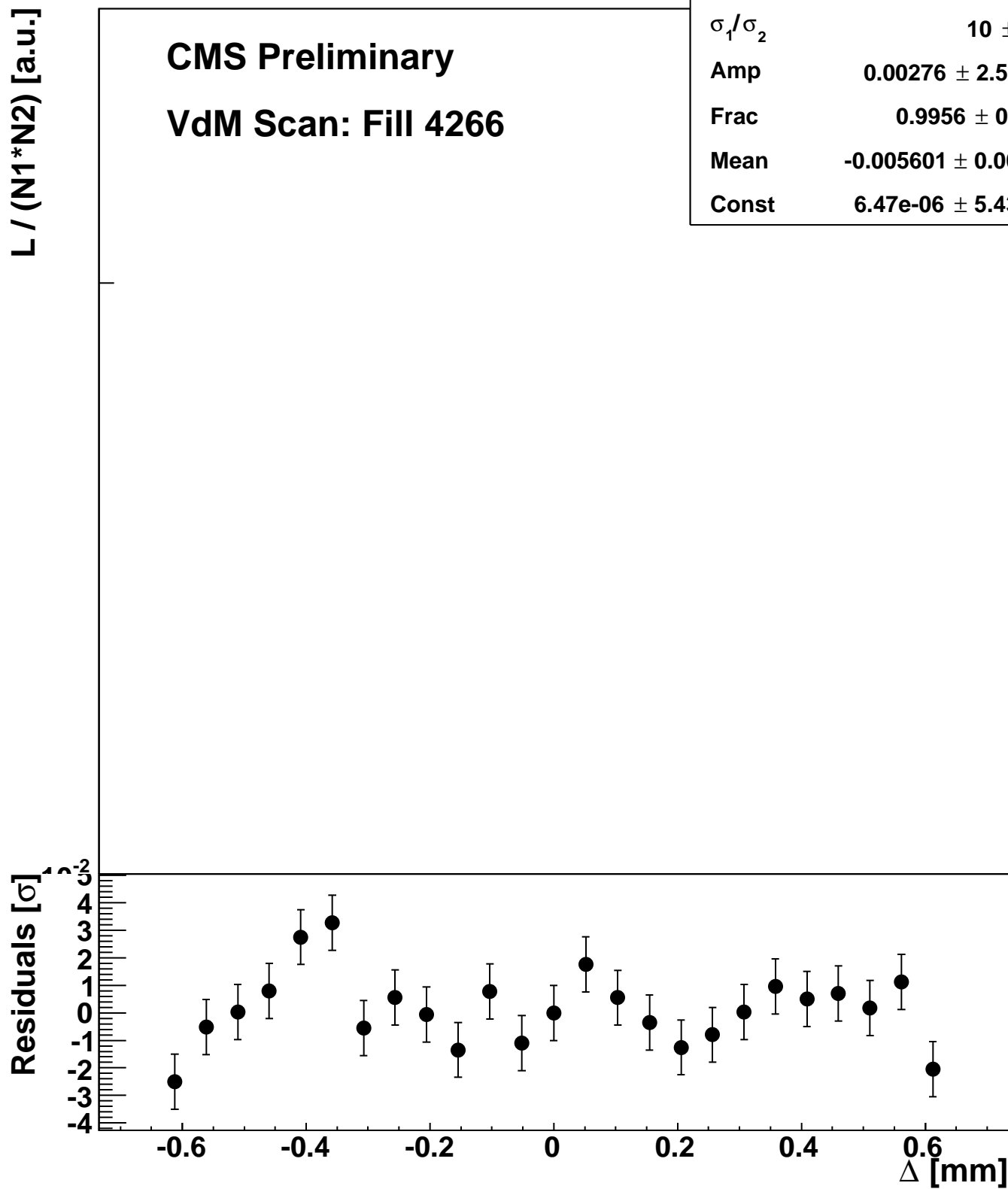


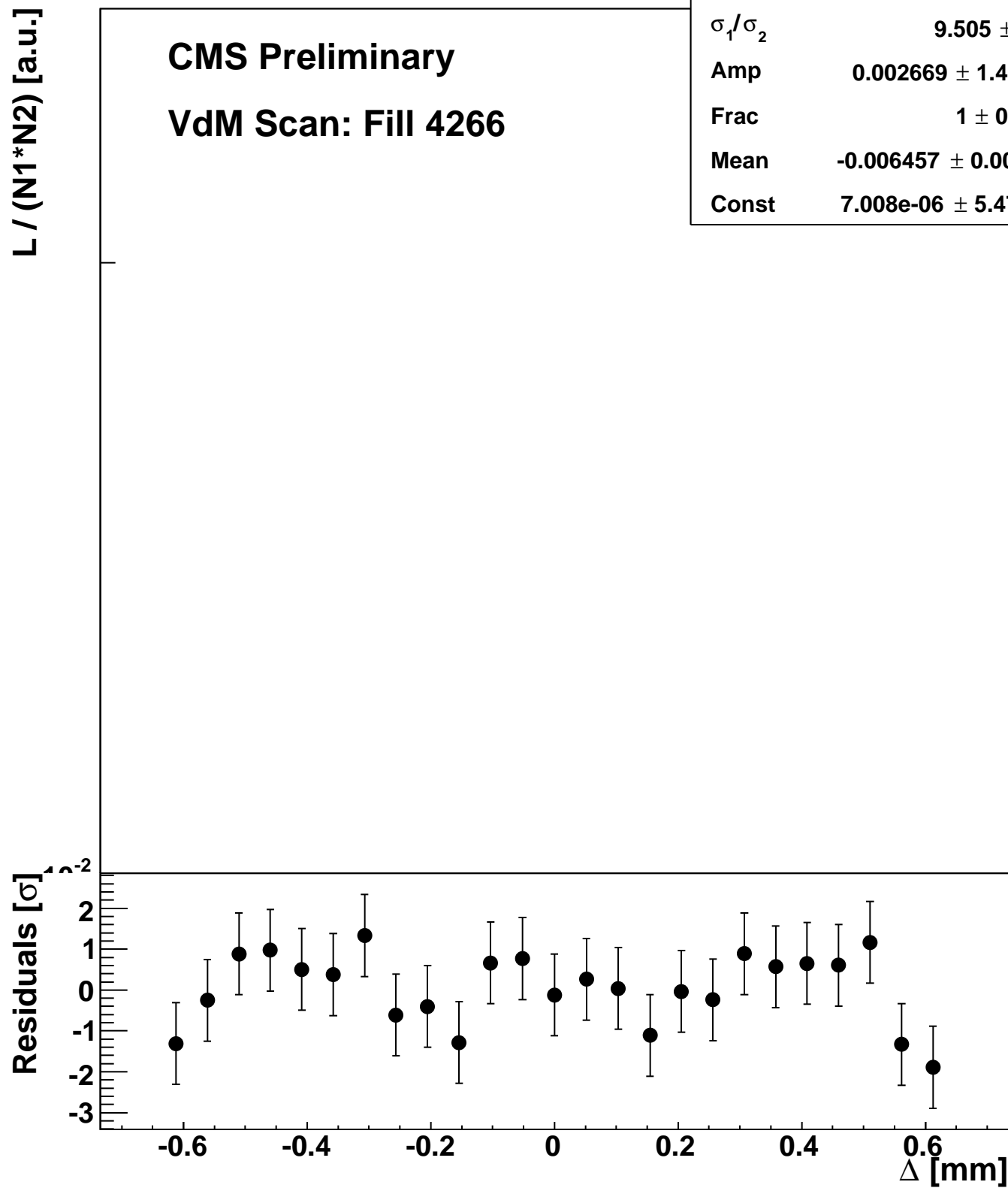
Scan 10: Y-plane BCID 1011



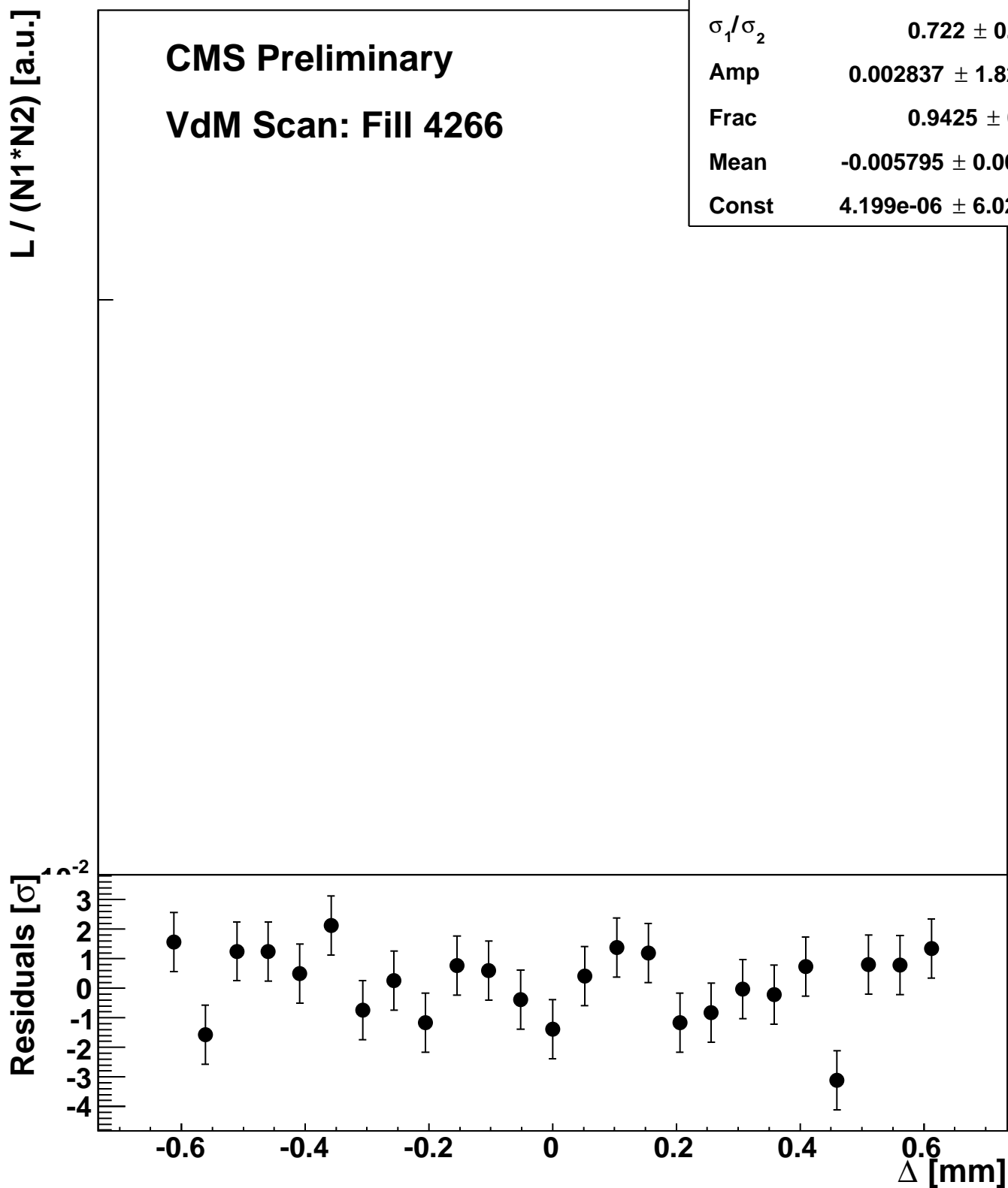
χ^2 / ndf	42.5 / 19
Σ	0.1142 ± 0.001103
σ_1 / σ_2	10 ± 9.546
Amp	$0.00276 \pm 2.573\text{e-}05$
Frac	0.9956 ± 0.01164
Mean	-0.005601 ± 0.0004991
Const	$6.47\text{e-}06 \pm 5.439\text{e-}07$

Scan 10: Y-plane BCID 131

χ^2 / ndf	18.89 / 19
Σ	0.1155 ± 0.0004331
σ_1 / σ_2	9.505 ± 5.764
Amp	$0.002669 \pm 1.496\text{e-}05$
Frac	1 ± 0.04775
Mean	-0.006457 ± 0.0005358
Const	$7.008\text{e-}06 \pm 5.476\text{e-}07$

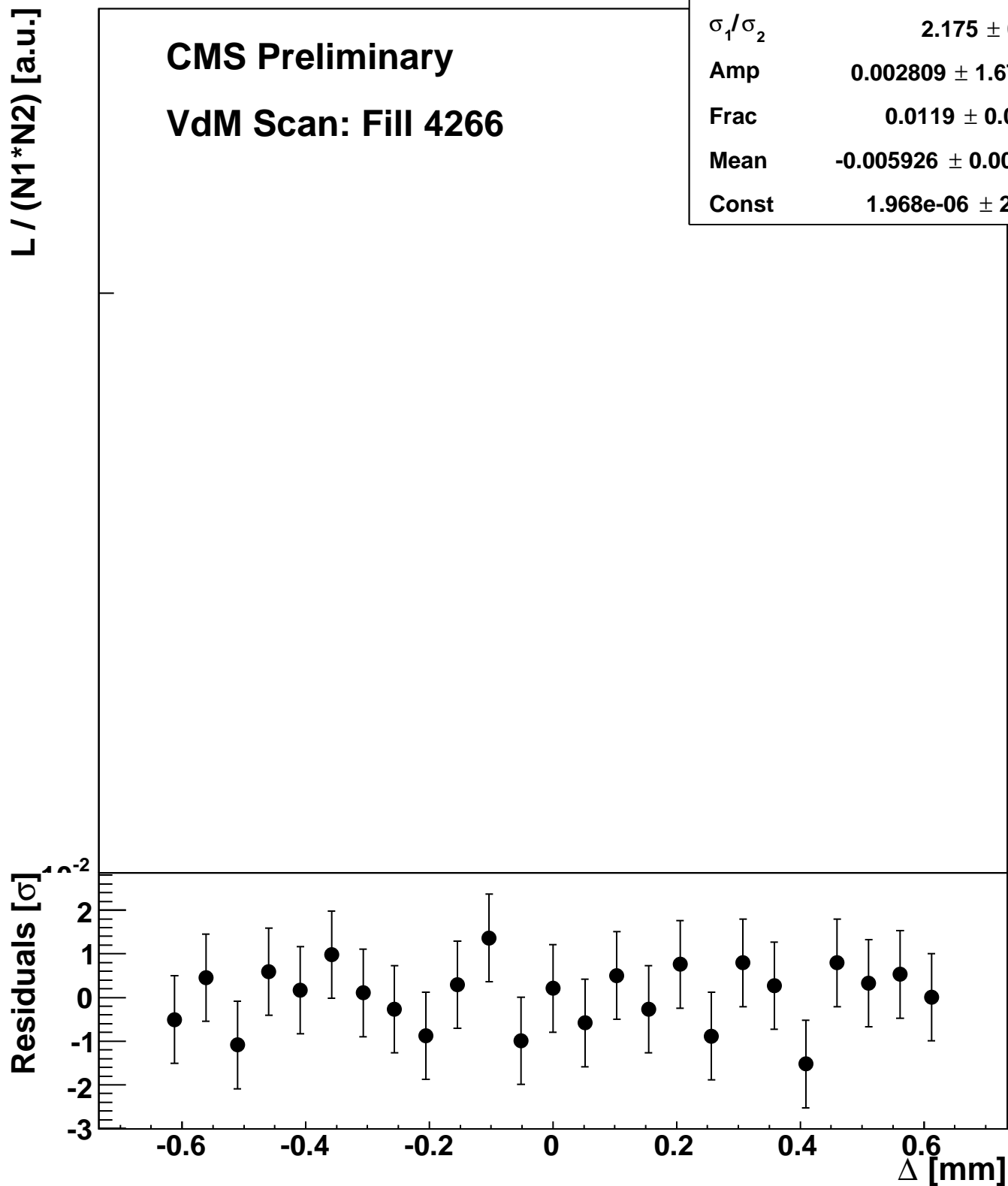


Scan 10: Y-plane BCID 1631



χ^2 / ndf	36.57 / 19
Σ	0.1115 ± 0.0004849
σ_1 / σ_2	0.722 ± 0.09279
Amp	$0.002837 \pm 1.824\text{e-}05$
Frac	0.9425 ± 0.0607
Mean	-0.005795 ± 0.0005431
Const	$4.199\text{e-}06 \pm 6.022\text{e-}07$

Scan 10: Y-plane BCID 1671



χ^2 / ndf	12.87 / 19
Σ	0.1131 ± 0.0006924
σ_1 / σ_2	2.175 ± 0.7012
Amp	$0.002809 \pm 1.671\text{e-}05$
Frac	0.0119 ± 0.008761
Mean	-0.005926 ± 0.0004869
Const	$1.968\text{e-}06 \pm 2.3\text{e-}06$

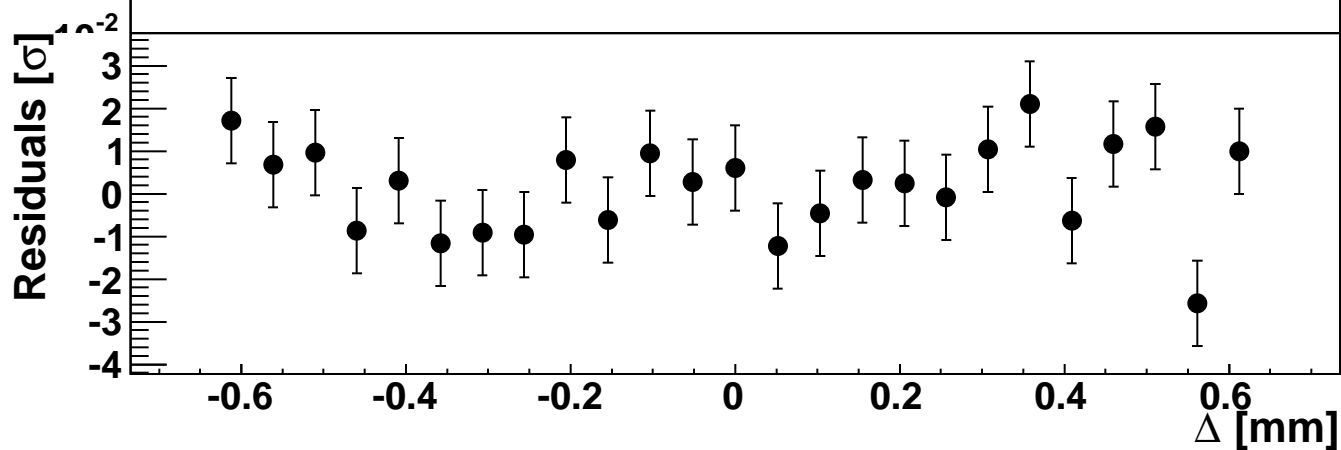
Scan 10: Y-plane BCID 1711

L / (N1*N2) [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	29.75 / 19
Σ	0.1126 ± 0.0005173
σ_1 / σ_2	1.716 ± 0.4289
Amp	$0.00283 \pm 1.664\text{e-}05$
Frac	0.0207 ± 0.02259
Mean	-0.005043 ± 0.000444
Const	$3.108\text{e-}06 \pm 1.134\text{e-}06$



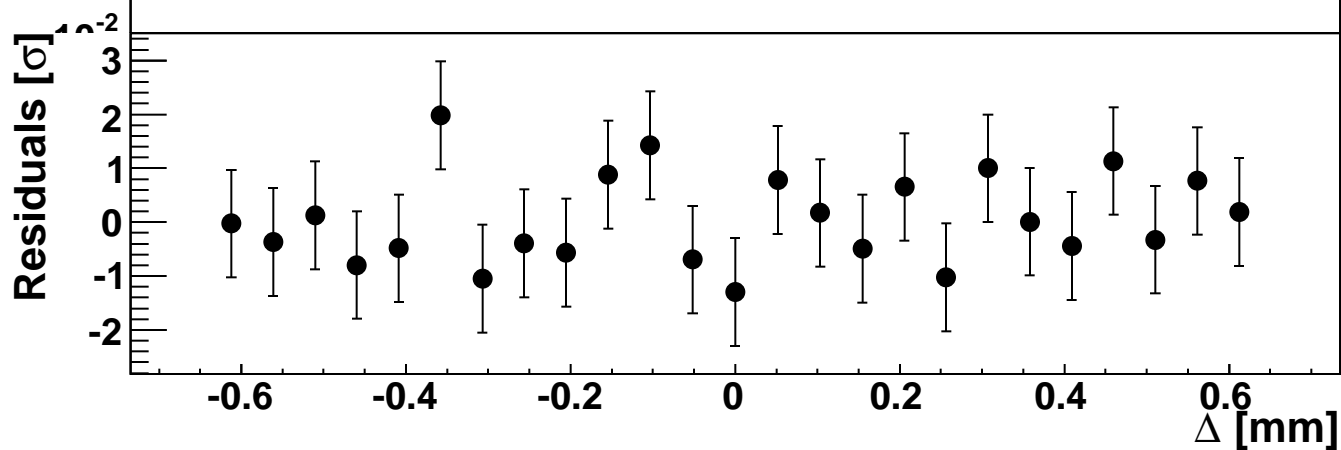
Scan 10: Y-plane BCID 171

L / (N1*N2) [a.u.]

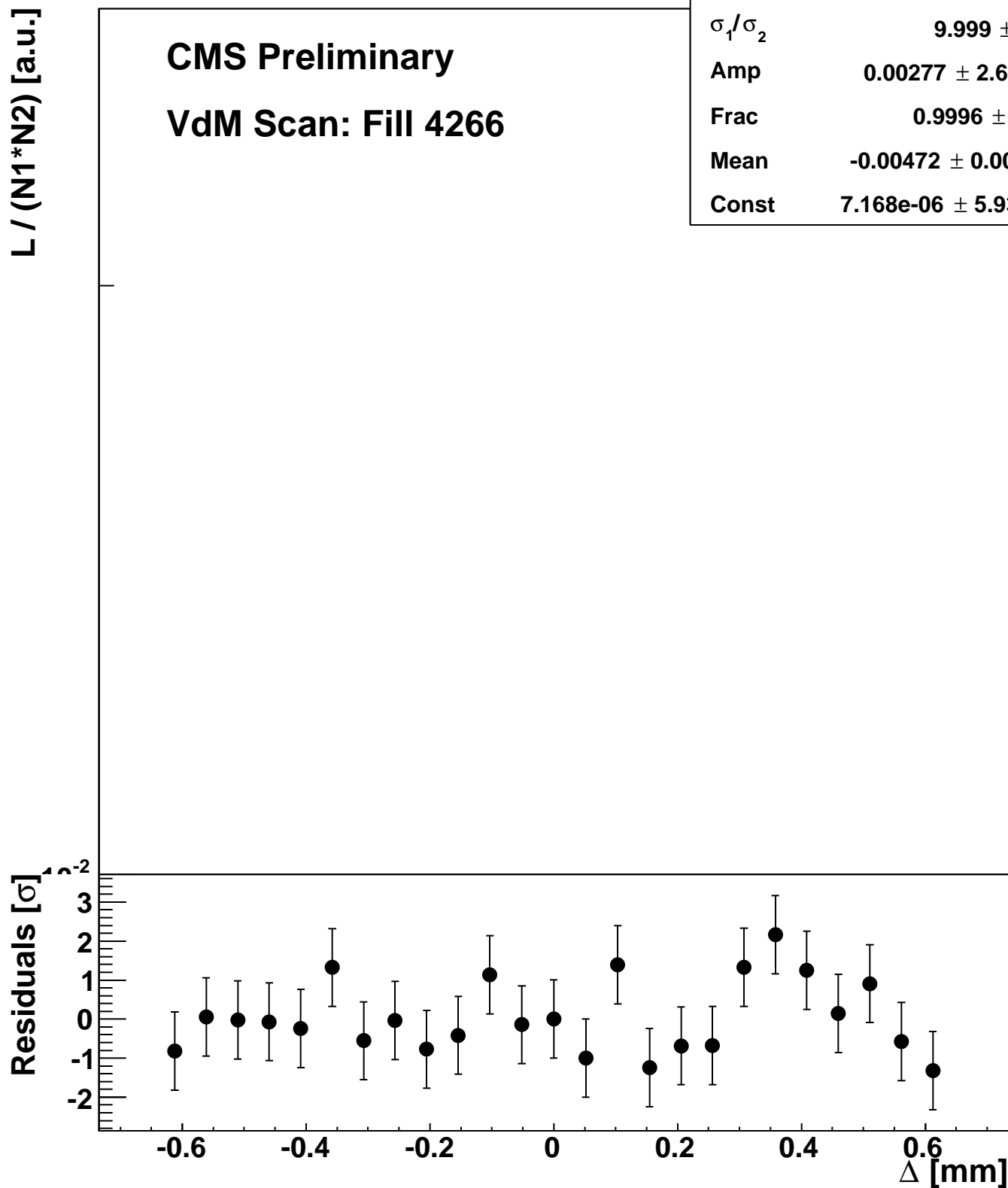
CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	17.04 / 19
Σ	0.1147 ± 0.0005312
σ_1 / σ_2	0.6166 ± 0.1992
Amp	$0.002669 \pm 1.529\text{e-}05$
Frac	0.9814 ± 0.02978
Mean	-0.004016 ± 0.0005179
Const	$4.81\text{e-}06 \pm 1.084\text{e-}06$



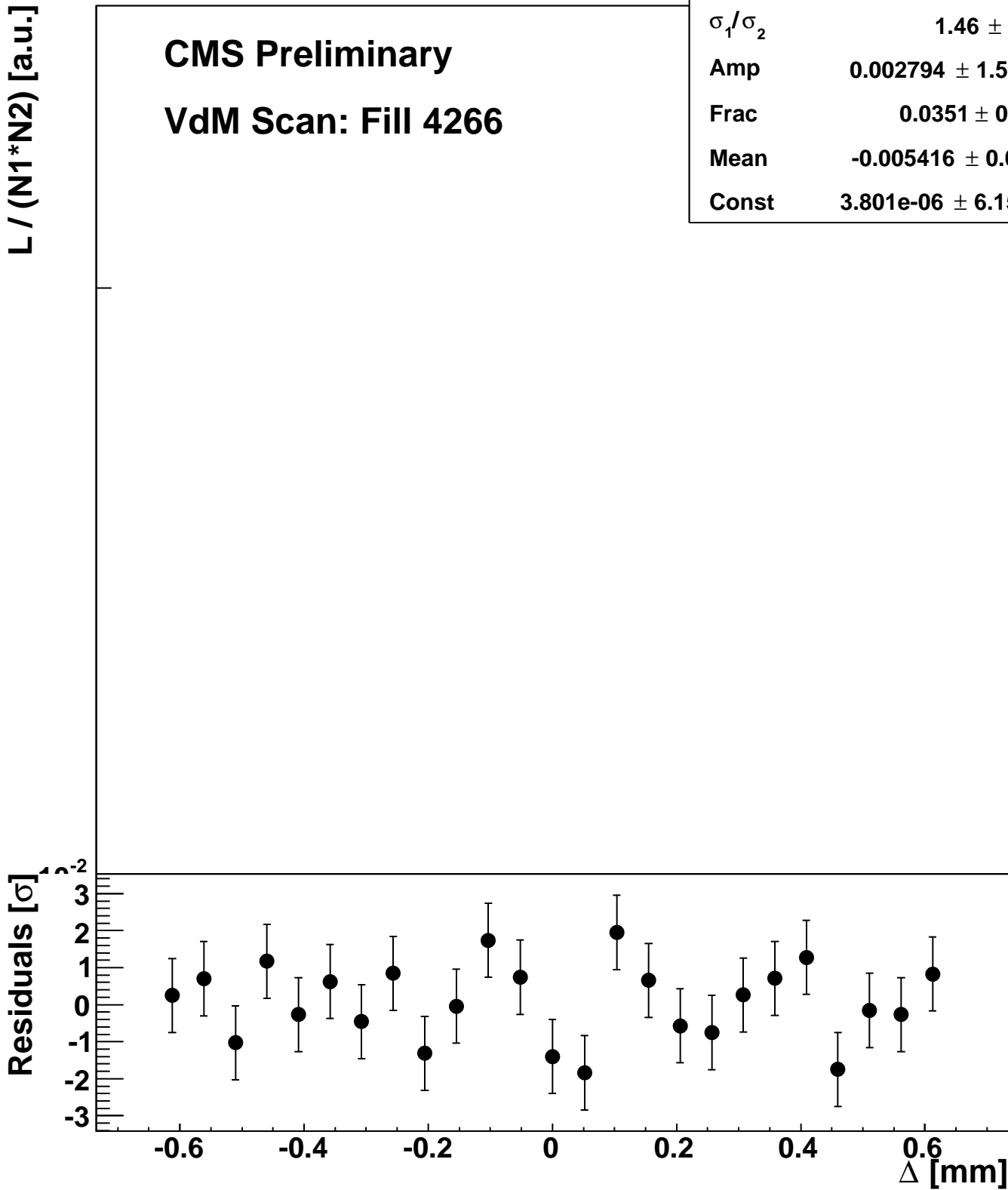
Scan 10: Y-plane BCID 1751



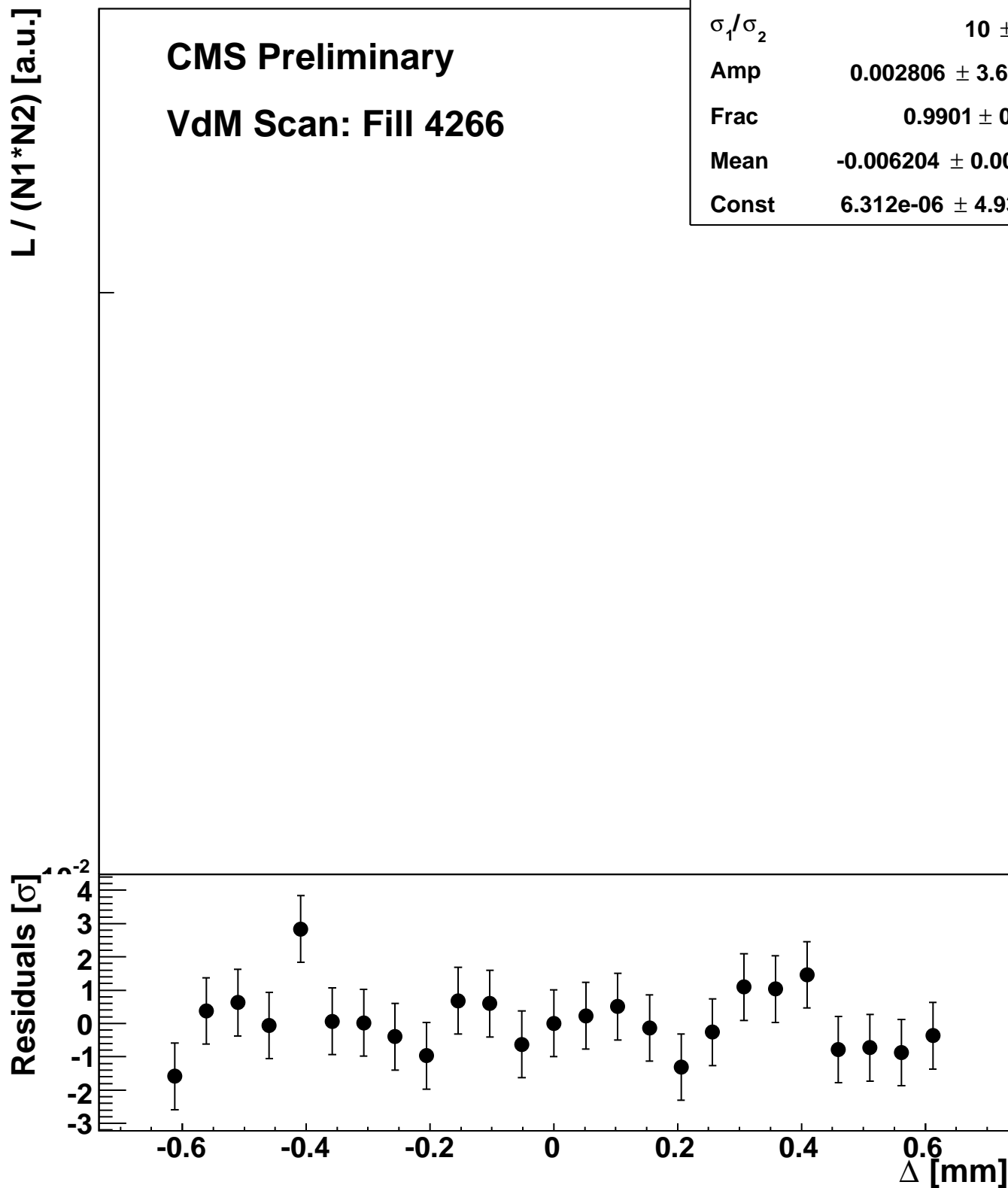
χ^2 / ndf	21.18 / 19
Σ	0.1132 ± 0.001135
σ_1 / σ_2	9.999 ± 9.754
Amp	$0.00277 \pm 2.608\text{e-}05$
Frac	0.9996 ± 0.0761
Mean	-0.00472 ± 0.0005186
Const	$7.168\text{e-}06 \pm 5.933\text{e-}07$

Scan 10: Y-plane BCID 1791

χ^2 / ndf	26.2 / 19
Σ	0.1123 ± 0.0004216
σ_1 / σ_2	1.46 ± 0.2392
Amp	$0.002794 \pm 1.547\text{e-}05$
Frac	0.0351 ± 0.03925
Mean	-0.005416 ± 0.000461
Const	$3.801\text{e-}06 \pm 6.157\text{e-}07$

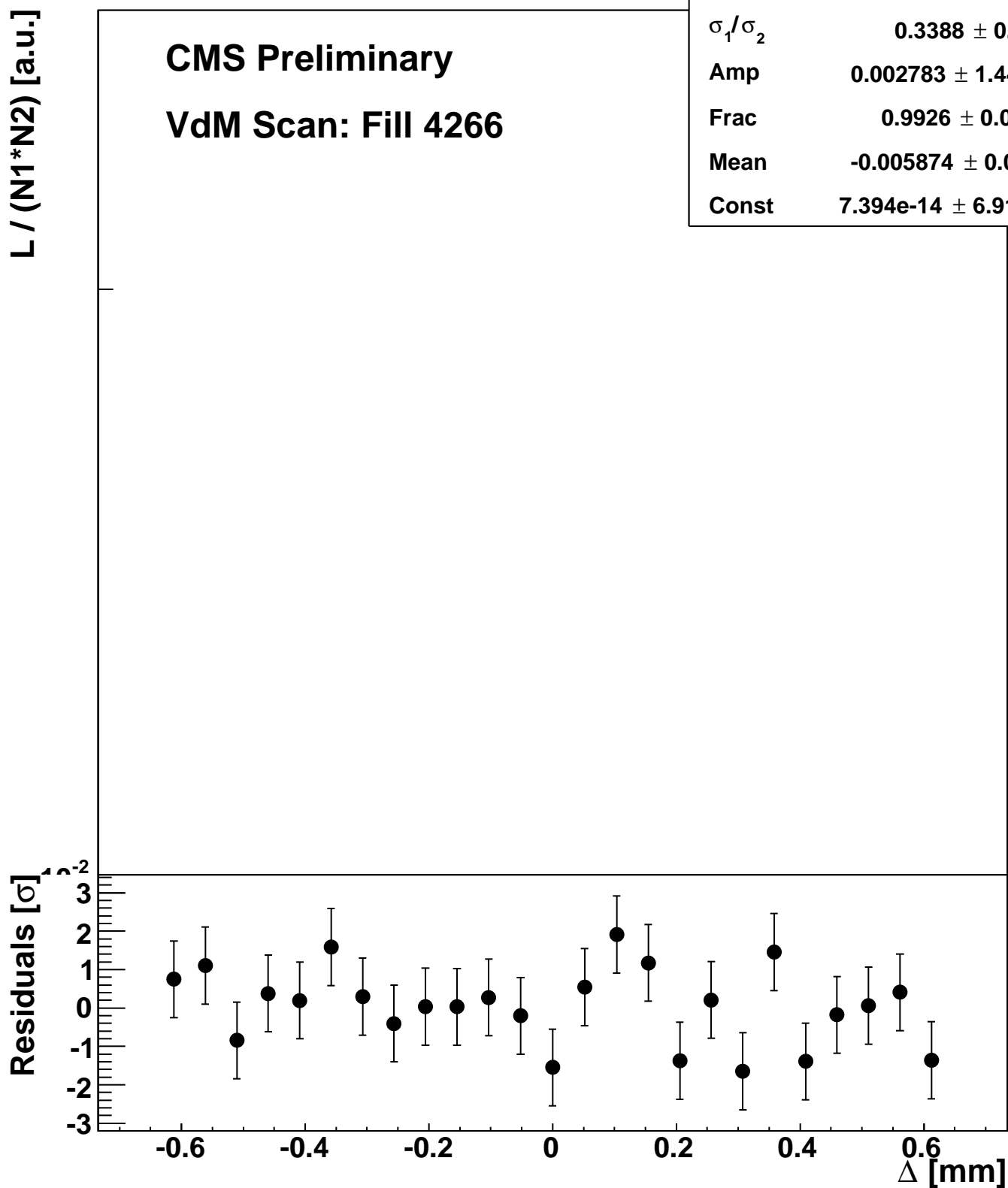


Scan 10: Y-plane BCID 1831



χ^2 / ndf	21.97 / 19
Σ	0.1123 ± 0.001427
σ_1 / σ_2	10 ± 9.817
Amp	$0.002806 \pm 3.622\text{e-}05$
Frac	0.9901 ± 0.01491
Mean	-0.006204 ± 0.0004512
Const	$6.312\text{e-}06 \pm 4.939\text{e-}07$

Scan 10: Y-plane BCID 1871



χ^2 / ndf	24.05 / 19
Σ	0.114 ± 0.0004228
σ_1 / σ_2	0.3388 ± 0.03518
Amp	$0.002783 \pm 1.446\text{e-}05$
Frac	0.9926 ± 0.001767
Mean	-0.005874 ± 0.000521
Const	$7.394\text{e-}14 \pm 6.917\text{e-}06$

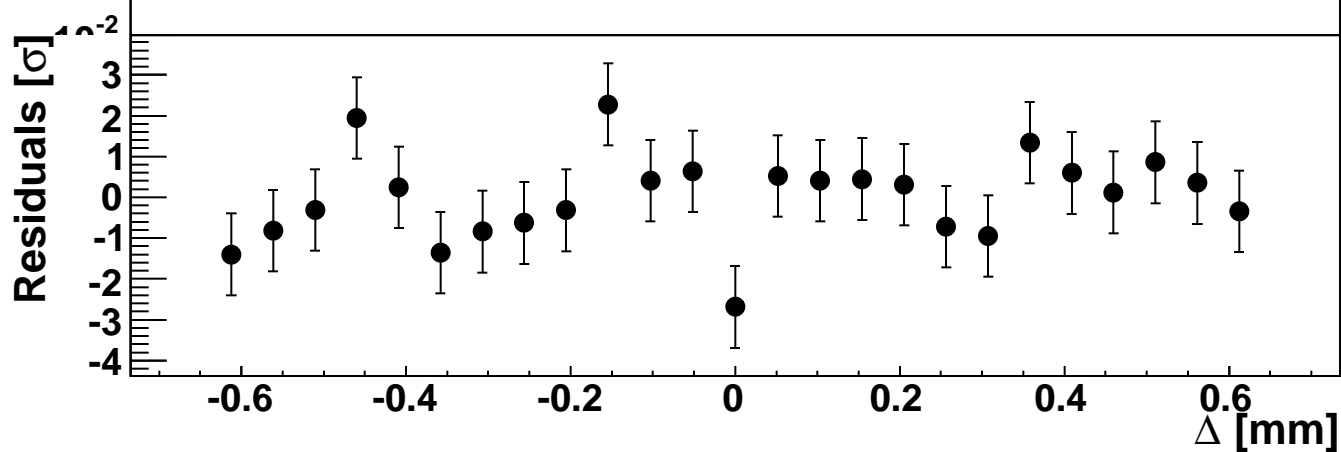
Scan 10: Y-plane BCID 1

L / (N1*N2) [a.u.]

CMS Preliminary

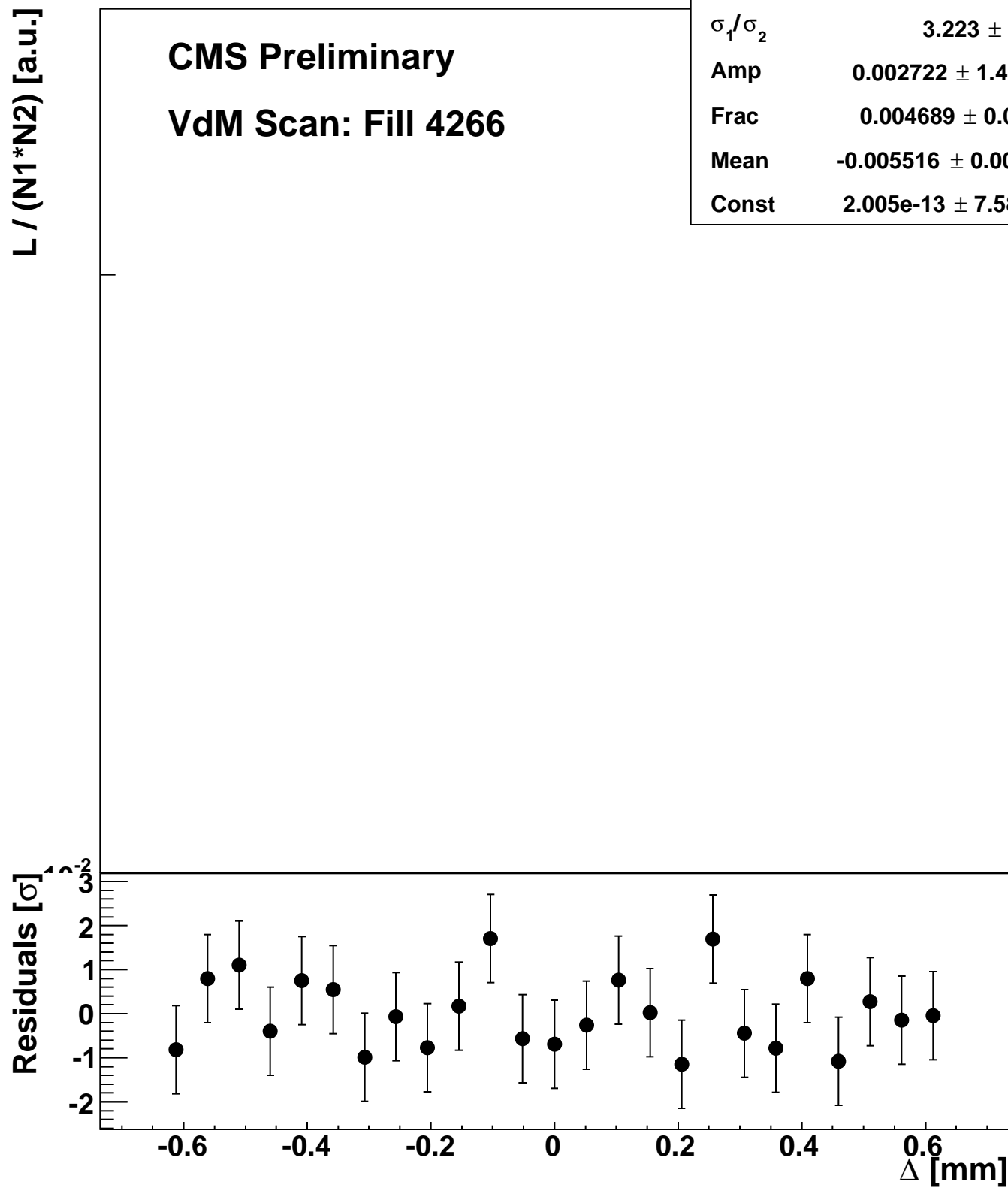
VdM Scan: Fill 4266

χ^2 / ndf	27.87 / 19
Σ	0.1331 ± 0.0004415
σ_1 / σ_2	1.004 ± 5.933
Amp	$0.002228 \pm 1.157\text{e-}05$
Frac	1 ± 0.9916
Mean	-0.005501 ± 0.0005707
Const	$5.649\text{e-}06 \pm 5.048\text{e-}07$

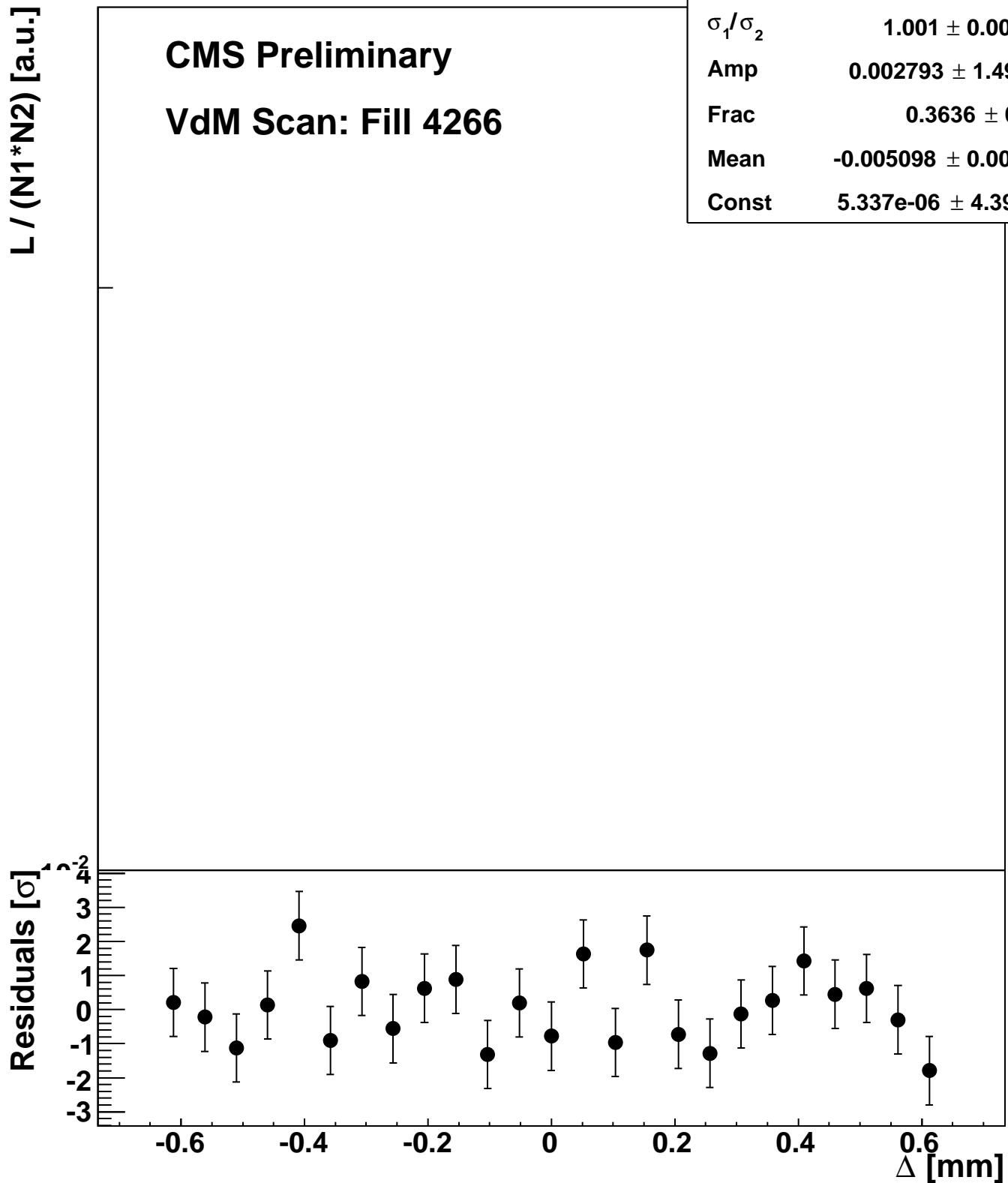


Scan 10: Y-plane BCID 211

χ^2 / ndf	16.38 / 19
Σ	0.1151 ± 0.0004202
σ_1 / σ_2	3.223 ± 0.6304
Amp	$0.002722 \pm 1.427\text{e-}05$
Frac	0.004689 ± 0.001819
Mean	-0.005516 ± 0.0004949
Const	$2.005\text{e-}13 \pm 7.585\text{e-}06$



Scan 10: Y-plane BCID 2211



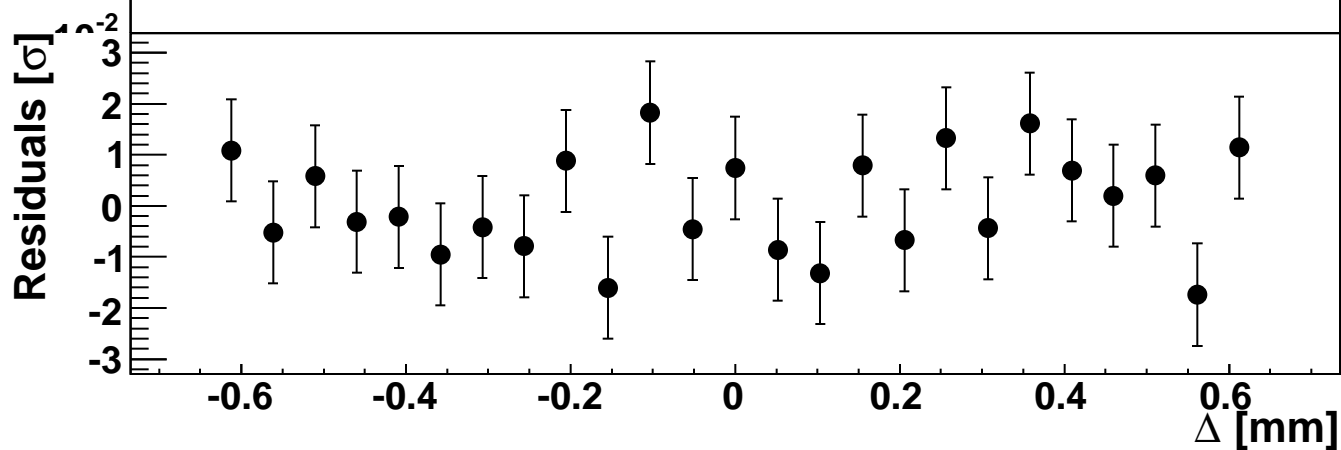
Scan 10: Y-plane BCID 2251

L / (N1*N2) [a.u.]

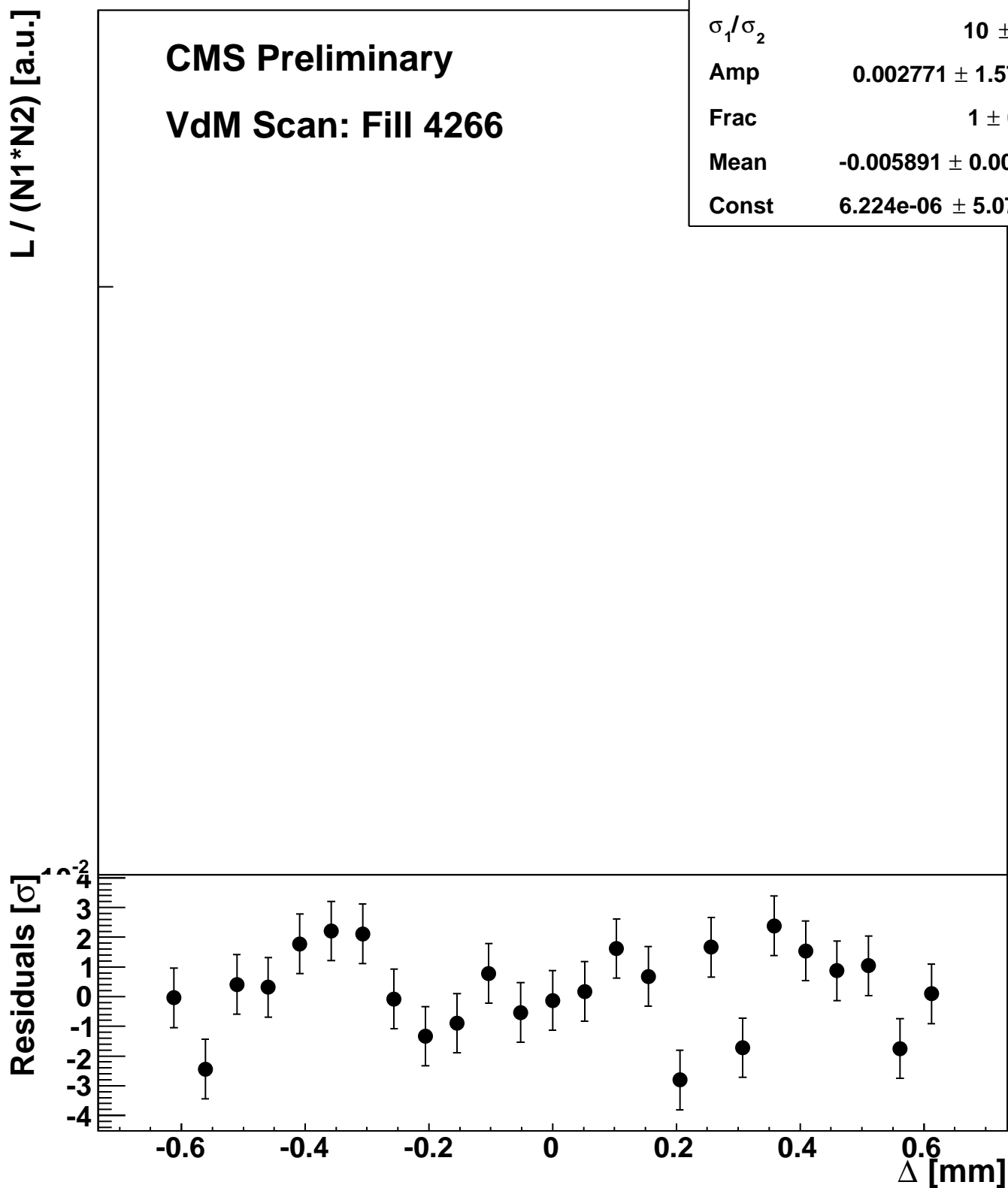
CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	24.4 / 19
Σ	0.1126 ± 0.0005655
σ_1 / σ_2	1.233 ± 0.02837
Amp	$0.002823 \pm 1.981\text{e-}05$
Frac	0.3956 ± 0.3784
Mean	-0.004816 ± 0.0004582
Const	$5.115\text{e-}06 \pm 6.196\text{e-}07$

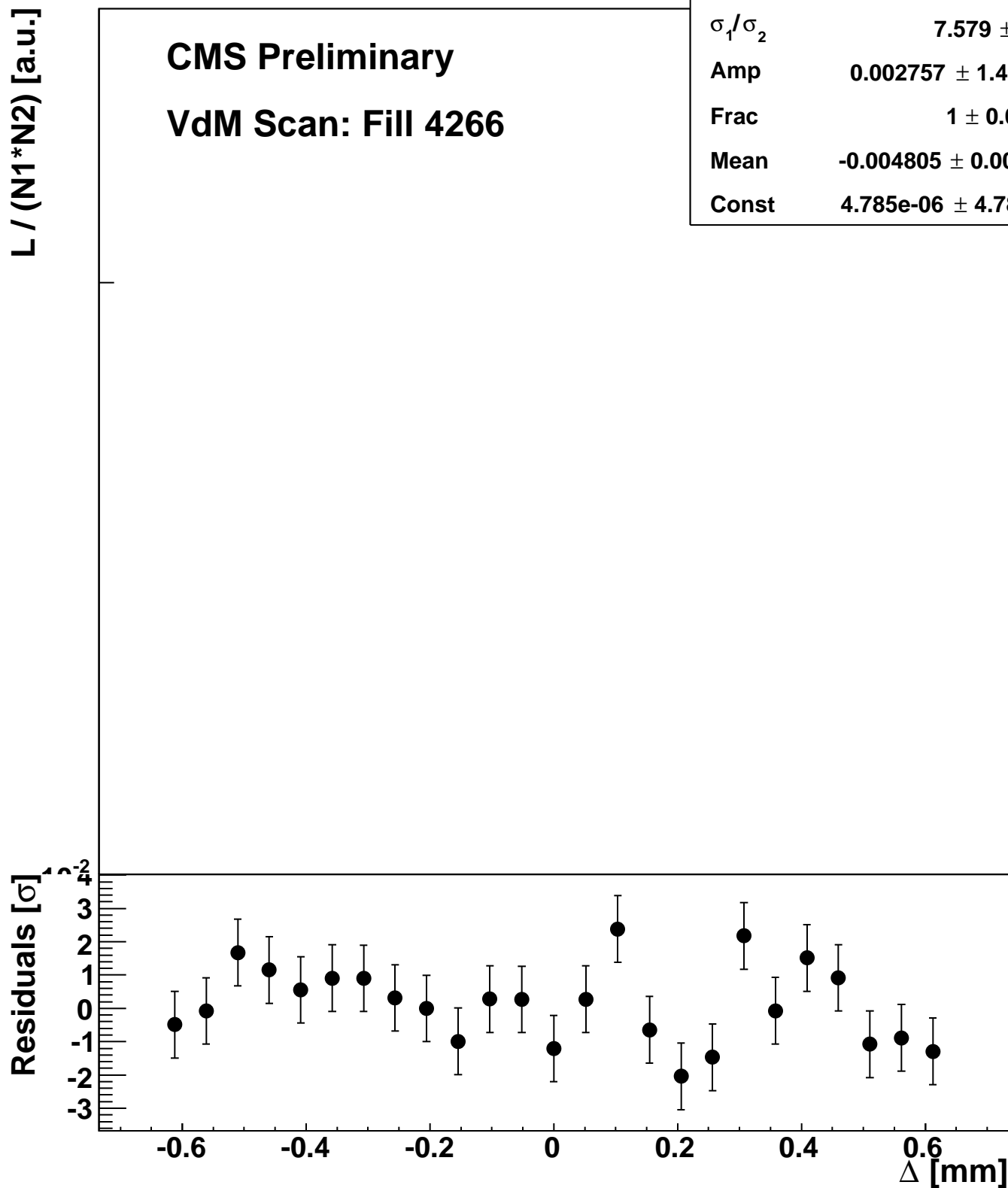


Scan 10: Y-plane BCID 2291



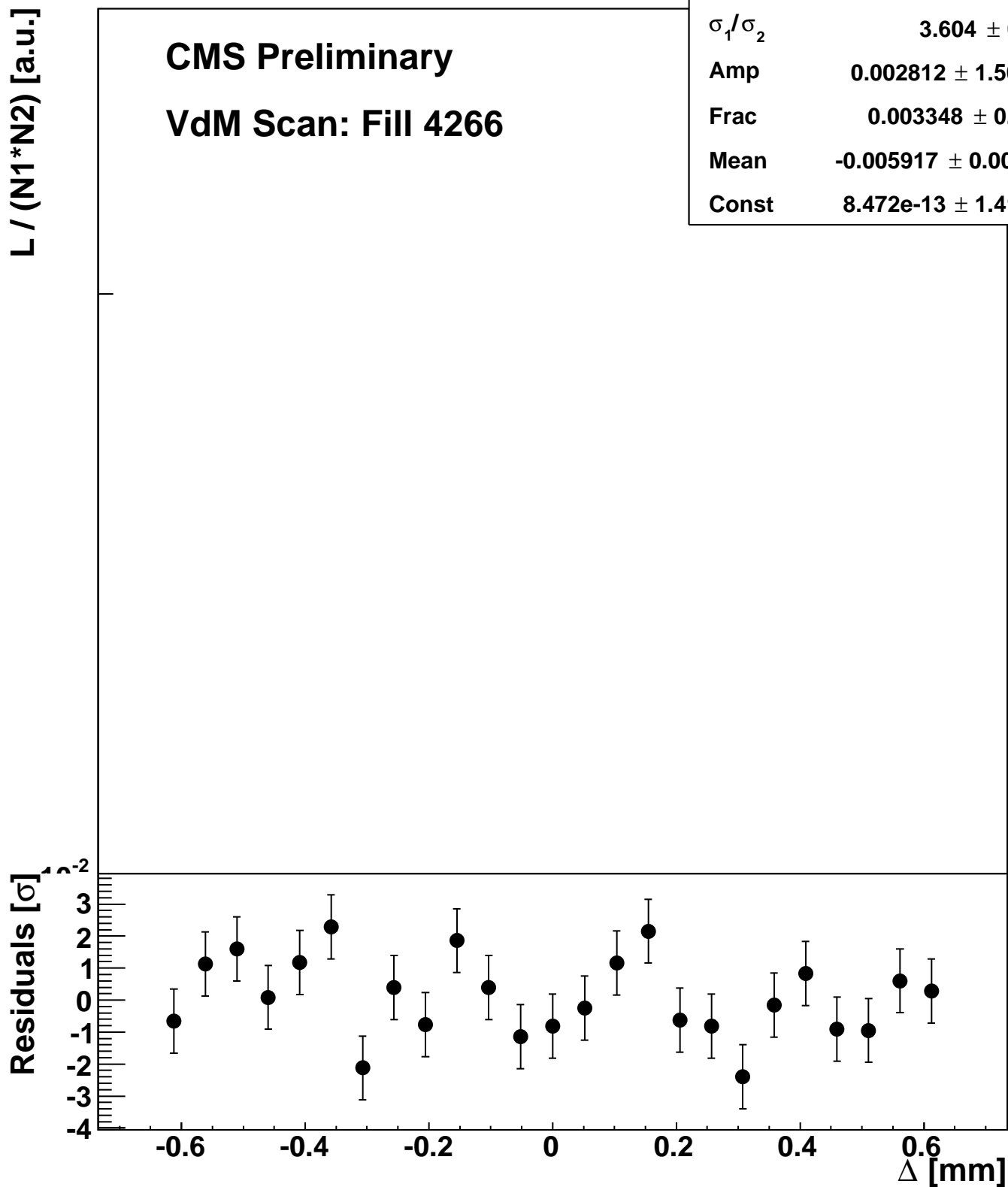
χ^2 / ndf	51.95 / 19
Σ	0.1131 ± 0.0003568
σ_1 / σ_2	10 ± 9.778
Amp	$0.002771 \pm 1.571\text{e-}05$
Frac	1 ± 0.1048
Mean	-0.005891 ± 0.0004772
Const	$6.224\text{e-}06 \pm 5.073\text{e-}07$

Scan 10: Y-plane BCID 2331



χ^2 / ndf	32.98 / 19
Σ	0.1134 ± 0.0003591
σ_1 / σ_2	7.579 ± 5.984
Amp	$0.002757 \pm 1.451\text{e-}05$
Frac	1 ± 0.004201
Mean	-0.004805 ± 0.0004705
Const	$4.785\text{e-}06 \pm 4.783\text{e-}07$

Scan 10: Y-plane BCID 2371



χ^2 / ndf	37.39 / 19
Σ	0.1134 ± 0.0004132
σ_1 / σ_2	3.604 ± 0.6748
Amp	$0.002812 \pm 1.507\text{e-}05$
Frac	0.003348 ± 0.00107
Mean	-0.005917 ± 0.0005403
Const	$8.472\text{e-}13 \pm 1.412\text{e-}05$

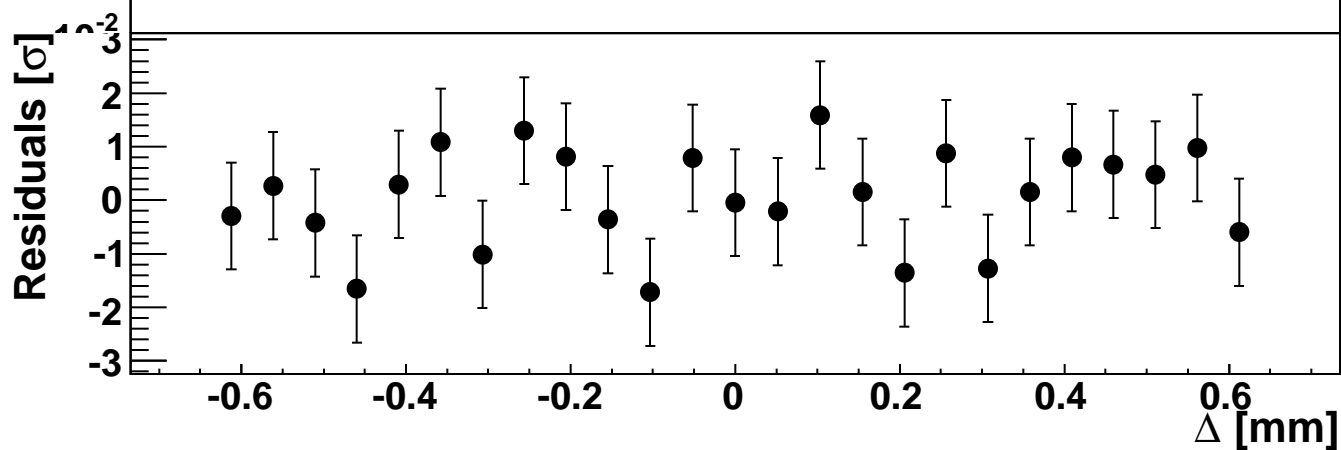
Scan 10: Y-plane BCID 2411

L / (N1*N2) [a.u.]

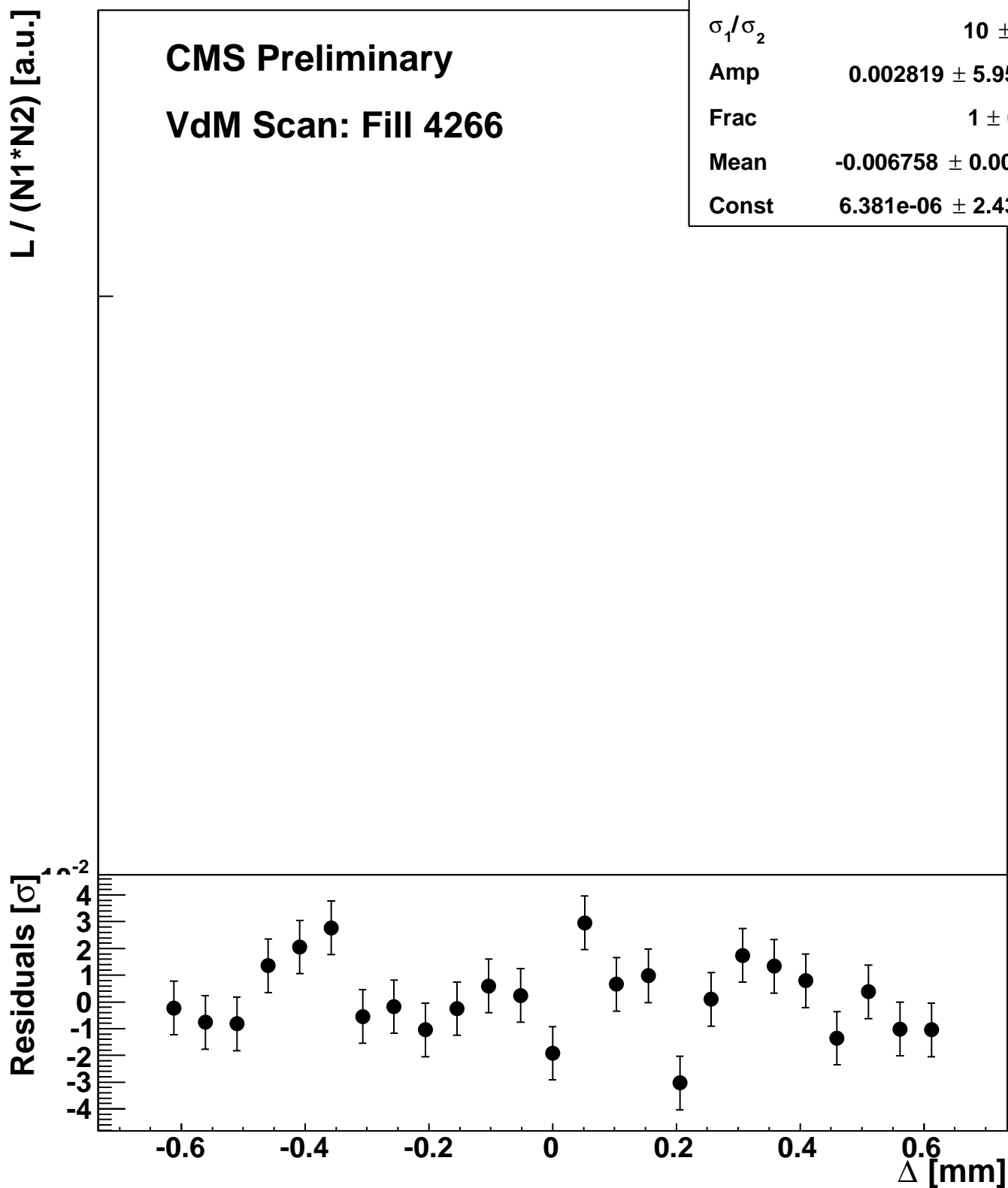
CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	20.88 / 19
Σ	0.1129 ± 0.0005651
σ_1/σ_2	1.196 ± 0.04848
Amp	$0.002777 \pm 1.646\text{e-}05$
Frac	0.4731 ± 0.7307
Mean	-0.00495 ± 0.0004425
Const	$5.346\text{e-}06 \pm 6.74\text{e-}07$



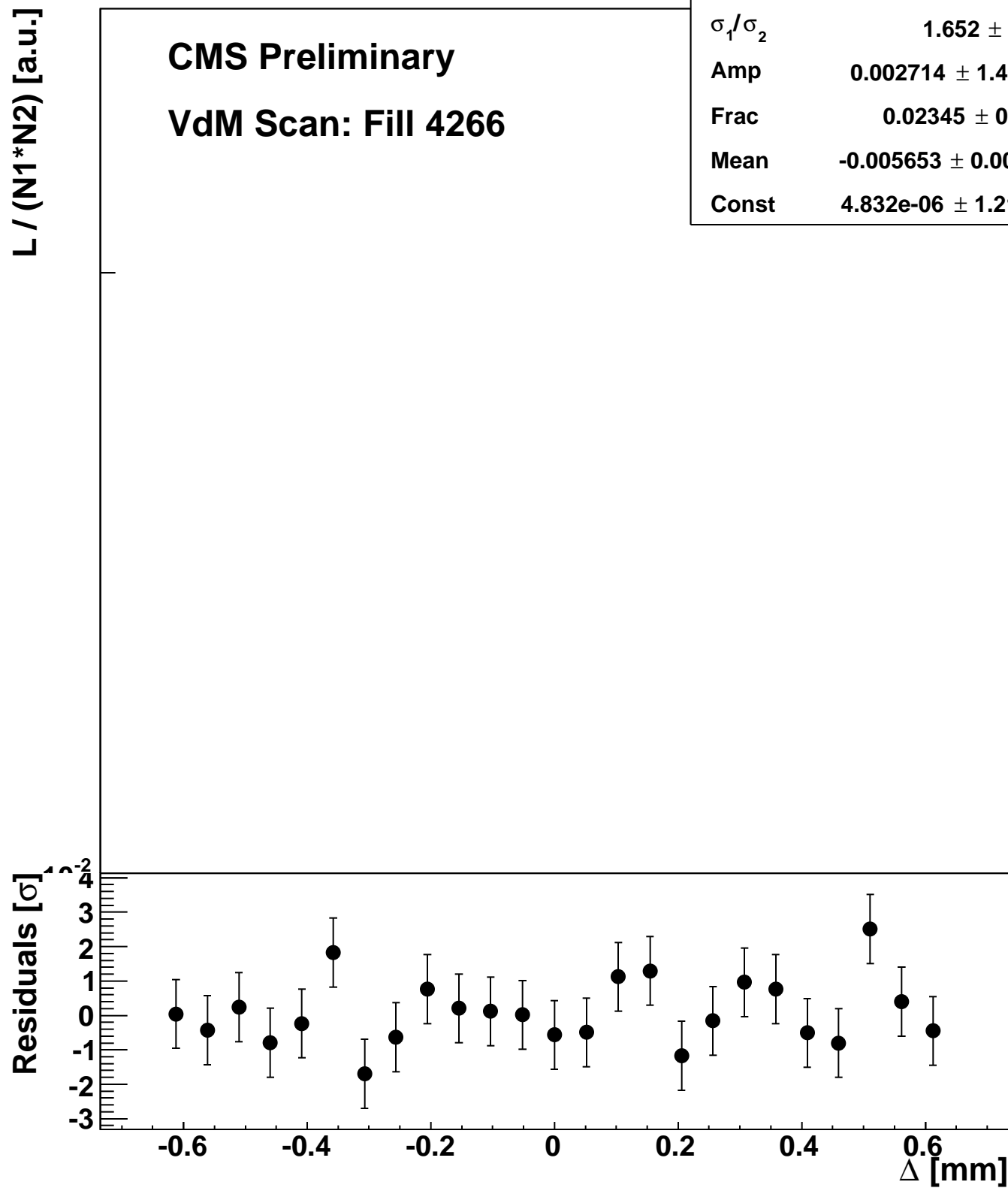
Scan 10: Y-plane BCID 2451



χ^2 / ndf	49.49 / 19
Σ	0.1125 ± 0.0001474
σ_1 / σ_2	10 ± 9.604
Amp	$0.002819 \pm 5.953\text{e-}06$
Frac	1 ± 0.2182
Mean	-0.006758 ± 0.0002462
Const	$6.381\text{e-}06 \pm 2.434\text{e-}07$

Scan 10: Y-plane BCID 251

χ^2 / ndf	22.15 / 19
Σ	0.1143 ± 0.0004751
σ_1 / σ_2	1.652 ± 0.4363
Amp	$0.002714 \pm 1.482\text{e-}05$
Frac	0.02345 ± 0.02869
Mean	-0.005653 ± 0.0004584
Const	$4.832\text{e-}06 \pm 1.213\text{e-}06$



Scan 10: Y-plane BCID 2674

L / (N1*N2) [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf 14.94 / 19

Σ 0.1102 ± 0.0004697

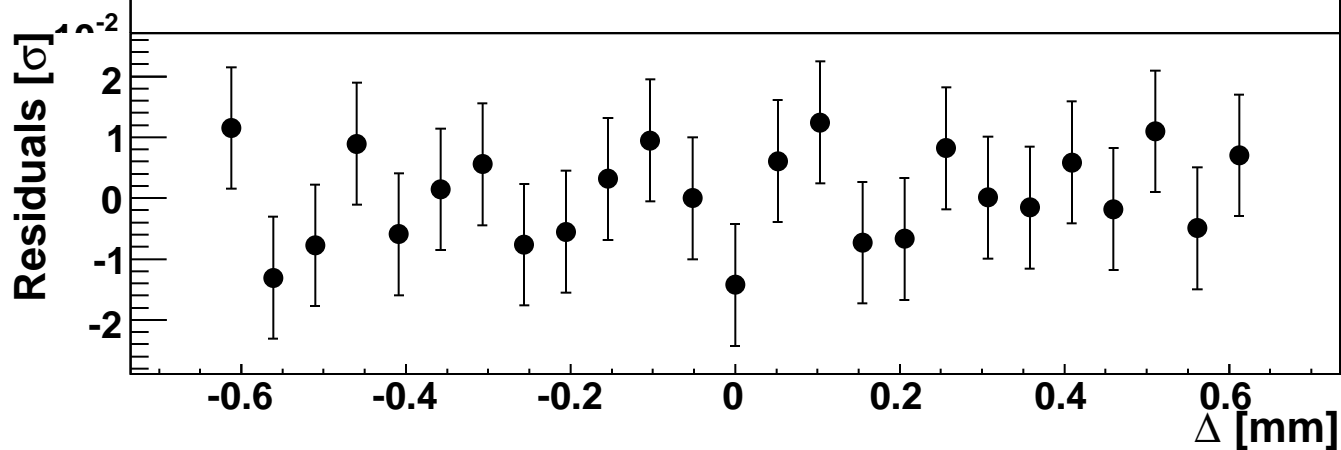
σ_1 / σ_2 1.483 ± 0.5634

Amp $0.002962 \pm 1.552\text{e-}05$

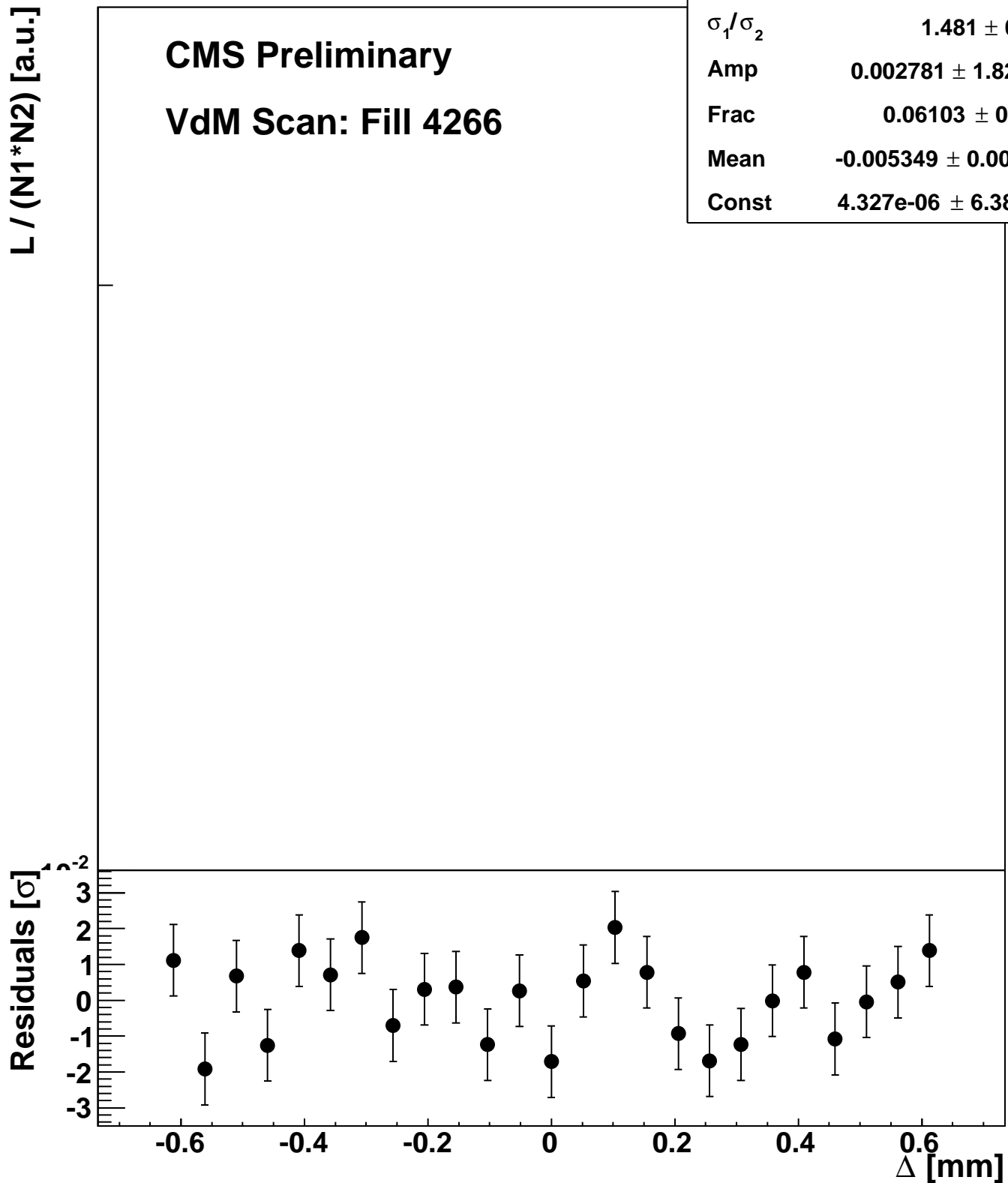
Frac 0.01891 ± 0.04506

Mean -0.005915 ± 0.00052

Const $4.725\text{e-}06 \pm 7.833\text{e-}07$



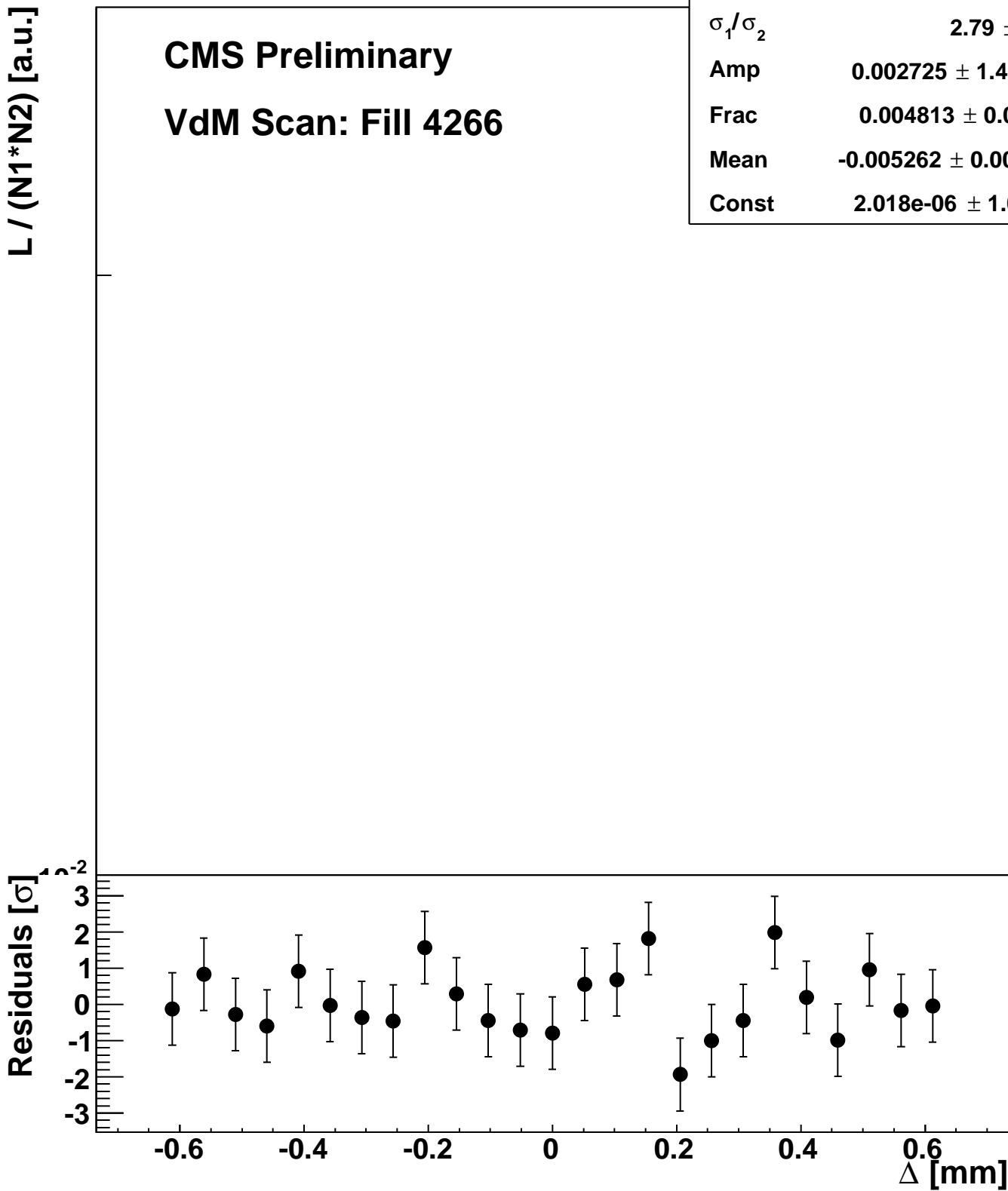
Scan 10: Y-plane BCID 291



χ^2 / ndf	31.91 / 19
Σ	0.1125 ± 0.0005005
σ_1 / σ_2	1.481 ± 0.1369
Amp	$0.002781 \pm 1.821\text{e-}05$
Frac	0.06103 ± 0.03921
Mean	-0.005349 ± 0.0005253
Const	$4.327\text{e-}06 \pm 6.385\text{e-}07$

Scan 10: Y-plane BCID 51

χ^2 / ndf	21.07 / 19
Σ	0.1145 ± 0.002094
σ_1 / σ_2	2.79 ± 3.361
Amp	$0.002725 \pm 1.483\text{e-}05$
Frac	0.004813 ± 0.004319
Mean	-0.005262 ± 0.0004699
Const	$2.018\text{e-}06 \pm 1.07\text{e-}05$



Scan 10: Y-plane BCID 771

L / (N1*N2) [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf 26.9 / 19

Σ 0.115 \pm 0.000385

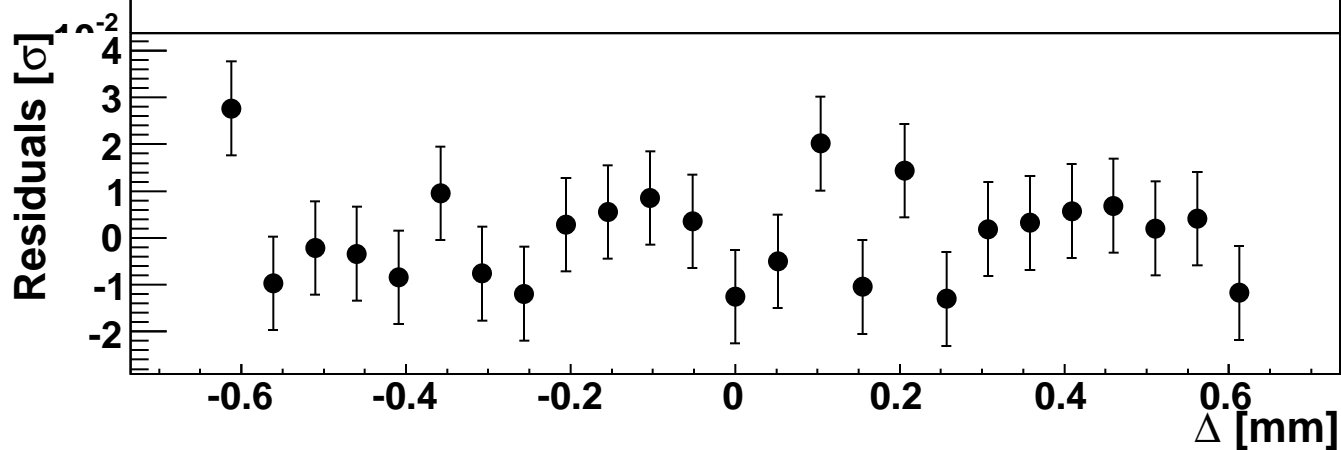
σ_1/σ_2 3.321 \pm 0.4609

Amp 0.002742 \pm 1.306e-05

Frac 0.005034 \pm 0.001321

Mean -0.00508 \pm 0.0004829

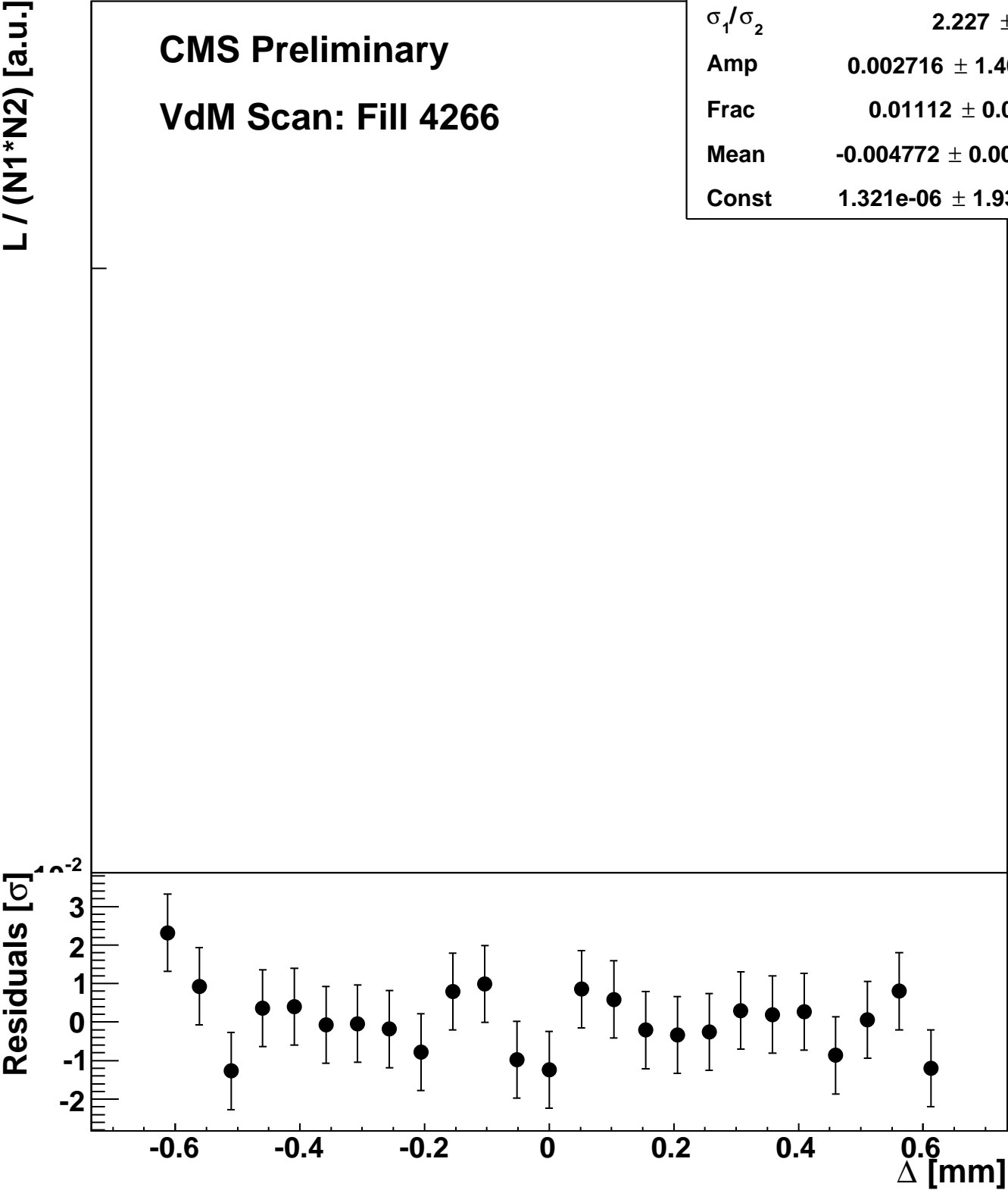
Const 2.68e-12 \pm 2.756e-05



Scan 10: Y-plane BCID 811

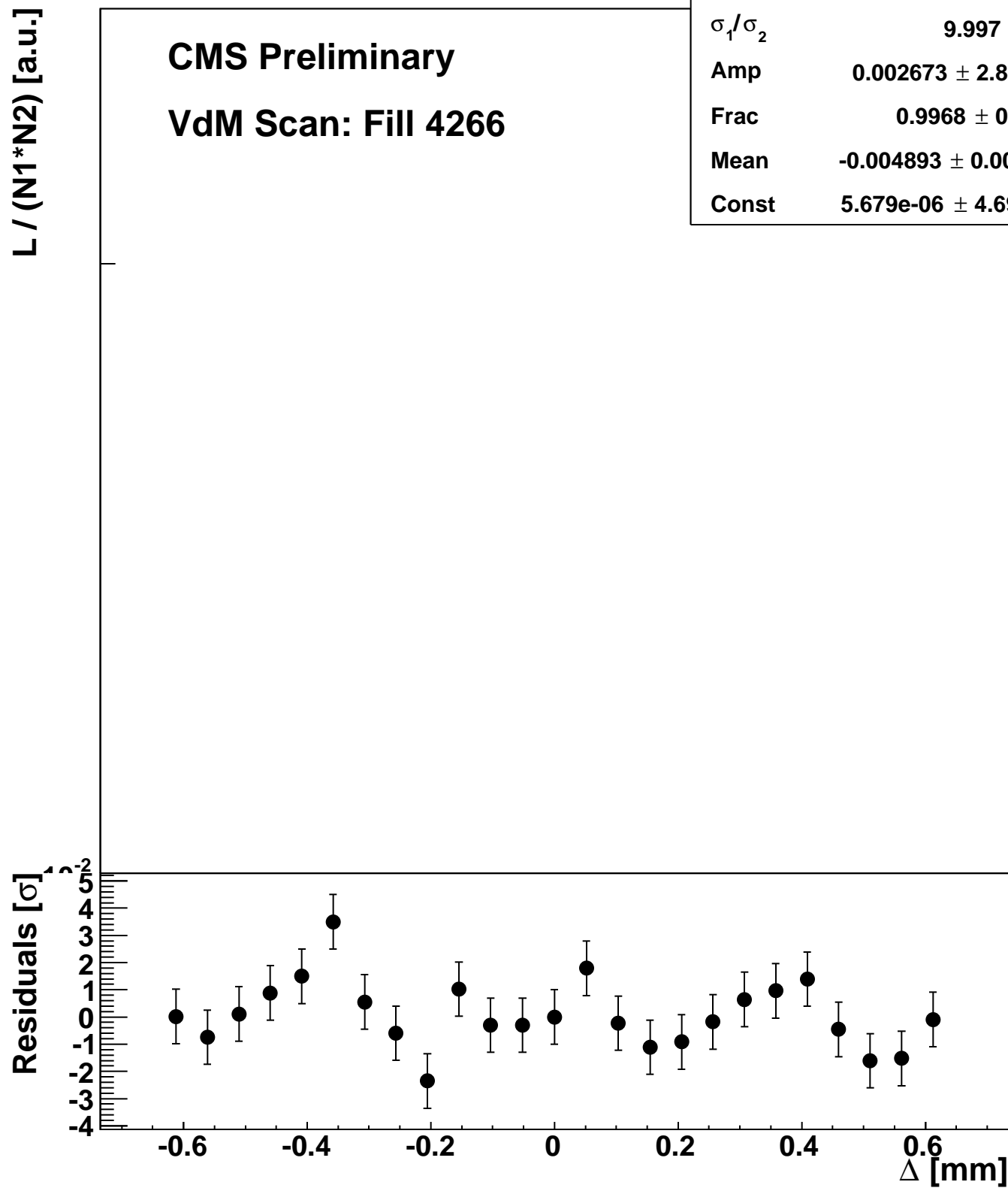
χ^2 / ndf	17.24 / 19
Σ	0.1152 ± 0.0006155
σ_1 / σ_2	2.227 ± 0.583
Amp	$0.002716 \pm 1.402\text{e-}05$
Frac	0.01112 ± 0.006309
Mean	-0.004772 ± 0.0004782
Const	$1.321\text{e-}06 \pm 1.931\text{e-}06$

CMS Preliminary
VdM Scan: Fill 4266

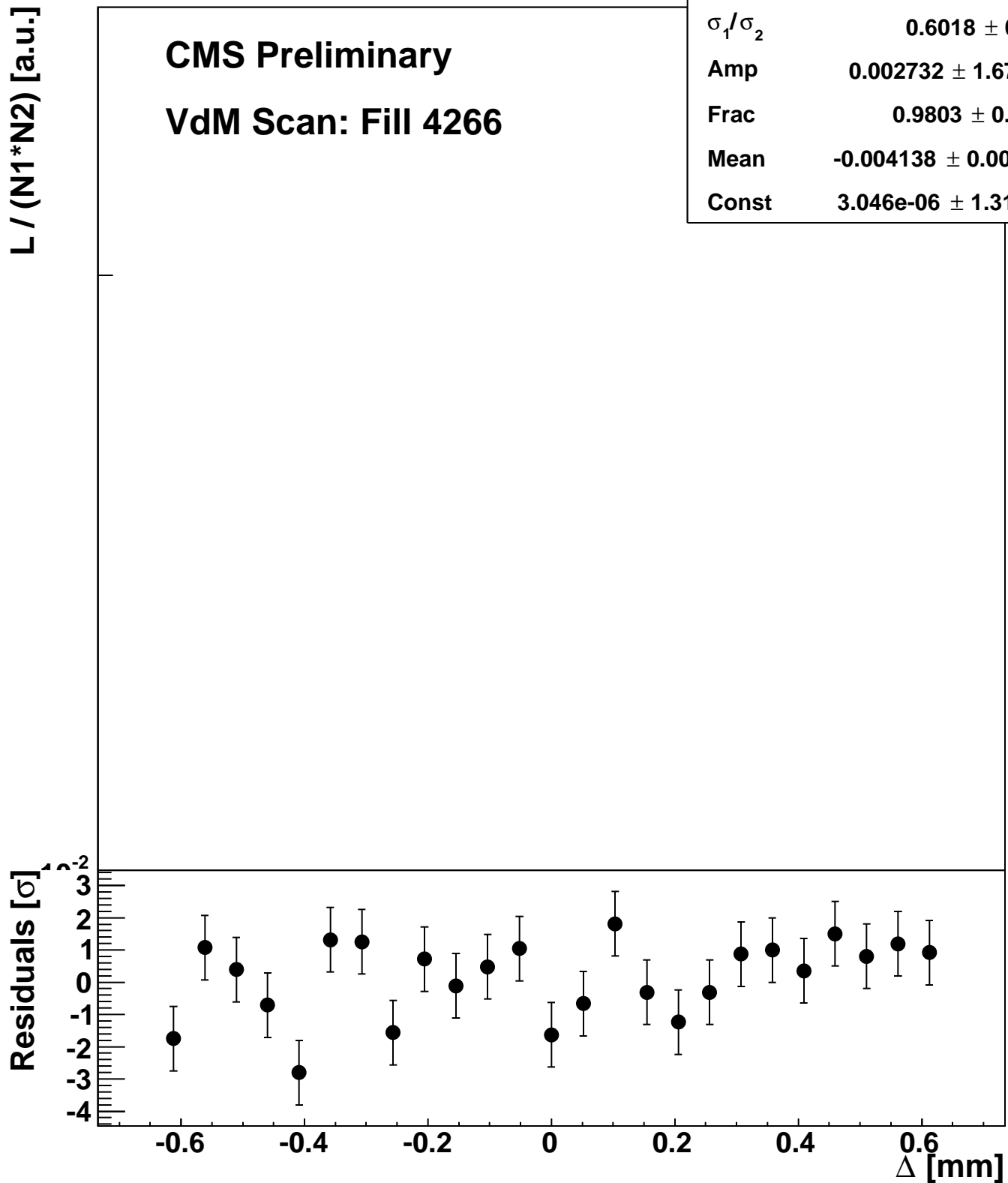


Scan 10: Y-plane BCID 851

χ^2 / ndf	37.01 / 19
Σ	0.1151 ± 0.001232
σ_1 / σ_2	9.997 ± 8.01
Amp	$0.002673 \pm 2.843\text{e-}05$
Frac	0.9968 ± 0.01206
Mean	-0.004893 ± 0.0004648
Const	$5.679\text{e-}06 \pm 4.695\text{e-}07$



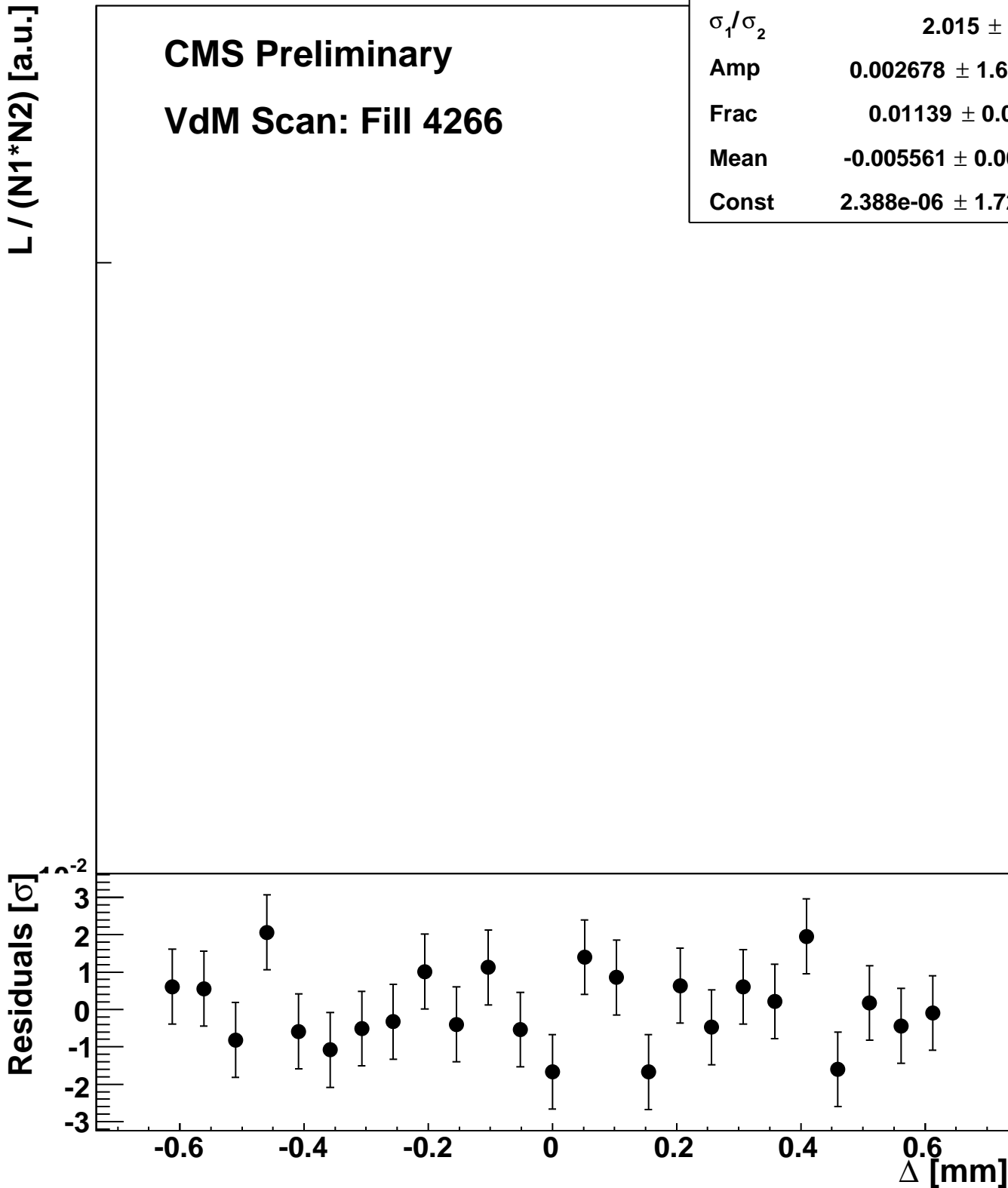
Scan 10: Y-plane BCID 891



χ^2 / ndf	35.44 / 19
Σ	0.1147 ± 0.0006817
σ_1 / σ_2	0.6018 ± 0.2514
Amp	$0.002732 \pm 1.671\text{e-}05$
Frac	0.9803 ± 0.03872
Mean	-0.004138 ± 0.0005063
Const	$3.046\text{e-}06 \pm 1.312\text{e-}06$

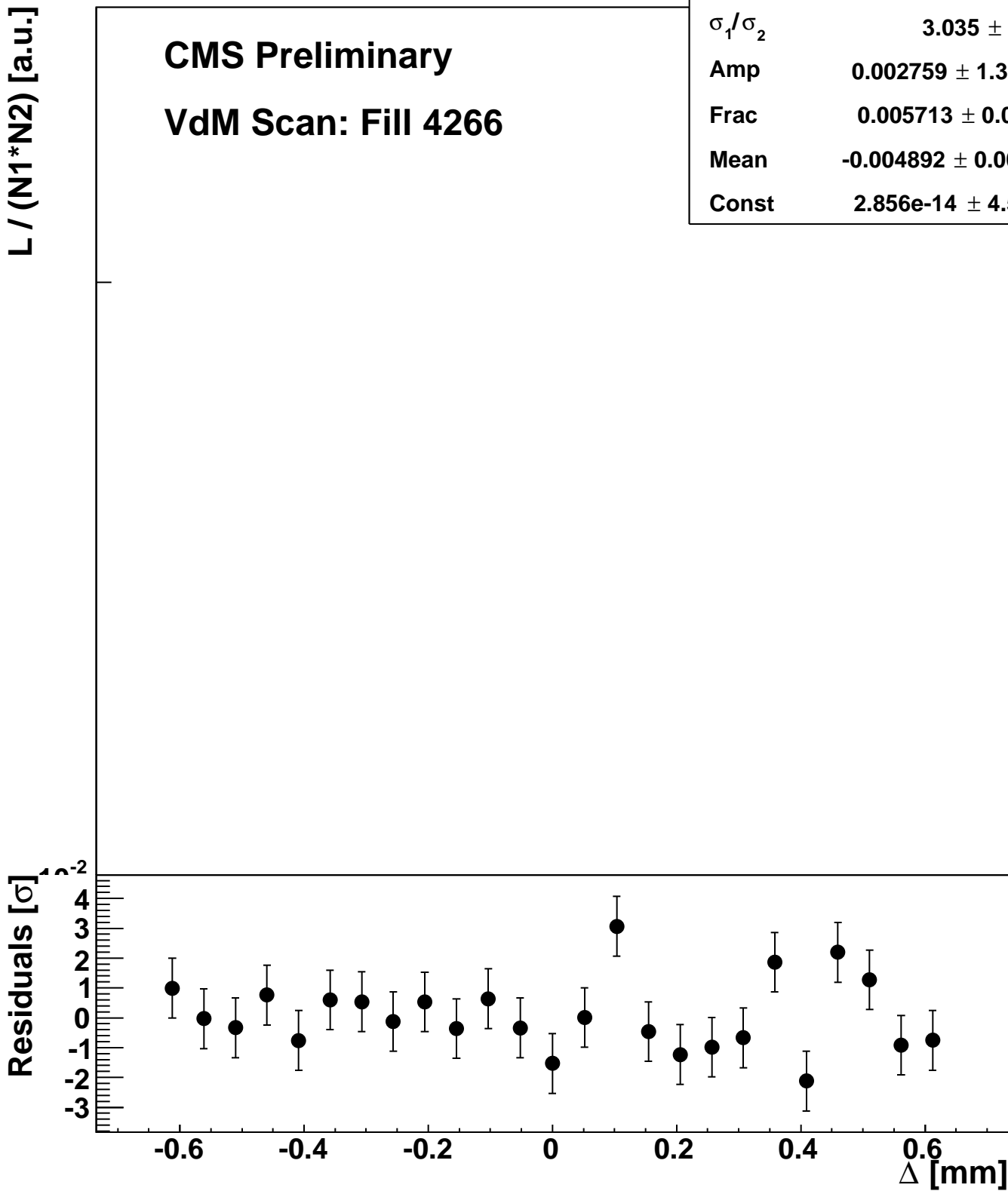
Scan 10: Y-plane BCID 91

χ^2 / ndf	26.12 / 19
Σ	0.1157 ± 0.0005585
σ_1 / σ_2	2.015 ± 0.5586
Amp	$0.002678 \pm 1.675\text{e-}05$
Frac	0.01139 ± 0.008316
Mean	-0.005561 ± 0.0005231
Const	$2.388\text{e-}06 \pm 1.721\text{e-}06$

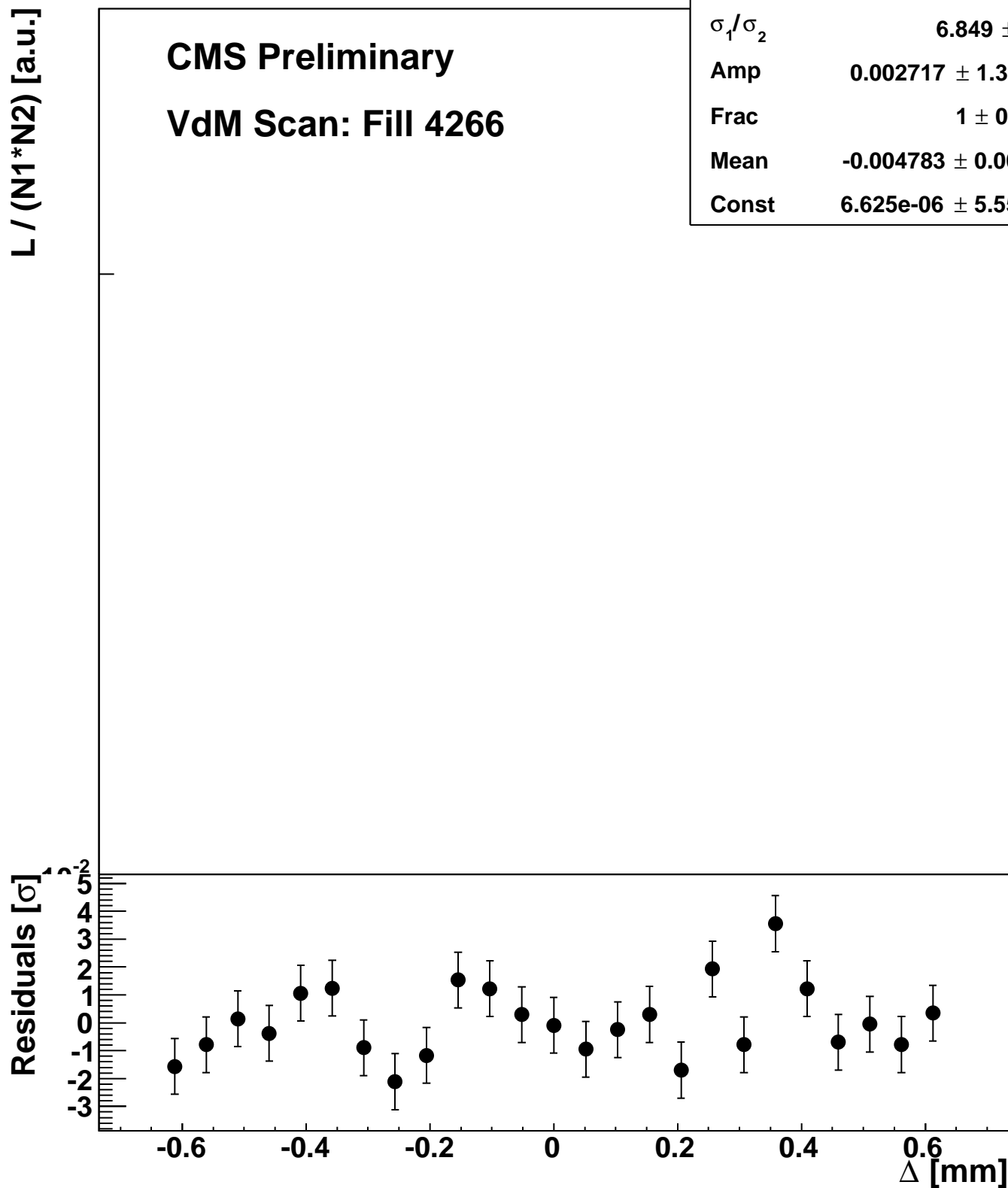


Scan 10: Y-plane BCID 931

χ^2 / ndf	34.54 / 19
Σ	0.1143 ± 0.0003686
σ_1 / σ_2	3.035 ± 0.3454
Amp	$0.002759 \pm 1.335\text{e-}05$
Frac	0.005713 ± 0.001464
Mean	-0.004892 ± 0.0004801
Const	$2.856\text{e-}14 \pm 4.53\text{e-}06$

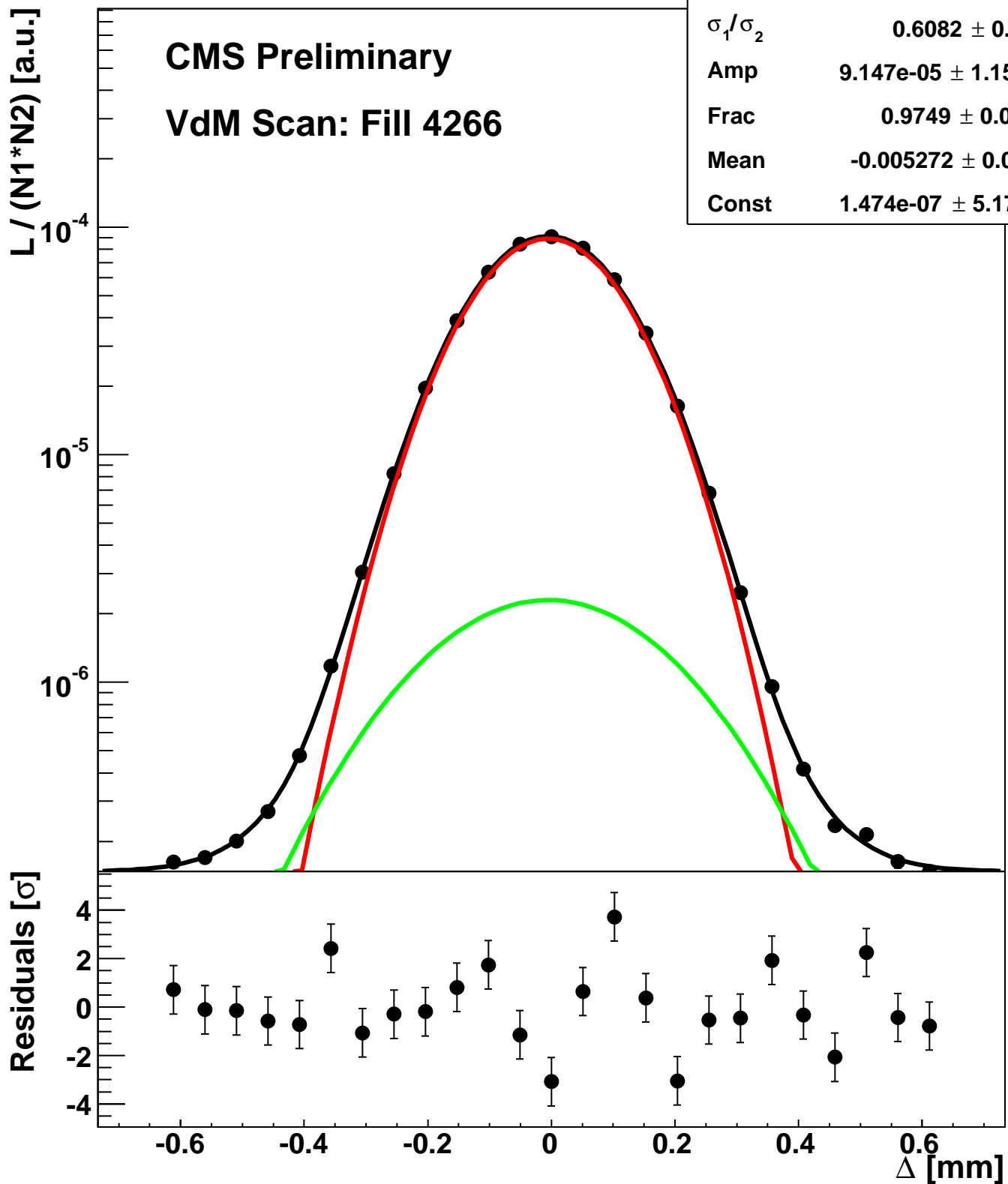


Scan 10: Y-plane BCID 971



χ^2 / ndf	40.11 / 19
Σ	-0.1148 \pm 0.0003678
σ_1 / σ_2	6.849 \pm 6.239
Amp	0.002717 \pm 1.317e-05
Frac	1 \pm 0.05247
Mean	-0.004783 \pm 0.0004891
Const	6.625e-06 \pm 5.551e-07

Scan 10: Y-plane BCID sum



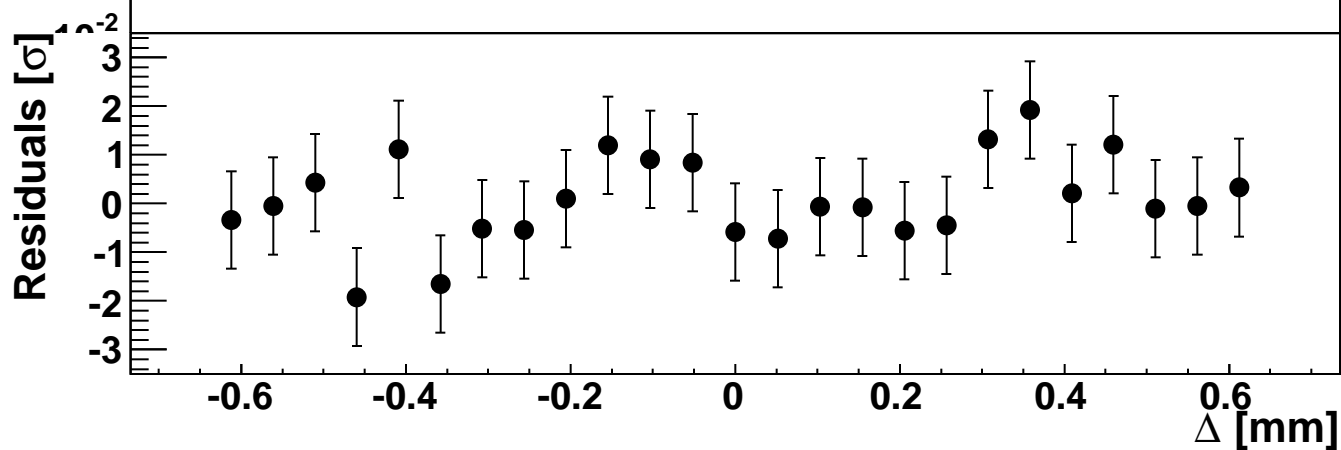
Scan 1: X-plane BCID 1011

L / (N1*N2) [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	19.89 / 19
Σ	0.1273 ± 0.0006119
σ_1 / σ_2	1.489 ± 0.3302
Amp	$0.002668 \pm 1.673\text{e-}05$
Frac	0.04649 ± 0.06235
Mean	-0.002436 ± 0.0005582
Const	$3.687\text{e-}06 \pm 1.283\text{e-}06$



Scan 1: X-plane BCID 131

$L / (N1 \cdot N2)$ [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf 12.39 / 19

Σ 0.1302 ± 0.0007522

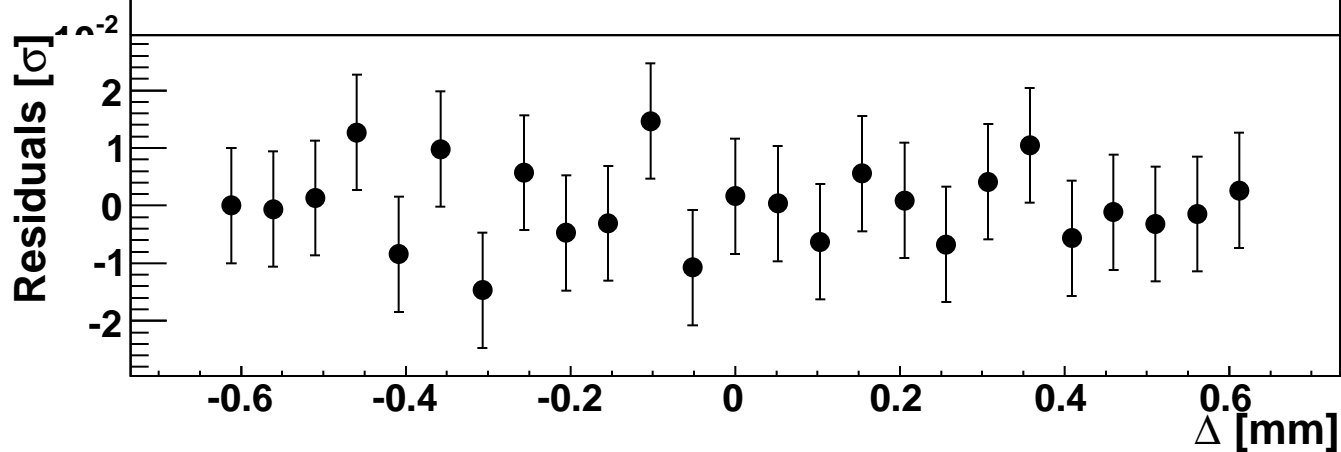
σ_1 / σ_2 1.346 ± 0.3223

Amp $0.002574 \pm 1.838\text{e-}05$

Frac 0.09104 ± 0.1785

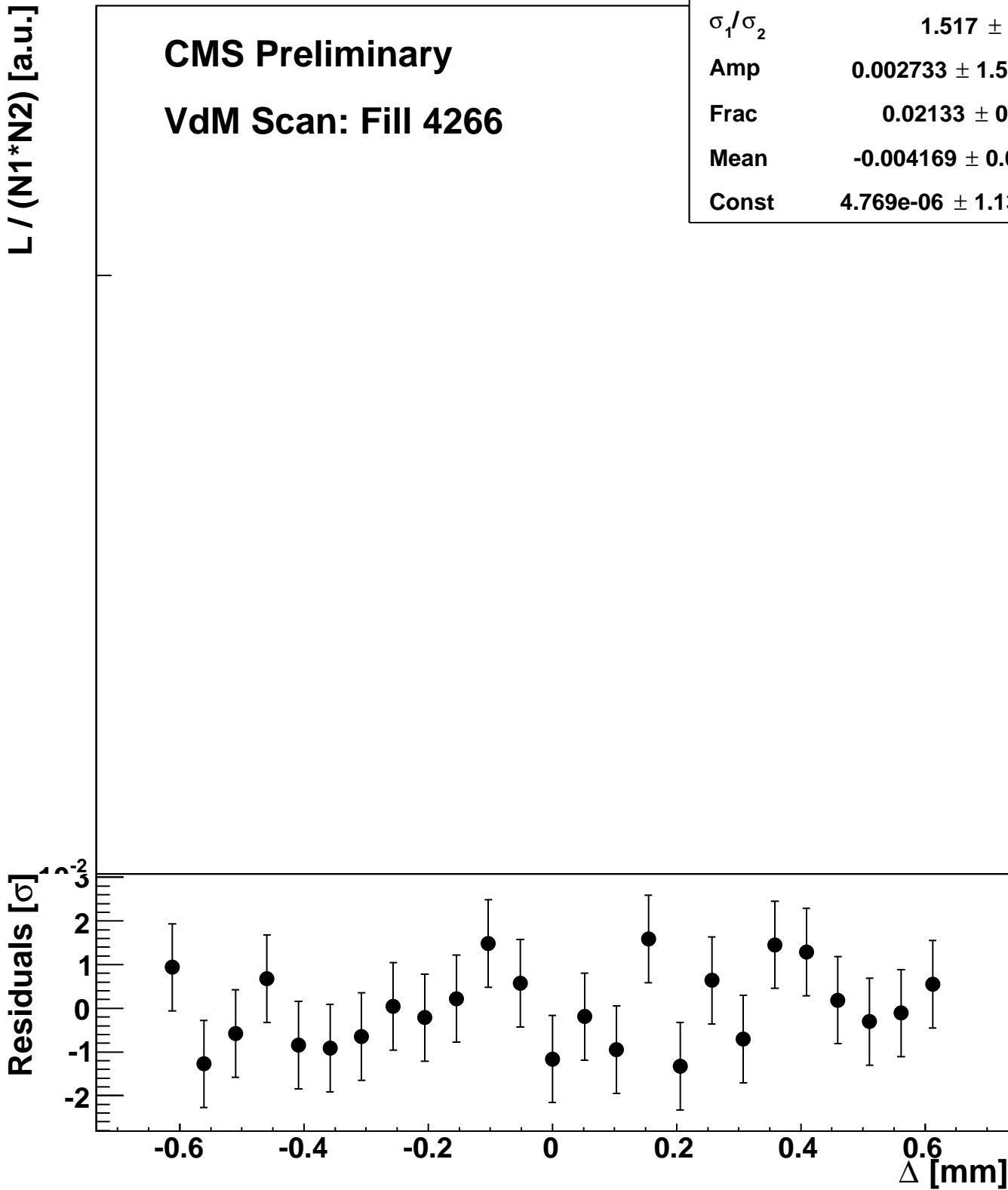
Mean -0.004604 ± 0.0006258

Const $5.093\text{e-}06 \pm 1.399\text{e-}06$



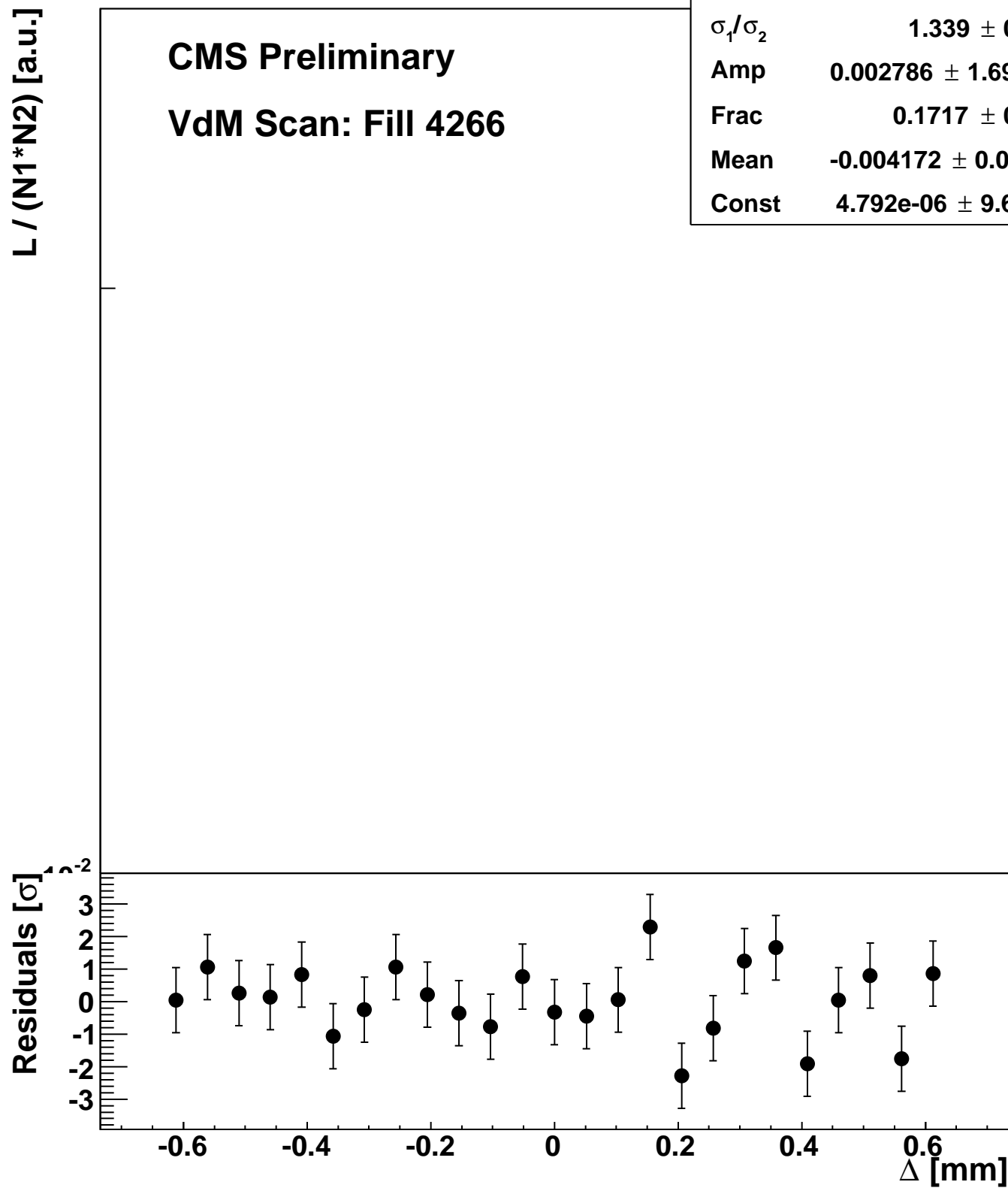
Scan 1: X-plane BCID 1631

χ^2 / ndf	19.57 / 19
Σ	0.1252 ± 0.000537
σ_1 / σ_2	1.517 ± 0.4907
Amp	$0.002733 \pm 1.513\text{e-}05$
Frac	0.02133 ± 0.03794
Mean	-0.004169 ± 0.000541
Const	$4.769\text{e-}06 \pm 1.137\text{e-}06$



Scan 1: X-plane BCID 1671

χ^2 / ndf	29.39 / 19
Σ	0.1241 ± 0.000602
σ_1/σ_2	1.339 ± 0.1276
Amp	$0.002786 \pm 1.696\text{e-}05$
Frac	0.1717 ± 0.1769
Mean	-0.004172 ± 0.000466
Const	$4.792\text{e-}06 \pm 9.67\text{e-}07$



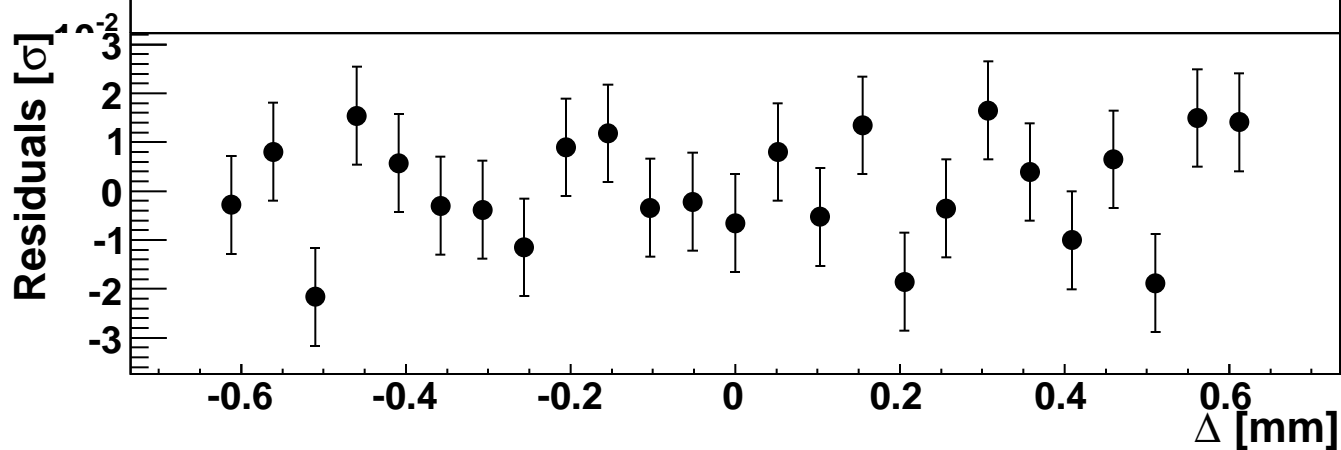
Scan 1: X-plane BCID 1711

L / (N1*N2) [a.u.]

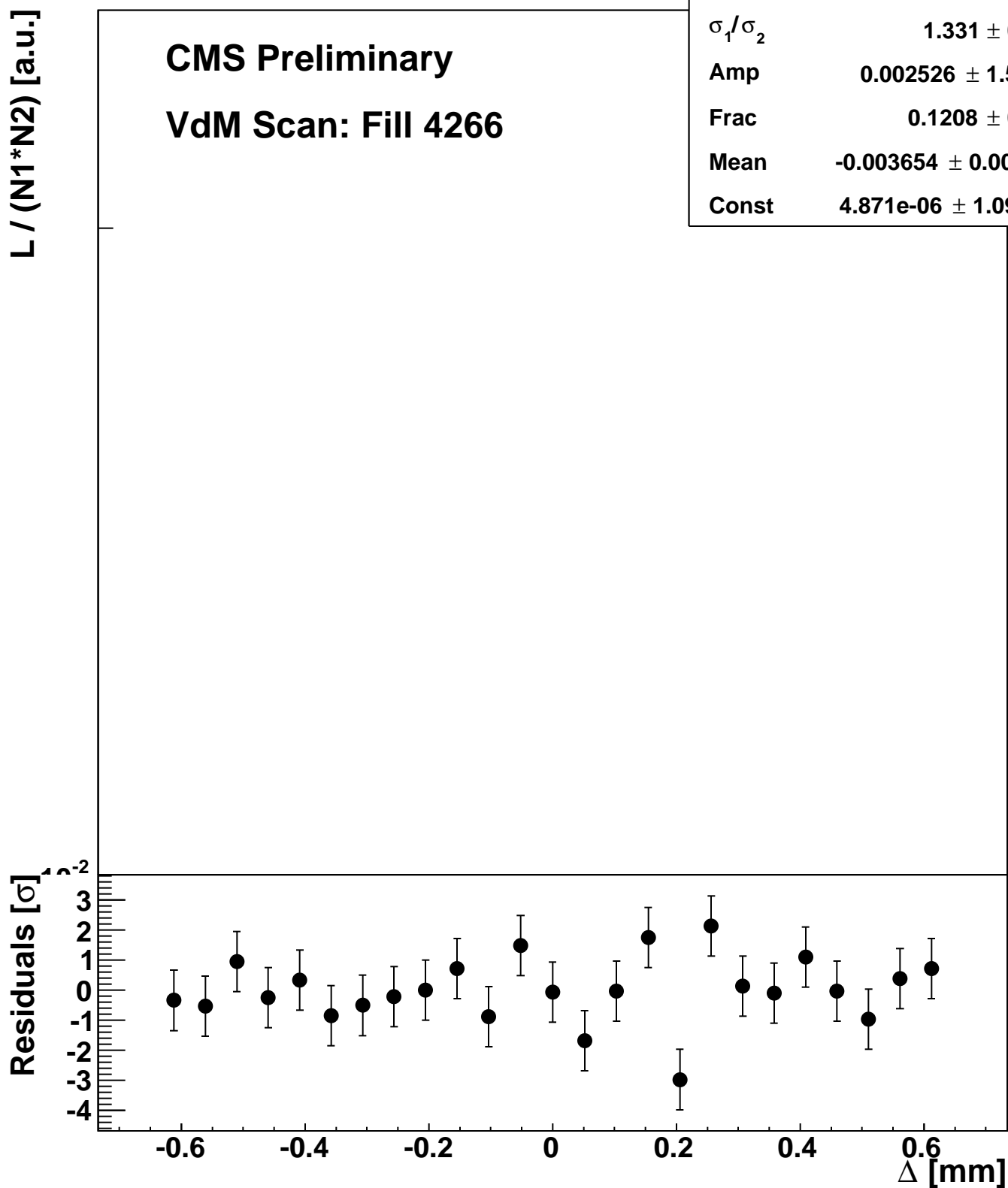
CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	30.79 / 19
Σ	0.1247 ± 0.0005981
σ_1 / σ_2	1.311 ± 0.03679
Amp	$0.002716 \pm 1.638\text{e-}05$
Frac	0.3219 ± 0.1732
Mean	-0.004032 ± 0.0005714
Const	$4.186\text{e-}06 \pm 7.961\text{e-}07$

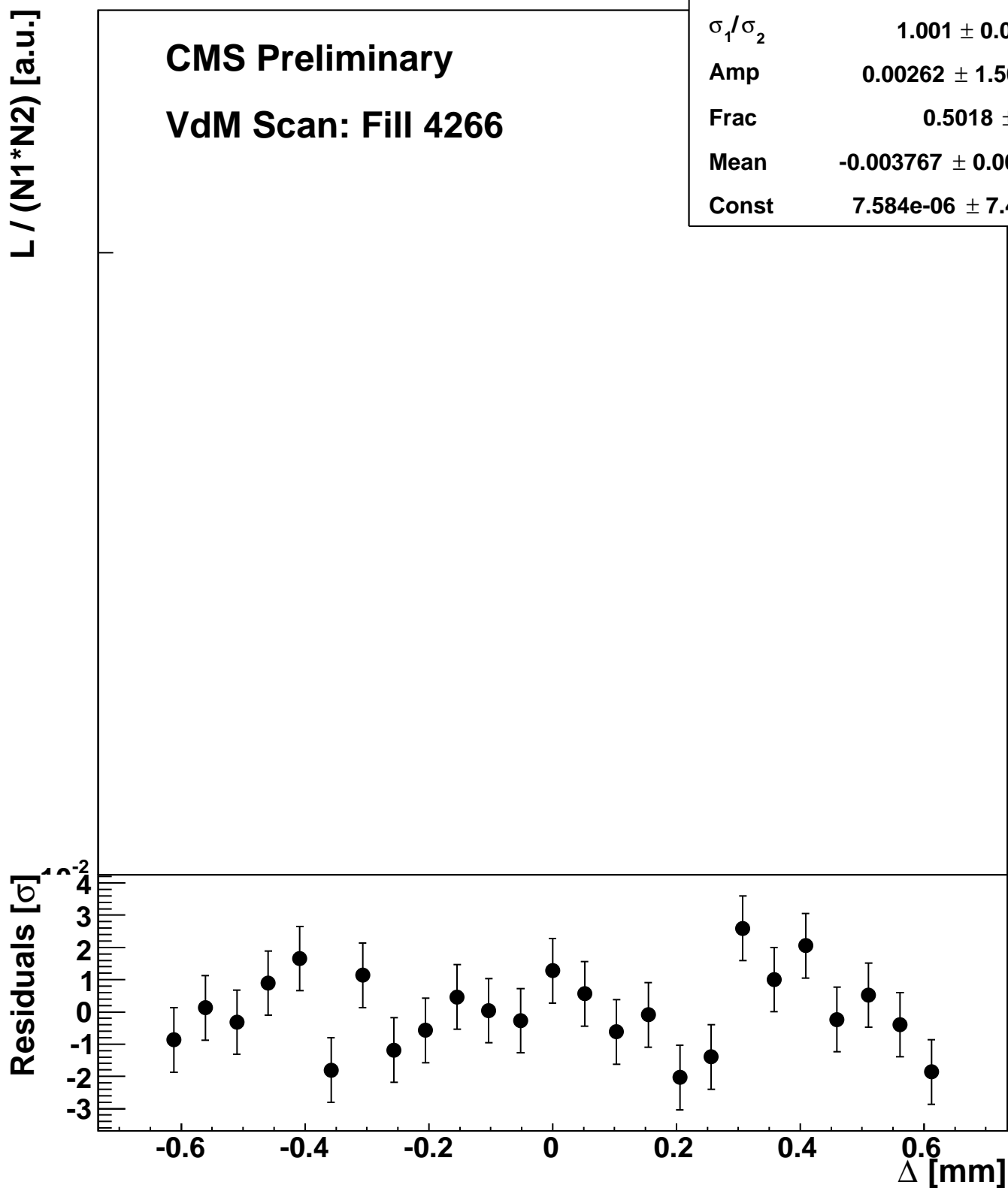


Scan 1: X-plane BCID 171



χ^2 / ndf	28.1 / 19
Σ	0.1305 ± 0.0006412
σ_1 / σ_2	1.331 ± 0.1977
Amp	$0.002526 \pm 1.55\text{e-}05$
Frac	0.1208 ± 0.1682
Mean	-0.003654 ± 0.0005823
Const	$4.871\text{e-}06 \pm 1.091\text{e-}06$

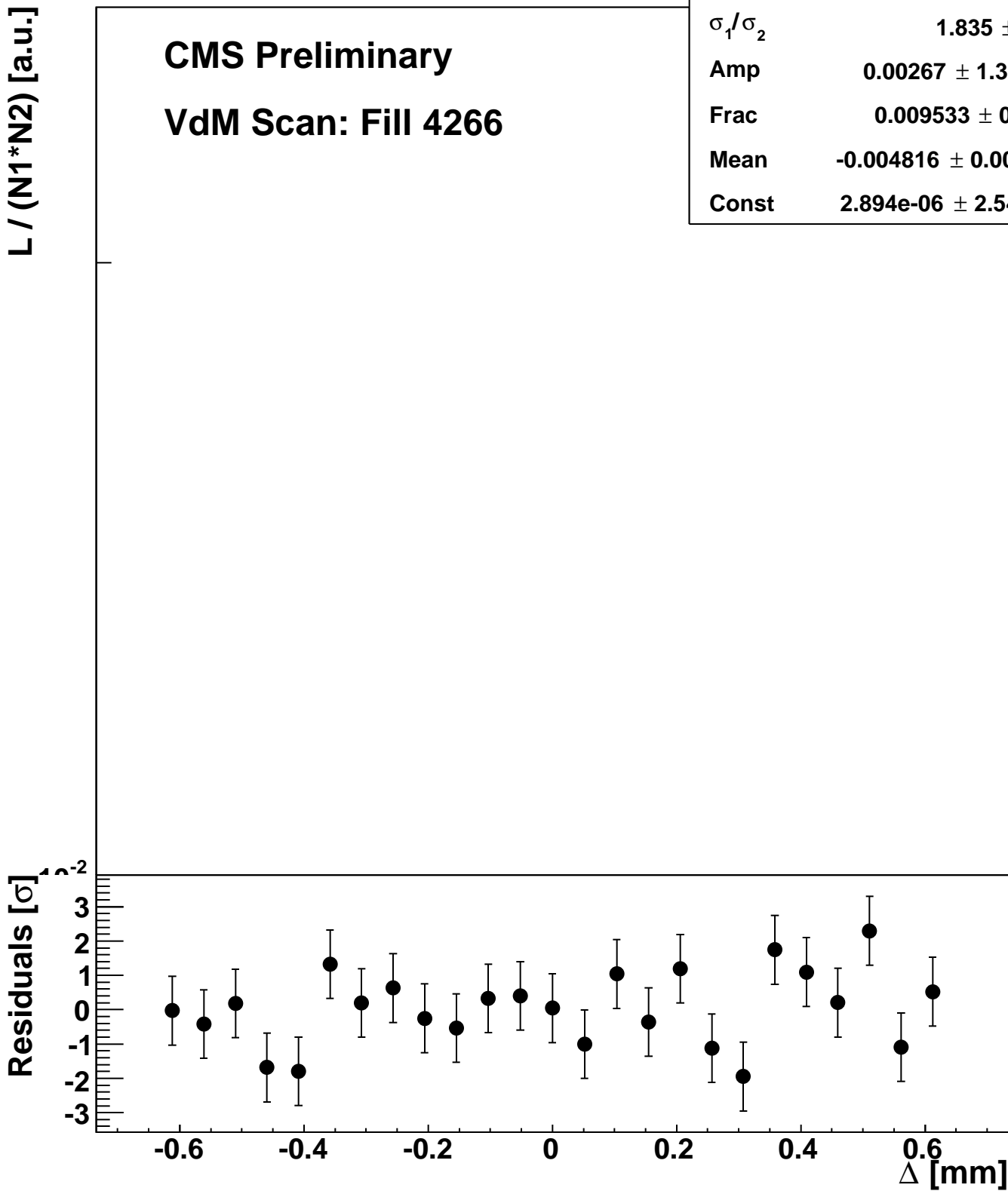
Scan 1: X-plane BCID 1751



χ^2 / ndf	35.3 / 19
Σ	0.1289 ± 0.0004817
σ_1 / σ_2	1.001 ± 0.001617
Amp	$0.00262 \pm 1.507\text{e-}05$
Frac	0.5018 ± 0.601
Mean	-0.003767 ± 0.0005991
Const	$7.584\text{e-}06 \pm 7.45\text{e-}07$

Scan 1: X-plane BCID 1791

χ^2 / ndf	28.81 / 19
Σ	0.1266 ± 0.0007689
σ_1 / σ_2	1.835 ± 1.195
Amp	$0.00267 \pm 1.352\text{e-}05$
Frac	0.009533 ± 0.01951
Mean	-0.004816 ± 0.0004708
Const	$2.894\text{e-}06 \pm 2.549\text{e-}06$



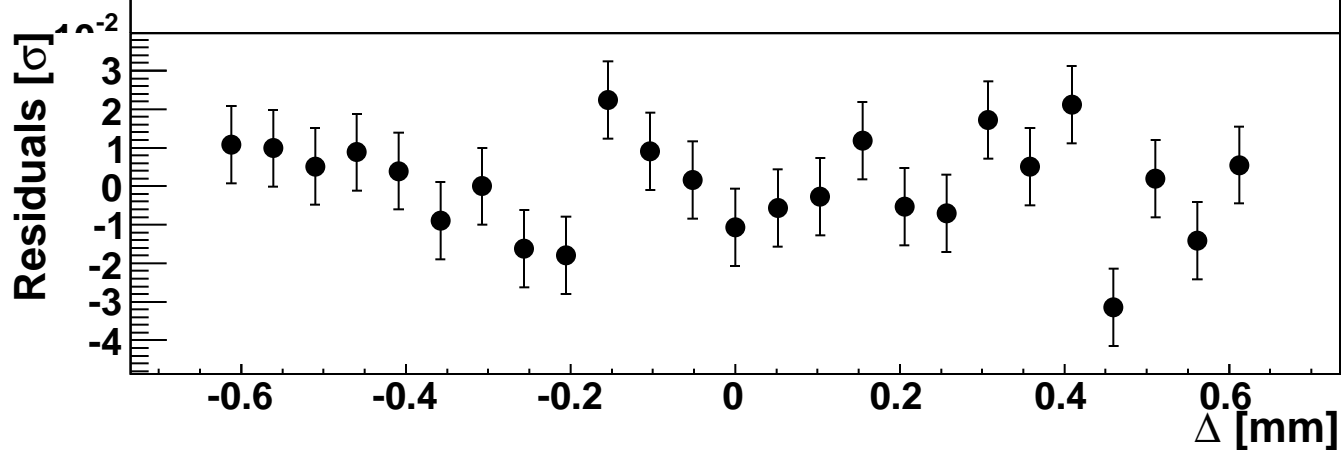
Scan 1: X-plane BCID 1831

L / (N1*N2) [a.u.]

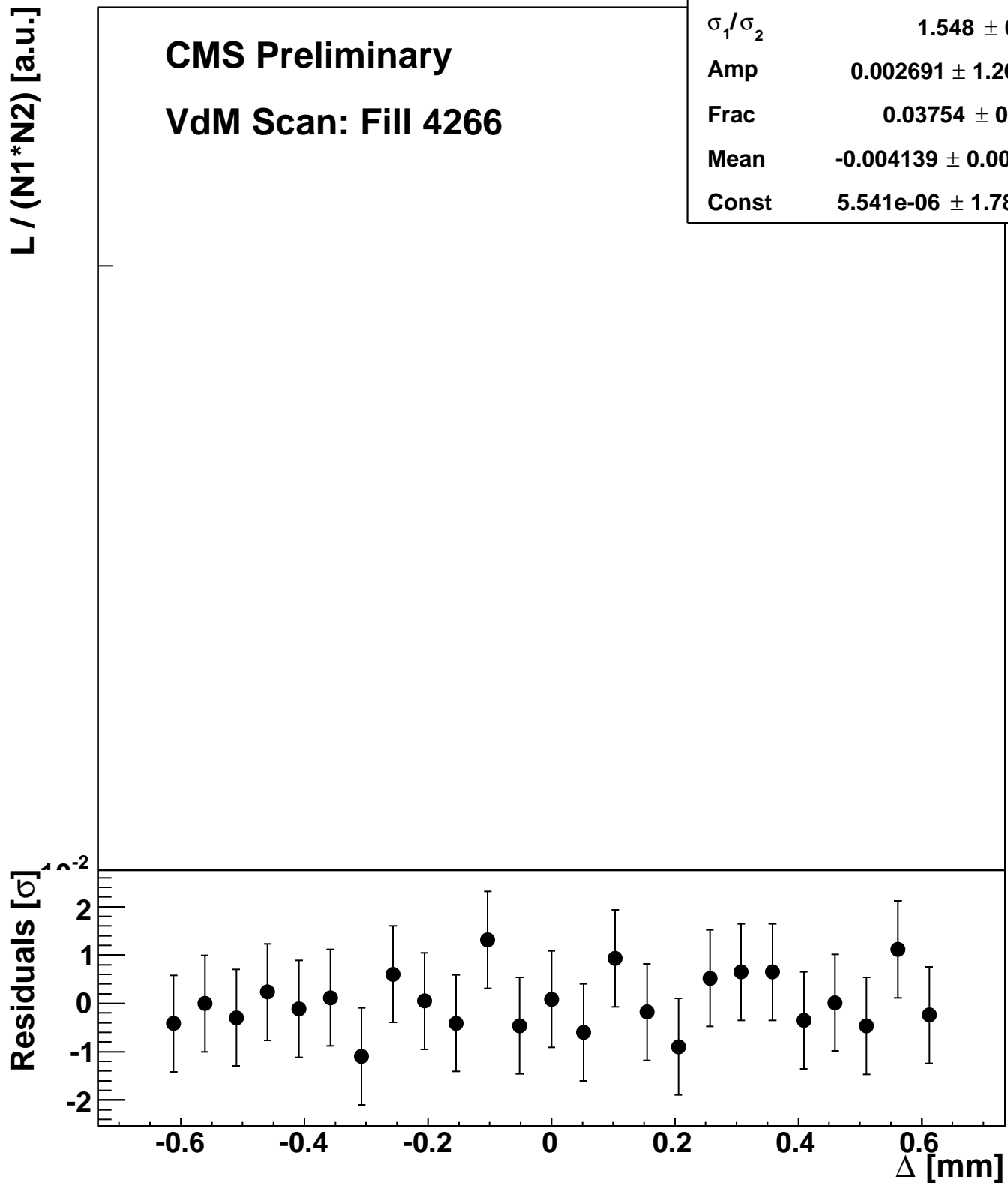
CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	39.39 / 19
Σ	0.1254 ± 0.0005651
σ_1 / σ_2	1.404 ± 0.1034
Amp	$0.002742 \pm 1.535\text{e-}05$
Frac	0.1194 ± 0.07658
Mean	-0.004182 ± 0.0005377
Const	$3.013\text{e-}06 \pm 7.972\text{e-}07$



Scan 1: X-plane BCID 1871

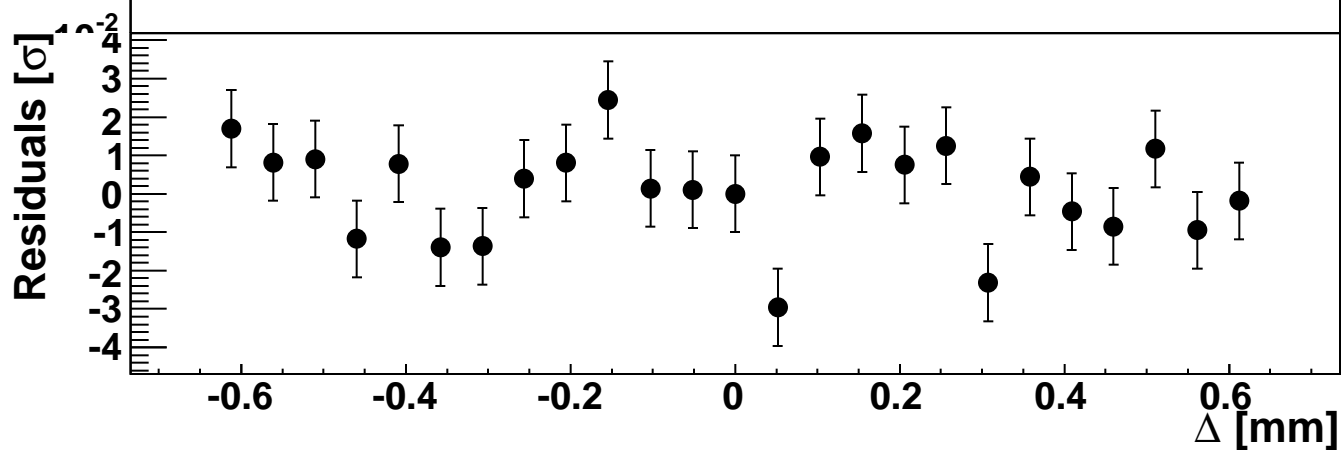


Scan 1: X-plane BCID 1

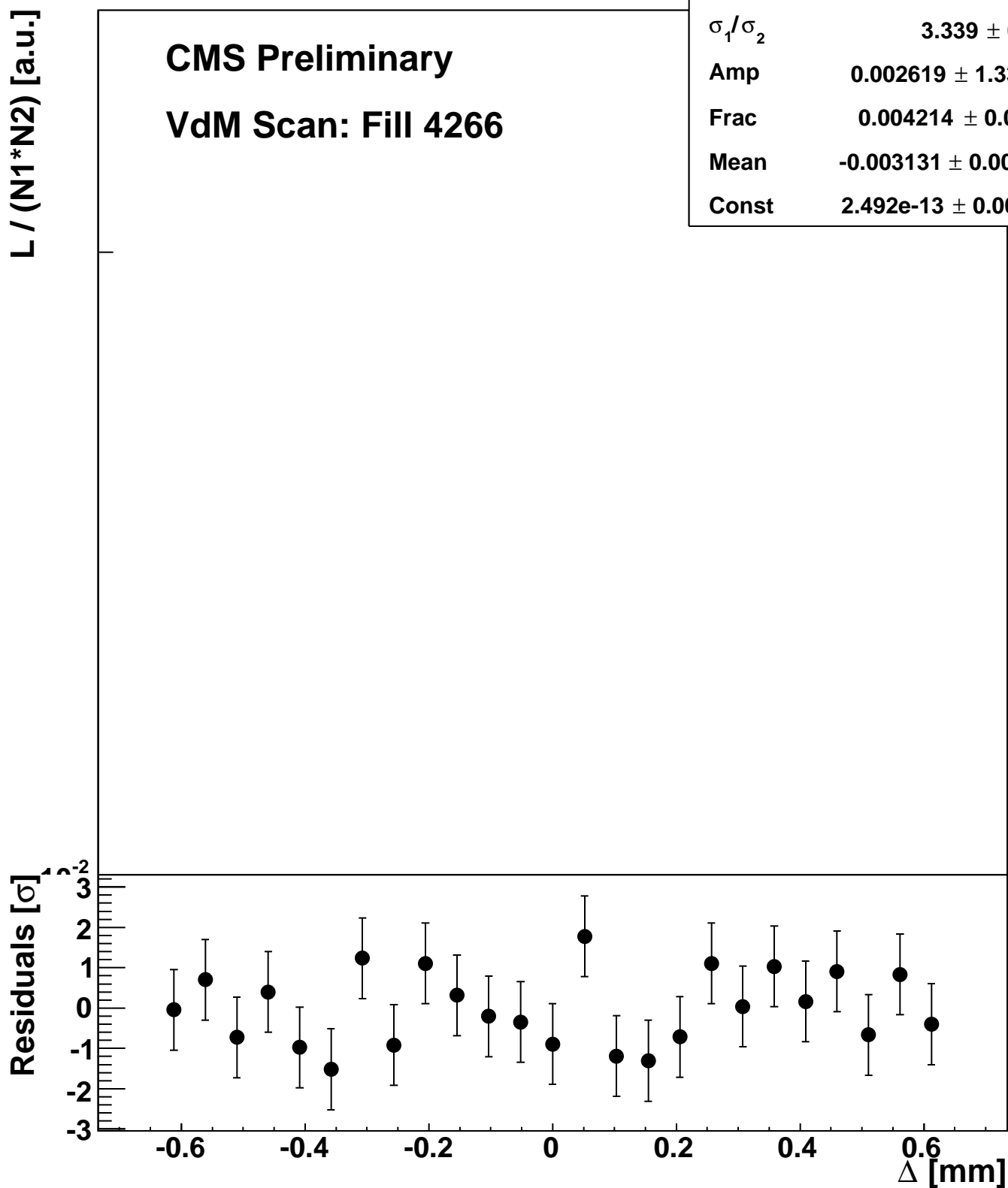
L / (N1*N2) [a.u.]

CMS Preliminary
VdM Scan: Fill 4266

χ^2 / ndf	40.06 / 19
Σ	0.1368 ± 0.001647
σ_1 / σ_2	10 ± 8.46
Amp	$0.002052 \pm 2.544\text{e-}05$
Frac	0.9948 ± 0.0137
Mean	-0.006125 ± 0.0006154
Const	$5.553\text{e-}06 \pm 6.082\text{e-}07$



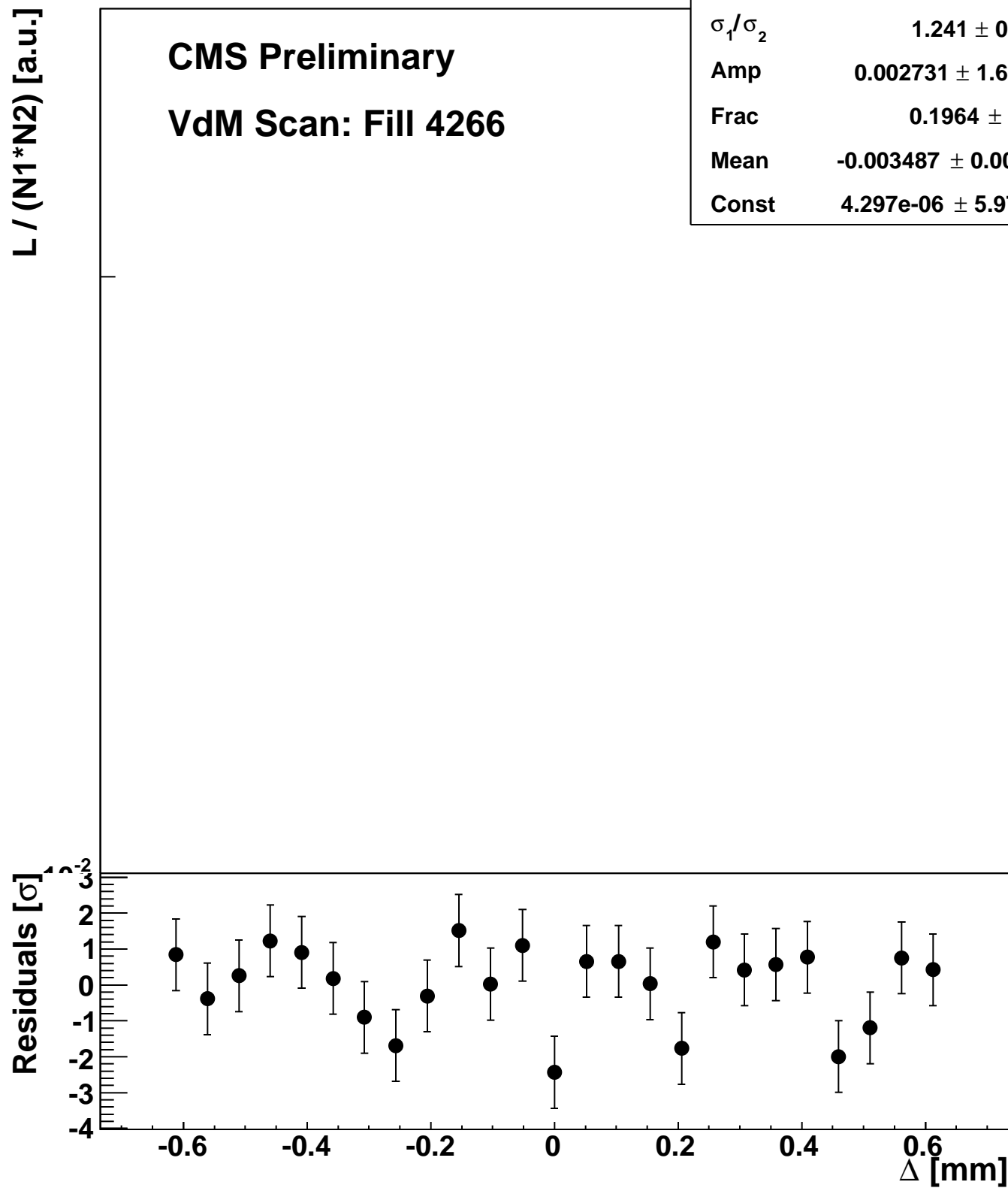
Scan 1: X-plane BCID 211



χ^2 / ndf	20.28 / 19
Σ	0.1294 ± 0.0004923
σ_1 / σ_2	3.339 ± 0.8443
Amp	$0.002619 \pm 1.338\text{e-}05$
Frac	0.004214 ± 0.001671
Mean	-0.003131 ± 0.0005322
Const	$2.492\text{e-}13 \pm 0.0001381$

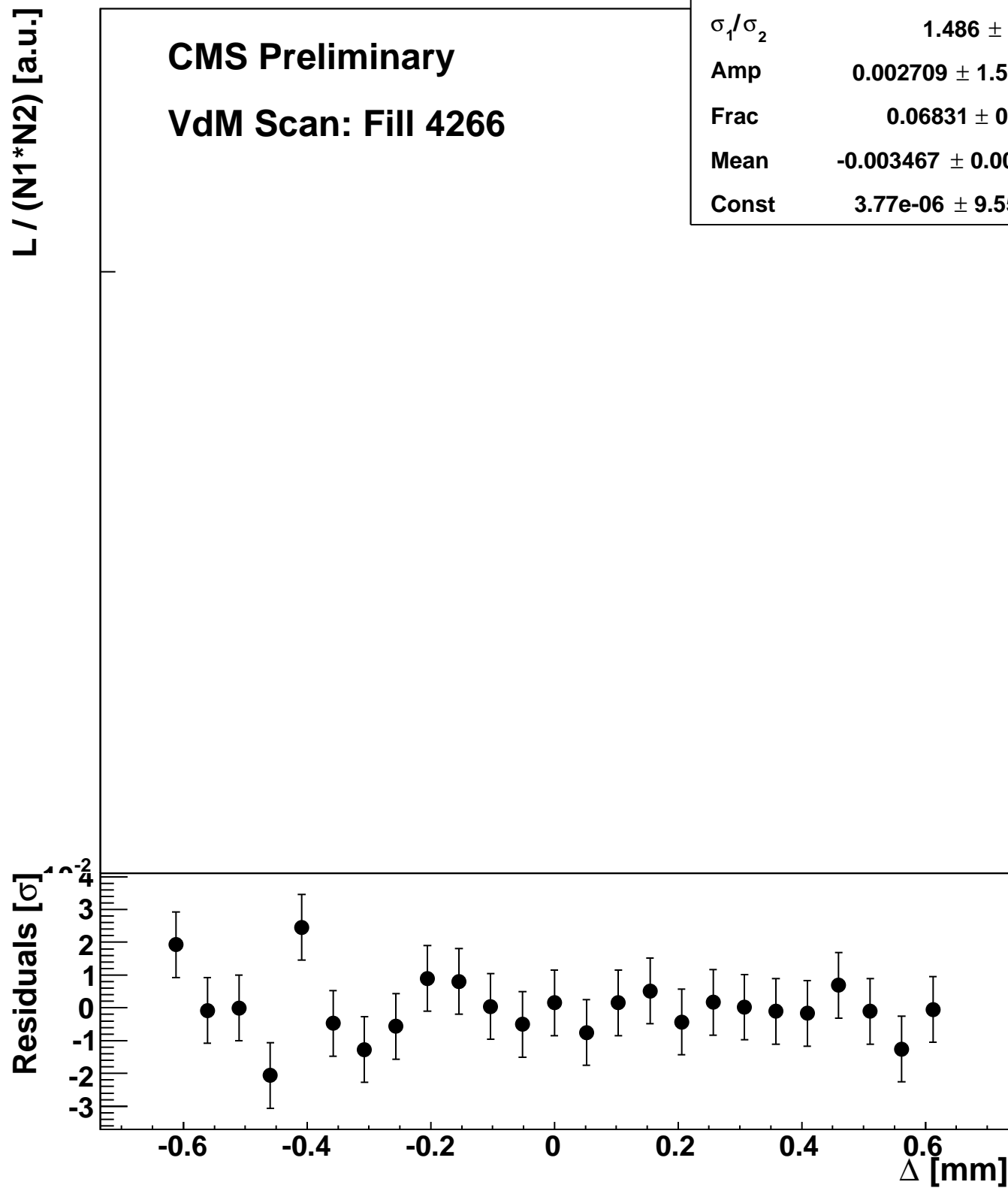
Scan 1: X-plane BCID 2211

χ^2 / ndf	29.16 / 19
Σ	0.1252 ± 0.0005441
σ_1 / σ_2	1.241 ± 0.09625
Amp	$0.002731 \pm 1.691\text{e-}05$
Frac	0.1964 ± 0.2249
Mean	-0.003487 ± 0.0005037
Const	$4.297\text{e-}06 \pm 5.977\text{e-}07$



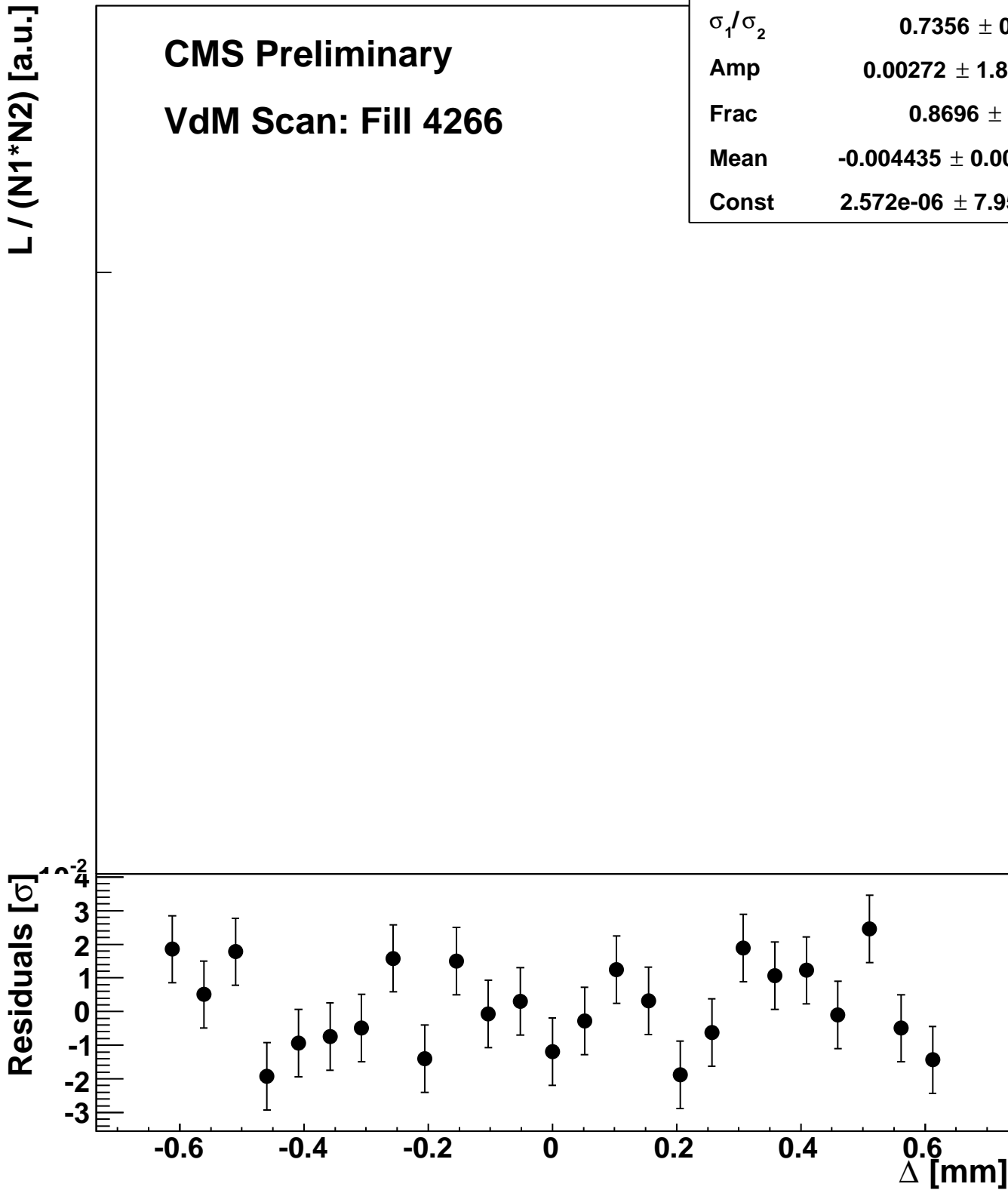
Scan 1: X-plane BCID 2251

χ^2 / ndf	21.03 / 19
Σ	0.1254 ± 0.0005357
σ_1 / σ_2	1.486 ± 0.1416
Amp	$0.002709 \pm 1.503\text{e-}05$
Frac	0.06831 ± 0.04237
Mean	-0.003467 ± 0.0006092
Const	$3.77\text{e-}06 \pm 9.557\text{e-}07$

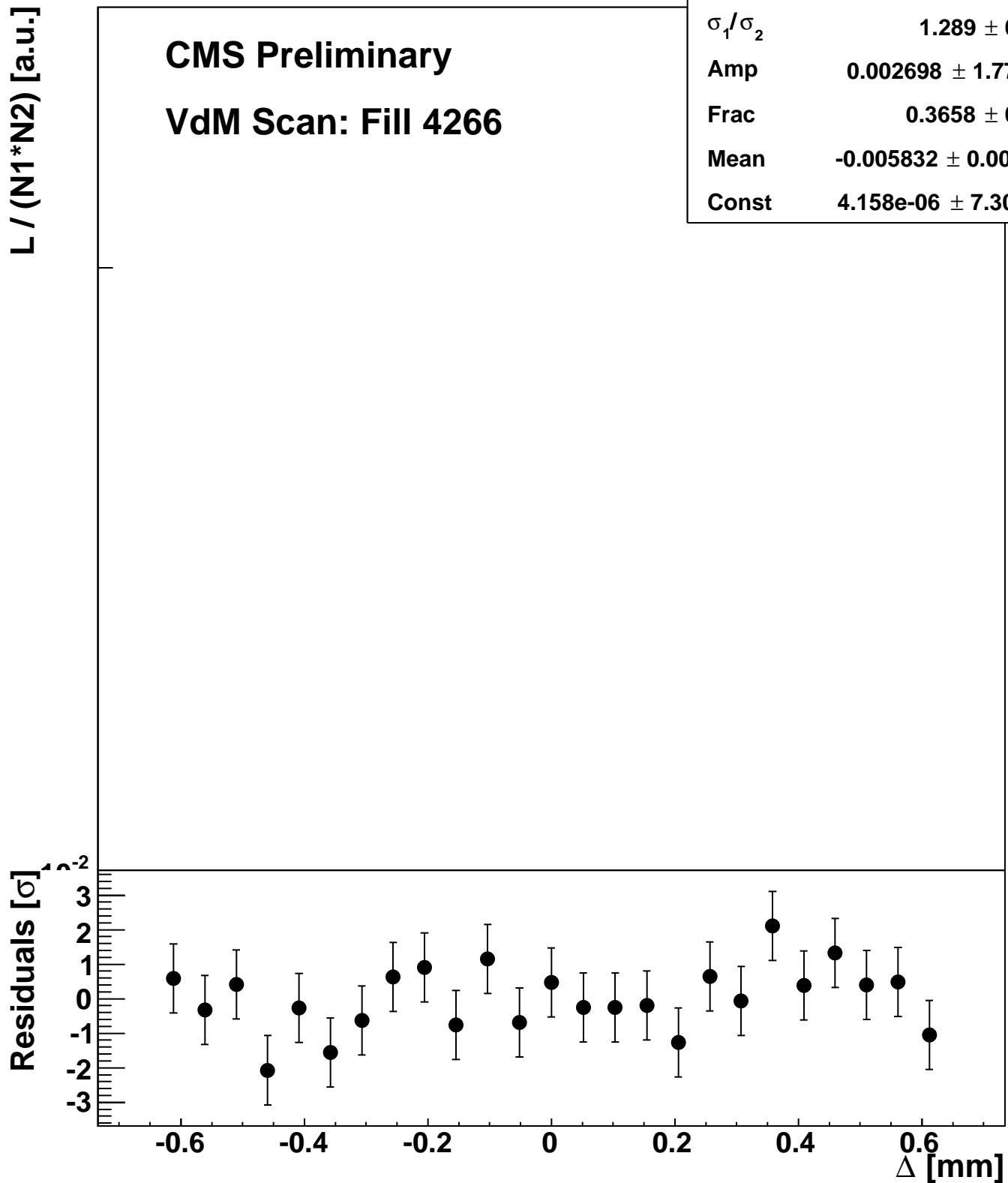


Scan 1: X-plane BCID 2291

χ^2 / ndf	40.66 / 19
Σ	0.1256 ± 0.000648
σ_1 / σ_2	0.7356 ± 0.07961
Amp	$0.00272 \pm 1.871\text{e-}05$
Frac	0.8696 ± 0.1375
Mean	-0.004435 ± 0.0005425
Const	$2.572\text{e-}06 \pm 7.955\text{e-}07$



Scan 1: X-plane BCID 2331

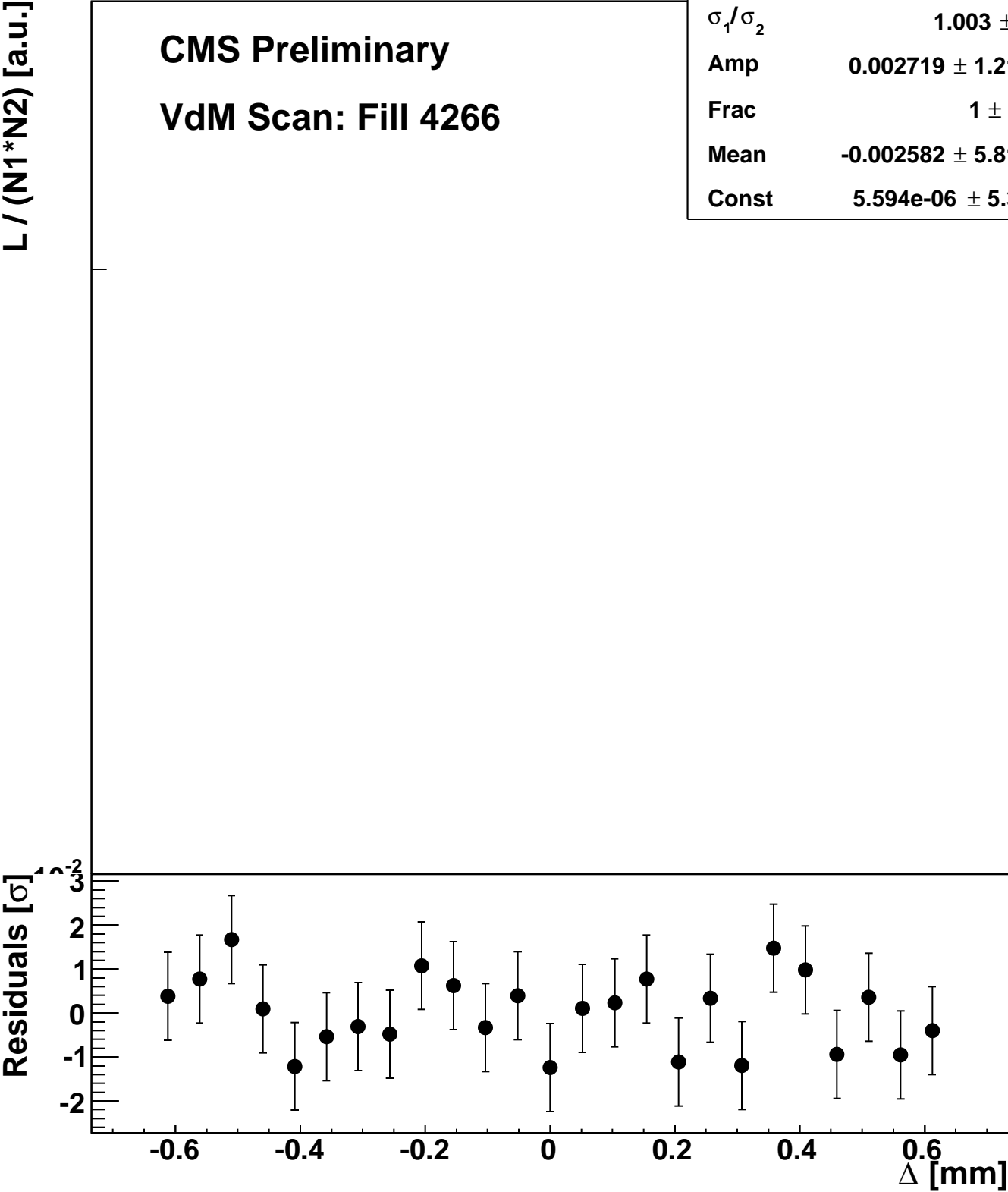


χ^2 / ndf	21.63 / 19
Σ	0.1262 ± 0.0006896
σ_1 / σ_2	1.289 ± 0.0302
Amp	$0.002698 \pm 1.777\text{e-}05$
Frac	0.3658 ± 0.2744
Mean	-0.005832 ± 0.0005827
Const	$4.158\text{e-}06 \pm 7.304\text{e-}07$

Scan 1: X-plane BCID 2371

χ^2 / ndf	17.58 / 19
Σ	$0.1255 \pm 3.521\text{e-}07$
σ_1 / σ_2	1.003 ± 5.984
Amp	$0.002719 \pm 1.212\text{e-}08$
Frac	1 ± 0.1646
Mean	$-0.002582 \pm 5.814\text{e-}07$
Const	$5.594\text{e-}06 \pm 5.35\text{e-}10$

CMS Preliminary
VdM Scan: Fill 4266



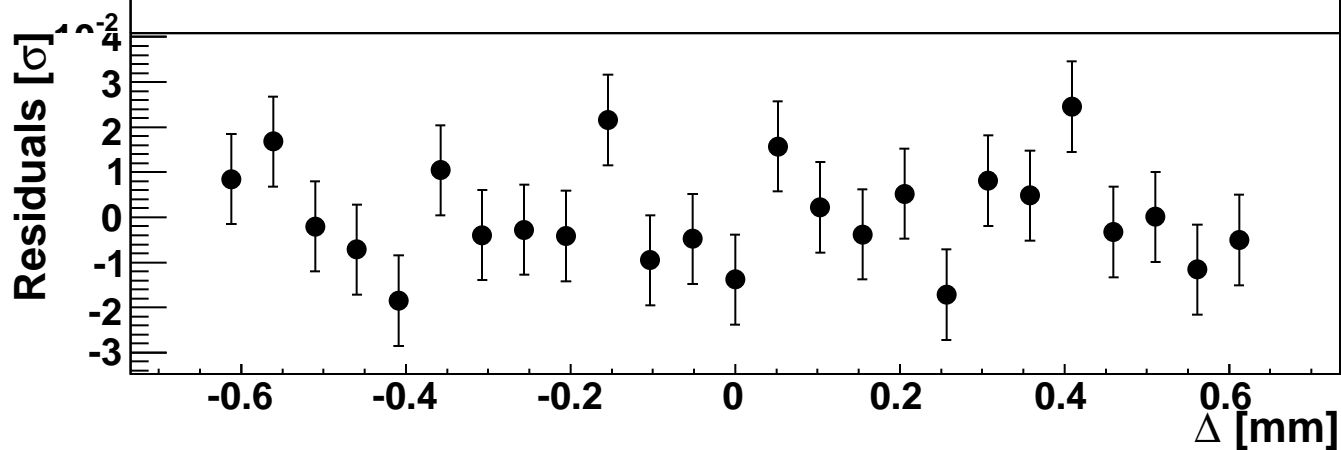
Scan 1: X-plane BCID 2411

L / (N1*N2) [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	31.21 / 19
Σ	0.1254 ± 0.0005817
σ_1 / σ_2	1.379 ± 0.1601
Amp	$0.002717 \pm 1.632\text{e-}05$
Frac	0.1064 ± 0.1049
Mean	-0.003191 ± 0.0005274
Const	$4.16\text{e-}06 \pm 9.471\text{e-}07$



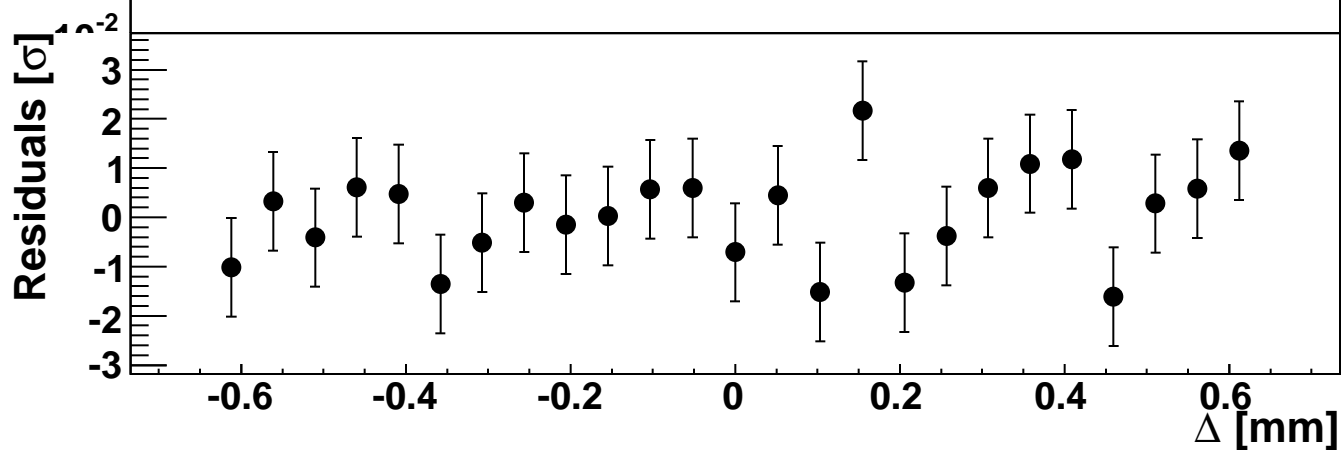
Scan 1: X-plane BCID 2451

L / (N1*N2) [a.u.]

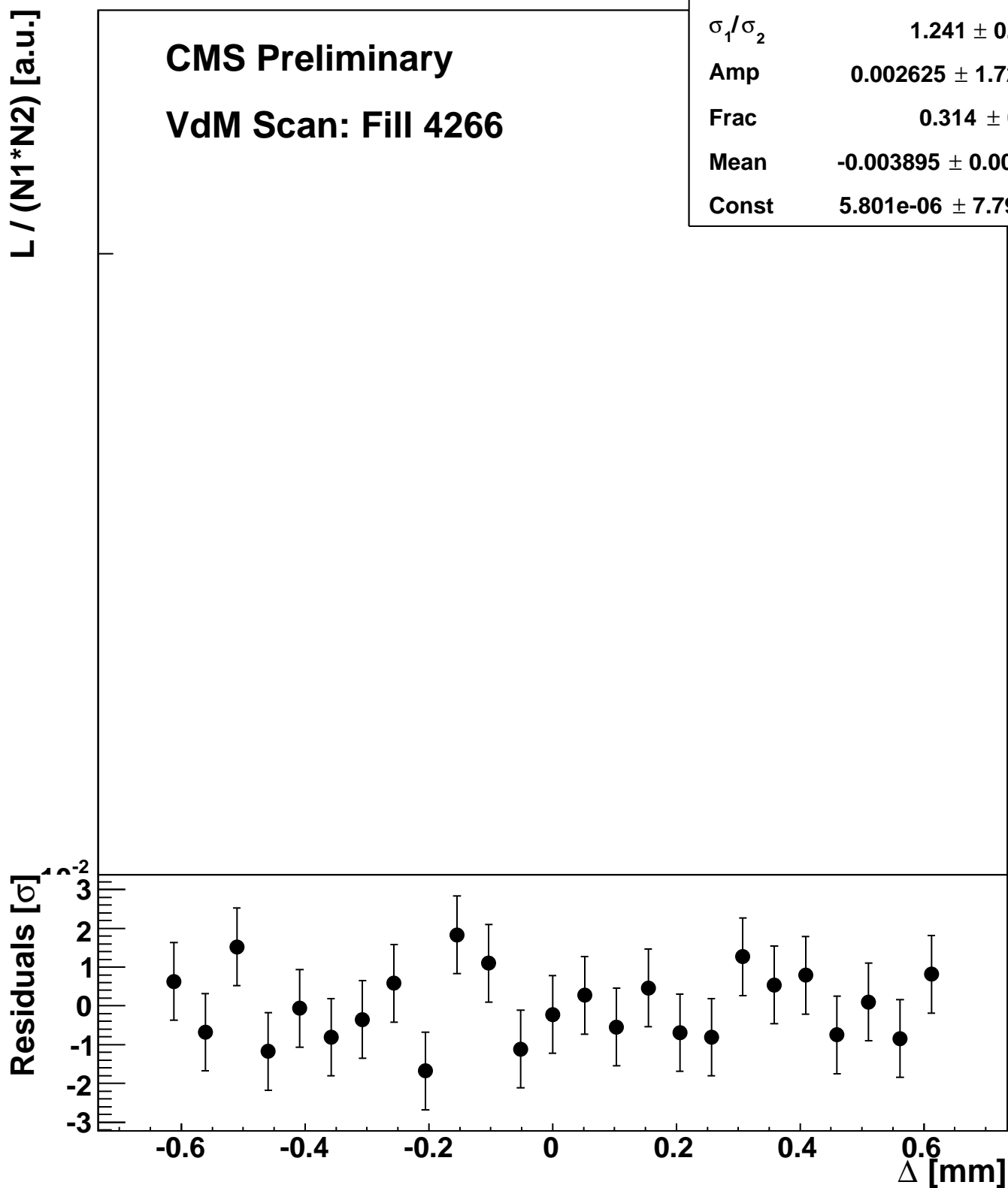
CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	22.12 / 19
Σ	0.1255 ± 0.0006465
σ_1 / σ_2	1.305 ± 0.1193
Amp	$0.002706 \pm 1.913\text{e-}05$
Frac	0.161 ± 0.1744
Mean	-0.005086 ± 0.0005429
Const	$3.432\text{e-}06 \pm 7.131\text{e-}07$



Scan 1: X-plane BCID 251



χ^2 / ndf	20.5 / 19
Σ	0.1281 ± 0.0006323
σ_1 / σ_2	1.241 ± 0.05922
Amp	$0.002625 \pm 1.722\text{e-}05$
Frac	0.314 ± 0.3362
Mean	-0.003895 ± 0.0005667
Const	$5.801\text{e-}06 \pm 7.791\text{e-}07$

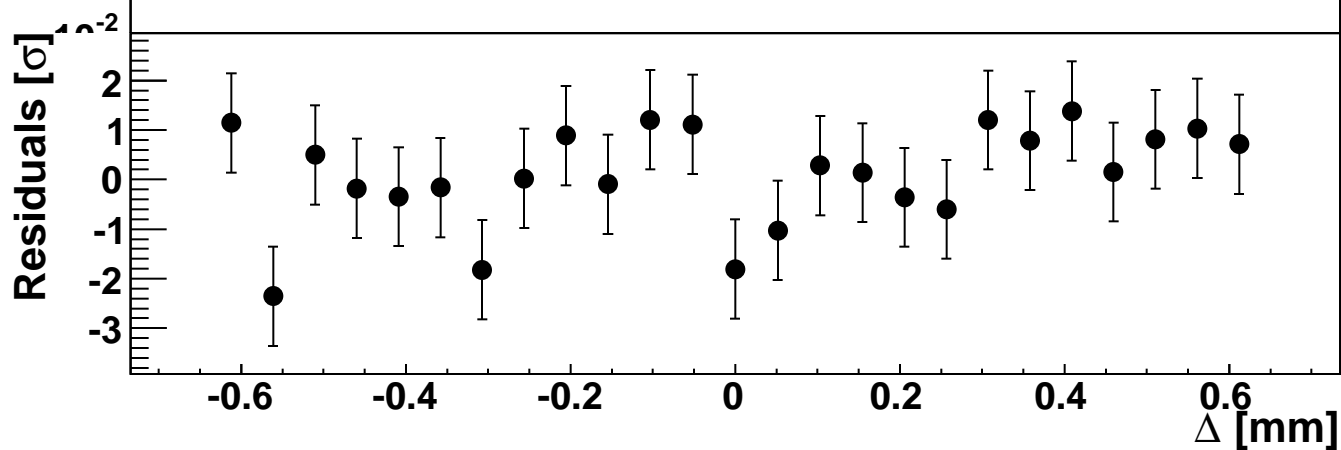
Scan 1: X-plane BCID 2674

L / (N1*N2) [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	25.2 / 19
Σ	0.1223 ± 0.0006235
σ_1 / σ_2	1.666 ± 0.4366
Amp	$0.002895 \pm 1.839\text{e-}05$
Frac	0.02047 ± 0.02384
Mean	-0.005406 ± 0.0005697
Const	$2.445\text{e-}06 \pm 1.353\text{e-}06$



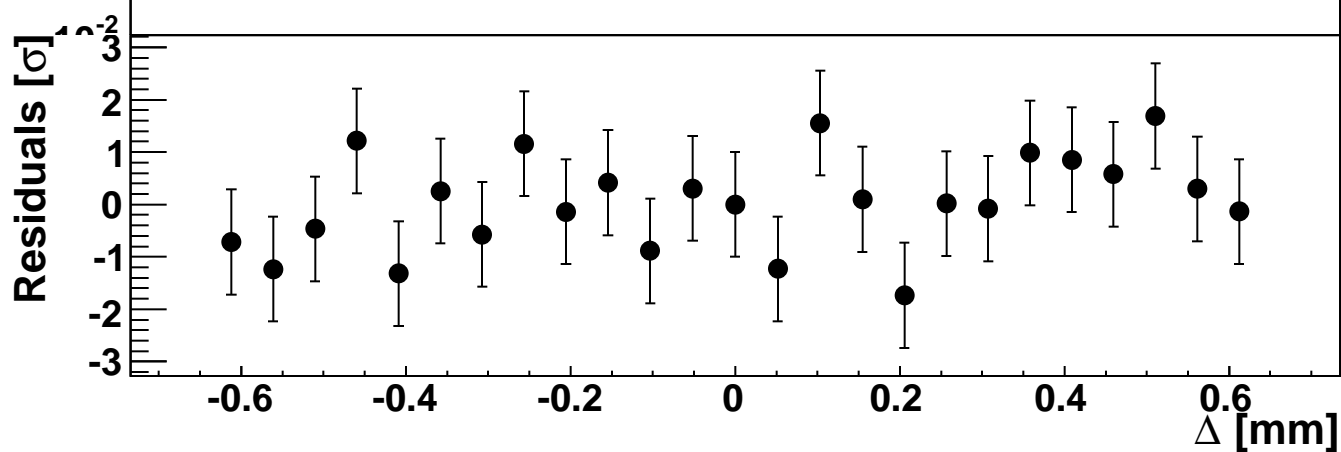
Scan 1: X-plane BCID 291

L / (N1*N2) [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	20.22 / 19
Σ	0.1279 ± 0.001103
σ_1 / σ_2	9.934 ± 6.613
Amp	$0.002634 \pm 2.339\text{e-}05$
Frac	0.9998 ± 0.1017
Mean	-0.003637 ± 0.0005805
Const	$7.39\text{e-}06 \pm 7.335\text{e-}07$



Scan 1: X-plane BCID 51

L / (N1*N2) [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf 31.65 / 19

Σ 0.1285 ± 0.000543

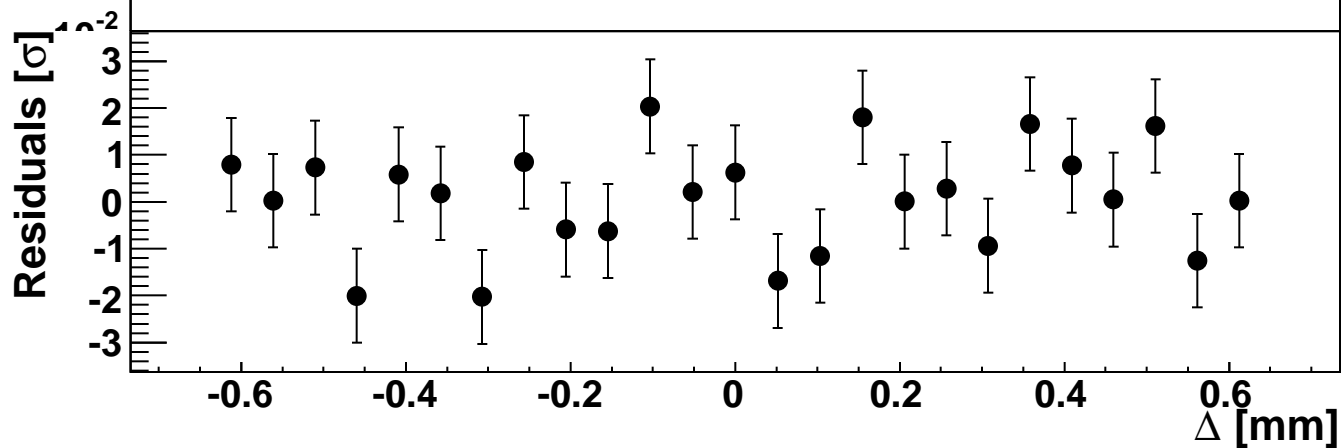
σ_1 / σ_2 1.8 ± 0.373

Amp $0.002631 \pm 1.133\text{e-}05$

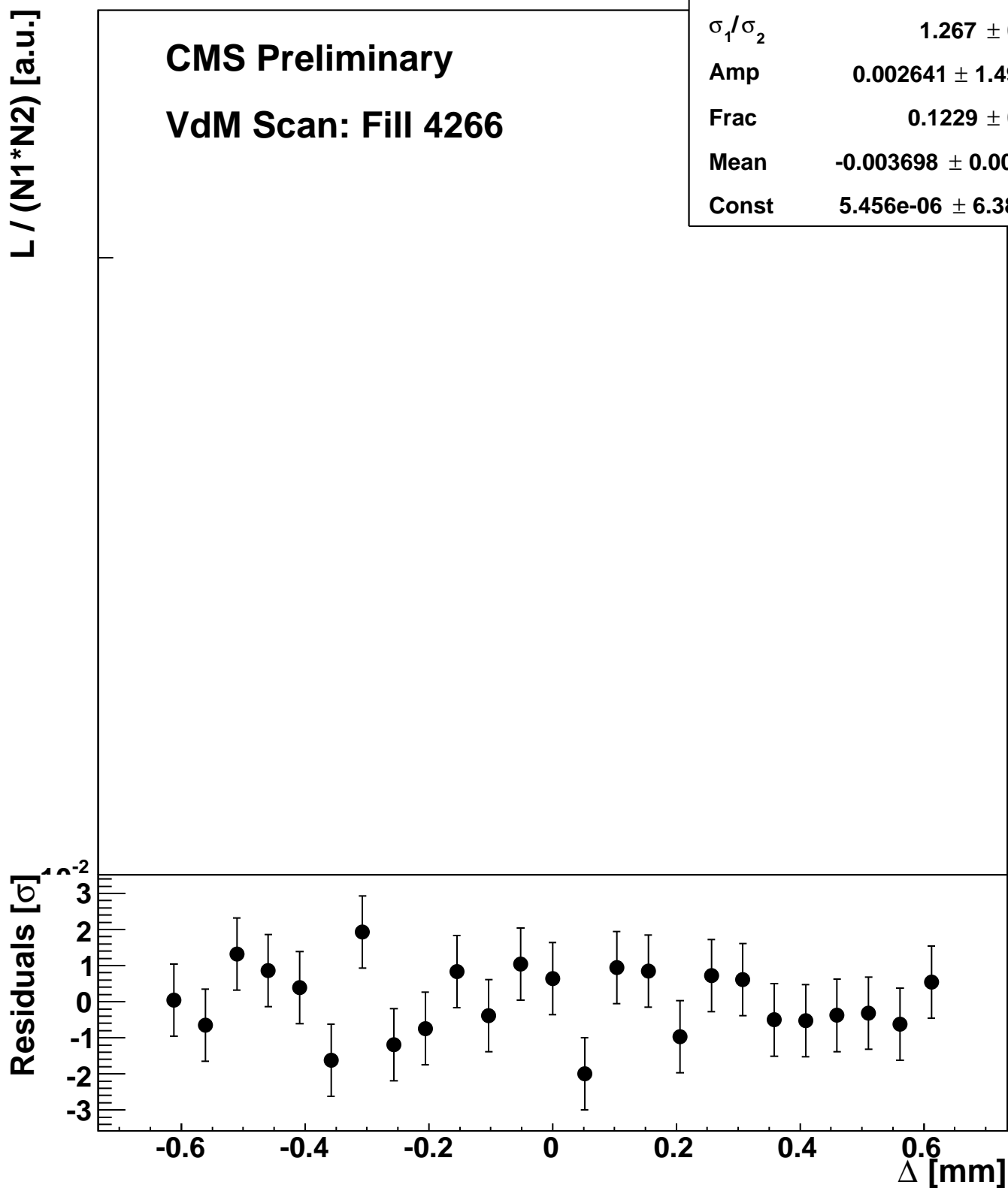
Frac 0.02023 ± 0.01369

Mean -0.004763 ± 0.0004703

Const $1.937\text{e-}06 \pm 1.778\text{e-}06$



Scan 1: X-plane BCID 771



χ^2 / ndf	22.6 / 19
Σ	0.1268 ± 0.0004697
σ_1 / σ_2	1.267 ± 0.1173
Amp	$0.002641 \pm 1.496\text{e-}05$
Frac	0.1229 ± 0.1322
Mean	-0.003698 ± 0.0004733
Const	$5.456\text{e-}06 \pm 6.384\text{e-}07$

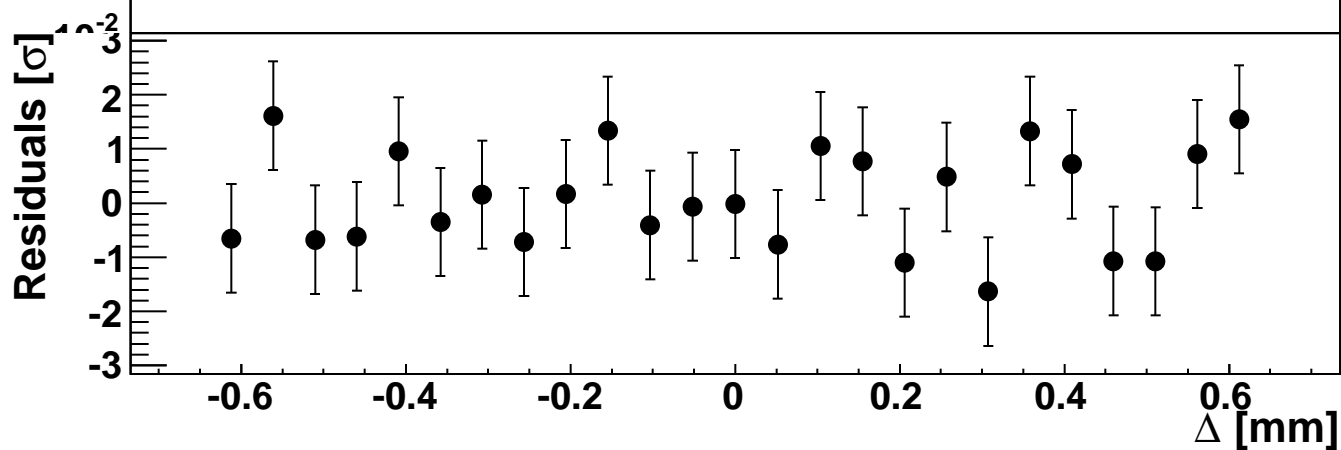
Scan 1: X-plane BCID 811

L / (N1*N2) [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	21.63 / 19
Σ	0.1285 ± 0.0005137
σ_1 / σ_2	1.239 ± 0.04722
Amp	$0.002586 \pm 1.34\text{e-}05$
Frac	0.3037 ± 0.2606
Mean	-0.004041 ± 0.0004862
Const	$3.629\text{e-}06 \pm 6.034\text{e-}07$



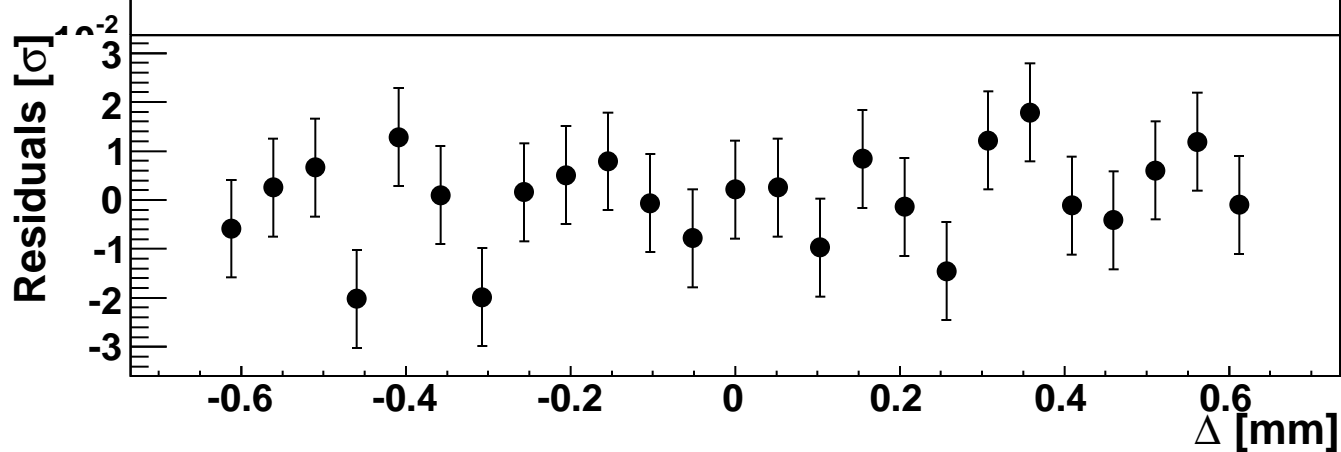
Scan 1: X-plane BCID 851

L / (N1*N2) [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	22.55 / 19
Σ	0.1287 ± 0.0006016
σ_1 / σ_2	1.346 ± 0.3083
Amp	$0.002573 \pm 1.581\text{e-}05$
Frac	0.0778 ± 0.149
Mean	-0.004111 ± 0.0005195
Const	$4.341\text{e-}06 \pm 9.697\text{e-}07$



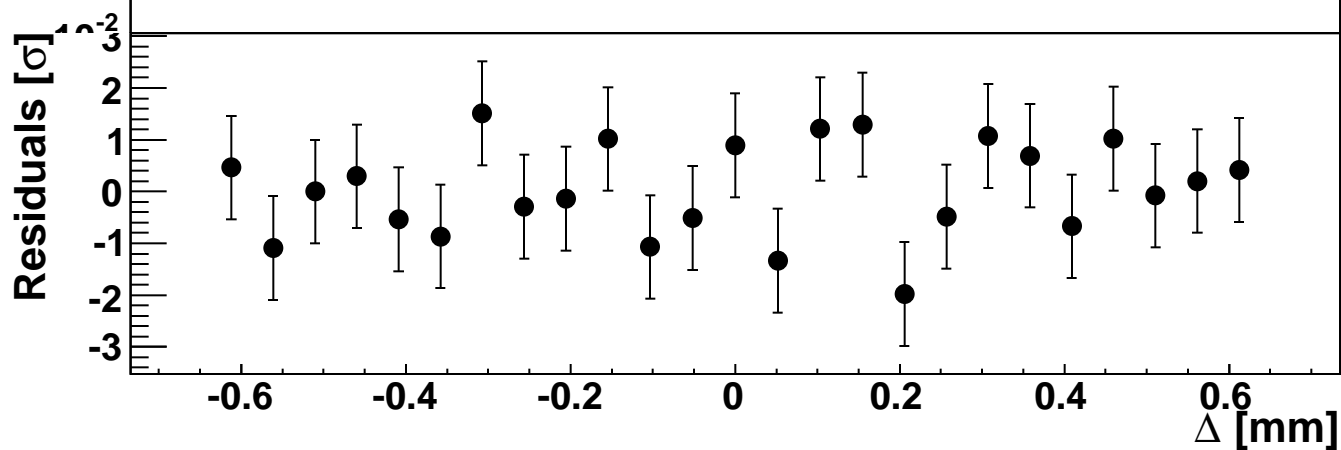
Scan 1: X-plane BCID 891

L / (N1*N2) [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

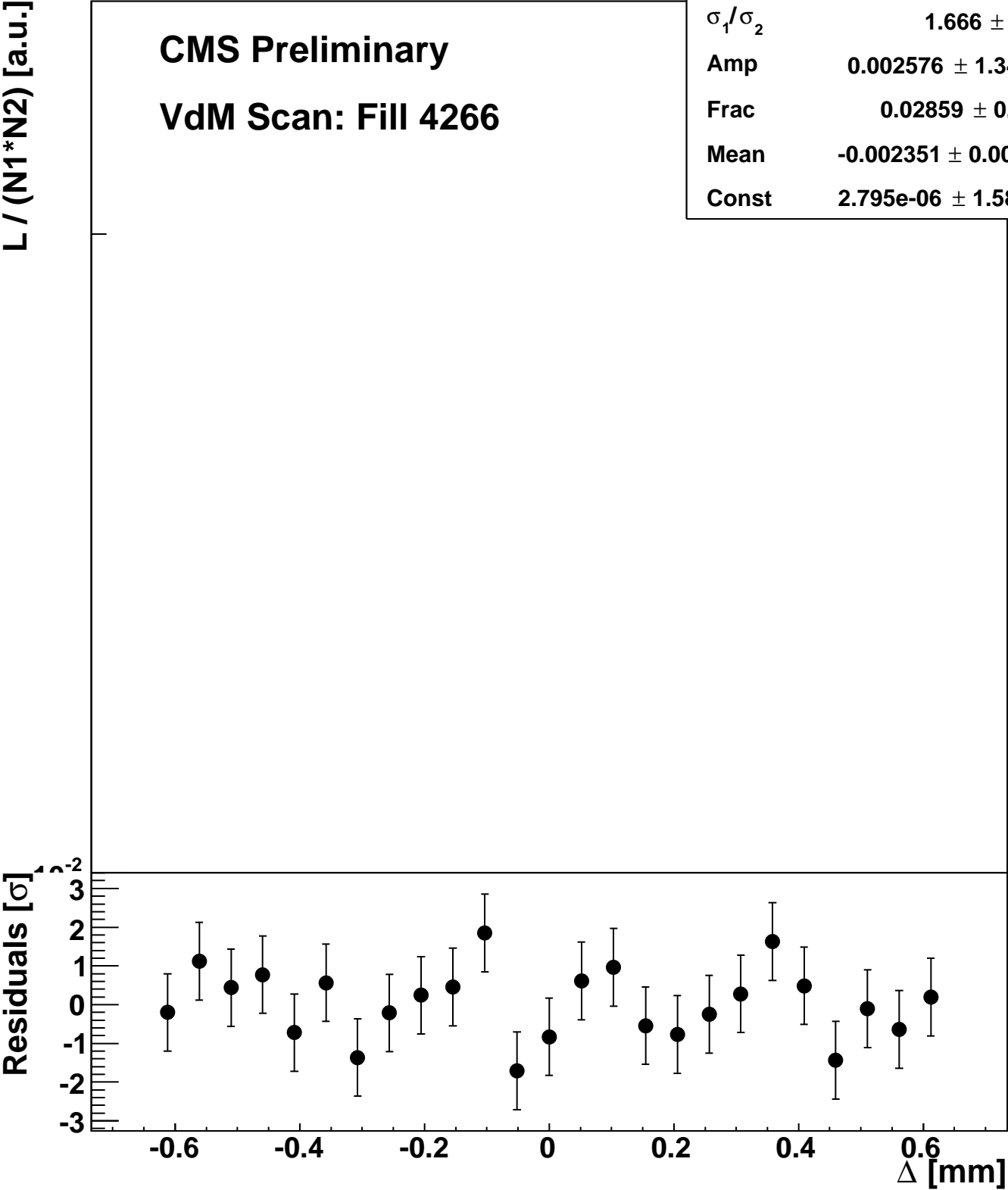
χ^2 / ndf	20.51 / 19
Σ	0.1279 ± 0.0006056
σ_1 / σ_2	1.198 ± 0.03421
Amp	$0.002639 \pm 1.65\text{e-}05$
Frac	0.4415 ± 0.7681
Mean	-0.004178 ± 0.0005411
Const	$5.775\text{e-}06 \pm 8.712\text{e-}07$



Scan 1: X-plane BCID 91

χ^2 / ndf	19.86 / 19
Σ	0.1297 ± 0.0005735
σ_1 / σ_2	1.666 ± 0.3401
Amp	$0.002576 \pm 1.341\text{e-}05$
Frac	0.02859 ± 0.02474
Mean	-0.002351 ± 0.0005277
Const	$2.795\text{e-}06 \pm 1.587\text{e-}06$

CMS Preliminary
VdM Scan: Fill 4266



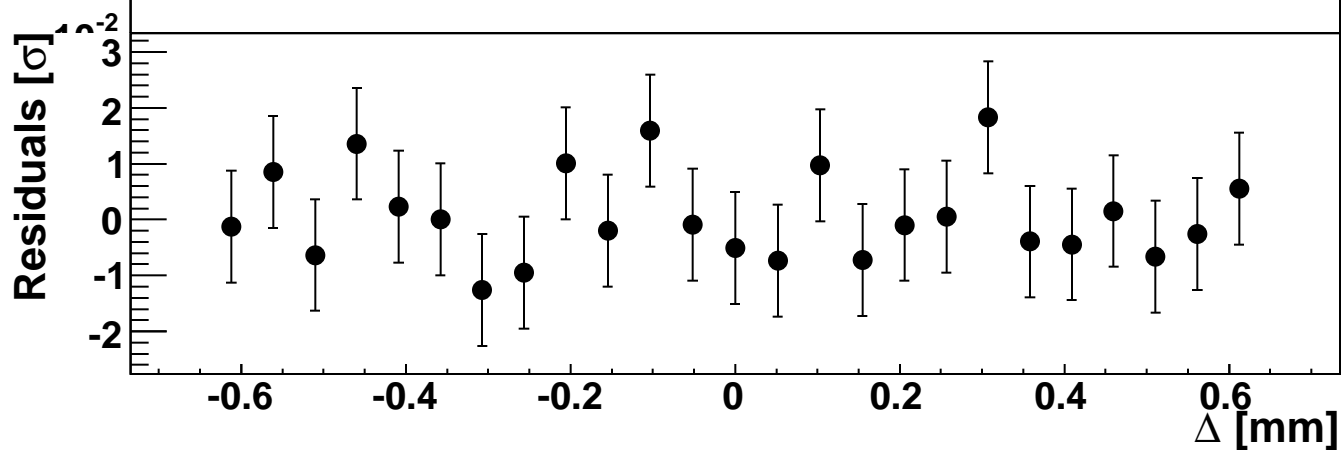
Scan 1: X-plane BCID 931

L / (N1*N2) [a.u.]

CMS Preliminary

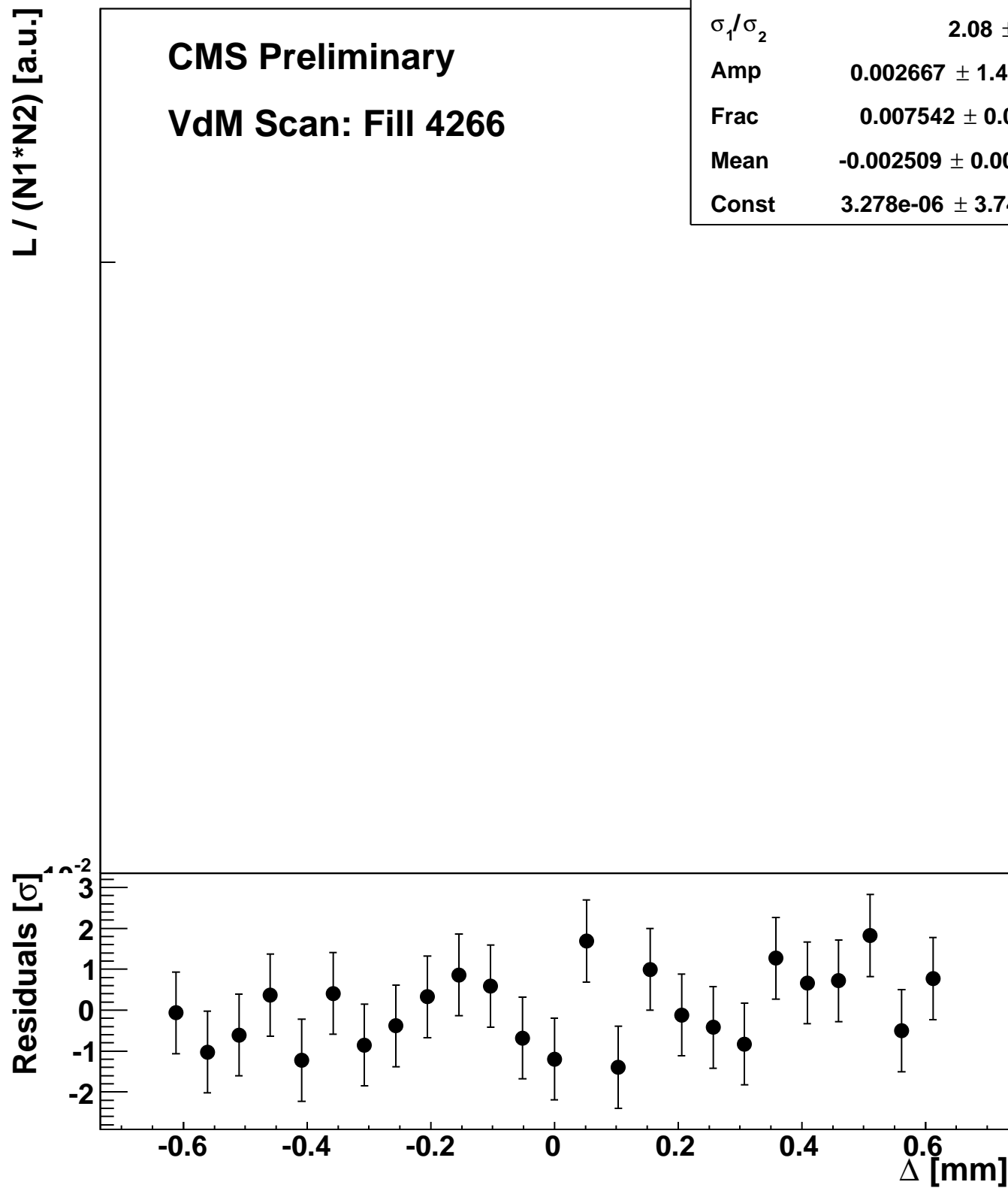
VdM Scan: Fill 4266

χ^2 / ndf	15.95 / 19
Σ	0.1268 ± 0.0005292
σ_1 / σ_2	1.66 ± 0.7386
Amp	$0.002678 \pm 1.274\text{e-}05$
Frac	0.01232 ± 0.02233
Mean	-0.004537 ± 0.0005062
Const	$2.867\text{e-}06 \pm 1.532\text{e-}06$

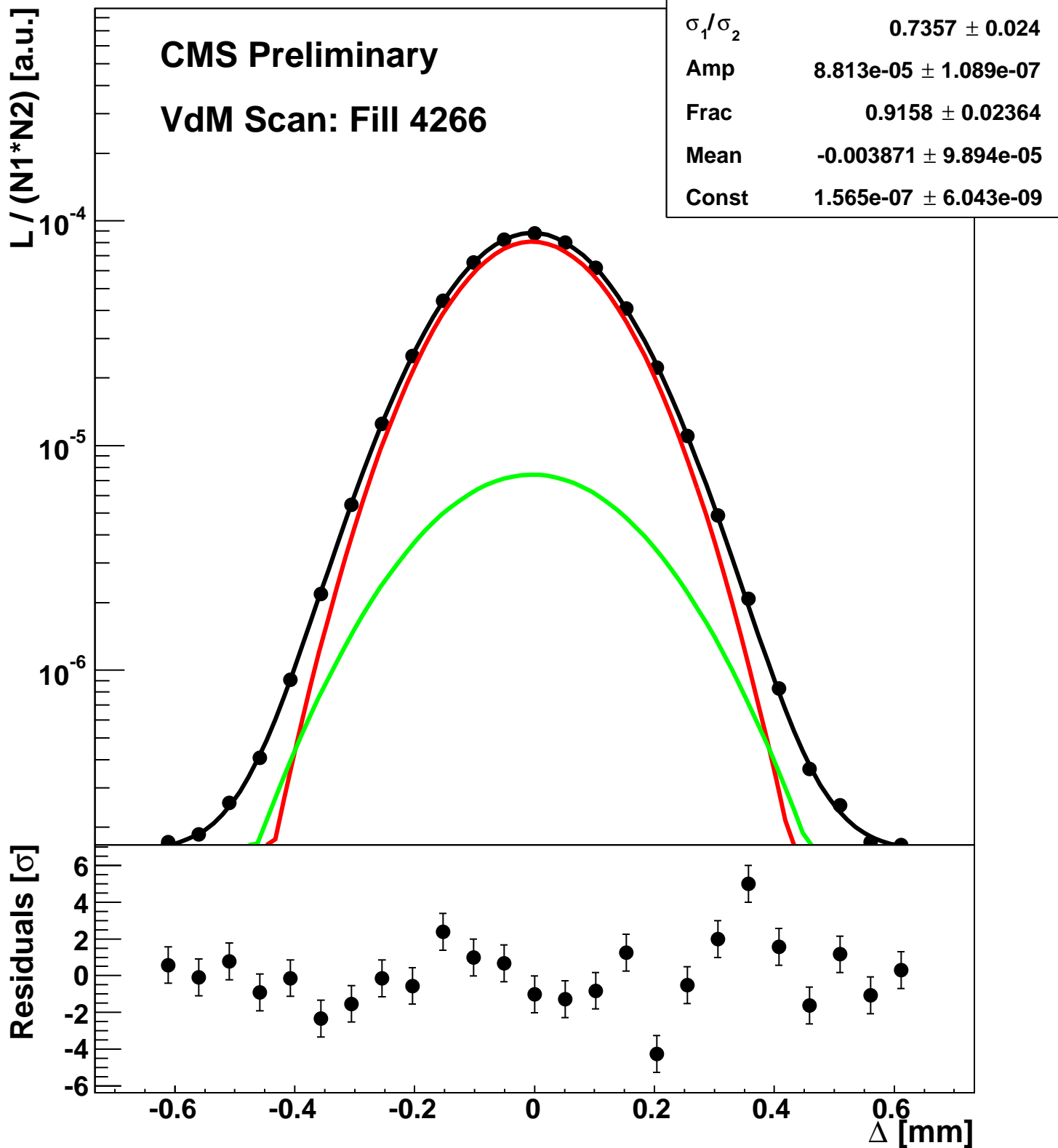


Scan 1: X-plane BCID 971

χ^2 / ndf	20.61 / 19
Σ	0.1275 ± 0.0008596
σ_1 / σ_2	2.08 ± 1.322
Amp	$0.002667 \pm 1.412\text{e-}05$
Frac	0.007542 ± 0.009623
Mean	-0.002509 ± 0.0005374
Const	$3.278\text{e-}06 \pm 3.748\text{e-}06$

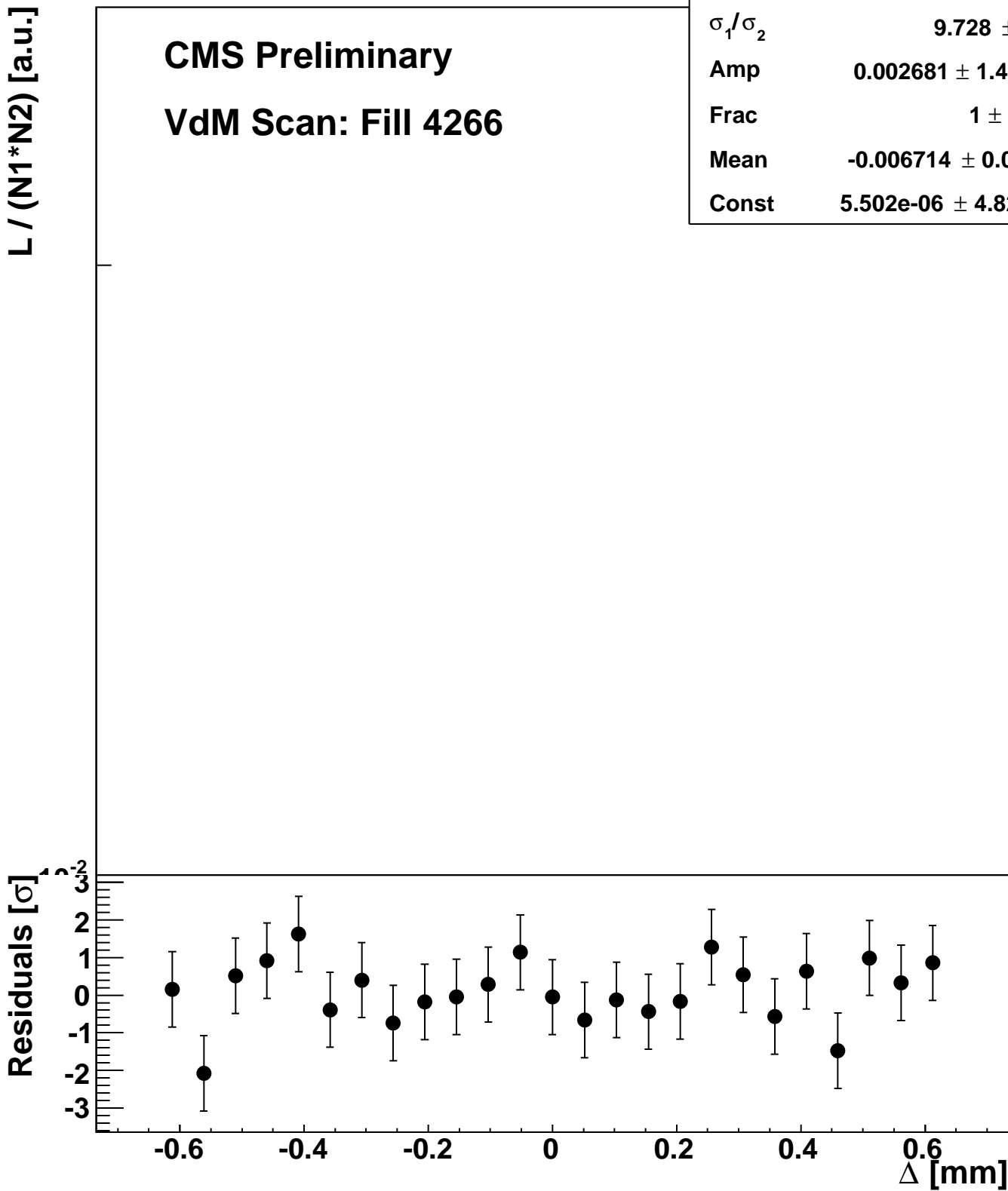


Scan 1: X-plane BCID sum



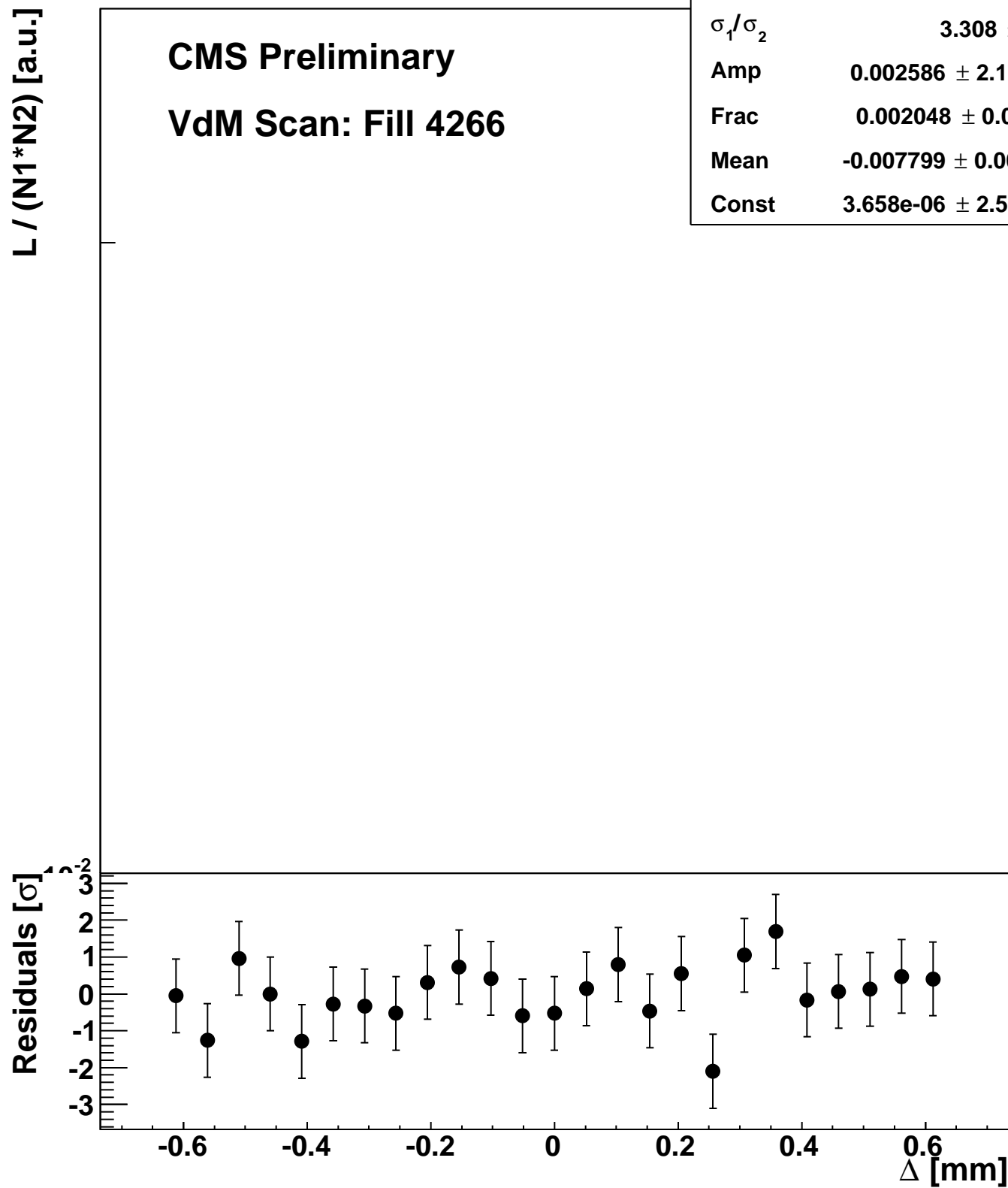
Scan 2: Y-plane BCID 1011

χ^2 / ndf	17.64 / 19
Σ	0.1173 ± 0.0003828
σ_1 / σ_2	9.728 ± 7.723
Amp	$0.002681 \pm 1.415\text{e-}05$
Frac	1 ± 0.1004
Mean	-0.006714 ± 0.000514
Const	$5.502\text{e-}06 \pm 4.823\text{e-}07$



Scan 2: Y-plane BCID 131

χ^2 / ndf	16.04 / 19
Σ	0.1194 ± 0.004657
σ_1 / σ_2	3.308 ± 6.28
Amp	$0.002586 \pm 2.172\text{e-}05$
Frac	0.002048 ± 0.003746
Mean	-0.007799 ± 0.0005611
Const	$3.658\text{e-}06 \pm 2.512\text{e-}05$



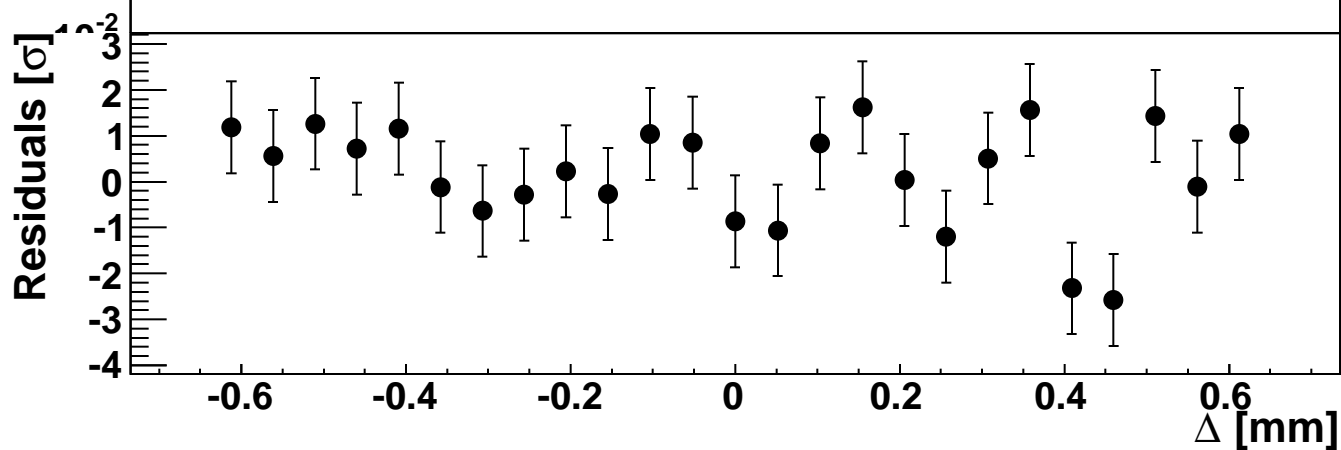
Scan 2: Y-plane BCID 1631

L / (N1*N2) [a.u.]

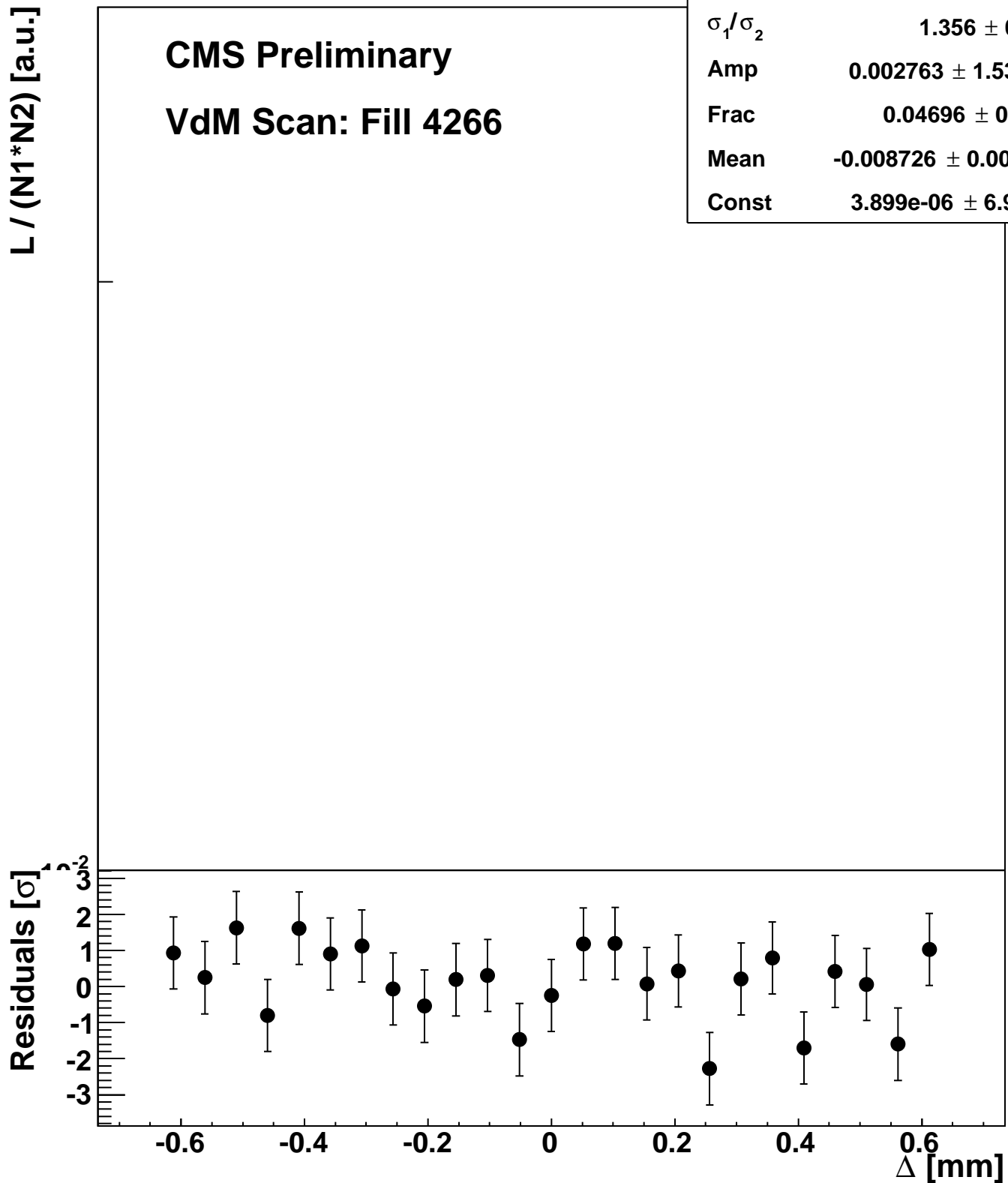
CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	32.04 / 19
Σ	0.1156 ± 0.0003529
σ_1 / σ_2	0.1114 ± 0.003953
Amp	$0.002755 \pm 1.269\text{e-}05$
Frac	$4.016\text{e-}10 \pm 0.006198$
Mean	-0.007213 ± 0.0004926
Const	$4.129\text{e-}06 \pm 4.36\text{e-}07$

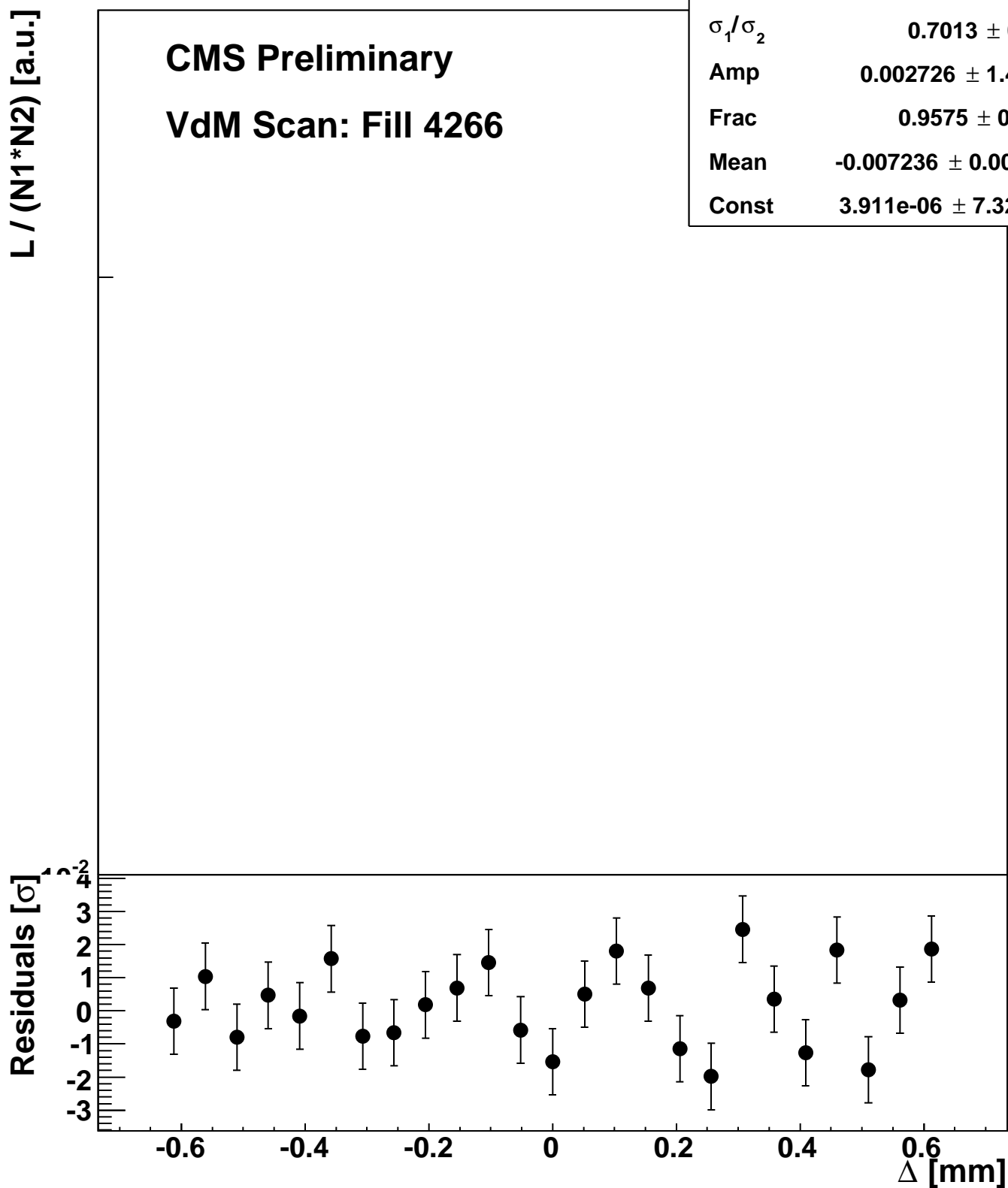


Scan 2: Y-plane BCID 1671



χ^2 / ndf	27.1 / 19
Σ	0.1159 ± 0.0004978
σ_1 / σ_2	1.356 ± 0.3465
Amp	$0.002763 \pm 1.531\text{e-}05$
Frac	0.04696 ± 0.09951
Mean	-0.008726 ± 0.0005266
Const	$3.899\text{e-}06 \pm 6.94\text{e-}07$

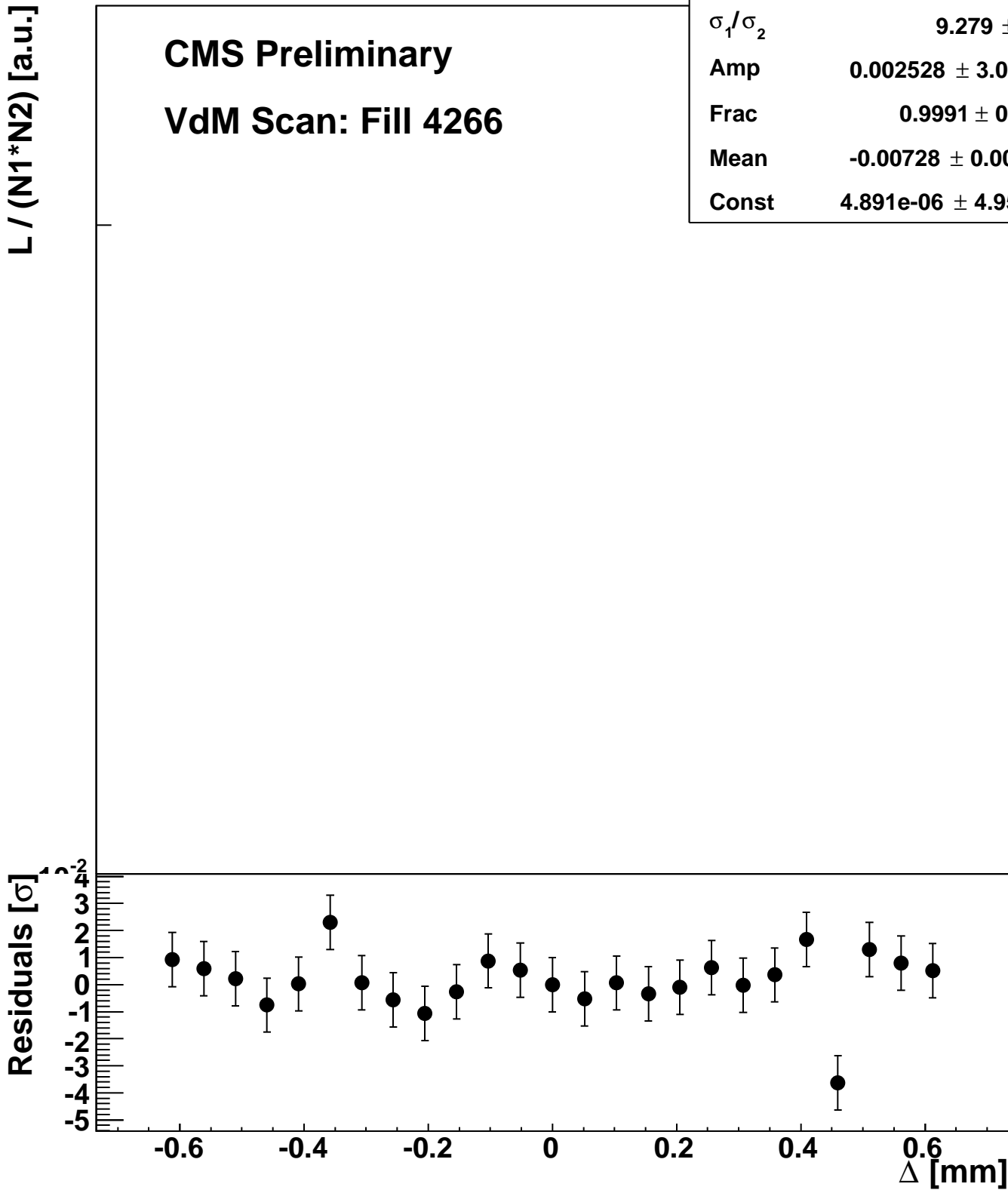
Scan 2: Y-plane BCID 1711



χ^2 / ndf	37.99 / 19
Σ	0.1154 ± 0.0004609
σ_1 / σ_2	0.7013 ± 0.1165
Amp	$0.002726 \pm 1.49\text{e-}05$
Frac	0.9575 ± 0.05031
Mean	-0.007236 ± 0.0005296
Const	$3.911\text{e-}06 \pm 7.322\text{e-}07$

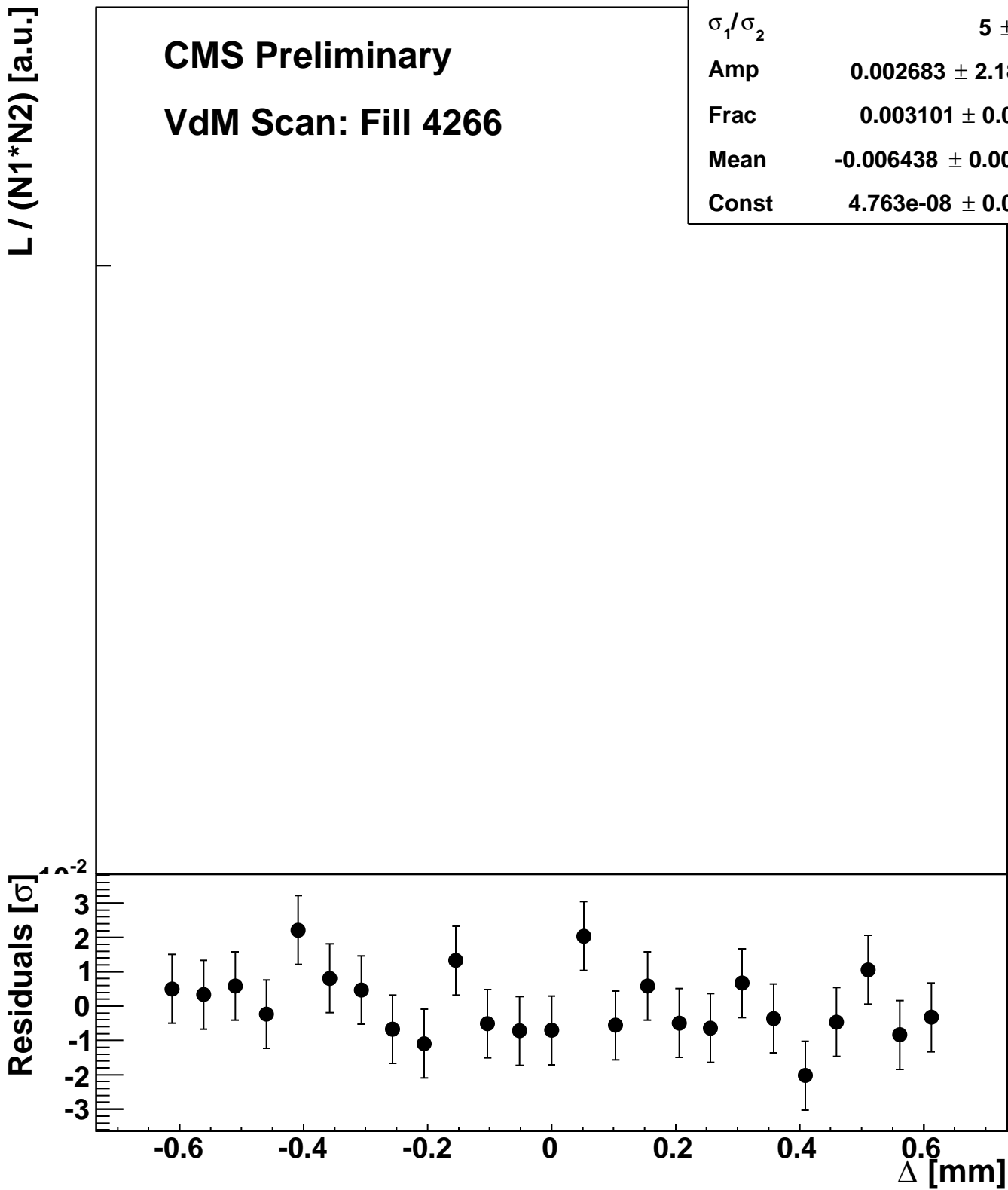
Scan 2: Y-plane BCID 171

χ^2 / ndf	29.14 / 19
Σ	0.12 ± 0.001415
σ_1 / σ_2	9.279 ± 5.465
Amp	$0.002528 \pm 3.069\text{e-}05$
Frac	0.9991 ± 0.05355
Mean	-0.00728 ± 0.0005808
Const	$4.891\text{e-}06 \pm 4.956\text{e-}07$



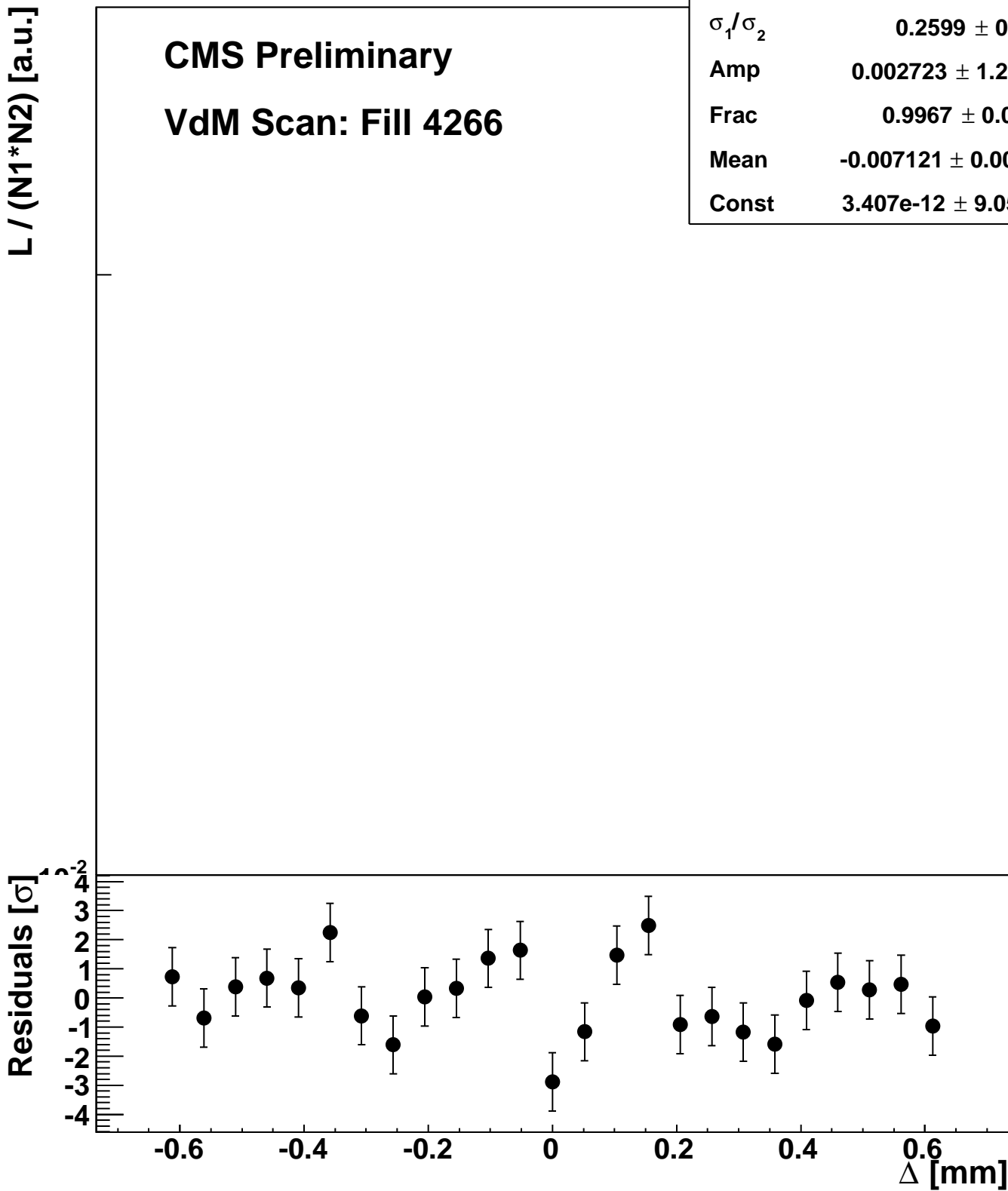
Scan 2: Y-plane BCID 1751

χ^2 / ndf	23.48 / 19
Σ	0.1179 ± 0.004772
σ_1 / σ_2	5 ± 7.363
Amp	$0.002683 \pm 2.186\text{e-}05$
Frac	0.003101 ± 0.004972
Mean	-0.006438 ± 0.0005945
Const	$4.763\text{e-}08 \pm 0.001112$



Scan 2: Y-plane BCID 1791

χ^2 / ndf	39.11 / 19
Σ	0.1176 ± 0.000408
σ_1 / σ_2	0.2599 ± 0.05967
Amp	$0.002723 \pm 1.262\text{e-}05$
Frac	0.9967 ± 0.001066
Mean	-0.007121 ± 0.0004806
Const	$3.407\text{e-}12 \pm 9.058\text{e-}06$



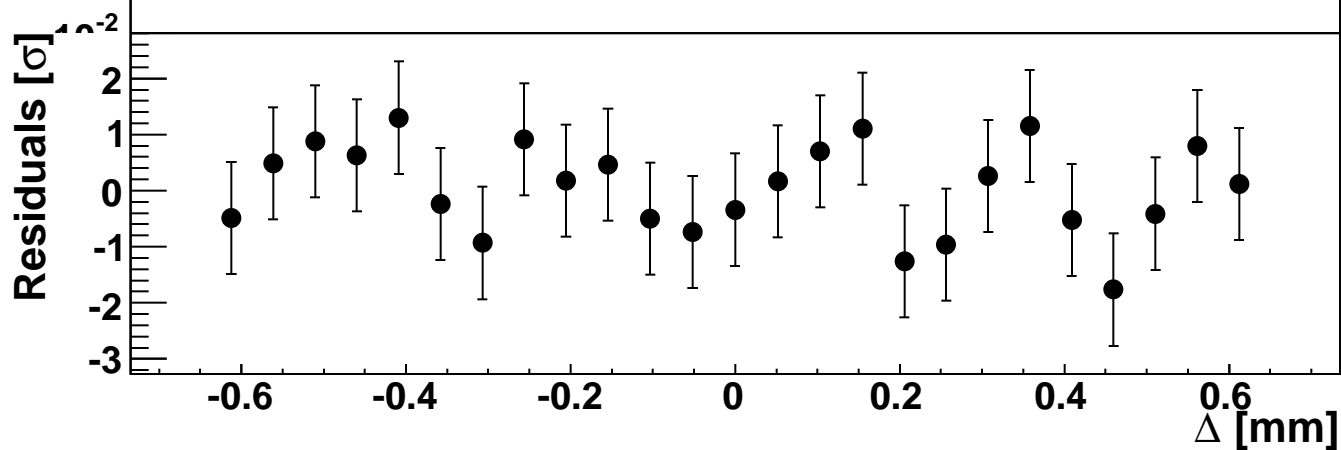
Scan 2: Y-plane BCID 1831

L / (N1*N2) [a.u.]

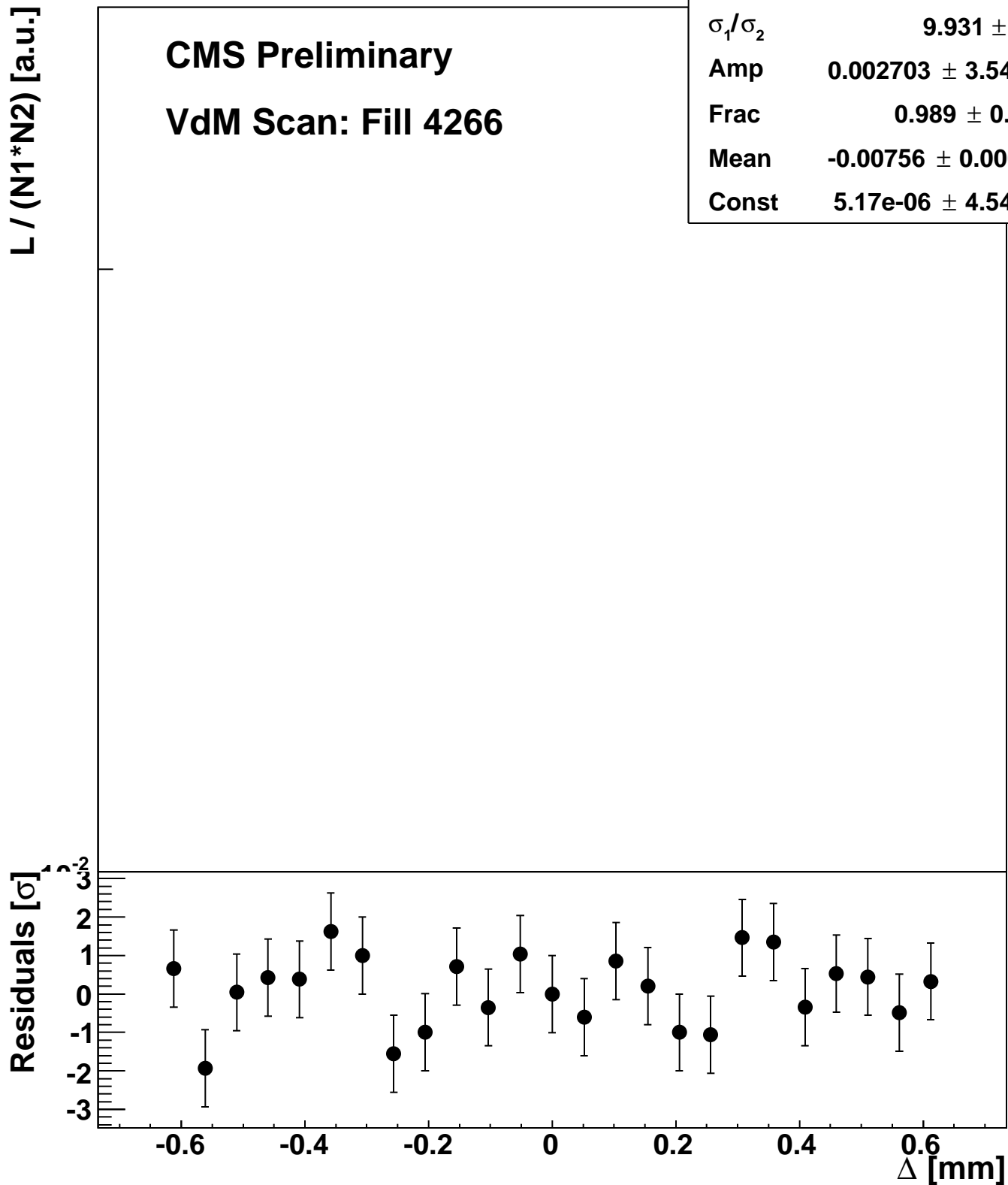
CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	16.08 / 19
Σ	0.1167 ± 0.000599
σ_1 / σ_2	0.5159 ± 0.2152
Amp	$0.002752 \pm 1.636\text{e-}05$
Frac	0.99 ± 0.01336
Mean	-0.007084 ± 0.0005132
Const	$3.366\text{e-}06 \pm 1.799\text{e-}06$



Scan 2: Y-plane BCID 1871



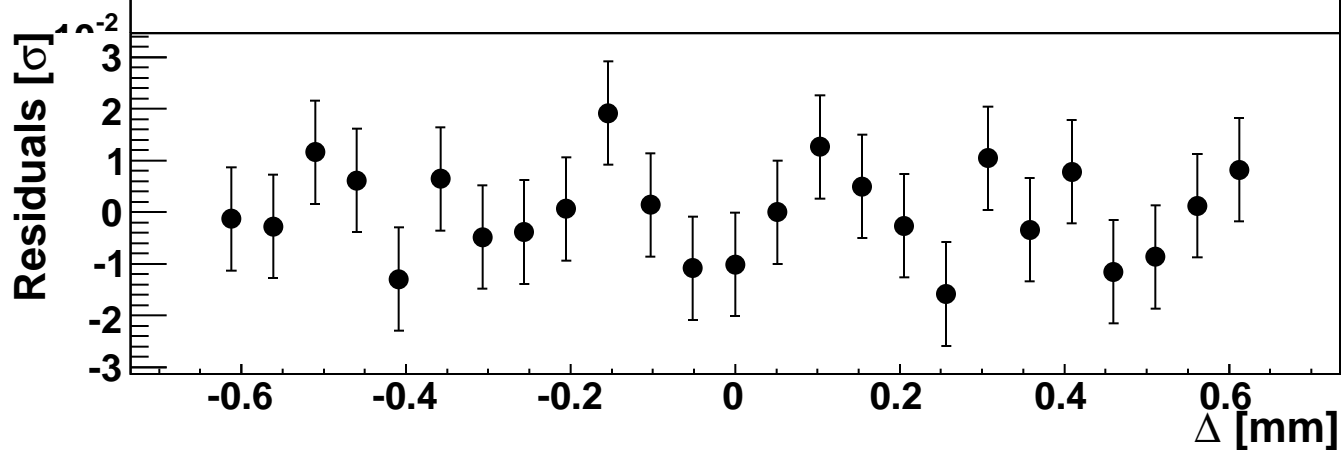
χ^2 / ndf	21.4 / 19
Σ	0.1158 ± 0.001499
σ_1 / σ_2	9.931 ± 6.614
Amp	$0.002703 \pm 3.544\text{e-}05$
Frac	0.989 ± 0.01511
Mean	-0.00756 ± 0.0004755
Const	$5.17\text{e-}06 \pm 4.542\text{e-}07$

Scan 2: Y-plane BCID 1

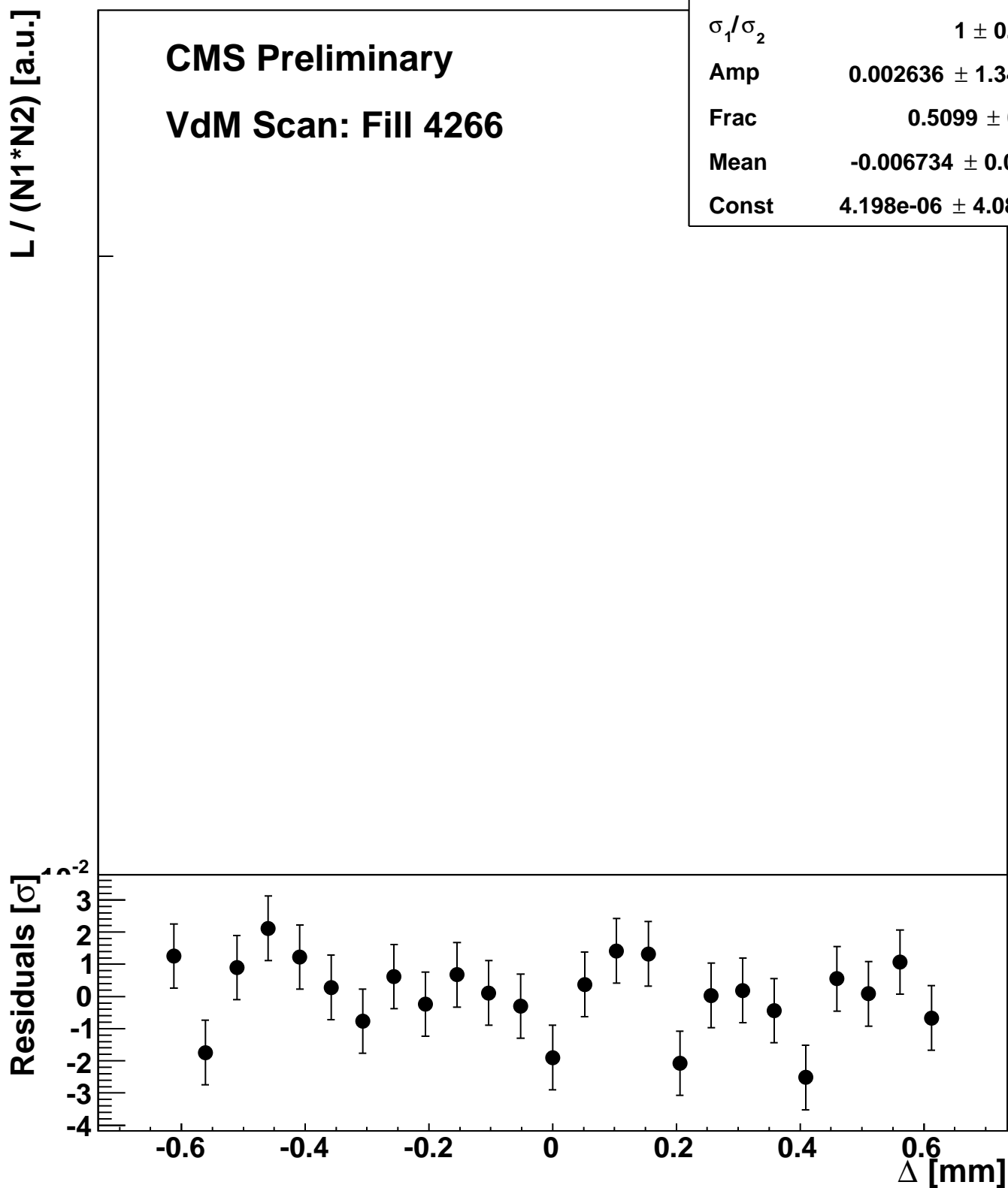
L / (N1*N2) [a.u.]

CMS Preliminary
VdM Scan: Fill 4266

χ^2 / ndf	19.18 / 19
Σ	$0.1401 \pm 1.661\text{e-}08$
σ_1 / σ_2	1.001 ± 7.304
Amp	$0.002073 \pm 4.207\text{e-}10$
Frac	$1.982\text{e-}14 \pm 0.004376$
Mean	$-0.007096 \pm 2.85\text{e-}08$
Const	$4.508\text{e-}06 \pm 2.403\text{e-}11$



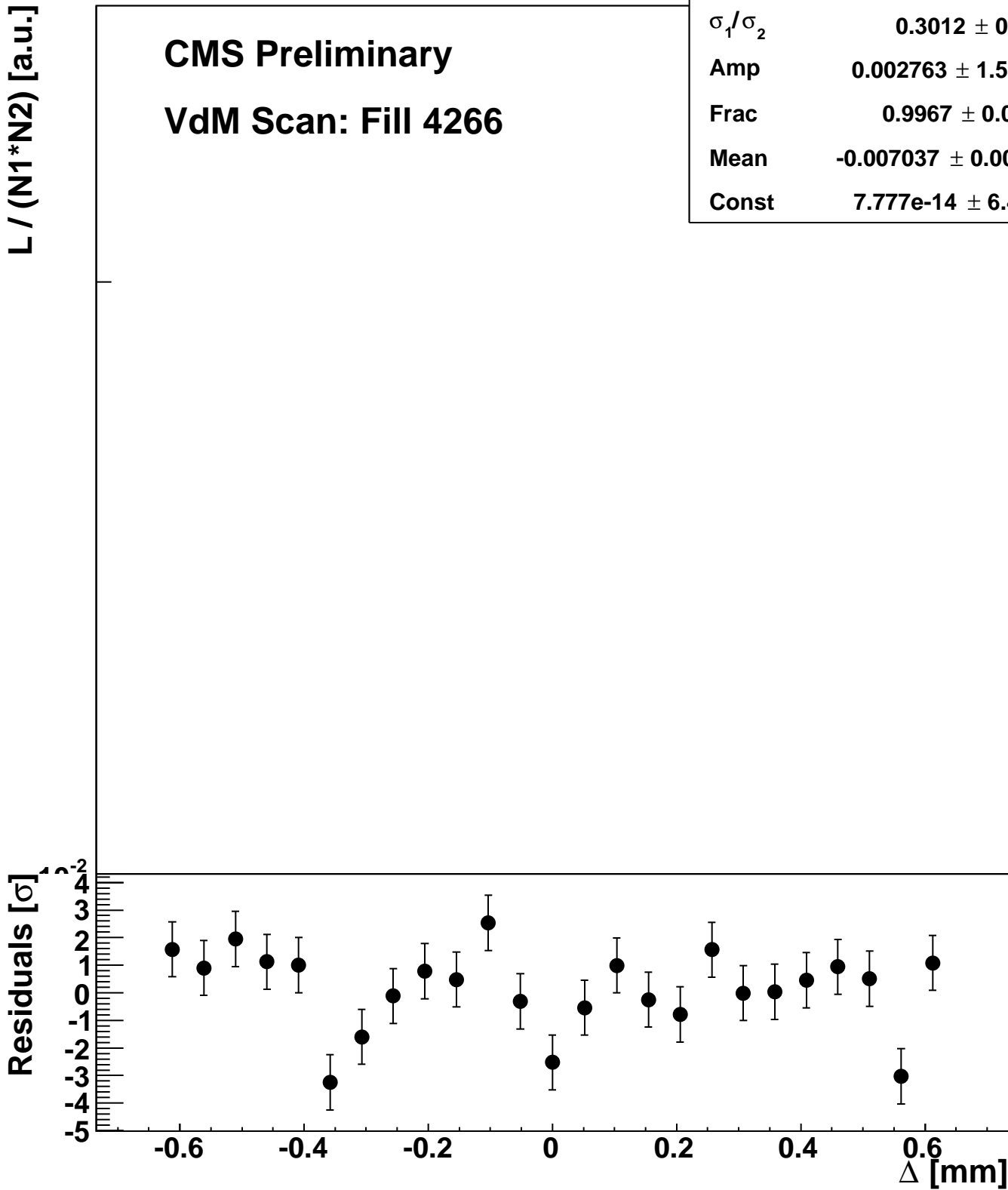
Scan 2: Y-plane BCID 211



χ^2 / ndf	33.34 / 19
Σ	0.1179 ± 0.0003726
σ_1 / σ_2	1 ± 0.05935
Amp	$0.002636 \pm 1.348\text{e-}05$
Frac	0.5099 ± 0.7427
Mean	-0.006734 ± 0.000471
Const	$4.198\text{e-}06 \pm 4.089\text{e-}07$

Scan 2: Y-plane BCID 2211

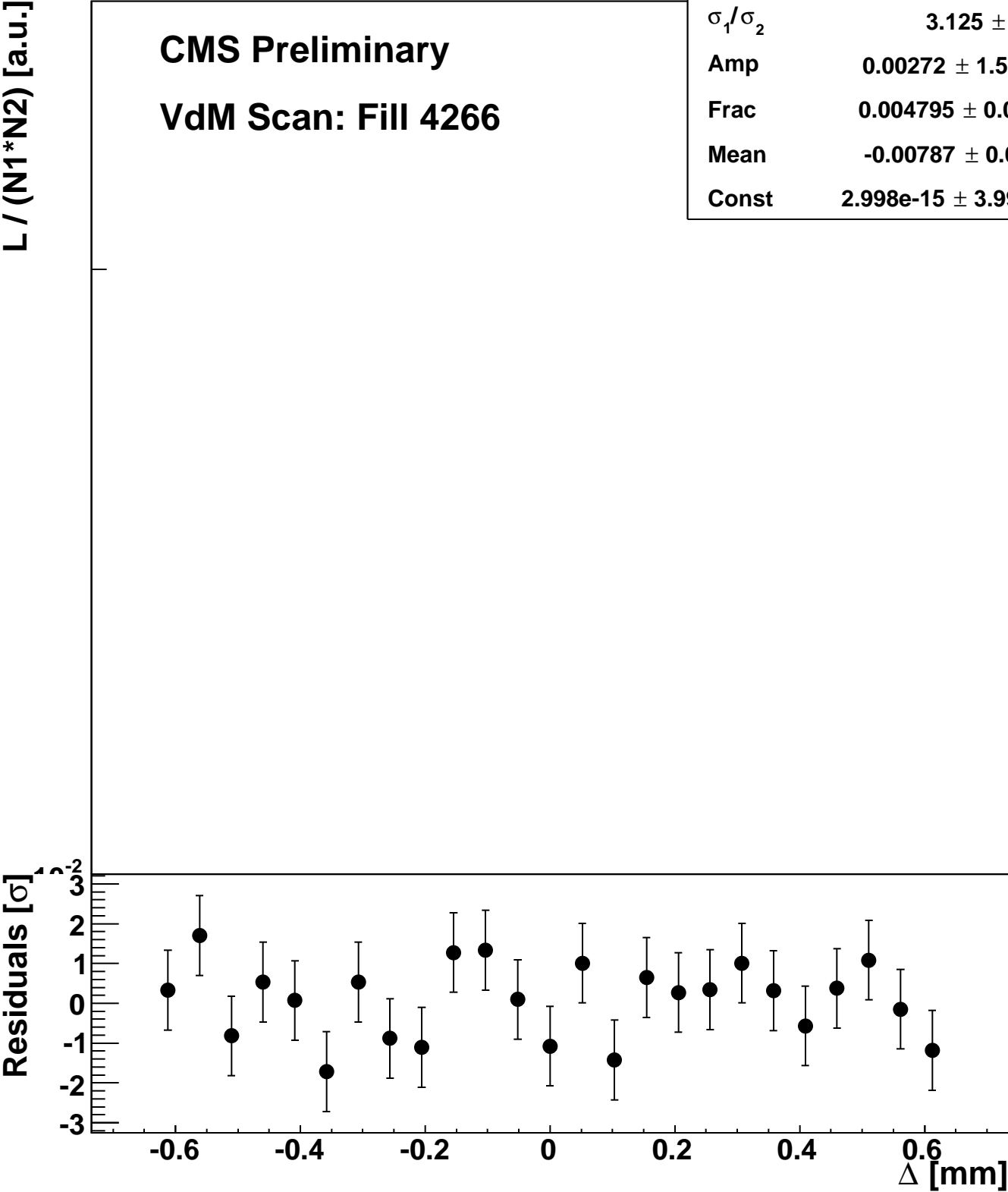
χ^2 / ndf	52.27 / 19
Σ	0.117 ± 0.0004093
σ_1 / σ_2	0.3012 ± 0.05962
Amp	$0.002763 \pm 1.569\text{e-}05$
Frac	0.9967 ± 0.001236
Mean	-0.007037 ± 0.0005075
Const	$7.777\text{e-}14 \pm 6.44\text{e-}06$



Scan 2: Y-plane BCID 2251

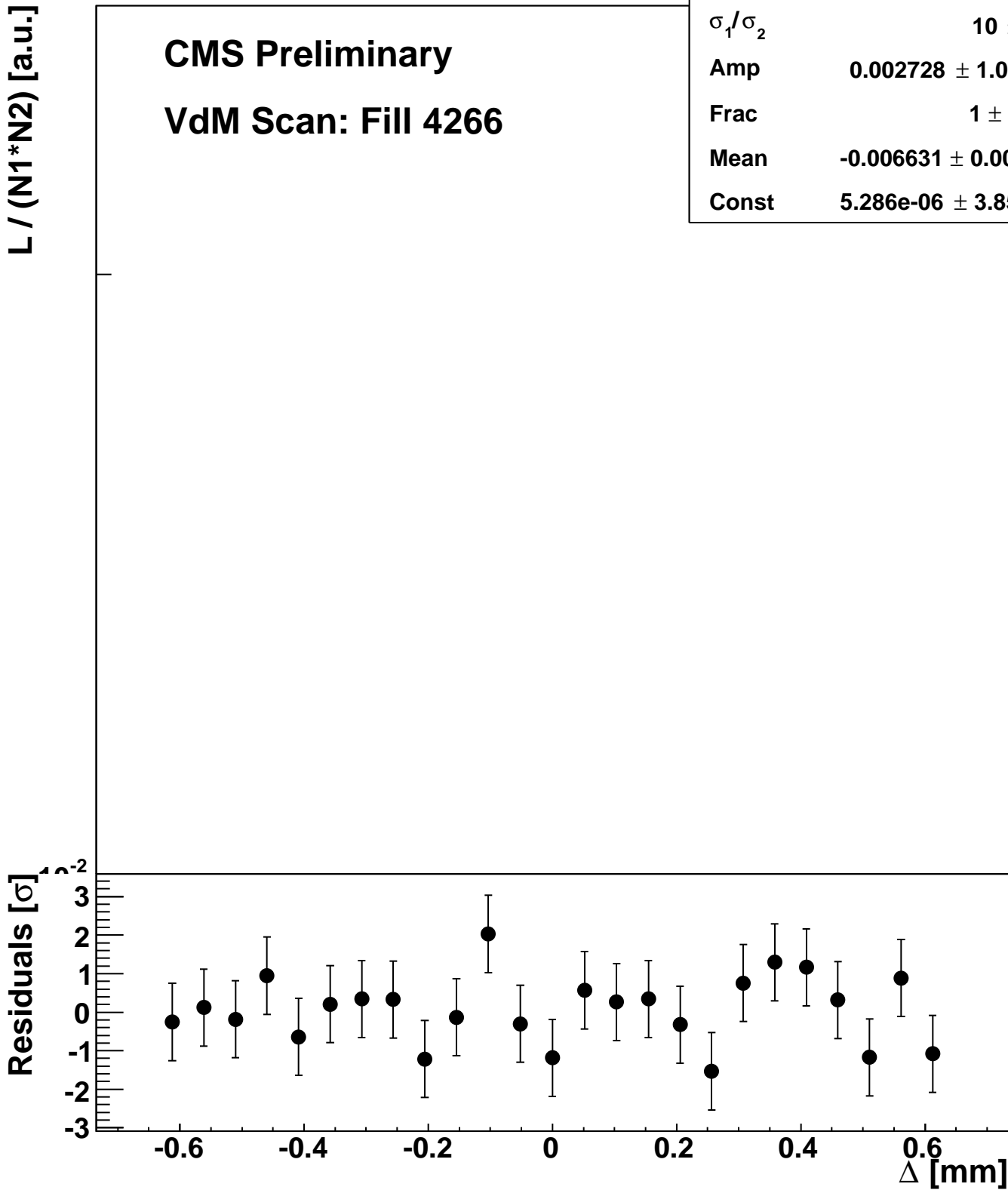
χ^2 / ndf	21.58 / 19
Σ	0.1174 ± 0.0004419
σ_1 / σ_2	3.125 ± 0.4901
Amp	$0.00272 \pm 1.579\text{e-}05$
Frac	0.004795 ± 0.001569
Mean	-0.00787 ± 0.000501
Const	$2.998\text{e-}15 \pm 3.992\text{e-}06$

CMS Preliminary
VdM Scan: Fill 4266



Scan 2: Y-plane BCID 2291

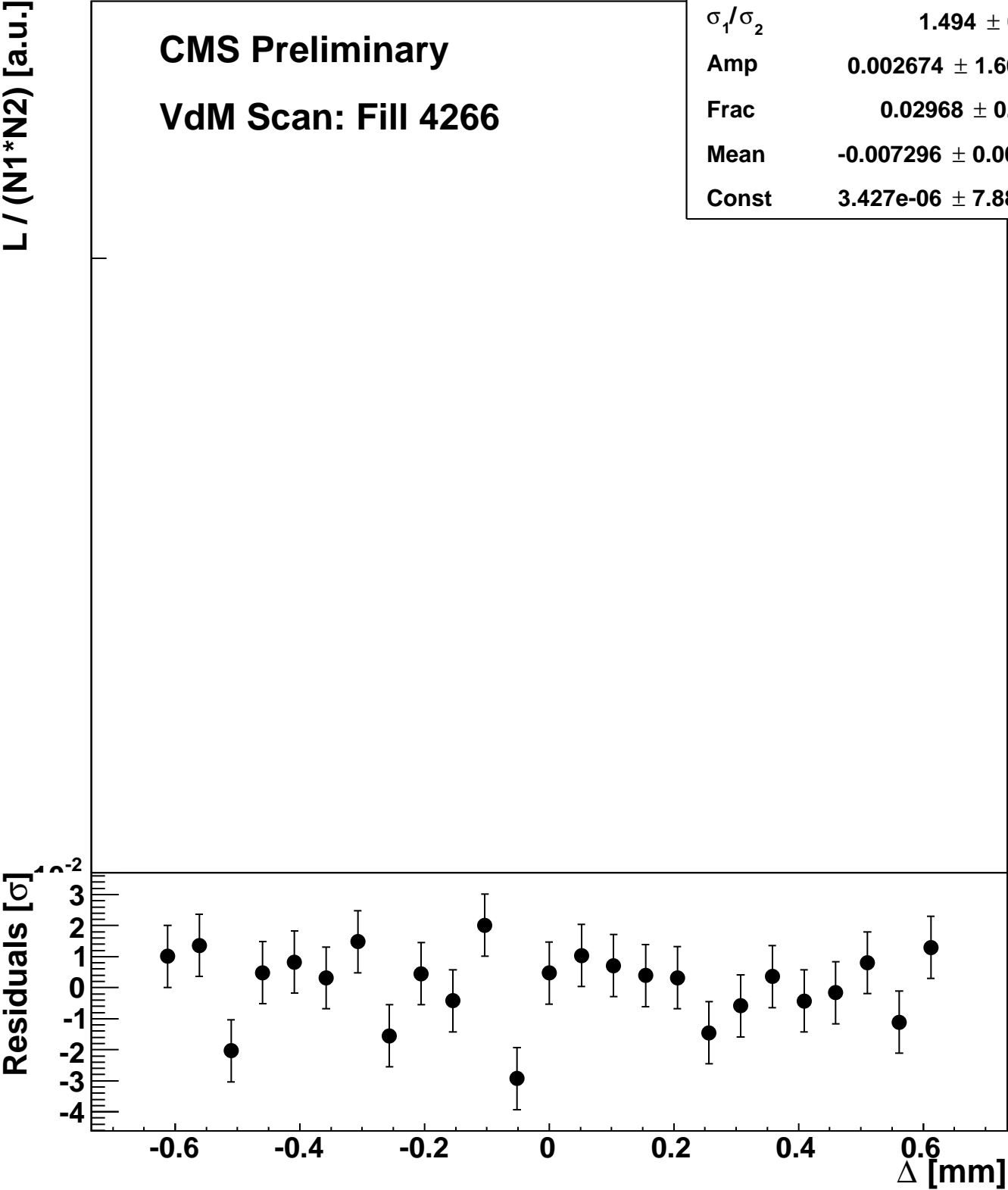
χ^2 / ndf	18.81 / 19
Σ	0.1164 ± 0.0002669
σ_1 / σ_2	10 ± 7.87
Amp	$0.002728 \pm 1.074\text{e-}05$
Frac	1 ± 0.8827
Mean	-0.006631 ± 0.0004133
Const	$5.286\text{e-}06 \pm 3.855\text{e-}07$



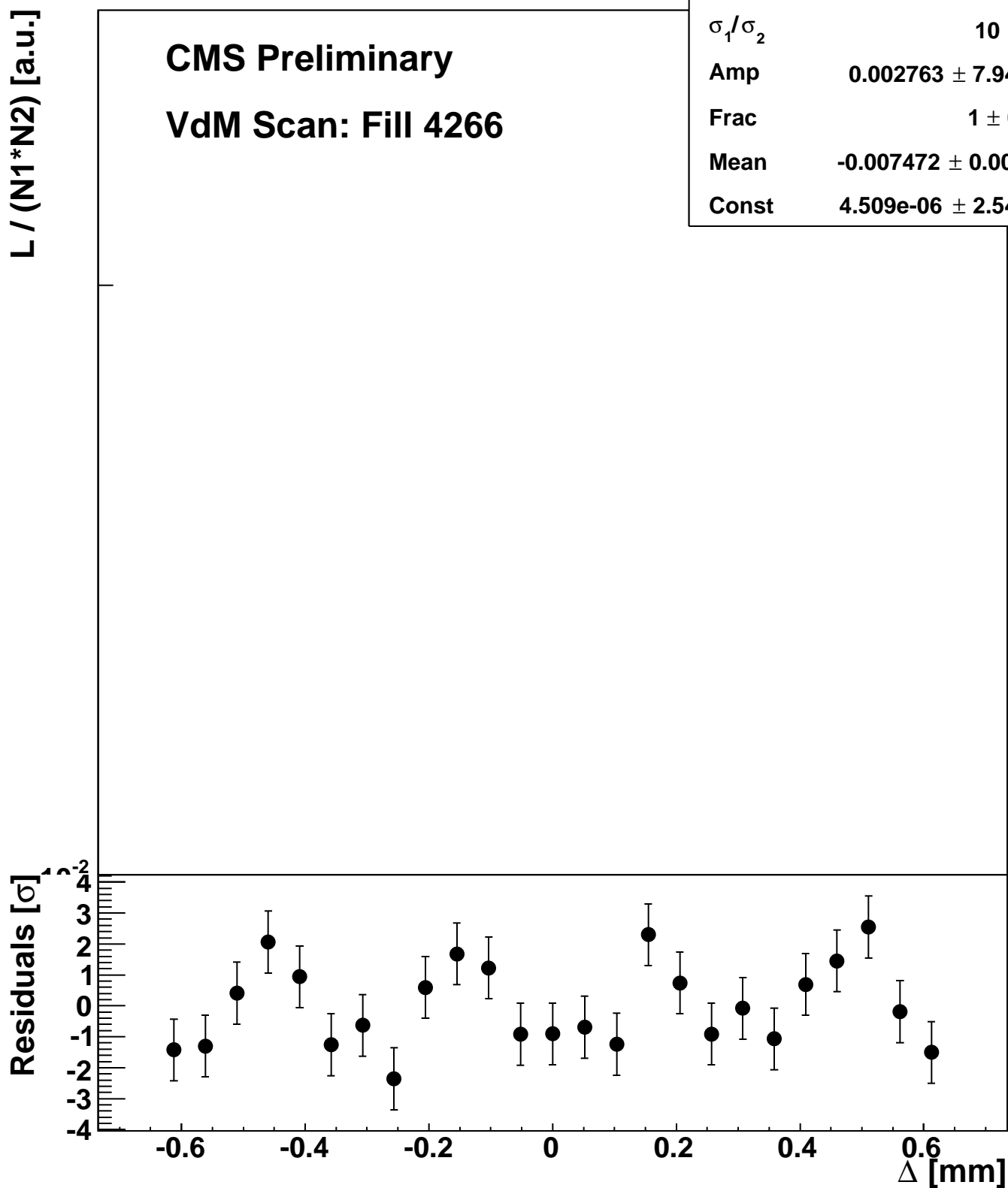
Scan 2: Y-plane BCID 2331

χ^2 / ndf	33.98 / 19
Σ	0.1168 ± 0.0004898
σ_1 / σ_2	1.494 ± 0.3163
Amp	$0.002674 \pm 1.601\text{e-}05$
Frac	0.02968 ± 0.03847
Mean	-0.007296 ± 0.0005131
Const	$3.427\text{e-}06 \pm 7.885\text{e-}07$

CMS Preliminary
VdM Scan: Fill 4266



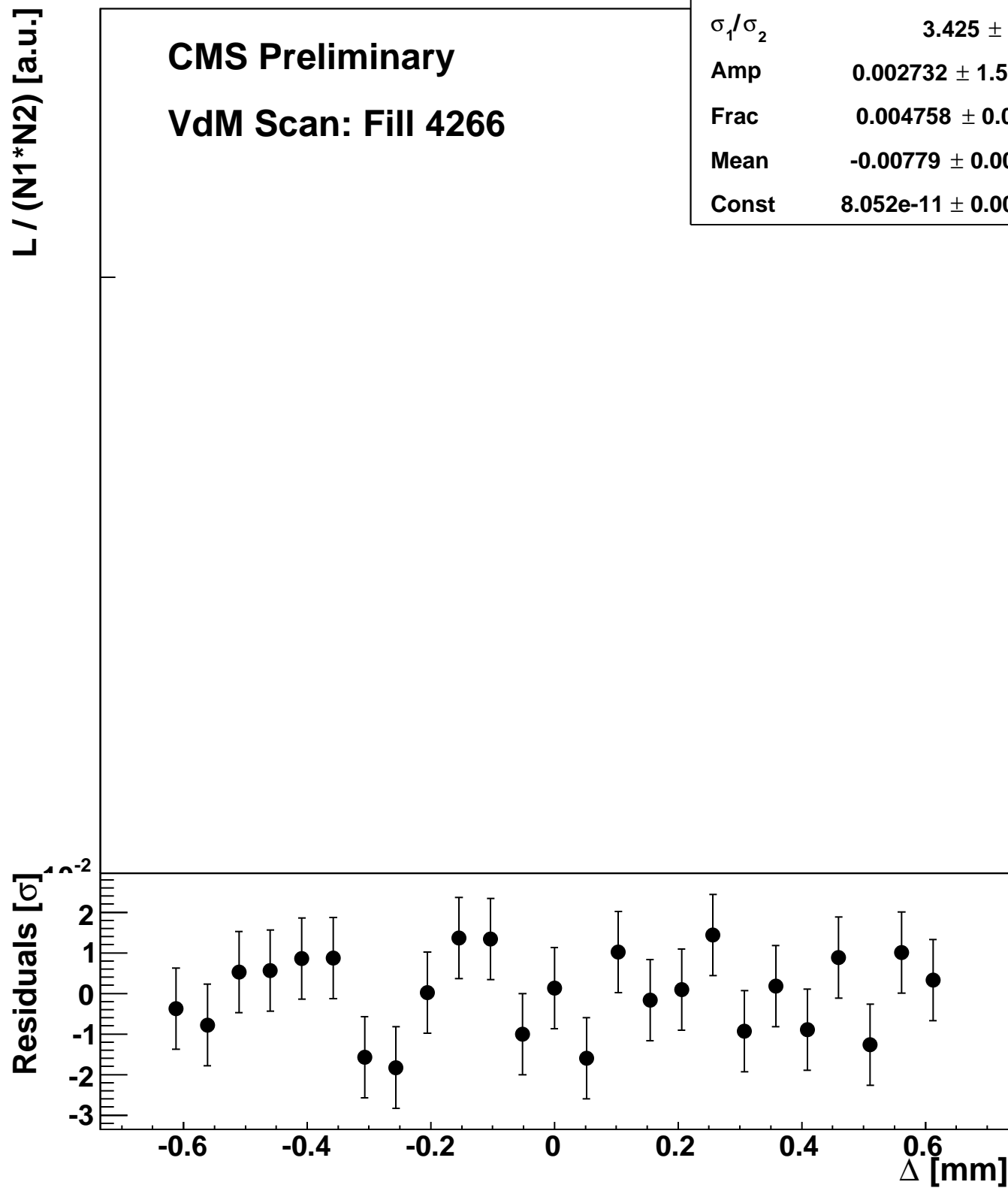
Scan 2: Y-plane BCID 2371



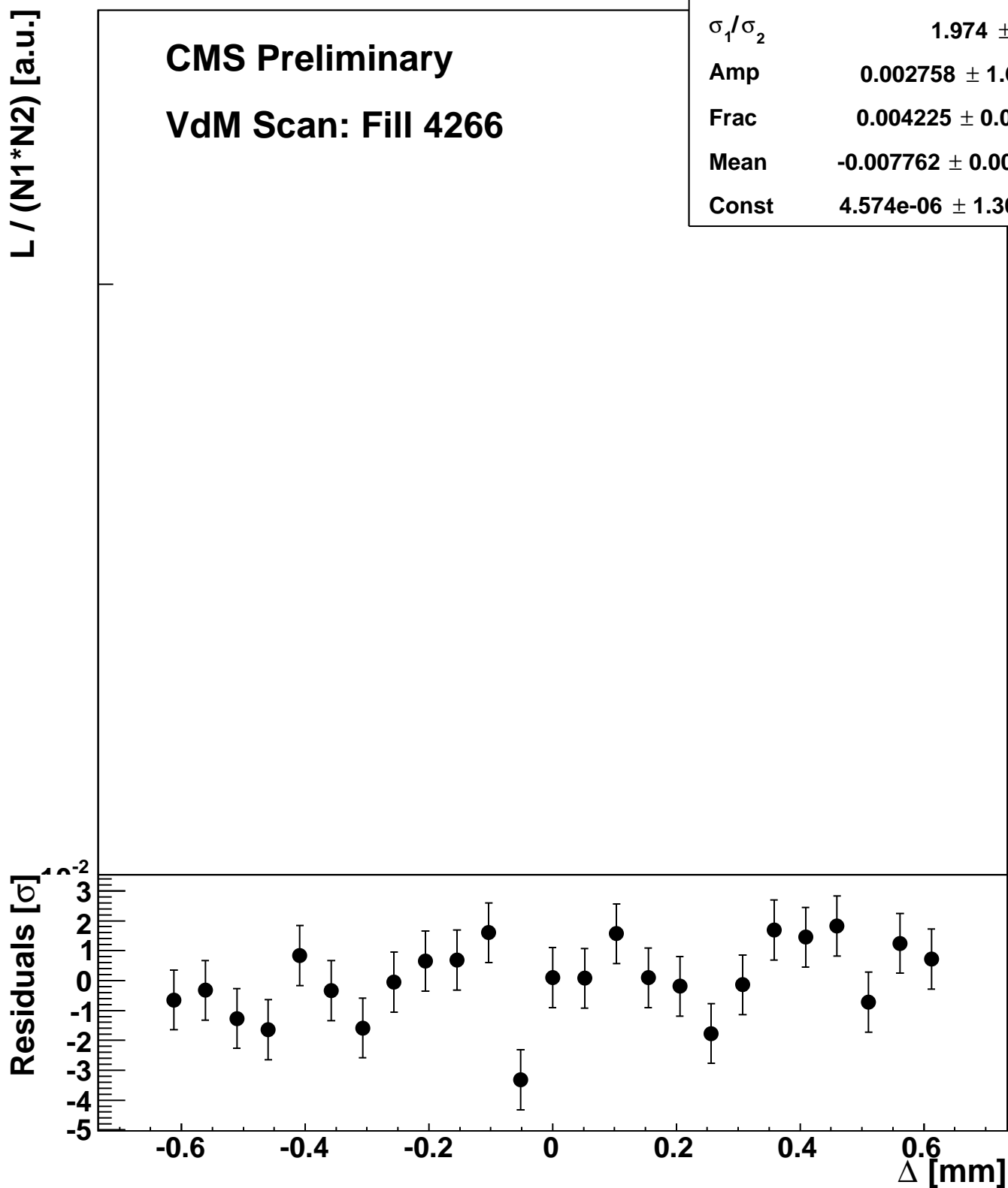
χ^2 / ndf	44.09 / 19
Σ	0.1161 ± 0.0001928
σ_1 / σ_2	10 ± 5.11
Amp	$0.002763 \pm 7.949\text{e-}06$
Frac	1 ± 0.8599
Mean	-0.007472 ± 0.0003117
Const	$4.509\text{e-}06 \pm 2.541\text{e-}07$

Scan 2: Y-plane BCID 2411

χ^2 / ndf	24.18 / 19
Σ	0.1179 ± 0.0004792
σ_1 / σ_2	3.425 ± 0.6732
Amp	$0.002732 \pm 1.536\text{e-}05$
Frac	0.004758 ± 0.001596
Mean	-0.00779 ± 0.0005198
Const	$8.052\text{e-}11 \pm 0.0001195$

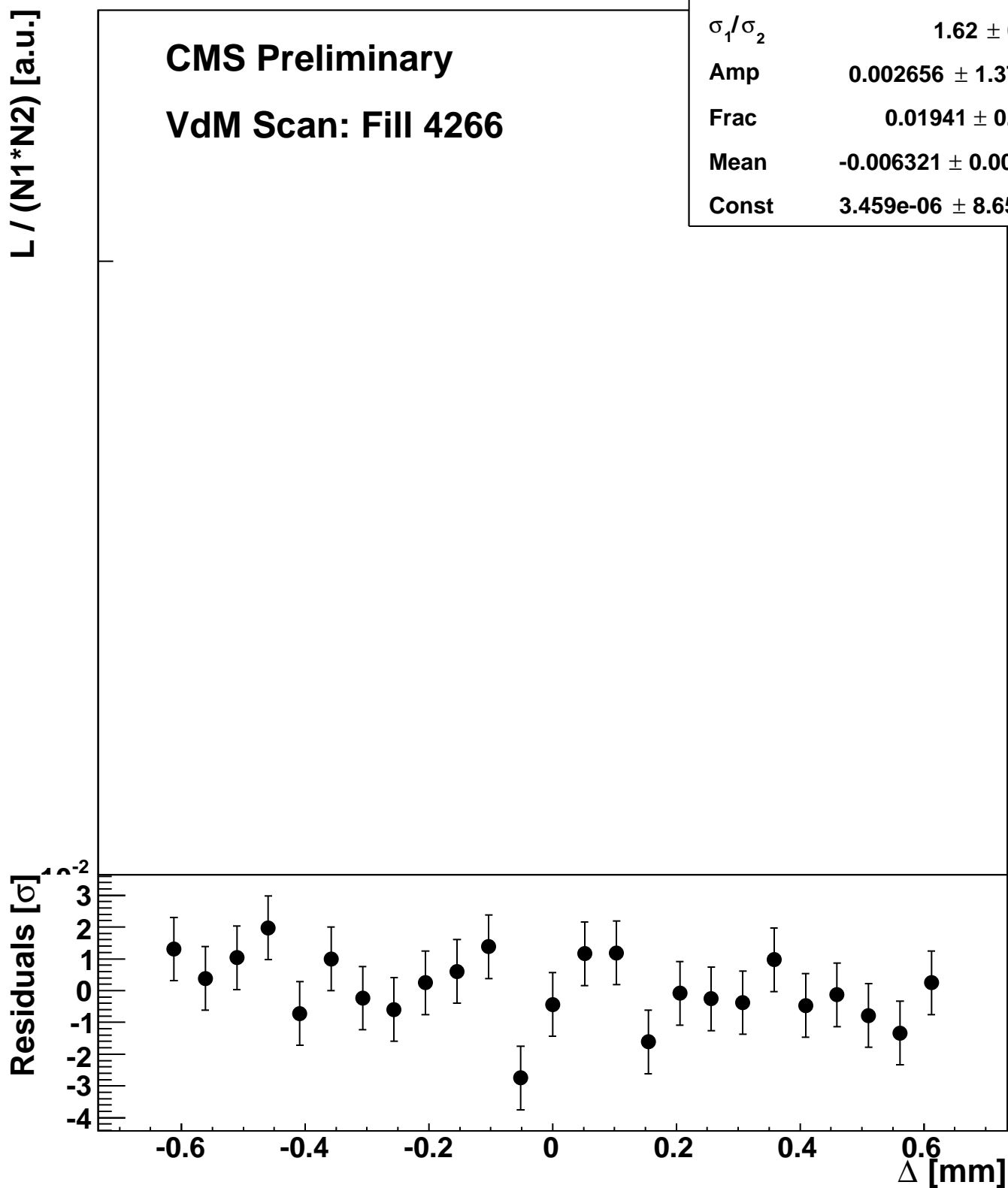


Scan 2: Y-plane BCID 2451



χ^2 / ndf	39.19 / 19
Σ	0.1159 ± 0.0005118
σ_1 / σ_2	1.974 ± 1.174
Amp	$0.002758 \pm 1.61\text{e-}05$
Frac	0.004225 ± 0.007578
Mean	-0.007762 ± 0.0005356
Const	$4.574\text{e-}06 \pm 1.303\text{e-}06$

Scan 2: Y-plane BCID 251



χ^2 / ndf	28.01 / 19
Σ	0.1182 ± 0.000453
σ_1 / σ_2	1.62 ± 0.3794
Amp	$0.002656 \pm 1.374\text{e-}05$
Frac	0.01941 ± 0.02229
Mean	-0.006321 ± 0.0004832
Const	$3.459\text{e-}06 \pm 8.653\text{e-}07$

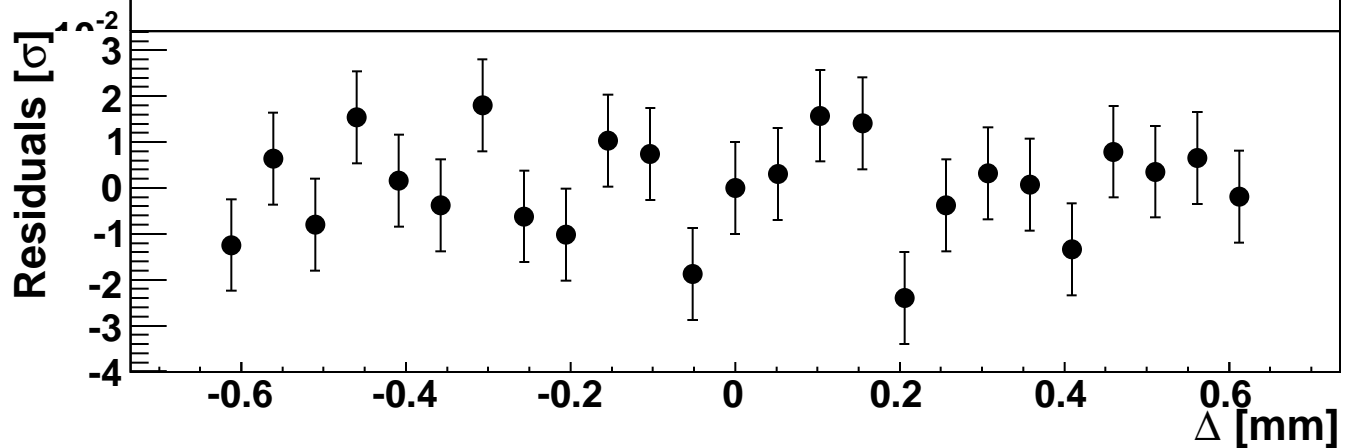
Scan 2: Y-plane BCID 2674

L / (N1*N2) [a.u.]

CMS Preliminary

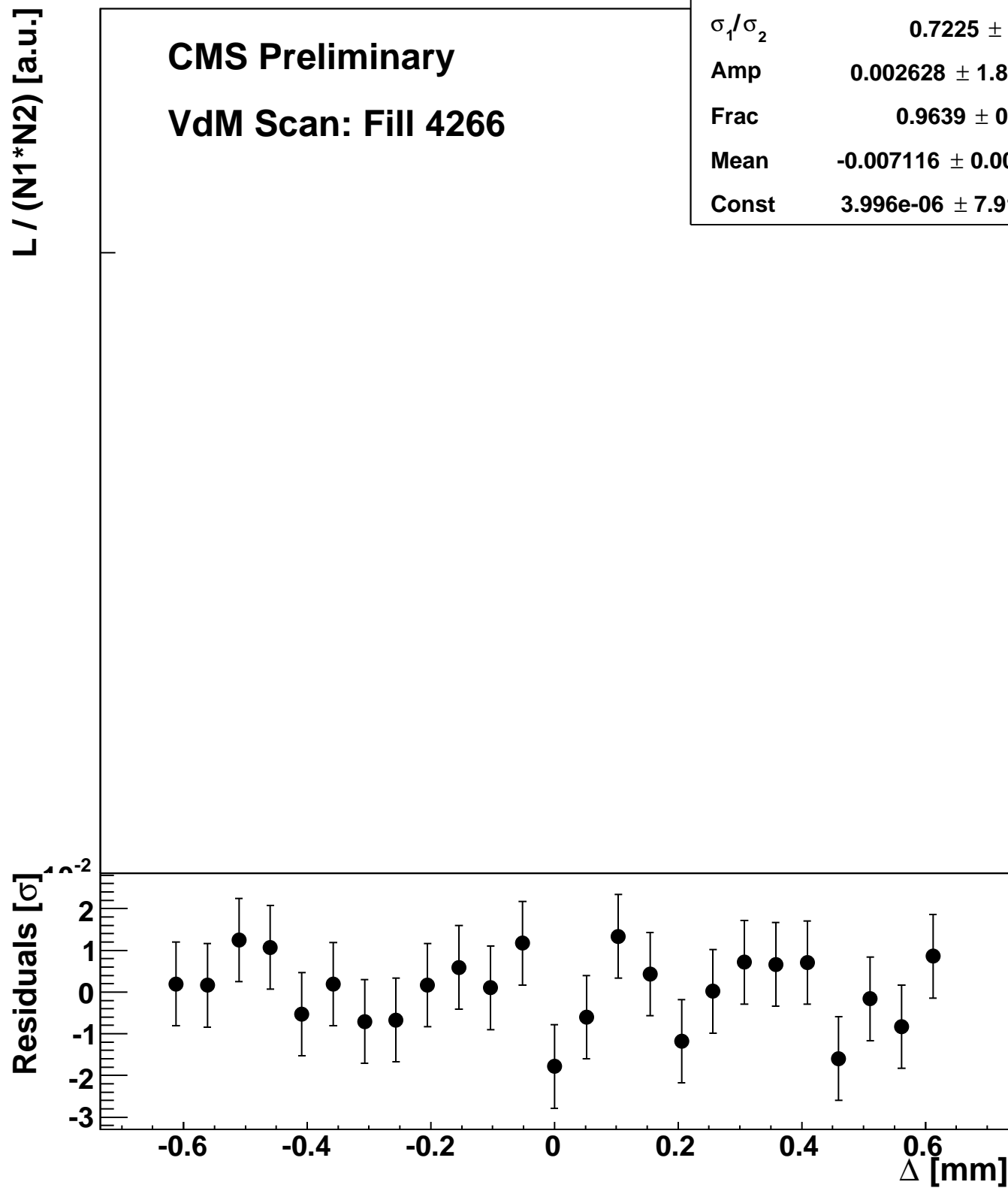
VdM Scan: Fill 4266

χ^2 / ndf	28.43 / 19
Σ	0.1114 ± 0.001563
σ_1 / σ_2	10 ± 9.307
Amp	$0.002924 \pm 4.23\text{e-}05$
Frac	0.9885 ± 0.01608
Mean	-0.007773 ± 0.000505
Const	$5.246\text{e-}06 \pm 4.98\text{e-}07$



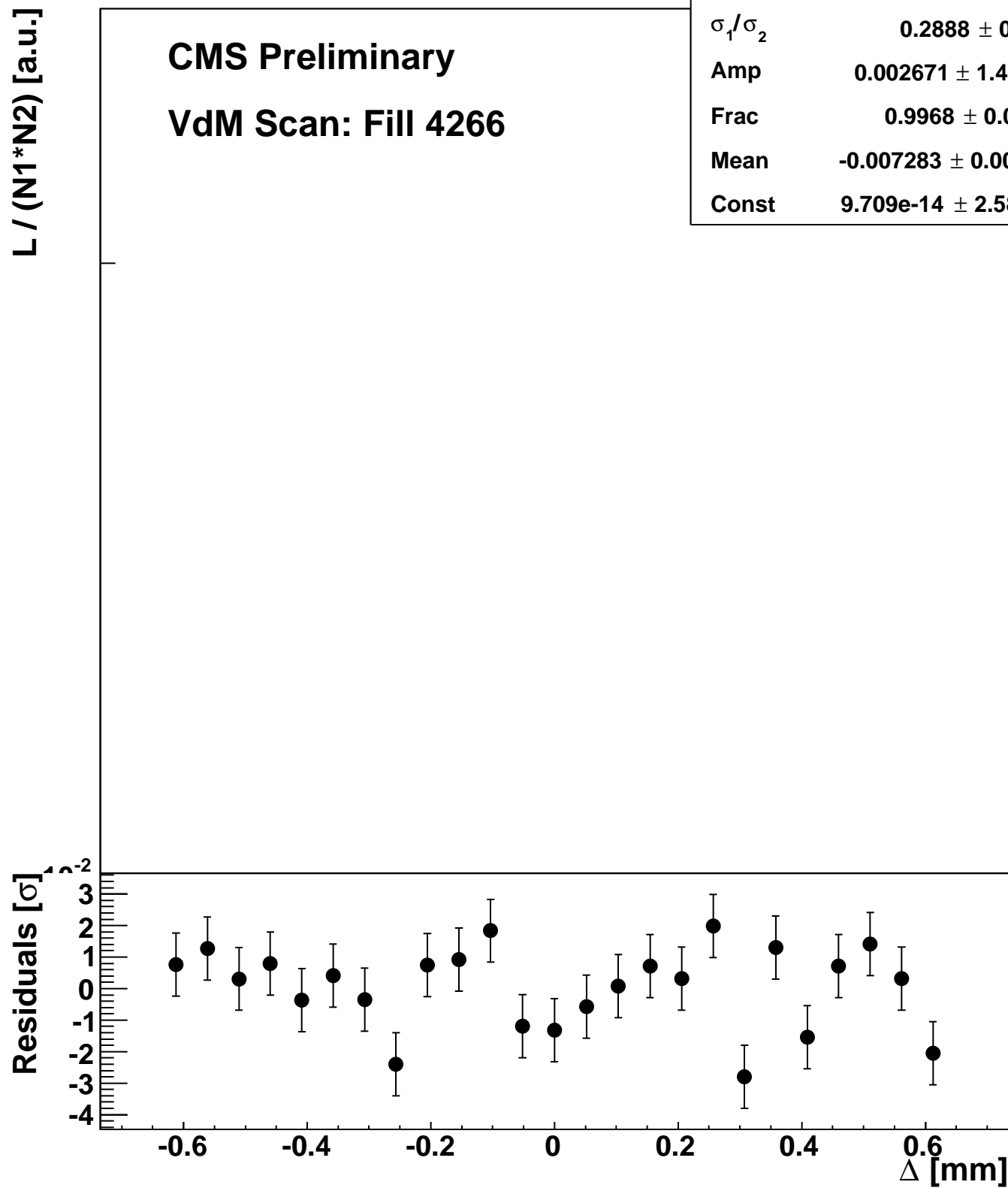
Scan 2: Y-plane BCID 291

χ^2 / ndf	18.15 / 19
Σ	0.1177 ± 0.0005644
σ_1 / σ_2	0.7225 ± 0.2144
Amp	$0.002628 \pm 1.833\text{e-}05$
Frac	0.9639 ± 0.08057
Mean	-0.007116 ± 0.0005807
Const	$3.996\text{e-}06 \pm 7.912\text{e-}07$

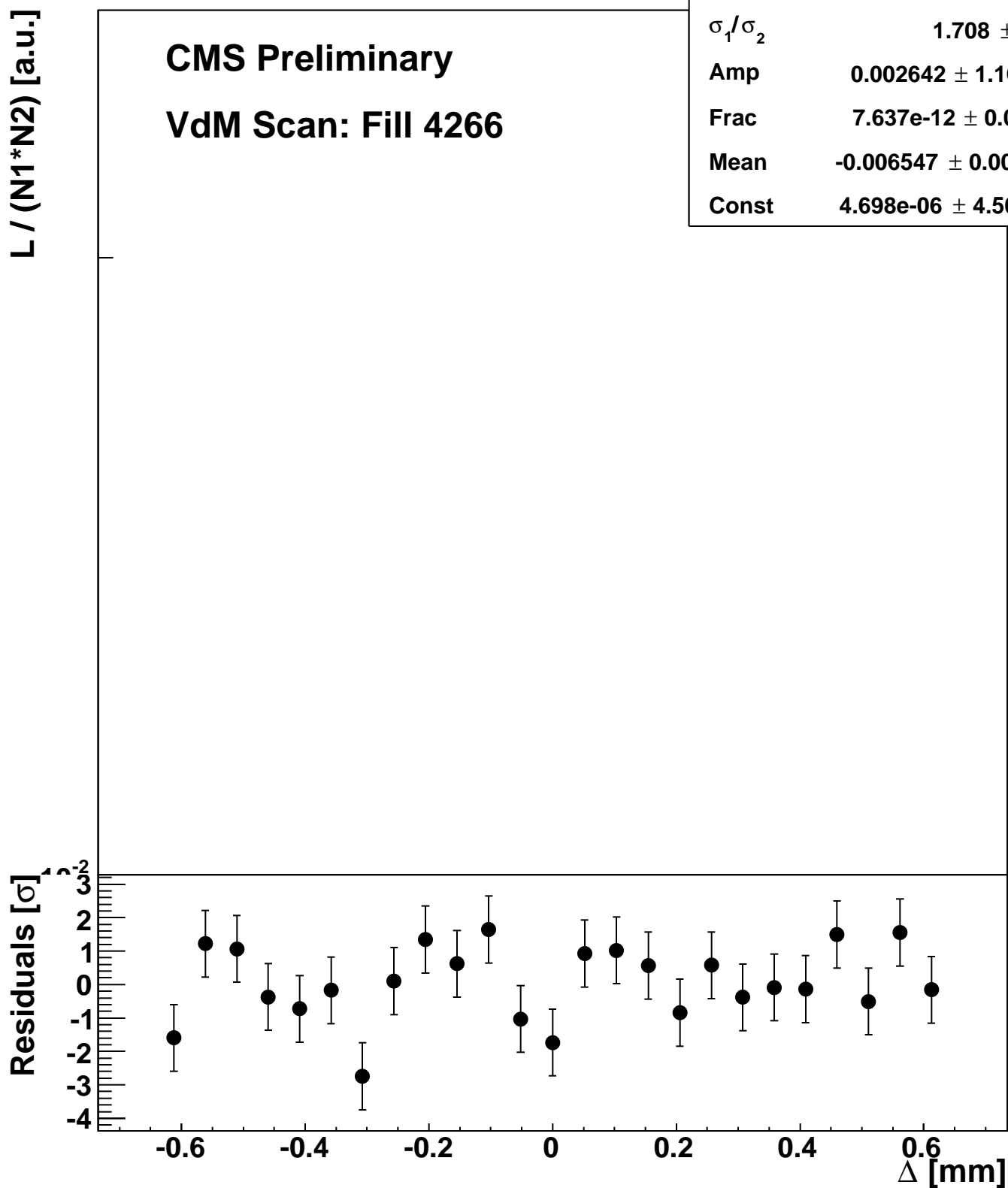


Scan 2: Y-plane BCID 51

χ^2 / ndf	40.62 / 19
Σ	0.1187 ± 0.0003899
σ_1 / σ_2	0.2888 ± 0.05141
Amp	$0.002671 \pm 1.416\text{e-}05$
Frac	0.9968 ± 0.001023
Mean	-0.007283 ± 0.0004692
Const	$9.709\text{e-}14 \pm 2.588\text{e-}06$



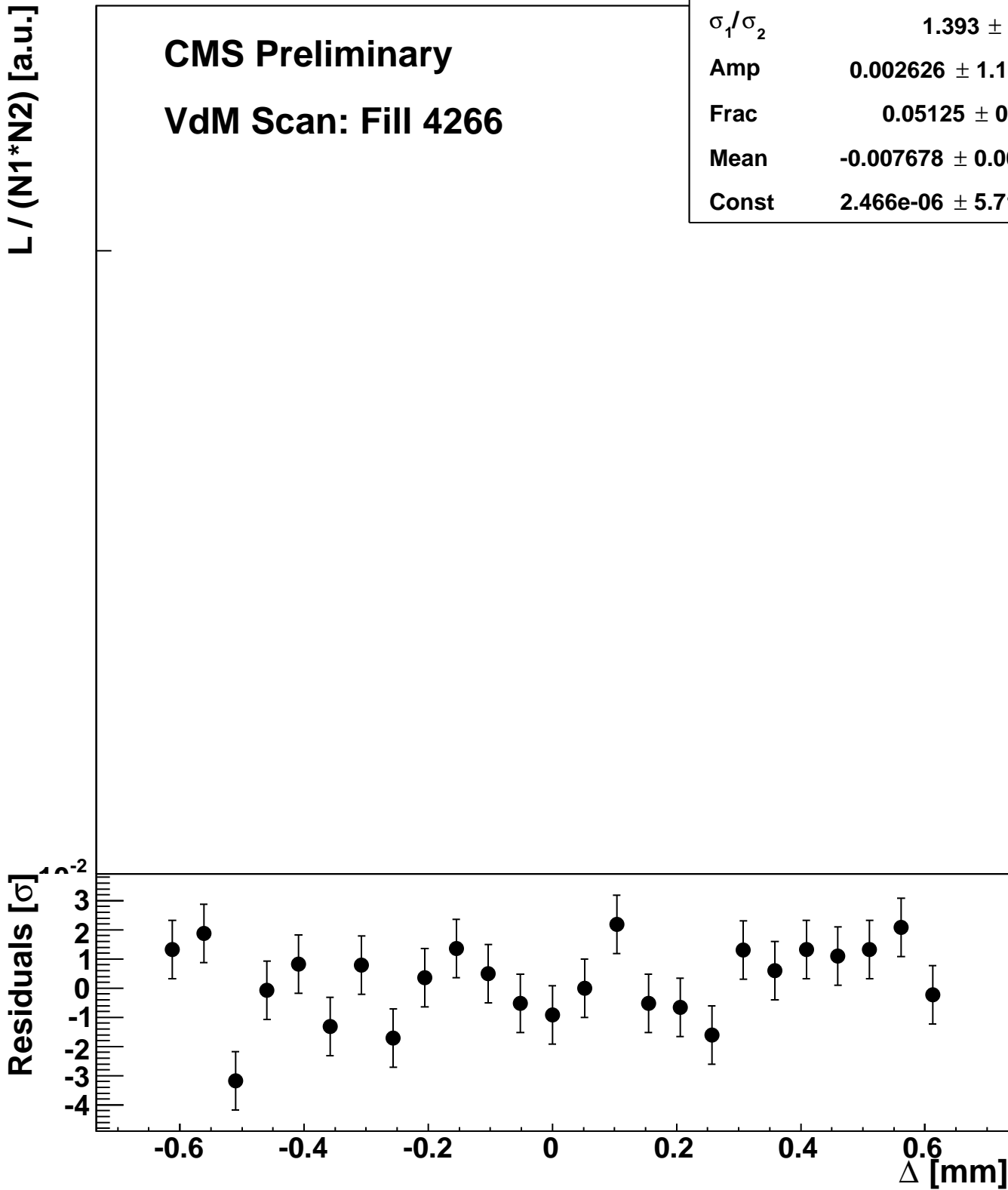
Scan 2: Y-plane BCID 771



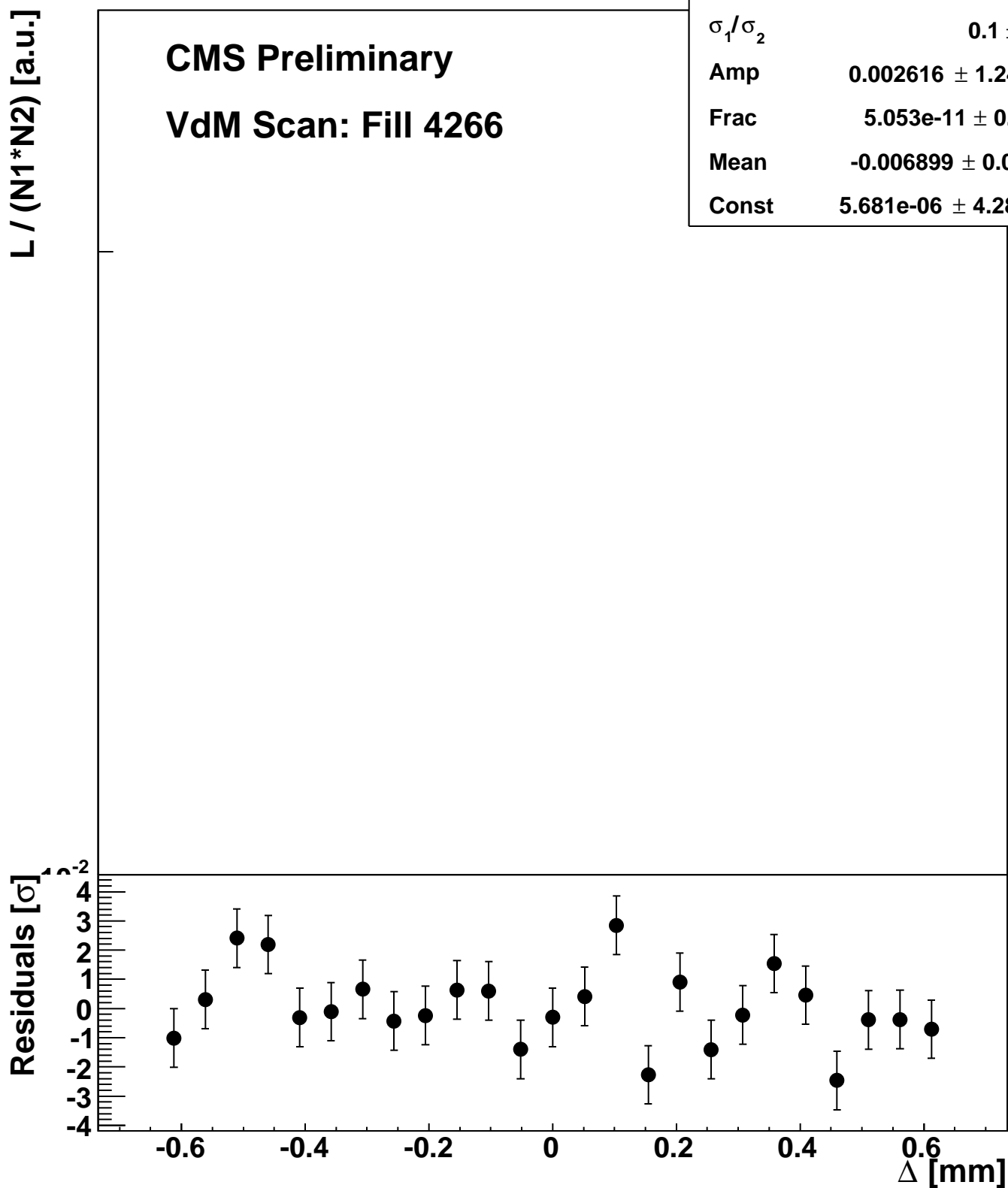
χ^2 / ndf	30.73 / 19
Σ	0.1182 ± 0.0003338
σ_1 / σ_2	1.708 ± 8.175
Amp	$0.002642 \pm 1.161\text{e-}05$
Frac	$7.637\text{e-}12 \pm 0.001791$
Mean	-0.006547 ± 0.0004718
Const	$4.698\text{e-}06 \pm 4.507\text{e-}07$

Scan 2: Y-plane BCID 811

χ^2 / ndf	43.82 / 19
Σ	0.1191 ± 0.0004016
σ_1 / σ_2	1.393 ± 0.1898
Amp	$0.002626 \pm 1.106\text{e-}05$
Frac	0.05125 ± 0.05425
Mean	-0.007678 ± 0.0004651
Const	$2.466\text{e-}06 \pm 5.711\text{e-}07$



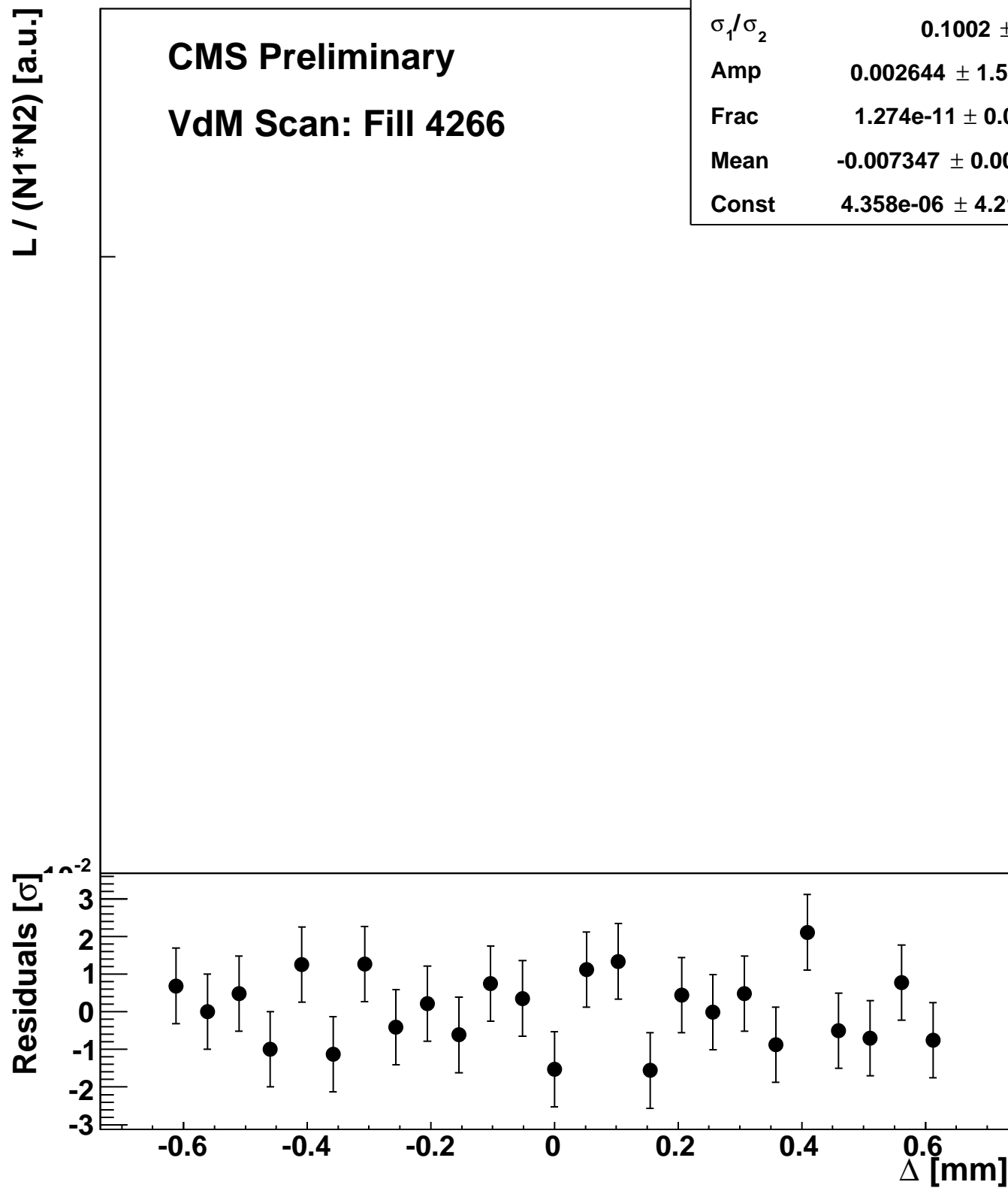
Scan 2: Y-plane BCID 851



χ^2 / ndf	41.04 / 19
Σ	0.1185 ± 0.0003467
σ_1 / σ_2	0.1 ± 7.04
Amp	$0.002616 \pm 1.243\text{e-}05$
Frac	$5.053\text{e-}11 \pm 0.02045$
Mean	-0.006899 ± 0.000475
Const	$5.681\text{e-}06 \pm 4.286\text{e-}07$

Scan 2: Y-plane BCID 891

χ^2 / ndf	22.84 / 19
Σ	0.1182 ± 0.000382
σ_1 / σ_2	0.1002 ± 7.018
Amp	$0.002644 \pm 1.507\text{e-}05$
Frac	$1.274\text{e-}11 \pm 0.003922$
Mean	-0.007347 ± 0.0005034
Const	$4.358\text{e-}06 \pm 4.215\text{e-}07$



Scan 2: Y-plane BCID 91

L / (N1*N2) [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf 18 / 19

Σ 0.1204 ± 0.0005127

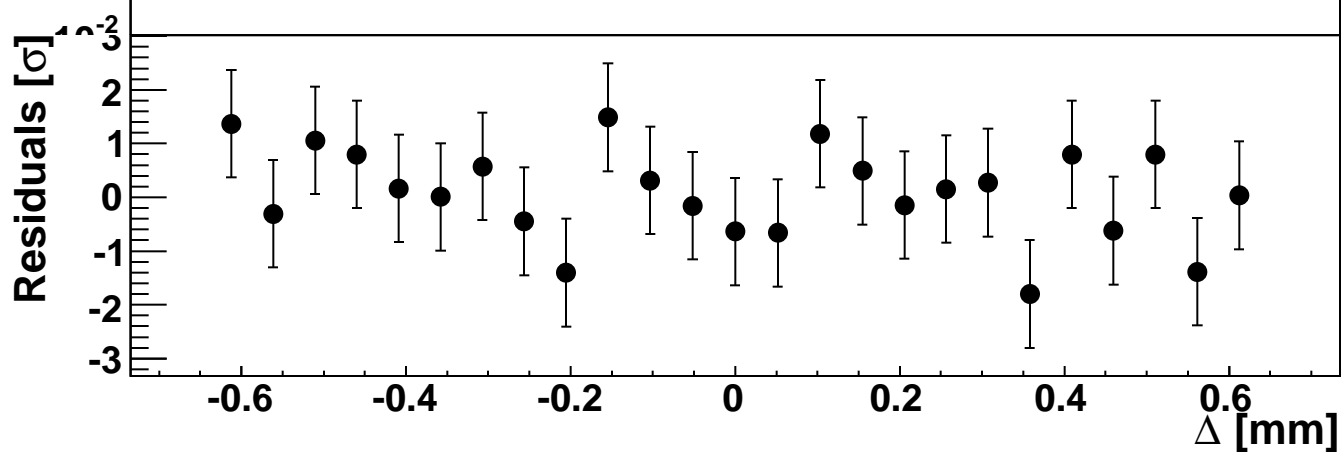
σ_1/σ_2 3.918 ± 1.295

Amp $0.002595 \pm 1.488\text{e-}05$

Frac 0.00301 ± 0.001318

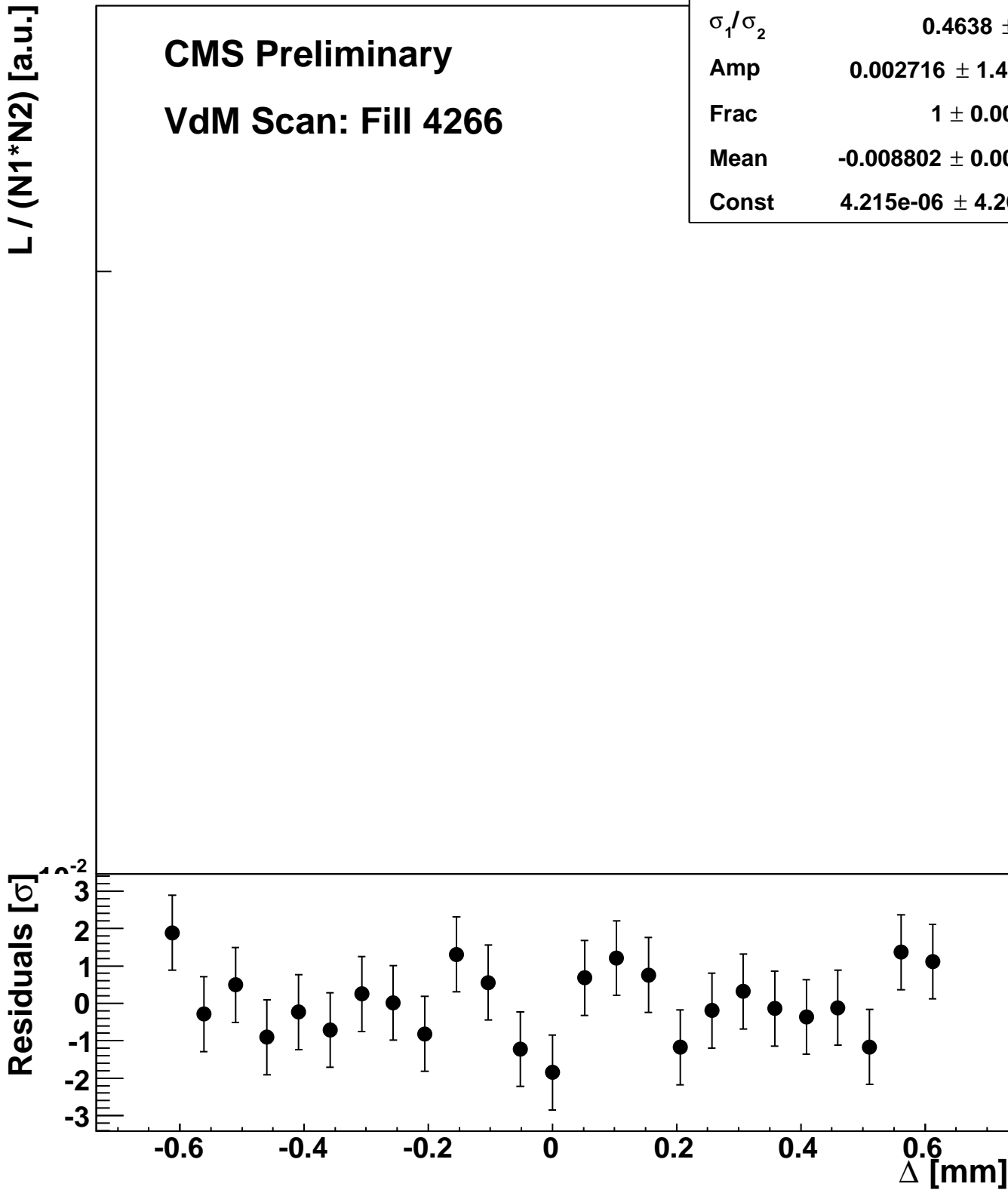
Mean -0.006864 ± 0.00054

Const $2.804\text{e-}11 \pm 0.0001343$



Scan 2: Y-plane BCID 931

χ^2 / ndf	21.58 / 19
Σ	0.1168 ± 0.0003642
σ_1 / σ_2	0.4638 ± 5.966
Amp	$0.002716 \pm 1.431\text{e-}05$
Frac	1 ± 0.0005822
Mean	-0.008802 ± 0.0004489
Const	$4.215\text{e-}06 \pm 4.266\text{e-}07$



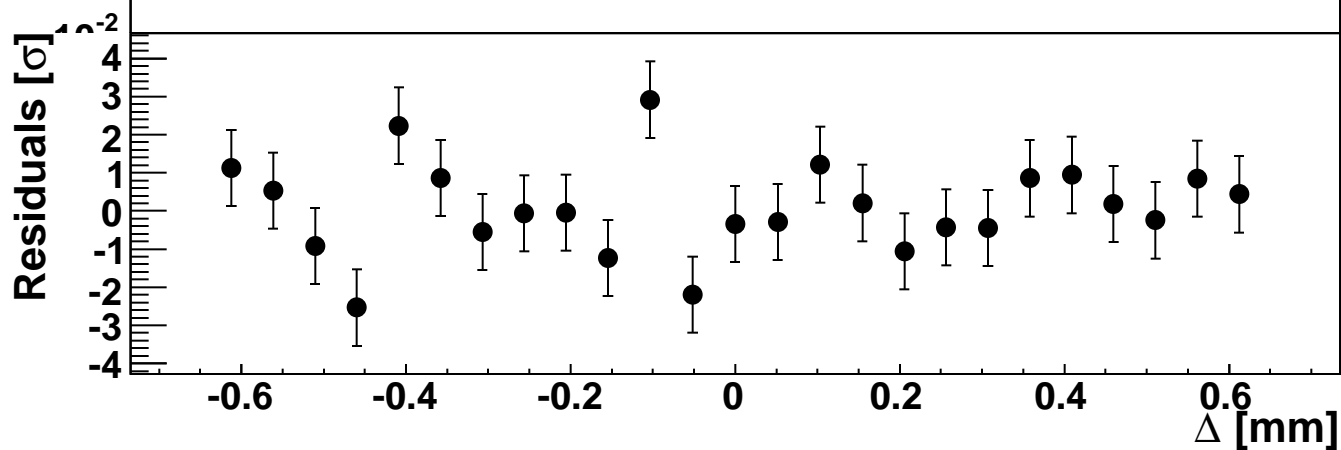
Scan 2: Y-plane BCID 971

L / (N1*N2) [a.u.]

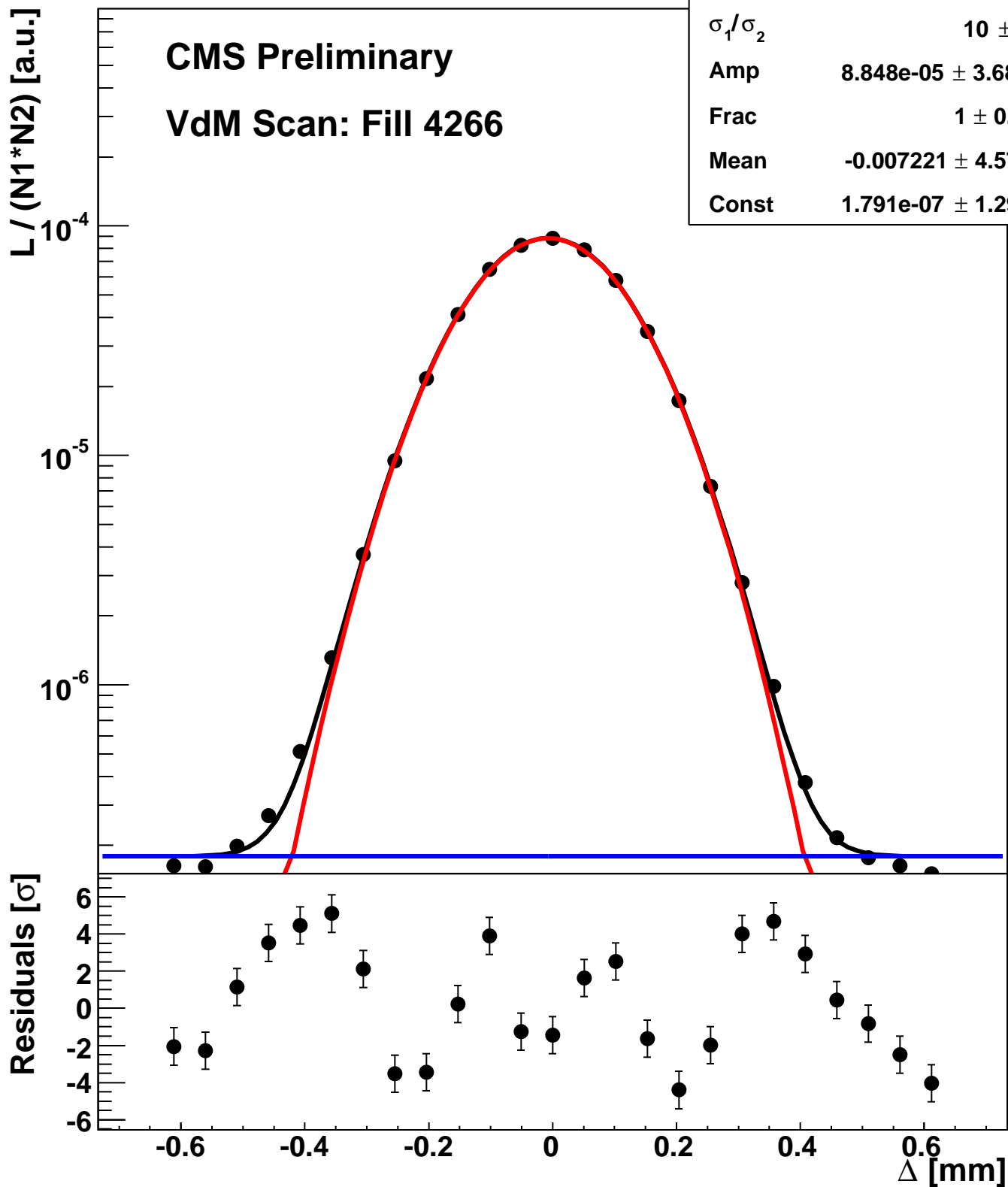
CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	35.62 / 19
Σ	0.1165 ± 0.0005533
σ_1 / σ_2	1.223 ± 0.32
Amp	$0.00271 \pm 1.674\text{e-}05$
Frac	0.09138 ± 0.5164
Mean	-0.007575 ± 0.0005317
Const	$4.399\text{e-}06 \pm 6.001\text{e-}07$

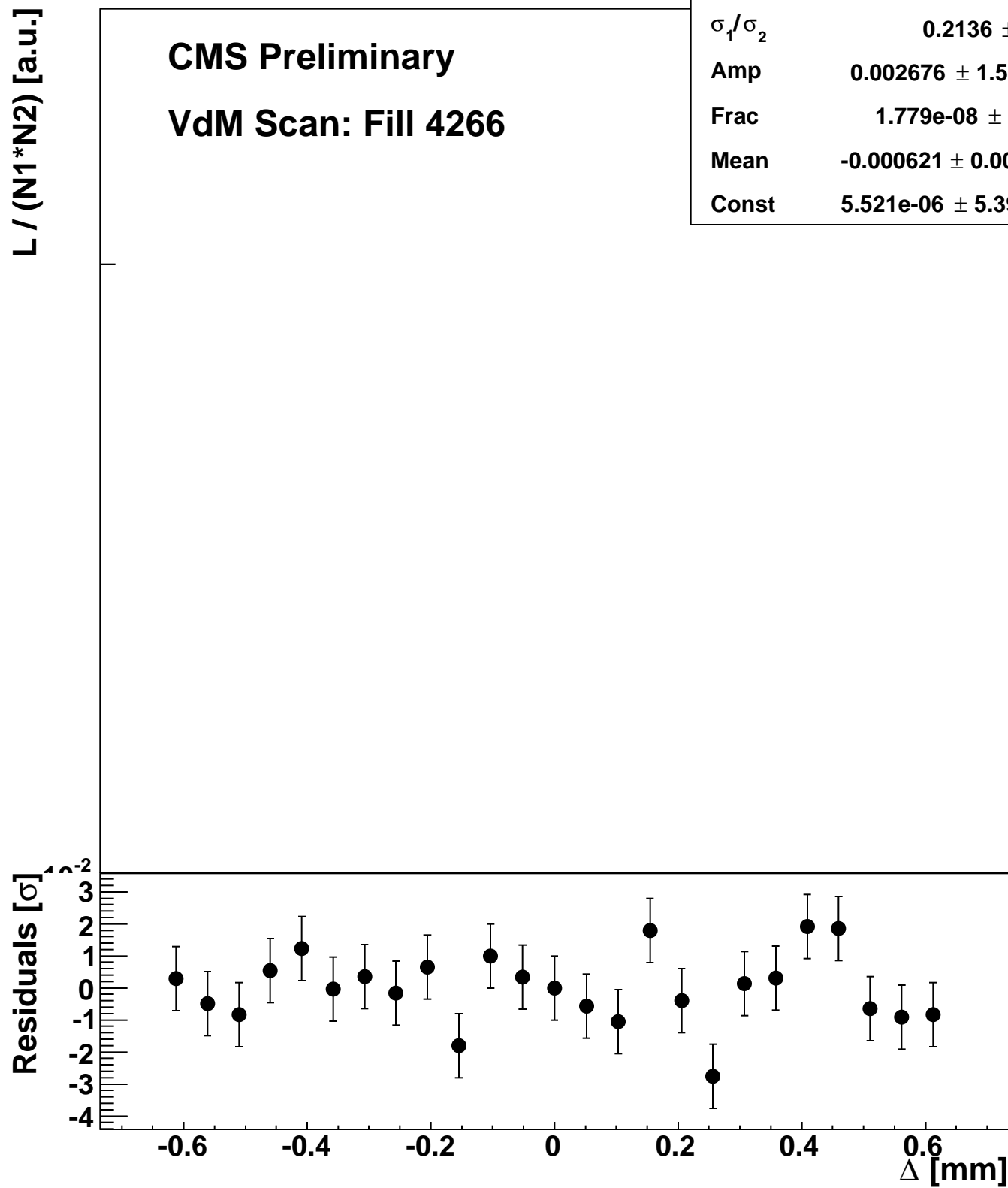


Scan 2: Y-plane BCID sum



Scan 3: Y-plane BCID 1011

χ^2 / ndf	29.2 / 19
Σ	0.118 ± 0.0004146
σ_1 / σ_2	0.2136 ± 7.512
Amp	$0.002676 \pm 1.543\text{e-}05$
Frac	$1.779\text{e-}08 \pm 0.1796$
Mean	-0.000621 ± 0.0004967
Const	$5.521\text{e-}06 \pm 5.396\text{e-}07$



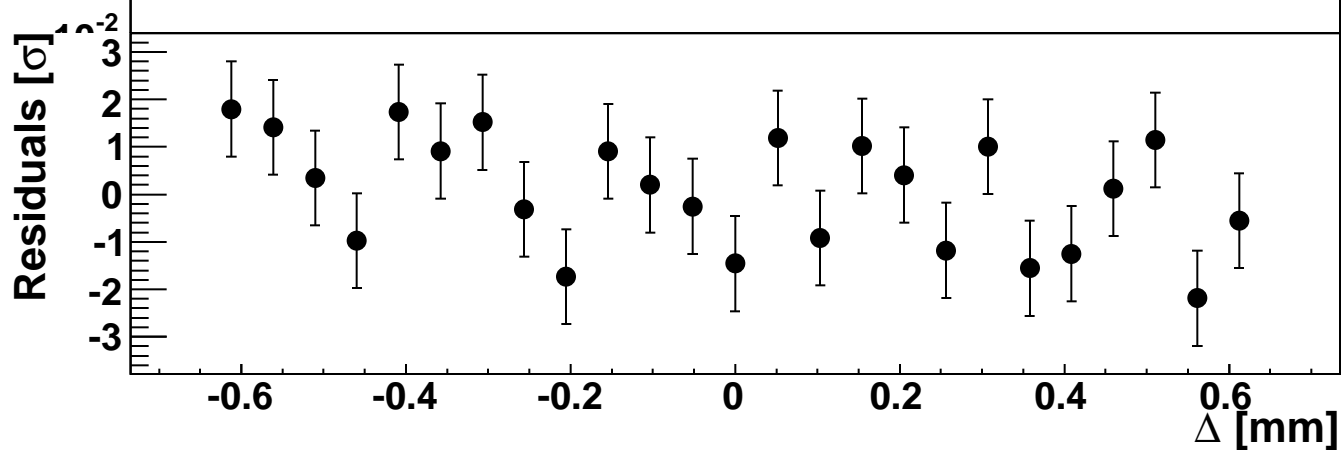
Scan 3: Y-plane BCID 131

L / (N1*N2) [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	34.83 / 19
Σ	0.1175 ± 0.0005828
σ_1 / σ_2	1.242 ± 0.1675
Amp	$0.002626 \pm 1.735\text{e-}05$
Frac	0.1616 ± 0.2818
Mean	-0.0004076 ± 0.0005841
Const	$5.692\text{e-}06 \pm 7.583\text{e-}07$



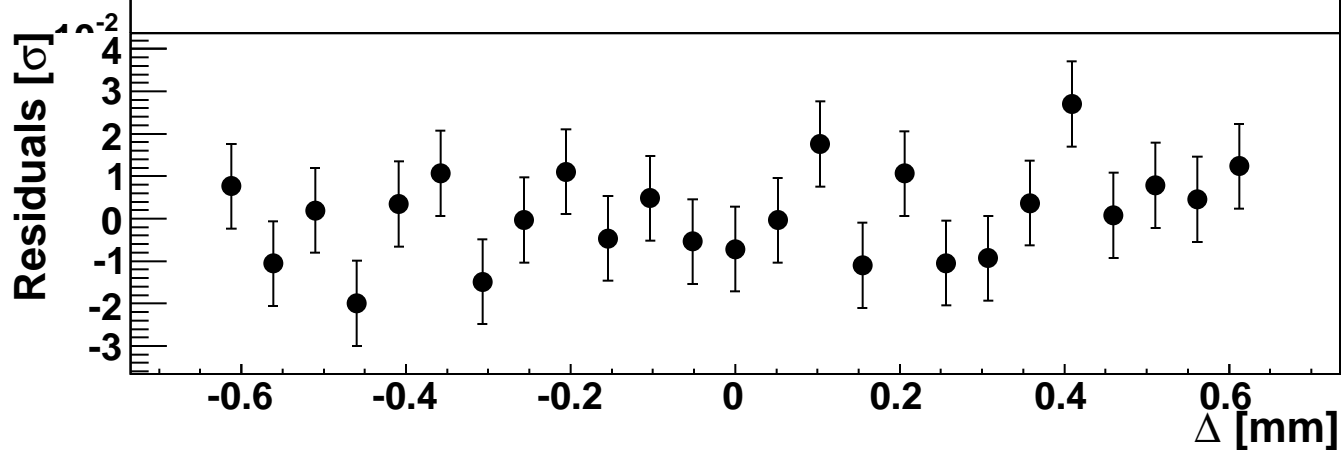
Scan 3: Y-plane BCID 1631

L / (N1*N2) [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	28.86 / 19
Σ	0.1154 ± 0.0003538
σ_1 / σ_2	9.957 ± 7.218
Amp	$0.002759 \pm 1.317\text{e-}05$
Frac	$2.713\text{e-}11 \pm 0.01168$
Mean	-0.00151 ± 0.0004563
Const	$3.847\text{e-}06 \pm 4.081\text{e-}07$



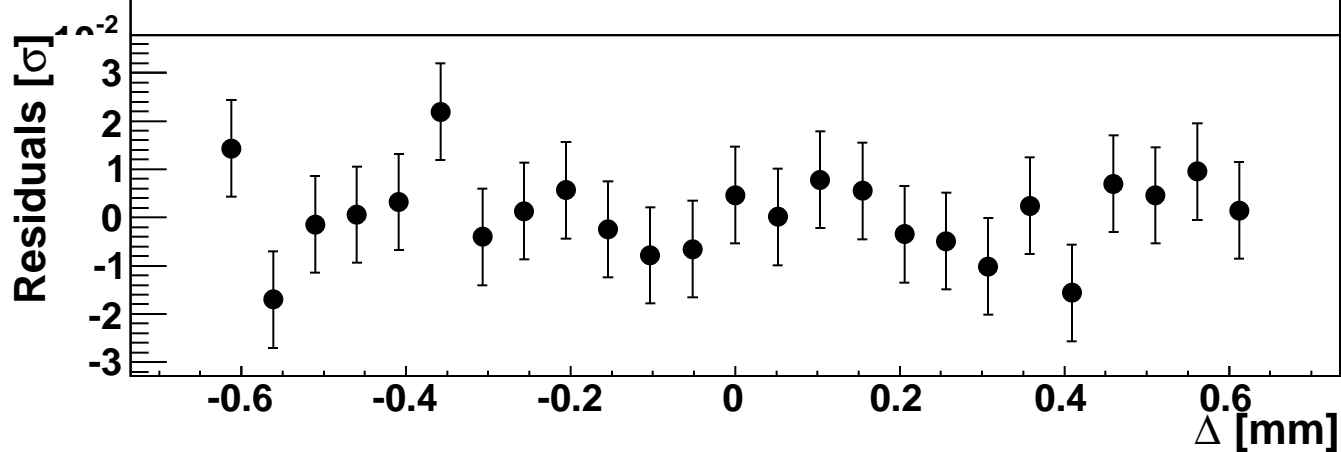
Scan 3: Y-plane BCID 1671

L / (N1*N2) [a.u.]

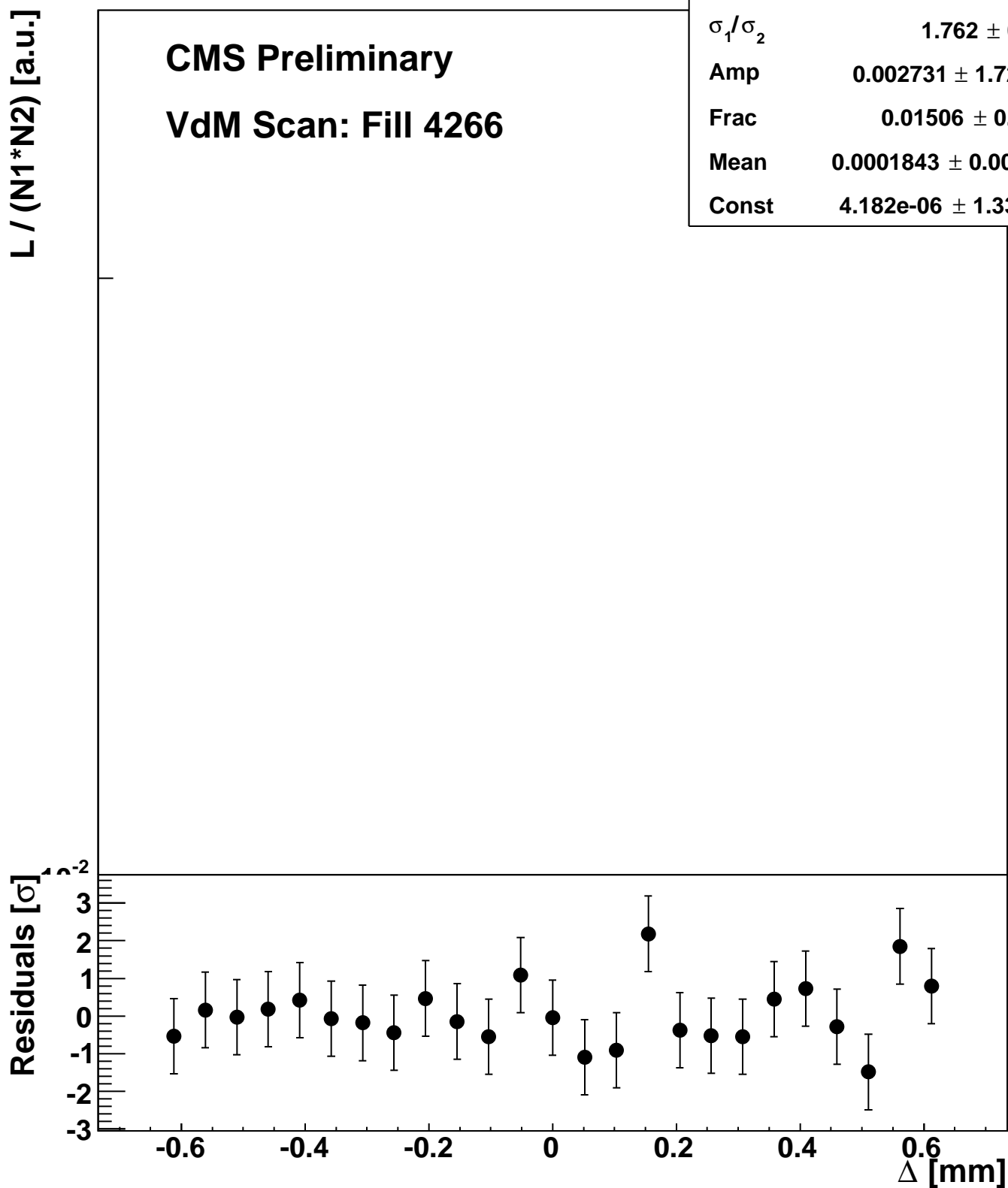
CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	18.12 / 19
Σ	0.1152 ± 0.0005448
σ_1 / σ_2	0.7533 ± 0.1302
Amp	$0.002789 \pm 1.967\text{e-}05$
Frac	0.9221 ± 0.1252
Mean	-0.0002417 ± 0.0005111
Const	$5.122\text{e-}06 \pm 7.069\text{e-}07$



Scan 3: Y-plane BCID 1711



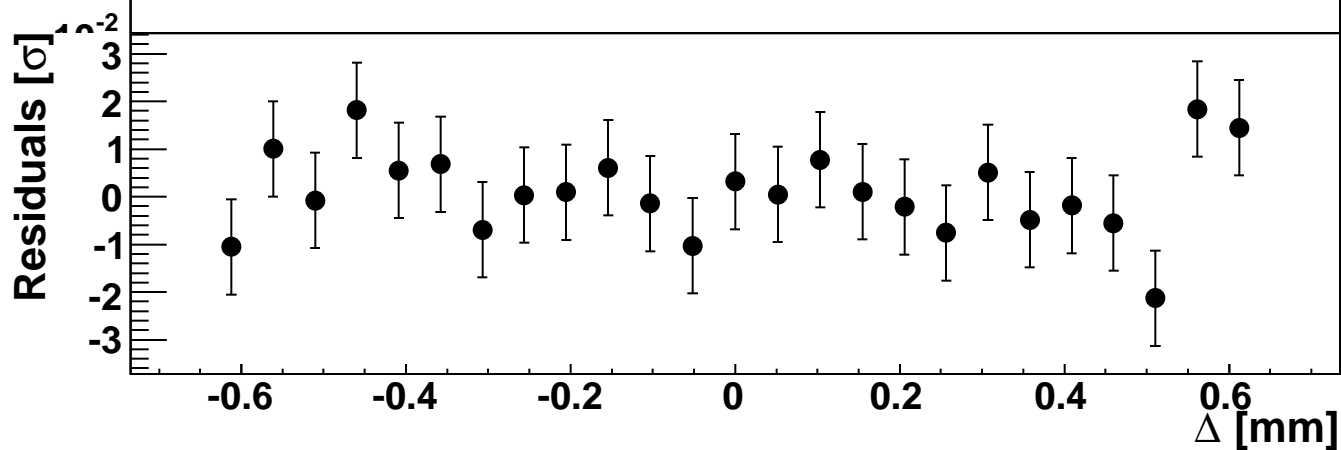
Scan 3: Y-plane BCID 171

L / (N1*N2) [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

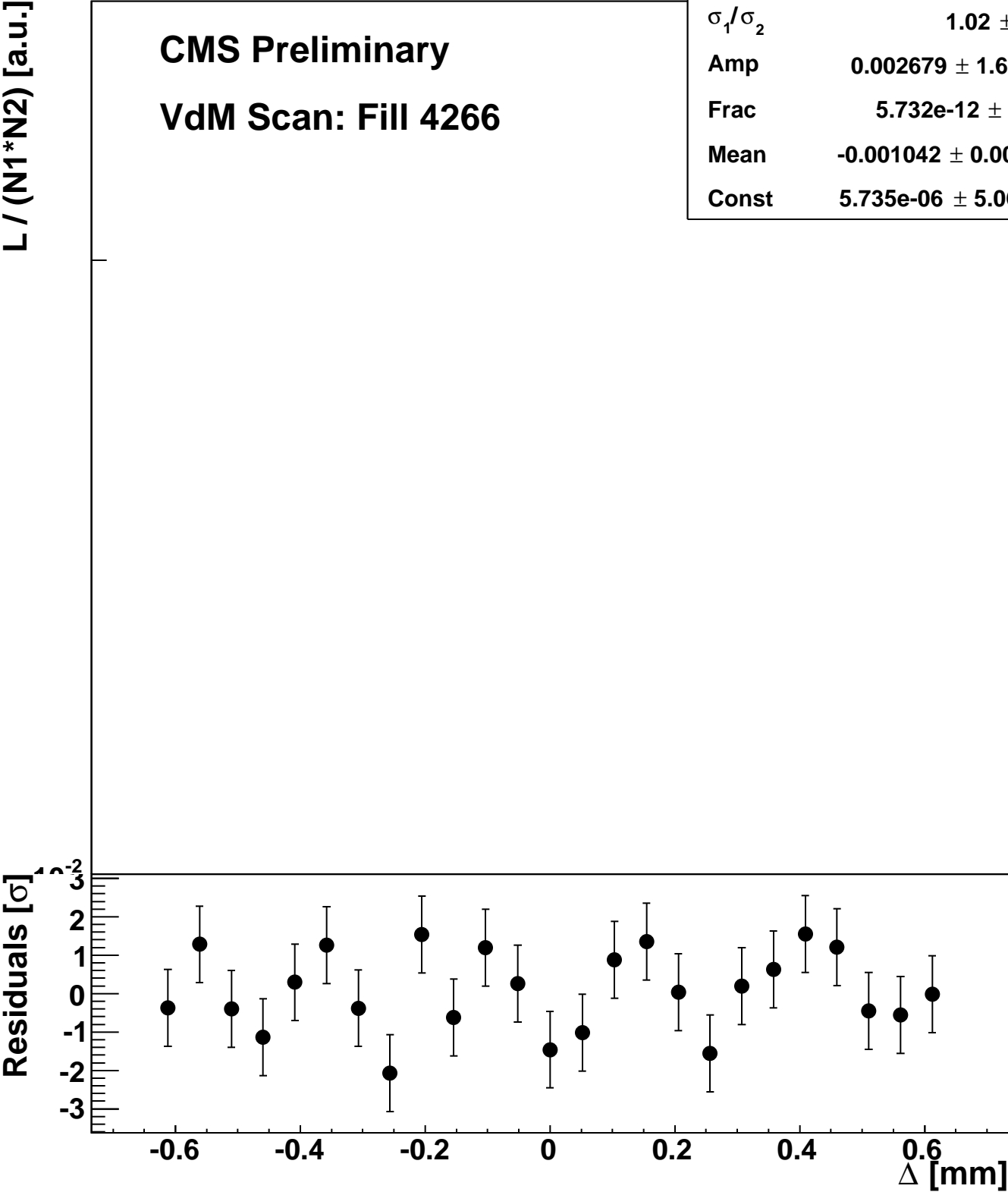
χ^2 / ndf	20.25 / 19
Σ	0.1183 ± 0.0005289
σ_1 / σ_2	1.523 ± 0.184
Amp	$0.002576 \pm 1.67\text{e-}05$
Frac	0.0387 ± 0.02794
Mean	-0.0005622 ± 0.0005951
Const	$3.78\text{e-}06 \pm 7.927\text{e-}07$



Scan 3: Y-plane BCID 1751

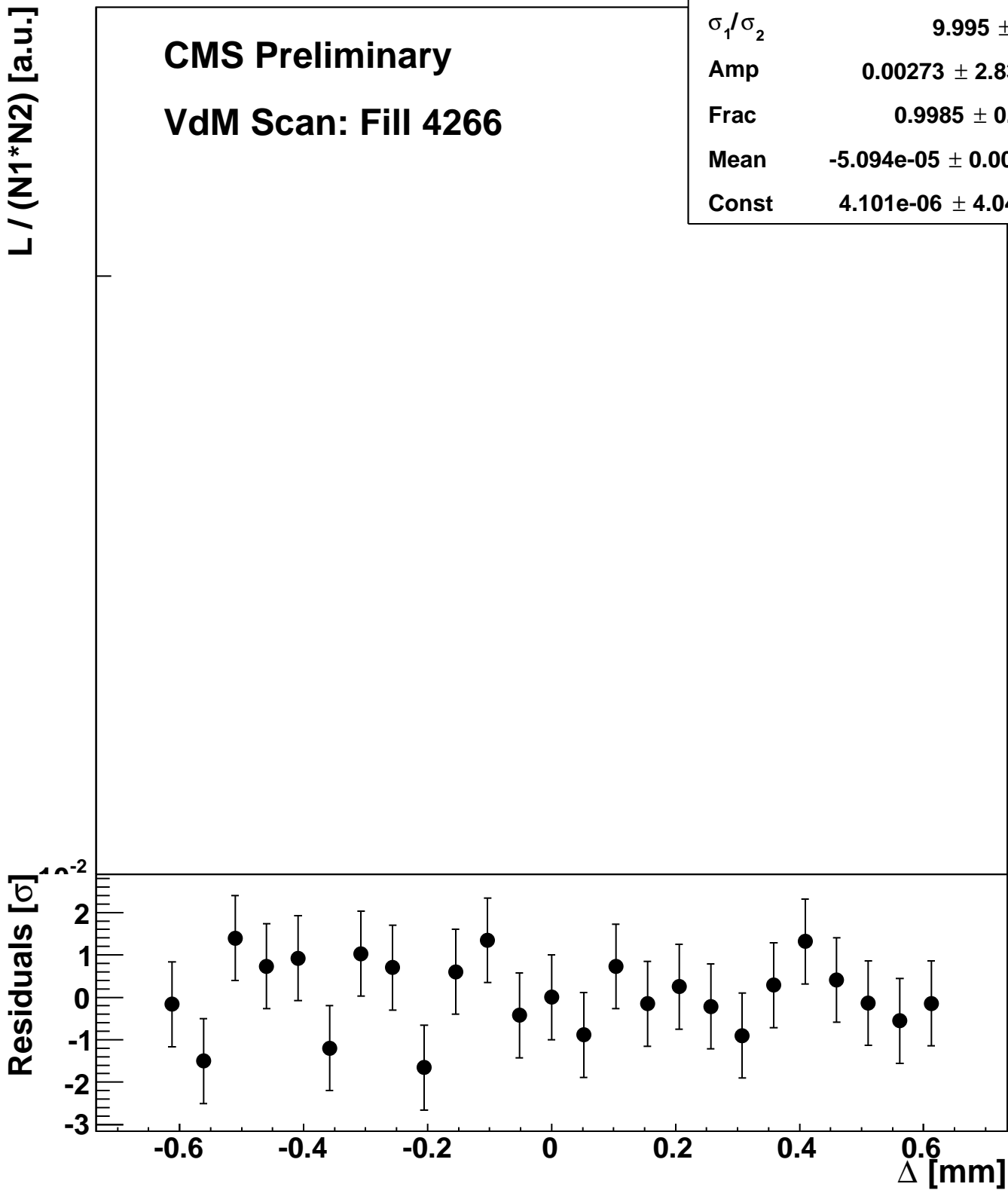
χ^2 / ndf	26.52 / 19
Σ	0.1163 ± 0.0004151
σ_1 / σ_2	1.02 ± 8.054
Amp	$0.002679 \pm 1.645\text{e-}05$
Frac	$5.732\text{e-}12 \pm 0.9598$
Mean	-0.001042 ± 0.0005596
Const	$5.735\text{e-}06 \pm 5.066\text{e-}07$

CMS Preliminary
VdM Scan: Fill 4266



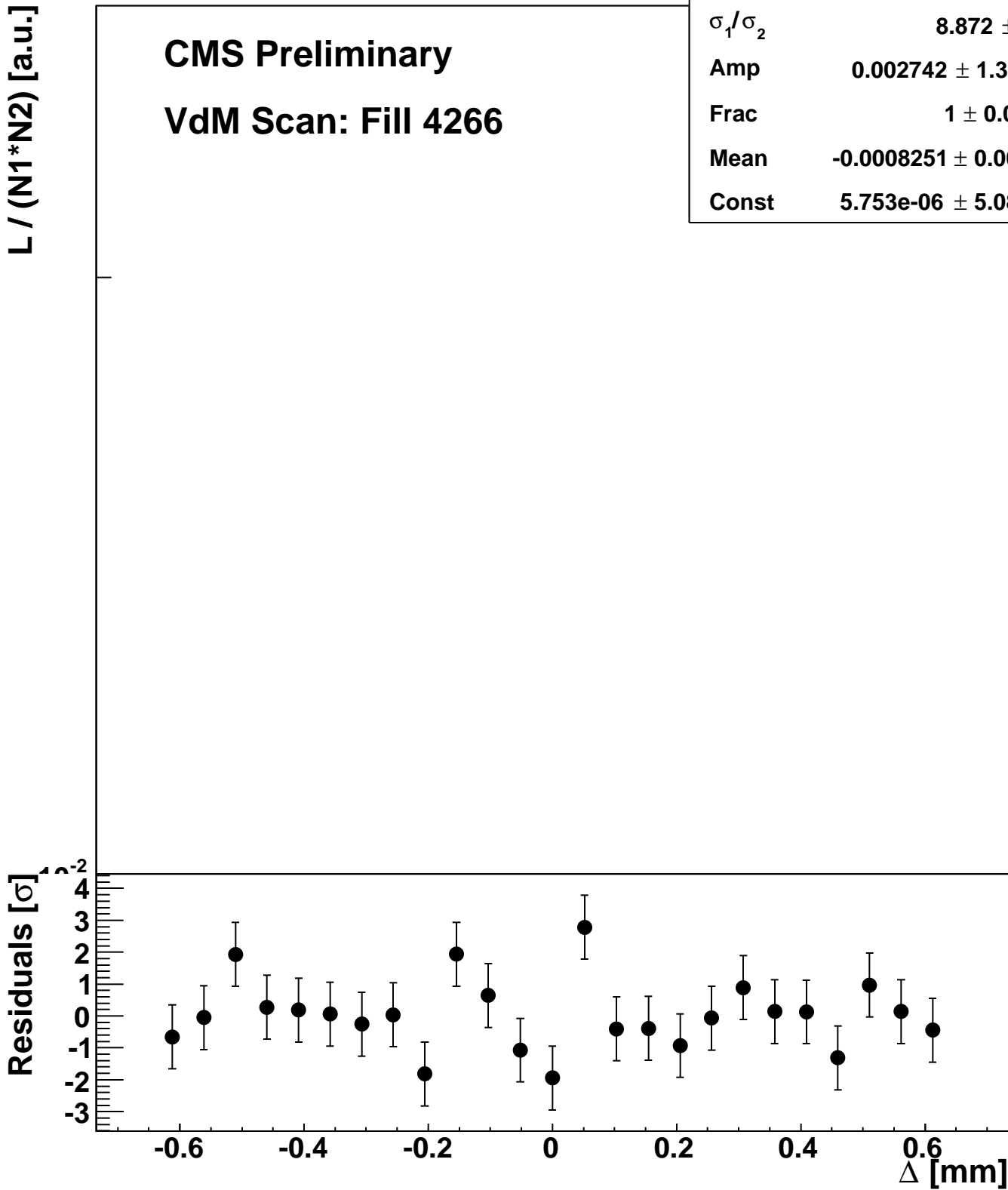
Scan 3: Y-plane BCID 1791

χ^2 / ndf	18.28 / 19
Σ	0.1162 ± 0.001184
σ_1 / σ_2	9.995 ± 9.834
Amp	$0.00273 \pm 2.839\text{e-}05$
Frac	0.9985 ± 0.02237
Mean	$-5.094\text{e-}05 \pm 0.0004802$
Const	$4.101\text{e-}06 \pm 4.049\text{e-}07$

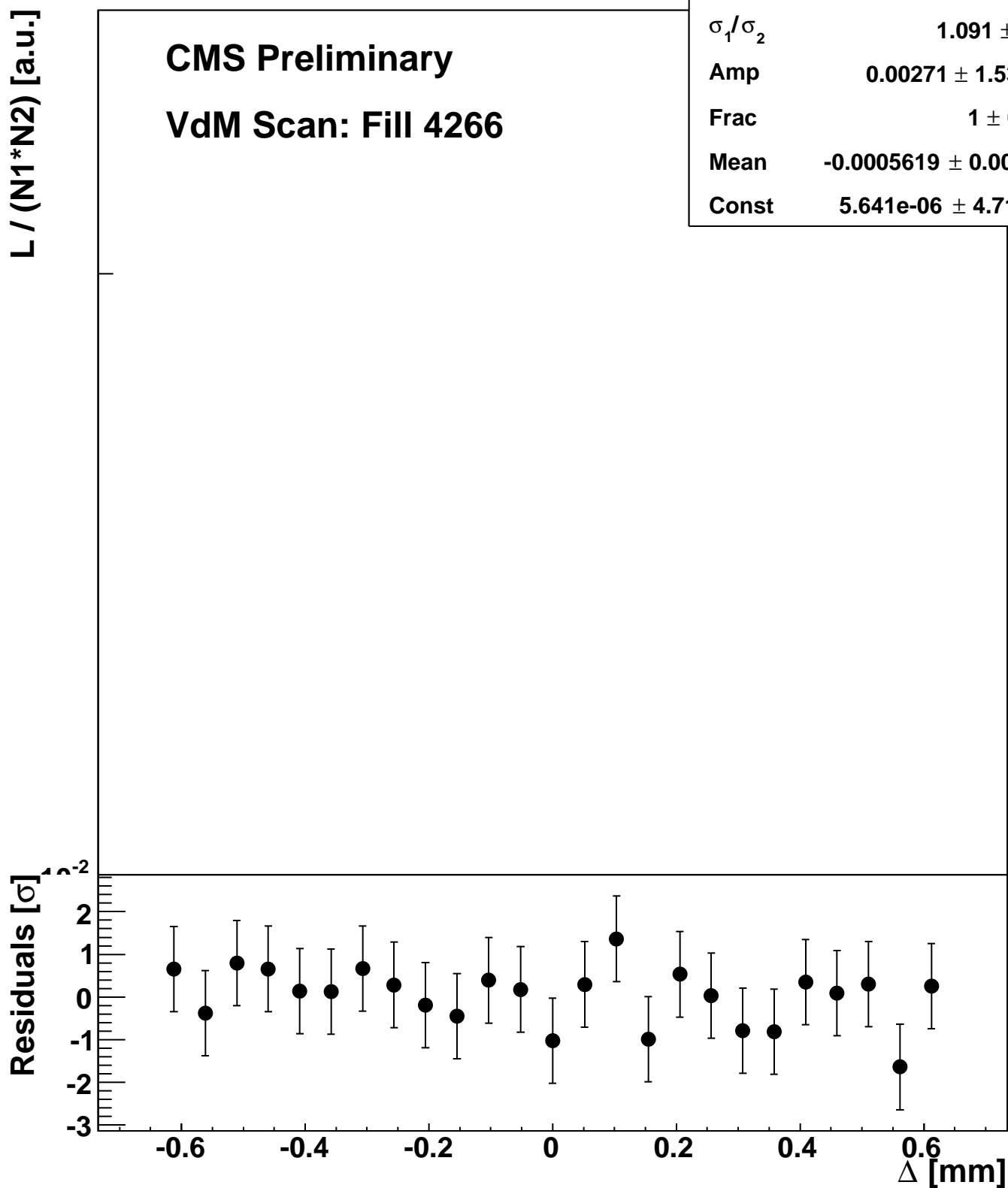


Scan 3: Y-plane BCID 1831

χ^2 / ndf	29.35 / 19
Σ	0.1159 ± 0.0003735
σ_1 / σ_2	8.872 ± 5.009
Amp	$0.002742 \pm 1.374\text{e-}05$
Frac	1 ± 0.002235
Mean	-0.0008251 ± 0.0004921
Const	$5.753\text{e-}06 \pm 5.086\text{e-}07$



Scan 3: Y-plane BCID 1871



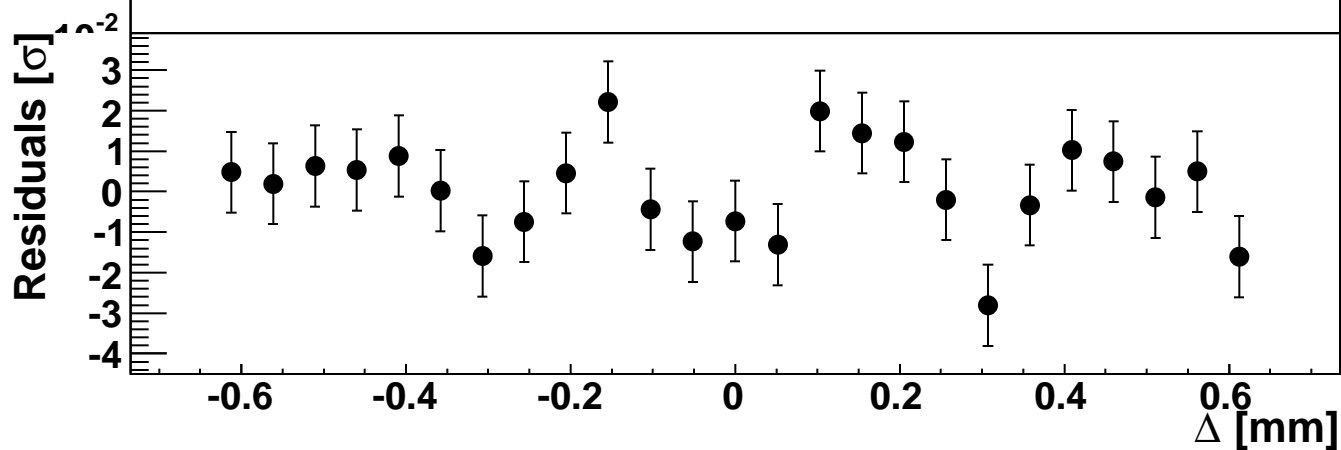
χ^2 / ndf	11.14 / 19
Σ	0.1164 ± 0.000379
σ_1 / σ_2	1.091 ± 5.376
Amp	$0.00271 \pm 1.532\text{e-}05$
Frac	1 ± 0.7183
Mean	-0.0005619 ± 0.0004997
Const	$5.641\text{e-}06 \pm 4.717\text{e-}07$

Scan 3: Y-plane BCID 1

L / (N1*N2) [a.u.]

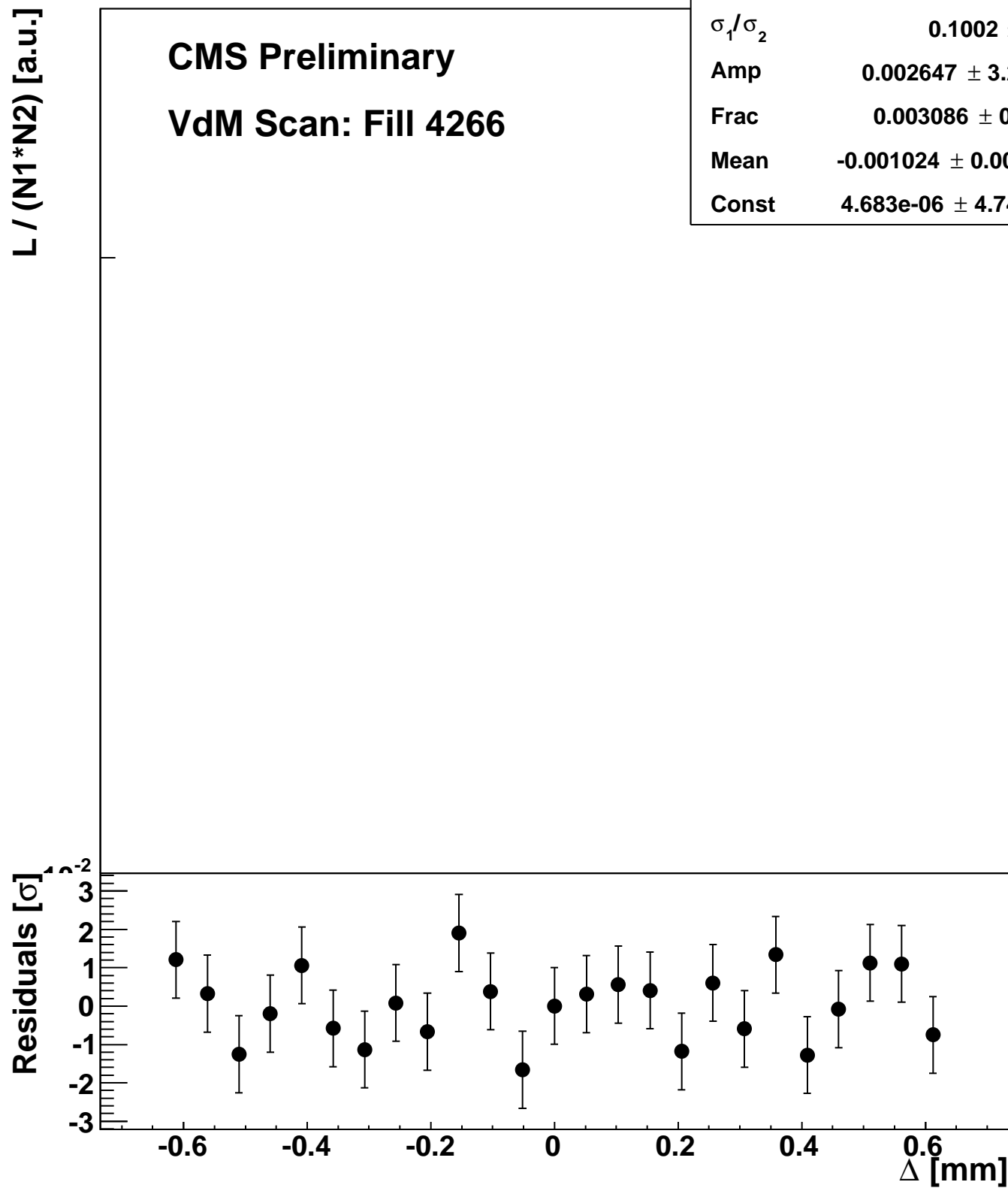
CMS Preliminary
VdM Scan: Fill 4266

χ^2 / ndf	33.9 / 19
Σ	0.1391 ± 0.0004776
σ_1 / σ_2	1.001 ± 0.001435
Amp	$0.002077 \pm 1.136\text{e-}05$
Frac	0.9947 ± 0.9911
Mean	-0.001243 ± 0.0006313
Const	$5.115\text{e-}06 \pm 5.485\text{e-}07$



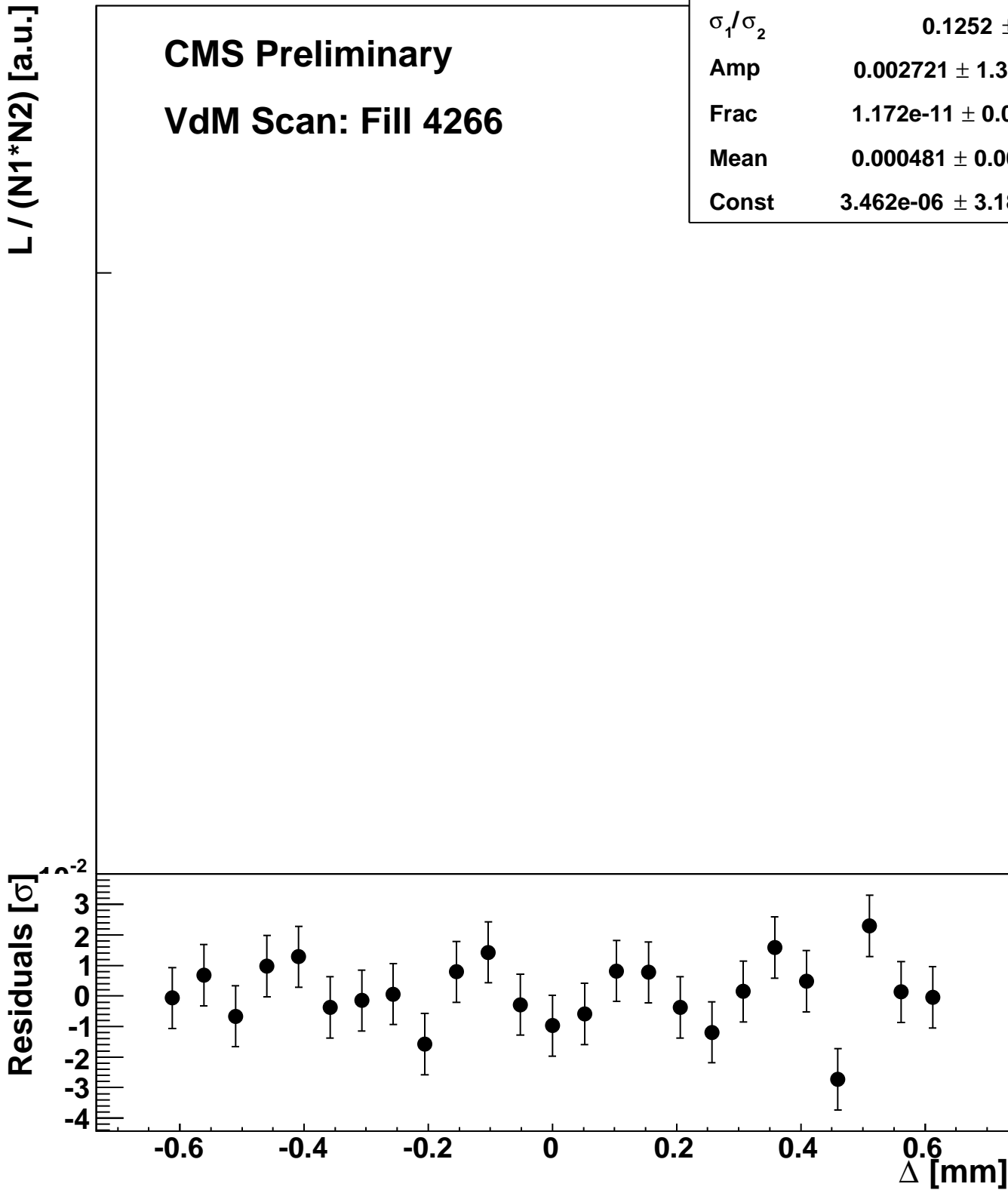
Scan 3: Y-plane BCID 211

χ^2 / ndf	22.04 / 19
Σ	0.1182 ± 0.001417
σ_1 / σ_2	0.1002 ± 9.13
Amp	$0.002647 \pm 3.29\text{e-}05$
Frac	0.003086 ± 0.01541
Mean	-0.001024 ± 0.0004918
Const	$4.683\text{e-}06 \pm 4.741\text{e-}07$

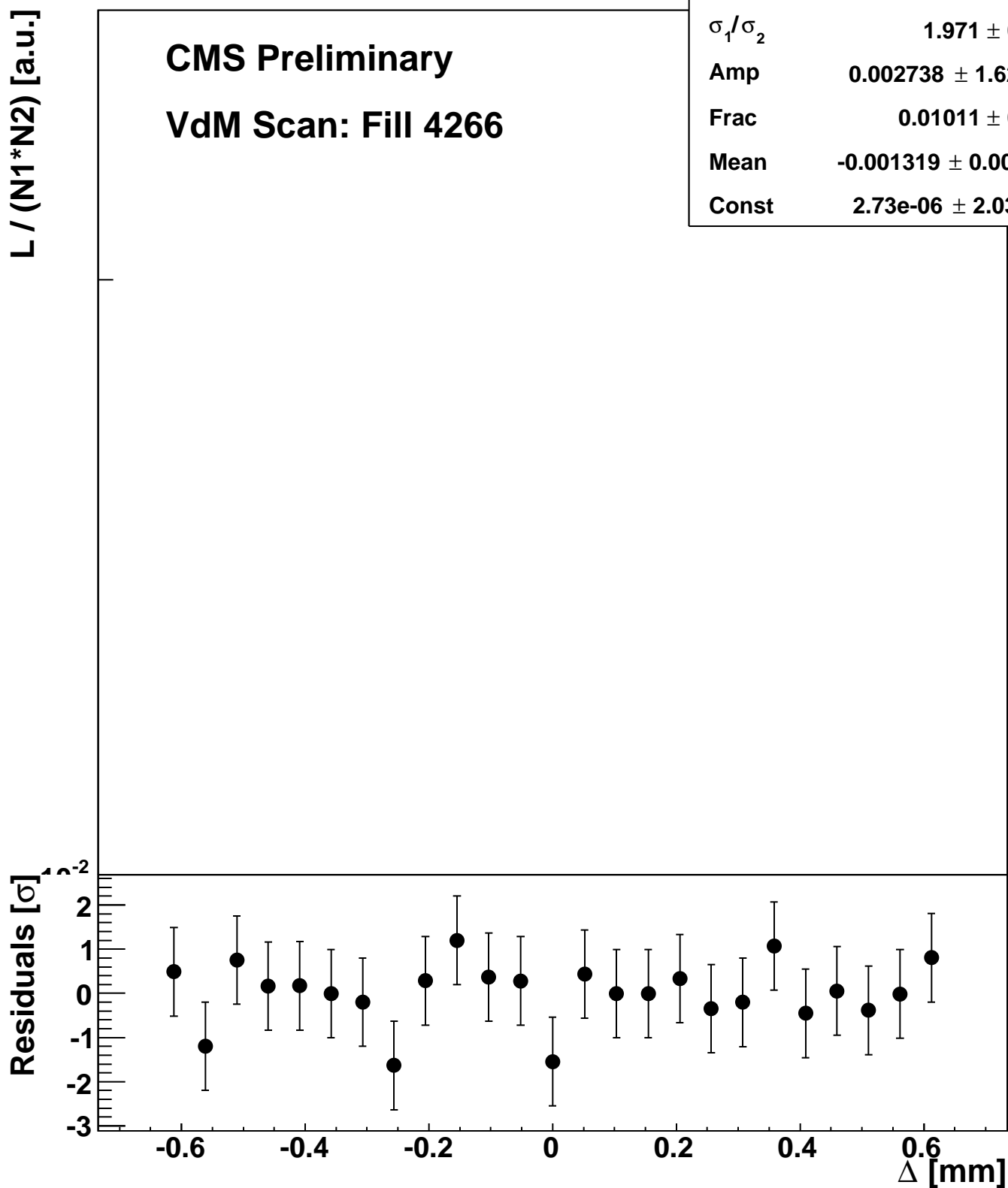


Scan 3: Y-plane BCID 2211

χ^2 / ndf	28.56 / 19
Σ	0.1168 ± 0.0003721
σ_1 / σ_2	0.1252 ± 6.782
Amp	$0.002721 \pm 1.344\text{e-}05$
Frac	$1.172\text{e-}11 \pm 0.005294$
Mean	0.000481 ± 0.0005011
Const	$3.462\text{e-}06 \pm 3.181\text{e-}07$

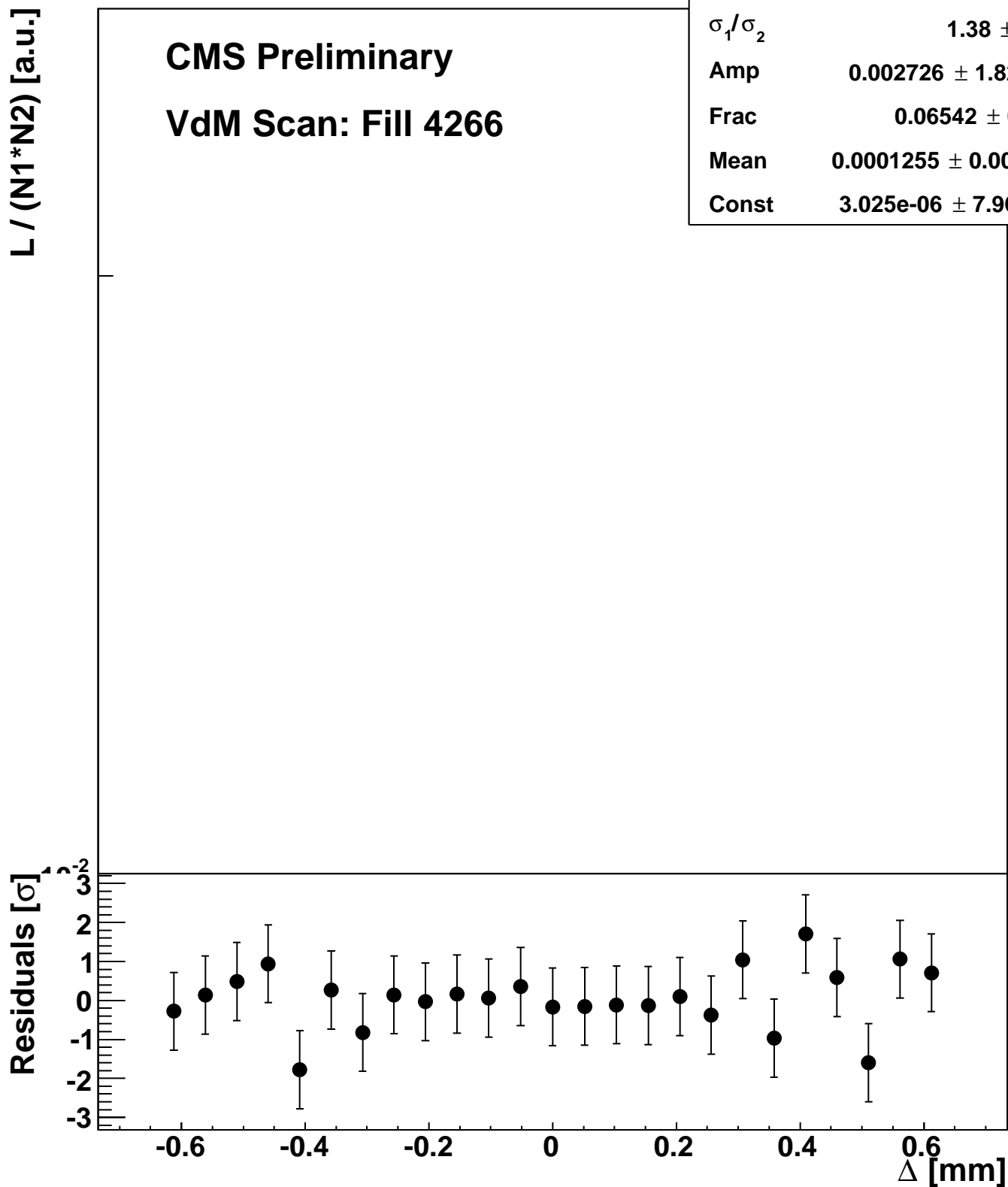


Scan 3: Y-plane BCID 2251



χ^2 / ndf	11.74 / 19
Σ	0.1162 ± 0.0006325
σ_1 / σ_2	1.971 ± 0.8155
Amp	$0.002738 \pm 1.625\text{e-}05$
Frac	0.01011 ± 0.0119
Mean	-0.001319 ± 0.0005152
Const	$2.73\text{e-}06 \pm 2.033\text{e-}06$

Scan 3: Y-plane BCID 2291



χ^2 / ndf	14.98 / 19
Σ	0.1162 ± 0.0005721
σ_1 / σ_2	1.38 ± 0.283
Amp	$0.002726 \pm 1.827\text{e-}05$
Frac	0.06542 ± 0.1073
Mean	0.0001255 ± 0.0005333
Const	$3.025\text{e-}06 \pm 7.966\text{e-}07$

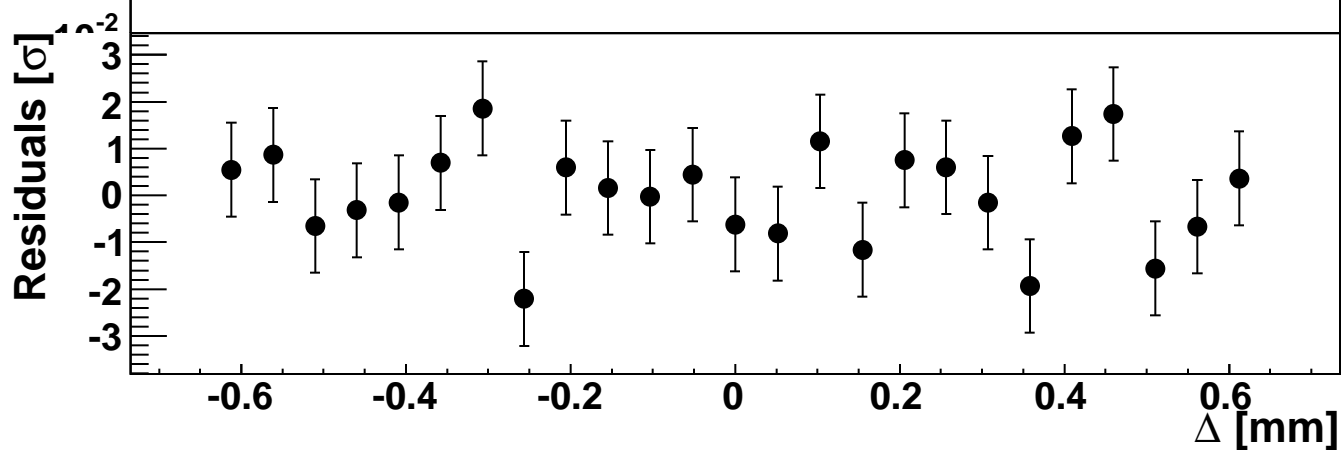
Scan 3: Y-plane BCID 2331

L / (N1*N2) [a.u.]

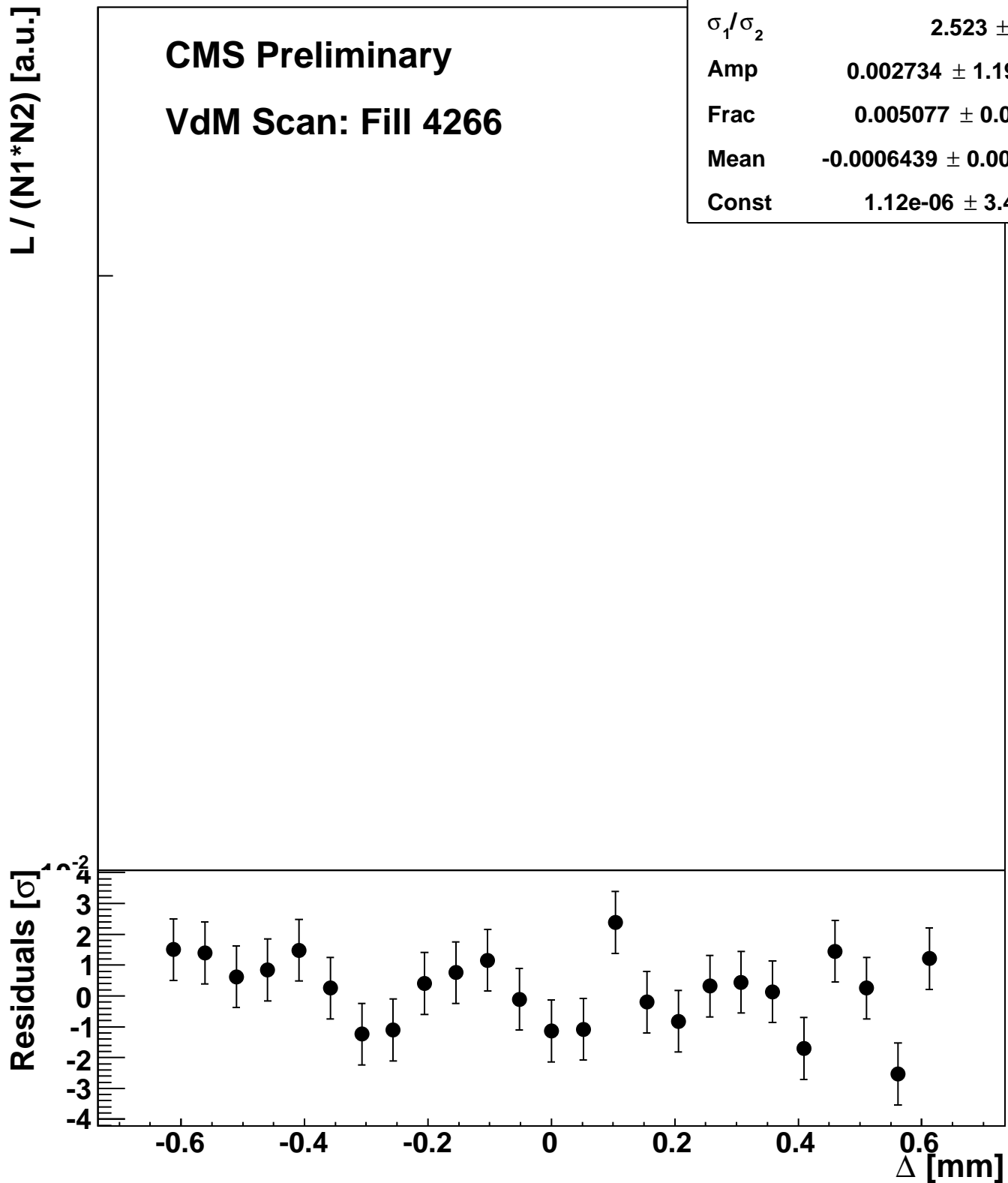
CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	27.02 / 19
Σ	0.1147 ± 0.0004889
σ_1 / σ_2	1.46 ± 0.2982
Amp	$0.002733 \pm 1.61\text{e-}05$
Frac	0.0329 ± 0.0446
Mean	0.0004541 ± 0.0005051
Const	$3.949\text{e-}06 \pm 6.792\text{e-}07$



Scan 3: Y-plane BCID 2371



χ^2 / ndf	34.52 / 19
Σ	0.1161 ± 0.0008096
σ_1 / σ_2	2.523 ± 1.428
Amp	$0.002734 \pm 1.198\text{e-}05$
Frac	0.005077 ± 0.003369
Mean	-0.0006439 ± 0.0004715
Const	$1.12\text{e-}06 \pm 3.47\text{e-}06$

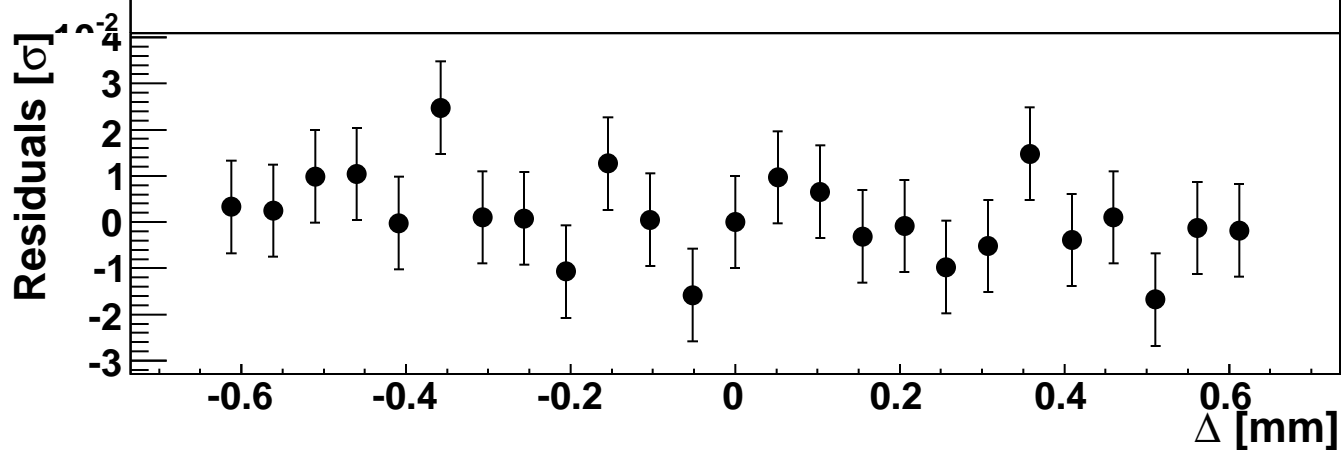
Scan 3: Y-plane BCID 2411

L / (N1*N2) [a.u.]

CMS Preliminary

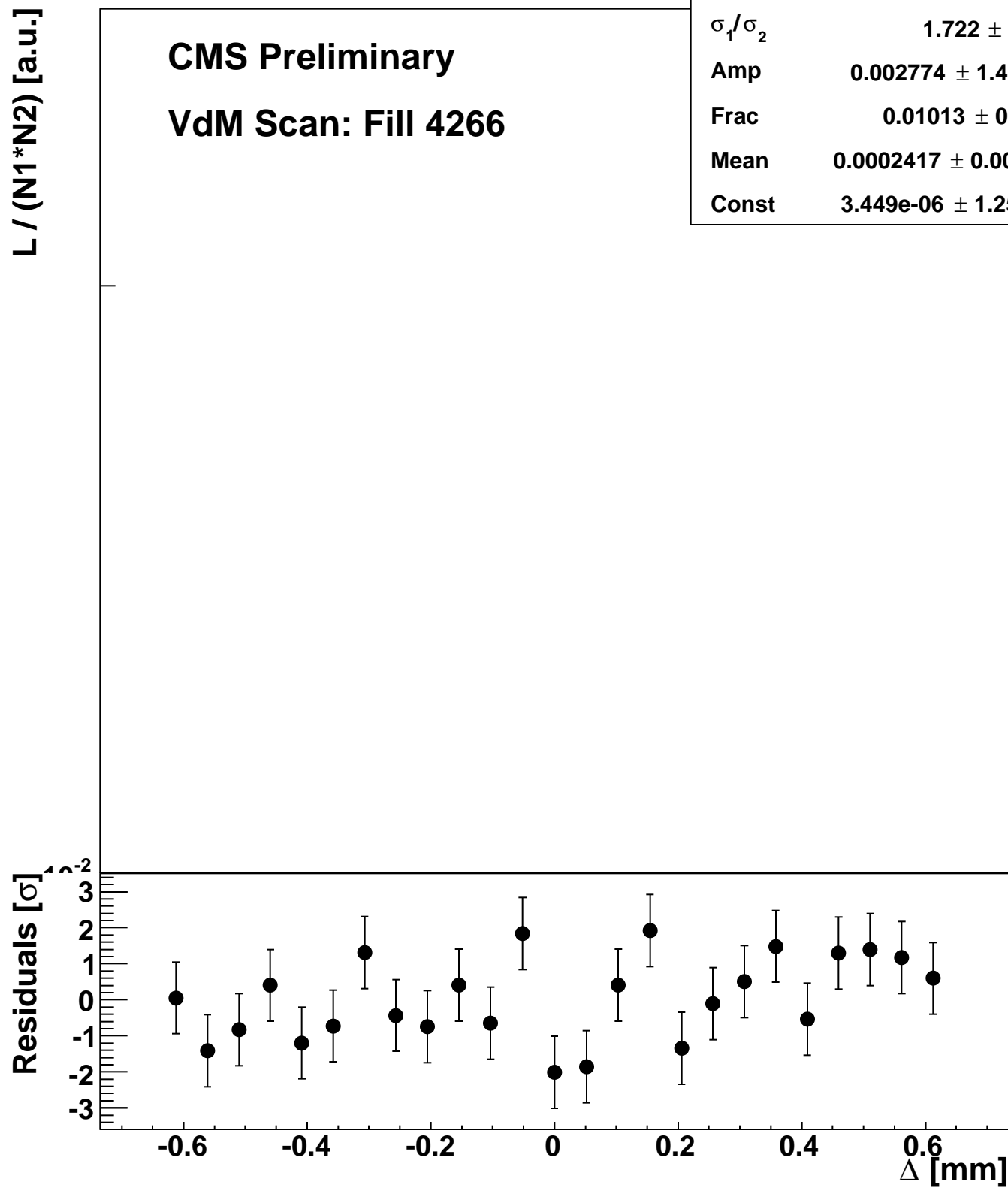
VdM Scan: Fill 4266

χ^2 / ndf	21.55 / 19
Σ	0.1154 ± 0.001577
σ_1 / σ_2	10 ± 5.235
Amp	$0.002737 \pm 3.551\text{e-}05$
Frac	0.9849 ± 0.01435
Mean	$-1.644\text{e-}05 \pm 0.000562$
Const	$4.895\text{e-}06 \pm 4.718\text{e-}07$

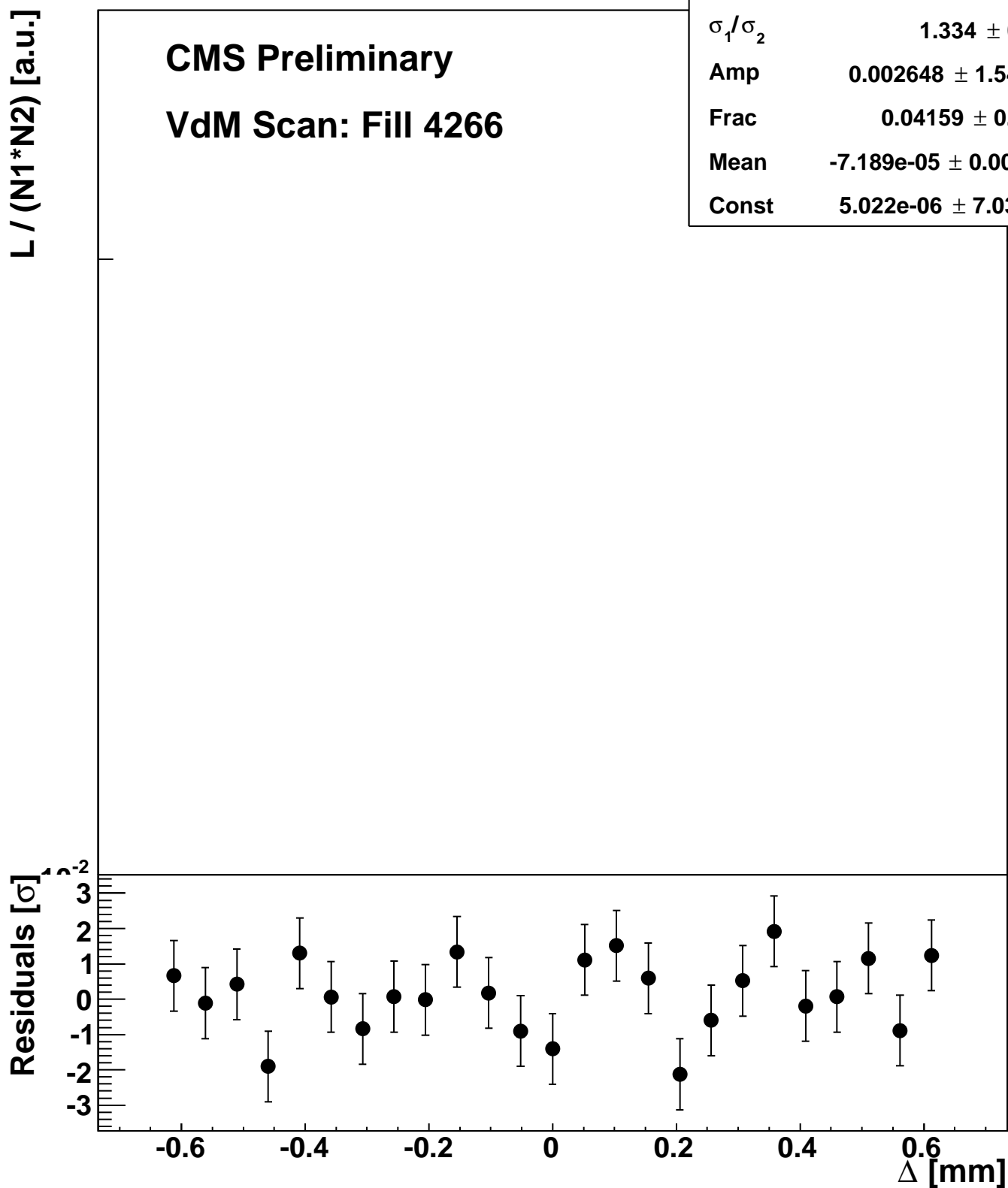


Scan 3: Y-plane BCID 2451

χ^2 / ndf	32.53 / 19
Σ	0.1147 ± 0.000492
σ_1 / σ_2	1.722 ± 0.8675
Amp	$0.002774 \pm 1.476\text{e-}05$
Frac	0.01013 ± 0.02107
Mean	0.0002417 ± 0.0004638
Const	$3.449\text{e-}06 \pm 1.257\text{e-}06$

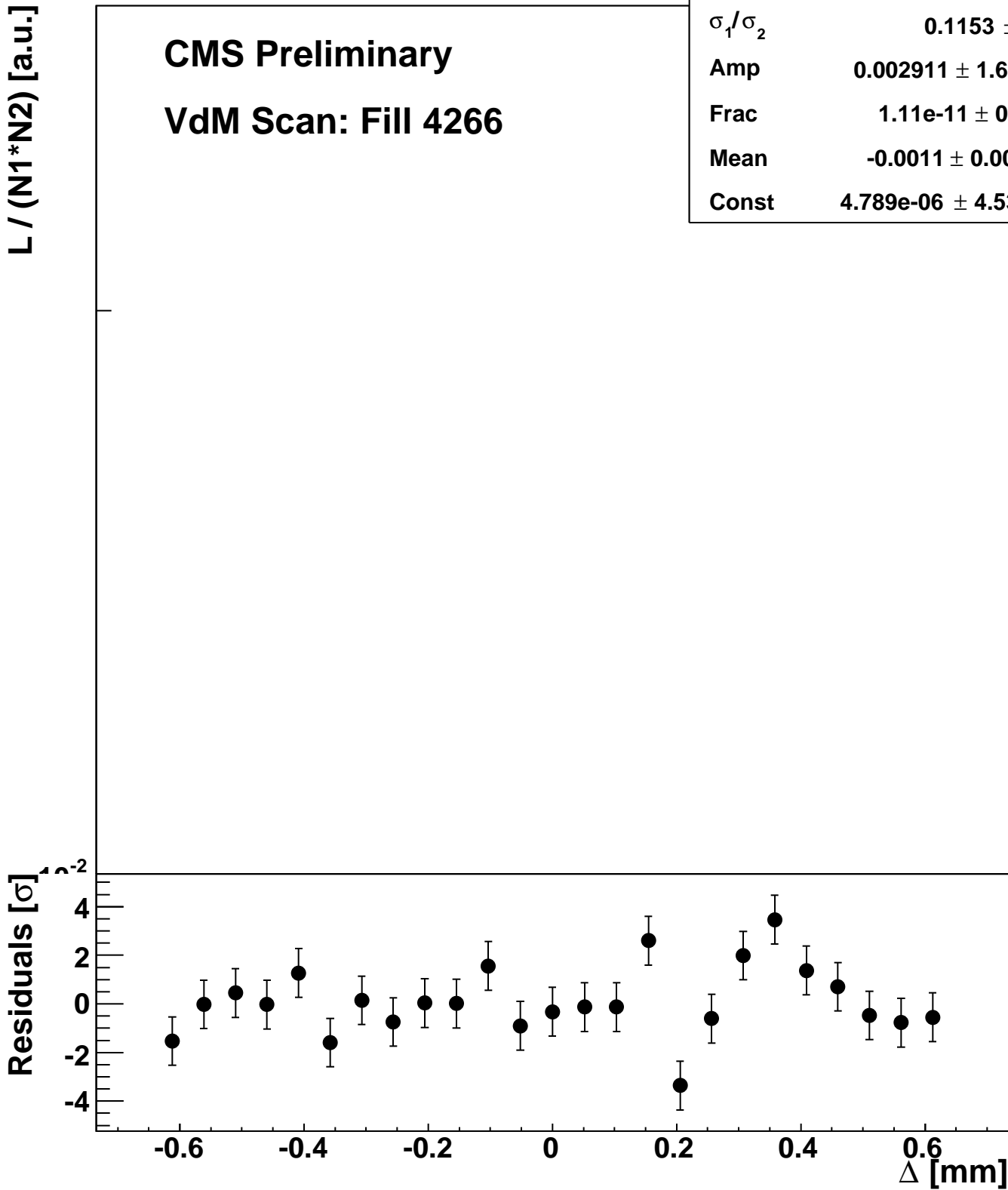


Scan 3: Y-plane BCID 251



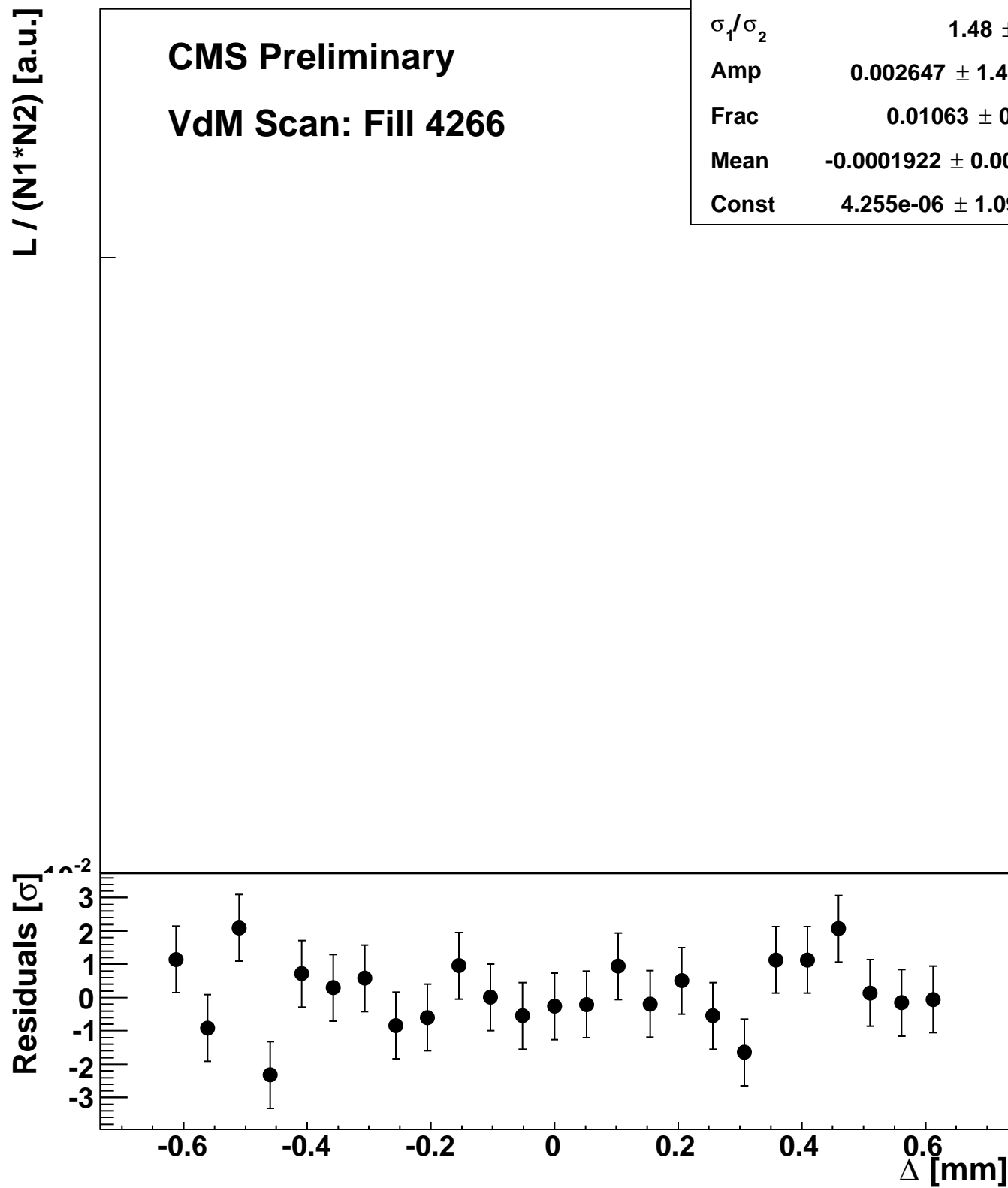
Scan 3: Y-plane BCID 2674

χ^2 / ndf	48.51 / 19
Σ	0.1118 ± 0.0003779
σ_1 / σ_2	0.1153 ± 6.841
Amp	$0.002911 \pm 1.646\text{e-}05$
Frac	$1.11\text{e-}11 \pm 0.01534$
Mean	-0.0011 ± 0.0004976
Const	$4.789\text{e-}06 \pm 4.532\text{e-}07$

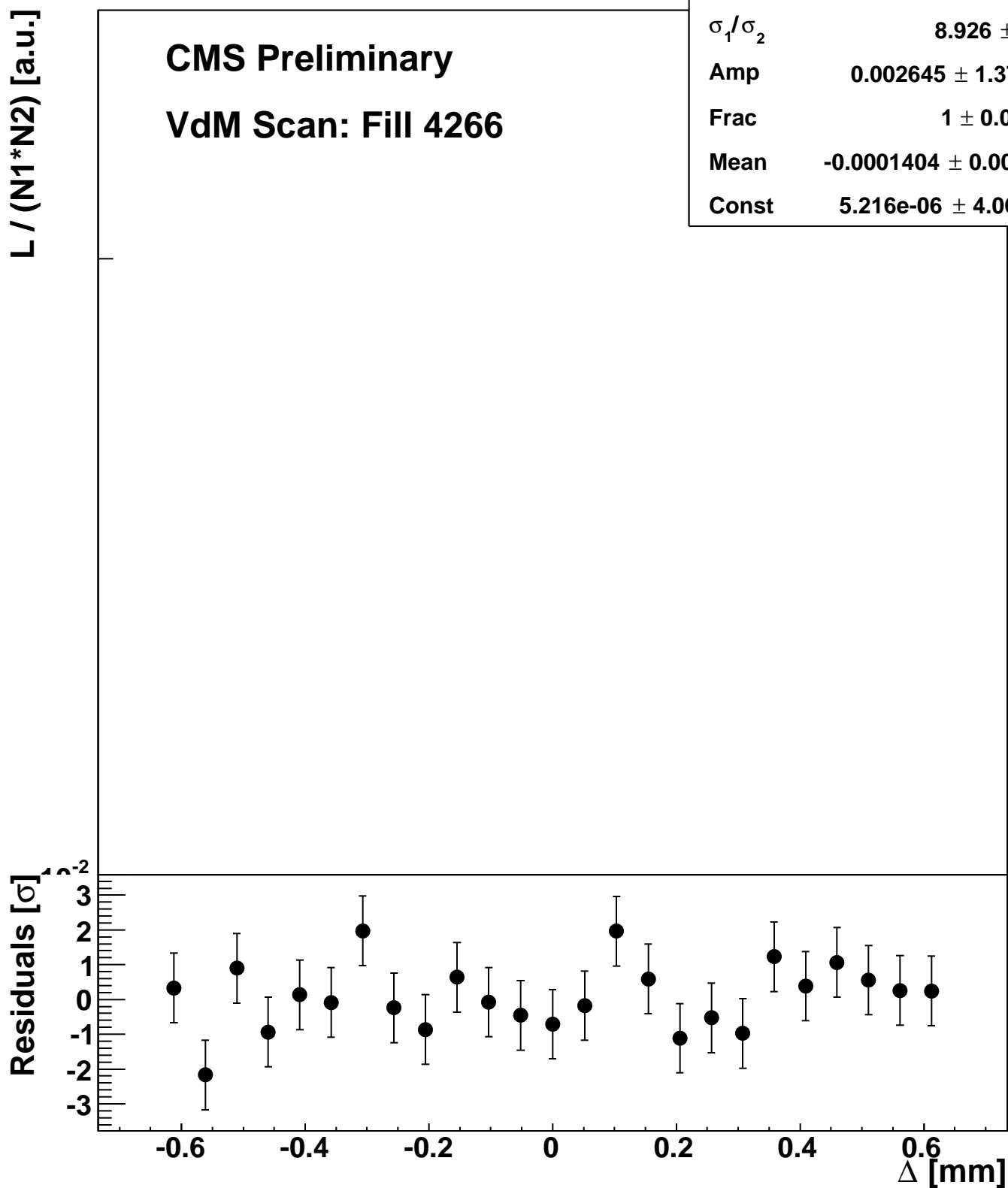


Scan 3: Y-plane BCID 291

χ^2 / ndf	26.29 / 19
Σ	0.118 ± 0.0005079
σ_1 / σ_2	1.48 ± 1.213
Amp	$0.002647 \pm 1.435\text{e-}05$
Frac	0.01063 ± 0.06341
Mean	-0.0001922 ± 0.0004622
Const	$4.255\text{e-}06 \pm 1.094\text{e-}06$



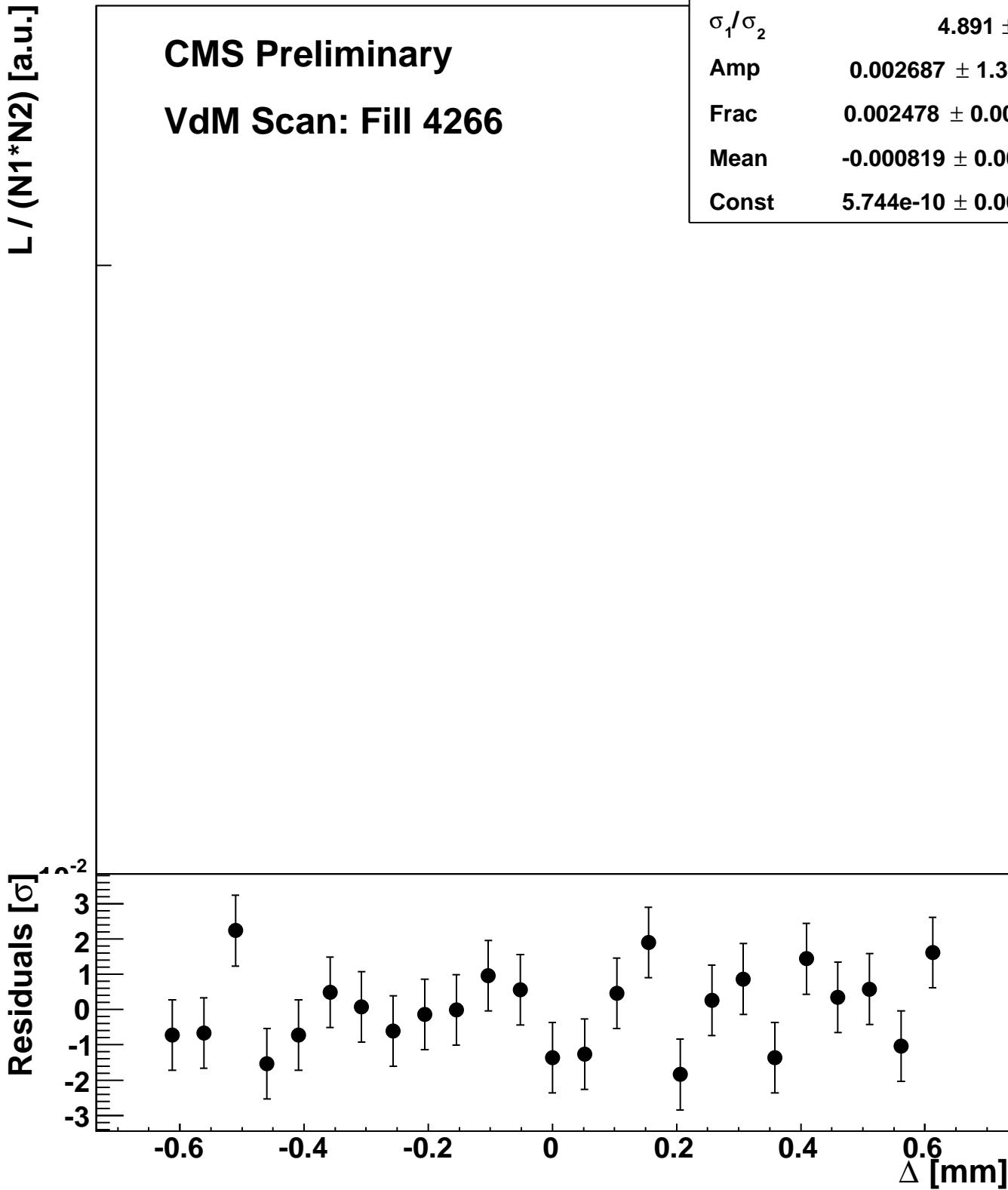
Scan 3: Y-plane BCID 51



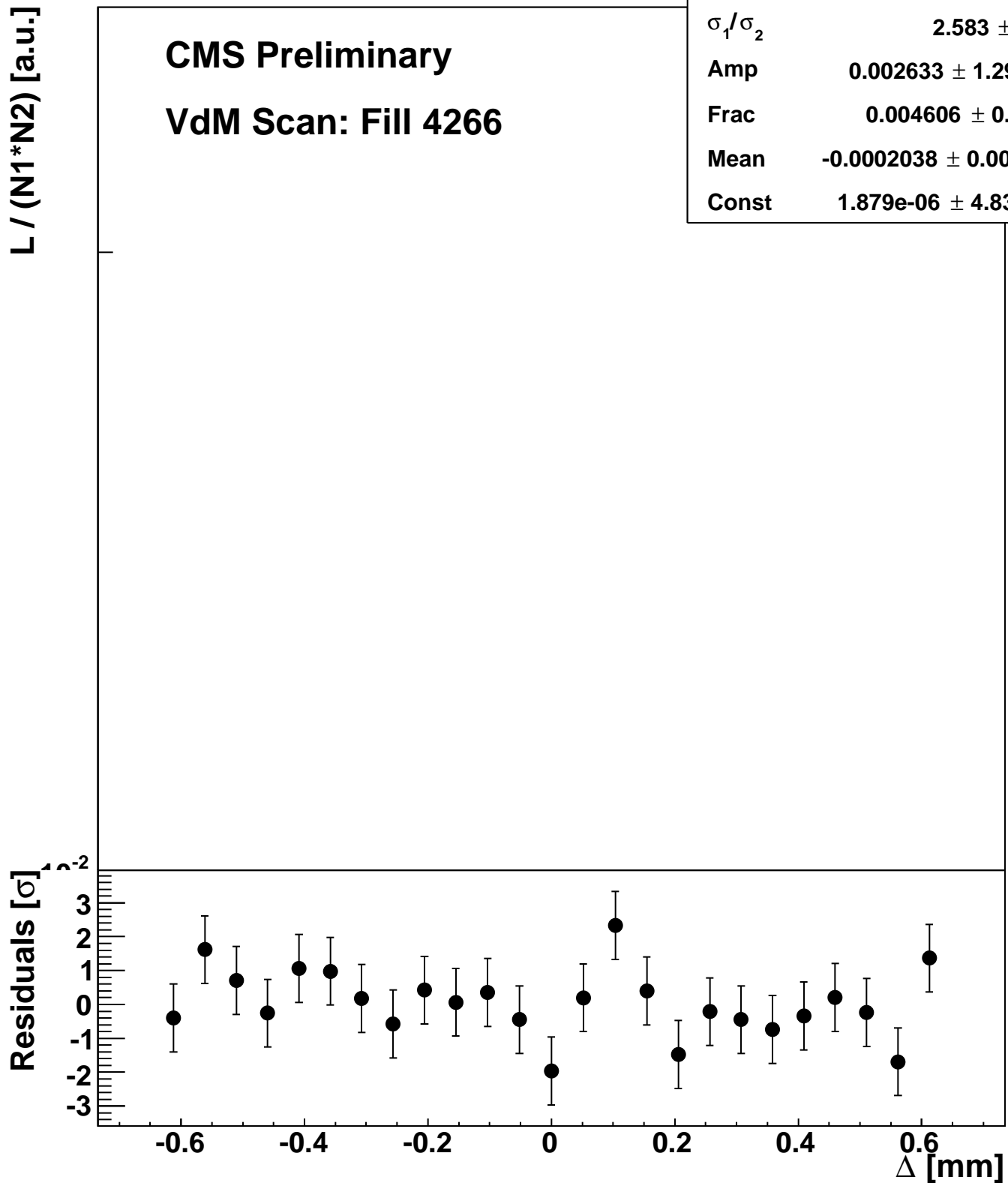
χ^2 / ndf	22.28 / 19
Σ	0.1179 ± 0.0003629
σ_1 / σ_2	8.926 ± 9.345
Amp	$0.002645 \pm 1.379\text{e-}05$
Frac	1 ± 0.007358
Mean	-0.0001404 ± 0.0004919
Const	$5.216\text{e-}06 \pm 4.066\text{e-}07$

Scan 3: Y-plane BCID 771

χ^2 / ndf	30.33 / 19
Σ	0.1181 ± 0.0005076
σ_1 / σ_2	4.891 ± 1.739
Amp	$0.002687 \pm 1.344\text{e-}05$
Frac	0.002478 ± 0.0008332
Mean	-0.000819 ± 0.0004661
Const	$5.744\text{e-}10 \pm 0.0001041$



Scan 3: Y-plane BCID 811



χ^2 / ndf	23.71 / 19
Σ	0.1192 ± 0.001103
σ_1 / σ_2	2.583 ± 2.045
Amp	$0.002633 \pm 1.292\text{e-}05$
Frac	0.004606 ± 0.00349
Mean	-0.0002038 ± 0.0004607
Const	$1.879\text{e-}06 \pm 4.837\text{e-}06$

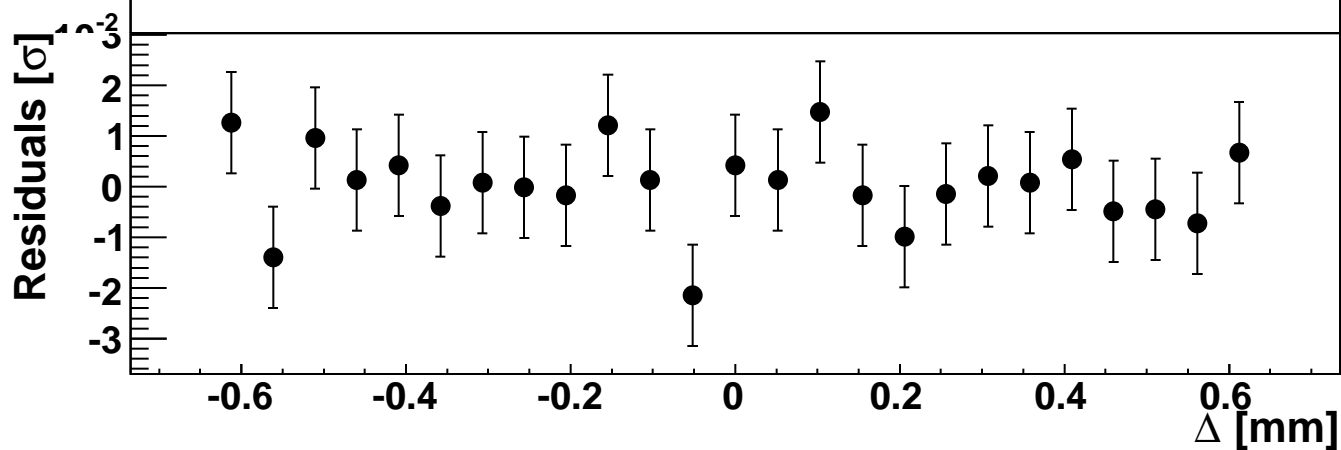
Scan 3: Y-plane BCID 851

L / (N1*N2) [a.u.]

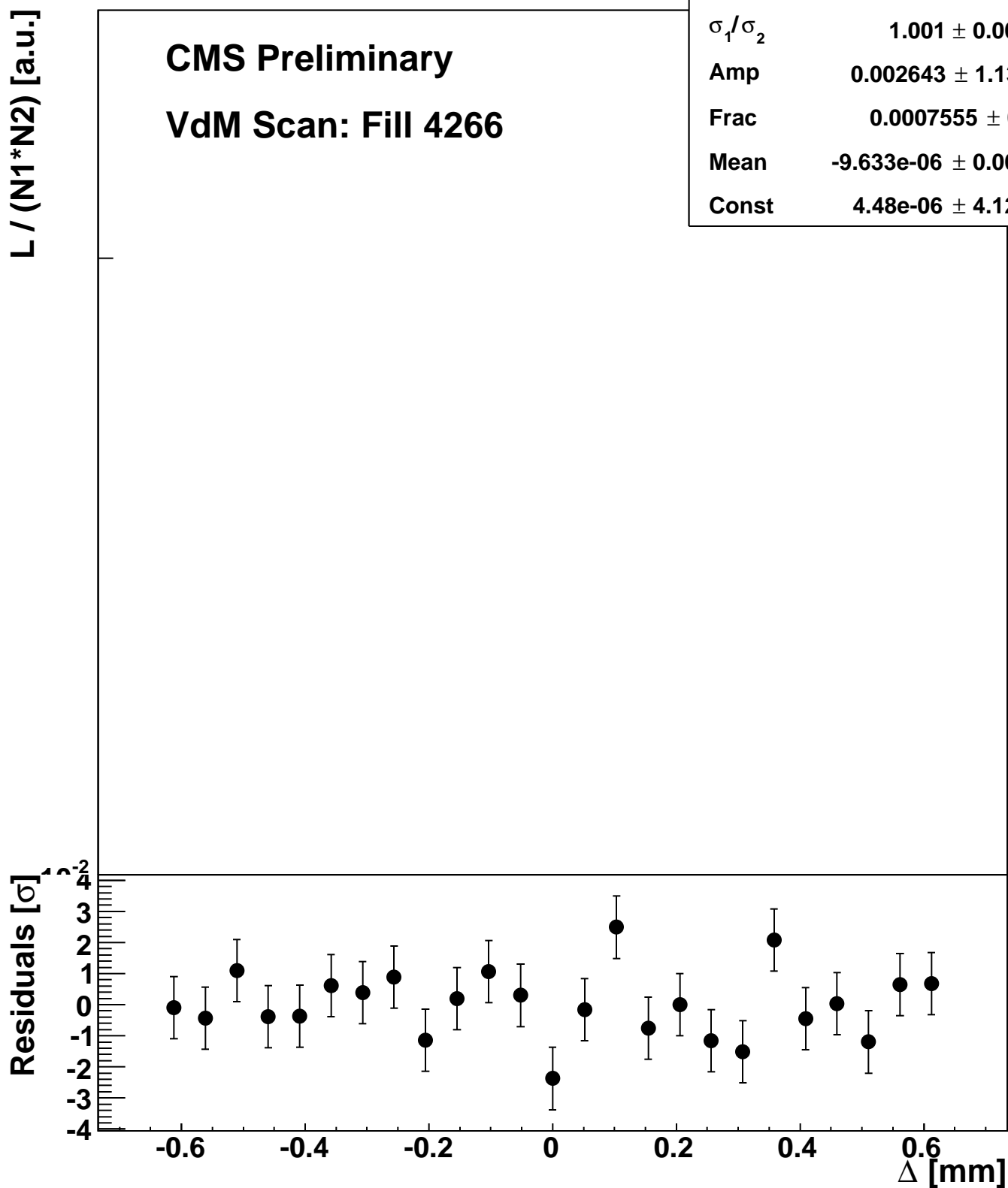
CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	16.01 / 19
Σ	0.1176 ± 0.0004375
σ_1 / σ_2	1.416 ± 0.2248
Amp	$0.002657 \pm 1.424\text{e-}05$
Frac	0.05204 ± 0.0601
Mean	-0.0003535 ± 0.0004564
Const	$3.134\text{e-}06 \pm 6.151\text{e-}07$



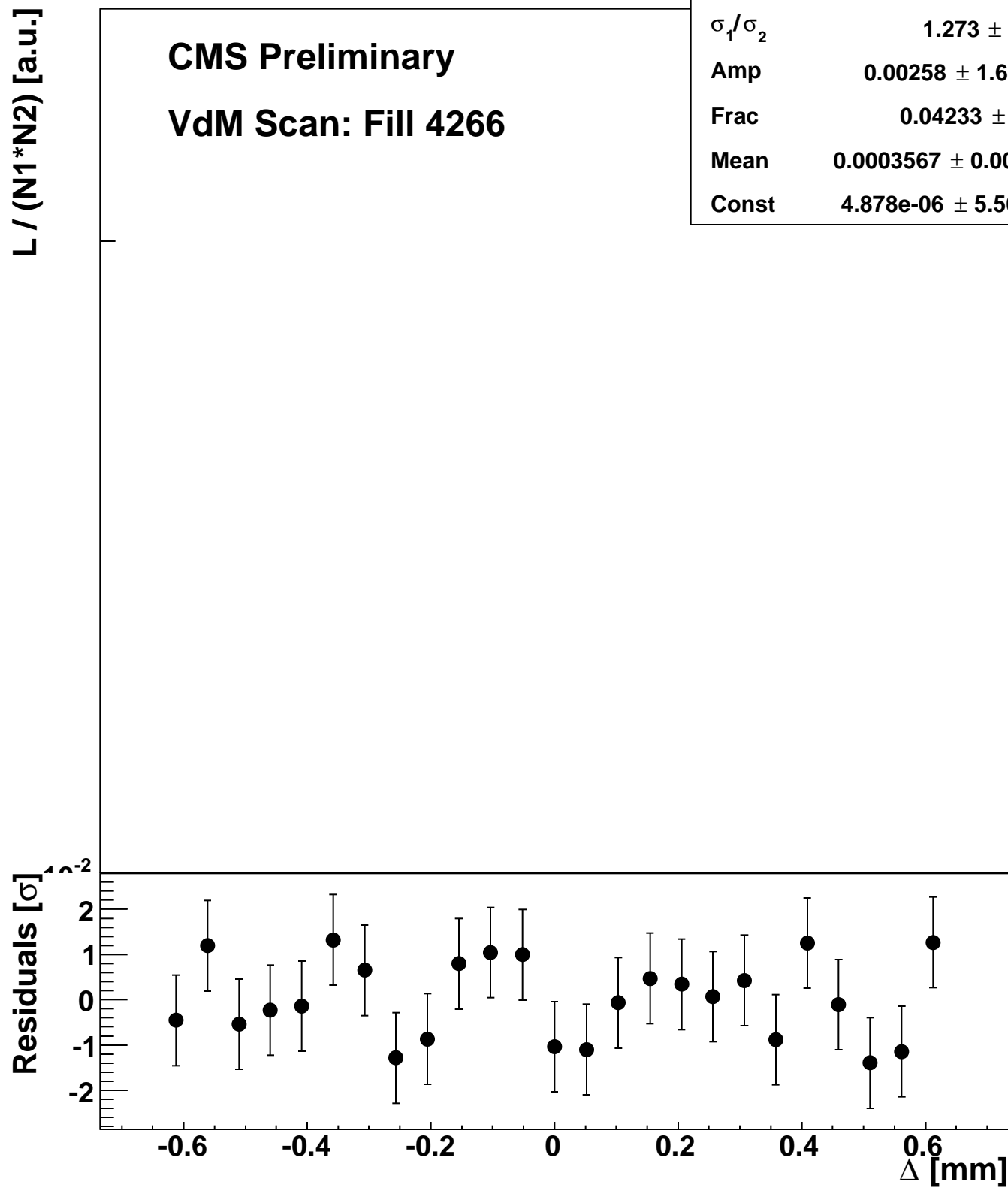
Scan 3: Y-plane BCID 891



χ^2 / ndf	28.48 / 19
Σ	0.1171 ± 0.0003539
σ_1 / σ_2	1.001 ± 0.0009161
Amp	$0.002643 \pm 1.135\text{e-}05$
Frac	0.0007555 ± 0.9542
Mean	$-9.633\text{e-}06 \pm 0.0004651$
Const	$4.48\text{e-}06 \pm 4.127\text{e-}07$

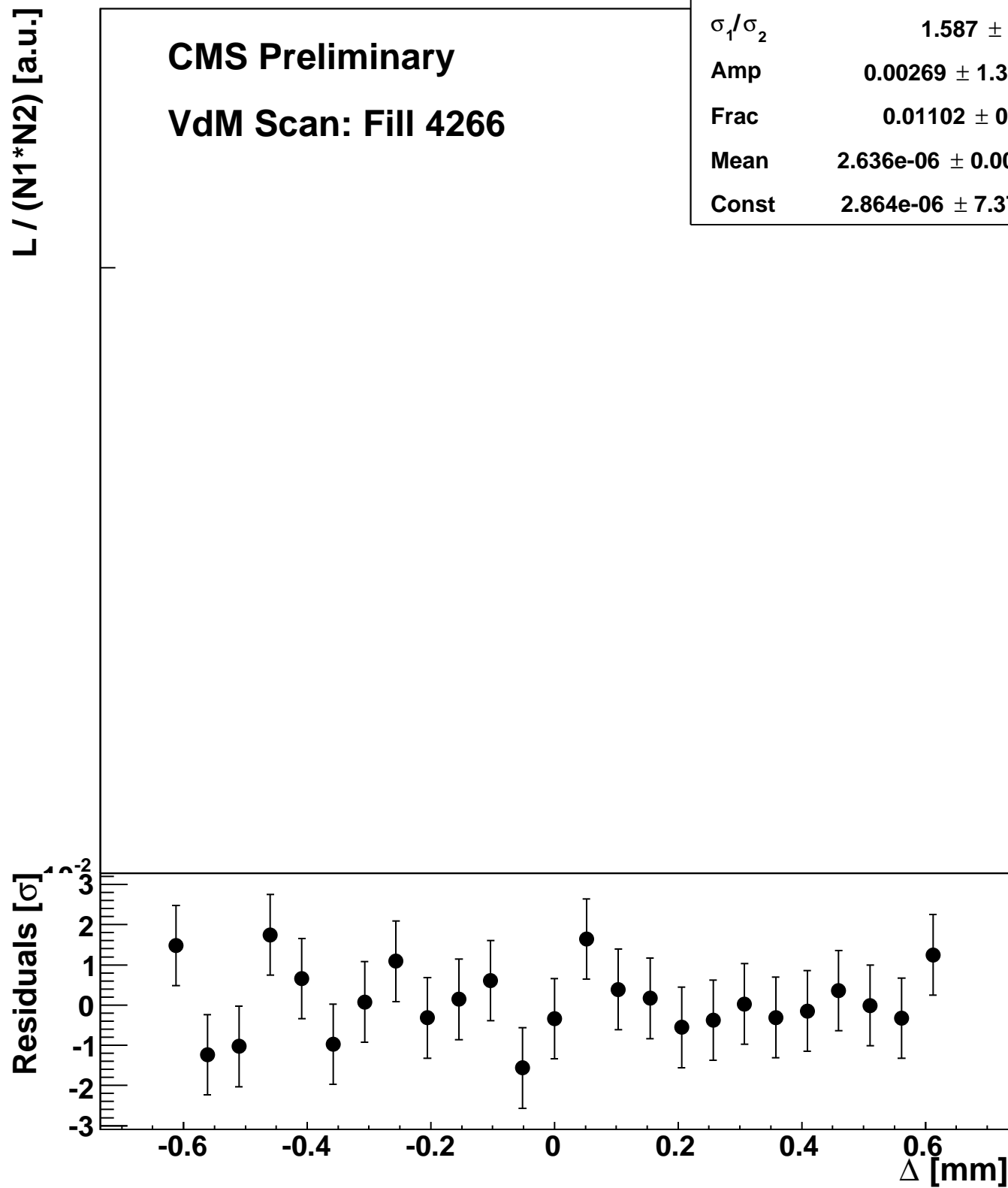
Scan 3: Y-plane BCID 91

χ^2 / ndf	19.31 / 19
Σ	0.1186 ± 0.0004882
σ_1 / σ_2	1.273 ± 0.3939
Amp	$0.00258 \pm 1.606\text{e-}05$
Frac	0.04233 ± 0.1271
Mean	0.0003567 ± 0.0005099
Const	$4.878\text{e-}06 \pm 5.503\text{e-}07$



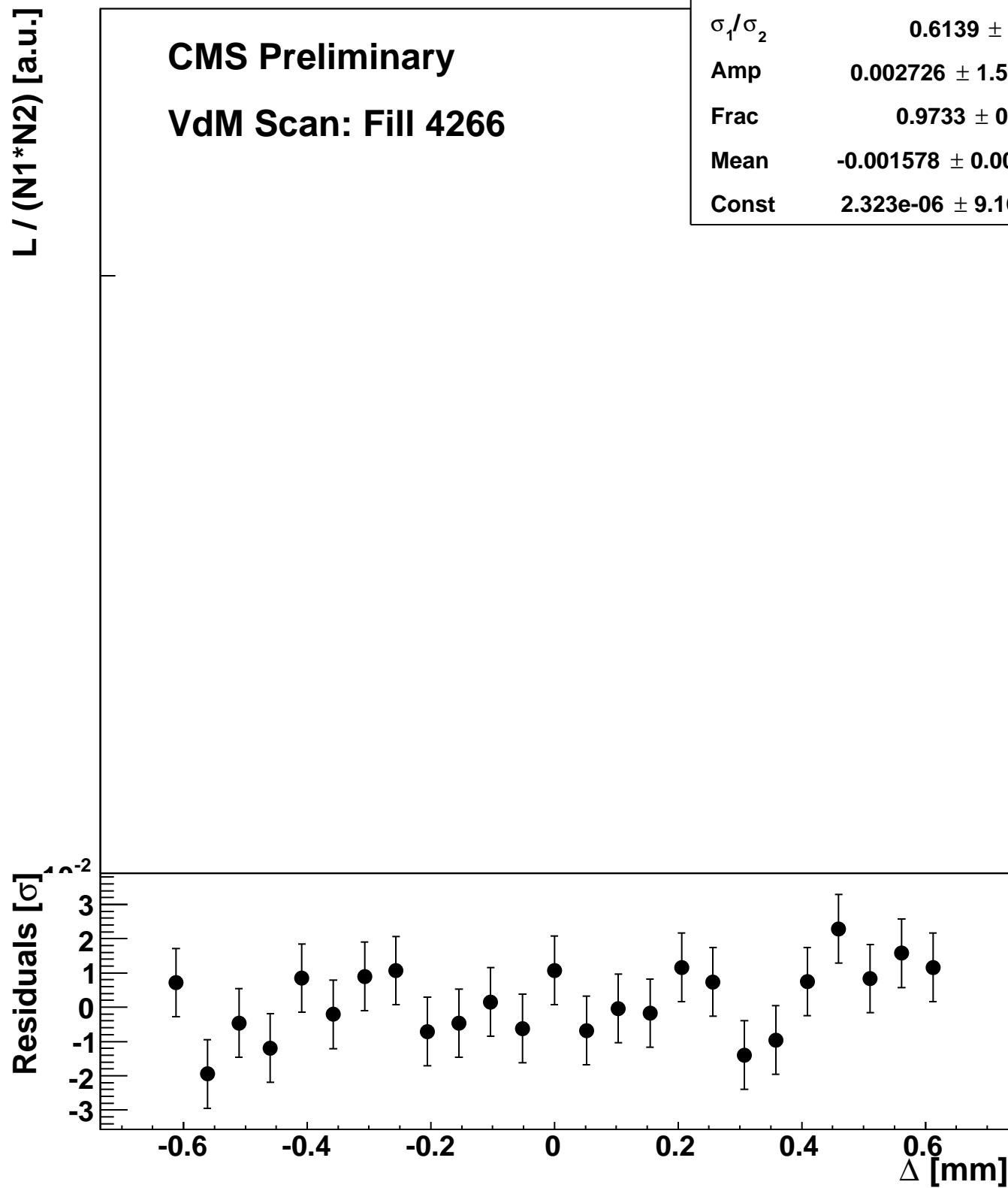
Scan 3: Y-plane BCID 931

χ^2 / ndf	18.71 / 19
Σ	0.1171 ± 0.0004148
σ_1 / σ_2	1.587 ± 0.5405
Amp	$0.00269 \pm 1.348\text{e-}05$
Frac	0.01102 ± 0.01932
Mean	$2.636\text{e-}06 \pm 0.0004632$
Const	$2.864\text{e-}06 \pm 7.371\text{e-}07$

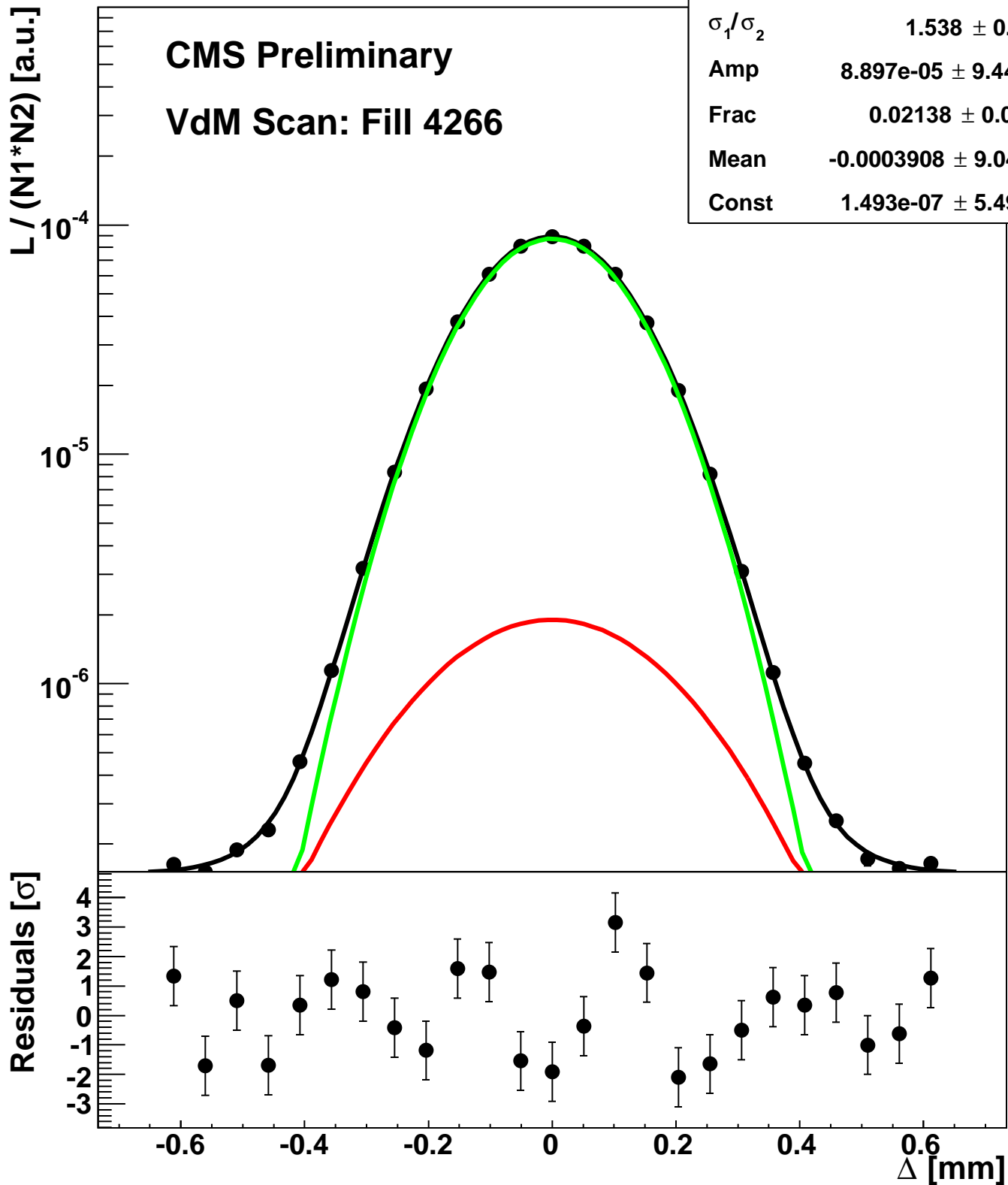


Scan 3: Y-plane BCID 971

χ^2 / ndf	26.54 / 19
Σ	0.1158 ± 0.0005266
σ_1 / σ_2	0.6139 ± 0.1272
Amp	$0.002726 \pm 1.546\text{e-}05$
Frac	0.9733 ± 0.02712
Mean	-0.001578 ± 0.0004792
Const	$2.323\text{e-}06 \pm 9.168\text{e-}07$



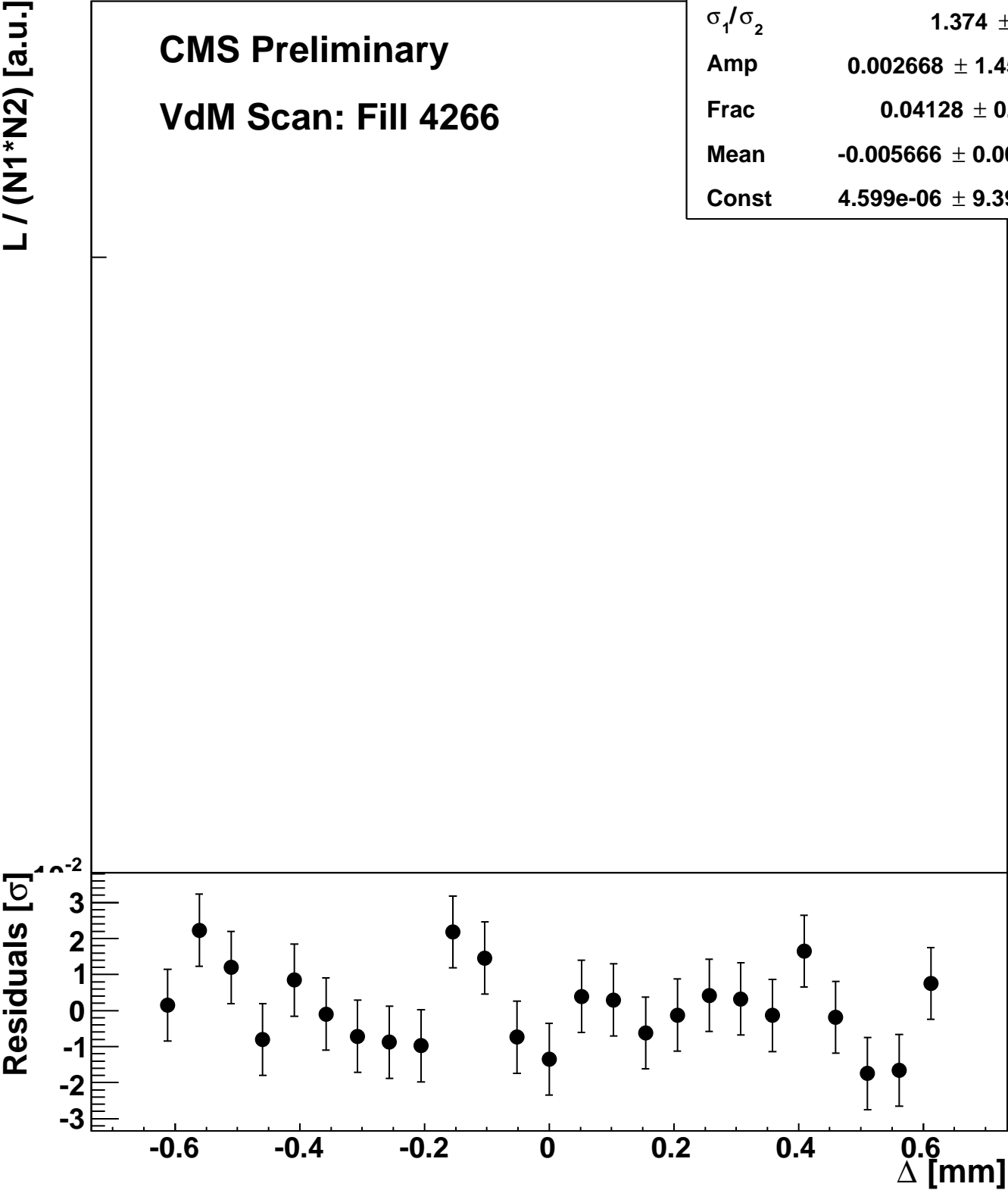
Scan 3: Y-plane BCID sum



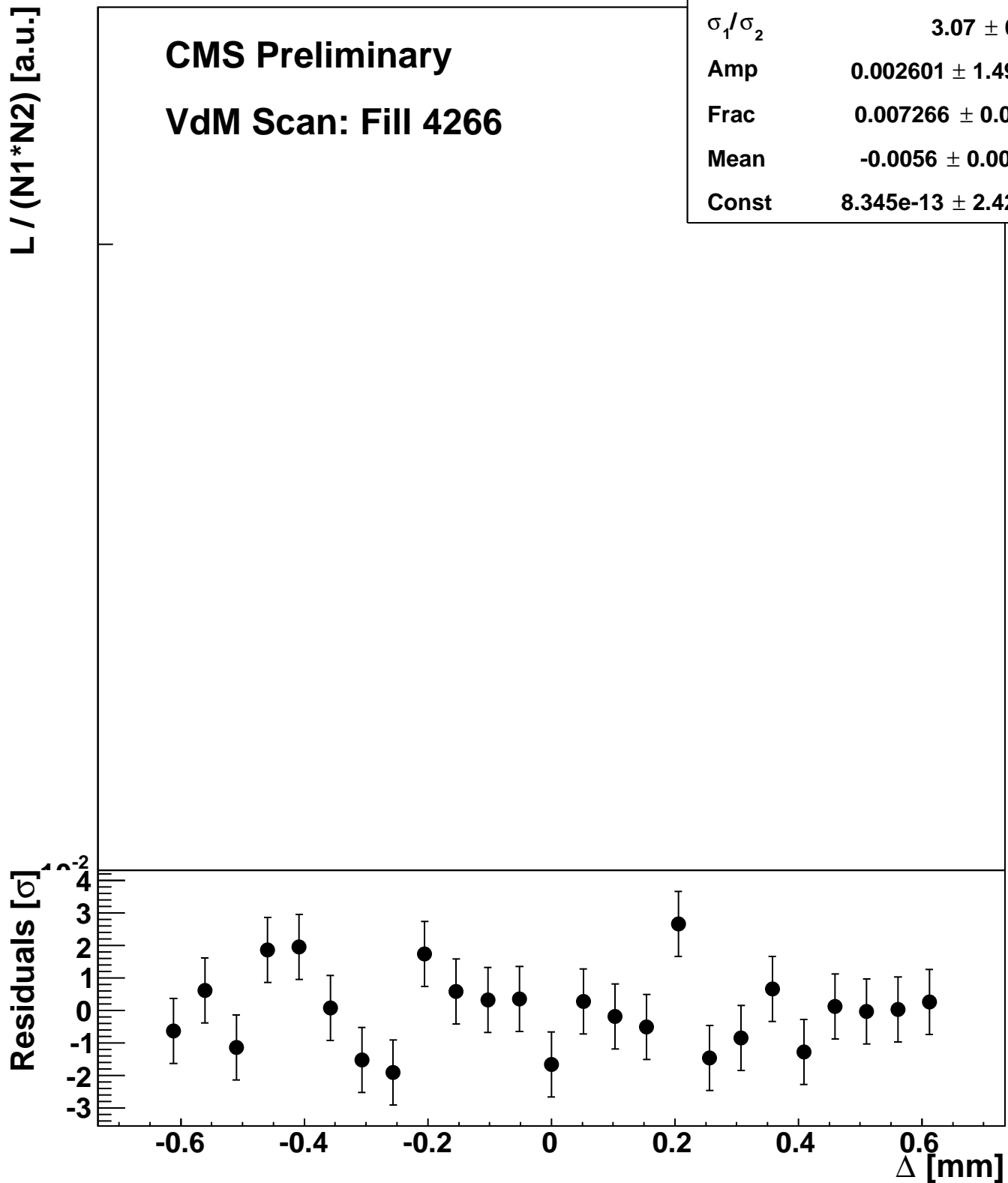
Scan 4: X-plane BCID 1011

χ^2 / ndf	29.32 / 19
Σ	0.1281 ± 0.0005155
σ_1 / σ_2	1.374 ± 0.394
Amp	$0.002668 \pm 1.454\text{e-}05$
Frac	0.04128 ± 0.08842
Mean	-0.005666 ± 0.0005201
Const	$4.599\text{e-}06 \pm 9.393\text{e-}07$

CMS Preliminary
VdM Scan: Fill 4266

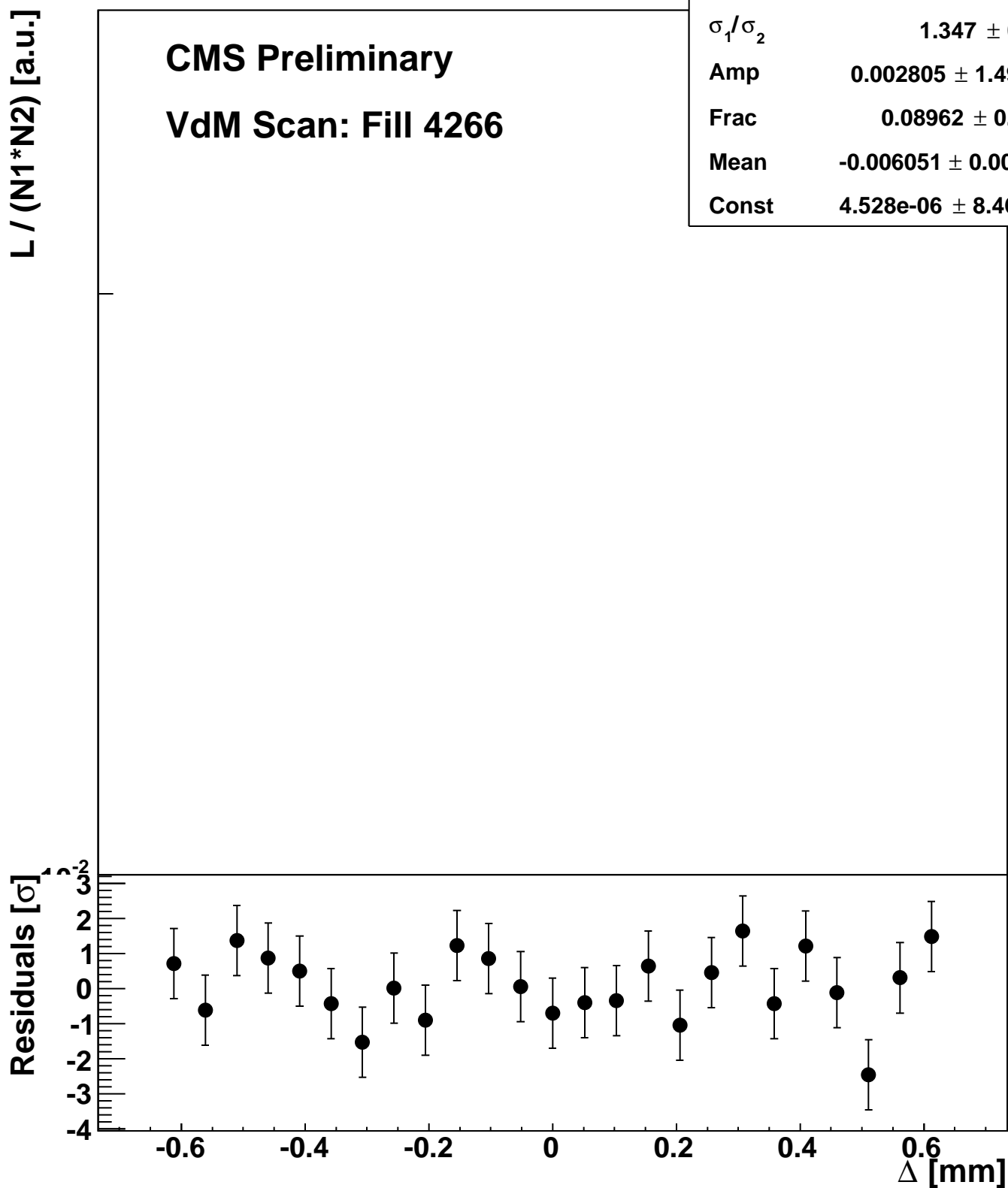


Scan 4: X-plane BCID 131



χ^2 / ndf	34.13 / 19
Σ	0.132 ± 0.0005508
σ_1 / σ_2	3.07 ± 0.5862
Amp	$0.002601 \pm 1.498\text{e-}05$
Frac	0.007266 ± 0.002479
Mean	-0.0056 ± 0.0005364
Const	$8.345\text{e-}13 \pm 2.421\text{e-}05$

Scan 4: X-plane BCID 1631



χ^2 / ndf	24.5 / 19
Σ	0.1247 ± 0.0004975
σ_1 / σ_2	1.347 ± 0.1689
Amp	$0.002805 \pm 1.499\text{e-}05$
Frac	0.08962 ± 0.09742
Mean	-0.006051 ± 0.0004976
Const	$4.528\text{e-}06 \pm 8.468\text{e-}07$

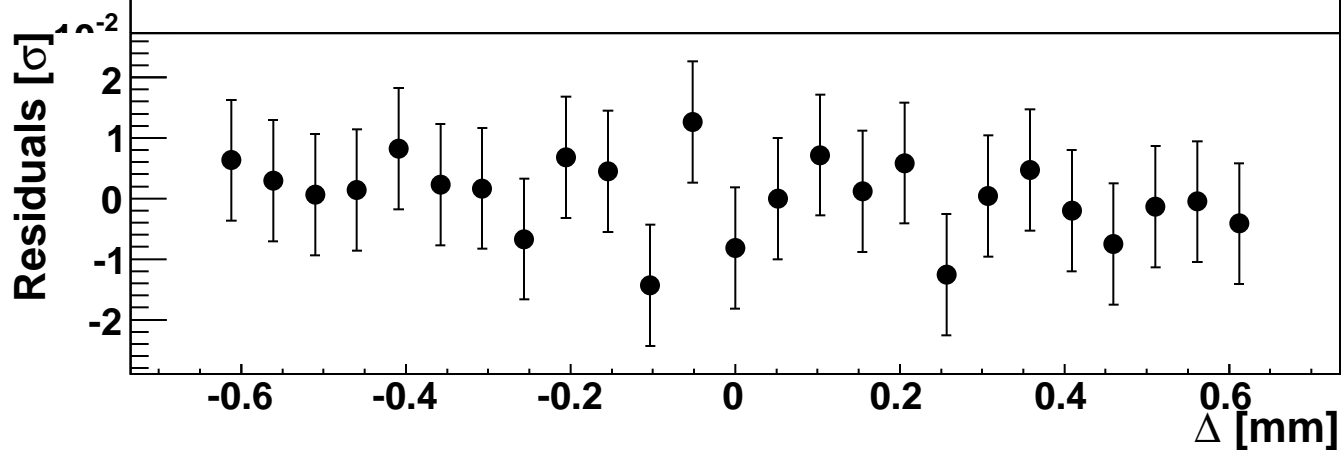
Scan 4: X-plane BCID 1671

L / (N1*N2) [a.u.]

CMS Preliminary

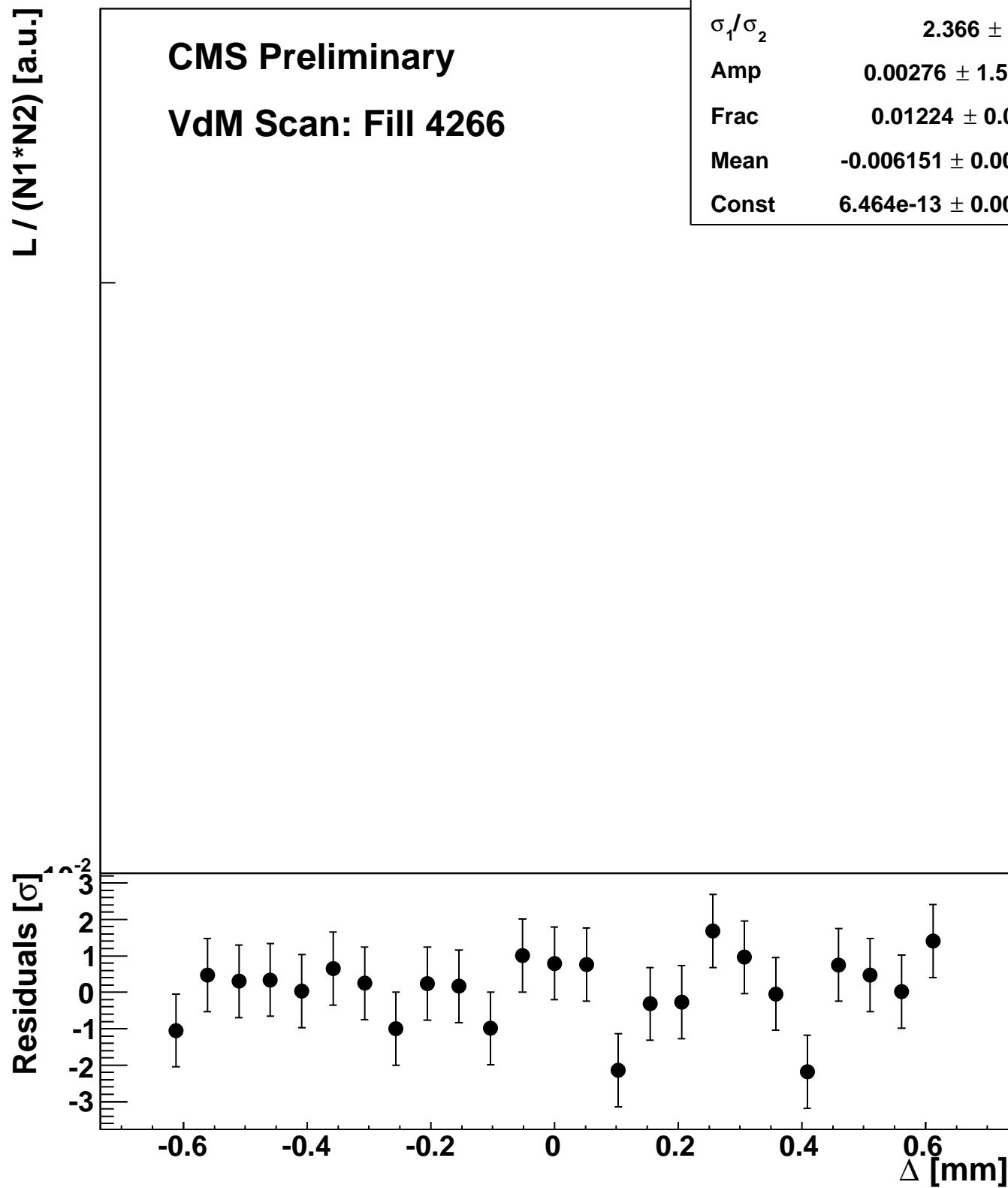
VdM Scan: Fill 4266

χ^2 / ndf	10.14 / 19
Σ	0.1254 ± 0.0006592
σ_1 / σ_2	1.373 ± 0.2264
Amp	$0.002764 \pm 1.958\text{e-}05$
Frac	0.08909 ± 0.122
Mean	-0.006267 ± 0.0005301
Const	$5.389\text{e-}06 \pm 1.13\text{e-}06$



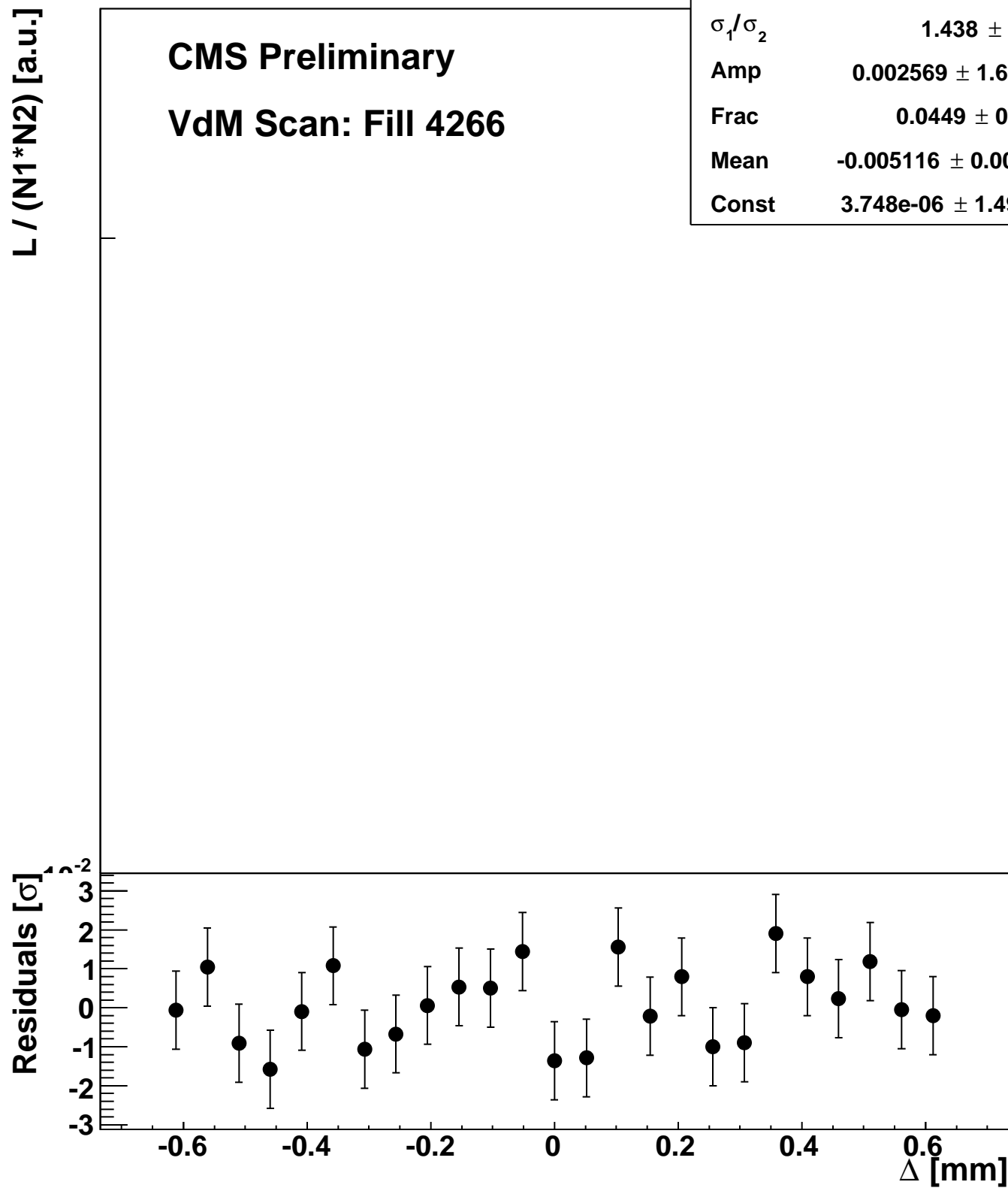
Scan 4: X-plane BCID 1711

χ^2 / ndf	22.3 / 19
Σ	0.1275 ± 0.0004864
σ_1 / σ_2	2.366 ± 0.2396
Amp	$0.00276 \pm 1.552\text{e-}05$
Frac	0.01224 ± 0.003622
Mean	-0.006151 ± 0.0005288
Const	$6.464\text{e-}13 \pm 0.0001957$

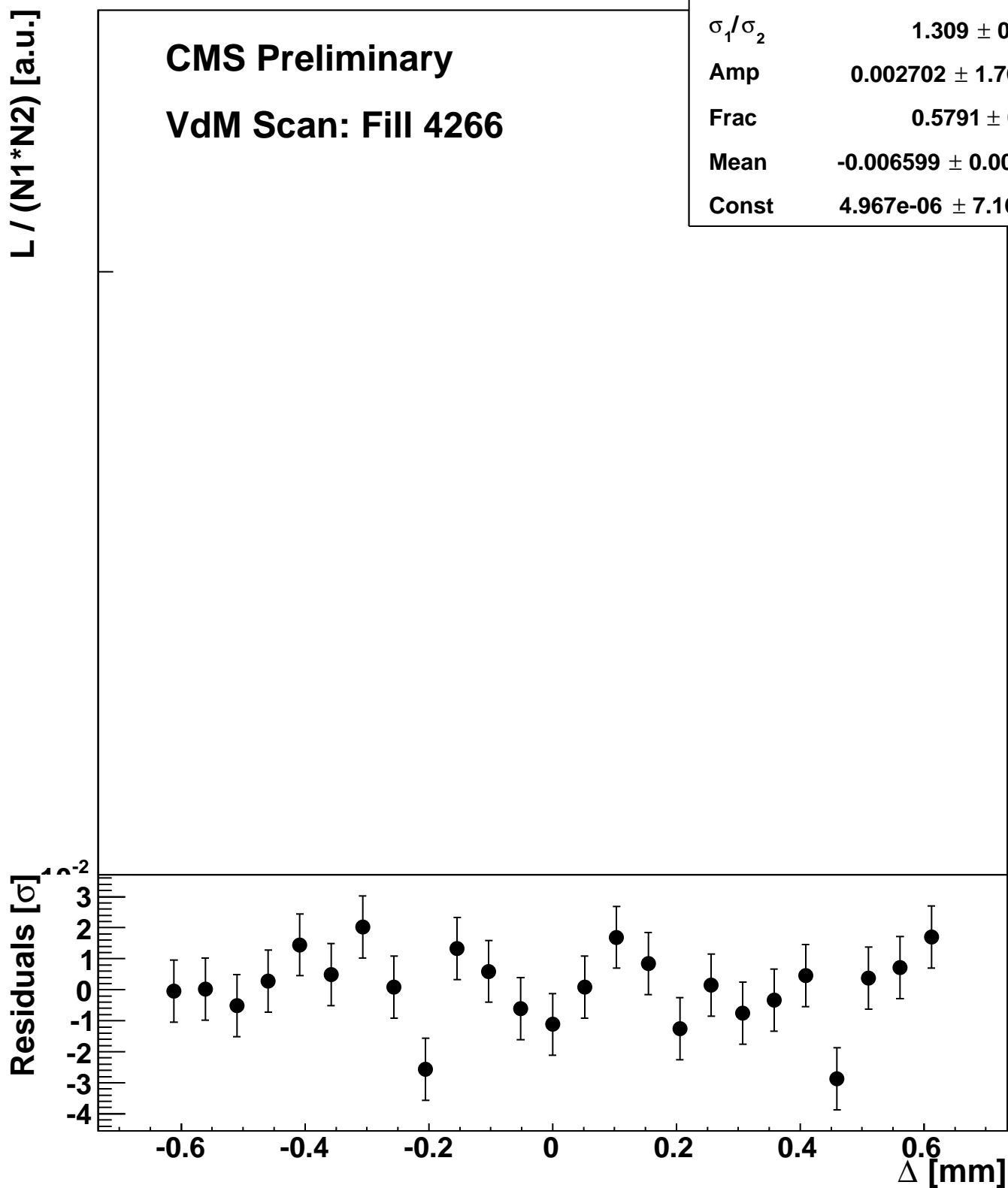


Scan 4: X-plane BCID 171

χ^2 / ndf	23.97 / 19
Σ	0.1313 ± 0.000696
σ_1 / σ_2	1.438 ± 0.3968
Amp	$0.002569 \pm 1.672\text{e-}05$
Frac	0.0449 ± 0.07946
Mean	-0.005116 ± 0.0006148
Const	$3.748\text{e-}06 \pm 1.499\text{e-}06$



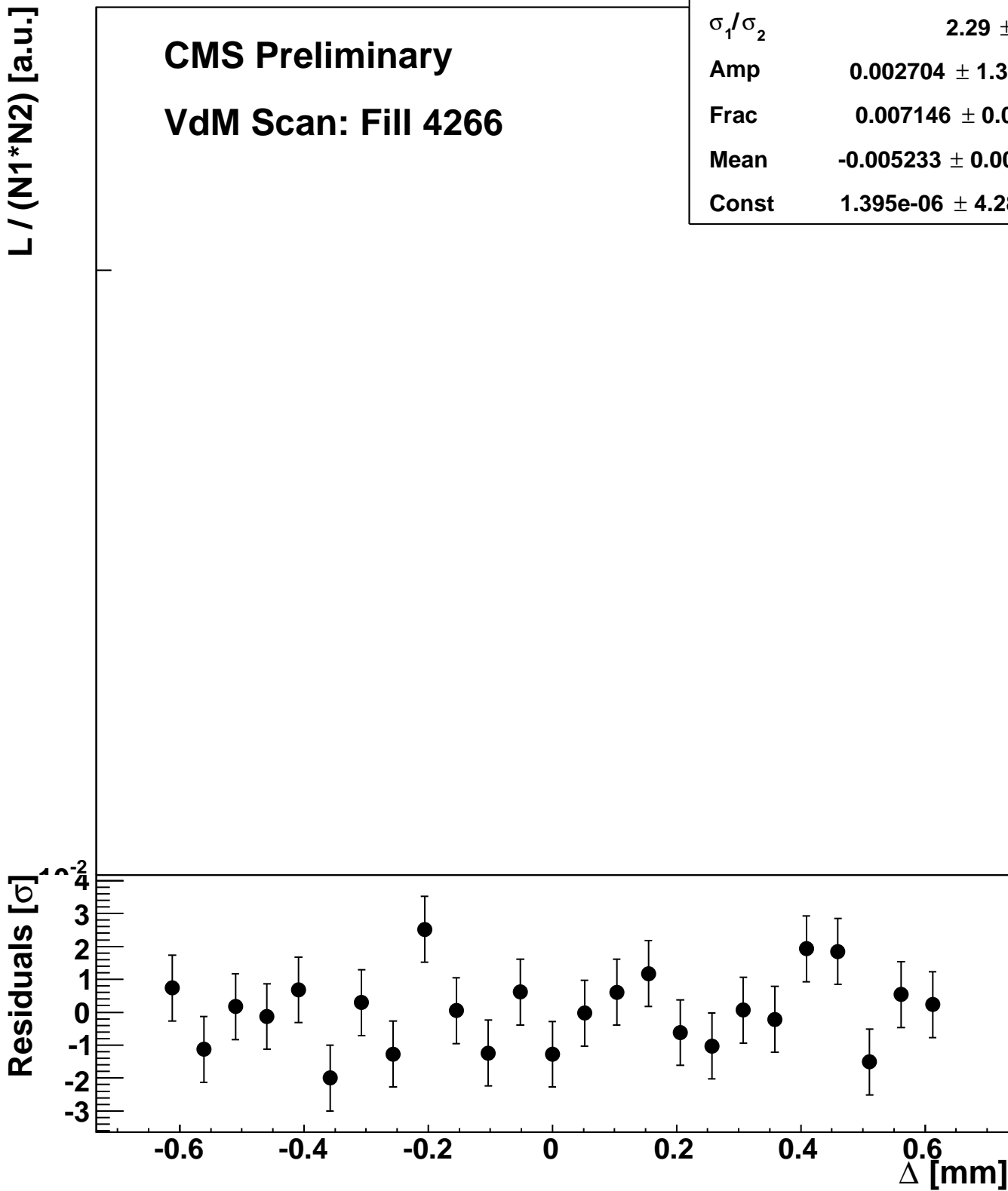
Scan 4: X-plane BCID 1751



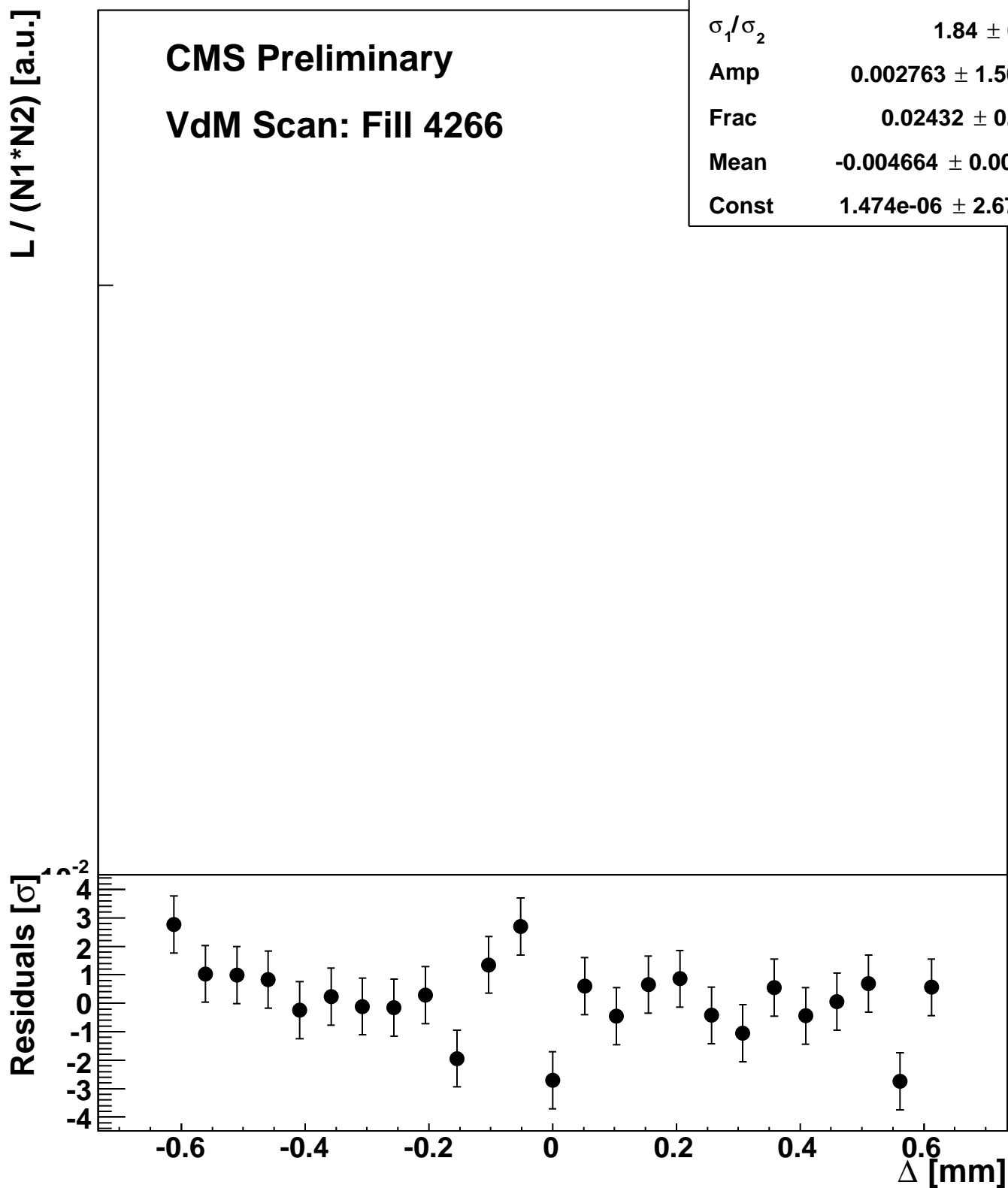
χ^2 / ndf	34.9 / 19
Σ	0.1263 ± 0.0006024
σ_1 / σ_2	1.309 ± 0.05511
Amp	$0.002702 \pm 1.764\text{e-}05$
Frac	0.5791 ± 0.1628
Mean	-0.006599 ± 0.0005366
Const	$4.967\text{e-}06 \pm 7.161\text{e-}07$

Scan 4: X-plane BCID 1791

χ^2 / ndf	30.88 / 19
Σ	0.1278 ± 0.0009285
σ_1 / σ_2	2.29 ± 1.248
Amp	$0.002704 \pm 1.338\text{e-}05$
Frac	0.007146 ± 0.005416
Mean	-0.005233 ± 0.0004365
Const	$1.395\text{e-}06 \pm 4.286\text{e-}06$



Scan 4: X-plane BCID 1831



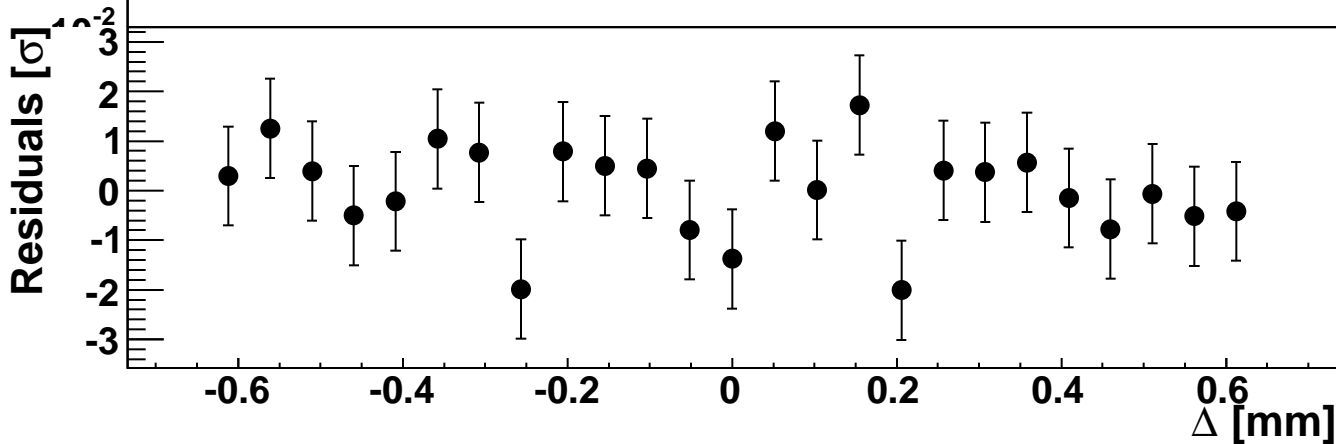
χ^2 / ndf	42.59 / 19
Σ	0.1256 ± 0.000689
σ_1 / σ_2	1.84 ± 0.4359
Amp	$0.002763 \pm 1.502\text{e-}05$
Frac	0.02432 ± 0.01749
Mean	-0.004664 ± 0.0005269
Const	$1.474\text{e-}06 \pm 2.674\text{e-}06$

Scan 4: X-plane BCID 1871

L / (N1*N2) [a.u.]

CMS Preliminary
VdM Scan: Fill 4266

χ^2 / ndf	21.46 / 19
Σ	0.1268 ± 0.0005829
σ_1 / σ_2	1.356 ± 0.1469
Amp	$0.002705 \pm 1.709\text{e-}05$
Frac	0.1221 ± 0.1253
Mean	-0.006556 ± 0.0005294
Const	$3.941\text{e-}06 \pm 8.879\text{e-}07$

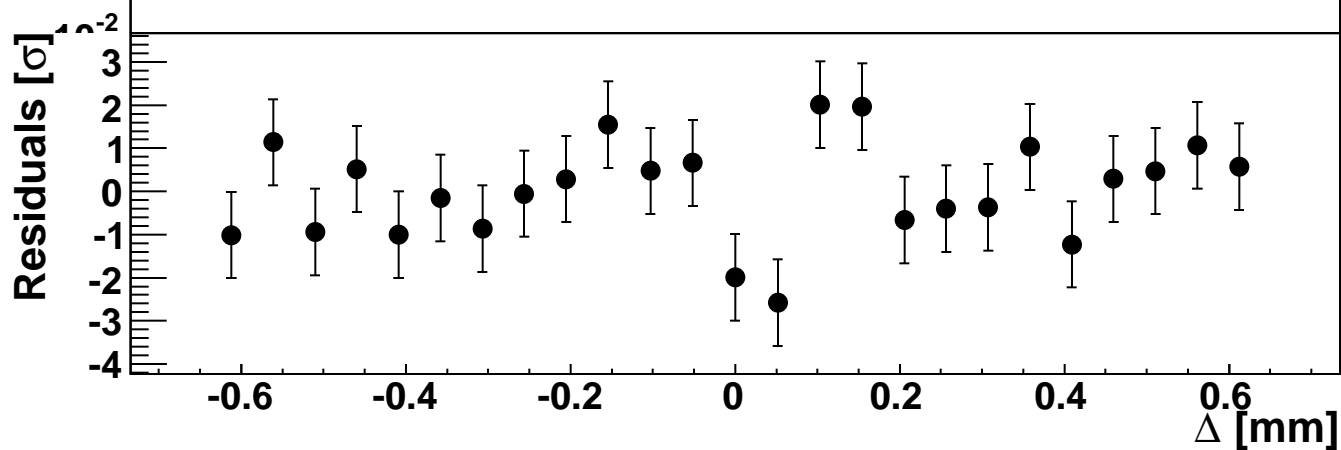


Scan 4: X-plane BCID 1

L / (N1*N2) [a.u.]

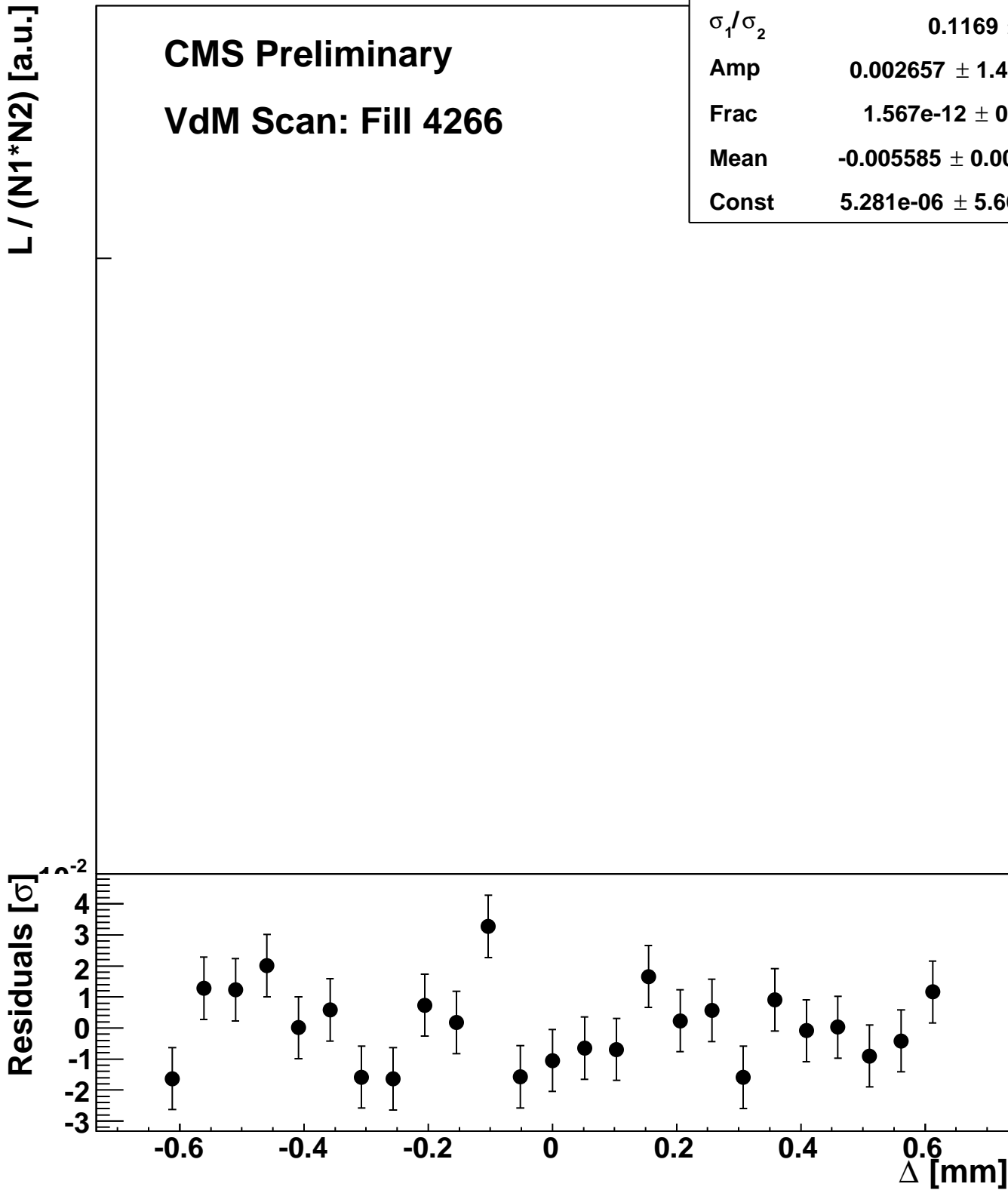
CMS Preliminary
VdM Scan: Fill 4266

χ^2 / ndf	31.98 / 19
Σ	$0.1367 \pm 4.288\text{e-}06$
σ_1 / σ_2	1.004 ± 7.094
Amp	$0.002115 \pm 1.195\text{e-}07$
Frac	1 ± 0.8546
Mean	$-0.007493 \pm 7.451\text{e-}06$
Const	$4.804\text{e-}06 \pm 6.526\text{e-}09$

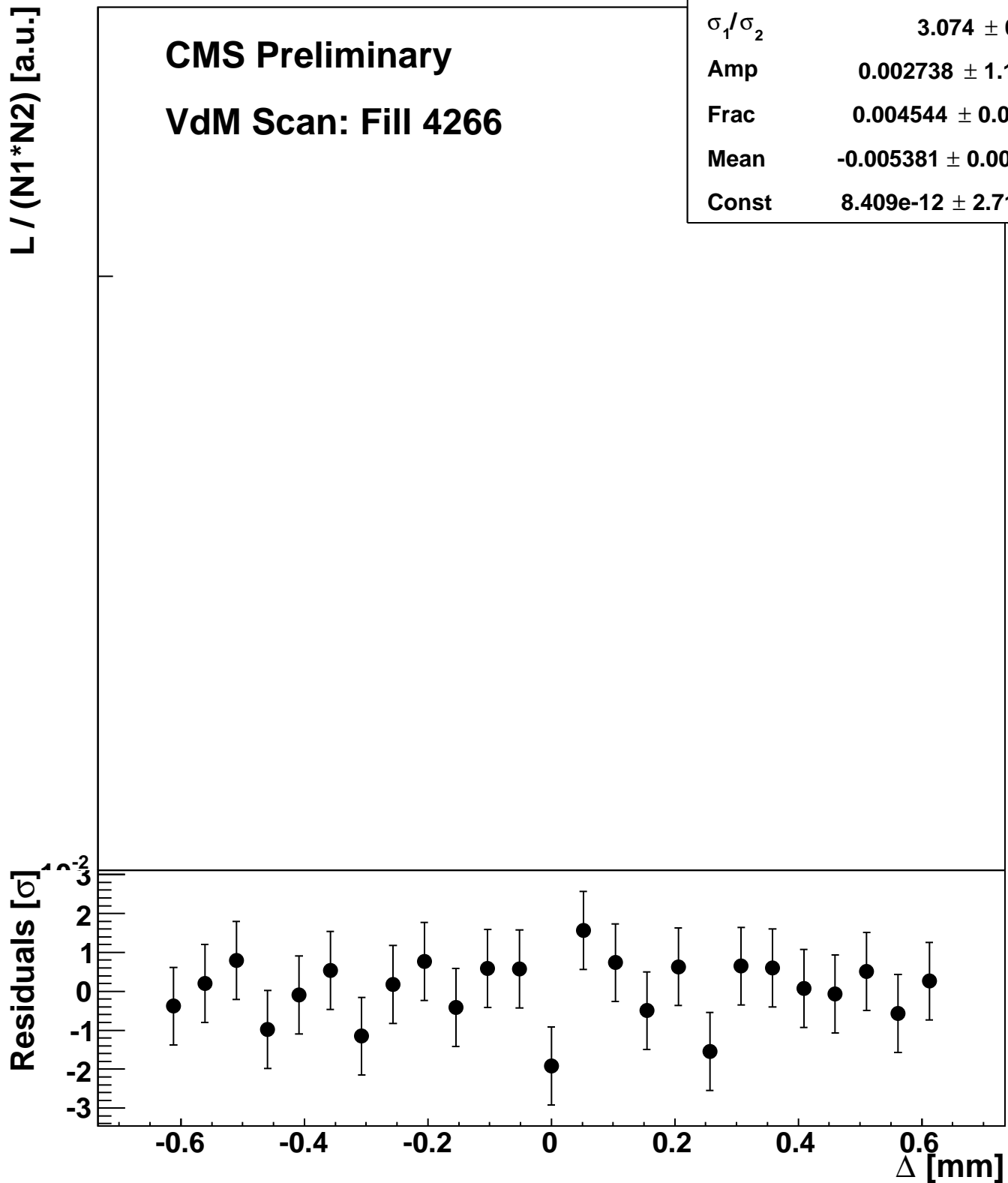


Scan 4: X-plane BCID 211

χ^2 / ndf	39.94 / 19
Σ	0.1284 ± 0.0004137
σ_1 / σ_2	0.1169 ± 6.83
Amp	$0.002657 \pm 1.466\text{e-}05$
Frac	$1.567\text{e-}12 \pm 0.00573$
Mean	-0.005585 ± 0.0005293
Const	$5.281\text{e-}06 \pm 5.661\text{e-}07$



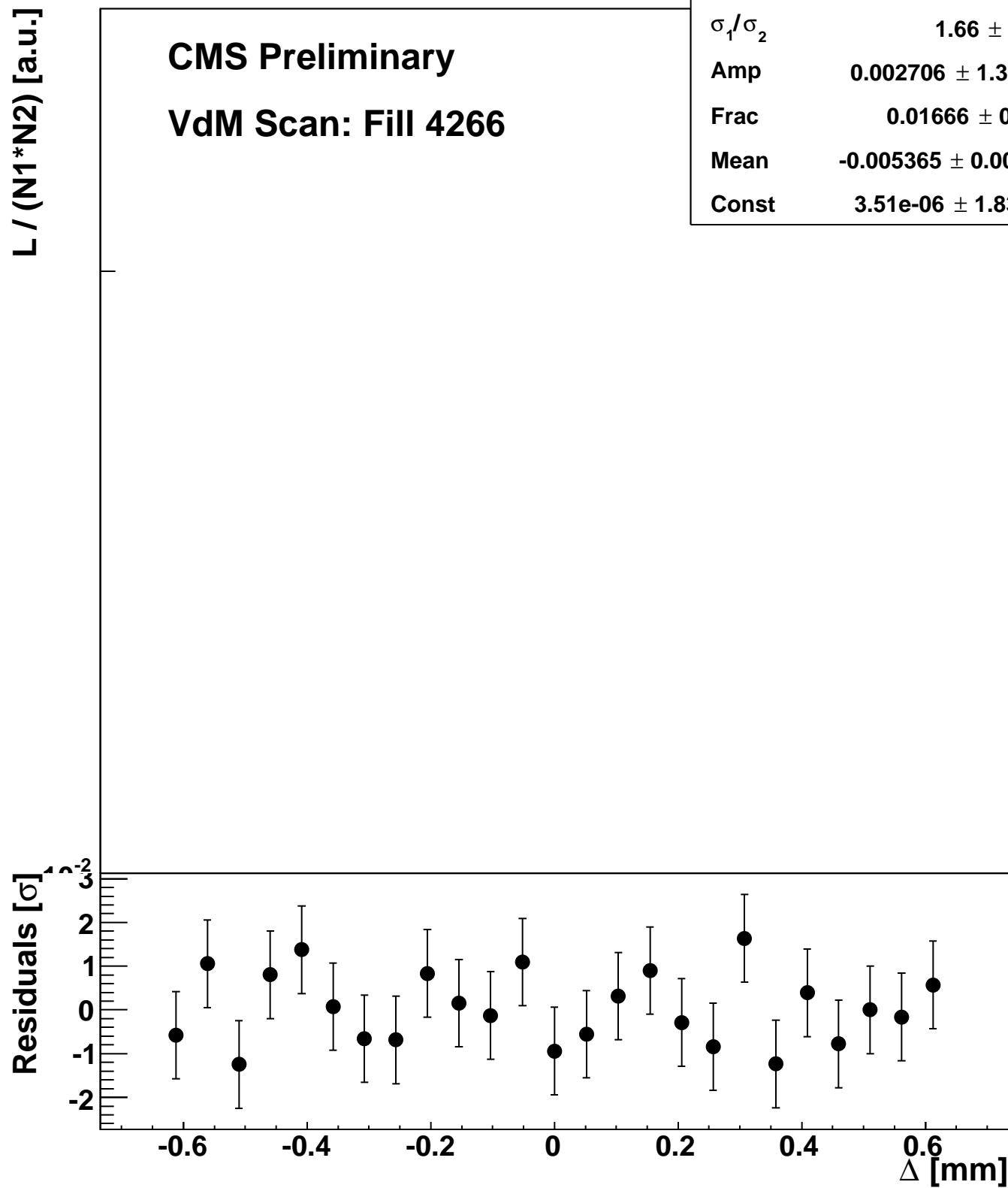
Scan 4: X-plane BCID 2211



χ^2 / ndf	15.97 / 19
Σ	0.1273 ± 0.0004423
σ_1 / σ_2	3.074 ± 0.5878
Amp	$0.002738 \pm 1.15\text{e-}05$
Frac	0.004544 ± 0.001624
Mean	-0.005381 ± 0.0005185
Const	$8.409\text{e-}12 \pm 2.713\text{e-}05$

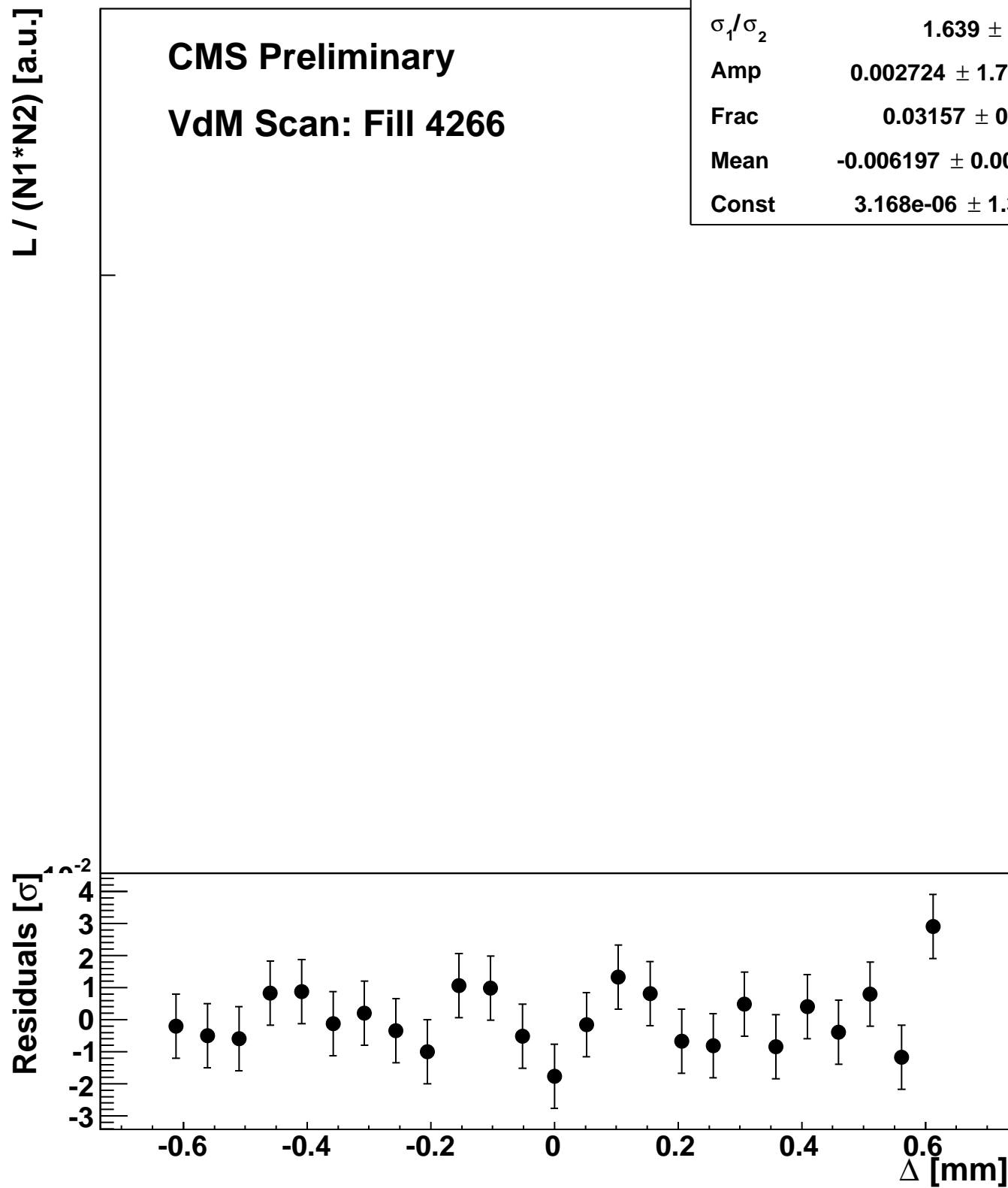
Scan 4: X-plane BCID 2251

χ^2 / ndf	16.58 / 19
Σ	0.1276 ± 0.0006177
σ_1 / σ_2	1.66 ± 0.6697
Amp	$0.002706 \pm 1.397\text{e-}05$
Frac	0.01666 ± 0.02771
Mean	-0.005365 ± 0.0005192
Const	$3.51\text{e-}06 \pm 1.834\text{e-}06$



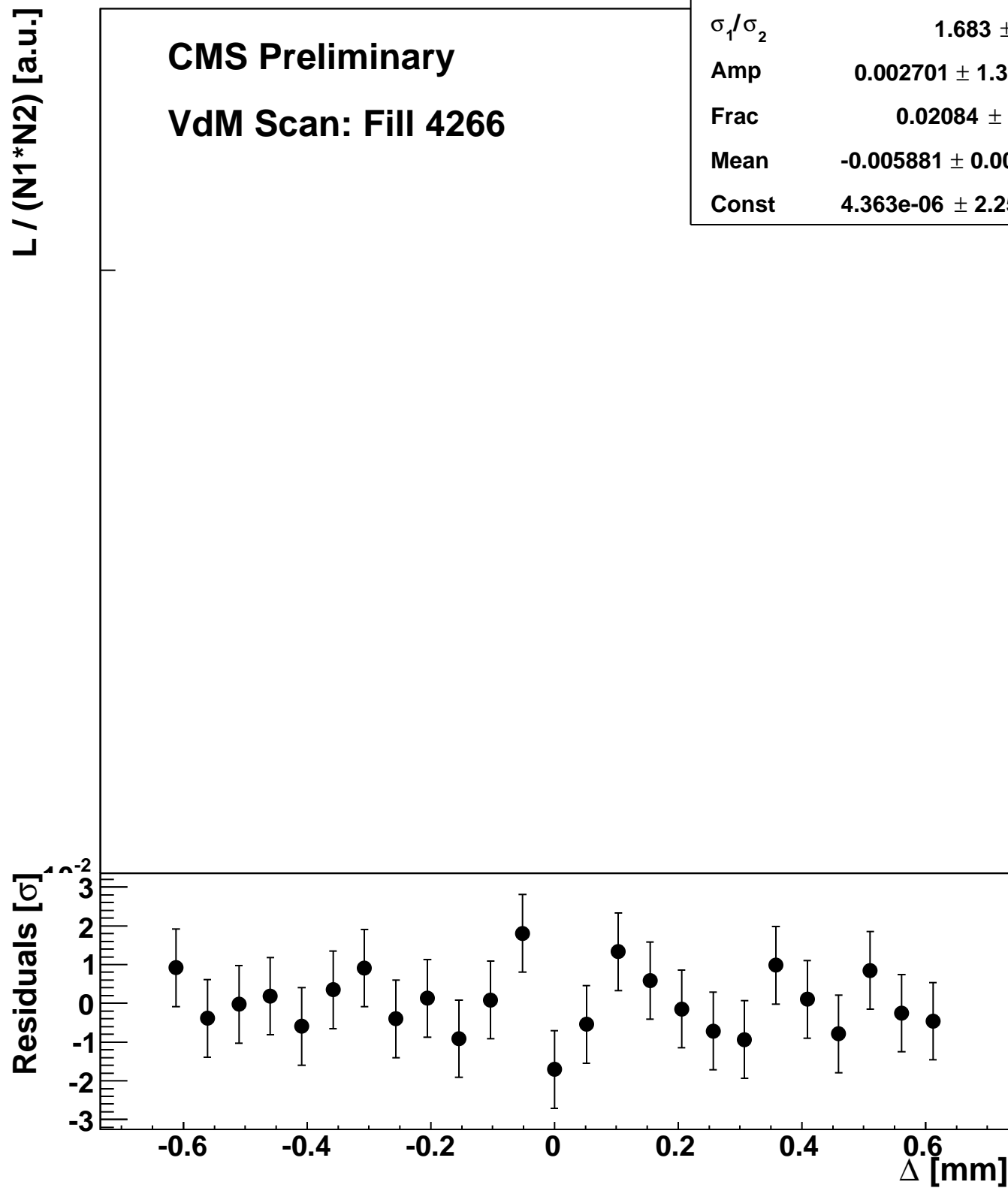
Scan 4: X-plane BCID 2291

χ^2 / ndf	23.97 / 19
Σ	0.1268 ± 0.0005286
σ_1 / σ_2	1.639 ± 0.2373
Amp	$0.002724 \pm 1.762\text{e-}05$
Frac	0.03157 ± 0.02018
Mean	-0.006197 ± 0.0005095
Const	$3.168\text{e-}06 \pm 1.36\text{e-}06$

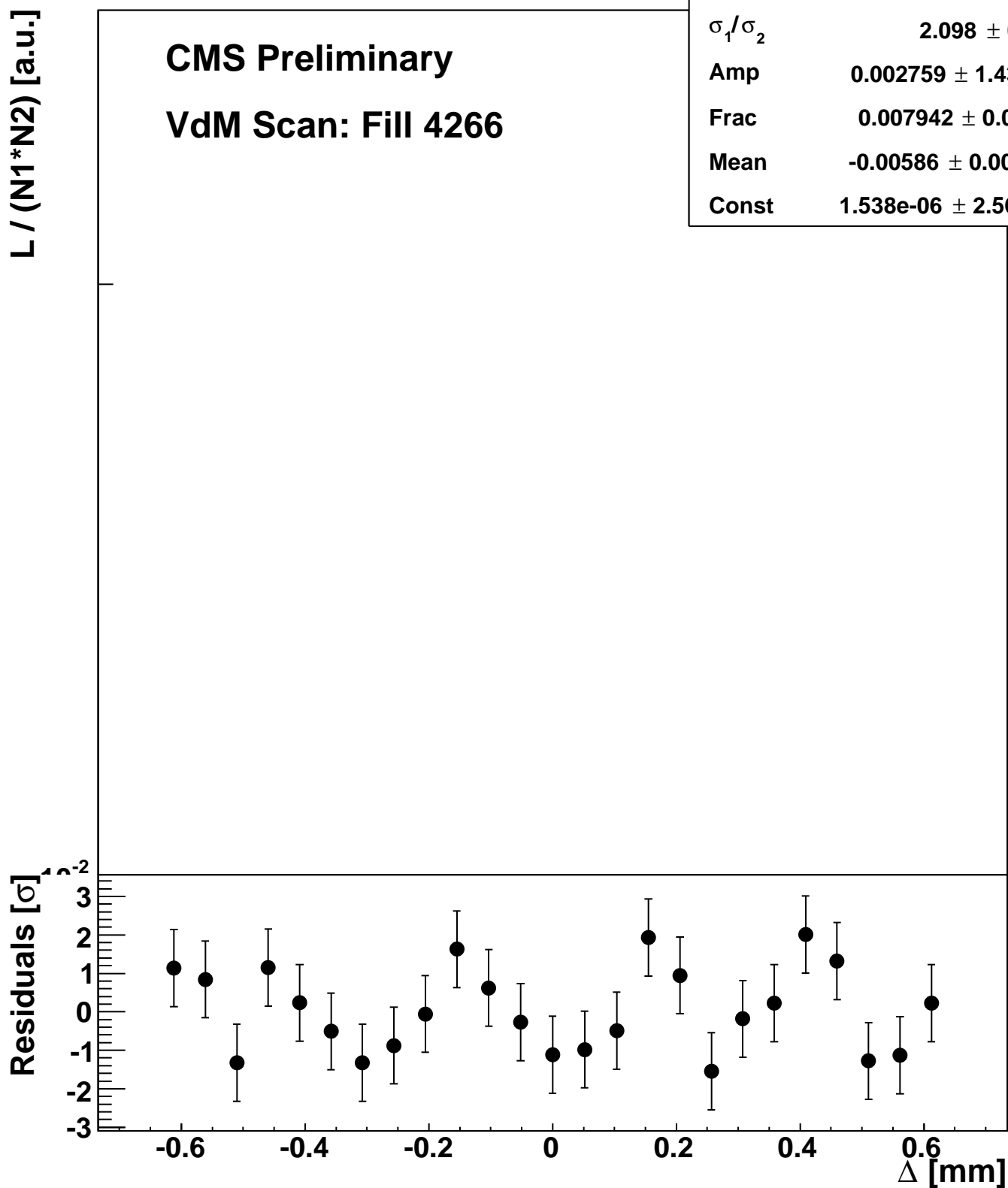


Scan 4: X-plane BCID 2331

χ^2 / ndf	15.95 / 19
Σ	0.127 ± 0.0007245
σ_1 / σ_2	1.683 ± 0.678
Amp	$0.002701 \pm 1.385\text{e-}05$
Frac	0.02084 ± 0.0337
Mean	-0.005881 ± 0.0005706
Const	$4.363\text{e-}06 \pm 2.259\text{e-}06$

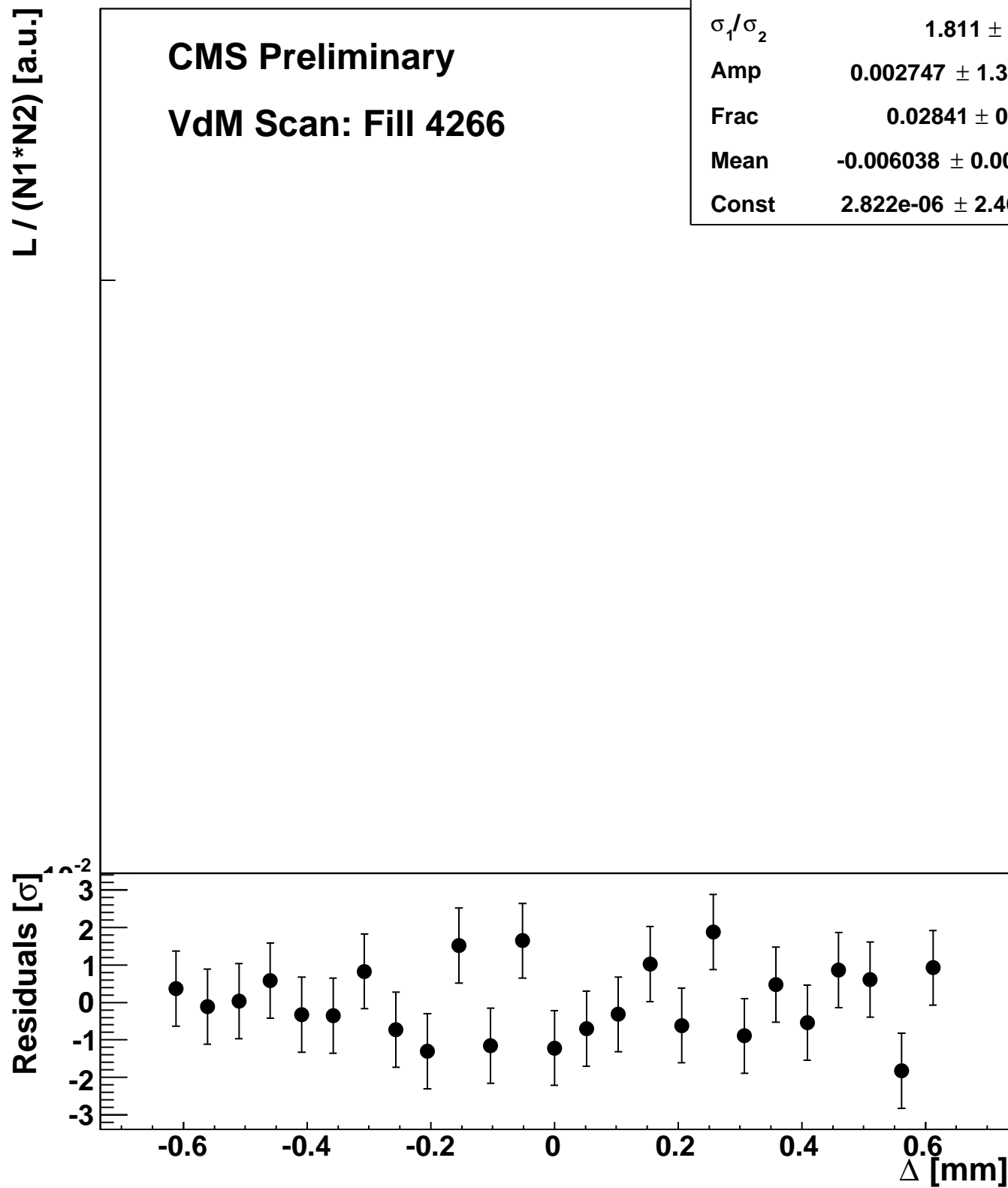


Scan 4: X-plane BCID 2371

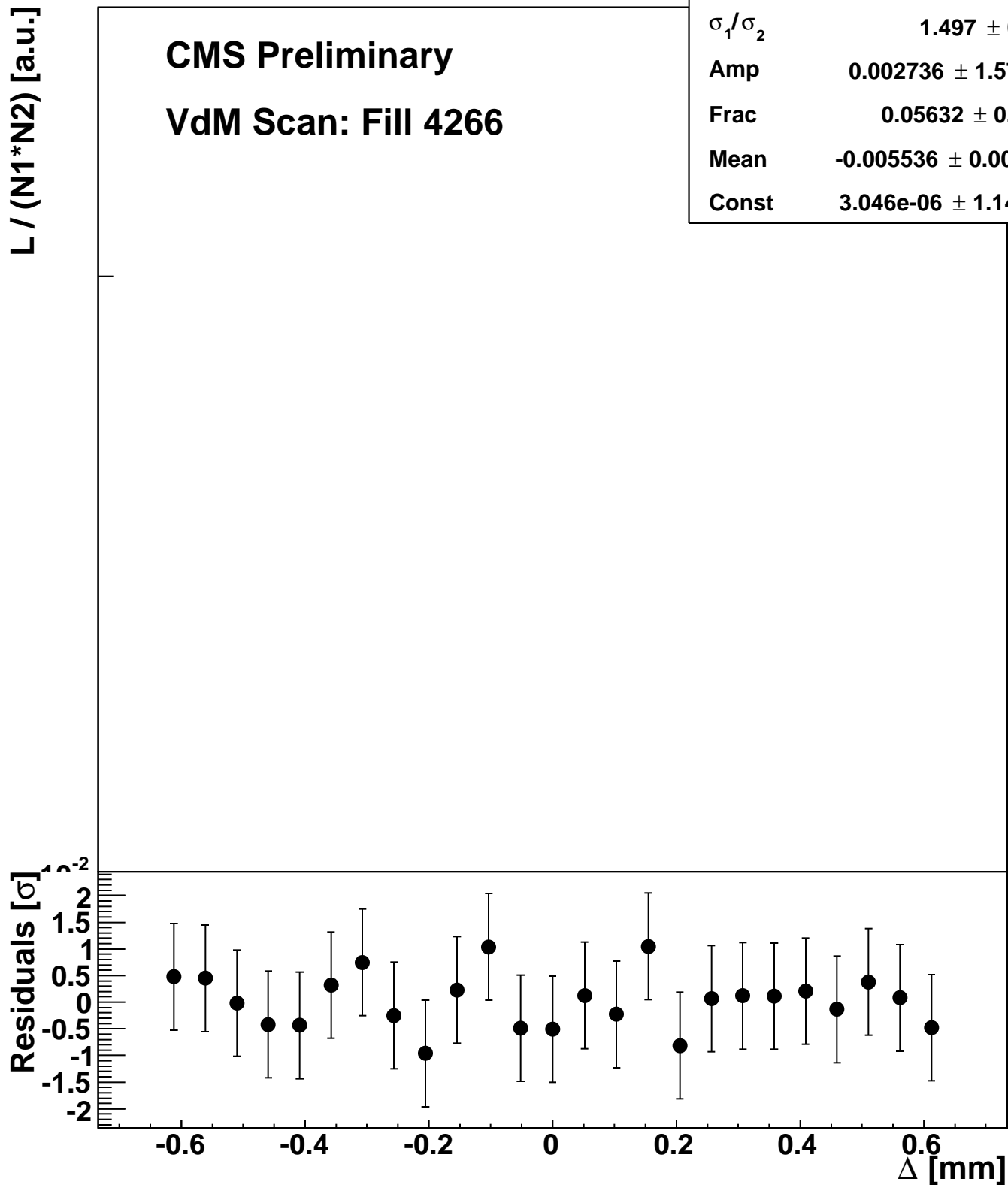


Scan 4: X-plane BCID 2411

χ^2 / ndf	23.65 / 19
Σ	0.1258 ± 0.0006913
σ_1 / σ_2	1.811 ± 0.3858
Amp	$0.002747 \pm 1.301\text{e-}05$
Frac	0.02841 ± 0.01989
Mean	-0.006038 ± 0.0005298
Const	$2.822\text{e-}06 \pm 2.463\text{e-}06$



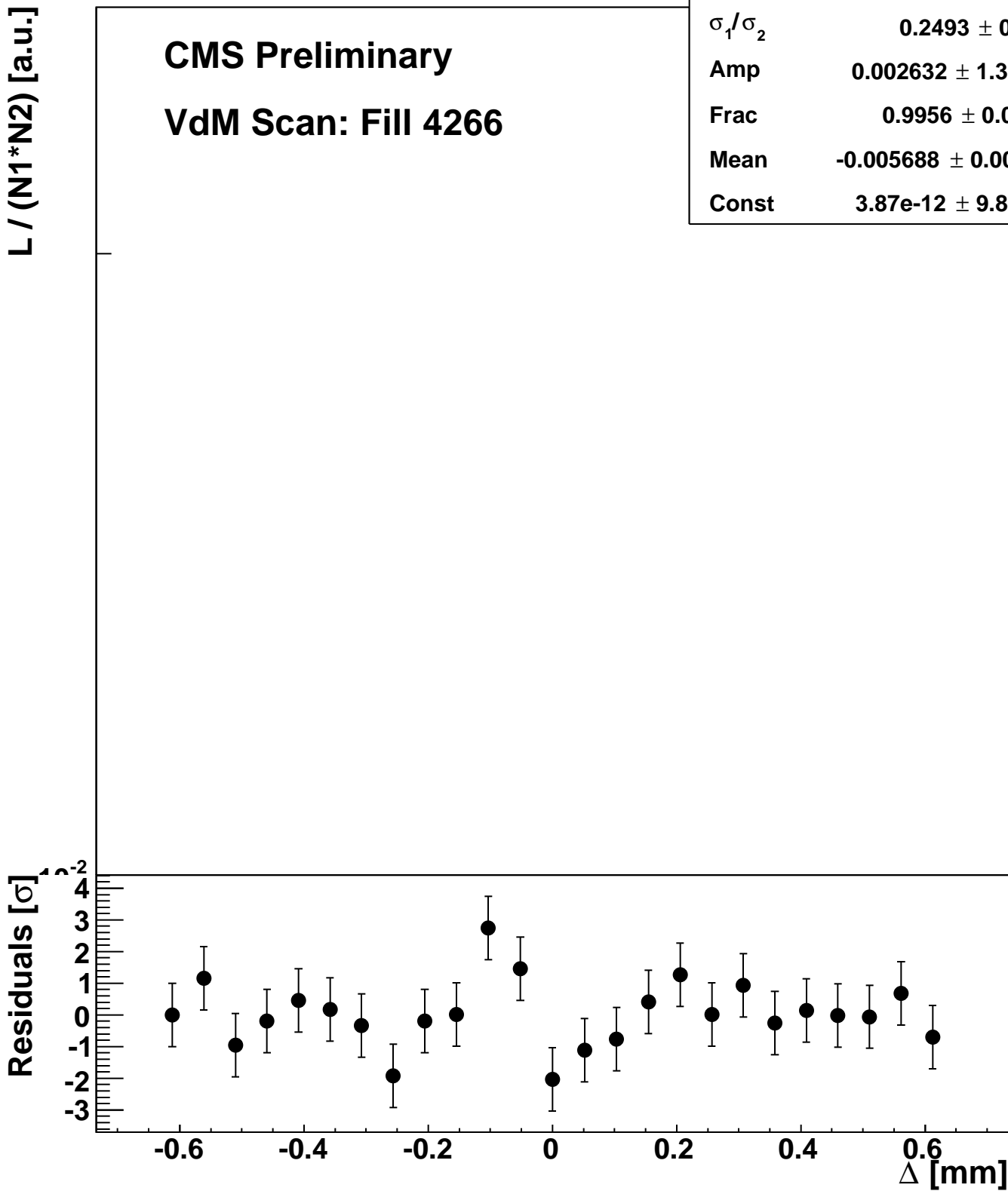
Scan 4: X-plane BCID 2451



χ^2 / ndf	6.355 / 19
Σ	0.1262 ± 0.000619
σ_1 / σ_2	1.497 ± 0.2675
Amp	$0.002736 \pm 1.574\text{e-}05$
Frac	0.05632 ± 0.06312
Mean	-0.005536 ± 0.0005336
Const	$3.046\text{e-}06 \pm 1.142\text{e-}06$

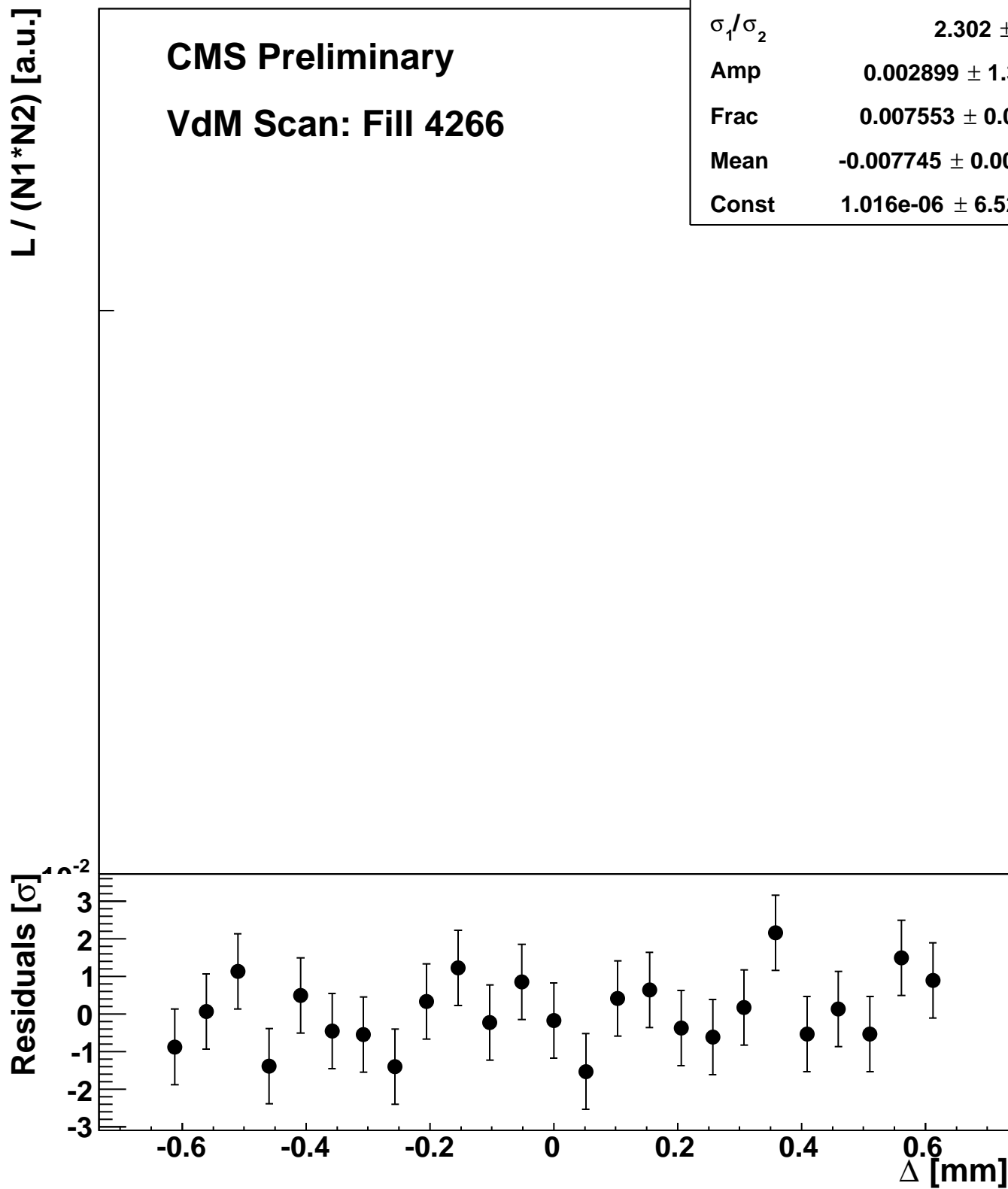
Scan 4: X-plane BCID 251

χ^2 / ndf	25.63 / 19
Σ	0.1301 ± 0.0006592
σ_1 / σ_2	0.2493 ± 0.08931
Amp	$0.002632 \pm 1.324\text{e-}05$
Frac	0.9956 ± 0.001657
Mean	-0.005688 ± 0.0005364
Const	$3.87\text{e-}12 \pm 9.804\text{e-}05$



Scan 4: X-plane BCID 2674

χ^2 / ndf	20.78 / 19
Σ	0.1233 ± 0.001116
σ_1 / σ_2	2.302 ± 1.518
Amp	$0.002899 \pm 1.37\text{e-}05$
Frac	0.007553 ± 0.007423
Mean	-0.007745 ± 0.0004848
Const	$1.016\text{e-}06 \pm 6.529\text{e-}06$



Scan 4: X-plane BCID 291

L / (N1*N2) [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf 14.66 / 19

Σ 0.1297 ± 0.0004778

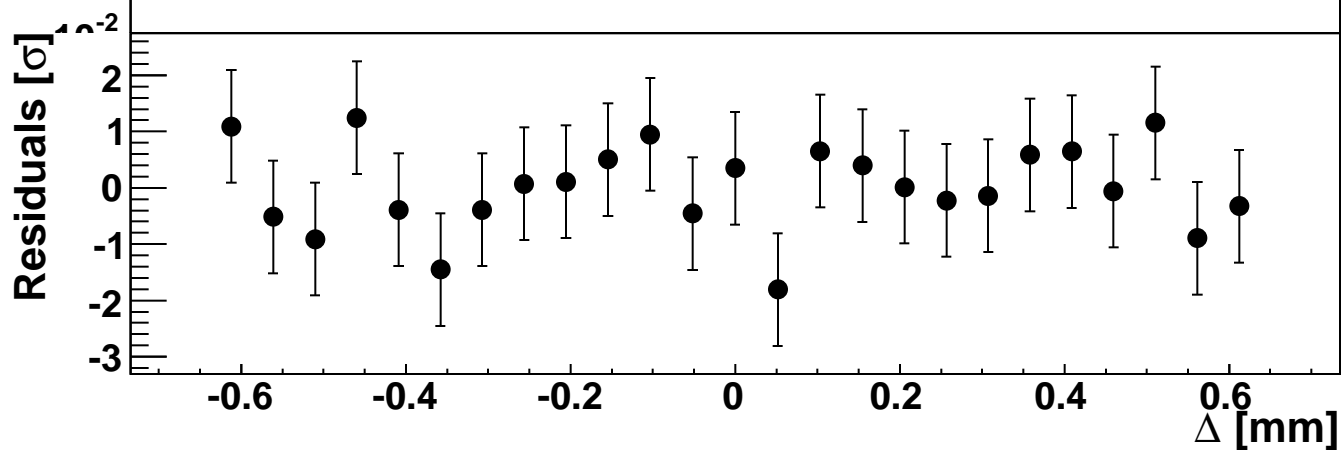
σ_1 / σ_2 2.387 ± 0.2682

Amp $0.002657 \pm 1.563\text{e-}05$

Frac 0.0111 ± 0.003816

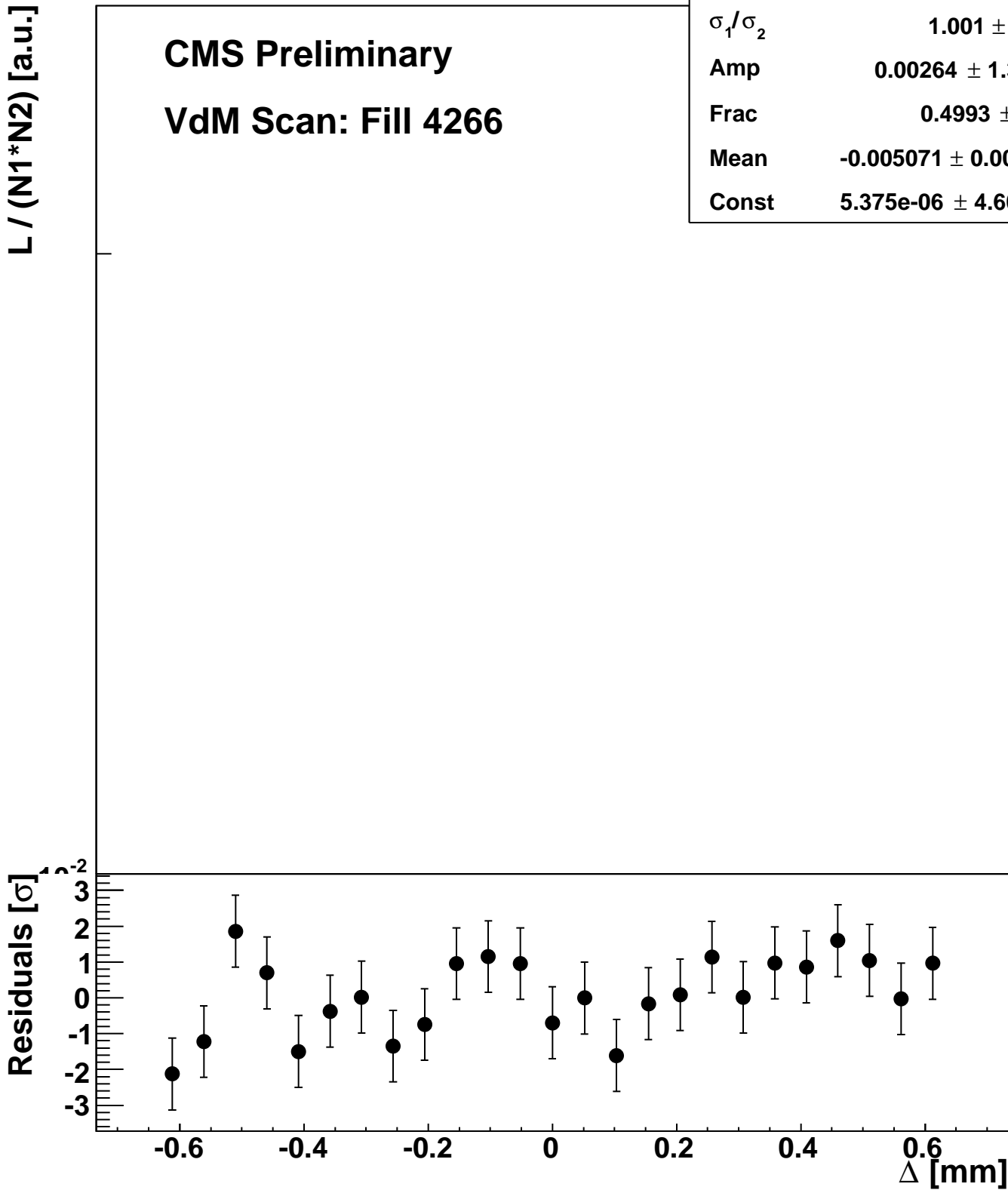
Mean -0.005547 ± 0.0005402

Const $1.655\text{e-}12 \pm 8.519\text{e-}06$

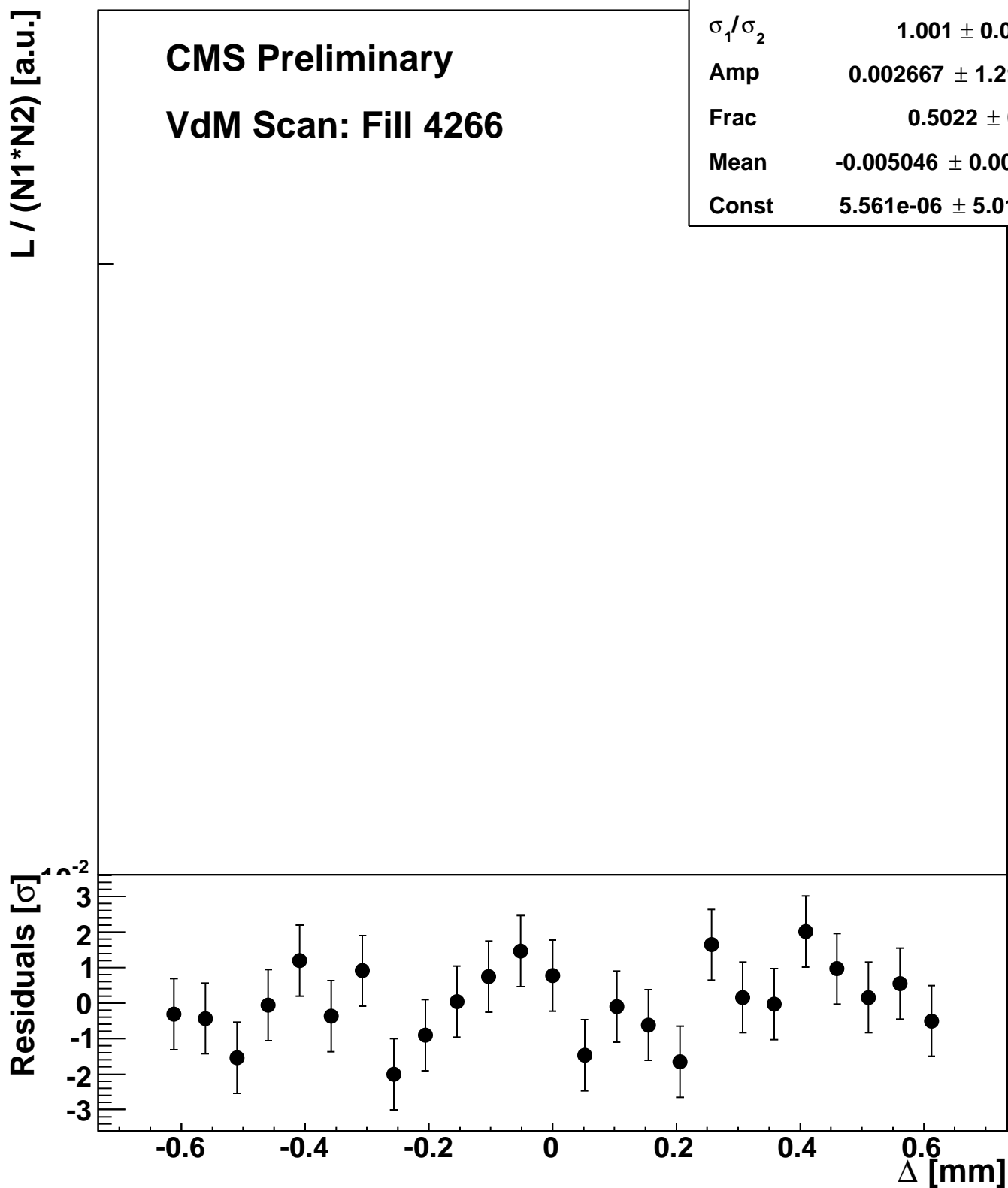


Scan 4: X-plane BCID 51

χ^2 / ndf	28.55 / 19
Σ	0.1282 ± 0.0003982
σ_1 / σ_2	1.001 ± 0.0011
Amp	$0.00264 \pm 1.34\text{e-}05$
Frac	0.4993 ± 0.698
Mean	-0.005071 ± 0.0005074
Const	$5.375\text{e-}06 \pm 4.605\text{e-}07$



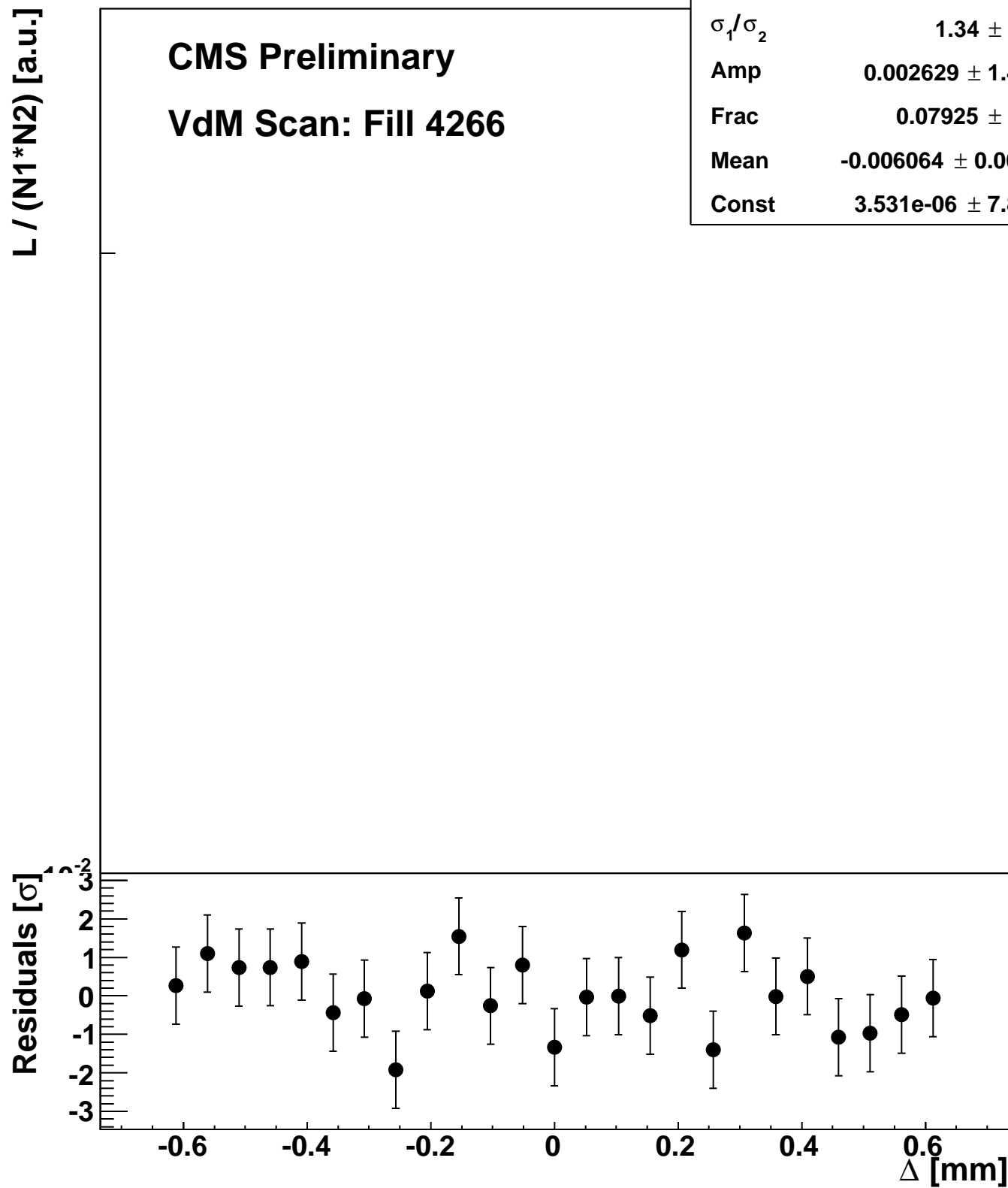
Scan 4: X-plane BCID 771



χ^2 / ndf	26.73 / 19
Σ	0.1287 ± 0.0003585
σ_1 / σ_2	1.001 ± 0.001348
Amp	$0.002667 \pm 1.217\text{e-}05$
Frac	0.5022 ± 0.6965
Mean	-0.005046 ± 0.0004743
Const	$5.561\text{e-}06 \pm 5.018\text{e-}07$

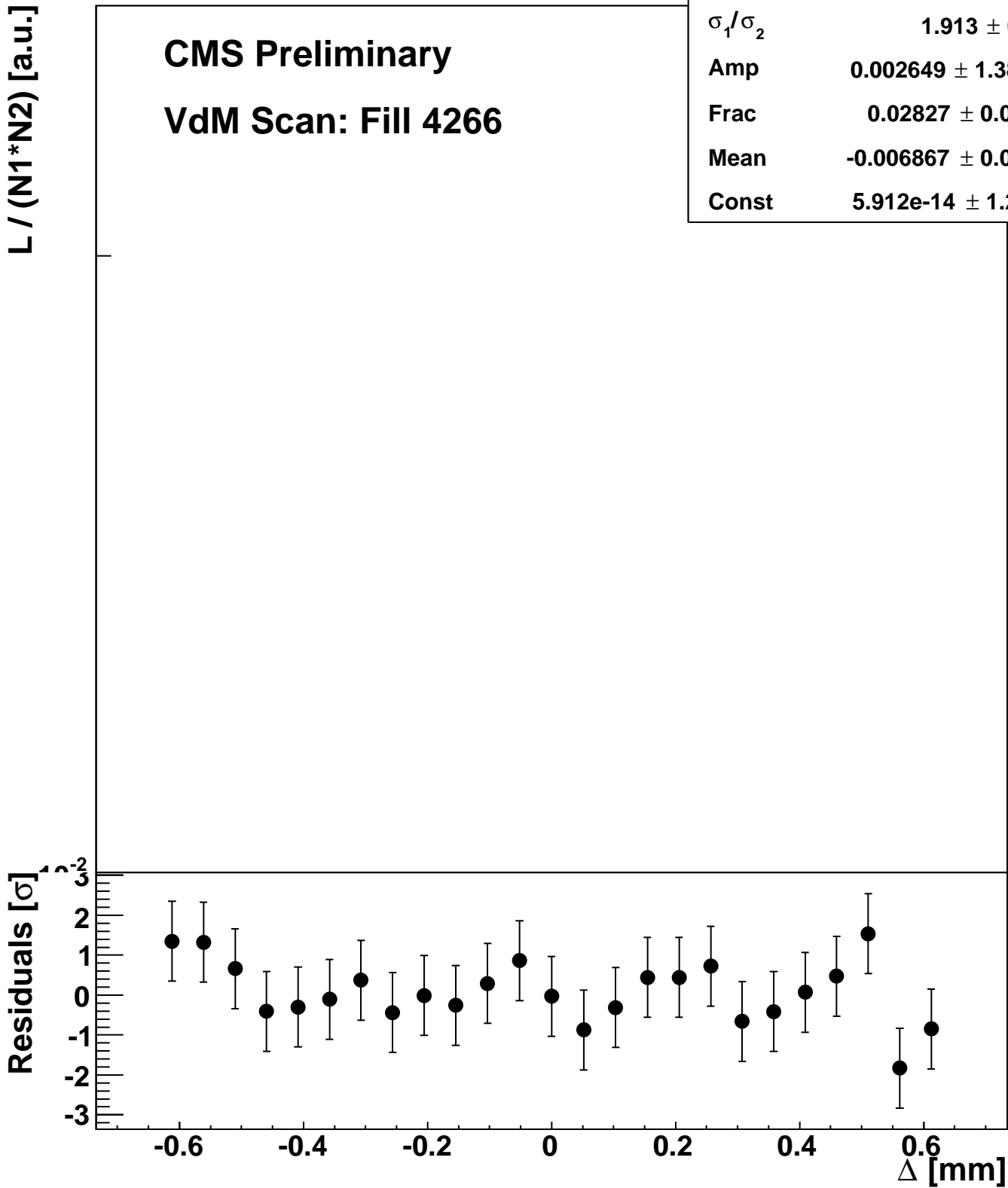
Scan 4: X-plane BCID 811

χ^2 / ndf	20.78 / 19
Σ	0.1286 ± 0.000568
σ_1 / σ_2	1.34 ± 0.2105
Amp	$0.002629 \pm 1.48\text{e-}05$
Frac	0.07925 ± 0.1128
Mean	-0.006064 ± 0.0005091
Const	$3.531\text{e-}06 \pm 7.86\text{e-}07$



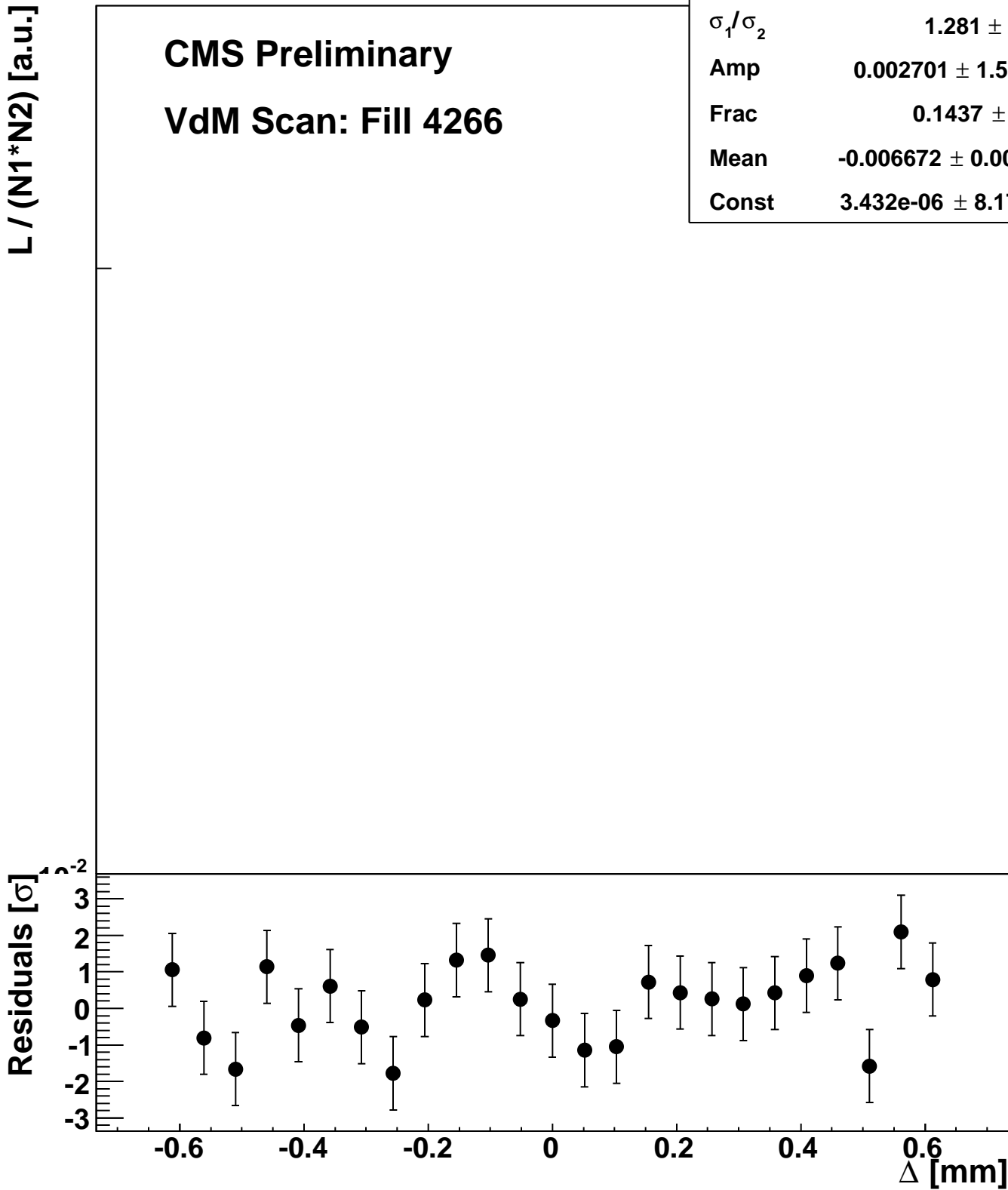
Scan 4: X-plane BCID 851

χ^2 / ndf	14.52 / 19
Σ	0.129 ± 0.0004398
σ_1 / σ_2	1.913 ± 0.1056
Amp	$0.002649 \pm 1.383\text{e-}05$
Frac	0.02827 ± 0.007534
Mean	-0.006867 ± 0.000517
Const	$5.912\text{e-}14 \pm 1.23\text{e-}06$



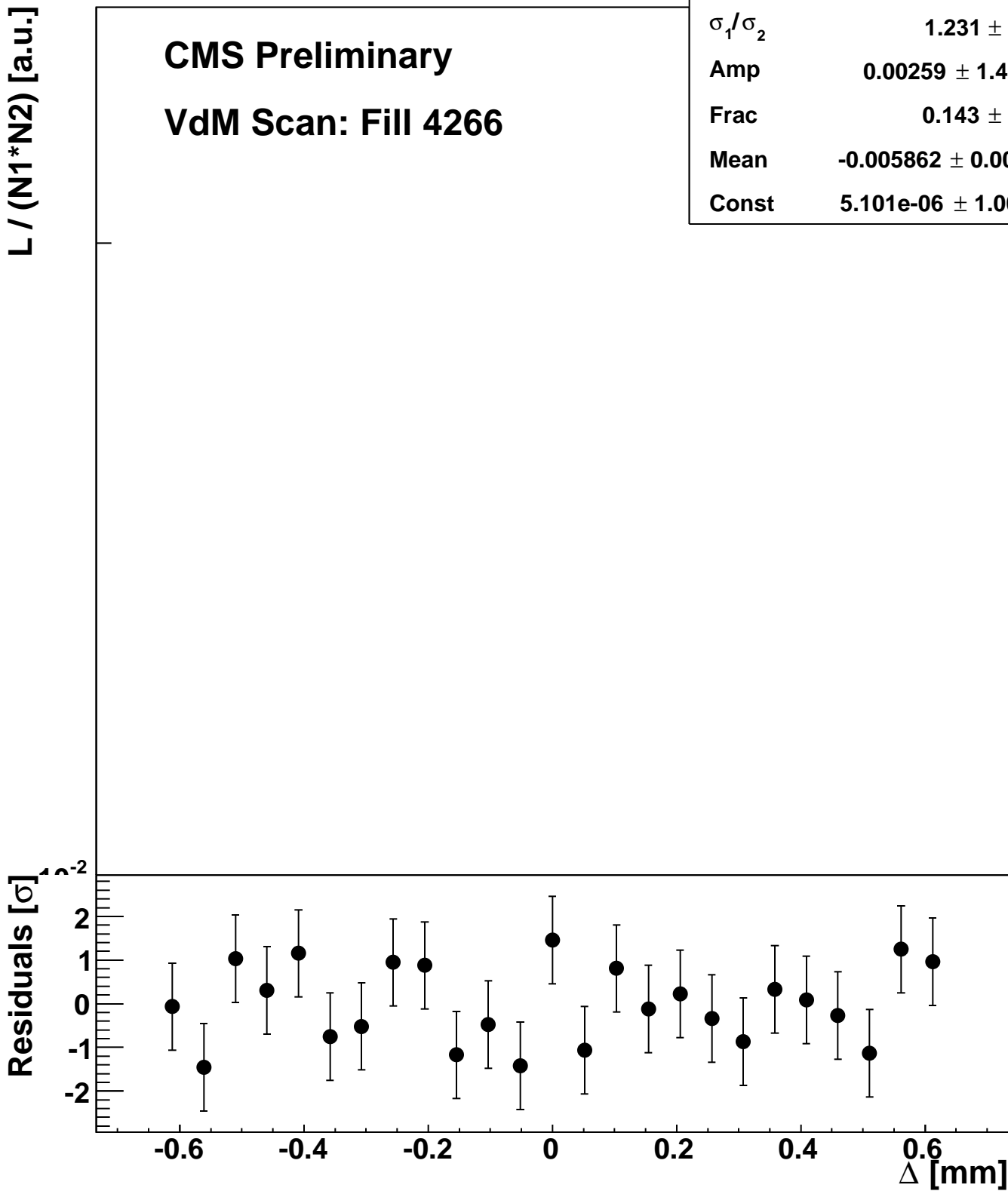
Scan 4: X-plane BCID 891

χ^2 / ndf	27.13 / 19
Σ	0.127 ± 0.0005236
σ_1 / σ_2	1.281 ± 0.1328
Amp	$0.002701 \pm 1.583\text{e-}05$
Frac	0.1437 ± 0.1711
Mean	-0.006672 ± 0.0005174
Const	$3.432\text{e-}06 \pm 8.171\text{e-}07$



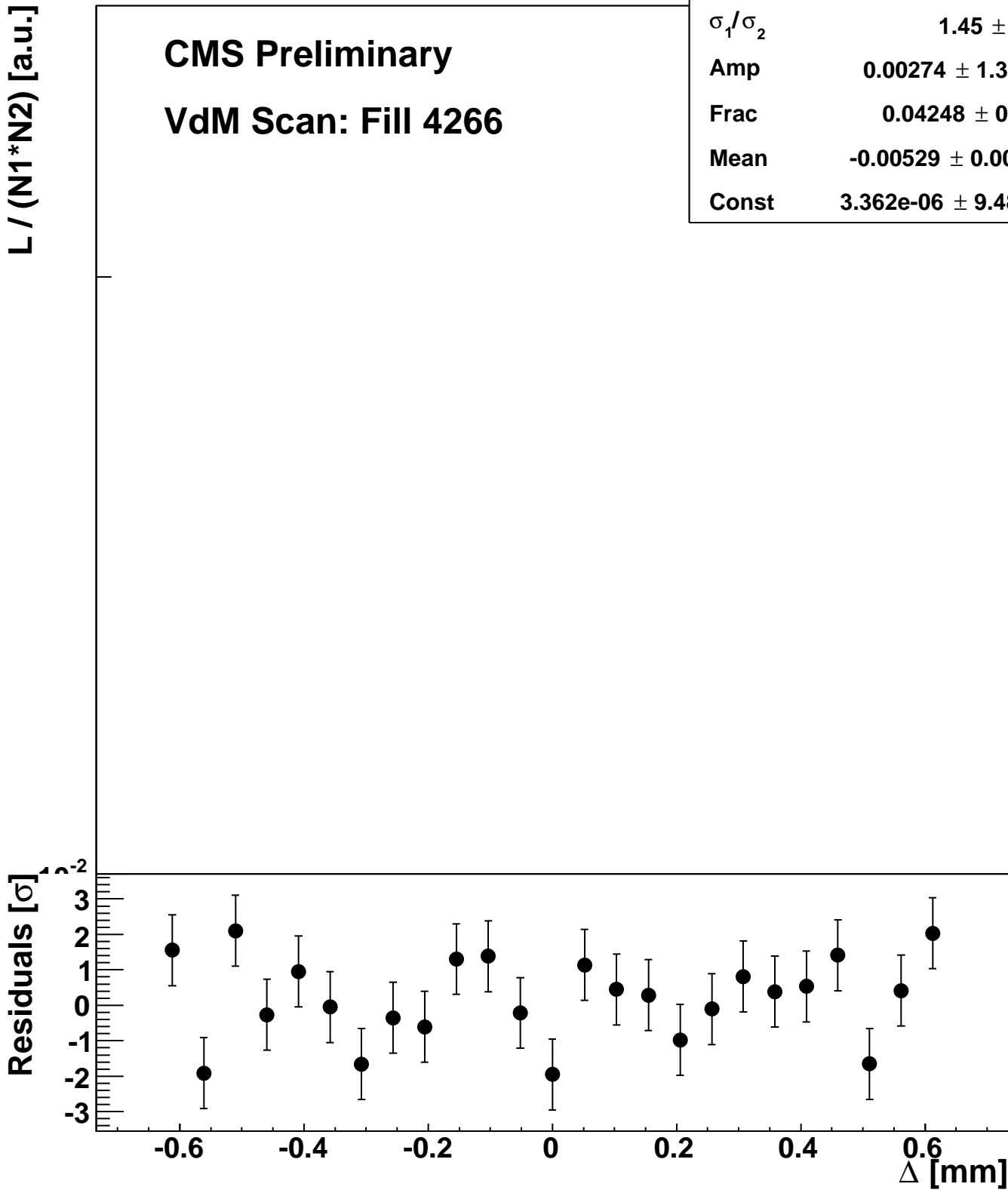
Scan 4: X-plane BCID 91

χ^2 / ndf	19.49 / 19
Σ	0.1303 ± 0.000597
σ_1 / σ_2	1.231 ± 0.2863
Amp	$0.00259 \pm 1.426\text{e-}05$
Frac	0.143 ± 0.5353
Mean	-0.005862 ± 0.0005369
Const	$5.101\text{e-}06 \pm 1.007\text{e-}06$



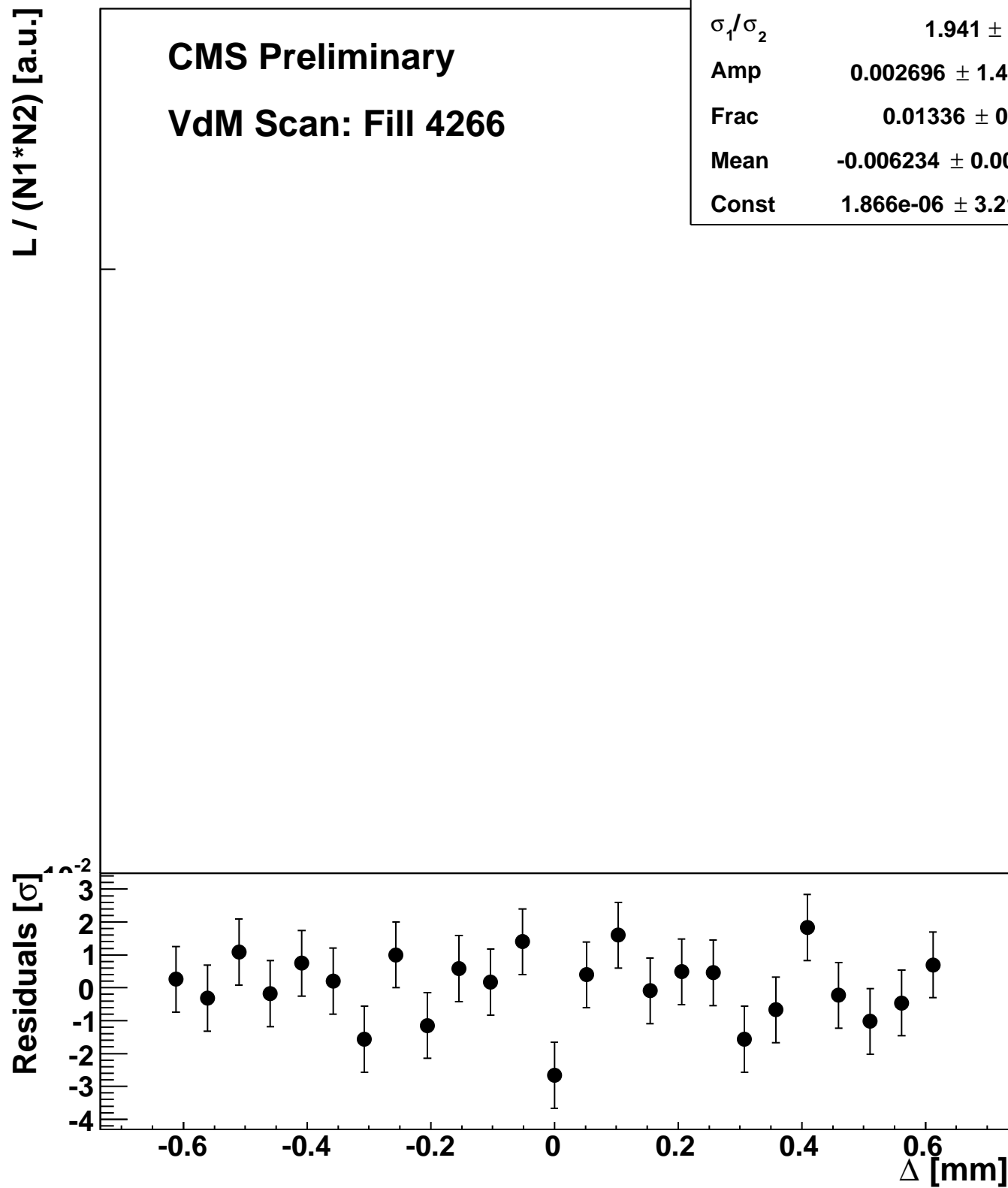
Scan 4: X-plane BCID 931

χ^2 / ndf	34.83 / 19
Σ	0.1266 ± 0.0004601
σ_1 / σ_2	1.45 ± 0.2371
Amp	$0.00274 \pm 1.359\text{e-}05$
Frac	0.04248 ± 0.04532
Mean	-0.00529 ± 0.0004749
Const	$3.362\text{e-}06 \pm 9.481\text{e-}07$

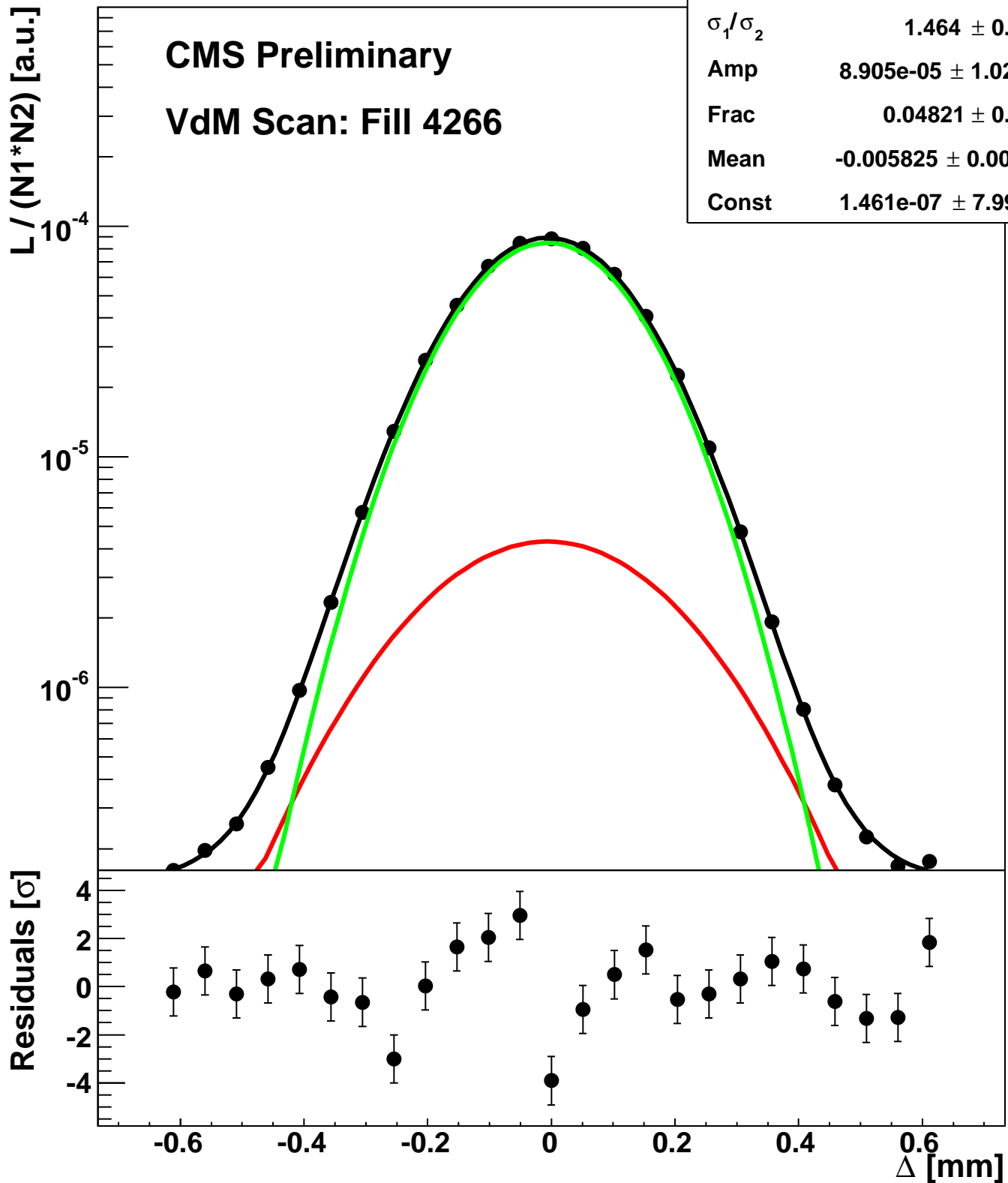


Scan 4: X-plane BCID 971

χ^2 / ndf	27.41 / 19
Σ	0.1279 ± 0.0008218
σ_1 / σ_2	1.941 ± 0.8377
Amp	$0.002696 \pm 1.407\text{e-}05$
Frac	0.01336 ± 0.01512
Mean	-0.006234 ± 0.0005194
Const	$1.866\text{e-}06 \pm 3.218\text{e-}06$

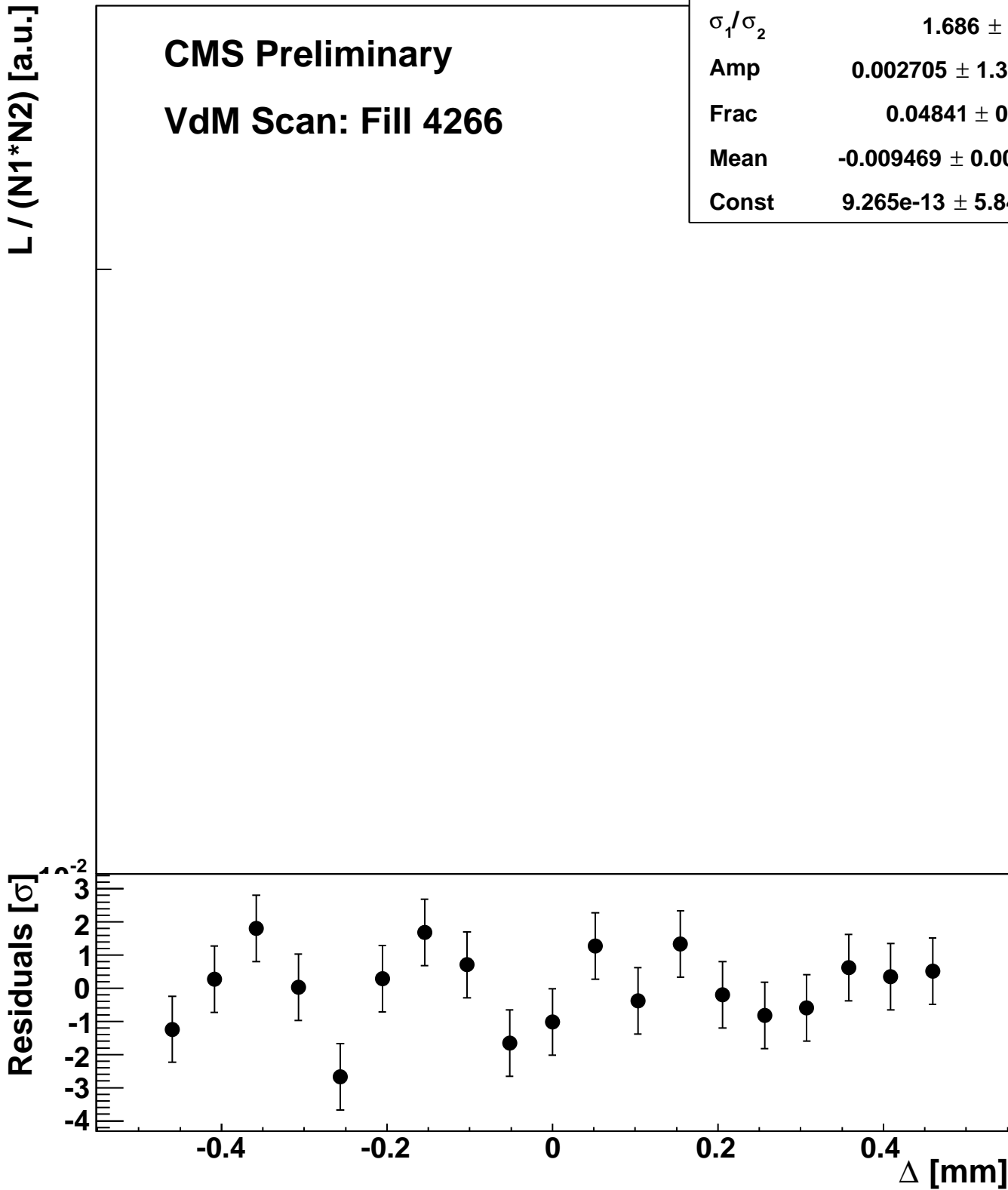


Scan 4: X-plane BCID sum



Scan 5: X-plane BCID 1011

χ^2 / ndf	24.5 / 13
Σ	0.1269 ± 0.0004874
σ_1 / σ_2	1.686 ± 0.1689
Amp	$0.002705 \pm 1.378\text{e-}05$
Frac	0.04841 ± 0.02524
Mean	-0.009469 ± 0.0004834
Const	$9.265\text{e-}13 \pm 5.846\text{e-}06$



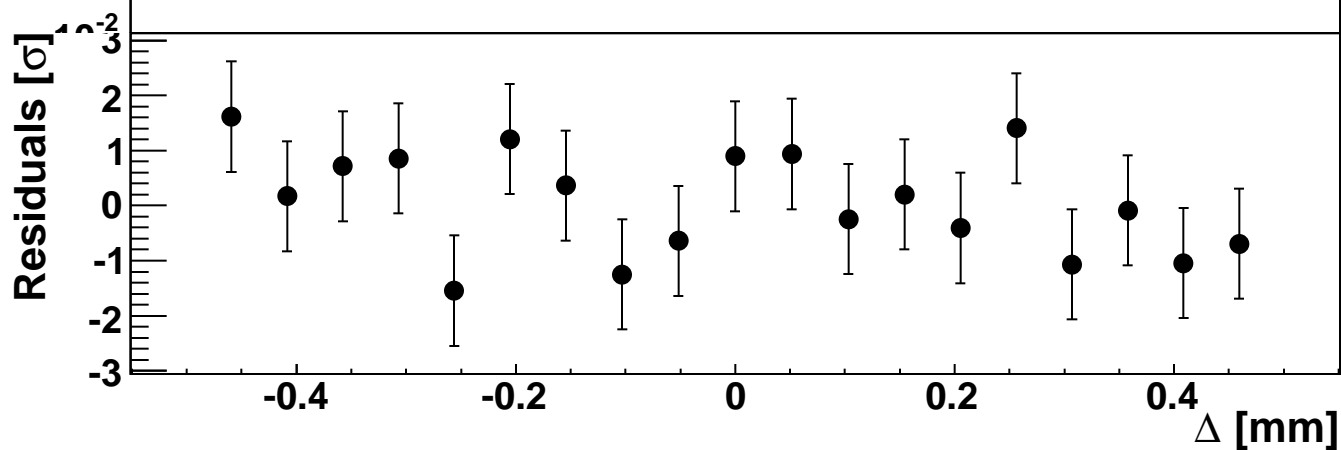
Scan 5: X-plane BCID 131

L / (N1*N2) [a.u.]

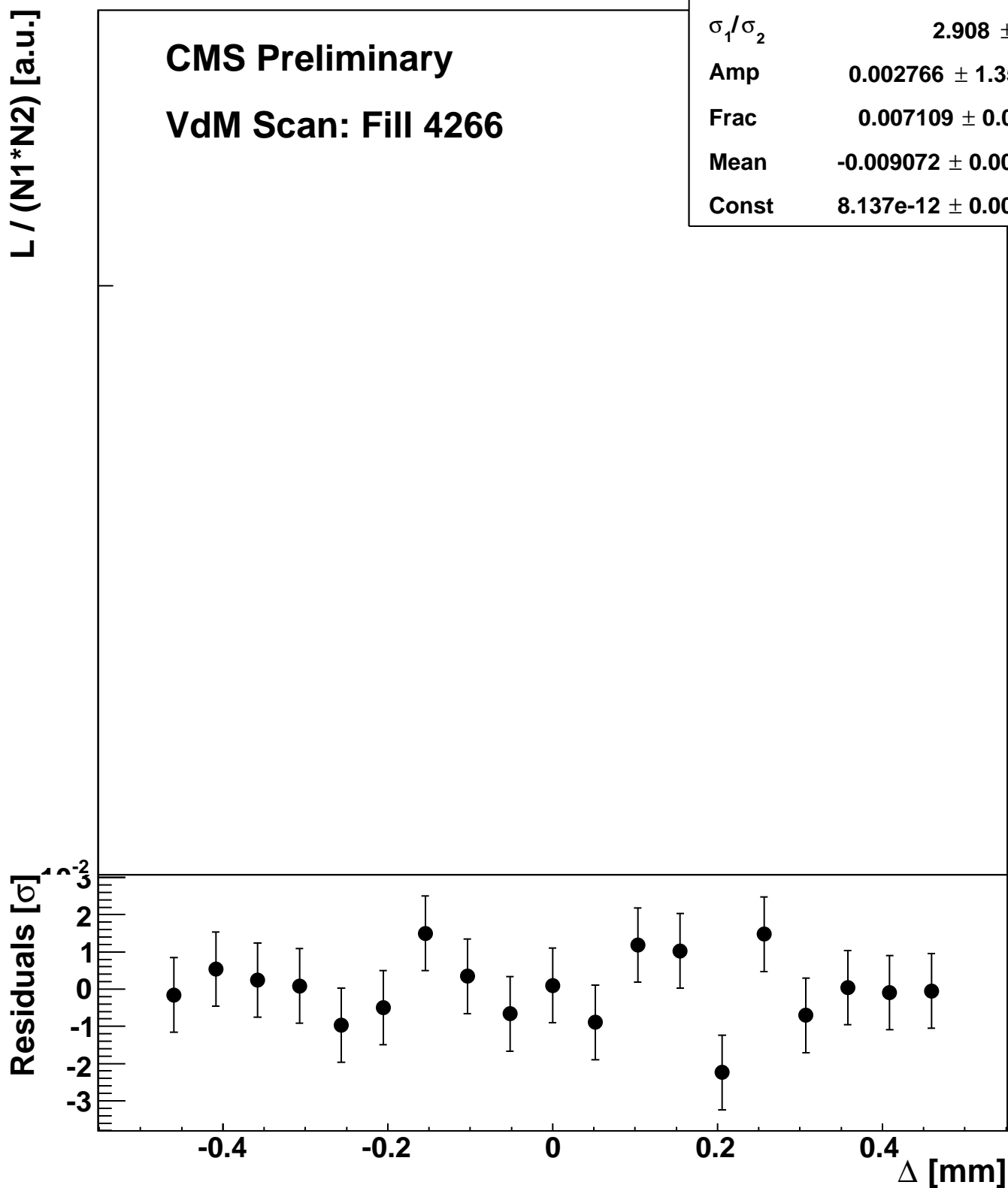
CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	16.47 / 13
Σ	0.1268 ± 0.002254
σ_1 / σ_2	1.367 ± 2.119
Amp	$0.002642 \pm 1.742\text{e-}05$
Frac	0.05272 ± 0.8377
Mean	-0.009492 ± 0.0005932
Const	$7.262\text{e-}06 \pm 1.51\text{e-}05$



Scan 5: X-plane BCID 1631



χ^2 / ndf	15.33 / 13
Σ	0.1258 ± 0.001136
σ_1 / σ_2	2.908 ± 2.425
Amp	$0.002766 \pm 1.353\text{e-}05$
Frac	0.007109 ± 0.009833
Mean	-0.009072 ± 0.0005166
Const	$8.137\text{e-}12 \pm 0.0001306$

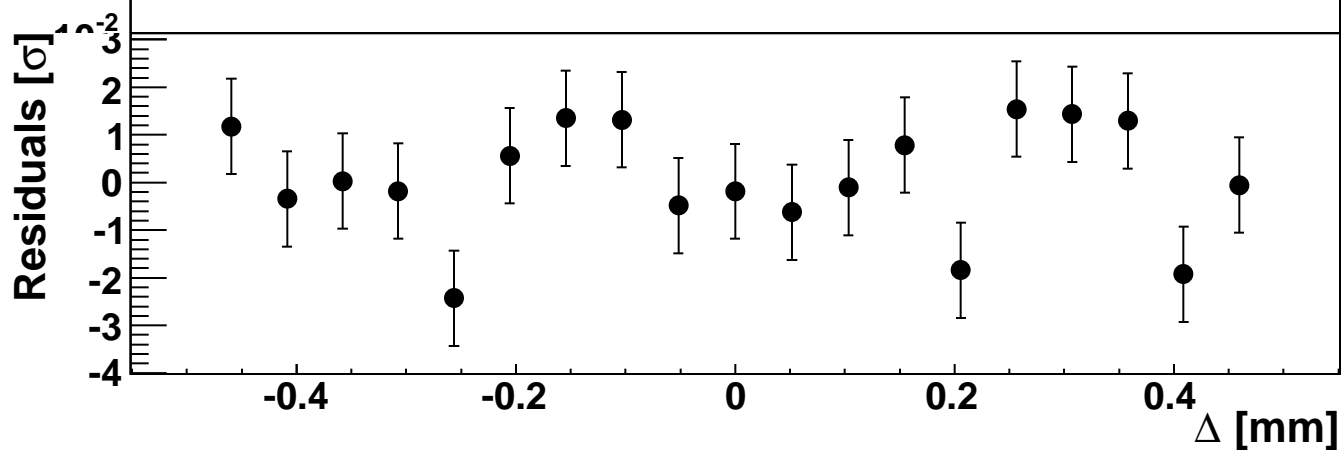
Scan 5: X-plane BCID 1671

L / (N1*N2) [a.u.]

CMS Preliminary

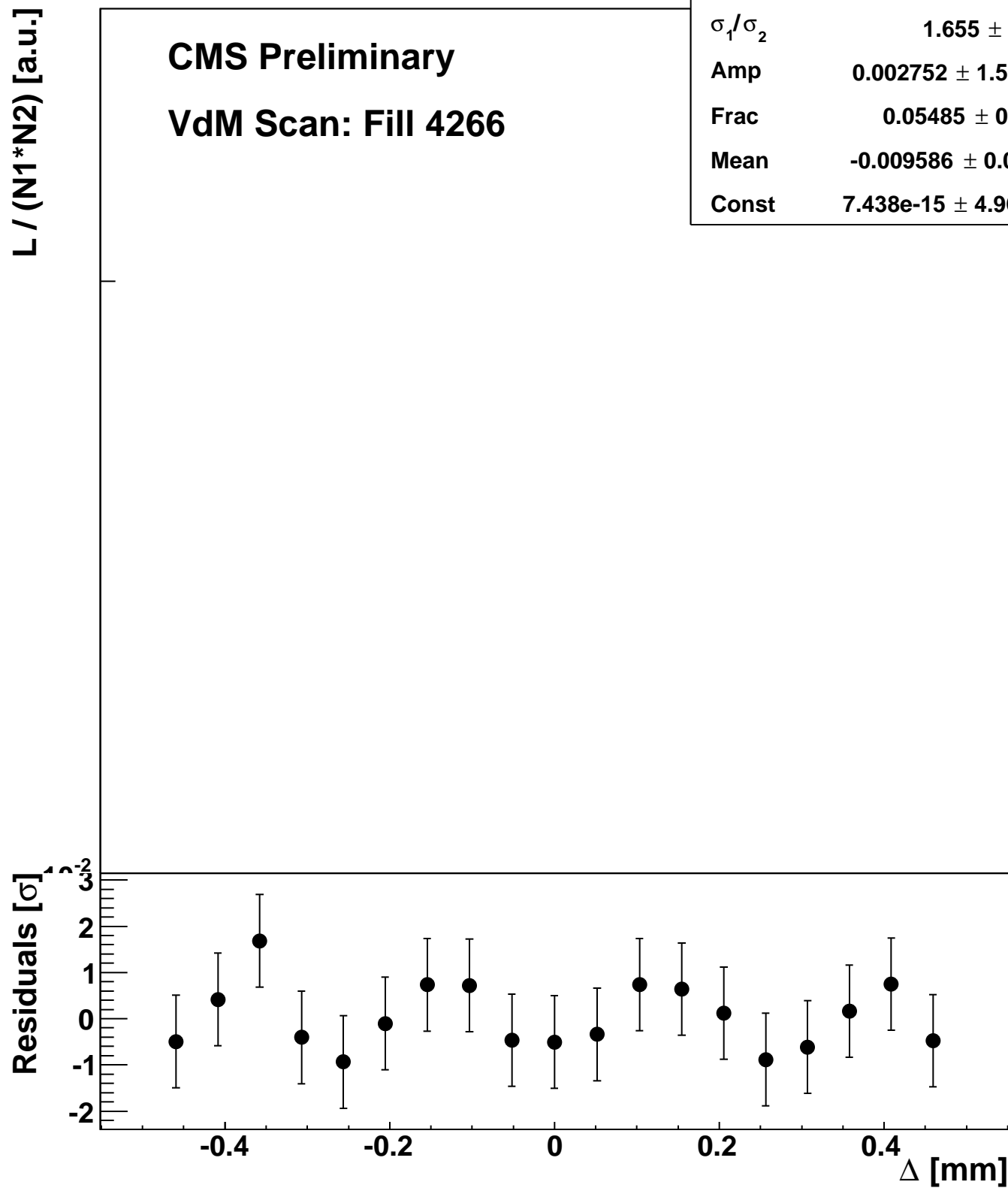
VdM Scan: Fill 4266

χ^2 / ndf	25.77 / 13
Σ	0.1245 ± 0.000963
σ_1 / σ_2	1.406 ± 0.3543
Amp	$0.002741 \pm 1.561\text{e-}05$
Frac	0.1133 ± 0.1752
Mean	-0.009886 ± 0.0005179
Const	$5.848\text{e-}06 \pm 6.111\text{e-}06$

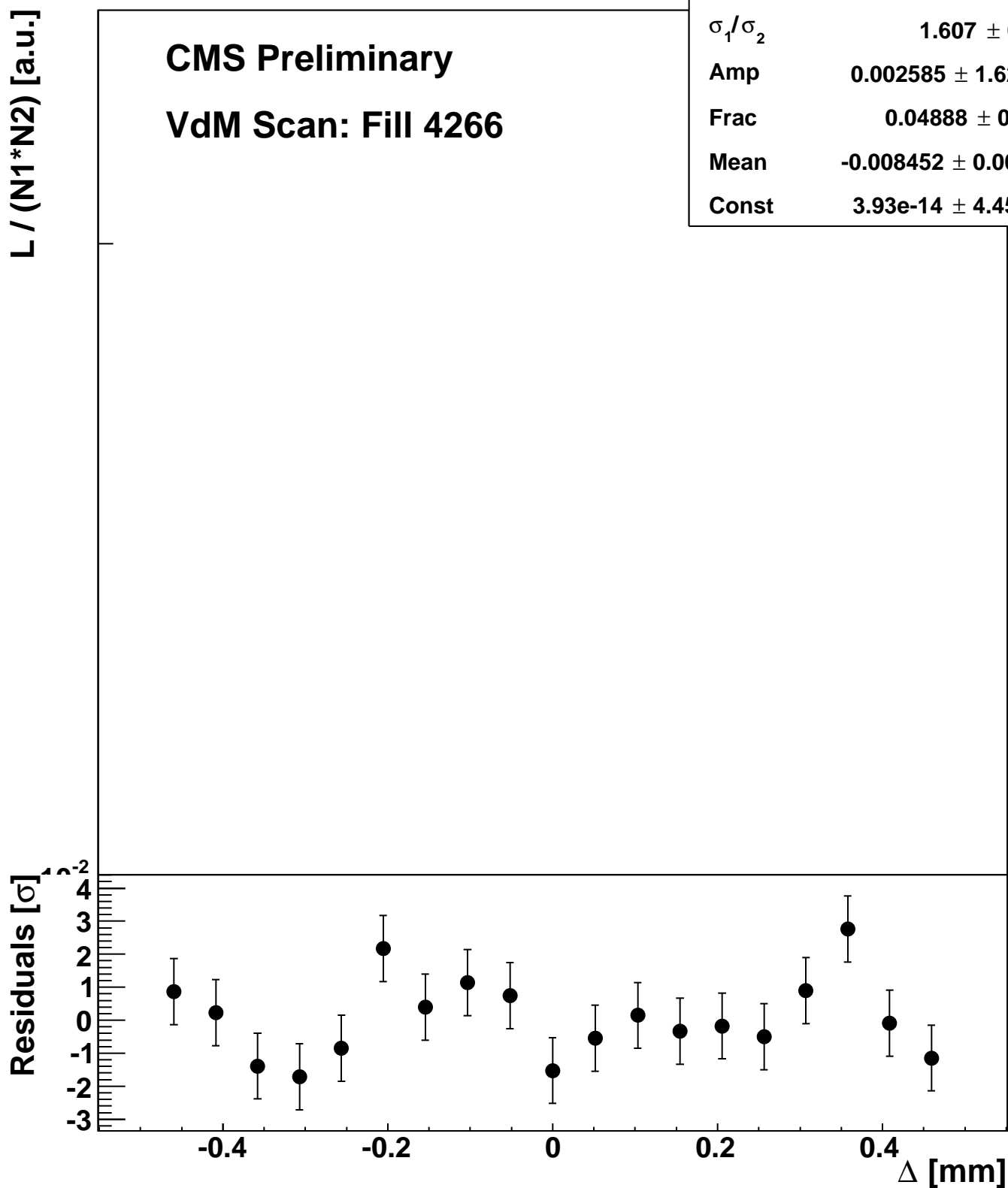


Scan 5: X-plane BCID 1711

χ^2 / ndf	8.881 / 13
Σ	0.1257 ± 0.0005607
σ_1 / σ_2	1.655 ± 0.1637
Amp	$0.002752 \pm 1.571\text{e-}05$
Frac	0.05485 ± 0.03044
Mean	-0.009586 ± 0.000593
Const	$7.438\text{e-}15 \pm 4.969\text{e-}06$



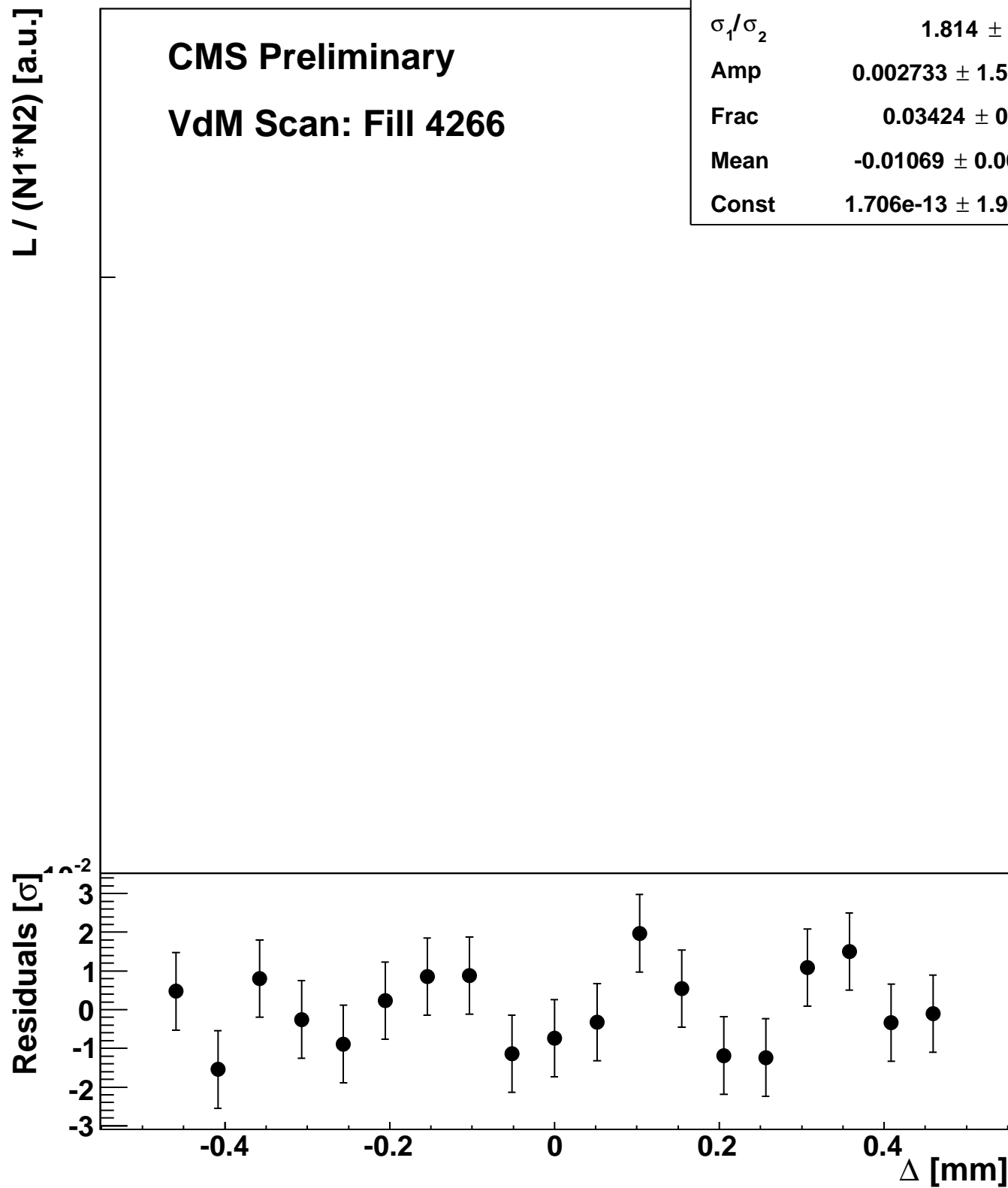
Scan 5: X-plane BCID 171



χ^2 / ndf	25.89 / 13
Σ	0.129 ± 0.0005353
σ_1 / σ_2	1.607 ± 0.1457
Amp	$0.002585 \pm 1.629\text{e-}05$
Frac	0.04888 ± 0.02511
Mean	-0.008452 ± 0.0005731
Const	$3.93\text{e-}14 \pm 4.458\text{e-}06$

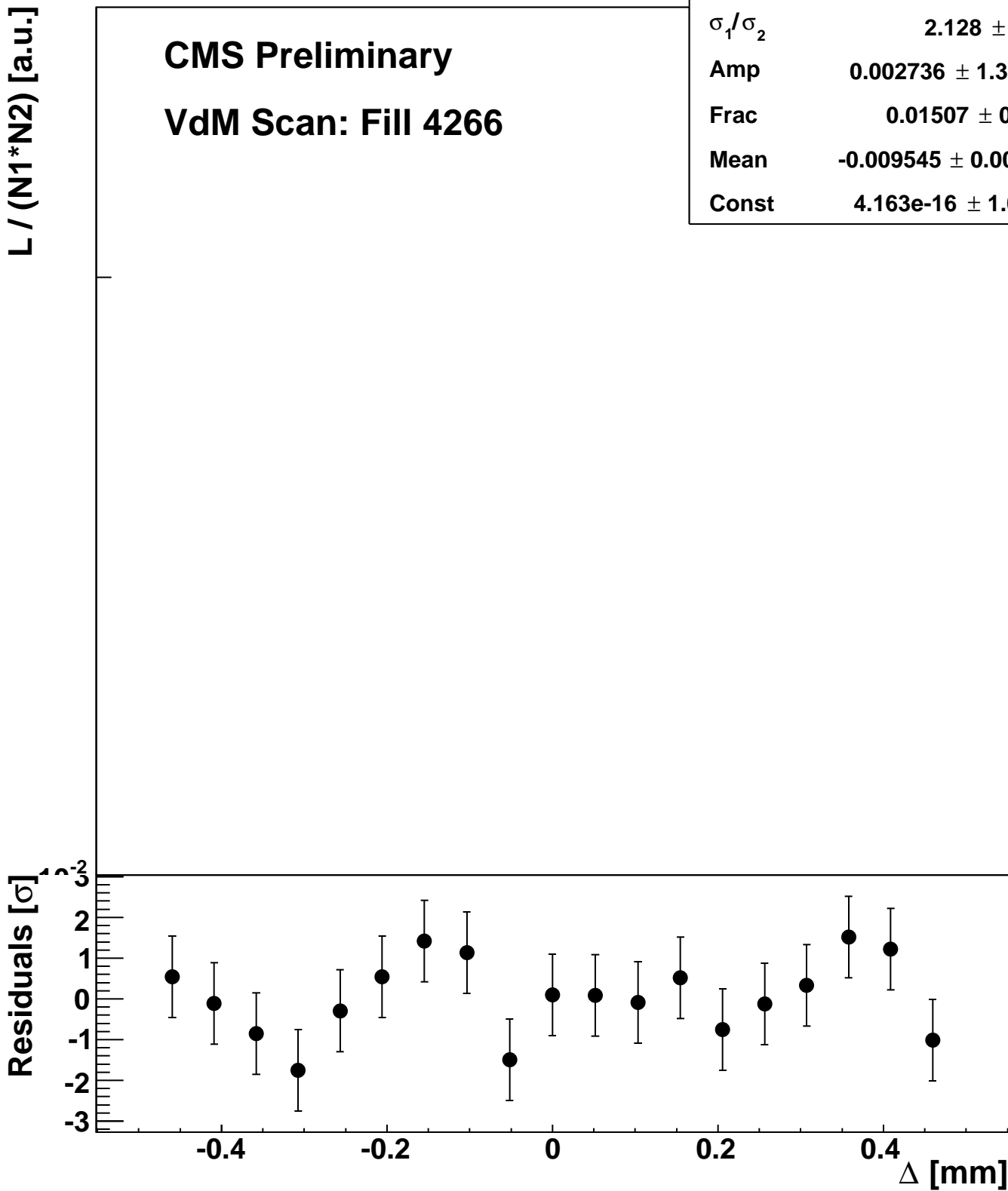
Scan 5: X-plane BCID 1751

χ^2 / ndf	18.28 / 13
Σ	0.1253 ± 0.0005559
σ_1 / σ_2	1.814 ± 0.2617
Amp	$0.002733 \pm 1.584\text{e-}05$
Frac	0.03424 ± 0.02097
Mean	-0.01069 ± 0.0005551
Const	$1.706\text{e-}13 \pm 1.935\text{e-}05$



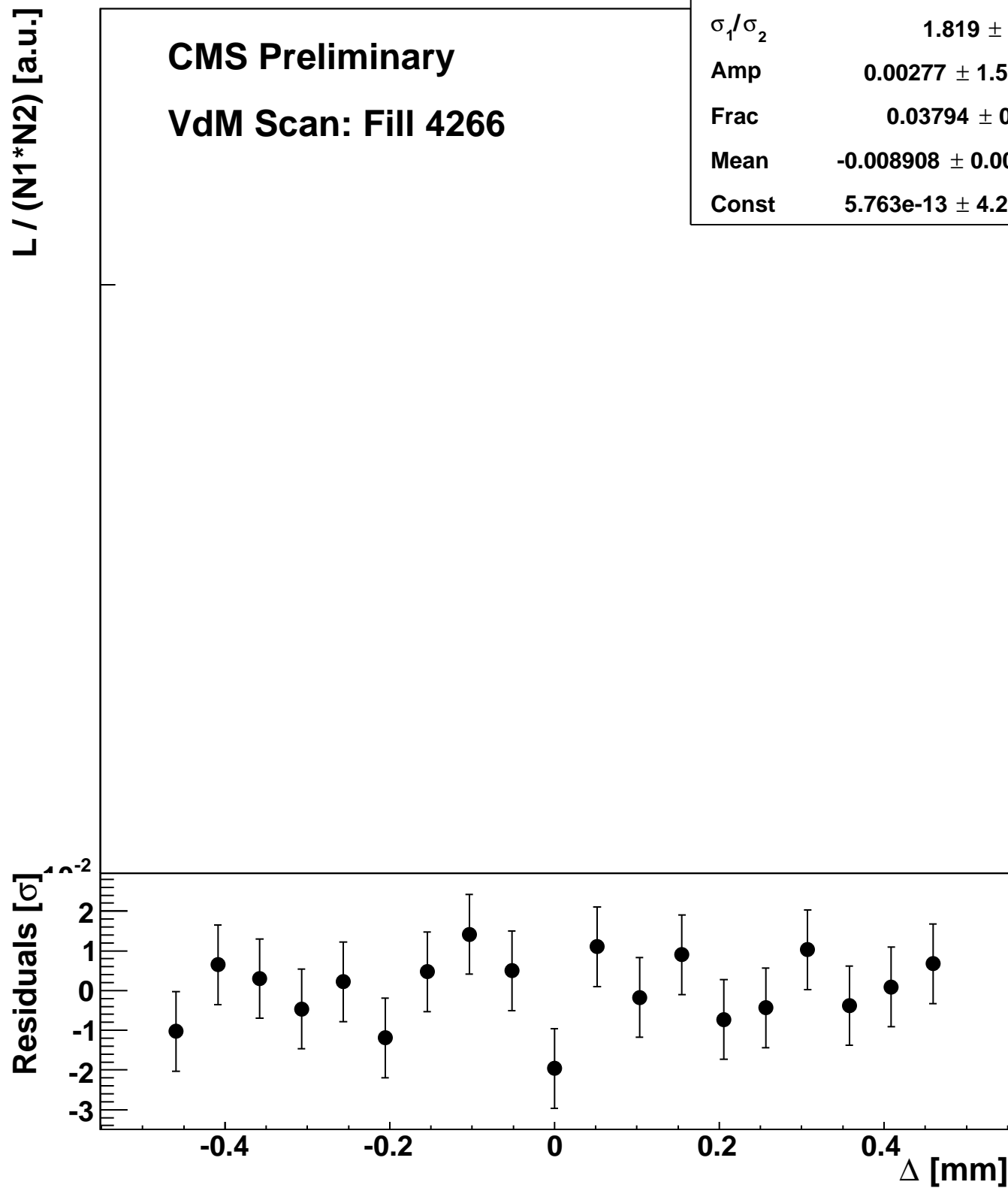
Scan 5: X-plane BCID 1791

χ^2 / ndf	15.79 / 13
Σ	0.1261 ± 0.0004909
σ_1 / σ_2	2.128 ± 0.4751
Amp	$0.002736 \pm 1.306\text{e-}05$
Frac	0.01507 ± 0.01001
Mean	-0.009545 ± 0.0004988
Const	$4.163\text{e-}16 \pm 1.03\text{e-}05$



Scan 5: X-plane BCID 1831

χ^2 / ndf	14.02 / 13
Σ	0.1252 ± 0.0005564
σ_1 / σ_2	1.819 ± 0.2494
Amp	$0.00277 \pm 1.529\text{e-}05$
Frac	0.03794 ± 0.02221
Mean	-0.008908 ± 0.0005769
Const	$5.763\text{e-}13 \pm 4.268\text{e-}05$



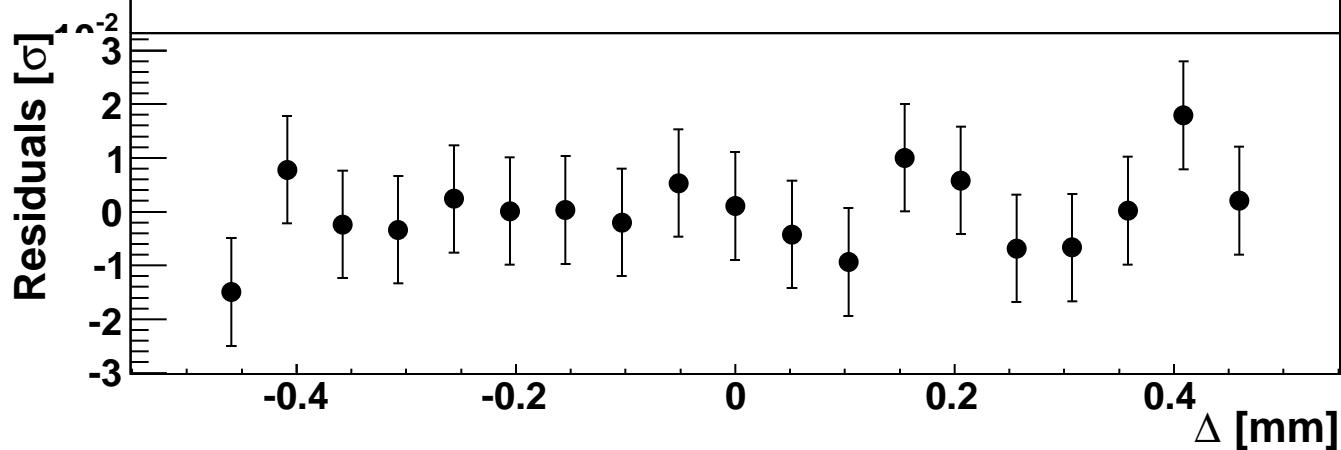
Scan 5: X-plane BCID 1871

L / (N1*N2) [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	9.95 / 13
Σ	0.126 ± 0.0004757
σ_1 / σ_2	1.61 ± 0.1277
Amp	$0.002715 \pm 1.516\text{e-}05$
Frac	0.06363 ± 0.0292
Mean	-0.009447 ± 0.0004697
Const	$8.153\text{e-}13 \pm 5.642\text{e-}06$

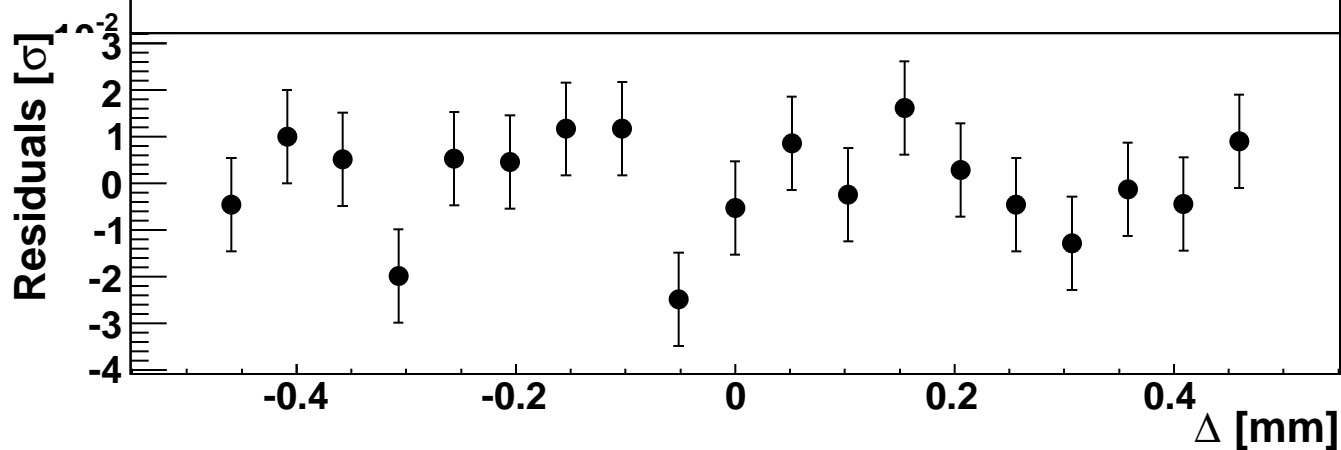


Scan 5: X-plane BCID 1

L / (N1*N2) [a.u.]

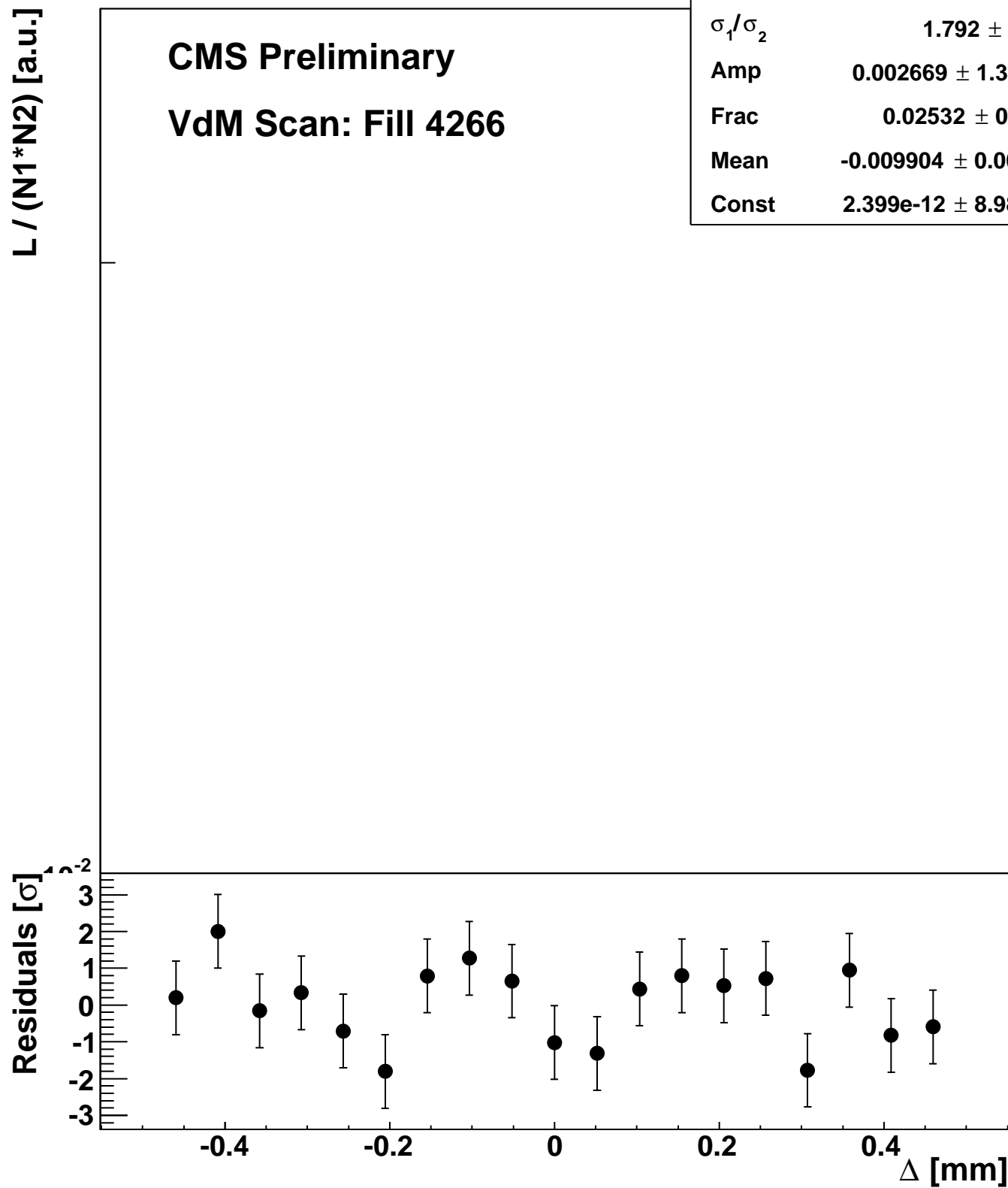
CMS Preliminary
VdM Scan: Fill 4266

χ^2 / ndf	21.41 / 13
Σ	$0.134 \pm 2.652\text{e-}07$
σ_1 / σ_2	1.002 ± 8.878
Amp	$0.002141 \pm 7.274\text{e-}09$
Frac	$1.11\text{e-}16 \pm 0.04935$
Mean	$-0.01176 \pm 4.524\text{e-}07$
Const	$7.066\text{e-}06 \pm 8.339\text{e-}10$



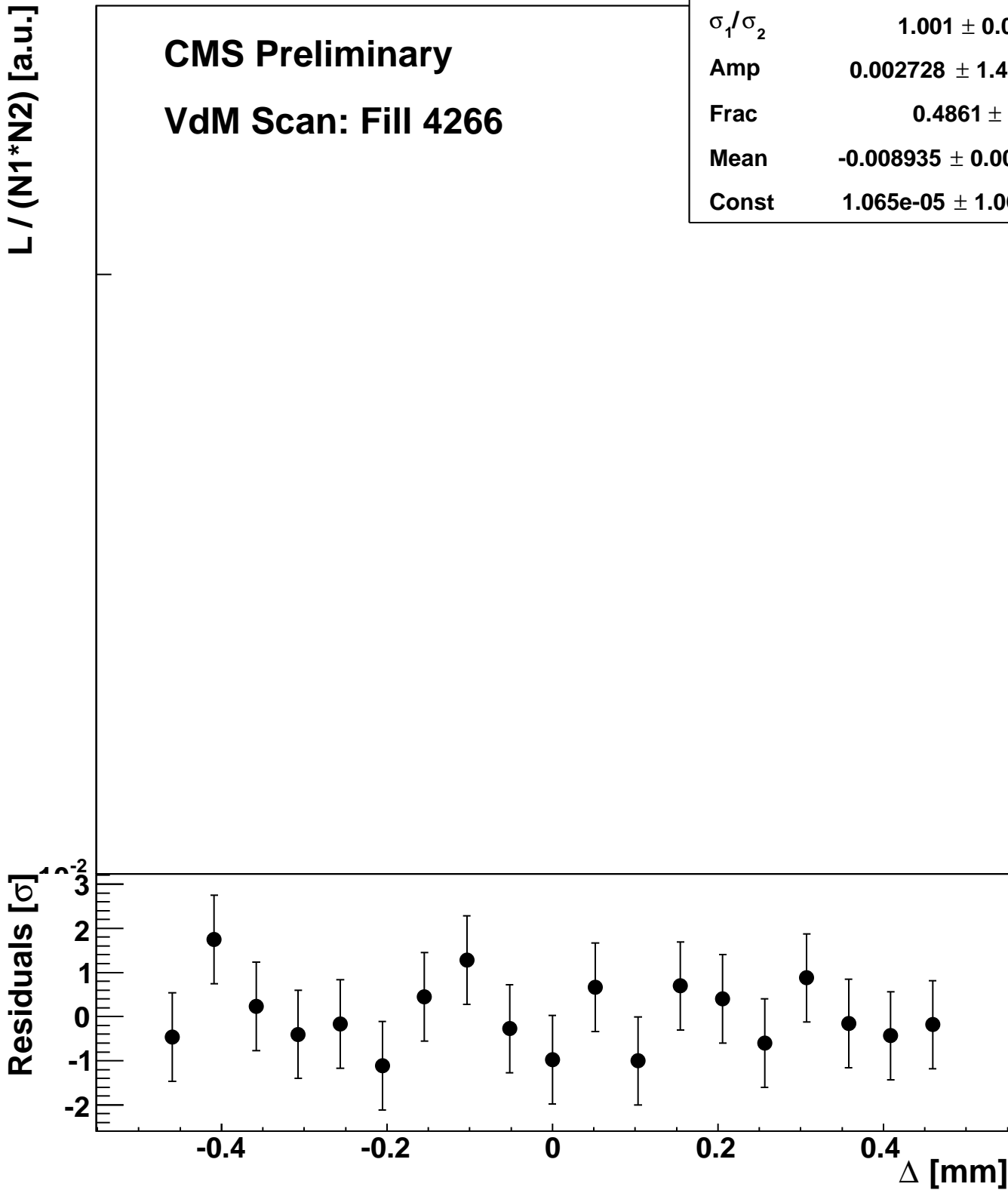
Scan 5: X-plane BCID 211

χ^2 / ndf	20.08 / 13
Σ	0.1273 ± 0.0004833
σ_1 / σ_2	1.792 ± 0.2854
Amp	$0.002669 \pm 1.398\text{e-}05$
Frac	0.02532 ± 0.01757
Mean	-0.009904 ± 0.0004871
Const	$2.399\text{e-}12 \pm 8.982\text{e-}06$



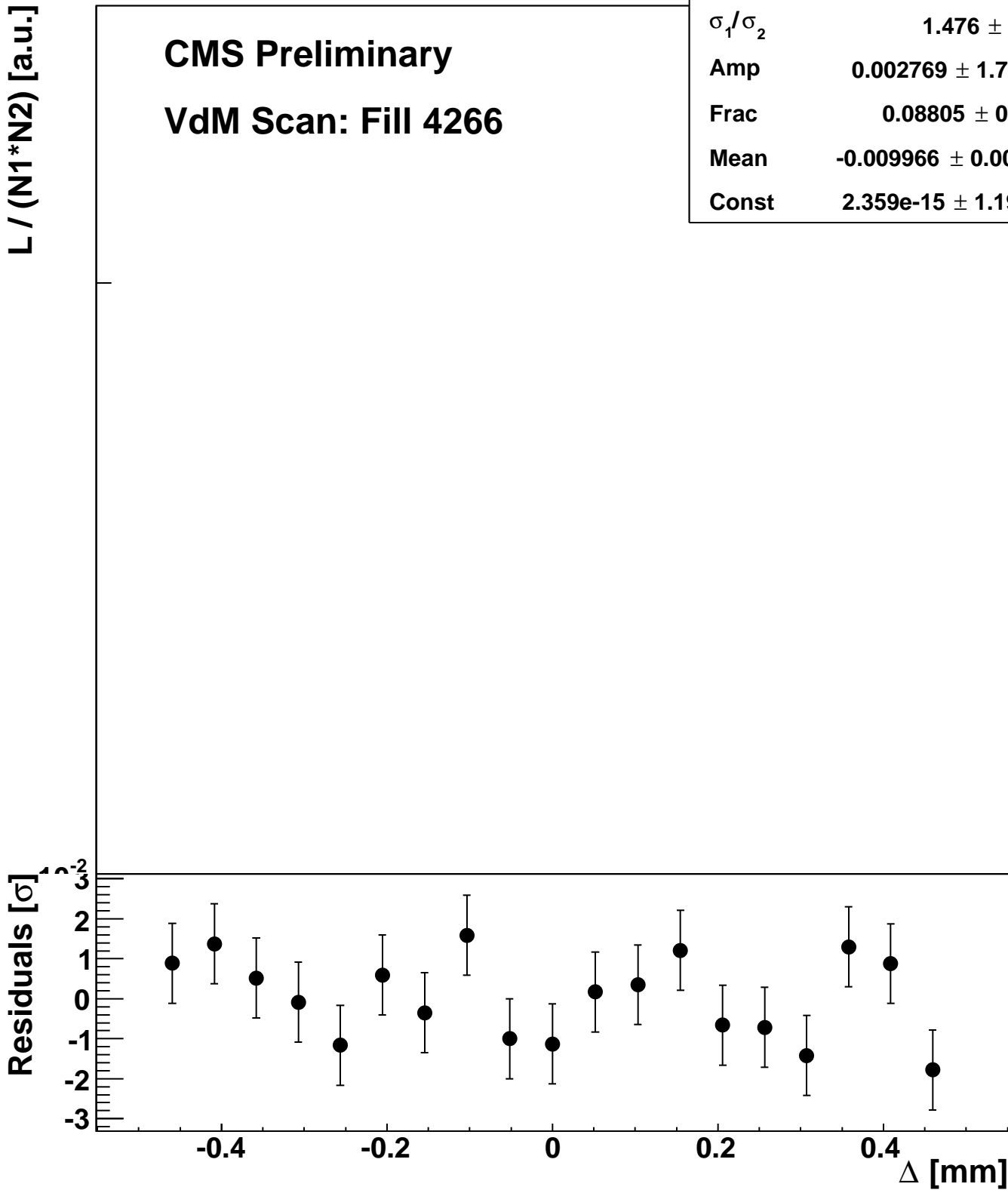
Scan 5: X-plane BCID 2211

χ^2 / ndf	11.06 / 13
Σ	0.1248 ± 0.0004778
σ_1 / σ_2	1.001 ± 0.002347
Amp	$0.002728 \pm 1.492\text{e-}05$
Frac	0.4861 ± 0.5347
Mean	-0.008935 ± 0.0005848
Const	$1.065\text{e-}05 \pm 1.061\text{e-}06$



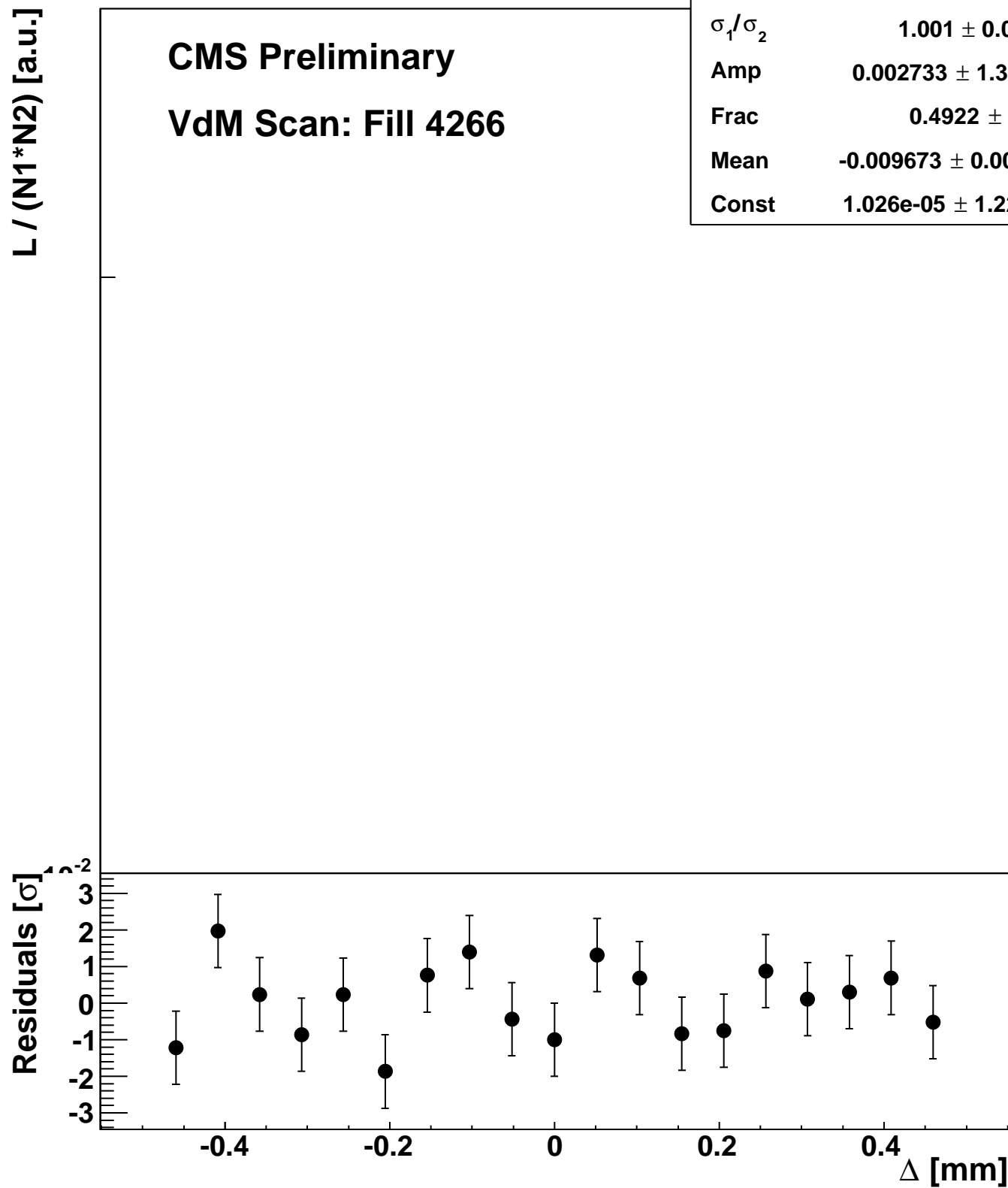
Scan 5: X-plane BCID 2251

χ^2 / ndf	19.75 / 13
Σ	0.1246 ± 0.0005347
σ_1 / σ_2	1.476 ± 0.1258
Amp	$0.002769 \pm 1.785\text{e-}05$
Frac	0.08805 ± 0.05876
Mean	-0.009966 ± 0.0004902
Const	$2.359\text{e-}15 \pm 1.191\text{e-}06$

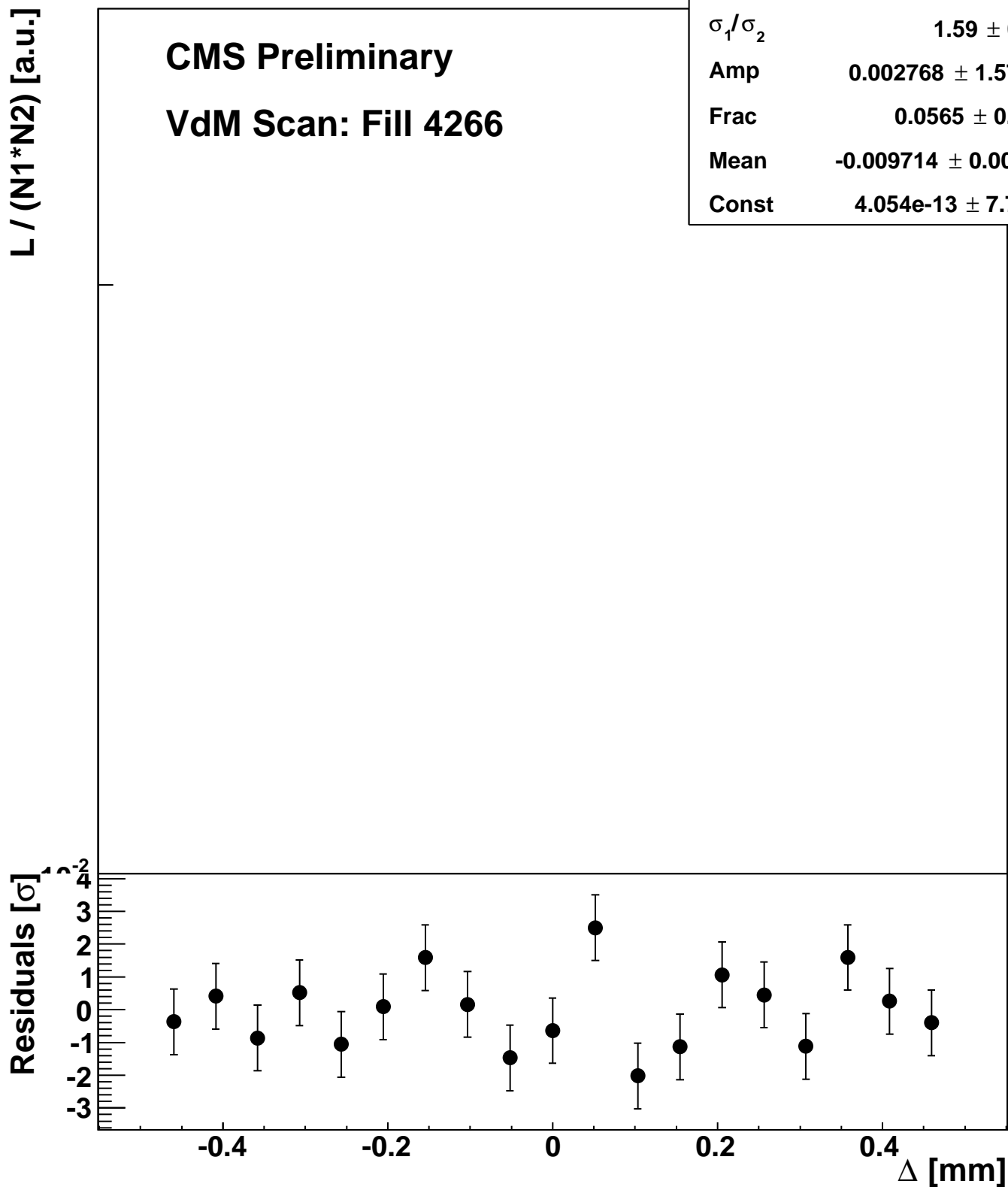


Scan 5: X-plane BCID 2291

χ^2 / ndf	18.51 / 13
Σ	0.1252 ± 0.0004201
σ_1 / σ_2	1.001 ± 0.002708
Amp	$0.002733 \pm 1.351\text{e-}05$
Frac	0.4922 ± 0.7498
Mean	-0.009673 ± 0.0005159
Const	$1.026\text{e-}05 \pm 1.223\text{e-}06$

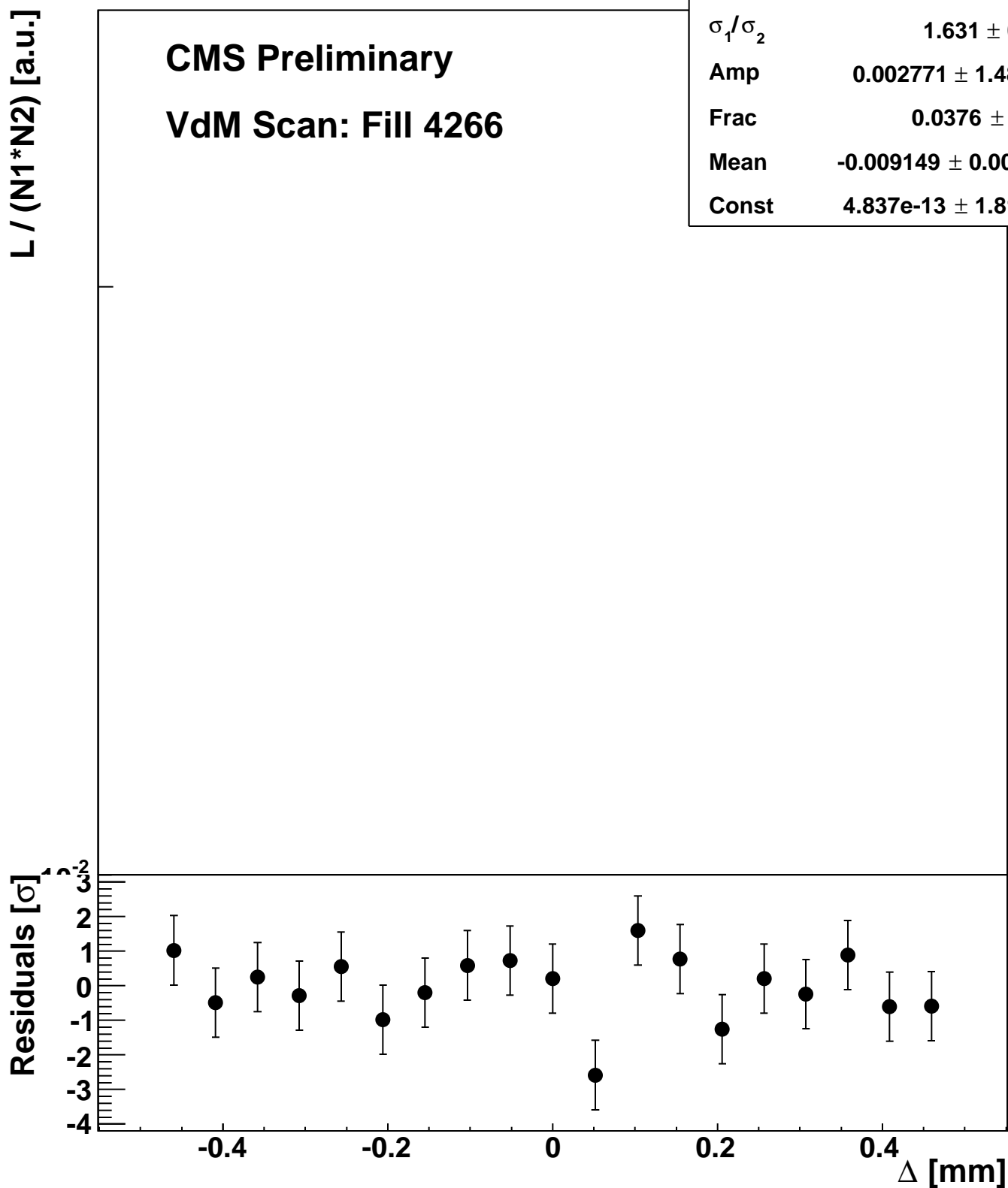


Scan 5: X-plane BCID 2331



χ^2 / ndf	24.51 / 13
Σ	0.1254 ± 0.000589
σ_1 / σ_2	1.59 ± 0.2268
Amp	$0.002768 \pm 1.574\text{e-}05$
Frac	0.0565 ± 0.04724
Mean	-0.009714 ± 0.0005422
Const	$4.054\text{e-}13 \pm 7.76\text{e-}06$

Scan 5: X-plane BCID 2371



χ^2 / ndf	16.62 / 13
Σ	0.1253 ± 0.0005396
σ_1 / σ_2	1.631 ± 0.2419
Amp	$0.002771 \pm 1.482\text{e-}05$
Frac	0.0376 ± 0.0311
Mean	-0.009149 ± 0.0005283
Const	$4.837\text{e-}13 \pm 1.818\text{e-}05$

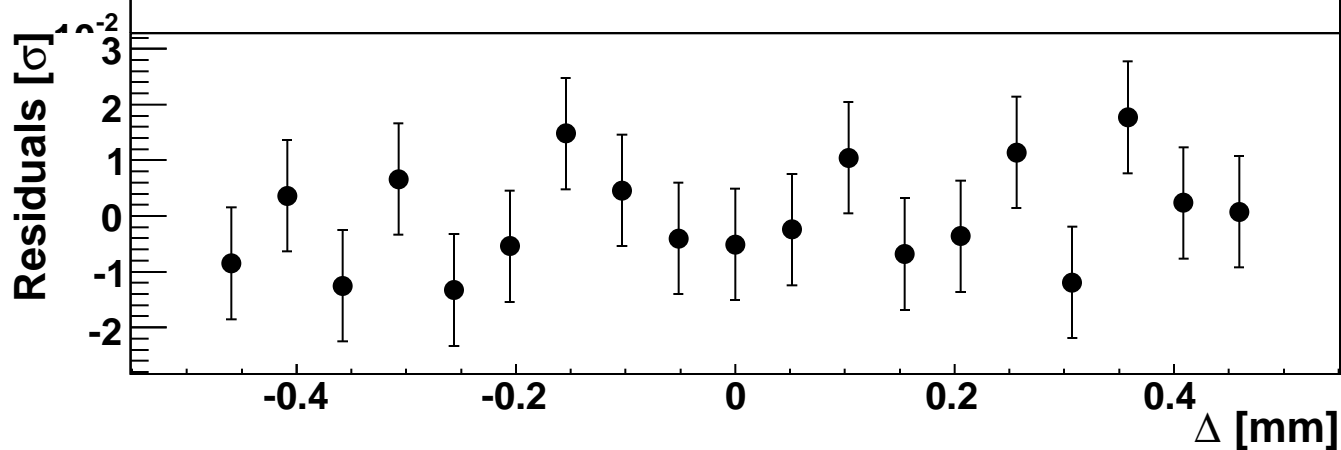
Scan 5: X-plane BCID 2411

$L / (N1 \cdot N2)$ [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	15.41 / 13
Σ	0.1263 ± 0.0005435
σ_1 / σ_2	1.987 ± 0.3596
Amp	$0.002713 \pm 1.518\text{e-}05$
Frac	0.02326 ± 0.01448
Mean	-0.009943 ± 0.0005257
Const	$4.105\text{e-}13 \pm 2.399\text{e-}05$



Scan 5: X-plane BCID 2451

L / (N1*N2) [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf 12.78 / 13

Σ 0.1247 ± 0.000553

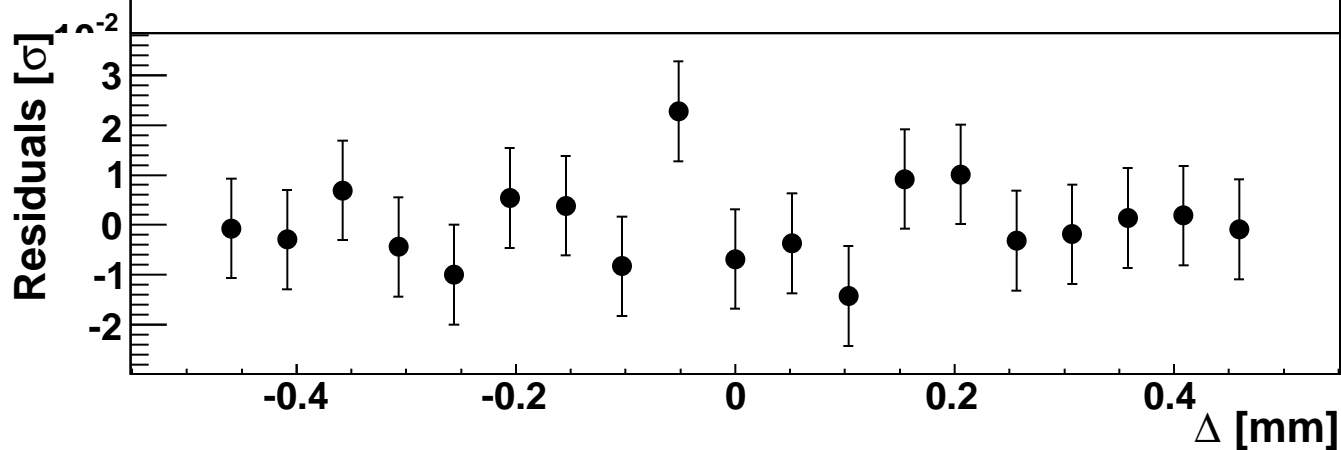
σ_1 / σ_2 1.858 ± 0.2803

Amp $0.002741 \pm 1.579\text{e-}05$

Frac 0.03275 ± 0.0199

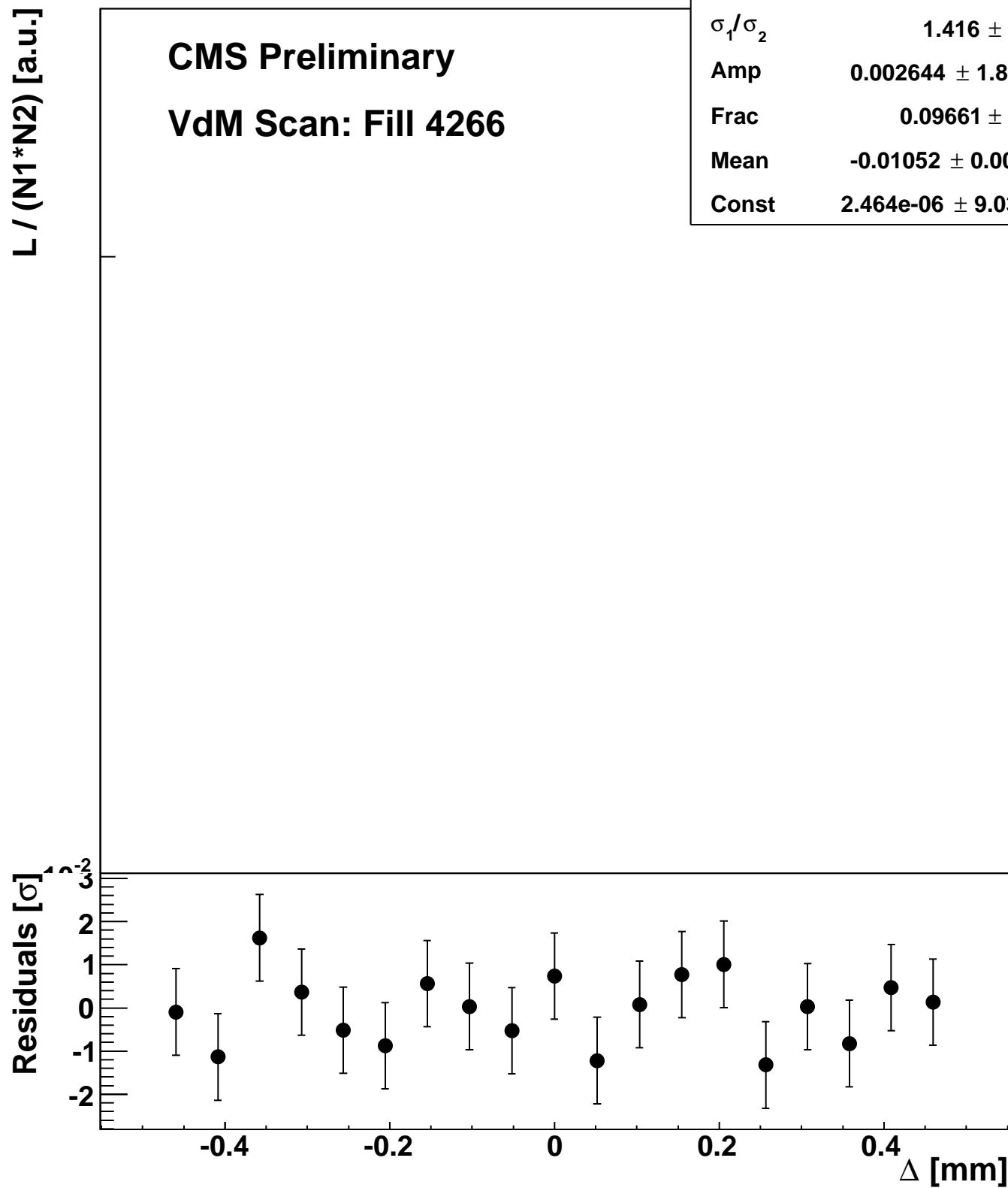
Mean -0.00946 ± 0.0005088

Const $1.975\text{e-}13 \pm 4.049\text{e-}05$



Scan 5: X-plane BCID 251

χ^2 / ndf	12 / 13
Σ	0.1275 ± 0.001387
σ_1 / σ_2	1.416 ± 0.5723
Amp	$0.002644 \pm 1.818\text{e-}05$
Frac	0.09661 ± 0.2064
Mean	-0.01052 ± 0.0005763
Const	$2.464\text{e-}06 \pm 9.037\text{e-}06$



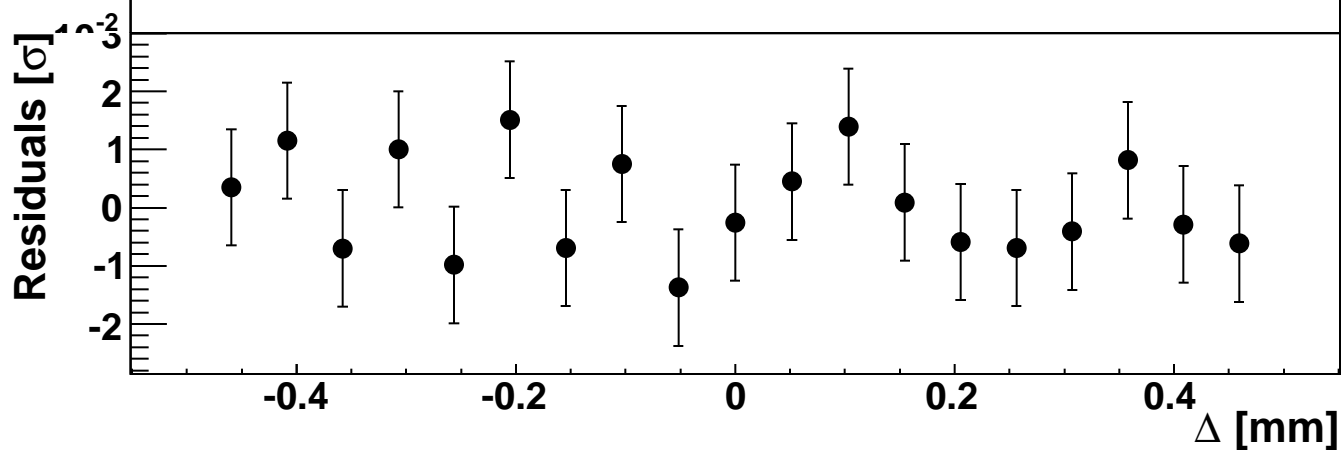
Scan 5: X-plane BCID 2674

$L / (N1 \cdot N2)$ [a.u.]

CMS Preliminary

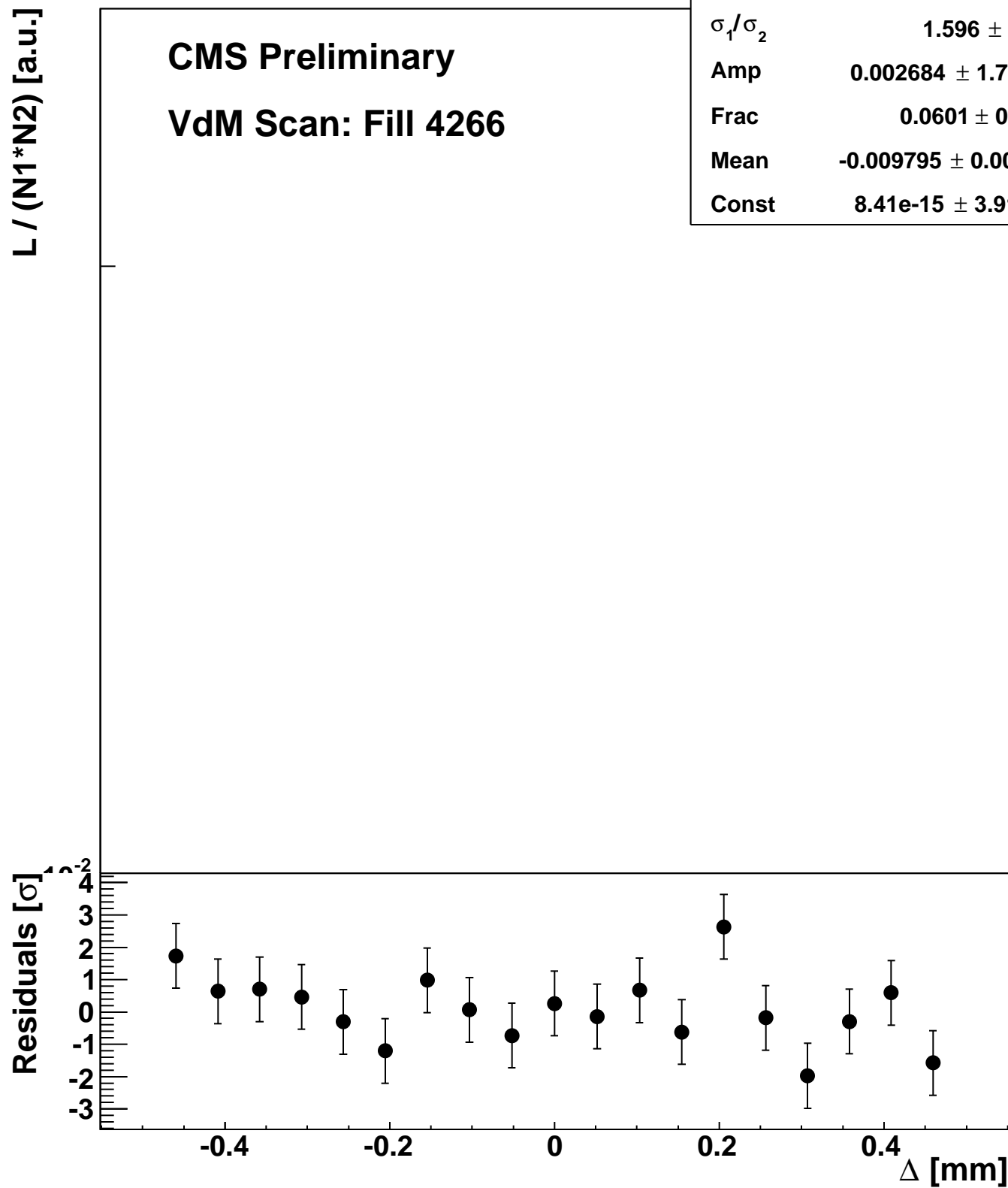
VdM Scan: Fill 4266

χ^2 / ndf	13.46 / 13
Σ	0.1213 ± 0.0005587
σ_1 / σ_2	2.159 ± 0.4464
Amp	$0.002924 \pm 1.935\text{e-}05$
Frac	0.01561 ± 0.009933
Mean	-0.01079 ± 0.0005018
Const	$1.484\text{e-}12 \pm 1.807\text{e-}05$



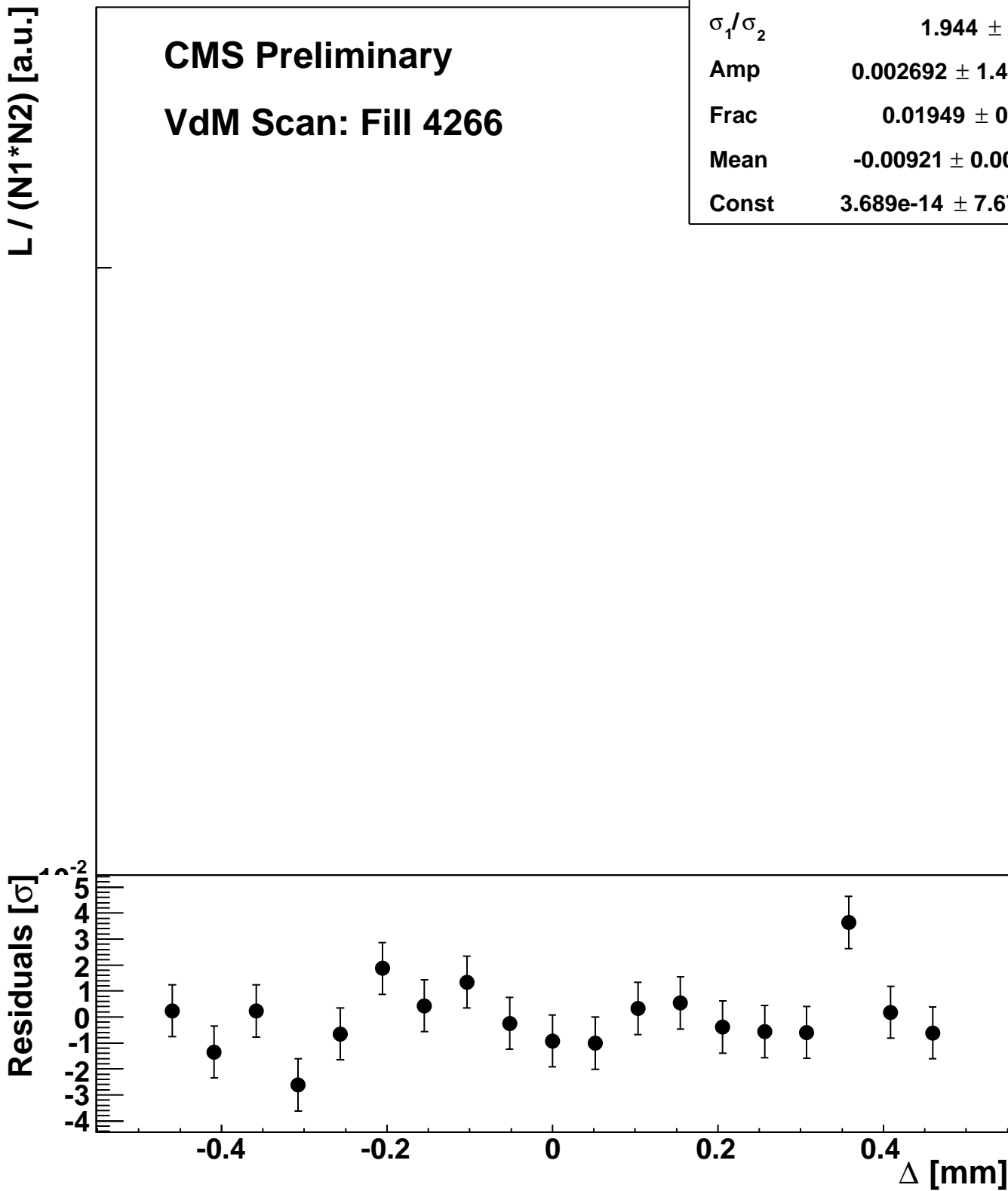
Scan 5: X-plane BCID 291

χ^2 / ndf	21.86 / 13
Σ	0.1267 ± 0.0005363
σ_1 / σ_2	1.596 ± 0.1546
Amp	$0.002684 \pm 1.754\text{e-}05$
Frac	0.0601 ± 0.03524
Mean	-0.009795 ± 0.0005152
Const	$8.41\text{e-}15 \pm 3.917\text{e-}06$



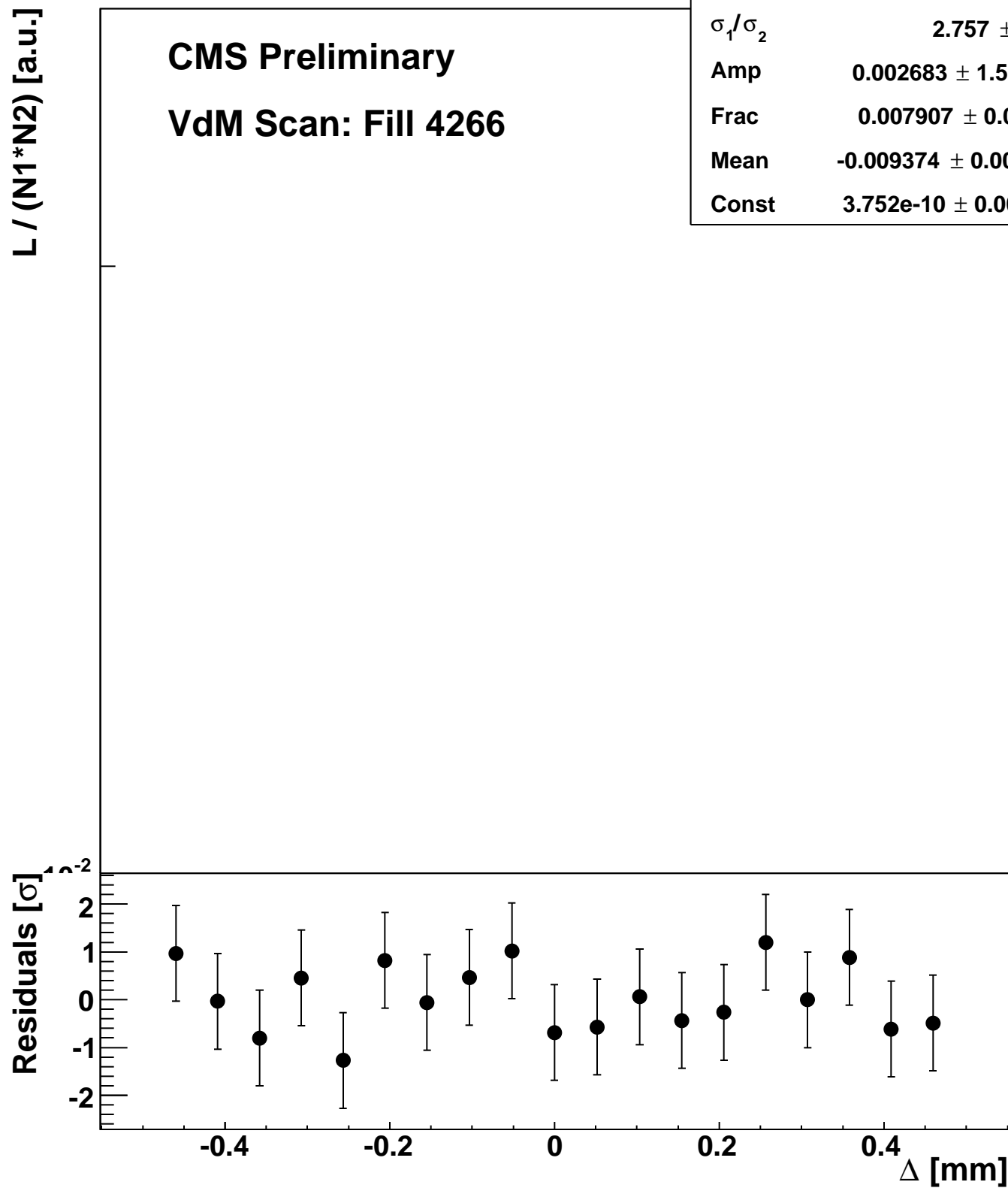
Scan 5: X-plane BCID 51

χ^2 / ndf	31.45 / 13
Σ	0.1271 ± 0.000514
σ_1 / σ_2	1.944 ± 0.3585
Amp	$0.002692 \pm 1.469\text{e-}05$
Frac	0.01949 ± 0.01283
Mean	-0.00921 ± 0.0004898
Const	$3.689\text{e-}14 \pm 7.673\text{e-}06$



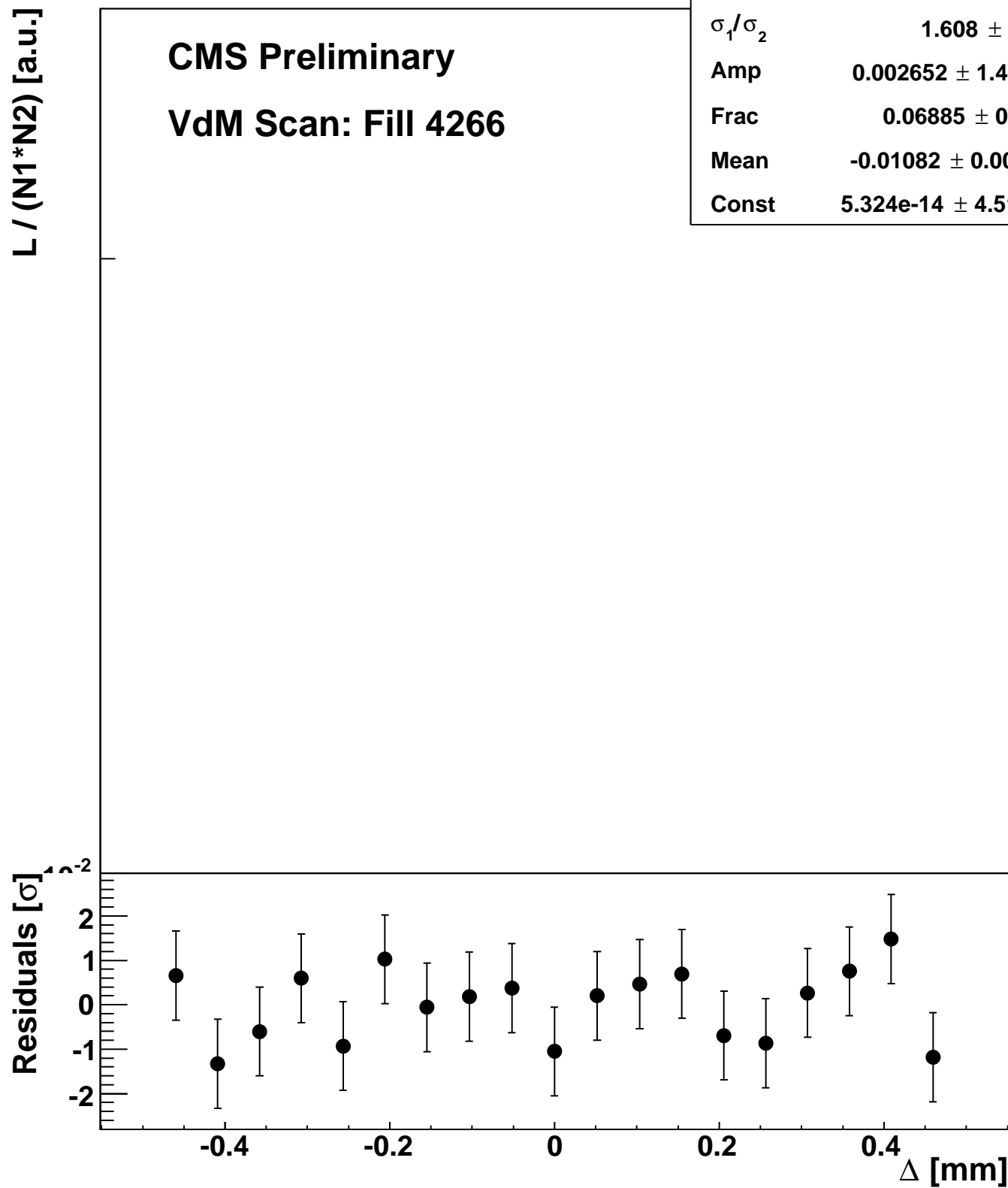
Scan 5: X-plane BCID 771

χ^2 / ndf	9.217 / 13
Σ	0.1274 ± 0.000782
σ_1 / σ_2	2.757 ± 1.357
Amp	$0.002683 \pm 1.505\text{e-}05$
Frac	0.007907 ± 0.006733
Mean	-0.009374 ± 0.0004926
Const	$3.752\text{e-}10 \pm 0.0005561$



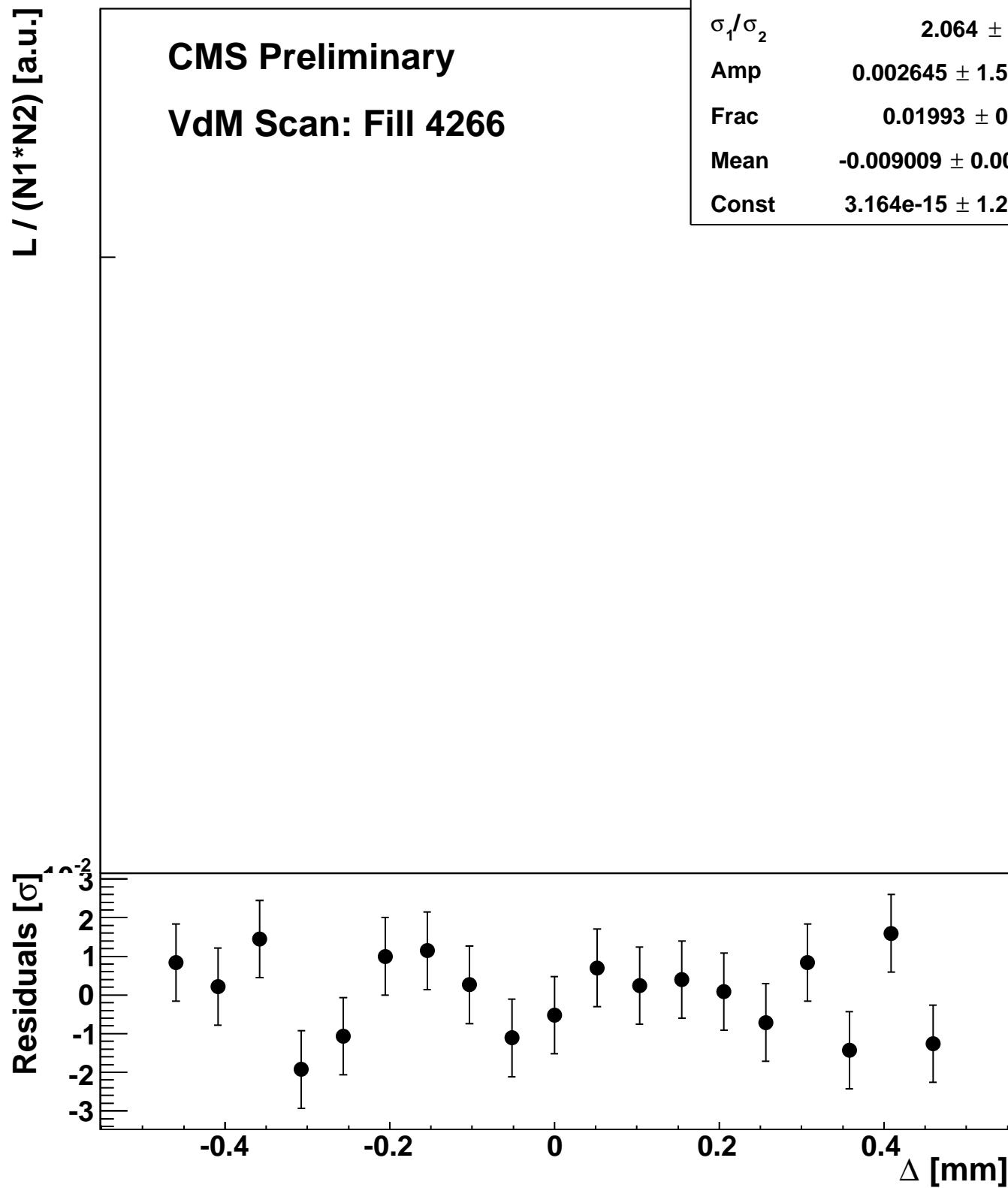
Scan 5: X-plane BCID 811

χ^2 / ndf	12.28 / 13
Σ	0.1272 ± 0.0005159
σ_1 / σ_2	1.608 ± 0.1246
Amp	$0.002652 \pm 1.457\text{e-}05$
Frac	0.06885 ± 0.03195
Mean	-0.01082 ± 0.0005009
Const	$5.324\text{e-}14 \pm 4.515\text{e-}06$



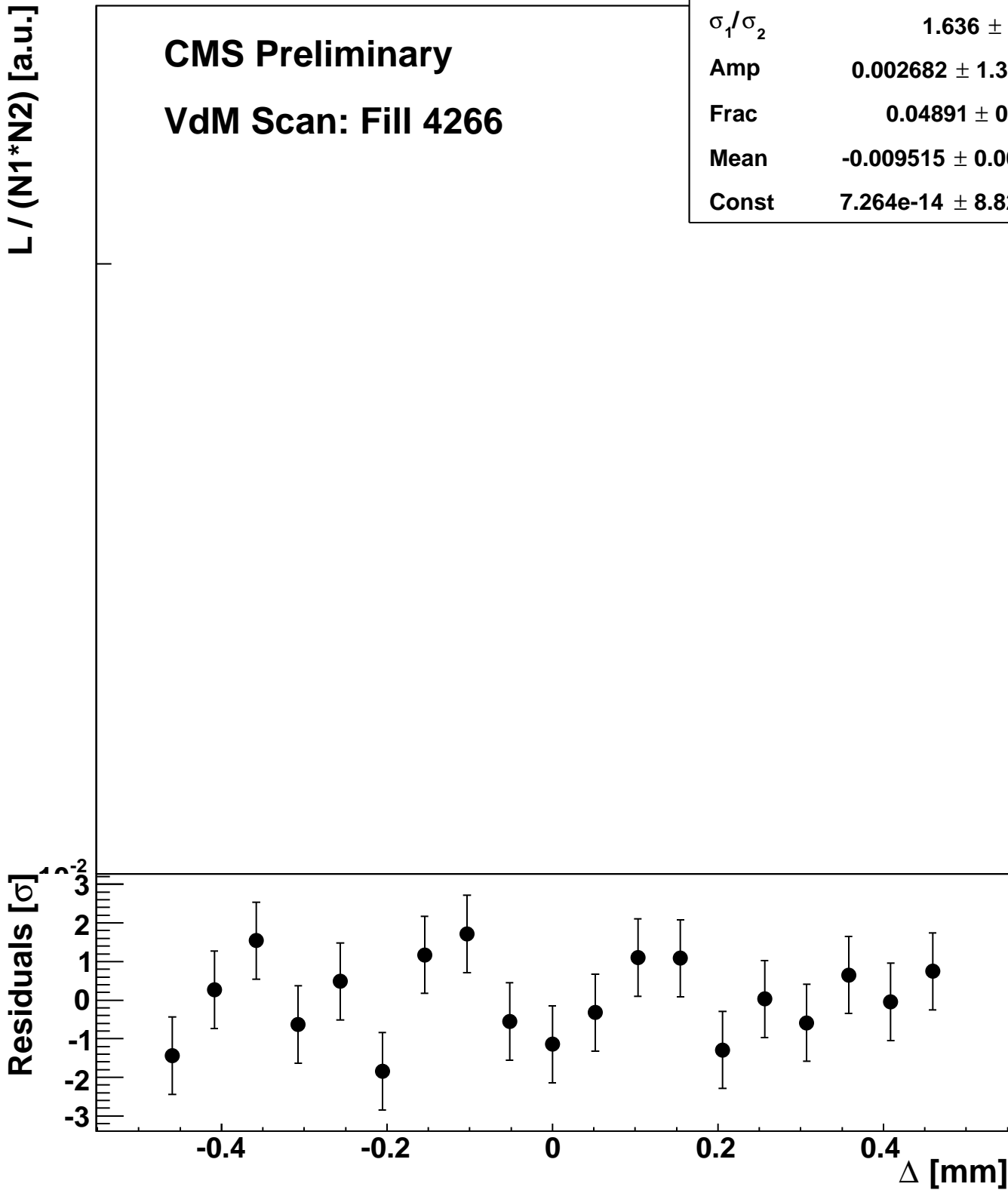
Scan 5: X-plane BCID 851

χ^2 / ndf	19.68 / 13
Σ	0.1283 ± 0.0005719
σ_1 / σ_2	2.064 ± 0.4202
Amp	$0.002645 \pm 1.566\text{e-}05$
Frac	0.01993 ± 0.01279
Mean	-0.009009 ± 0.0005552
Const	$3.164\text{e-}15 \pm 1.201\text{e-}05$



Scan 5: X-plane BCID 891

χ^2 / ndf	19.94 / 13
Σ	0.127 ± 0.0004929
σ_1 / σ_2	1.636 ± 0.1882
Amp	$0.002682 \pm 1.399\text{e-}05$
Frac	0.04891 ± 0.03042
Mean	-0.009515 ± 0.0004911
Const	$7.264\text{e-}14 \pm 8.829\text{e-}06$



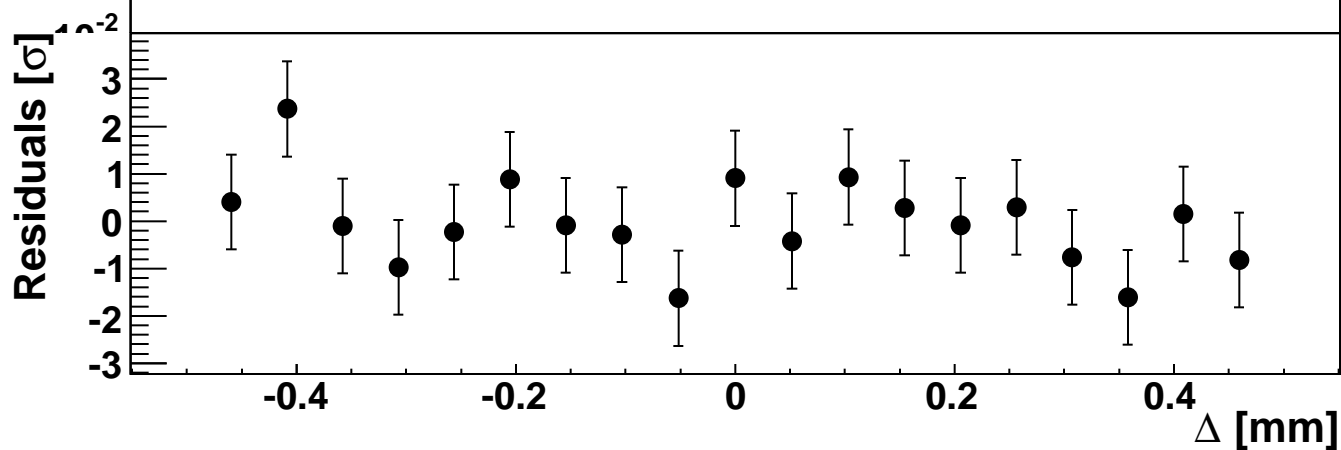
Scan 5: X-plane BCID 91

L / (N1*N2) [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	16.21 / 13
Σ	0.1288 ± 0.0005502
σ_1 / σ_2	2.015 ± 0.407
Amp	$0.002632 \pm 1.538\text{e-}05$
Frac	0.01833 ± 0.01234
Mean	-0.01024 ± 0.0004967
Const	$9.795\text{e-}14 \pm 1.025\text{e-}05$



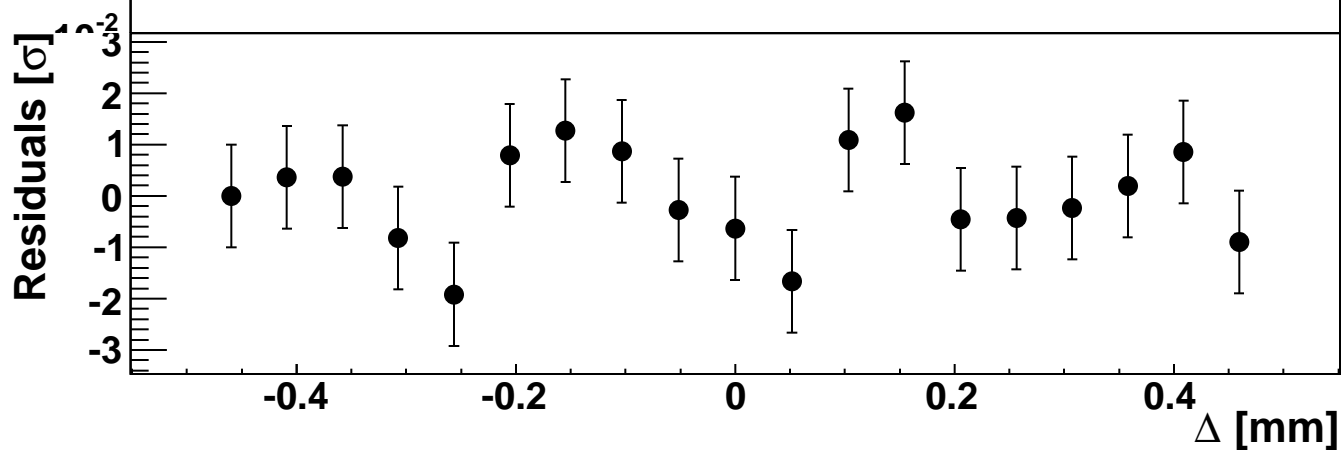
Scan 5: X-plane BCID 931

L / (N1*N2) [a.u.]

CMS Preliminary

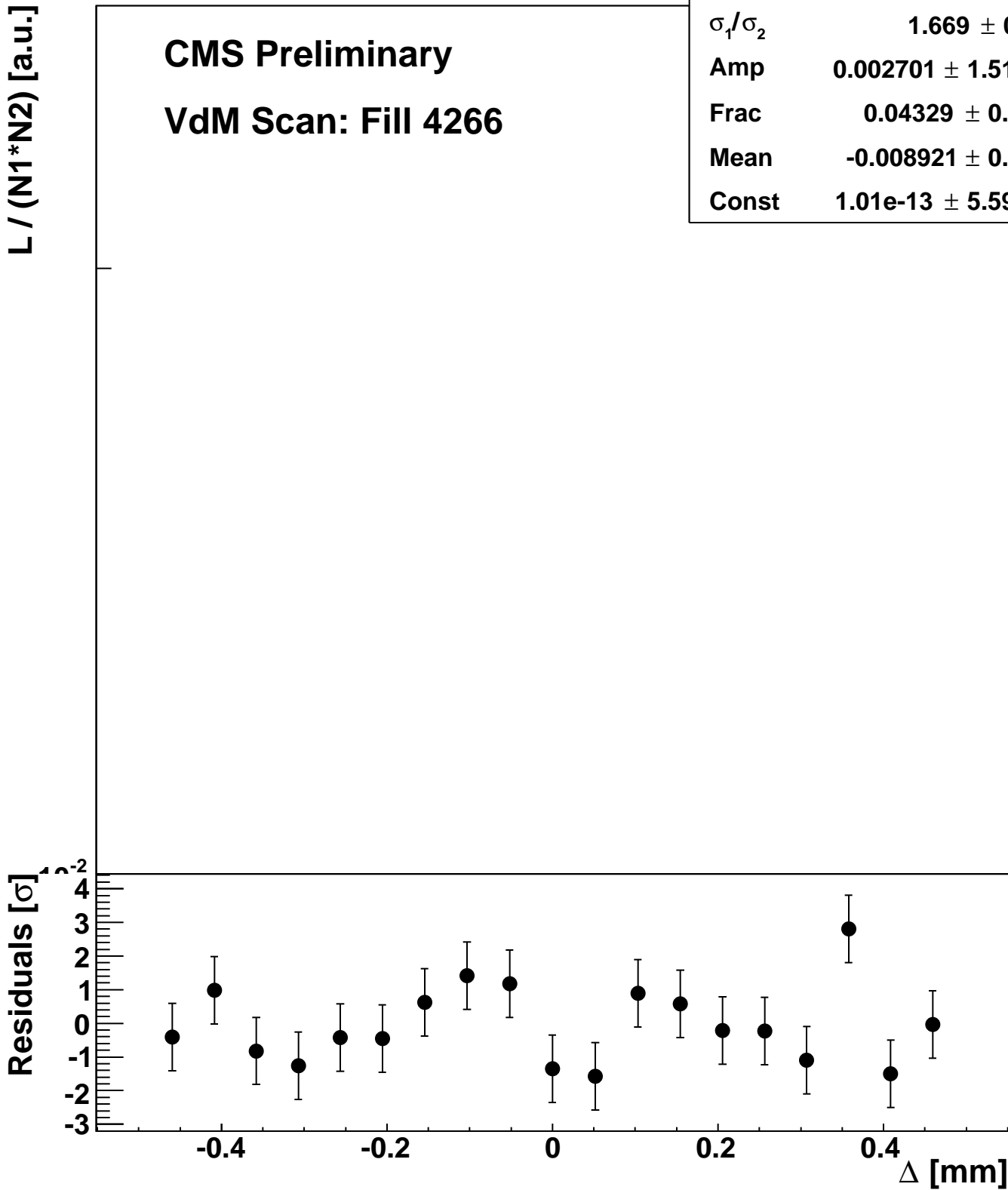
VdM Scan: Fill 4266

χ^2 / ndf	16.7 / 13
Σ	0.1264 ± 0.001273
σ_1 / σ_2	0.2693 ± 0.1955
Amp	$0.002737 \pm 1.289\text{e-}05$
Frac	0.9937 ± 0.004243
Mean	-0.009127 ± 0.0005049
Const	$2.901\text{e-}11 \pm 0.0001022$

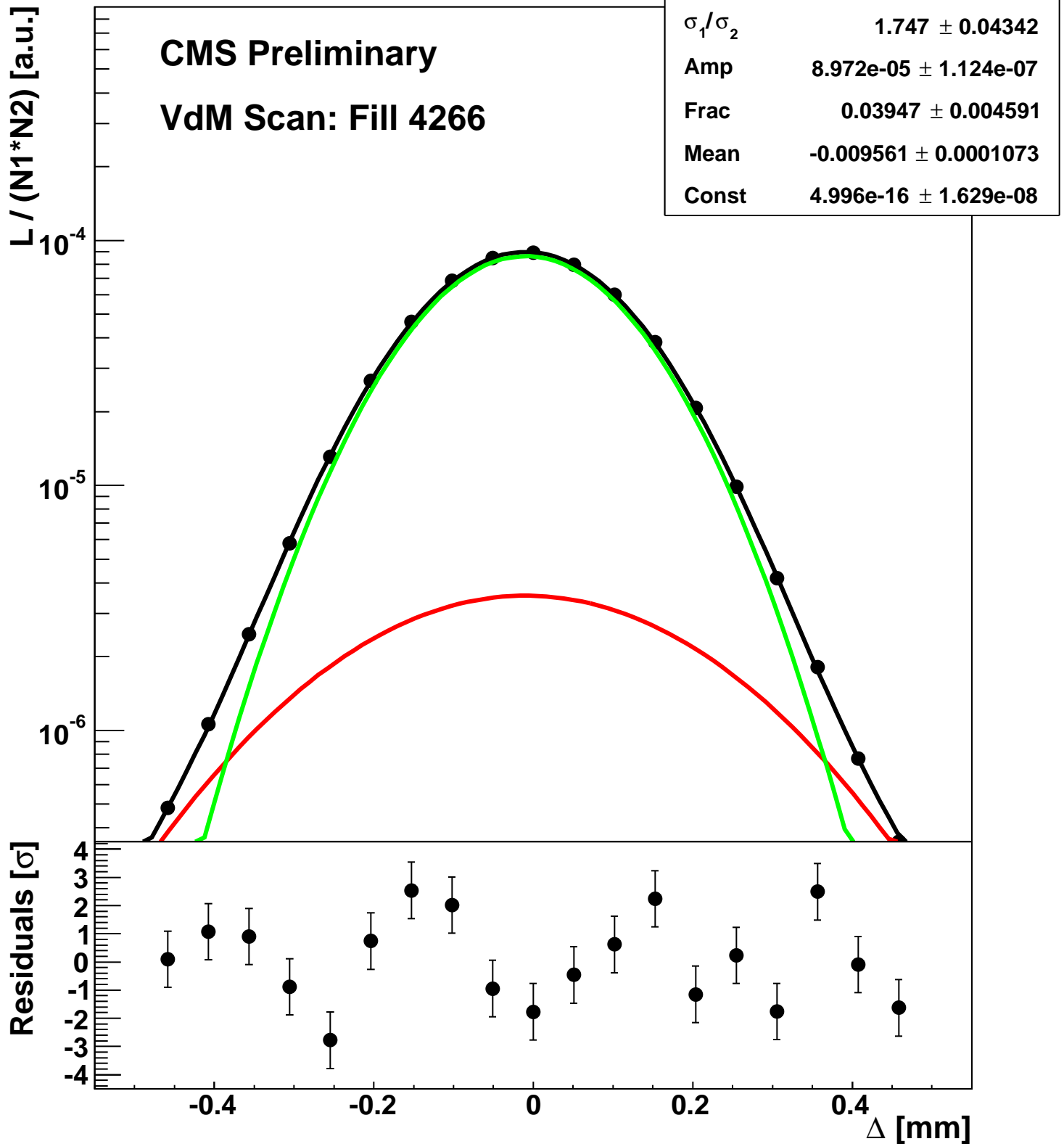


Scan 5: X-plane BCID 971

χ^2 / ndf	24.35 / 13
Σ	0.126 ± 0.0005491
σ_1 / σ_2	1.669 ± 0.2013
Amp	$0.002701 \pm 1.512\text{e-}05$
Frac	0.04329 ± 0.02708
Mean	-0.008921 ± 0.00056
Const	$1.01\text{e-}13 \pm 5.598\text{e-}06$

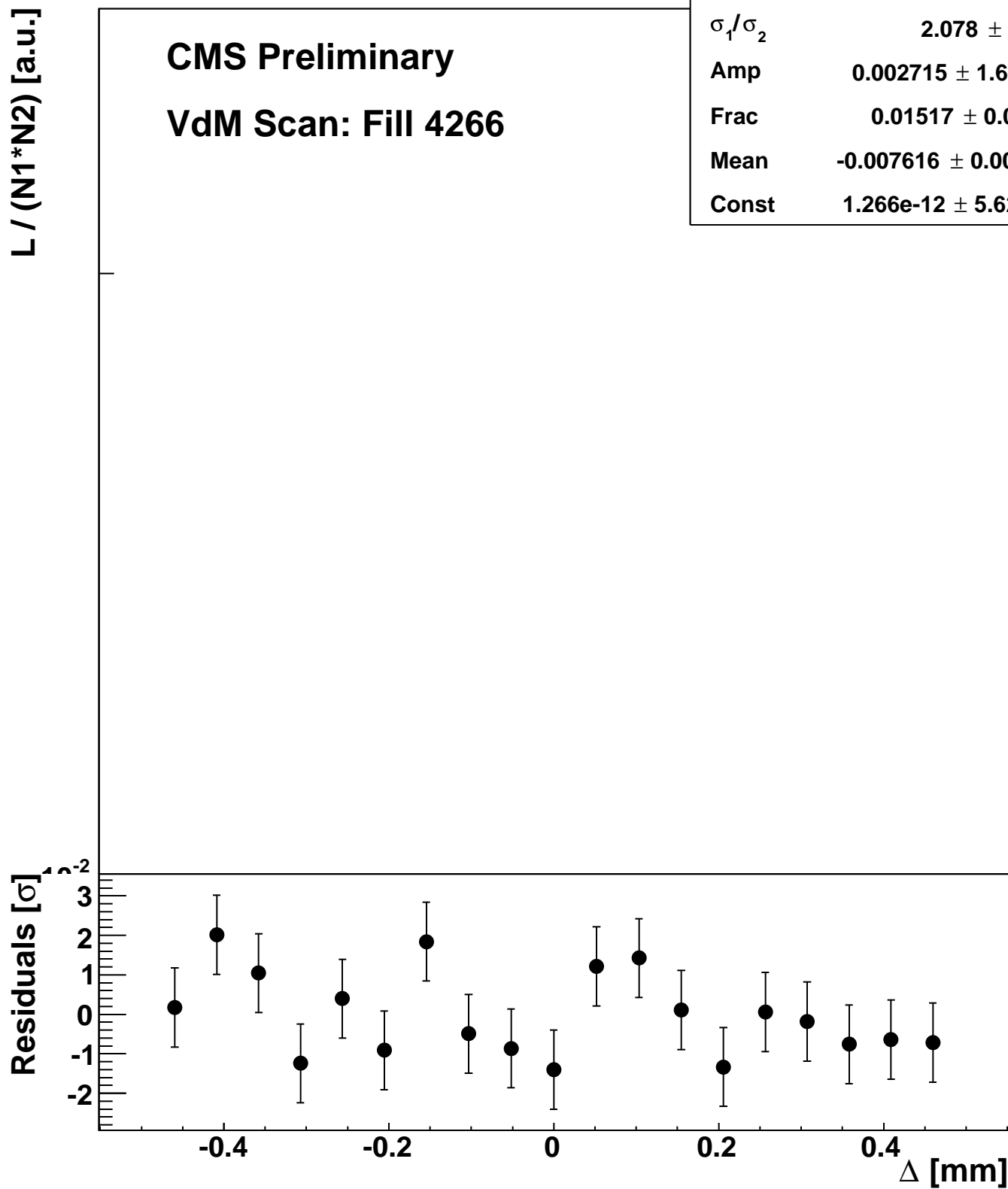


Scan 5: X-plane BCID sum

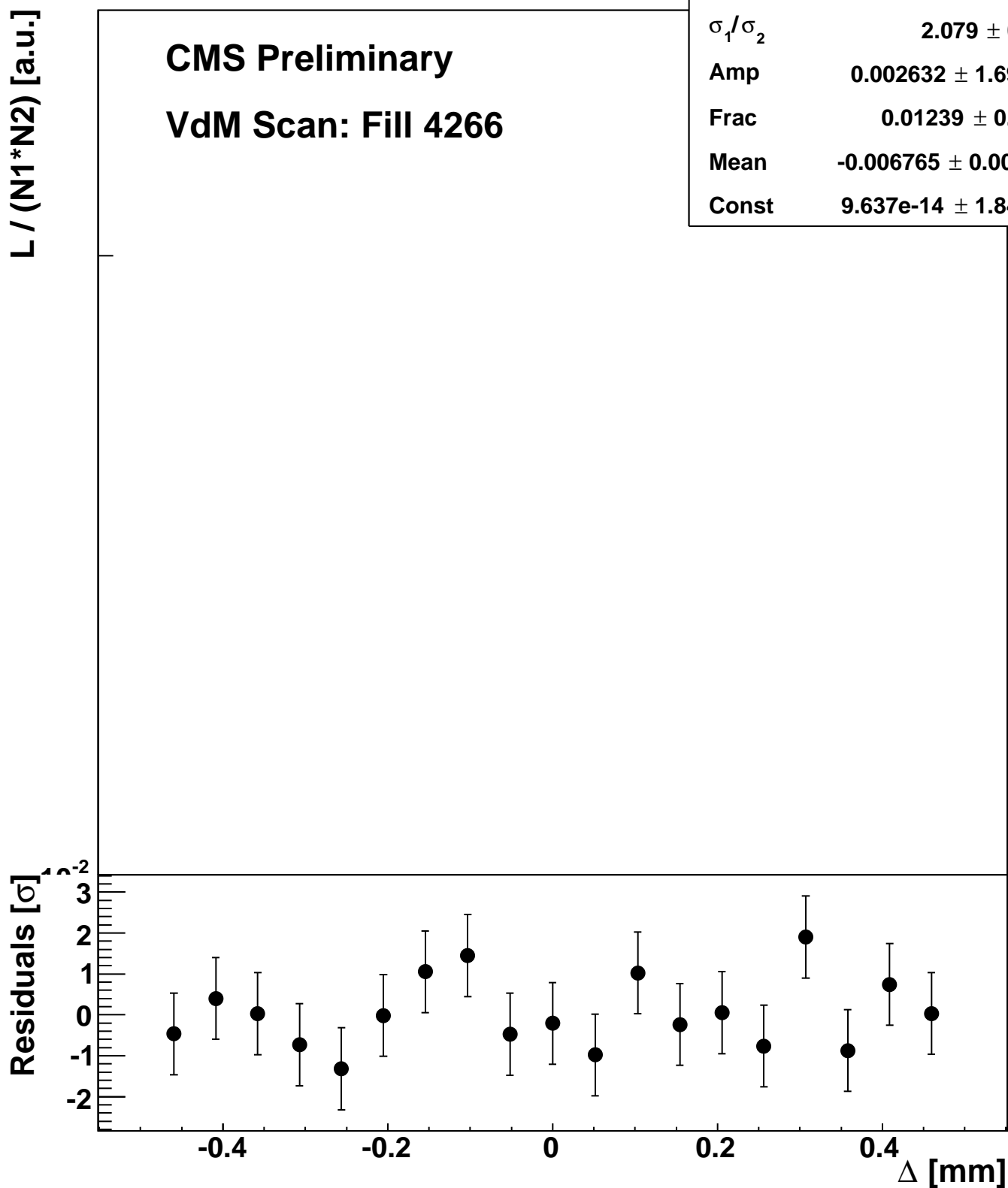


Scan 6: Y-plane BCID 1011

χ^2 / ndf	20.87 / 13
Σ	0.1161 ± 0.0004872
σ_1 / σ_2	2.078 ± 0.3628
Amp	$0.002715 \pm 1.603\text{e-}05$
Frac	0.01517 ± 0.009152
Mean	-0.007616 ± 0.0005314
Const	$1.266\text{e-}12 \pm 5.628\text{e-}06$



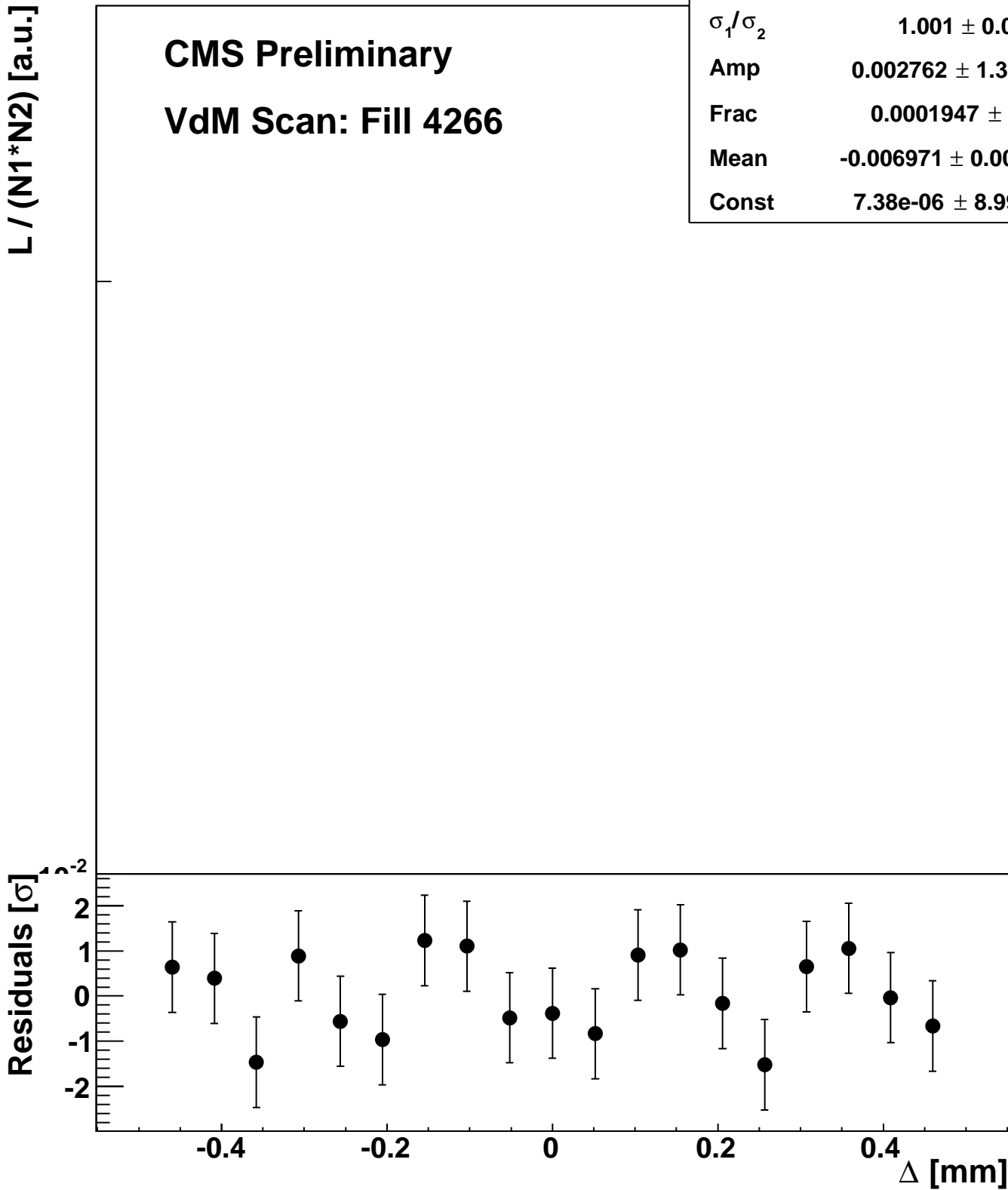
Scan 6: Y-plane BCID 131



χ^2 / ndf	13.7 / 13
Σ	0.1176 ± 0.0005614
σ_1 / σ_2	2.079 ± 0.5166
Amp	$0.002632 \pm 1.692\text{e-}05$
Frac	0.01239 ± 0.01053
Mean	-0.006765 ± 0.0006063
Const	$9.637\text{e-}14 \pm 1.847\text{e-}05$

Scan 6: Y-plane BCID 1631

χ^2 / ndf	14.73 / 13
Σ	0.1138 ± 0.0003928
σ_1 / σ_2	1.001 ± 0.001897
Amp	$0.002762 \pm 1.338\text{e-}05$
Frac	0.0001947 ± 0.9123
Mean	-0.006971 ± 0.0005327
Const	$7.38\text{e-}06 \pm 8.998\text{e-}07$

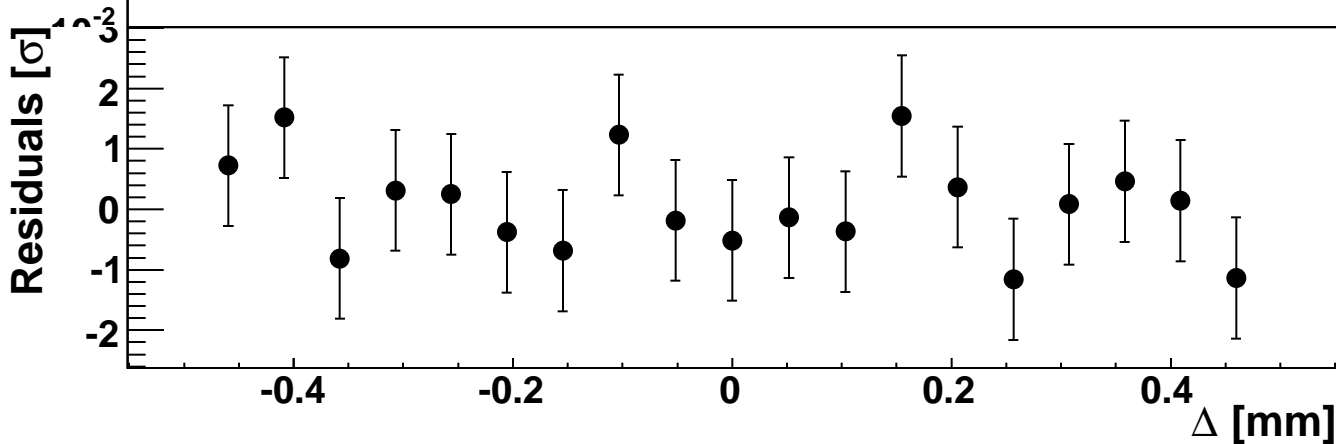


Scan 6: Y-plane BCID 1671

L / (N1*N2) [a.u.]

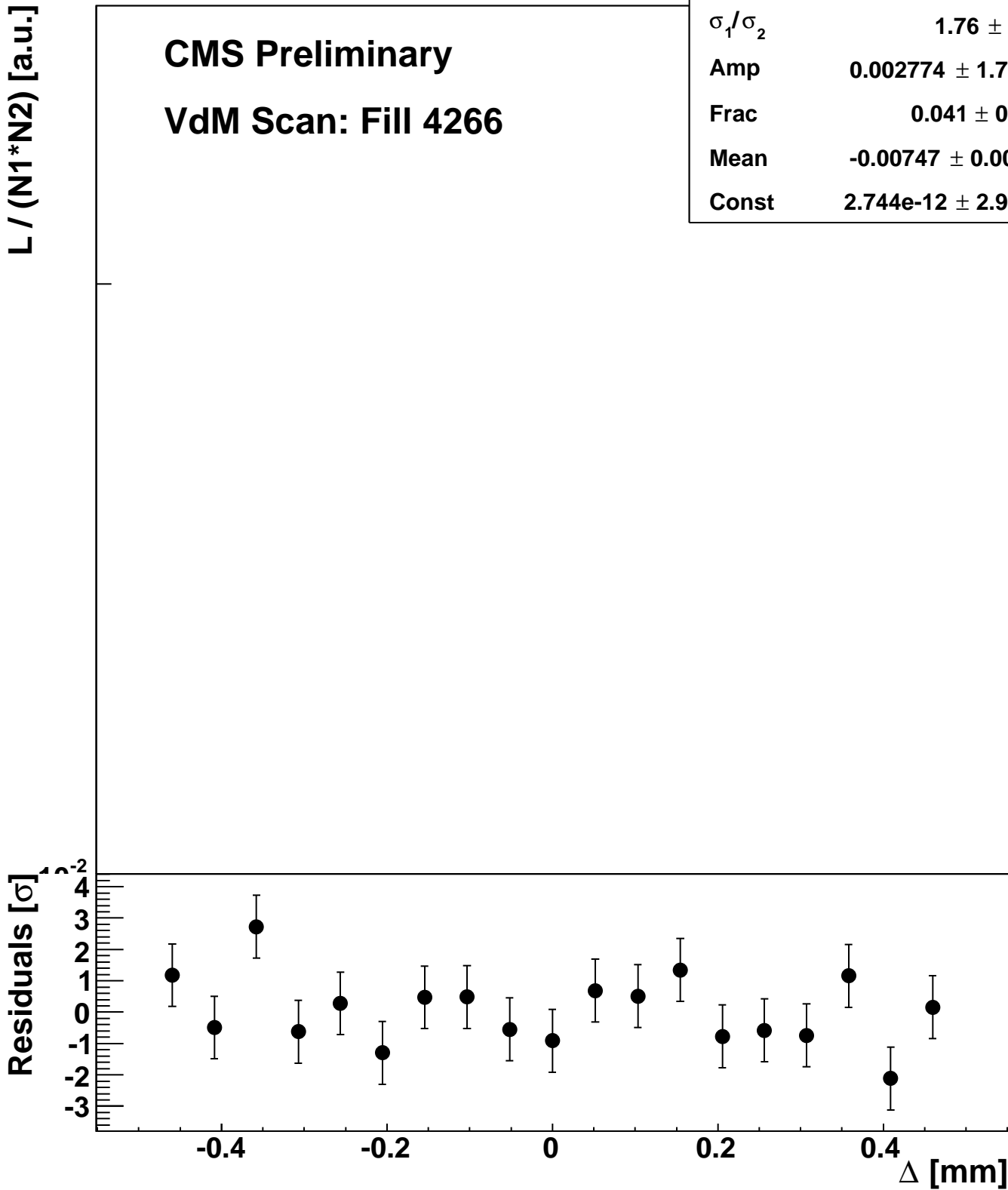
CMS Preliminary
VdM Scan: Fill 4266

χ^2 / ndf	11.64 / 13
Σ	0.1145 ± 0.0005043
σ_1 / σ_2	1.806 ± 0.1767
Amp	$0.002766 \pm 1.786\text{e-}05$
Frac	0.03028 ± 0.01458
Mean	-0.008336 ± 0.0005365
Const	$1.205\text{e-}14 \pm 3.084\text{e-}06$



Scan 6: Y-plane BCID 1711

χ^2 / ndf	22.65 / 13
Σ	0.1145 ± 0.0005557
σ_1 / σ_2	1.76 ± 0.1874
Amp	$0.002774 \pm 1.779\text{e-}05$
Frac	0.041 ± 0.02174
Mean	-0.00747 ± 0.0005352
Const	$2.744\text{e-}12 \pm 2.954\text{e-}05$

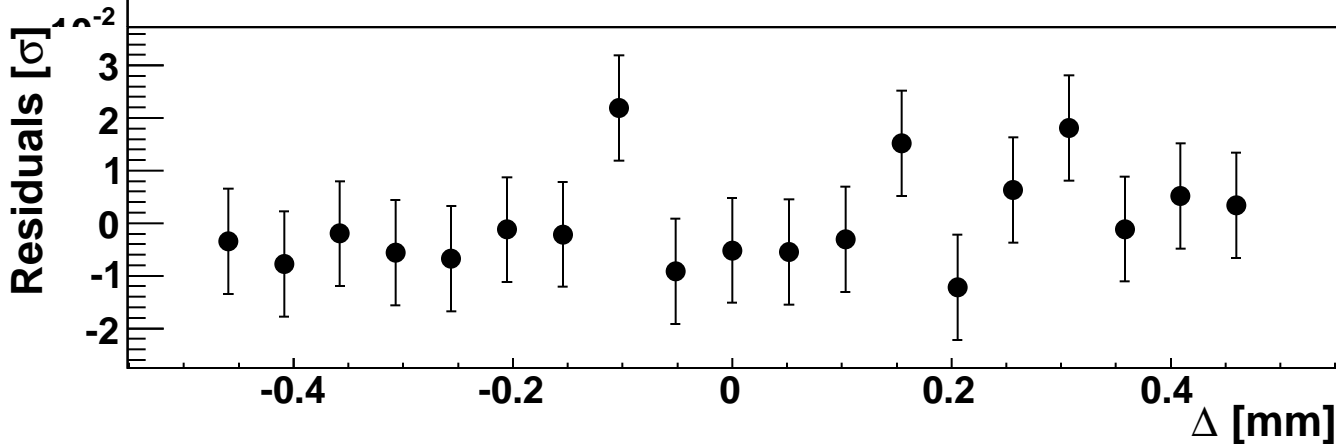


Scan 6: Y-plane BCID 171

L / (N1*N2) [a.u.]

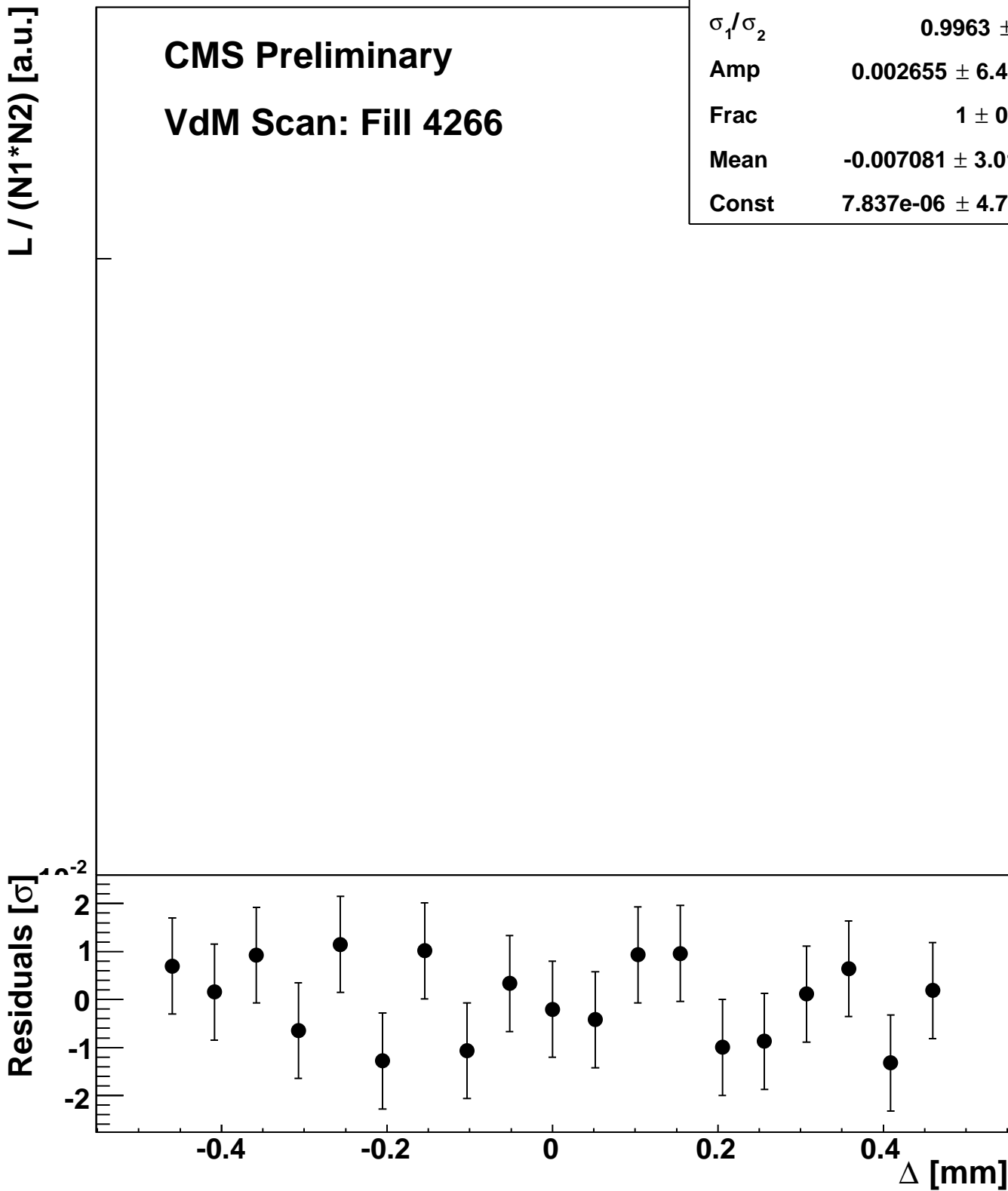
CMS Preliminary
VdM Scan: Fill 4266

χ^2 / ndf	15.74 / 13
Σ	0.1172 ± 0.001246
σ_1 / σ_2	1.701 ± 1.742
Amp	$0.00259 \pm 1.841\text{e-}05$
Frac	0.01435 ± 0.04427
Mean	-0.007531 ± 0.0005177
Const	$4.394\text{e-}06 \pm 7.769\text{e-}06$



Scan 6: Y-plane BCID 1751

χ^2 / ndf	12.98 / 13
Σ	$0.115 \pm 1.824\text{e-}07$
σ_1 / σ_2	0.9963 ± 5.377
Amp	$0.002655 \pm 6.408\text{e-}09$
Frac	1 ± 0.04896
Mean	$-0.007081 \pm 3.018\text{e-}07$
Const	$7.837\text{e-}06 \pm 4.779\text{e-}10$

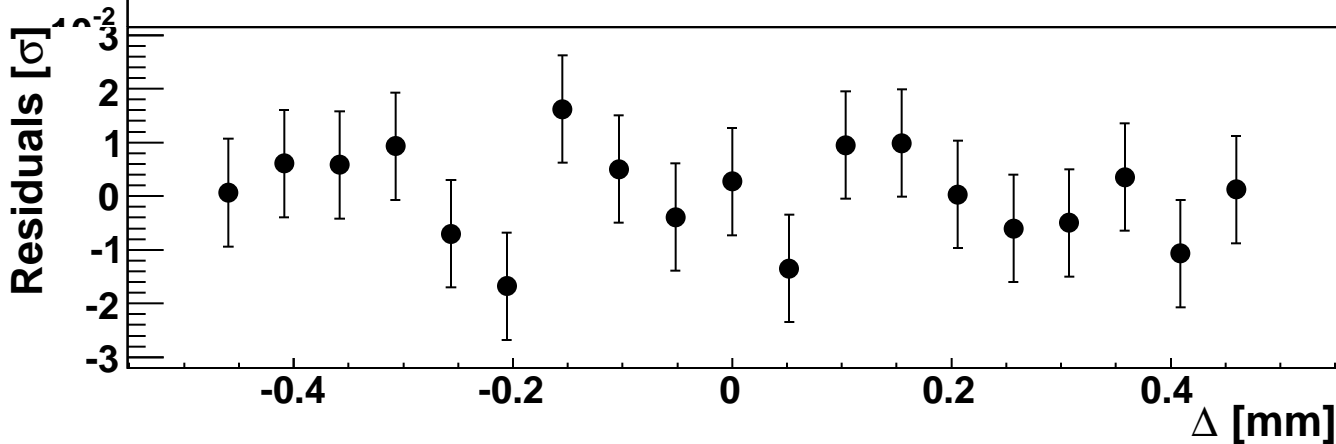


Scan 6: Y-plane BCID 1791

L / (N1*N2) [a.u.]

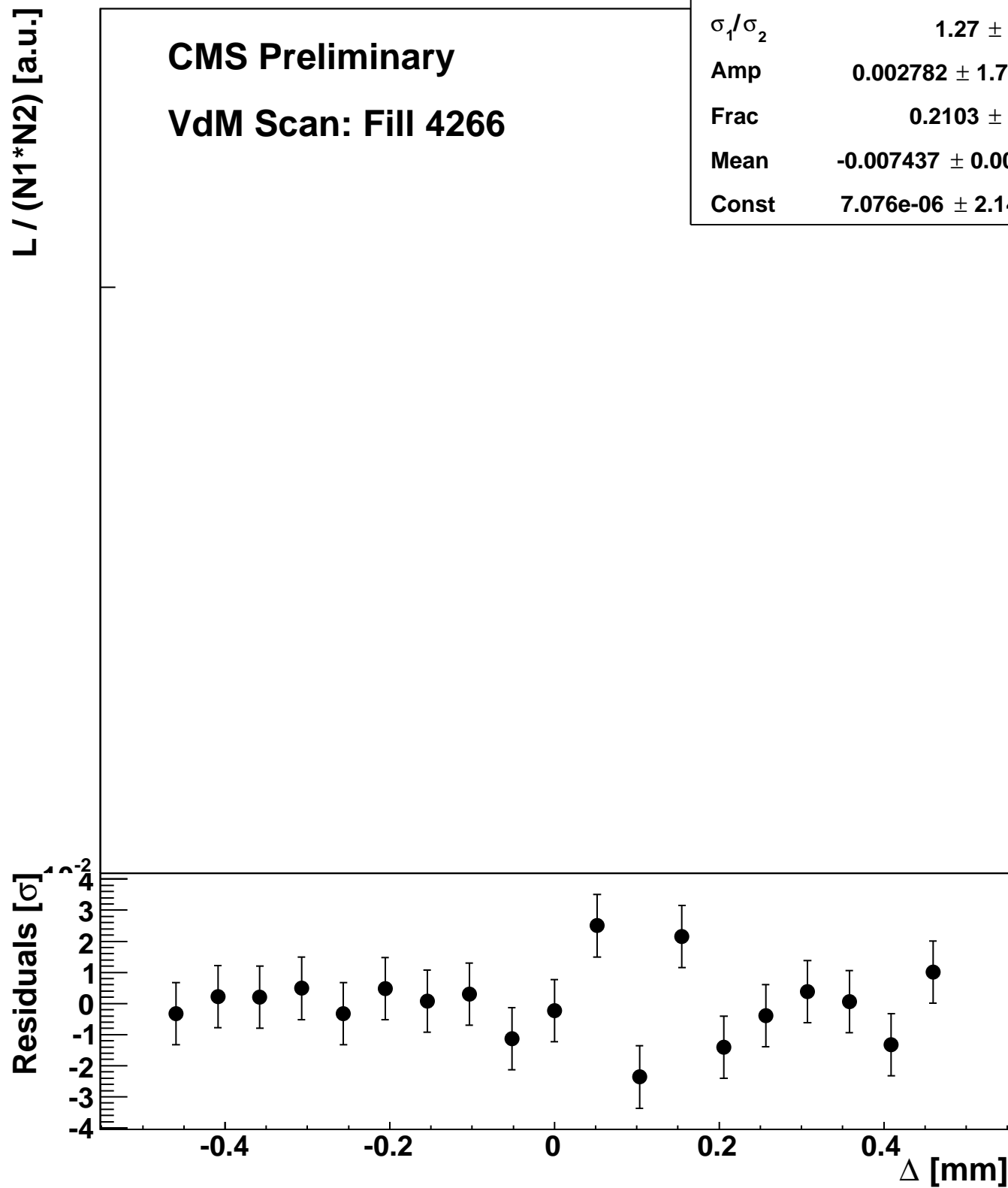
CMS Preliminary
VdM Scan: Fill 4266

χ^2 / ndf	13.56 / 13
Σ	0.1156 ± 0.0006181
σ_1 / σ_2	0.3133 ± 0.2138
Amp	$0.002721 \pm 1.252\text{e-}05$
Frac	0.9959 ± 0.003971
Mean	-0.006991 ± 0.0004578
Const	$8.794\text{e-}11 \pm 6.183\text{e-}05$



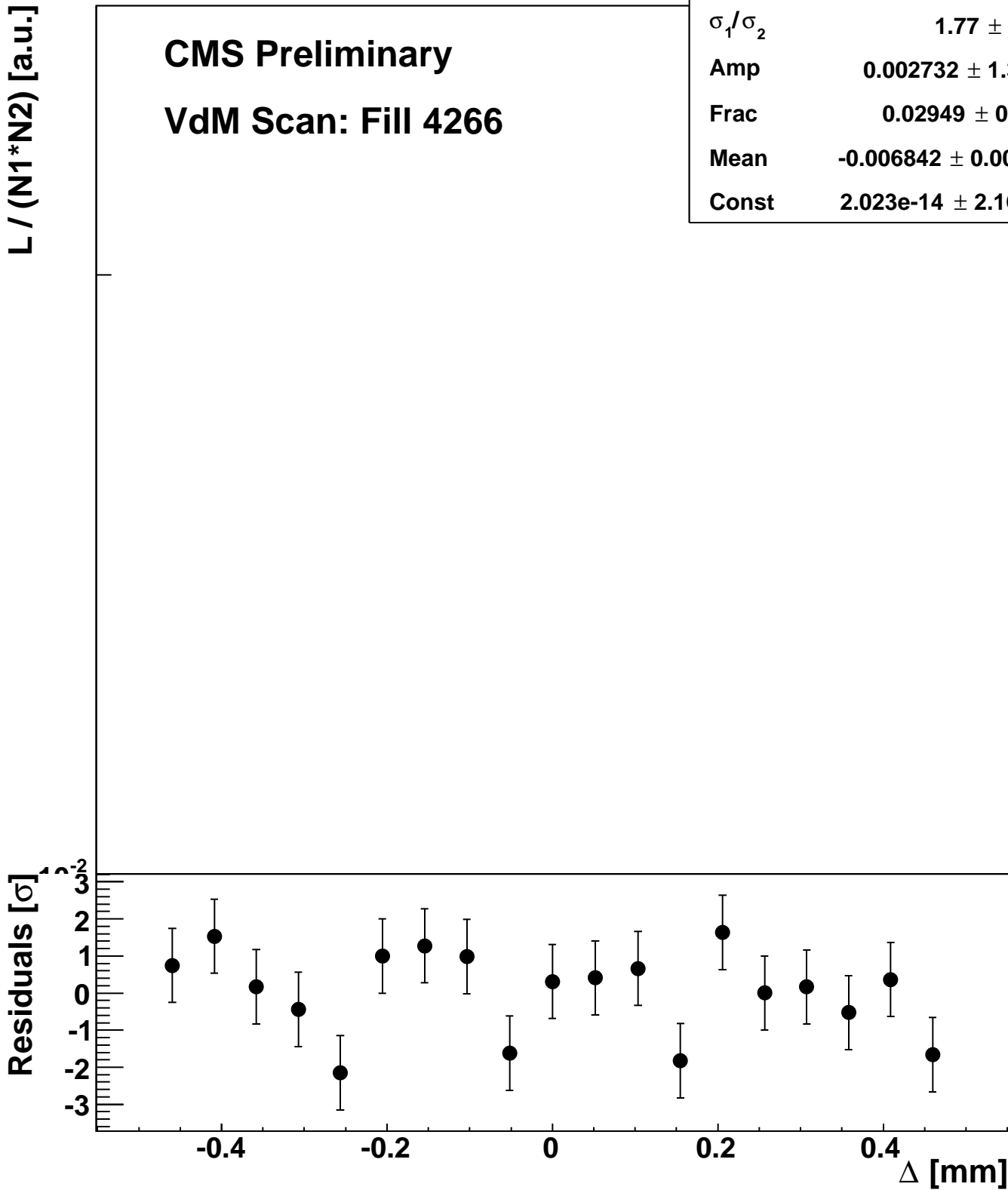
Scan 6: Y-plane BCID 1831

χ^2 / ndf	23.72 / 13
Σ	0.1126 ± 0.0006407
σ_1 / σ_2	1.27 ± 0.1785
Amp	$0.002782 \pm 1.703\text{e-}05$
Frac	0.2103 ± 0.3374
Mean	-0.007437 ± 0.0005388
Const	$7.076\text{e-}06 \pm 2.144\text{e-}06$



Scan 6: Y-plane BCID 1871

χ^2 / ndf	23.85 / 13
Σ	0.1149 ± 0.0004443
σ_1 / σ_2	1.77 ± 0.1882
Amp	$0.002732 \pm 1.37\text{e-}05$
Frac	0.02949 ± 0.01554
Mean	-0.006842 ± 0.0004993
Const	$2.023\text{e-}14 \pm 2.164\text{e-}06$

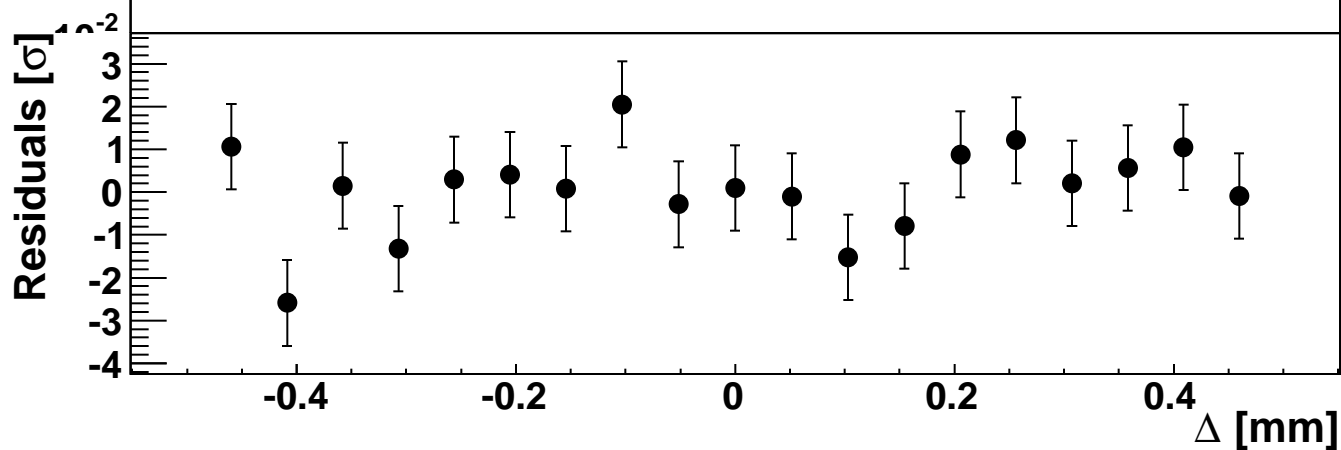


Scan 6: Y-plane BCID 1

L / (N1*N2) [a.u.]

CMS Preliminary
VdM Scan: Fill 4266

χ^2 / ndf	20.79 / 13
Σ	0.1356 ± 0.001185
σ_1 / σ_2	2.736 ± 1.367
Amp	$0.002162 \pm 2.11\text{e-}05$
Frac	0.977 ± 0.01558
Mean	-0.007504 ± 0.0005728
Const	$3.926\text{e-}06 \pm 1.18\text{e-}06$

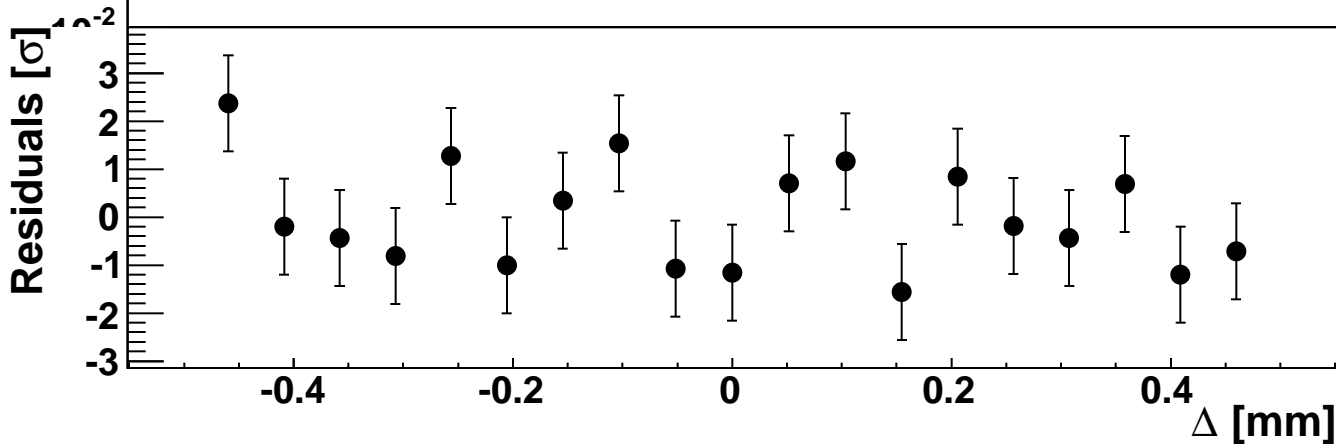


Scan 6: Y-plane BCID 211

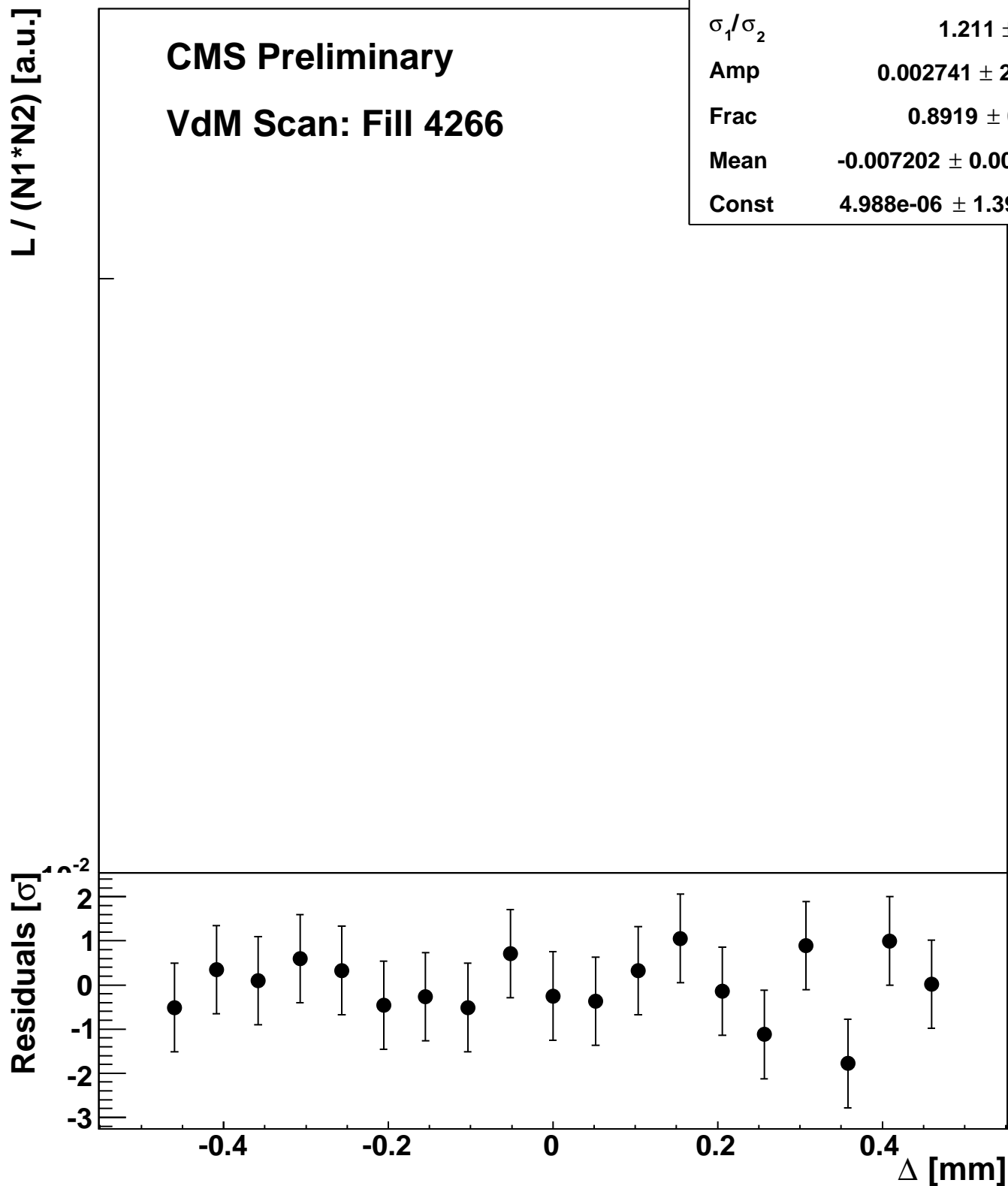
L / (N1*N2) [a.u.]

CMS Preliminary
VdM Scan: Fill 4266

χ^2 / ndf	21.7 / 13
Σ	$0.1159 \pm 4.193\text{e-}06$
σ_1 / σ_2	1 ± 5.977
Amp	$0.002678 \pm 1.668\text{e-}07$
Frac	$7.227\text{e-}08 \pm 0.8358$
Mean	$-0.007187 \pm 7.069\text{e-}06$
Const	$7.04\text{e-}06 \pm 1.021\text{e-}08$

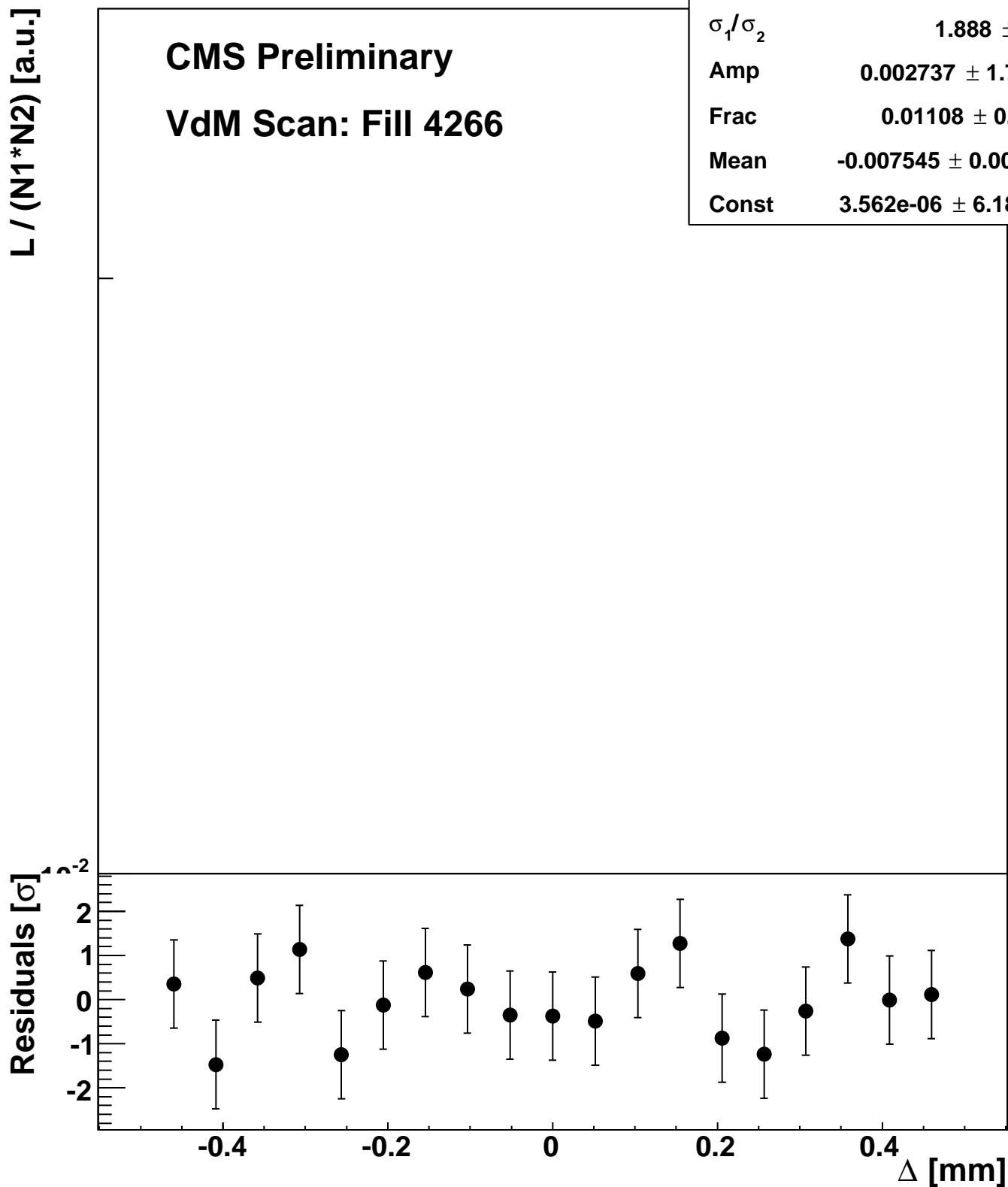


Scan 6: Y-plane BCID 2211



χ^2 / ndf	9.561 / 13
Σ	0.1148 ± 0.0007591
σ_1 / σ_2	1.211 ± 1.061
Amp	$0.002741 \pm 2.1\text{e-}05$
Frac	0.8919 ± 0.8745
Mean	-0.007202 ± 0.0004967
Const	$4.988\text{e-}06 \pm 1.398\text{e-}06$

Scan 6: Y-plane BCID 2251



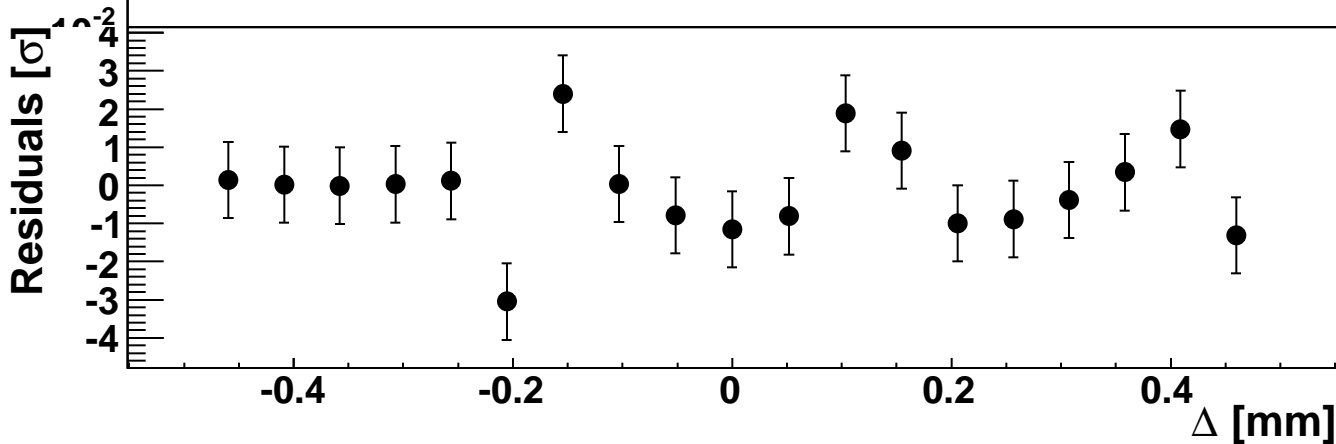
χ^2 / ndf	12.54 / 13
Σ	0.1157 ± 0.0008438
σ_1 / σ_2	1.888 ± 1.011
Amp	$0.002737 \pm 1.77\text{e-}05$
Frac	0.01108 ± 0.01195
Mean	-0.007545 ± 0.0004983
Const	$3.562\text{e-}06 \pm 6.189\text{e-}06$

Scan 6: Y-plane BCID 2291

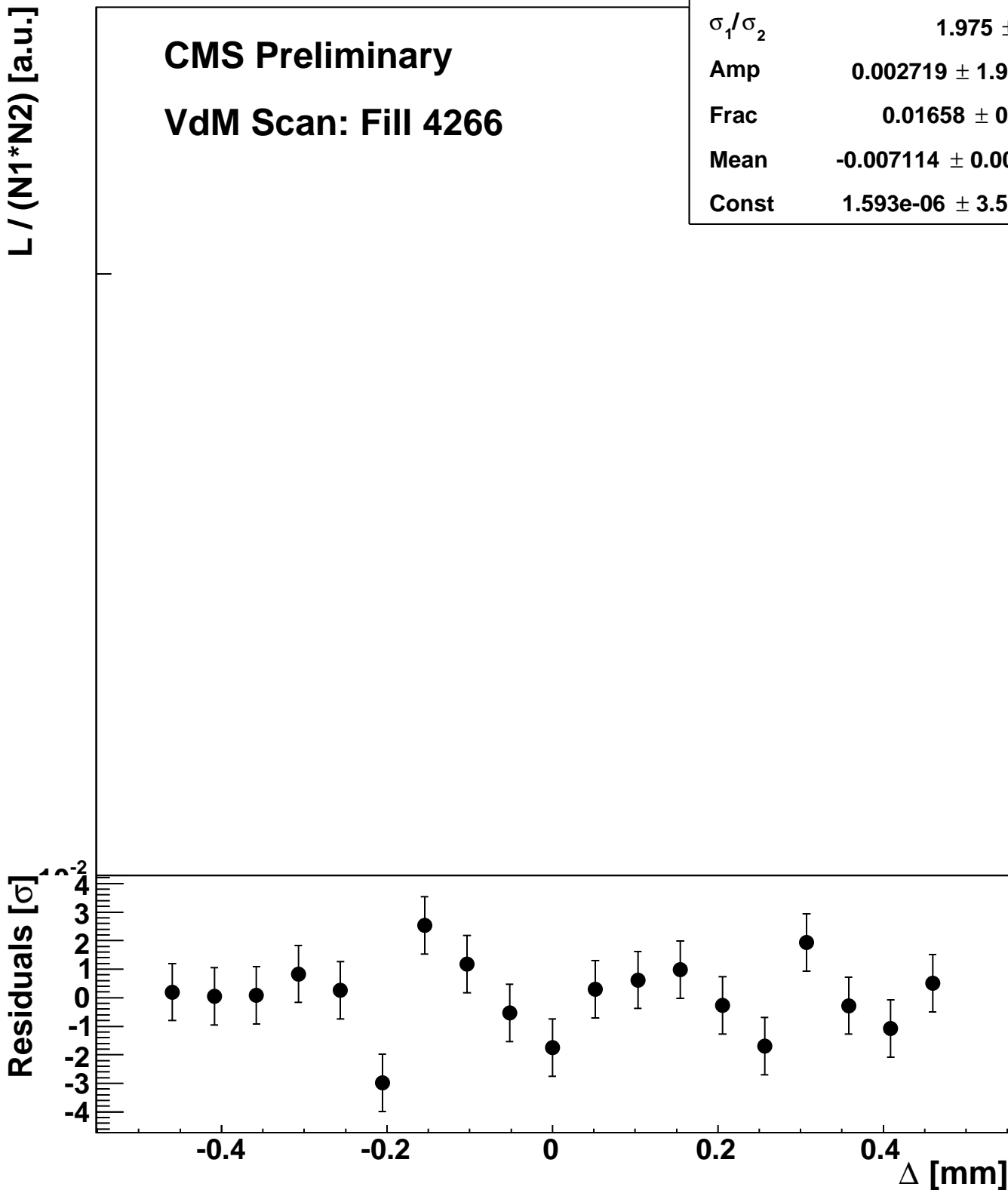
L / (N1*N2) [a.u.]

CMS Preliminary
VdM Scan: Fill 4266

χ^2 / ndf	28.03 / 13
Σ	0.1157 ± 0.000557
σ_1 / σ_2	2.837 ± 0.9114
Amp	$0.002744 \pm 1.661\text{e-}05$
Frac	0.007355 ± 0.004289
Mean	-0.007305 ± 0.0004742
Const	$1.138\text{e-}14 \pm 1.559\text{e-}05$



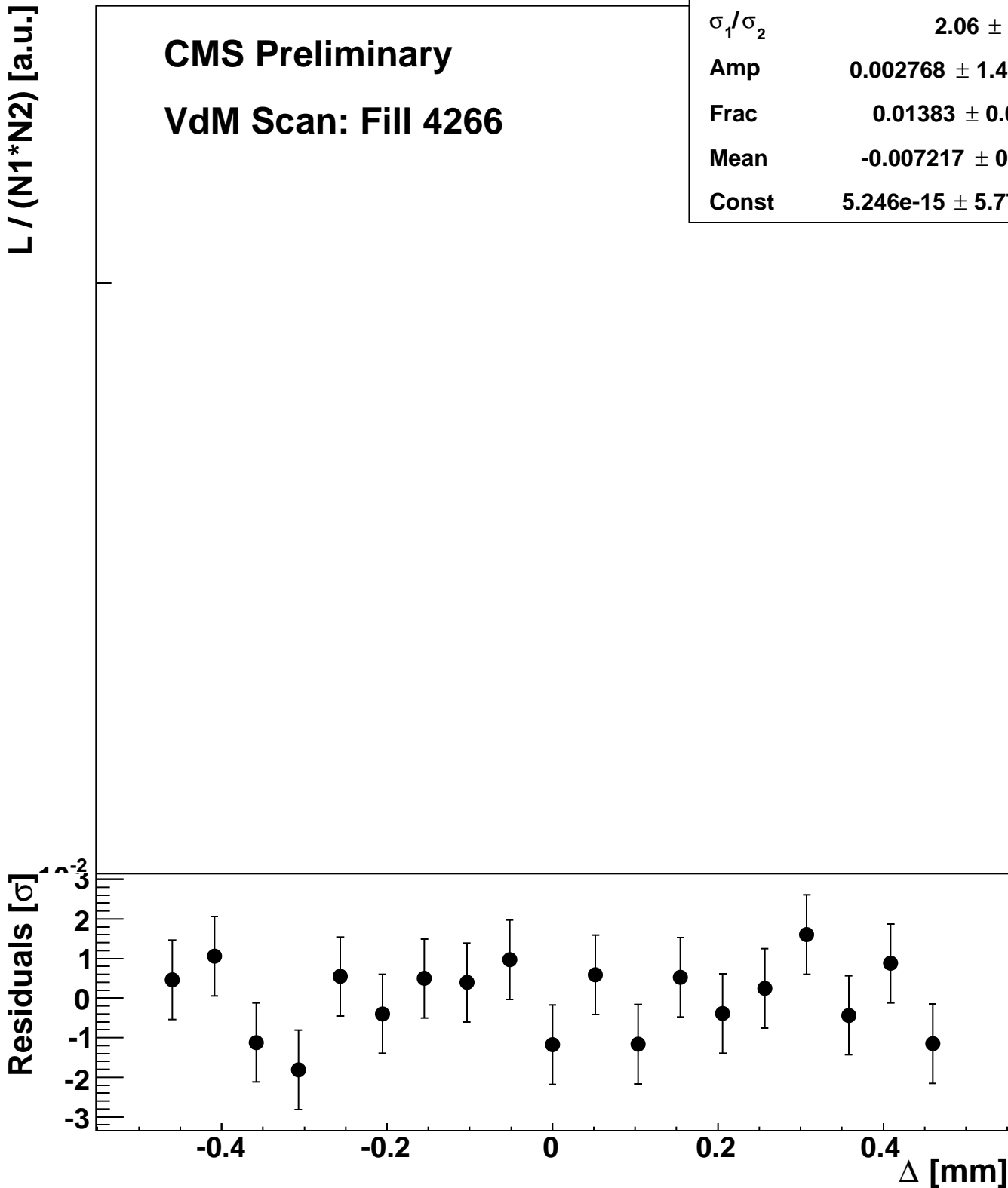
Scan 6: Y-plane BCID 2331



χ^2 / ndf	30.43 / 13
Σ	0.1148 ± 0.002204
σ_1 / σ_2	1.975 ± 1.795
Amp	$0.002719 \pm 1.988\text{e-}05$
Frac	0.01658 ± 0.02563
Mean	-0.007114 ± 0.0005119
Const	$1.593\text{e-}06 \pm 3.584\text{e-}05$

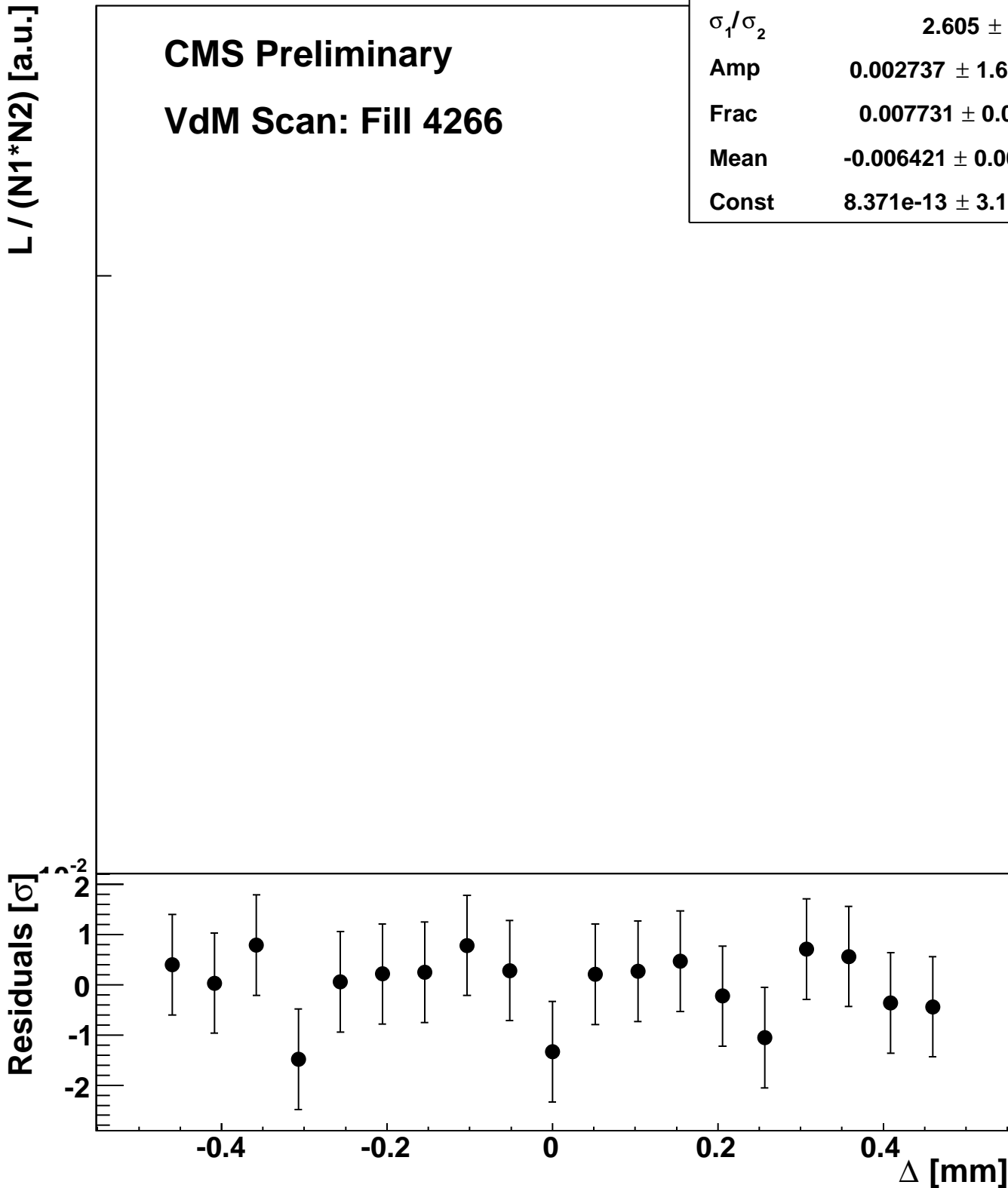
Scan 6: Y-plane BCID 2371

χ^2 / ndf	16.08 / 13
Σ	0.1147 ± 0.0004394
σ_1 / σ_2	2.06 ± 0.3455
Amp	$0.002768 \pm 1.478\text{e-}05$
Frac	0.01383 ± 0.008271
Mean	-0.007217 ± 0.00048
Const	$5.246\text{e-}15 \pm 5.774\text{e-}06$



Scan 6: Y-plane BCID 2411

χ^2 / ndf	8.2 / 13
Σ	0.1157 ± 0.0005293
σ_1 / σ_2	2.605 ± 0.7294
Amp	$0.002737 \pm 1.652\text{e-}05$
Frac	0.007731 ± 0.004608
Mean	-0.006421 ± 0.0005191
Const	$8.371\text{e-}13 \pm 3.129\text{e-}05$

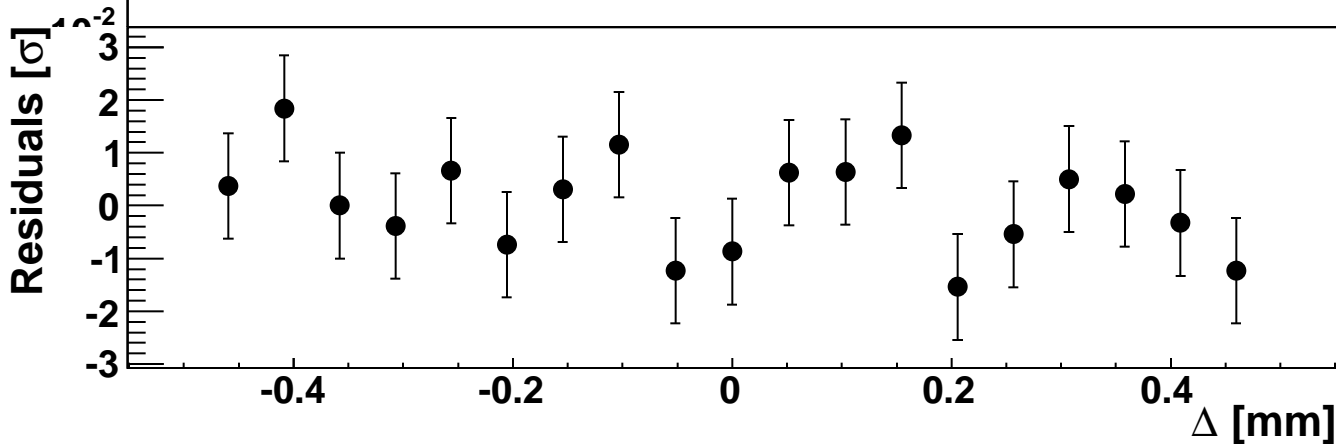


Scan 6: Y-plane BCID 2451

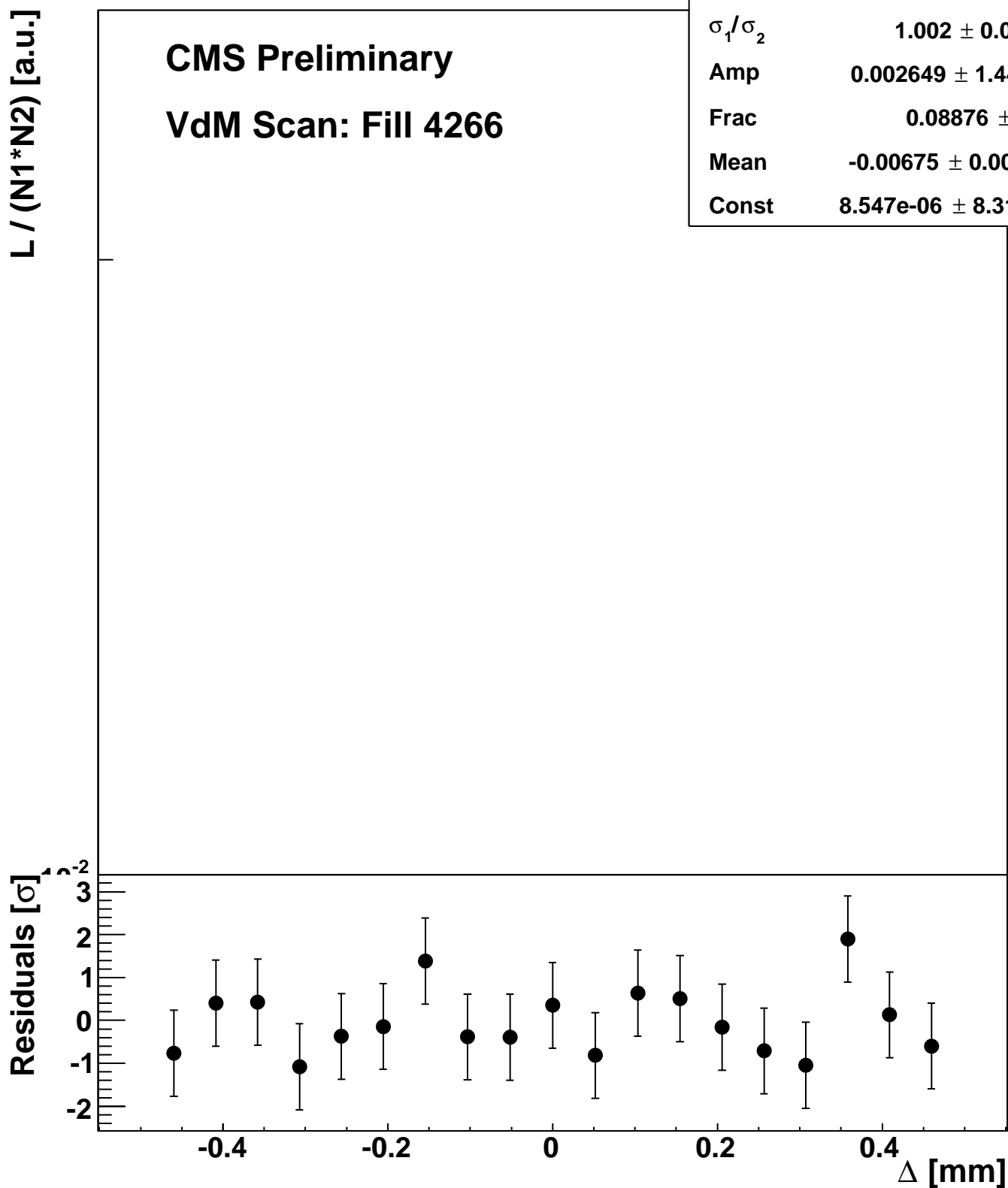
L / (N1*N2) [a.u.]

CMS Preliminary
VdM Scan: Fill 4266

χ^2 / ndf	15.53 / 13
Σ	0.1137 ± 0.0004175
σ_1 / σ_2	1.001 ± 0.00229
Amp	$0.002782 \pm 1.723\text{e-}05$
Frac	1 ± 0.9334
Mean	-0.007674 ± 0.0005352
Const	$8.776\text{e-}06 \pm 1.067\text{e-}06$



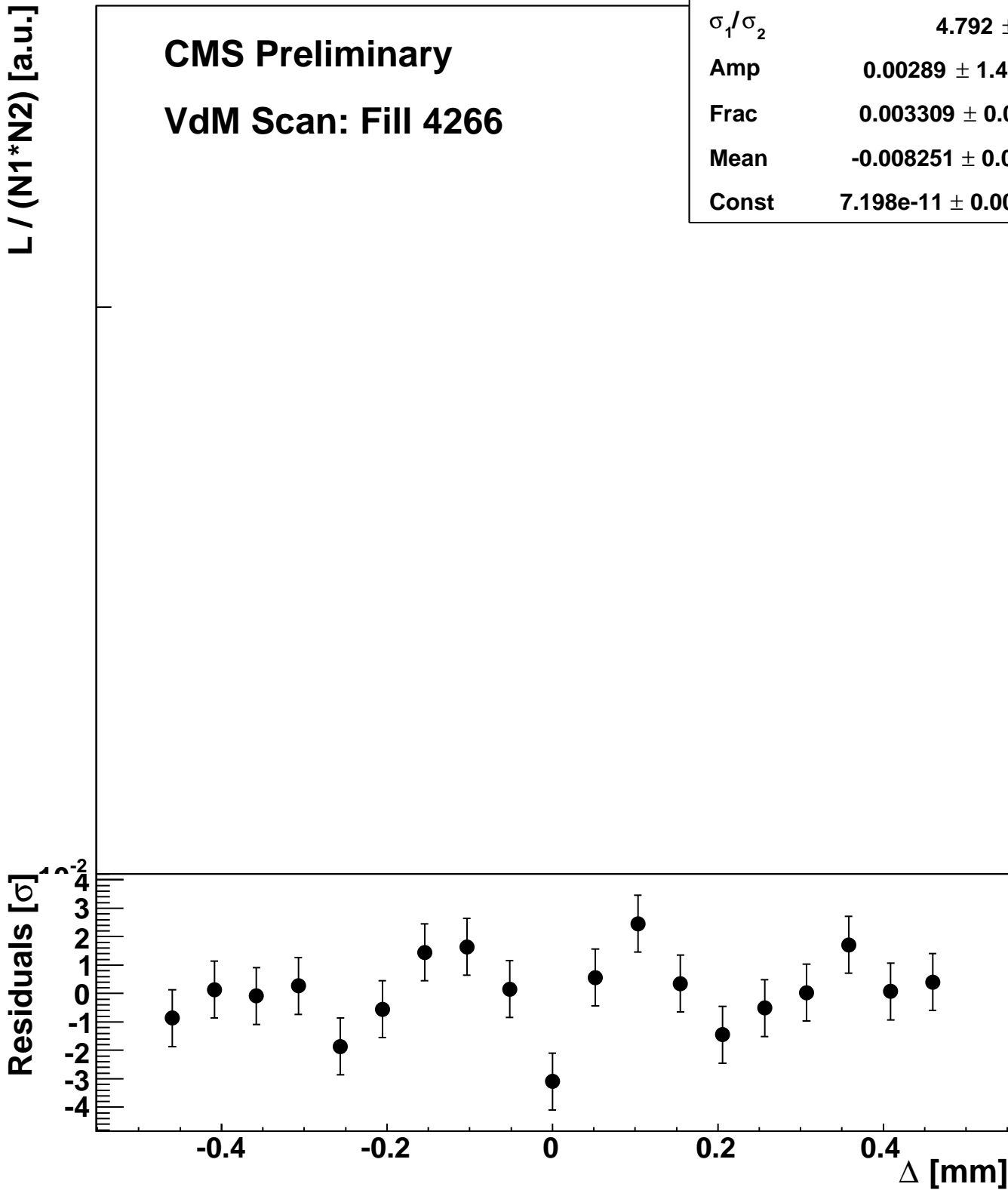
Scan 6: Y-plane BCID 251



χ^2 / ndf	11.5 / 13
Σ	0.1159 ± 0.0003997
σ_1 / σ_2	1.002 ± 0.001838
Amp	$0.002649 \pm 1.449\text{e-}05$
Frac	0.08876 ± 0.817
Mean	-0.00675 ± 0.0004816
Const	$8.547\text{e-}06 \pm 8.311\text{e-}07$

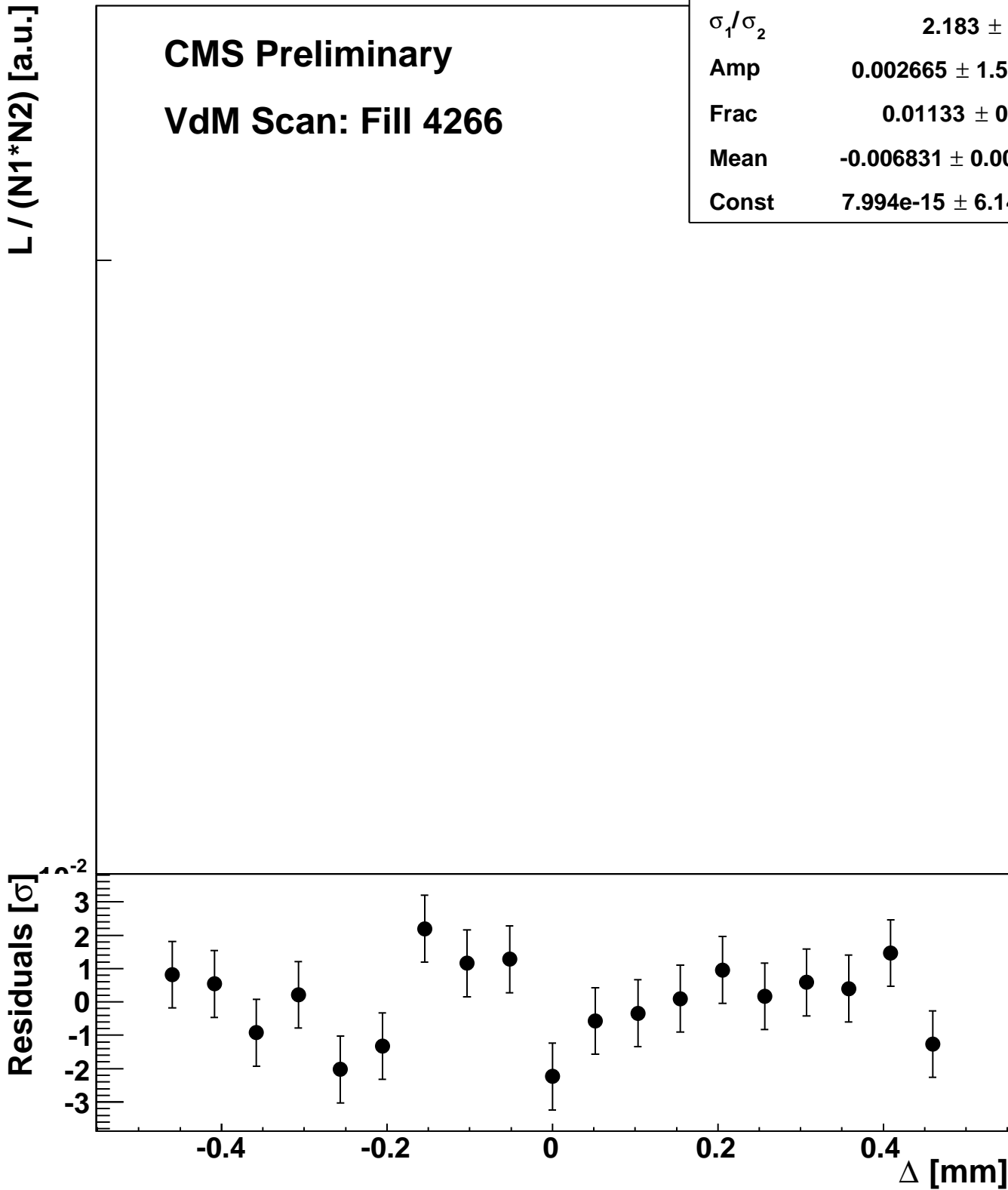
Scan 6: Y-plane BCID 2674

χ^2 / ndf	30.91 / 13
Σ	0.1128 ± 0.001336
σ_1 / σ_2	4.792 ± 6.999
Amp	$0.00289 \pm 1.435\text{e-}05$
Frac	0.003309 ± 0.002383
Mean	-0.008251 ± 0.000506
Const	$7.198\text{e-}11 \pm 0.0001596$

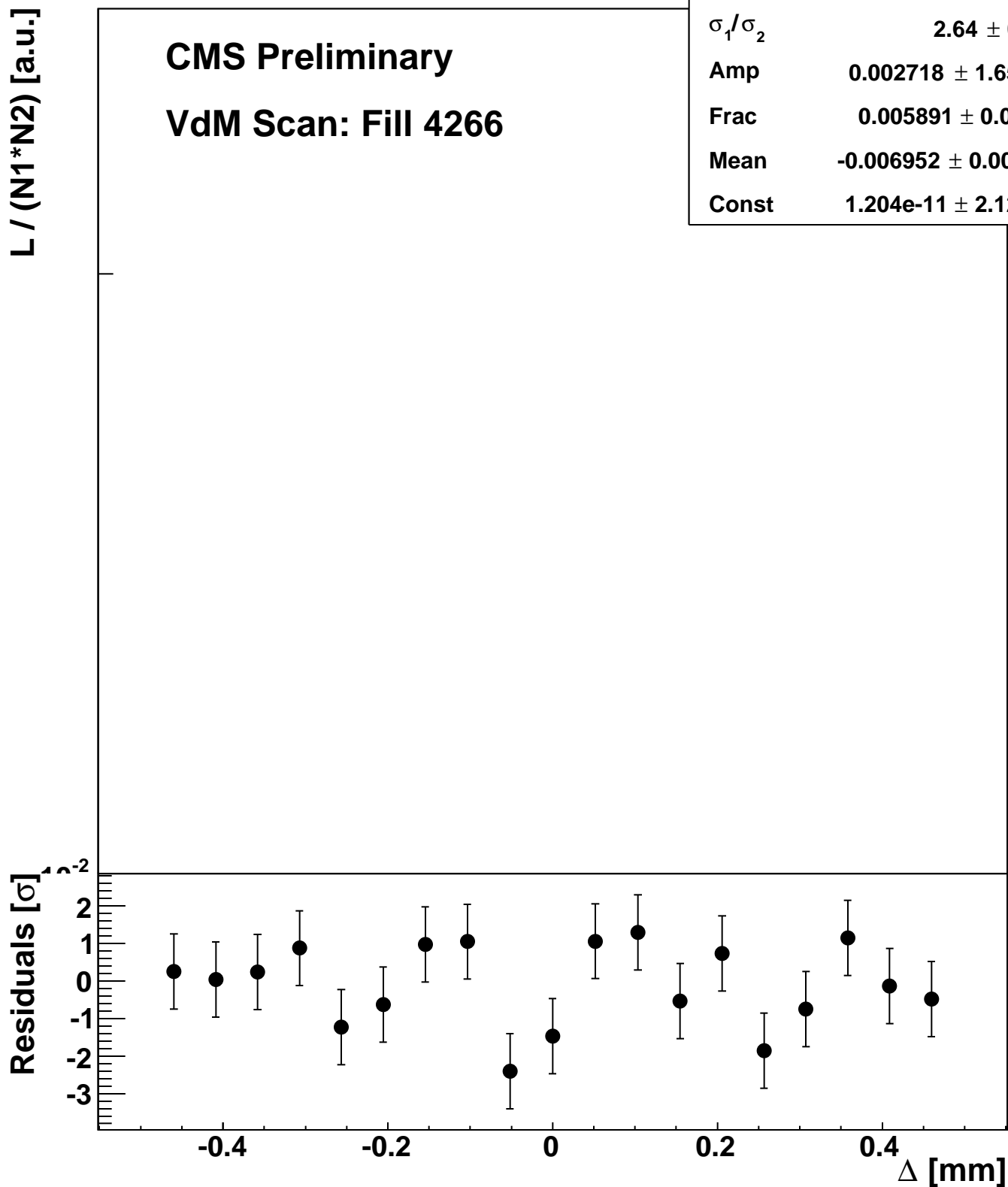


Scan 6: Y-plane BCID 291

χ^2 / ndf	26.14 / 13
Σ	0.1163 ± 0.0004839
σ_1 / σ_2	2.183 ± 0.4443
Amp	$0.002665 \pm 1.563\text{e-}05$
Frac	0.01133 ± 0.00714
Mean	-0.006831 ± 0.0004974
Const	$7.994\text{e-}15 \pm 6.149\text{e-}06$

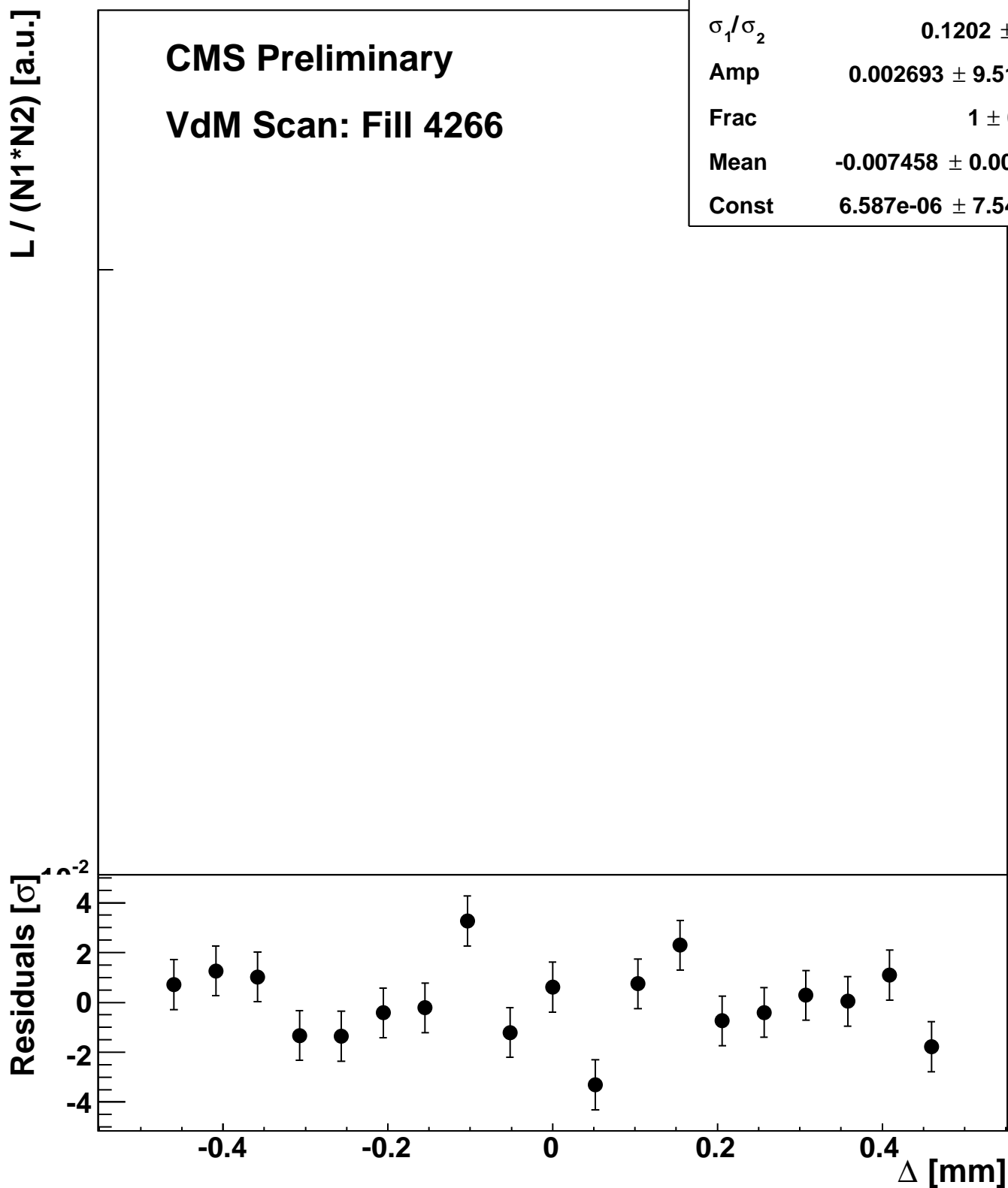


Scan 6: Y-plane BCID 51



χ^2 / ndf	21.95 / 13
Σ	0.1162 ± 0.0004617
σ_1 / σ_2	2.64 ± 0.7223
Amp	$0.002718 \pm 1.659\text{e-}05$
Frac	0.005891 ± 0.003336
Mean	-0.006952 ± 0.0004674
Const	$1.204\text{e-}11 \pm 2.127\text{e-}05$

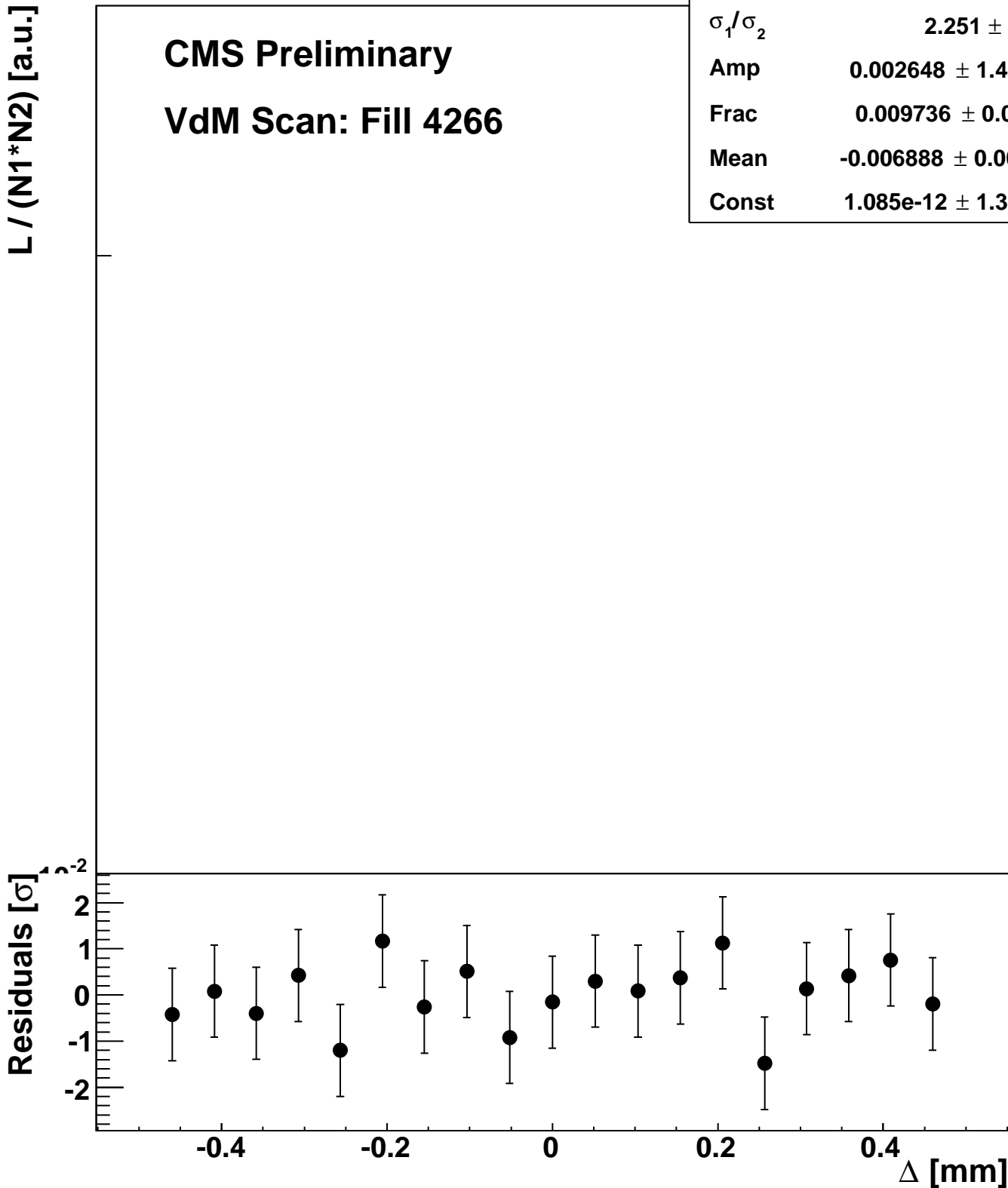
Scan 6: Y-plane BCID 771



χ^2 / ndf	41.38 / 13
Σ	0.1155 ± 0.0002463
σ_1 / σ_2	0.1202 ± 9.885
Amp	$0.002693 \pm 9.511\text{e-}06$
Frac	1 ± 0.7088
Mean	-0.007458 ± 0.0004184
Const	$6.587\text{e-}06 \pm 7.541\text{e-}07$

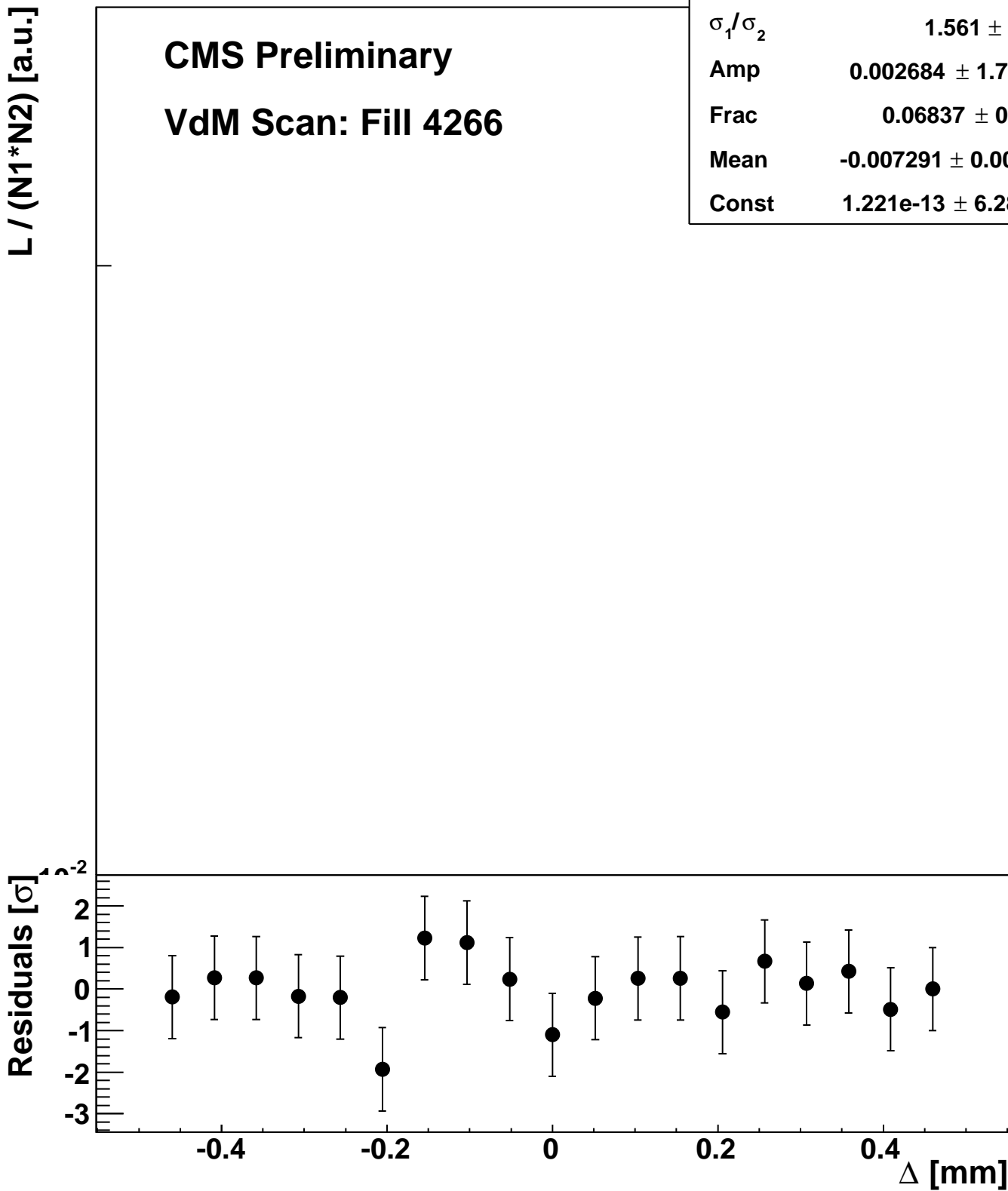
Scan 6: Y-plane BCID 811

χ^2 / ndf	9.04 / 13
Σ	0.1174 ± 0.0004641
σ_1 / σ_2	2.251 ± 0.5357
Amp	$0.002648 \pm 1.419\text{e-}05$
Frac	0.009736 ± 0.006548
Mean	-0.006888 ± 0.0004741
Const	$1.085\text{e-}12 \pm 1.373\text{e-}05$



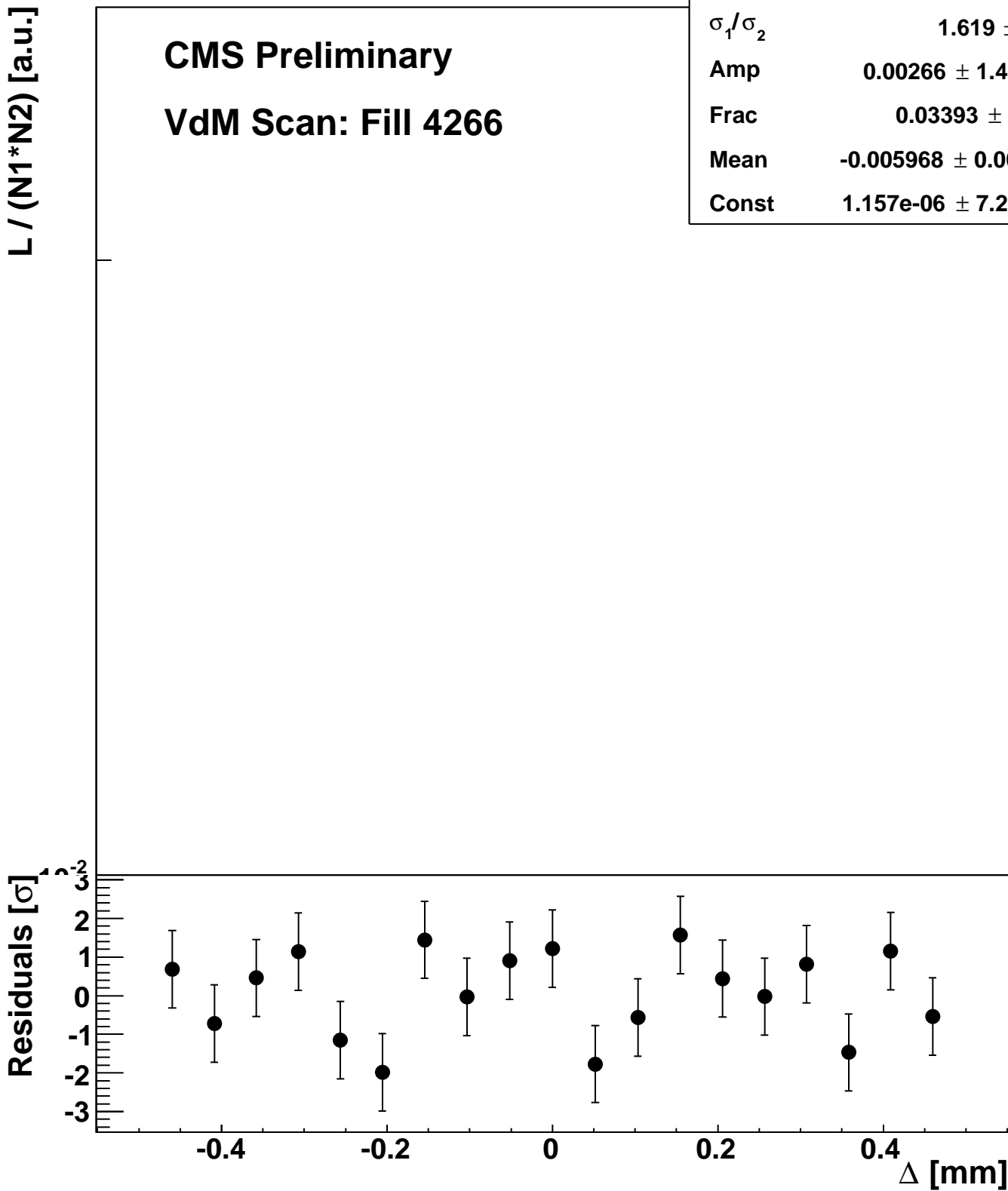
Scan 6: Y-plane BCID 851

χ^2 / ndf	9.398 / 13
Σ	0.1155 ± 0.0005498
σ_1 / σ_2	1.561 ± 0.1248
Amp	$0.002684 \pm 1.734\text{e-}05$
Frac	0.06837 ± 0.03695
Mean	-0.007291 ± 0.0005622
Const	$1.221\text{e-}13 \pm 6.285\text{e-}06$



Scan 6: Y-plane BCID 891

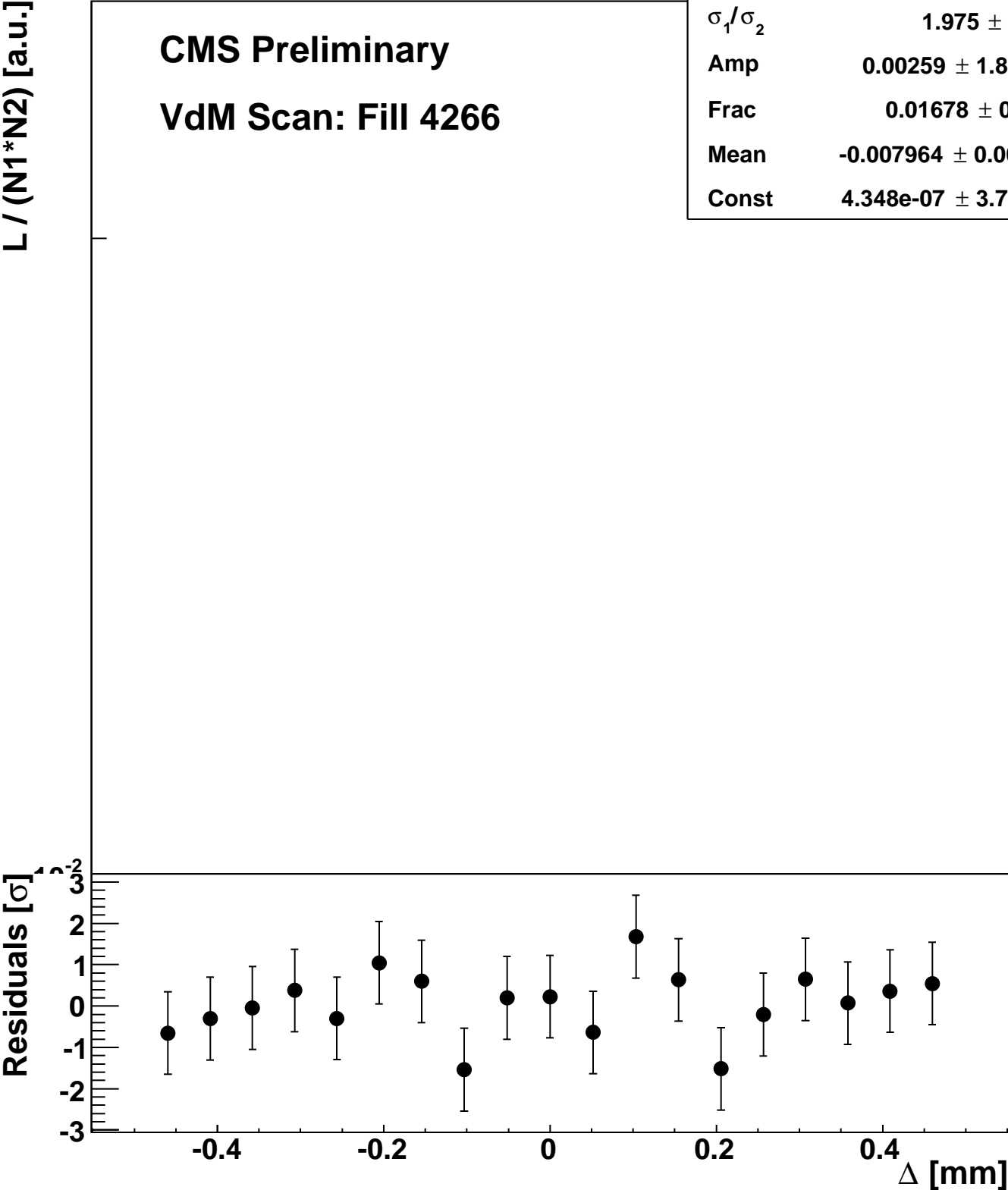
χ^2 / ndf	22.72 / 13
Σ	0.1159 ± 0.003046
σ_1 / σ_2	1.619 ± 2.311
Amp	$0.00266 \pm 1.495\text{e-}05$
Frac	0.03393 ± 0.5469
Mean	-0.005968 ± 0.0005811
Const	$1.157\text{e-}06 \pm 7.226\text{e-}05$



Scan 6: Y-plane BCID 91

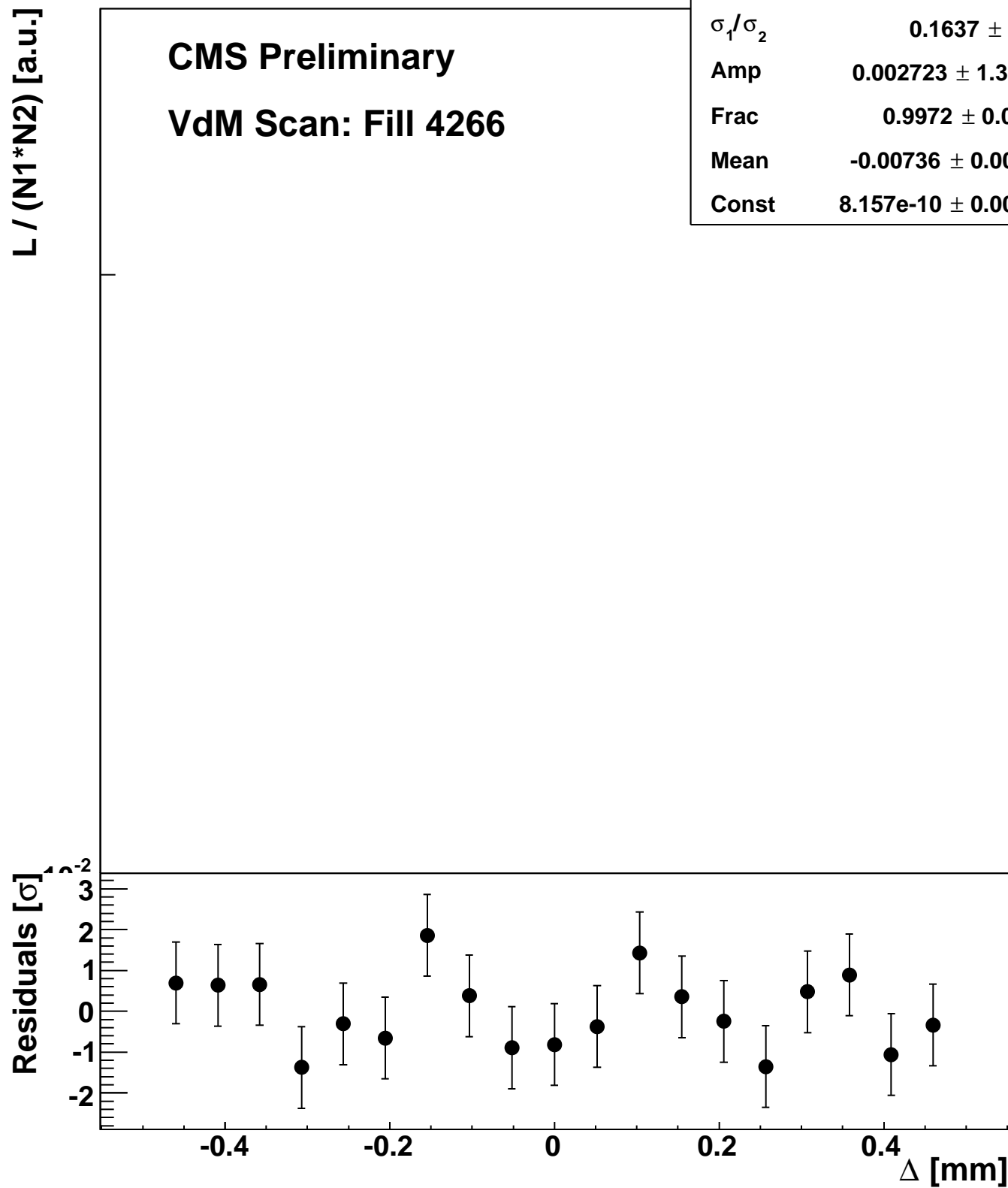
χ^2 / ndf	11.49 / 13
Σ	0.1178 ± 0.00119
σ_1 / σ_2	1.975 ± 0.8655
Amp	$0.00259 \pm 1.871\text{e-}05$
Frac	0.01678 ± 0.01251
Mean	-0.007964 ± 0.0005071
Const	$4.348\text{e-}07 \pm 3.722\text{e-}05$

CMS Preliminary
VdM Scan: Fill 4266



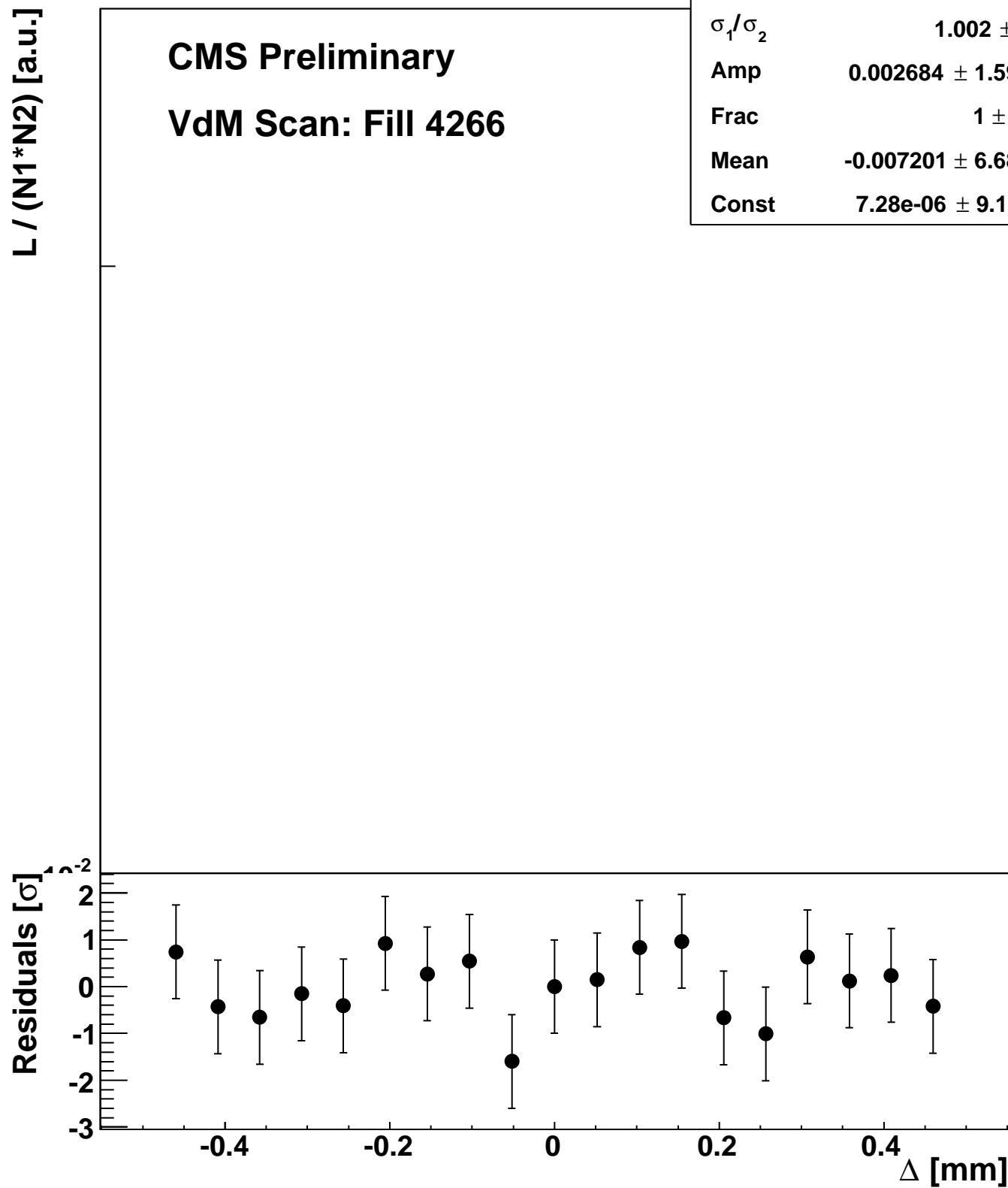
Scan 6: Y-plane BCID 931

χ^2 / ndf	15.24 / 13
Σ	0.1166 ± 0.00306
σ_1 / σ_2	0.1637 ± 0.4146
Amp	$0.002723 \pm 1.318\text{e-}05$
Frac	0.9972 ± 0.002207
Mean	-0.00736 ± 0.0004293
Const	$8.157\text{e-}10 \pm 0.0002433$

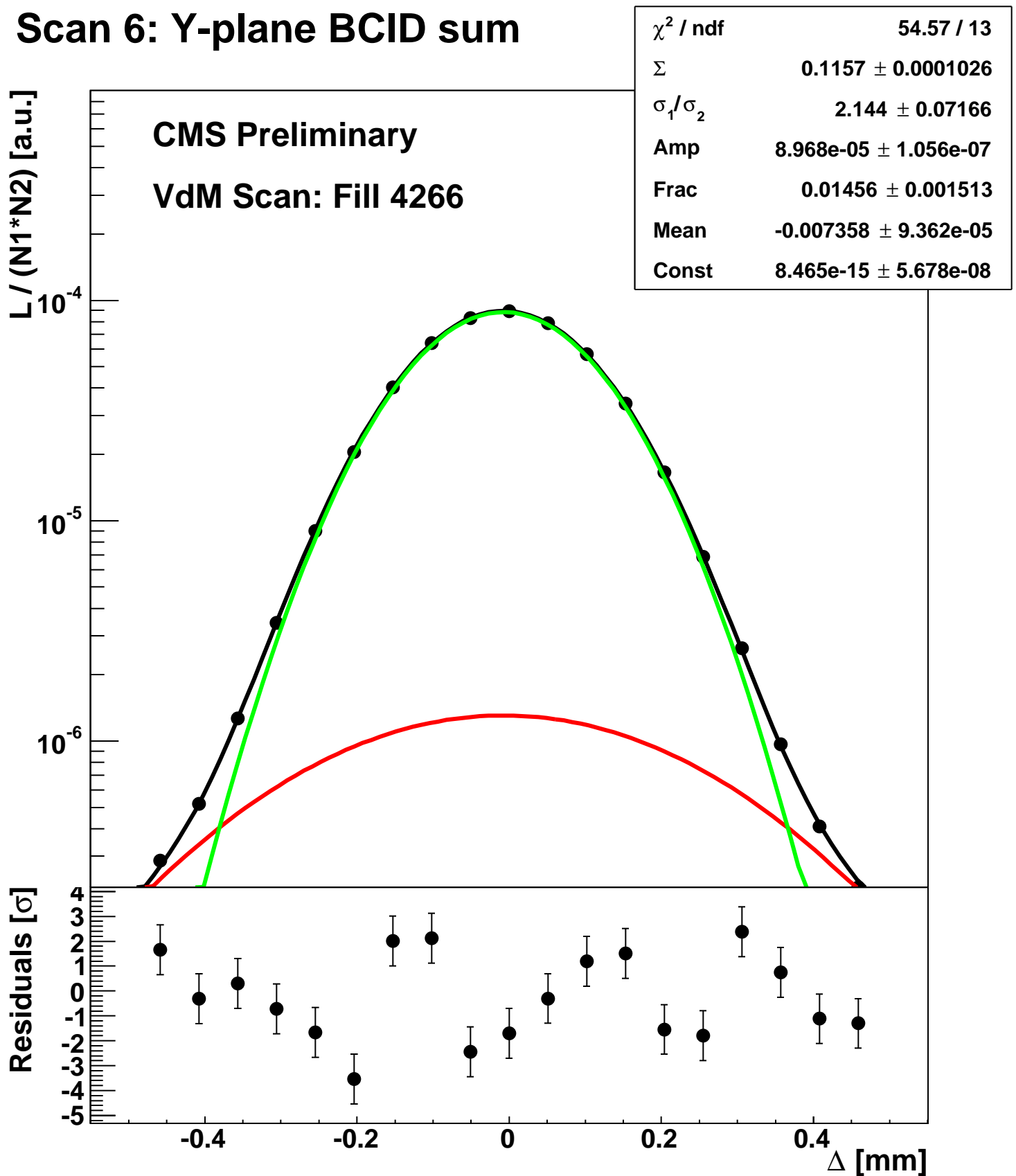


Scan 6: Y-plane BCID 971

χ^2 / ndf	8.886 / 13
Σ	$0.1156 \pm 3.809\text{e-}07$
σ_1 / σ_2	1.002 ± 7.068
Amp	$0.002684 \pm 1.597\text{e-}08$
Frac	1 ± 0.6471
Mean	$-0.007201 \pm 6.687\text{e-}07$
Const	$7.28\text{e-}06 \pm 9.151\text{e-}10$



Scan 6: Y-plane BCID sum



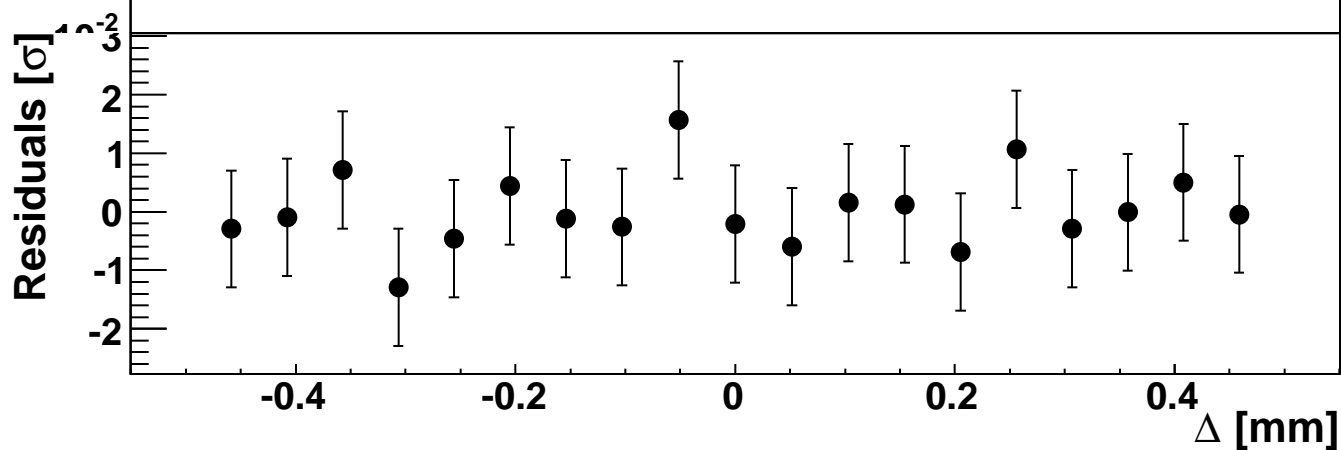
Scan 7: X-plane BCID 1011

L / (N1*N2) [a.u.]

CMS Preliminary

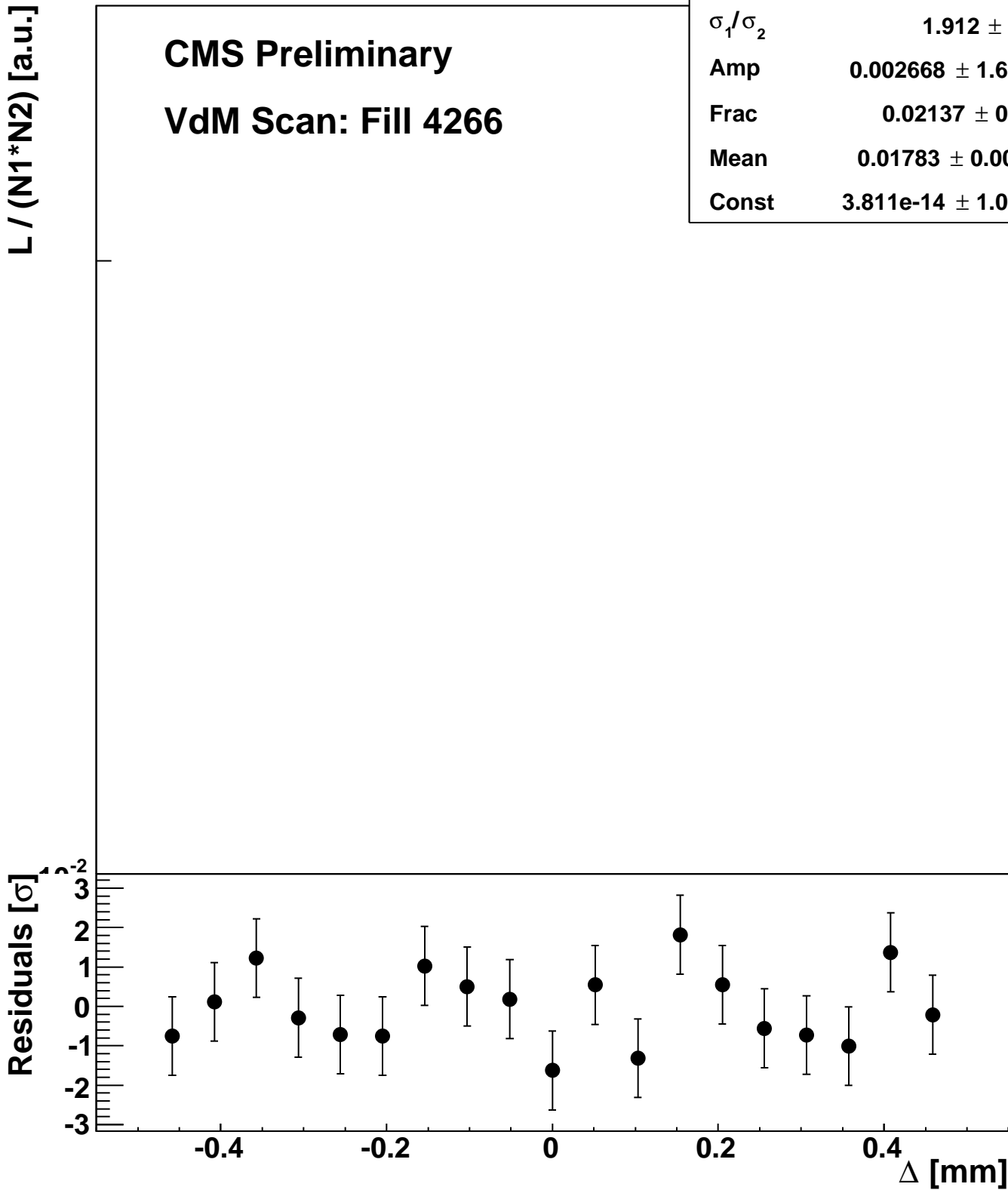
VdM Scan: Fill 4266

χ^2 / ndf	7.577 / 13
Σ	0.1276 ± 0.0005382
σ_1 / σ_2	1.681 ± 0.2308
Amp	$0.002733 \pm 1.336\text{e-}05$
Frac	0.0417 ± 0.02881
Mean	0.01783 ± 0.0005755
Const	$1.219\text{e-}12 \pm 1.2\text{e-}05$



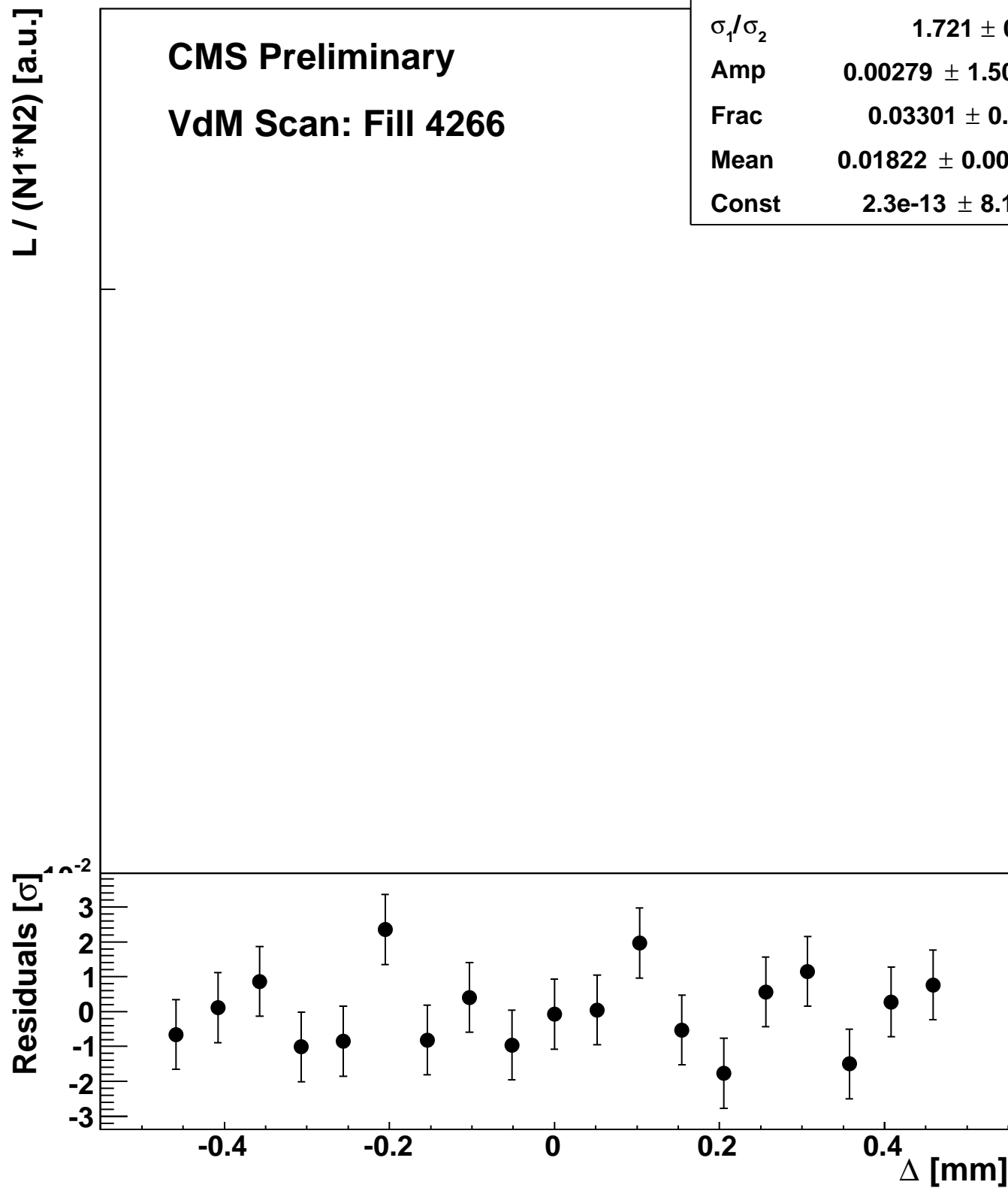
Scan 7: X-plane BCID 131

χ^2 / ndf	16.63 / 13
Σ	0.1306 ± 0.0006068
σ_1 / σ_2	1.912 ± 0.4988
Amp	$0.002668 \pm 1.659\text{e-}05$
Frac	0.02137 ± 0.01968
Mean	0.01783 ± 0.0005868
Const	$3.811\text{e-}14 \pm 1.037\text{e-}05$



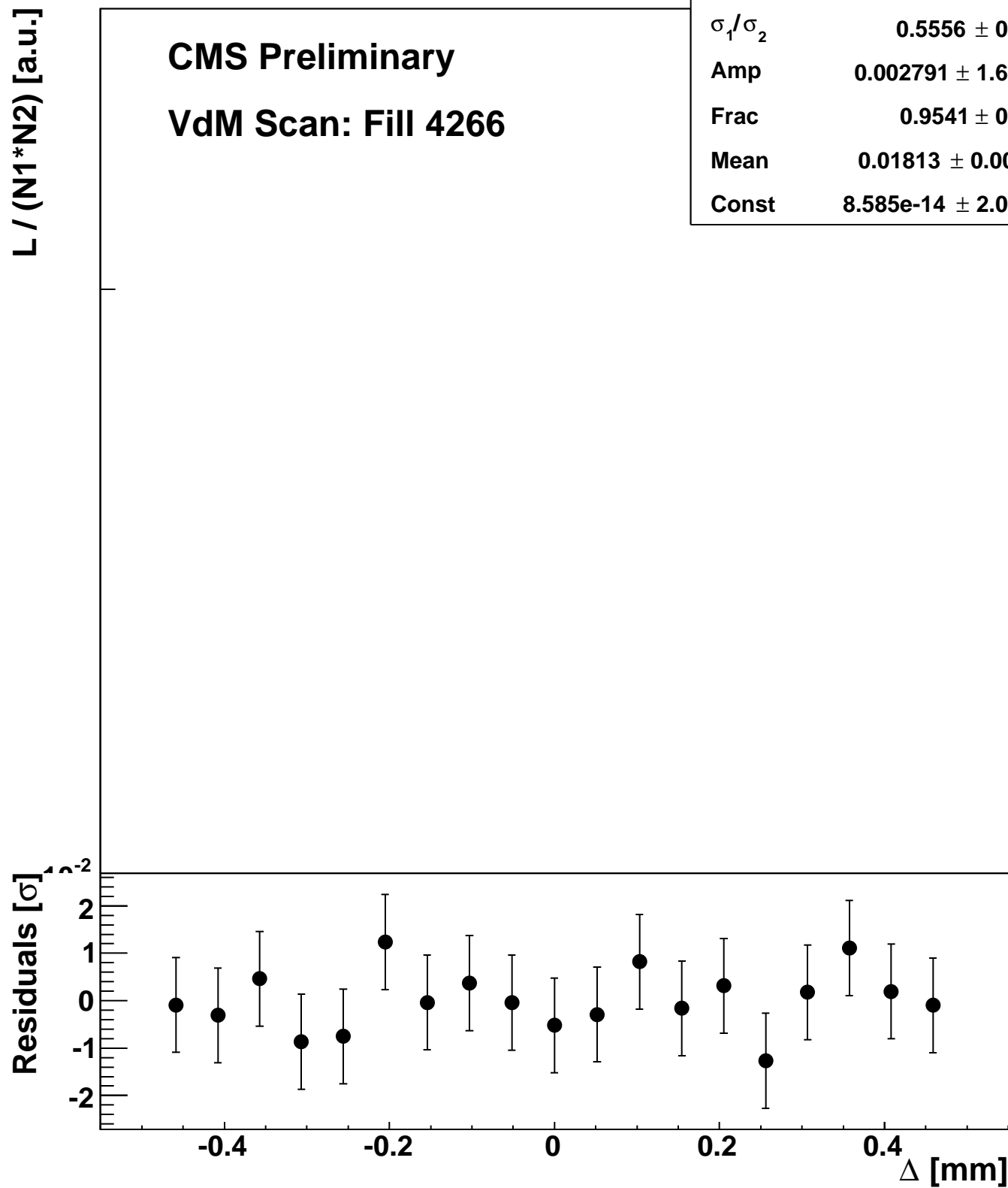
Scan 7: X-plane BCID 1631

χ^2 / ndf	22.08 / 13
Σ	0.1266 ± 0.0004917
σ_1/σ_2	1.721 ± 0.2439
Amp	$0.00279 \pm 1.501\text{e-}05$
Frac	0.03301 ± 0.02302
Mean	0.01822 ± 0.0004984
Const	$2.3\text{e-}13 \pm 8.19\text{e-}06$



Scan 7: X-plane BCID 1671

χ^2 / ndf	7.363 / 13
Σ	0.127 ± 0.000536
σ_1 / σ_2	0.5556 ± 0.06215
Amp	$0.002791 \pm 1.651\text{e-}05$
Frac	0.9541 ± 0.02224
Mean	0.01813 ± 0.0005047
Const	$8.585\text{e-}14 \pm 2.068\text{e-}05$



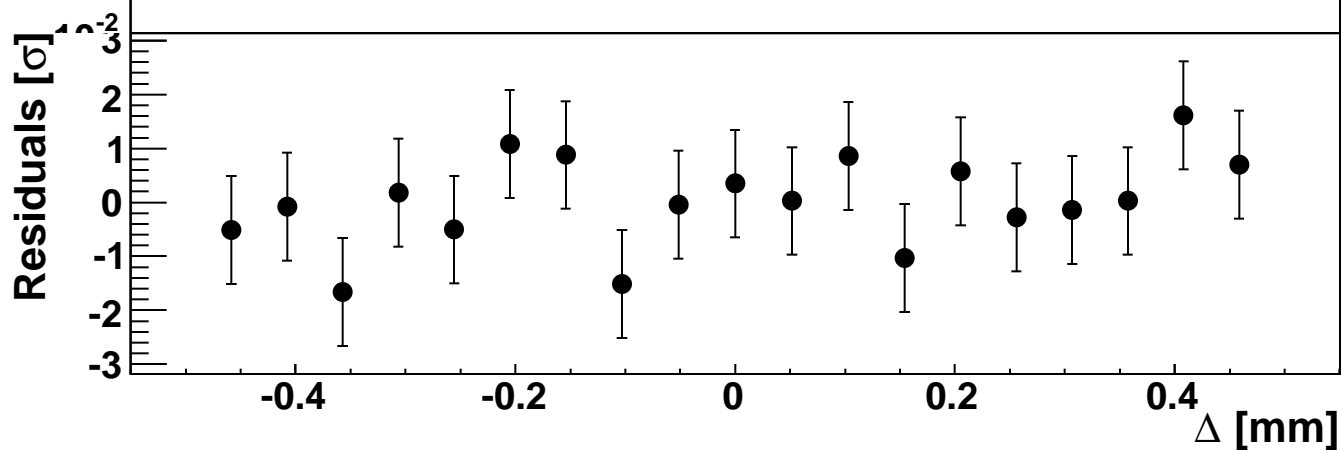
Scan 7: X-plane BCID 1711

L / (N1*N2) [a.u.]

CMS Preliminary

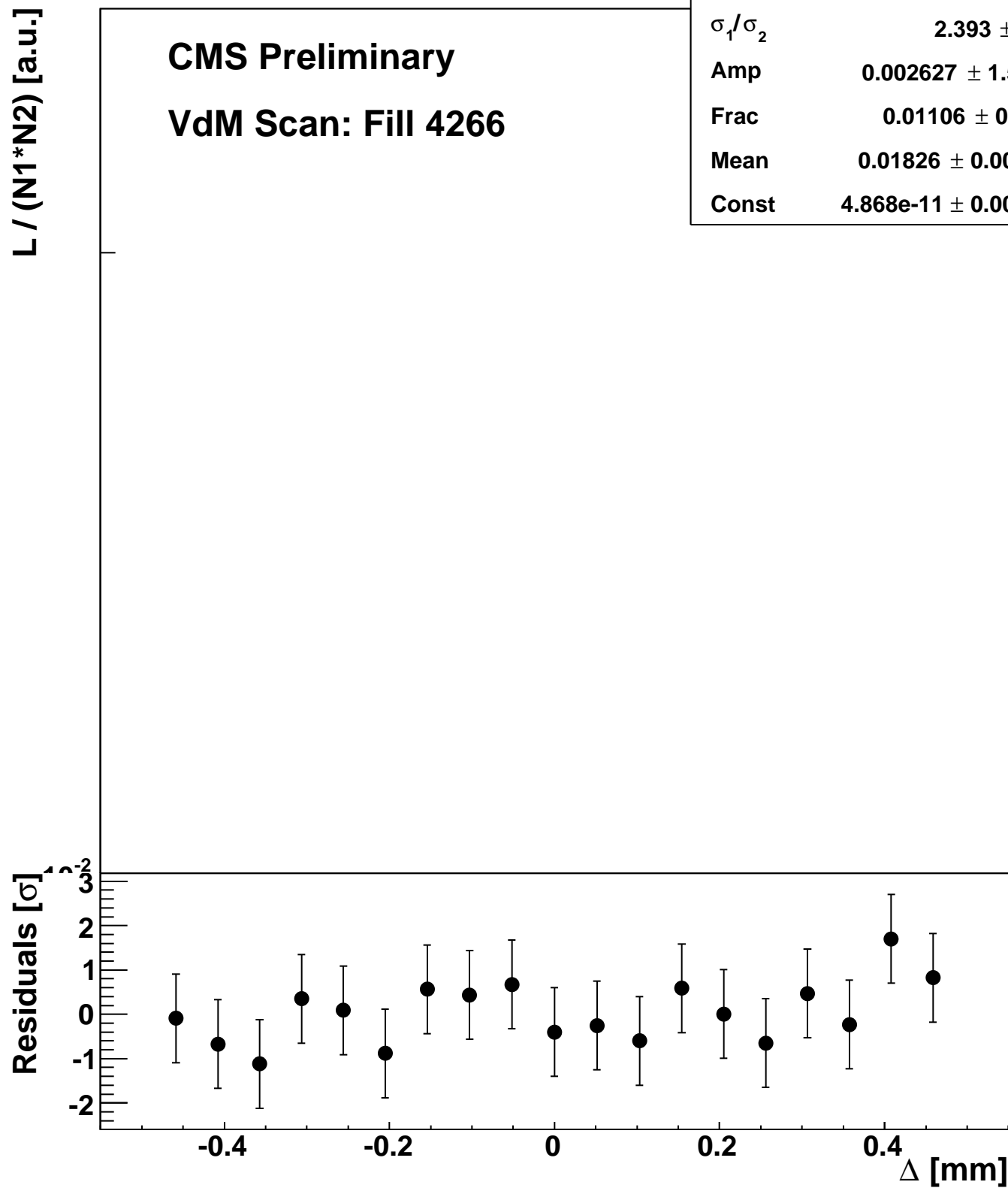
VdM Scan: Fill 4266

χ^2 / ndf	12.98 / 13
Σ	0.1263 ± 0.0005726
σ_1 / σ_2	1.427 ± 0.09704
Amp	$0.002773 \pm 1.764\text{e-}05$
Frac	0.1424 ± 0.09103
Mean	0.01845 ± 0.000511
Const	$5.093\text{e-}14 \pm 1.288\text{e-}05$



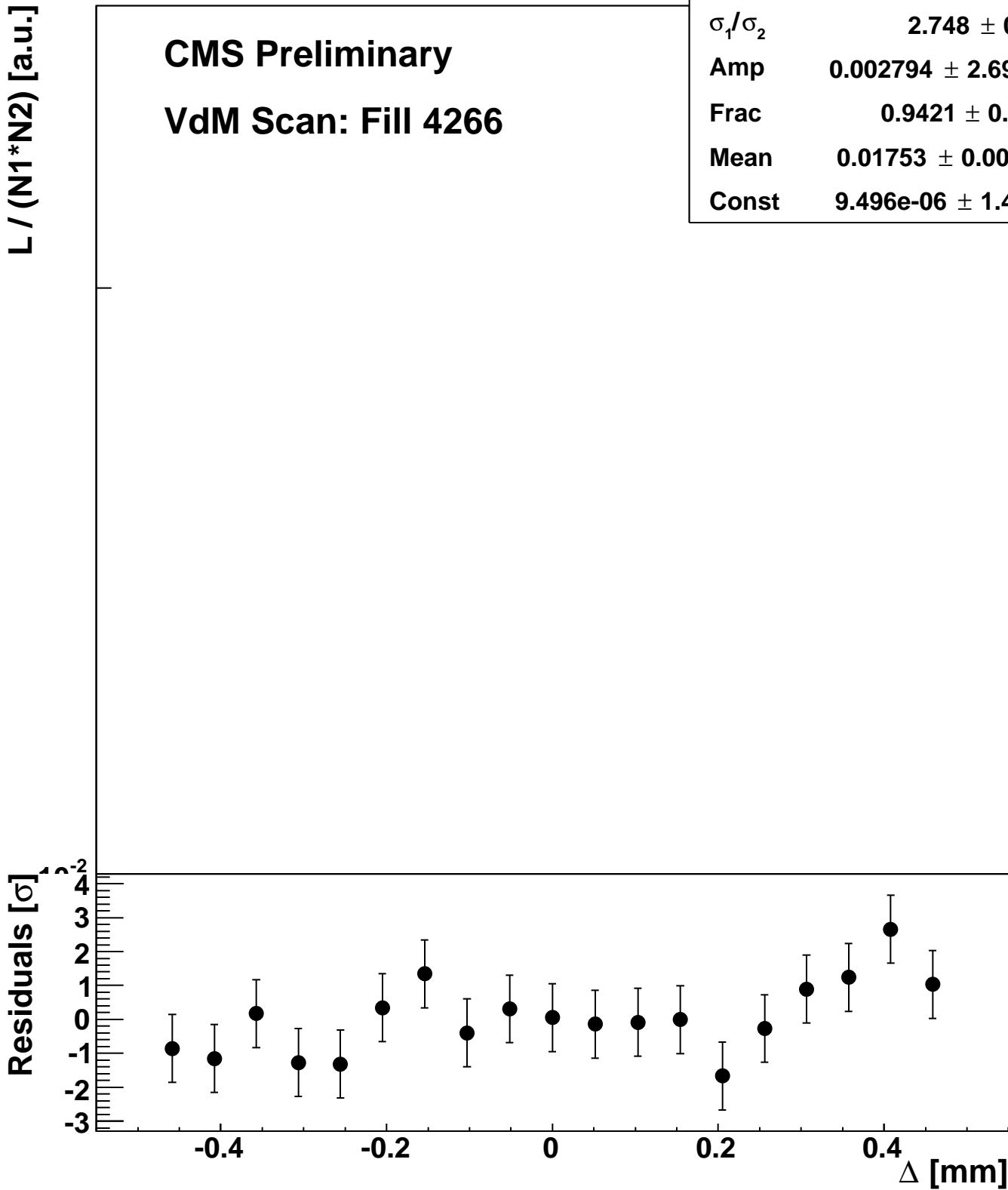
Scan 7: X-plane BCID 171

χ^2 / ndf	8.763 / 13
Σ	0.131 ± 0.0007235
σ_1 / σ_2	2.393 ± 1.038
Amp	$0.002627 \pm 1.55\text{e-}05$
Frac	0.01106 ± 0.01049
Mean	0.01826 ± 0.0005343
Const	$4.868\text{e-}11 \pm 0.0001803$



Scan 7: X-plane BCID 1751

χ^2 / ndf	20.98 / 13
Σ	0.1242 ± 0.001104
σ_1/σ_2	2.748 ± 0.7463
Amp	$0.002794 \pm 2.698\text{e-}05$
Frac	0.9421 ± 0.01553
Mean	0.01753 ± 0.0005674
Const	$9.496\text{e-}06 \pm 1.47\text{e-}06$



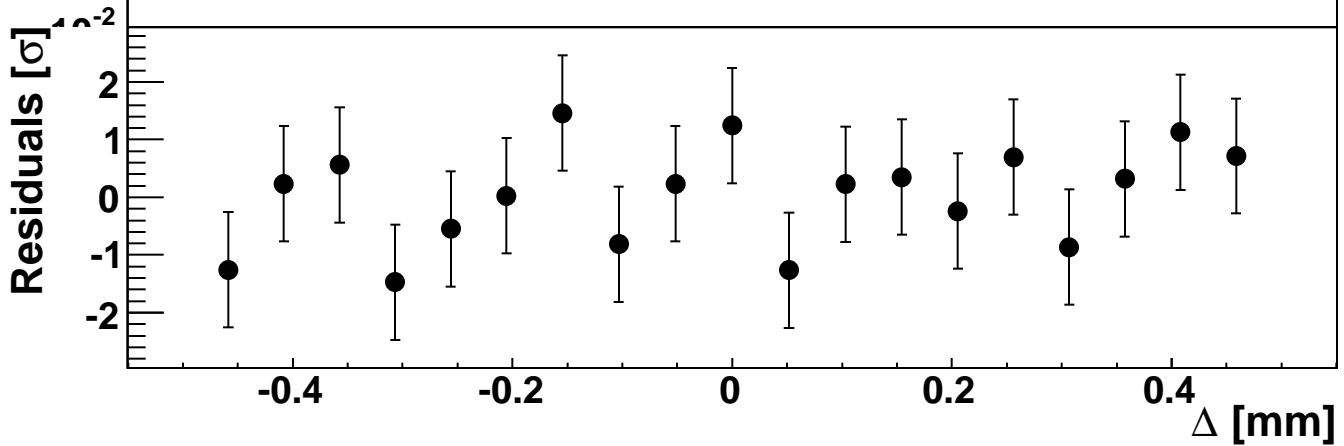
Scan 7: X-plane BCID 1791

$$L / (N1^*N2) \text{ [a.u.]}$$

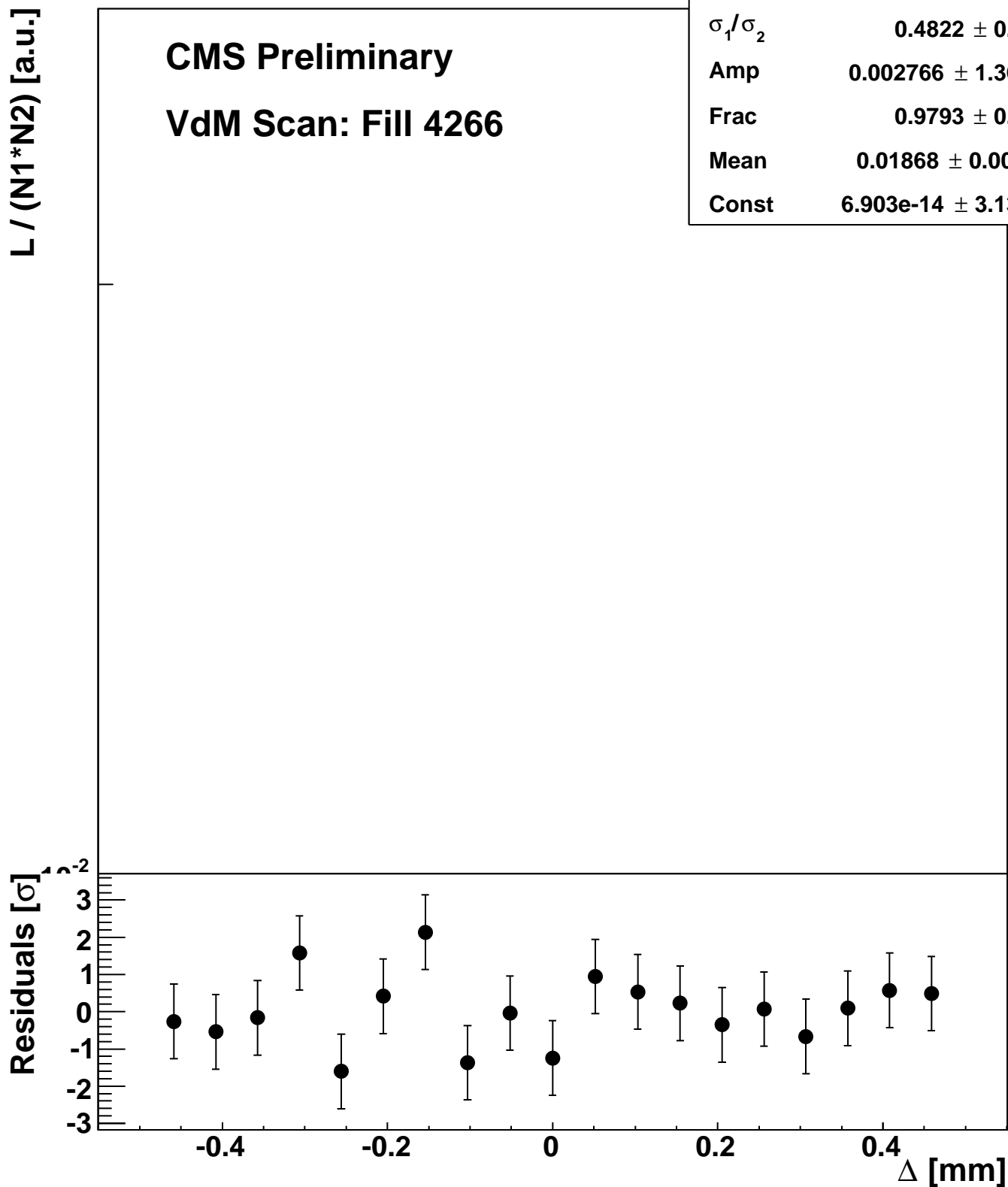
CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	13.75 / 13
Σ	0.1267 ± 0.0004327
σ_1 / σ_2	1.598 ± 0.1517
Amp	$0.002764 \pm 1.238\text{e-}05$
Frac	0.05267 ± 0.02936
Mean	0.01858 ± 0.0004648
Const	$1.665\text{e-}15 \pm 2.551\text{e-}06$



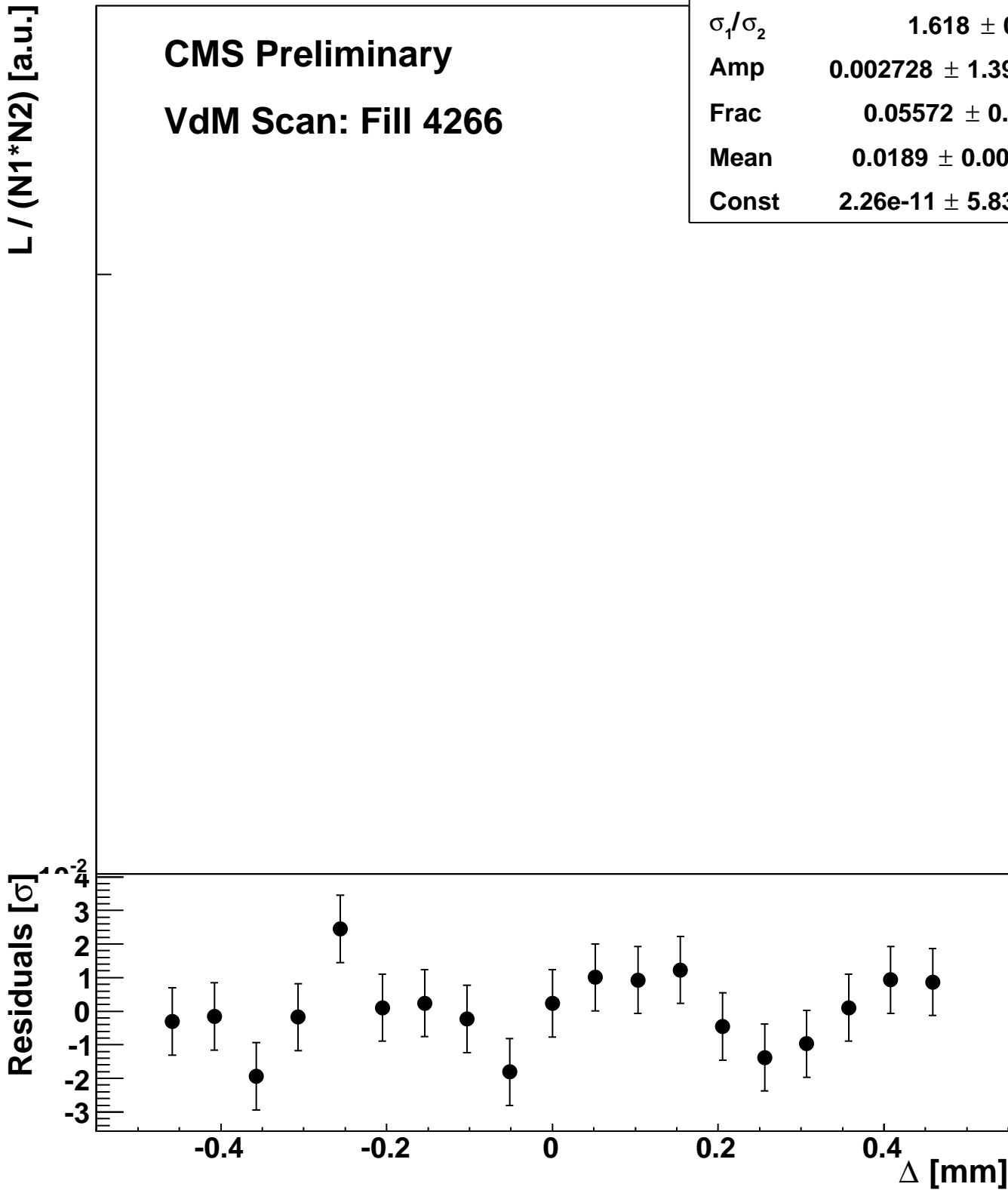
Scan 7: X-plane BCID 1831



χ^2 / ndf	15.96 / 13
Σ	0.1277 ± 0.000542
σ_1 / σ_2	0.4822 ± 0.09889
Amp	$0.002766 \pm 1.369\text{e-}05$
Frac	0.9793 ± 0.01302
Mean	0.01868 ± 0.0004975
Const	$6.903\text{e-}14 \pm 3.139\text{e-}05$

Scan 7: X-plane BCID 1871

χ^2 / ndf	21.4 / 13
Σ	0.1282 ± 0.000561
σ_1/σ_2	1.618 ± 0.1969
Amp	$0.002728 \pm 1.391\text{e-}05$
Frac	0.05572 ± 0.03883
Mean	0.0189 ± 0.0005185
Const	$2.26\text{e-}11 \pm 5.838\text{e-}05$

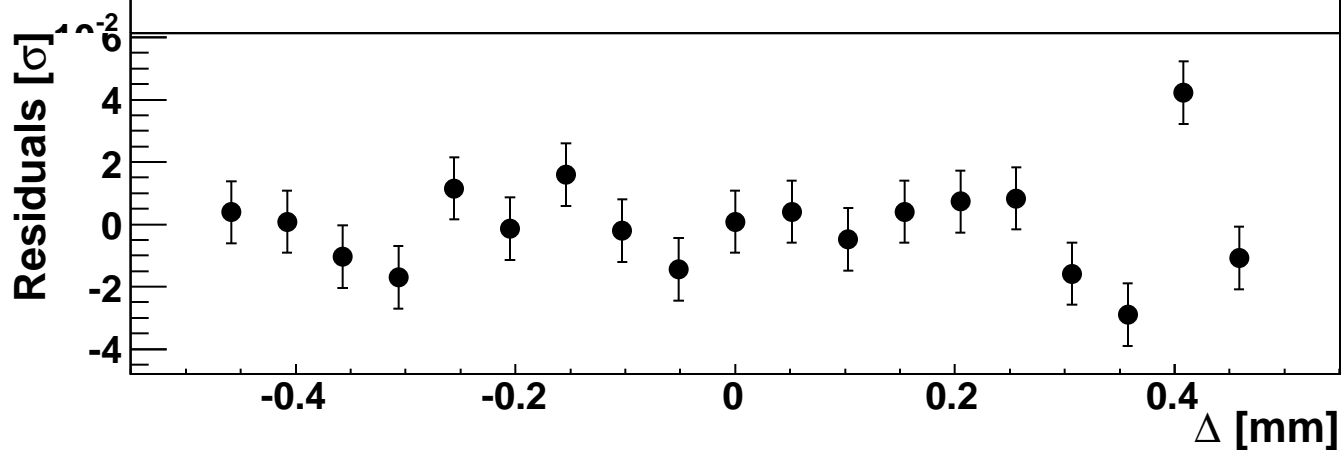


Scan 7: X-plane BCID 1

L / (N1*N2) [a.u.]

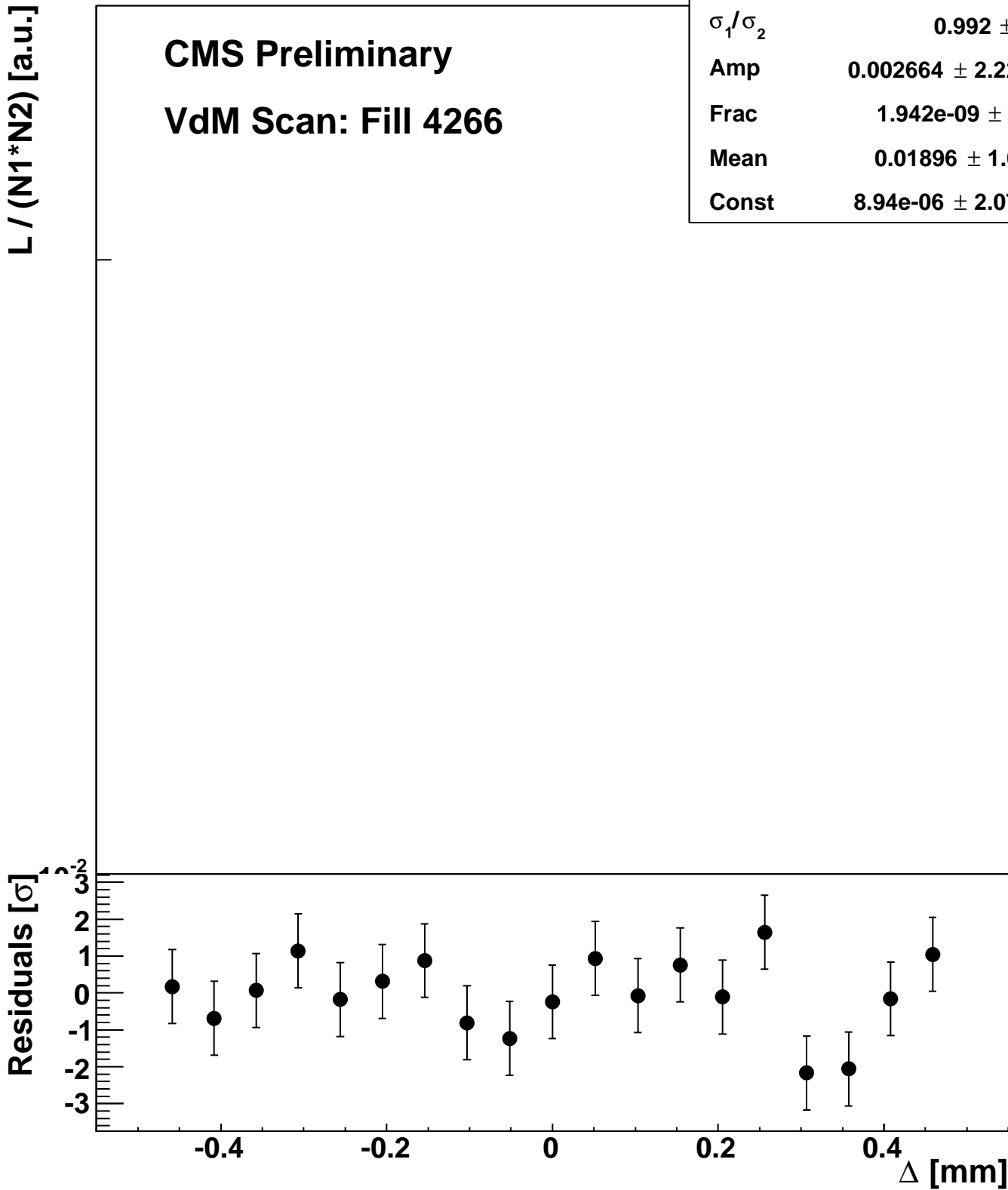
CMS Preliminary
VdM Scan: Fill 4266

χ^2 / ndf	41.78 / 13
Σ	$0.1366 \pm 1.49\text{e-}07$
σ_1 / σ_2	1 ± 6.813
Amp	$0.002144 \pm 3.746\text{e-}09$
Frac	1 ± 0.9955
Mean	$0.02022 \pm 2.458\text{e-}07$
Const	$8.228\text{e-}06 \pm 4.675\text{e-}10$



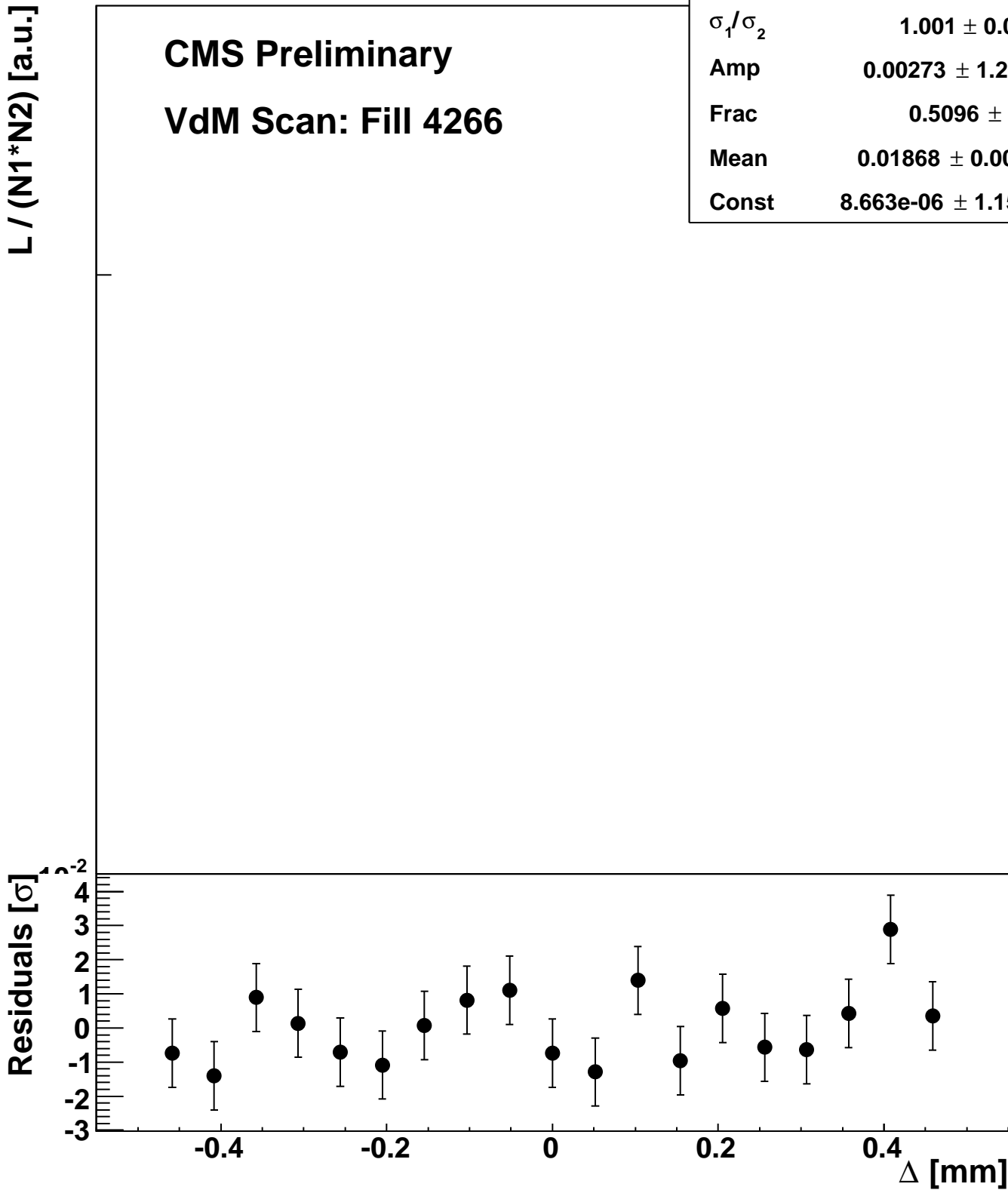
Scan 7: X-plane BCID 211

χ^2 / ndf	19.18 / 13
Σ	$0.1287 \pm 6.228\text{e-}06$
σ_1 / σ_2	0.992 ± 9.358
Amp	$0.002664 \pm 2.222\text{e-}07$
Frac	$1.942\text{e-}09 \pm 0.8868$
Mean	$0.01896 \pm 1.06\text{e-}05$
Const	$8.94\text{e-}06 \pm 2.075\text{e-}08$



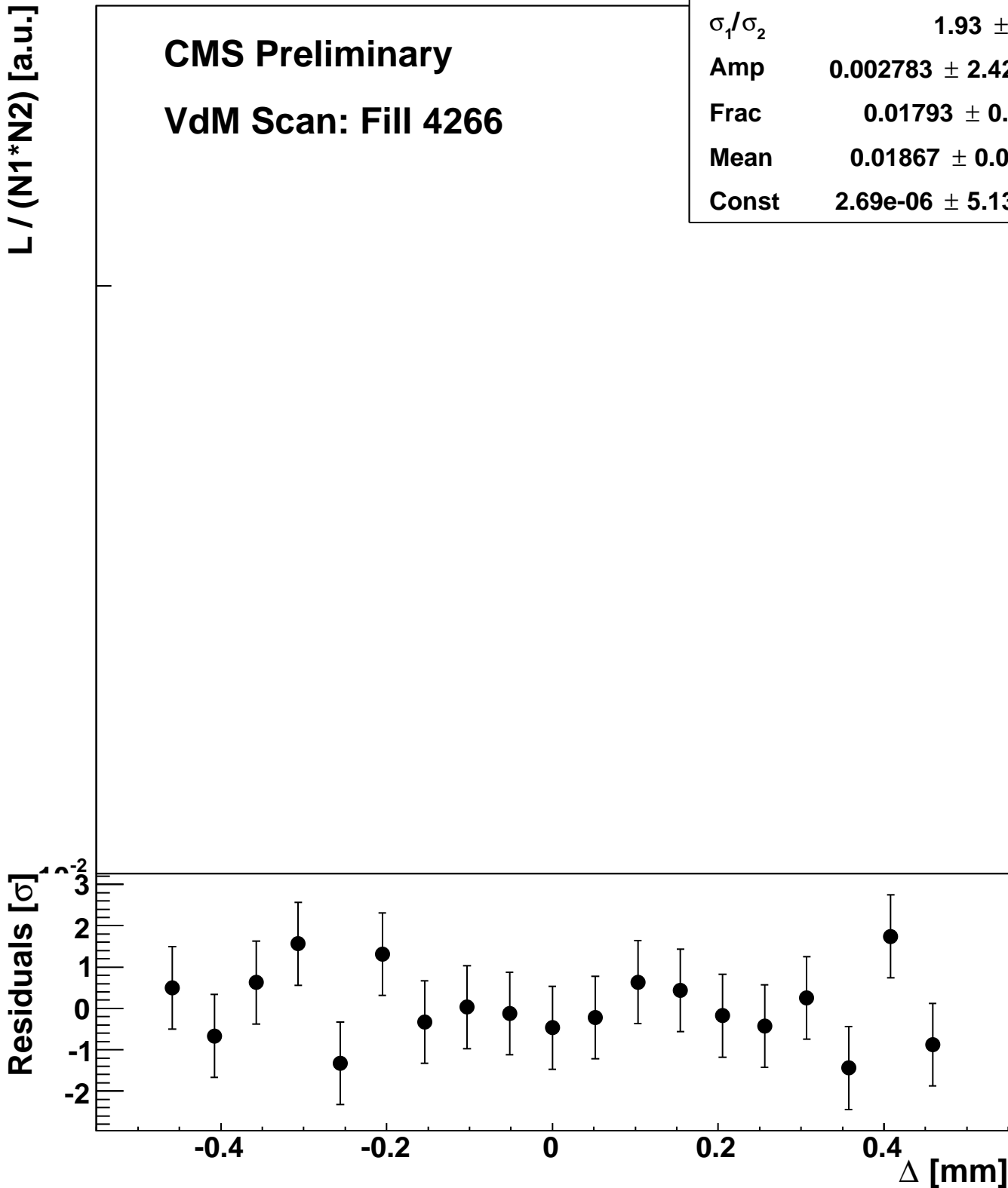
Scan 7: X-plane BCID 2211

χ^2 / ndf	21.61 / 13
Σ	0.1266 ± 0.0004519
σ_1 / σ_2	1.001 ± 0.002502
Amp	$0.00273 \pm 1.272\text{e-}05$
Frac	0.5096 ± 0.7262
Mean	0.01868 ± 0.0005273
Const	$8.663\text{e-}06 \pm 1.157\text{e-}06$



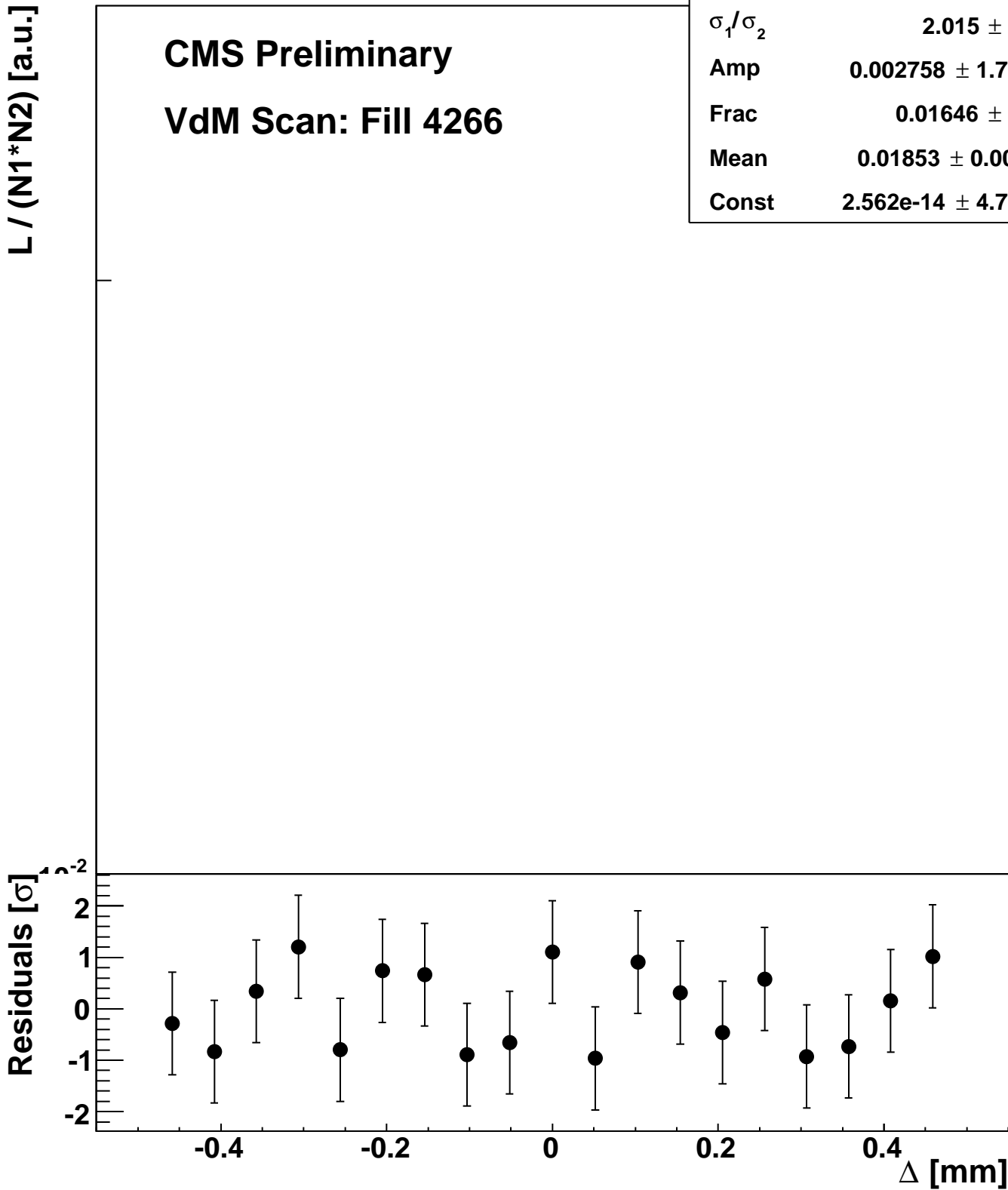
Scan 7: X-plane BCID 2251

χ^2 / ndf	14.15 / 13
Σ	0.1258 ± 0.003502
σ_1/σ_2	1.93 ± 2.359
Amp	$0.002783 \pm 2.423\text{e-}05$
Frac	0.01793 ± 0.03833
Mean	0.01867 ± 0.000515
Const	$2.69\text{e-}06 \pm 5.138\text{e-}05$



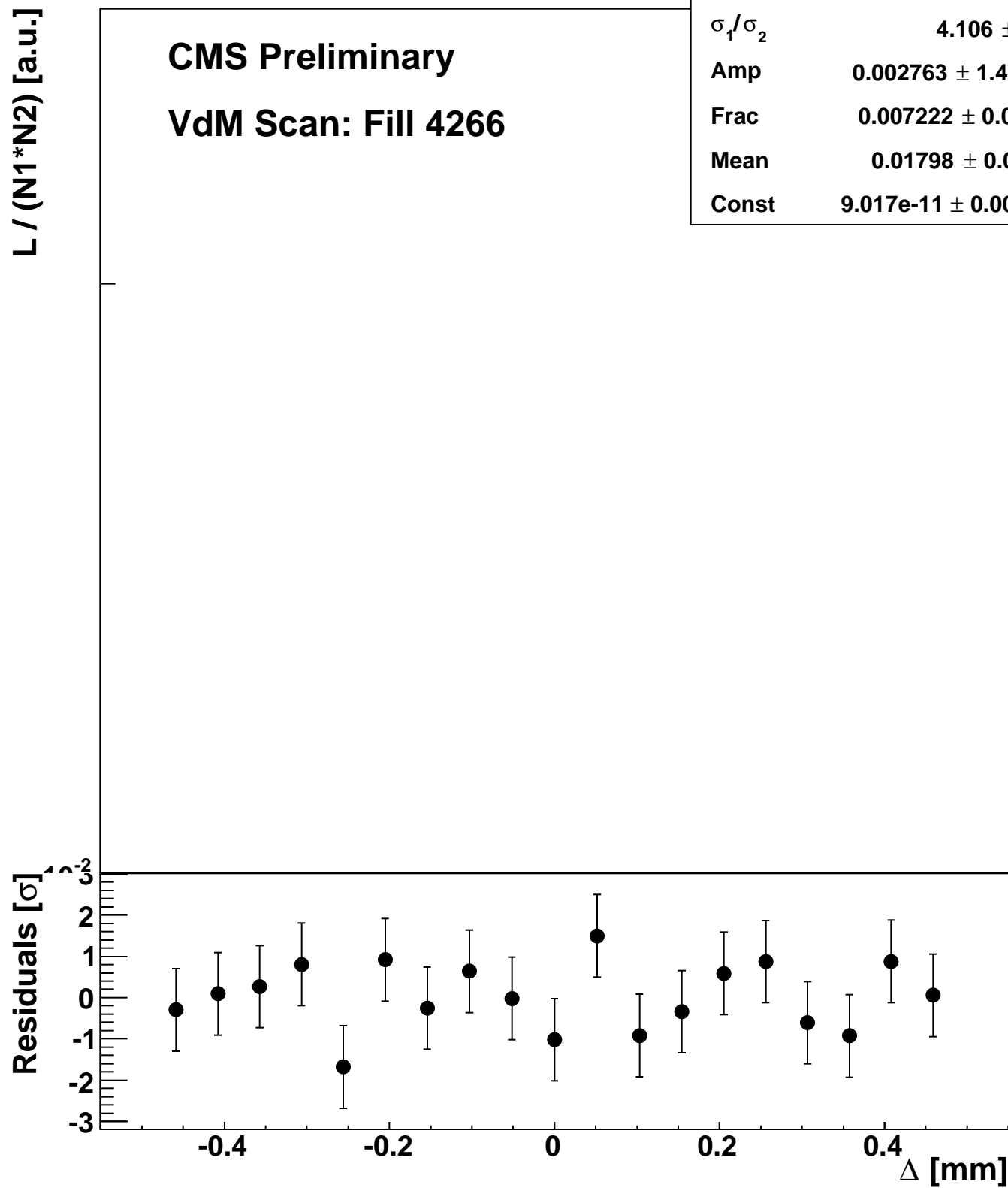
Scan 7: X-plane BCID 2291

χ^2 / ndf	11.29 / 13
Σ	0.1277 ± 0.0006265
σ_1 / σ_2	2.015 ± 0.5589
Amp	$0.002758 \pm 1.709\text{e-}05$
Frac	0.01646 ± 0.0145
Mean	0.01853 ± 0.0005444
Const	$2.562\text{e-}14 \pm 4.795\text{e-}05$



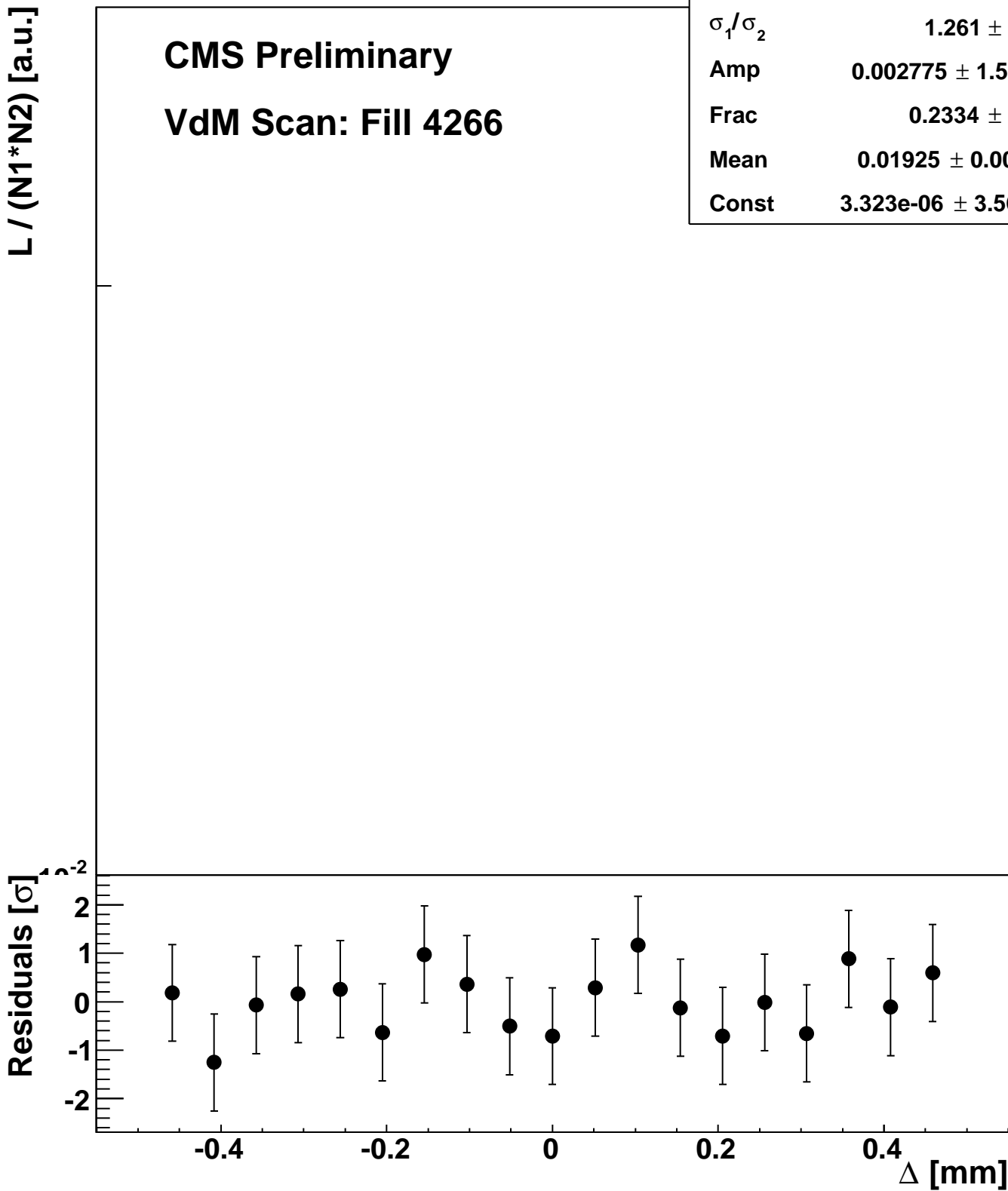
Scan 7: X-plane BCID 2331

χ^2 / ndf	12.29 / 13
Σ	0.1289 ± 0.00231
σ_1 / σ_2	4.106 ± 3.532
Amp	$0.002763 \pm 1.426\text{e-}05$
Frac	0.007222 ± 0.005208
Mean	0.01798 ± 0.000543
Const	$9.017\text{e-}11 \pm 0.0001758$



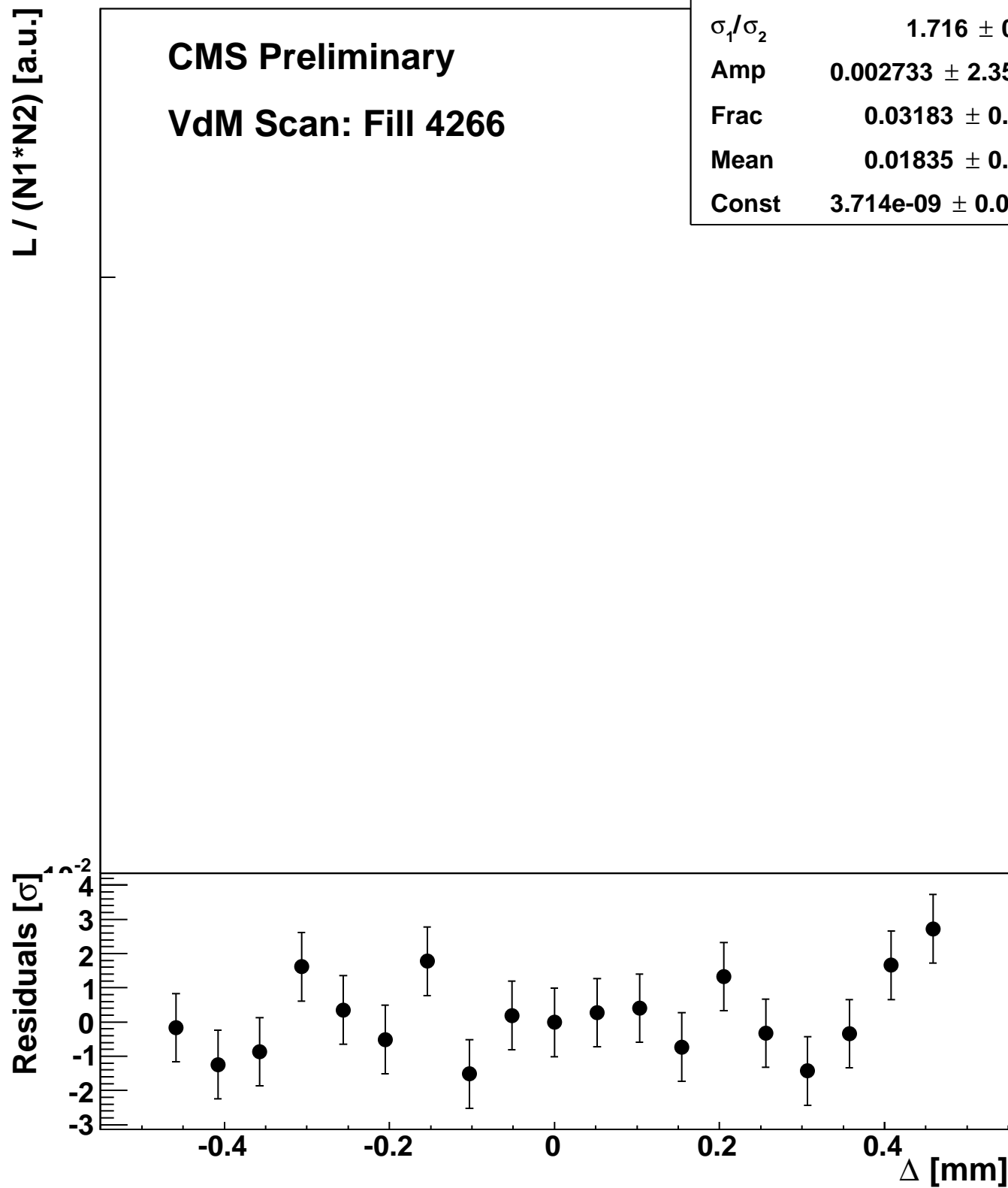
Scan 7: X-plane BCID 2371

χ^2 / ndf	7.479 / 13
Σ	0.1258 ± 0.0007353
σ_1 / σ_2	1.261 ± 0.1932
Amp	$0.002775 \pm 1.503\text{e-}05$
Frac	0.2334 ± 0.7709
Mean	0.01925 ± 0.0005036
Const	$3.323\text{e-}06 \pm 3.567\text{e-}06$



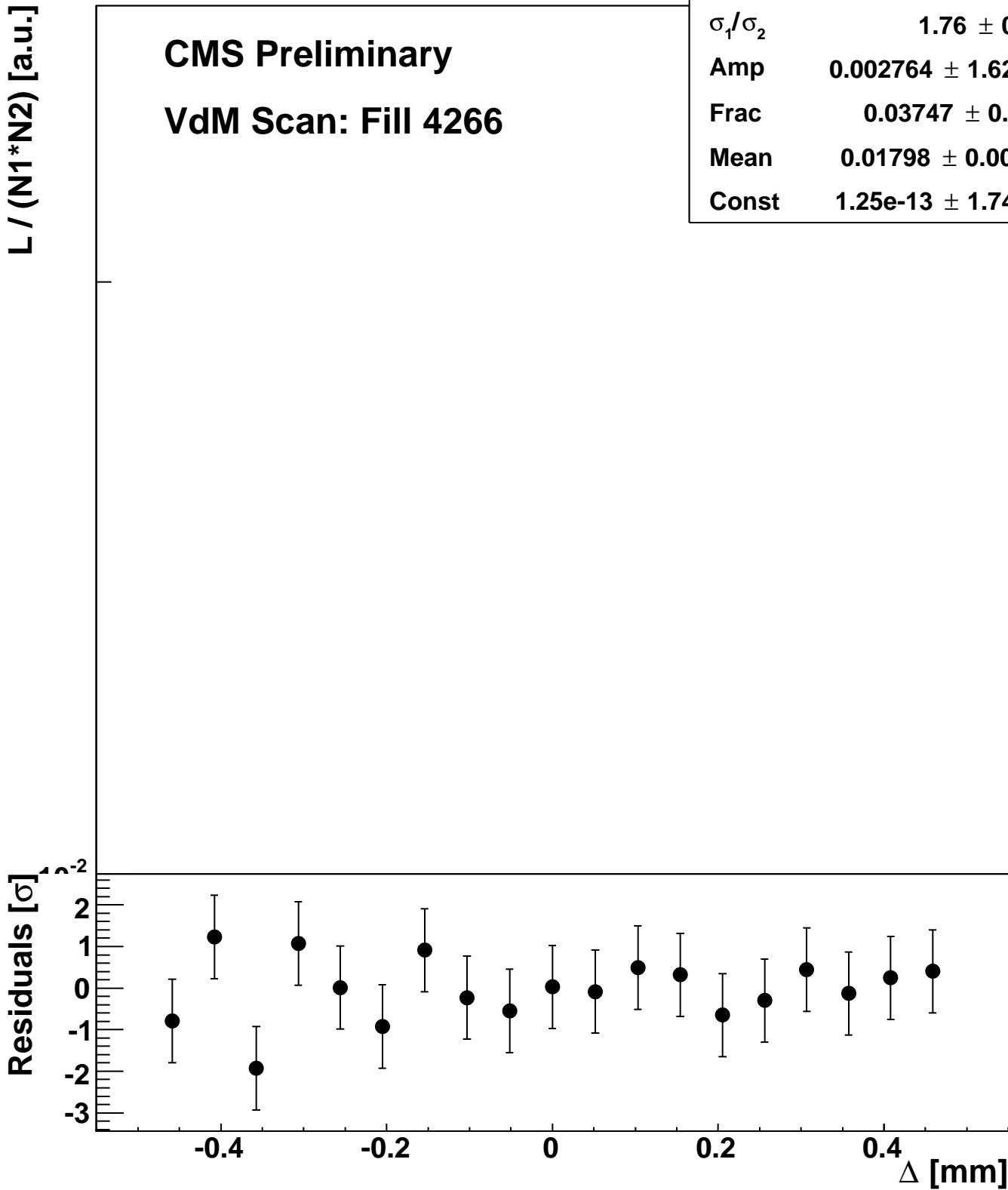
Scan 7: X-plane BCID 2411

χ^2 / ndf	25.75 / 13
Σ	0.1278 ± 0.001028
σ_1 / σ_2	1.716 ± 0.4058
Amp	$0.002733 \pm 2.358\text{e-}05$
Frac	0.03183 ± 0.01299
Mean	0.01835 ± 0.00053
Const	$3.714\text{e-}09 \pm 0.006396$



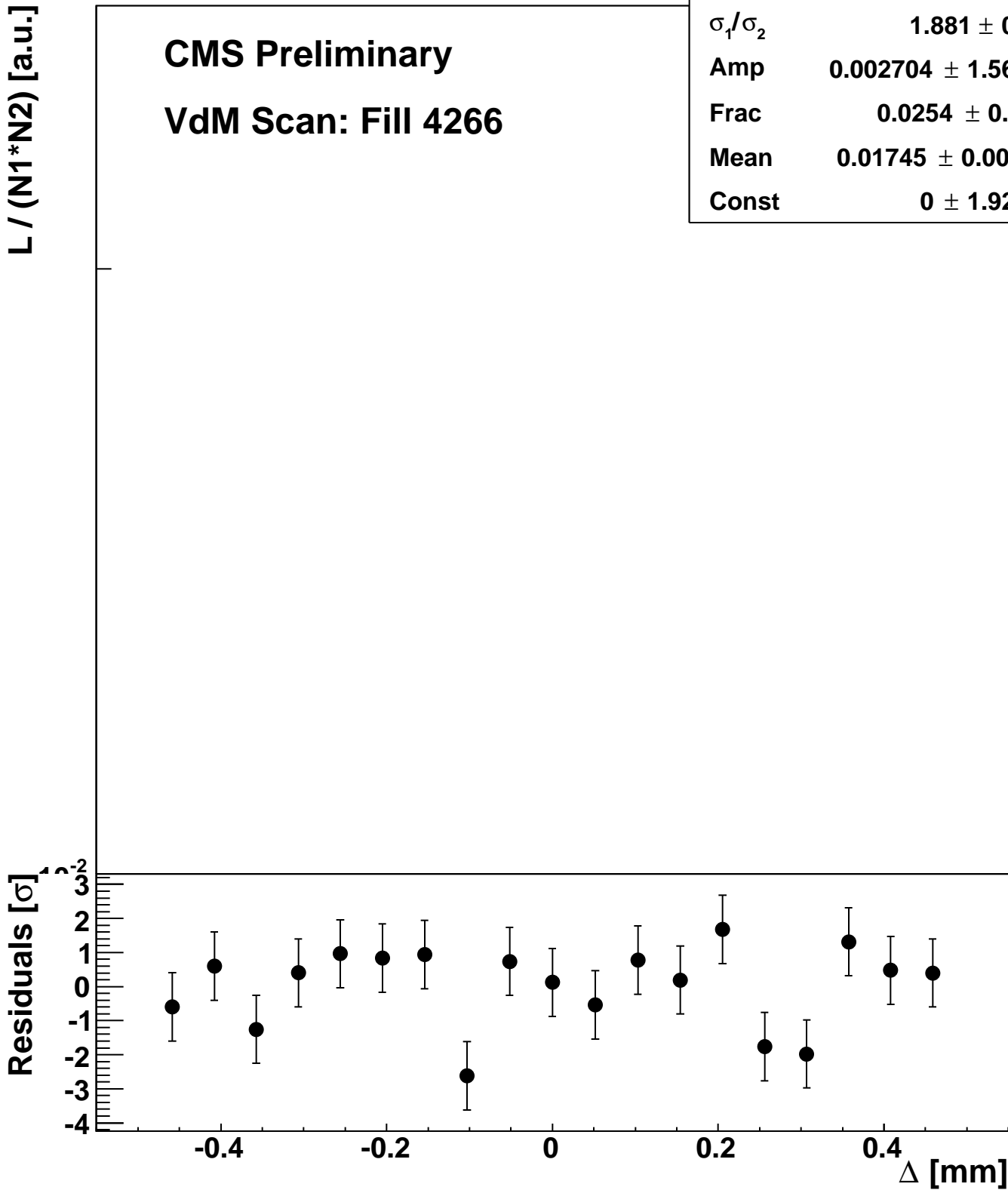
Scan 7: X-plane BCID 2451

χ^2 / ndf	10.34 / 13
Σ	0.1276 ± 0.0005484
σ_1/σ_2	1.76 ± 0.2564
Amp	$0.002764 \pm 1.628\text{e-}05$
Frac	0.03747 ± 0.02449
Mean	0.01798 ± 0.0005031
Const	$1.25\text{e-}13 \pm 1.743\text{e-}05$



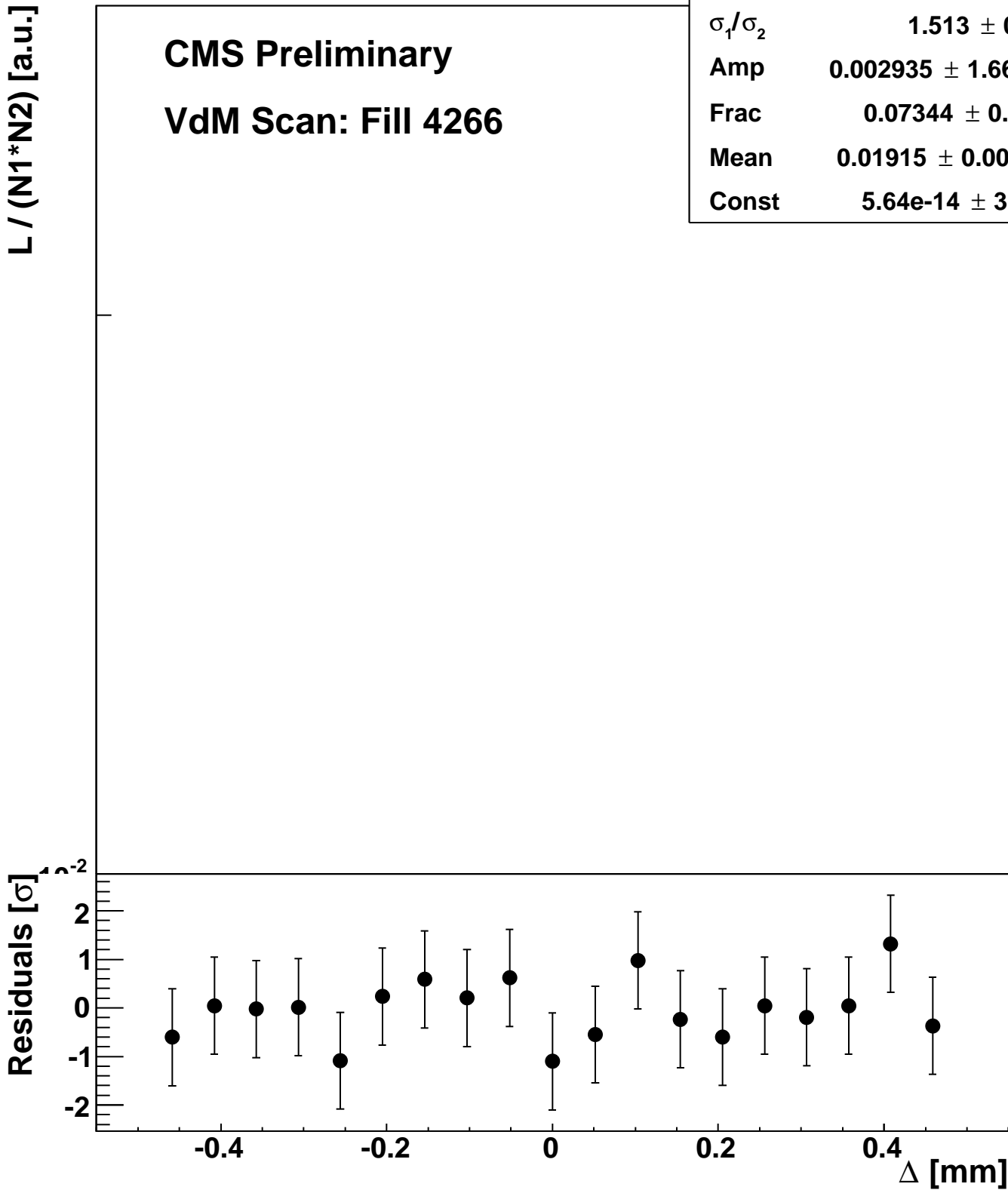
Scan 7: X-plane BCID 251

χ^2 / ndf	25.22 / 13
Σ	0.1292 ± 0.0006023
σ_1 / σ_2	1.881 ± 0.3934
Amp	$0.002704 \pm 1.567\text{e-}05$
Frac	0.0254 ± 0.02003
Mean	0.01745 ± 0.0005509
Const	$0 \pm 1.923\text{e-}05$



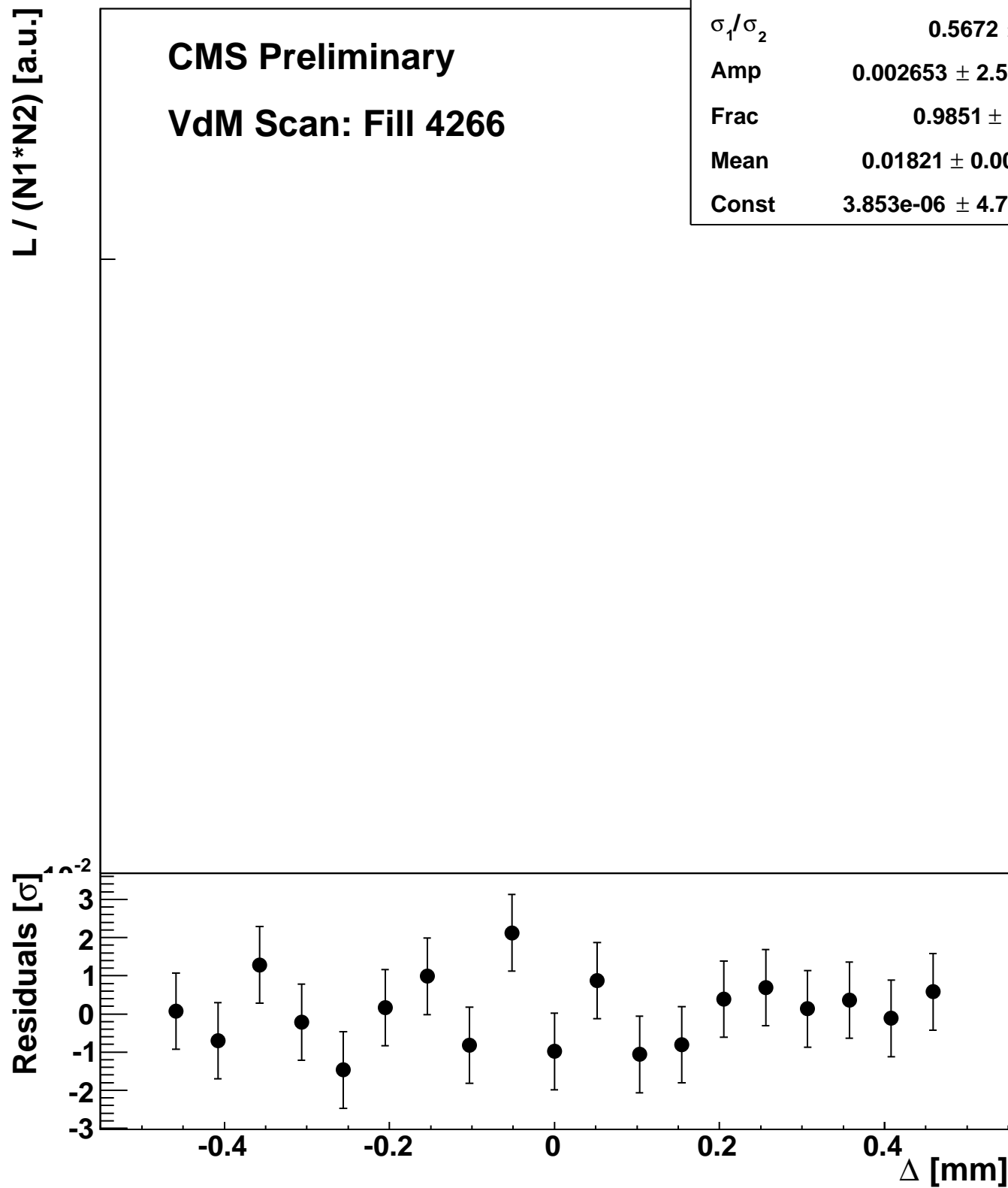
Scan 7: X-plane BCID 2674

χ^2 / ndf	7.17 / 13
Σ	0.1237 ± 0.0005489
σ_1 / σ_2	1.513 ± 0.1326
Amp	$0.002935 \pm 1.666\text{e-}05$
Frac	0.07344 ± 0.04443
Mean	0.01915 ± 0.0005096
Const	$5.64\text{e-}14 \pm 3.3\text{e-}06$



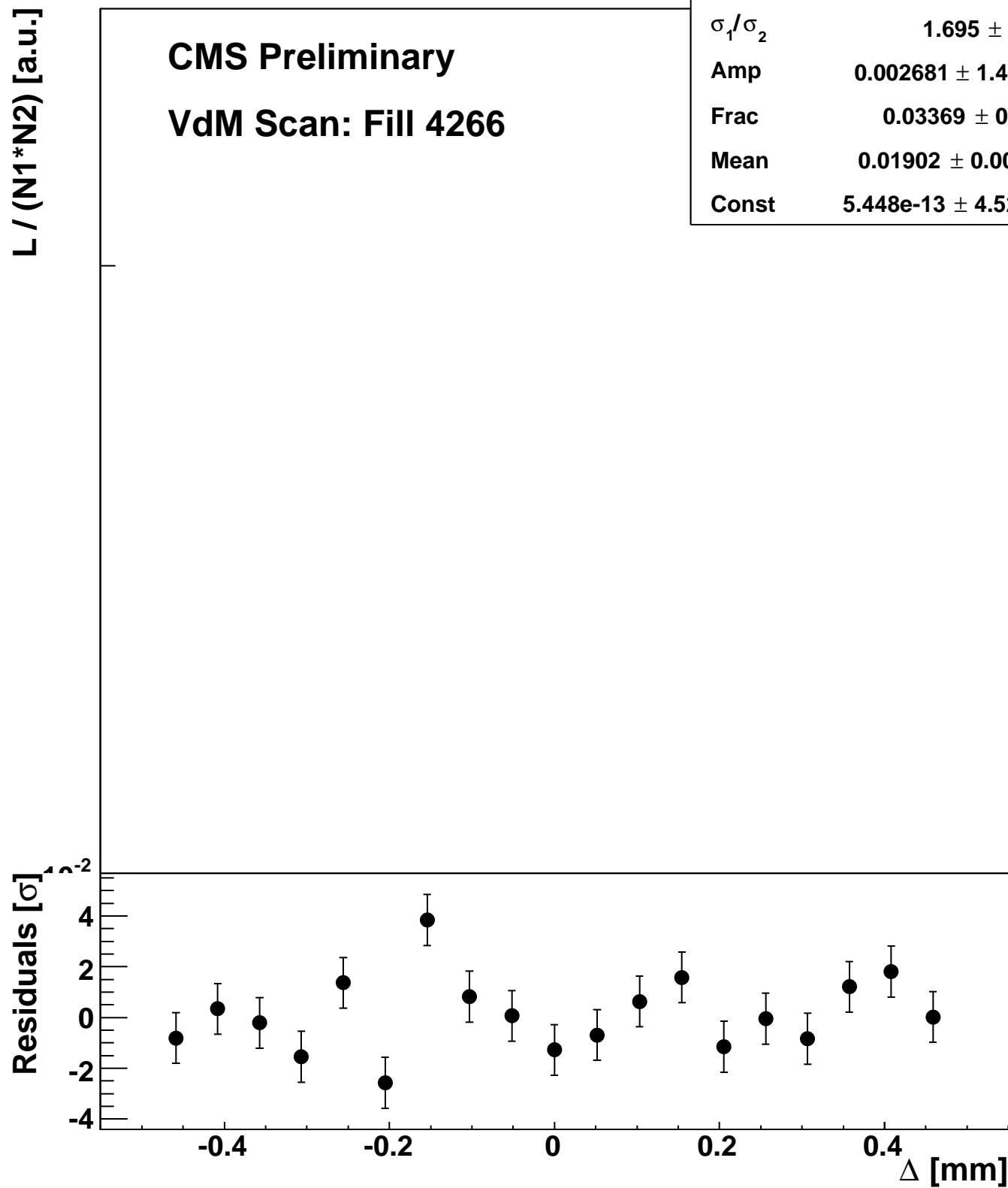
Scan 7: X-plane BCID 291

χ^2 / ndf	15.16 / 13
Σ	0.1293 ± 0.004151
σ_1 / σ_2	0.5672 ± 1.33
Amp	$0.002653 \pm 2.572\text{e-}05$
Frac	0.9851 ± 0.1185
Mean	0.01821 ± 0.0005384
Const	$3.853\text{e-}06 \pm 4.736\text{e-}05$

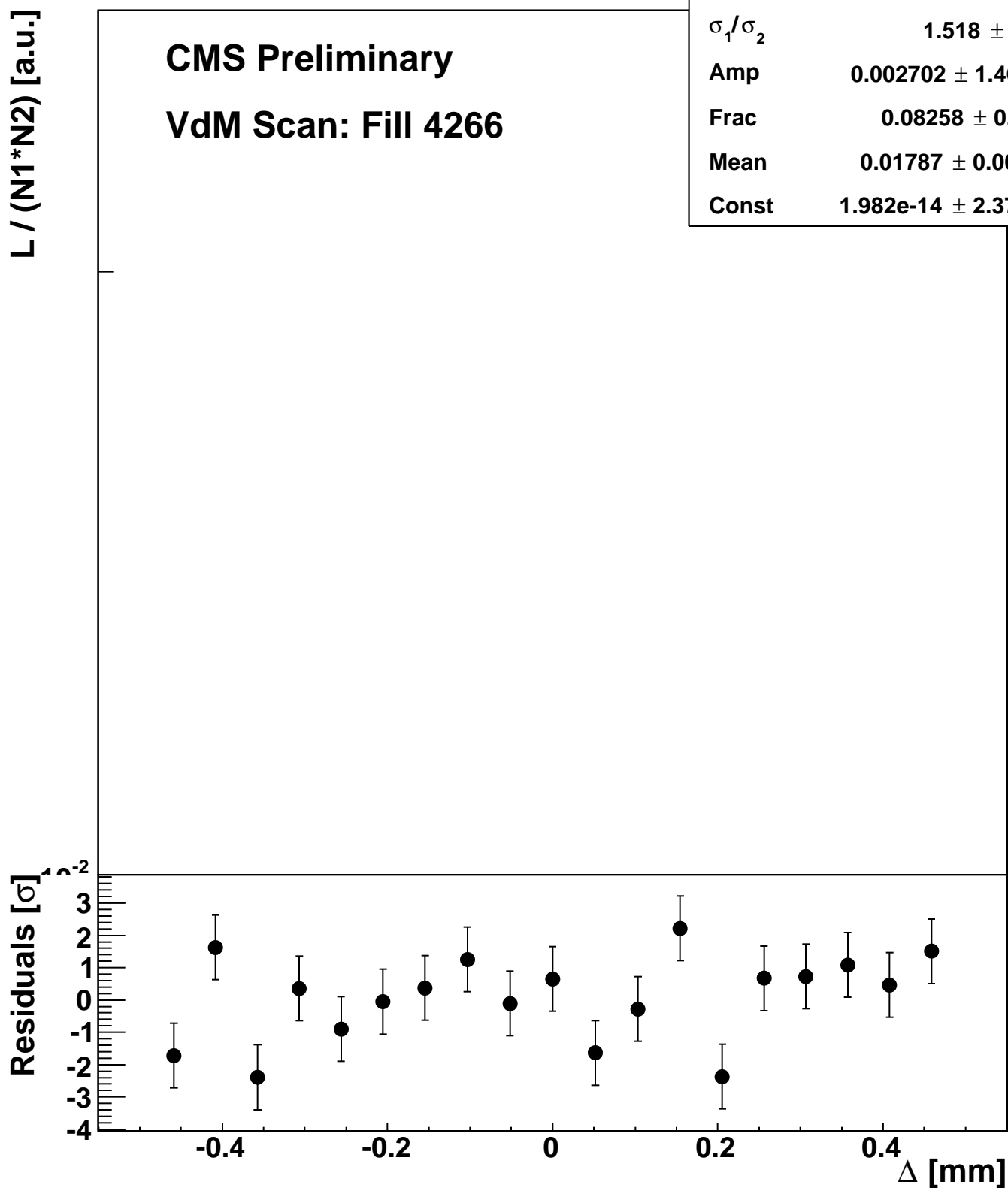


Scan 7: X-plane BCID 51

χ^2 / ndf	38.86 / 13
Σ	0.1296 ± 0.0004847
σ_1 / σ_2	1.695 ± 0.2589
Amp	$0.002681 \pm 1.429\text{e-}05$
Frac	0.03369 ± 0.02505
Mean	0.01902 ± 0.0005204
Const	$5.448\text{e-}13 \pm 4.529\text{e-}06$



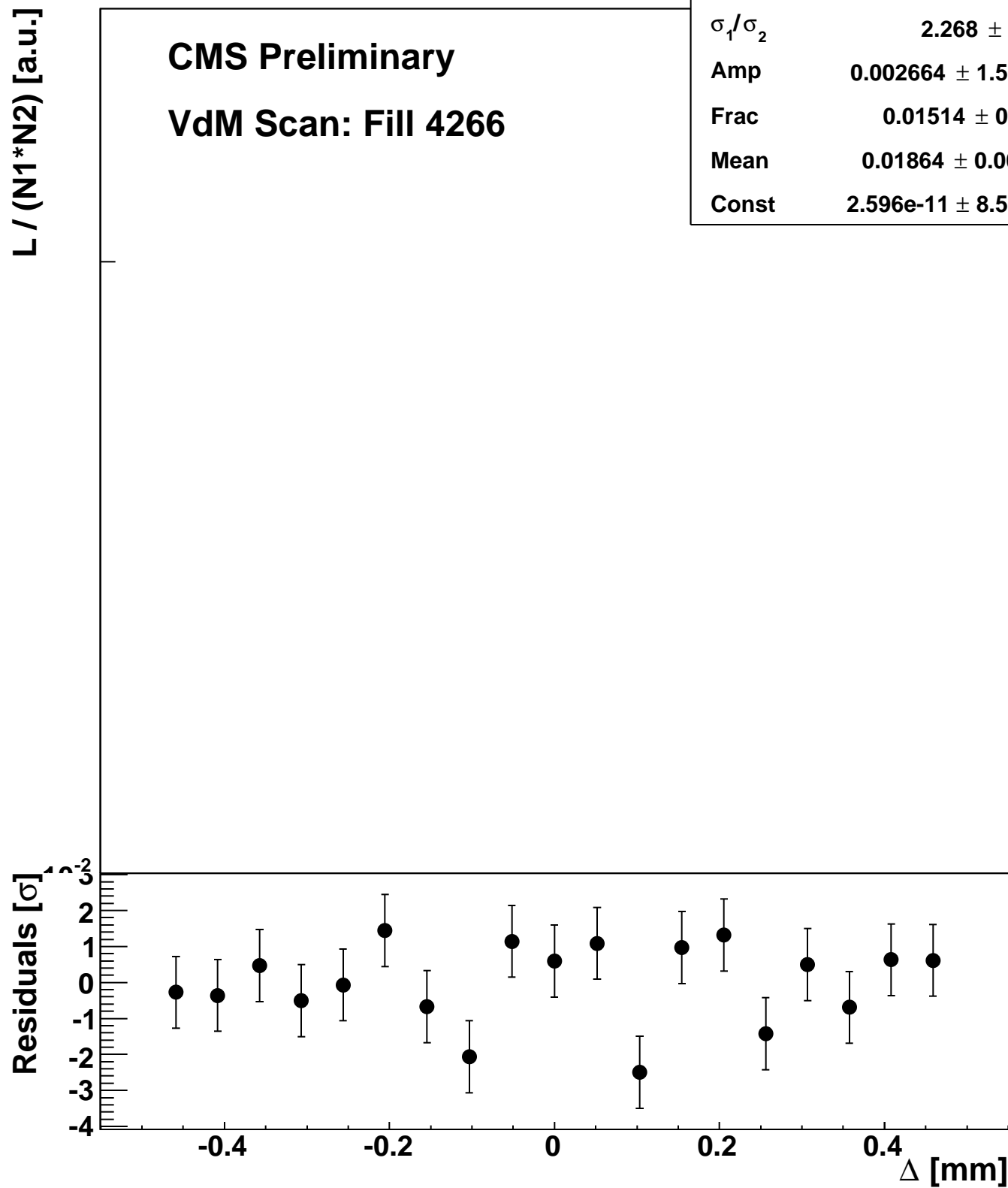
Scan 7: X-plane BCID 771



χ^2 / ndf	32.32 / 13
Σ	0.1281 ± 0.0004997
σ_1 / σ_2	1.518 ± 0.1141
Amp	$0.002702 \pm 1.468\text{e-}05$
Frac	0.08258 ± 0.04447
Mean	0.01787 ± 0.0004971
Const	$1.982\text{e-}14 \pm 2.379\text{e-}06$

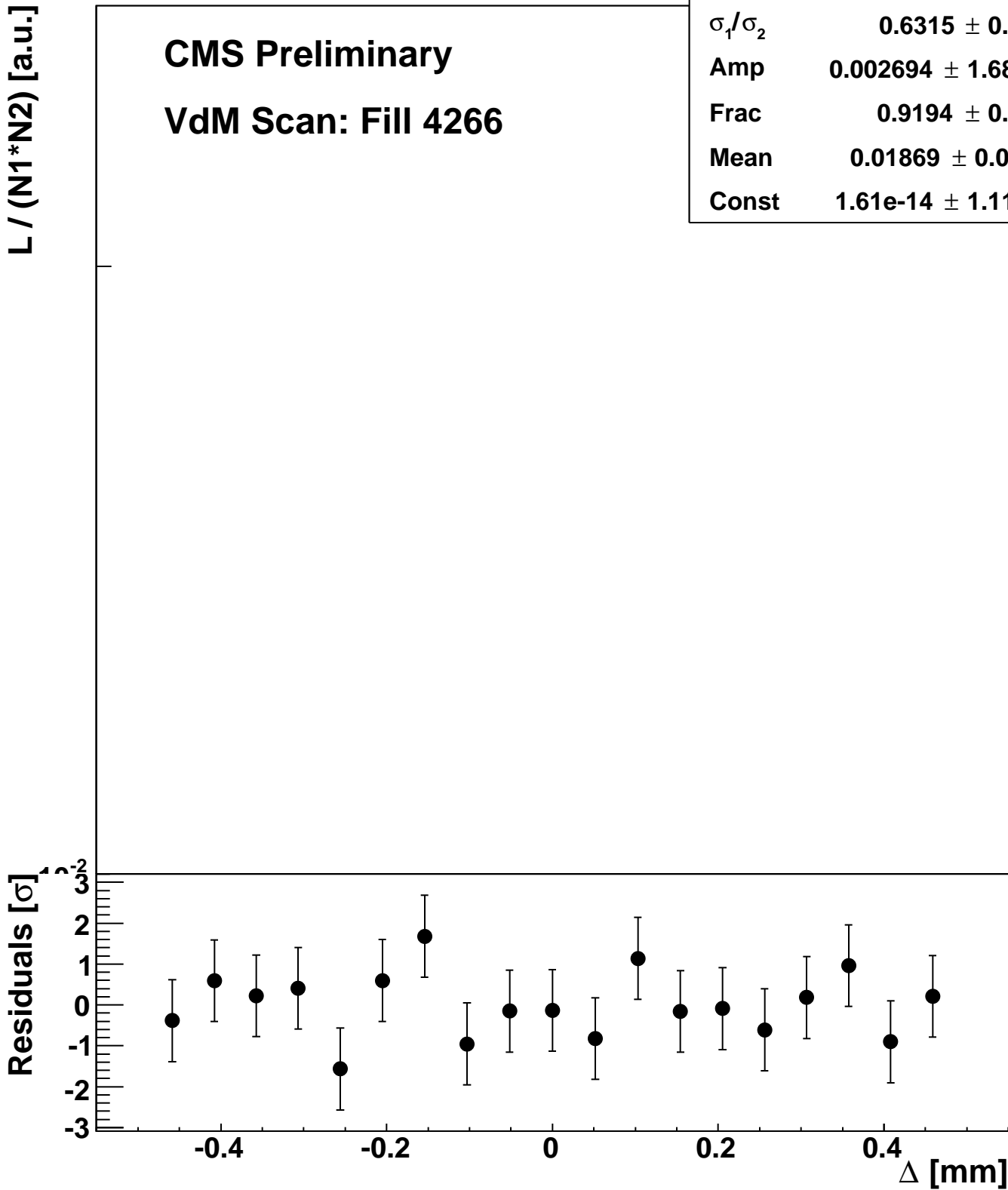
Scan 7: X-plane BCID 811

χ^2 / ndf	22.75 / 13
Σ	0.129 ± 0.0006304
σ_1 / σ_2	2.268 ± 0.6178
Amp	$0.002664 \pm 1.515\text{e-}05$
Frac	0.01514 ± 0.01038
Mean	0.01864 ± 0.0005171
Const	$2.596\text{e-}11 \pm 8.543\text{e-}05$



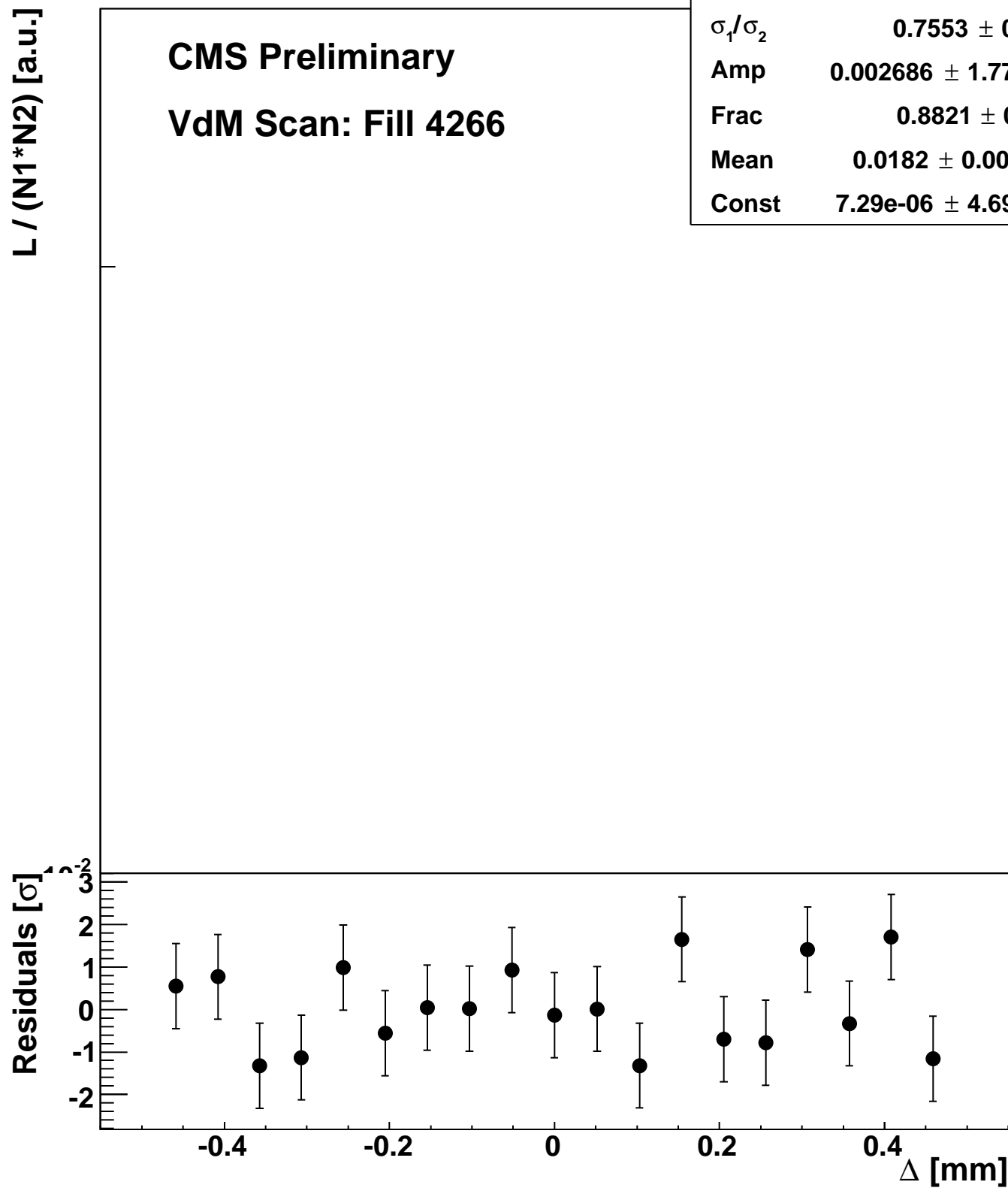
Scan 7: X-plane BCID 851

χ^2 / ndf	11.48 / 13
Σ	0.1281 ± 0.0005381
σ_1 / σ_2	0.6315 ± 0.05282
Amp	$0.002694 \pm 1.685\text{e-}05$
Frac	0.9194 ± 0.04232
Mean	0.01869 ± 0.000487
Const	$1.61\text{e-}14 \pm 1.114\text{e-}05$



Scan 7: X-plane BCID 891

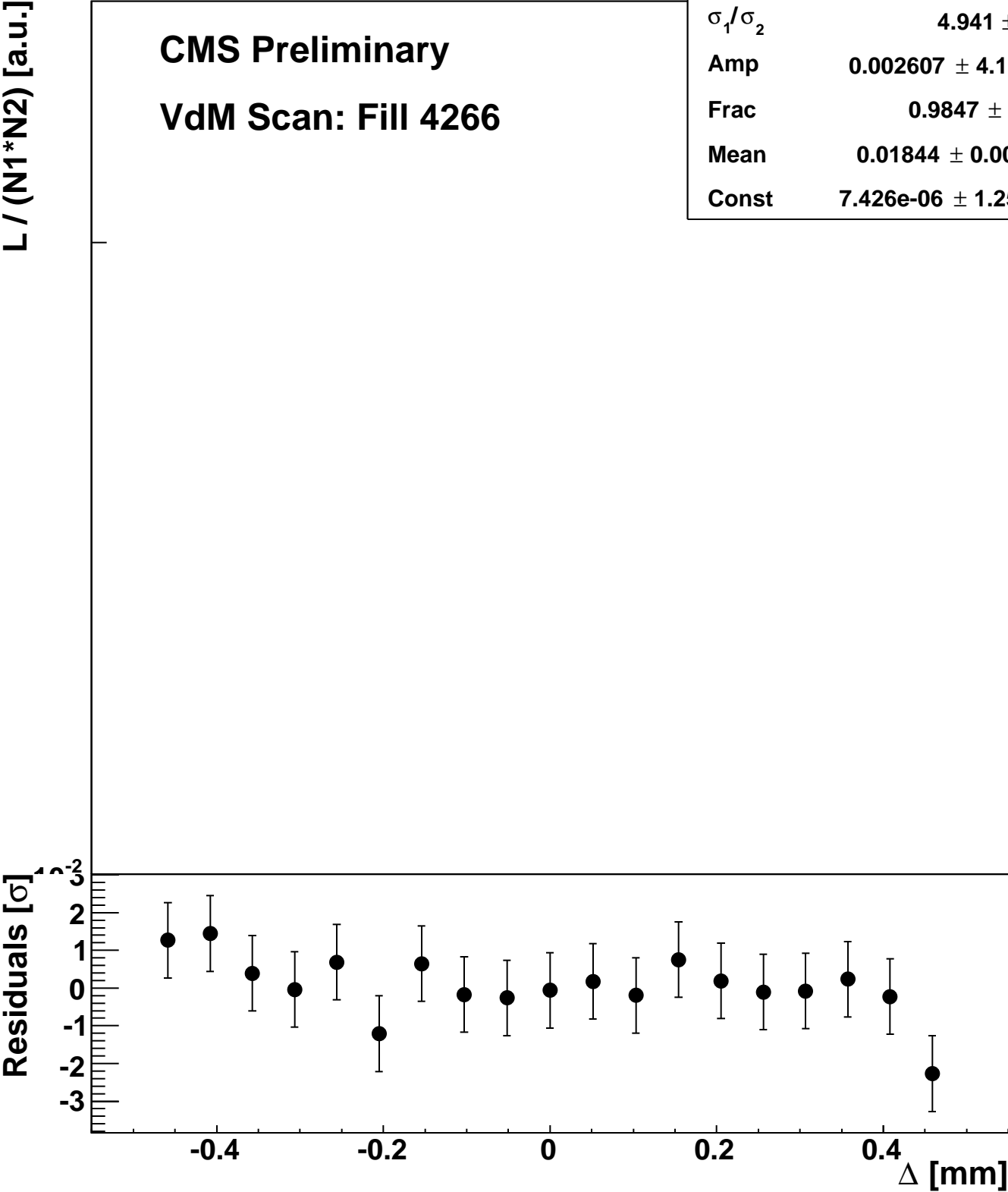
χ^2 / ndf	18 / 13
Σ	0.128 ± 0.0008154
σ_1 / σ_2	0.7553 ± 0.1948
Amp	$0.002686 \pm 1.778\text{e-}05$
Frac	0.8821 ± 0.2246
Mean	0.0182 ± 0.0005528
Const	$7.29\text{e-}06 \pm 4.692\text{e-}06$



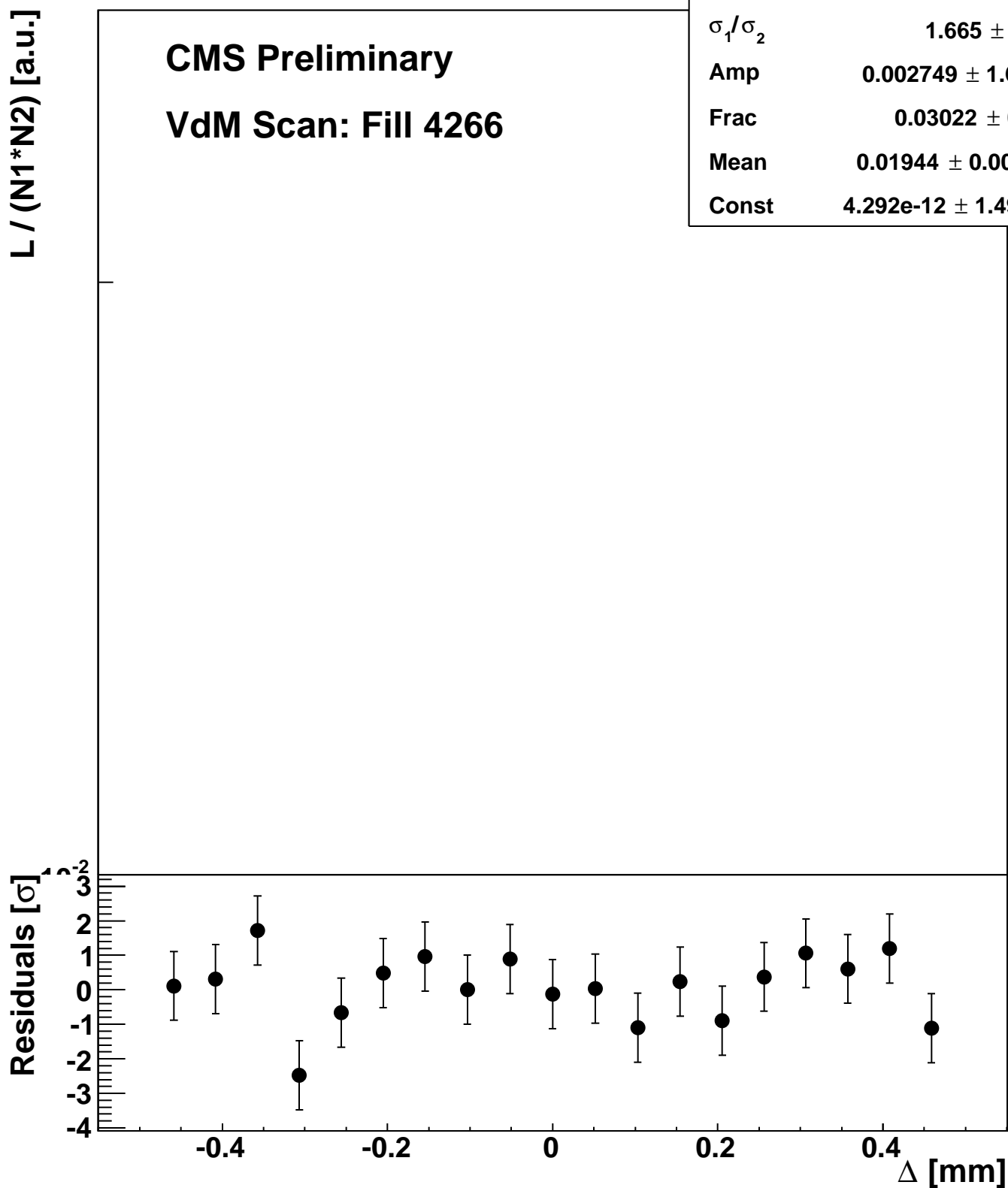
Scan 7: X-plane BCID 91

χ^2 / ndf	12.23 / 13
Σ	0.1295 ± 0.002022
σ_1 / σ_2	4.941 ± 7.132
Amp	$0.002607 \pm 4.189\text{e-}05$
Frac	0.9847 ± 0.0176
Mean	0.01844 ± 0.0005446
Const	$7.426\text{e-}06 \pm 1.253\text{e-}06$

CMS Preliminary
VdM Scan: Fill 4266

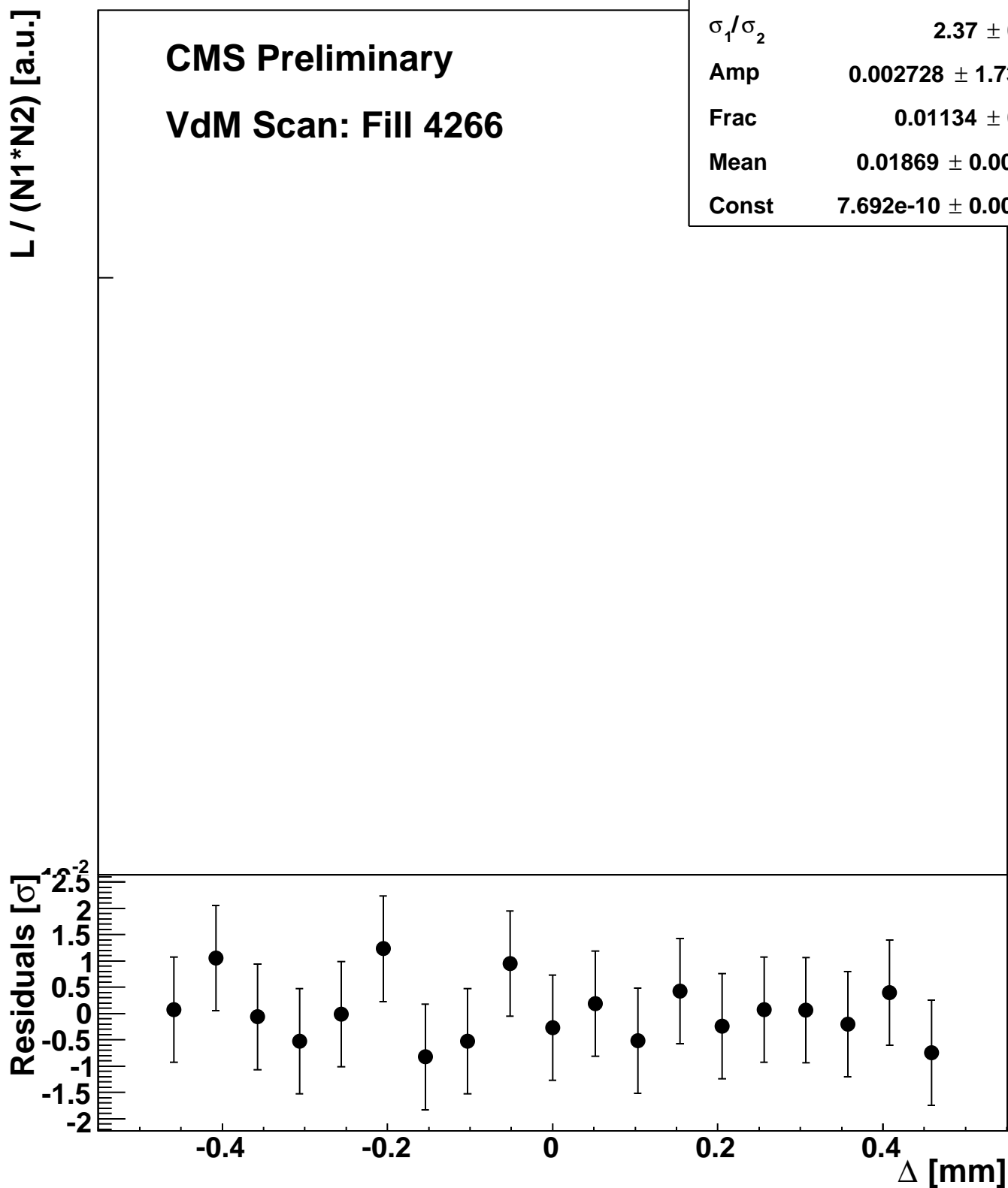


Scan 7: X-plane BCID 931



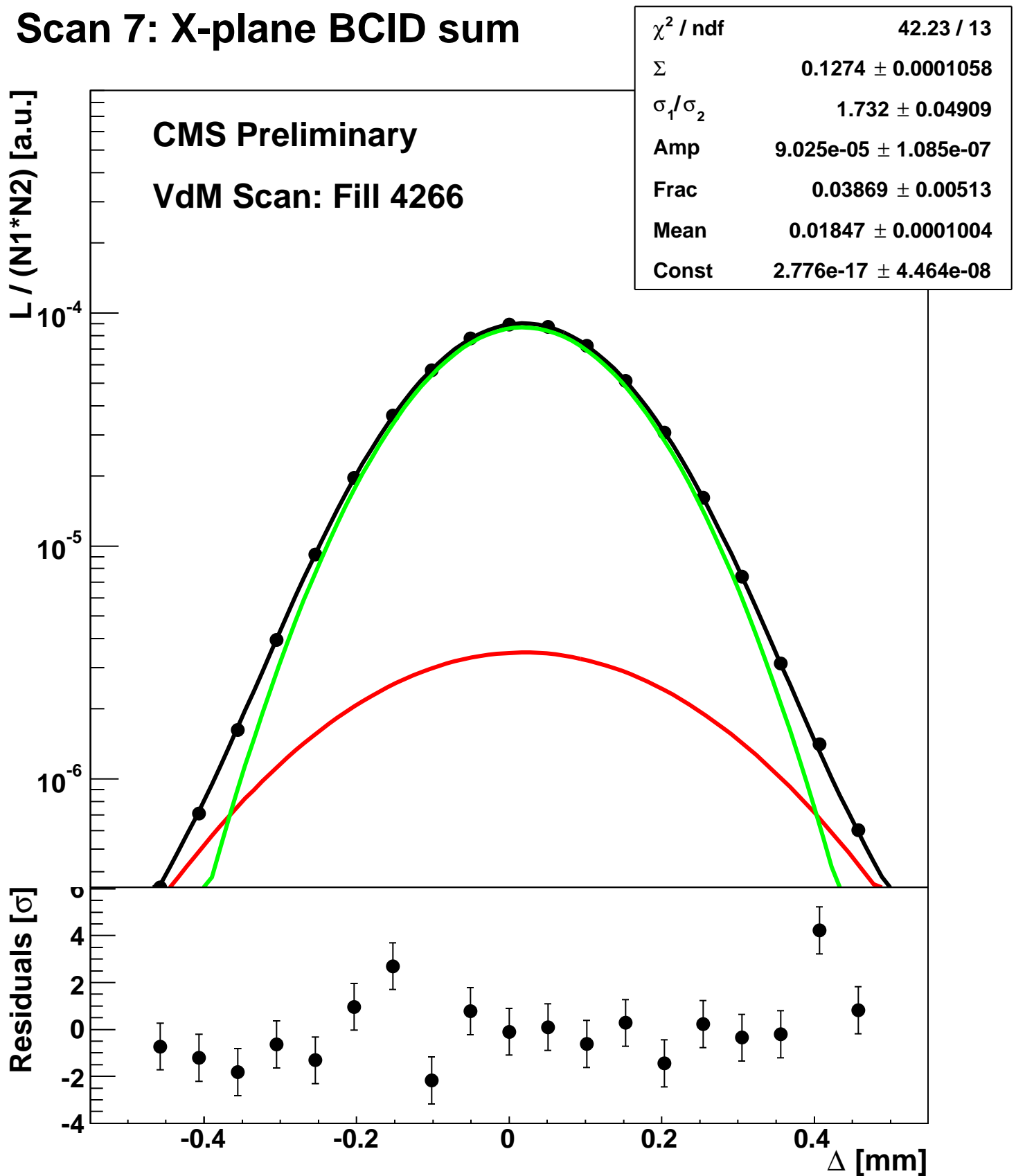
χ^2 / ndf	17.9 / 13
Σ	0.1272 ± 0.0004964
σ_1 / σ_2	1.665 ± 0.2311
Amp	$0.002749 \pm 1.68\text{e-}05$
Frac	0.03022 ± 0.0219
Mean	0.01944 ± 0.0005289
Const	$4.292\text{e-}12 \pm 1.494\text{e-}05$

Scan 7: X-plane BCID 971



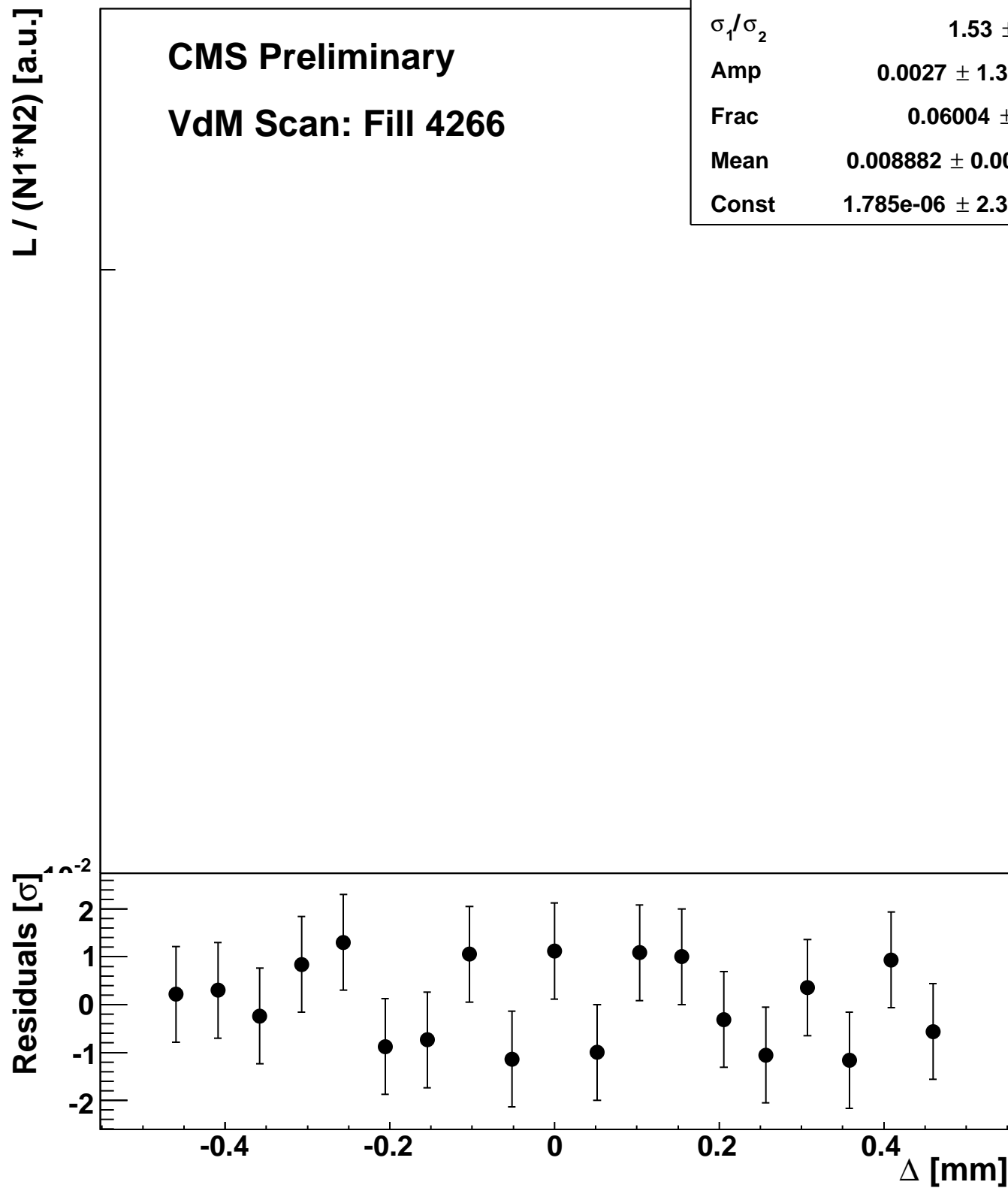
χ^2 / ndf	6.163 / 13
Σ	0.1281 ± 0.0007399
σ_1 / σ_2	2.37 ± 0.9287
Amp	$0.002728 \pm 1.736\text{e-}05$
Frac	0.01134 ± 0.0102
Mean	0.01869 ± 0.0005432
Const	$7.692\text{e-}10 \pm 0.0003343$

Scan 7: X-plane BCID sum

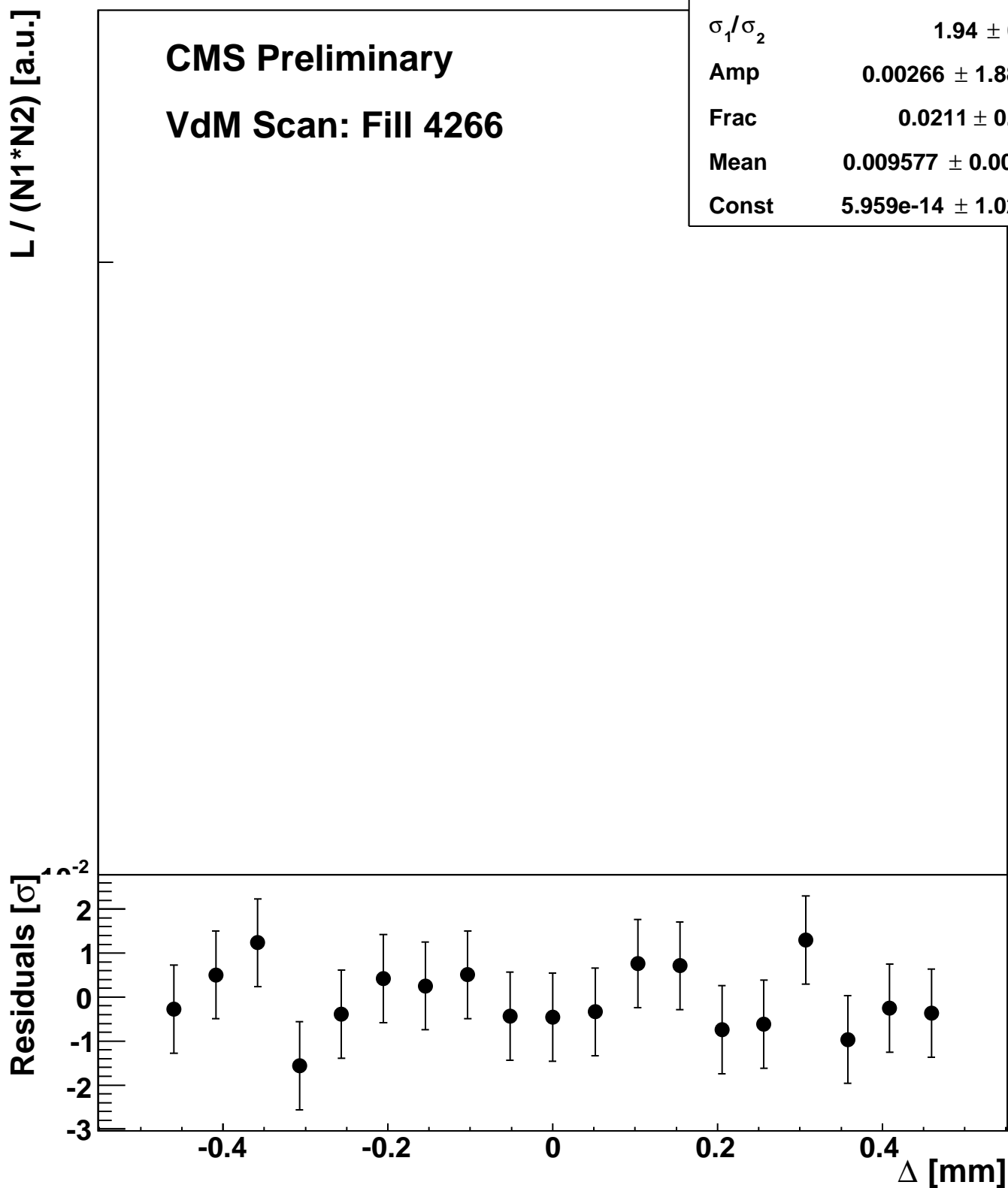


Scan 8: Y-plane BCID 1011

χ^2 / ndf	14.6 / 13
Σ	0.1157 ± 0.002207
σ_1 / σ_2	1.53 ± 1.285
Amp	$0.0027 \pm 1.337\text{e-}05$
Frac	0.06004 ± 0.504
Mean	0.008882 ± 0.0005478
Const	$1.785\text{e-}06 \pm 2.384\text{e-}05$



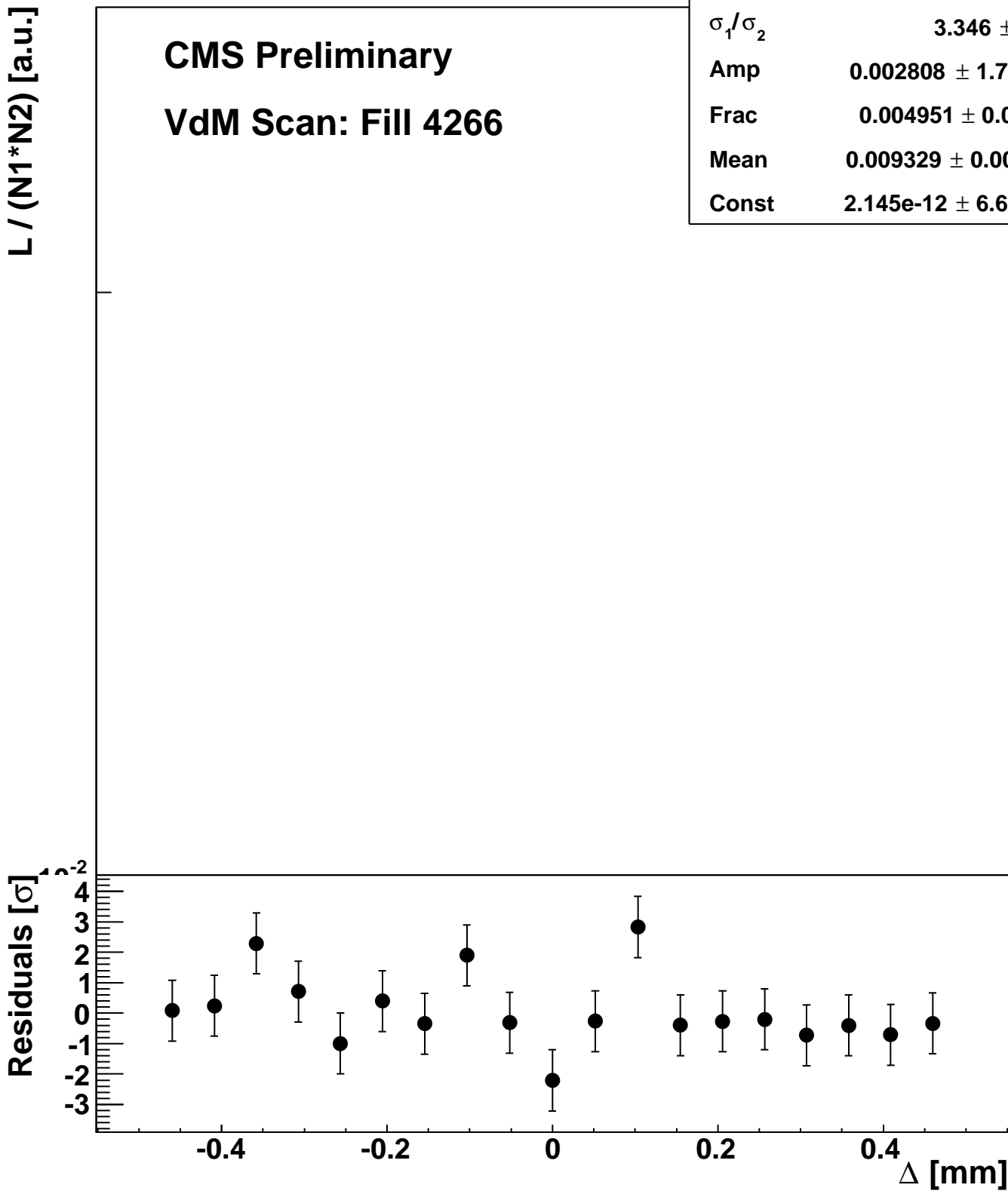
Scan 8: Y-plane BCID 131



χ^2 / ndf	10.25 / 13
Σ	0.1161 ± 0.0005483
σ_1 / σ_2	1.94 ± 0.3274
Amp	$0.00266 \pm 1.889\text{e-}05$
Frac	0.0211 ± 0.01412
Mean	0.009577 ± 0.0005478
Const	$5.959\text{e-}14 \pm 1.029\text{e-}05$

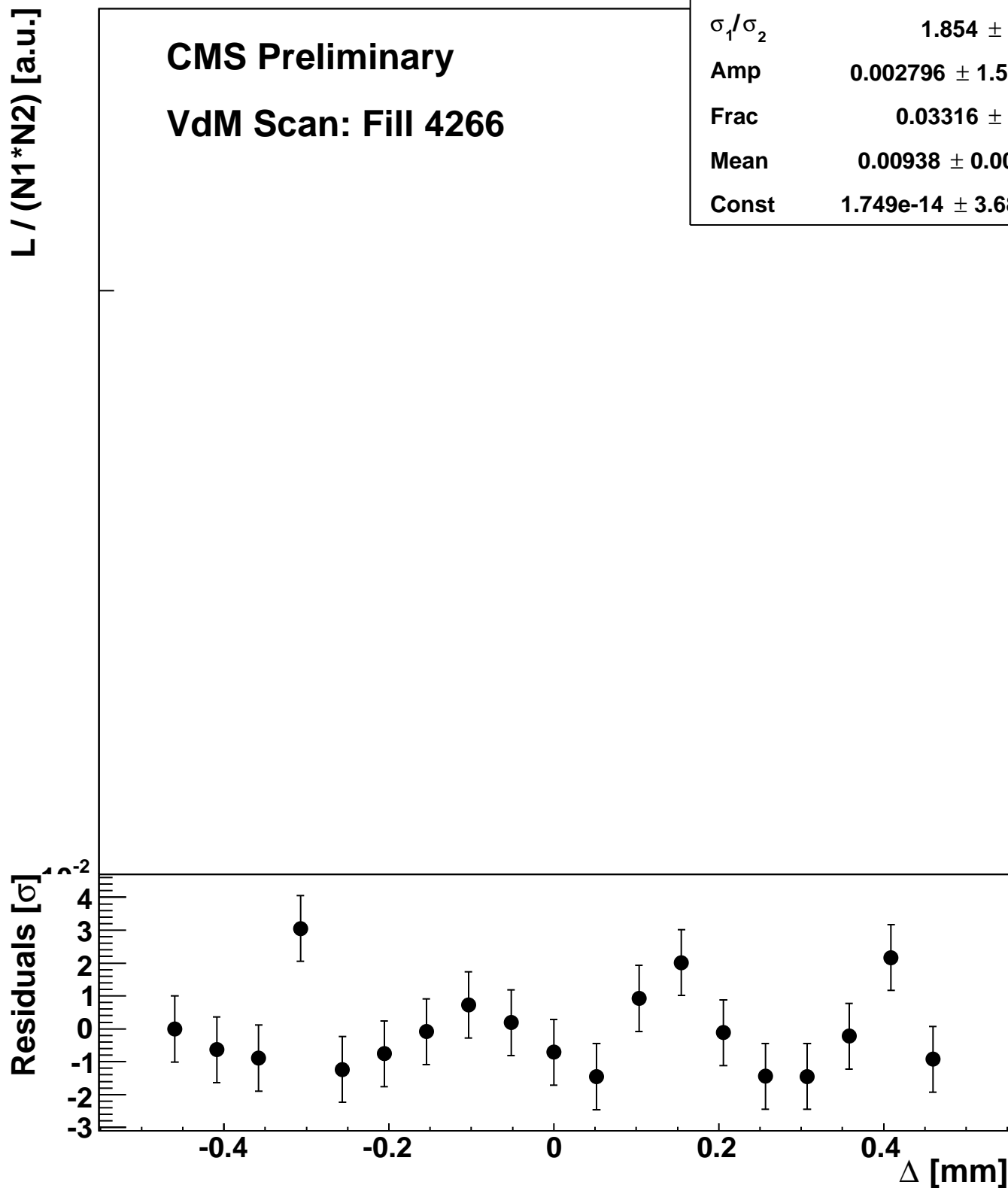
Scan 8: Y-plane BCID 1631

χ^2 / ndf	25.29 / 13
Σ	0.1136 ± 0.0006296
σ_1 / σ_2	3.346 ± 1.657
Amp	$0.002808 \pm 1.703\text{e-}05$
Frac	0.004951 ± 0.003227
Mean	0.009329 ± 0.0005067
Const	$2.145\text{e-}12 \pm 6.653\text{e-}05$



Scan 8: Y-plane BCID 1671

χ^2 / ndf	30.48 / 13
Σ	0.1147 ± 0.0004543
σ_1 / σ_2	1.854 ± 0.1556
Amp	$0.002796 \pm 1.562\text{e-}05$
Frac	0.03316 ± 0.0128
Mean	0.00938 ± 0.0004893
Const	$1.749\text{e-}14 \pm 3.682\text{e-}06$

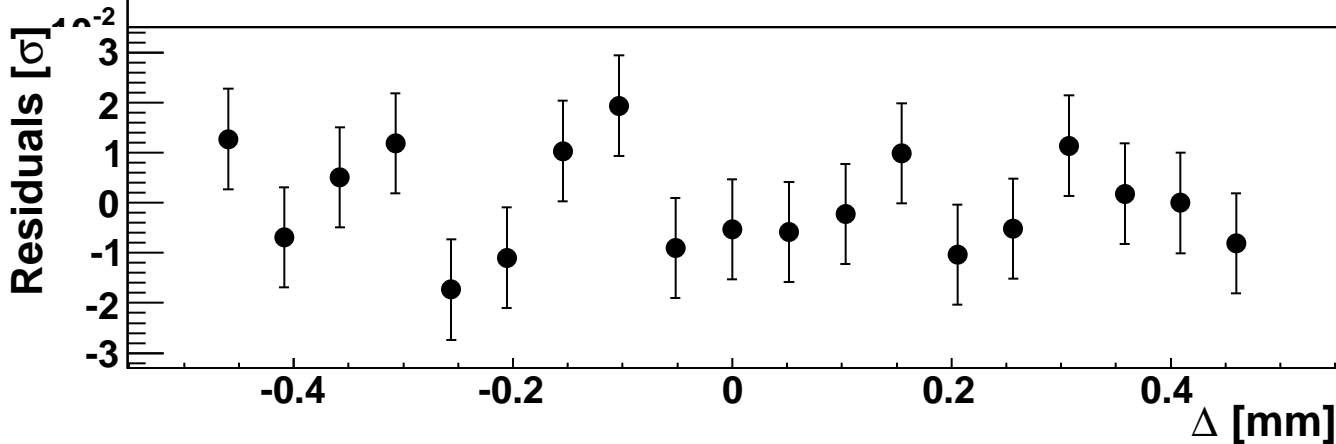


Scan 8: Y-plane BCID 1711

L / (N1*N2) [a.u.]

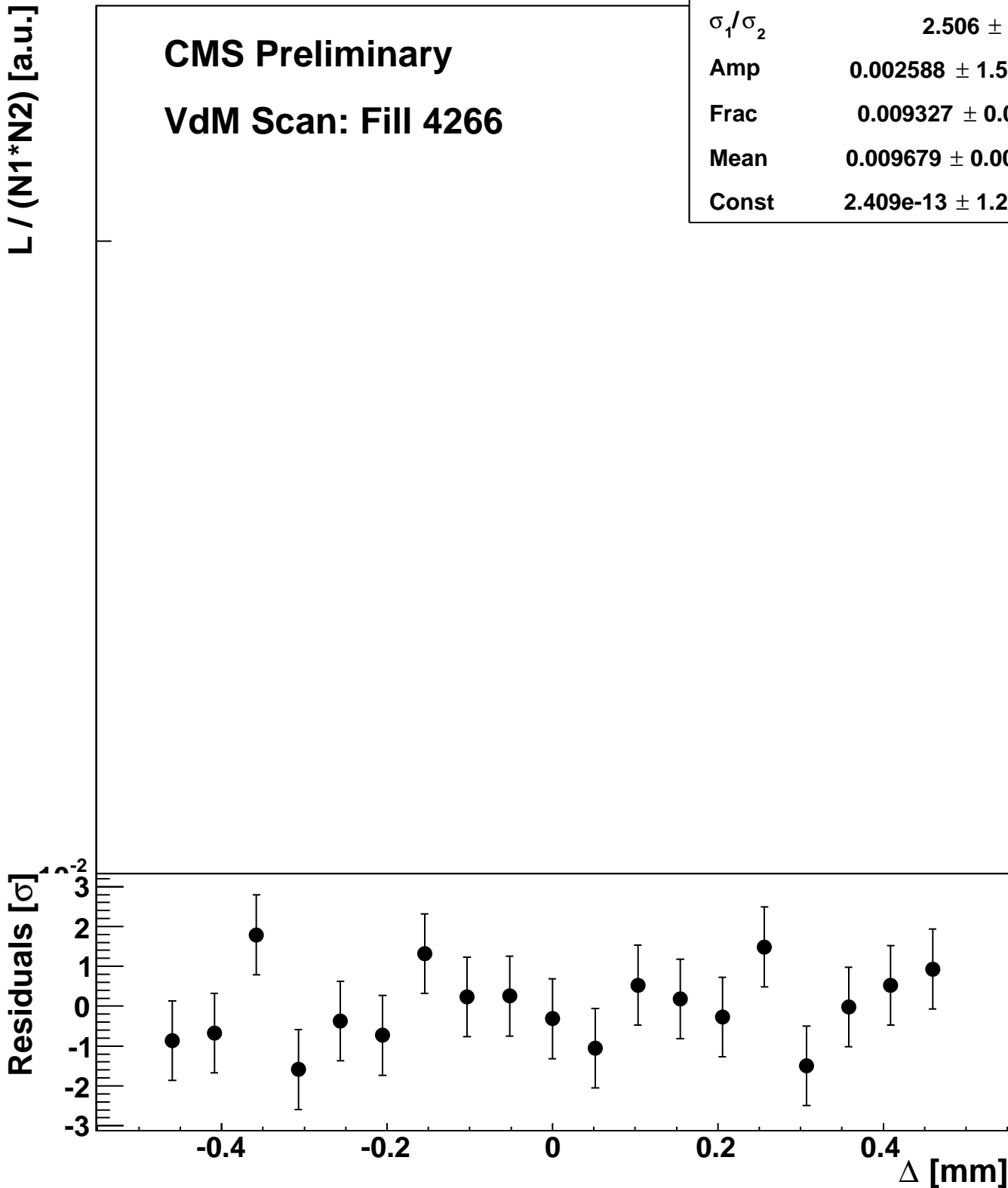
CMS Preliminary
VdM Scan: Fill 4266

χ^2 / ndf	18.57 / 13
Σ	0.1143 ± 0.0005206
σ_1 / σ_2	0.5357 ± 0.06826
Amp	$0.002781 \pm 1.913\text{e-}05$
Frac	0.9724 ± 0.01512
Mean	0.01037 ± 0.0005189
Const	$6.365\text{e-}13 \pm 2.115\text{e-}05$



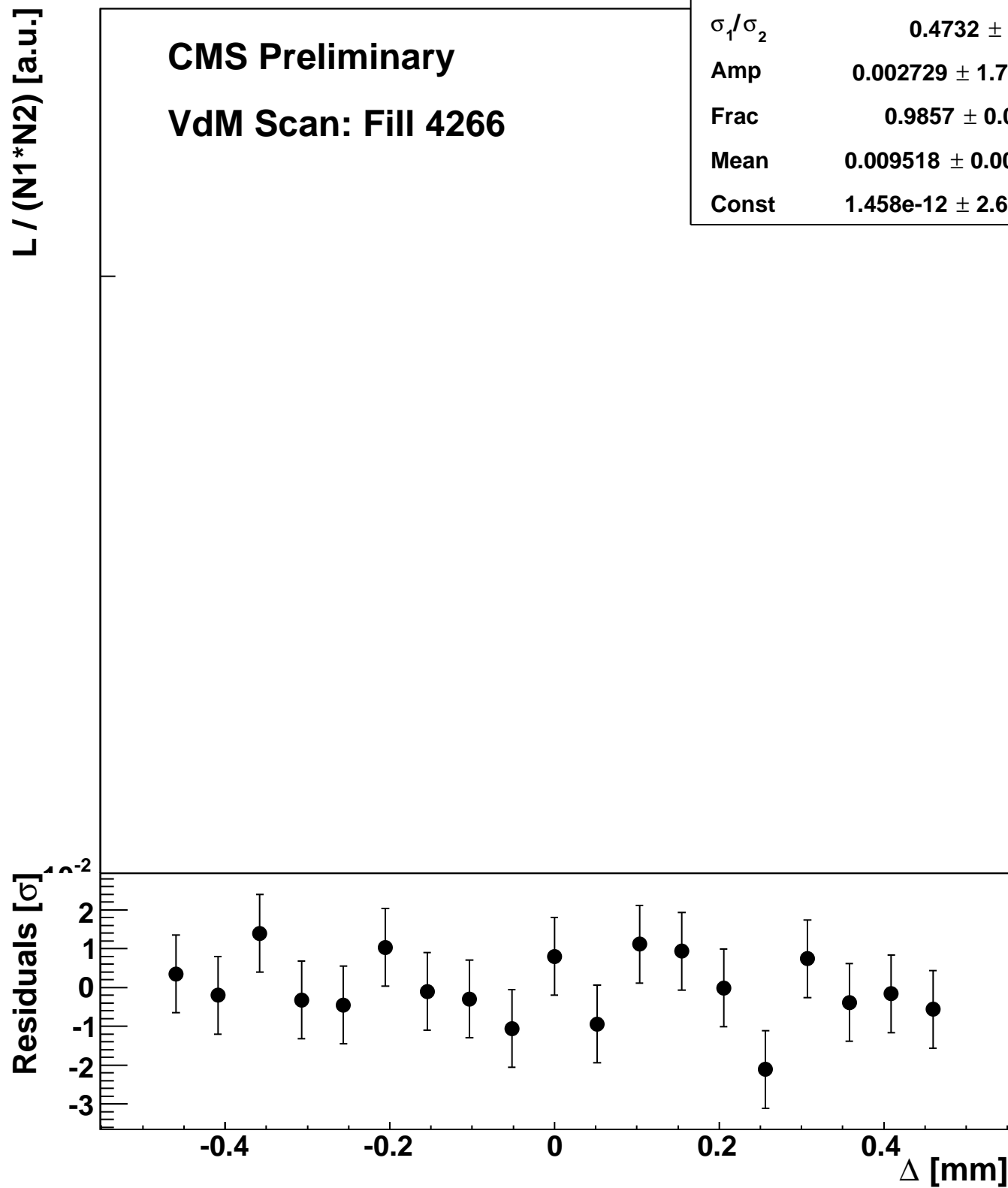
Scan 8: Y-plane BCID 171

χ^2 / ndf	16.64 / 13
Σ	0.118 ± 0.0005506
σ_1 / σ_2	2.506 ± 0.7375
Amp	$0.002588 \pm 1.579\text{e-}05$
Frac	0.009327 ± 0.006003
Mean	0.009679 ± 0.0005238
Const	$2.409\text{e-}13 \pm 1.261\text{e-}05$



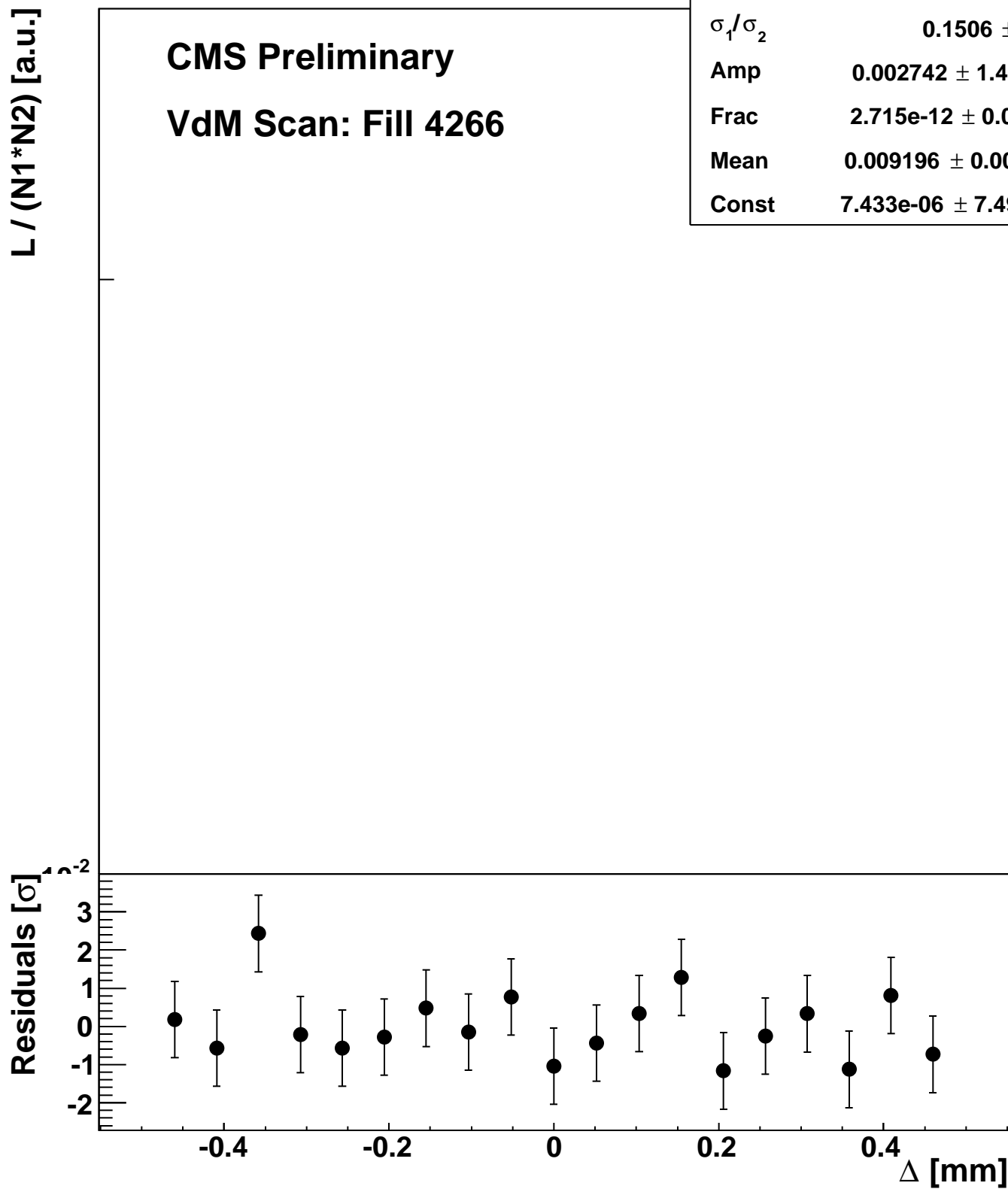
Scan 8: Y-plane BCID 1751

χ^2 / ndf	13.83 / 13
Σ	0.115 ± 0.0005048
σ_1 / σ_2	0.4732 ± 0.1004
Amp	$0.002729 \pm 1.733\text{e-}05$
Frac	0.9857 ± 0.009783
Mean	0.009518 ± 0.0004995
Const	$1.458\text{e-}12 \pm 2.603\text{e-}05$



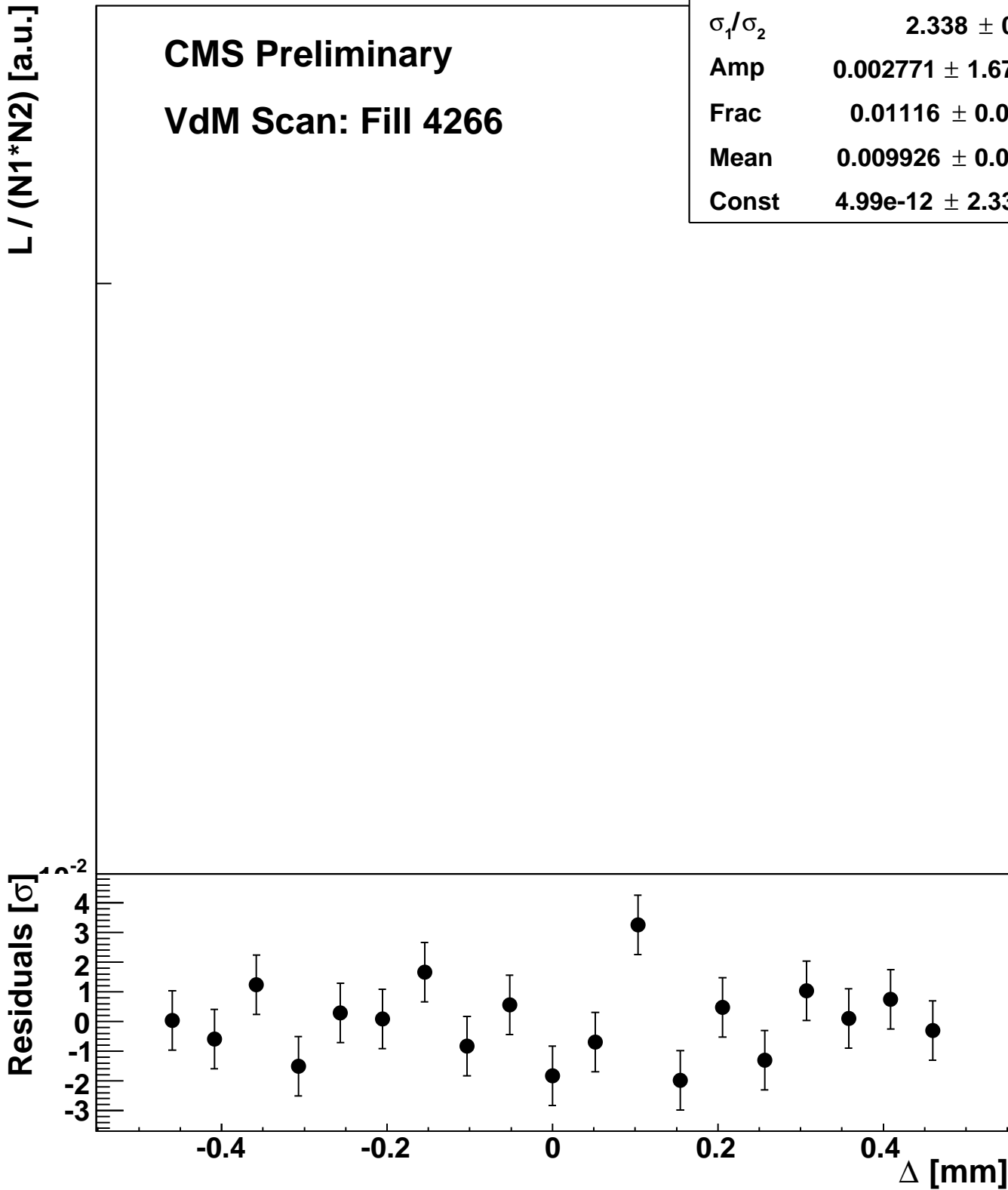
Scan 8: Y-plane BCID 1791

χ^2 / ndf	14.6 / 13
Σ	0.114 ± 0.0003707
σ_1 / σ_2	0.1506 ± 7.366
Amp	$0.002742 \pm 1.469\text{e-}05$
Frac	$2.715\text{e-}12 \pm 0.005568$
Mean	0.009196 ± 0.0004633
Const	$7.433\text{e-}06 \pm 7.497\text{e-}07$

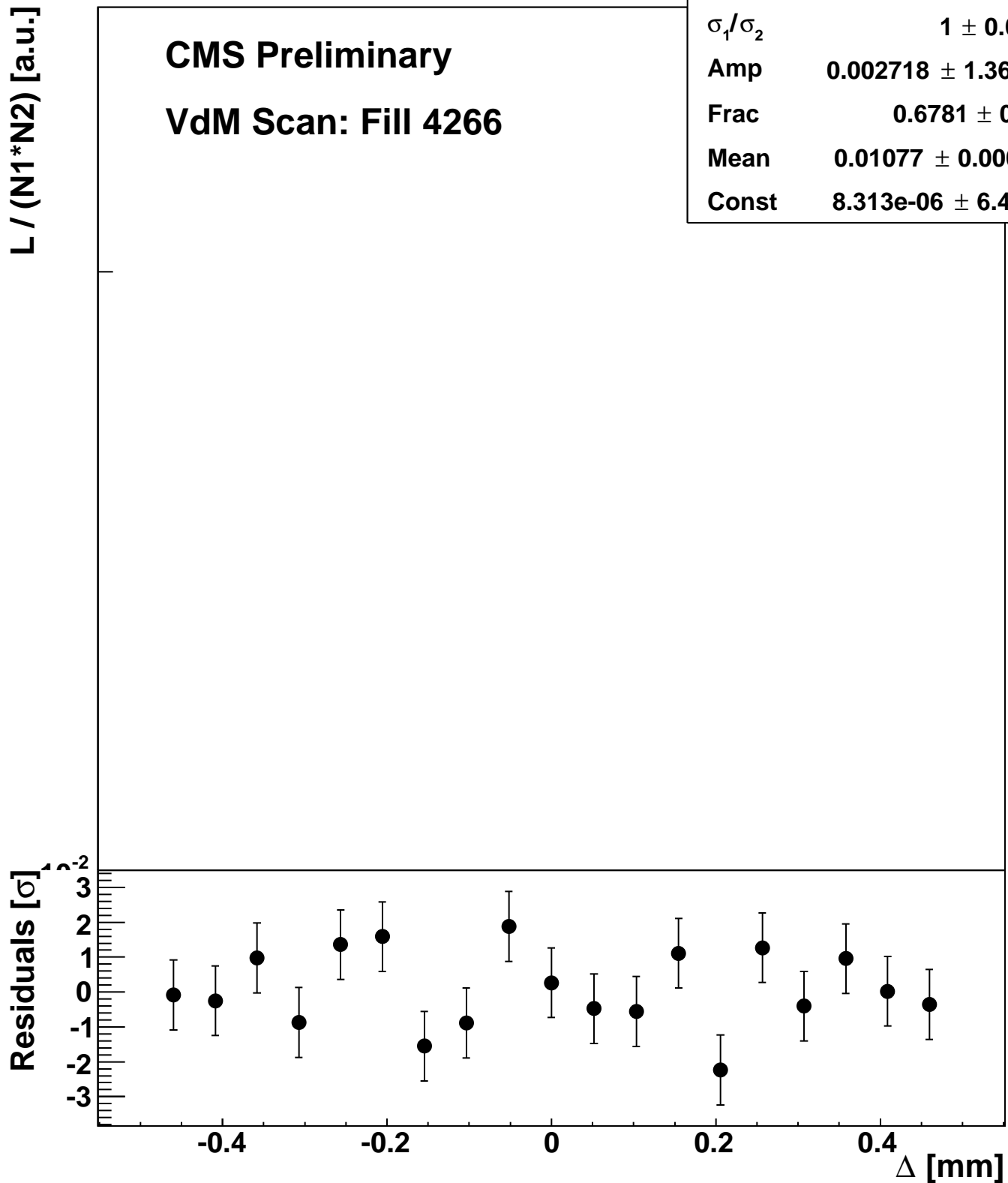


Scan 8: Y-plane BCID 1831

χ^2 / ndf	29.99 / 13
Σ	0.1143 ± 0.0005161
σ_1 / σ_2	2.338 ± 0.5428
Amp	$0.002771 \pm 1.672\text{e-}05$
Frac	0.01116 ± 0.006979
Mean	0.009926 ± 0.000475
Const	$4.99\text{e-}12 \pm 2.338\text{e-}05$



Scan 8: Y-plane BCID 1871



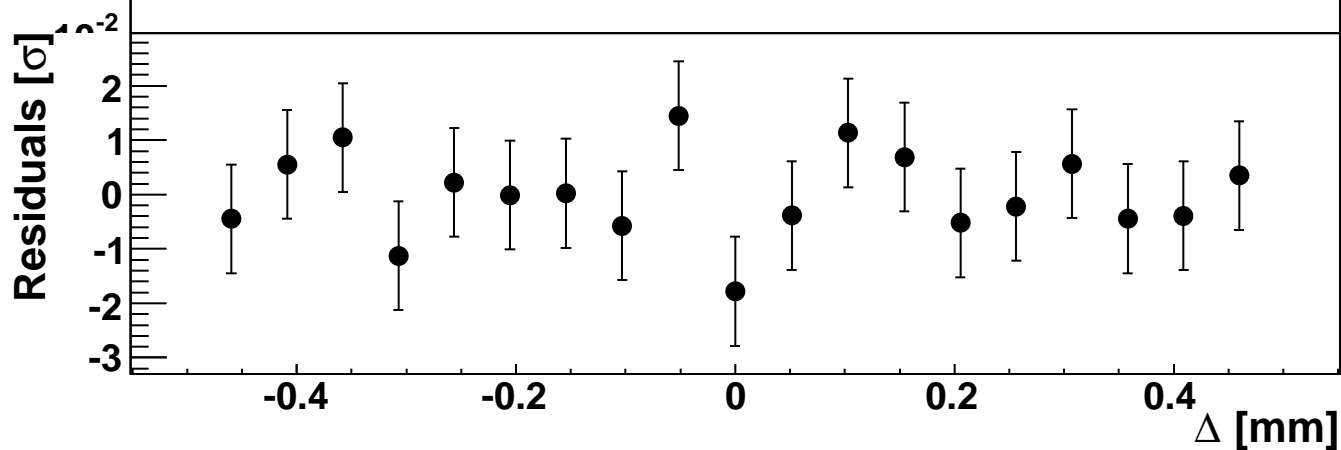
χ^2 / ndf	22.55 / 13
Σ	0.1147 ± 0.0003763
σ_1 / σ_2	1 ± 0.00182
Amp	$0.002718 \pm 1.362\text{e-}05$
Frac	0.6781 ± 0.6262
Mean	0.01077 ± 0.0002852
Const	$8.313\text{e-}06 \pm 6.44\text{e-}07$

Scan 8: Y-plane BCID 1

L / (N1*N2) [a.u.]

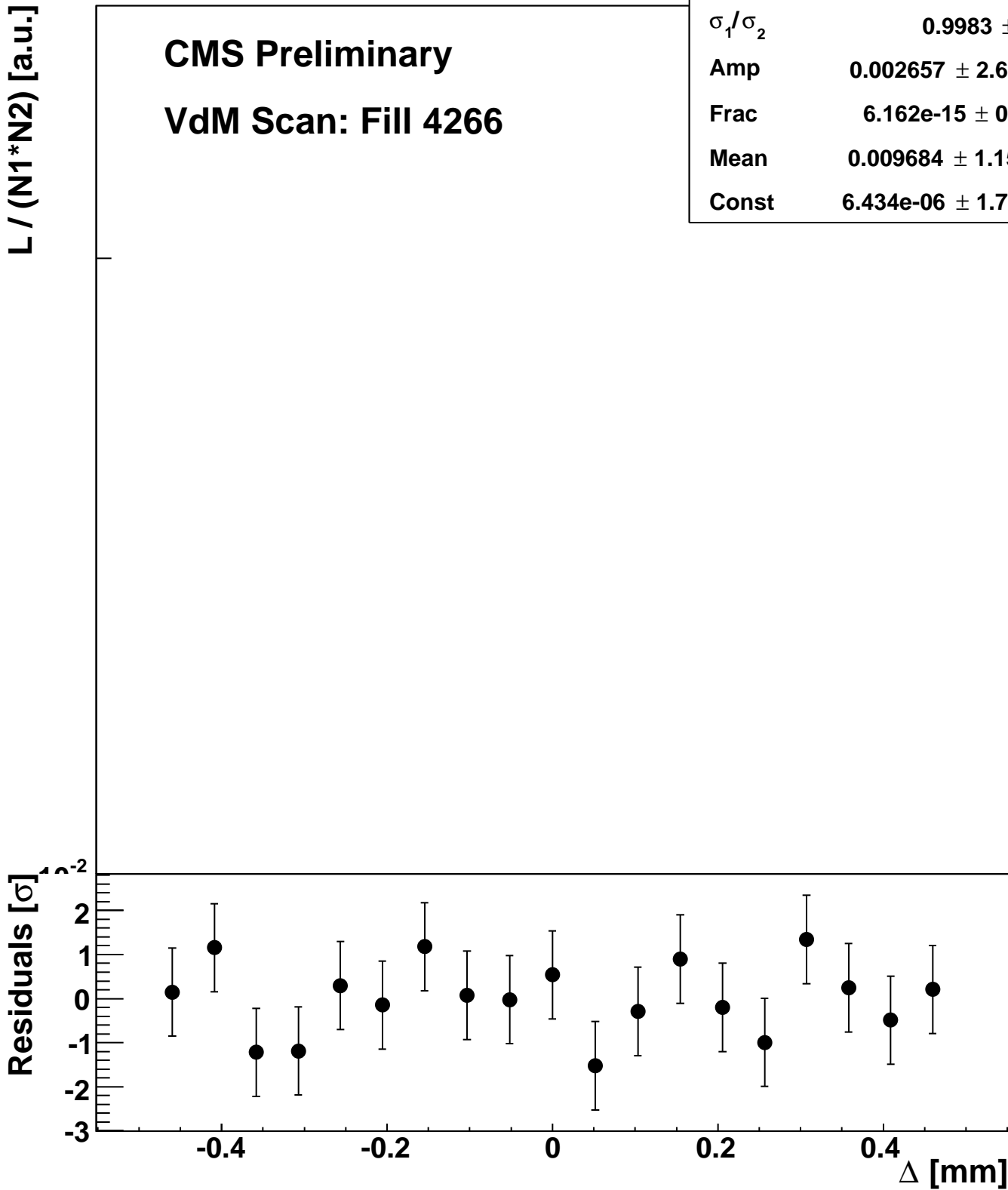
CMS Preliminary
VdM Scan: Fill 4266

χ^2 / ndf	11.54 / 13
Σ	0.1356 ± 0.0005427
σ_1 / σ_2	1 ± 0.01205
Amp	$0.002157 \pm 1.217\text{e-}05$
Frac	0.4529 ± 0.7721
Mean	0.0105 ± 0.0006056
Const	$8.831\text{e-}06 \pm 1.457\text{e-}06$



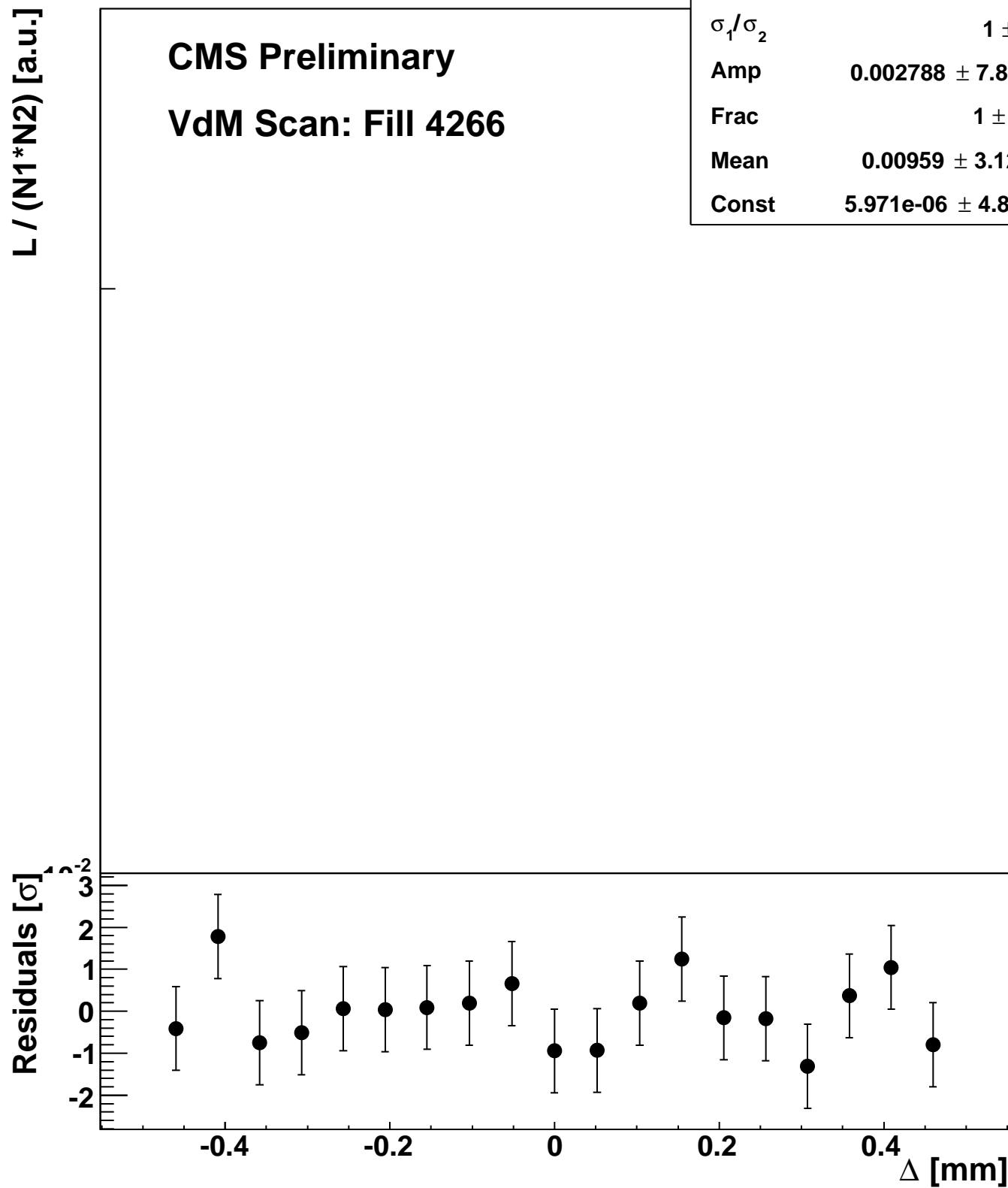
Scan 8: Y-plane BCID 211

χ^2 / ndf	12.45 / 13
Σ	$0.116 \pm 6.648\text{e-}08$
σ_1 / σ_2	0.9983 ± 9.449
Amp	$0.002657 \pm 2.614\text{e-}09$
Frac	$6.162\text{e-}15 \pm 0.01102$
Mean	$0.009684 \pm 1.159\text{e-}07$
Const	$6.434\text{e-}06 \pm 1.728\text{e-}10$

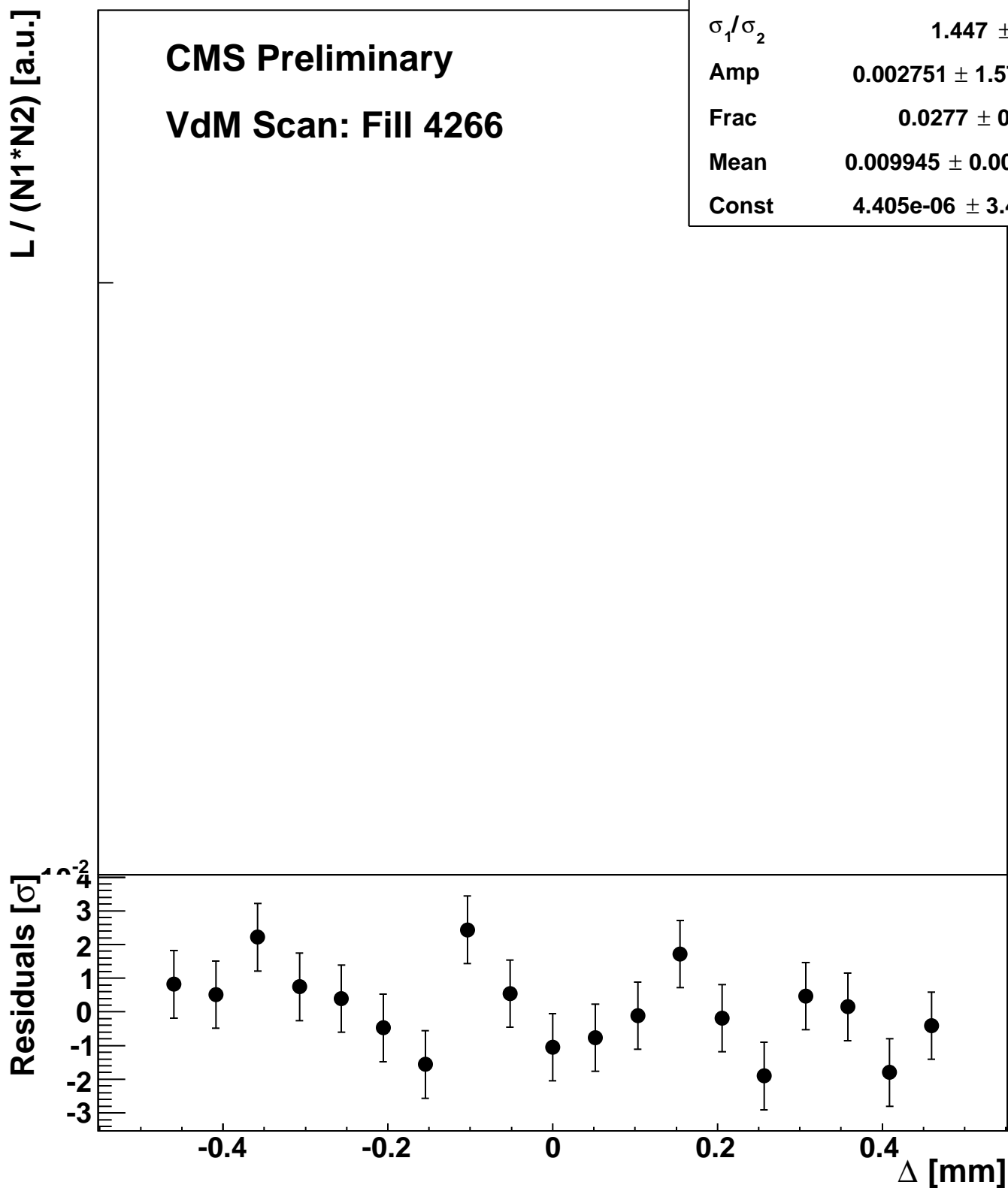


Scan 8: Y-plane BCID 2211

χ^2 / ndf	11.62 / 13
Σ	$0.1145 \pm 1.81\text{e-}08$
σ_1 / σ_2	1 ± 9.295
Amp	$0.002788 \pm 7.899\text{e-}10$
Frac	1 ± 0.7771
Mean	$0.00959 \pm 3.122\text{e-}08$
Const	$5.971\text{e-}06 \pm 4.833\text{e-}11$



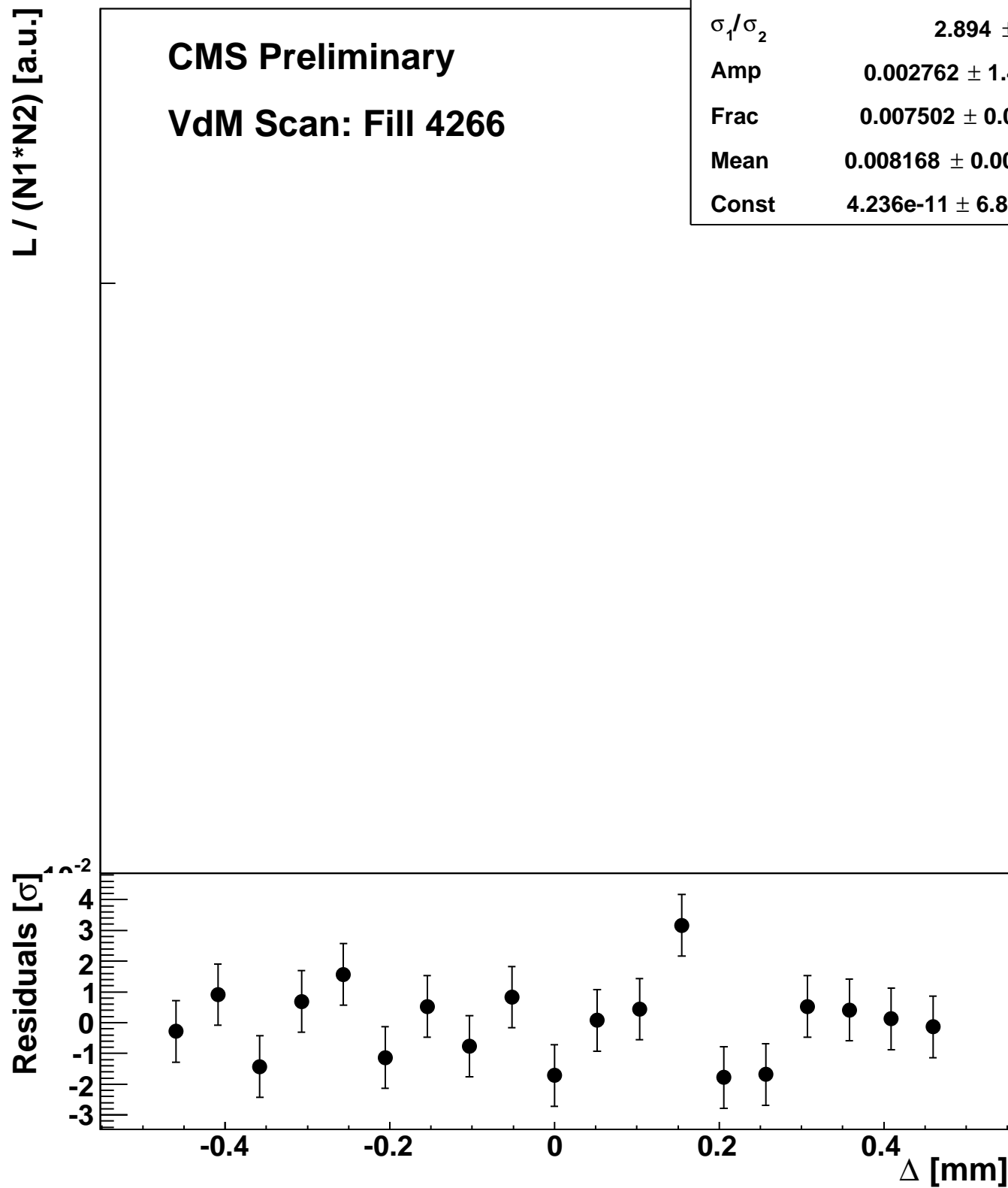
Scan 8: Y-plane BCID 2251



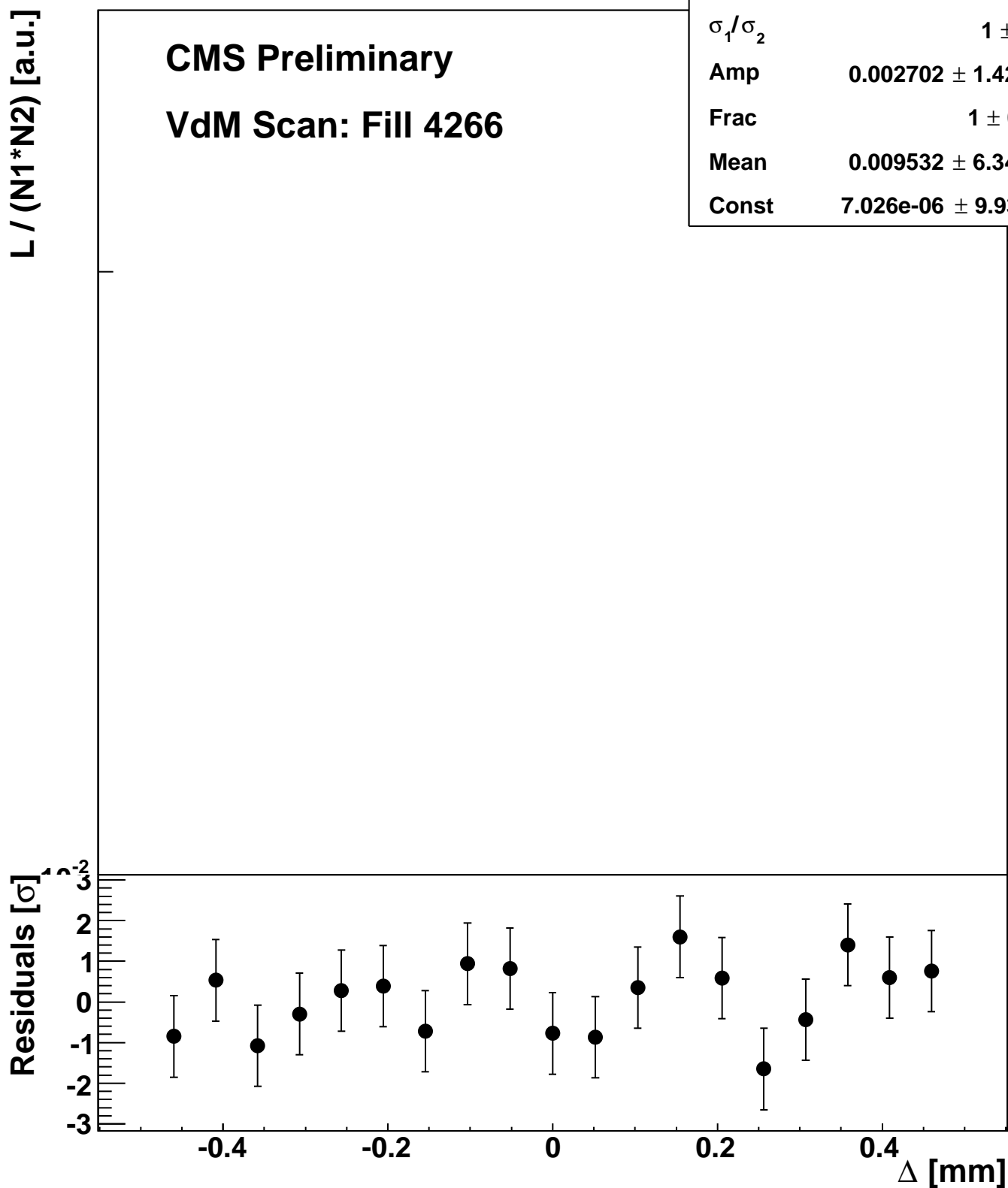
χ^2 / ndf	27.42 / 13
Σ	0.1148 ± 0.0006049
σ_1 / σ_2	1.447 ± 0.848
Amp	$0.002751 \pm 1.571\text{e-}05$
Frac	0.0277 ± 0.08511
Mean	0.009945 ± 0.0004325
Const	$4.405\text{e-}06 \pm 3.48\text{e-}06$

Scan 8: Y-plane BCID 2291

χ^2 / ndf	28.34 / 13
Σ	0.1149 ± 0.0006049
σ_1 / σ_2	2.894 ± 1.023
Amp	$0.002762 \pm 1.46\text{e-}05$
Frac	0.007502 ± 0.004625
Mean	0.008168 ± 0.0004793
Const	$4.236\text{e-}11 \pm 6.851\text{e-}05$



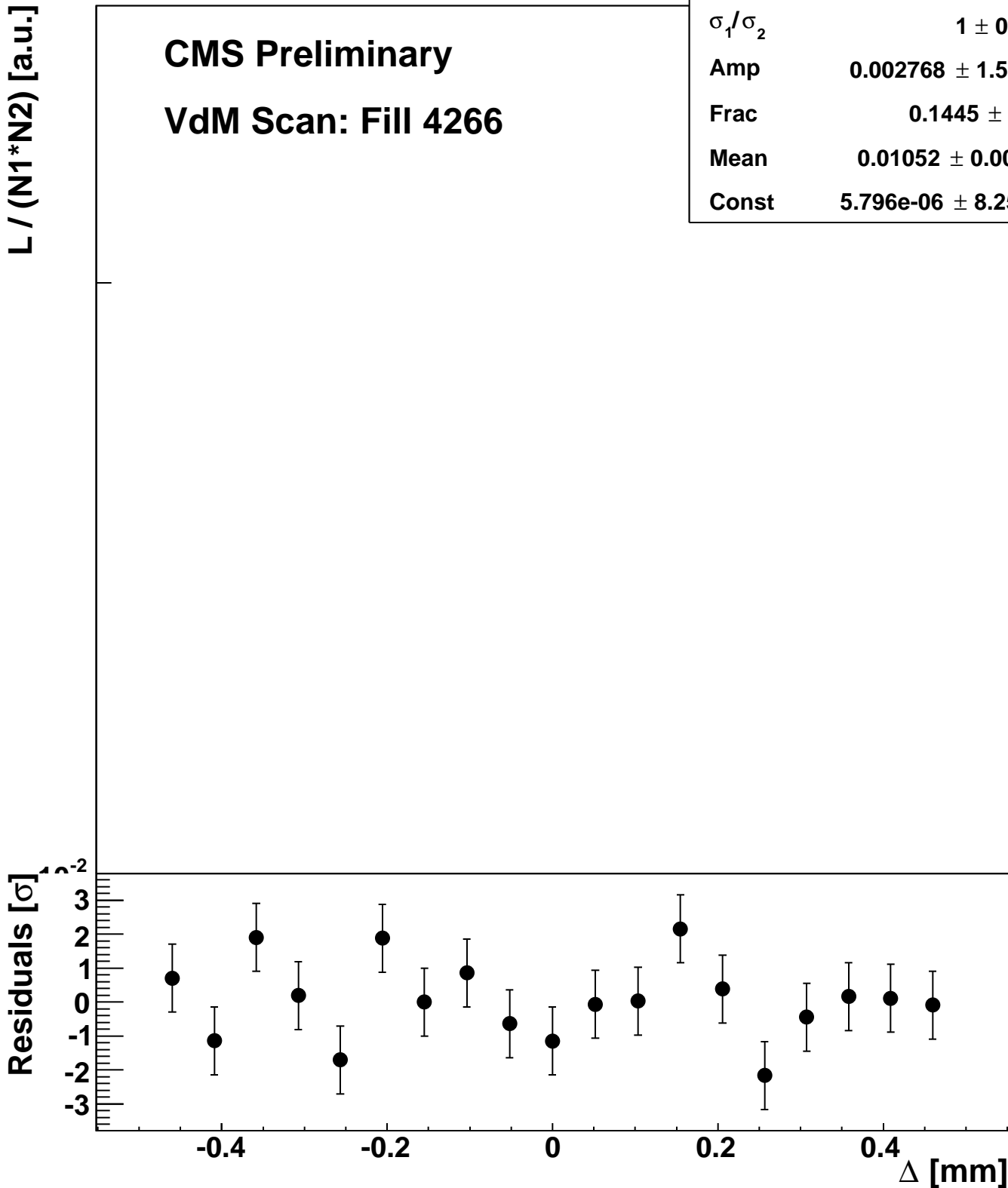
Scan 8: Y-plane BCID 2331



χ^2 / ndf	14.77 / 13
Σ	$0.1148 \pm 3.672\text{e-}06$
σ_1 / σ_2	1 ± 5.453
Amp	$0.002702 \pm 1.421\text{e-}07$
Frac	1 ± 0.5172
Mean	$0.009532 \pm 6.349\text{e-}06$
Const	$7.026\text{e-}06 \pm 9.939\text{e-}09$

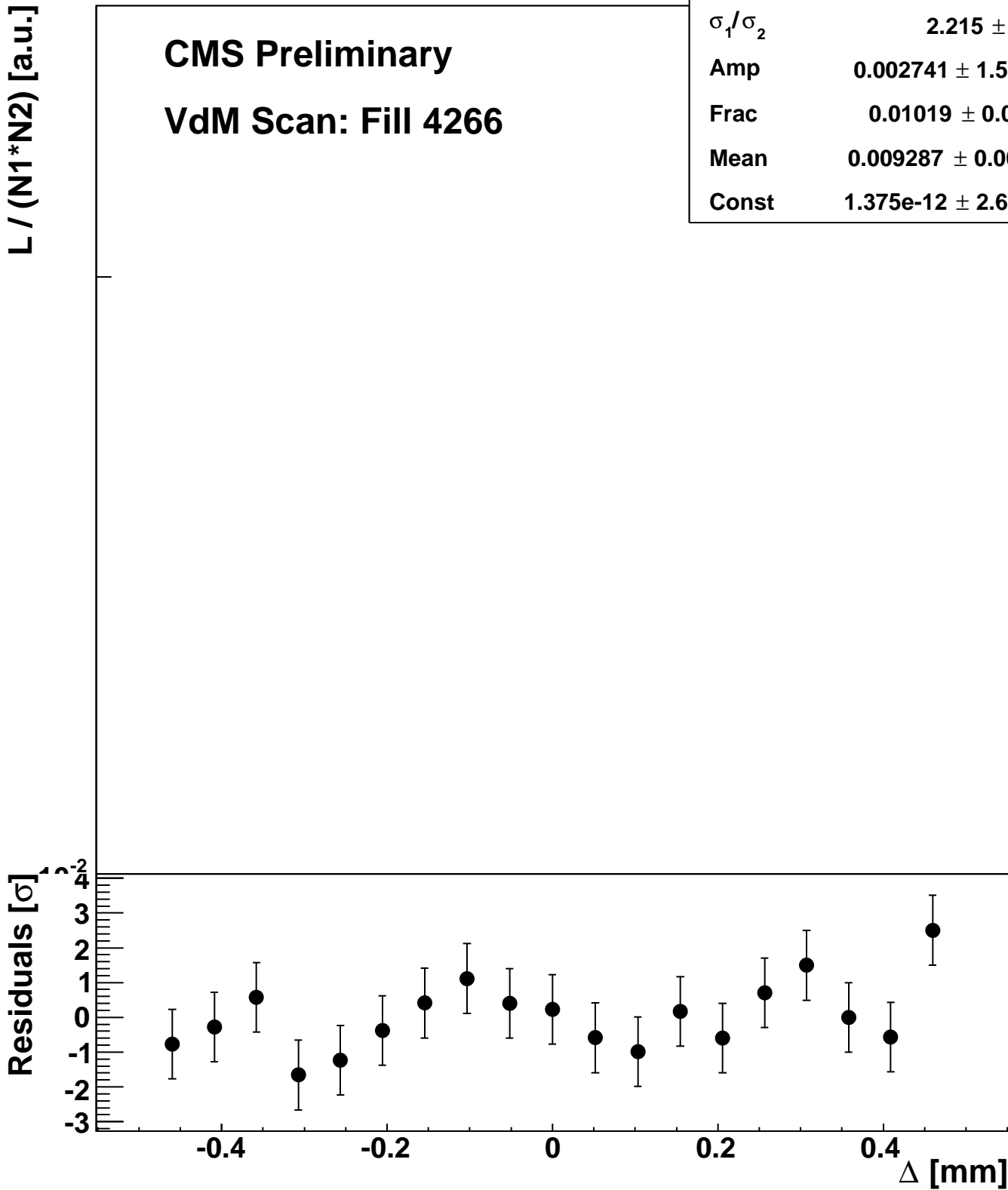
Scan 8: Y-plane BCID 2371

χ^2 / ndf	24.09 / 13
Σ	0.1134 ± 0.0003837
σ_1 / σ_2	1 ± 0.08512
Amp	$0.002768 \pm 1.546\text{e-}05$
Frac	0.1445 ± 0.5236
Mean	0.01052 ± 0.0004927
Const	$5.796\text{e-}06 \pm 8.254\text{e-}07$



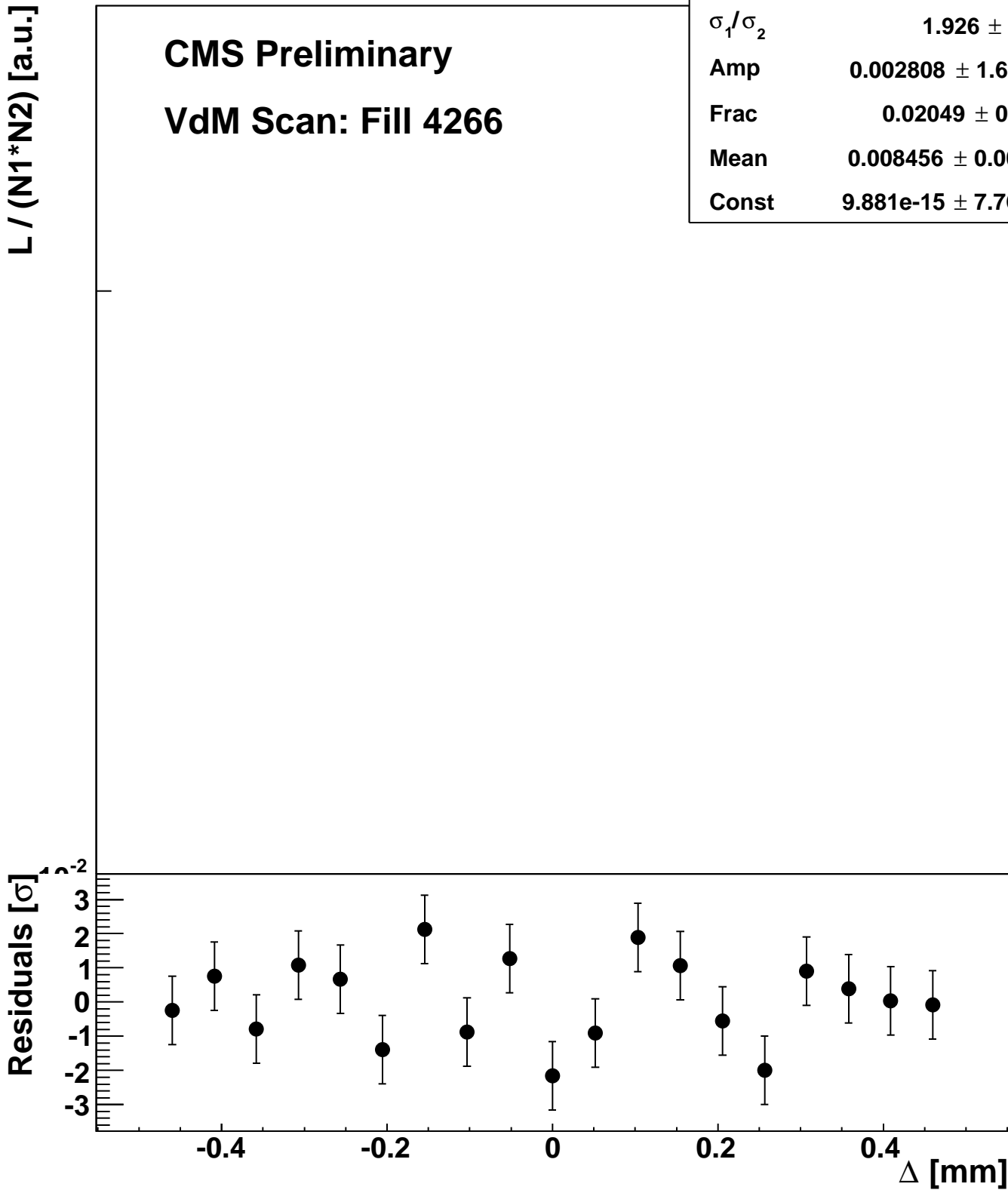
Scan 8: Y-plane BCID 2411

χ^2 / ndf	18.09 / 13
Σ	0.1153 ± 0.0004783
σ_1 / σ_2	2.215 ± 0.4891
Amp	$0.002741 \pm 1.524\text{e-}05$
Frac	0.01019 ± 0.006927
Mean	0.009287 ± 0.0004941
Const	$1.375\text{e-}12 \pm 2.623\text{e-}05$



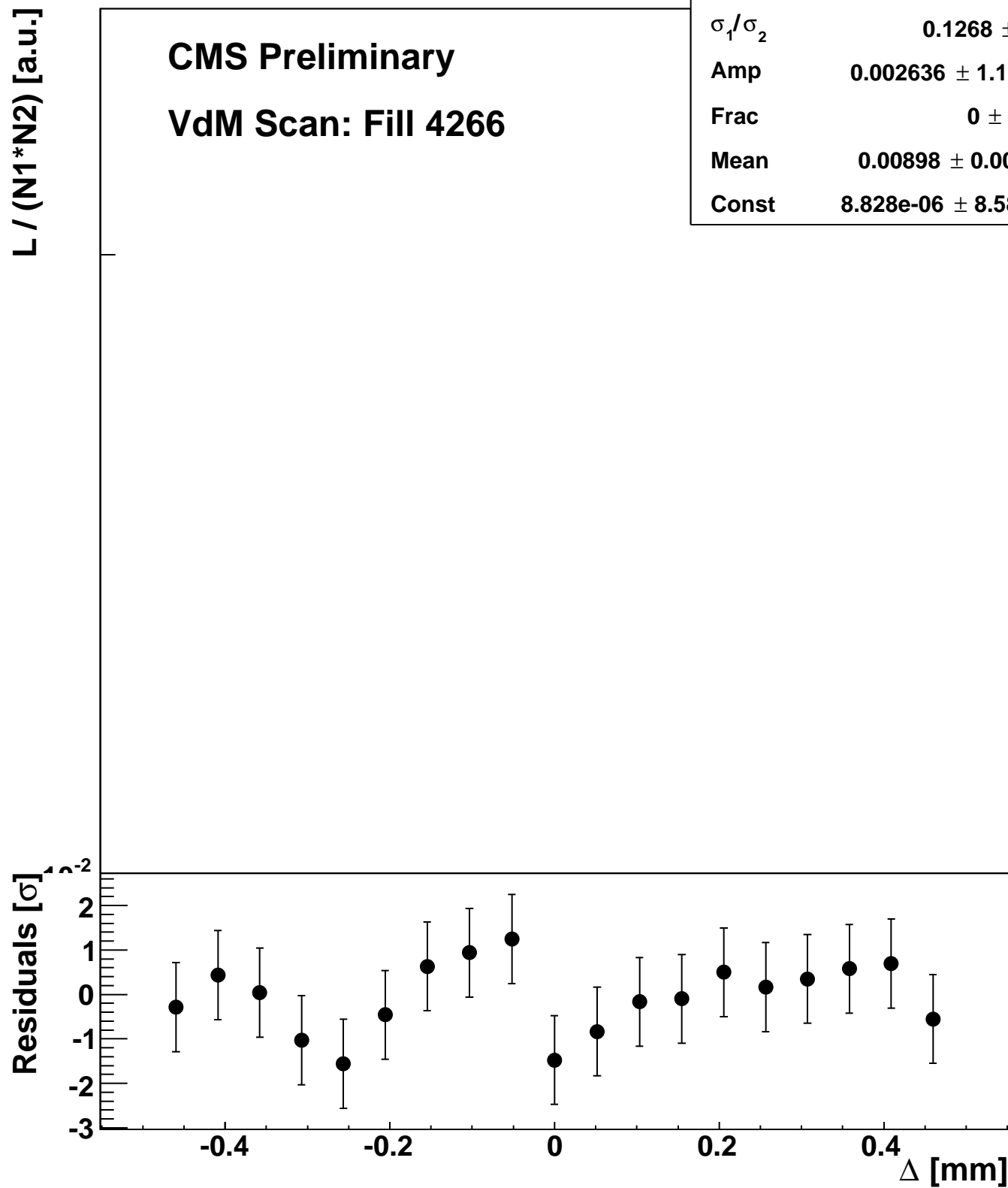
Scan 8: Y-plane BCID 2451

χ^2 / ndf	27.12 / 13
Σ	0.1128 ± 0.0004257
σ_1 / σ_2	1.926 ± 0.2328
Amp	$0.002808 \pm 1.605\text{e-}05$
Frac	0.02049 ± 0.01008
Mean	0.008456 ± 0.0004691
Const	$9.881\text{e-}15 \pm 7.765\text{e-}06$



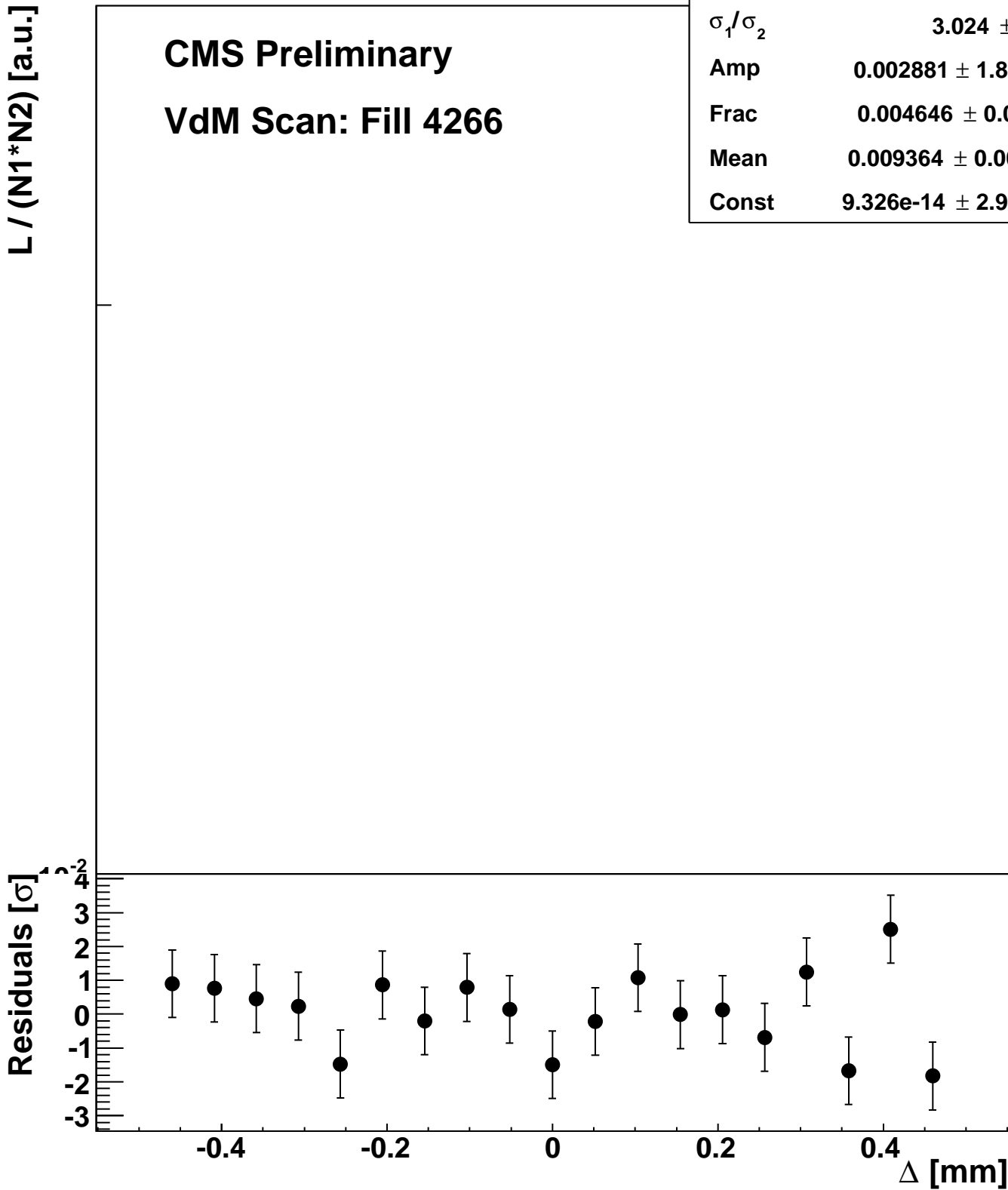
Scan 8: Y-plane BCID 251

χ^2 / ndf	11.22 / 13
Σ	0.116 ± 0.0003157
σ_1 / σ_2	0.1268 ± 9.733
Amp	$0.002636 \pm 1.101\text{e-}05$
Frac	0 ± 0.5248
Mean	0.00898 ± 0.0005003
Const	$8.828\text{e-}06 \pm 8.582\text{e-}07$

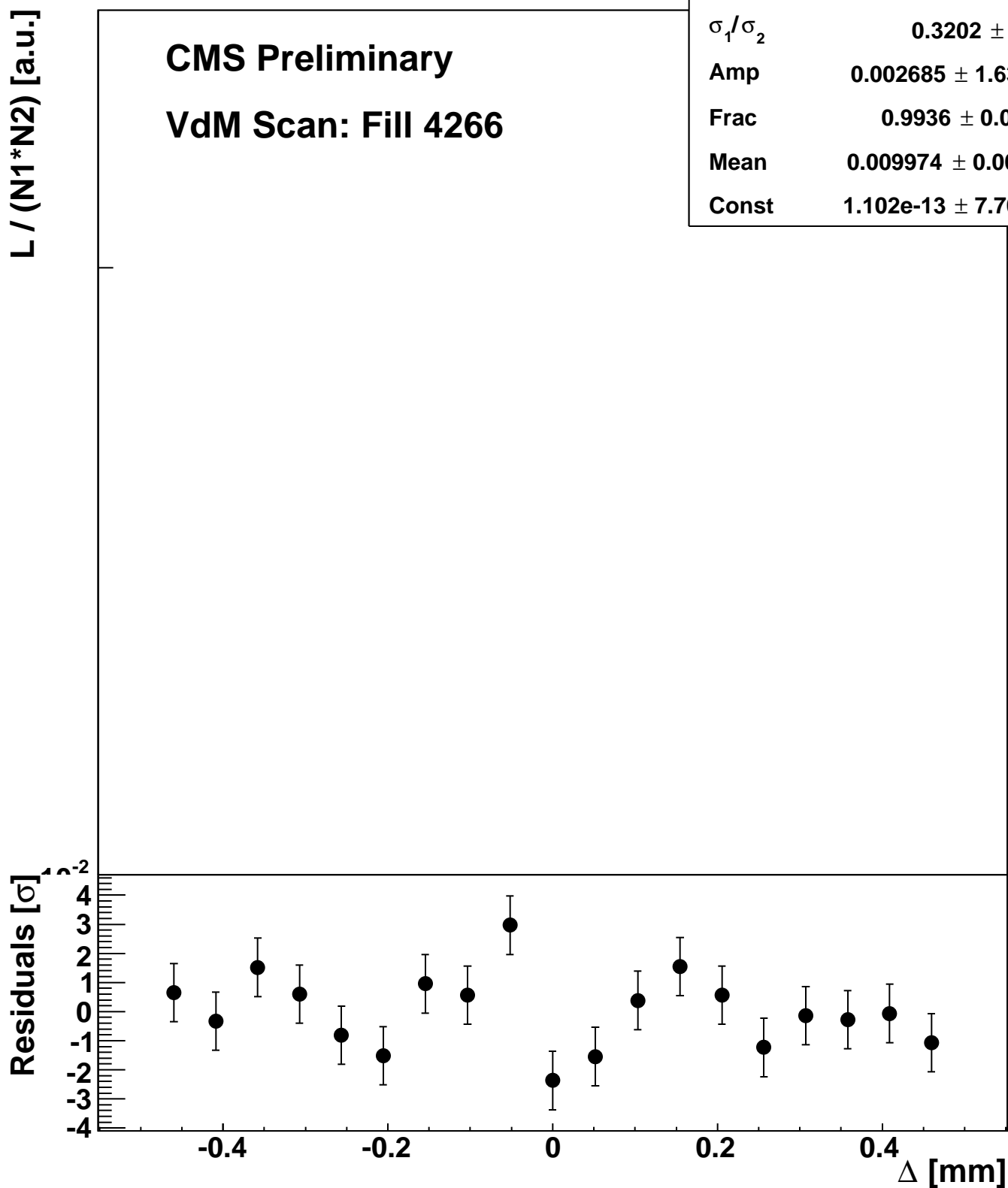


Scan 8: Y-plane BCID 2674

χ^2 / ndf	23.19 / 13
Σ	0.1123 ± 0.0005266
σ_1 / σ_2	3.024 ± 1.264
Amp	$0.002881 \pm 1.849\text{e-}05$
Frac	0.004646 ± 0.003272
Mean	0.009364 ± 0.0004901
Const	$9.326\text{e-}14 \pm 2.947\text{e-}05$



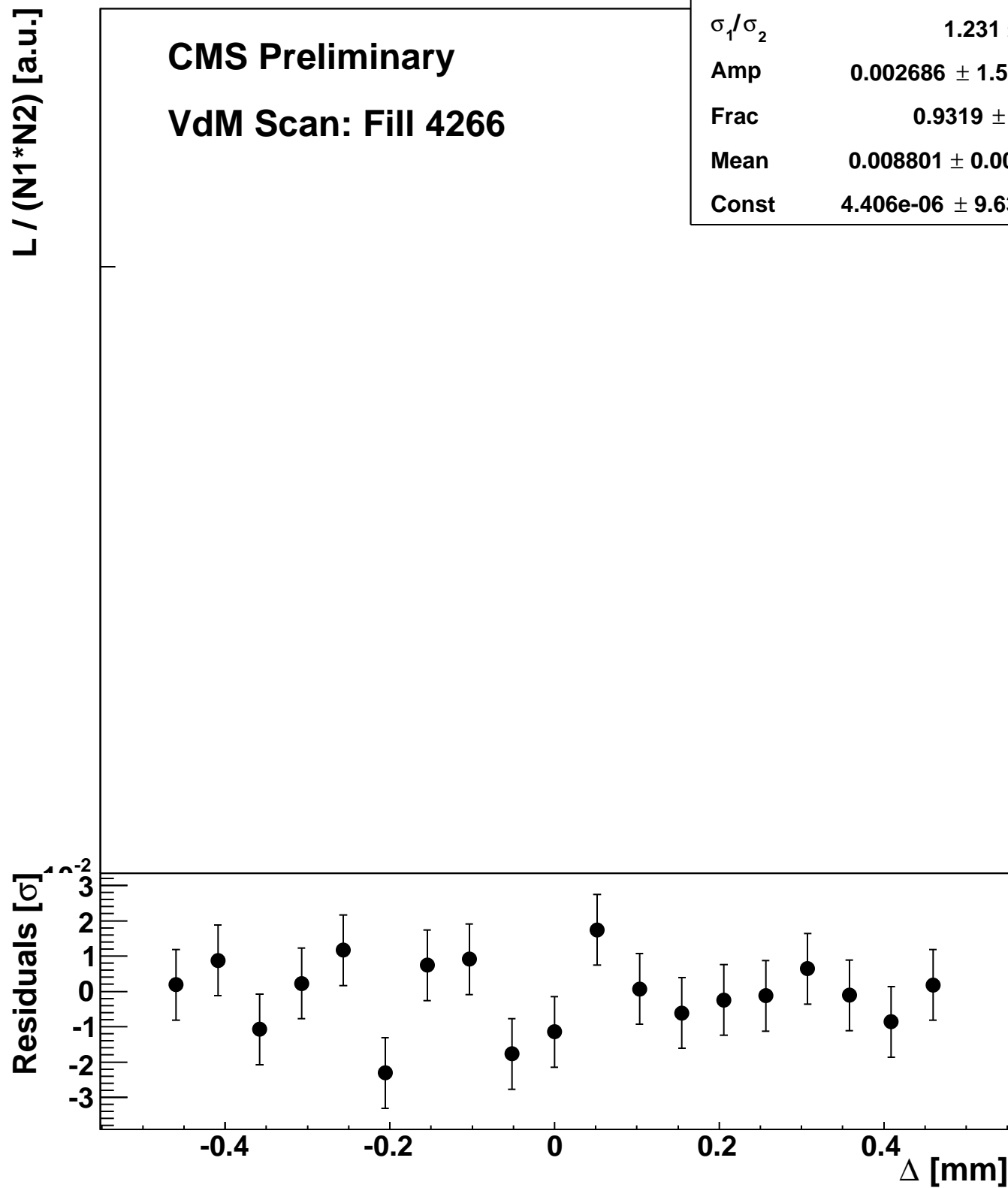
Scan 8: Y-plane BCID 291



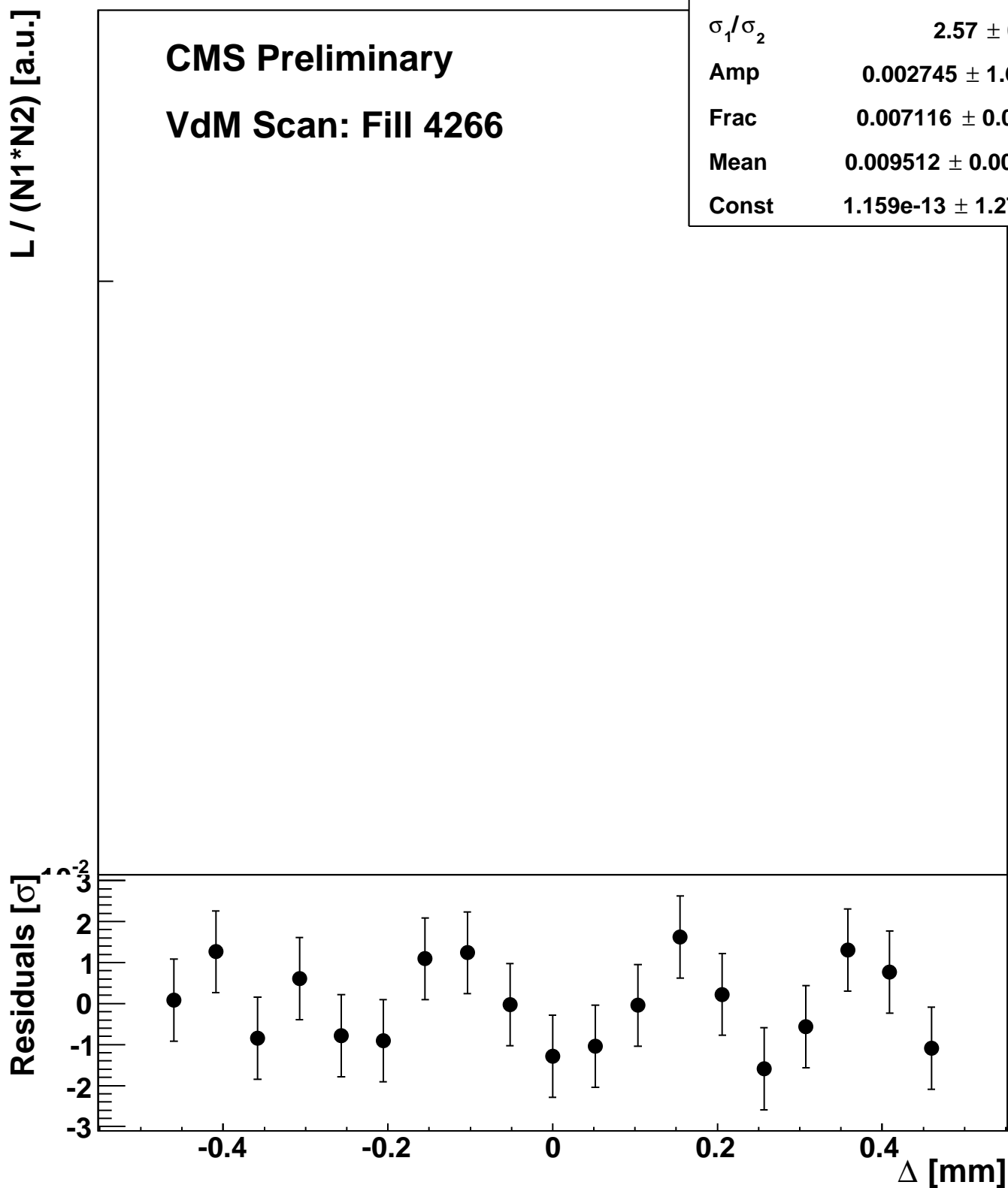
χ^2 / ndf	29.82 / 13
Σ	0.1167 ± 0.0006835
σ_1 / σ_2	0.3202 ± 0.1511
Amp	$0.002685 \pm 1.633\text{e-}05$
Frac	0.9936 ± 0.004277
Mean	0.009974 ± 0.0005031
Const	$1.102\text{e-}13 \pm 7.701\text{e-}05$

Scan 8: Y-plane BCID 51

χ^2 / ndf	19.22 / 13
Σ	0.1159 ± 0.0004998
σ_1 / σ_2	1.231 ± 0.59
Amp	$0.002686 \pm 1.582\text{e-}05$
Frac	0.9319 ± 0.7451
Mean	0.008801 ± 0.0004304
Const	$4.406\text{e-}06 \pm 9.634\text{e-}07$



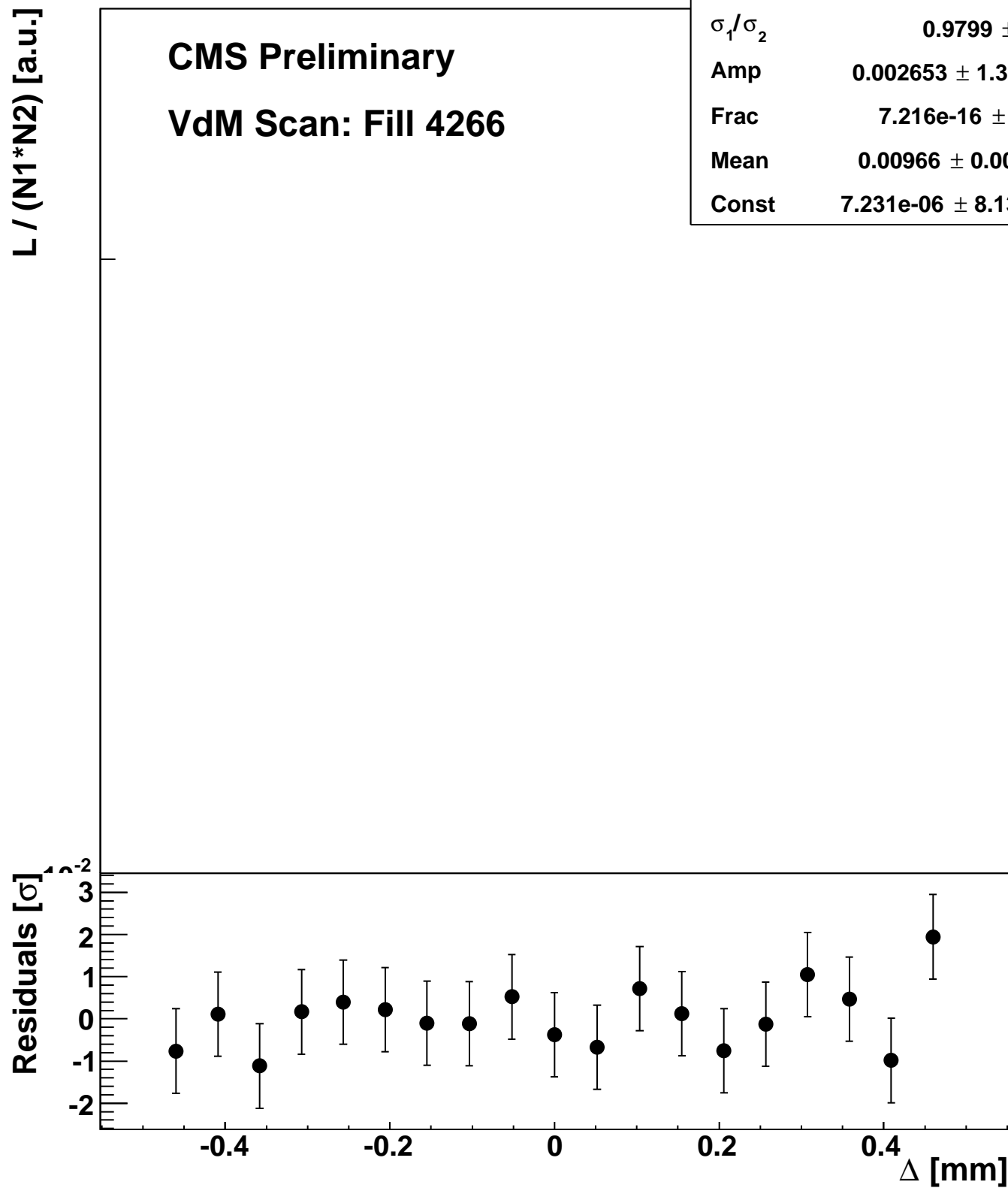
Scan 8: Y-plane BCID 771



χ^2 / ndf	18.57 / 13
Σ	0.1154 ± 0.0004732
σ_1 / σ_2	2.57 ± 0.7217
Amp	$0.002745 \pm 1.65\text{e-}05$
Frac	0.007116 ± 0.004489
Mean	0.009512 ± 0.0004606
Const	$1.159\text{e-}13 \pm 1.279\text{e-}05$

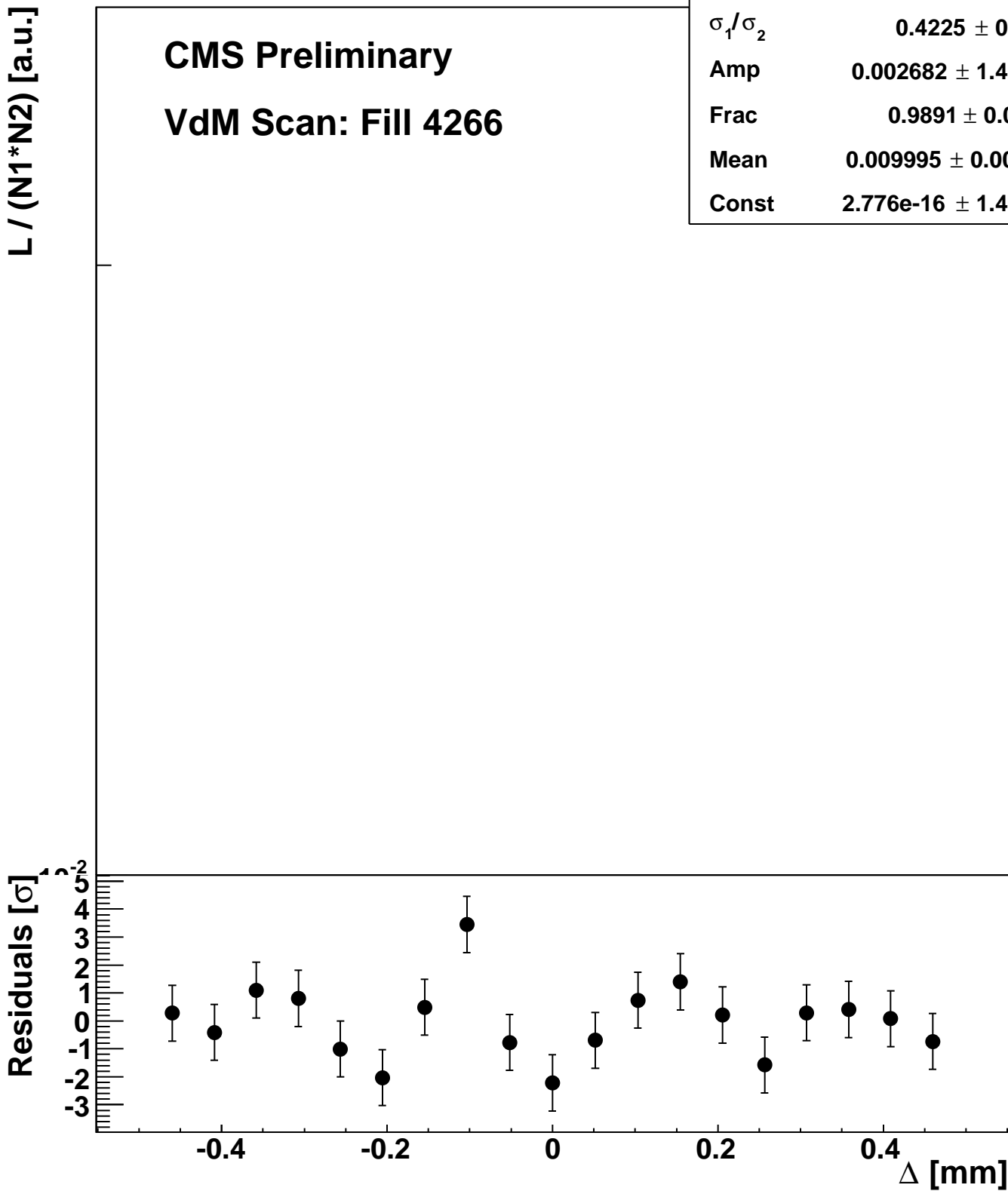
Scan 8: Y-plane BCID 811

χ^2 / ndf	10.14 / 13
Σ	0.1166 ± 0.0003982
σ_1 / σ_2	0.9799 ± 5.333
Amp	$0.002653 \pm 1.321\text{e-}05$
Frac	$7.216\text{e-}16 \pm 0.7111$
Mean	0.00966 ± 0.0004354
Const	$7.231\text{e-}06 \pm 8.132\text{e-}07$



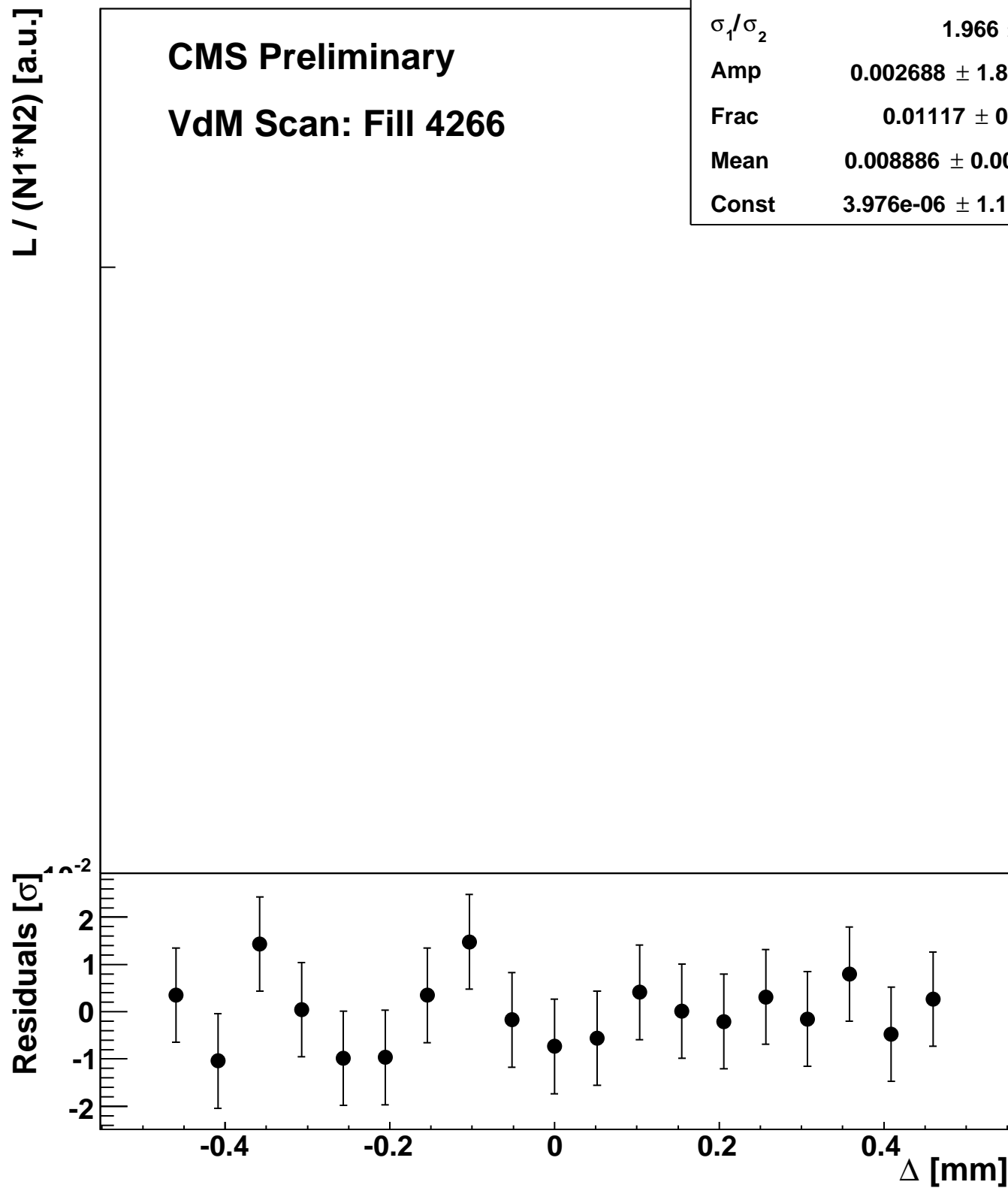
Scan 8: Y-plane BCID 851

χ^2 / ndf	31.23 / 13
Σ	0.1167 ± 0.0004871
σ_1 / σ_2	0.4225 ± 0.09776
Amp	$0.002682 \pm 1.403\text{e-}05$
Frac	0.9891 ± 0.006403
Mean	0.009995 ± 0.0004806
Const	$2.776\text{e-}16 \pm 1.472\text{e-}05$

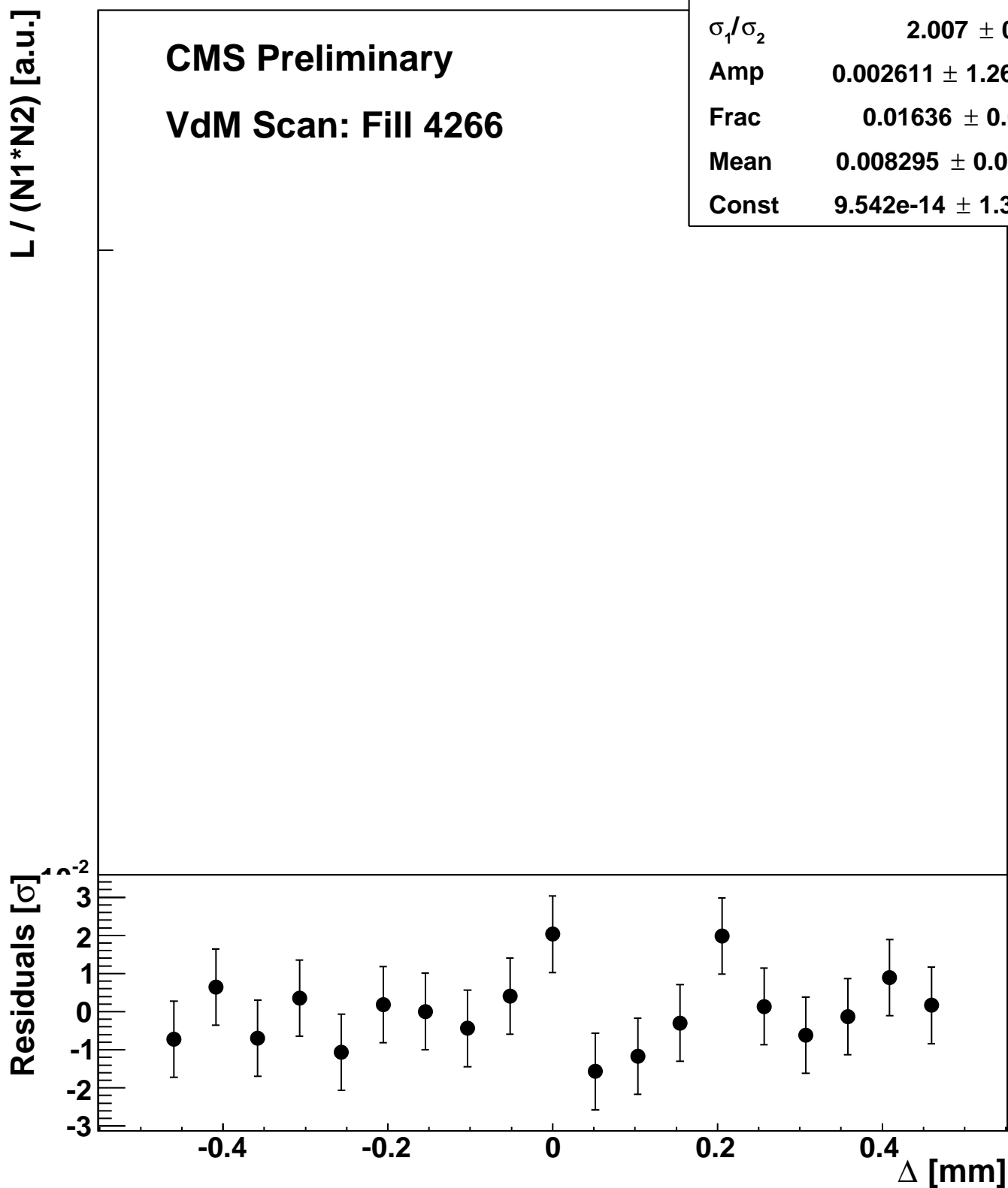


Scan 8: Y-plane BCID 891

χ^2 / ndf	9.624 / 13
Σ	0.115 ± 0.001819
σ_1 / σ_2	1.966 ± 2.19
Amp	$0.002688 \pm 1.806\text{e-}05$
Frac	0.01117 ± 0.02342
Mean	0.008886 ± 0.0005047
Const	$3.976\text{e-}06 \pm 1.179\text{e-}05$



Scan 8: Y-plane BCID 91



χ^2 / ndf	16.31 / 13
Σ	0.118 ± 0.0004783
σ_1 / σ_2	2.007 ± 0.4129
Amp	$0.002611 \pm 1.262\text{e-}05$
Frac	0.01636 ± 0.01189
Mean	0.008295 ± 0.000518
Const	$9.542\text{e-}14 \pm 1.34\text{e-}05$

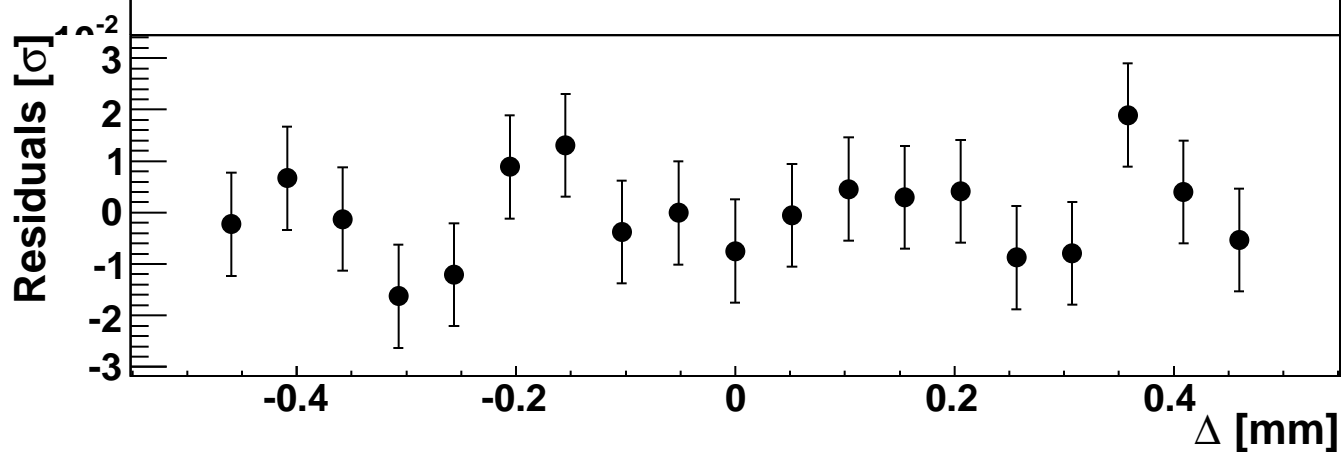
Scan 8: Y-plane BCID 931

L / (N1*N2) [a.u.]

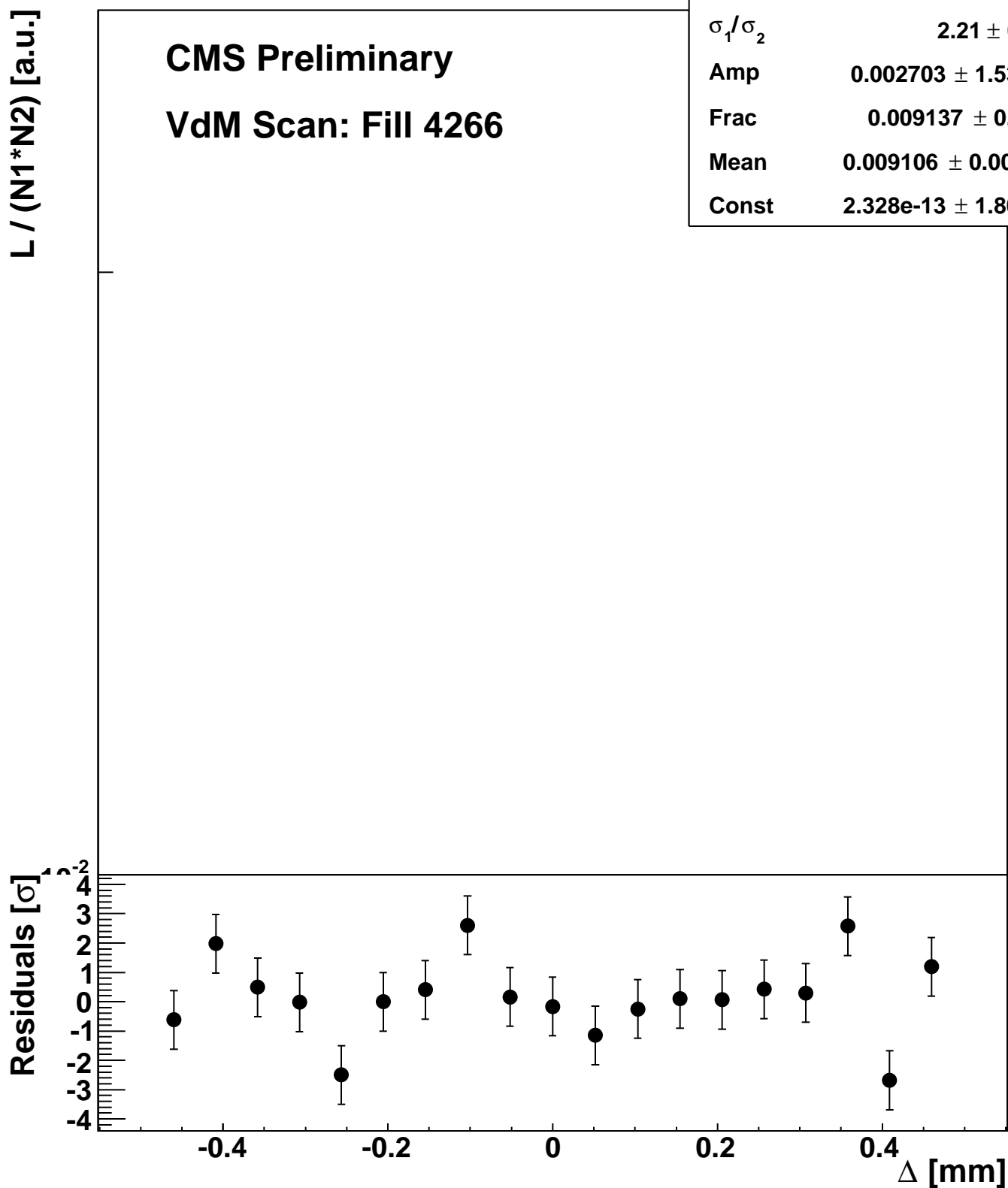
CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	13.7 / 13
Σ	0.1151 ± 0.000577
σ_1 / σ_2	0.2874 ± 0.1597
Amp	$0.002748 \pm 1.337\text{e-}05$
Frac	0.9961 ± 0.002662
Mean	0.009403 ± 0.0004345
Const	$1.122\text{e-}13 \pm 4.328\text{e-}05$

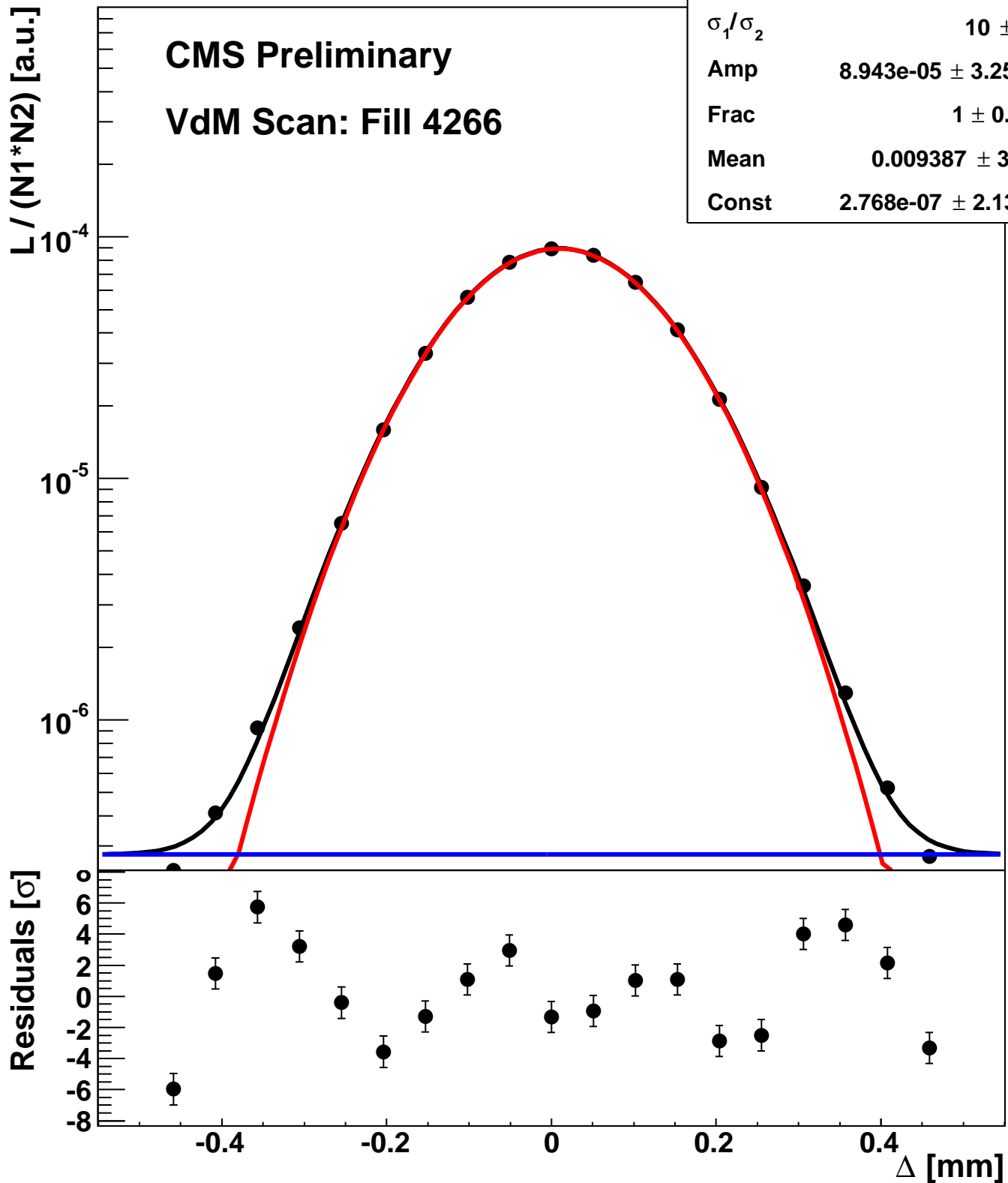


Scan 8: Y-plane BCID 971



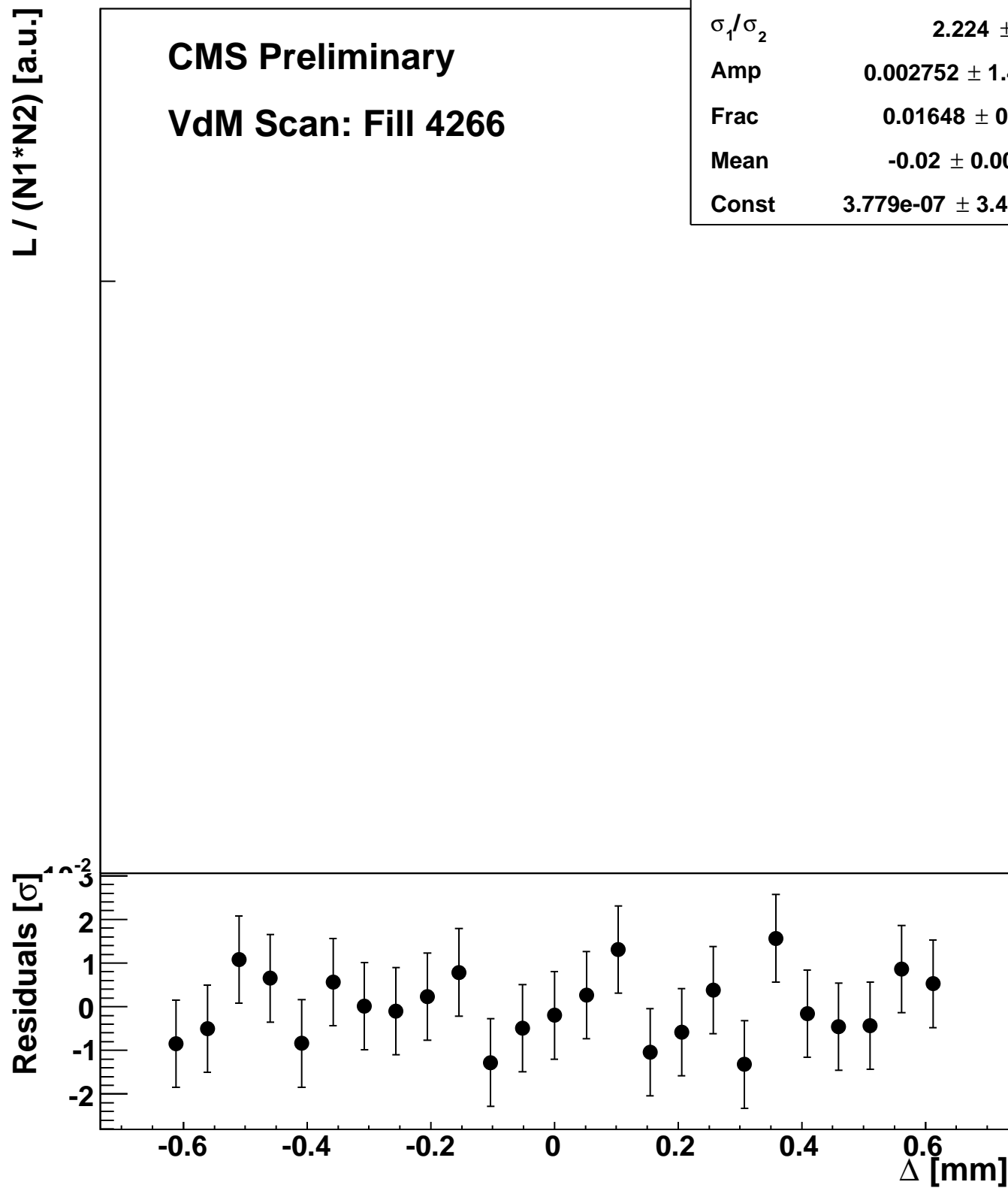
χ^2 / ndf	34.67 / 13
Σ	0.1155 ± 0.0004633
σ_1 / σ_2	2.21 ± 0.5479
Amp	$0.002703 \pm 1.536\text{e-}05$
Frac	0.009137 ± 0.00693
Mean	0.009106 ± 0.0005178
Const	$2.328\text{e-}13 \pm 1.809\text{e-}05$

Scan 8: Y-plane BCID sum



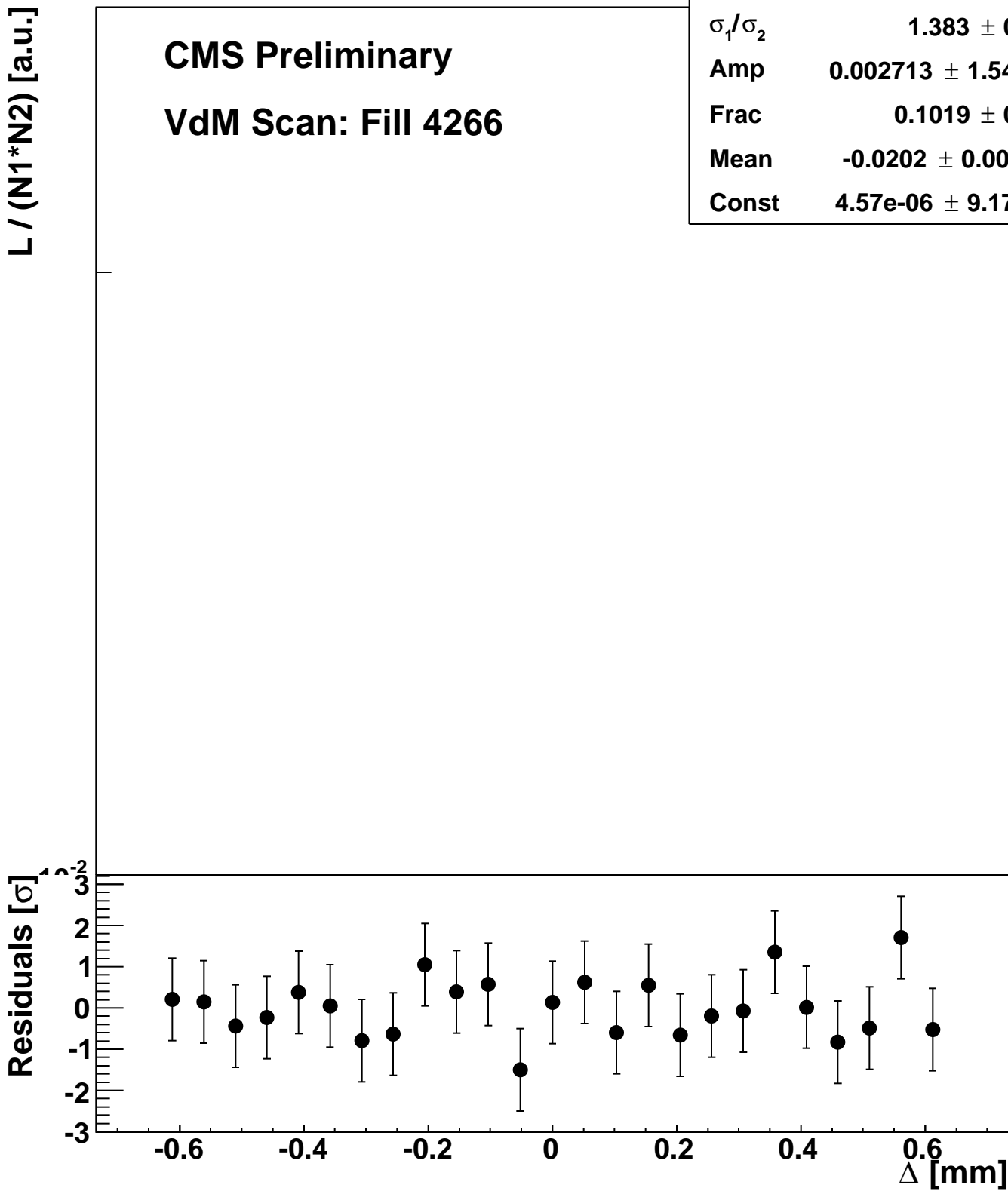
Scan 9: X-plane BCID 1011

χ^2 / ndf	15.21 / 19
Σ	0.1291 ± 0.001562
σ_1 / σ_2	2.224 ± 1.007
Amp	$0.002752 \pm 1.46\text{e-}05$
Frac	0.01648 ± 0.01115
Mean	-0.02 ± 0.0005115
Const	$3.779\text{e-}07 \pm 3.456\text{e-}05$



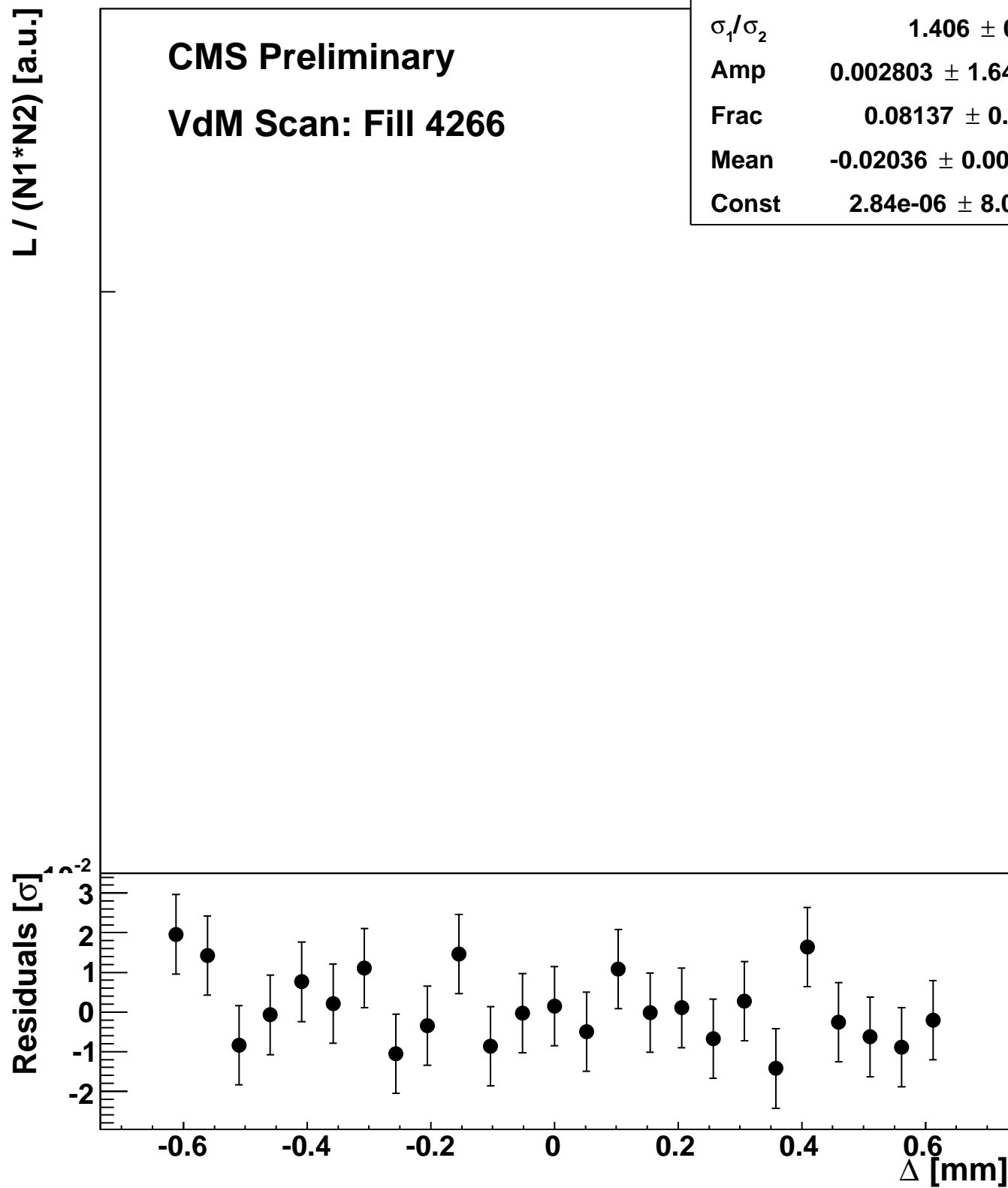
Scan 9: X-plane BCID 131

χ^2 / ndf	12.77 / 19
Σ	0.1286 ± 0.0006031
σ_1 / σ_2	1.383 ± 0.1583
Amp	$0.002713 \pm 1.549\text{e-}05$
Frac	0.1019 ± 0.0995
Mean	-0.0202 ± 0.0006264
Const	$4.57\text{e-}06 \pm 9.172\text{e-}07$



Scan 9: X-plane BCID 1631

χ^2 / ndf	20.54 / 19
Σ	0.1266 ± 0.0005405
σ_1/σ_2	1.406 ± 0.1743
Amp	$0.002803 \pm 1.649\text{e-}05$
Frac	0.08137 ± 0.08069
Mean	-0.02036 ± 0.0005183
Const	$2.84\text{e-}06 \pm 8.02\text{e-}07$



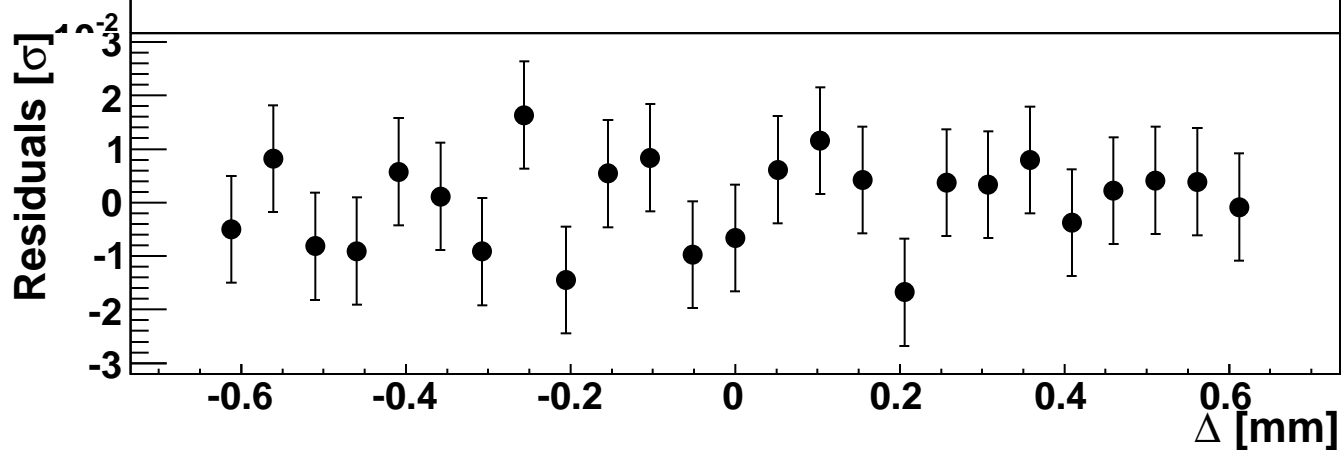
Scan 9: X-plane BCID 1671

L / (N1*N2) [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	16.82 / 19
Σ	0.1271 ± 0.0007688
σ_1 / σ_2	1.608 ± 0.2309
Amp	$0.002772 \pm 1.518\text{e-}05$
Frac	0.08167 ± 0.06215
Mean	-0.02039 ± 0.0005137
Const	$2.471\text{e-}06 \pm 2.088\text{e-}06$



Scan 9: X-plane BCID 1711

L / (N1*N2) [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf 18.28 / 19

Σ 0.1274 ± 0.0006146

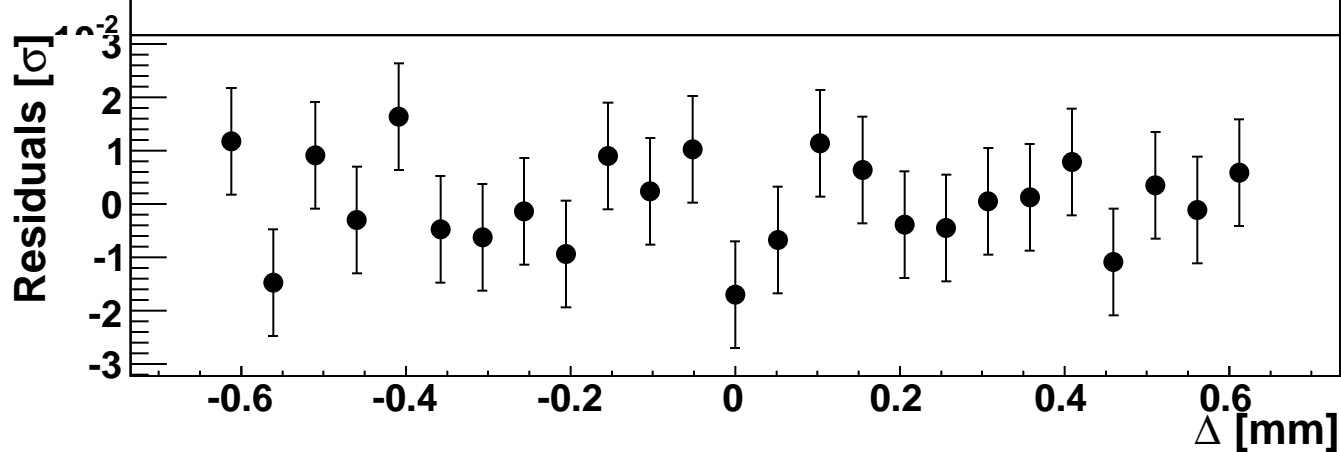
σ_1 / σ_2 1.479 ± 0.2073

Amp $0.002788 \pm 1.71\text{e-}05$

Frac 0.06557 ± 0.05887

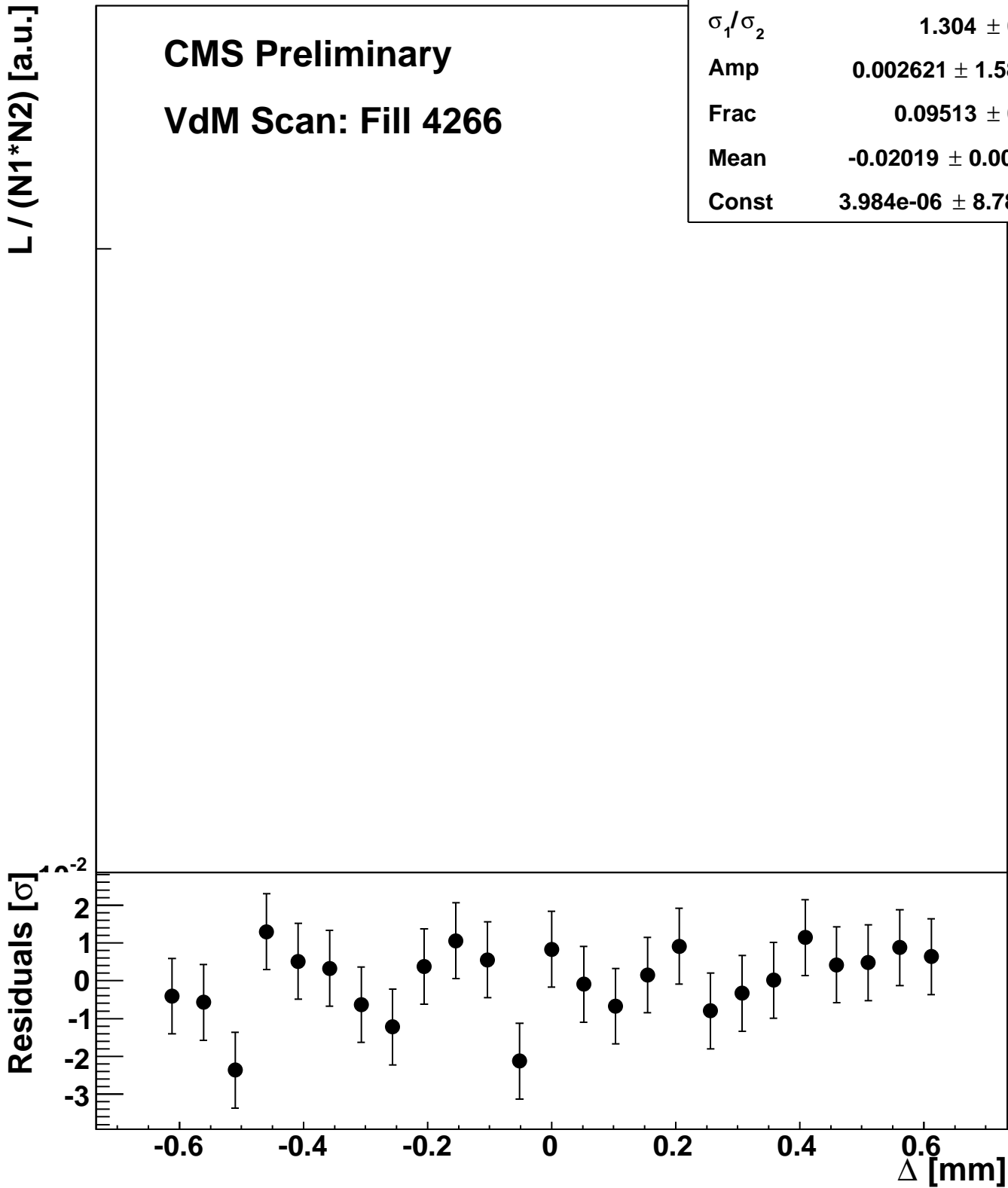
Mean -0.02087 ± 0.0005508

Const $3.044\text{e-}06 \pm 1.301\text{e-}06$

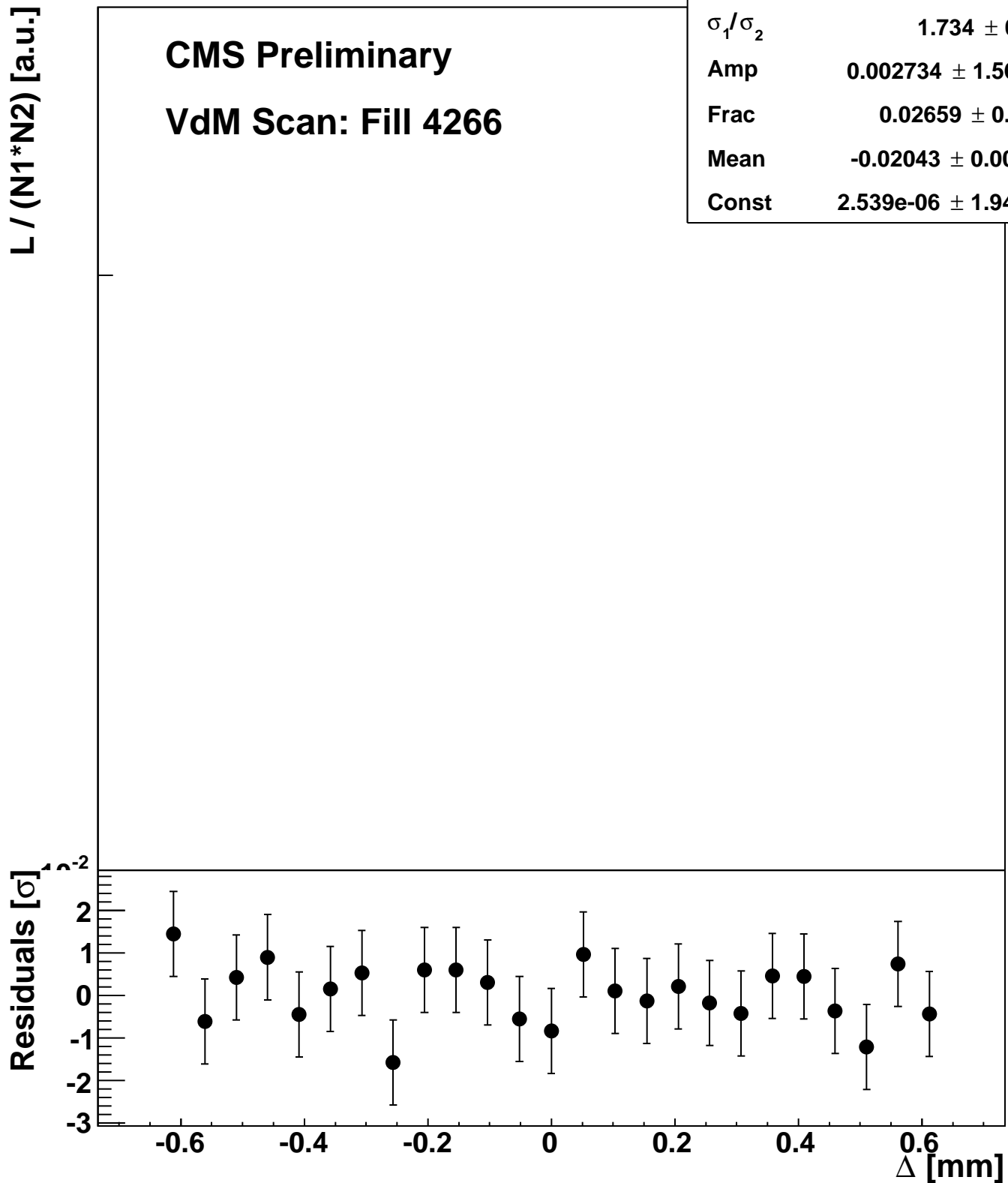


Scan 9: X-plane BCID 171

χ^2 / ndf	21.73 / 19
Σ	0.1305 ± 0.000544
σ_1 / σ_2	1.304 ± 0.2144
Amp	$0.002621 \pm 1.588\text{e-}05$
Frac	0.09513 ± 0.1508
Mean	-0.02019 ± 0.0005368
Const	$3.984\text{e-}06 \pm 8.787\text{e-}07$



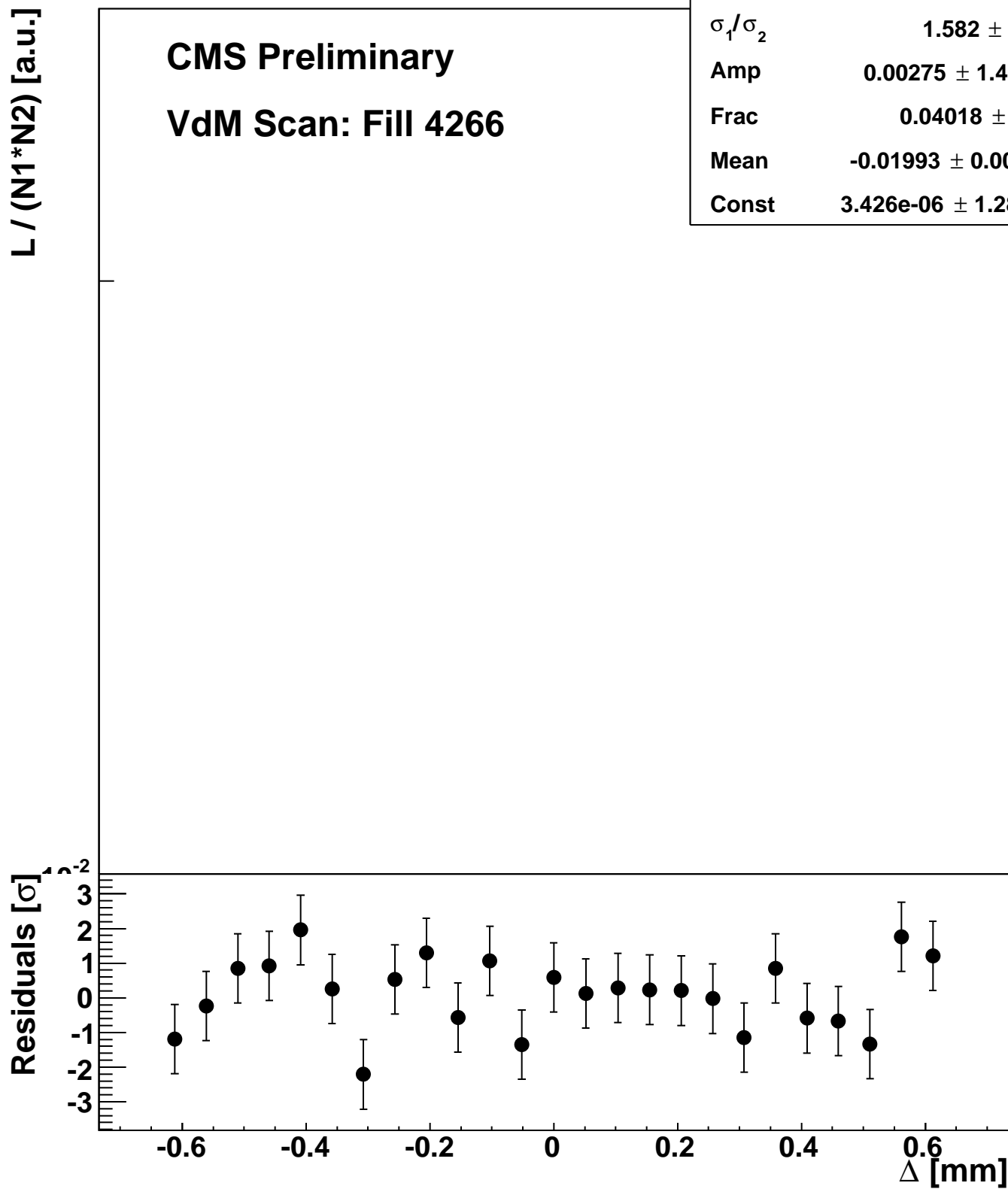
Scan 9: X-plane BCID 1751



χ^2 / ndf	12.21 / 19
Σ	0.1283 ± 0.0007137
σ_1 / σ_2	1.734 ± 0.4128
Amp	$0.002734 \pm 1.569\text{e-}05$
Frac	0.02659 ± 0.02497
Mean	-0.02043 ± 0.0006051
Const	$2.539\text{e-}06 \pm 1.948\text{e-}06$

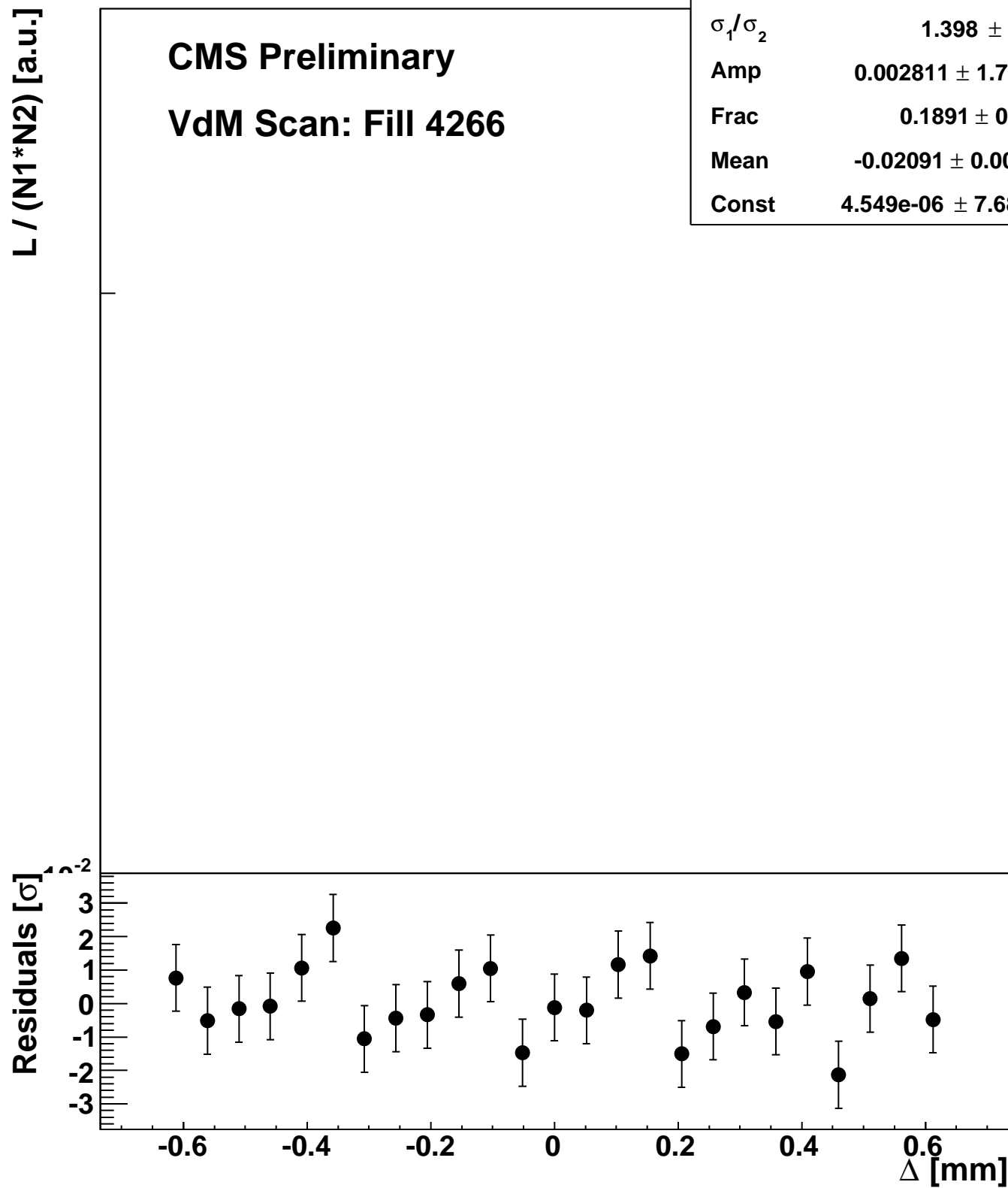
Scan 9: X-plane BCID 1791

χ^2 / ndf	26.79 / 19
Σ	0.1274 ± 0.0005296
σ_1 / σ_2	1.582 ± 0.2493
Amp	$0.00275 \pm 1.477\text{e-}05$
Frac	0.04018 ± 0.0321
Mean	-0.01993 ± 0.0005029
Const	$3.426\text{e-}06 \pm 1.283\text{e-}06$



Scan 9: X-plane BCID 1831

χ^2 / ndf	26.27 / 19
Σ	0.1264 ± 0.0005594
σ_1 / σ_2	1.398 ± 0.0586
Amp	$0.002811 \pm 1.787\text{e-}05$
Frac	0.1891 ± 0.08662
Mean	-0.02091 ± 0.0005324
Const	$4.549\text{e-}06 \pm 7.681\text{e-}07$



Scan 9: X-plane BCID 1871

L / (N1*N2) [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf 15.19 / 19

Σ 0.1274 ± 0.0005547

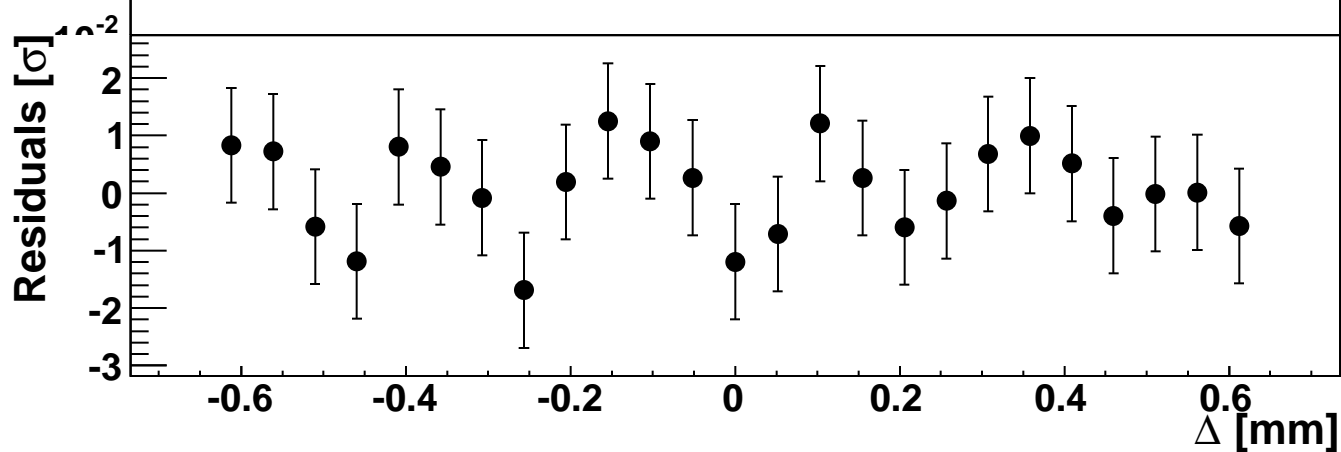
σ_1 / σ_2 1.475 ± 0.08346

Amp $0.002755 \pm 1.522\text{e-}05$

Frac 0.1302 ± 0.06034

Mean -0.02065 ± 0.0005133

Const $3.499\text{e-}06 \pm 9.087\text{e-}07$

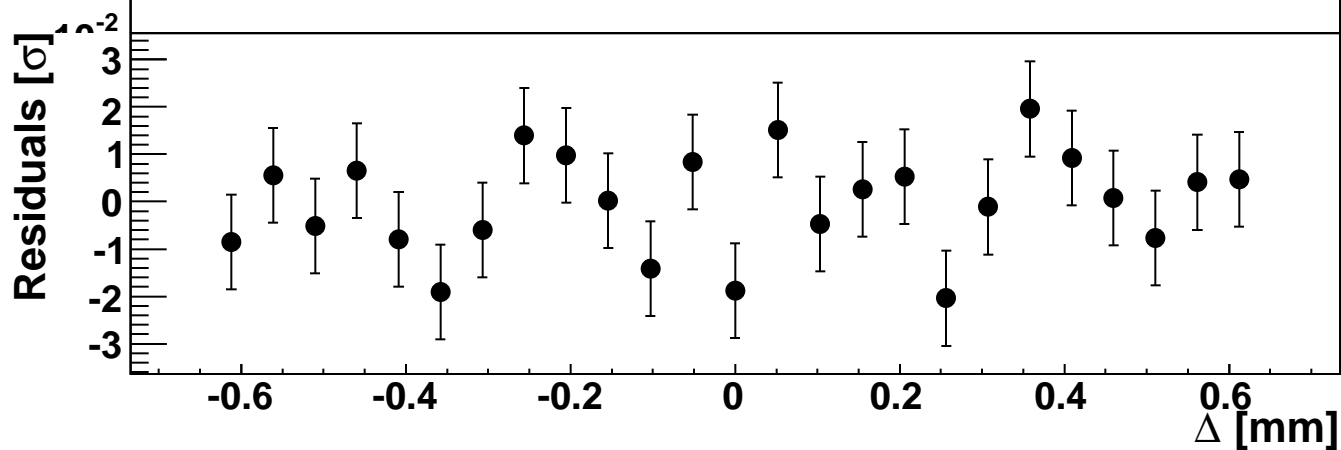


Scan 9: X-plane BCID 1

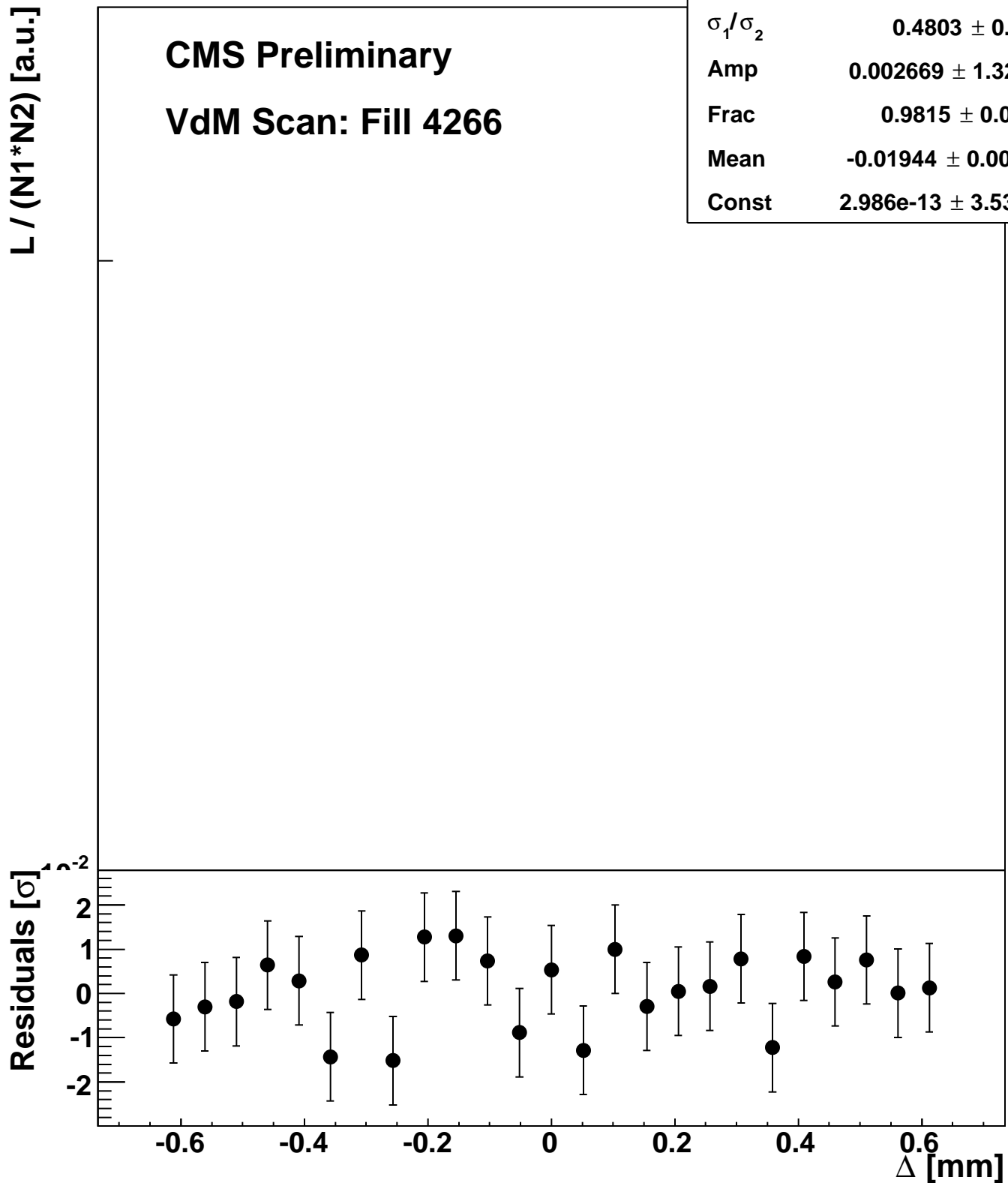
L / (N1*N2) [a.u.]

CMS Preliminary
VdM Scan: Fill 4266

χ^2 / ndf	28.19 / 19
Σ	0.1364 ± 0.001546
σ_1 / σ_2	2.235 ± 1.974
Amp	$0.002202 \pm 1.257\text{e-}05$
Frac	0.007161 ± 0.008943
Mean	-0.02272 ± 0.0005758
Const	$1.823\text{e-}06 \pm 5.764\text{e-}06$



Scan 9: X-plane BCID 211



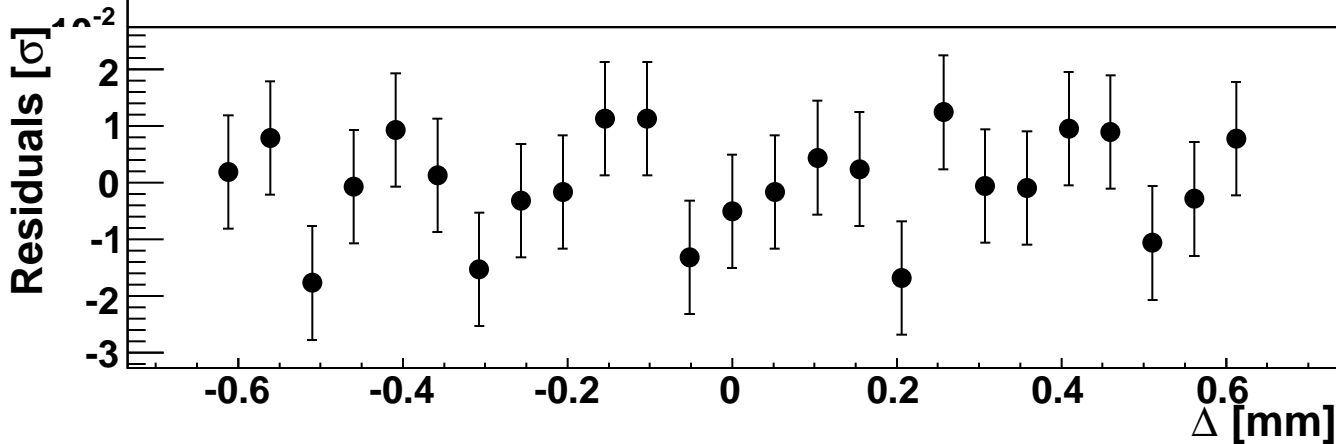
χ^2 / ndf	17.19 / 19
Σ	0.1295 ± 0.0004085
σ_1 / σ_2	0.4803 ± 0.03446
Amp	$0.002669 \pm 1.321\text{e-}05$
Frac	0.9815 ± 0.005369
Mean	-0.01944 ± 0.0005064
Const	$2.986\text{e-}13 \pm 3.535\text{e-}06$

Scan 9: X-plane BCID 2211

L / (N1*N2) [a.u.]

CMS Preliminary
VdM Scan: Fill 4266

χ^2 / ndf	19.86 / 19
Σ	0.1259 ± 0.0005828
σ_1 / σ_2	1.439 ± 0.07537
Amp	$0.002795 \pm 1.628\text{e-}05$
Frac	0.1559 ± 0.07216
Mean	-0.01966 ± 0.0005268
Const	$3.648\text{e-}06 \pm 9.922\text{e-}07$



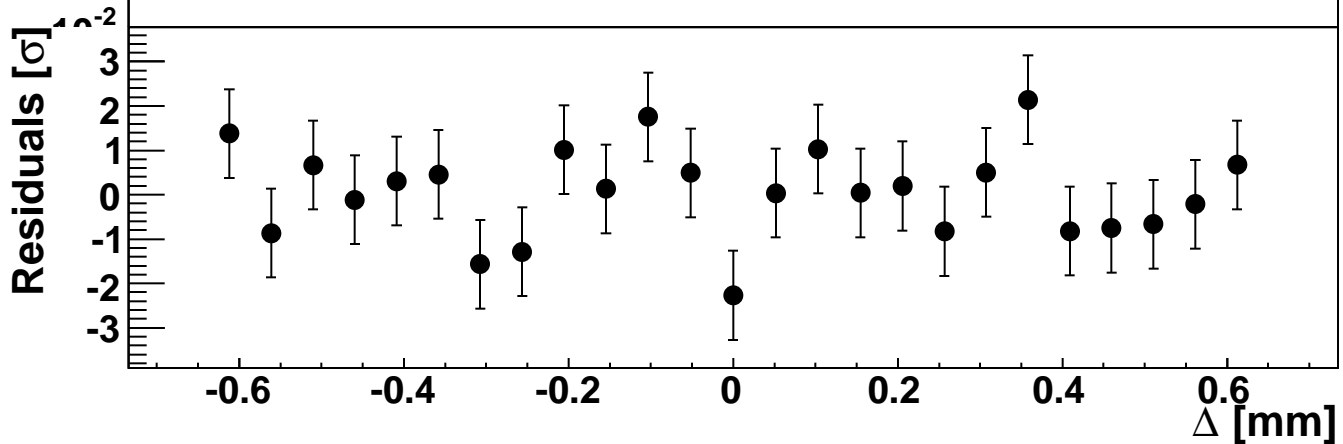
Scan 9: X-plane BCID 2251

L / (N1*N2) [a.u.]

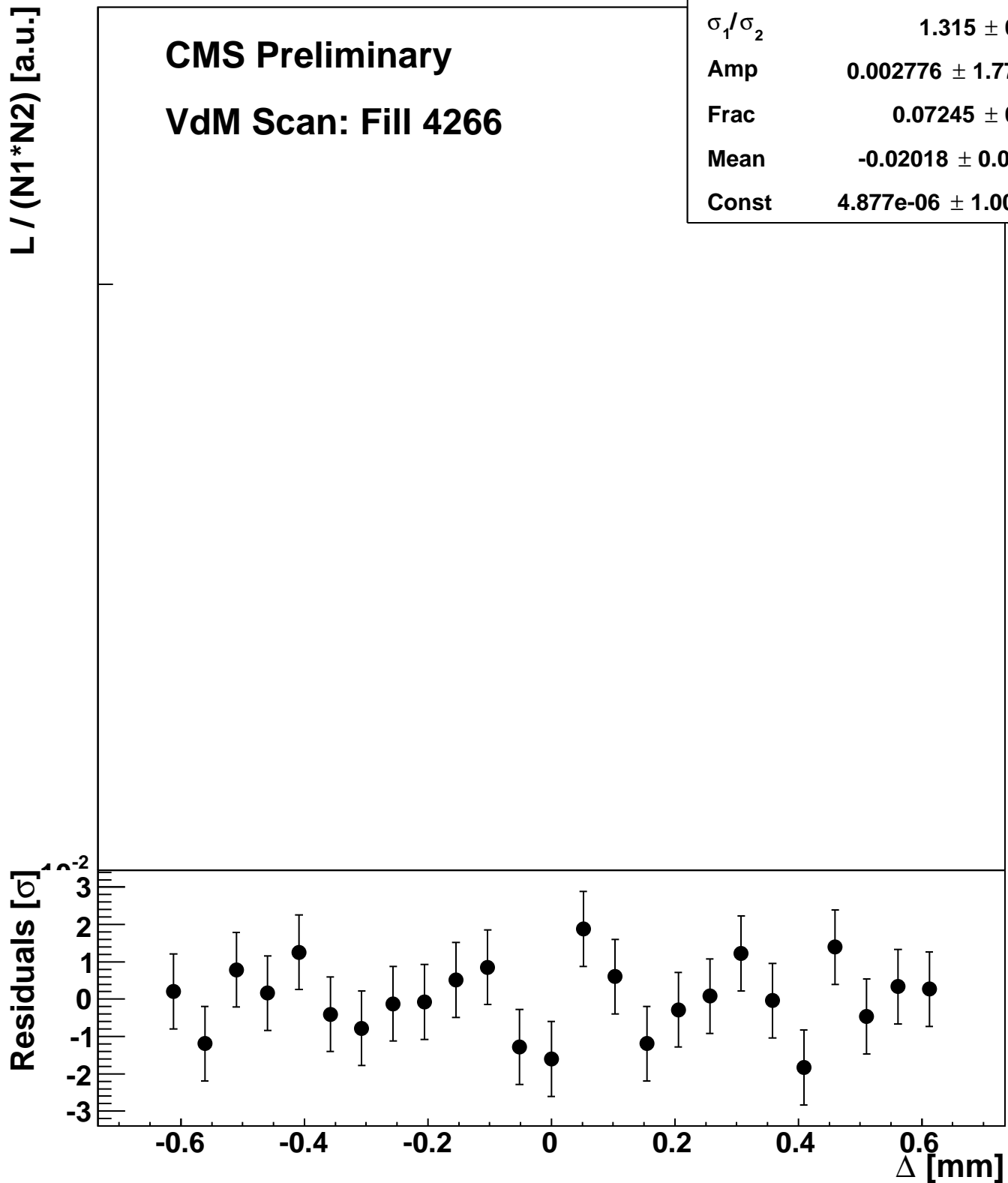
CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	25.79 / 19
Σ	0.1265 ± 0.0005268
σ_1 / σ_2	1.437 ± 0.1113
Amp	$0.002768 \pm 1.617\text{e-}05$
Frac	0.1106 ± 0.06536
Mean	-0.01989 ± 0.000512
Const	$3.735\text{e-}06 \pm 1.065\text{e-}06$



Scan 9: X-plane BCID 2291



χ^2 / ndf	22.28 / 19
Σ	0.1265 ± 0.0006119
σ_1 / σ_2	1.315 ± 0.2905
Amp	$0.002776 \pm 1.778\text{e-}05$
Frac	0.07245 ± 0.1424
Mean	-0.02018 ± 0.000588
Const	$4.877\text{e-}06 \pm 1.001\text{e-}06$

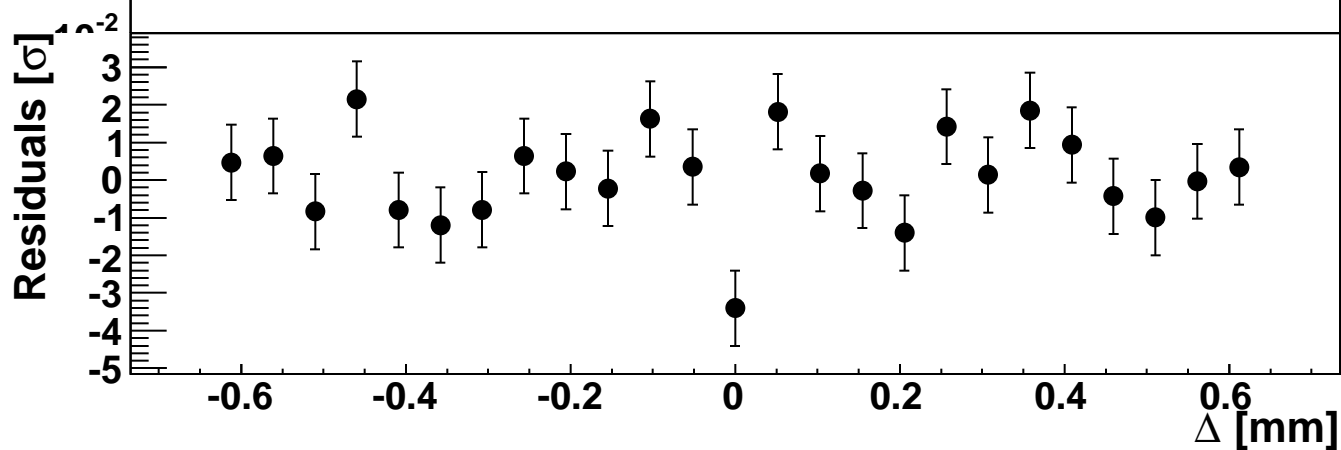
Scan 9: X-plane BCID 2331

L / (N1*N2) [a.u.]

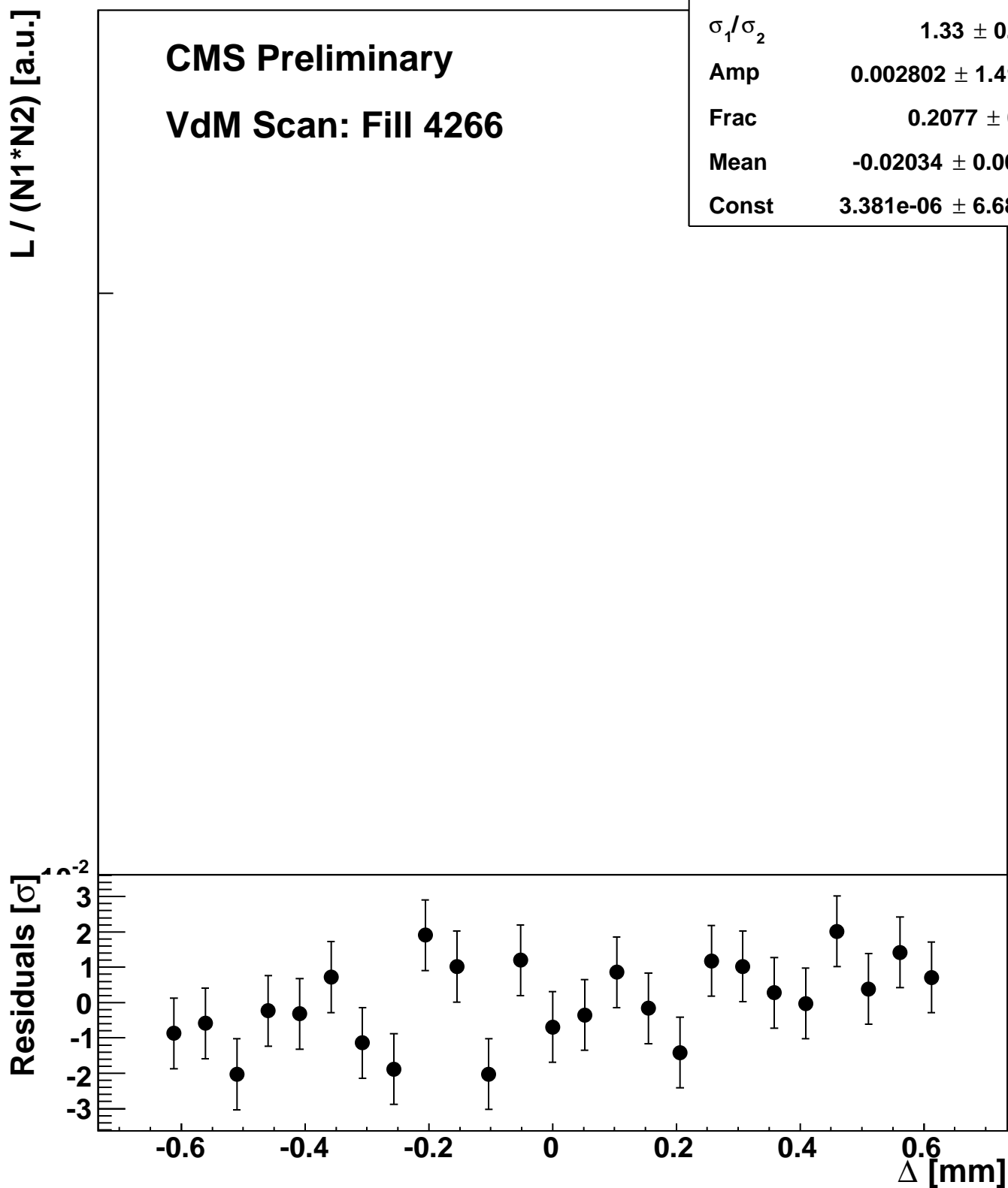
CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	36.47 / 19
Σ	0.1278 ± 0.0005252
σ_1 / σ_2	1.479 ± 0.2606
Amp	$0.002749 \pm 1.318\text{e-}05$
Frac	0.04851 ± 0.05236
Mean	-0.01939 ± 0.0005231
Const	$3.489\text{e-}06 \pm 1.226\text{e-}06$

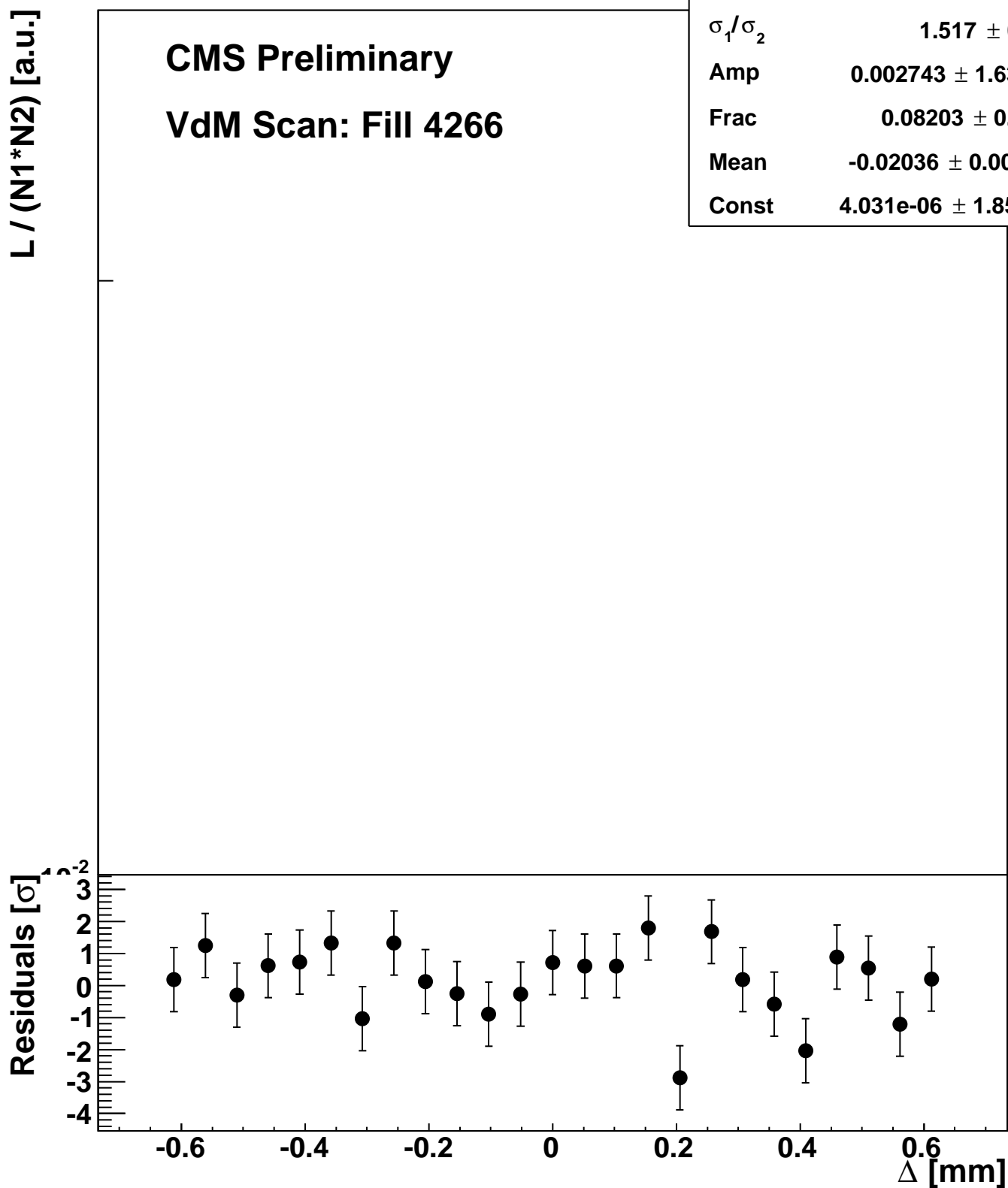


Scan 9: X-plane BCID 2371



χ^2 / ndf	33.58 / 19
Σ	0.1257 ± 0.0004805
σ_1 / σ_2	1.33 ± 0.06787
Amp	$0.002802 \pm 1.411\text{e-}05$
Frac	0.2077 ± 0.1356
Mean	-0.02034 ± 0.0004811
Const	$3.381\text{e-}06 \pm 6.681\text{e-}07$

Scan 9: X-plane BCID 2411



χ^2 / ndf	30.78 / 19
Σ	0.1273 ± 0.0008089
σ_1 / σ_2	1.517 ± 0.2556
Amp	$0.002743 \pm 1.637\text{e-}05$
Frac	0.08203 ± 0.08539
Mean	-0.02036 ± 0.0005595
Const	$4.031\text{e-}06 \pm 1.856\text{e-}06$

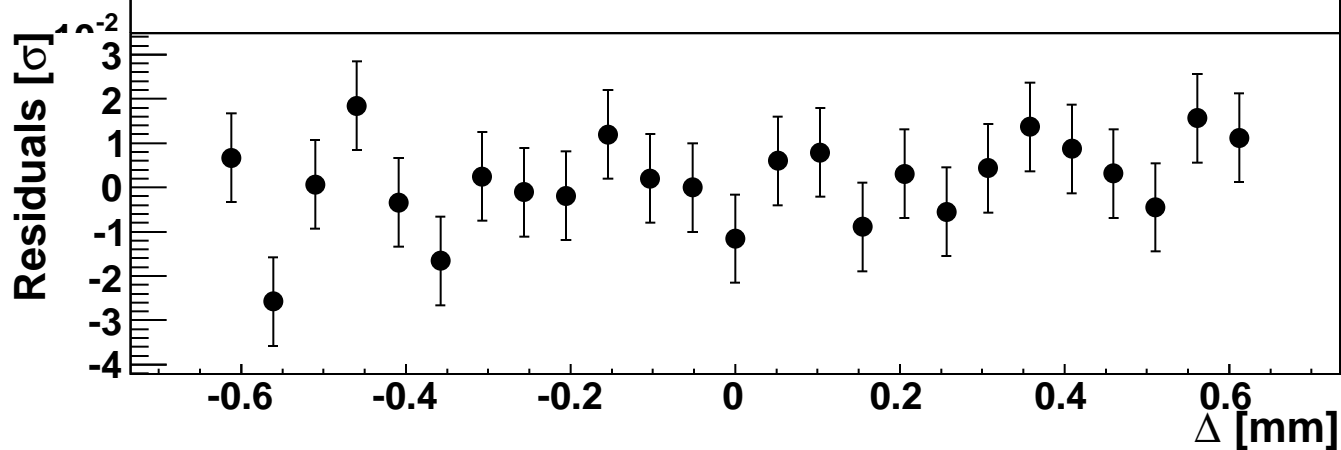
Scan 9: X-plane BCID 2451

L / (N1*N2) [a.u.]

CMS Preliminary

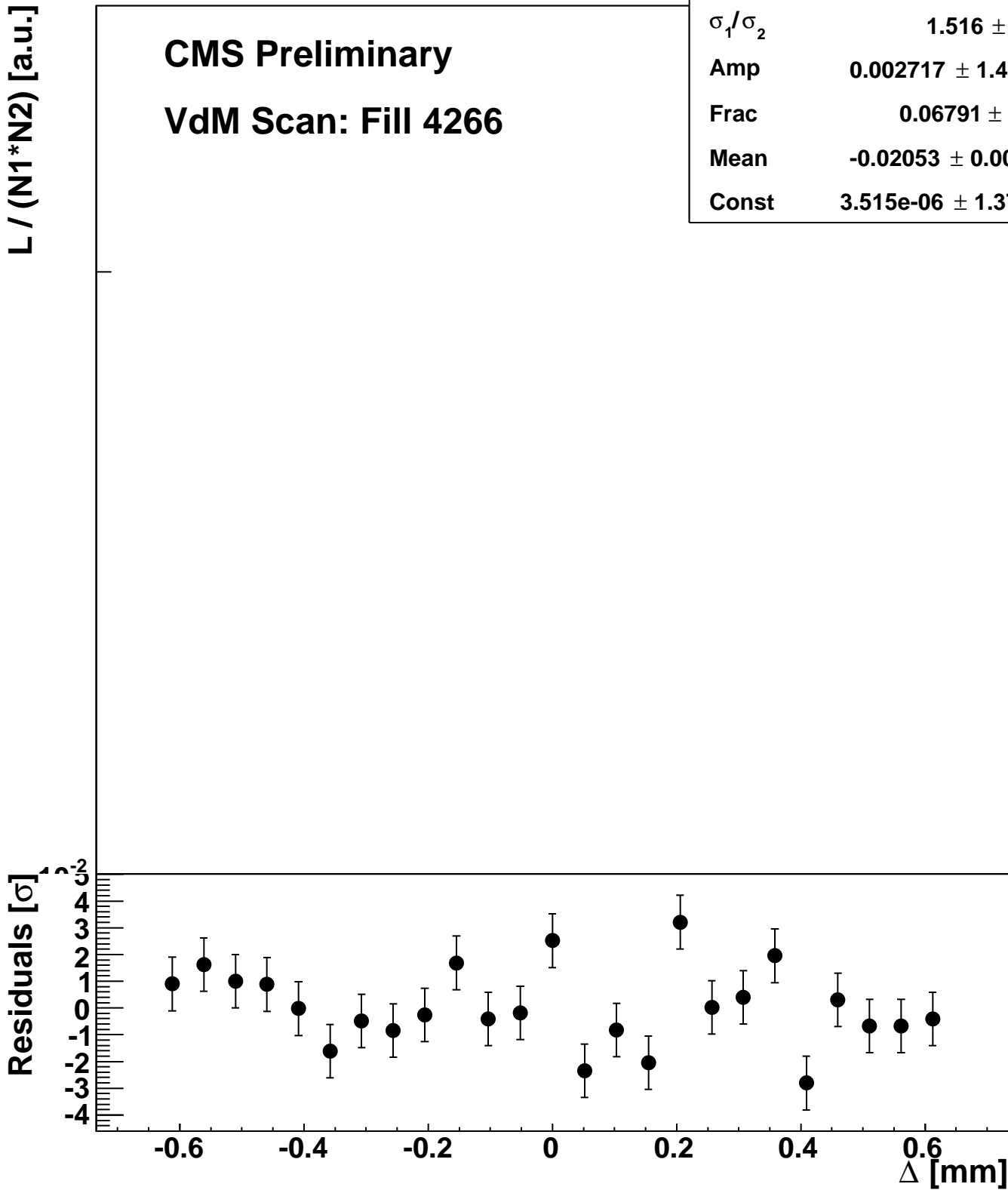
VdM Scan: Fill 4266

χ^2 / ndf	25.25 / 19
Σ	0.1272 ± 0.0005478
σ_1 / σ_2	1.36 ± 0.1182
Amp	$0.002788 \pm 1.687\text{e-}05$
Frac	0.133 ± 0.1059
Mean	-0.02012 ± 0.0005487
Const	$3.55\text{e-}06 \pm 8.6\text{e-}07$



Scan 9: X-plane BCID 251

χ^2 / ndf	51.88 / 19
Σ	0.1281 ± 0.0006498
σ_1 / σ_2	1.516 ± 0.2541
Amp	$0.002717 \pm 1.449\text{e-}05$
Frac	0.06791 ± 0.0686
Mean	-0.02053 ± 0.0005053
Const	$3.515\text{e-}06 \pm 1.379\text{e-}06$



Scan 9: X-plane BCID 2674

L / (N1*N2) [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf 22.14 / 19

Σ 0.1239 ± 0.0006413

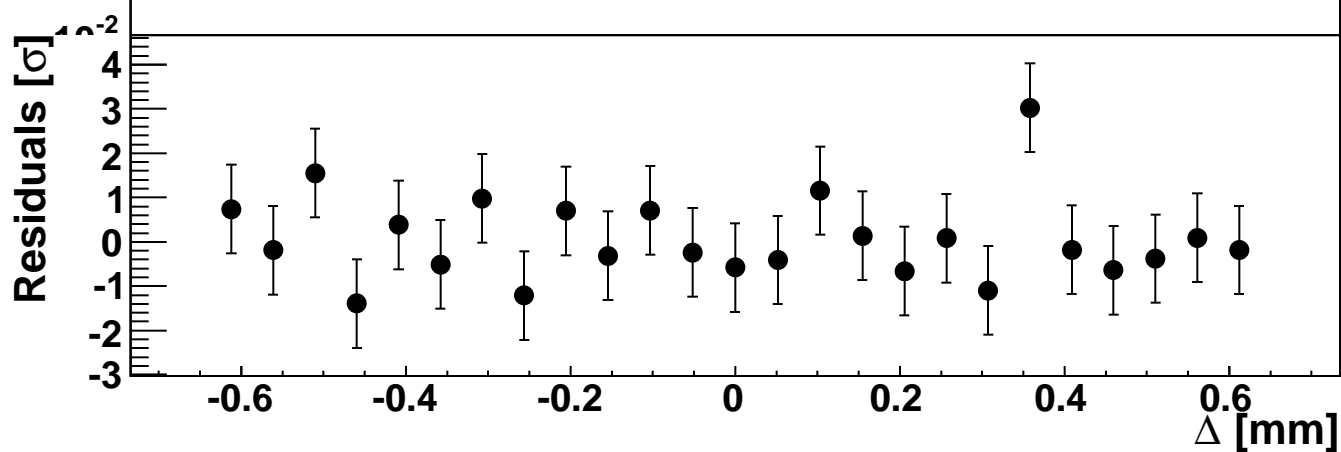
σ_1 / σ_2 1.475 ± 0.1535

Amp $0.002896 \pm 1.85\text{e-}05$

Frac 0.07909 ± 0.05673

Mean -0.02218 ± 0.0006592

Const $3.738\text{e-}06 \pm 9.623\text{e-}07$



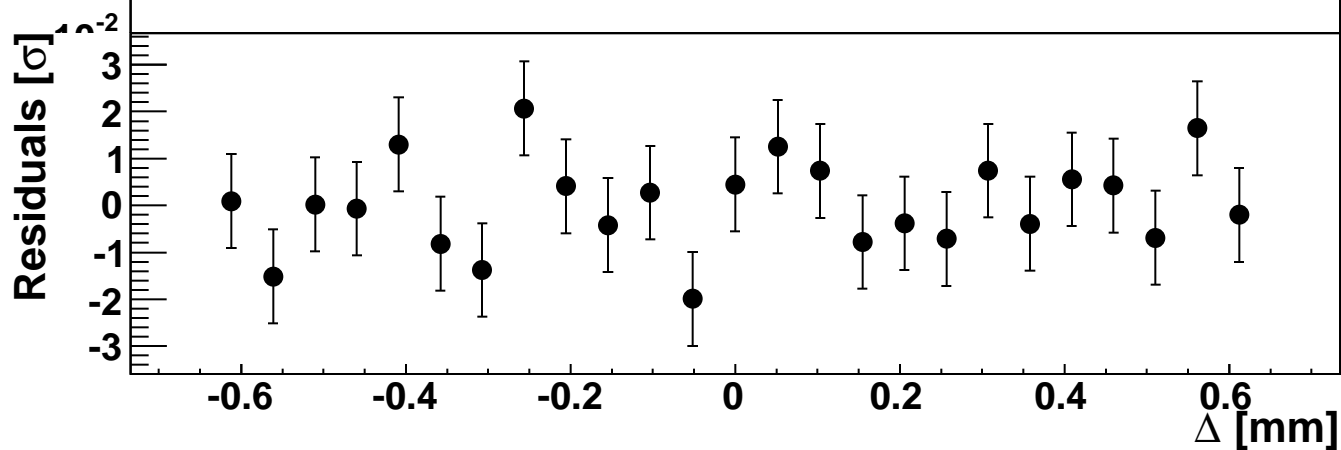
Scan 9: X-plane BCID 291

L / (N1*N2) [a.u.]

CMS Preliminary

VdM Scan: Fill 4266

χ^2 / ndf	23.2 / 19
Σ	0.1291 ± 0.0005453
σ_1 / σ_2	1.536 ± 0.2719
Amp	$0.002708 \pm 1.485\text{e-}05$
Frac	0.03879 ± 0.03808
Mean	-0.02006 ± 0.0005488
Const	$3.624\text{e-}06 \pm 1.196\text{e-}06$



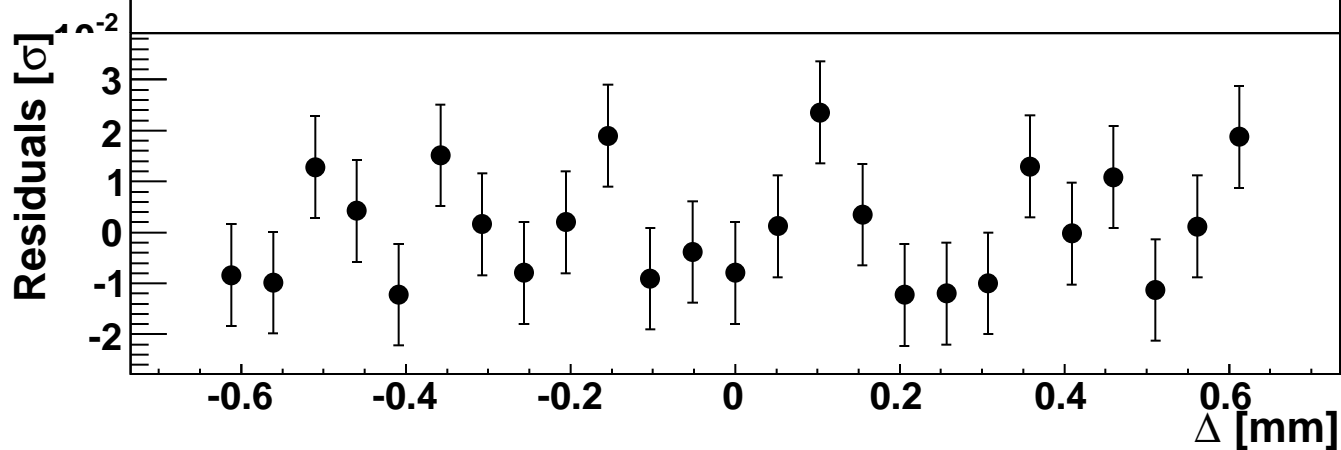
Scan 9: X-plane BCID 51

L / (N1*N2) [a.u.]

CMS Preliminary

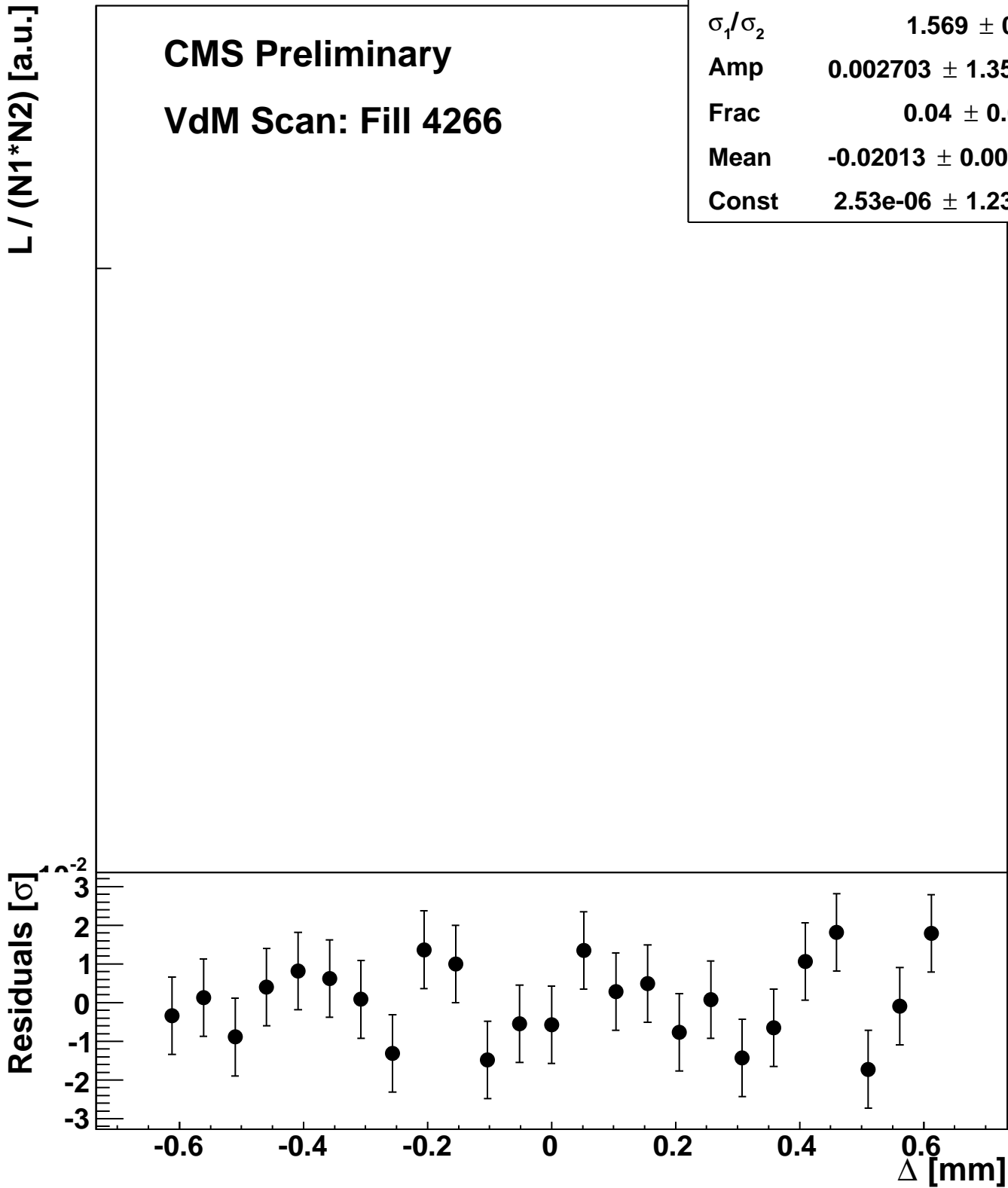
VdM Scan: Fill 4266

χ^2 / ndf	30.47 / 19
Σ	0.1298 ± 0.0004864
σ_1/σ_2	1.533 ± 0.2445
Amp	$0.002683 \pm 1.228\text{e-}05$
Frac	0.04138 ± 0.03538
Mean	-0.02015 ± 0.0004907
Const	$2.848\text{e-}06 \pm 1.19\text{e-}06$

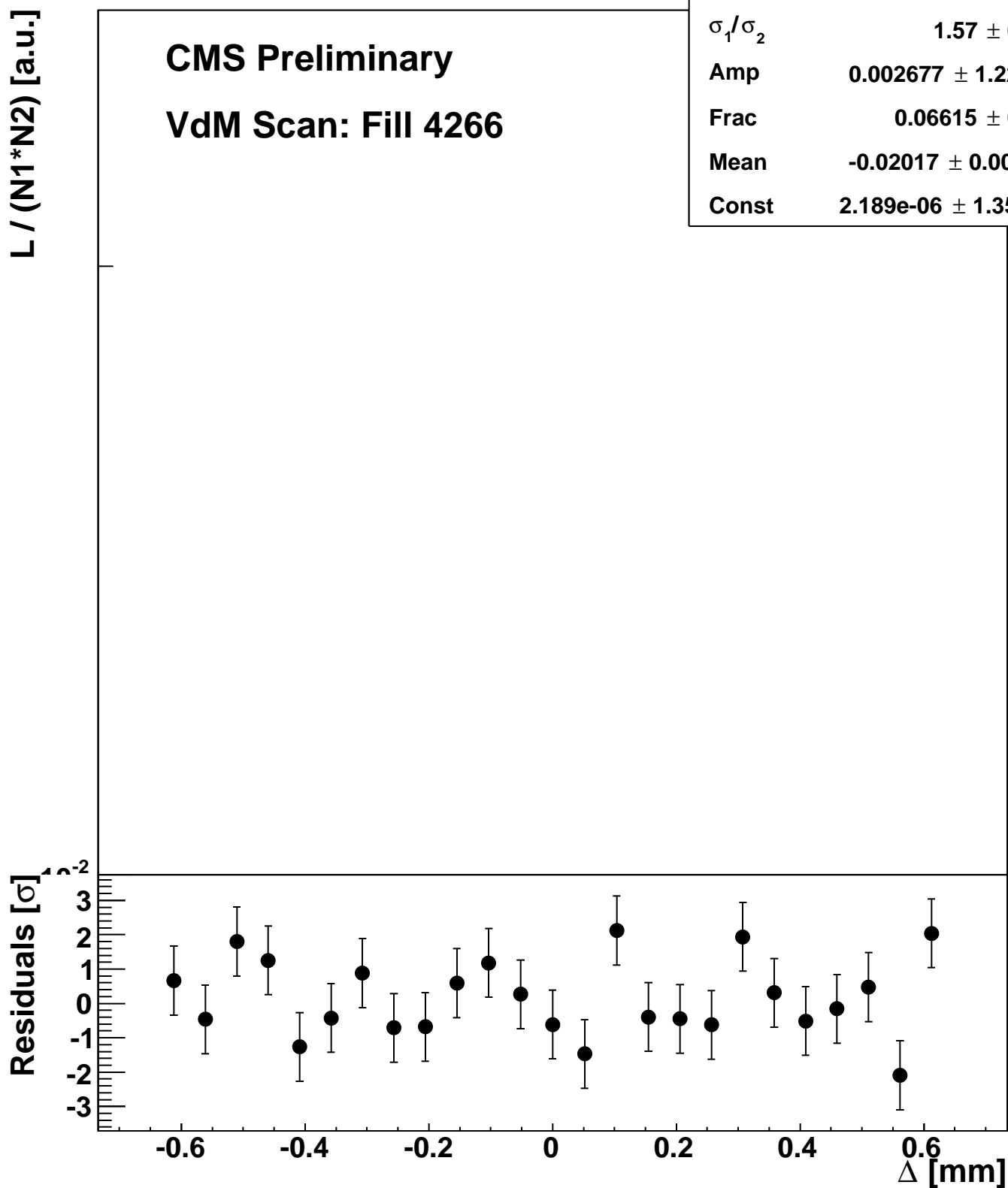


Scan 9: X-plane BCID 771

χ^2 / ndf	25.38 / 19
Σ	0.1289 ± 0.0004791
σ_1/σ_2	1.569 ± 0.2153
Amp	$0.002703 \pm 1.355\text{e-}05$
Frac	0.04 ± 0.02794
Mean	-0.02013 ± 0.0004689
Const	$2.53\text{e-}06 \pm 1.233\text{e-}06$



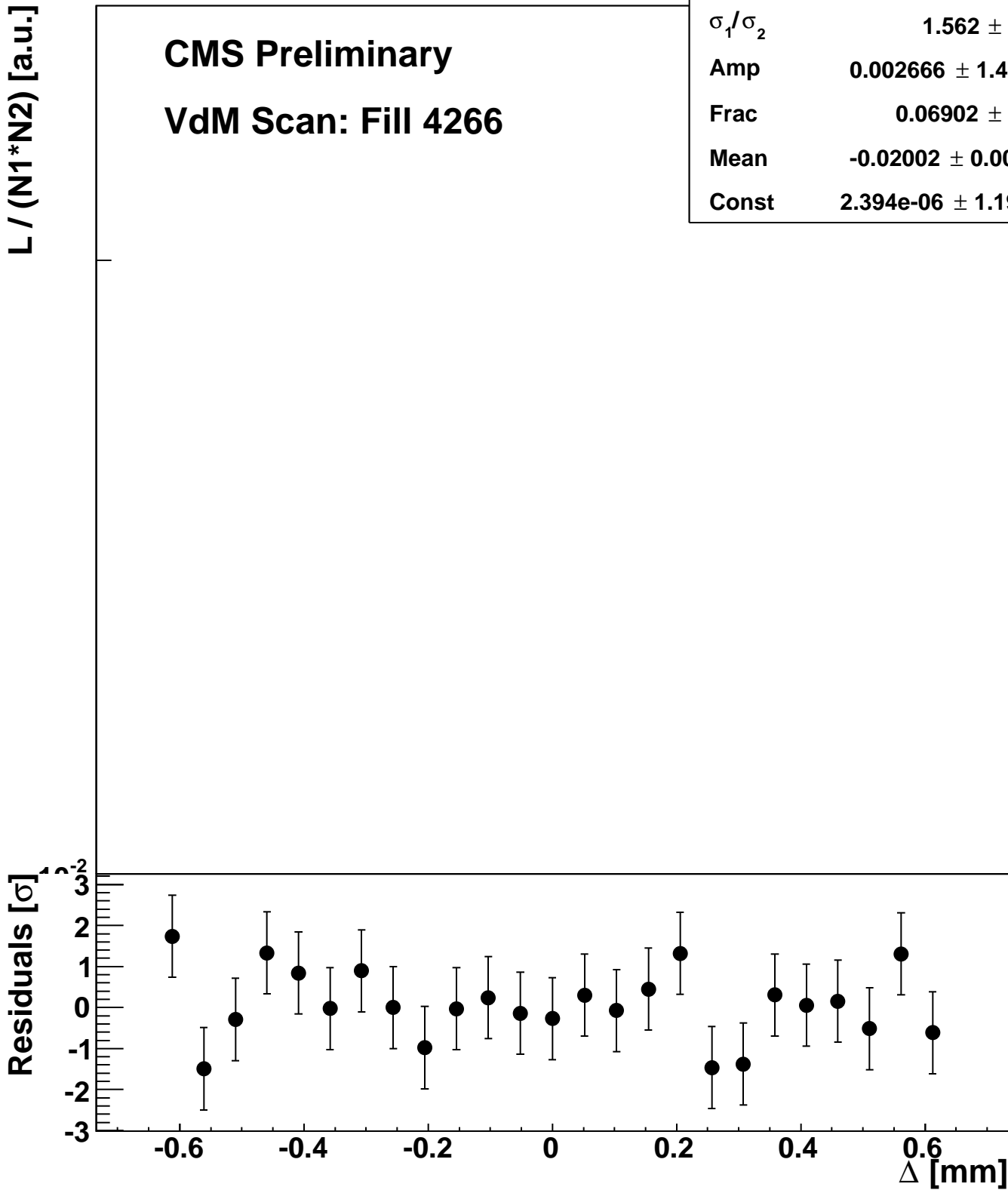
Scan 9: X-plane BCID 811



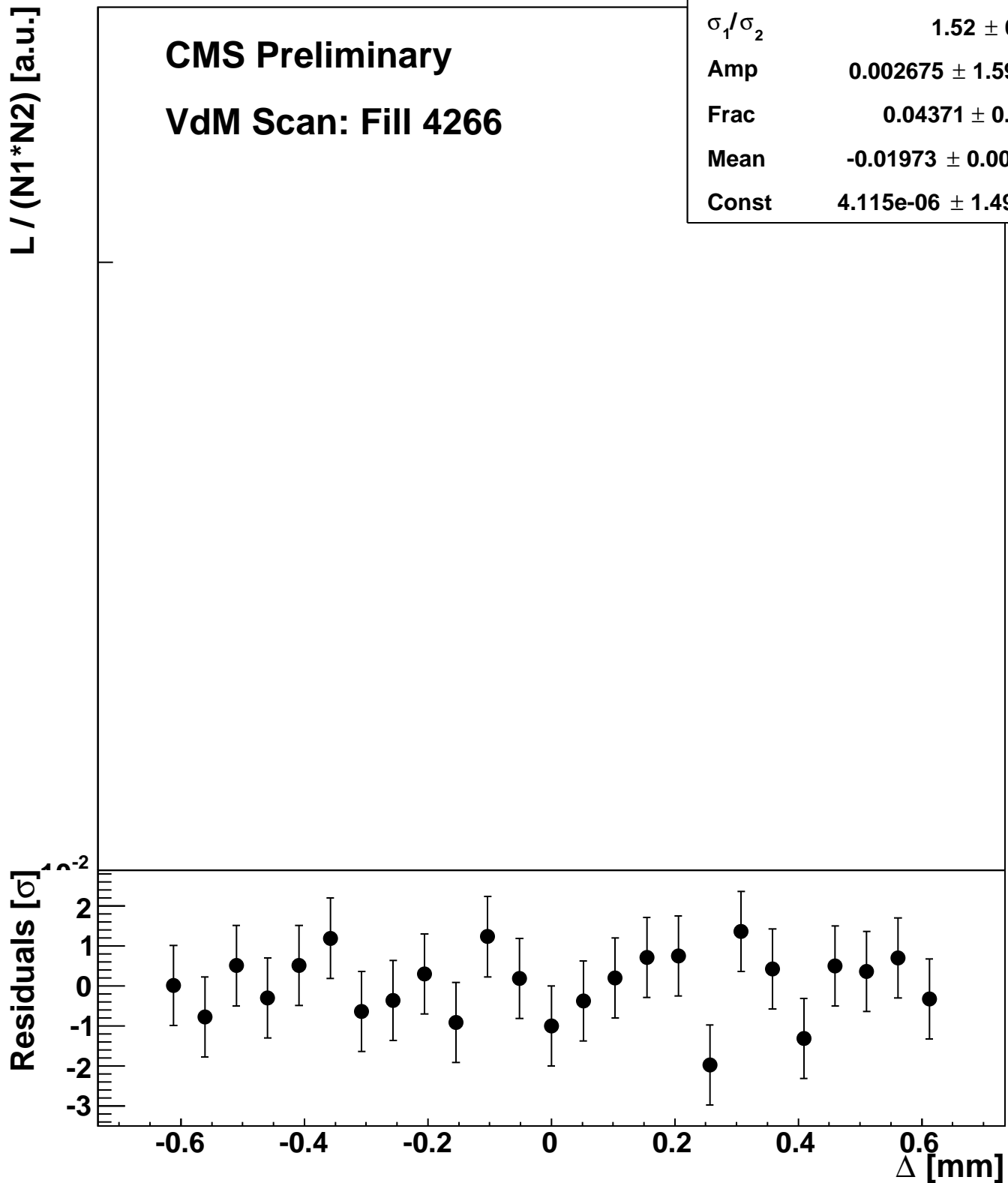
χ^2 / ndf	31.5 / 19
Σ	0.1297 ± 0.0005281
σ_1 / σ_2	1.57 ± 0.1714
Amp	$0.002677 \pm 1.224\text{e-}05$
Frac	0.06615 ± 0.0379
Mean	-0.02017 ± 0.0004576
Const	$2.189\text{e-}06 \pm 1.357\text{e-}06$

Scan 9: X-plane BCID 851

χ^2 / ndf	18.24 / 19
Σ	0.1295 ± 0.0005916
σ_1 / σ_2	1.562 ± 0.1634
Amp	$0.002666 \pm 1.478\text{e-}05$
Frac	0.06902 ± 0.0412
Mean	-0.02002 ± 0.0005104
Const	$2.394\text{e-}06 \pm 1.194\text{e-}06$



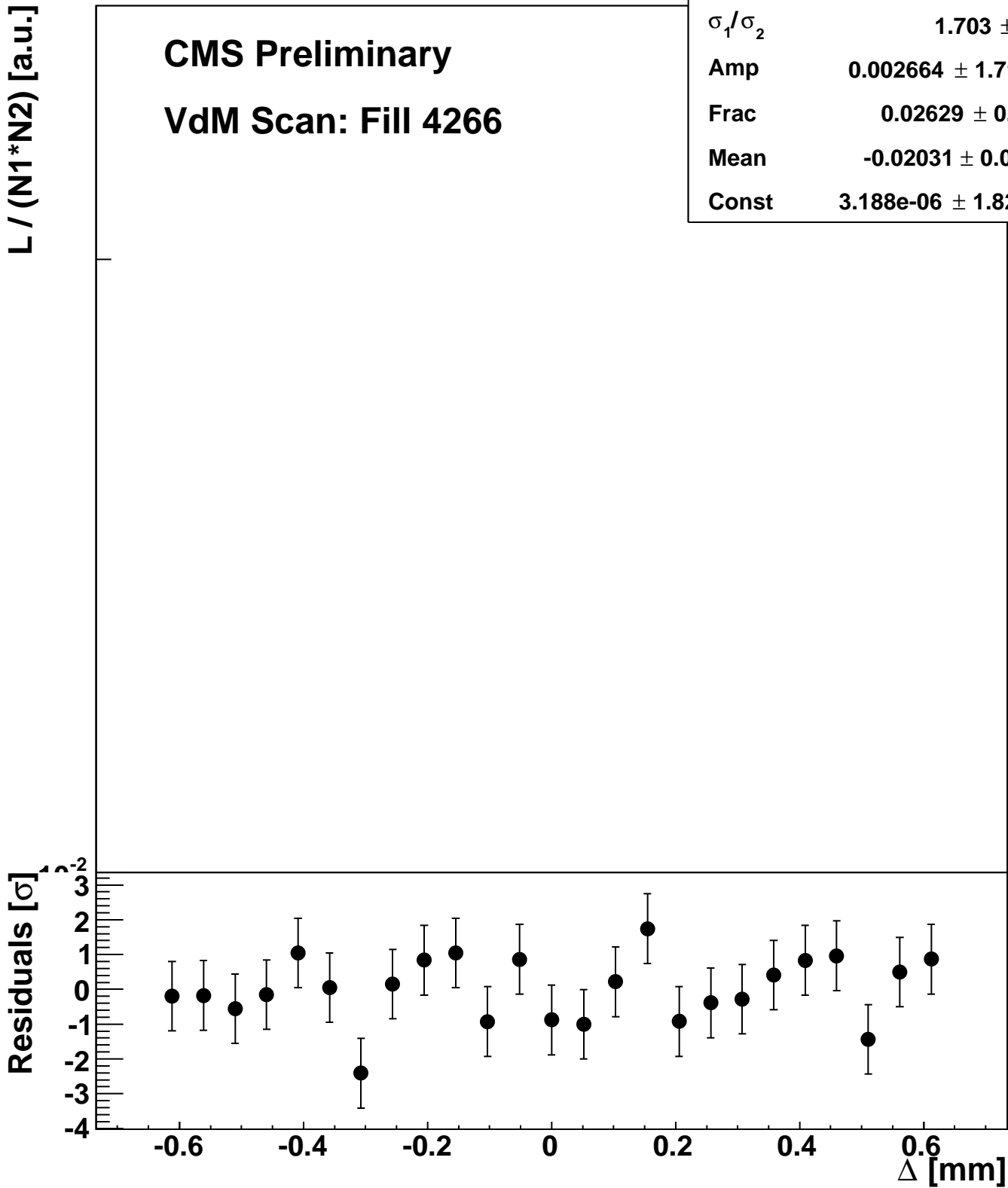
Scan 9: X-plane BCID 891



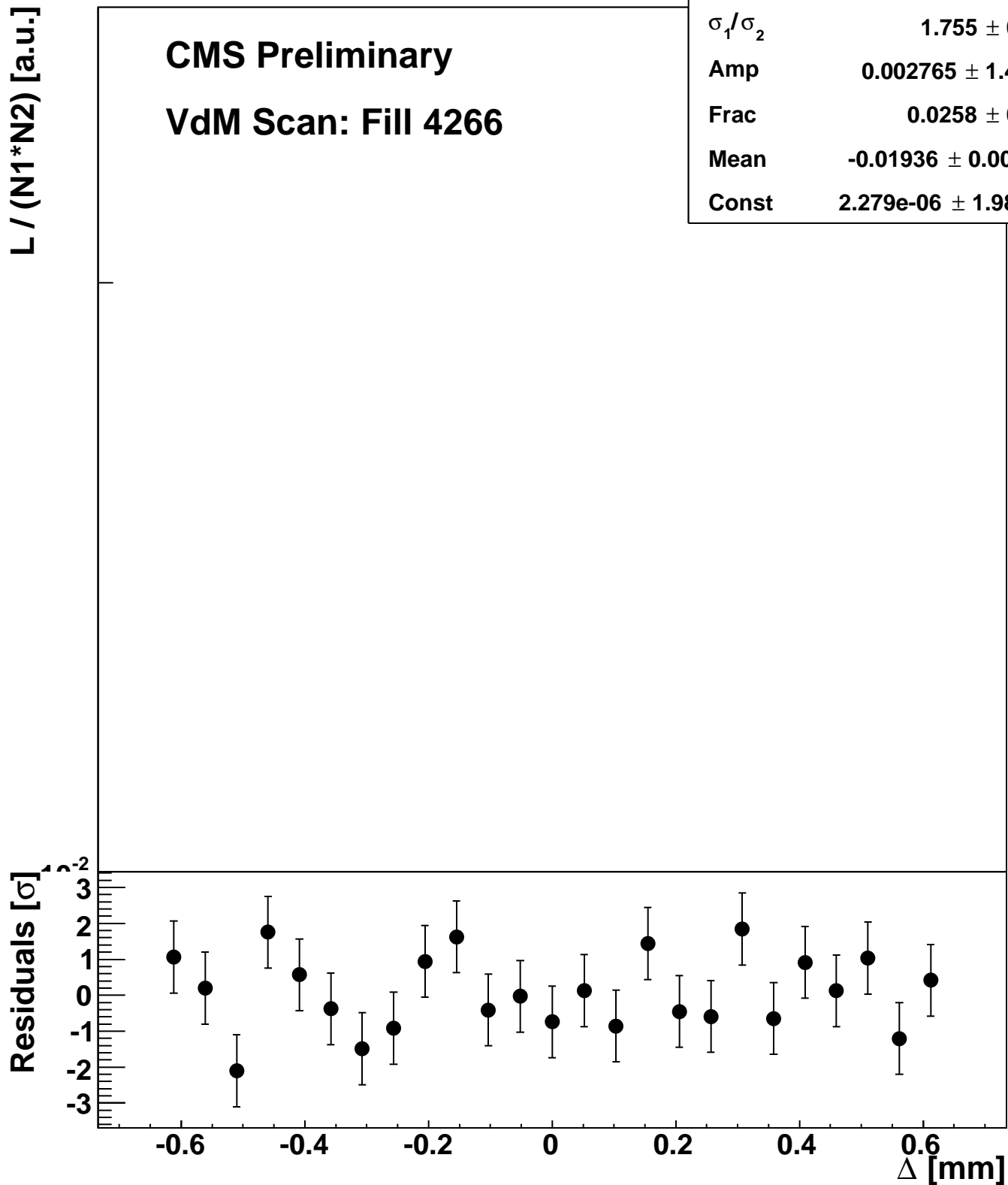
χ^2 / ndf	16.5 / 19
Σ	0.1294 ± 0.0006355
σ_1 / σ_2	1.52 ± 0.3484
Amp	$0.002675 \pm 1.591\text{e-}05$
Frac	0.04371 ± 0.05629
Mean	-0.01973 ± 0.0005268
Const	$4.115\text{e-}06 \pm 1.494\text{e-}06$

Scan 9: X-plane BCID 91

χ^2 / ndf	21.51 / 19
Σ	0.1294 ± 0.0006025
σ_1 / σ_2	1.703 ± 0.332
Amp	$0.002664 \pm 1.712\text{e-}05$
Frac	0.02629 ± 0.01996
Mean	-0.02031 ± 0.000554
Const	$3.188\text{e-}06 \pm 1.824\text{e-}06$

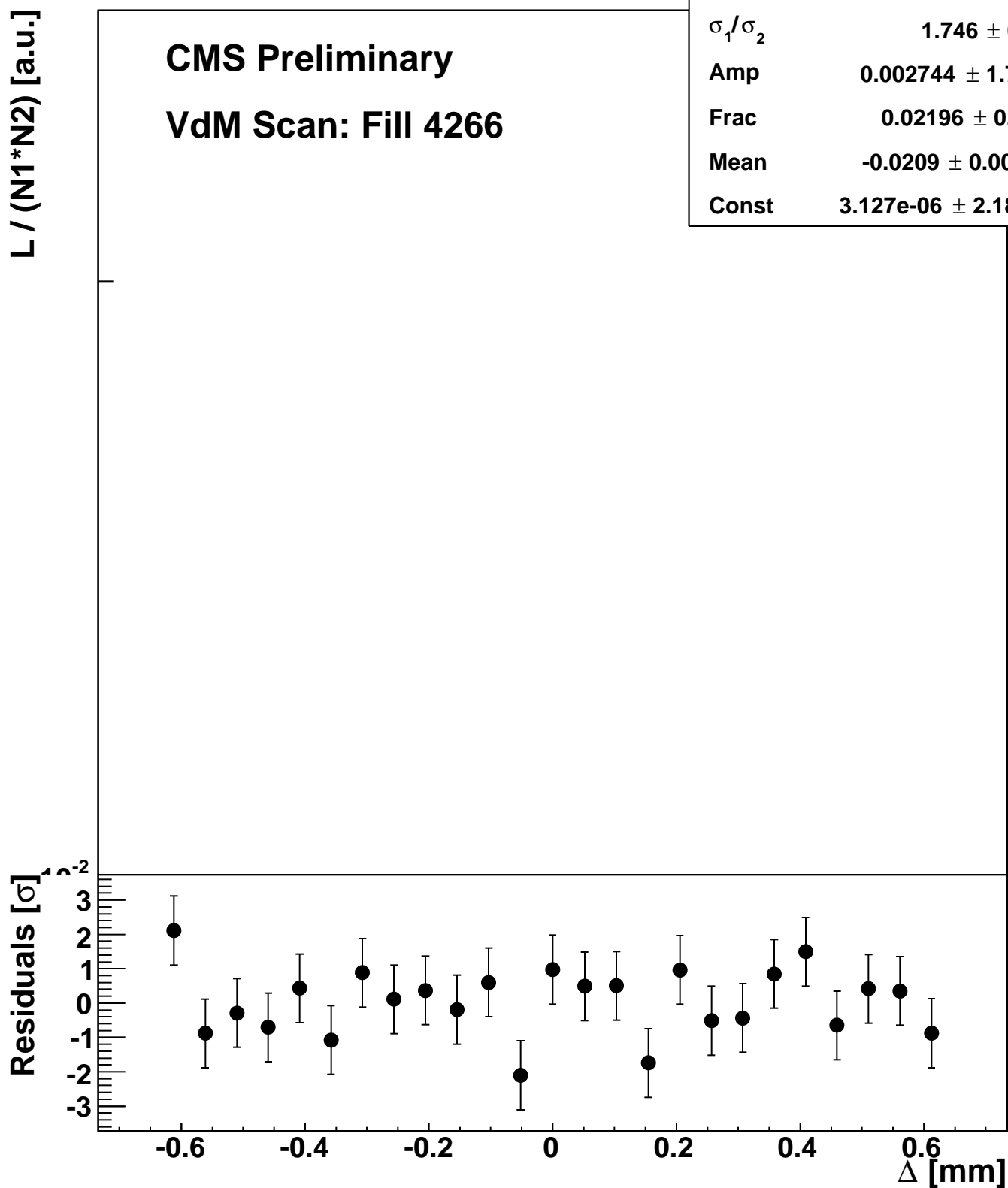


Scan 9: X-plane BCID 931



χ^2 / ndf	27.2 / 19
Σ	0.1275 ± 0.0006139
σ_1 / σ_2	1.755 ± 0.3792
Amp	$0.002765 \pm 1.48\text{e-}05$
Frac	0.0258 ± 0.0204
Mean	-0.01936 ± 0.0005133
Const	$2.279\text{e-}06 \pm 1.986\text{e-}06$

Scan 9: X-plane BCID 971



χ^2 / ndf	23.23 / 19
Σ	0.1278 ± 0.0007613
σ_1 / σ_2	1.746 ± 0.5495
Amp	$0.002744 \pm 1.77\text{e-}05$
Frac	0.02196 ± 0.02595
Mean	-0.0209 ± 0.0005584
Const	$3.127\text{e-}06 \pm 2.186\text{e-}06$

Scan 9: X-plane BCID sum

