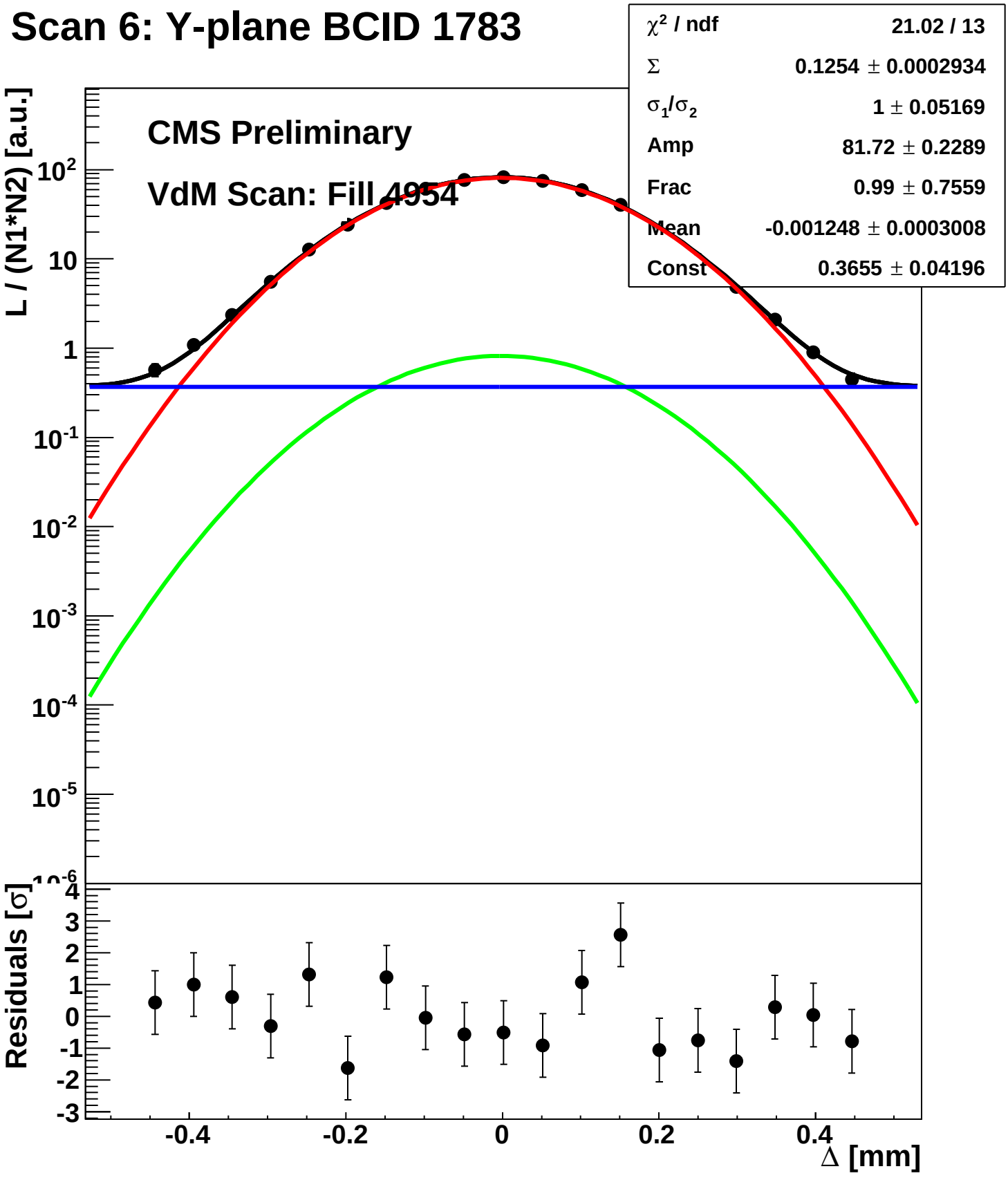

Scan 5: X-plane BCID 281
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 23.39 / 13
Σ 0.1338 ± 0.0003227
σ1/σ2 1 ± 0.08911
Amp 80.55 ± 0.2145
Frac 0.1392 ± 0.5632
Mean -0.0006802 ± 0.0003033
Const 0.3246 ± 0.04689
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

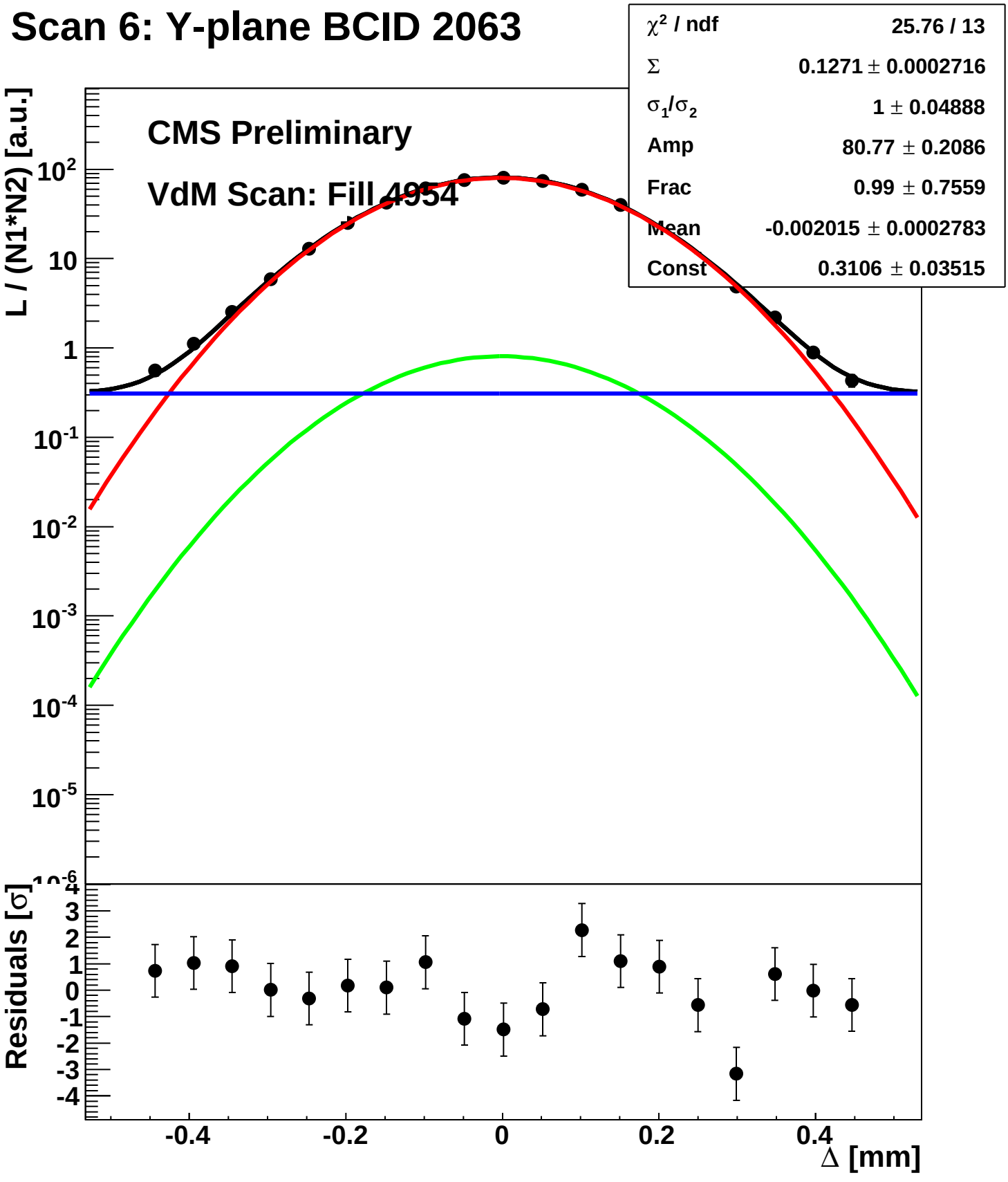

Scan 5: X-plane BCID 41
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 18.79 / 13
Σ 0.1387 ± 0.001302
σ1/σ2 0.5 ± 1.408
Amp 71.22 ± 0.4517
Frac 0.9946 ± 0.01614
Mean -0.00134 ± 0.0003395
Const 0.4096 ± 0.4394
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

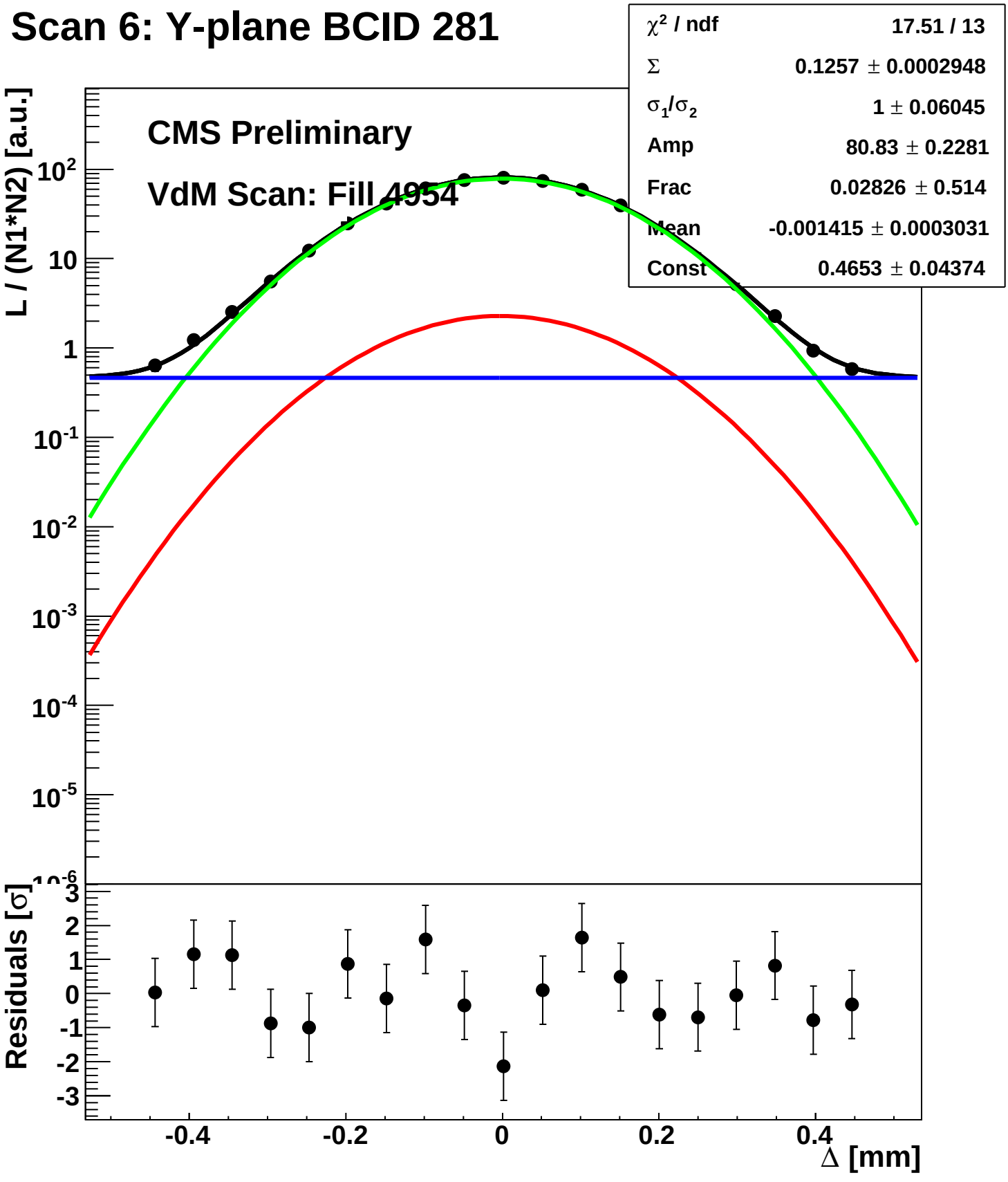

Scan 5: X-plane BCID 872
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 60.81 / 13
Σ 0.1353 ± 0.0002031
σ1/σ2 0.6878 ± 0.7594
Amp 78.91 ± 0.1766
Frac 1 ± 0.5154
Mean -0.0005744 ± 0.0003229
Const 0.3 ± 0.03054
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

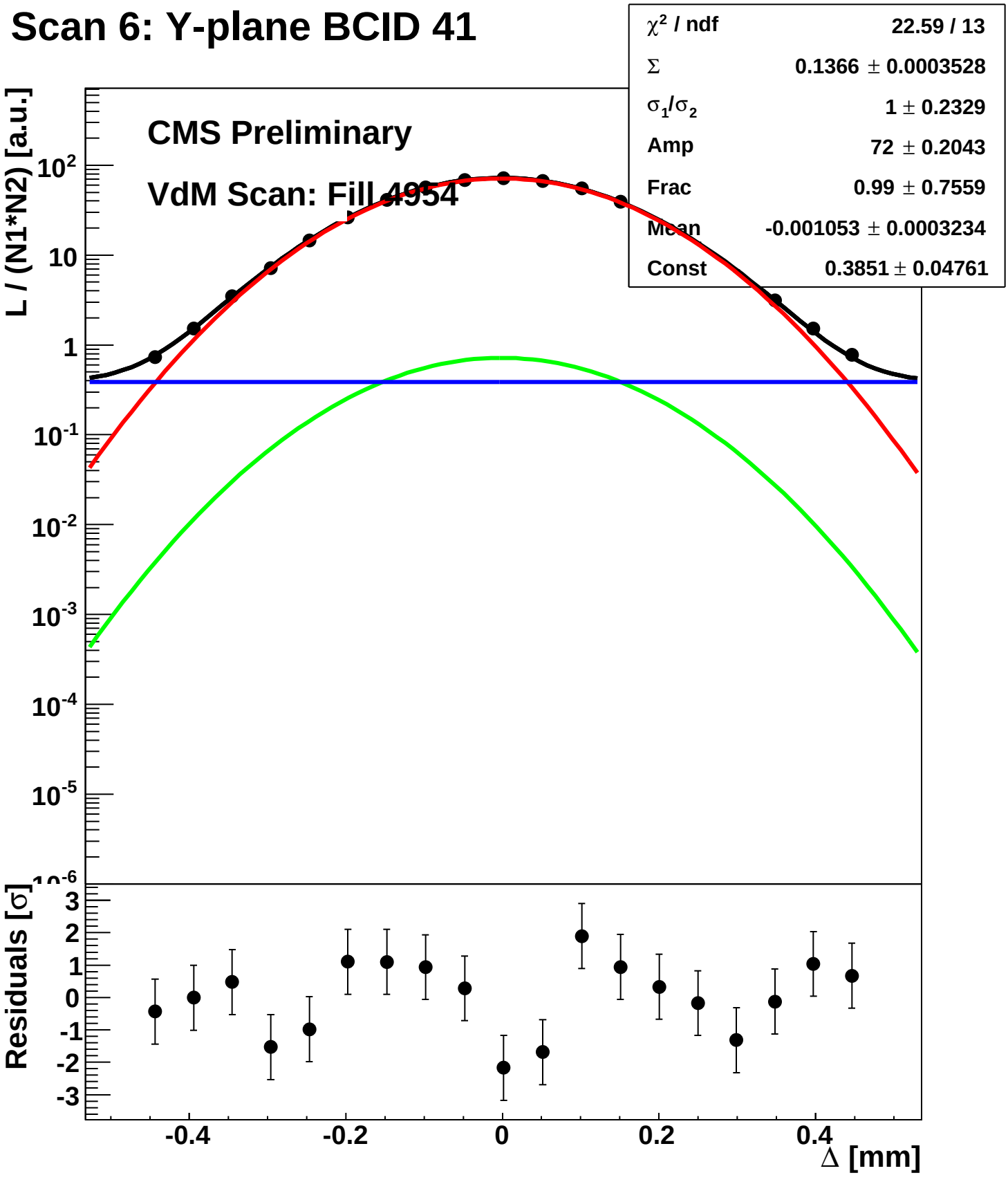
Scan 5: X-plane BCID sum

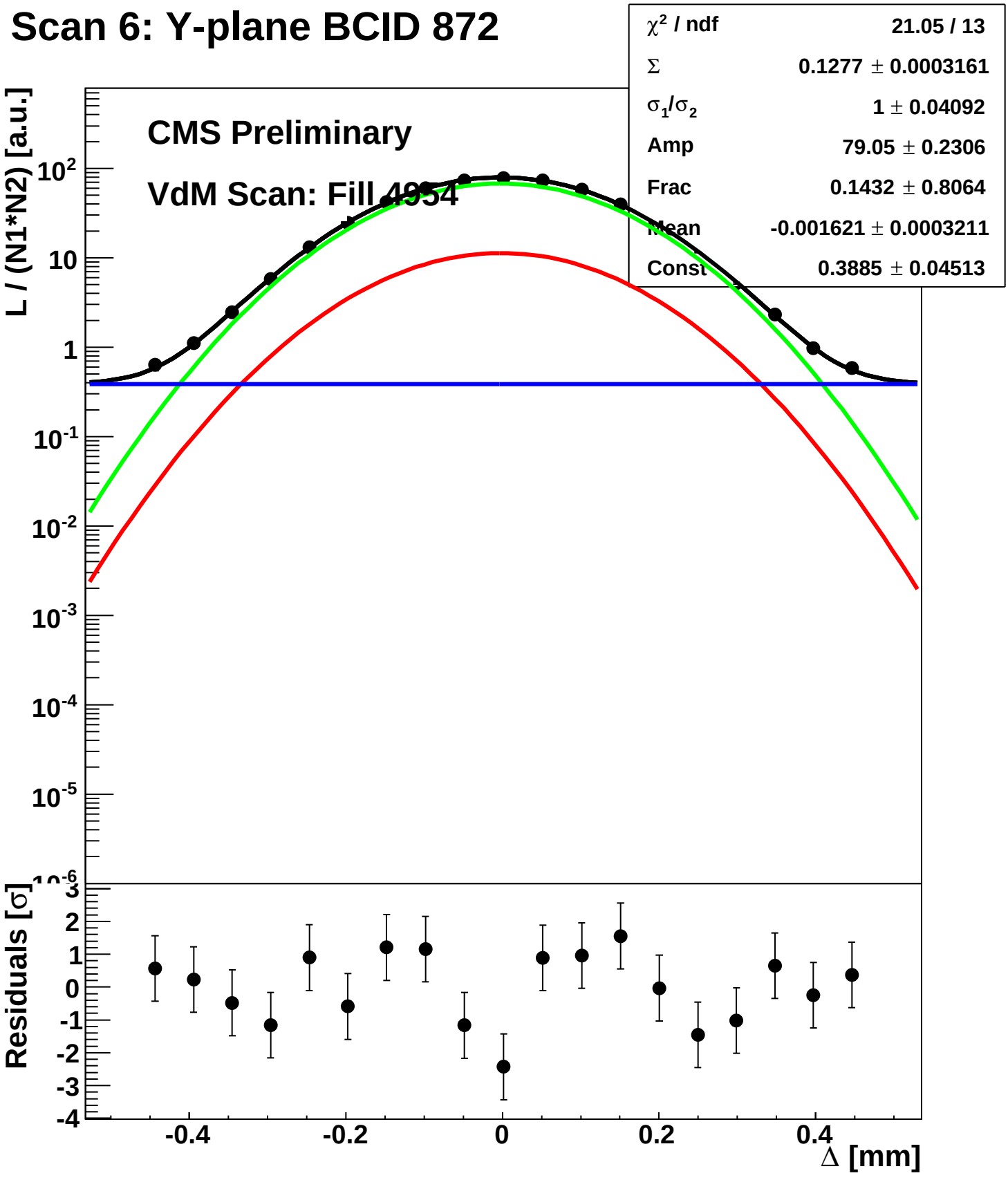



Scan 6: Y-plane BCID 1783
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 21.02 / 13
Σ 0.1254 ± 0.0002934
σ1/σ2 1 ± 0.05169
Amp 81.72 ± 0.2289
Frac 0.99 ± 0.7559
Mean -0.001248 ± 0.0003008
Const 0.3655 ± 0.04196
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

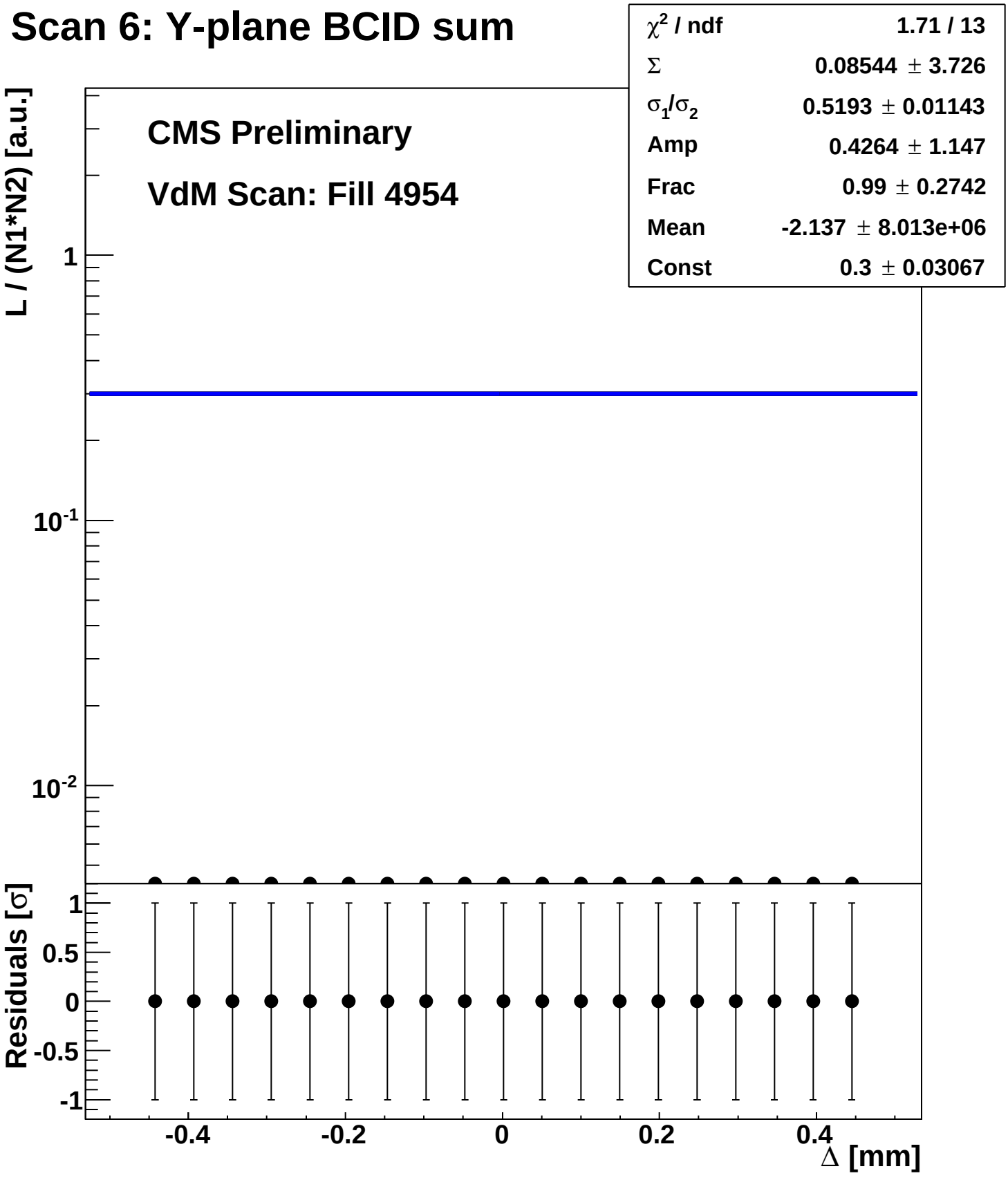

Scan 6: Y-plane BCID 2063
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 25.76 / 13
Σ 0.1271 ± 0.0002716
σ1/σ2 1 ± 0.04888
Amp 80.77 ± 0.2086
Frac 0.99 ± 0.7559
Mean -0.002015 ± 0.0002783
Const 0.3106 ± 0.03515
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

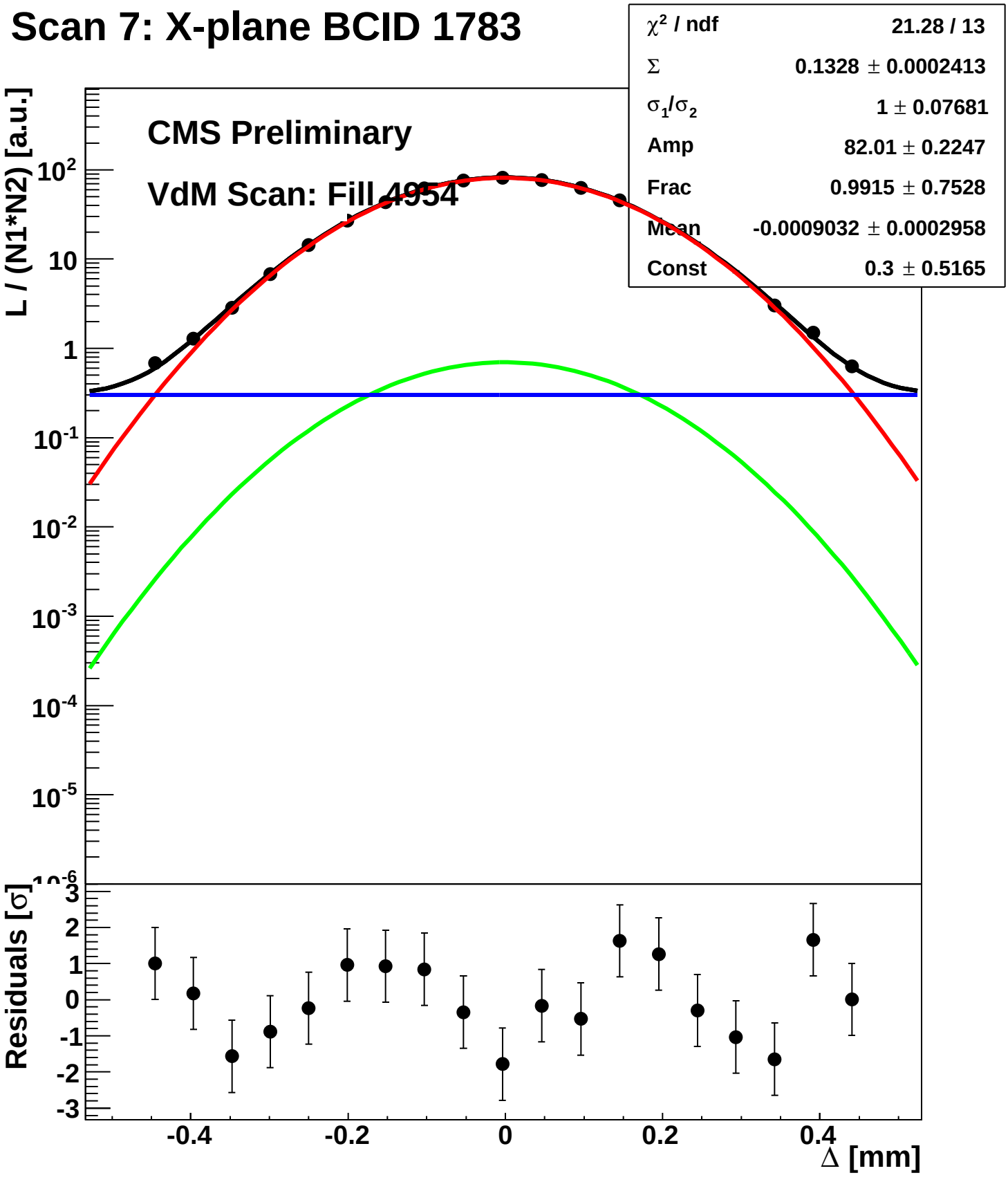

Scan 6: Y-plane BCID 281
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 17.51 / 13
Σ 0.1257 ± 0.0002948
σ1/σ2 1 ± 0.06045
Amp 80.83 ± 0.2281
Frac 0.02826 ± 0.514
Mean -0.001415 ± 0.0003031
Const 0.4653 ± 0.04374
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

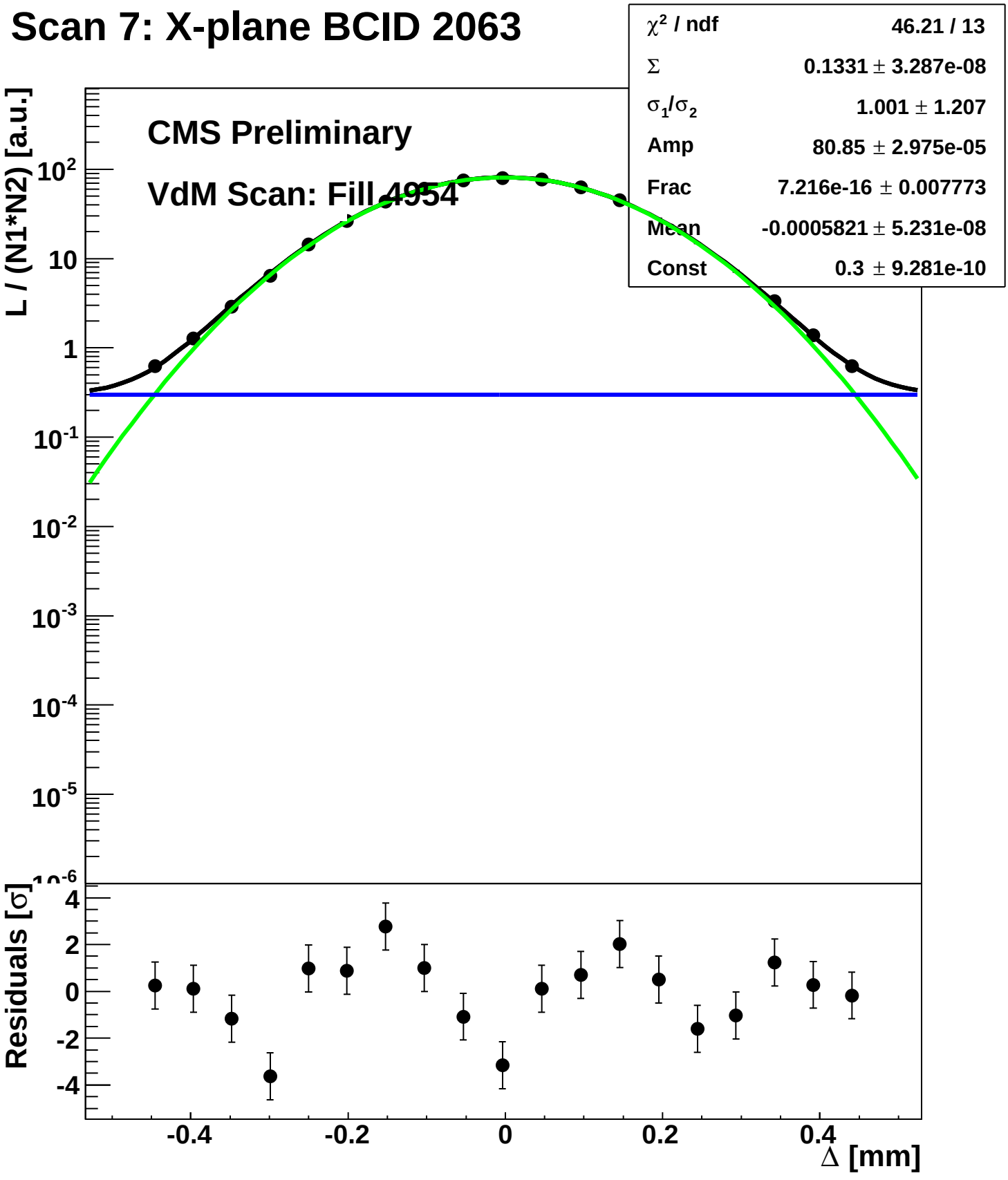

Scan 6: Y-plane BCID 41
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 22.59 / 13
Σ 0.1366 ± 0.0003528
σ1/σ2 1 ± 0.2329
Amp 72 ± 0.2043
Frac 0.99 ± 0.7559
Mean -0.001053 ± 0.0003234
Const 0.3851 ± 0.04761
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

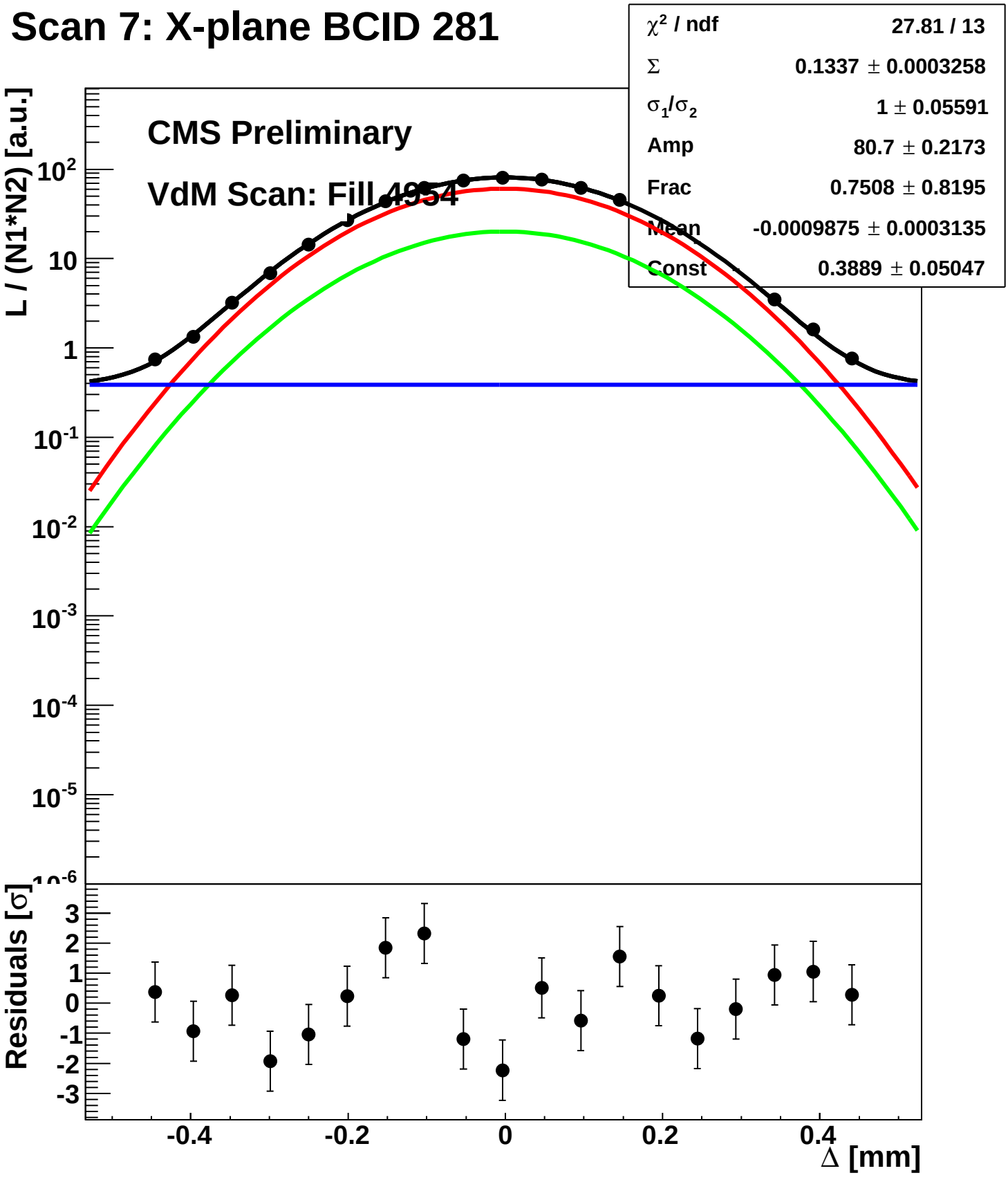

Scan 6: Y-plane BCID 872
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 21.05 / 13
Σ 0.1277 ± 0.0003161
σ1/σ2 1 ± 0.04092
Amp 79.05 ± 0.2306
Frac 0.1432 ± 0.8064
Mean -0.001621 ± 0.0003211
Const 0.3885 ± 0.04513
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

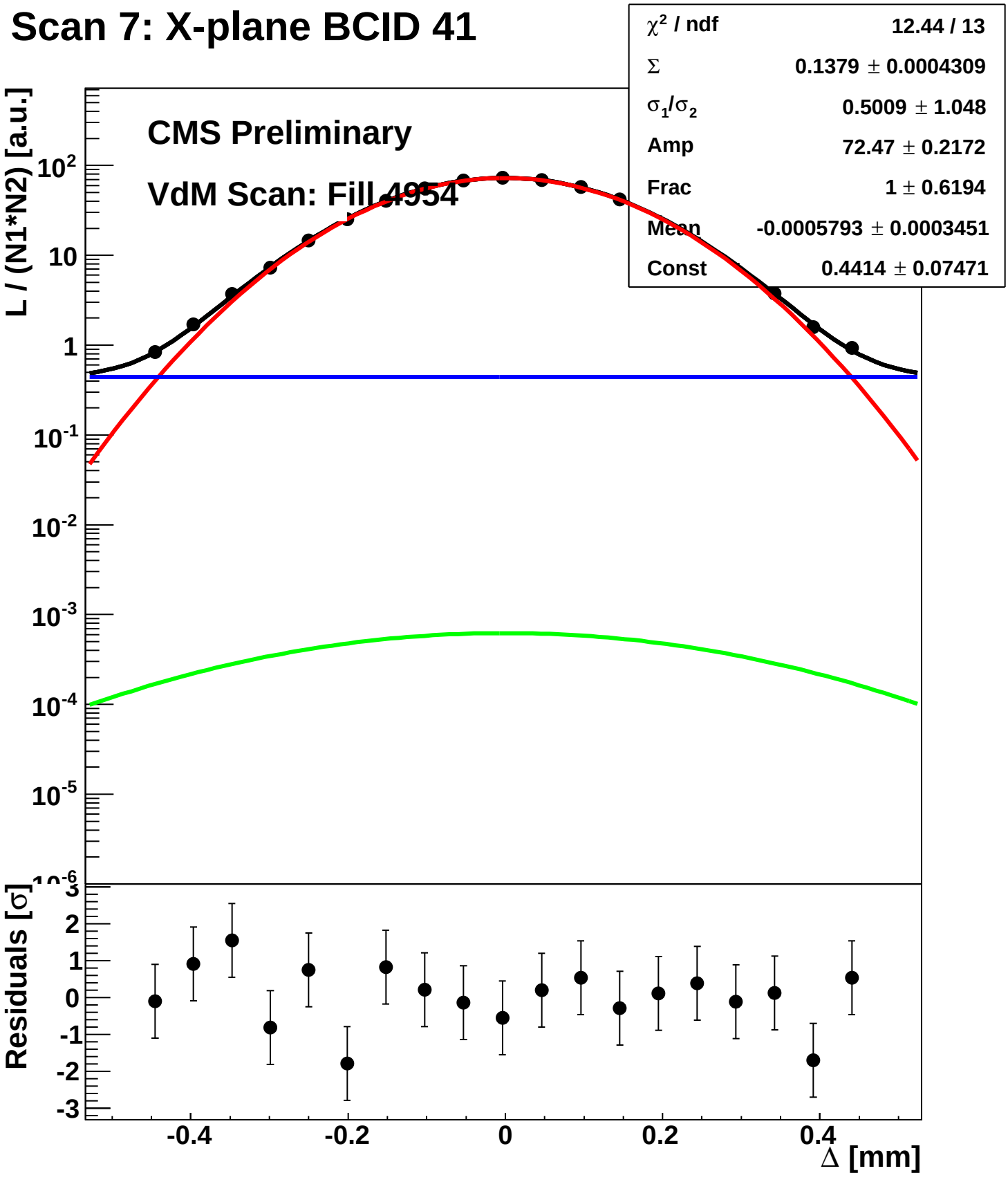
Scan 6: Y-plane BCID sum

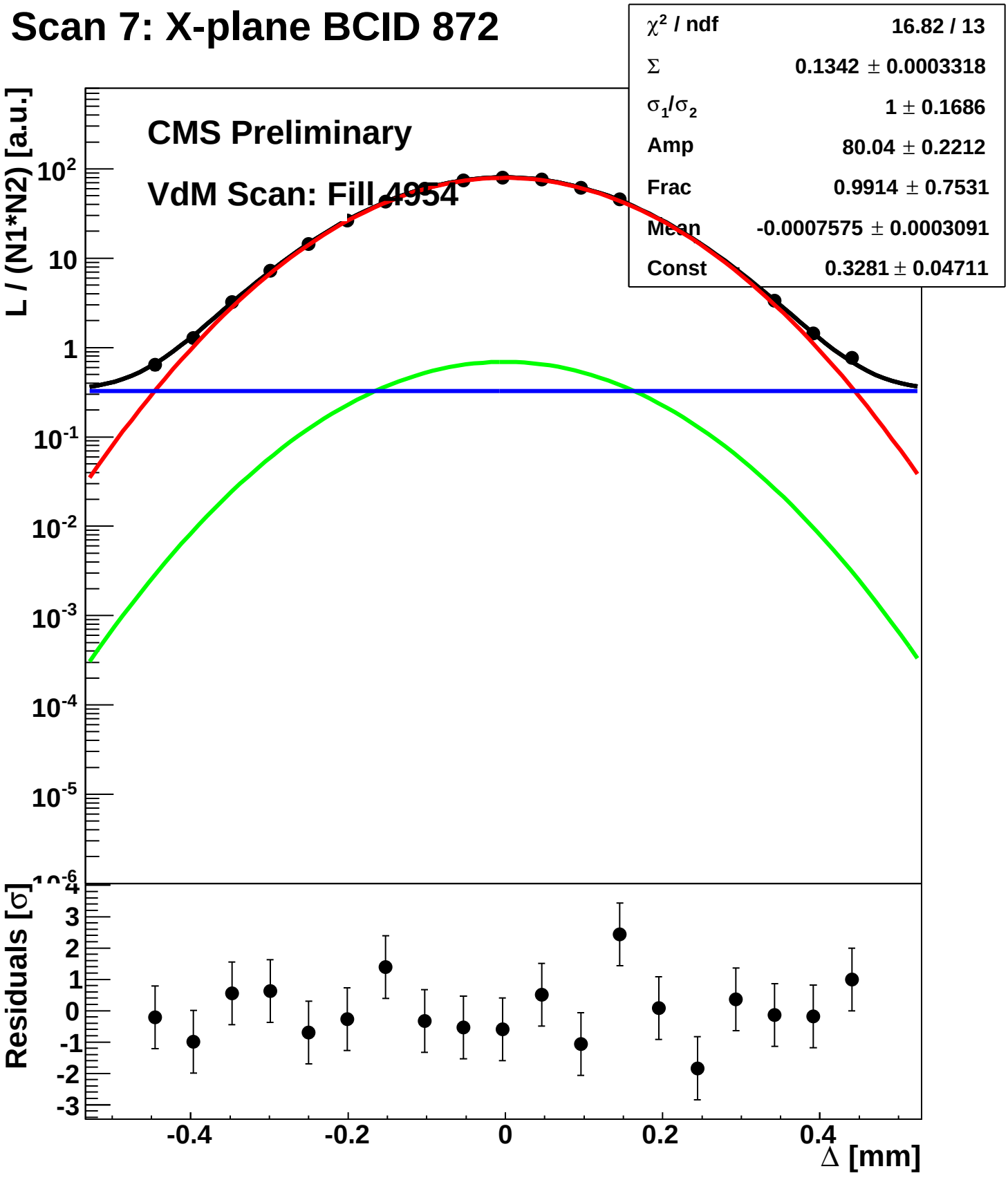


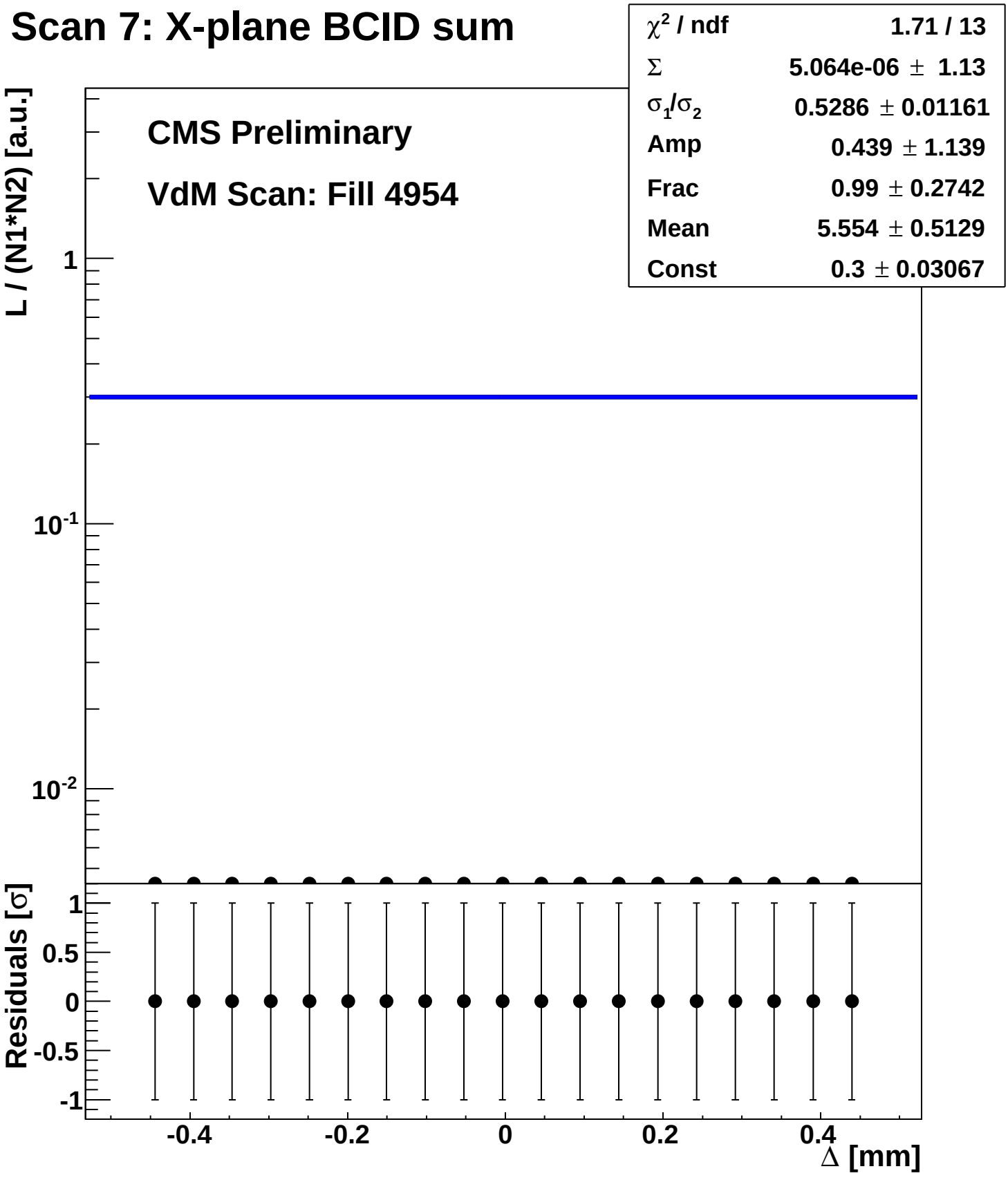

Scan 7: X-plane BCID 1783
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 21.28 / 13
Σ 0.1328 ± 0.0002413
σ1/σ2 1 ± 0.07681
Amp 82.01 ± 0.2247
Frac 0.9915 ± 0.7528
Mean -0.0009032 ± 0.0002958
Const 0.3 ± 0.5165
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

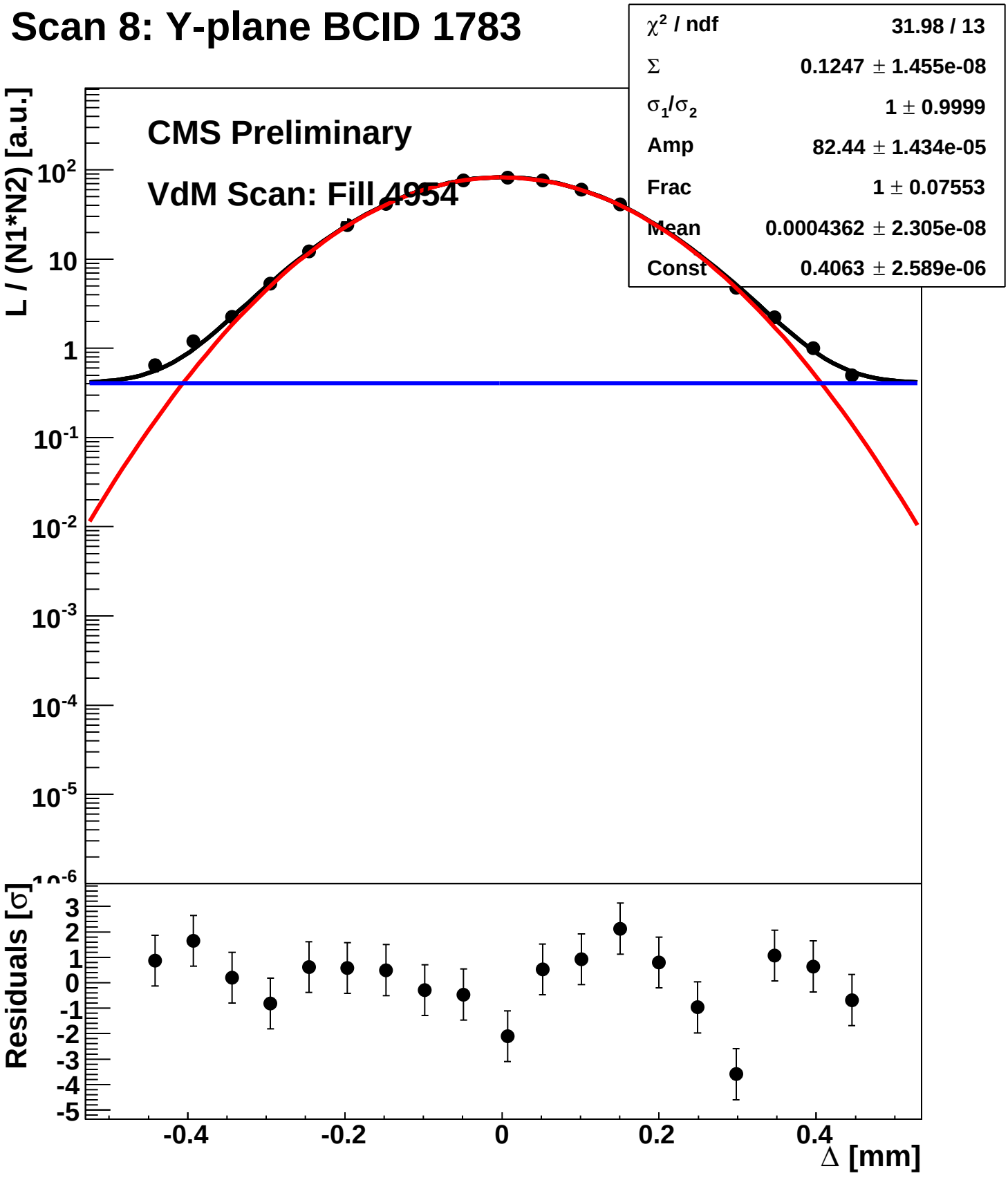

Scan 7: X-plane BCID 2063
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 46.21 / 13
Σ 0.1331 ± 3.287e-08
σ1/σ2 1.001 ± 1.207
Amp 80.85 ± 2.975e-05
Frac 7.216e-16 ± 0.007773
Mean -0.0005821 ± 5.231e-08
Const 0.3 ± 9.281e-10
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

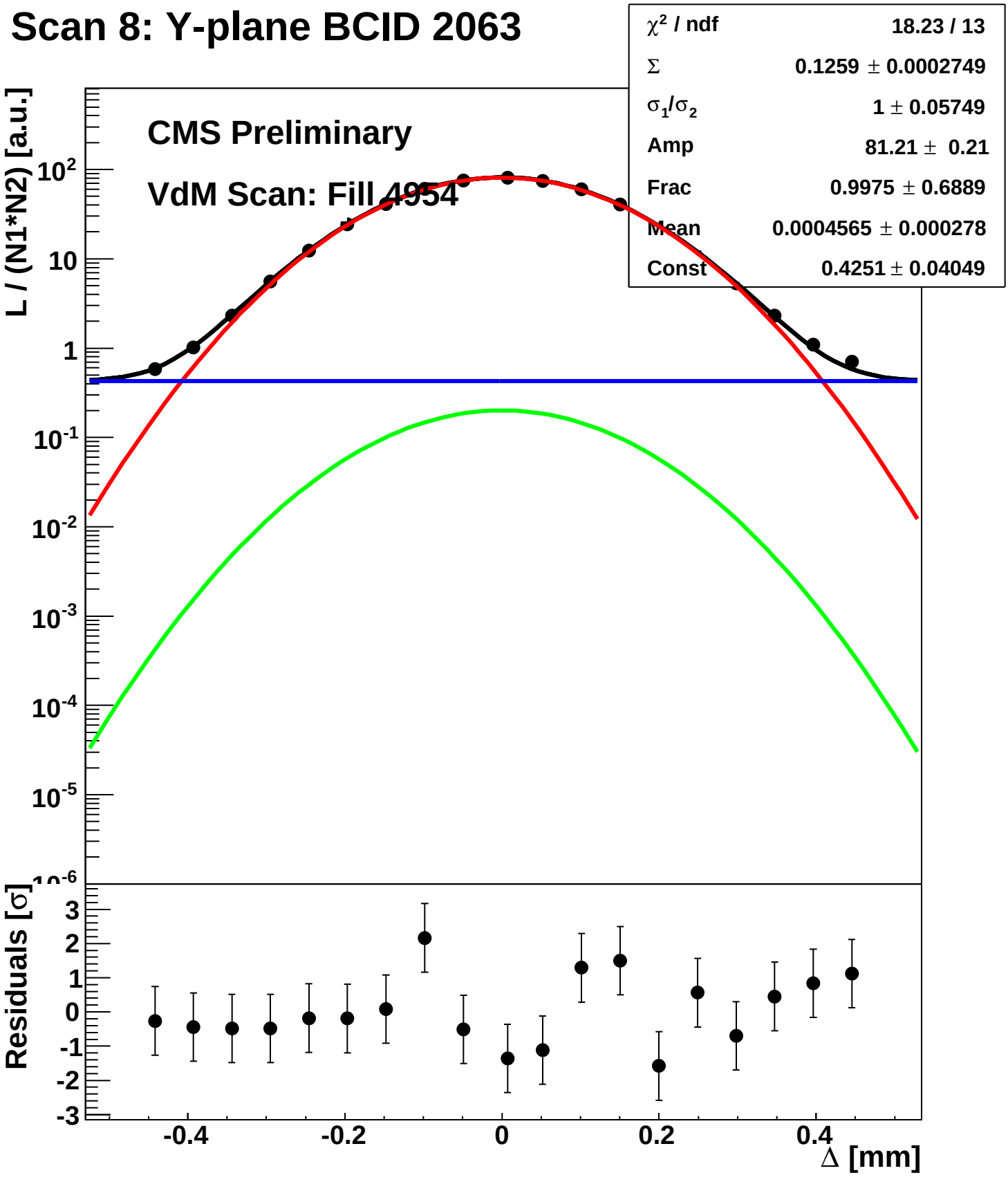

Scan 7: X-plane BCID 281
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 27.81 / 13
Σ 0.1337 ± 0.0003258
σ1/σ2 1 ± 0.05591
Amp 80.7 ± 0.2173
Frac 0.7508 ± 0.8195
Mean -0.0009875 ± 0.0003135
Const 0.3889 ± 0.05047
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

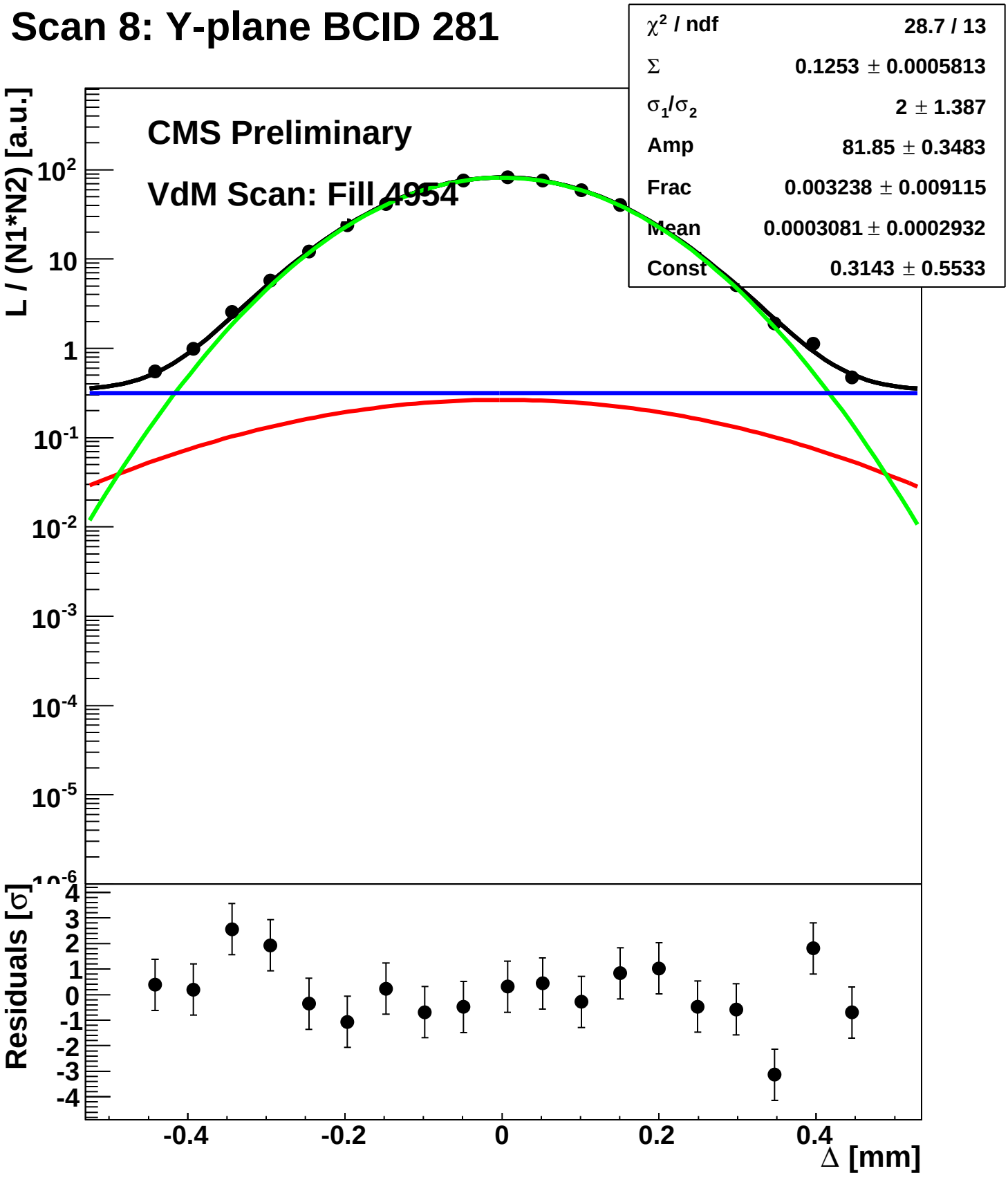

Scan 7: X-plane BCID 41
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 12.44 / 13
Σ 0.1379 ± 0.0004309
σ1/σ2 0.5009 ± 1.048
Amp 72.47 ± 0.2172
Frac 1 ± 0.6194
Mean -0.0005793 ± 0.0003451
Const 0.4414 ± 0.07471
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

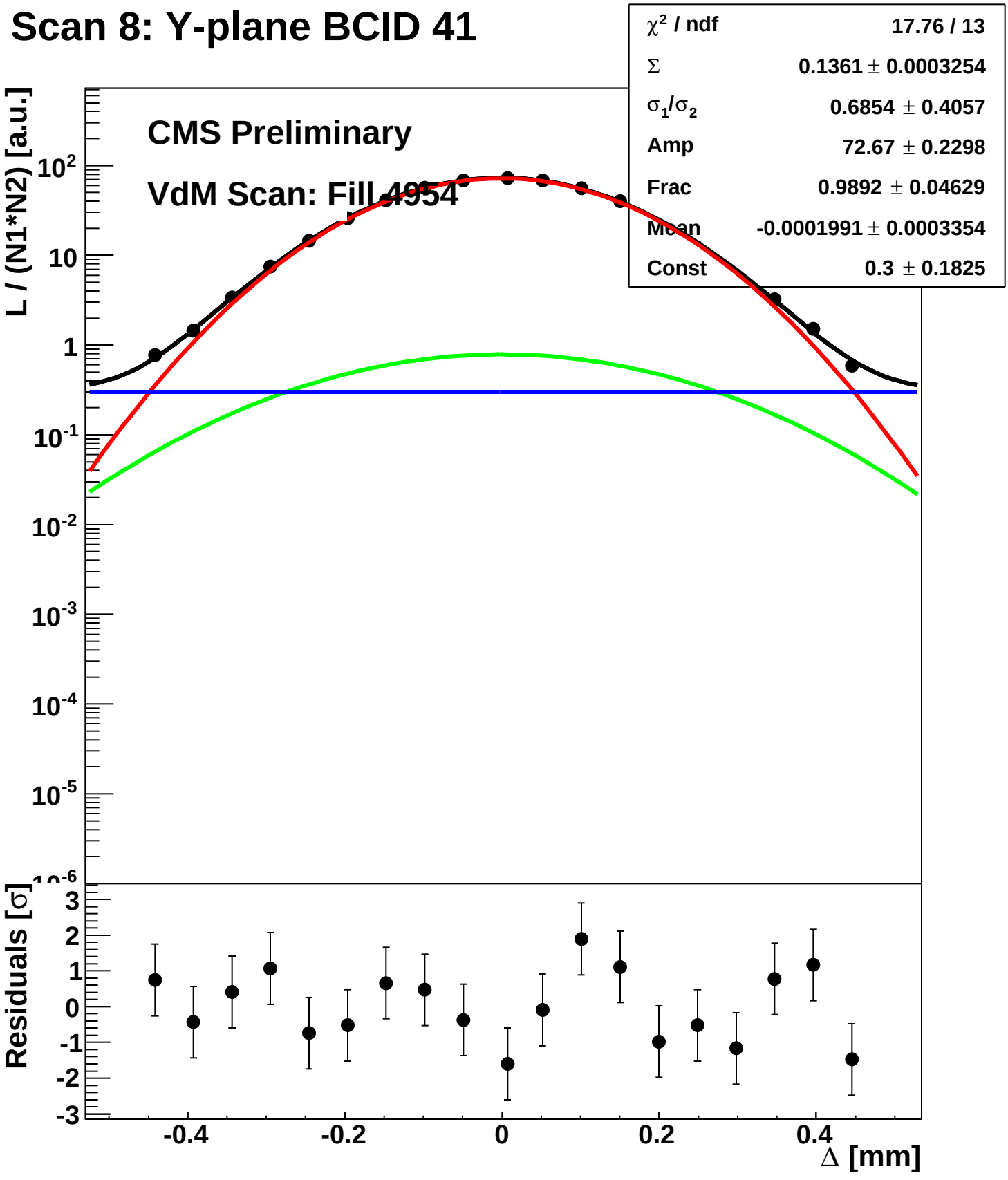

Scan 7: X-plane BCID 872
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 16.82 / 13
Σ 0.1342 ± 0.0003318
σ1/σ2 1 ± 0.1686
Amp 80.04 ± 0.2212
Frac 0.9914 ± 0.7531
Mean -0.0007575 ± 0.0003091
Const 0.3281 ± 0.04711
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

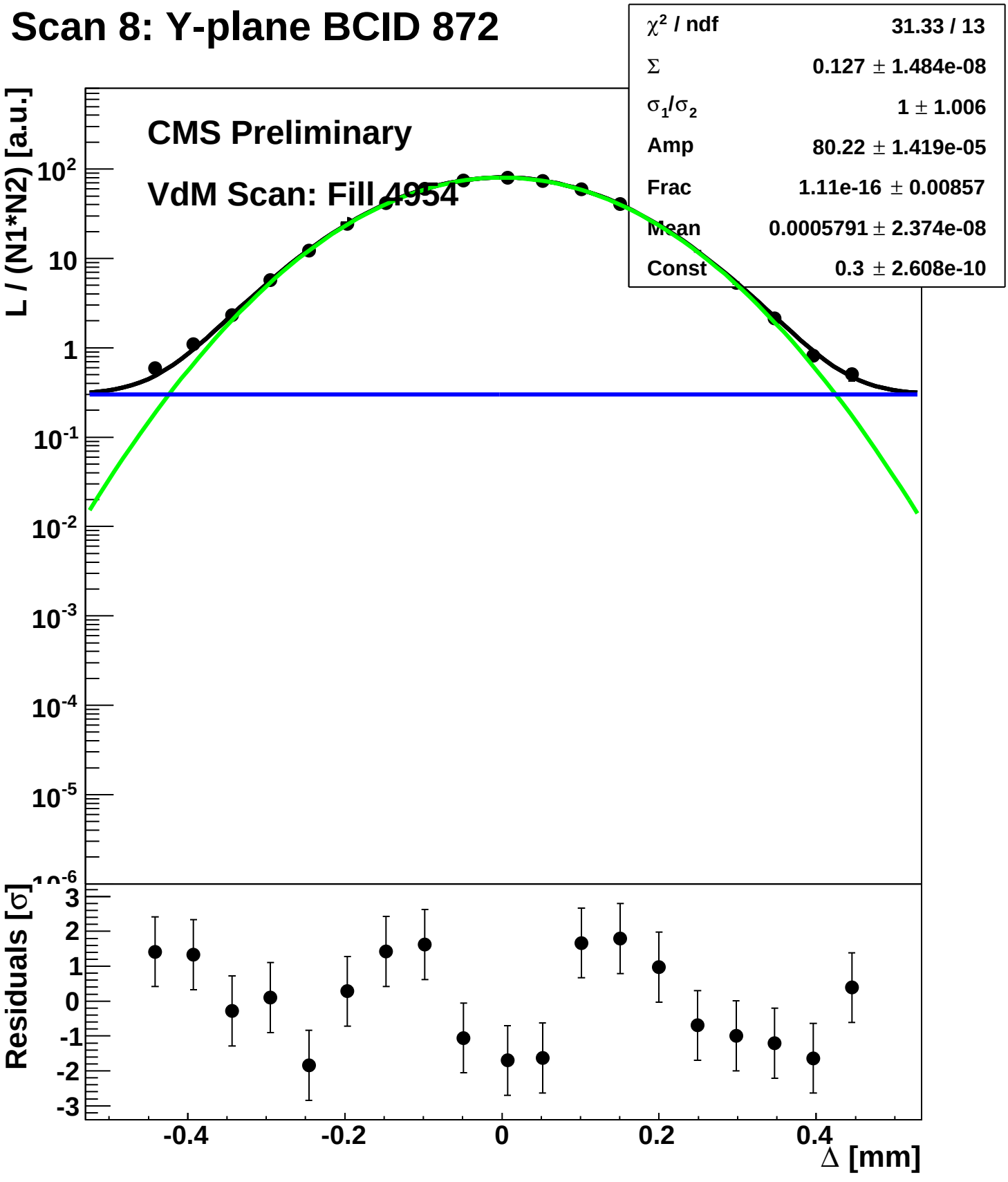

Scan 7: X-plane BCID sum
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 1.71 / 13
Σ 5.064e-06 ± 1.13
σ1/σ2 0.5286 ± 0.01161
Amp 0.439 ± 1.139
Frac 0.99 ± 0.2742
Mean 5.554 ± 0.5129
Const 0.3 ± 0.03067
L / (N1*N2) [a.u.]
1
10-1
10-2
Residuals [σ]
1
0.5
0
-0.5
-1
-0.4
-0.2
0
0.2
0.4
Δ [mm]

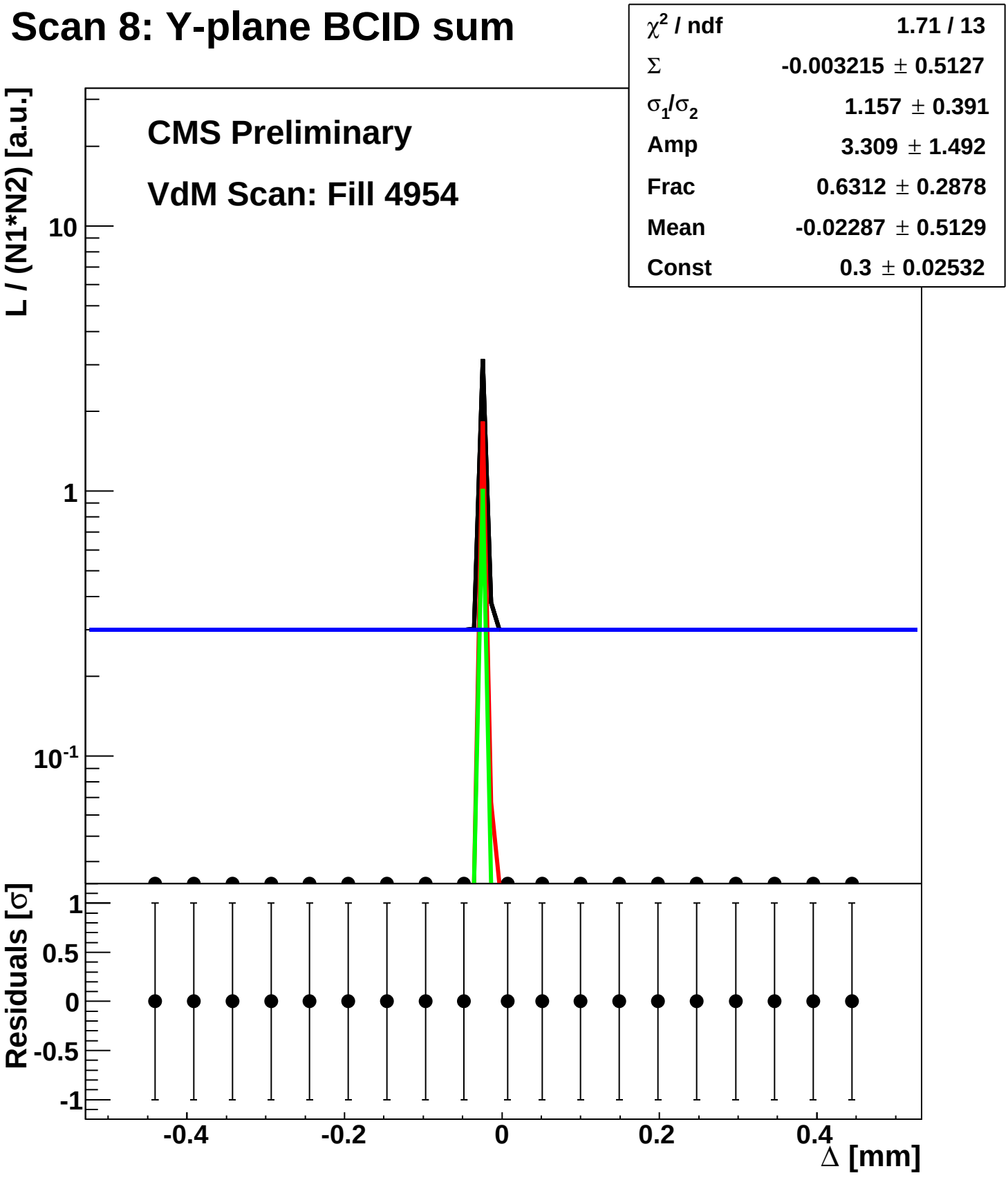

Scan 8: Y-plane BCID 1783
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 31.98 / 13
Σ 0.1247 ± 1.455e-08
σ1/σ2 1 ± 0.9999
Amp 82.44 ± 1.434e-05
Frac 1 ± 0.07553
Mean 0.0004362 ± 2.305e-08
Const 0.4063 ± 2.589e-06
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

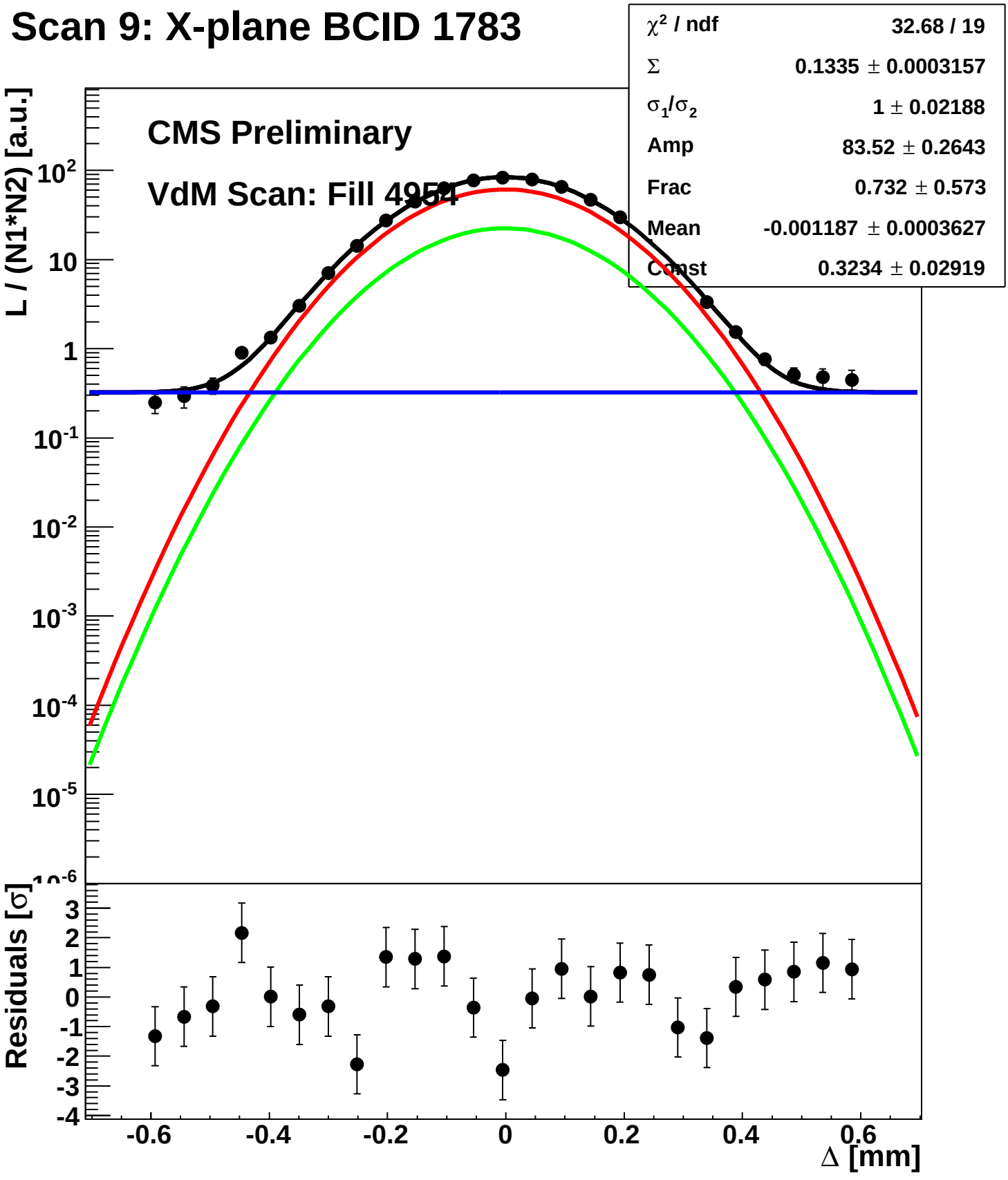

Scan 8: Y-plane BCID 2063
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 18.23 / 13
Σ 0.1259 ± 0.0002749
σ1/σ2 1 ± 0.05749
Amp 81.21 ± 0.21
Frac 0.9975 ± 0.6889
Mean 0.0004565 ± 0.000278
Const 0.4251 ± 0.04049
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

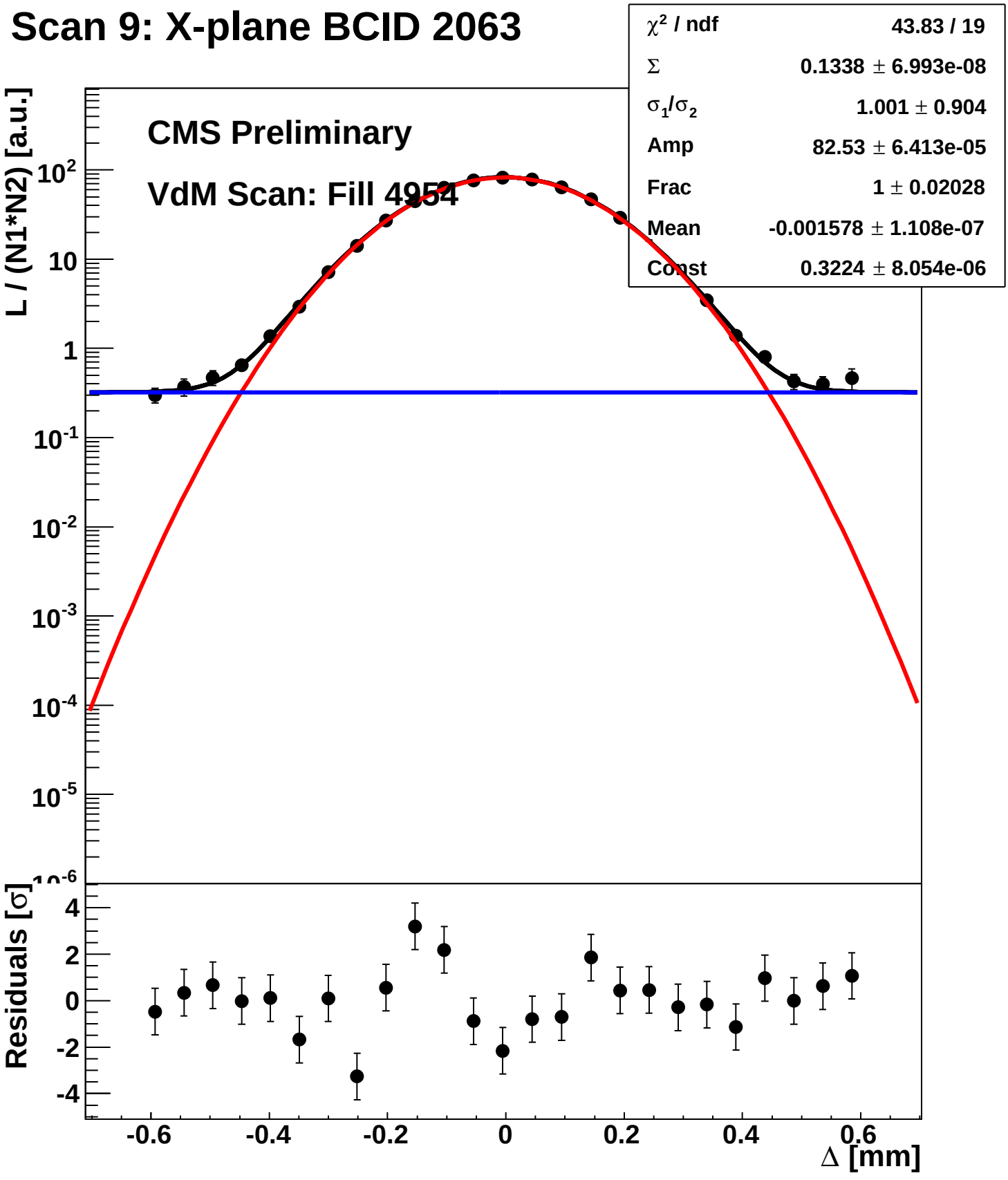

Scan 8: Y-plane BCID 281
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 28.7 / 13
Σ 0.1253 ± 0.0005813
σ1/σ2 2 ± 1.387
Amp 81.85 ± 0.3483
Frac 0.003238 ± 0.009115
Mean 0.0003081 ± 0.0002932
Const 0.3143 ± 0.5533
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

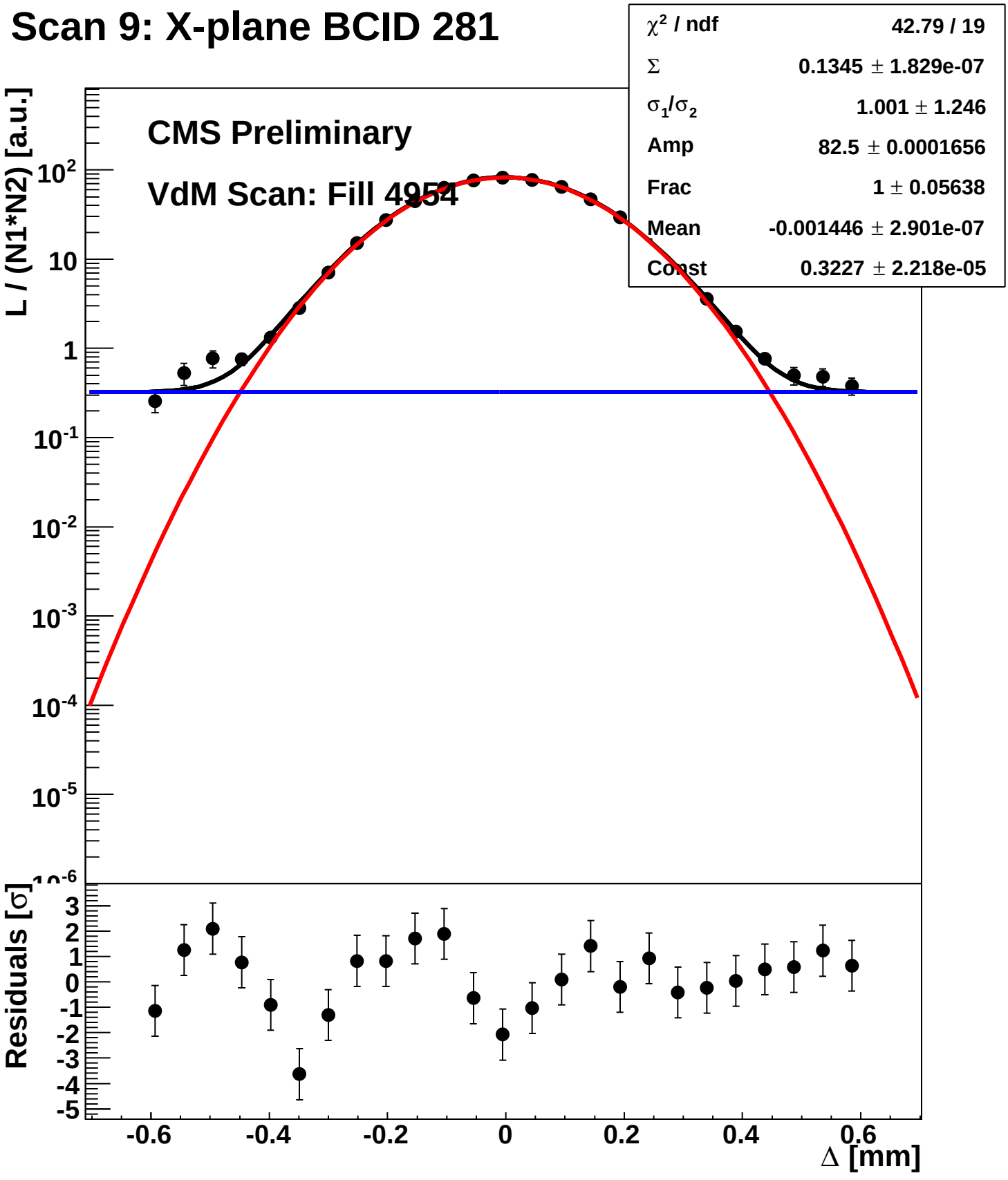

Scan 8: Y-plane BCID 41
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 17.76 / 13
Σ 0.1361 ± 0.0003254
σ1/σ2 0.6854 ± 0.4057
Amp 72.67 ± 0.2298
Frac 0.9892 ± 0.04629
Mean -0.0001991 ± 0.0003354
Const 0.3 ± 0.1825
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

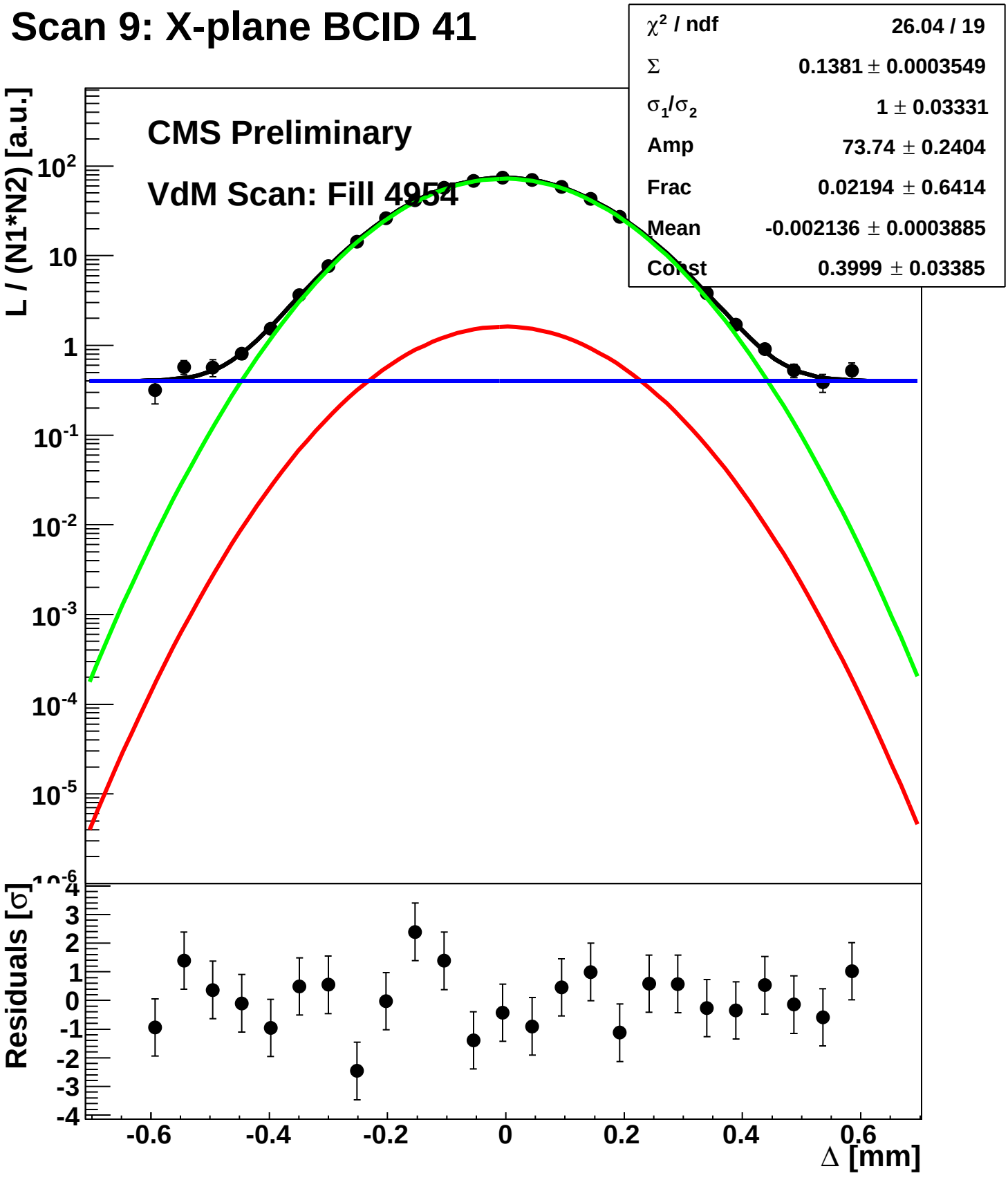

Scan 8: Y-plane BCID 872
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 31.33 / 13
Σ 0.127 ± 1.484e-08
σ1/σ2 1 ± 1.006
Amp 80.22 ± 1.419e-05
Frac 1.11e-16 ± 0.00857
Mean 0.0005791 ± 2.374e-08
Const 0.3 ± 2.608e-10
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]

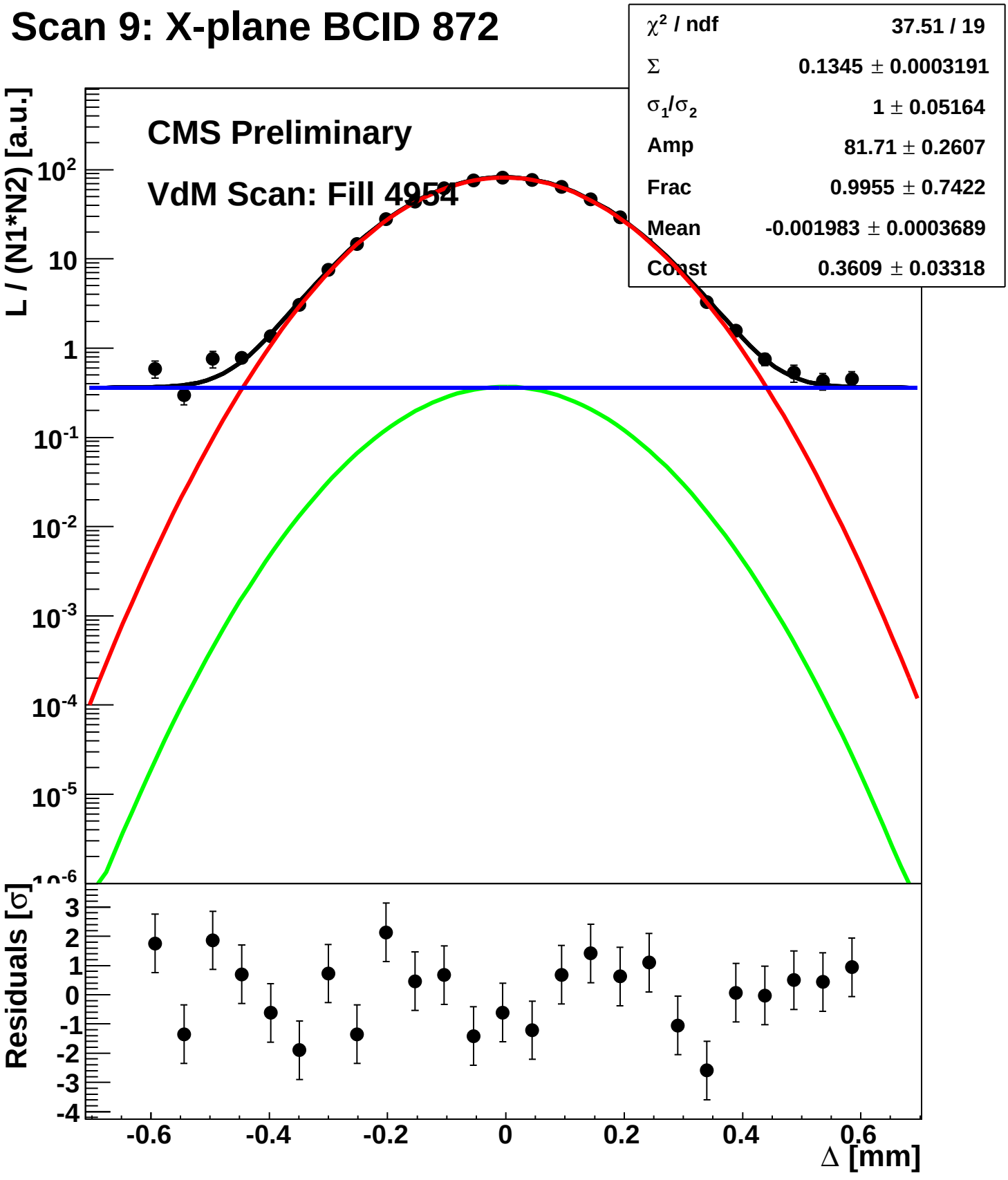

Scan 8: Y-plane BCID sum
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 1.71 / 13
Σ -0.003215 ± 0.5127
σ1/σ2 1.157 ± 0.391
Amp 3.309 ± 1.492
Frac 0.6312 ± 0.2878
Mean -0.02287 ± 0.5129
Const 0.3 ± 0.02532
L / (N1*N2) [a.u.]
10
1
10-1
Residuals [σ]
1
0.5
0
-0.5
-1
-0.4
-0.2
0
0.2
0.4
Δ [mm]

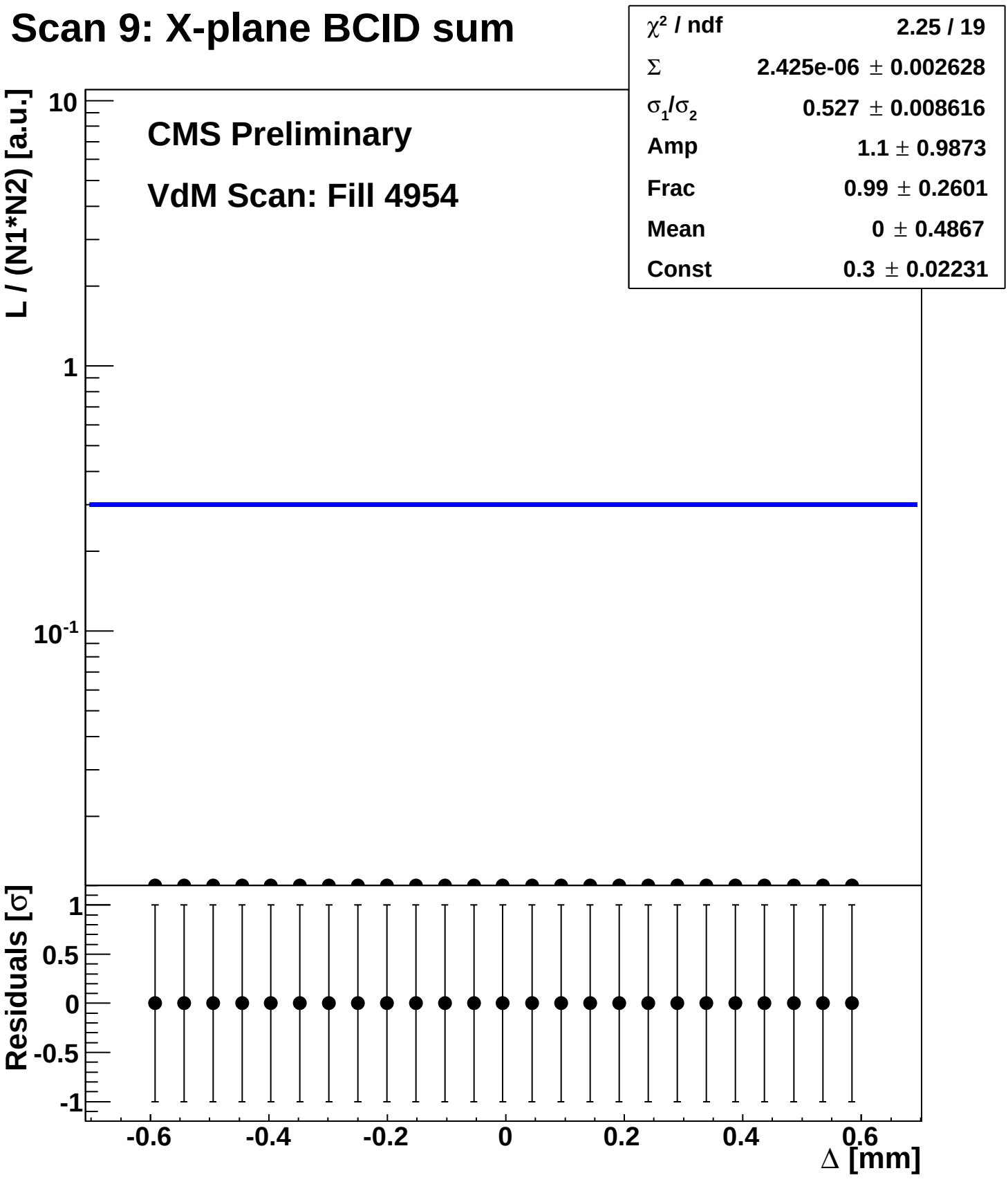

Scan 9: X-plane BCID 1783
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 32.68 / 19
Σ 0.1335 ± 0.0003157
σ1/σ2 1 ± 0.02188
Amp 83.52 ± 0.2643
Frac 0.732 ± 0.573
Mean -0.001187 ± 0.0003627
Const 0.3234 ± 0.02919
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]


Scan 9: X-plane BCID 2063
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 43.83 / 19
Σ 0.1338 ± 6.993e-08
σ1/σ2 1.001 ± 0.904
Amp 82.53 ± 6.413e-05
Frac 1 ± 0.02028
Mean -0.001578 ± 1.108e-07
Const 0.3224 ± 8.054e-06
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]


Scan 9: X-plane BCID 281
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 42.79 / 19
Σ 0.1345 ± 1.829e-07
σ1/σ2 1.001 ± 1.246
Amp 82.5 ± 0.0001656
Frac 1 ± 0.05638
Mean -0.001446 ± 2.901e-07
Const 0.3227 ± 2.218e-05
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]


Scan 9: X-plane BCID 41
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 26.04 / 19
Σ 0.1381 ± 0.0003549
σ1/σ2 1 ± 0.03331
Amp 73.74 ± 0.2404
Frac 0.02194 ± 0.6414
Mean -0.002136 ± 0.0003885
Const 0.3999 ± 0.03385
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]


Scan 9: X-plane BCID 872
CMS Preliminary
VdM Scan: Fill 4954
χ² / ndf 37.51 / 19
Σ 0.1345 ± 0.0003191
σ1/σ2 1 ± 0.05164
Amp 81.71 ± 0.2607
Frac 0.9955 ± 0.7422
Mean -0.001983 ± 0.0003689
Const 0.3609 ± 0.03318
L / (N1*N2) [a.u.]
Residuals [σ]
Δ [mm]


Scan 9: X-plane BCID sum
χ² / ndf 2.25 / 19
Σ 2.425e-06 ± 0.002628
σ1/σ2 0.527 ± 0.008616
Amp 1.1 ± 0.9873
Frac 0.99 ± 0.2601
Mean 0 ± 0.4867
Const 0.3 ± 0.02231
CMS Preliminary
VdM Scan: Fill 4954
L / (N1*N2) [a.u.]
10
1
10-1
Residuals [σ]
1
0.5
0
-0.5
-1
-0.6
-0.4
-0.2
0
0.2
0.4
0.6
Δ [mm]