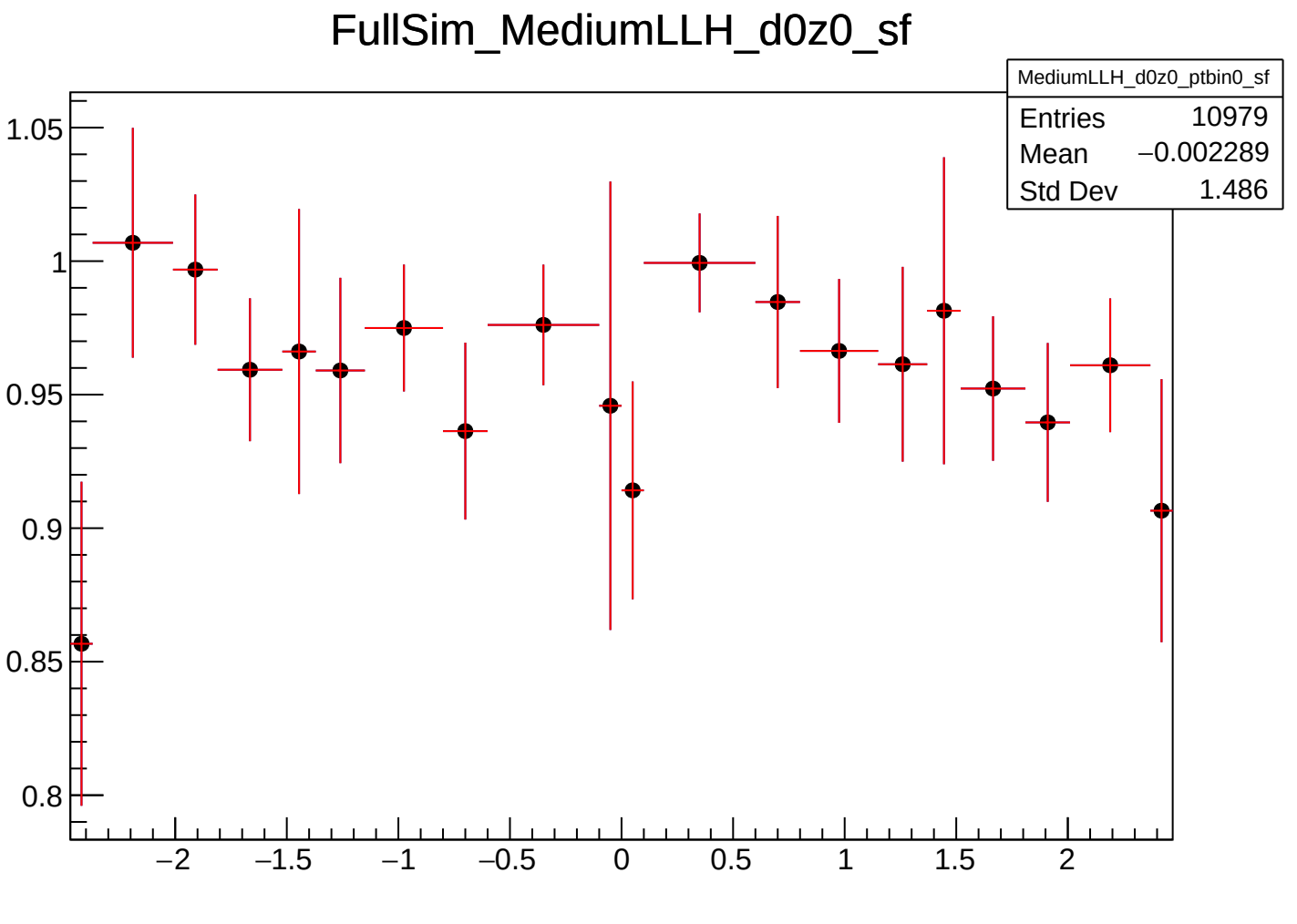
FullSim_MediumLLH_d0z0_sf
MediumLLH_d0z0_ptbin0_sf
Entries 10979
Mean −0.002289
Std Dev 1.486
1.05
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0.85
0.8
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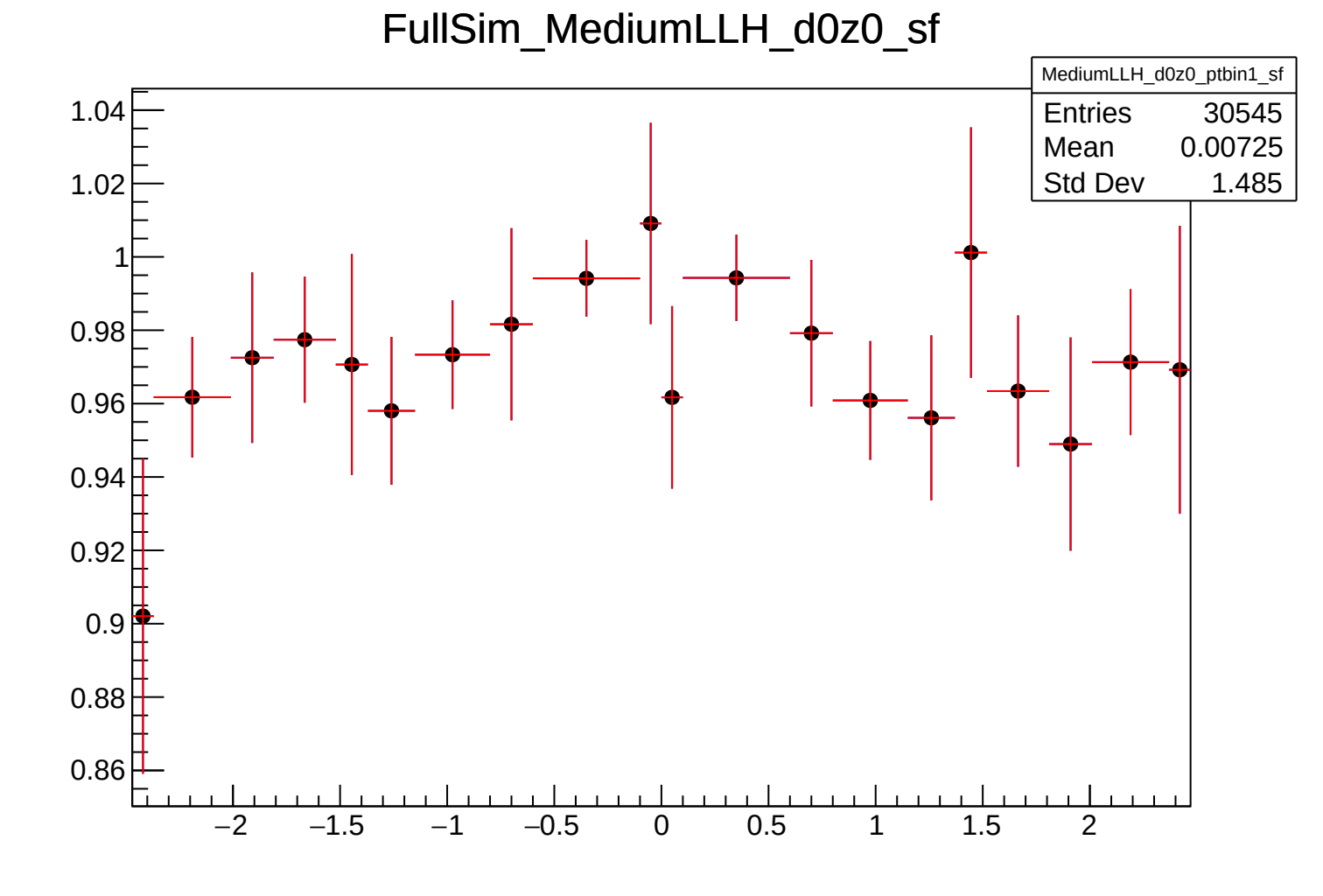
FullSim_MediumLLH_d0z0_sf
MediumLLH_d0z0_ptbin1_sf
Entries 30545
Mean 0.00725
Std Dev 1.485
1.04
1.02
1
0.98
0.96
0.94
0.92
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0.88
0.86
−2
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−0.5
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1
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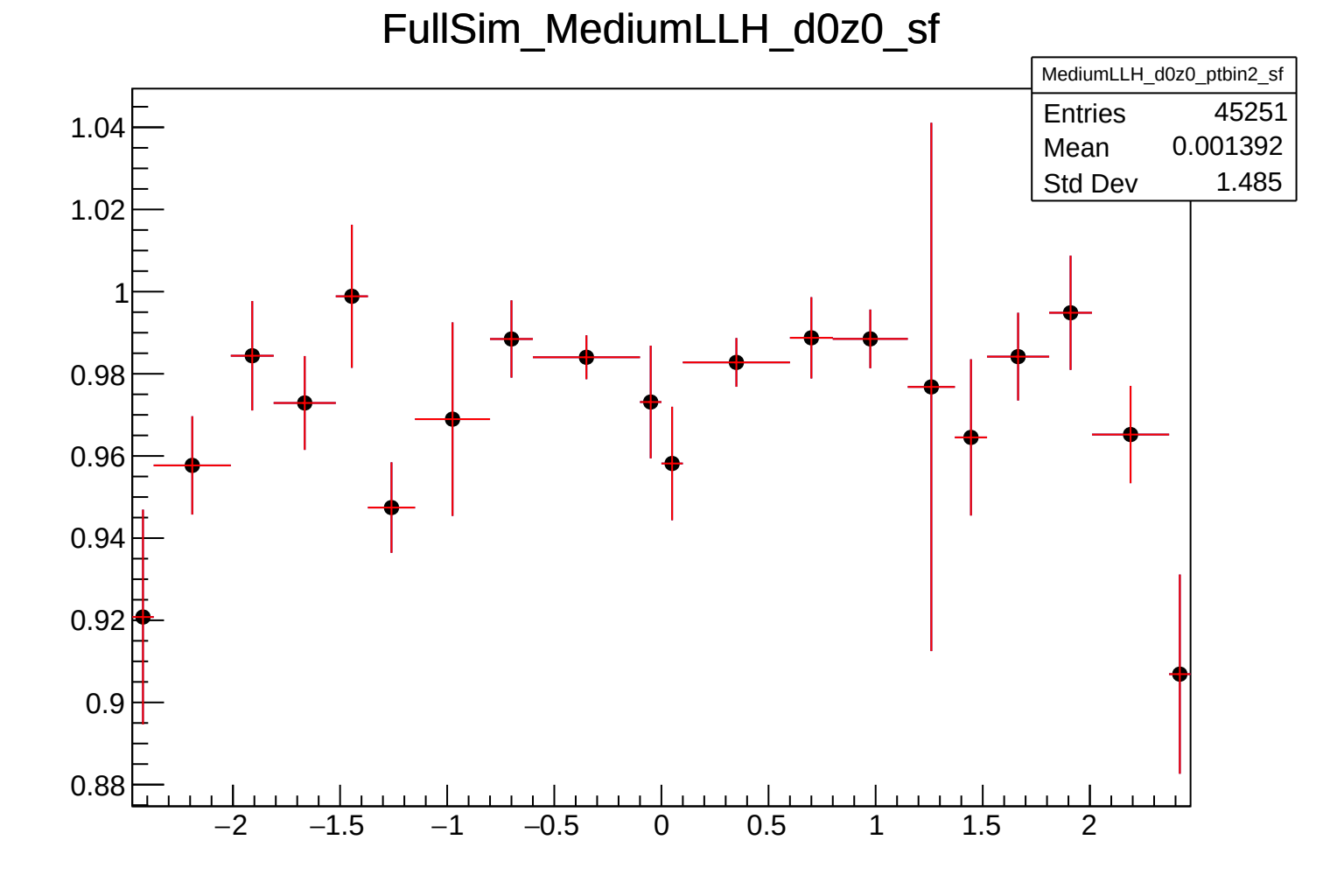
FullSim_MediumLLH_d0z0_sf
MediumLLH_d0z0_ptbin2_sf
Entries 45251
Mean 0.001392
Std Dev 1.485
1.04
1.02
1
0.98
0.96
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0.9
0.88
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1
1.5
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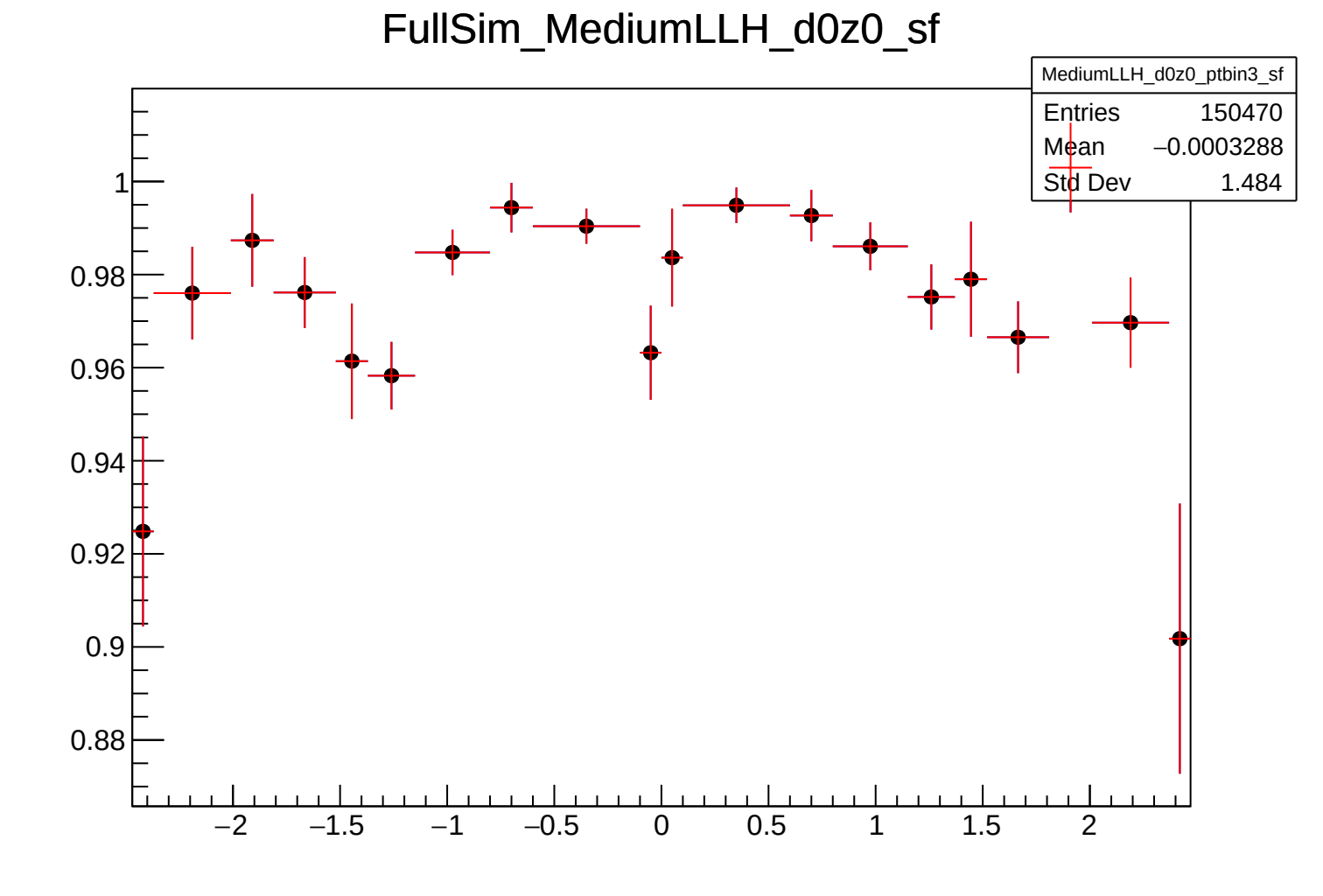
FullSim_MediumLLH_d0z0_sf
MediumLLH_d0z0_ptbin3_sf
Entries 150470
Mean −0.0003288
Std Dev 1.484
1
0.98
0.96
0.94
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0.9
0.88
−2
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0.5
1
1.5
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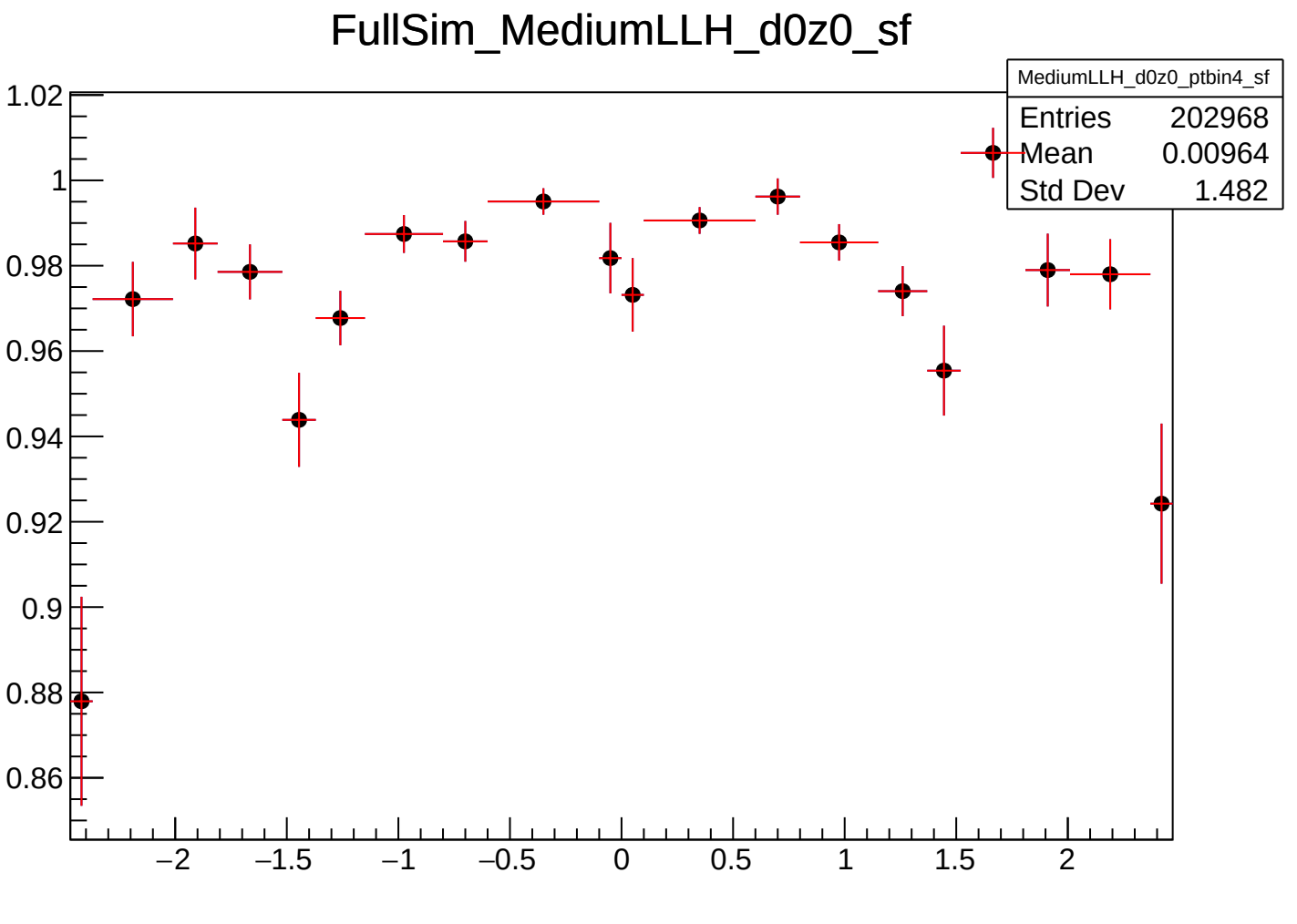
FullSim_MediumLLH_d0z0_sf
MediumLLH_d0z0_ptbin4_sf
Entries 202968
Mean 0.00964
Std Dev 1.482
1.02
1
0.98
0.96
0.94
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0.86
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1
1.5
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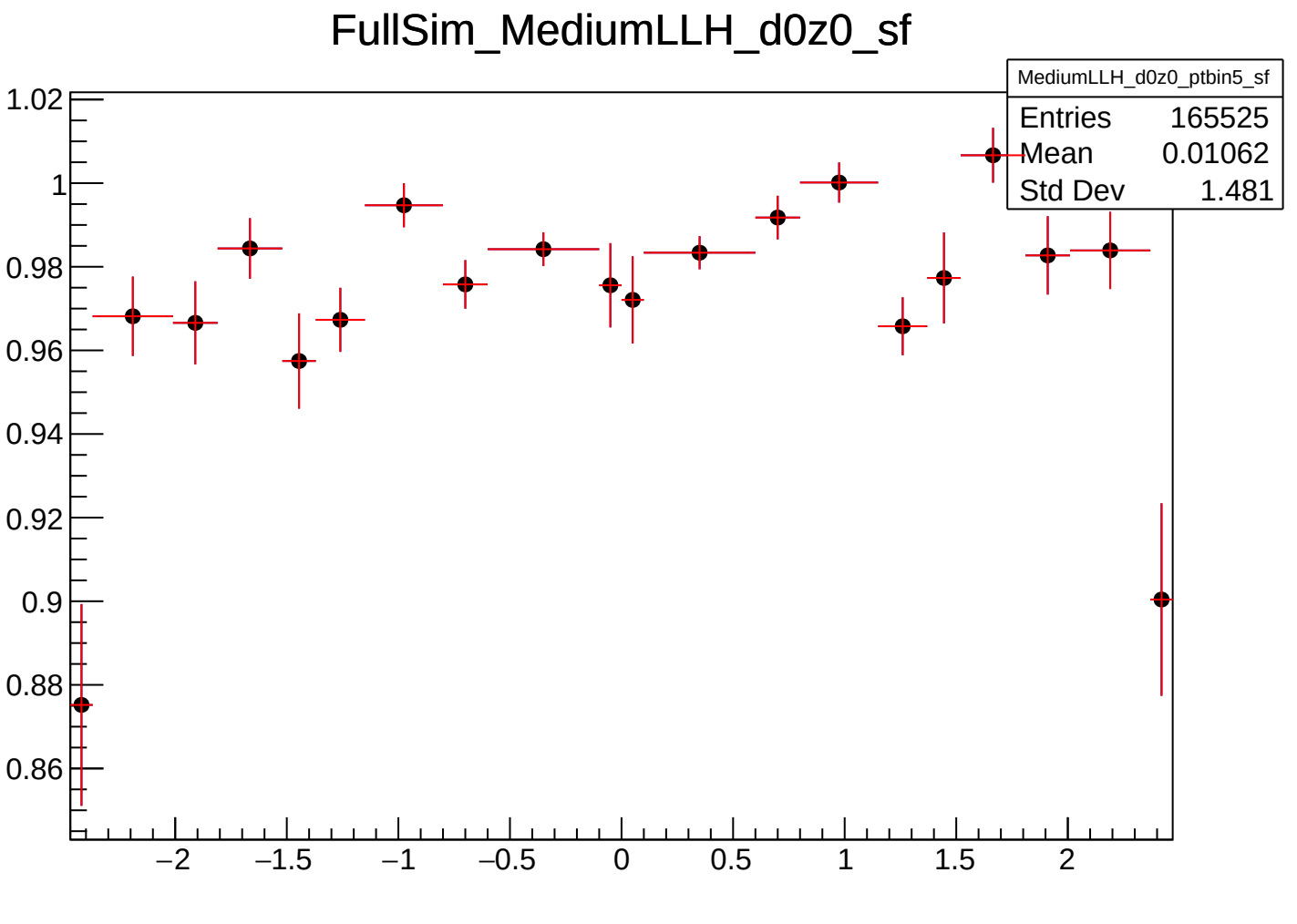
FullSim_MediumLLH_d0z0_sf
MediumLLH_d0z0_ptbin5_sf
Entries 165525
Mean 0.01062
Std Dev 1.481
1.02
1
0.98
0.96
0.94
0.92
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0.88
0.86
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1
1.5
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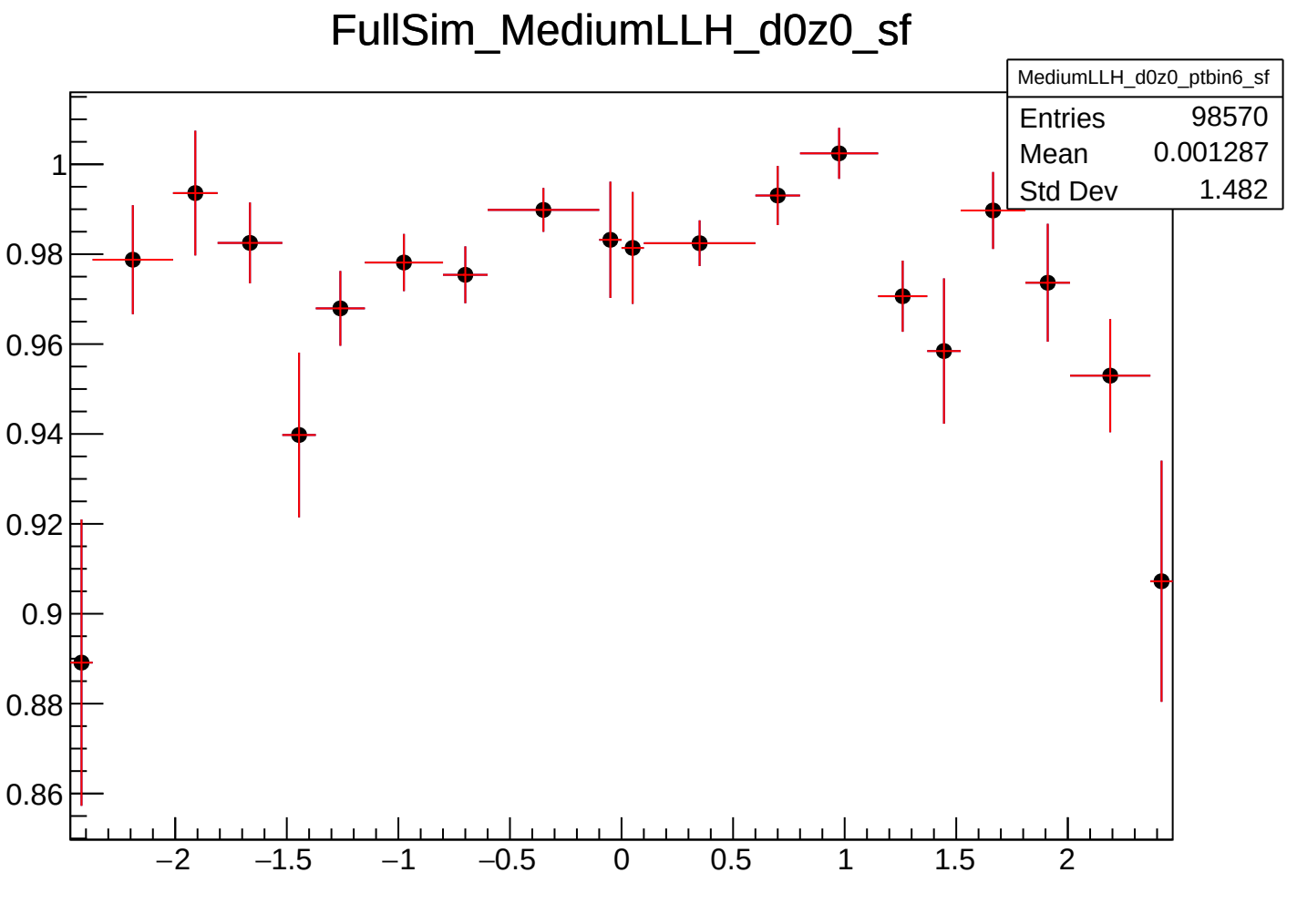
FullSim_MediumLLH_d0z0_sf
MediumLLH_d0z0_ptbin6_sf
Entries 98570
Mean 0.001287
Std Dev 1.482
1
0.98
0.96
0.94
0.92
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0.88
0.86
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1
1.5
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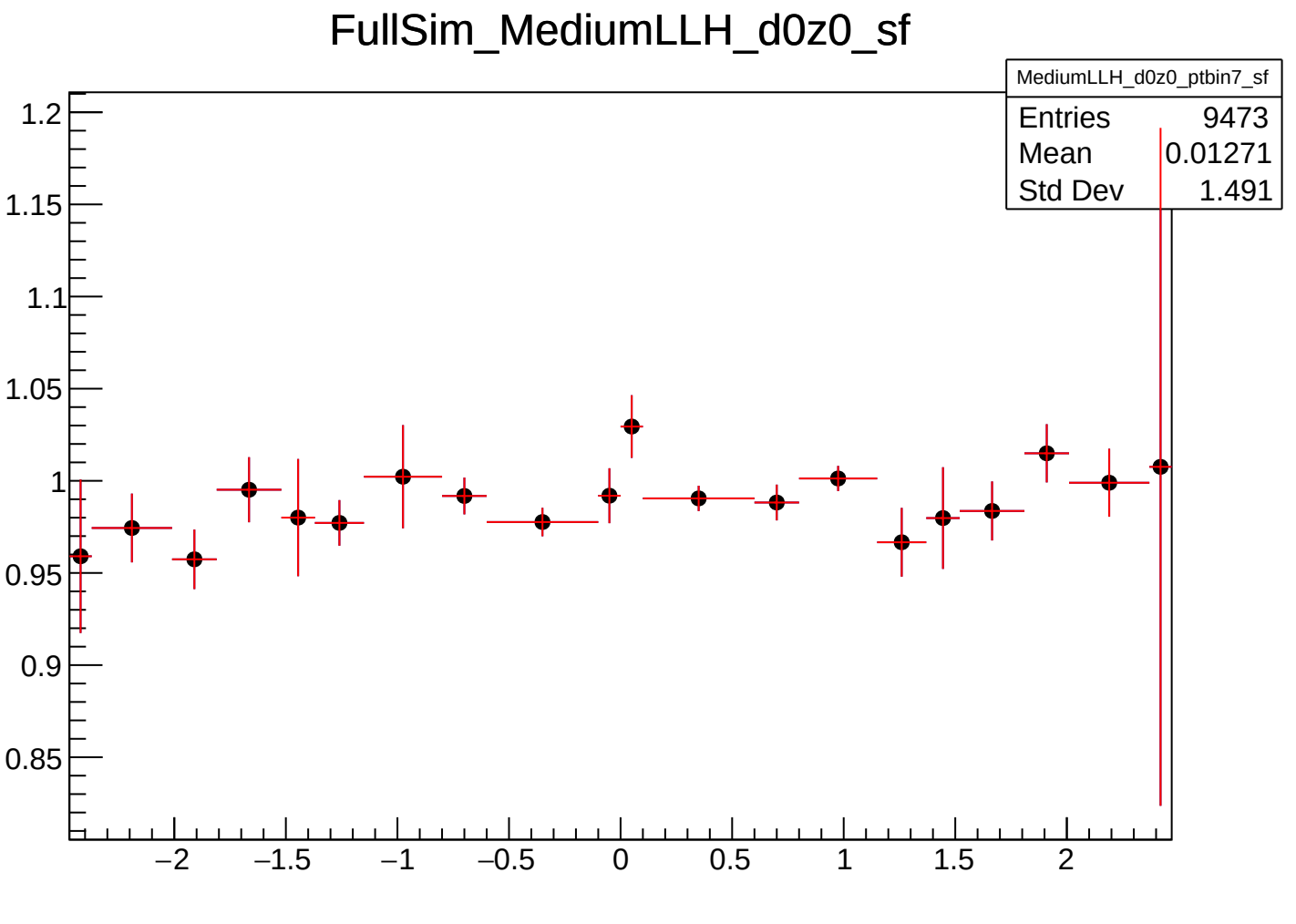
FullSim_MediumLLH_d0z0_sf
MediumLLH_d0z0_ptbin7_sf
Entries 9473
Mean 0.01271
Std Dev 1.491
1.2
1.15
1.1
1.05
1
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0.9
0.85
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−1.5
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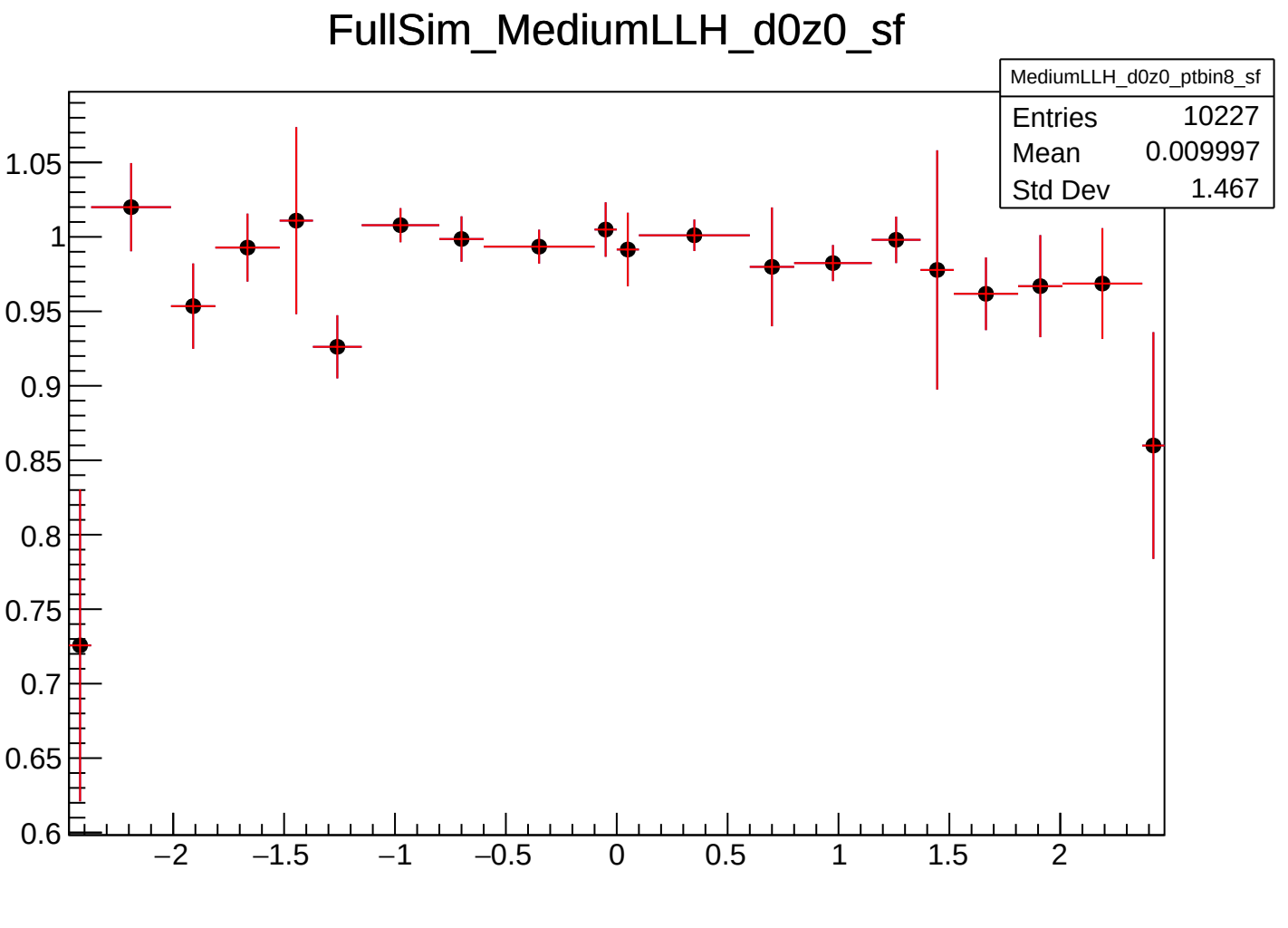
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_sf
MediumLLH_d0z0_ptbin8_sf
Entries 10227
Mean 0.009997
Std Dev 1.467
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1
0.95
0.9
0.85
0.8
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0.65
0.6
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1.5
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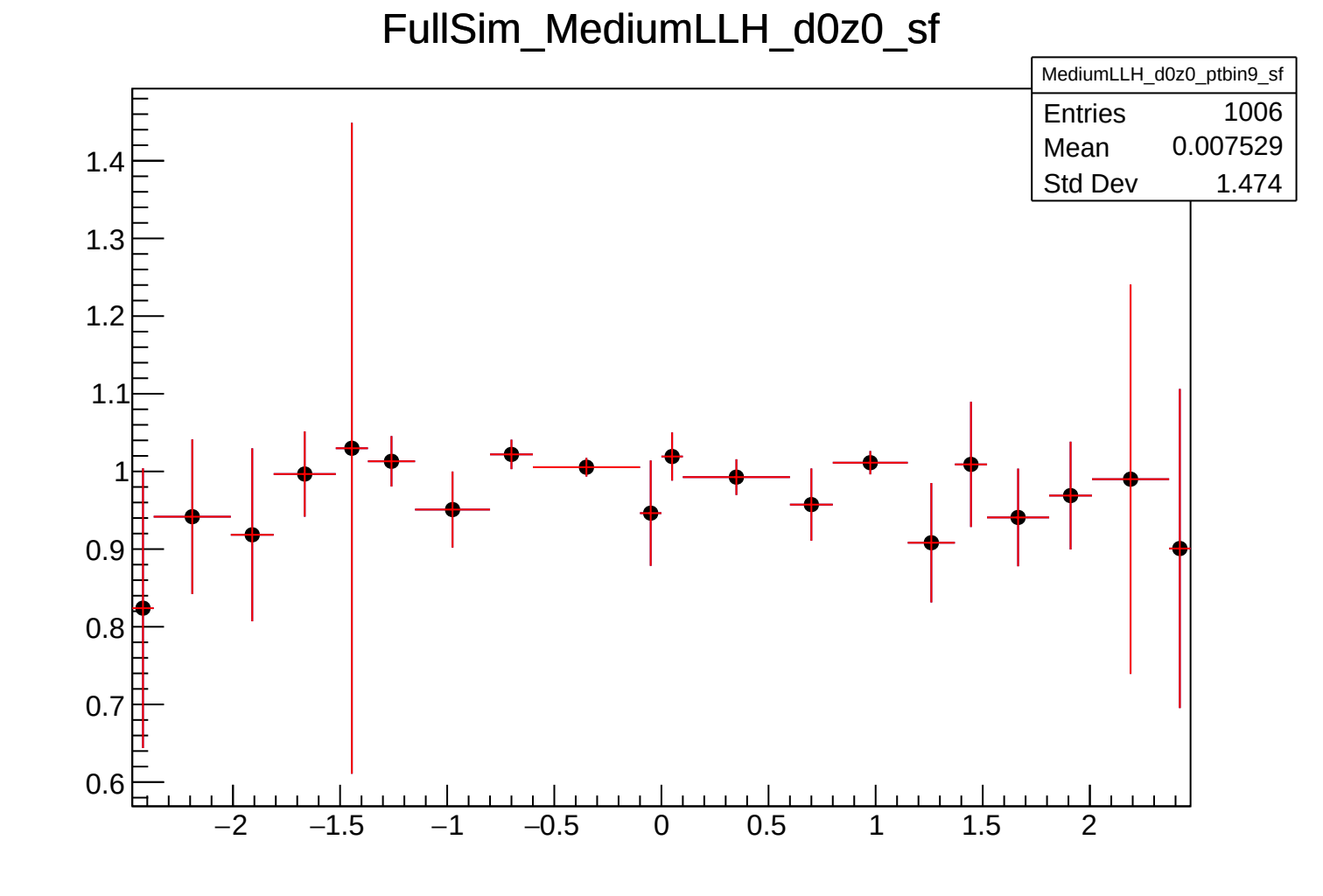
FullSim_MediumLLH_d0z0_sf
MediumLLH_d0z0_ptbin9_sf
Entries 1006
Mean 0.007529
Std Dev 1.474
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
−2
−1.5
−1
−0.5
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1
1.5
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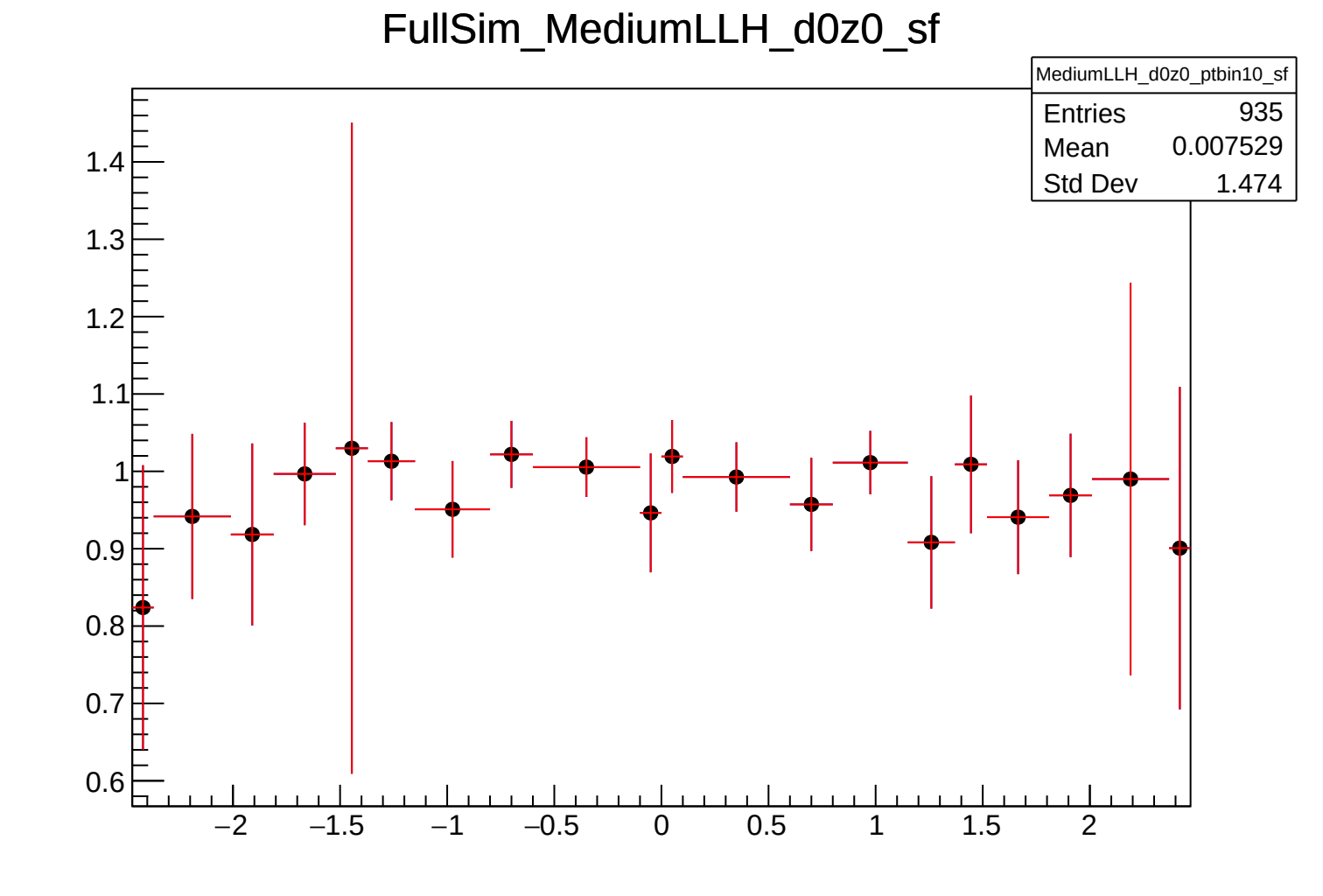
FullSim_MediumLLH_d0z0_sf
MediumLLH_d0z0_ptbin10_sf
Entries 935
Mean 0.007529
Std Dev 1.474
1.4
1.3
1.2
1.1
1
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0.7
0.6
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1
1.5
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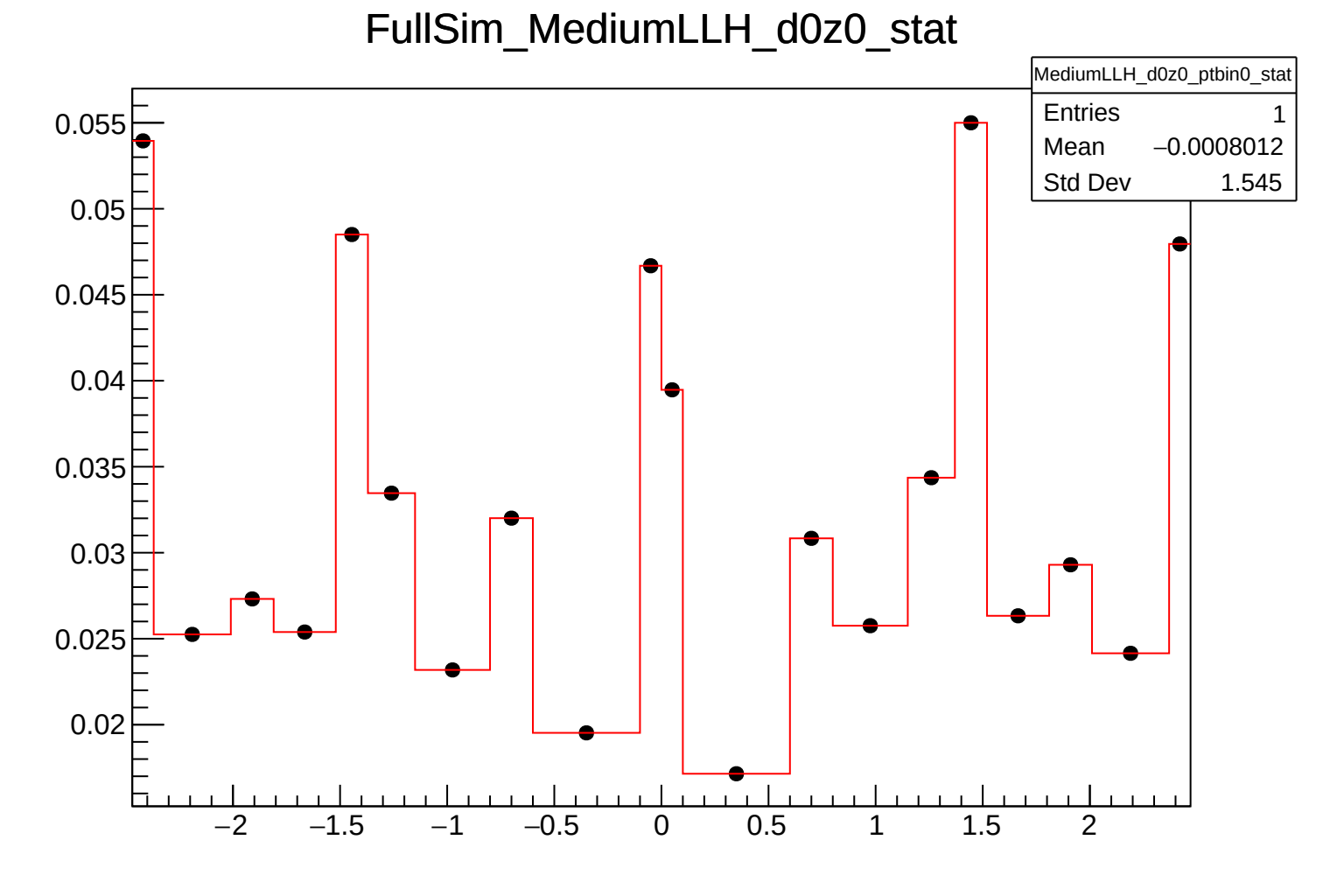
FullSim_MediumLLH_d0z0_stat
MediumLLH_d0z0_ptbin0_stat
Entries 1
Mean −0.0008012
Std Dev 1.545
0.055
0.05
0.045
0.04
0.035
0.03
0.025
0.02
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1.5
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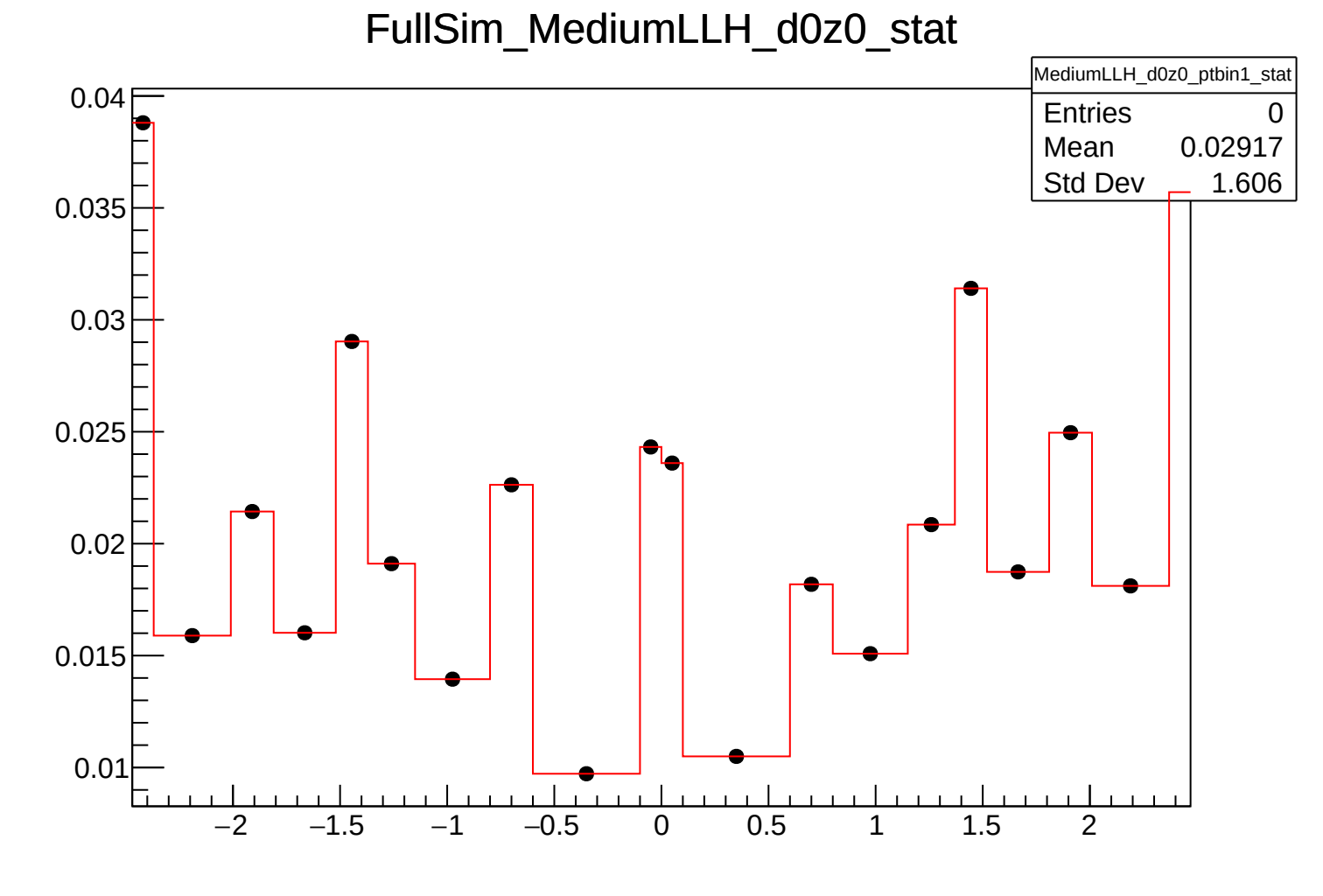
FullSim_MediumLLH_d0z0_stat
MediumLLH_d0z0_ptbin1_stat
Entries 0
Mean 0.02917
Std Dev 1.606
0.04
0.035
0.03
0.025
0.02
0.015
0.01
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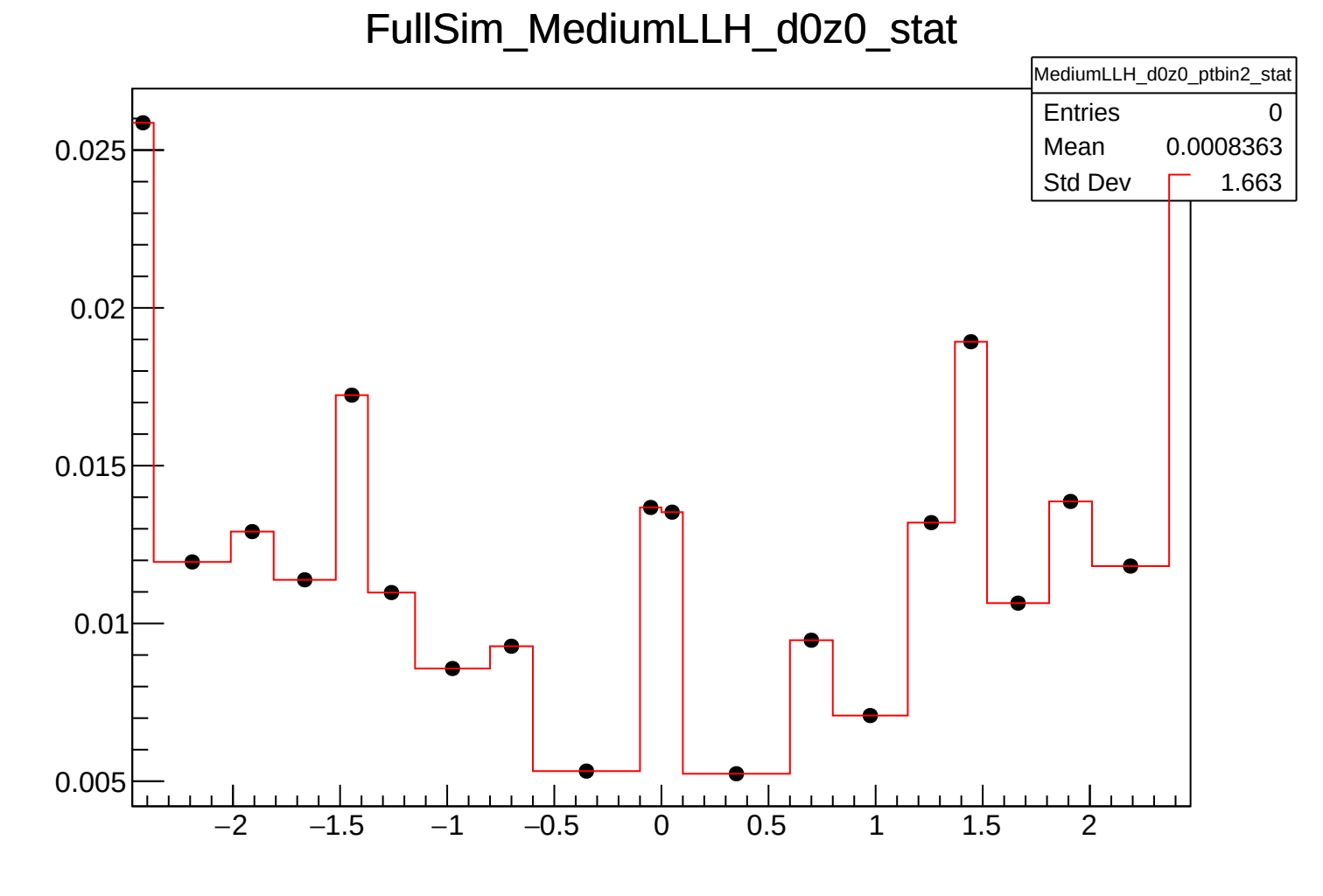
FullSim_MediumLLH_d0z0_stat
MediumLLH_d0z0_ptbin2_stat
Entries 0
Mean 0.0008363
Std Dev 1.663
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0.01
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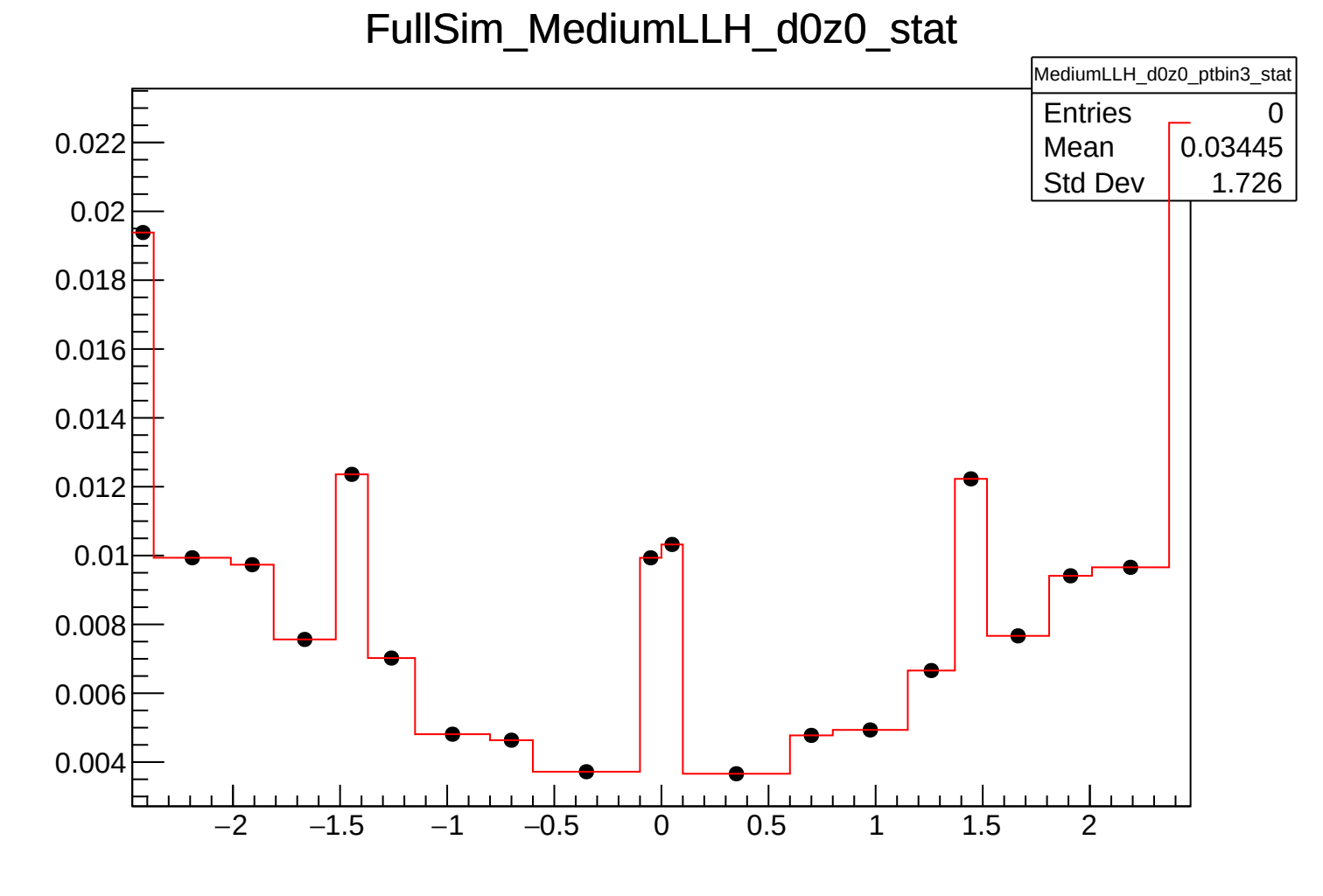
FullSim_MediumLLH_d0z0_stat
MediumLLH_d0z0_ptbin3_stat
Entries 0
Mean 0.03445
Std Dev 1.726
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0.02
0.018
0.016
0.014
0.012
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0.006
0.004
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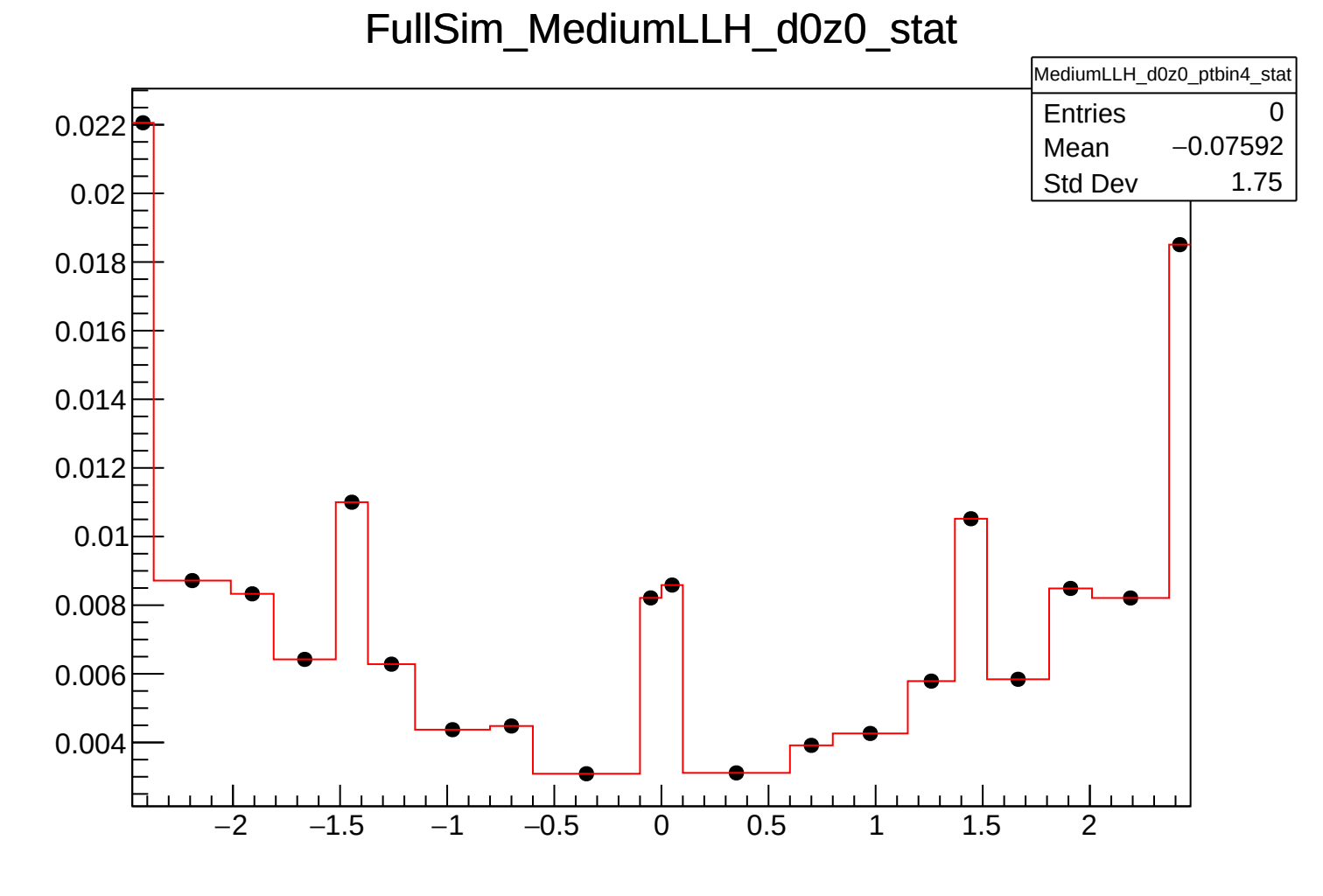
FullSim_MediumLLH_d0z0_stat
MediumLLH_d0z0_ptbin4_stat
Entries 0
Mean −0.07592
Std Dev 1.75
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0.02
0.018
0.016
0.014
0.012
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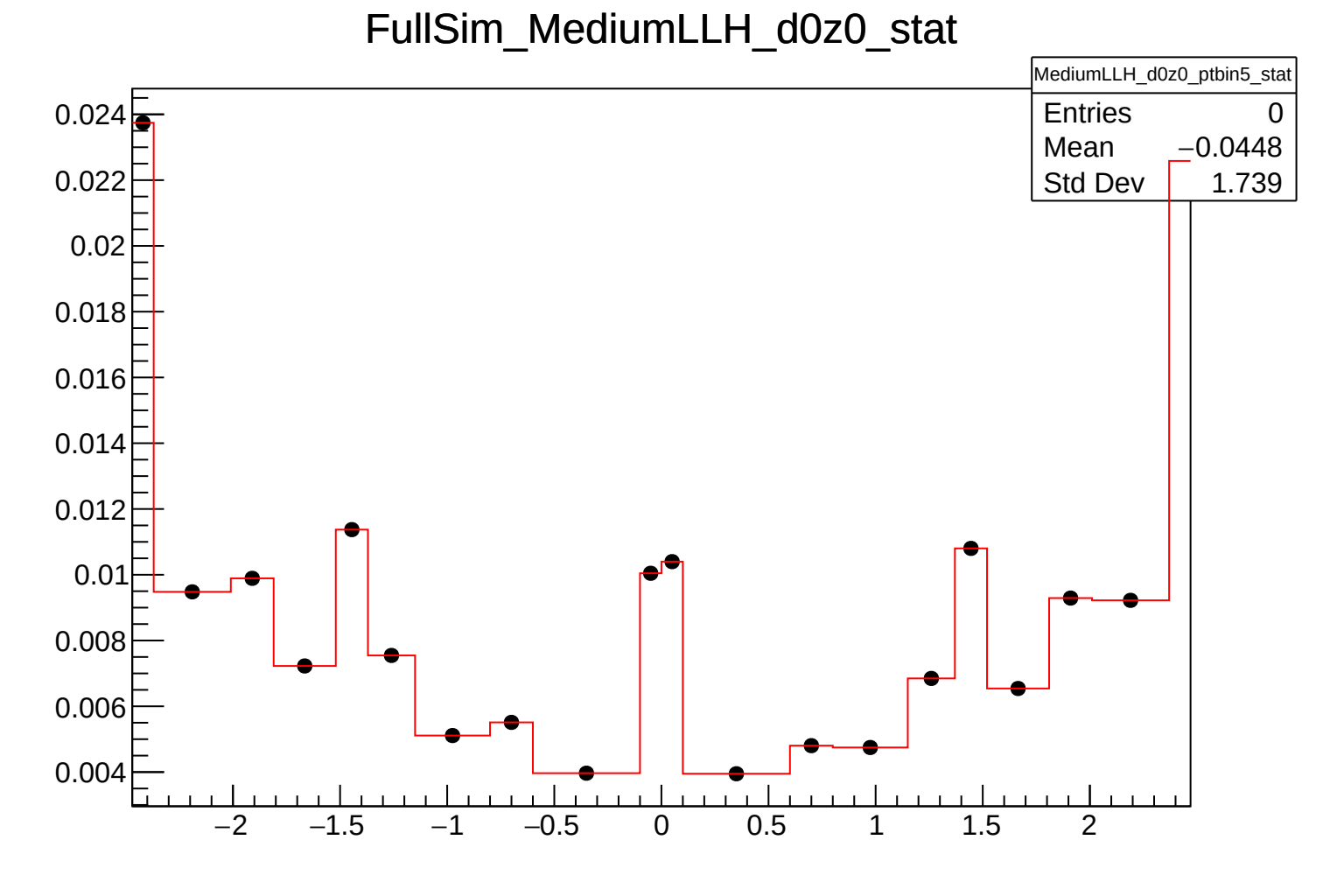
FullSim_MediumLLH_d0z0_stat
MediumLLH_d0z0_ptbin5_stat
Entries 0
Mean −0.0448
Std Dev 1.739
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0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
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1.5
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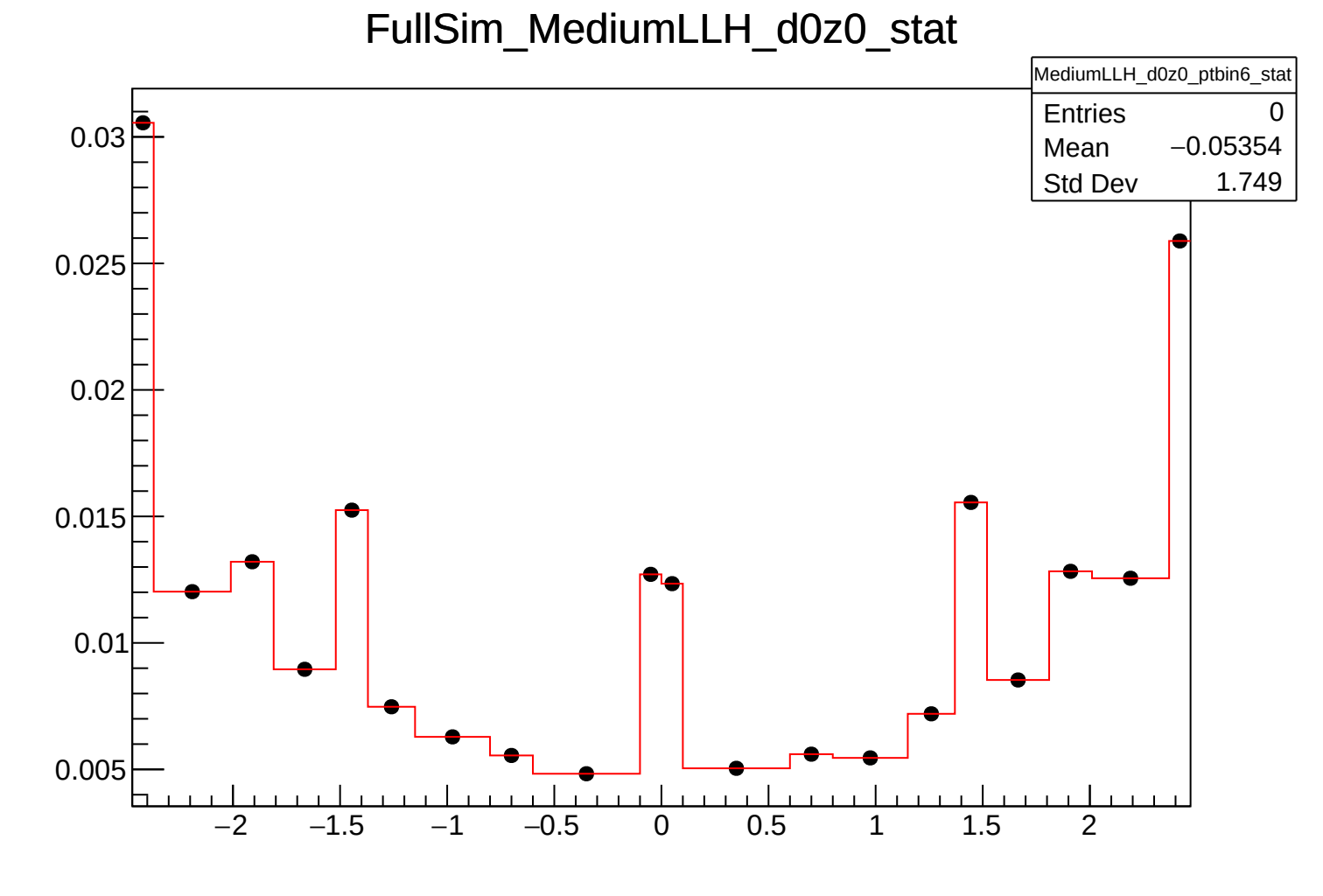
FullSim_MediumLLH_d0z0_stat
MediumLLH_d0z0_ptbin6_stat
Entries 0
Mean −0.05354
Std Dev 1.749
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0.025
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0.01
0.005
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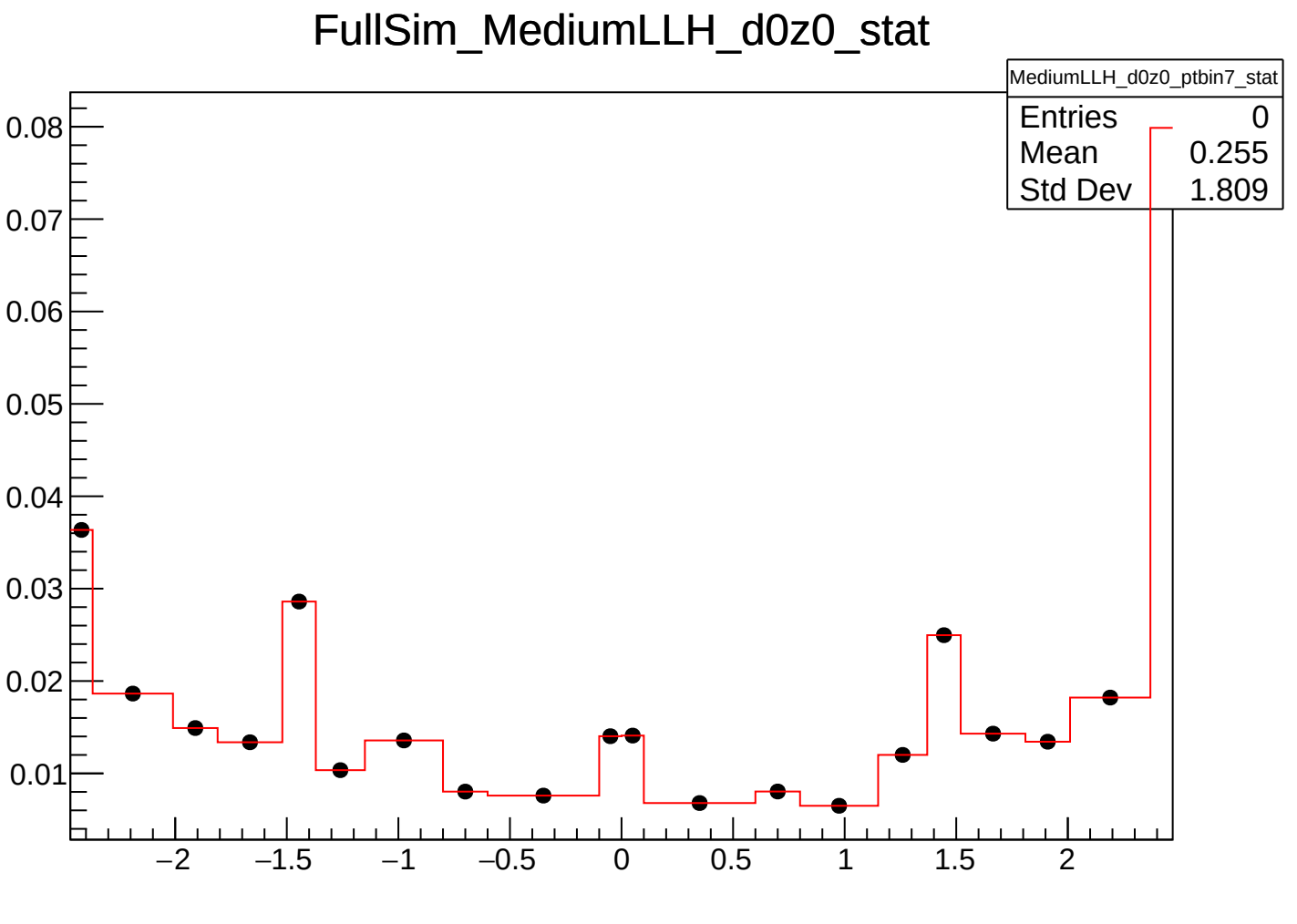
FullSim_MediumLLH_d0z0_stat
MediumLLH_d0z0_ptbin7_stat
Entries 0
Mean 0.255
Std Dev 1.809
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0.07
0.06
0.05
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0.02
0.01
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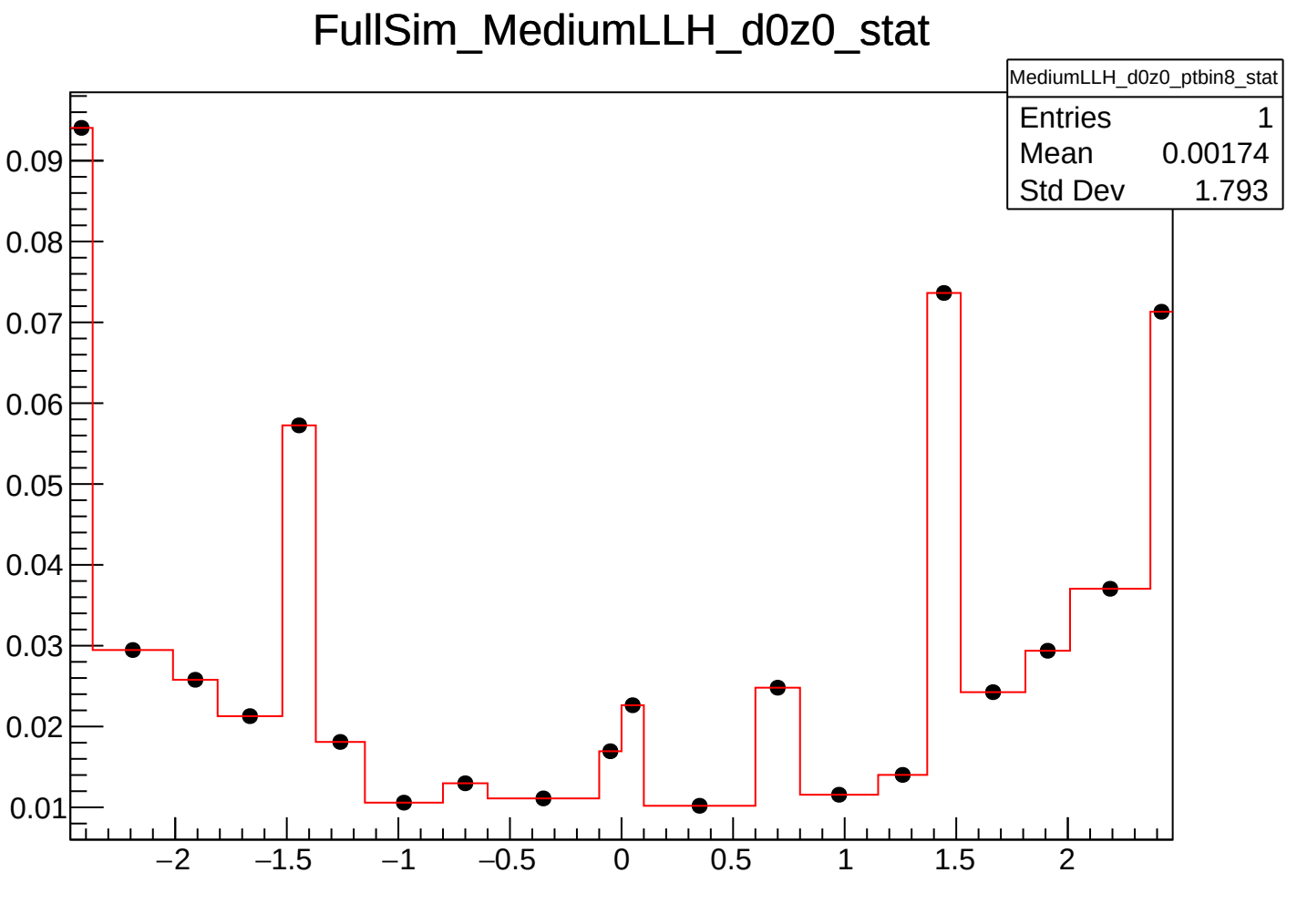
FullSim_MediumLLH_d0z0_stat
MediumLLH_d0z0_ptbin8_stat
Entries 1
Mean 0.00174
Std Dev 1.793
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0.08
0.07
0.06
0.05
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0.02
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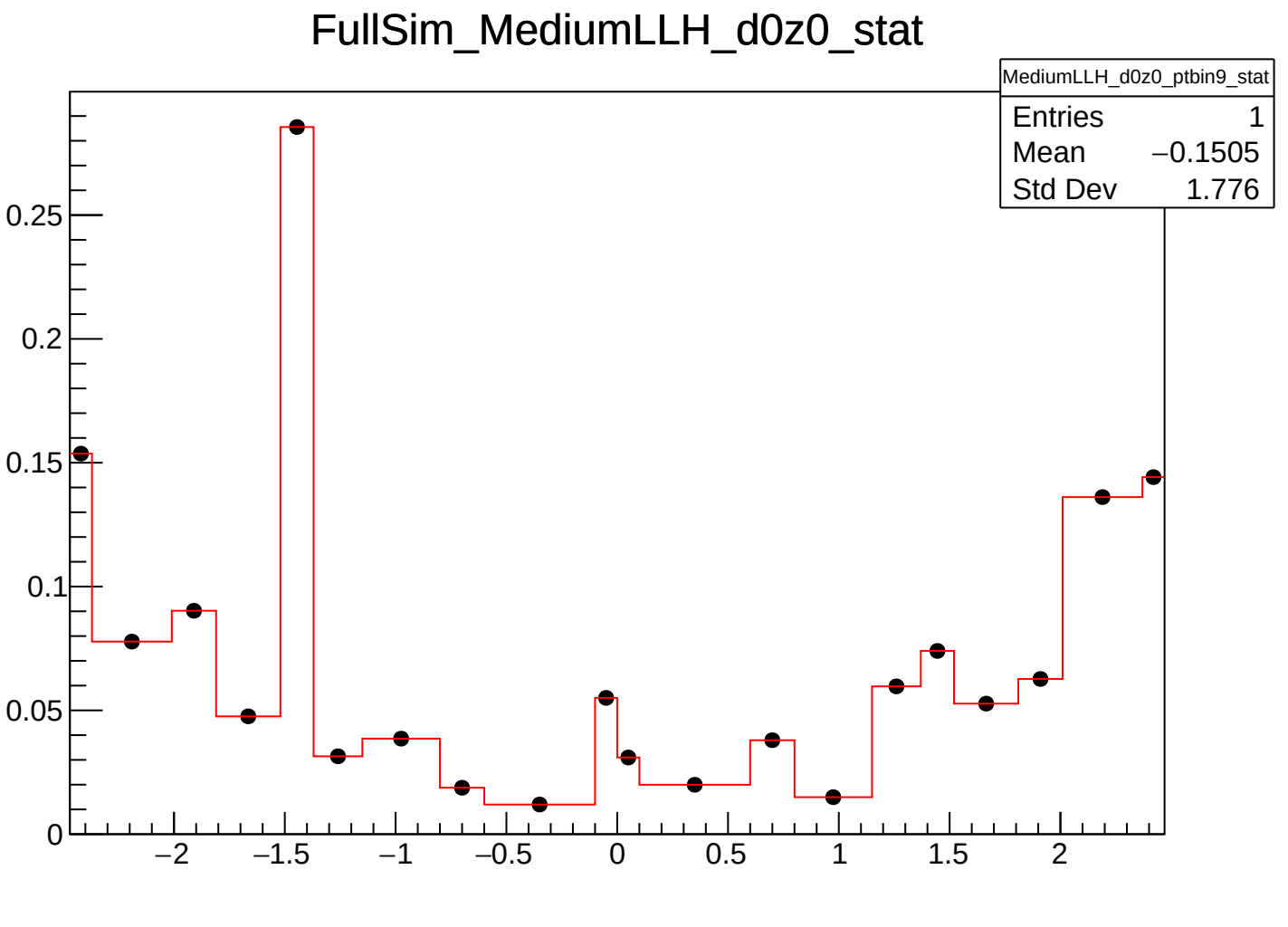
FullSim_MediumLLH_d0z0_stat
MediumLLH_d0z0_ptbin9_stat
Entries 1
Mean −0.1505
Std Dev 1.776
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0.05
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1.5
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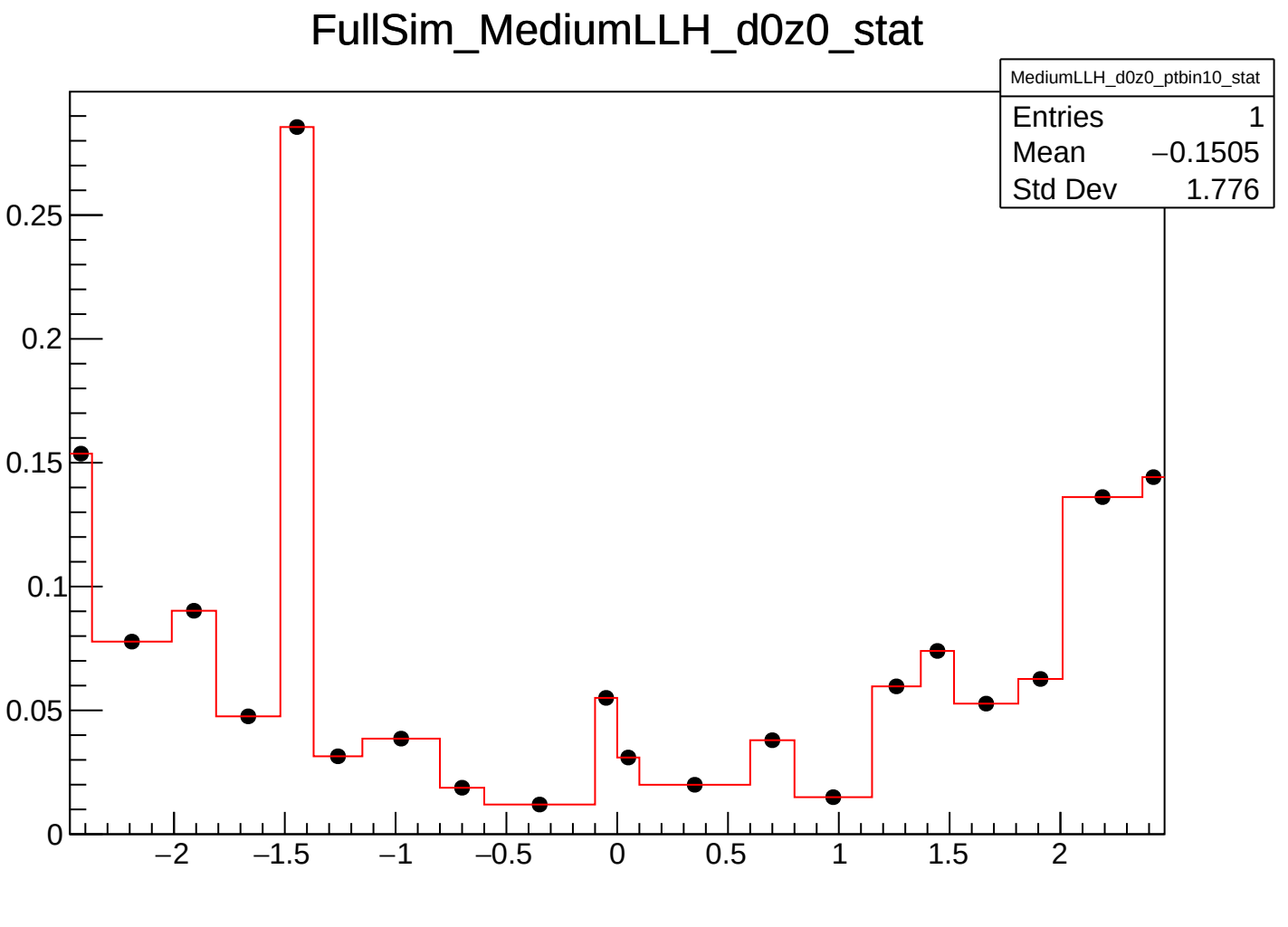
FullSim_MediumLLH_d0z0_stat
MediumLLH_d0z0_ptbin10_stat
Entries 1
Mean −0.1505
Std Dev 1.776
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0.05
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1.5
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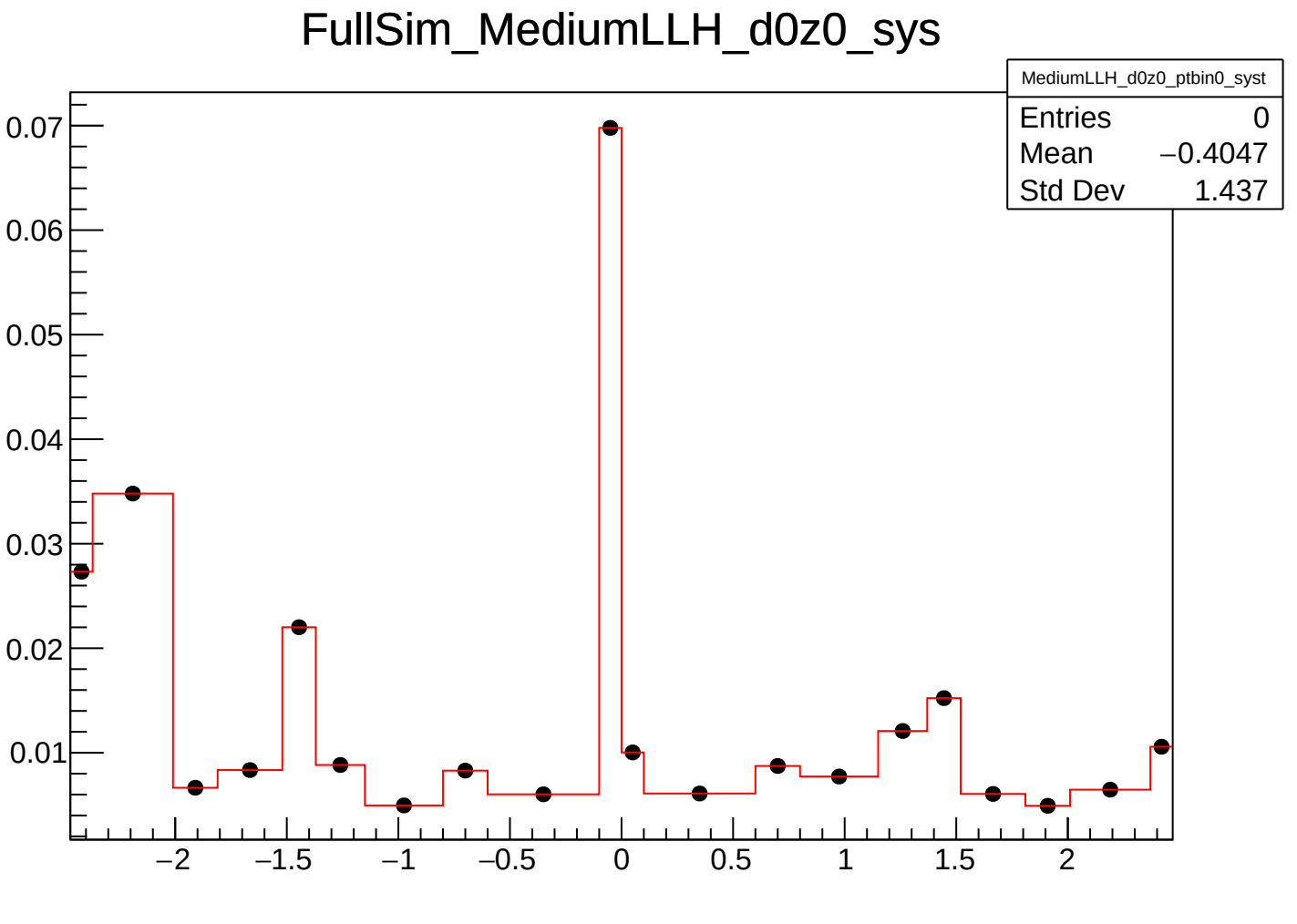
FullSim_MediumLLH_d0z0_sys
MediumLLH_d0z0_ptbin0_syst
Entries 0
Mean −0.4047
Std Dev 1.437
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0.06
0.05
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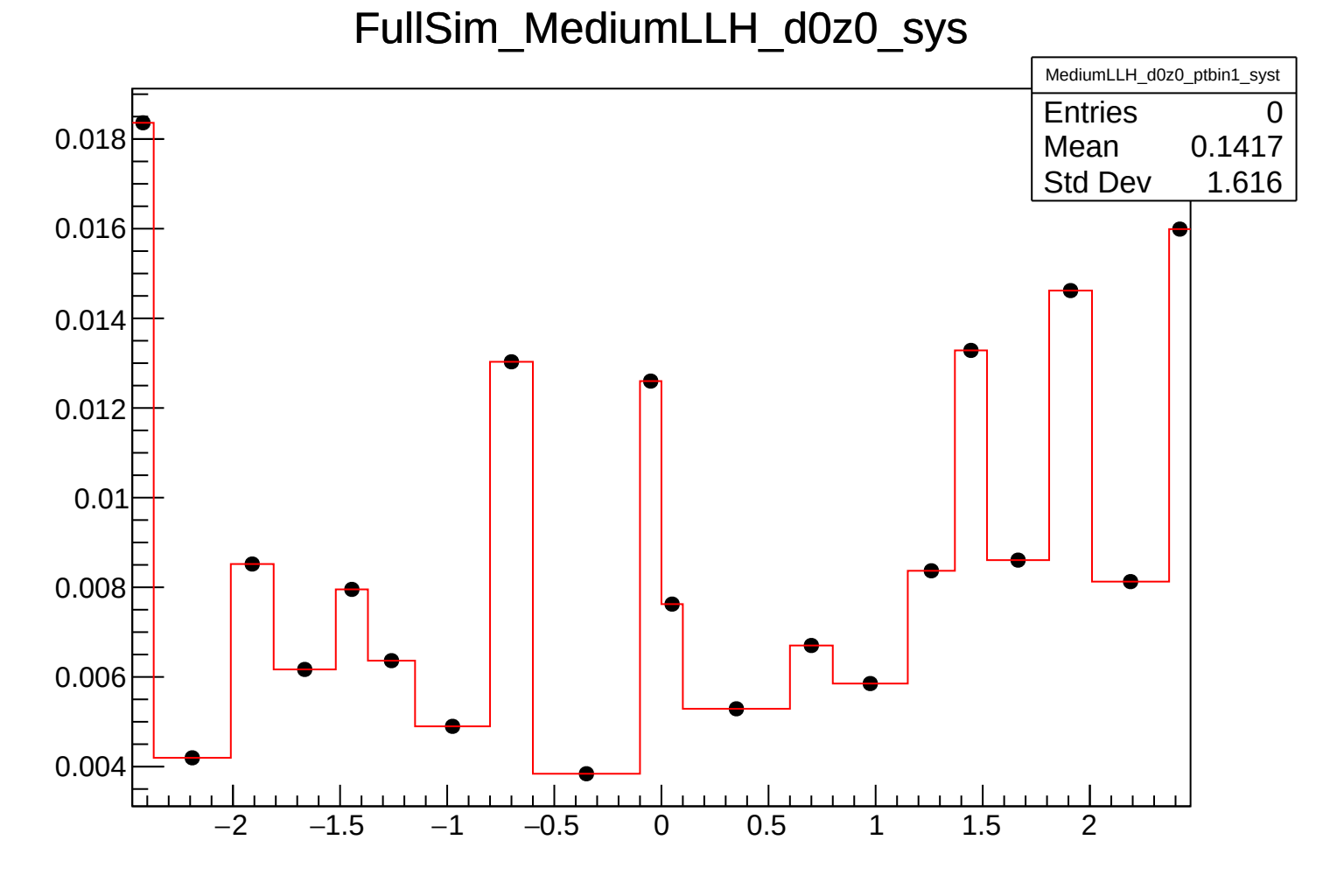
FullSim_MediumLLH_d0z0_sys
MediumLLH_d0z0_ptbin1_syst
Entries 0
Mean 0.1417
Std Dev 1.616
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0.014
0.012
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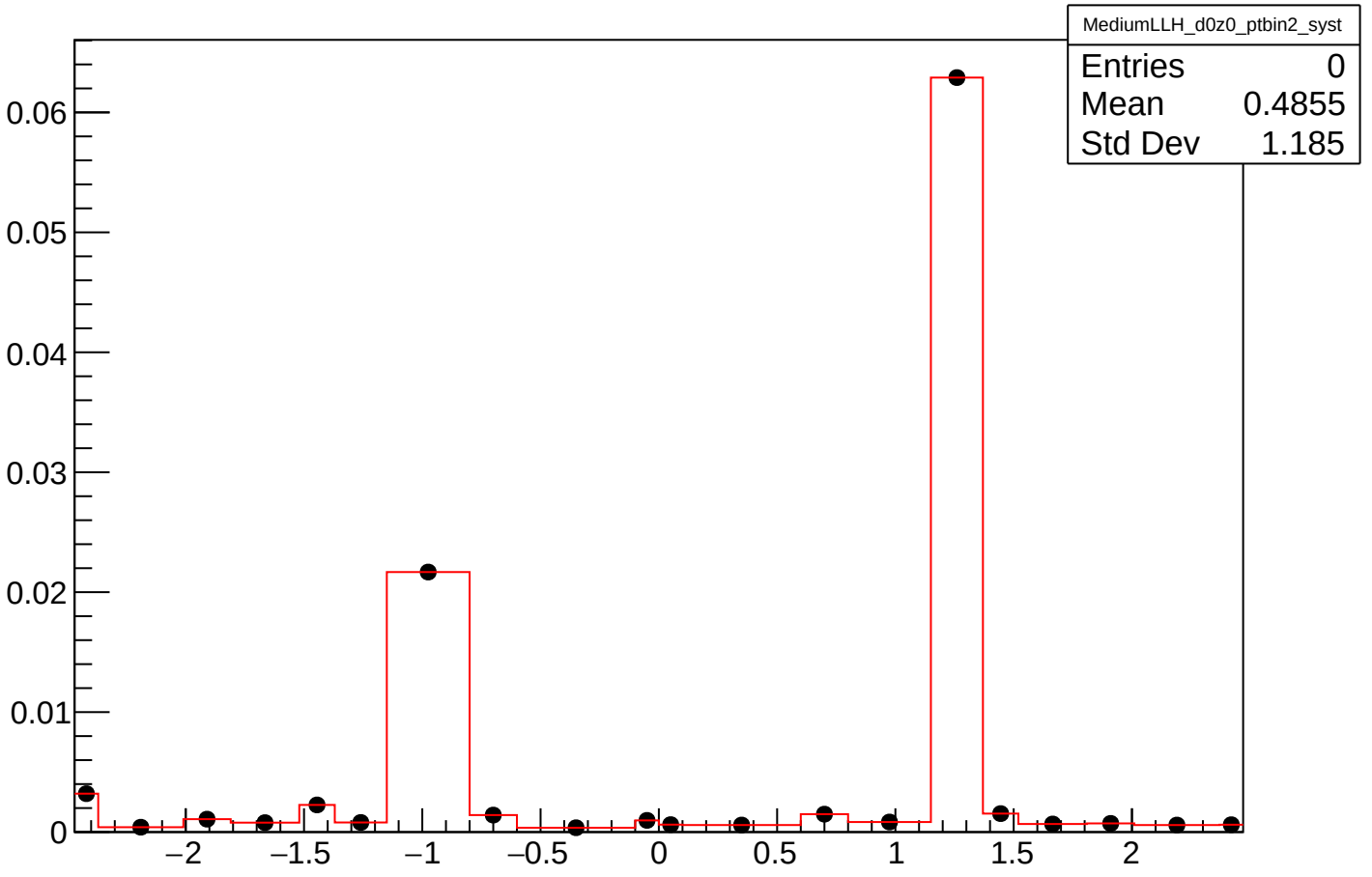
FullSim_MediumLLH_d0z0_sys
MediumLLH_d0z0_ptbin2_syst
Entries 0
Mean 0.4855
Std Dev 1.185
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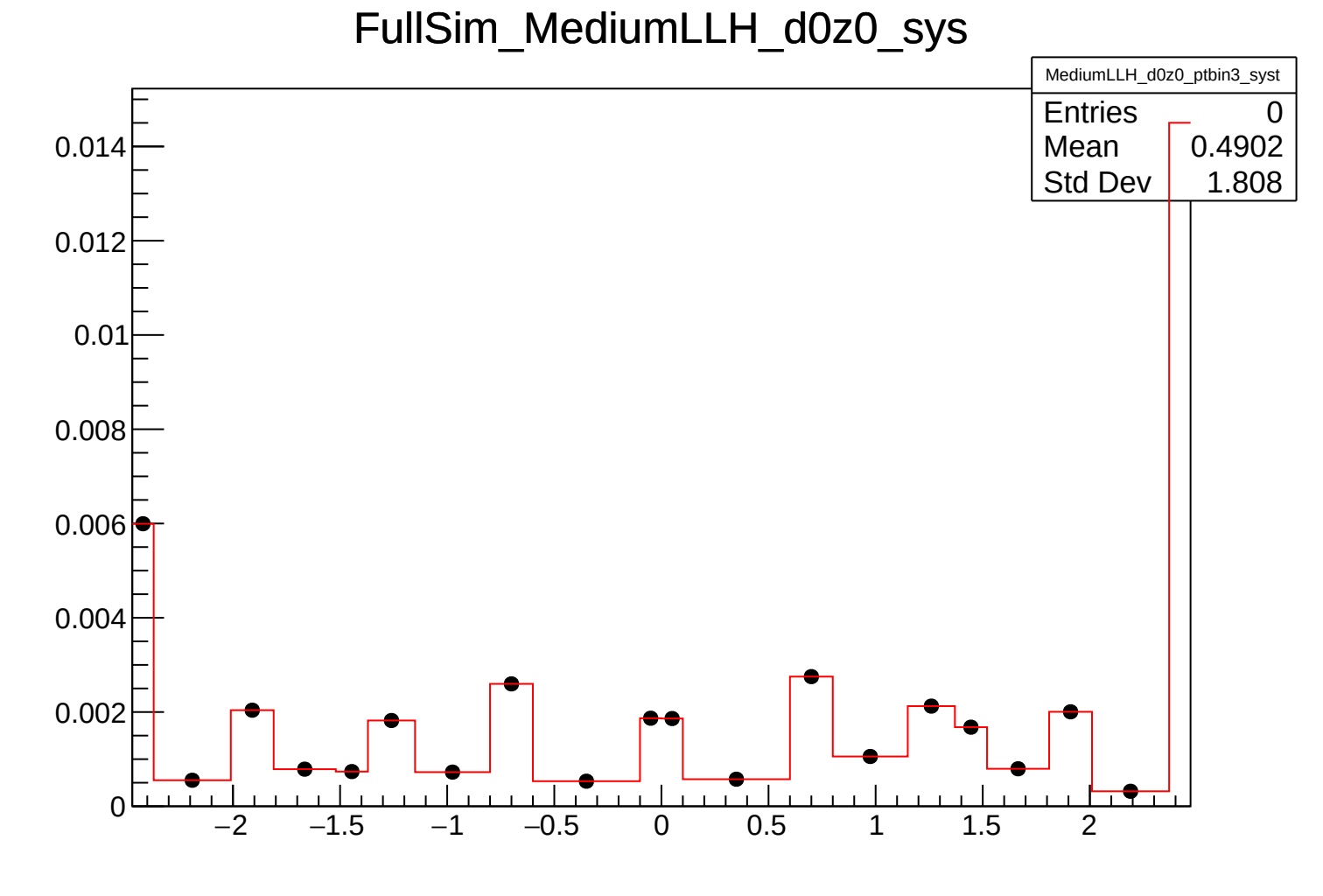
FullSim_MediumLLH_d0z0_sys
MediumLLH_d0z0_ptbin3_syst
Entries 0
Mean 0.4902
Std Dev 1.808
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0.012
0.01
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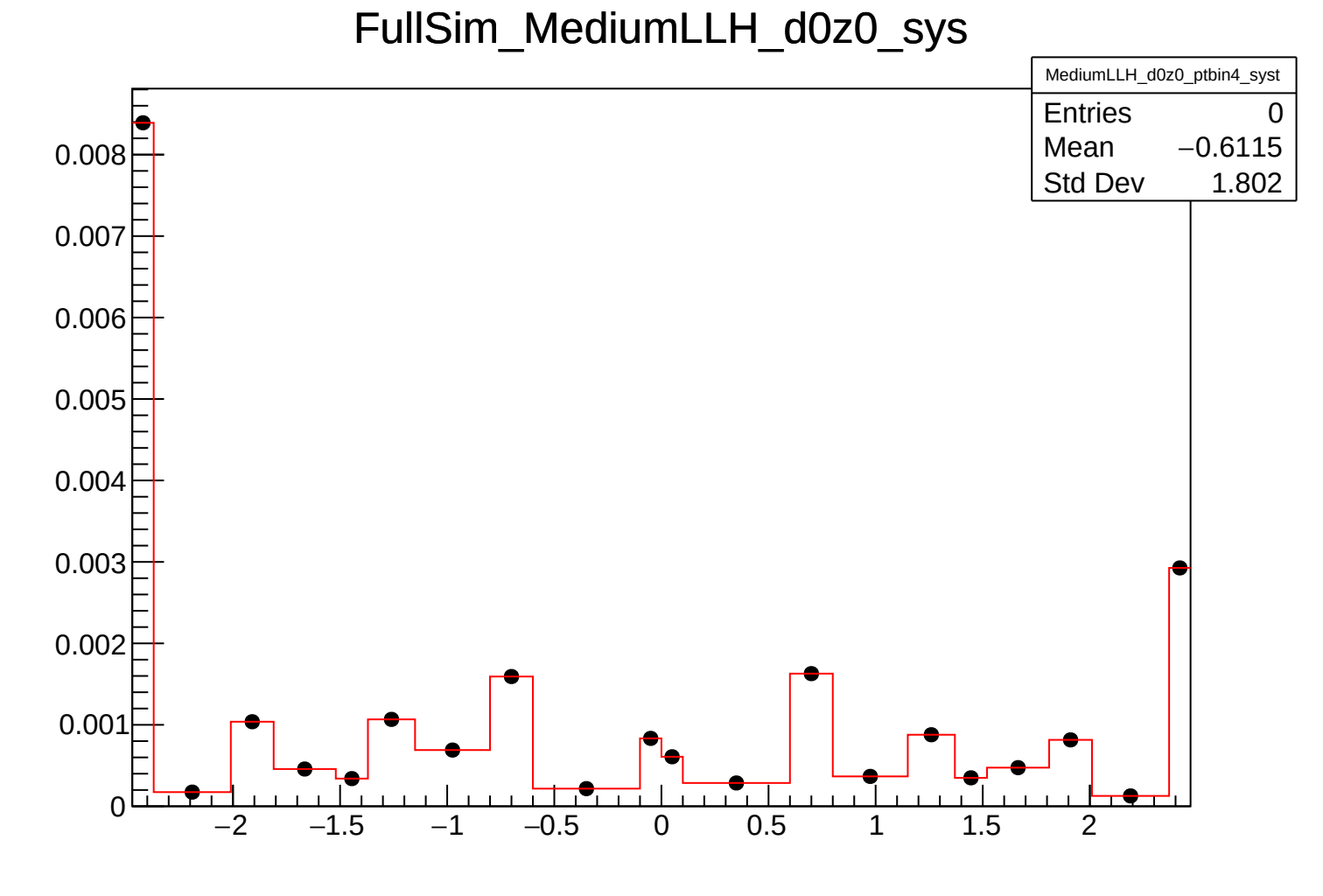
FullSim_MediumLLH_d0z0_sys
MediumLLH_d0z0_ptbin4_syst
Entries 0
Mean −0.6115
Std Dev 1.802
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0.007
0.006
0.005
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0.001
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1.5
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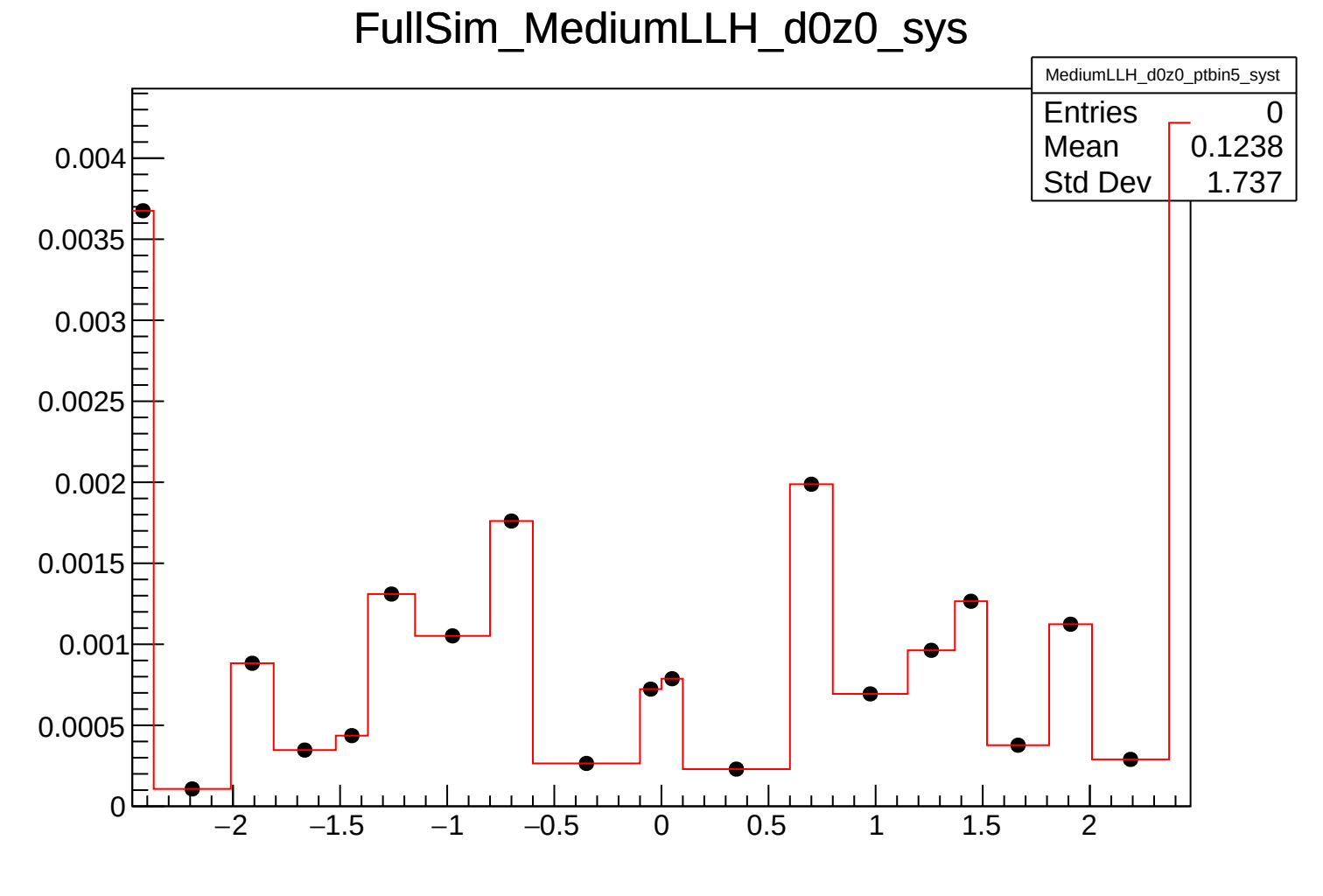
FullSim_MediumLLH_d0z0_sys
MediumLLH_d0z0_ptbin5_syst
Entries 0
Mean 0.1238
Std Dev 1.737
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0.0035
0.003
0.0025
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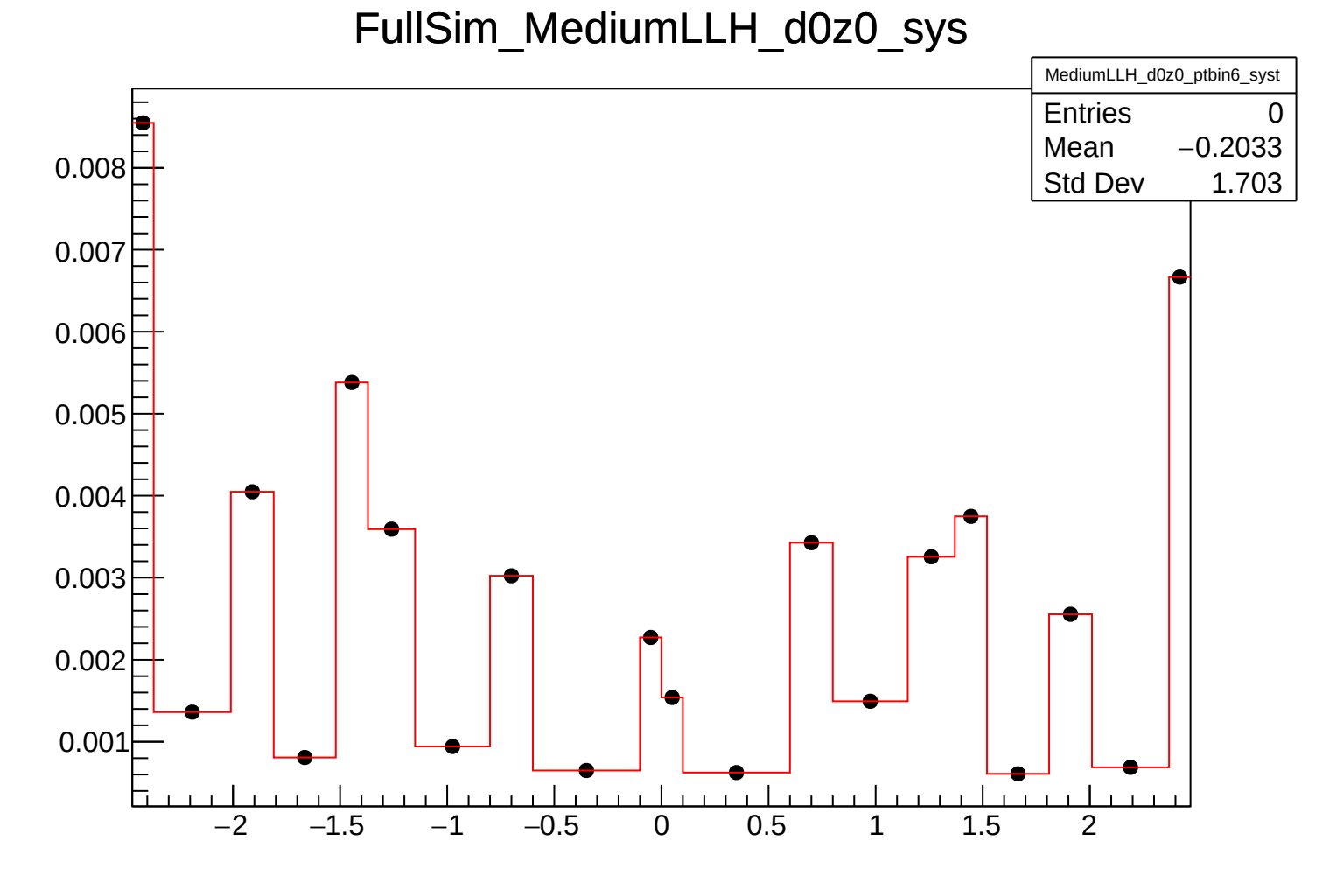
FullSim_MediumLLH_d0z0_sys
MediumLLH_d0z0_ptbin6_syst
Entries 0
Mean −0.2033
Std Dev 1.703
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0.007
0.006
0.005
0.004
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0.002
0.001
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1
1.5
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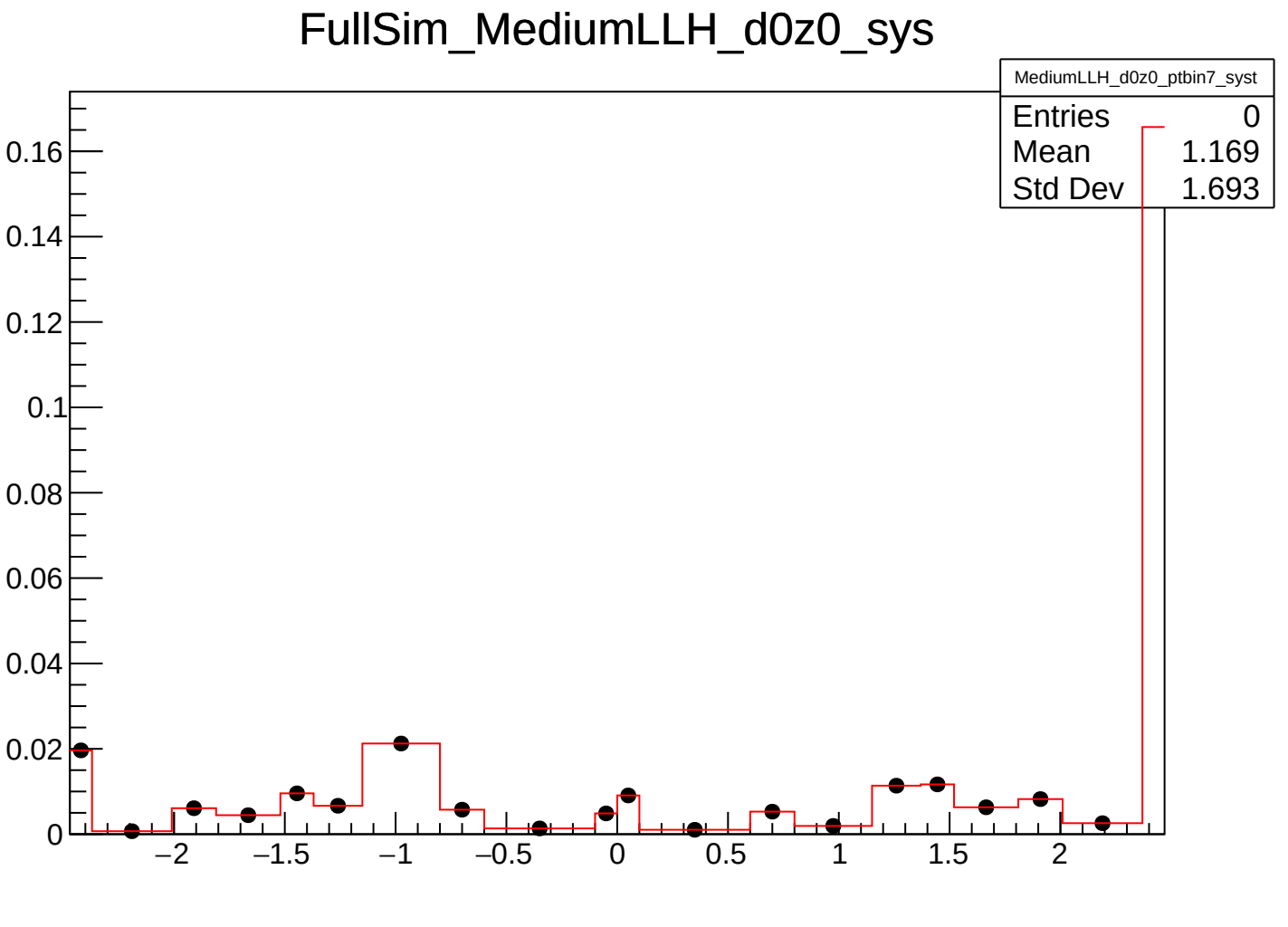
FullSim_MediumLLH_d0z0_sys
MediumLLH_d0z0_ptbin7_syst
Entries 0
Mean 1.169
Std Dev 1.693
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0.12
0.1
0.08
0.06
0.04
0.02
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−2
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−1
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0
0.5
1
1.5
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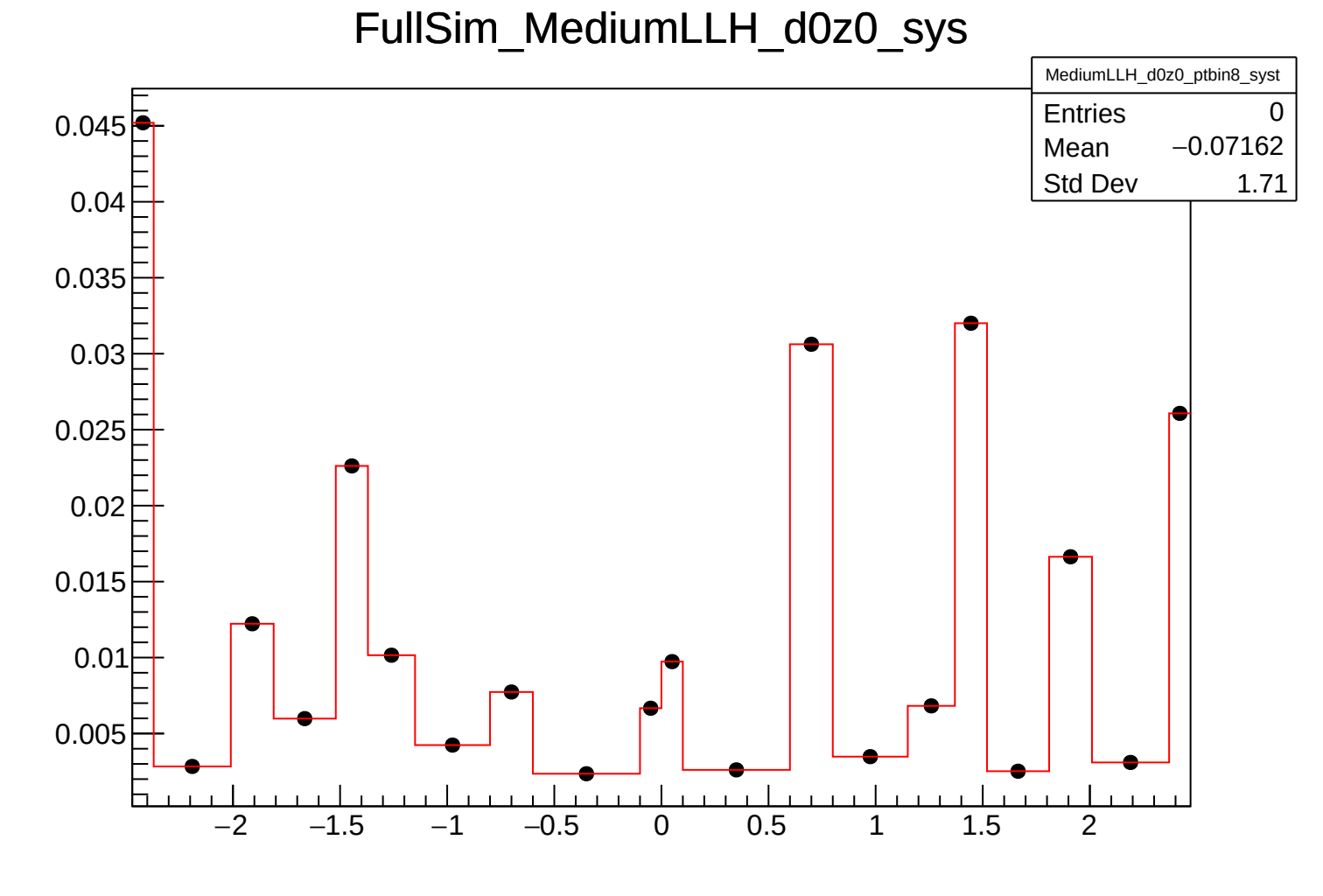
FullSim_MediumLLH_d0z0_sys
MediumLLH_d0z0_ptbin8_syst
Entries 0
Mean −0.07162
Std Dev 1.71
0.045
0.04
0.035
0.03
0.025
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0.01
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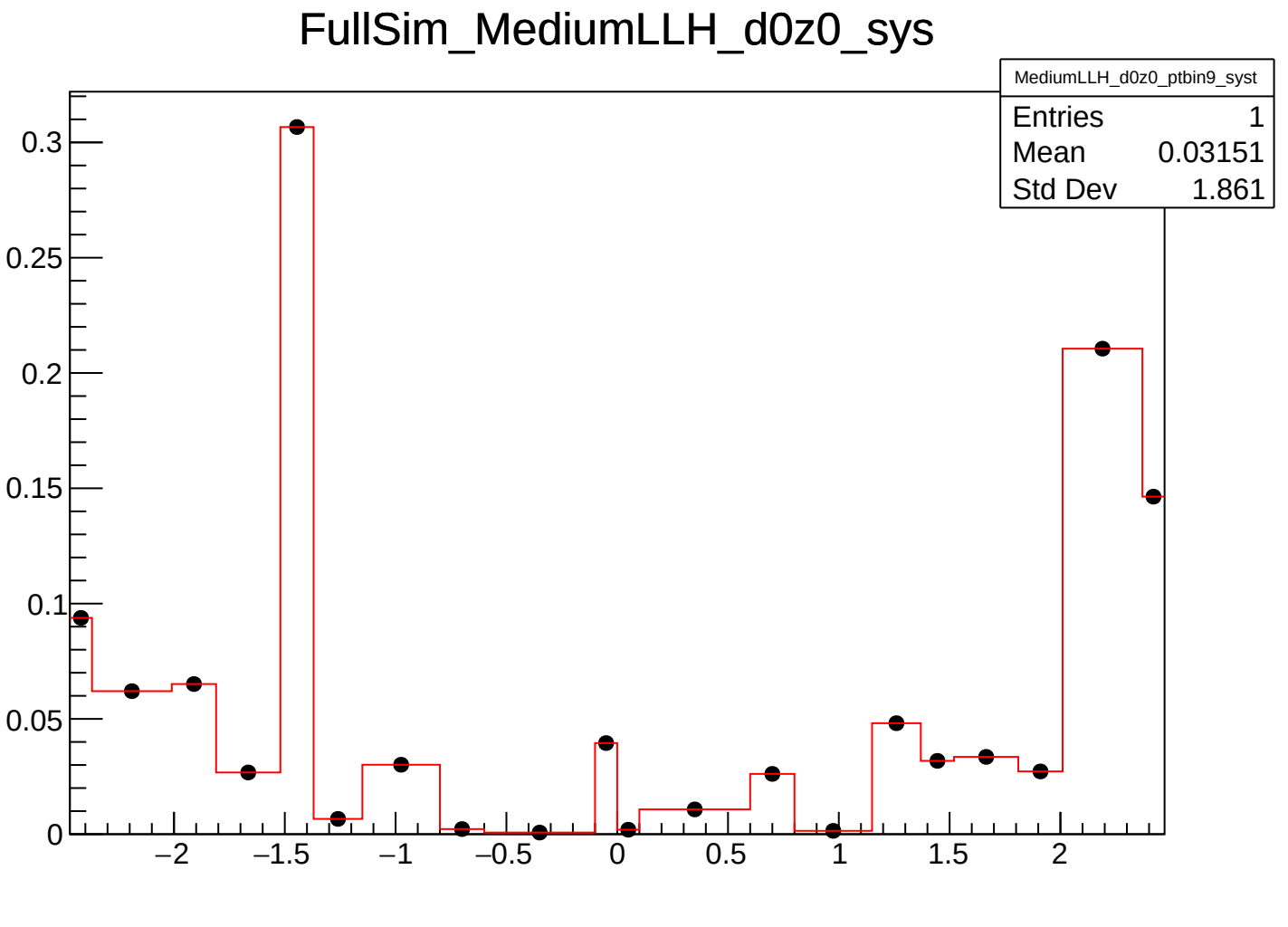
FullSim_MediumLLH_d0z0_sys
MediumLLH_d0z0_ptbin9_syst
Entries 1
Mean 0.03151
Std Dev 1.861
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0.25
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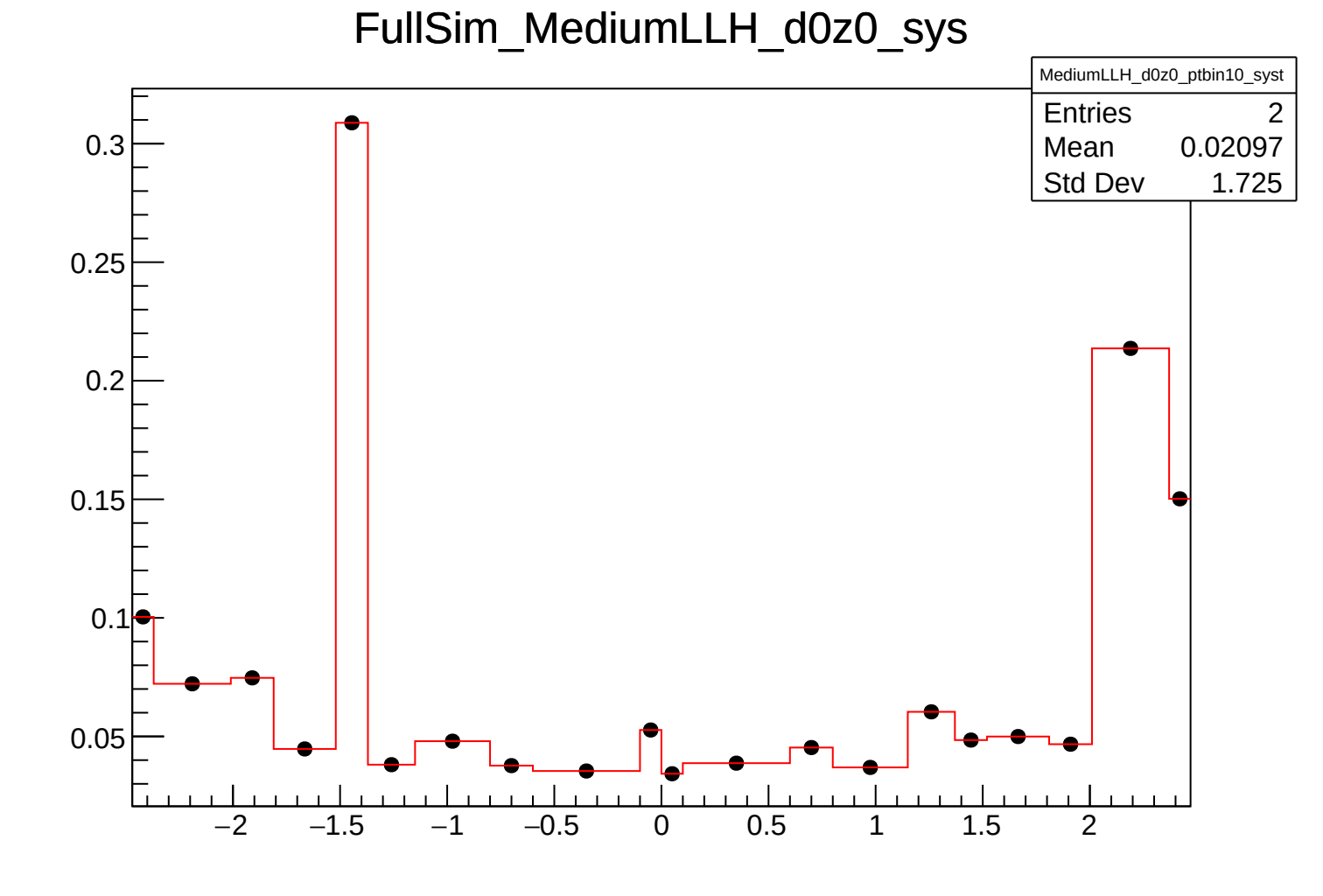
FullSim_MediumLLH_d0z0_sys
MediumLLH_d0z0_ptbin10_syst
Entries 2
Mean 0.02097
Std Dev 1.725
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0.25
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0.1
0.05
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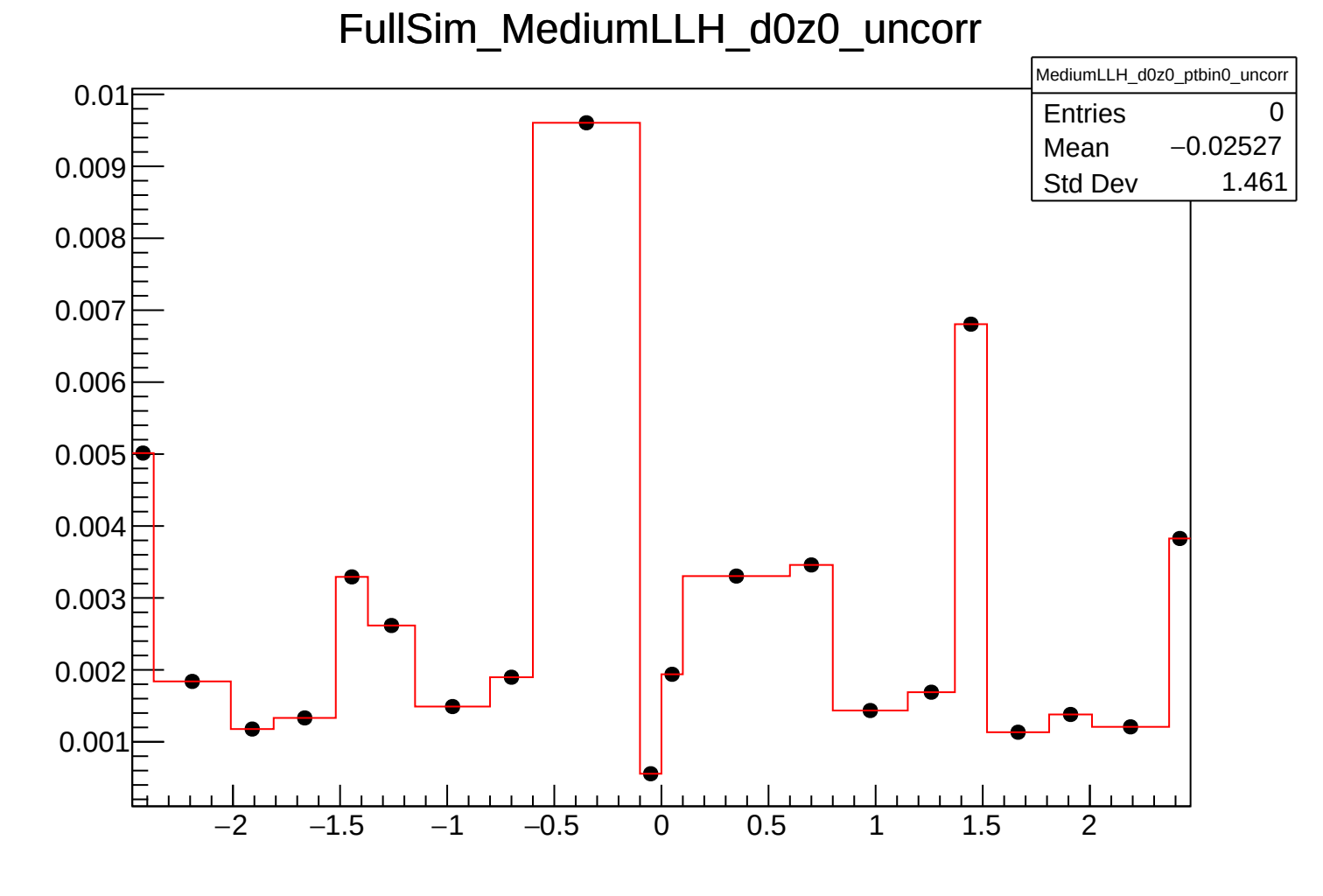
FullSim_MediumLLH_d0z0_uncorr
MediumLLH_d0z0_ptbin0_uncorr
Entries 0
Mean −0.02527
Std Dev 1.461
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0.009
0.008
0.007
0.006
0.005
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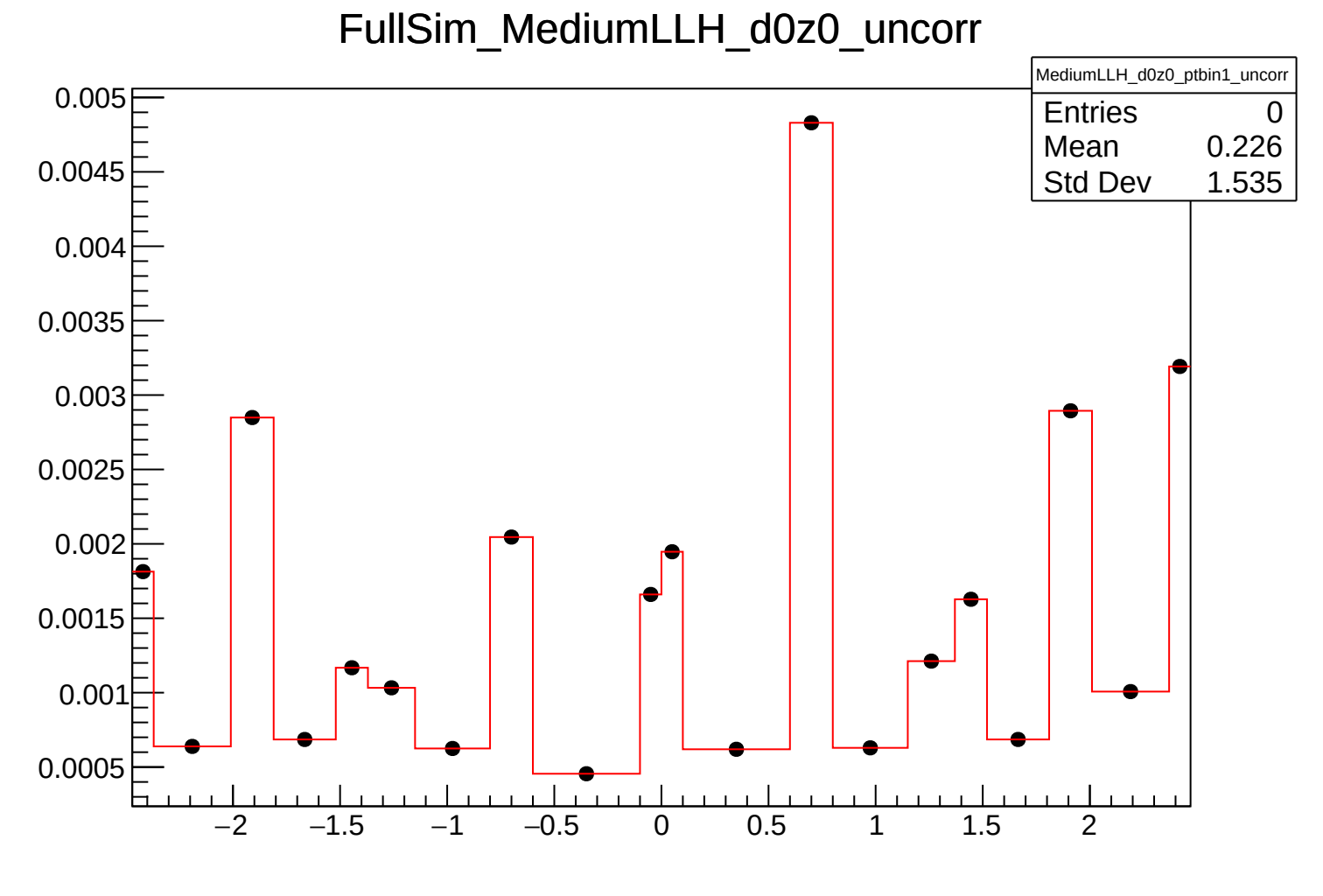
FullSim_MediumLLH_d0z0_uncorr
MediumLLH_d0z0_ptbin1_uncorr
Entries 0
Mean 0.226
Std Dev 1.535
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0.0045
0.004
0.0035
0.003
0.0025
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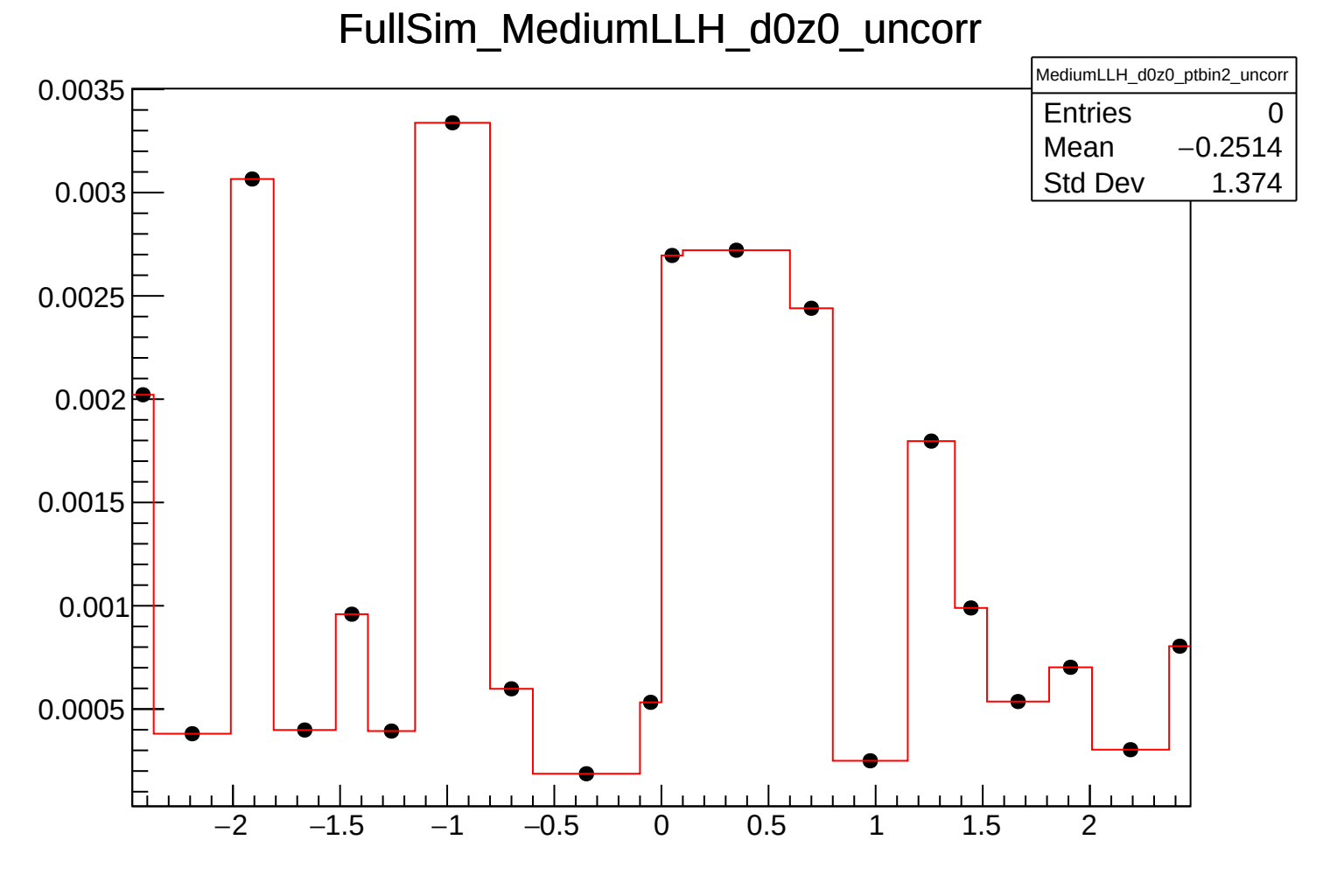
FullSim_MediumLLH_d0z0_uncorr
MediumLLH_d0z0_ptbin2_uncorr
Entries 0
Mean −0.2514
Std Dev 1.374
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0.003
0.0025
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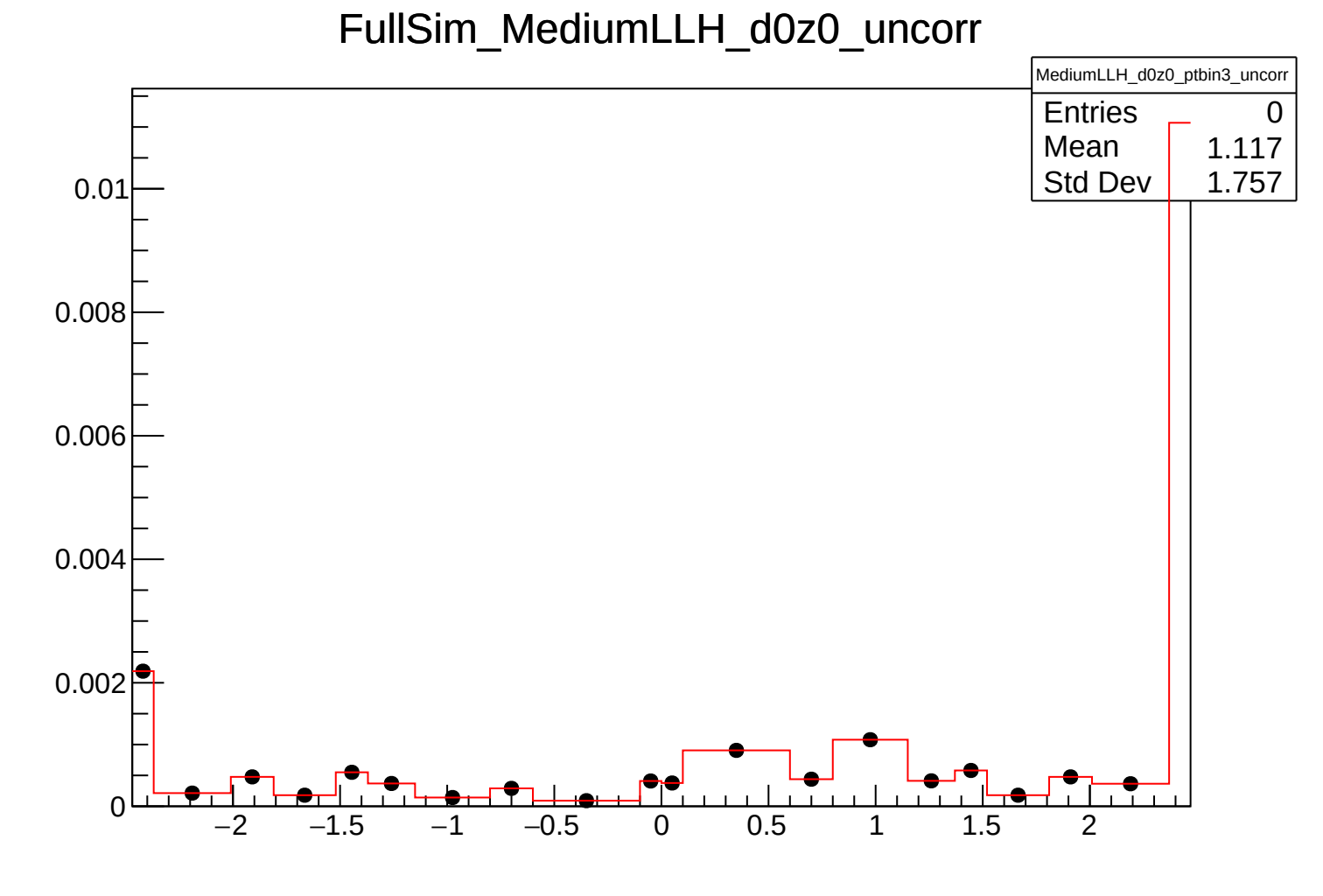
FullSim_MediumLLH_d0z0_uncorr
MediumLLH_d0z0_ptbin3_uncorr
Entries 0
Mean 1.117
Std Dev 1.757
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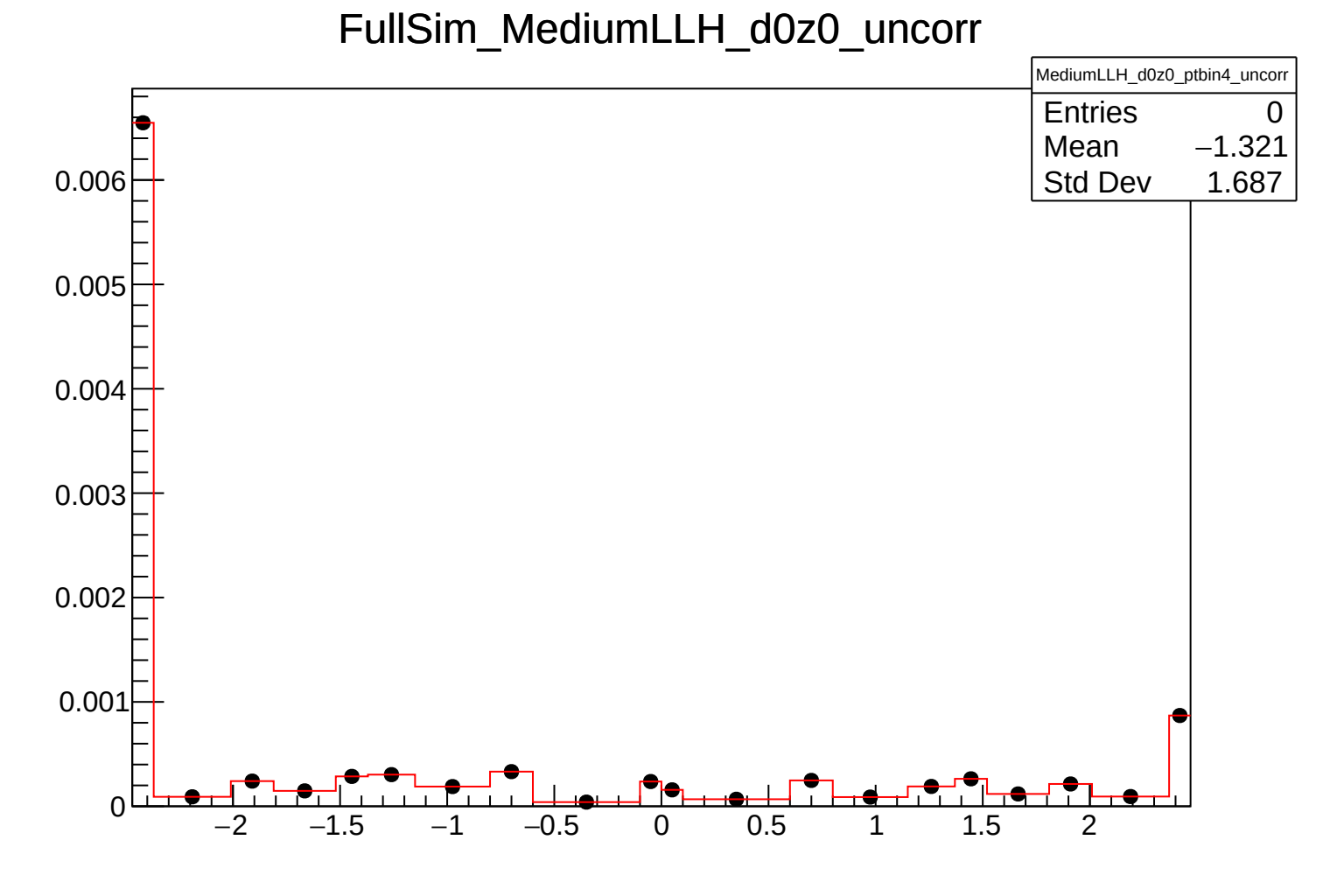
FullSim_MediumLLH_d0z0_uncorr
MediumLLH_d0z0_ptbin4_uncorr
Entries 0
Mean −1.321
Std Dev 1.687
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0.005
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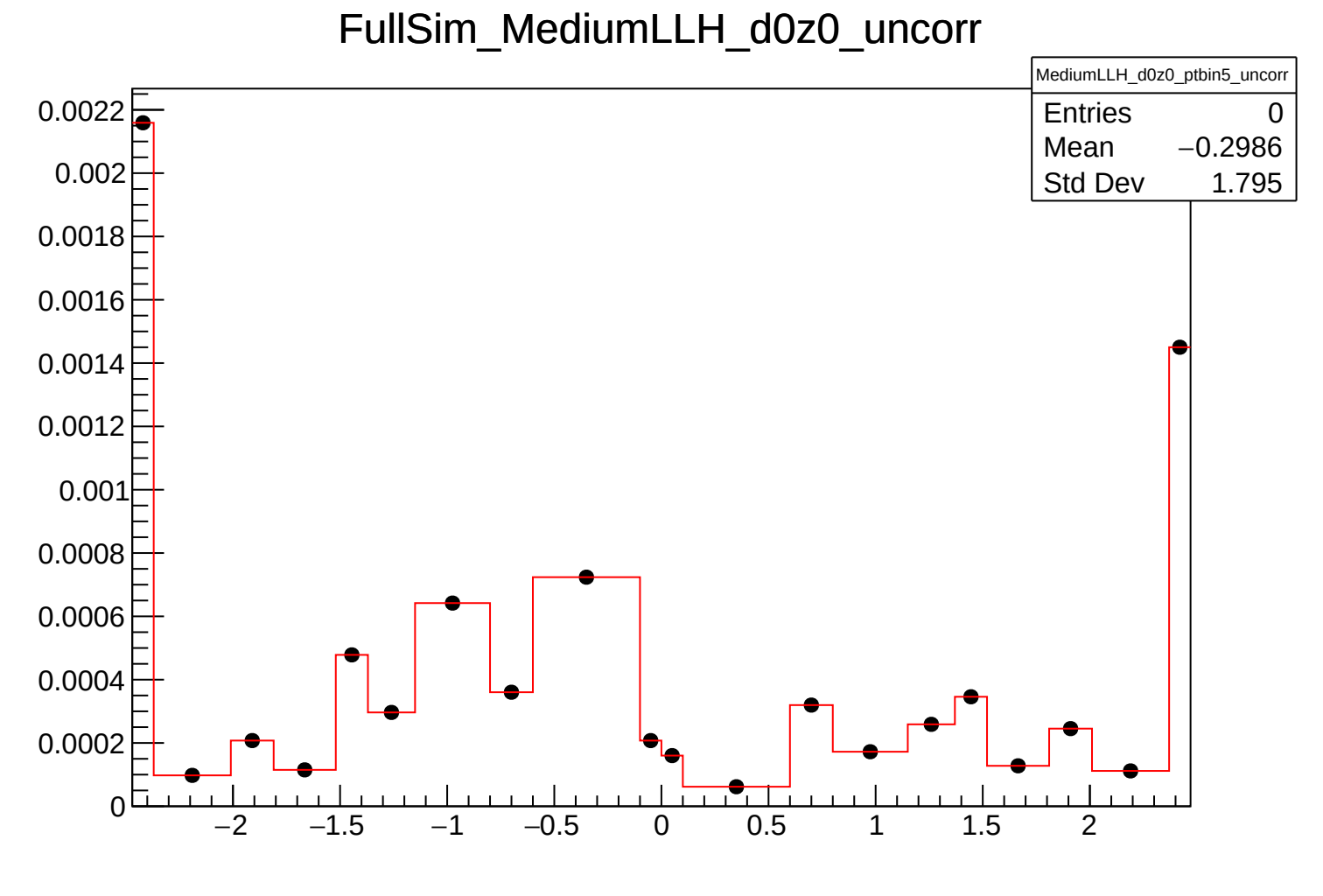
FullSim_MediumLLH_d0z0_uncorr
MediumLLH_d0z0_ptbin5_uncorr
Entries 0
Mean −0.2986
Std Dev 1.795
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0.002
0.0018
0.0016
0.0014
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
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1.5
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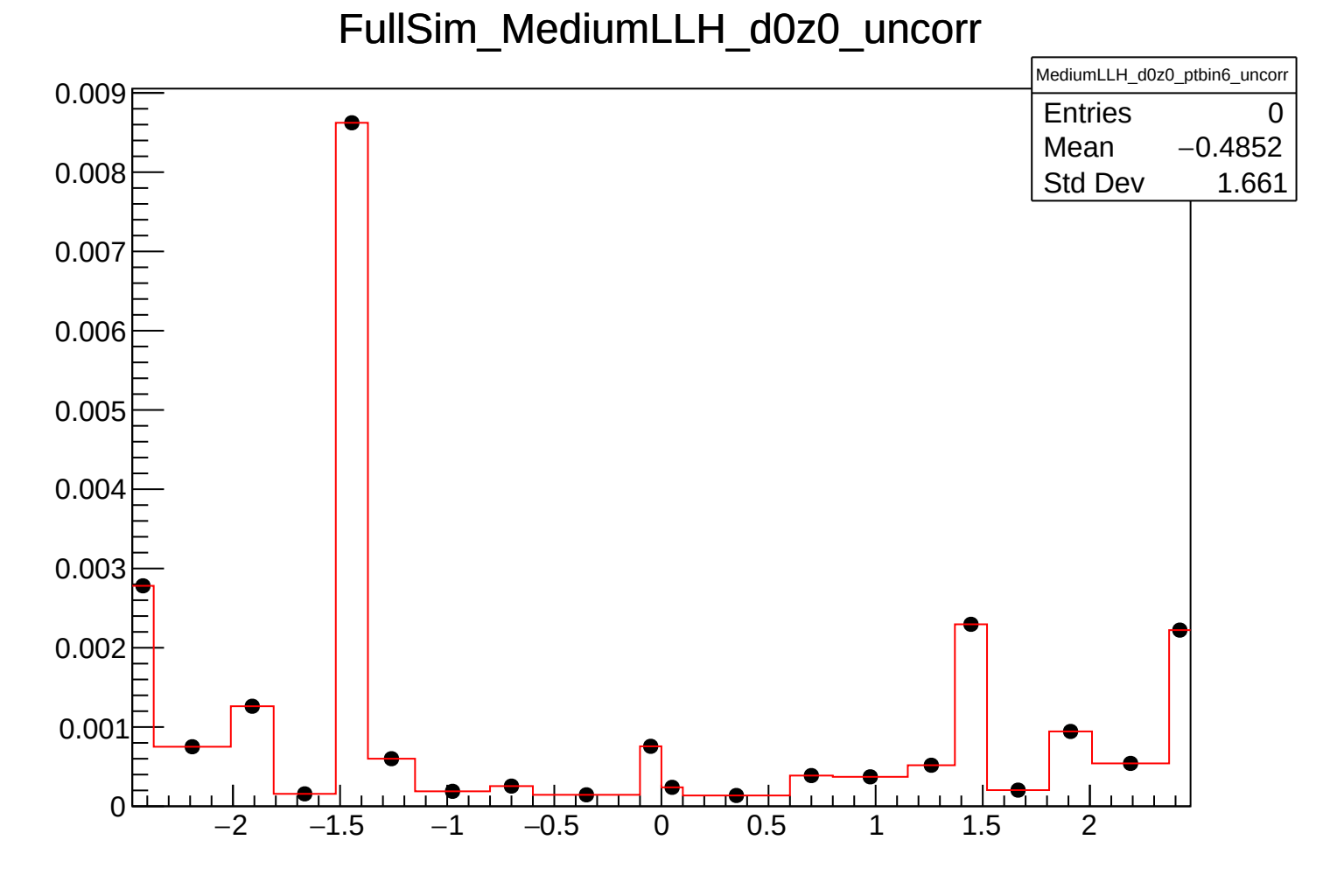
FullSim_MediumLLH_d0z0_uncorr
MediumLLH_d0z0_ptbin6_uncorr
Entries 0
Mean −0.4852
Std Dev 1.661
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0.008
0.007
0.006
0.005
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0.003
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0.001
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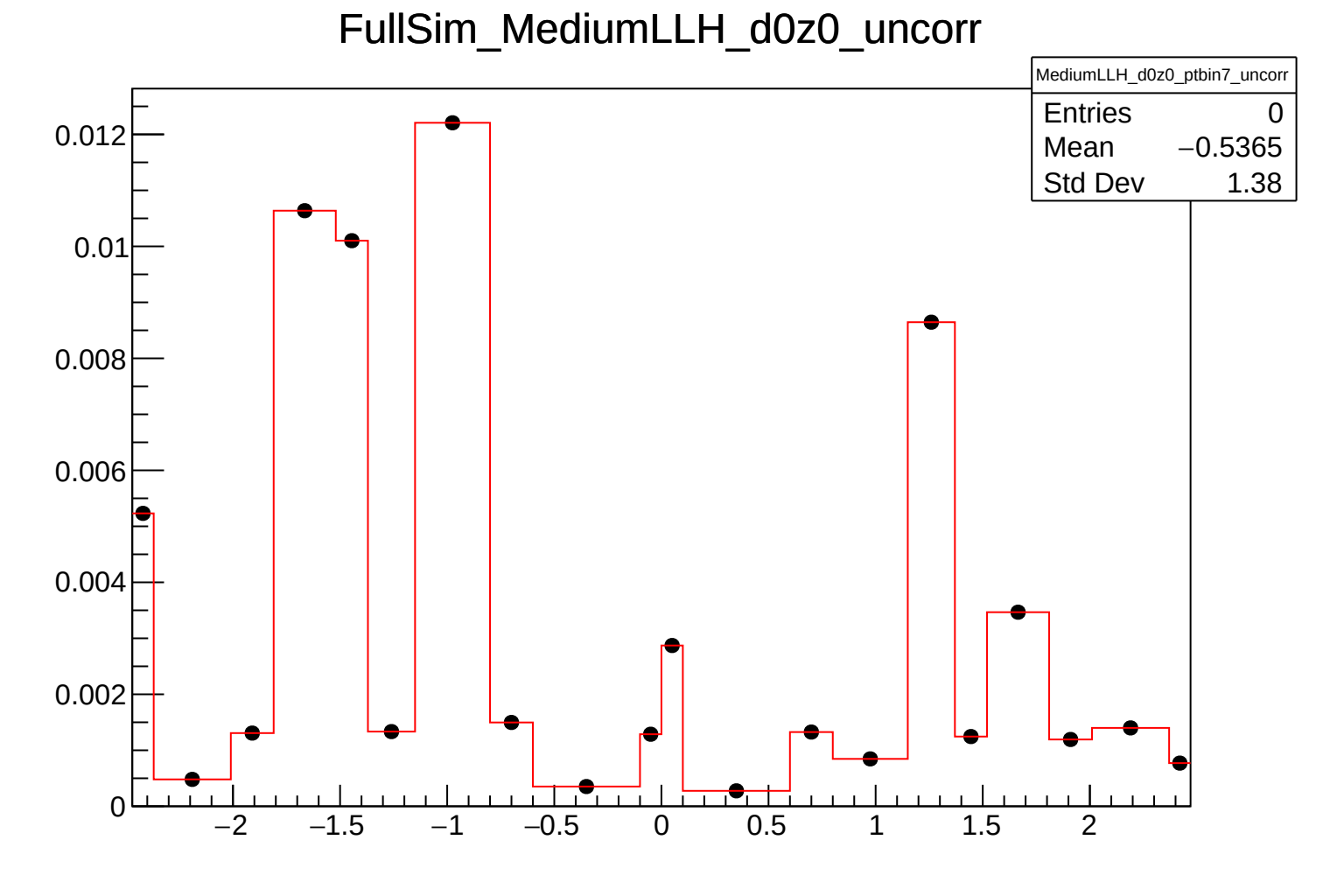
FullSim_MediumLLH_d0z0_uncorr
MediumLLH_d0z0_ptbin7_uncorr
Entries 0
Mean −0.5365
Std Dev 1.38
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0.01
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0.002
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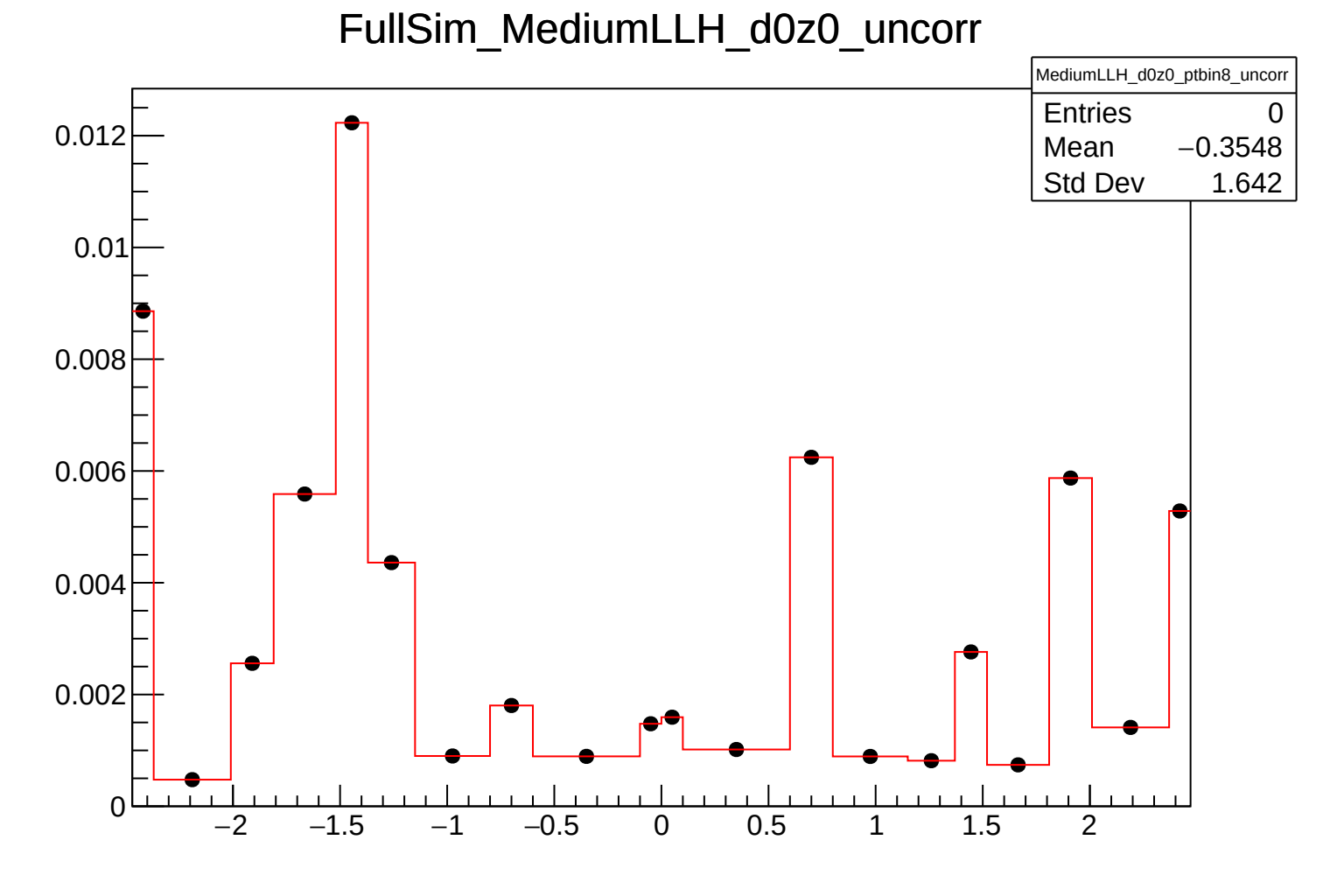
FullSim_MediumLLH_d0z0_uncorr
MediumLLH_d0z0_ptbin8_uncorr
Entries 0
Mean −0.3548
Std Dev 1.642
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0.002
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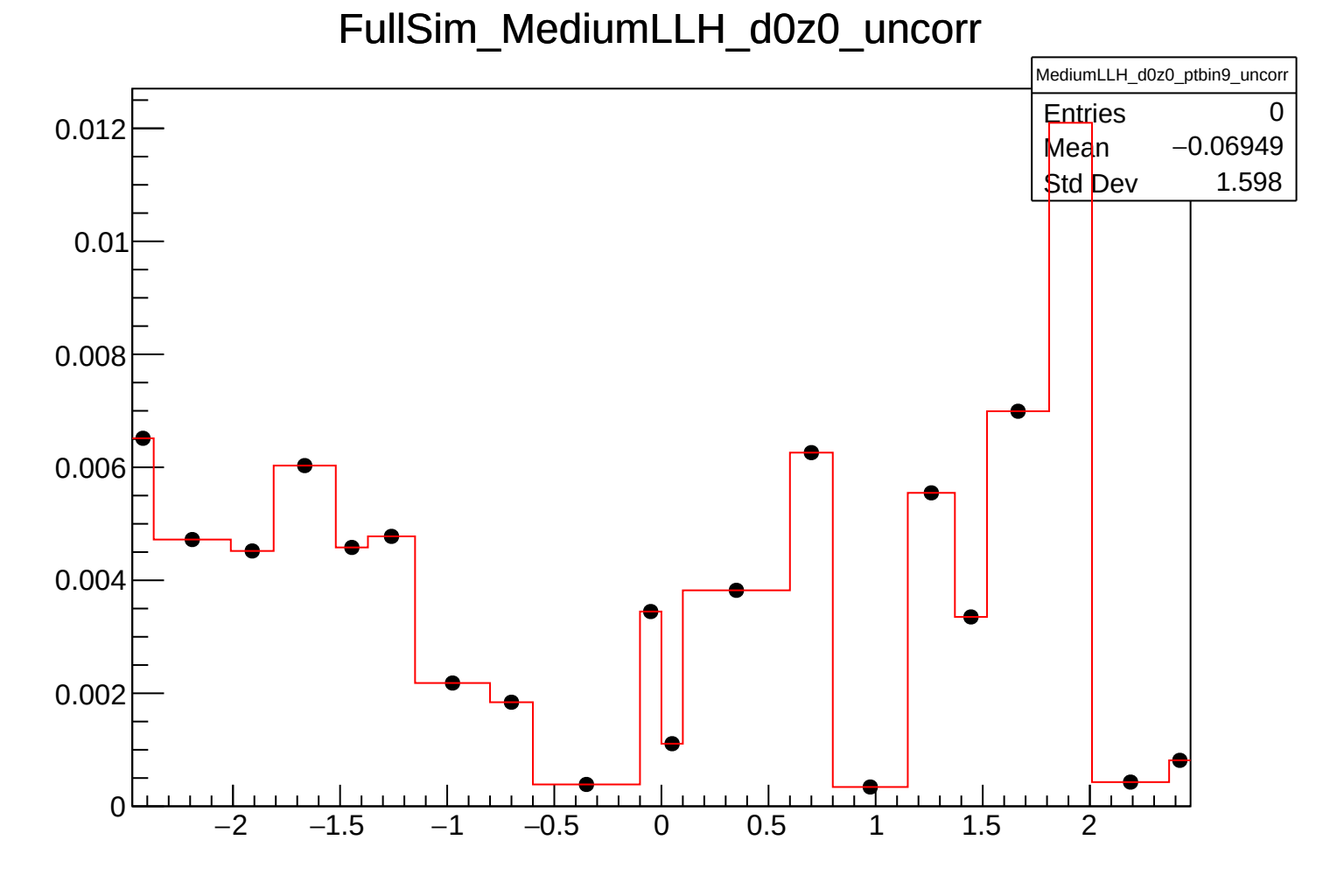
FullSim_MediumLLH_d0z0_uncorr
MediumLLH_d0z0_ptbin9_uncorr
Entries 0
Mean −0.06949
Std Dev 1.598
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0.01
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0.002
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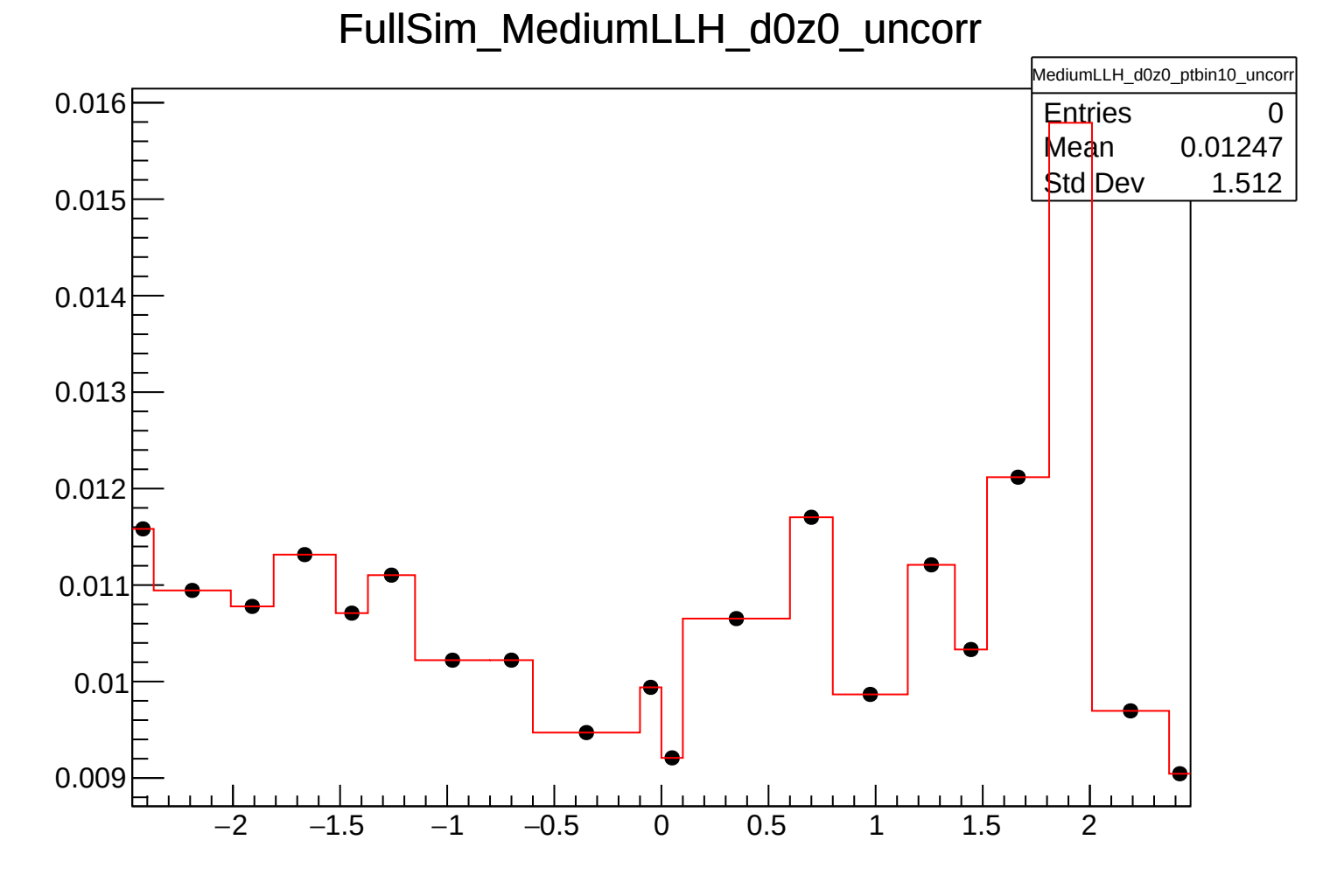
FullSim_MediumLLH_d0z0_uncorr
MediumLLH_d0z0_ptbin10_uncorr
Entries 0
Mean 0.01247
Std Dev 1.512
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0.015
0.014
0.013
0.012
0.011
0.01
0.009
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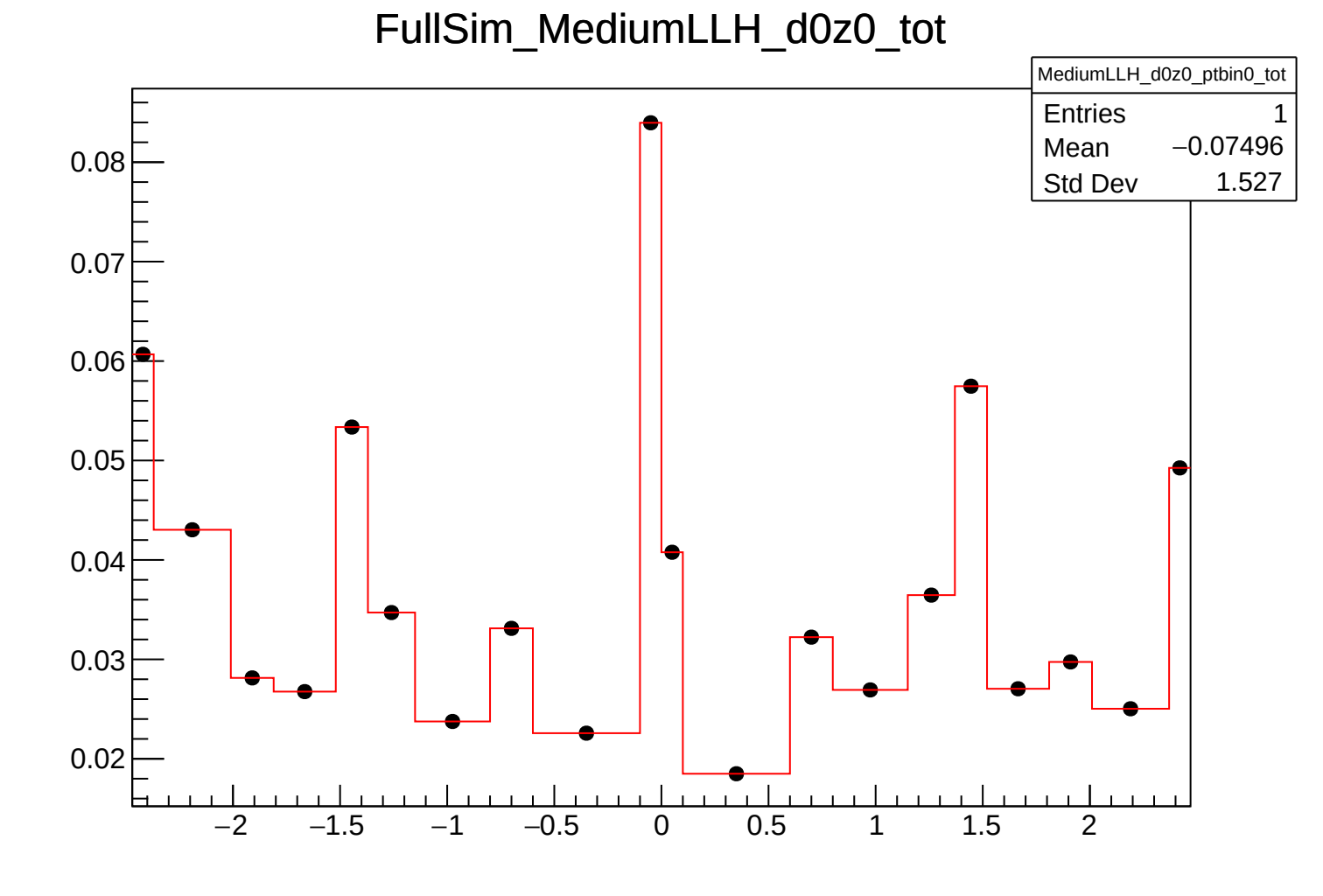
FullSim_MediumLLH_d0z0_tot
MediumLLH_d0z0_ptbin0_tot
Entries 1
Mean −0.07496
Std Dev 1.527
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0.07
0.06
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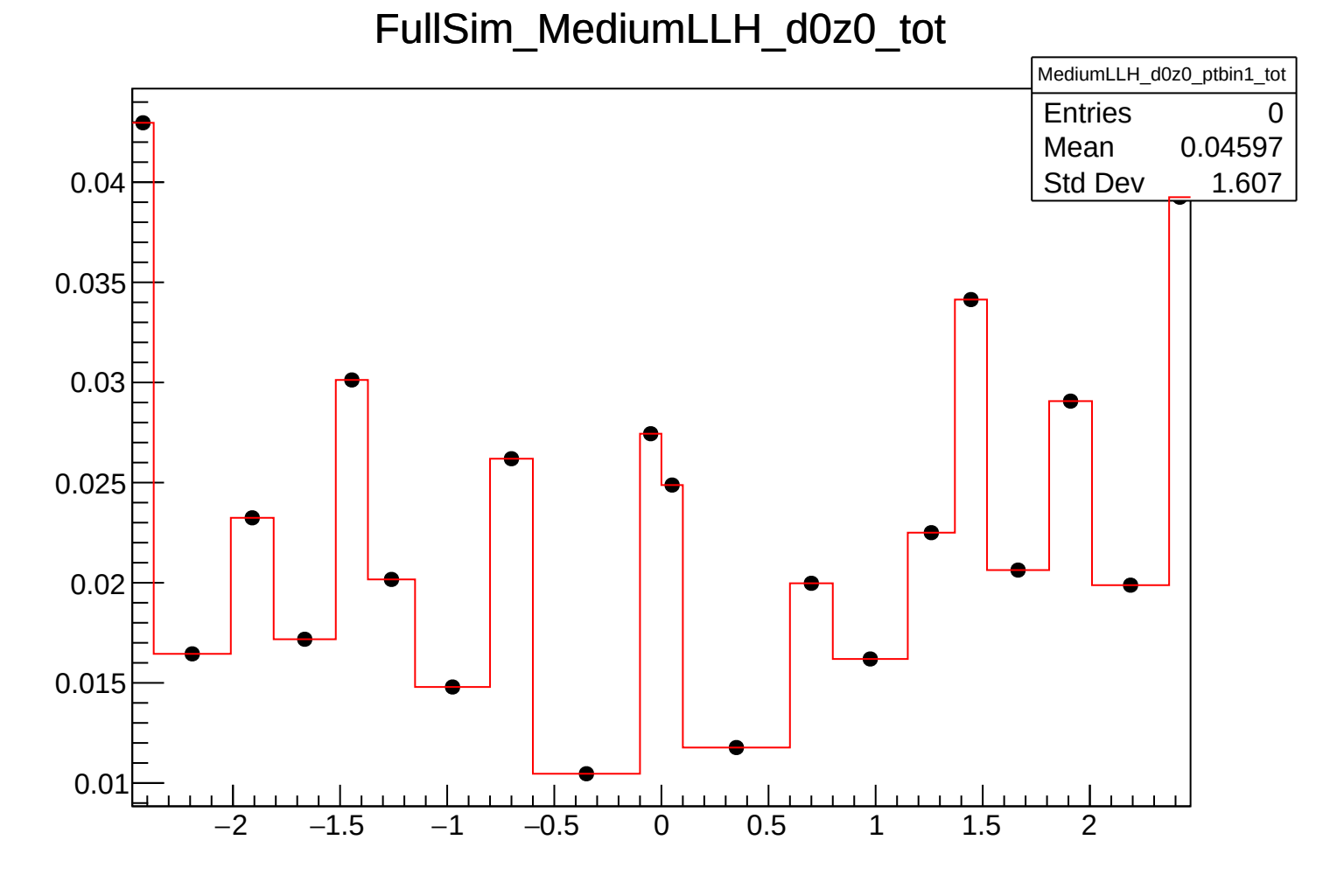
FullSim_MediumLLH_d0z0_tot
MediumLLH_d0z0_ptbin1_tot
Entries 0
Mean 0.04597
Std Dev 1.607
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0.03
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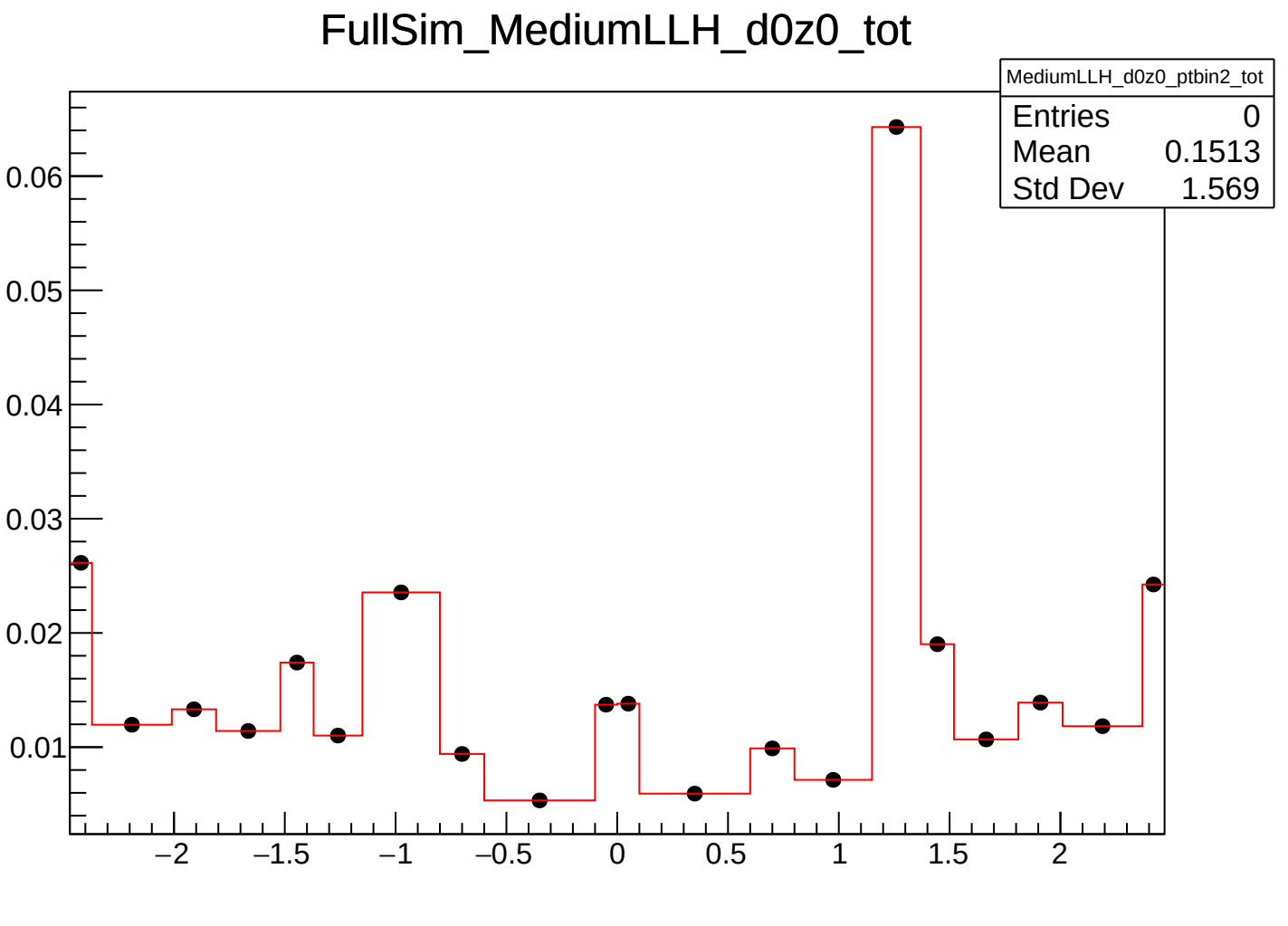
FullSim_MediumLLH_d0z0_tot
MediumLLH_d0z0_ptbin2_tot
Entries 0
Mean 0.1513
Std Dev 1.569
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0.05
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0.02
0.01
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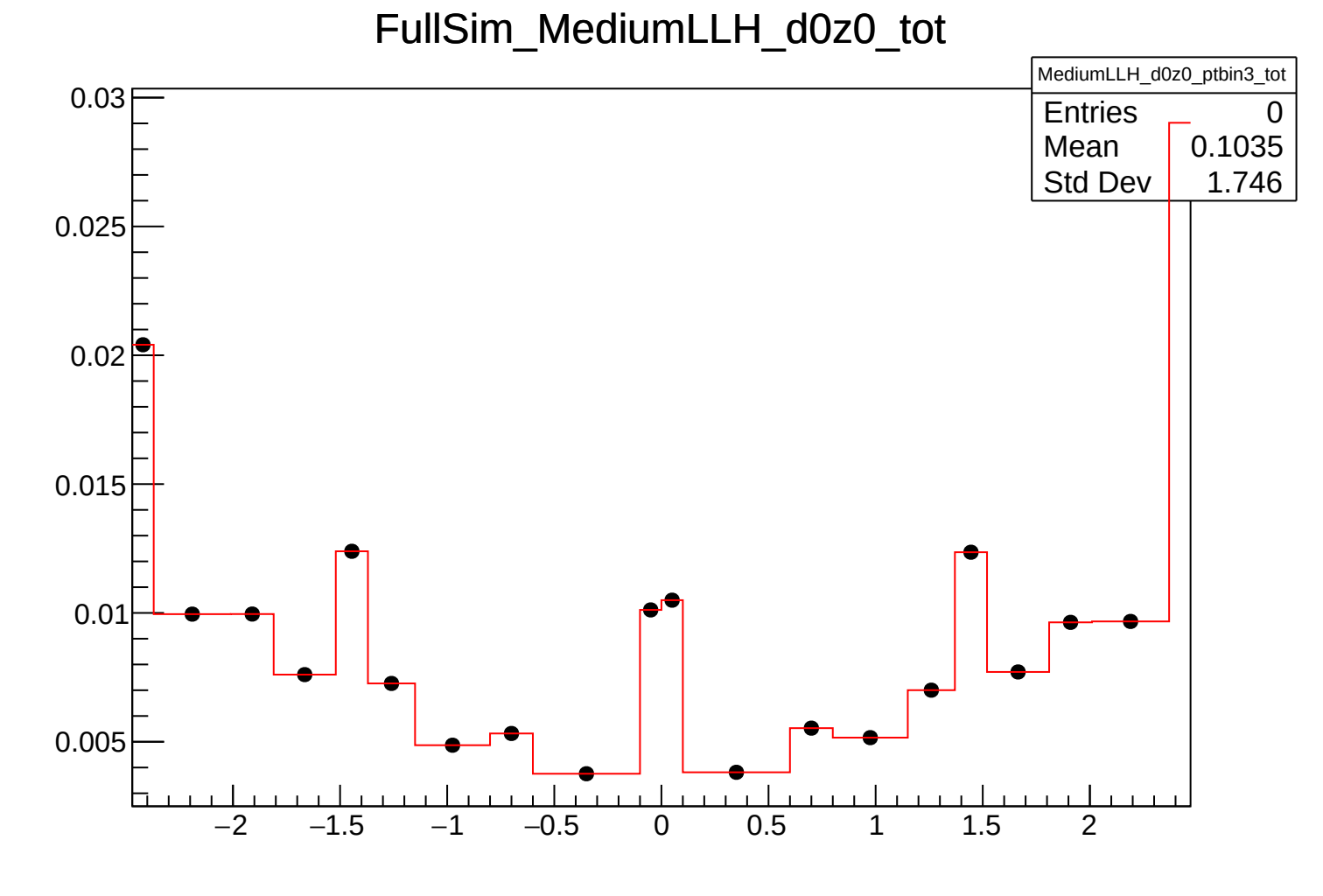
FullSim_MediumLLH_d0z0_tot
MediumLLH_d0z0_ptbin3_tot
Entries 0
Mean 0.1035
Std Dev 1.746
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0.025
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0.01
0.005
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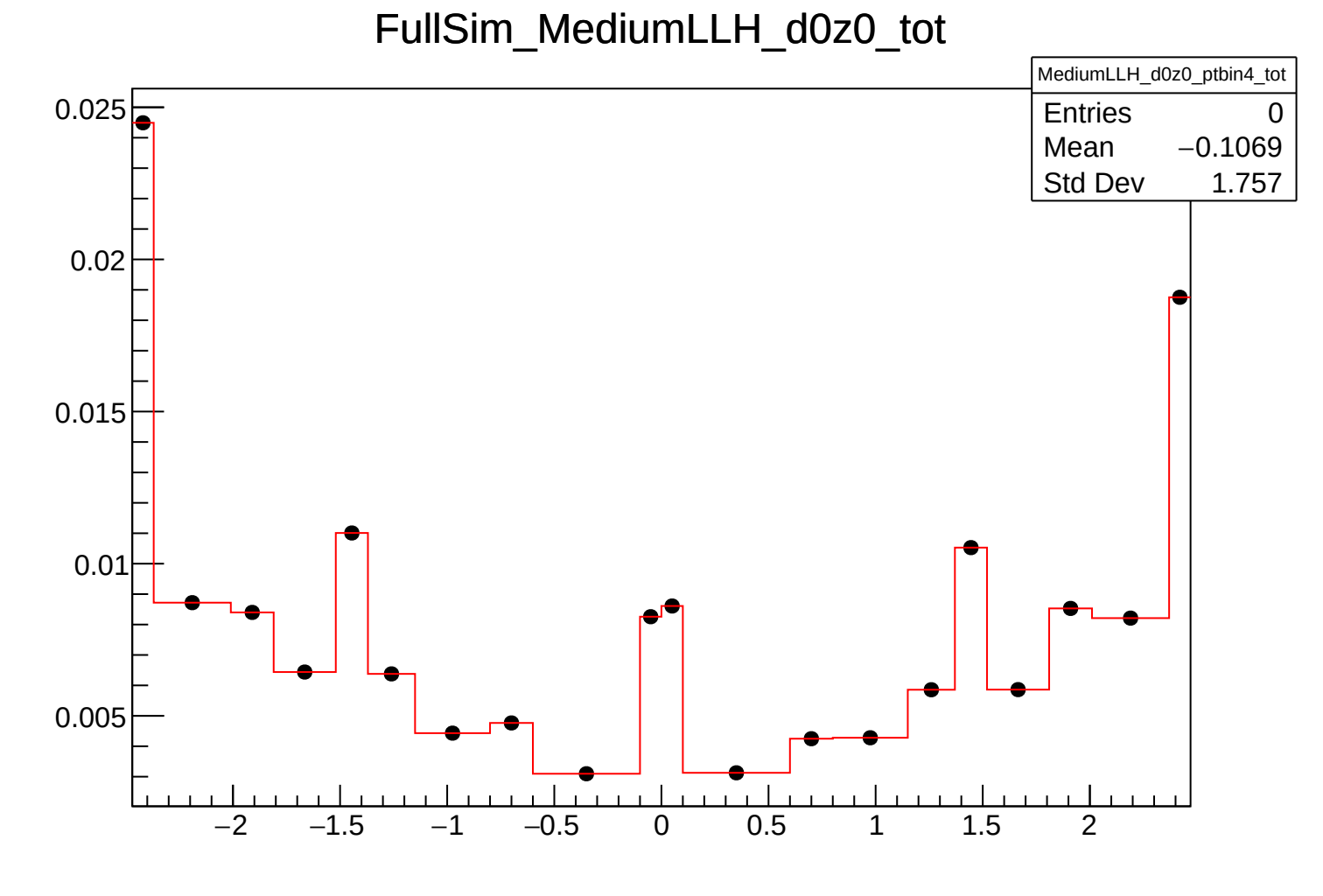
FullSim_MediumLLH_d0z0_tot
MediumLLH_d0z0_ptbin4_tot
Entries 0
Mean −0.1069
Std Dev 1.757
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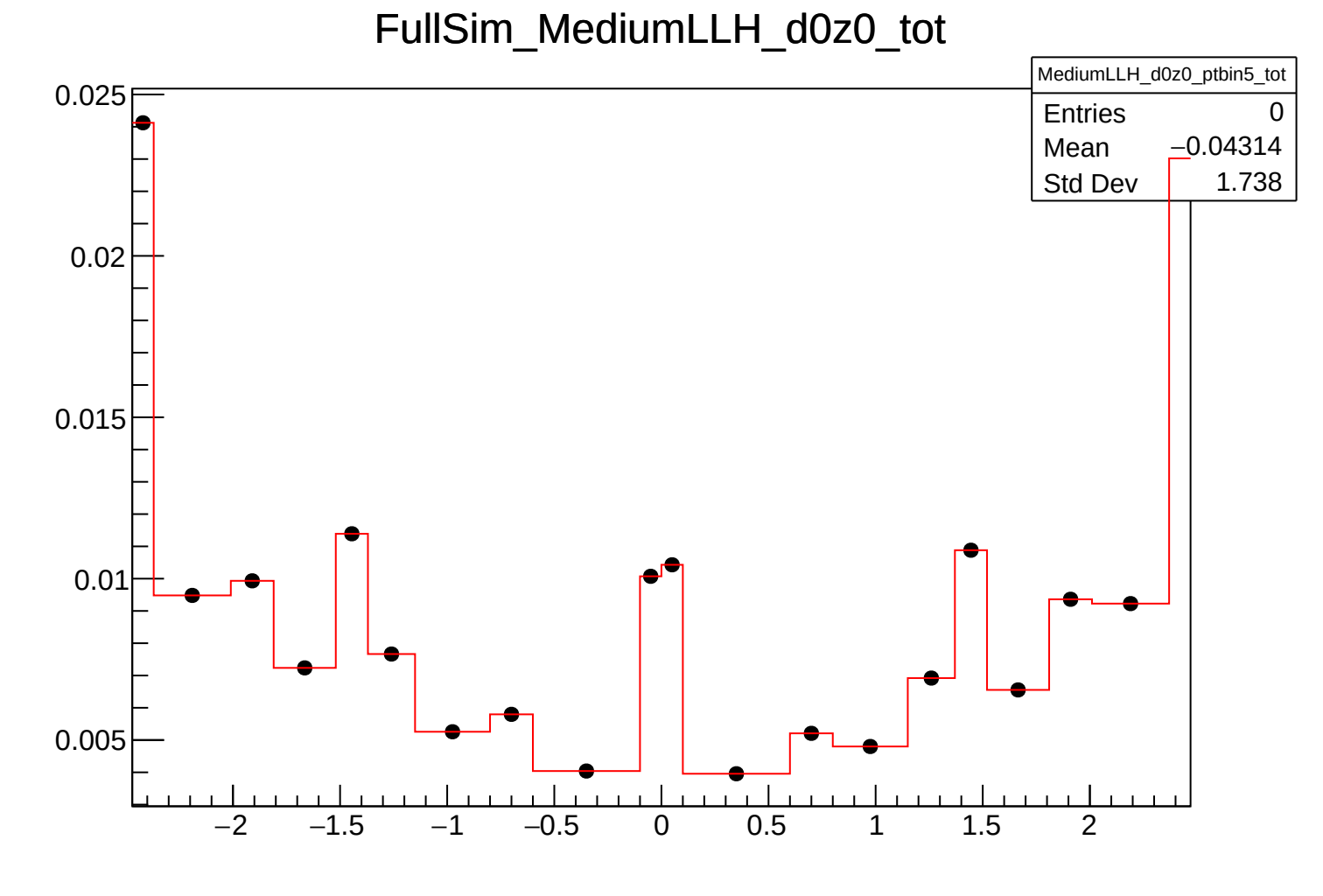
FullSim_MediumLLH_d0z0_tot
MediumLLH_d0z0_ptbin5_tot
Entries 0
Mean −0.04314
Std Dev 1.738
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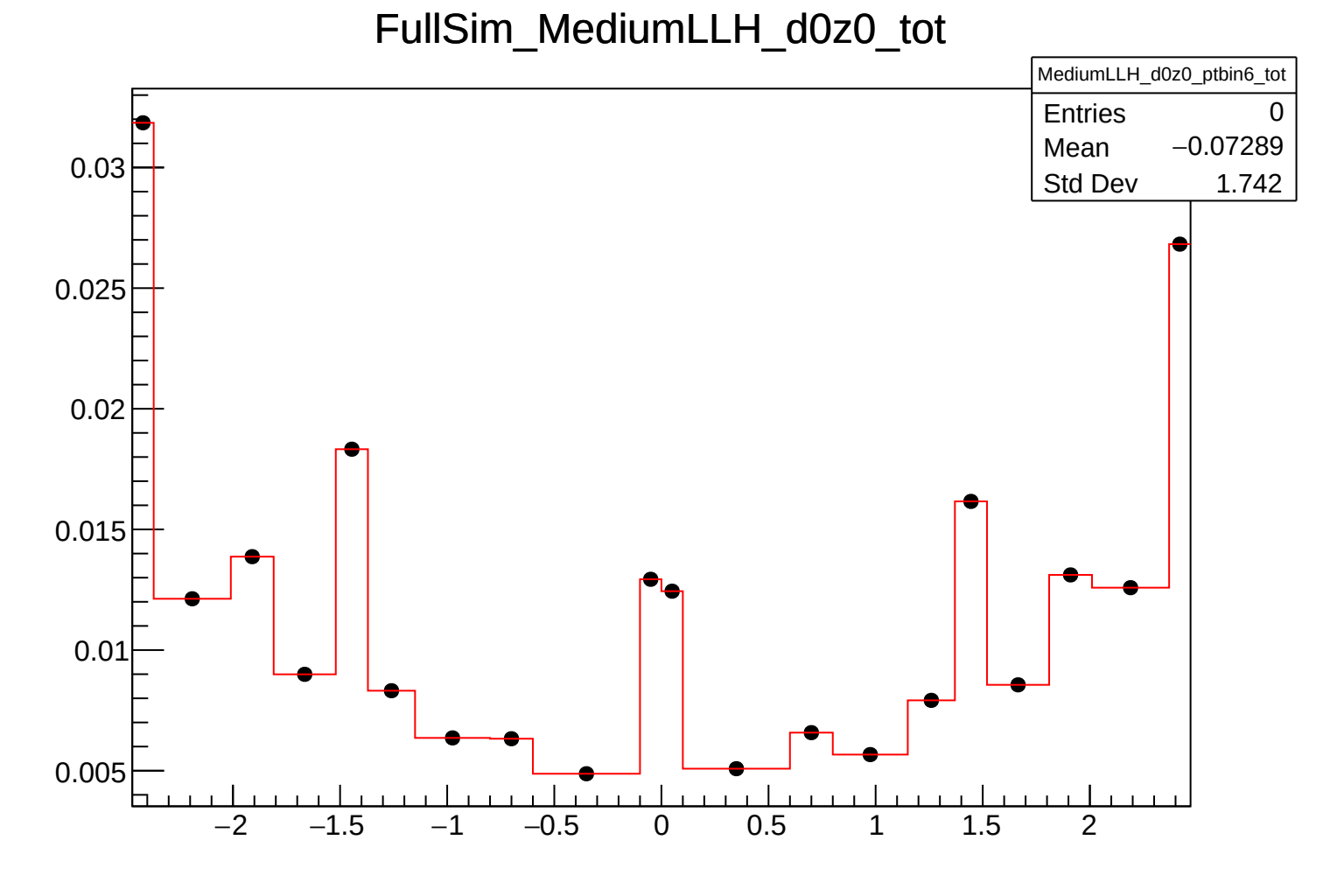
FullSim_MediumLLH_d0z0_tot
MediumLLH_d0z0_ptbin6_tot
Entries 0
Mean −0.07289
Std Dev 1.742
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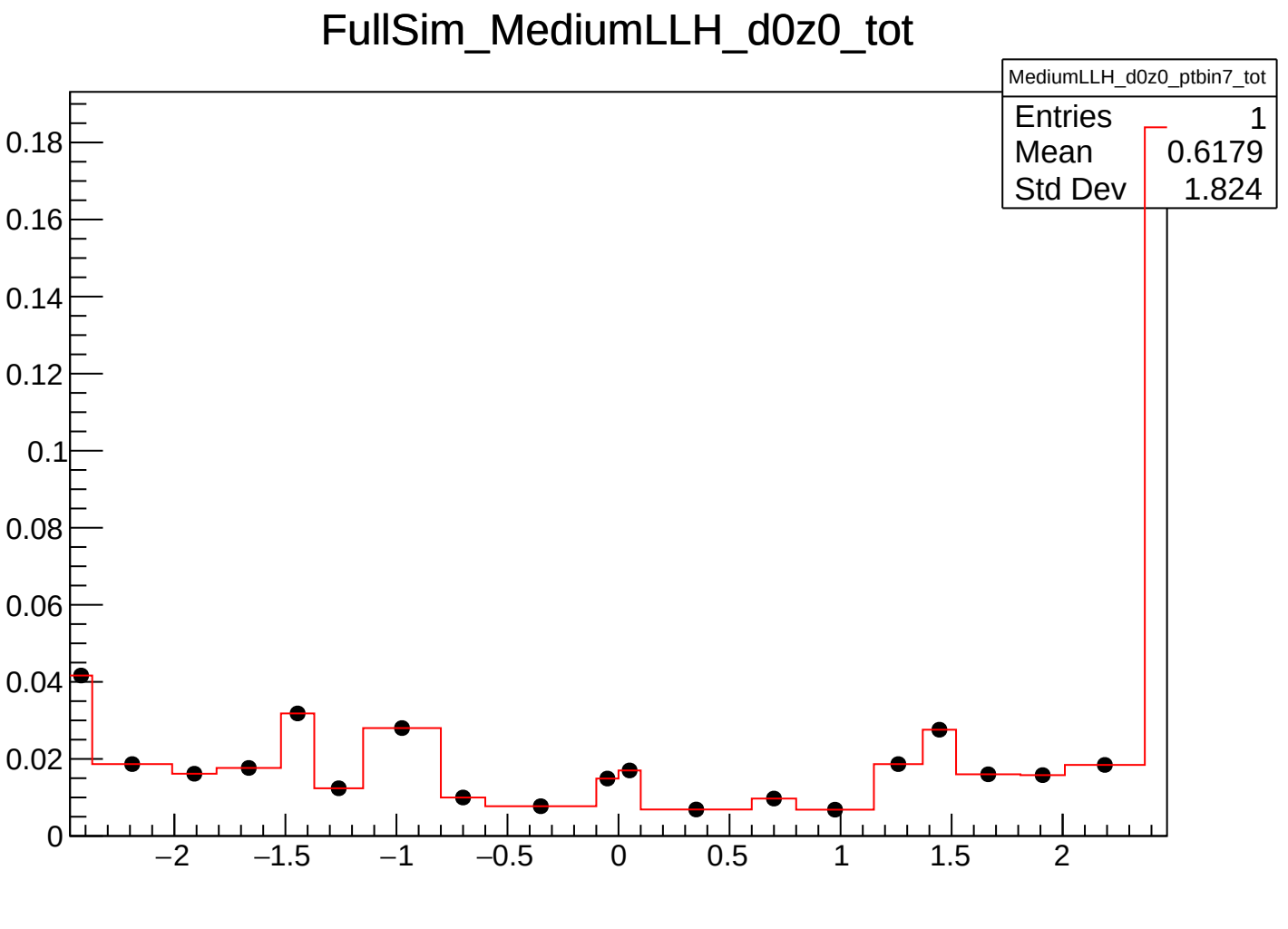
FullSim_MediumLLH_d0z0_tot
MediumLLH_d0z0_ptbin7_tot
Entries 1
Mean 0.6179
Std Dev 1.824
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0.14
0.12
0.1
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0.02
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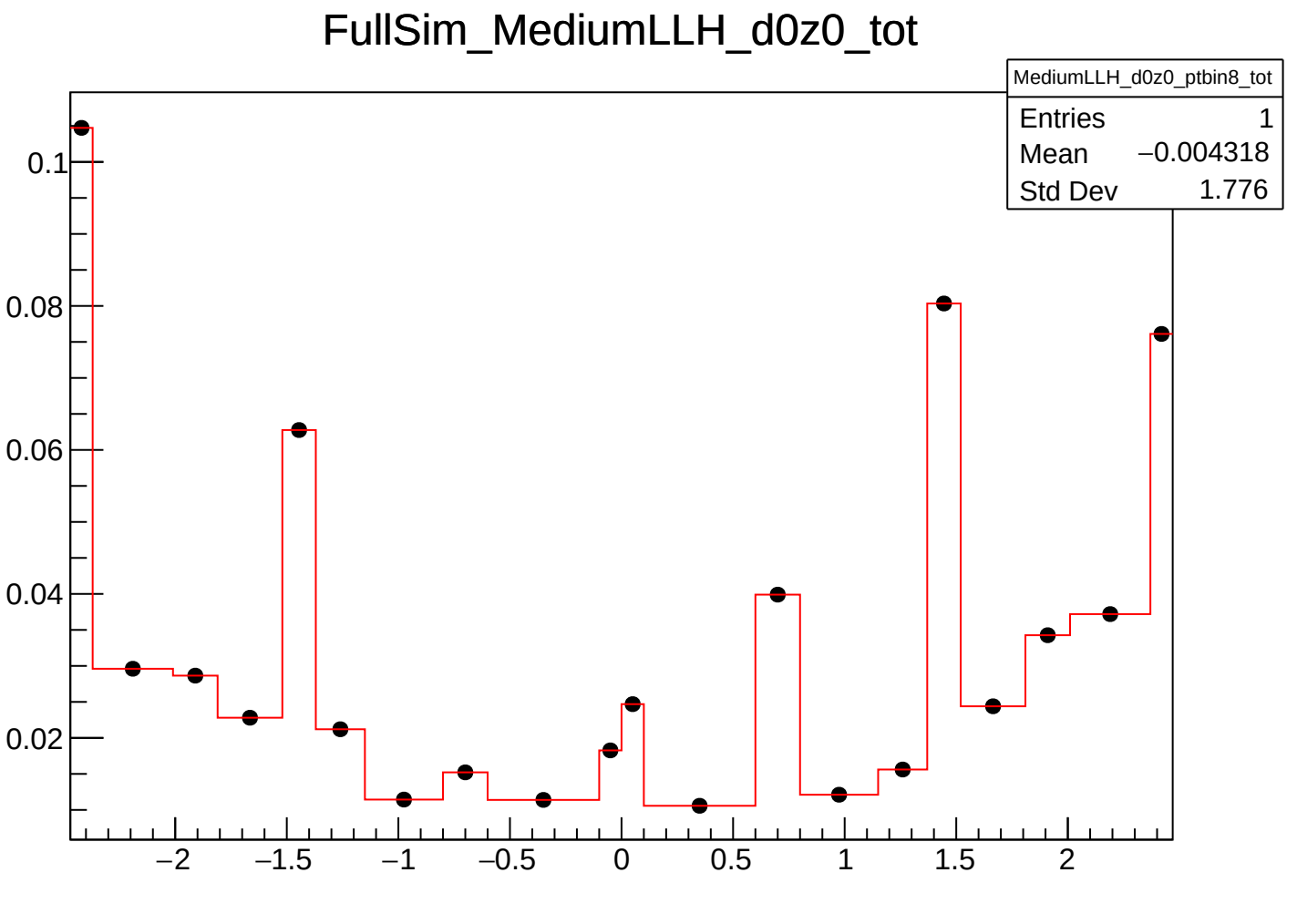
FullSim_MediumLLH_d0z0_tot
MediumLLH_d0z0_ptbin8_tot
Entries 1
Mean −0.004318
Std Dev 1.776
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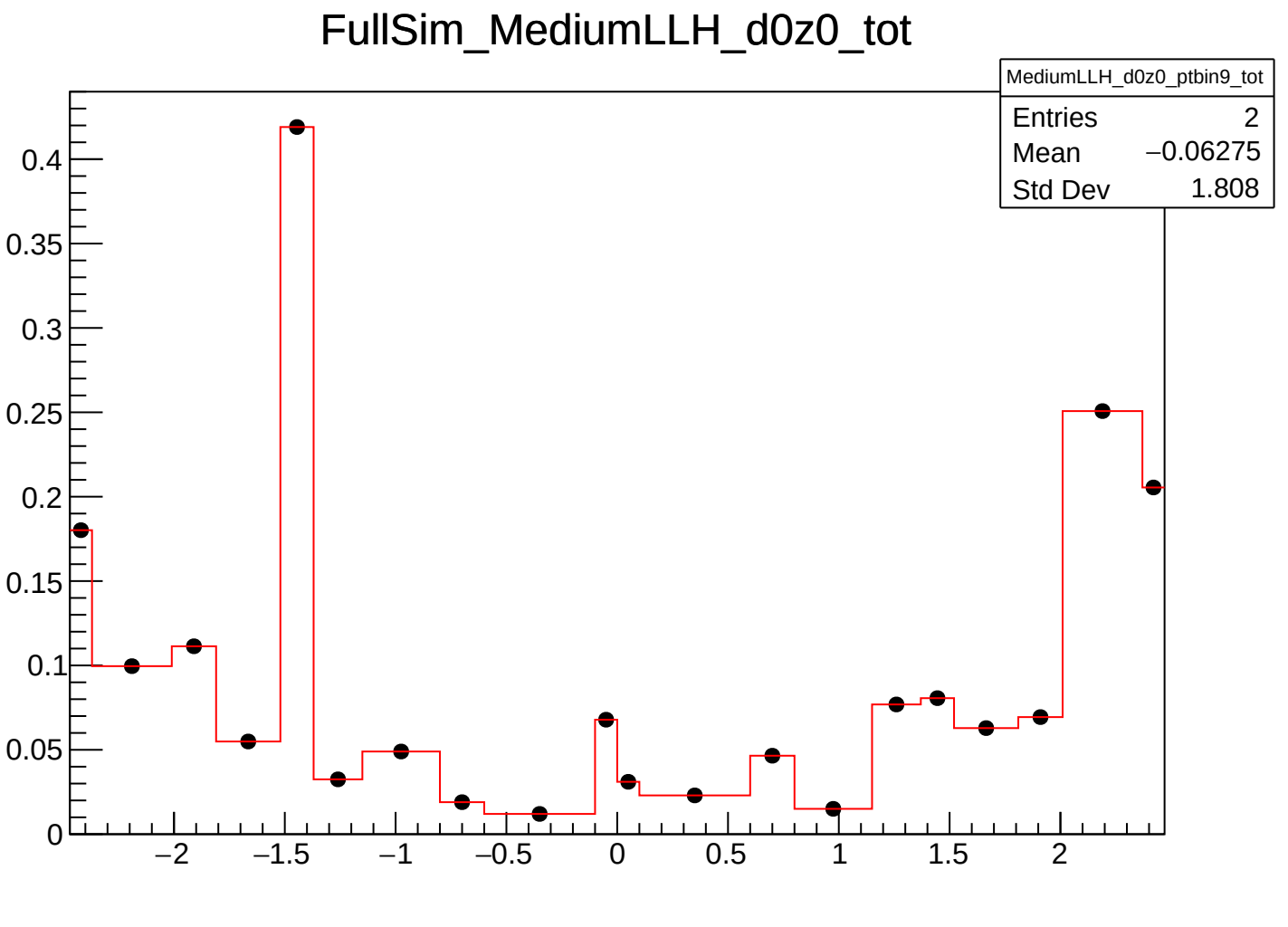
FullSim_MediumLLH_d0z0_tot
MediumLLH_d0z0_ptbin9_tot
Entries 2
Mean −0.06275
Std Dev 1.808
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0.3
0.25
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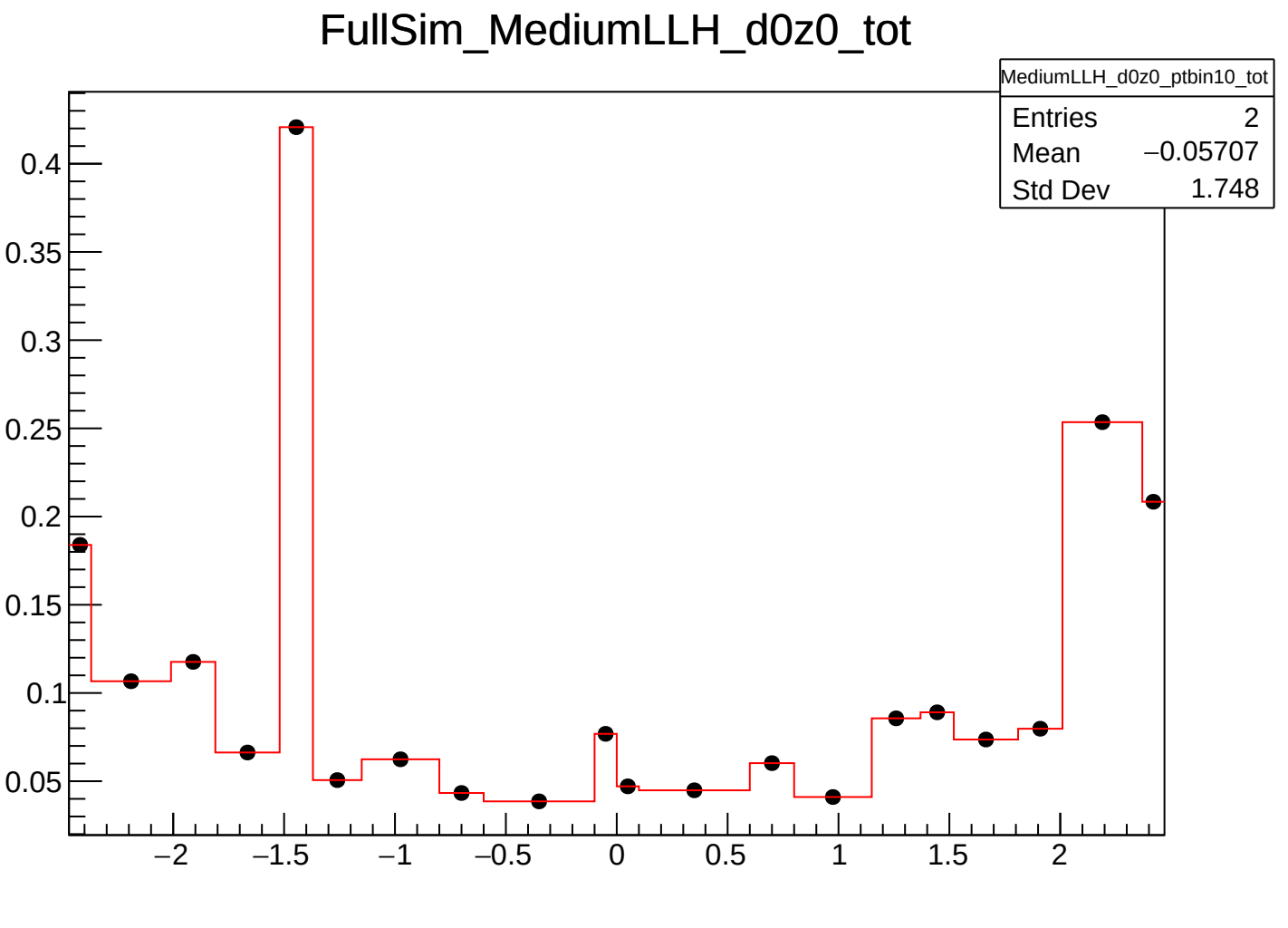
FullSim_MediumLLH_d0z0_tot
MediumLLH_d0z0_ptbin10_tot
Entries 2
Mean −0.05707
Std Dev 1.748
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0.3
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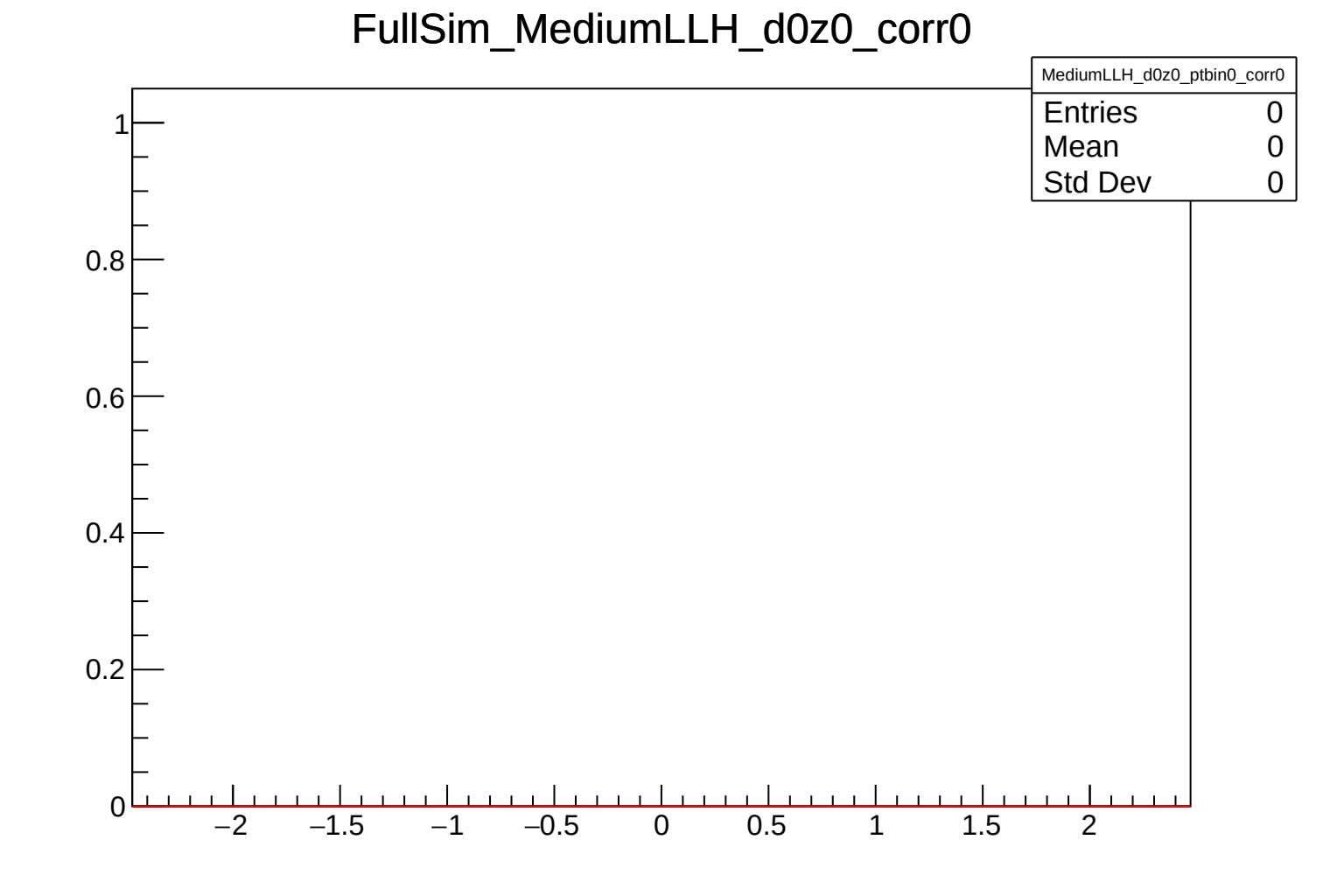
FullSim_MediumLLH_d0z0_corr0
MediumLLH_d0z0_ptbin0_corr0
Entries 0
Mean 0
Std Dev 0
1
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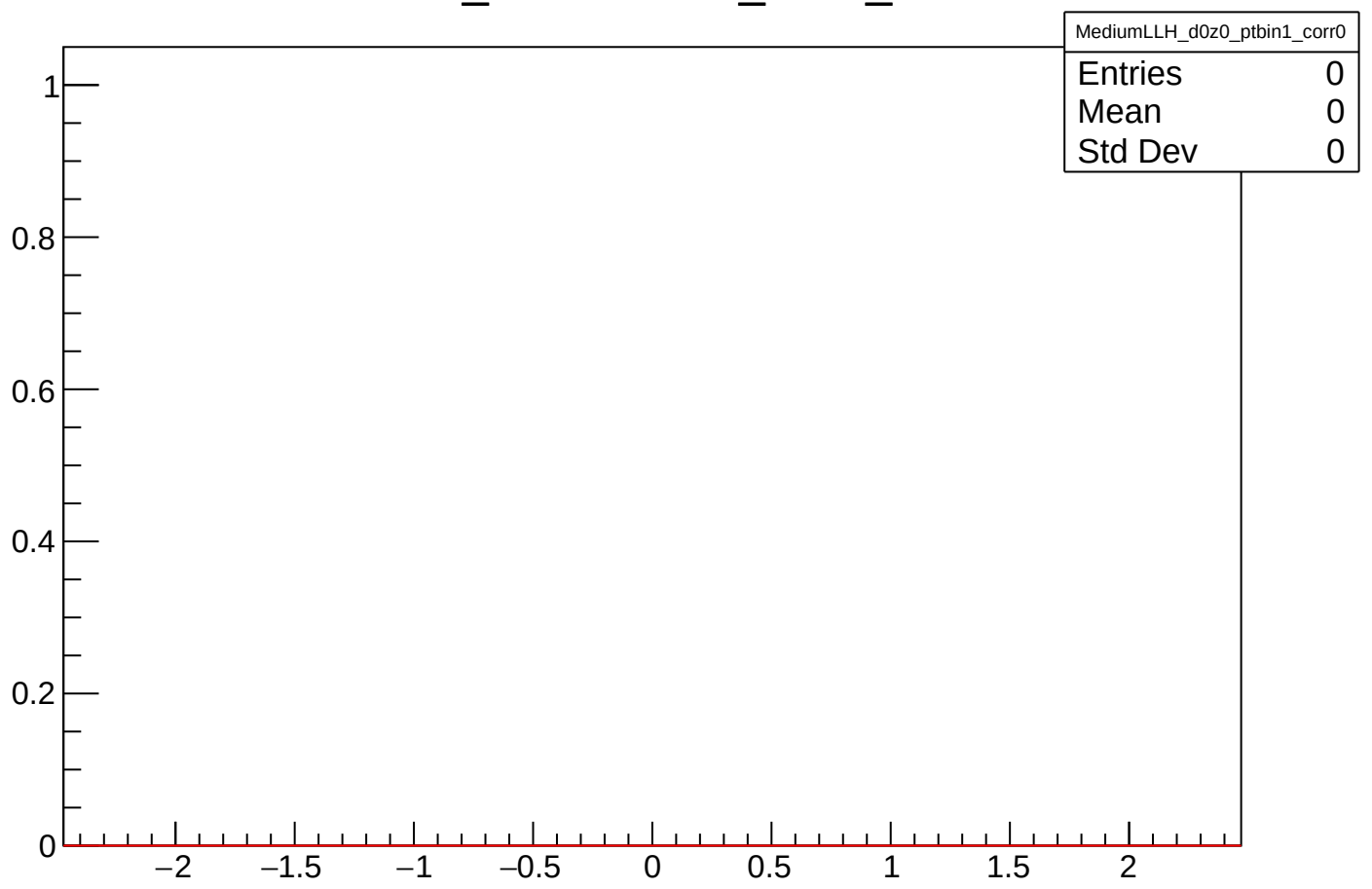
FullSim_MediumLLH_d0z0_corr0
MediumLLH_d0z0_ptbin1_corr0
Entries 0
Mean 0
Std Dev 0
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0.4
0.2
0
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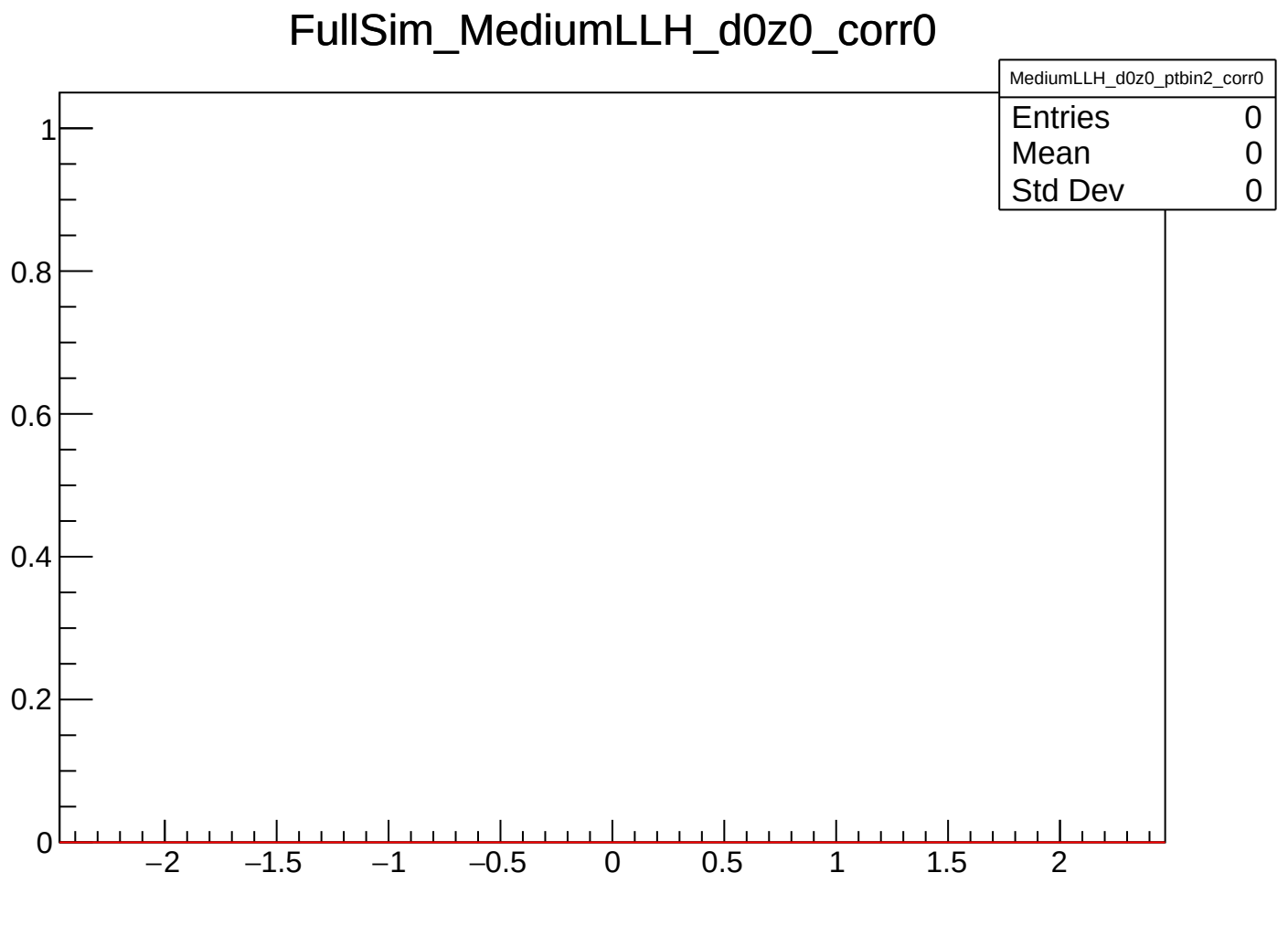
1.5
2


FullSim_MediumLLH_d0z0_corr0
MediumLLH_d0z0_ptbin2_corr0
Entries 0
Mean 0
Std Dev 0
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0.2
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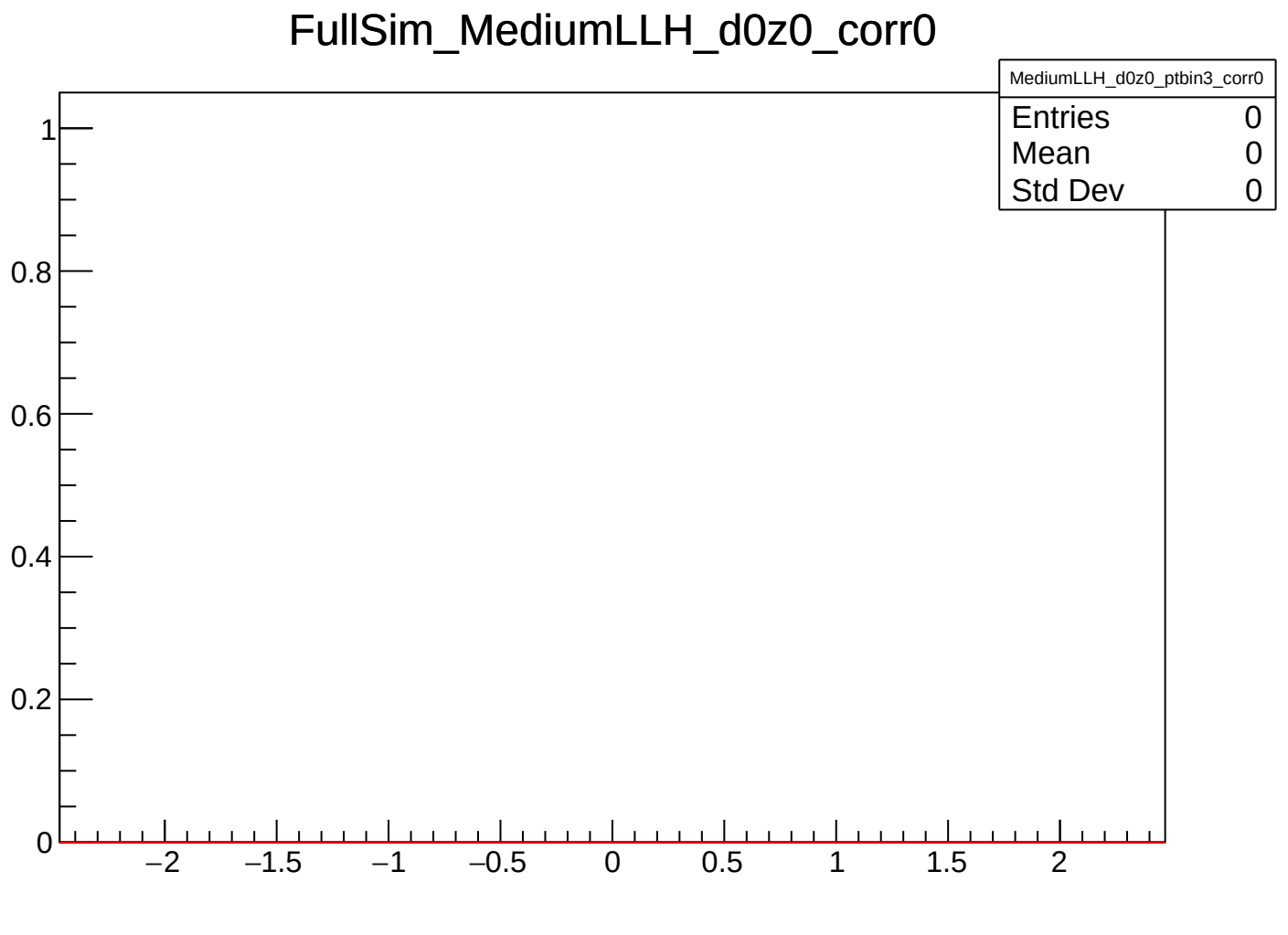
FullSim_MediumLLH_d0z0_corr0
MediumLLH_d0z0_ptbin3_corr0
Entries 0
Mean 0
Std Dev 0
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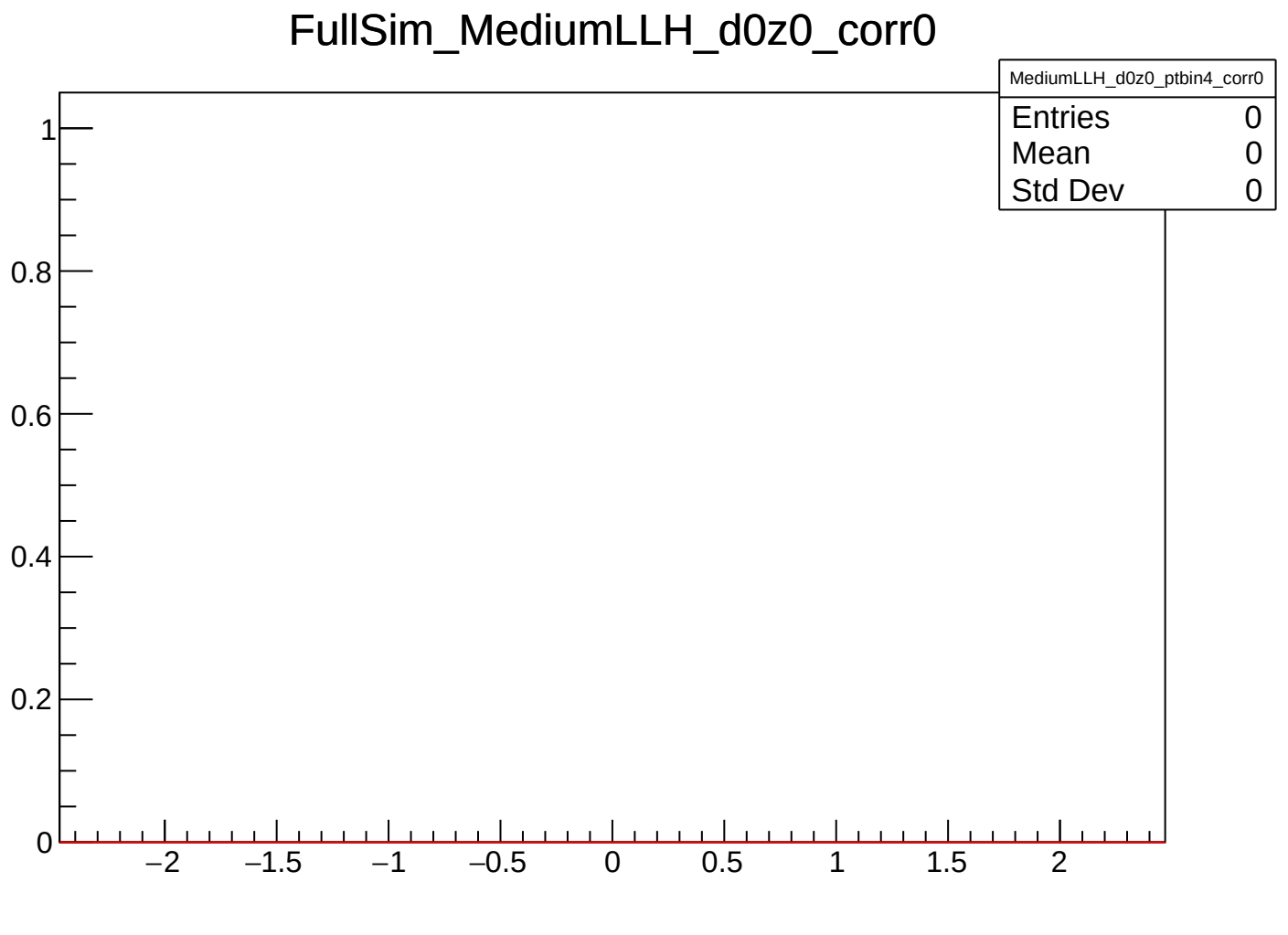
FullSim_MediumLLH_d0z0_corr0
MediumLLH_d0z0_ptbin4_corr0
Entries 0
Mean 0
Std Dev 0
1
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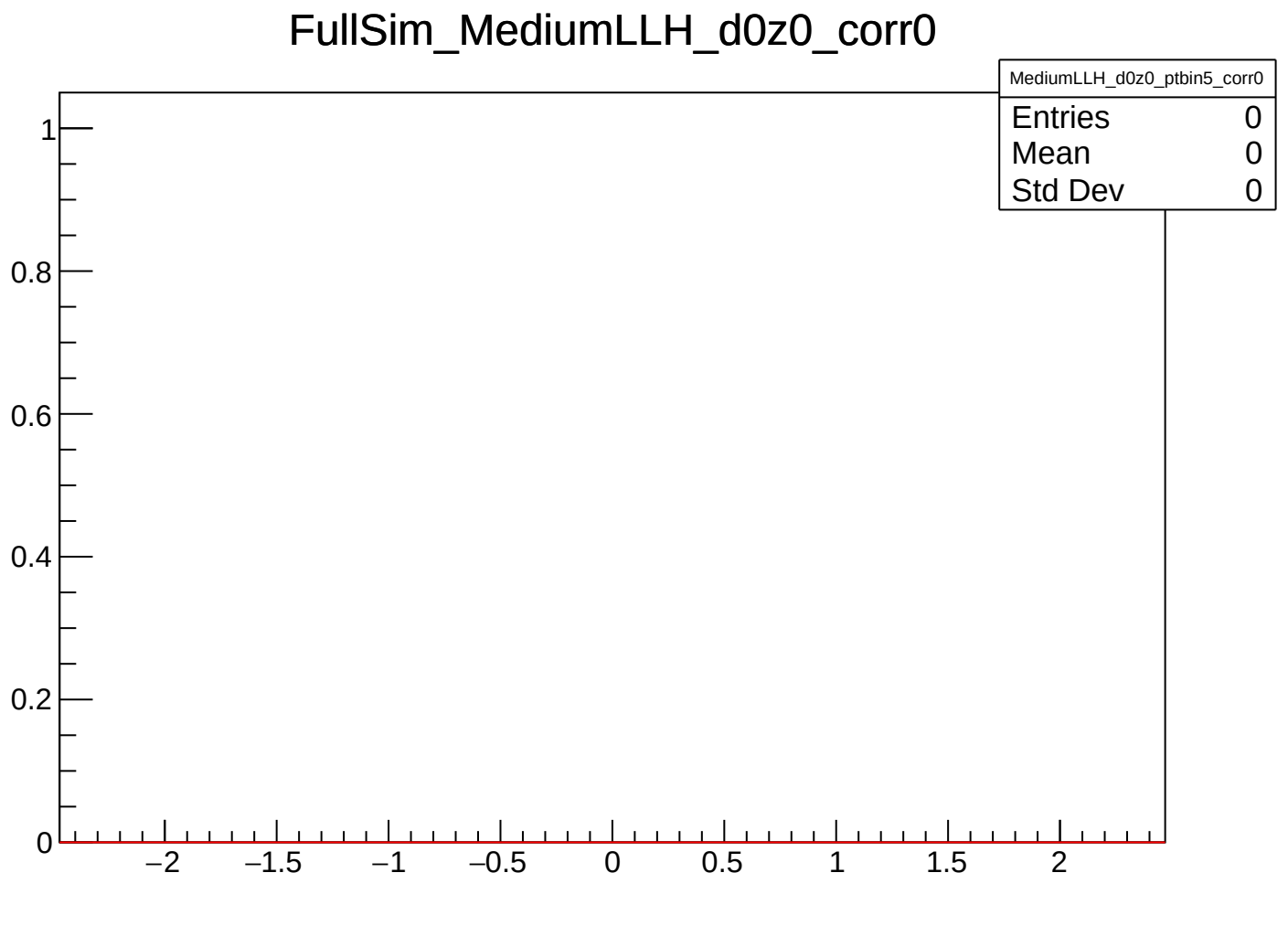
FullSim_MediumLLH_d0z0_corr0
MediumLLH_d0z0_ptbin5_corr0
Entries 0
Mean 0
Std Dev 0
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0.6
0.4
0.2
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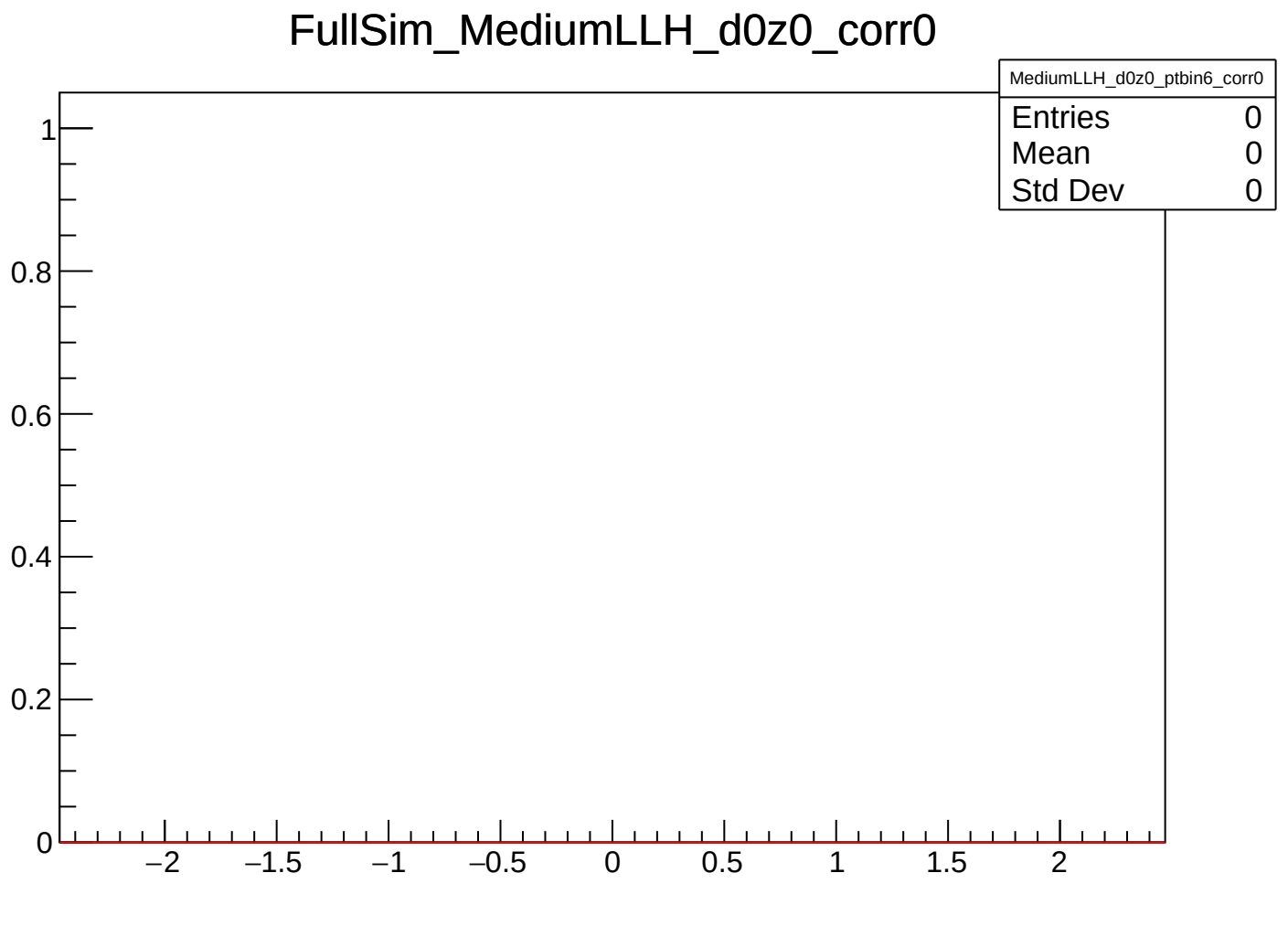
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr0
MediumLLH_d0z0_ptbin6_corr0
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
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−1.5
−1
−0.5
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1.5
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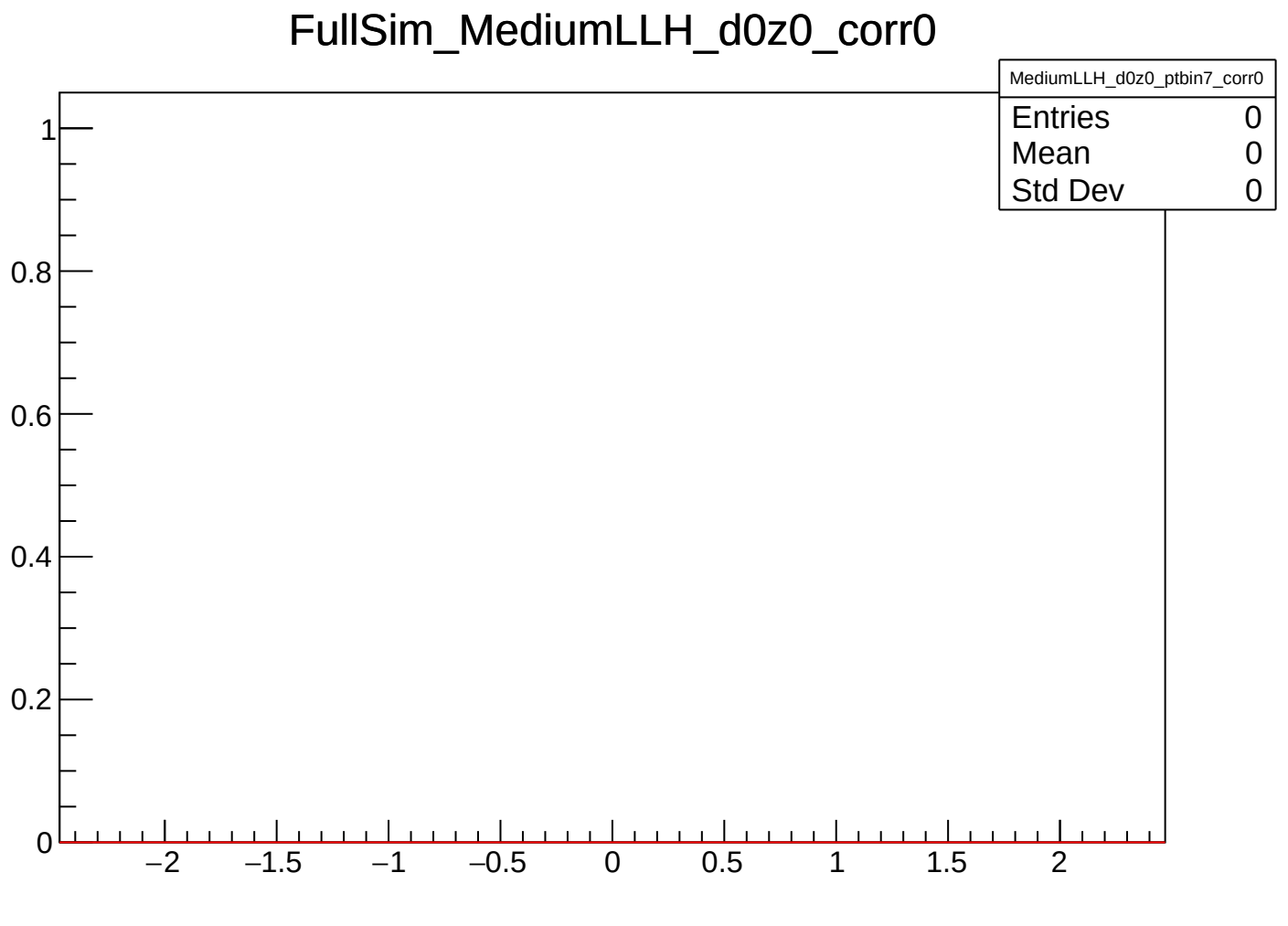
FullSim_MediumLLH_d0z0_corr0
MediumLLH_d0z0_ptbin7_corr0
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
−2
−1.5
−1
−0.5
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1
1.5
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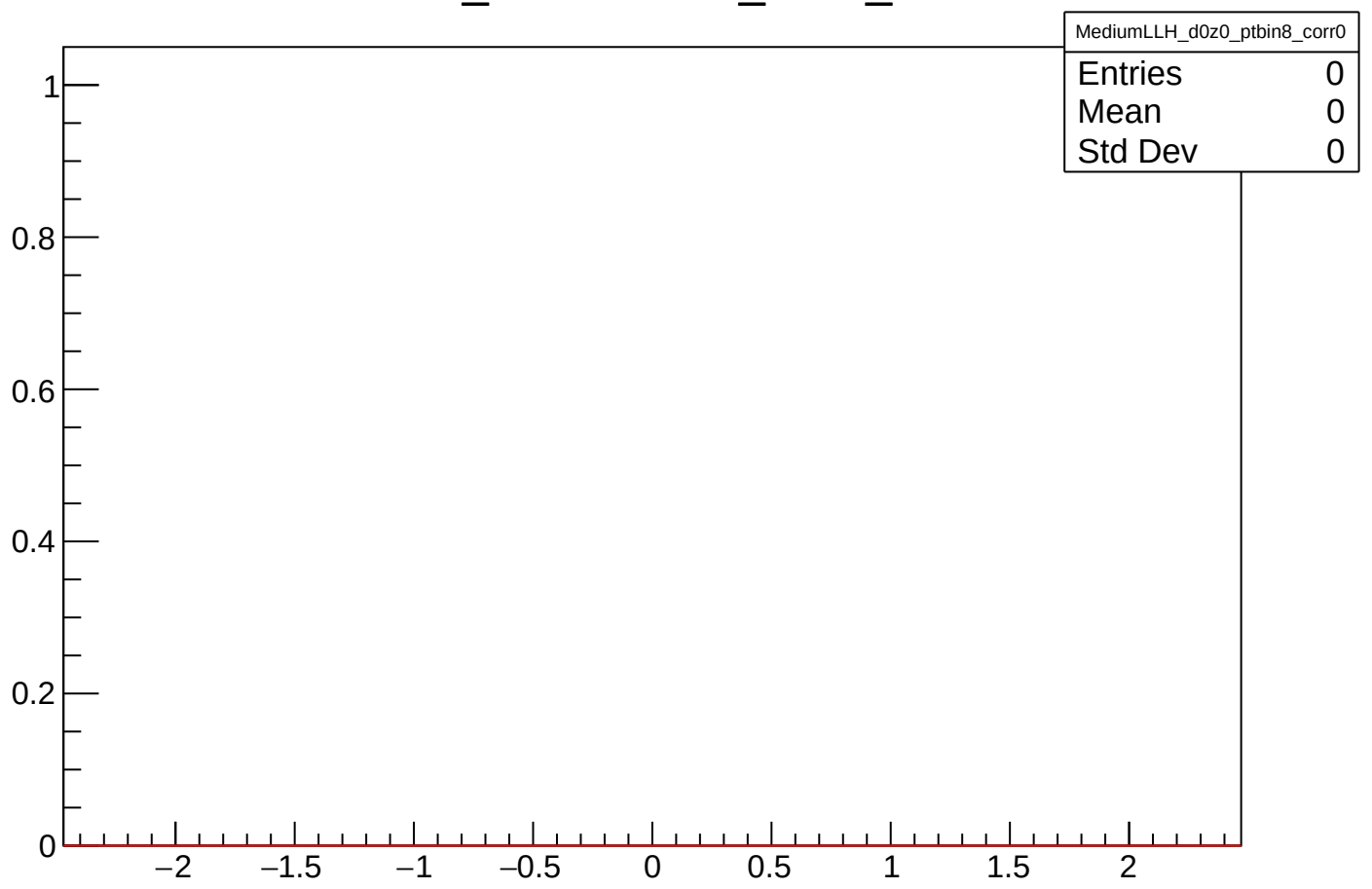
FullSim_MediumLLH_d0z0_corr0
MediumLLH_d0z0_ptbin8_corr0
Entries 0
Mean 0
Std Dev 0
1
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0.6
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0.2
0
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−1.5
−1
−0.5
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1
1.5
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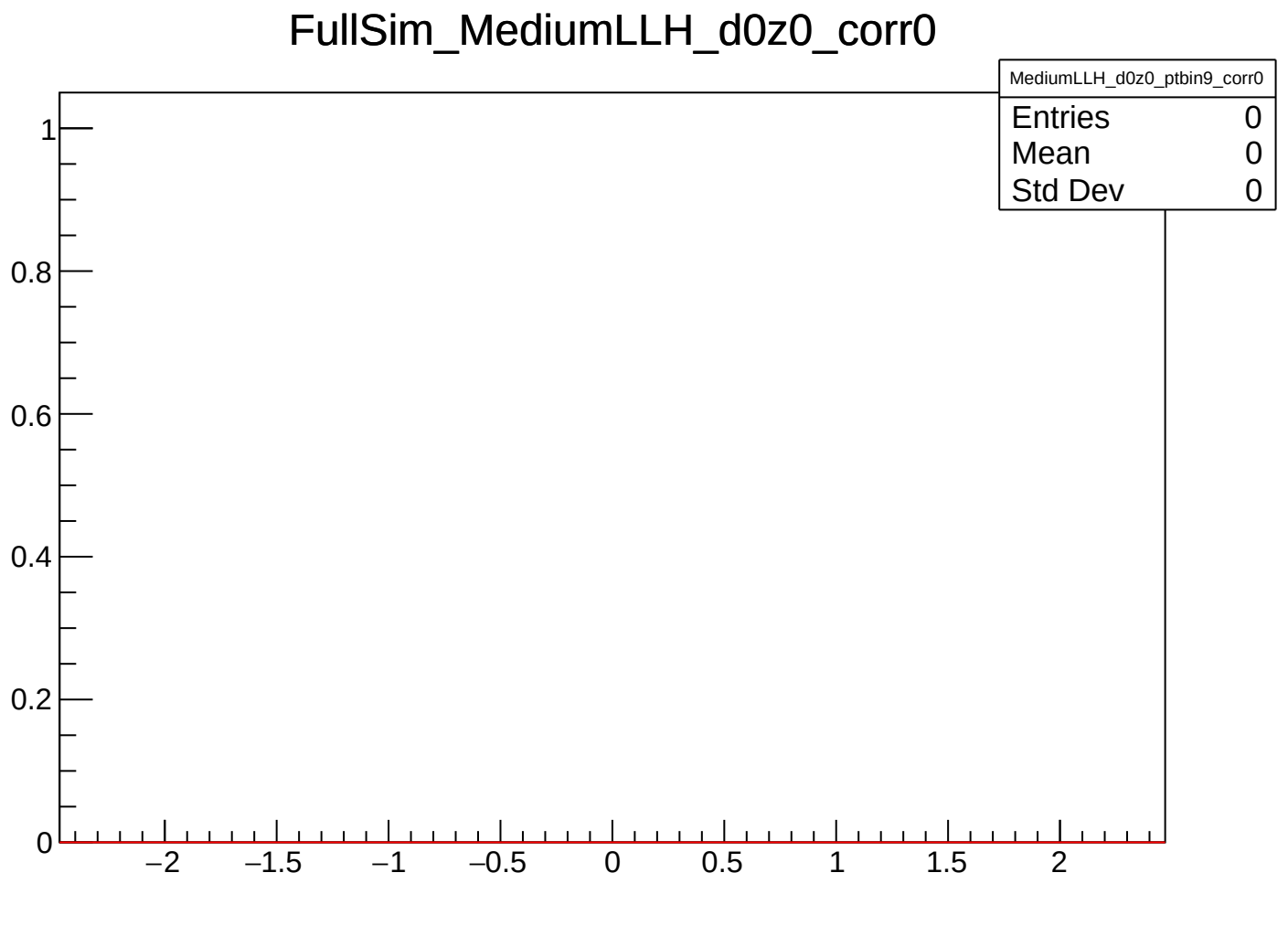
FullSim_MediumLLH_d0z0_corr0
MediumLLH_d0z0_ptbin9_corr0
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
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0.2
0
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−1
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0.5
1
1.5
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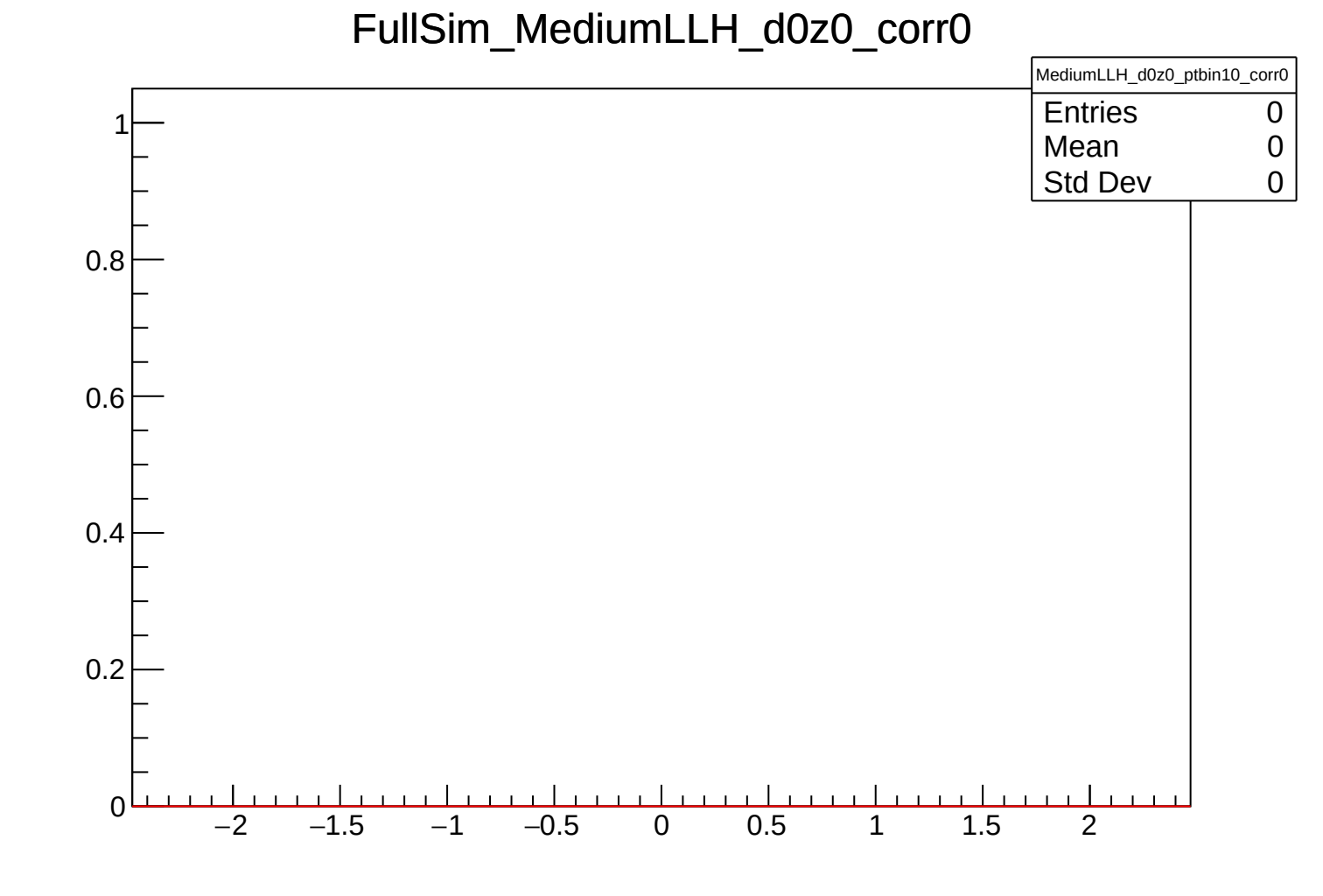
FullSim_MediumLLH_d0z0_corr0
MediumLLH_d0z0_ptbin10_corr0
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
−2
−1.5
−1
−0.5
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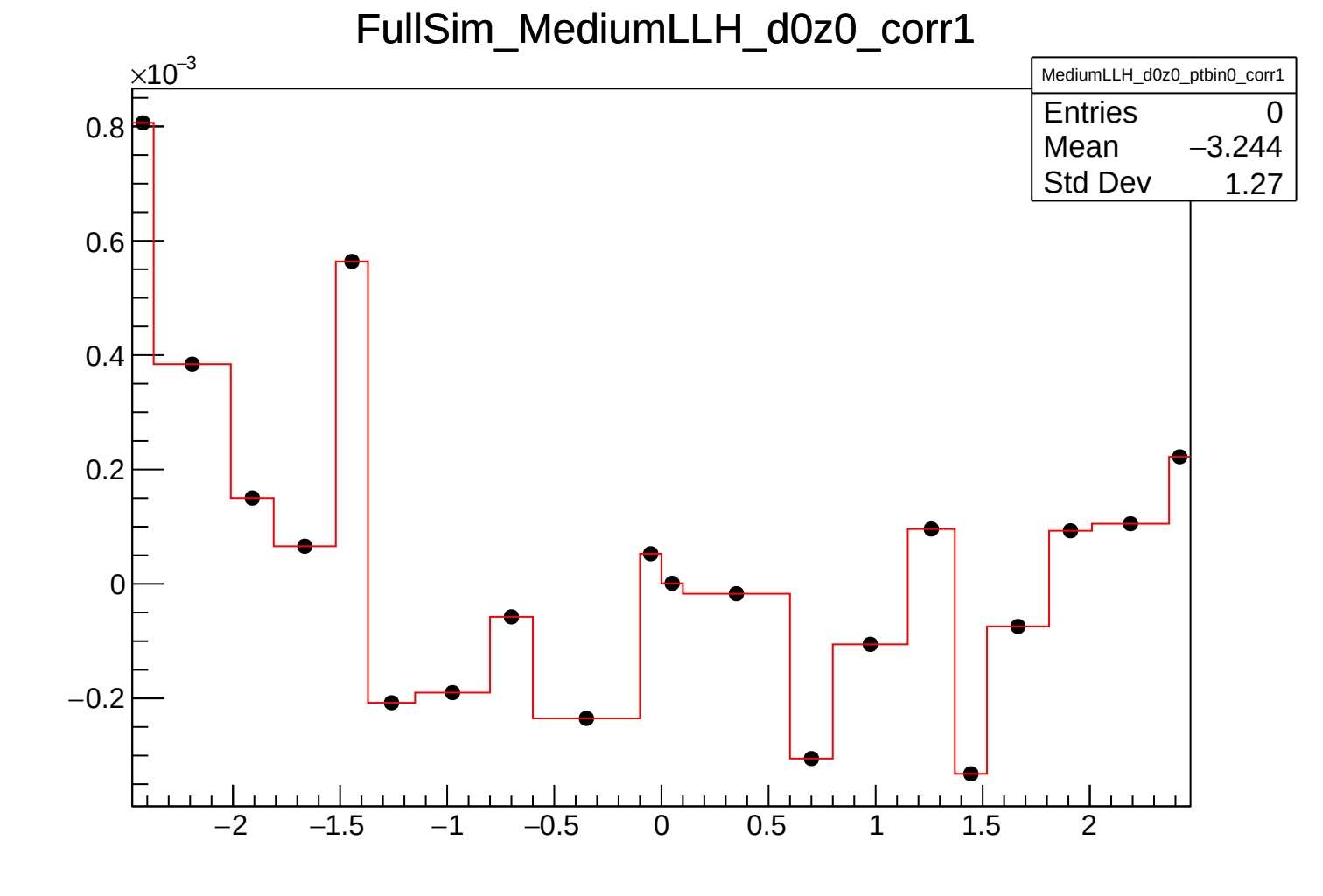
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr1
×10^−3
MediumLLH_d0z0_ptbin0_corr1
Entries 0
Mean −3.244
Std Dev 1.27
0.8
0.6
0.4
0.2
0
−0.2
−2
−1.5
−1
−0.5
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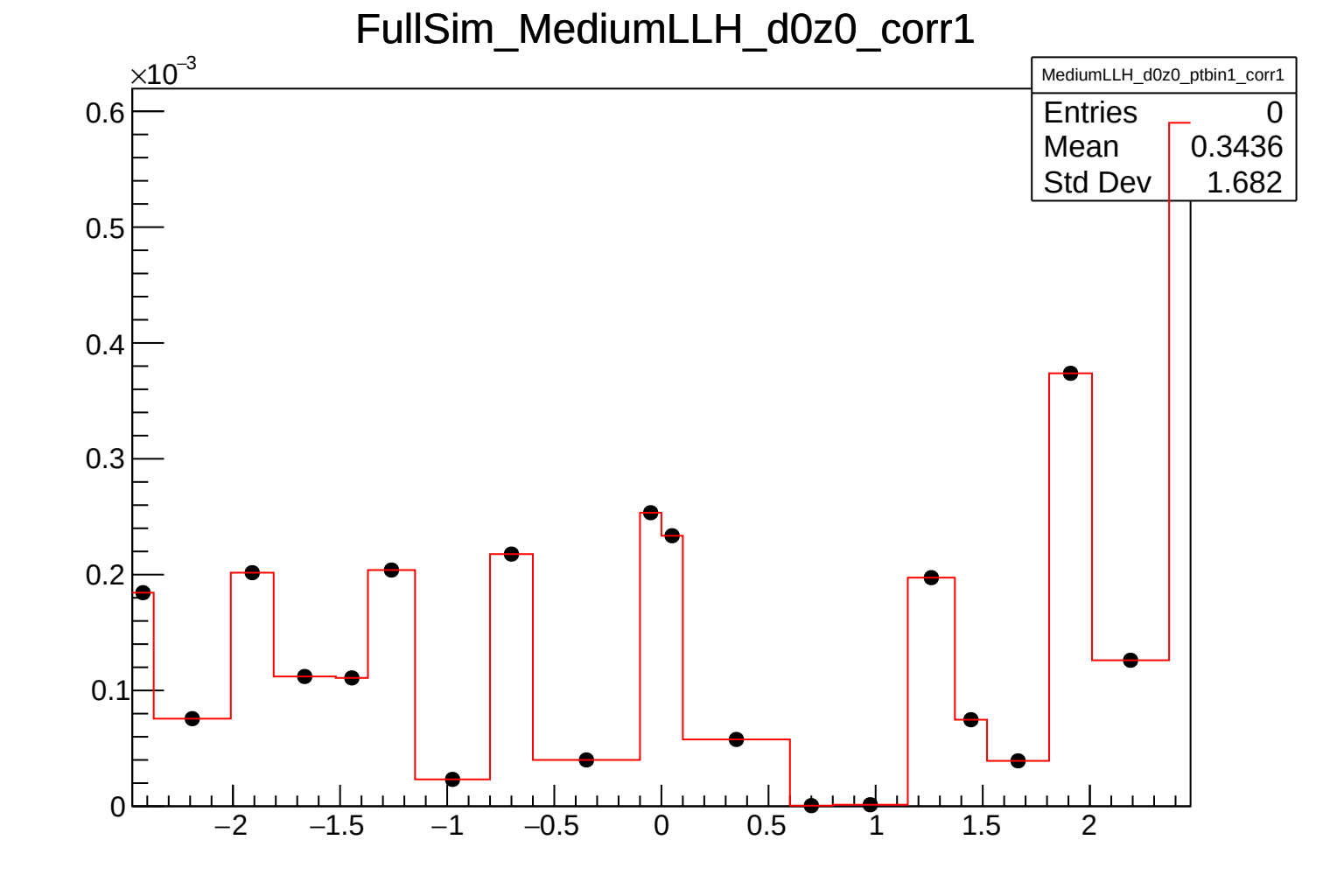
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr1
MediumLLH_d0z0_ptbin1_corr1
Entries 0
Mean 0.3436
Std Dev 1.682
×10^−3
0.6
0.5
0.4
0.3
0.2
0.1
0
−2
−1.5
−1
−0.5
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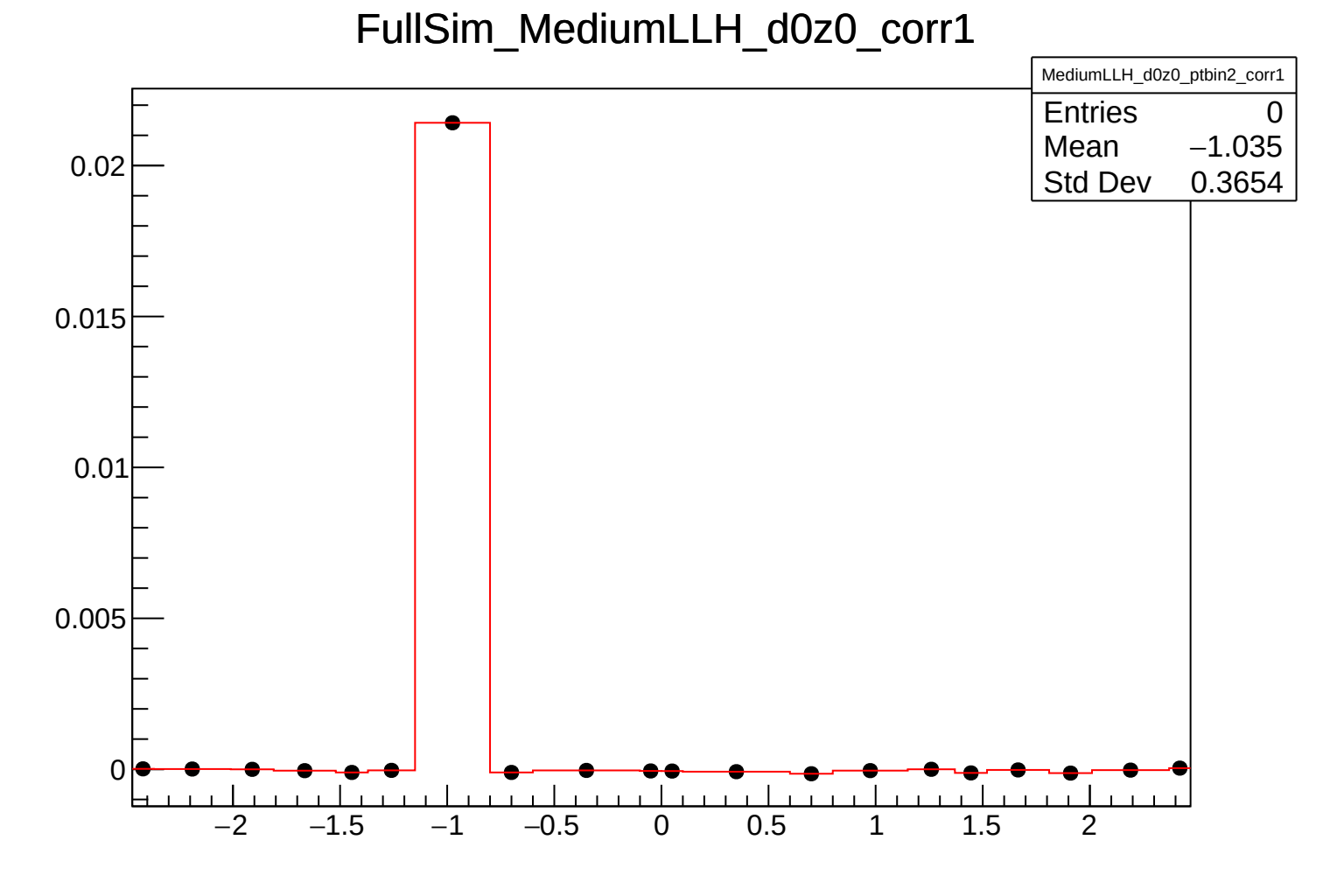
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr1
MediumLLH_d0z0_ptbin2_corr1
Entries 0
Mean −1.035
Std Dev 0.3654
0.02
0.015
0.01
0.005
0
−2
−1.5
−1
−0.5
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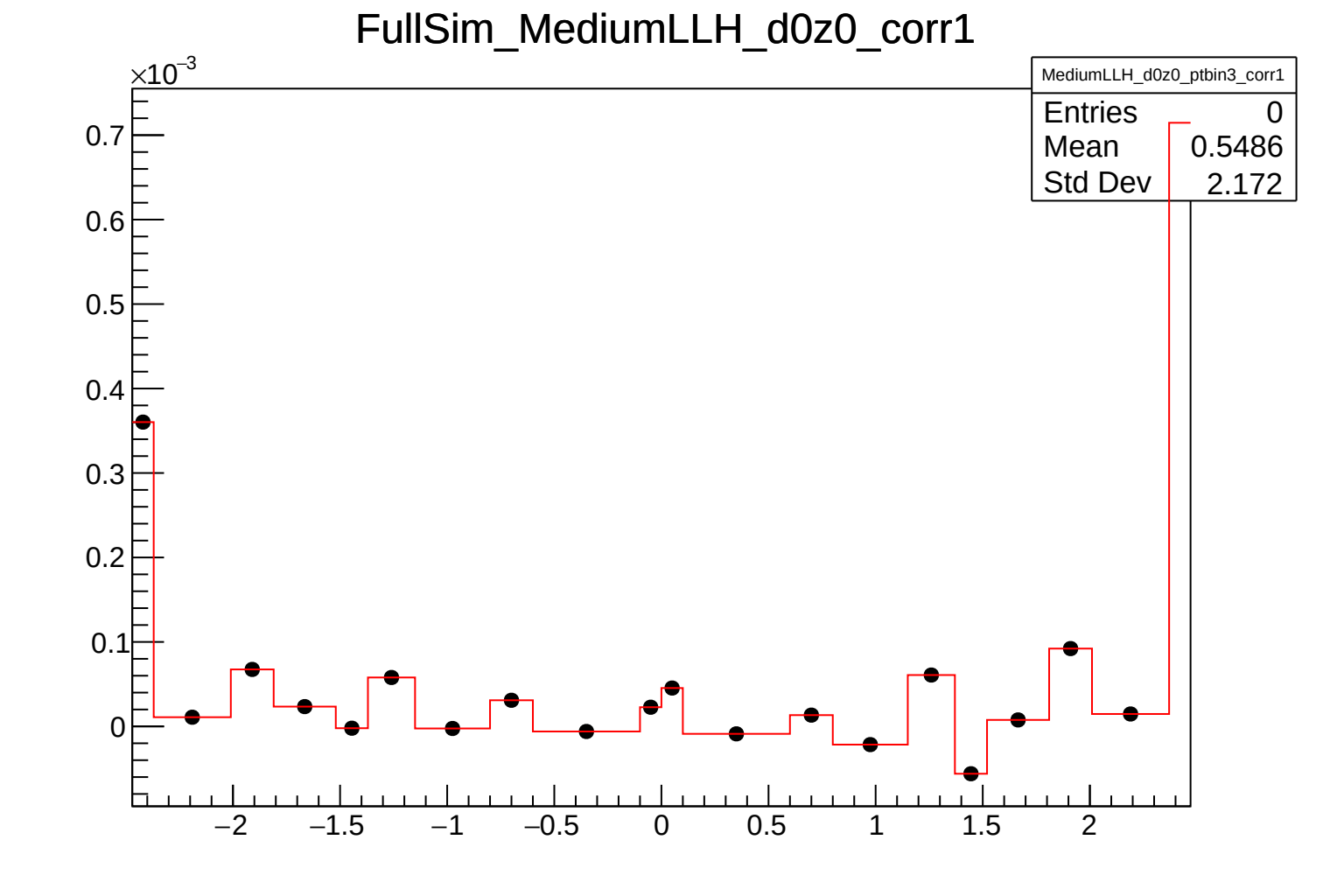
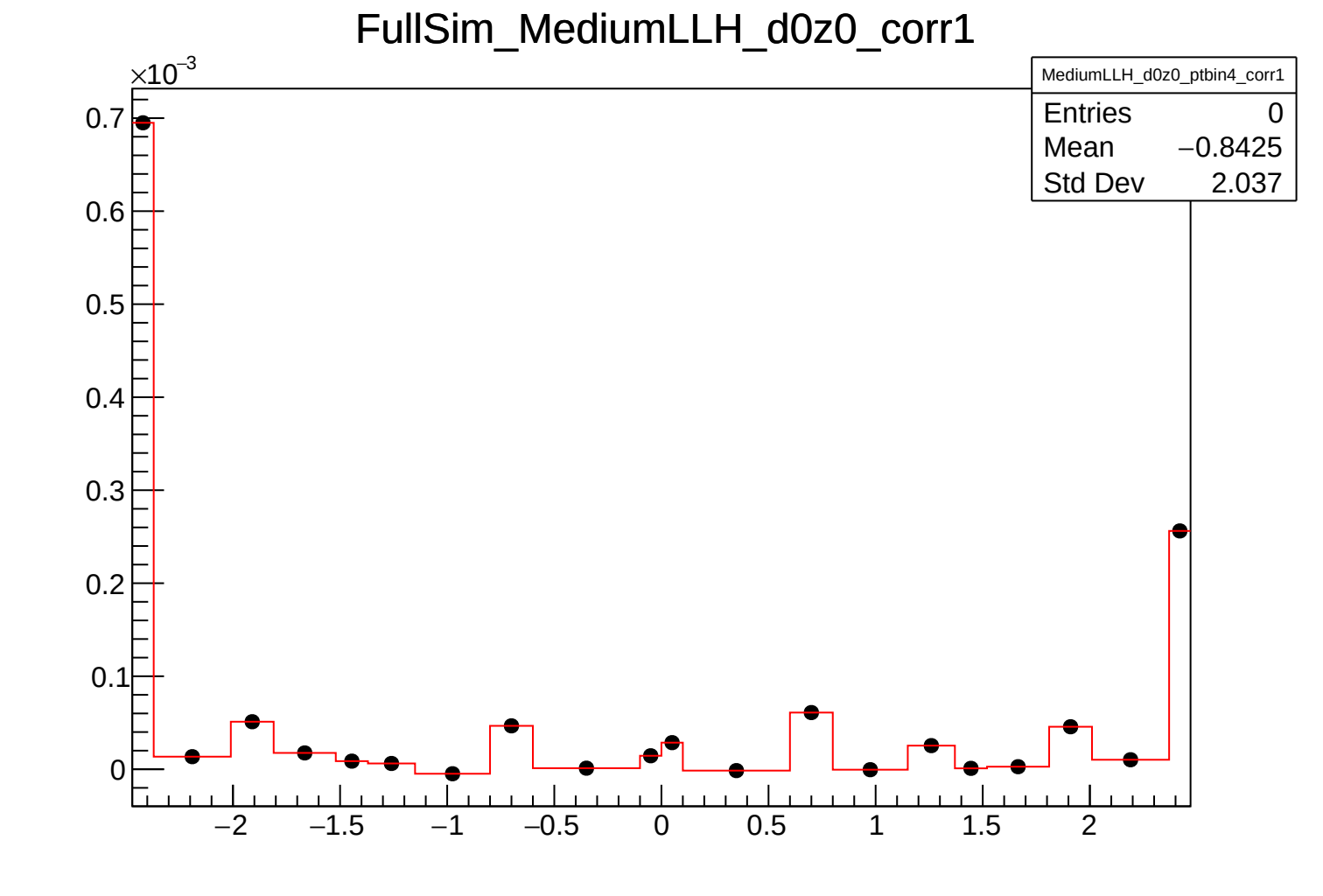
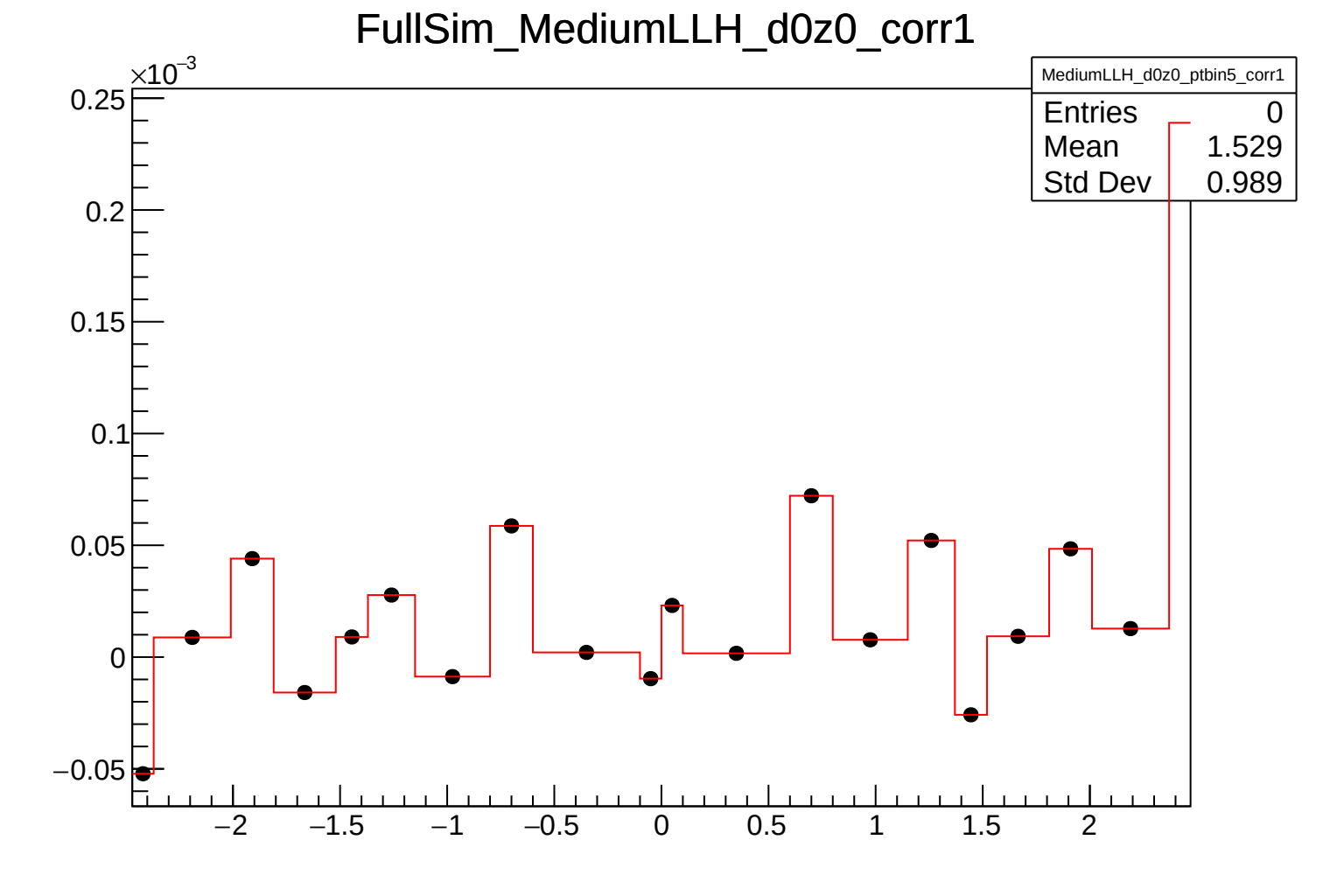
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr1
×10^−3
MediumLLH_d0z0_ptbin3_corr1
Entries 0
Mean 0.5486
Std Dev 2.172
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr1
×10^−3
MediumLLH_d0z0_ptbin4_corr1
Entries 0
Mean −0.8425
Std Dev 2.037
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr1
MediumLLH_d0z0_ptbin5_corr1
Entries 0
Mean 1.529
Std Dev 0.989
×10^−3
0.25
0.2
0.15
0.1
0.05
0
−0.05
−2
−1.5
−1
−0.5
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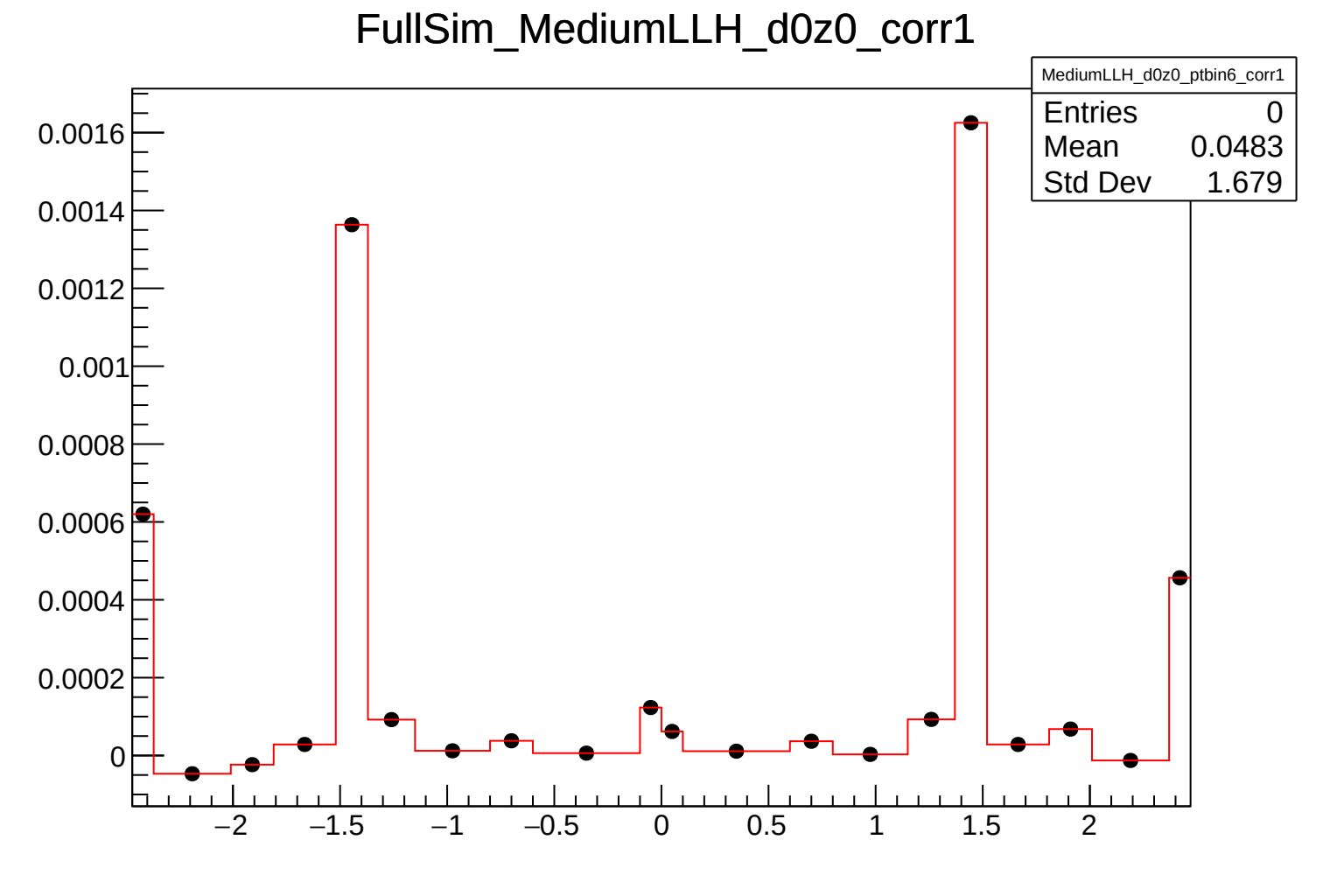
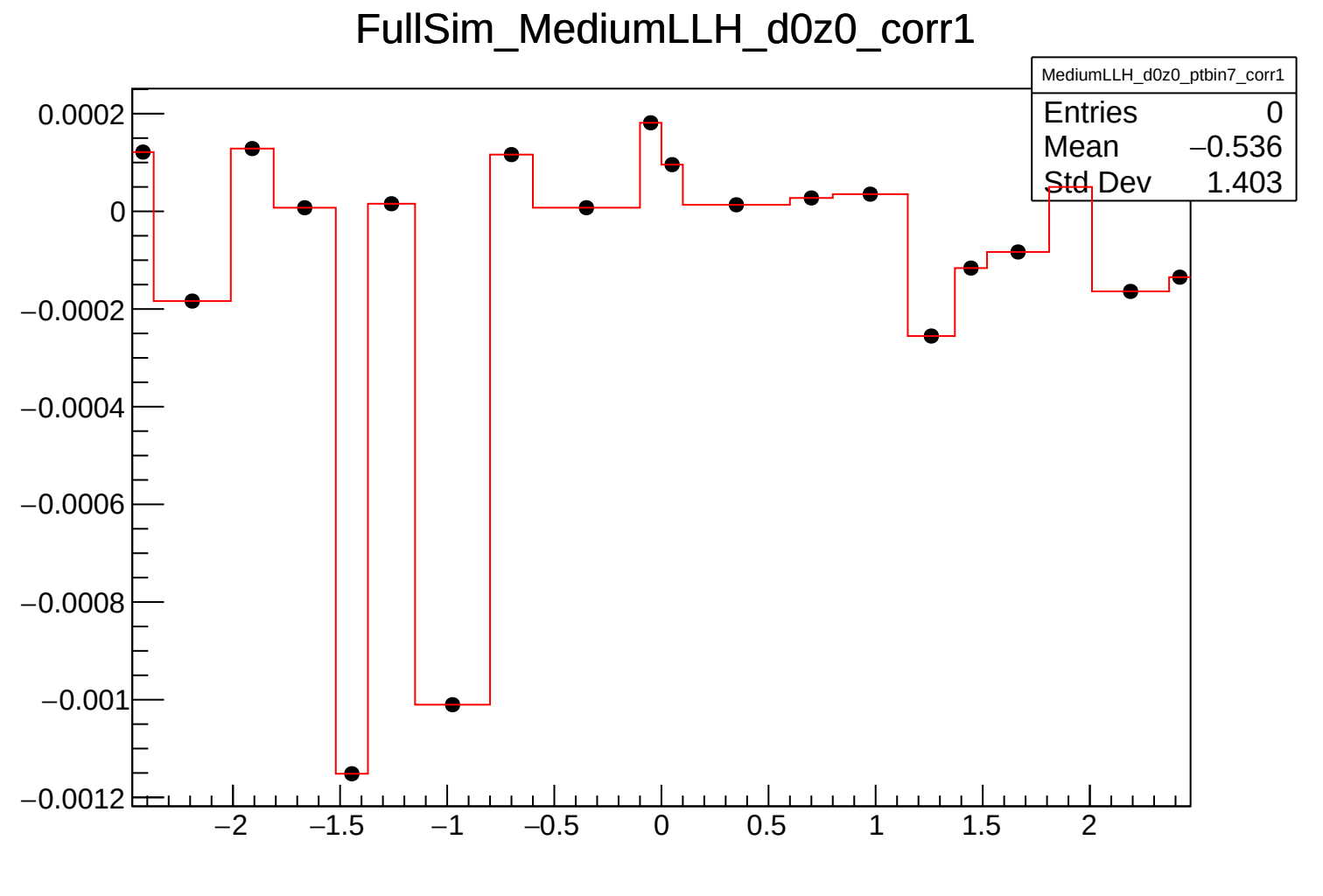
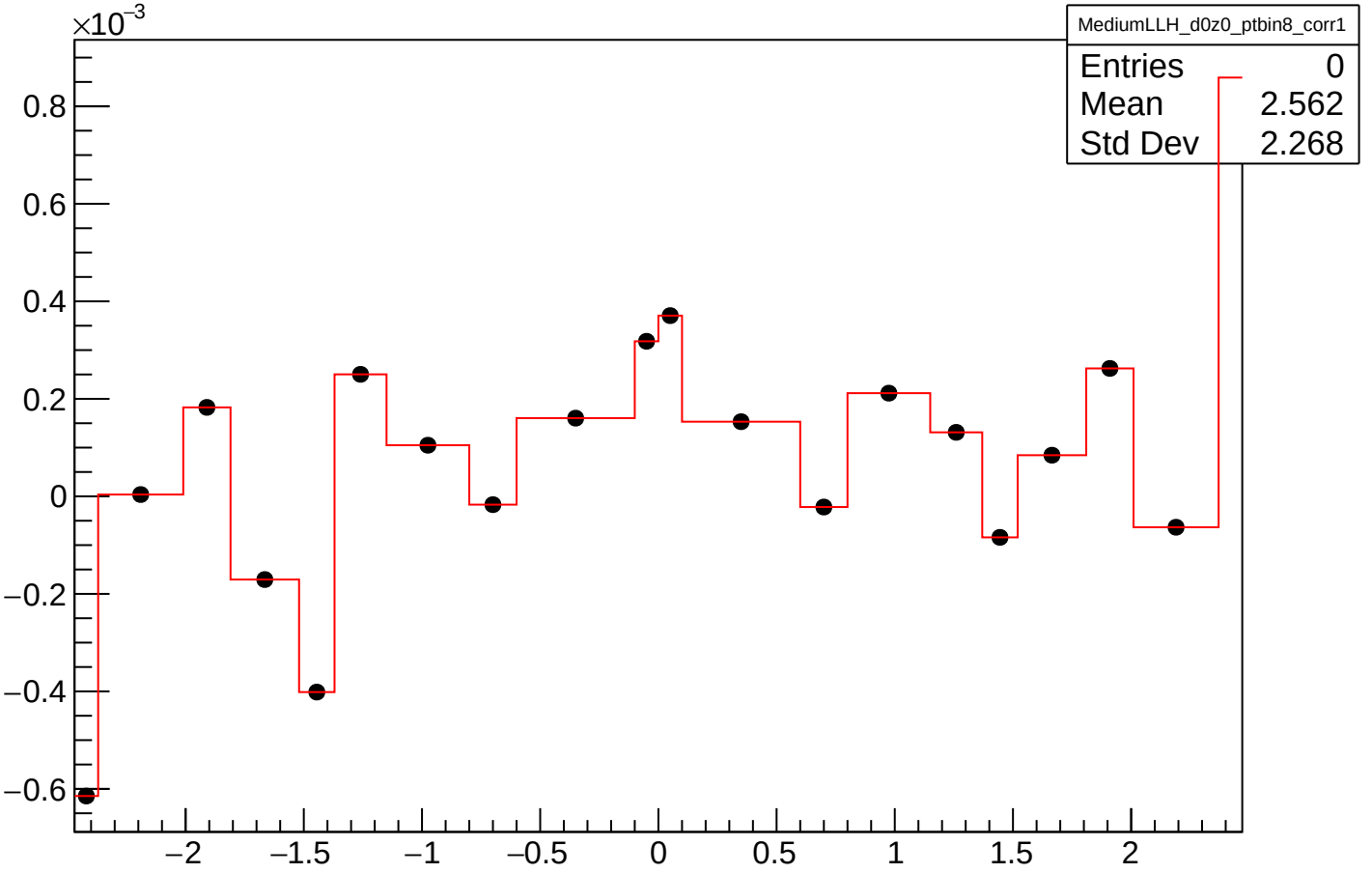
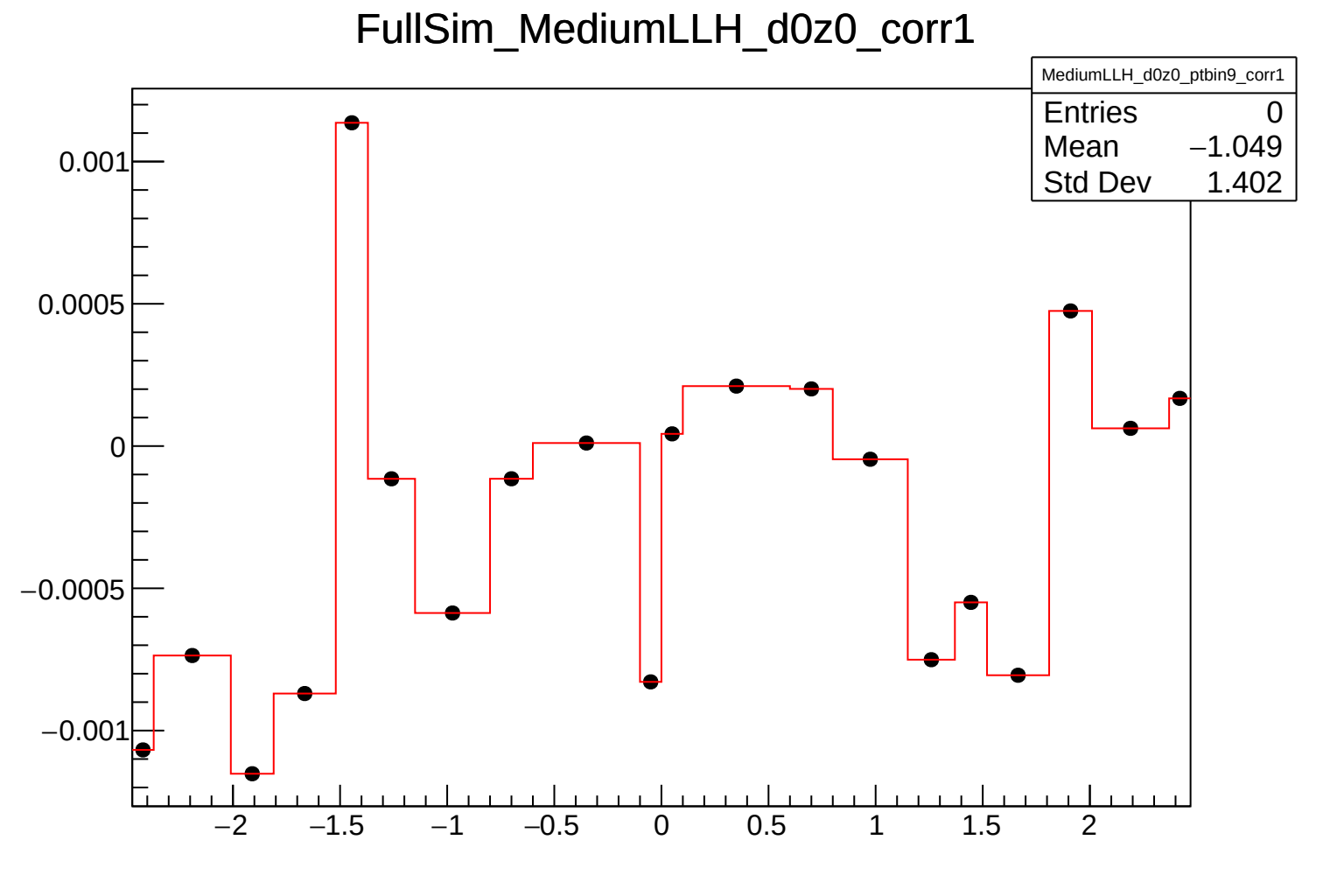
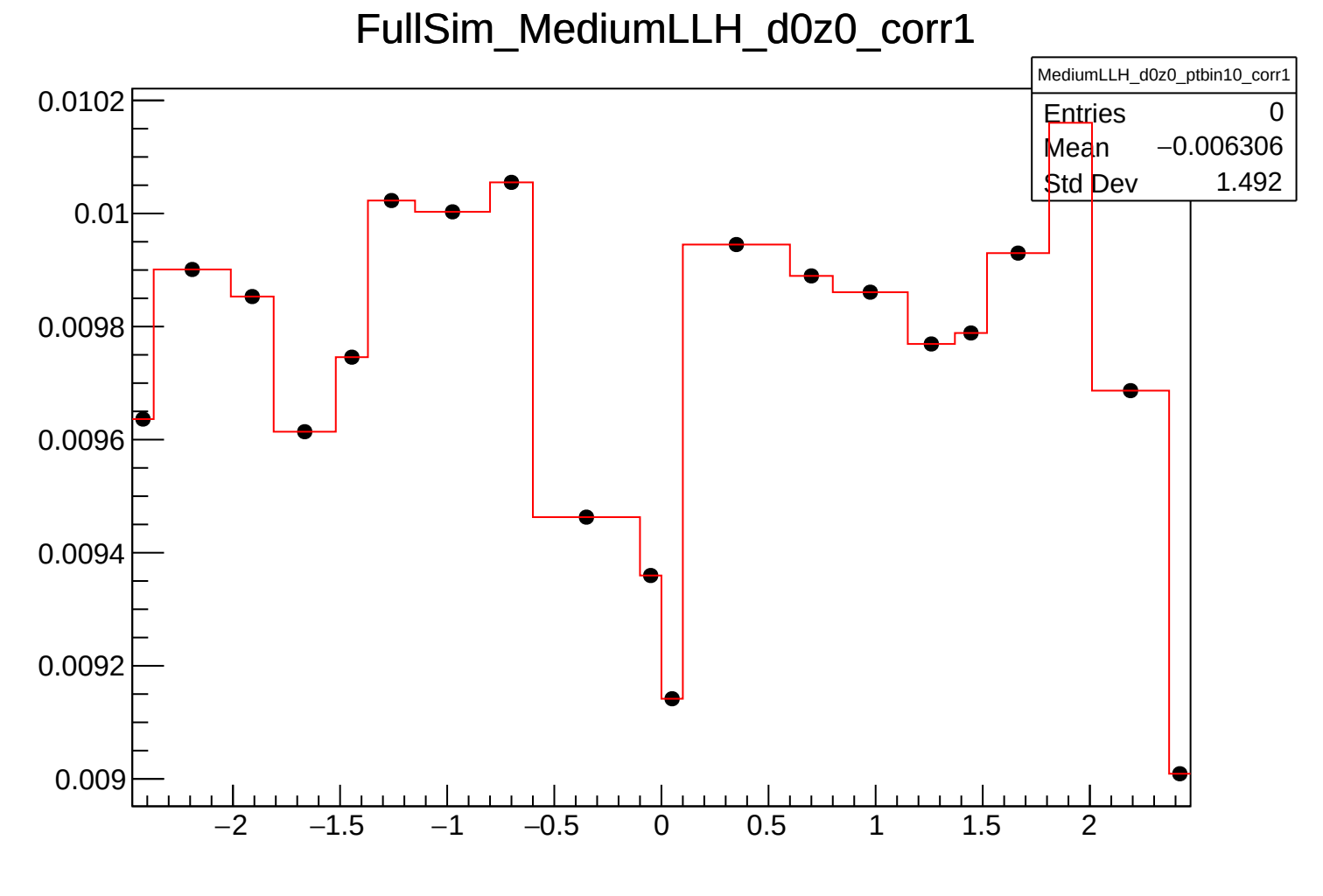
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr1
MediumLLH_d0z0_ptbin6_corr1
Entries 0
Mean 0.0483
Std Dev 1.679
0.0016
0.0014
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
0
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr1
MediumLLH_d0z0_ptbin7_corr1
Entries 0
Mean −0.536
Std Dev 1.403
0.0002
0
−0.0002
−0.0004
−0.0006
−0.0008
−0.001
−0.0012
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr1
×10⁻³
MediumLLH_d0z0_ptbin8_corr1
Entries 0
Mean 2.562
Std Dev 2.268
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr1
MediumLLH_d0z0_ptbin9_corr1
Entries 0
Mean −1.049
Std Dev 1.402
0.001
0.0005
0
−0.0005
−0.001
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr1
MediumLLH_d0z0_ptbin10_corr1
Entries 0
Mean −0.006306
Std Dev 1.492
0.0102
0.01
0.0098
0.0096
0.0094
0.0092
0.009
−2
−1.5
−1
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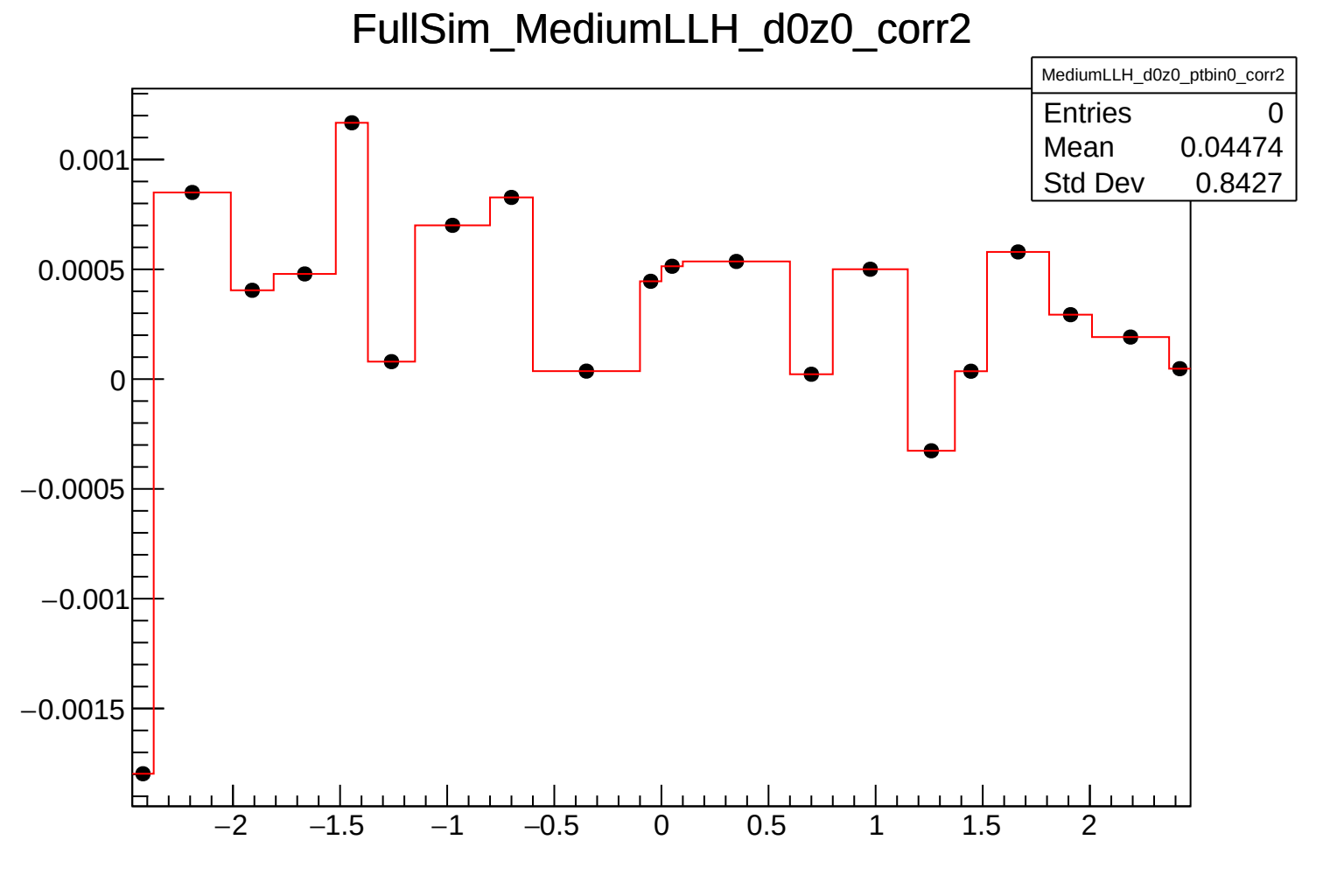
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr2
MediumLLH_d0z0_ptbin0_corr2
Entries 0
Mean 0.04474
Std Dev 0.8427
0.001
0.0005
0
−0.0005
−0.001
−0.0015
−2
−1.5
−1
−0.5
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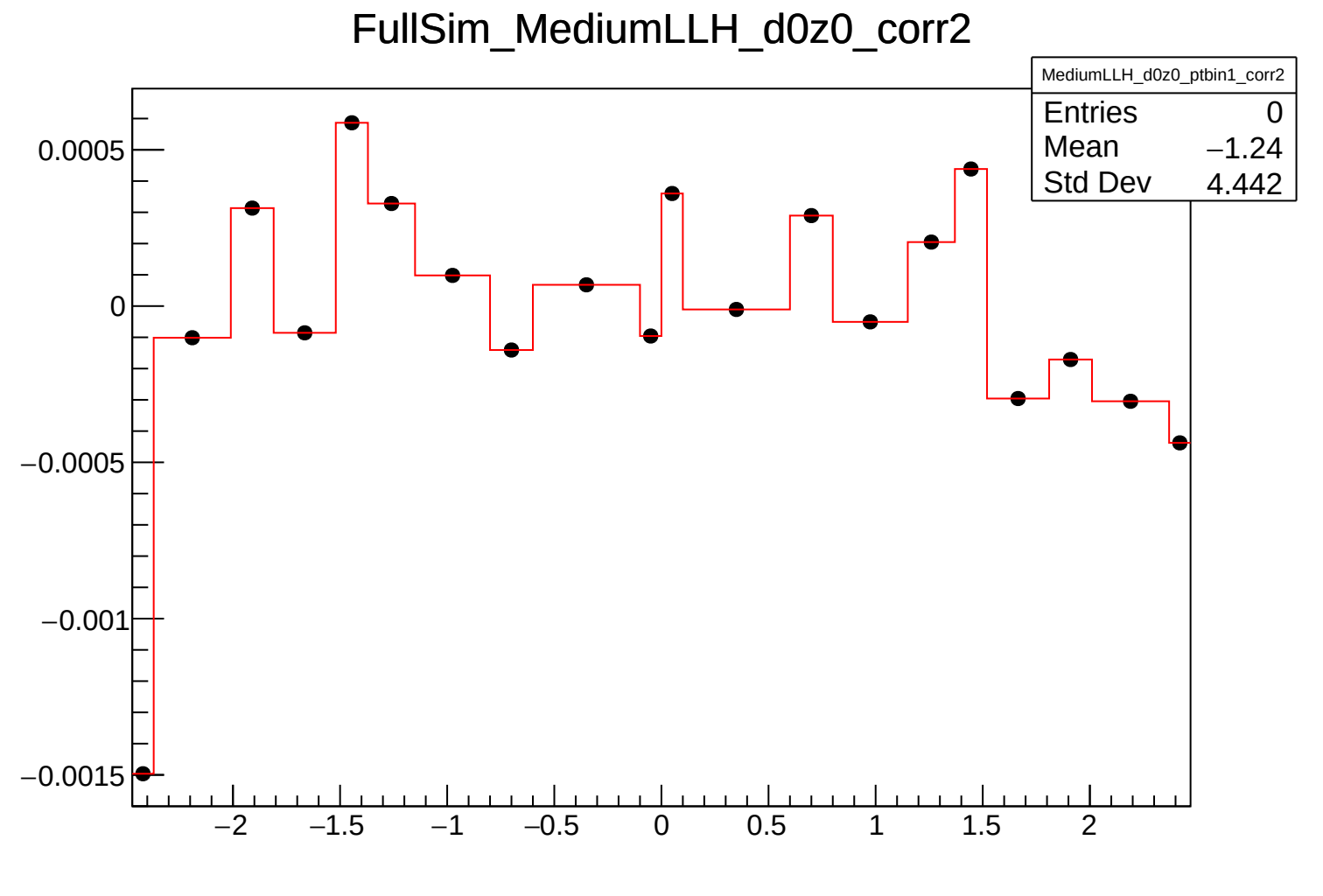
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr2
MediumLLH_d0z0_ptbin1_corr2
Entries 0
Mean −1.24
Std Dev 4.442
0.0005
0
−0.0005
−0.001
−0.0015
−2
−1.5
−1
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1.5
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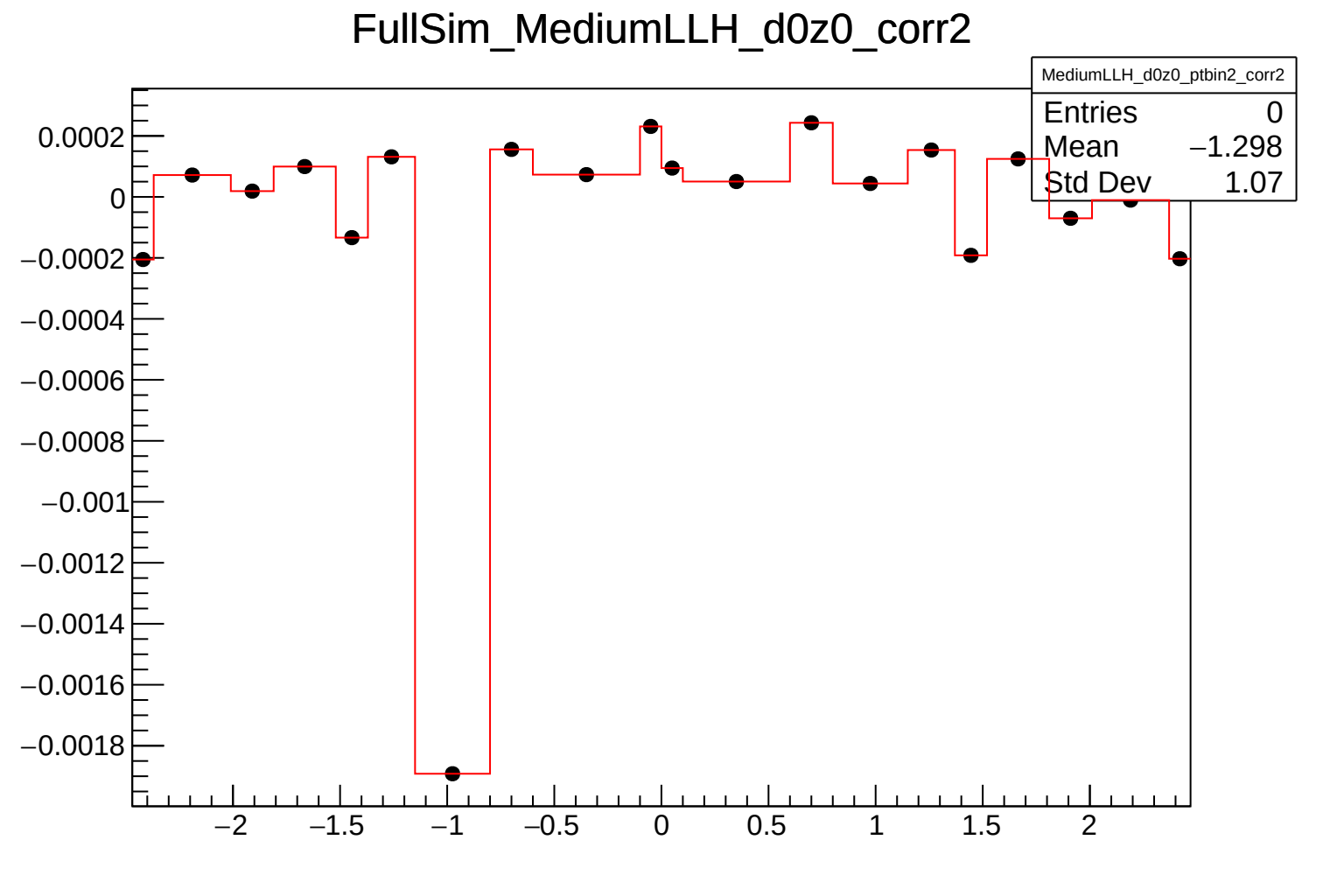
FullSim_MediumLLH_d0z0_corr2
MediumLLH_d0z0_ptbin2_corr2
Entries 0
Mean −1.298
Std Dev 1.07
0.0002
0
−0.0002
−0.0004
−0.0006
−0.0008
−0.001
−0.0012
−0.0014
−0.0016
−0.0018
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−1
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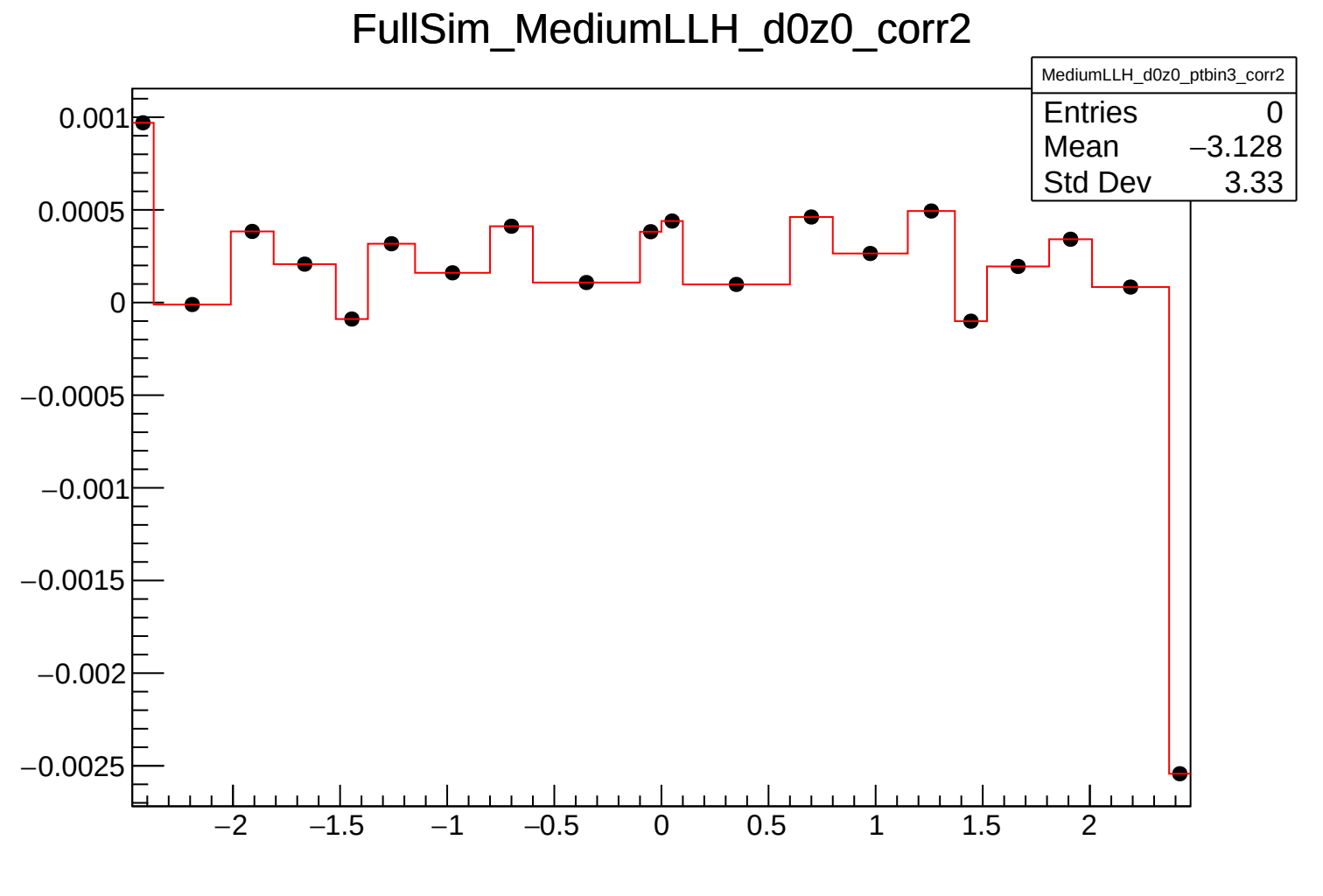
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr2
MediumLLH_d0z0_ptbin3_corr2
Entries 0
Mean −3.128
Std Dev 3.33
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0.0005
0
−0.0005
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−0.0025
−2
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−0.5
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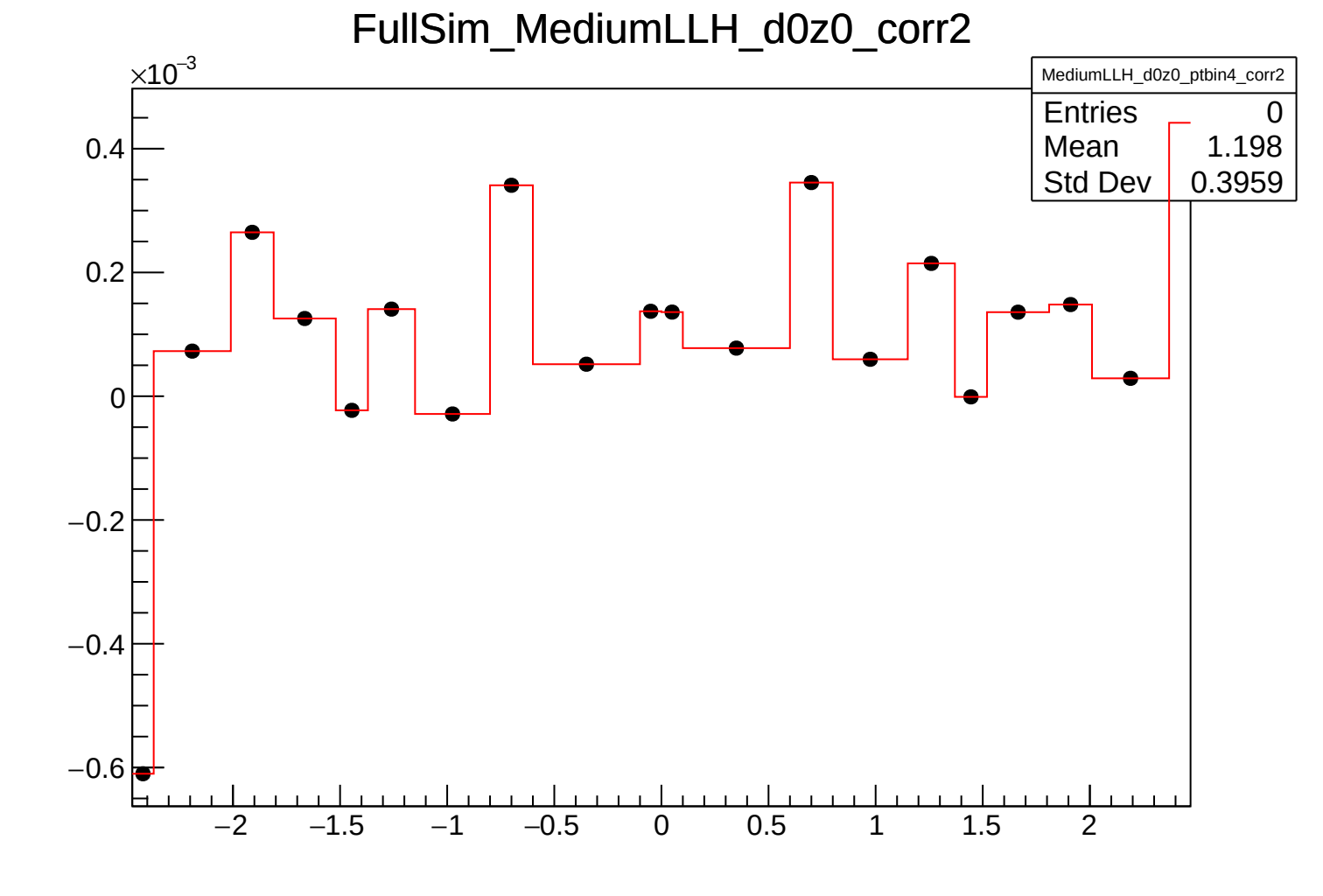
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr2
×10−3
MediumLLH_d0z0_ptbin4_corr2
Entries 0
Mean 1.198
Std Dev 0.3959
0.4
0.2
0
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−0.6
−2
−1.5
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−0.5
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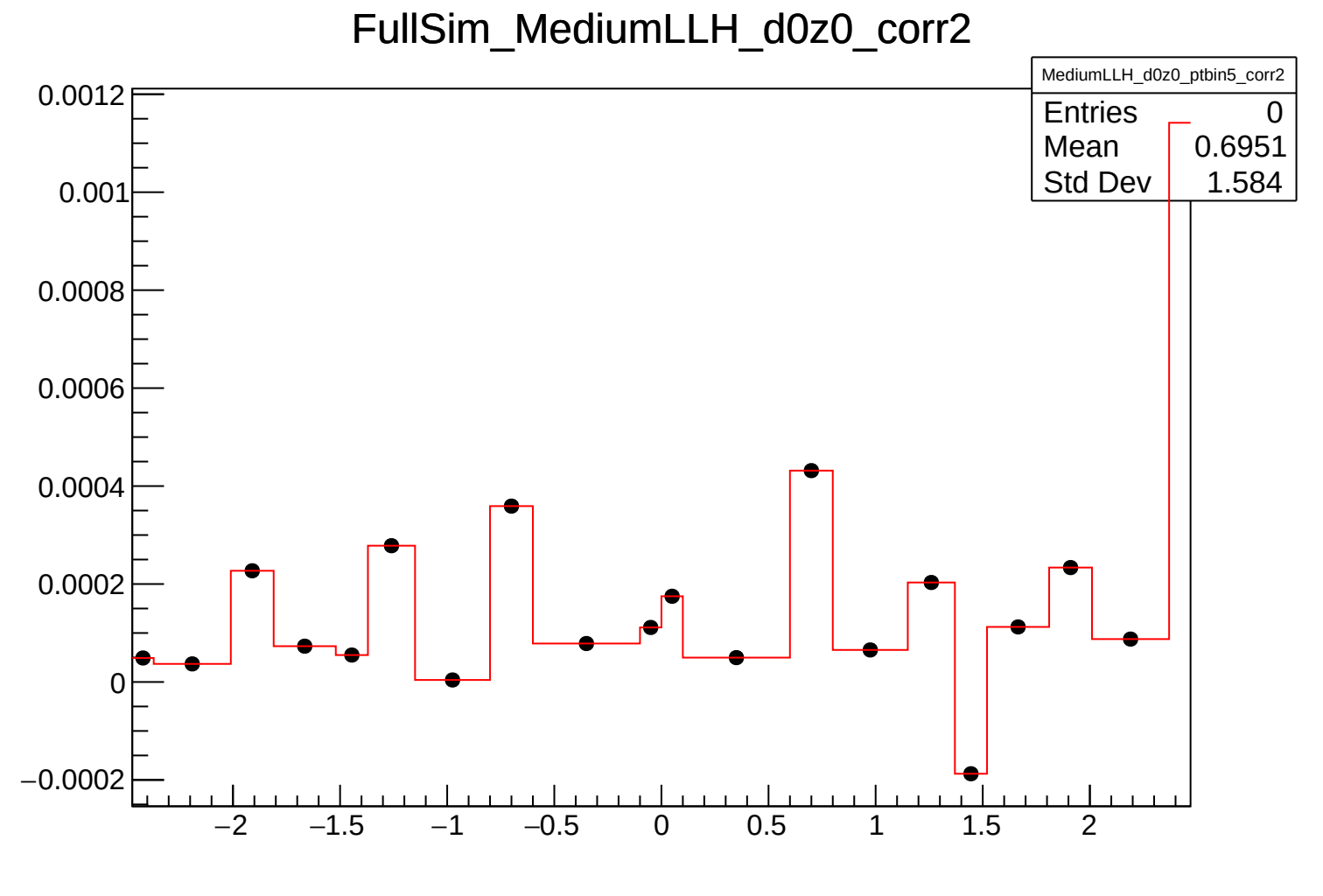
1.5
2


FullSim_MediumLLH_d0z0_corr2
MediumLLH_d0z0_ptbin5_corr2
Entries 0
Mean 0.6951
Std Dev 1.584
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
0
−0.0002
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−1.5
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1
1.5
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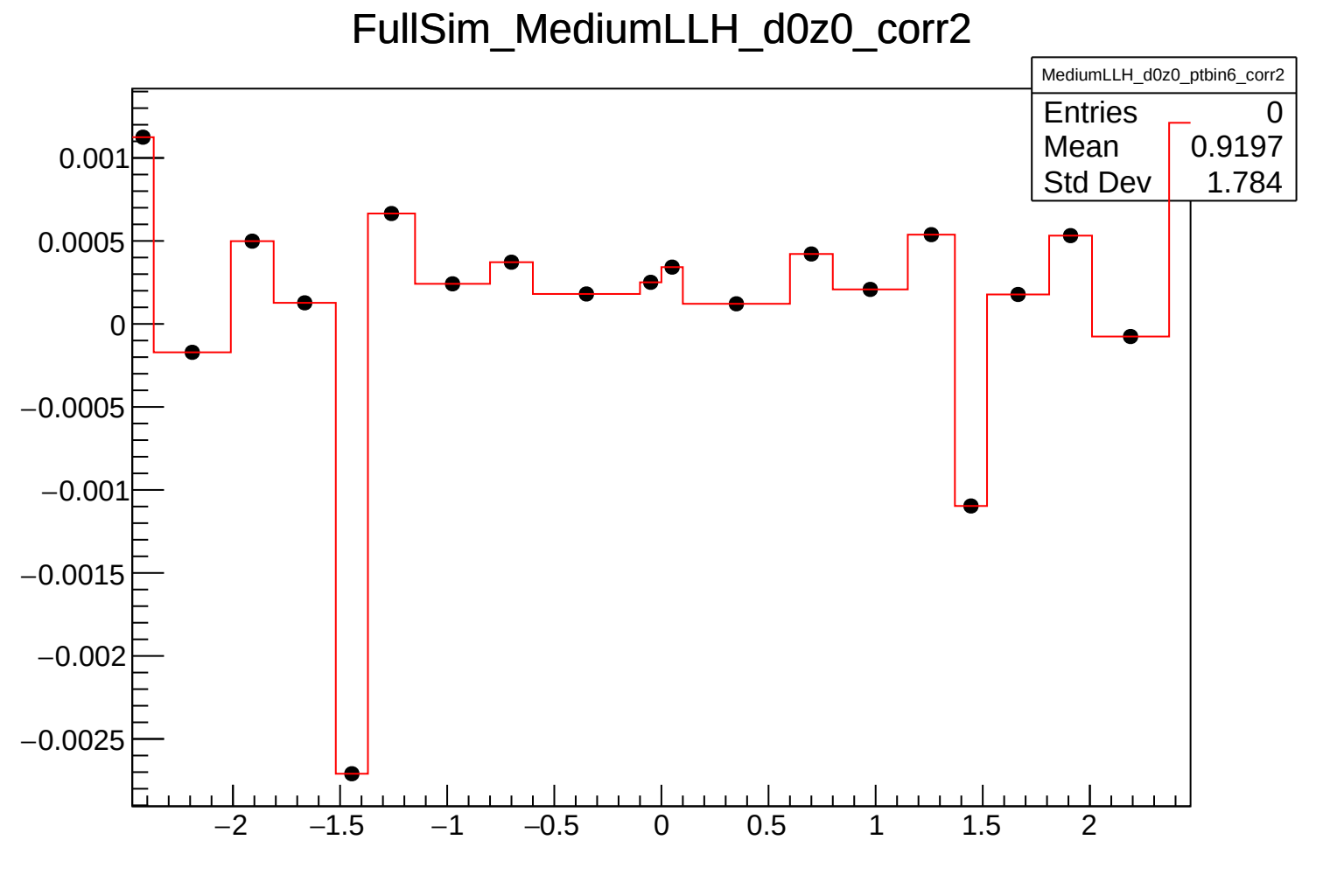
FullSim_MediumLLH_d0z0_corr2
MediumLLH_d0z0_ptbin6_corr2
Entries 0
Mean 0.9197
Std Dev 1.784
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0.0005
0
−0.0005
−0.001
−0.0015
−0.002
−0.0025
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−0.5
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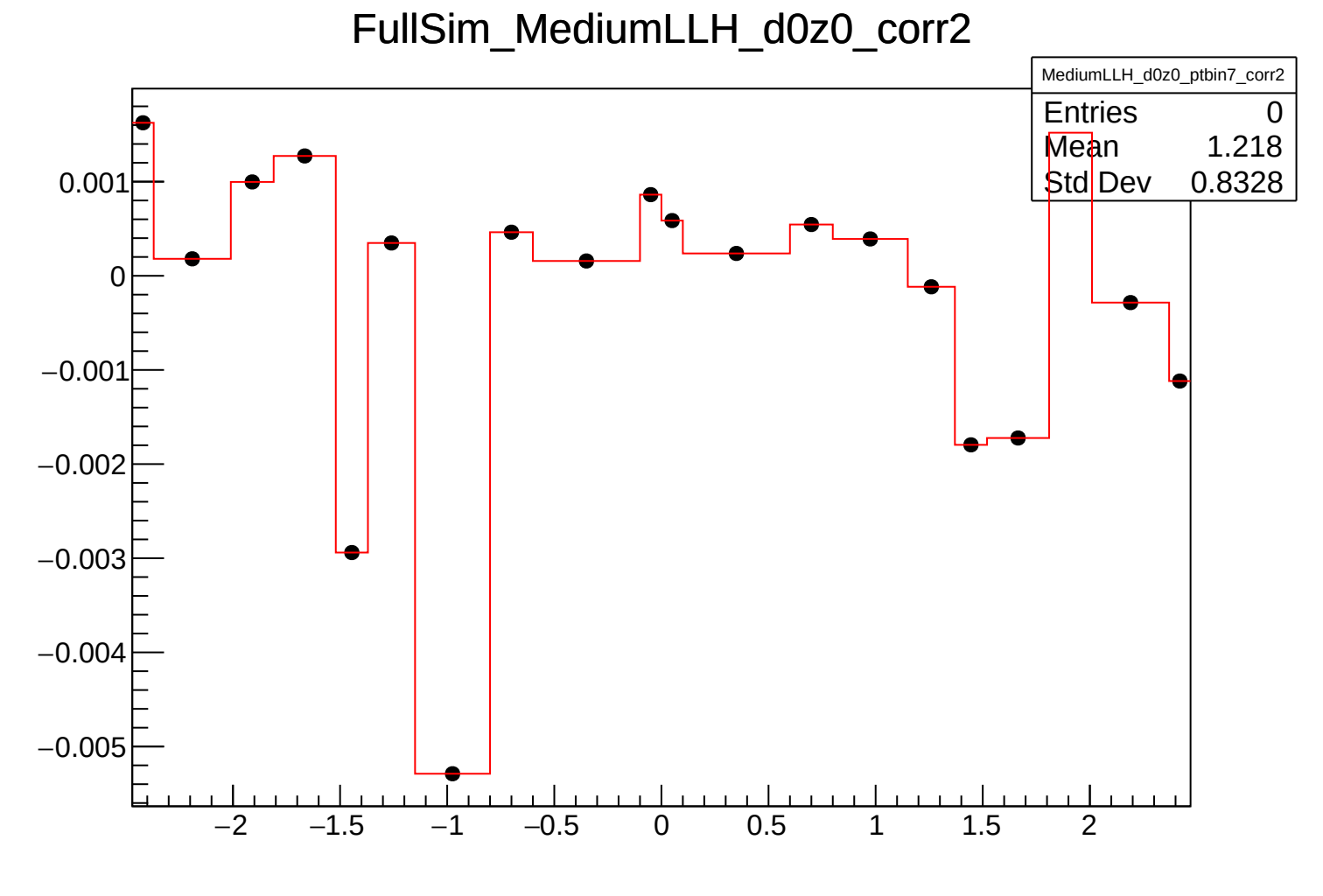
1
1.5
2


FullSim_MediumLLH_d0z0_corr2
MediumLLH_d0z0_ptbin7_corr2
Entries 0
Mean 1.218
Std Dev 0.8328
0.001
0
−0.001
−0.002
−0.003
−0.004
−0.005
−2
−1.5
−1
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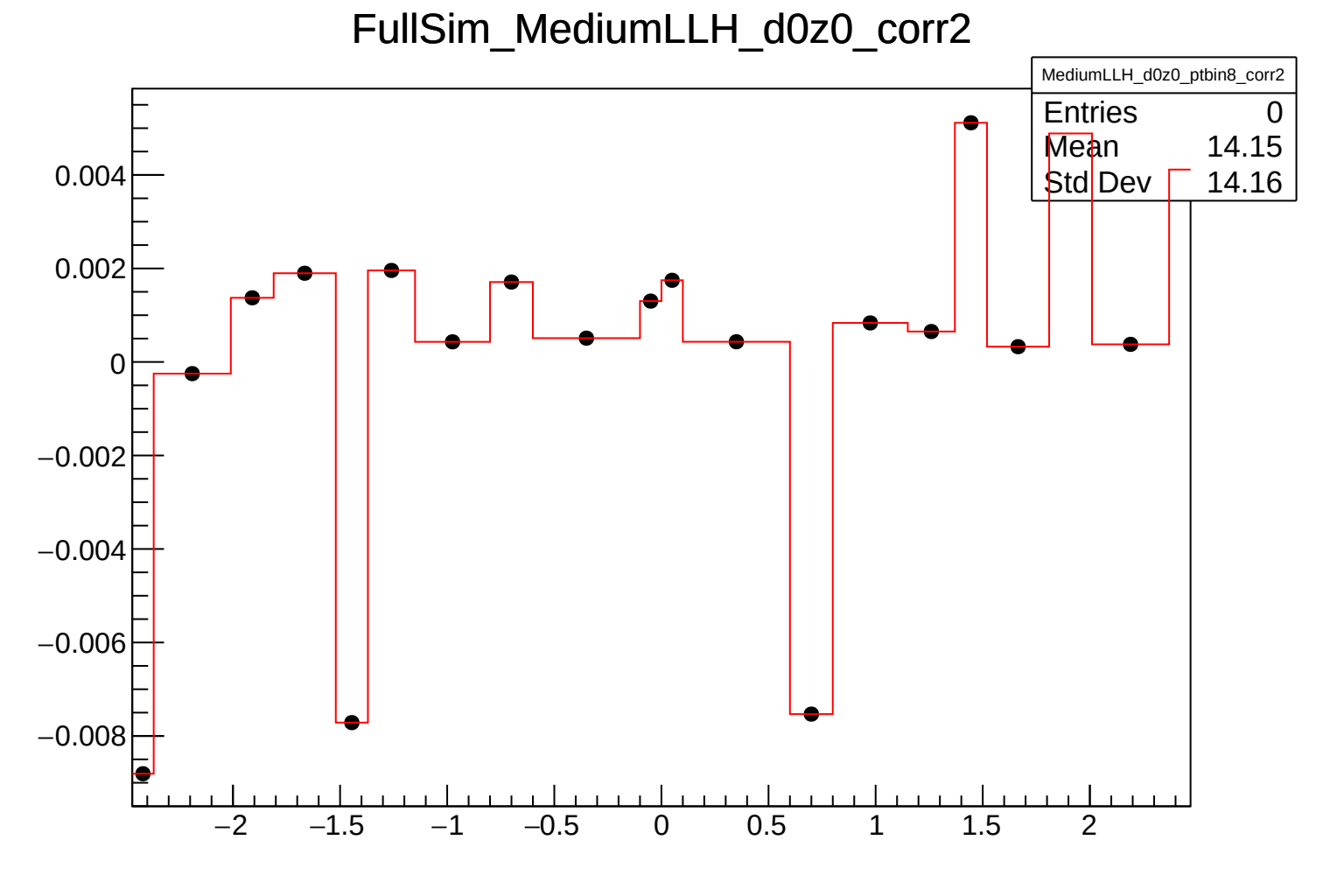
1
1.5
2


FullSim_MediumLLH_d0z0_corr2
MediumLLH_d0z0_ptbin8_corr2
Entries 0
Mean 14.15
Std Dev 14.16
0.004
0.002
0
−0.002
−0.004
−0.006
−0.008
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−1
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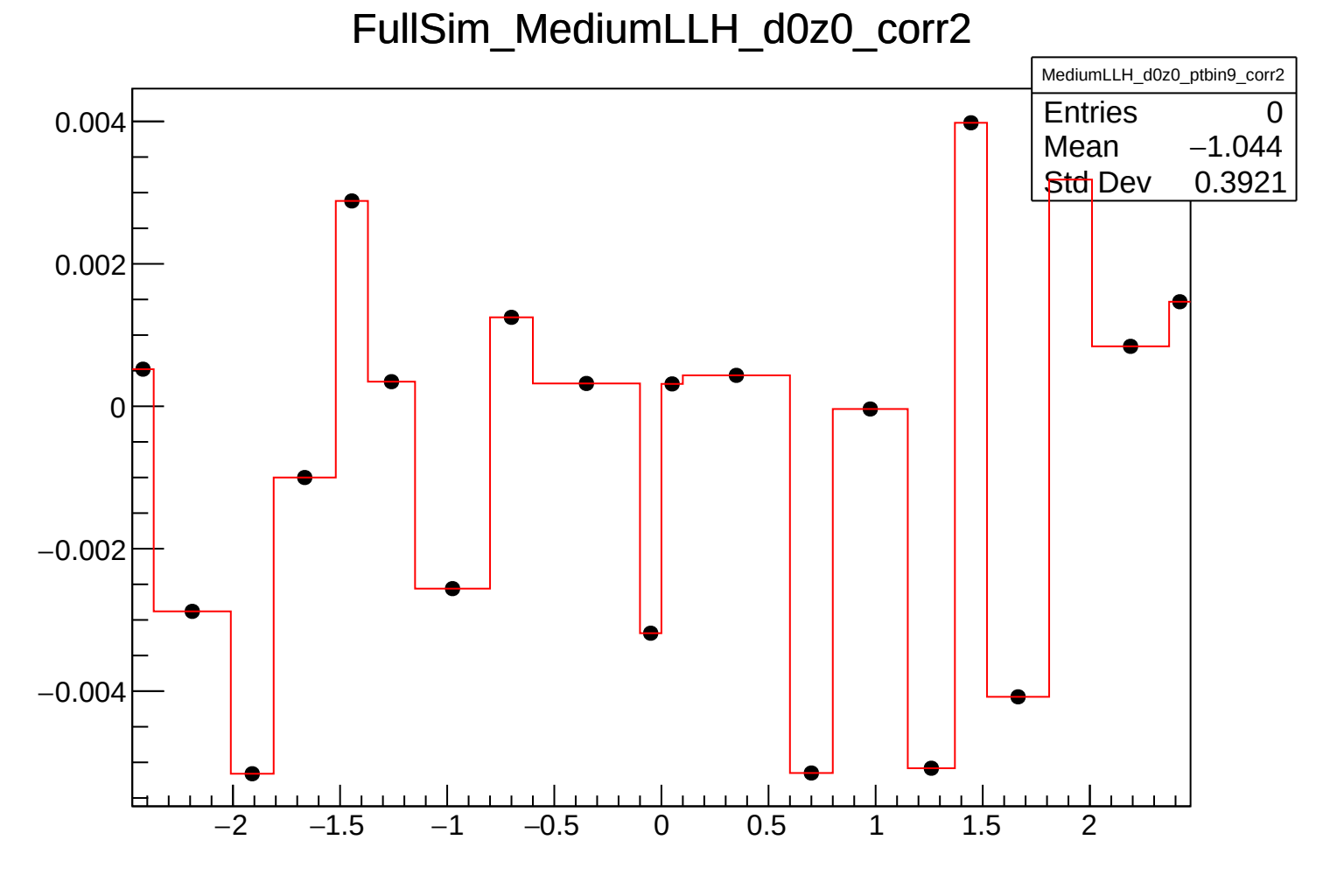
1
1.5
2


FullSim_MediumLLH_d0z0_corr2
MediumLLH_d0z0_ptbin9_corr2
Entries 0
Mean −1.044
Std Dev 0.3921
0.004
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0
−0.002
−0.004
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1.5
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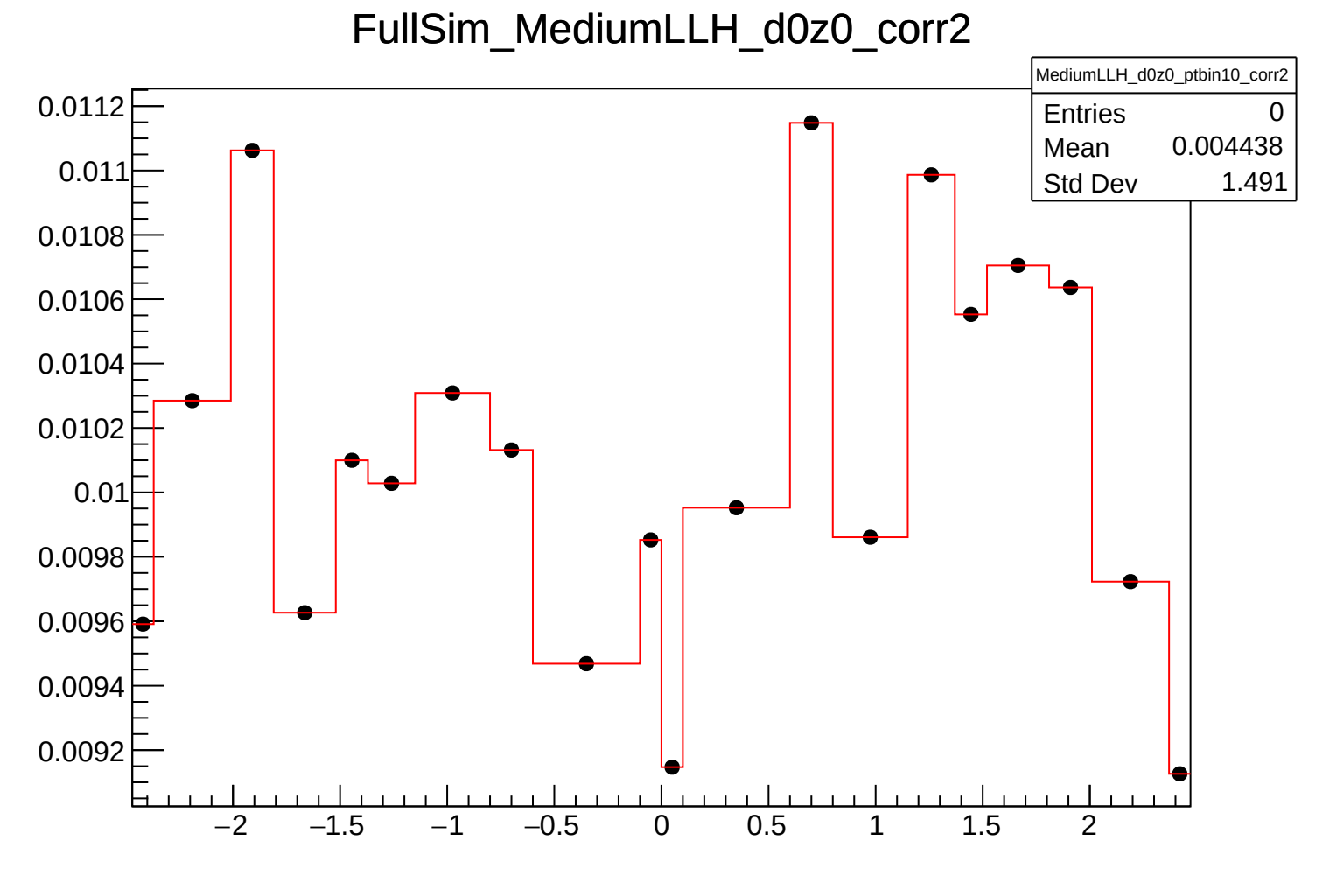
FullSim_MediumLLH_d0z0_corr2
MediumLLH_d0z0_ptbin10_corr2
Entries 0
Mean 0.004438
Std Dev 1.491
0.0112
0.011
0.0108
0.0106
0.0104
0.0102
0.01
0.0098
0.0096
0.0094
0.0092
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−1.5
−1
−0.5
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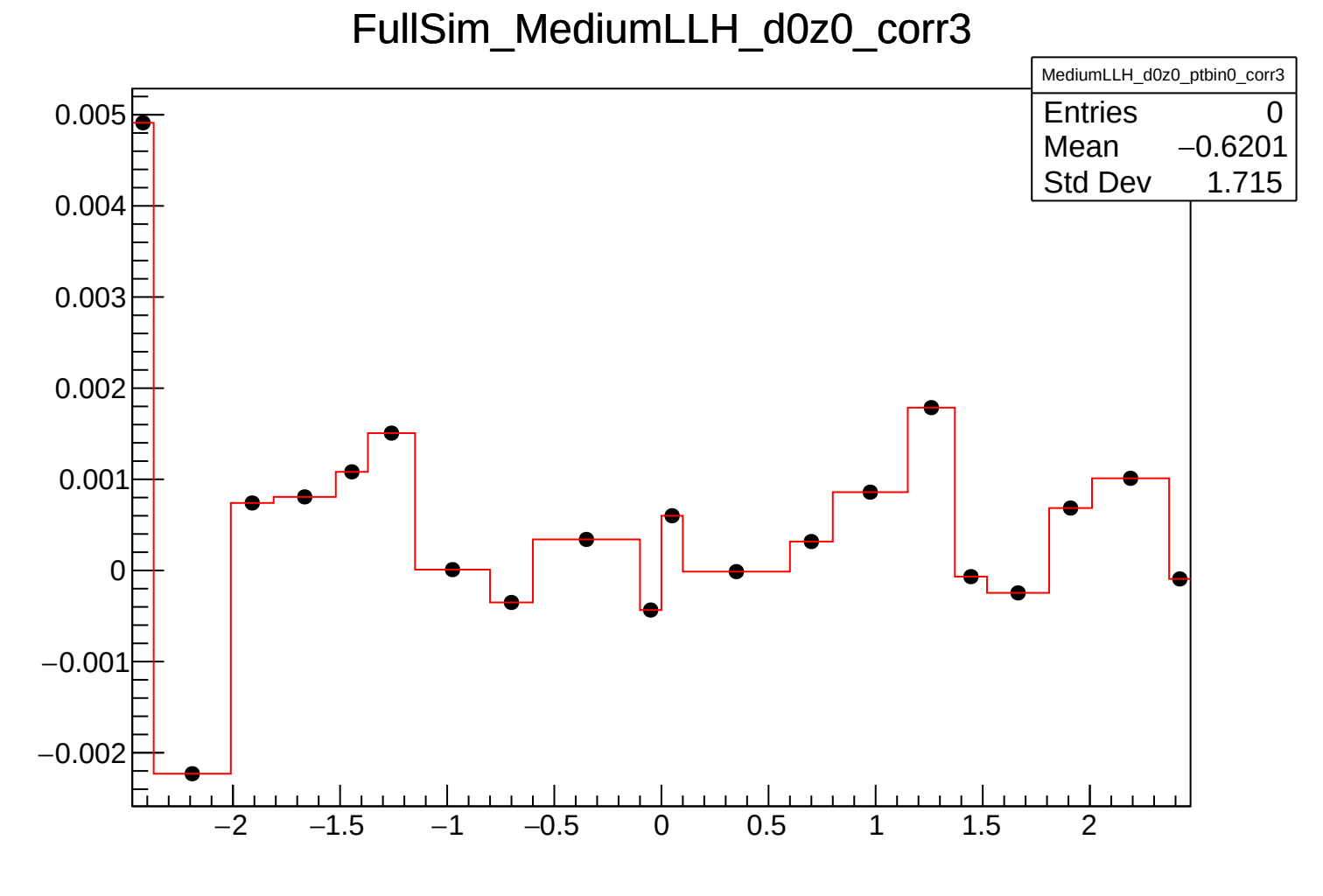
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr3
MediumLLH_d0z0_ptbin0_corr3
Entries 0
Mean −0.6201
Std Dev 1.715
0.005
0.004
0.003
0.002
0.001
0
−0.001
−0.002
−2
−1.5
−1
−0.5
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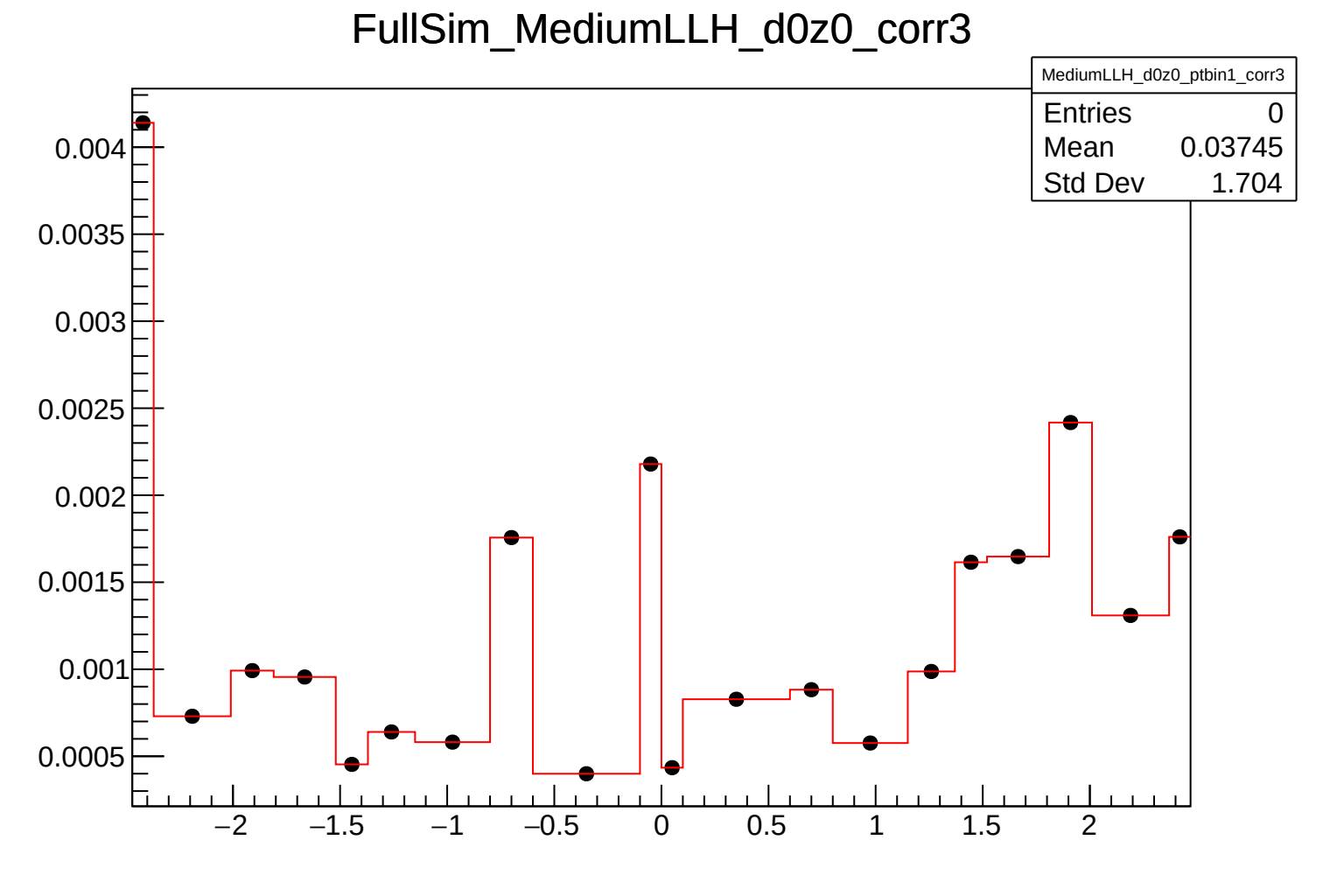
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr3
MediumLLH_d0z0_ptbin1_corr3
Entries 0
Mean 0.03745
Std Dev 1.704
0.004
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
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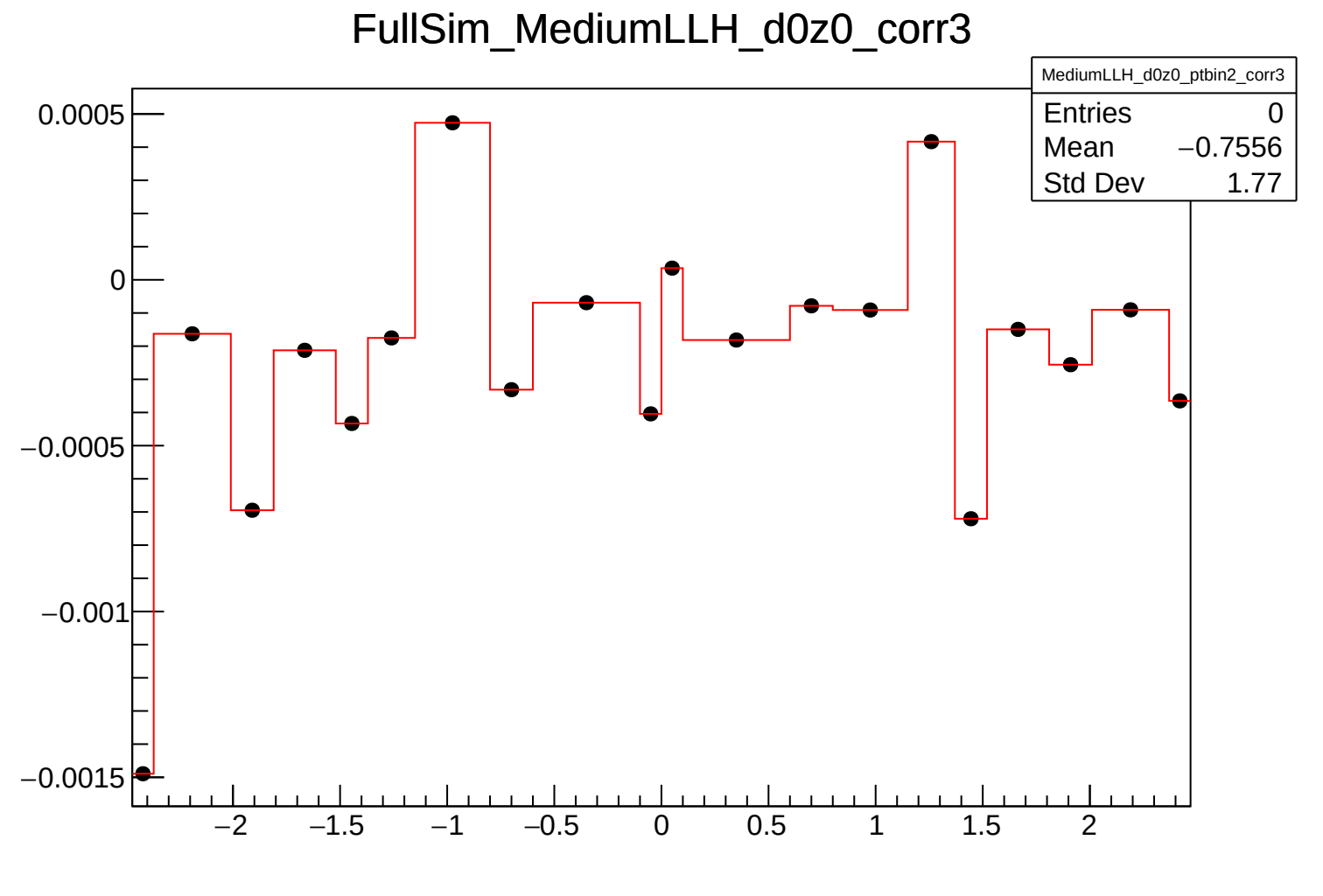
FullSim_MediumLLH_d0z0_corr3
MediumLLH_d0z0_ptbin2_corr3
Entries 0
Mean −0.7556
Std Dev 1.77
0.0005
0
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−0.0015
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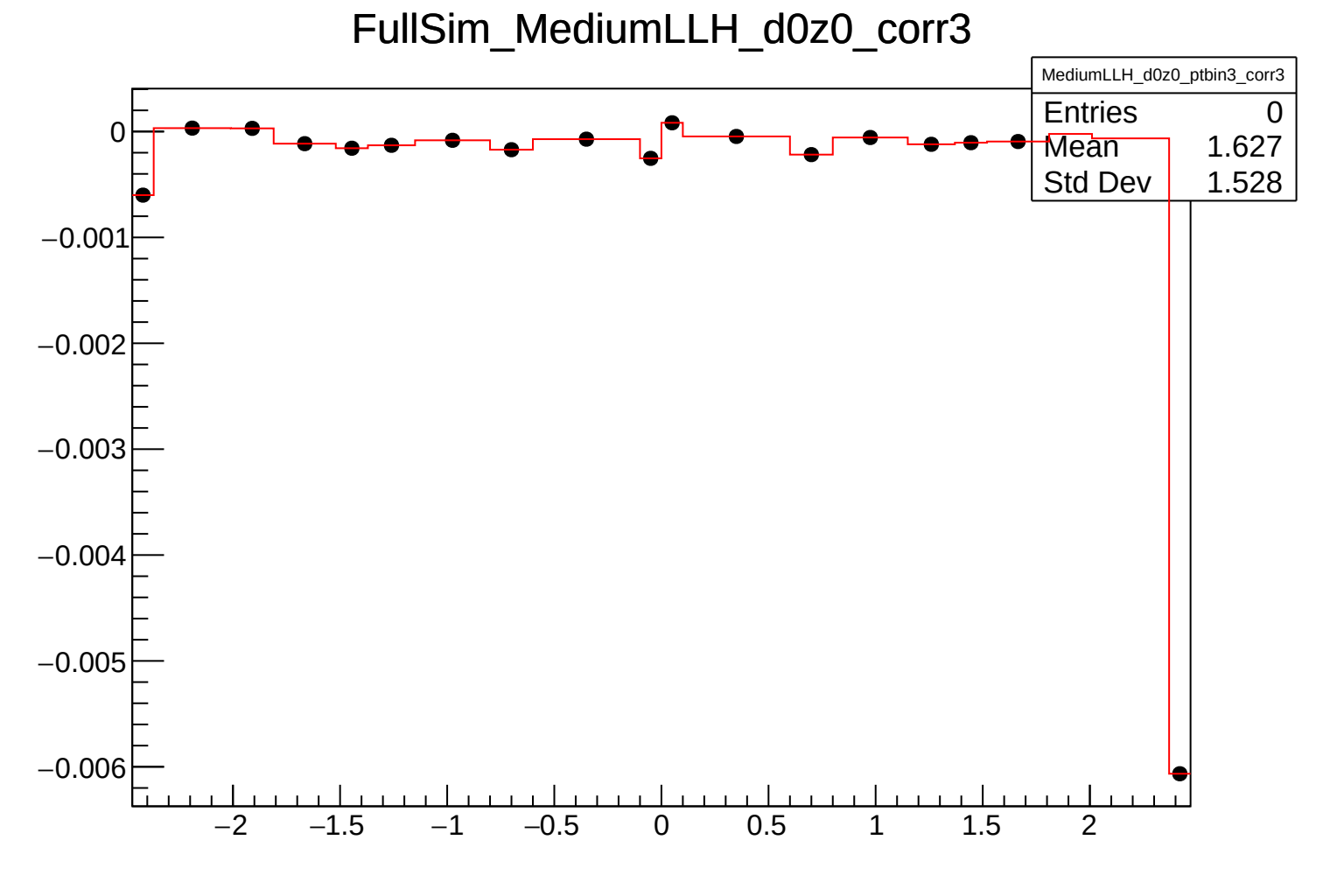
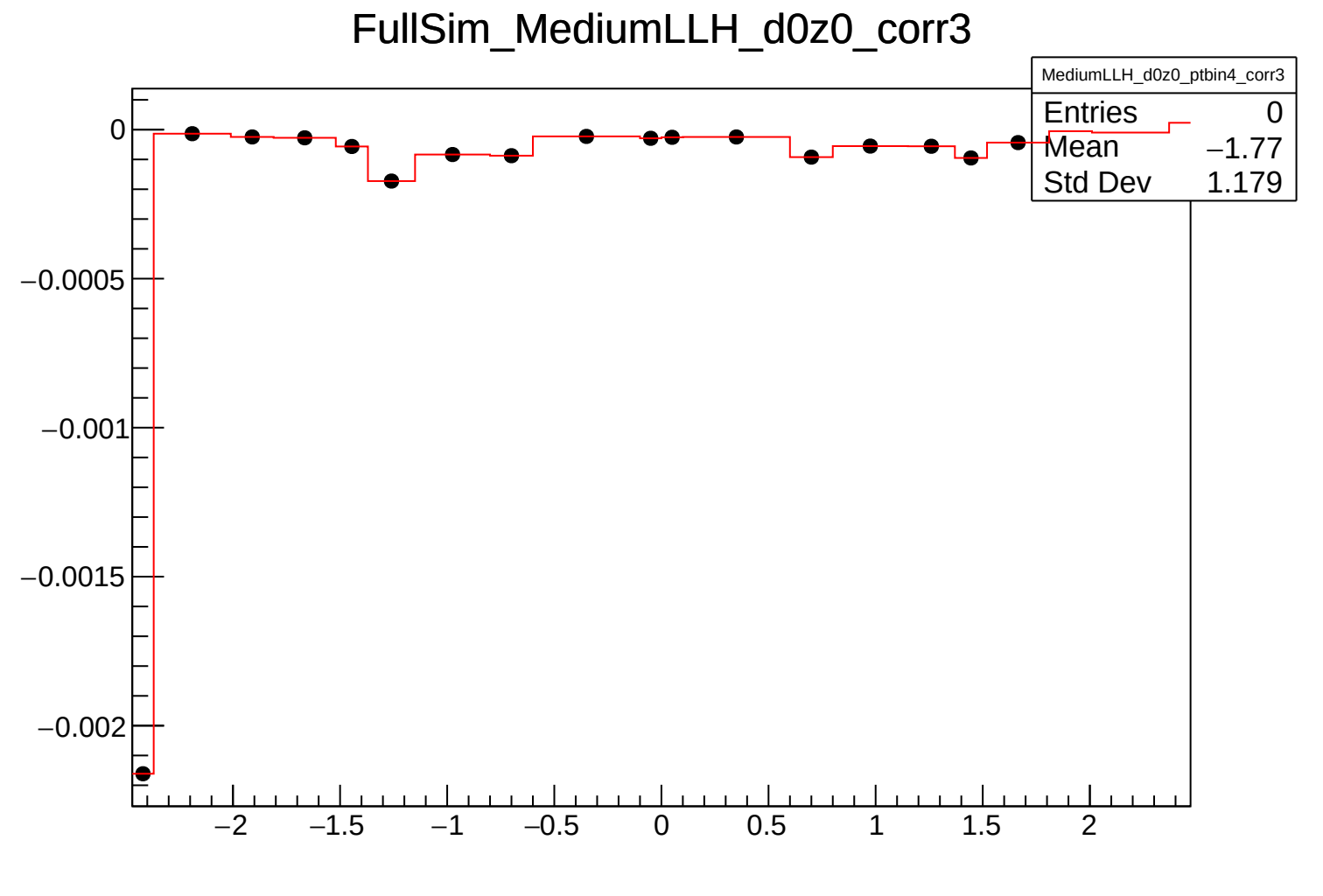
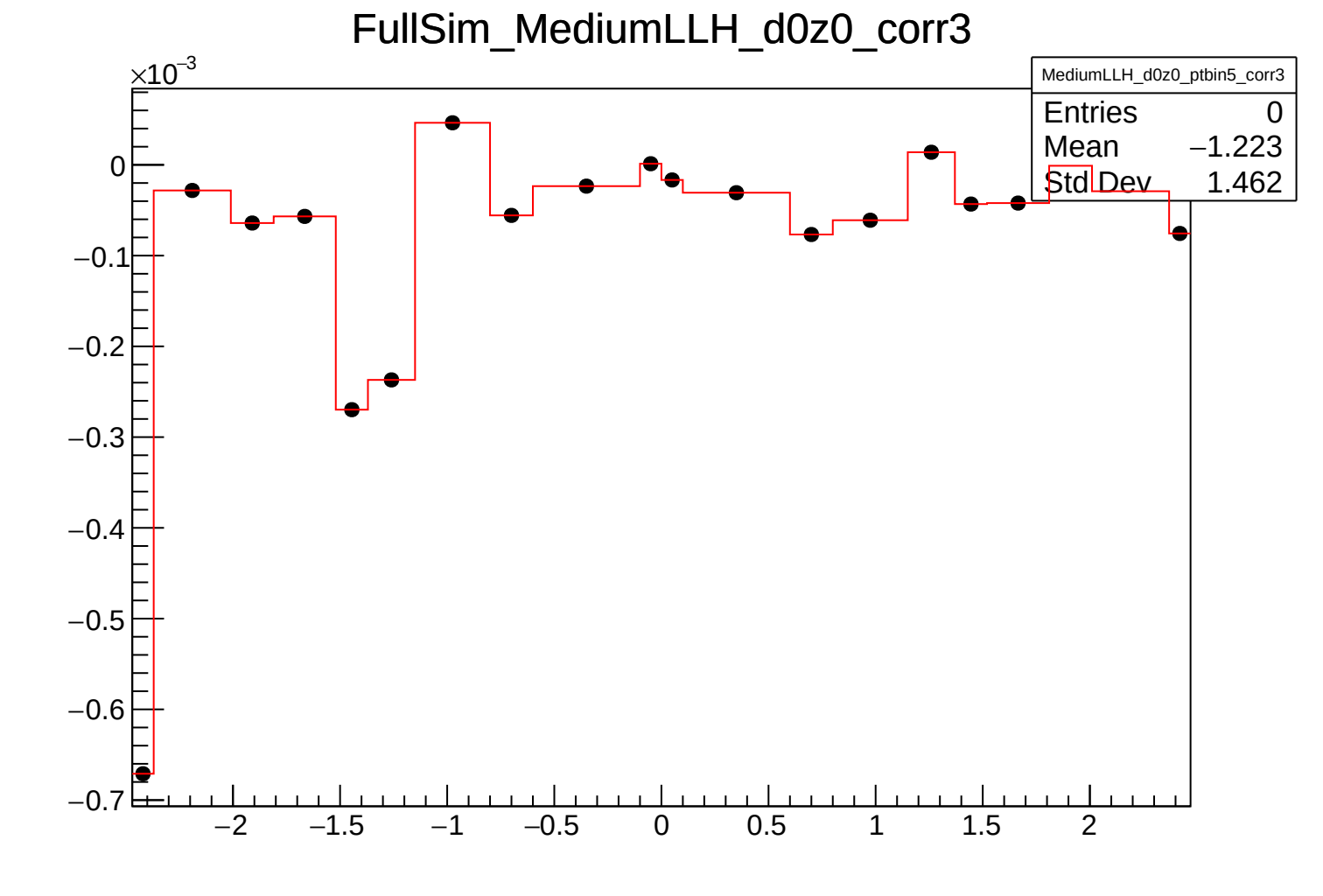
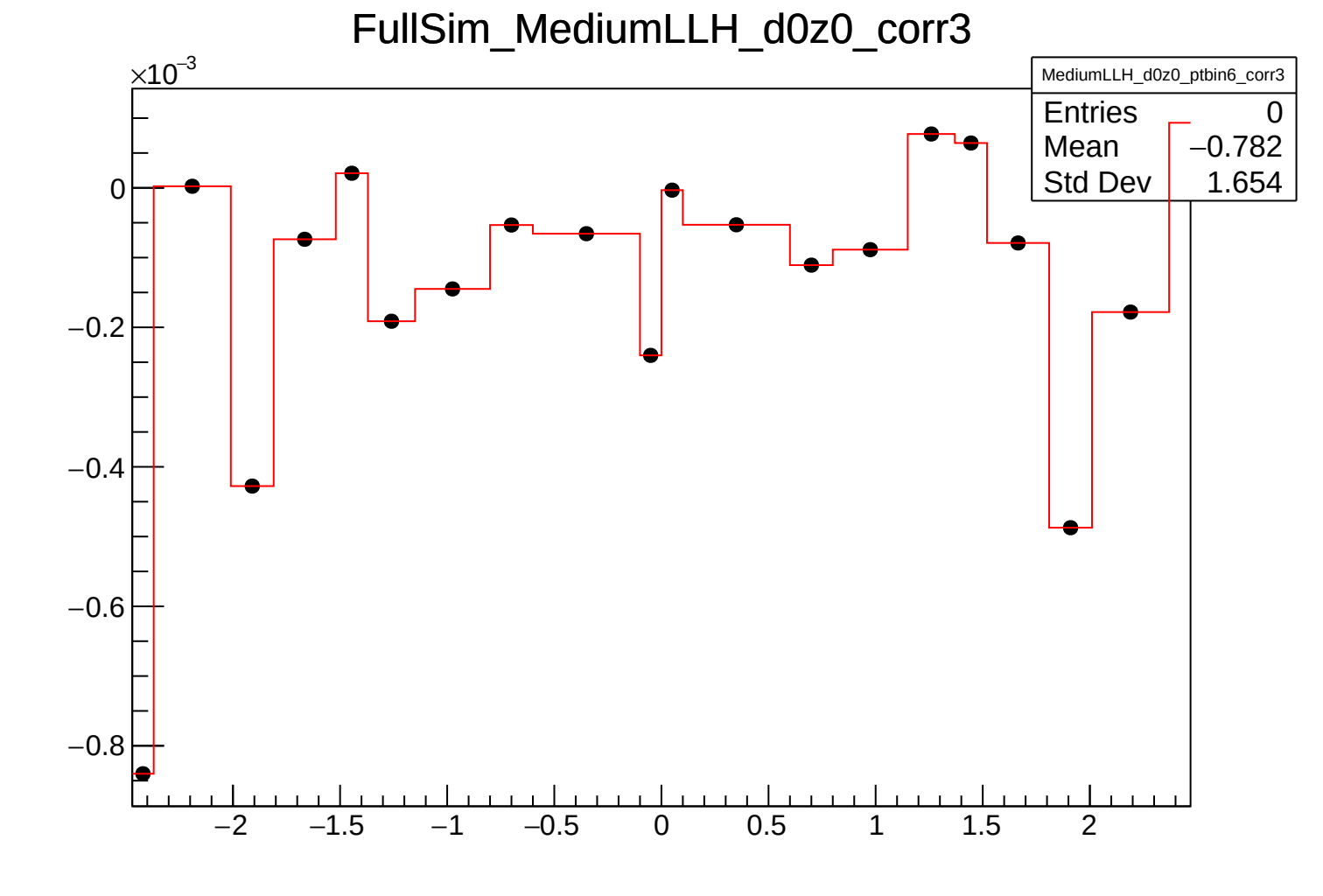
1.5
2


FullSim_MediumLLH_d0z0_corr3
MediumLLH_d0z0_ptbin3_corr3
Entries 0
Mean 1.627
Std Dev 1.528
0
−0.001
−0.002
−0.003
−0.004
−0.005
−0.006
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr3
MediumLLH_d0z0_ptbin4_corr3
Entries 0
Mean −1.77
Std Dev 1.179
0
−0.0005
−0.001
−0.0015
−0.002
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr3
×10⁻³
MediumLLH_d0z0_ptbin5_corr3
Entries 0
Mean −1.223
Std Dev 1.462
0
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
−0.7
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr3
×10^−3
MediumLLH_d0z0_ptbin6_corr3
Entries 0
Mean −0.782
Std Dev 1.654
0
−0.2
−0.4
−0.6
−0.8
−2
−1.5
−1
−0.5
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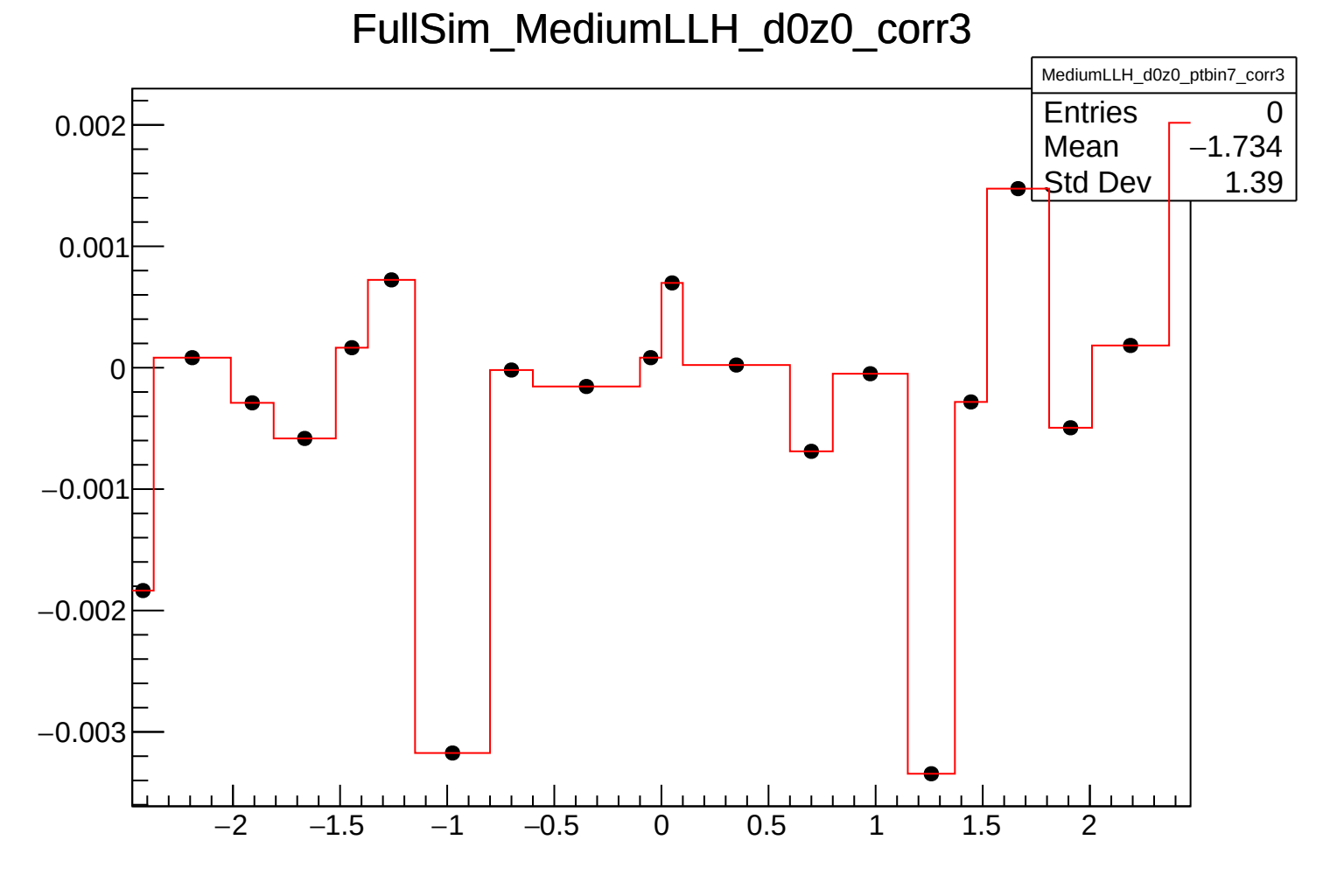
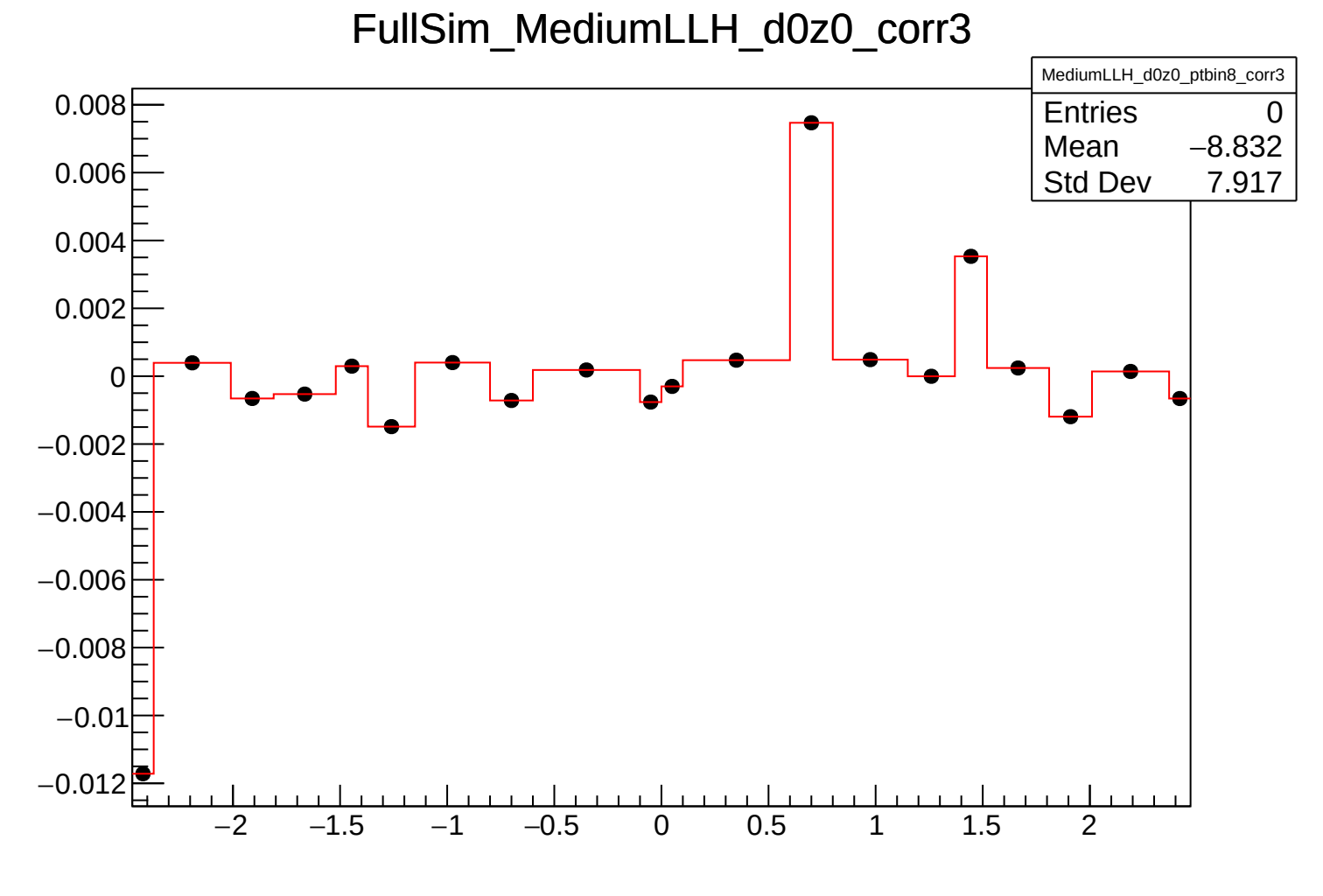
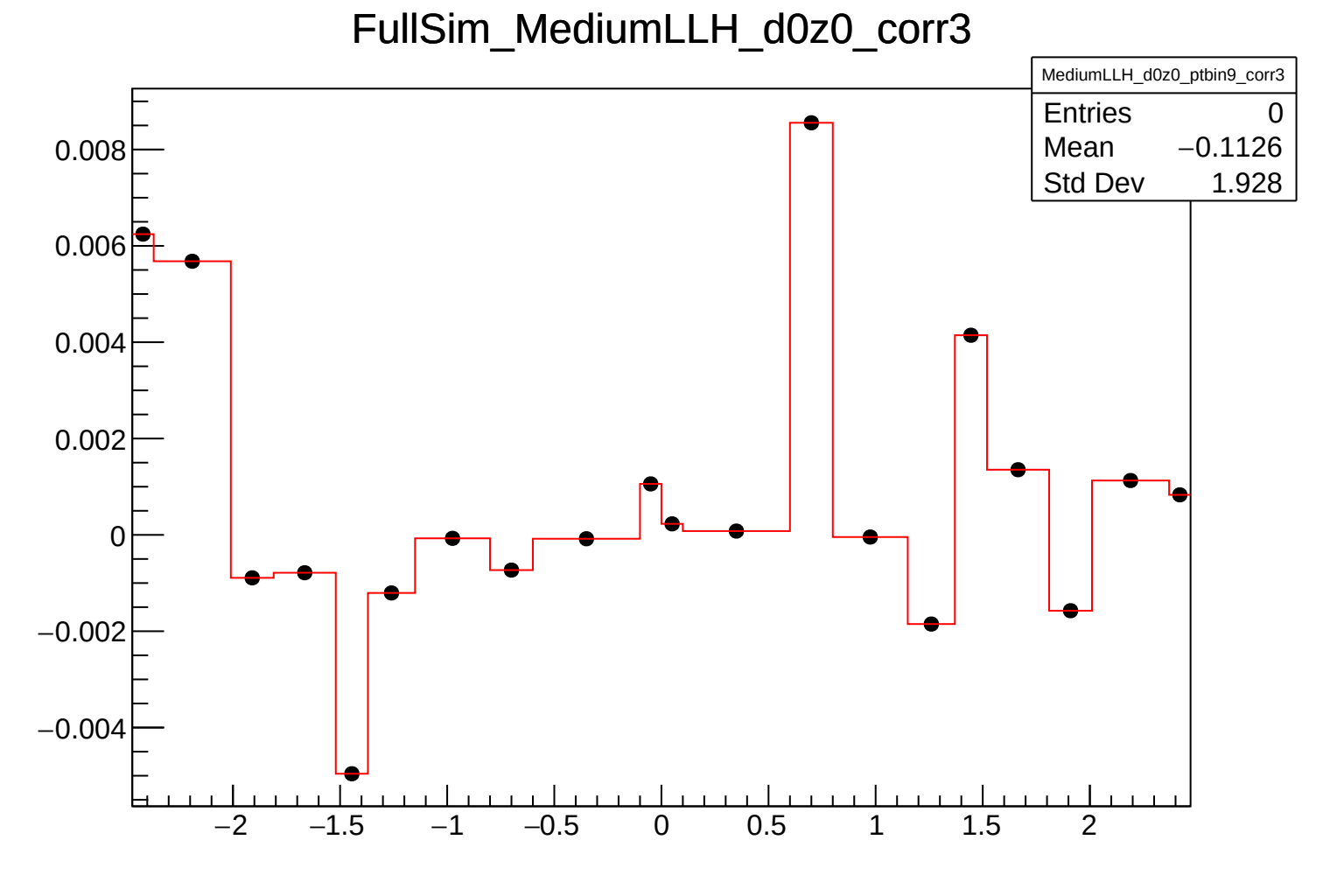
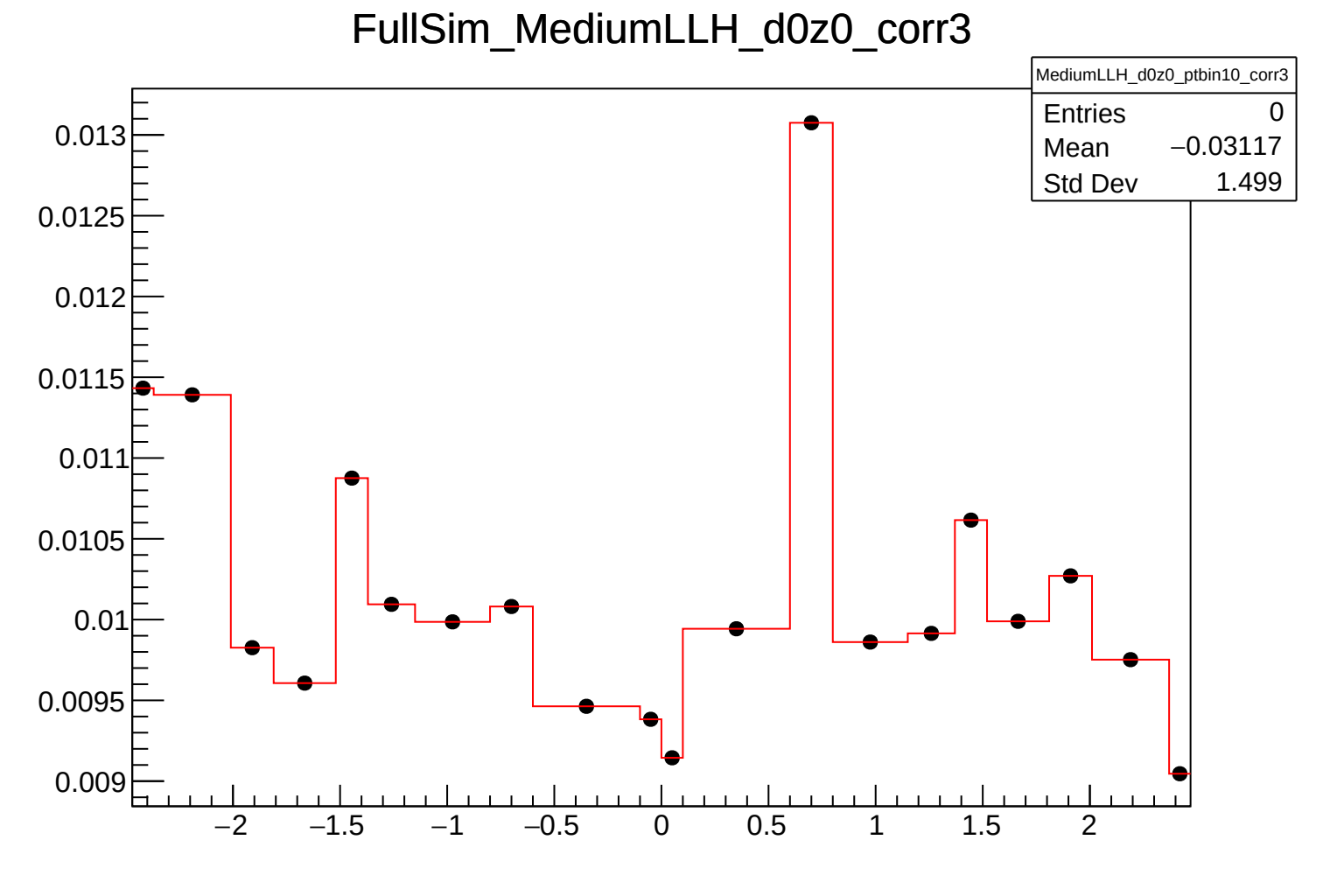
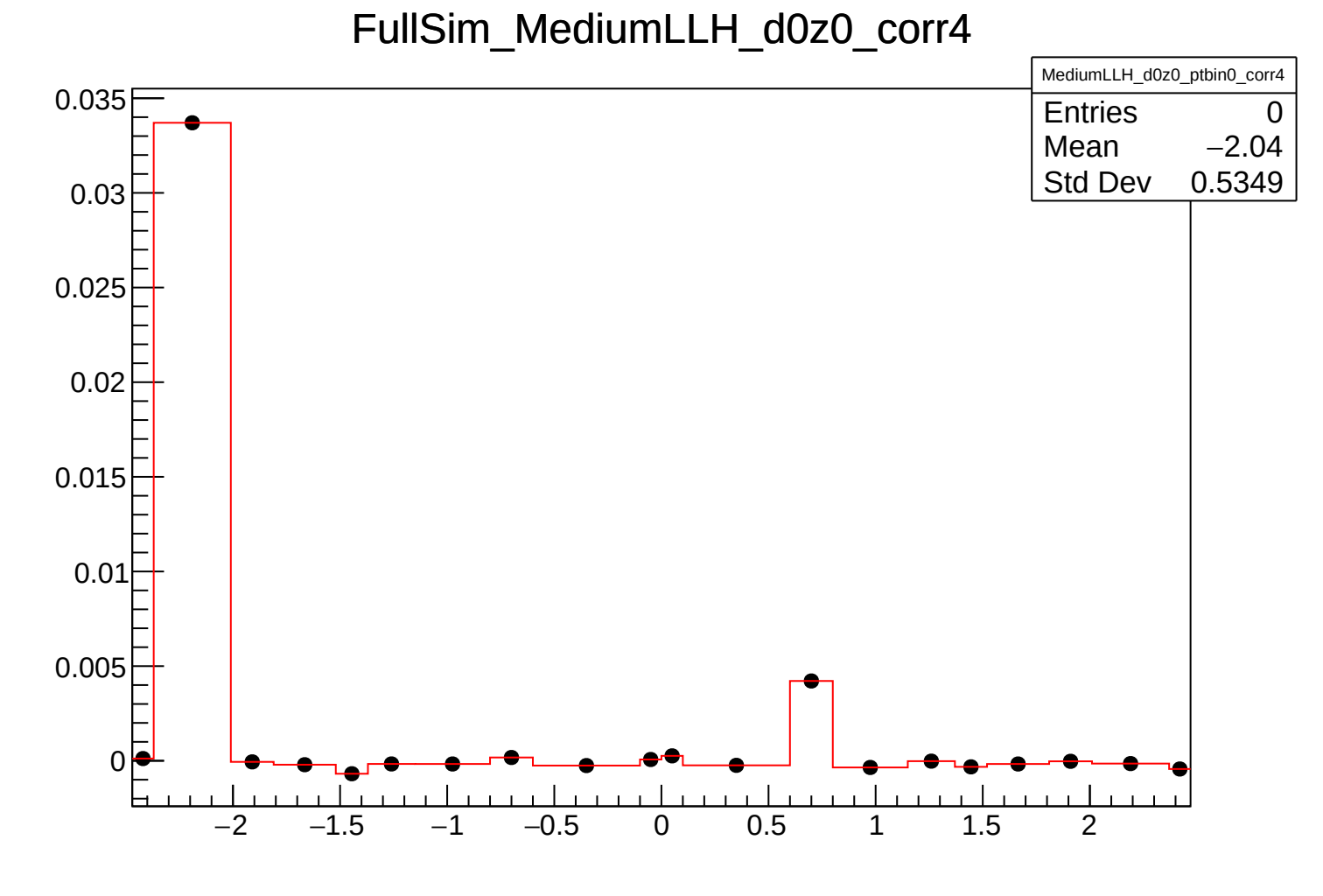
0.5
1
1.5
2

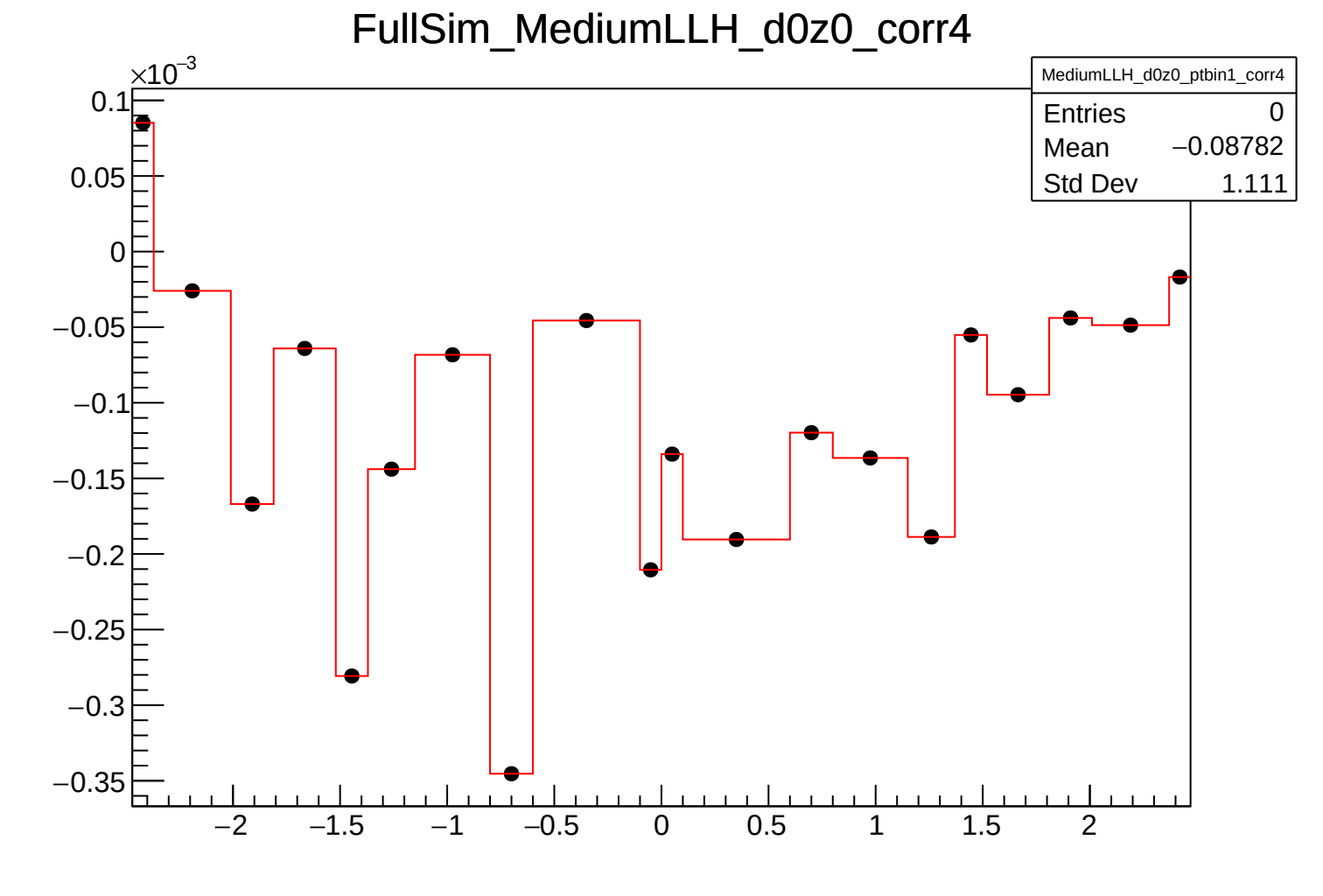

FullSim_MediumLLH_d0z0_corr3
MediumLLH_d0z0_ptbin7_corr3
Entries 0
Mean −1.734
Std Dev 1.39
0.002
0.001
0
−0.001
−0.002
−0.003
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2

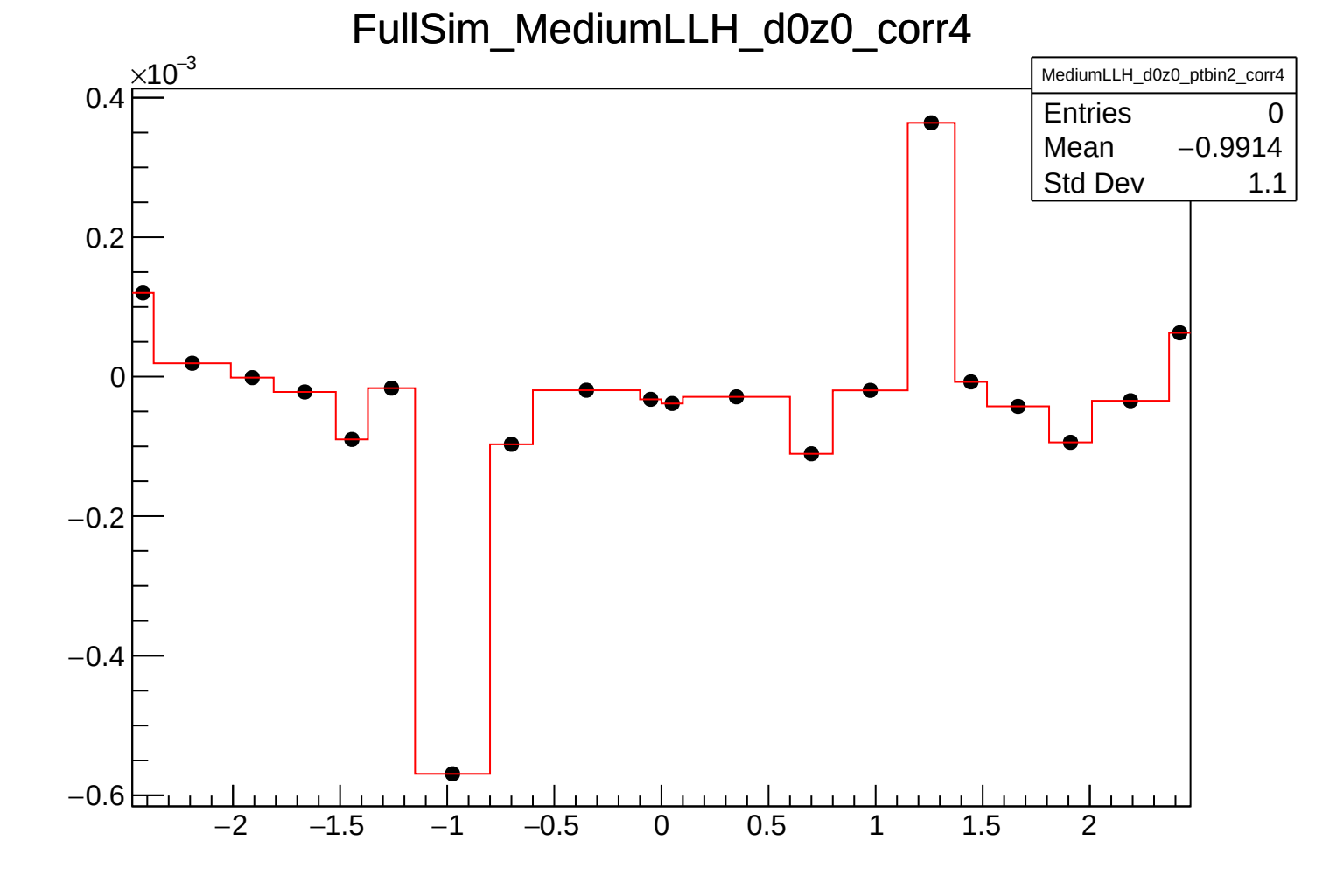

FullSim_MediumLLH_d0z0_corr3
MediumLLH_d0z0_ptbin8_corr3
Entries 0
Mean −8.832
Std Dev 7.917
0.008
0.006
0.004
0.002
0
−0.002
−0.004
−0.006
−0.008
−0.01
−0.012
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2

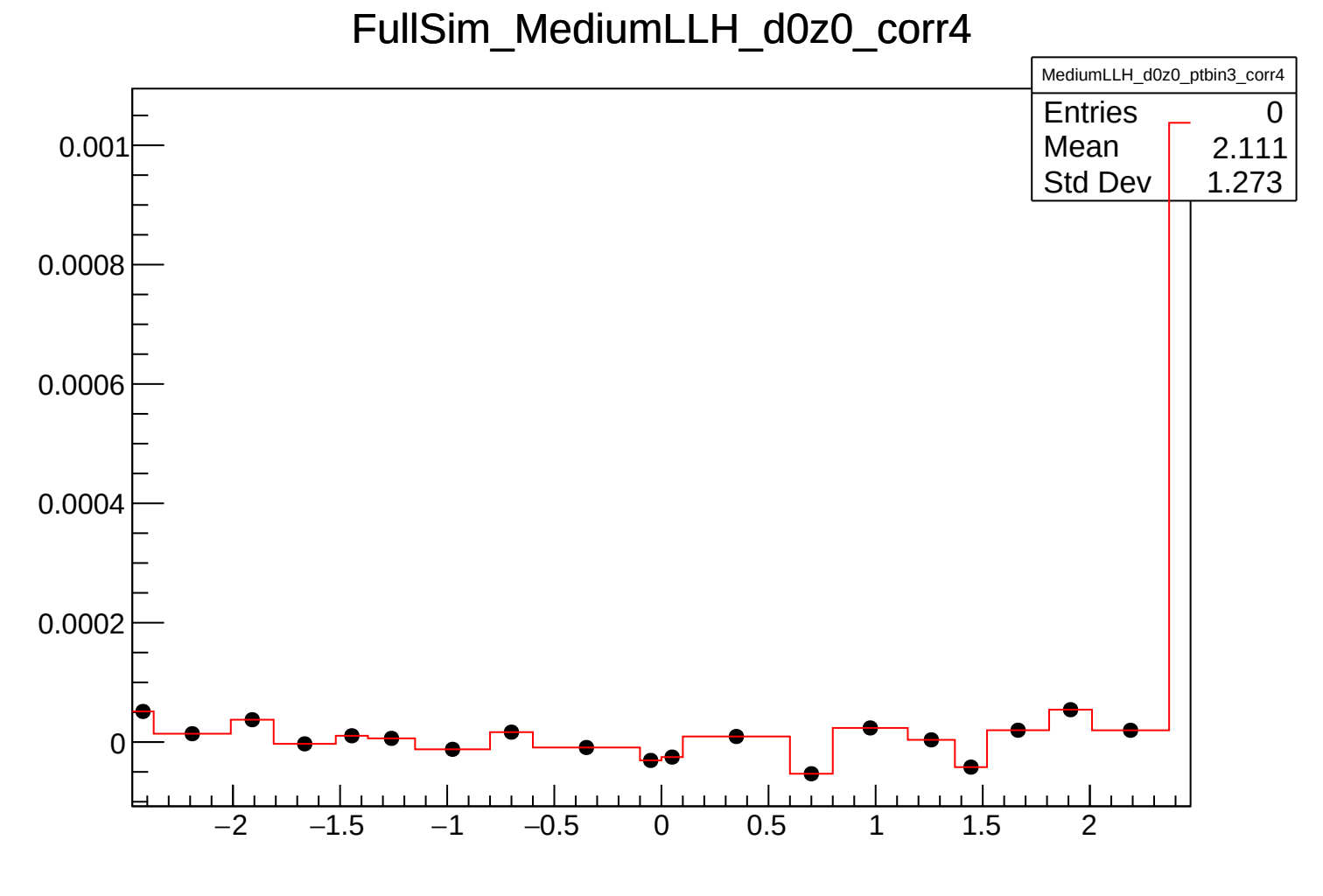

FullSim_MediumLLH_d0z0_corr3
MediumLLH_d0z0_ptbin9_corr3
Entries 0
Mean −0.1126
Std Dev 1.928
0.008
0.006
0.004
0.002
0
−0.002
−0.004
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2

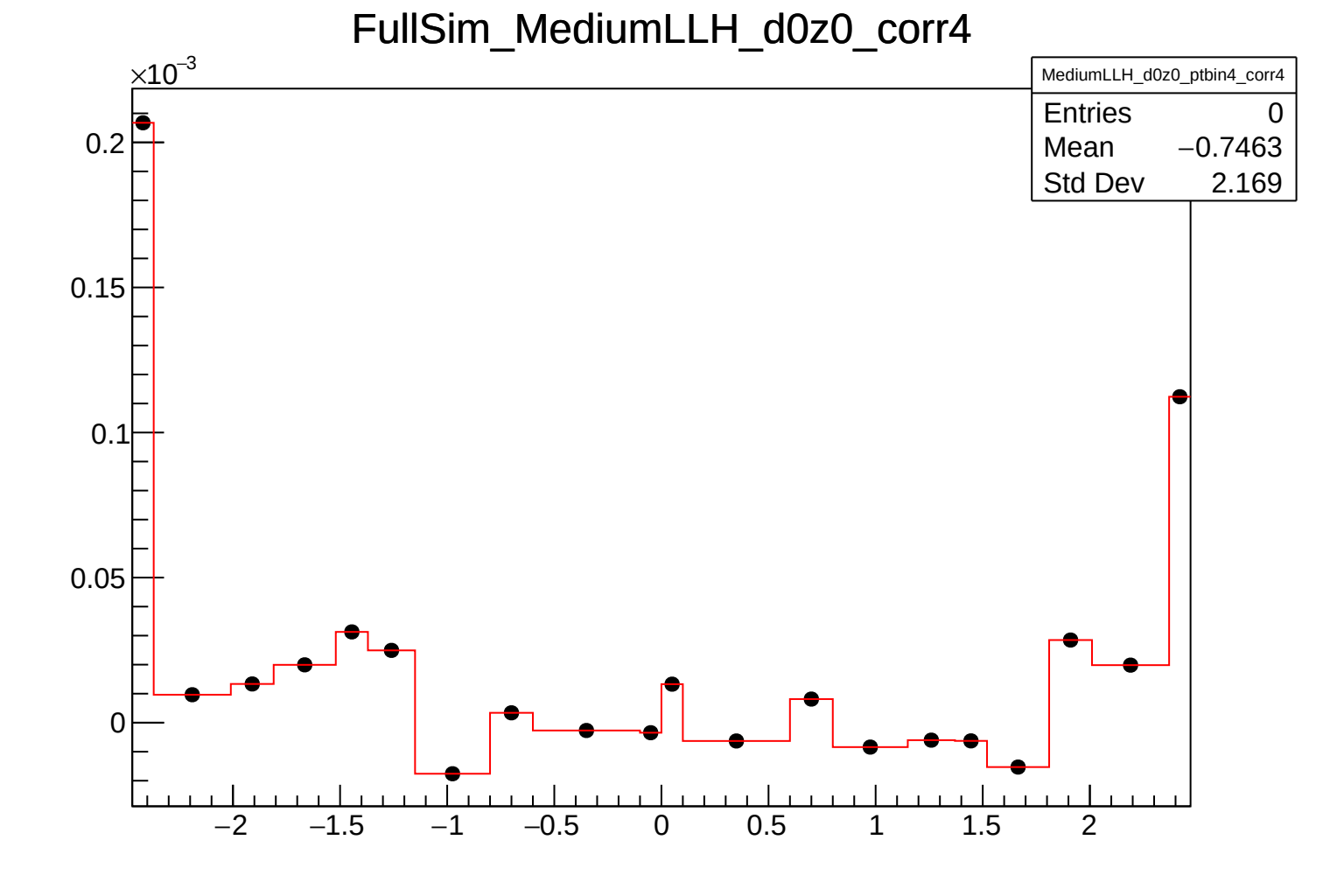

FullSim_MediumLLH_d0z0_corr3
MediumLLH_d0z0_ptbin10_corr3
Entries 0
Mean −0.03117
Std Dev 1.499
0.013
0.0125
0.012
0.0115
0.011
0.0105
0.01
0.0095
0.009
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2

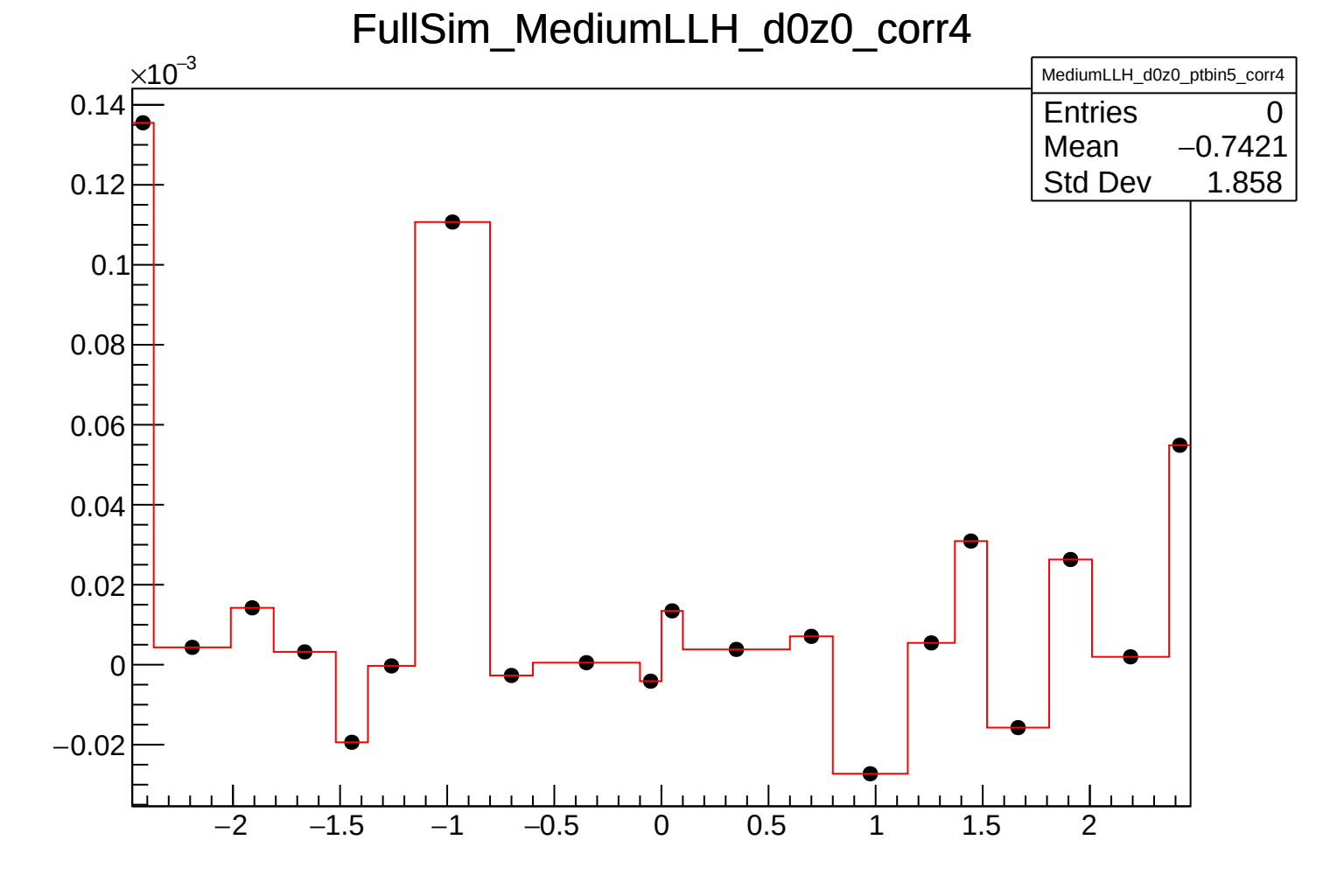

FullSim_MediumLLH_d0z0_corr4
MediumLLH_d0z0_ptbin0_corr4
Entries 0
Mean −2.04
Std Dev 0.5349
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2

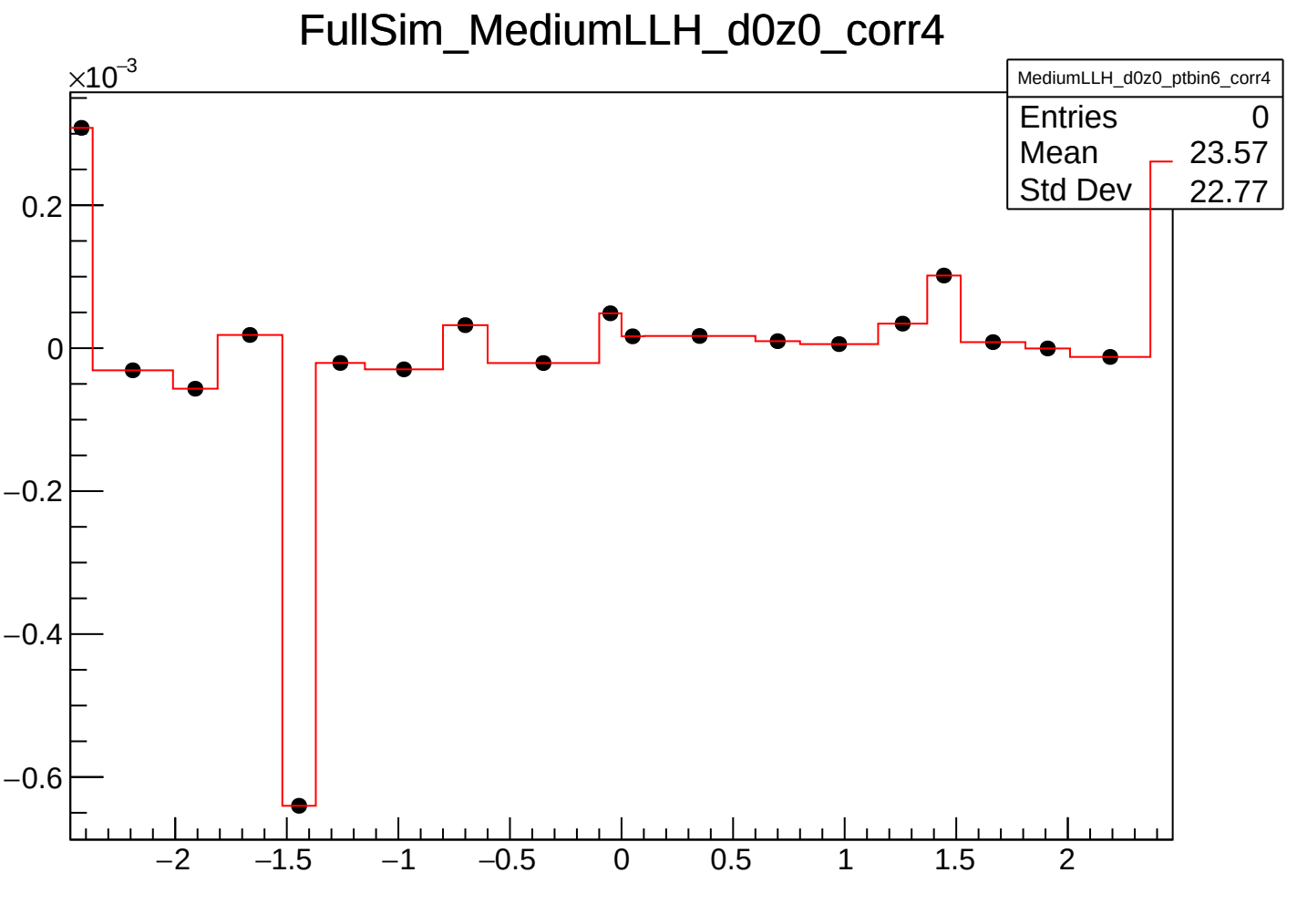

FullSim_MediumLLH_d0z0_corr4
MediumLLH_d0z0_ptbin1_corr4
Entries 0
Mean −0.08782
Std Dev 1.111
×10^−3
0.1
0.05
0
−0.05
−0.1
−0.15
−0.2
−0.25
−0.3
−0.35
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2

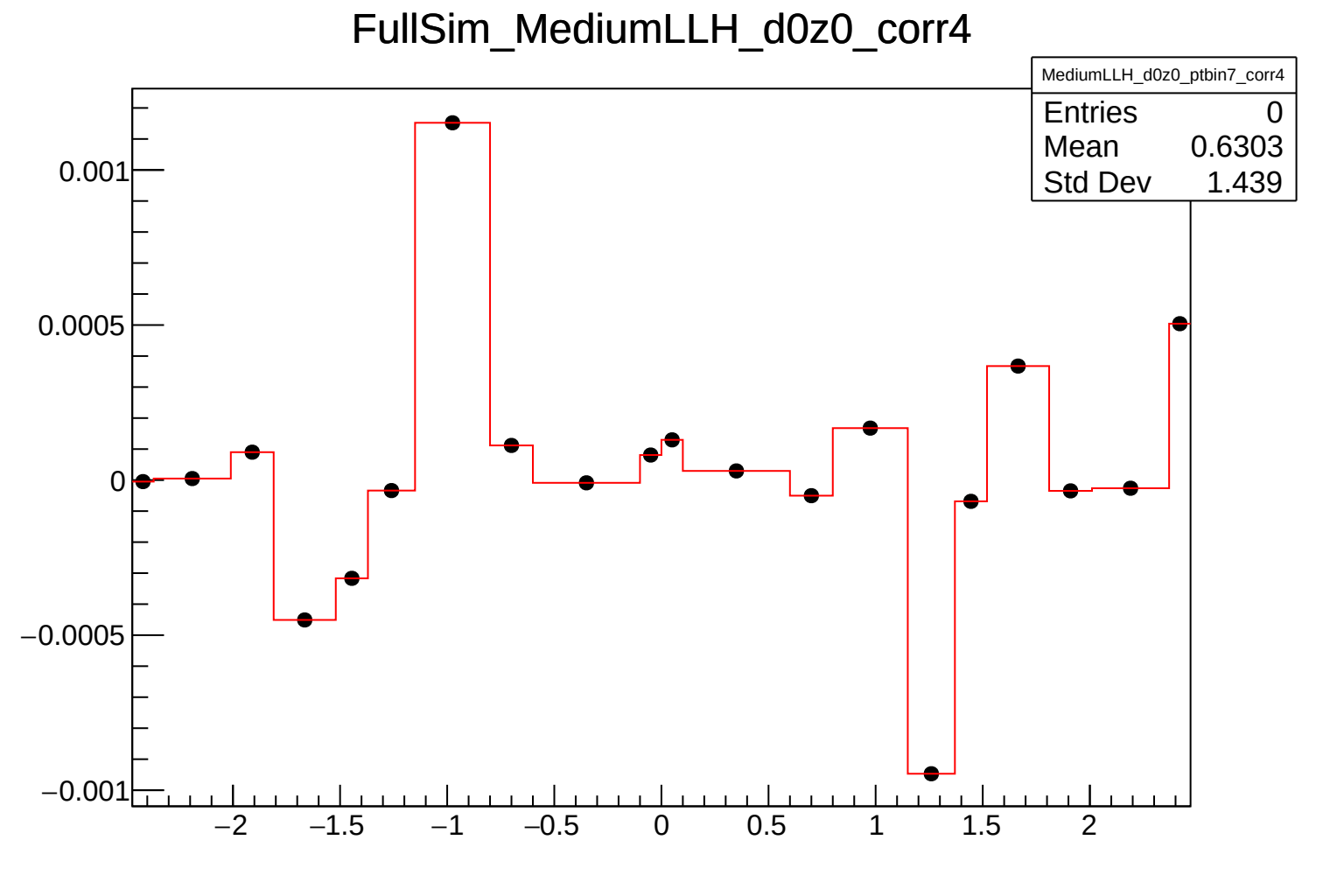

FullSim_MediumLLH_d0z0_corr4
×10^−3
0.4
0.2
0
−0.2
−0.4
−0.6
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2
MediumLLH_d0z0_ptbin2_corr4
Entries 0
Mean −0.9914
Std Dev 1.1

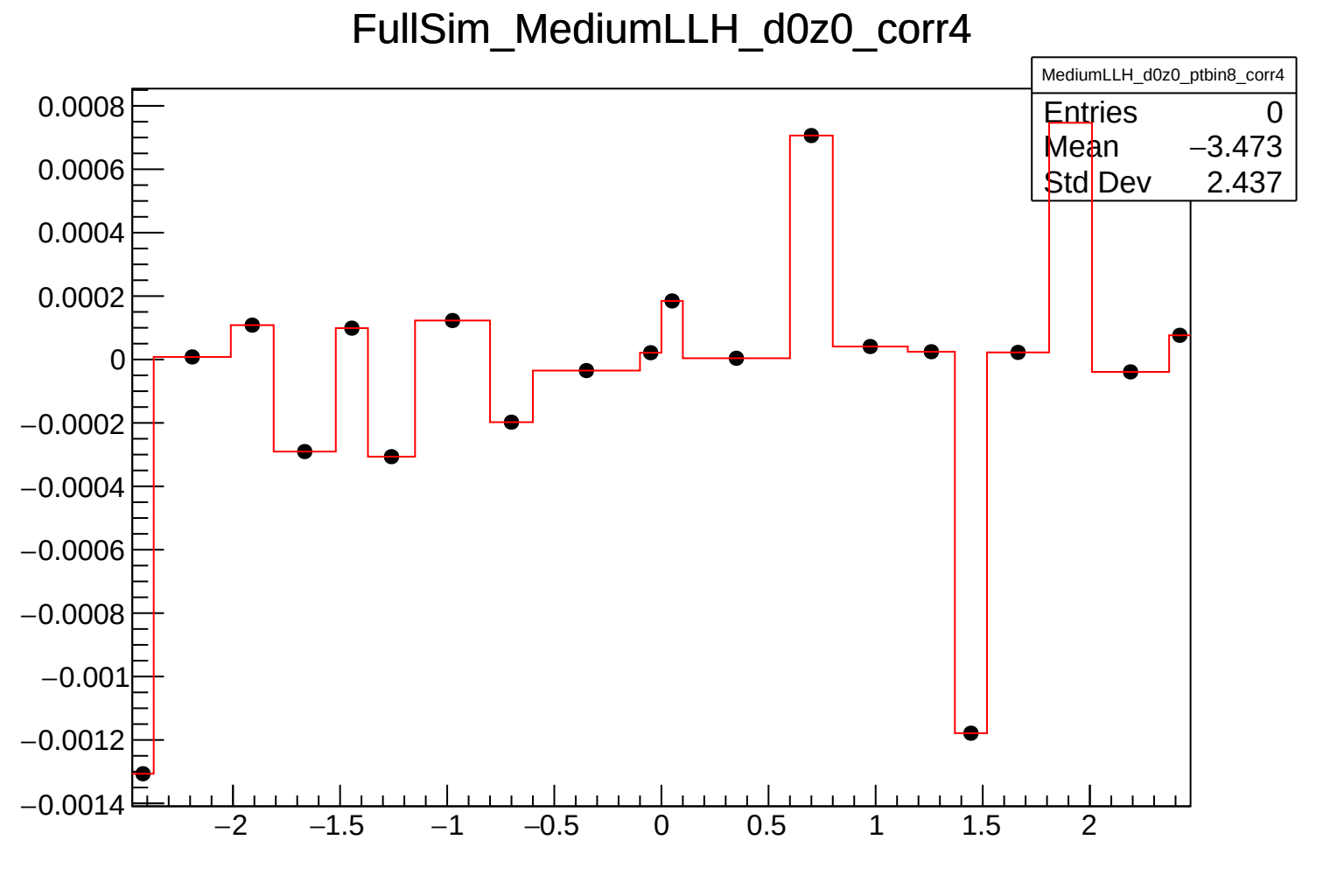

FullSim_MediumLLH_d0z0_corr4
MediumLLH_d0z0_ptbin3_corr4
Entries 0
Mean 2.111
Std Dev 1.273
0.001
0.0008
0.0006
0.0004
0.0002
0
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr4
×10^−3
MediumLLH_d0z0_ptbin4_corr4
Entries 0
Mean −0.7463
Std Dev 2.169
0.2
0.15
0.1
0.05
0
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr4
MediumLLH_d0z0_ptbin5_corr4
Entries 0
Mean −0.7421
Std Dev 1.858
×10^−3
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
−0.02
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr4
×10^−3
MediumLLH_d0z0_ptbin6_corr4
Entries 0
Mean 23.57
Std Dev 22.77
0.2
0
−0.2
−0.4
−0.6
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr4
MediumLLH_d0z0_ptbin7_corr4
Entries 0
Mean 0.6303
Std Dev 1.439
0.001
0.0005
0
−0.0005
−0.001
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr4
MediumLLH_d0z0_ptbin8_corr4
Entries 0
Mean −3.473
Std Dev 2.437
0.0008
0.0006
0.0004
0.0002
0
−0.0002
−0.0004
−0.0006
−0.0008
−0.001
−0.0012
−0.0014
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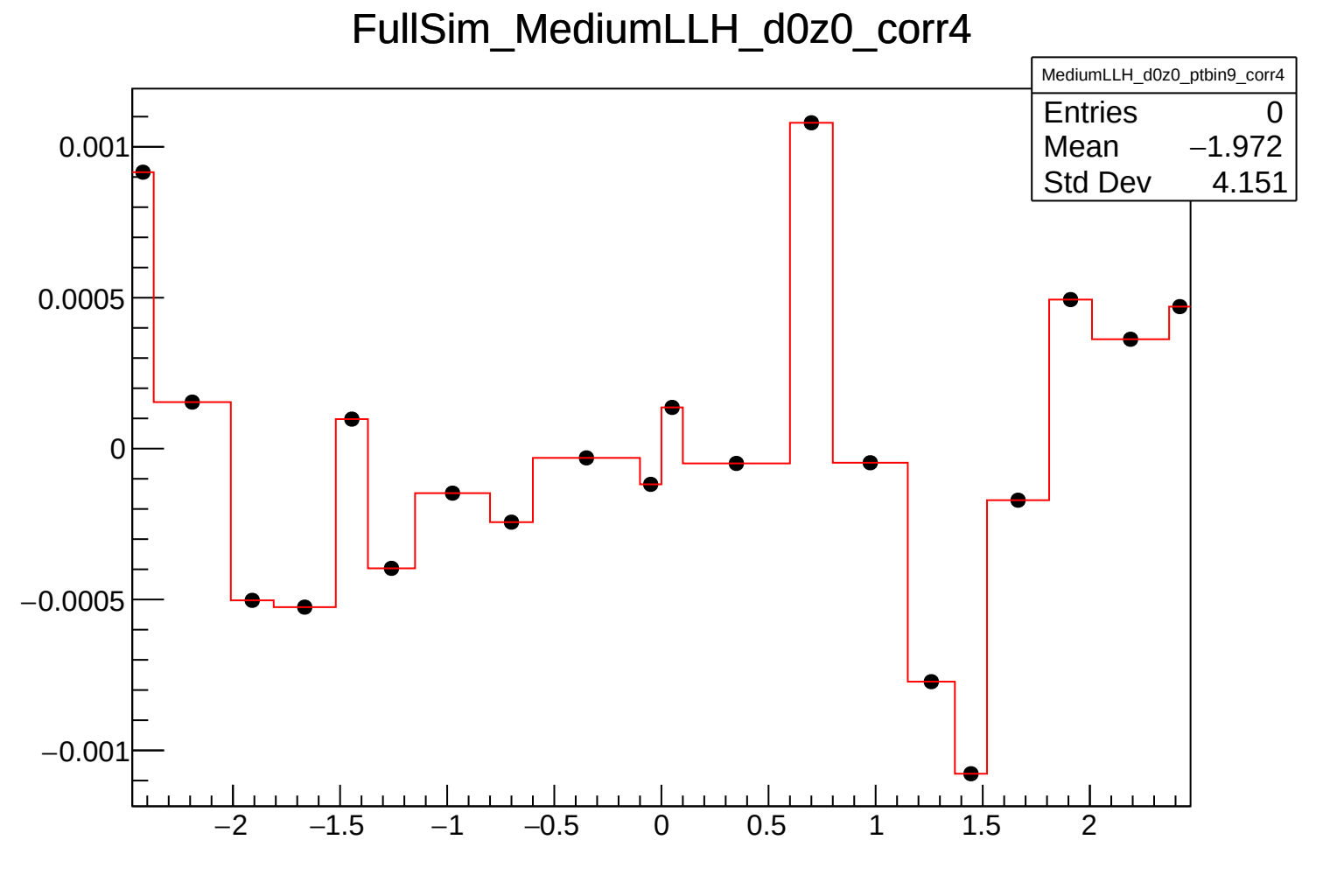
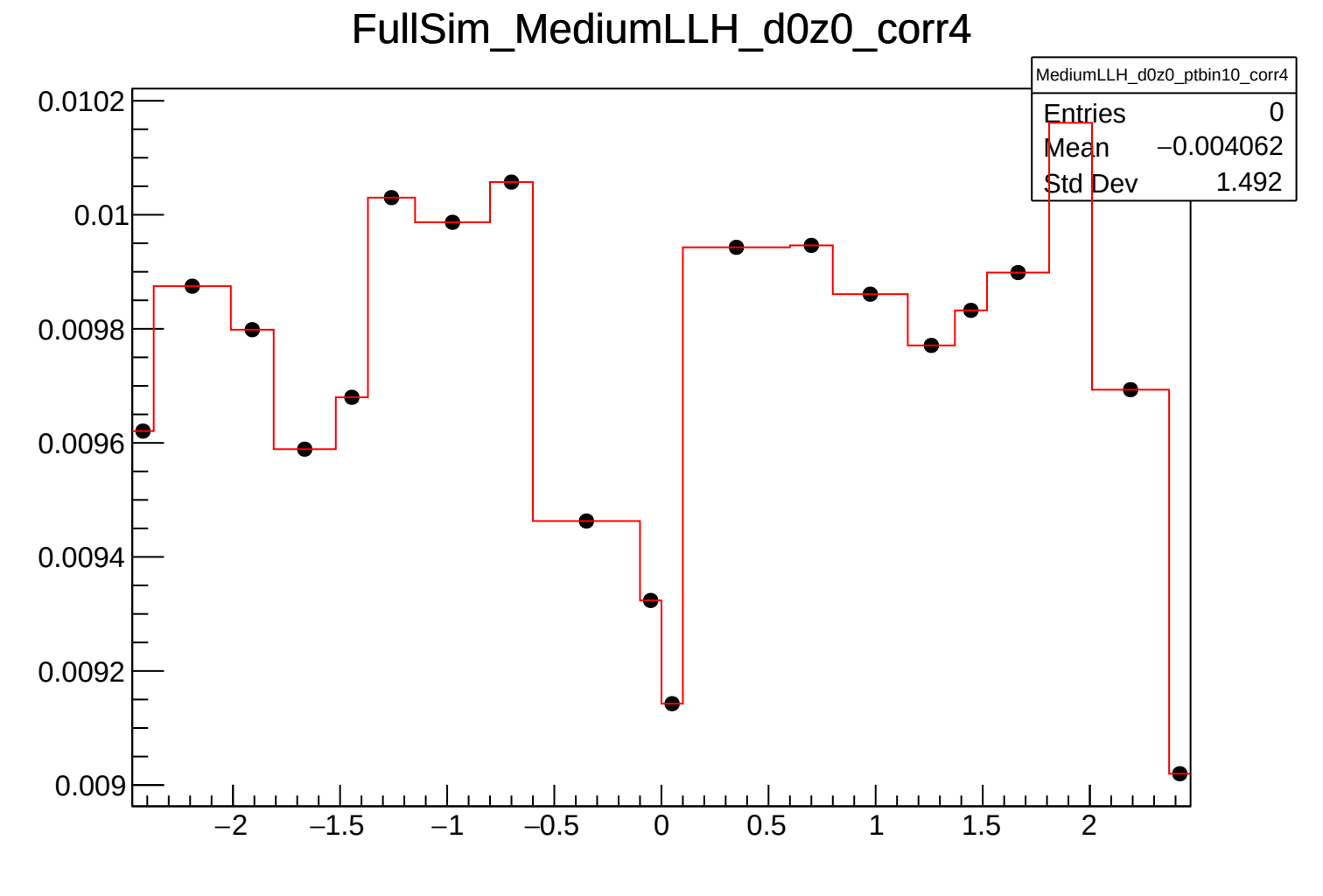
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr4
MediumLLH_d0z0_ptbin9_corr4
Entries 0
Mean −1.972
Std Dev 4.151
0.001
0.0005
0
−0.0005
−0.001
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr4
MediumLLH_d0z0_ptbin10_corr4
Entries 0
Mean −0.004062
Std Dev 1.492
0.0102
0.01
0.0098
0.0096
0.0094
0.0092
0.009
−2
−1.5
−1
−0.5
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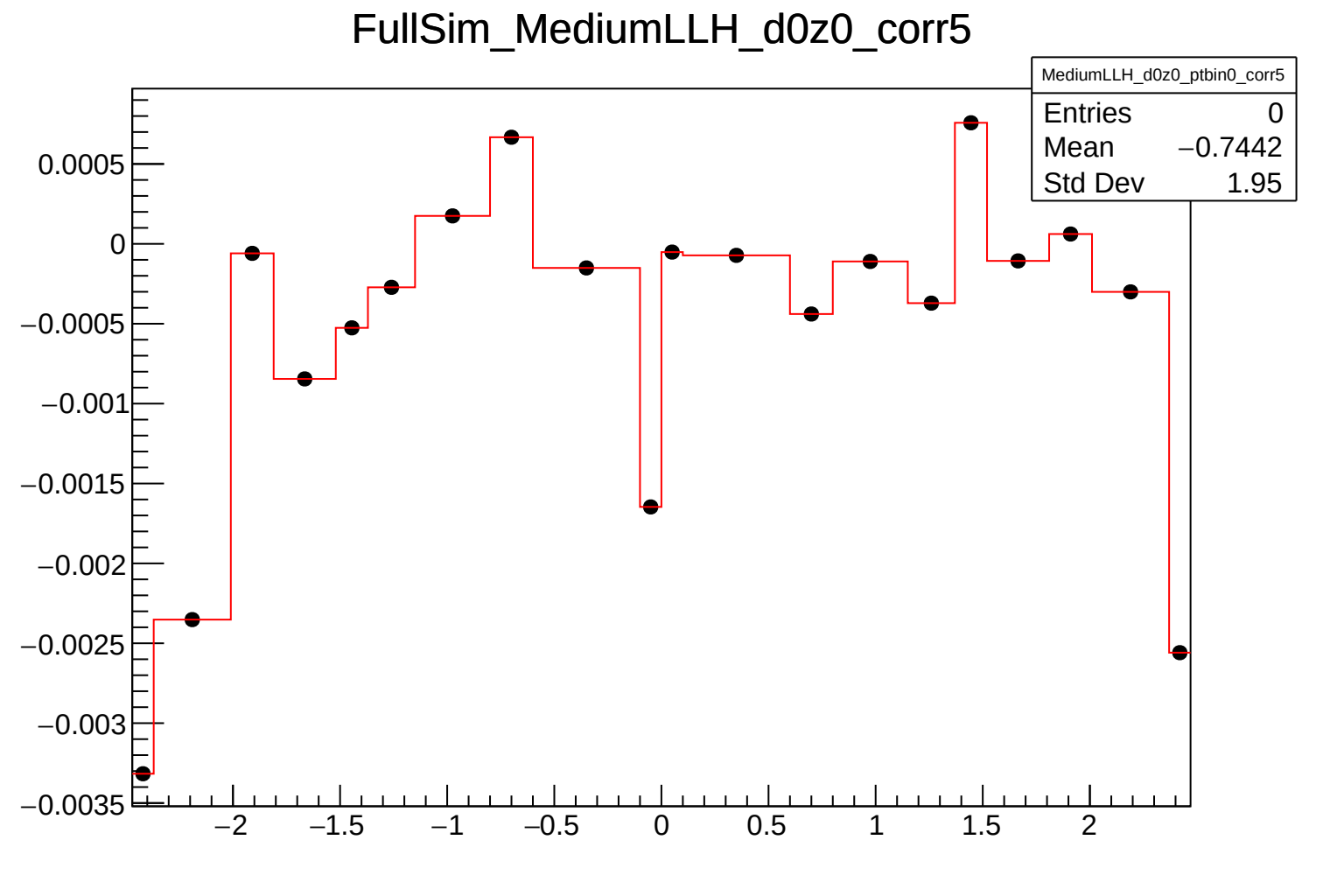
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr5
MediumLLH_d0z0_ptbin0_corr5
Entries 0
Mean −0.7442
Std Dev 1.95
0.0005
0
−0.0005
−0.001
−0.0015
−0.002
−0.0025
−0.003
−0.0035
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−1.5
−1
−0.5
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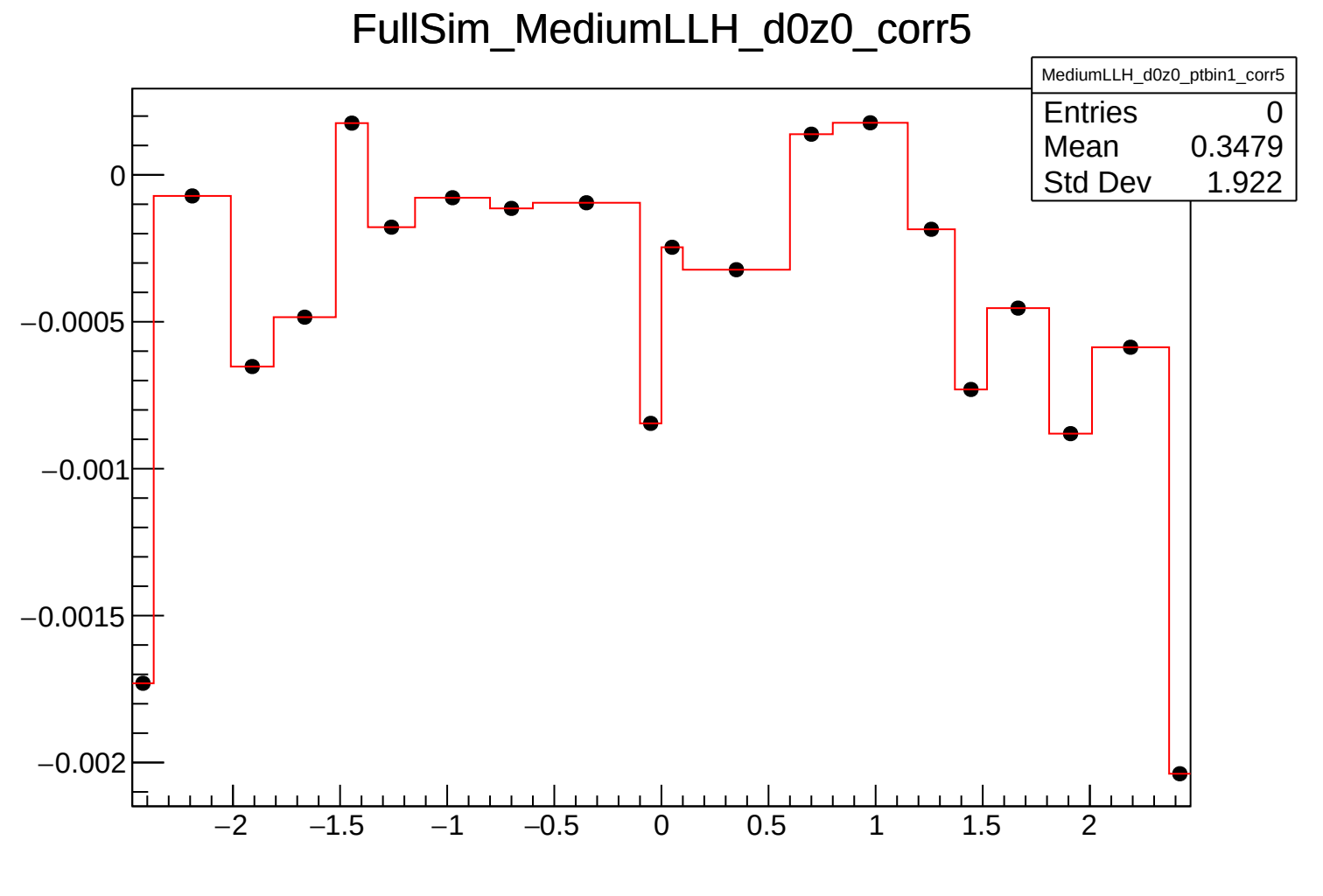
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr5
MediumLLH_d0z0_ptbin1_corr5
Entries 0
Mean 0.3479
Std Dev 1.922
0
−0.0005
−0.001
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−0.002
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−1.5
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−0.5
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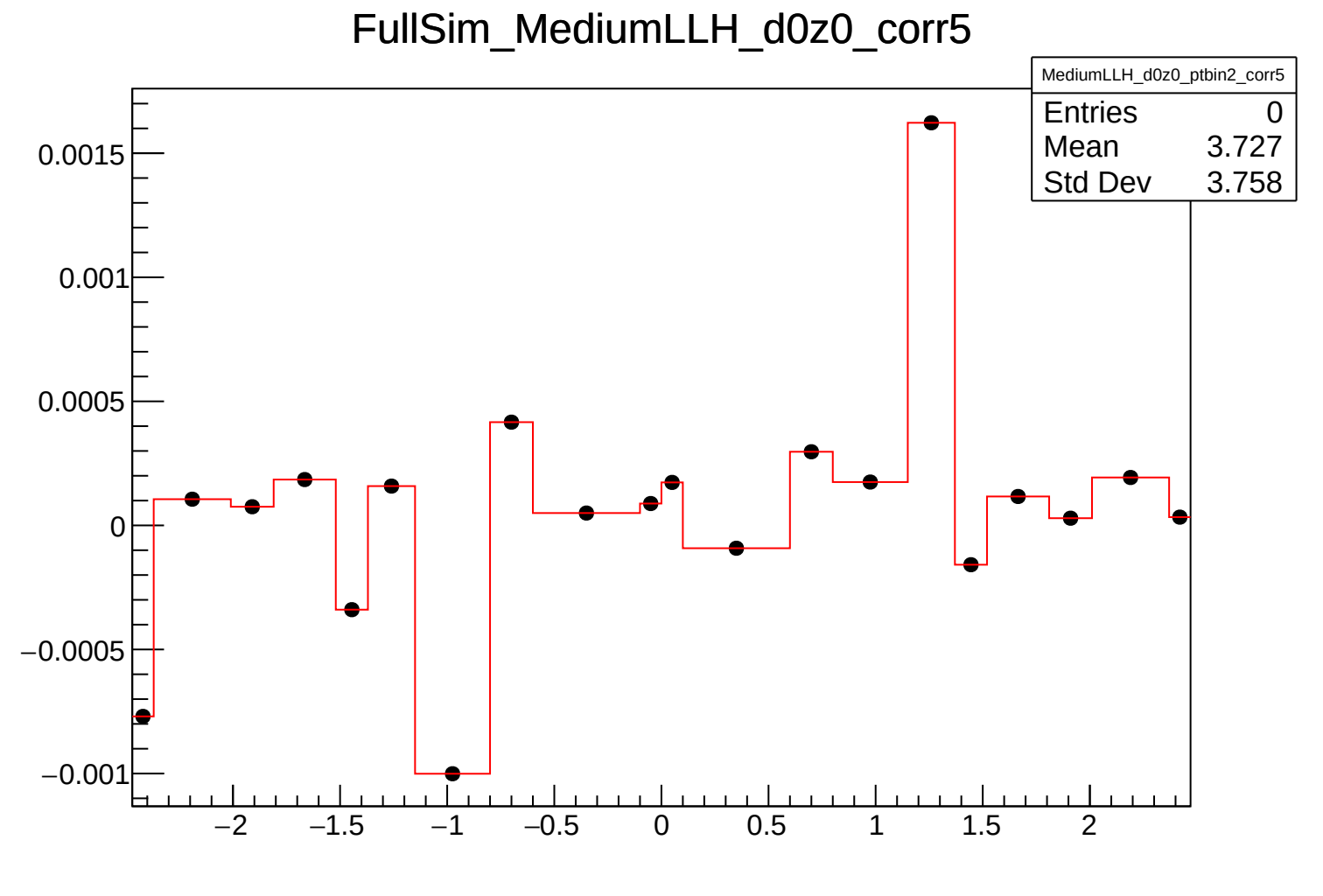
1
1.5
2


FullSim_MediumLLH_d0z0_corr5
MediumLLH_d0z0_ptbin2_corr5
Entries 0
Mean 3.727
Std Dev 3.758
0.0015
0.001
0.0005
0
−0.0005
−0.001
−2
−1.5
−1
−0.5
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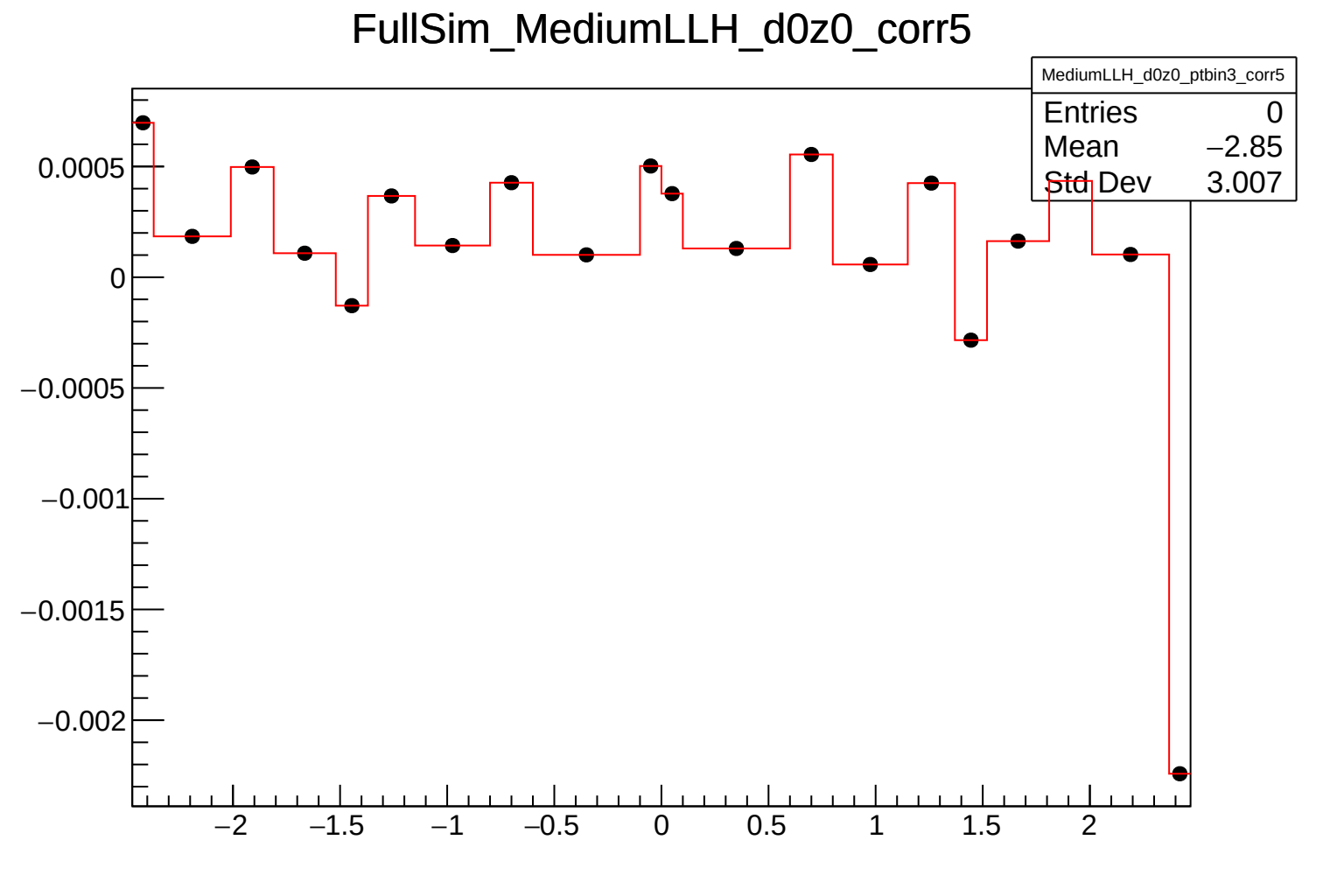
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr5
MediumLLH_d0z0_ptbin3_corr5
Entries 0
Mean −2.85
Std Dev 3.007
0.0005
0
−0.0005
−0.001
−0.0015
−0.002
−2
−1.5
−1
−0.5
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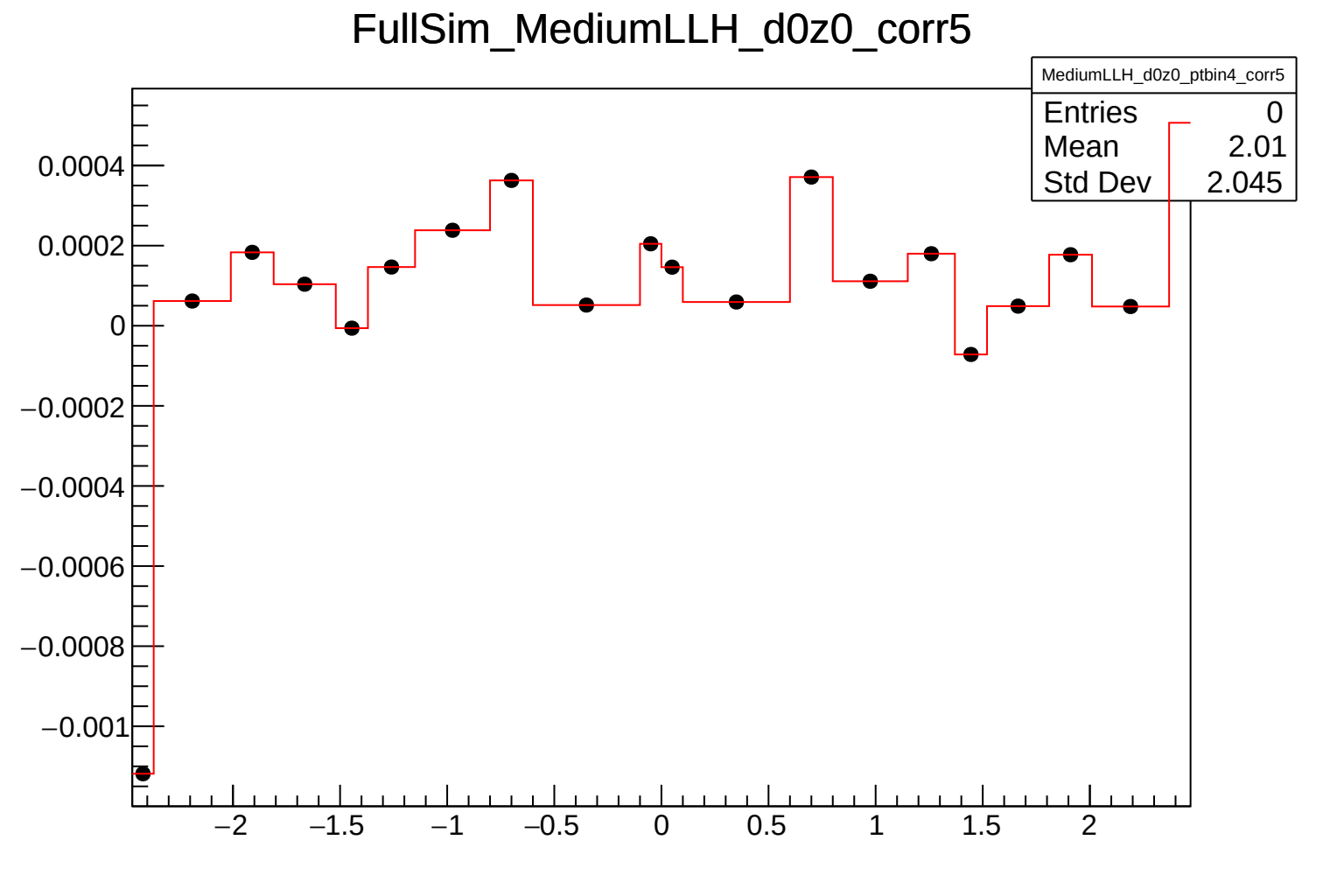
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr5
MediumLLH_d0z0_ptbin4_corr5
Entries 0
Mean 2.01
Std Dev 2.045
0.0004
0.0002
0
−0.0002
−0.0004
−0.0006
−0.0008
−0.001
−2
−1.5
−1
−0.5
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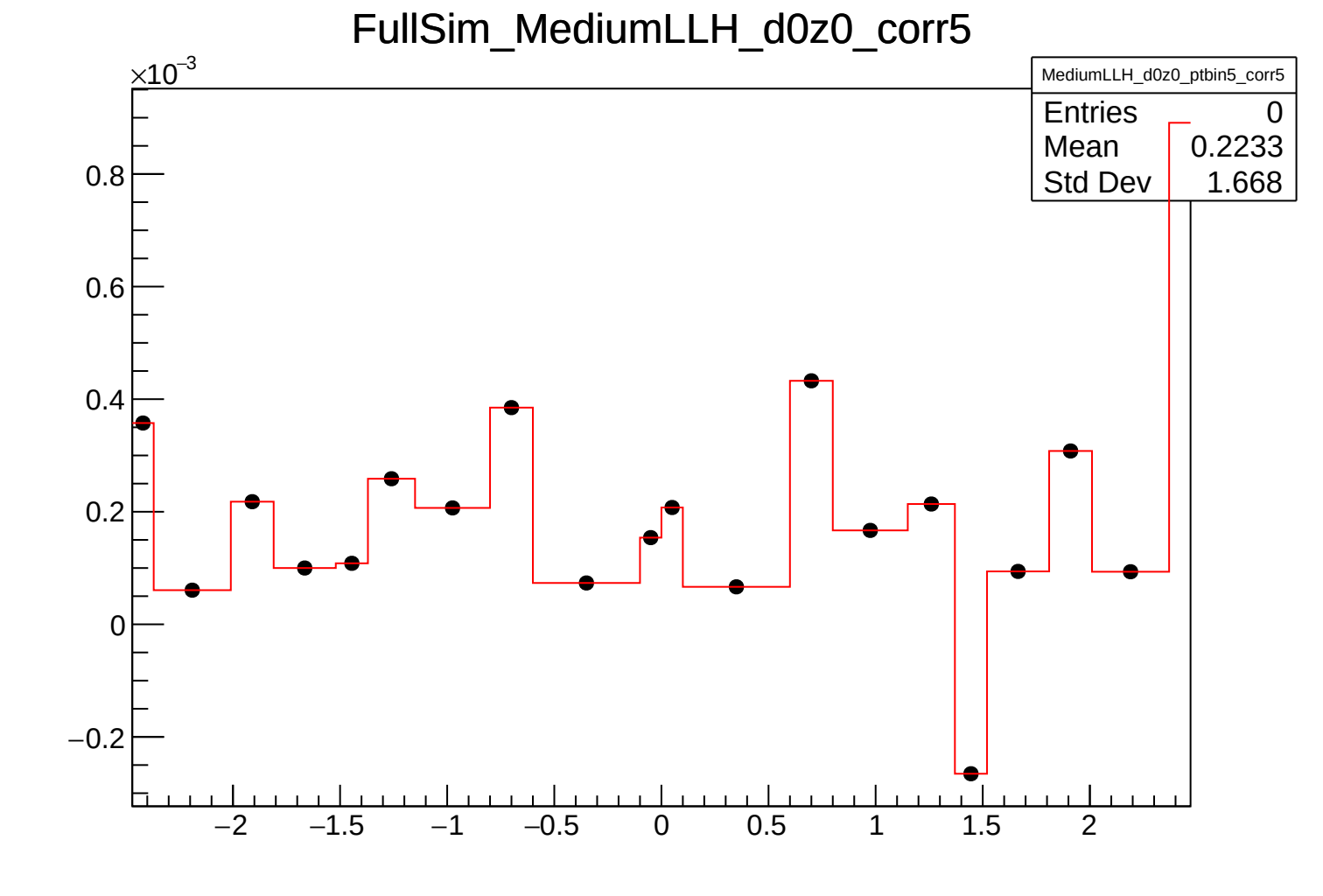
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr5
×10⁻³
MediumLLH_d0z0_ptbin5_corr5
Entries 0
Mean 0.2233
Std Dev 1.668
0.8
0.6
0.4
0.2
0
−0.2
−2
−1.5
−1
−0.5
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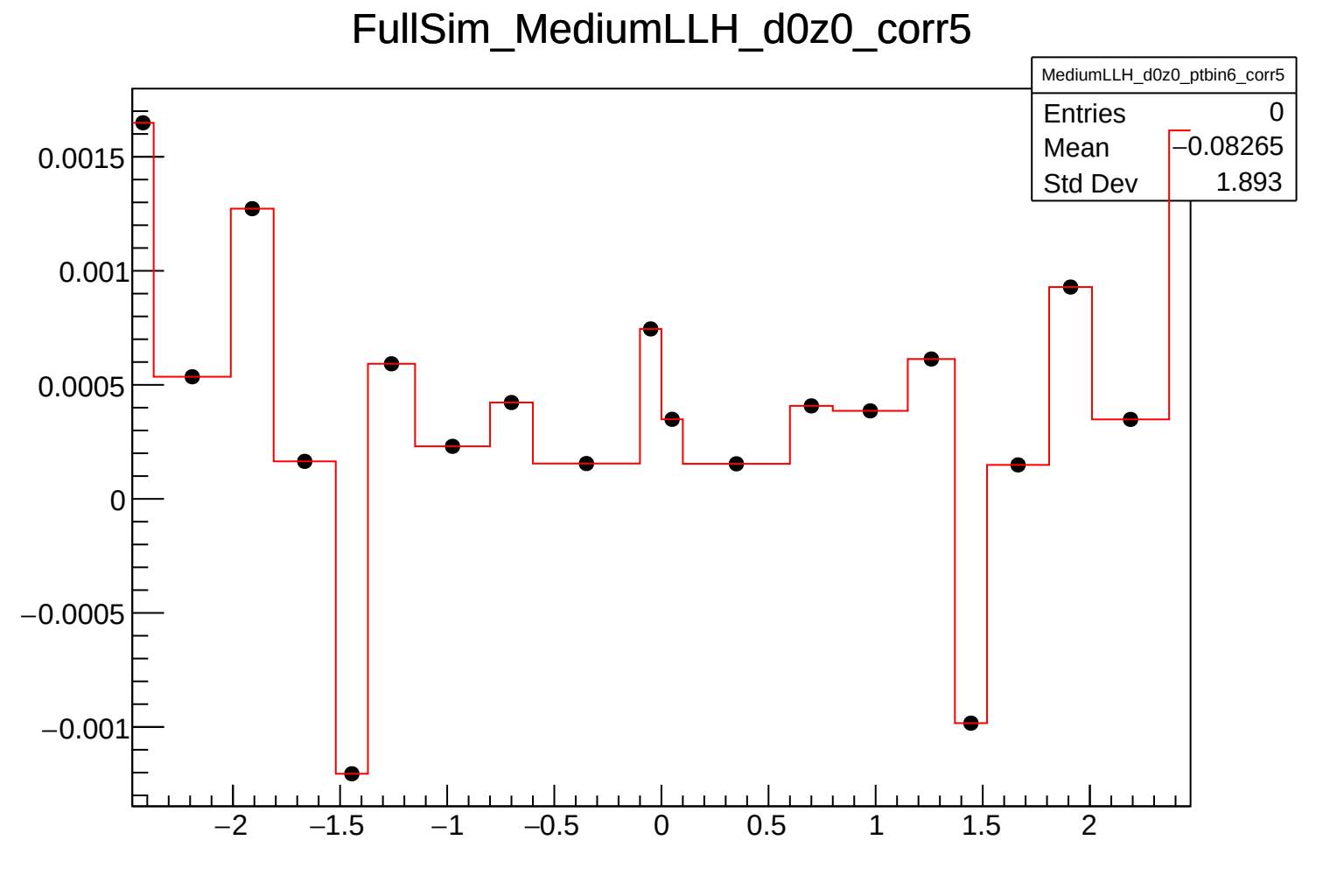
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr5
MediumLLH_d0z0_ptbin6_corr5
Entries 0
Mean −0.08265
Std Dev 1.893
0.0015
0.001
0.0005
0
−0.0005
−0.001
−2
−1.5
−1
−0.5
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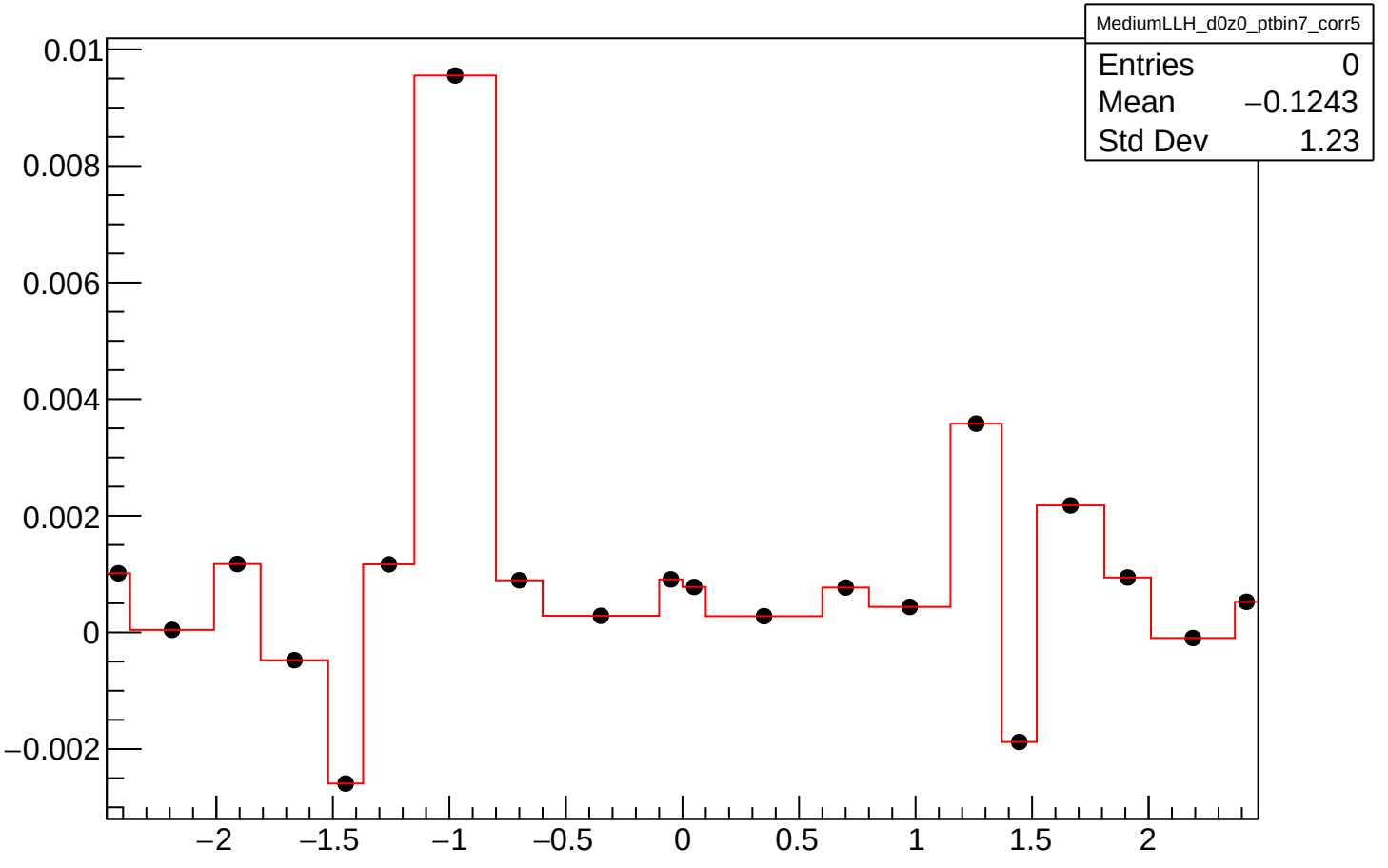
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr5
MediumLLH_d0z0_ptbin7_corr5
Entries 0
Mean −0.1243
Std Dev 1.23
0.01
0.008
0.006
0.004
0.002
0
−0.002
−2
−1.5
−1
−0.5
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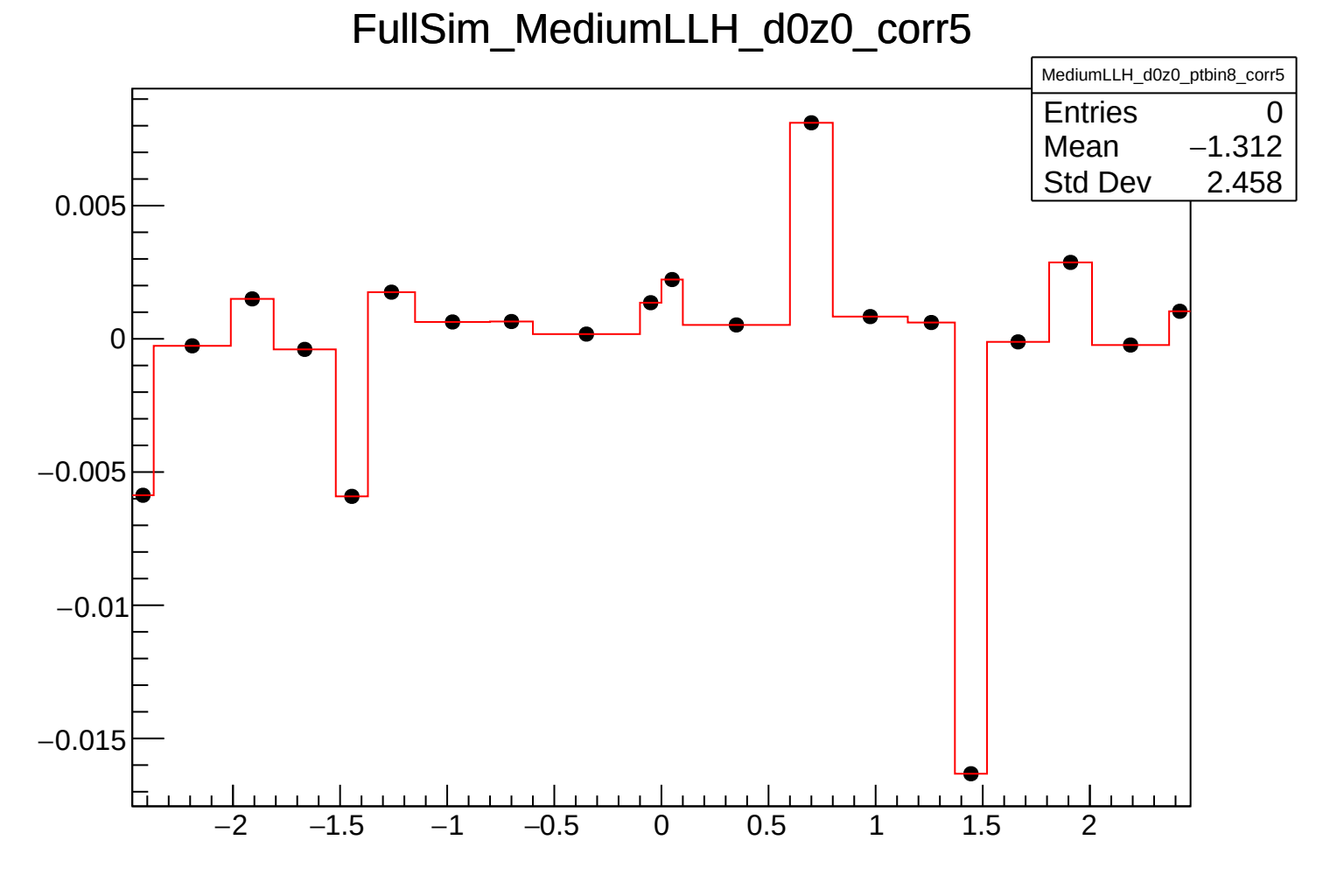
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr5
MediumLLH_d0z0_ptbin8_corr5
Entries 0
Mean −1.312
Std Dev 2.458
0.005
0
−0.005
−0.01
−0.015
−2
−1.5
−1
−0.5
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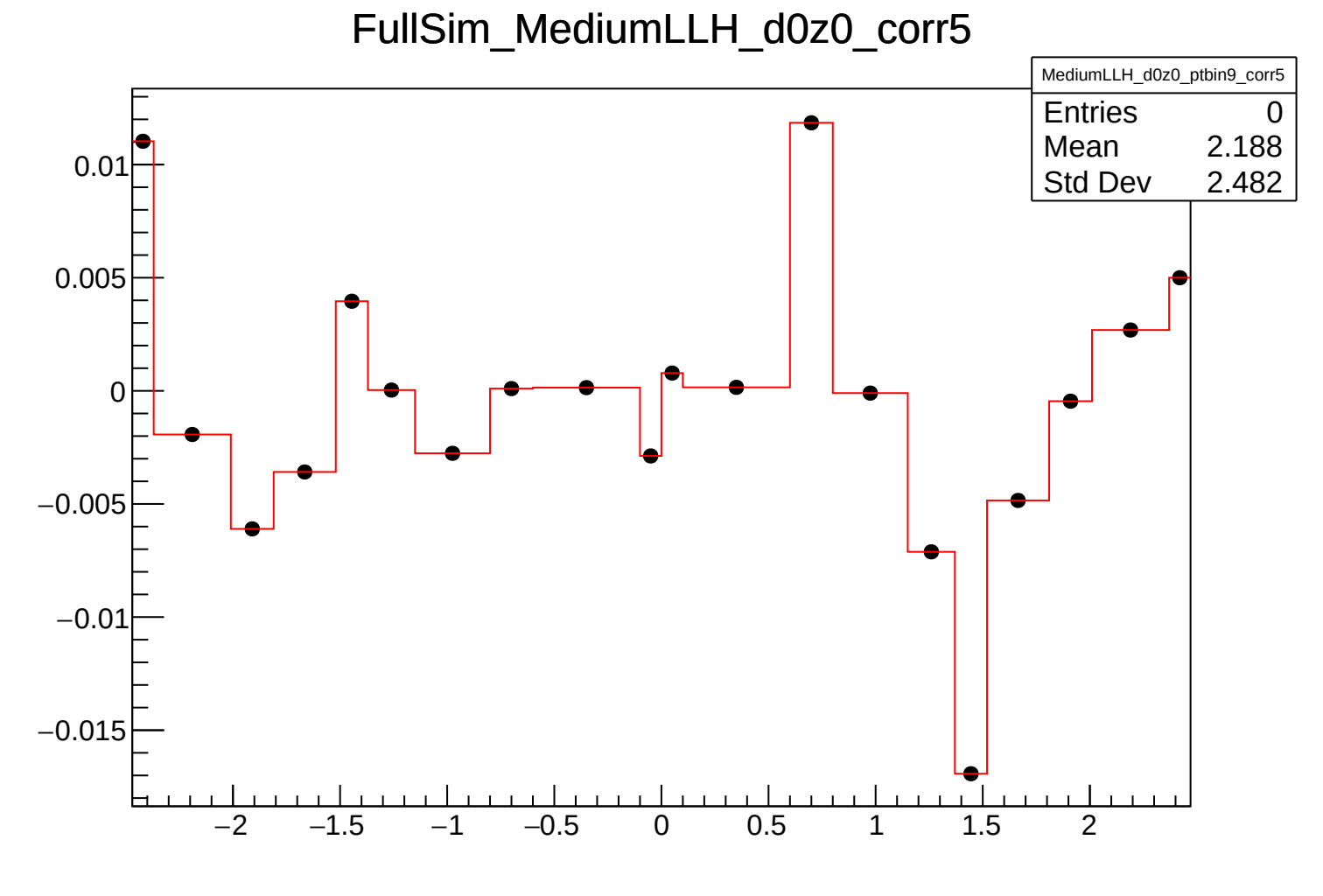
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr5
MediumLLH_d0z0_ptbin9_corr5
Entries 0
Mean 2.188
Std Dev 2.482
0.01
0.005
0
−0.005
−0.01
−0.015
−2
−1.5
−1
−0.5
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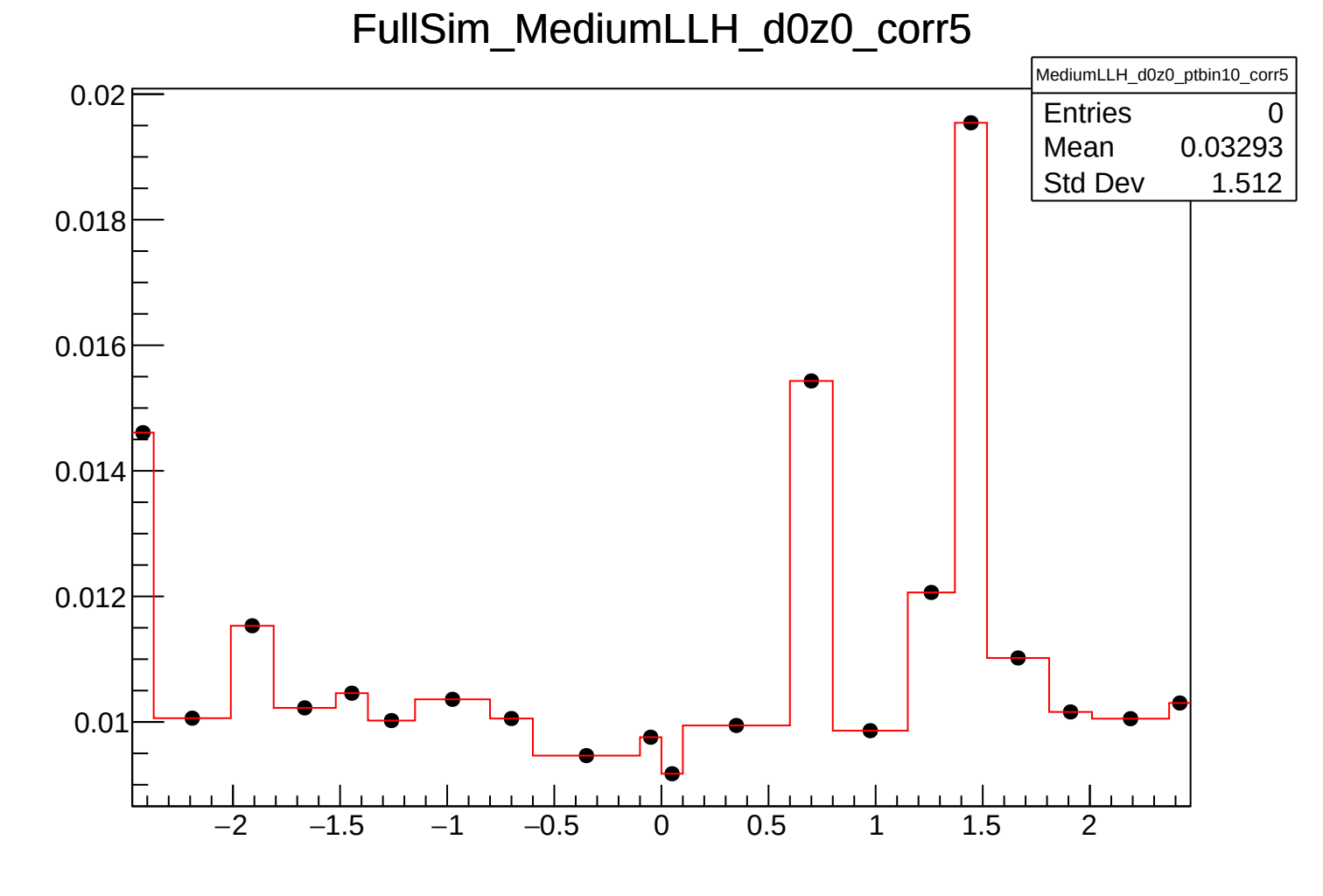
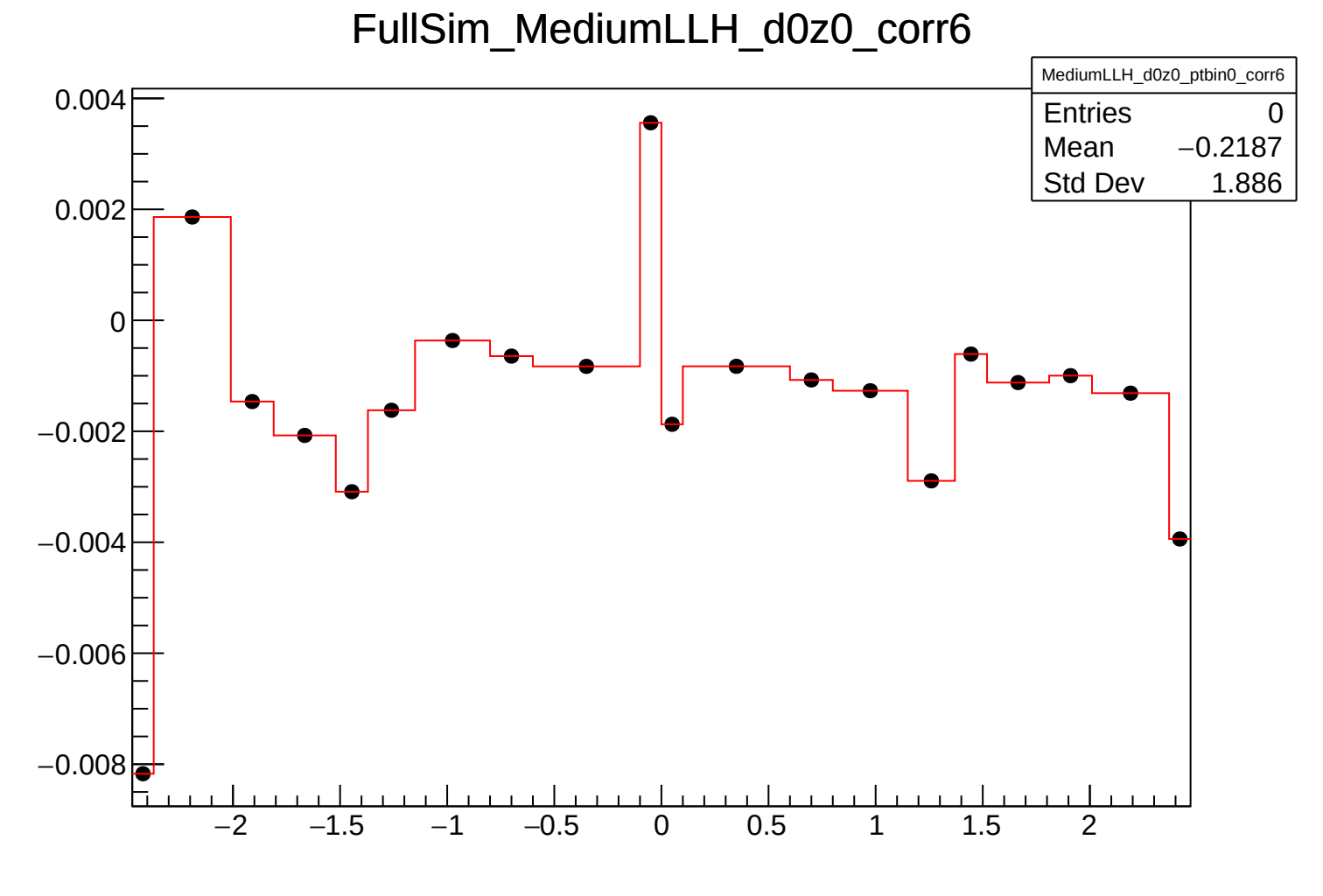
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr5
MediumLLH_d0z0_ptbin10_corr5
Entries 0
Mean 0.03293
Std Dev 1.512
0.02
0.018
0.016
0.014
0.012
0.01
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr6
MediumLLH_d0z0_ptbin0_corr6
Entries 0
Mean −0.2187
Std Dev 1.886
0.004
0.002
0
−0.002
−0.004
−0.006
−0.008
−2
−1.5
−1
−0.5
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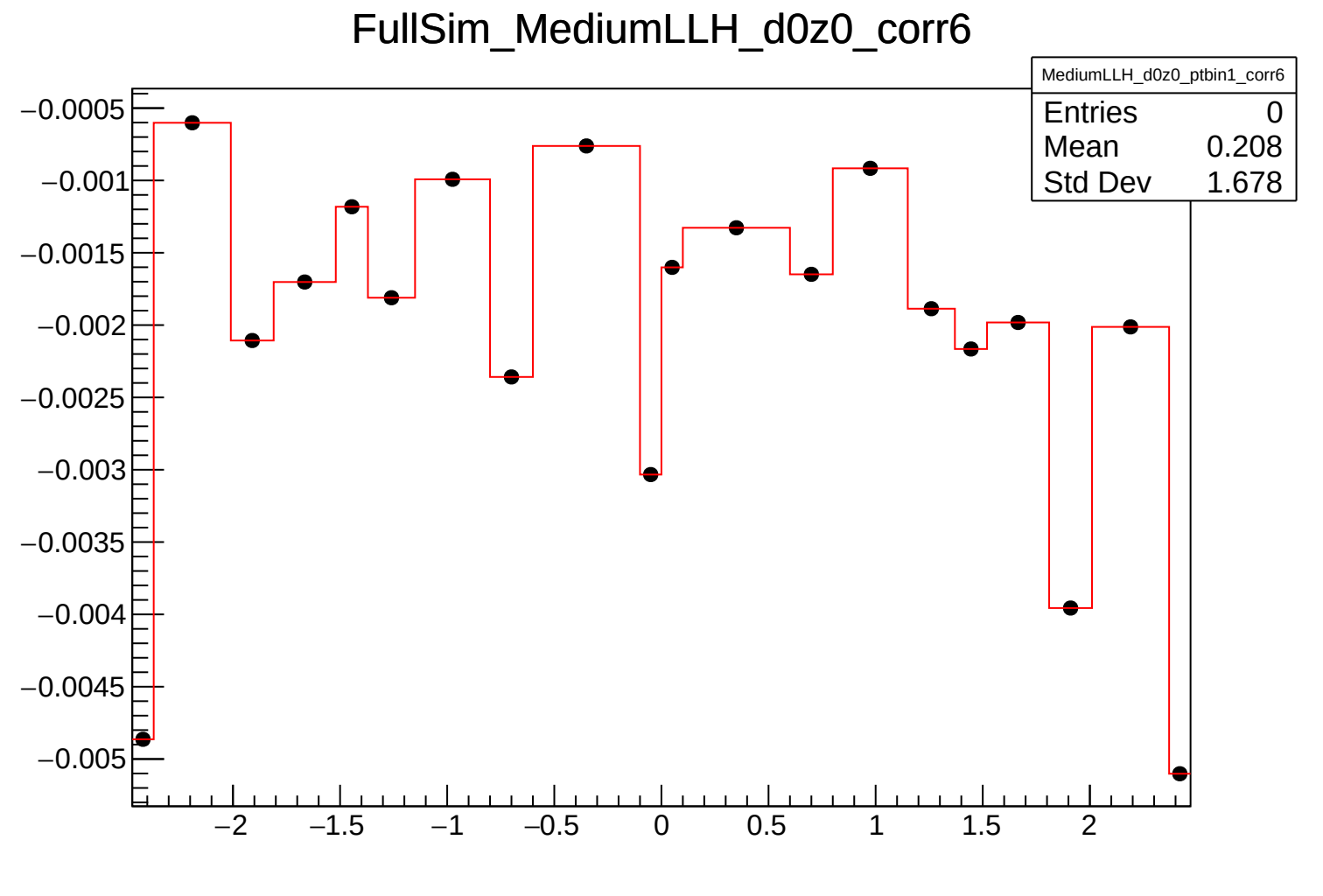
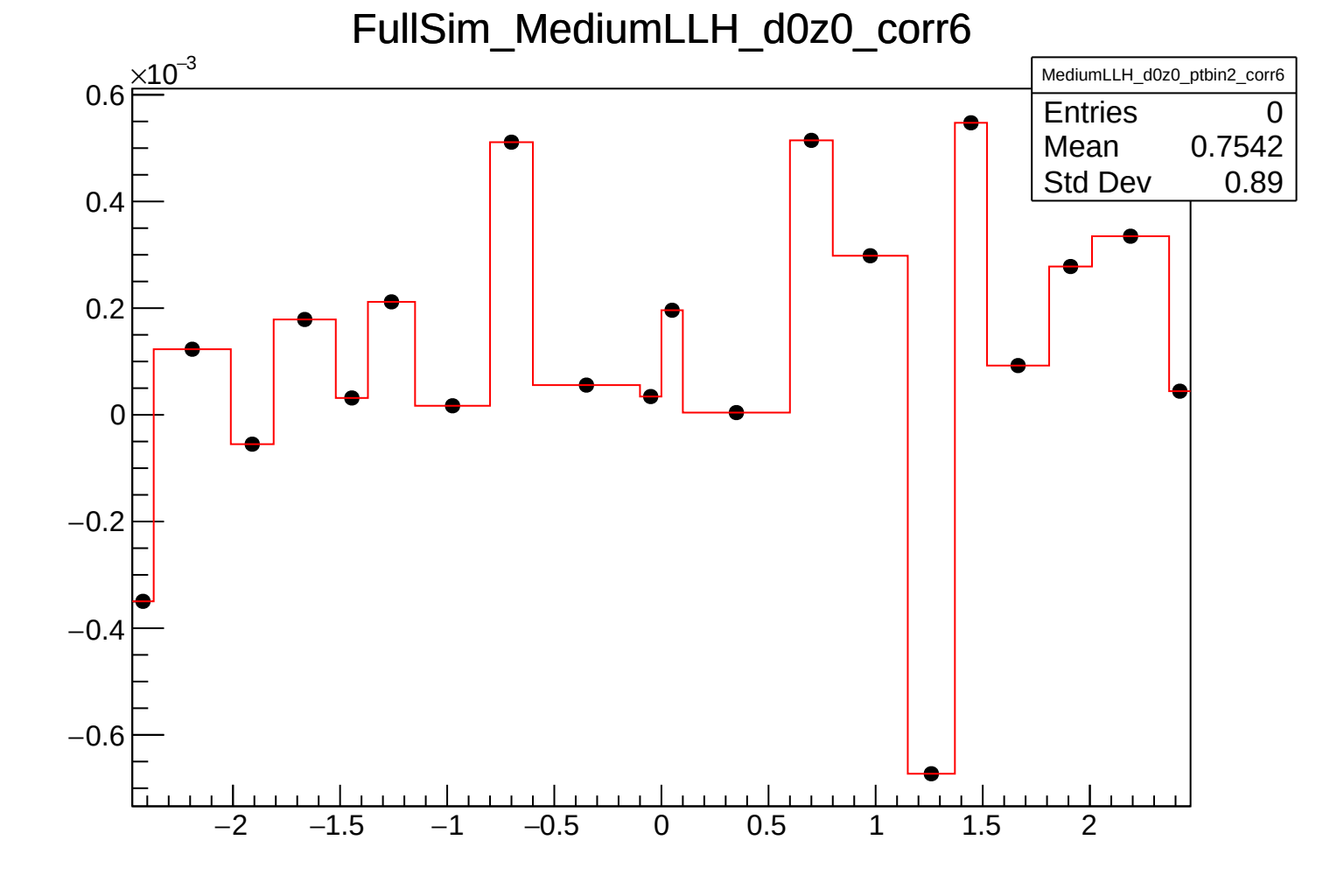
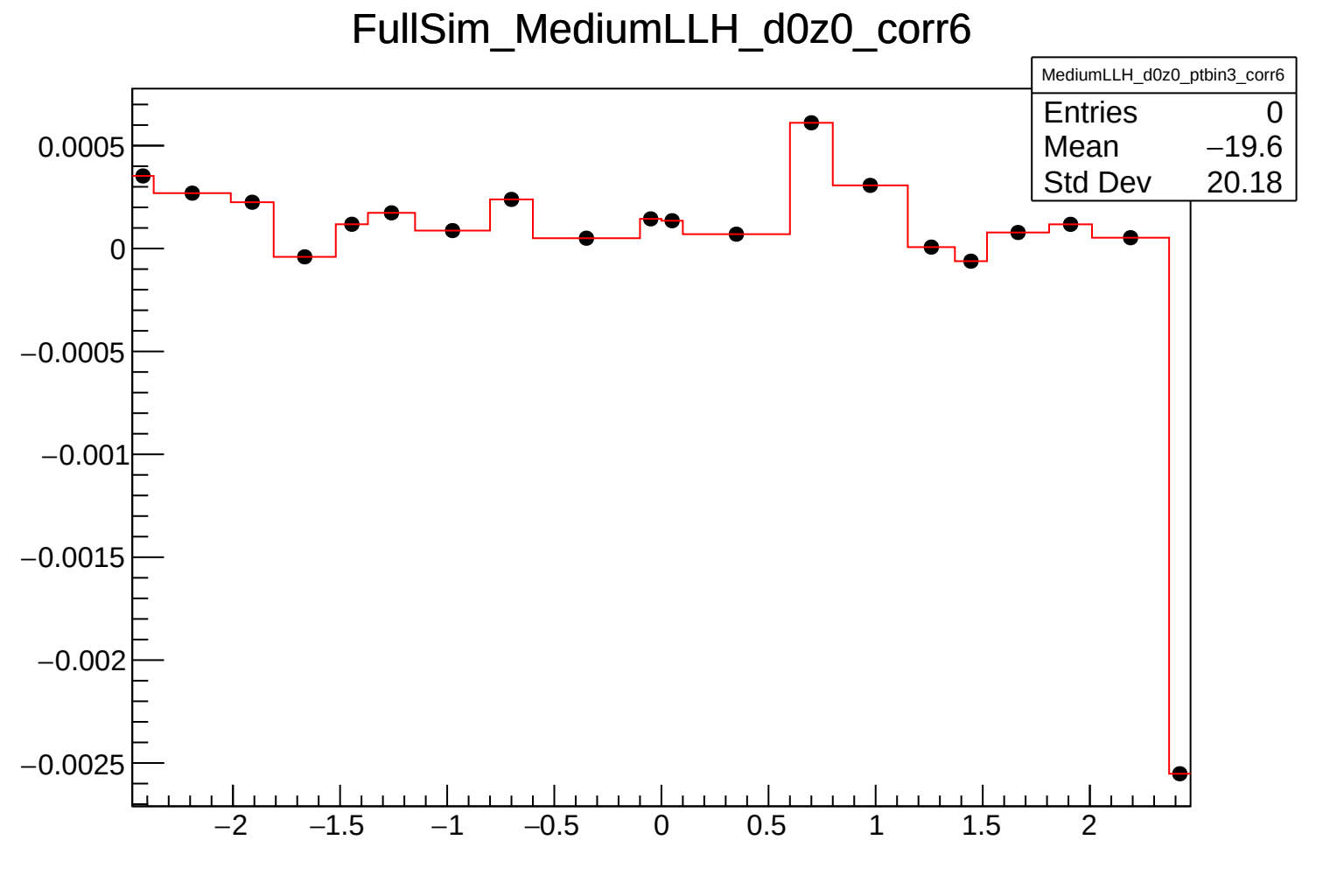
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr6
MediumLLH_d0z0_ptbin1_corr6
Entries 0
Mean 0.208
Std Dev 1.678
−0.0005
−0.001
−0.0015
−0.002
−0.0025
−0.003
−0.0035
−0.004
−0.0045
−0.005
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr6
×10^−3
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2
MediumLLH_d0z0_ptbin2_corr6
Entries 0
Mean 0.7542
Std Dev 0.89


FullSim_MediumLLH_d0z0_corr6
MediumLLH_d0z0_ptbin3_corr6
Entries 0
Mean −19.6
Std Dev 20.18
0.0005
0
−0.0005
−0.001
−0.0015
−0.002
−0.0025
−2
−1.5
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−0.5
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1.5
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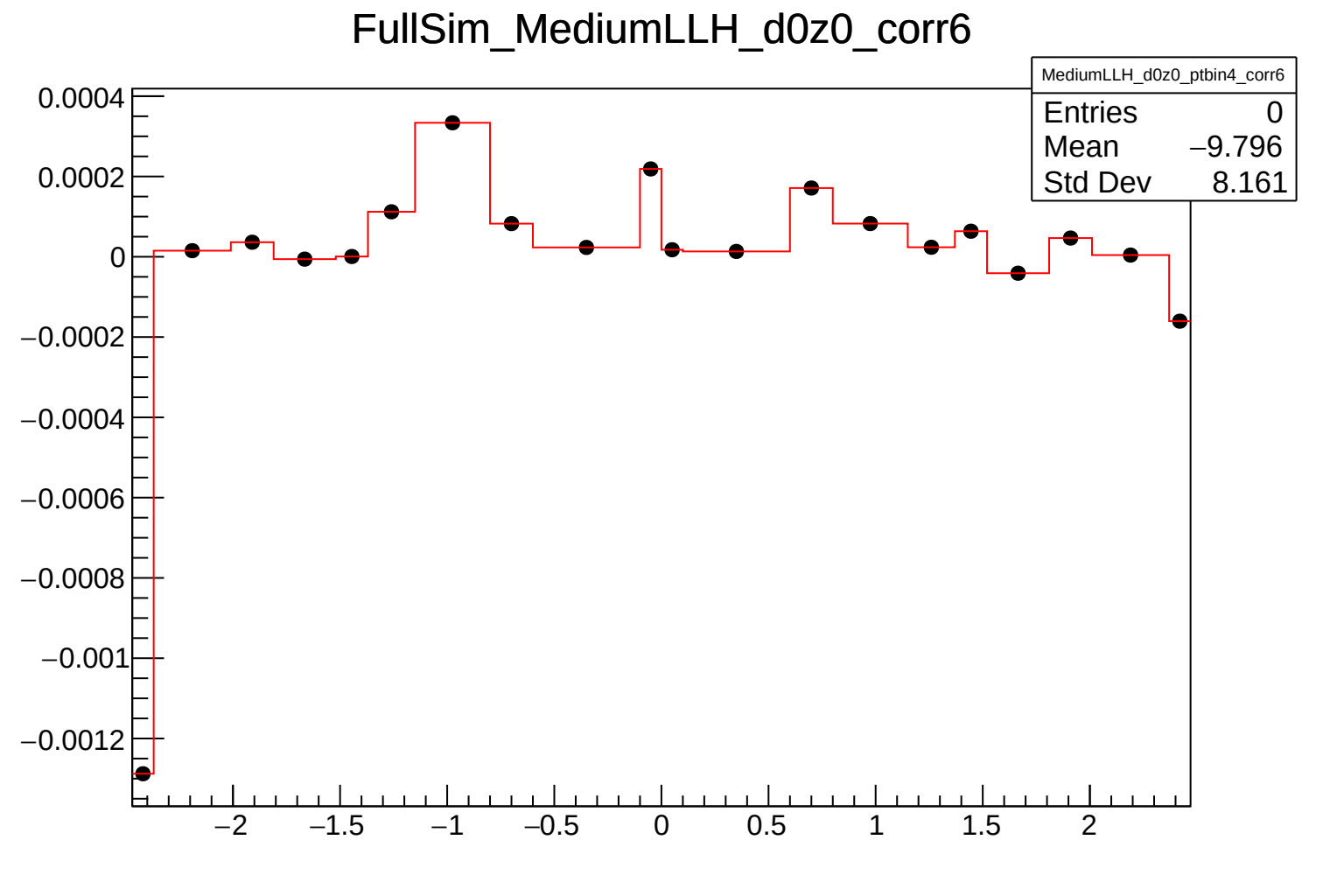
FullSim_MediumLLH_d0z0_corr6
MediumLLH_d0z0_ptbin4_corr6
Entries 0
Mean −9.796
Std Dev 8.161
0.0004
0.0002
0
−0.0002
−0.0004
−0.0006
−0.0008
−0.001
−0.0012
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−1.5
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−0.5
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0.5
1
1.5
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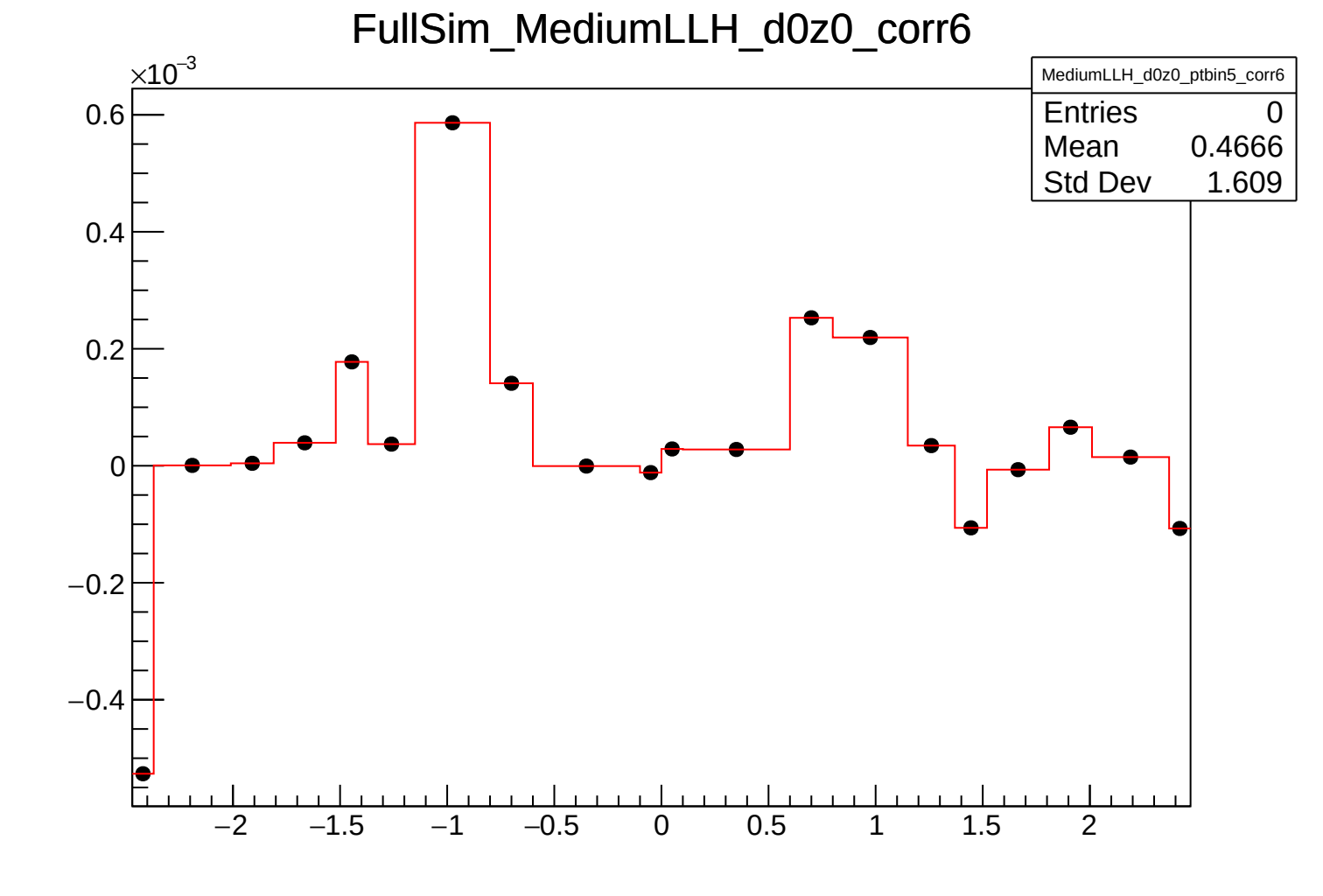
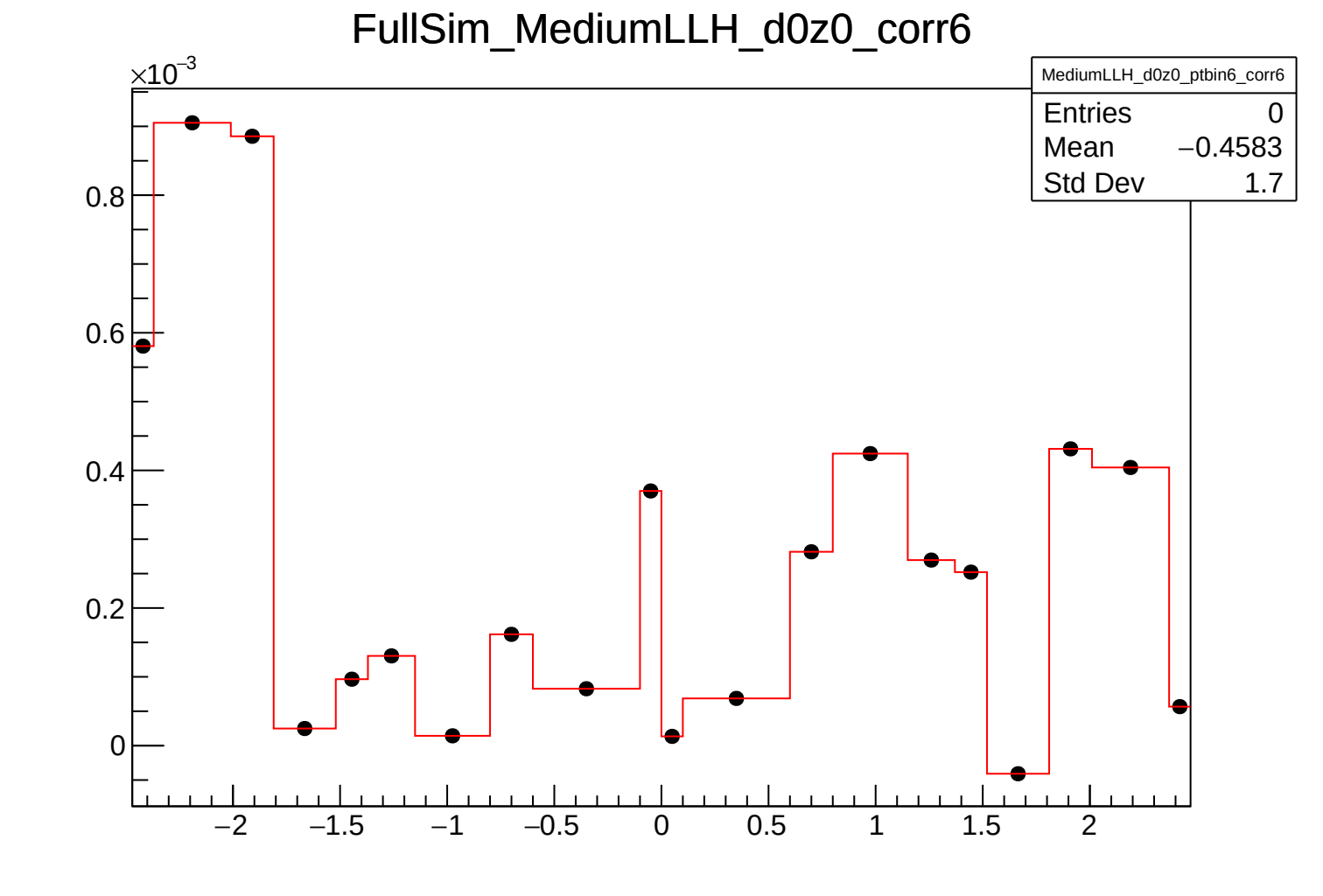

FullSim_MediumLLH_d0z0_corr6
×10^−3
MediumLLH_d0z0_ptbin5_corr6
Entries 0
Mean 0.4666
Std Dev 1.609
0.6
0.4
0.2
0
−0.2
−0.4
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr6
MediumLLH_d0z0_ptbin6_corr6
Entries 0
Mean −0.4583
Std Dev 1.7
×10^−3
0.8
0.6
0.4
0.2
0
−2
−1.5
−1
−0.5
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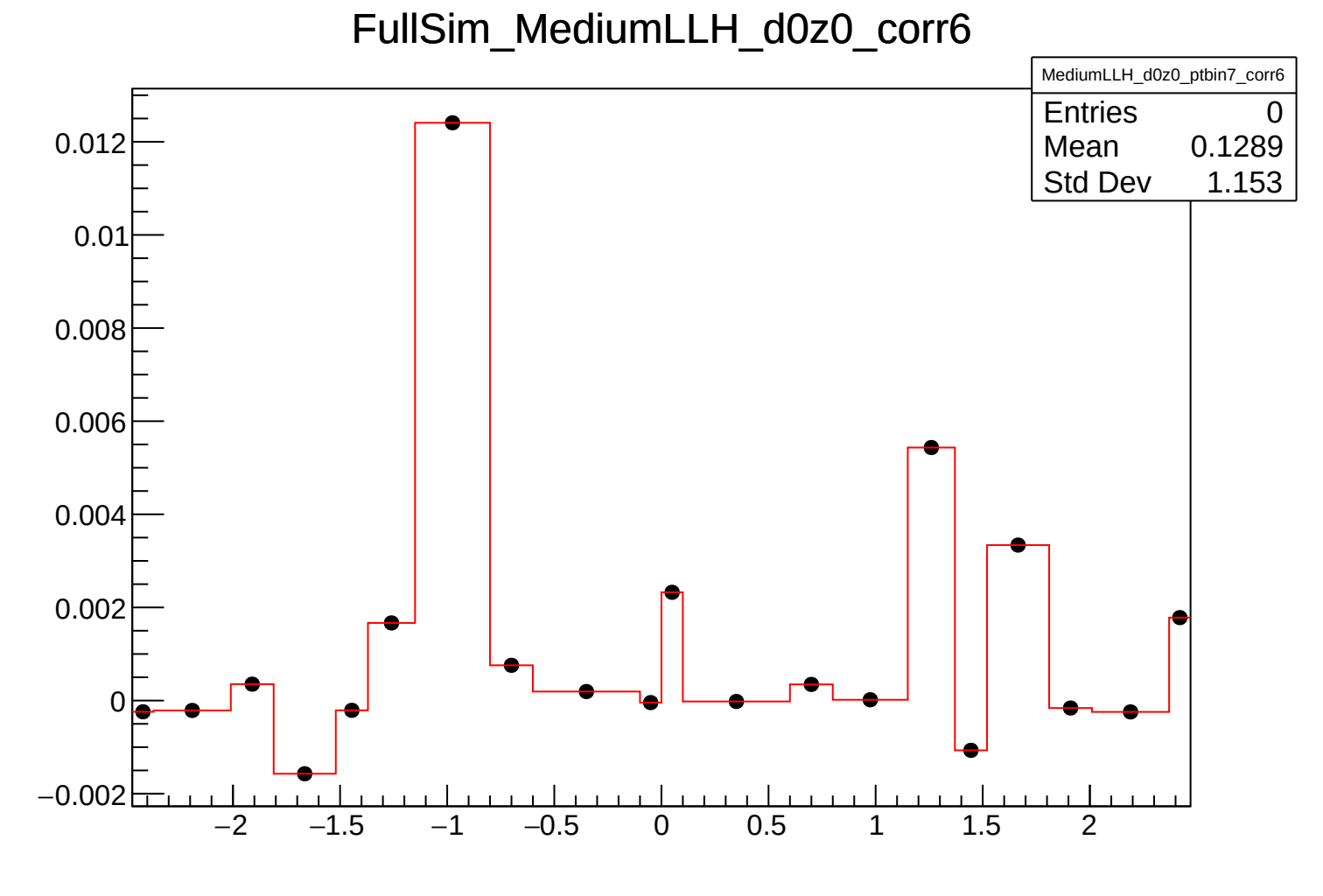
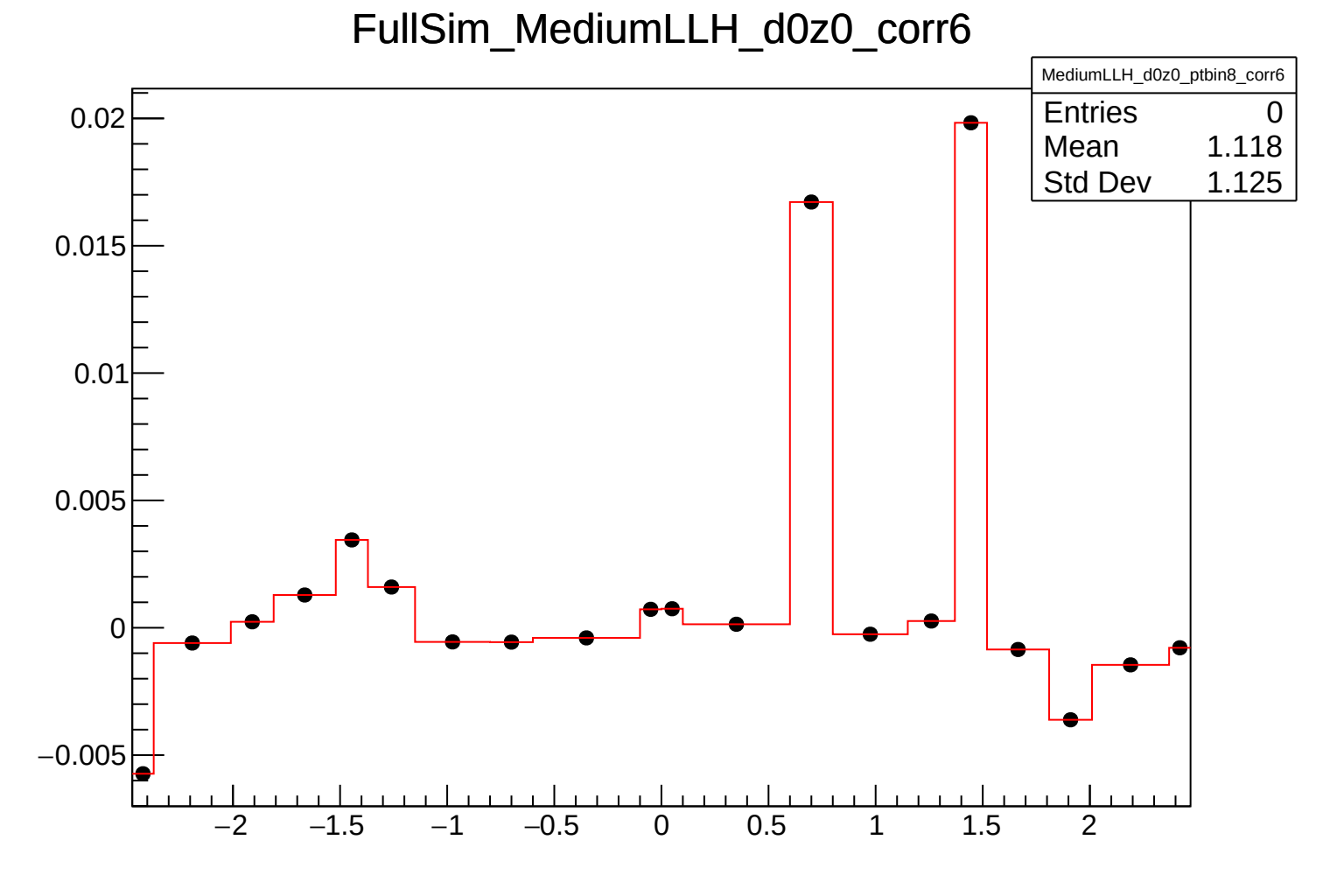
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr6
MediumLLH_d0z0_ptbin7_corr6
Entries 0
Mean 0.1289
Std Dev 1.153
0.012
0.01
0.008
0.006
0.004
0.002
0
−0.002
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr6
MediumLLH_d0z0_ptbin8_corr6
Entries 0
Mean 1.118
Std Dev 1.125
0.02
0.015
0.01
0.005
0
−0.005
−2
−1.5
−1
−0.5
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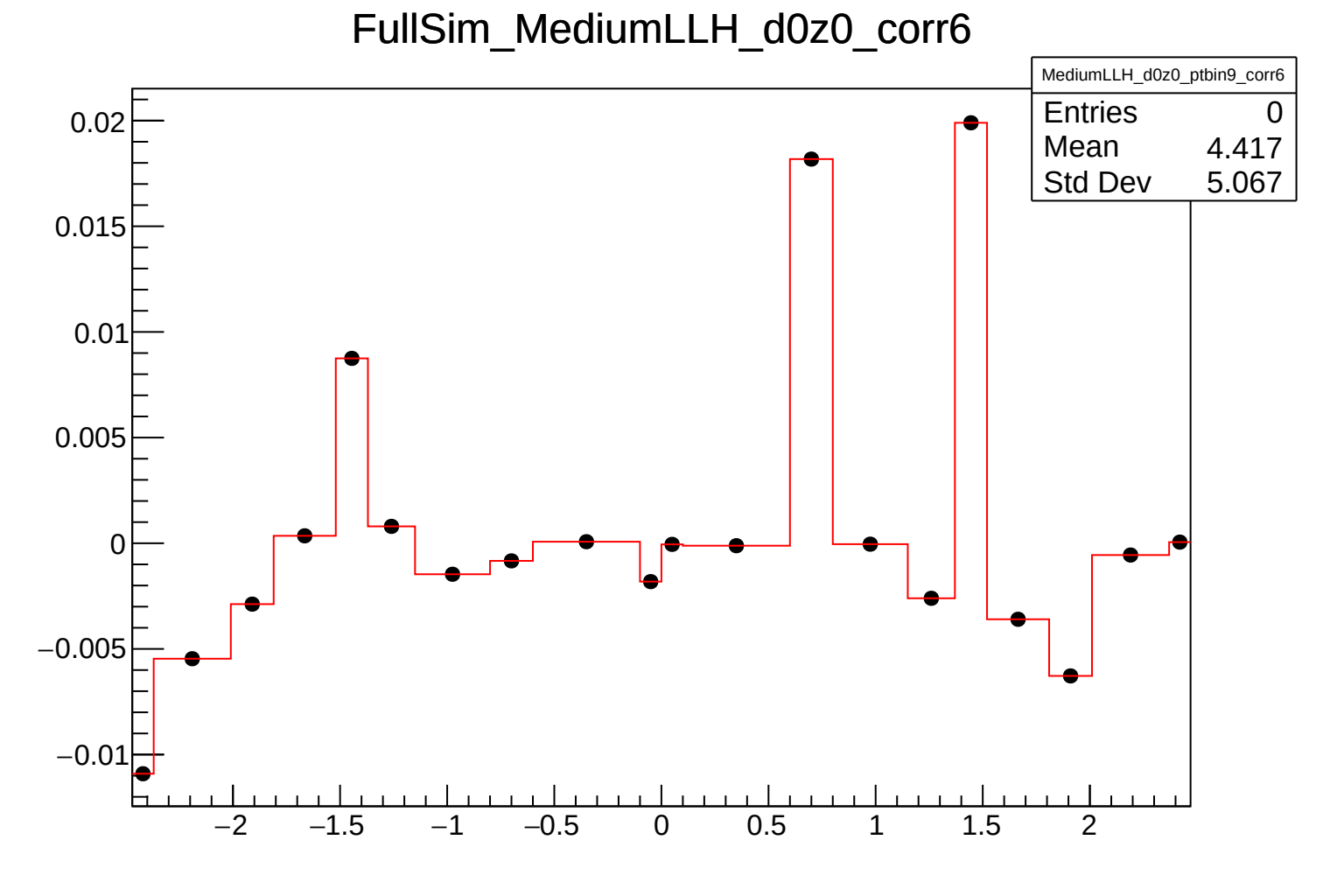
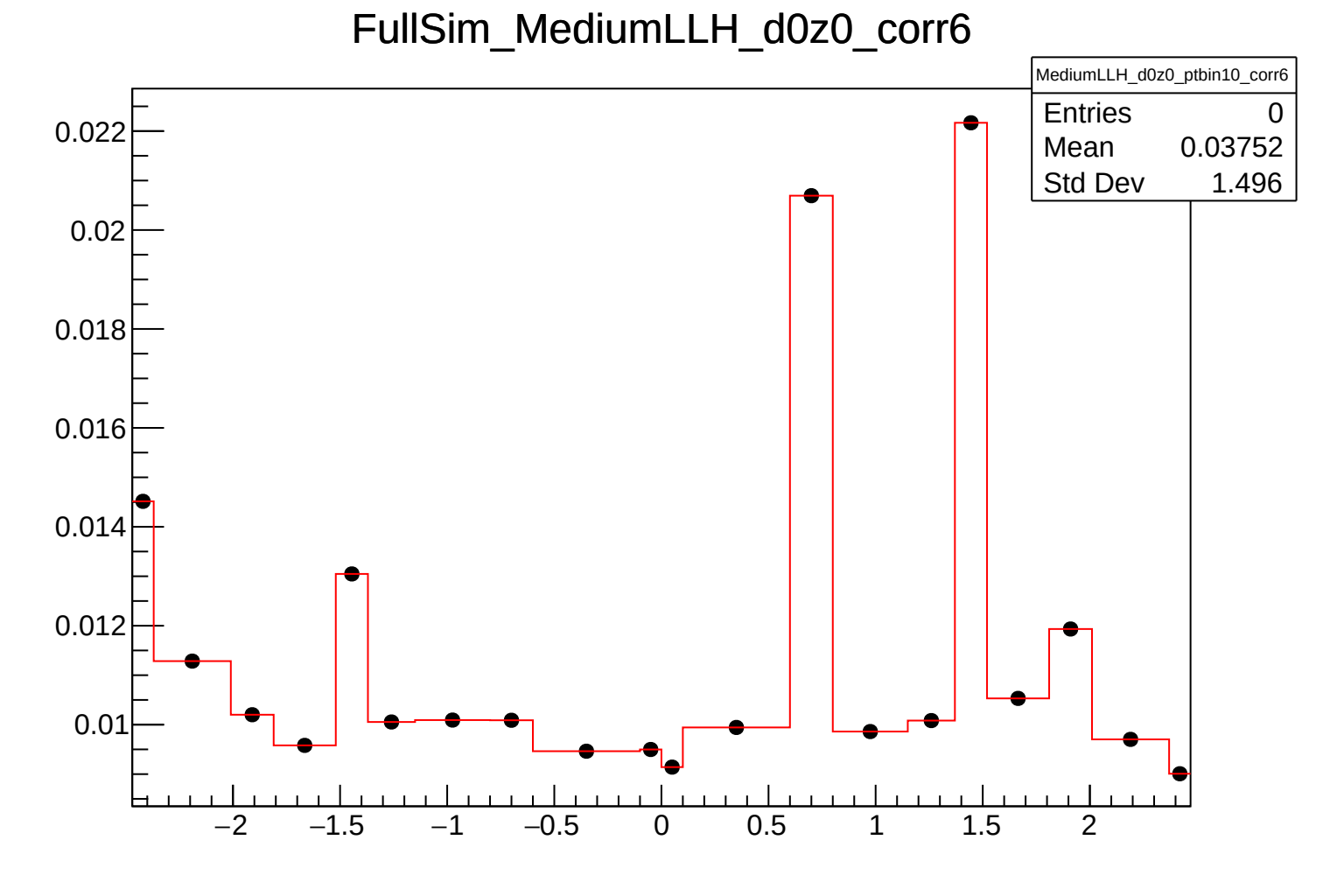
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr6
MediumLLH_d0z0_ptbin9_corr6
Entries 0
Mean 4.417
Std Dev 5.067
0.02
0.015
0.01
0.005
0
−0.005
−0.01
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr6
MediumLLH_d0z0_ptbin10_corr6
Entries 0
Mean 0.03752
Std Dev 1.496
0.022
0.02
0.018
0.016
0.014
0.012
0.01
−2
−1.5
−1
−0.5
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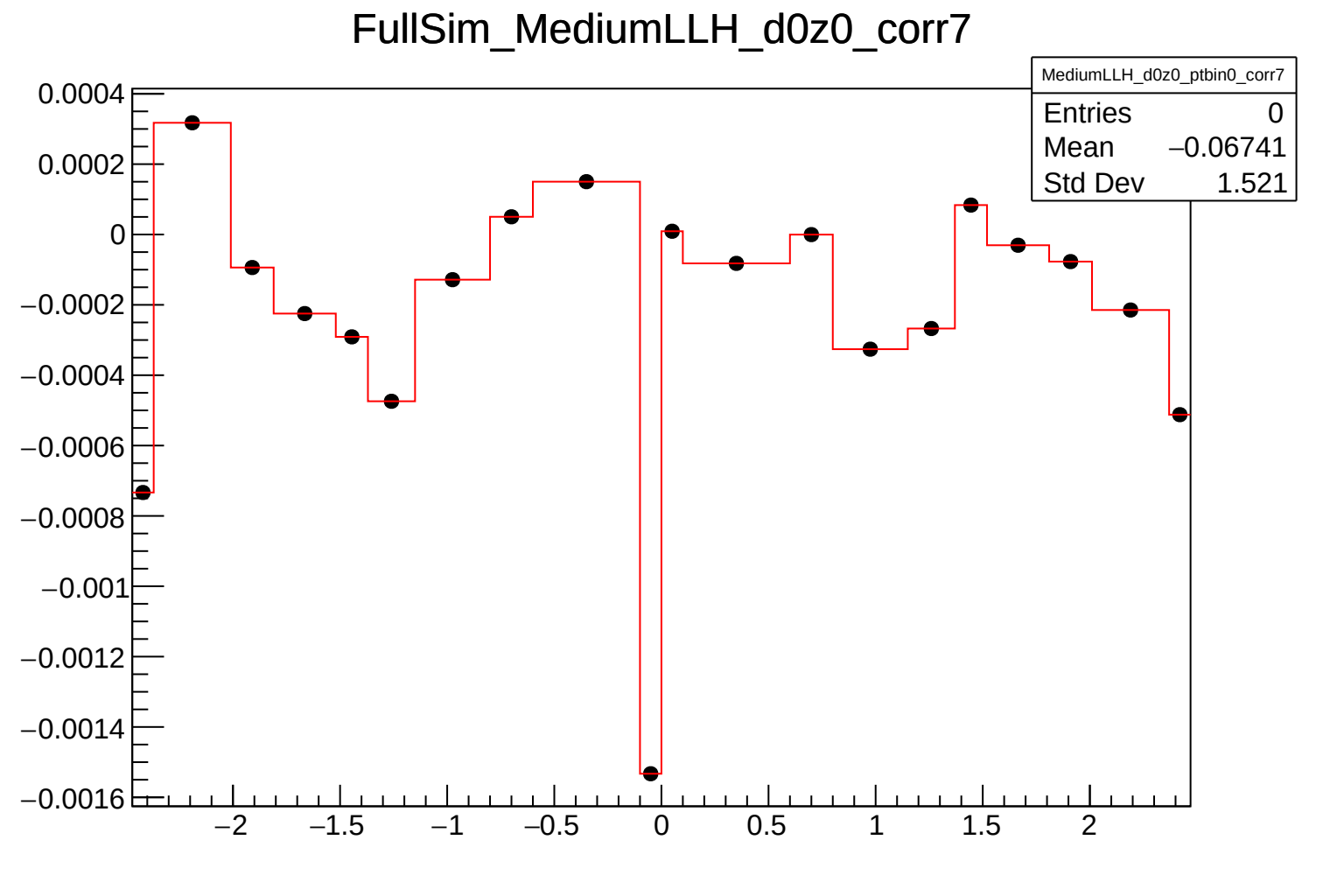
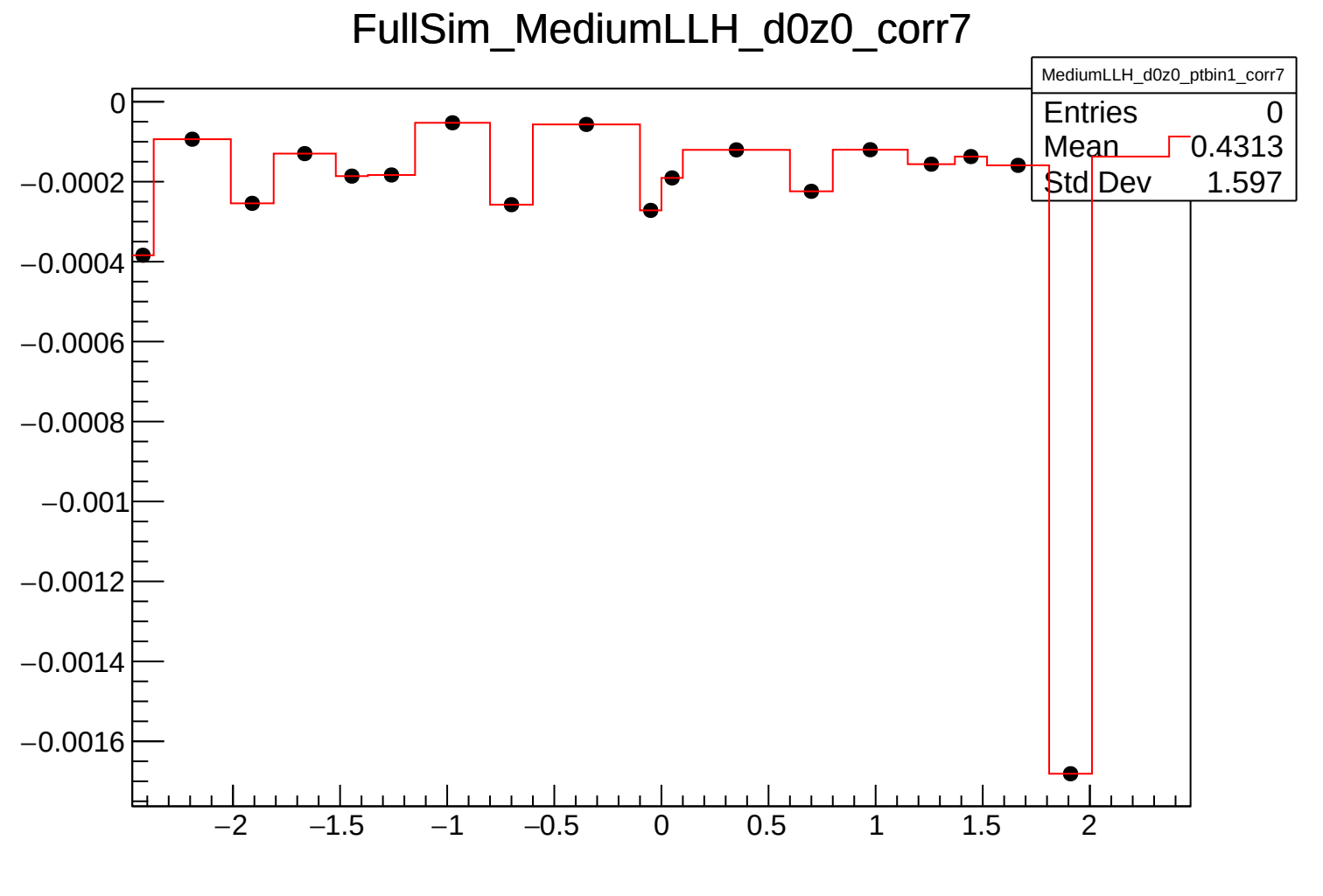
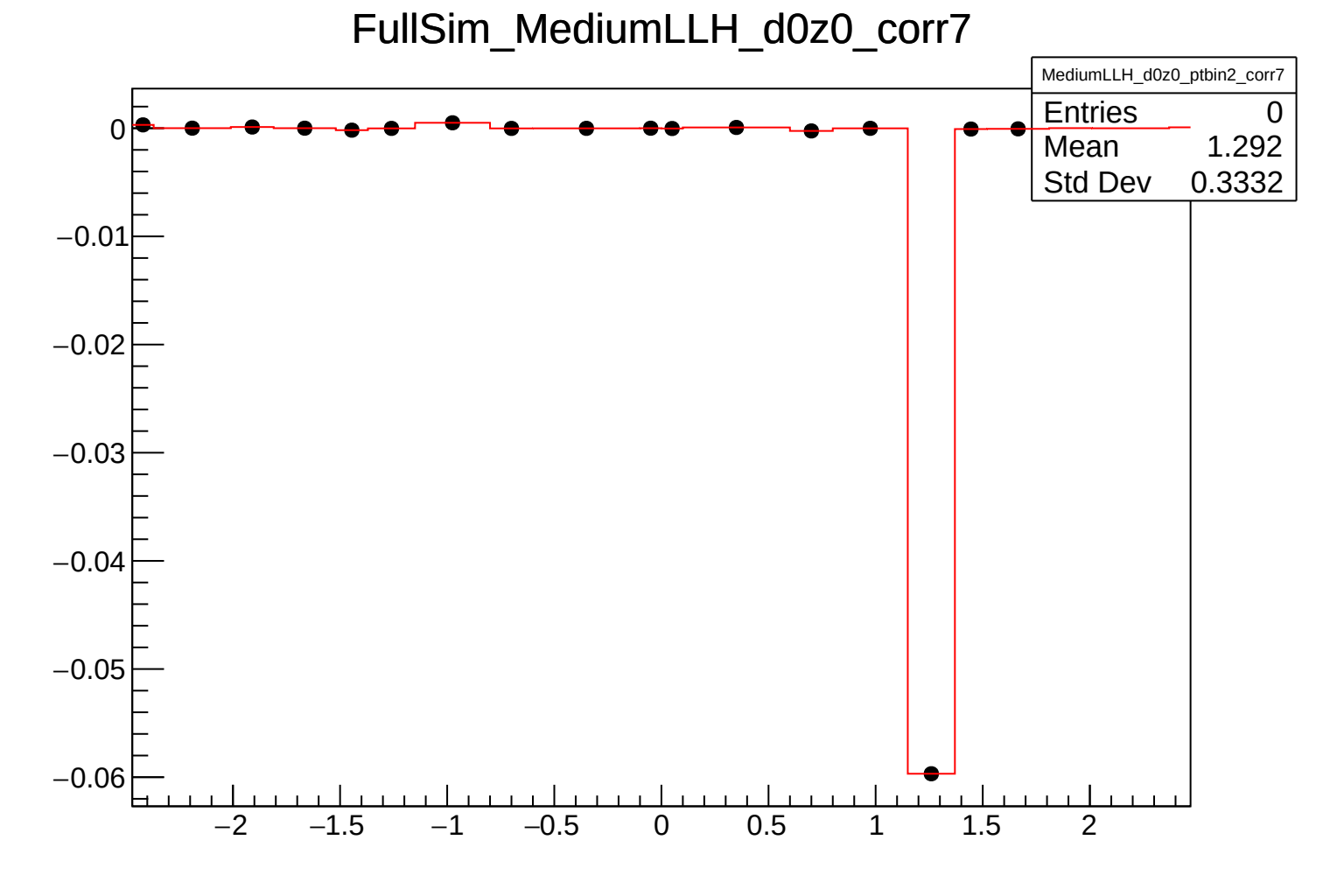
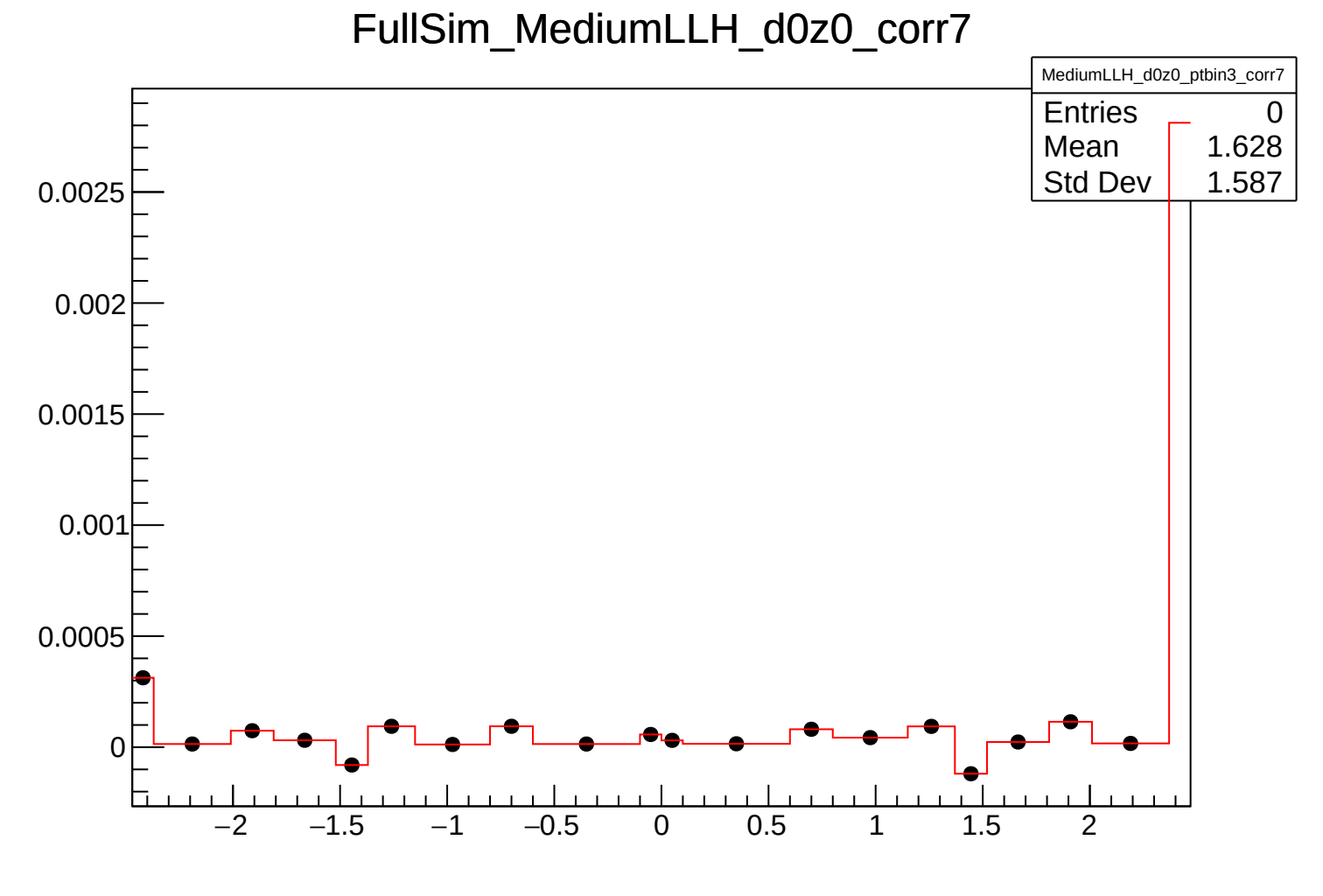
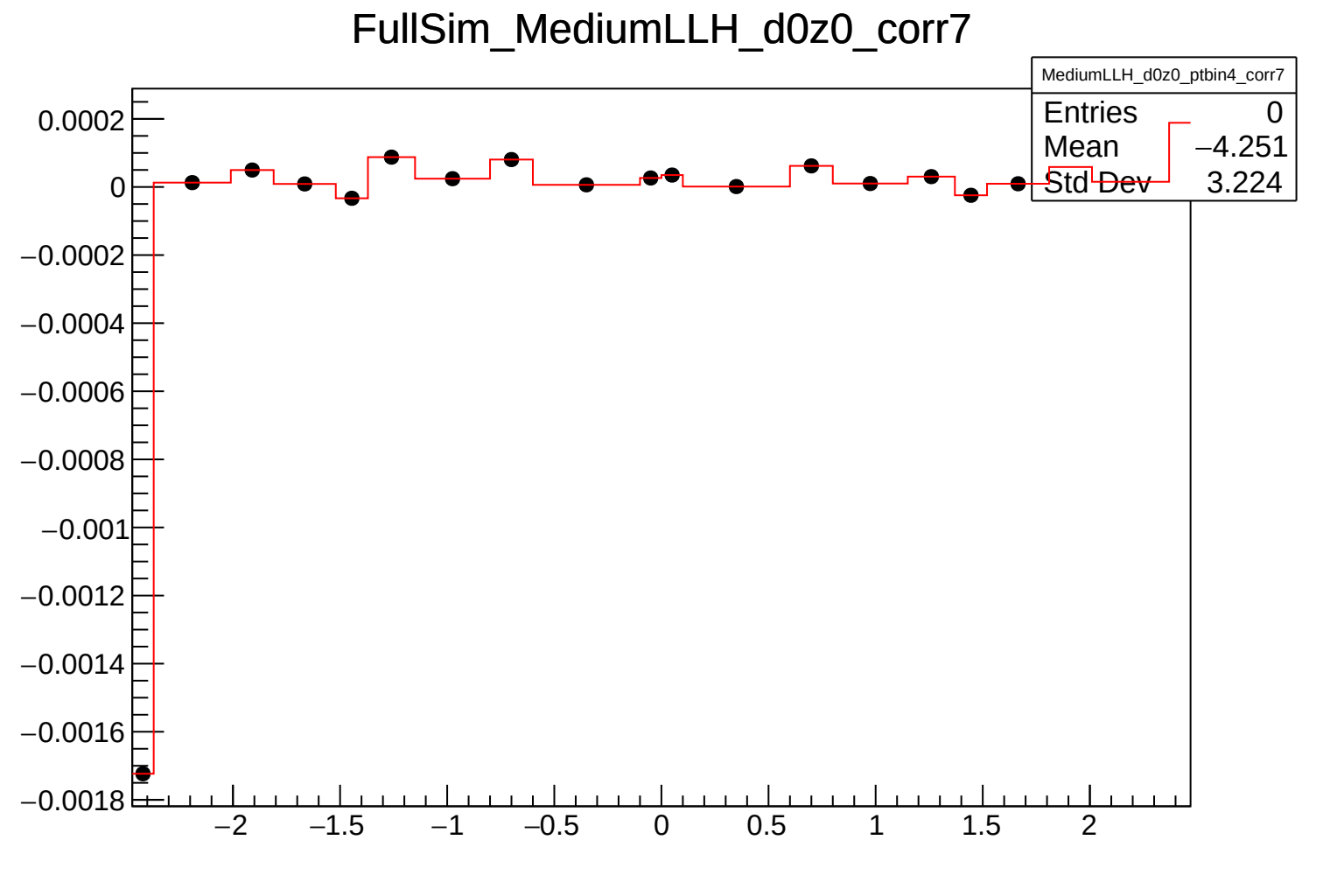
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr7
MediumLLH_d0z0_ptbin0_corr7
Entries 0
Mean −0.06741
Std Dev 1.521
0.0004
0.0002
0
−0.0002
−0.0004
−0.0006
−0.0008
−0.001
−0.0012
−0.0014
−0.0016
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr7
MediumLLH_d0z0_ptbin1_corr7
Entries 0
Mean 0.4313
Std Dev 1.597
0
−0.0002
−0.0004
−0.0006
−0.0008
−0.001
−0.0012
−0.0014
−0.0016
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr7
MediumLLH_d0z0_ptbin2_corr7
Entries 0
Mean 1.292
Std Dev 0.3332
0
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr7
MediumLLH_d0z0_ptbin3_corr7
Entries 0
Mean 1.628
Std Dev 1.587
0.0025
0.002
0.0015
0.001
0.0005
0
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr7
MediumLLH_d0z0_ptbin4_corr7
Entries 0
Mean −4.251
Std Dev 3.224
0.0002
0
−0.0002
−0.0004
−0.0006
−0.0008
−0.001
−0.0012
−0.0014
−0.0016
−0.0018
−2
−1.5
−1
−0.5
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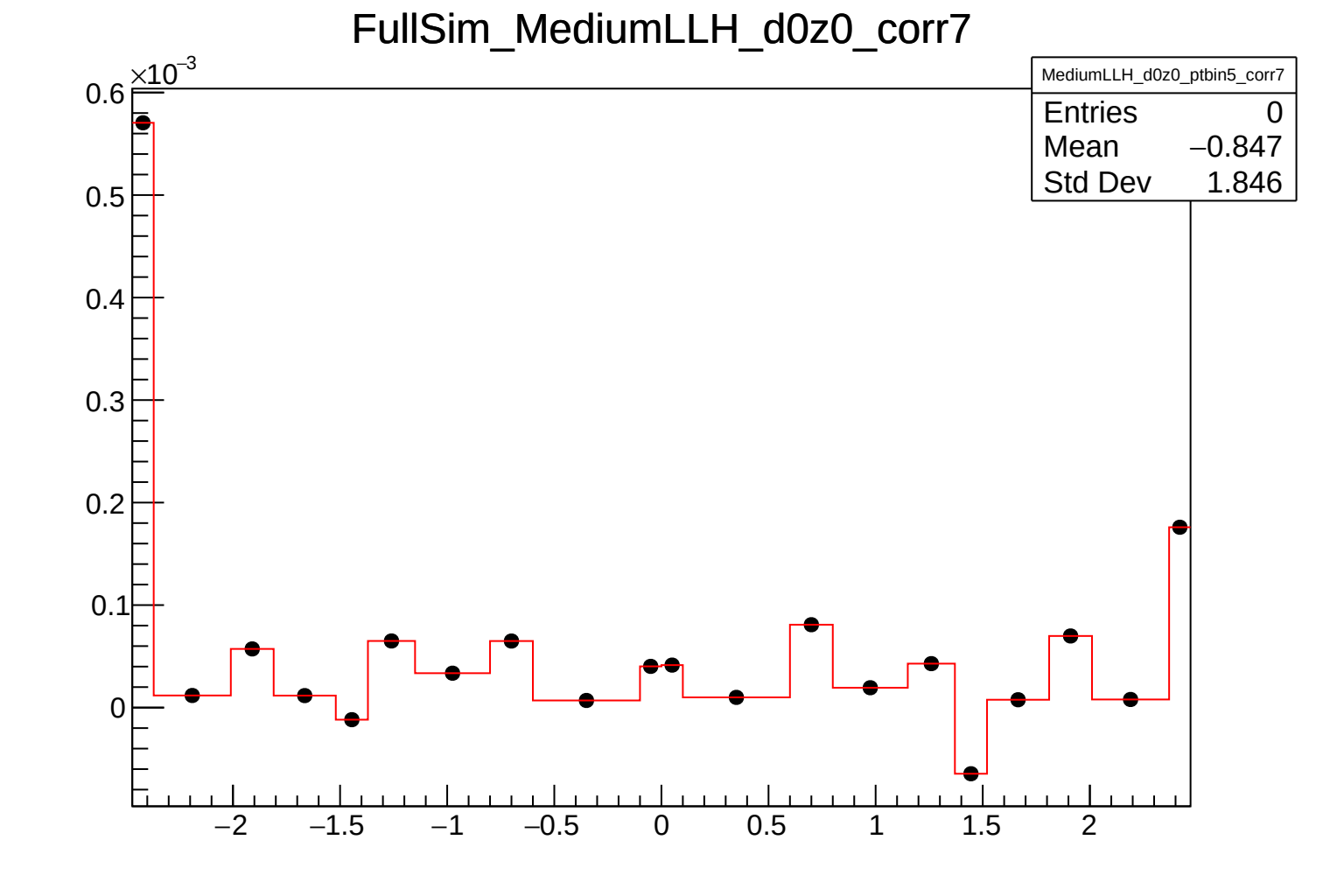
1
1.5
2


FullSim_MediumLLH_d0z0_corr7
×10⁻³
MediumLLH_d0z0_ptbin5_corr7
Entries 0
Mean −0.847
Std Dev 1.846
0.6
0.5
0.4
0.3
0.2
0.1
0
−2
−1.5
−1
−0.5
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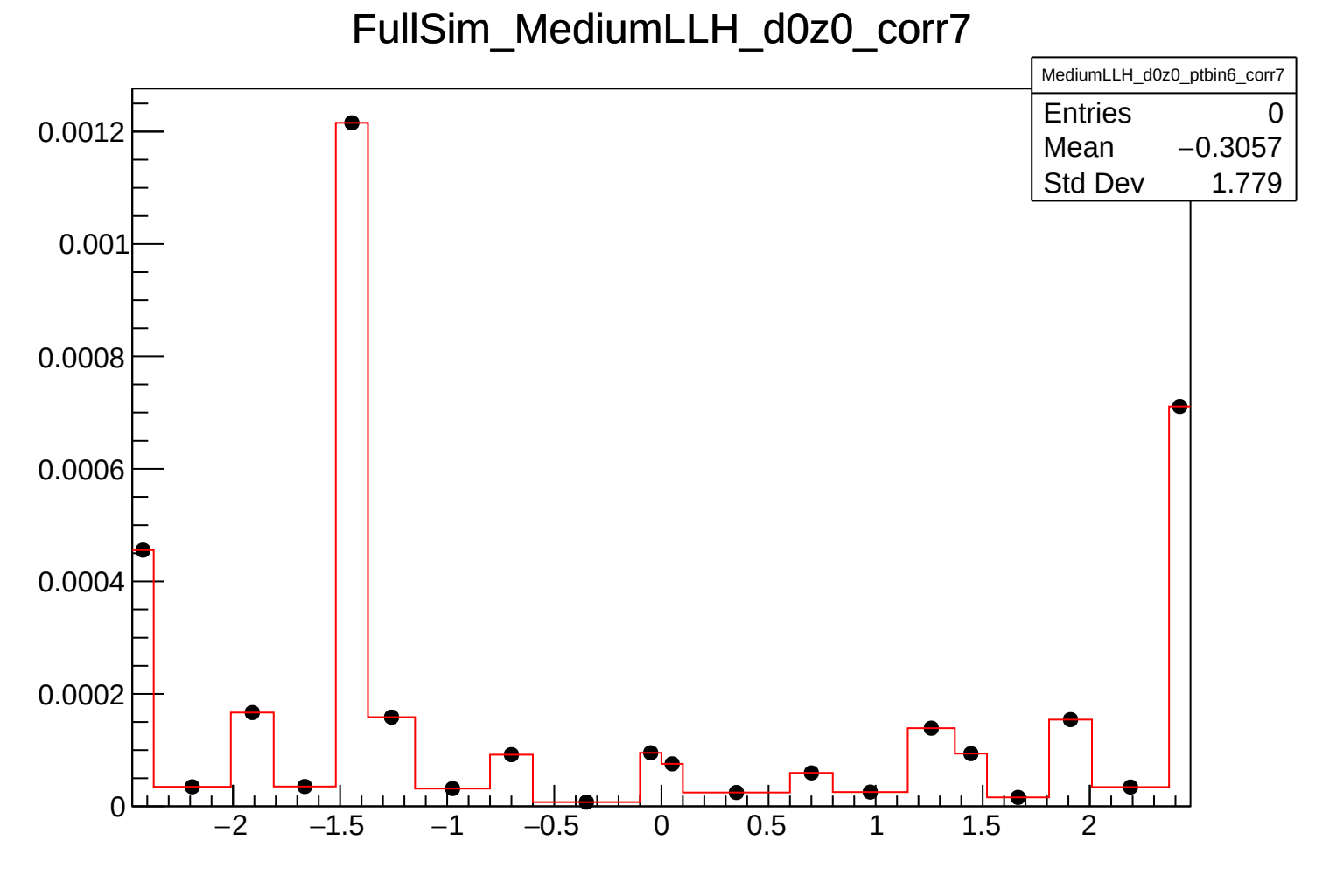
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr7
MediumLLH_d0z0_ptbin6_corr7
Entries 0
Mean −0.3057
Std Dev 1.779
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
0
−2
−1.5
−1
−0.5
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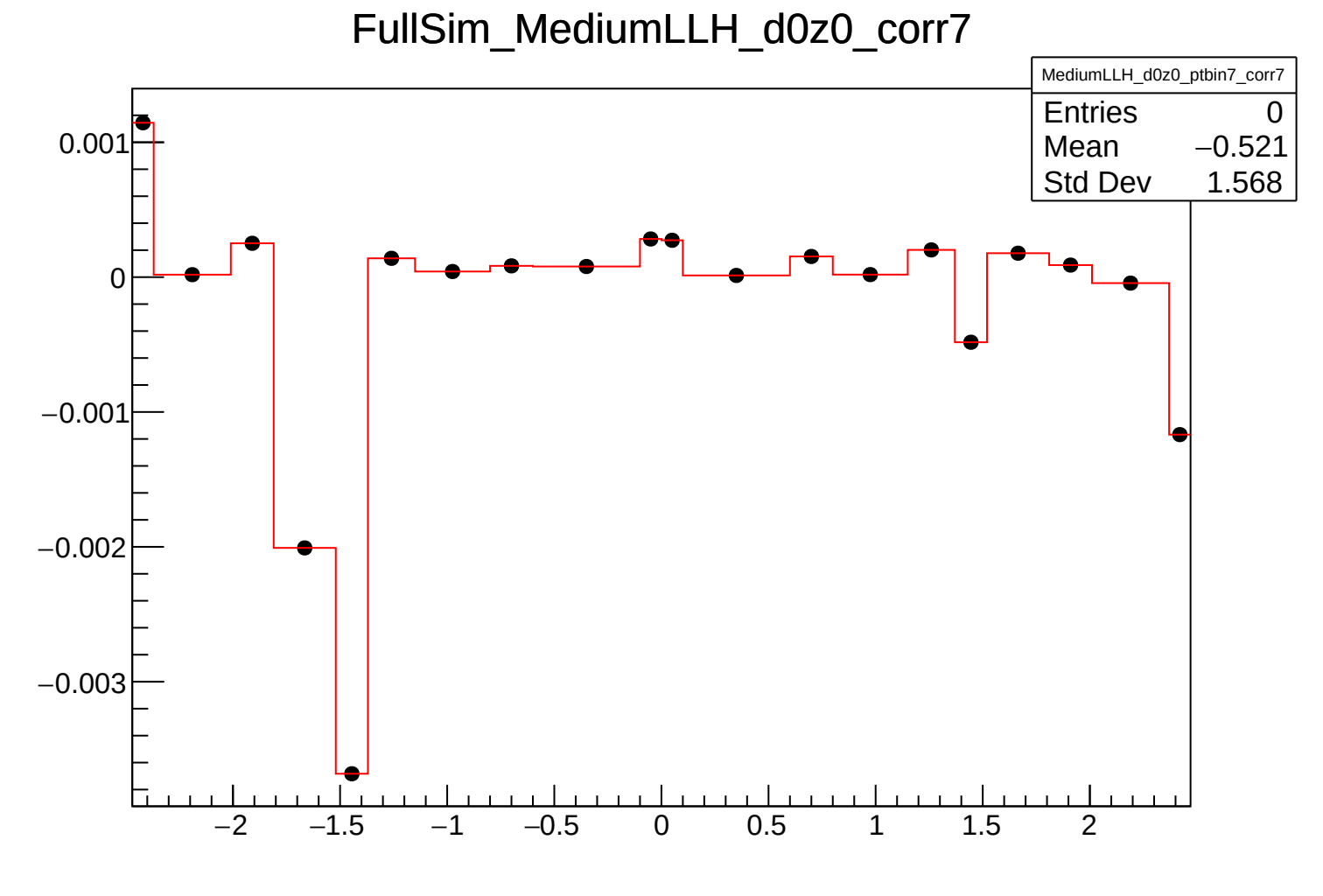
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr7
MediumLLH_d0z0_ptbin7_corr7
Entries 0
Mean −0.521
Std Dev 1.568
0.001
0
−0.001
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−0.003
−2
−1.5
−1
−0.5
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1.5
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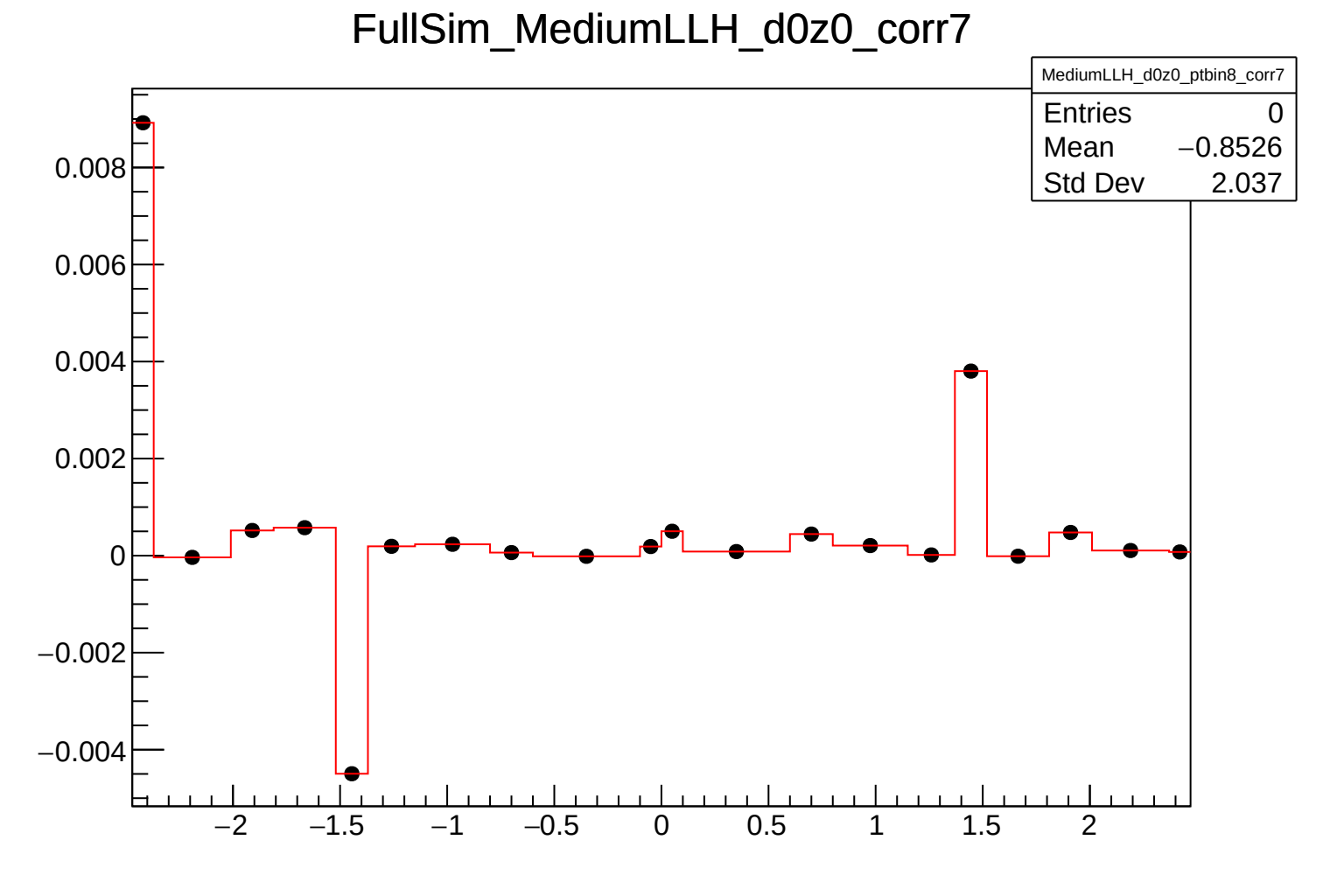
FullSim_MediumLLH_d0z0_corr7
MediumLLH_d0z0_ptbin8_corr7
Entries 0
Mean −0.8526
Std Dev 2.037
0.008
0.006
0.004
0.002
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−0.004
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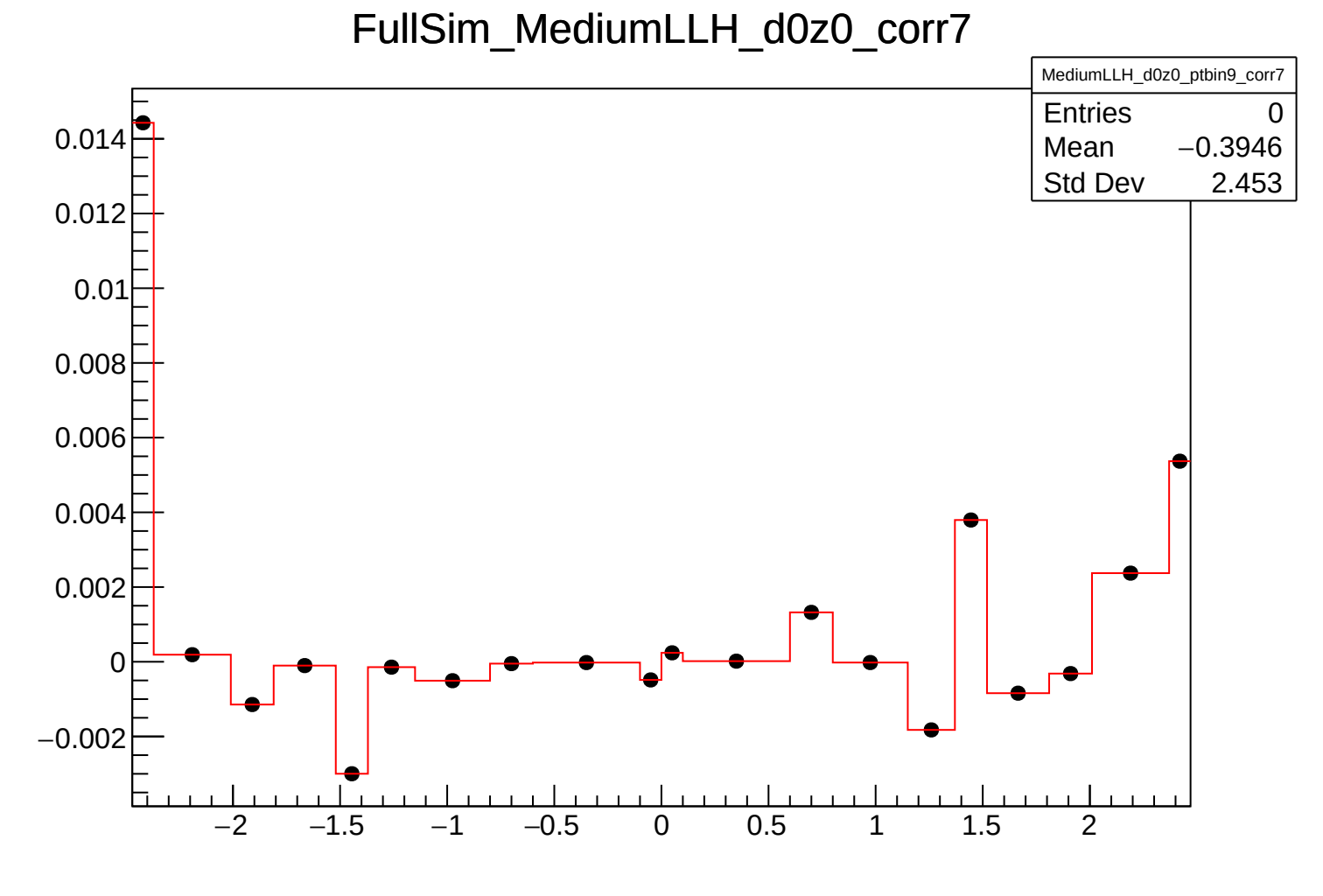
1
1.5
2


FullSim_MediumLLH_d0z0_corr7
MediumLLH_d0z0_ptbin9_corr7
Entries 0
Mean −0.3946
Std Dev 2.453
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
−0.002
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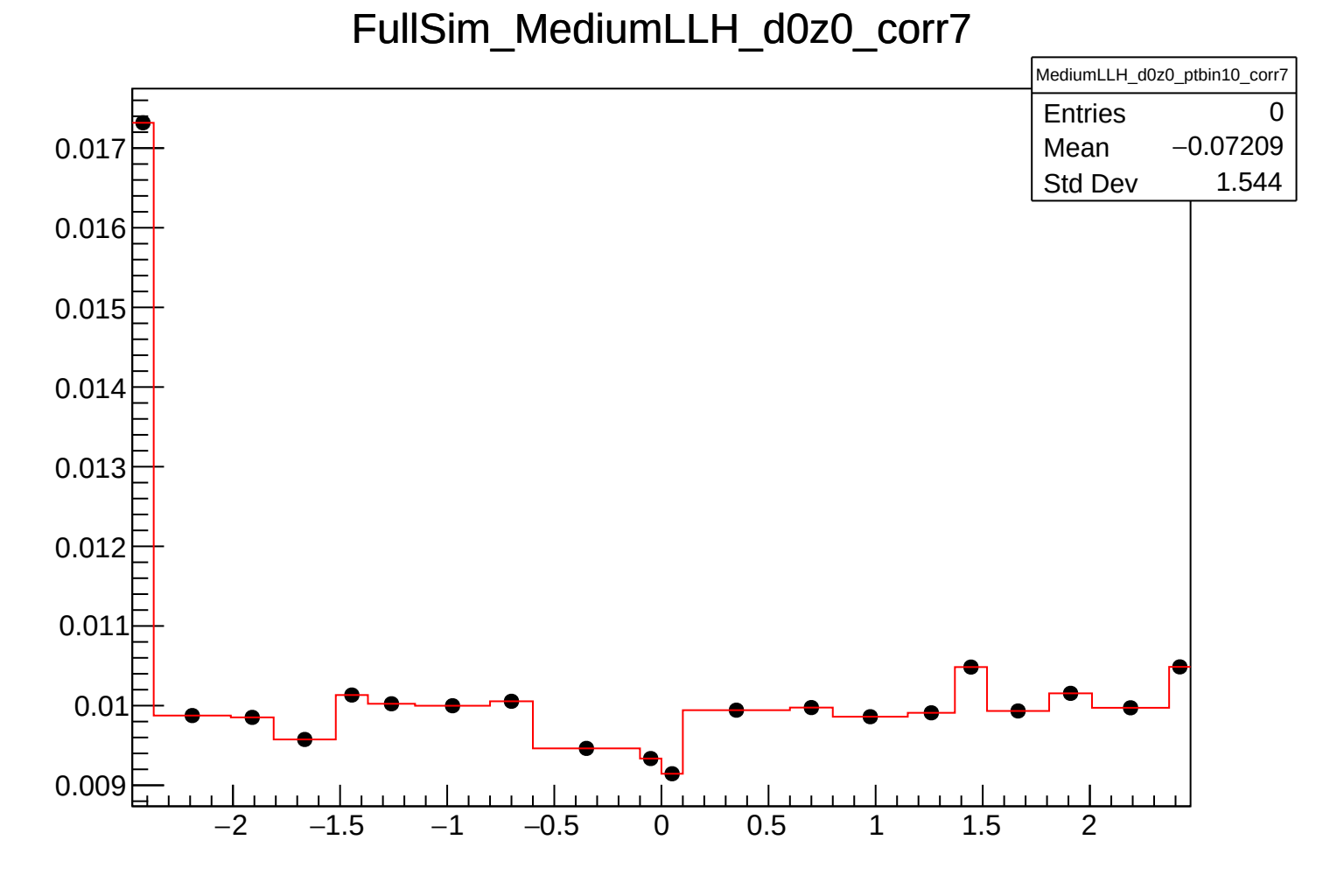
1
1.5
2


FullSim_MediumLLH_d0z0_corr7
MediumLLH_d0z0_ptbin10_corr7
Entries 0
Mean −0.07209
Std Dev 1.544
0.017
0.016
0.015
0.014
0.013
0.012
0.011
0.01
0.009
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−1.5
−1
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0.5
1
1.5
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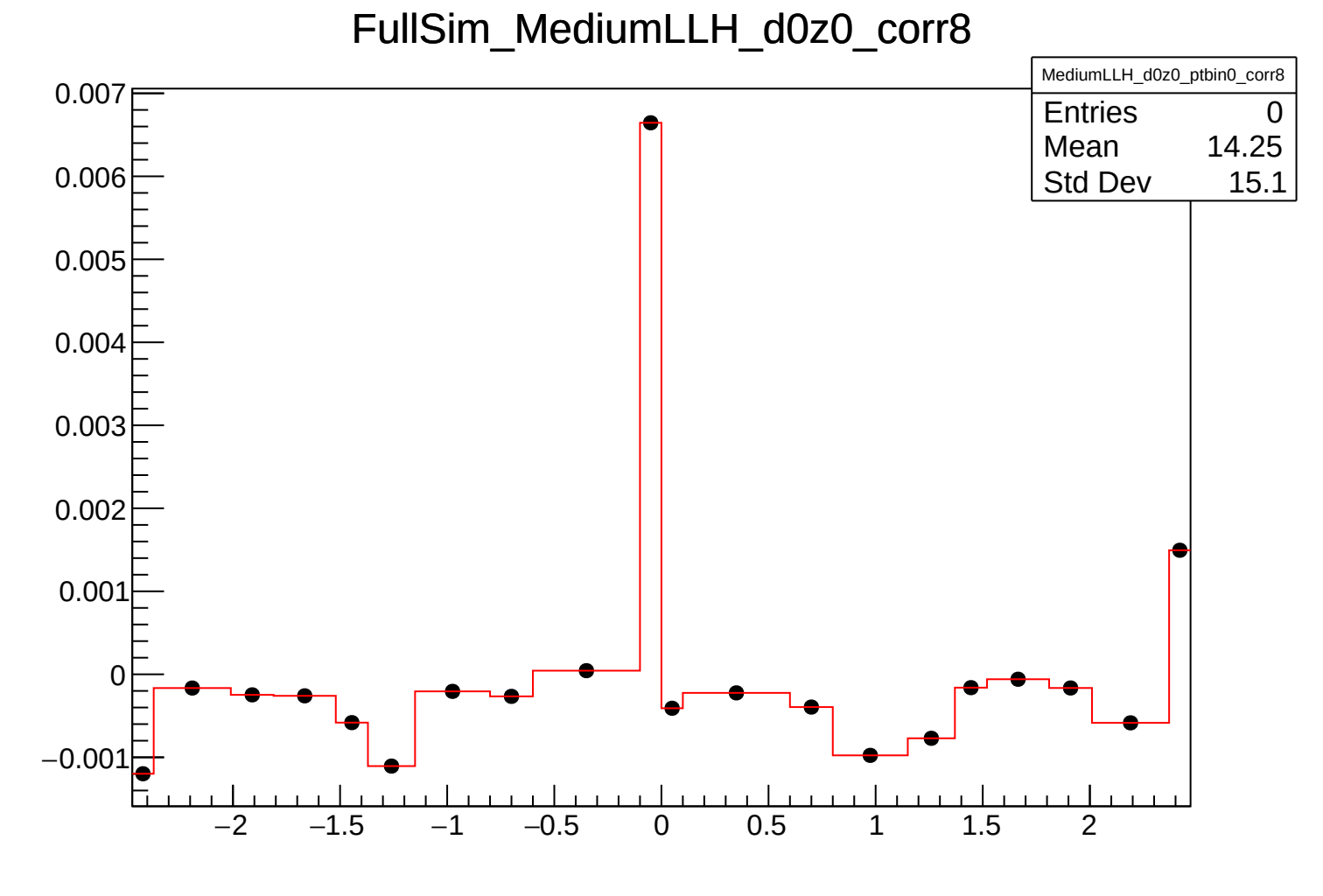
FullSim_MediumLLH_d0z0_corr8
MediumLLH_d0z0_ptbin0_corr8
Entries 0
Mean 14.25
Std Dev 15.1
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
−0.001
−2
−1.5
−1
−0.5
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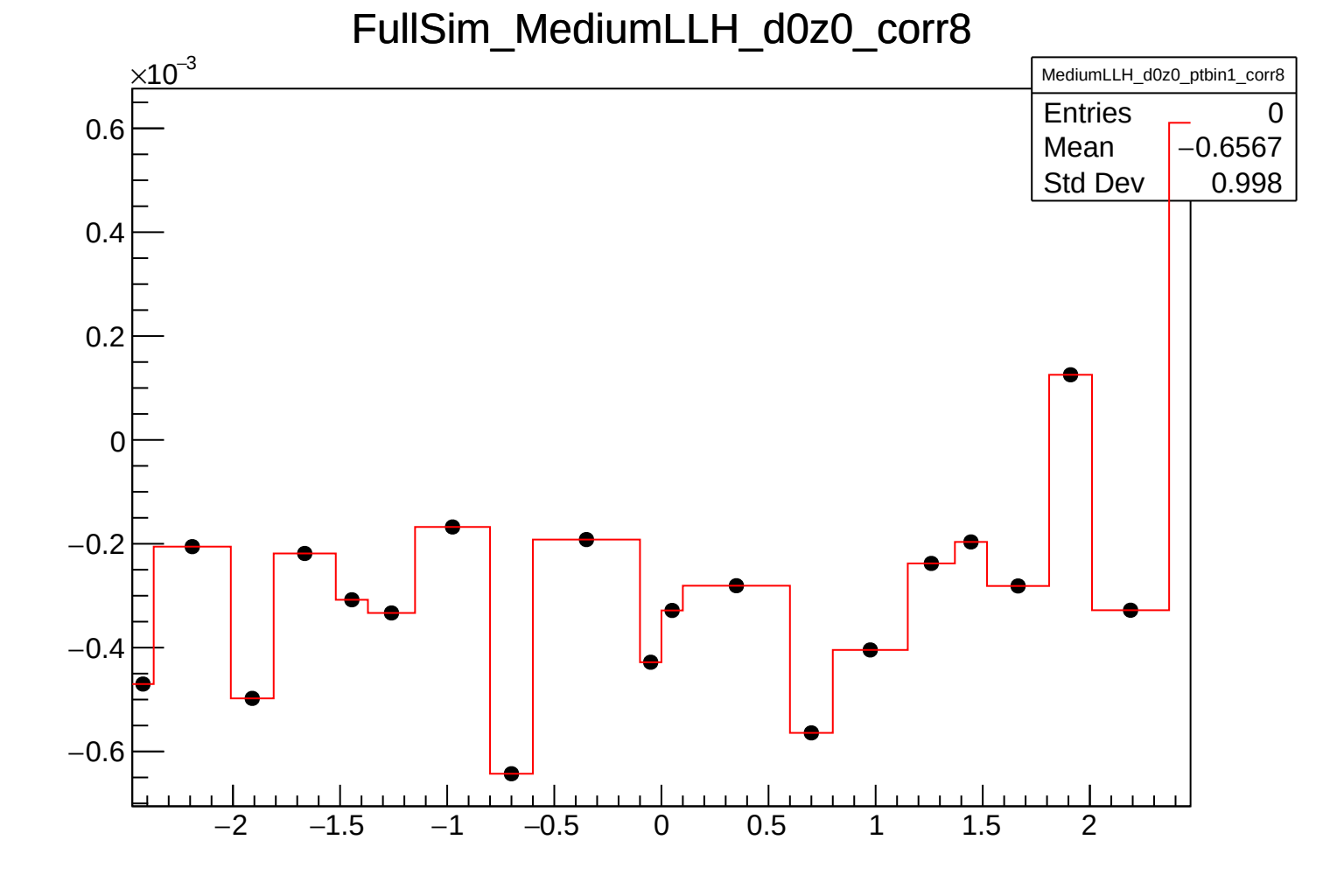
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr8
×10^−3
MediumLLH_d0z0_ptbin1_corr8
Entries 0
Mean −0.6567
Std Dev 0.998
0.6
0.4
0.2
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−0.2
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−0.6
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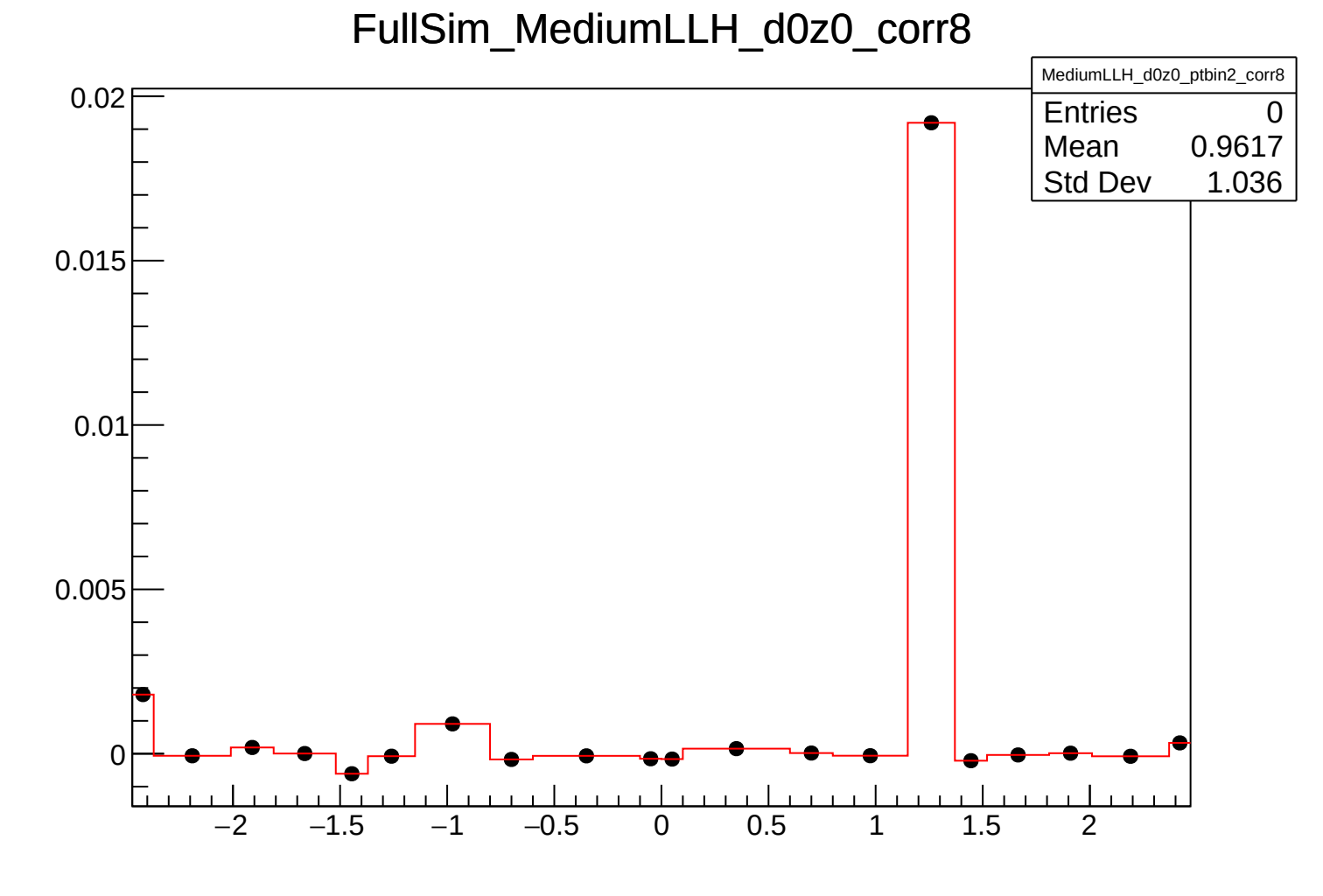
1
1.5
2


FullSim_MediumLLH_d0z0_corr8
MediumLLH_d0z0_ptbin2_corr8
Entries 0
Mean 0.9617
Std Dev 1.036
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0.01
0.005
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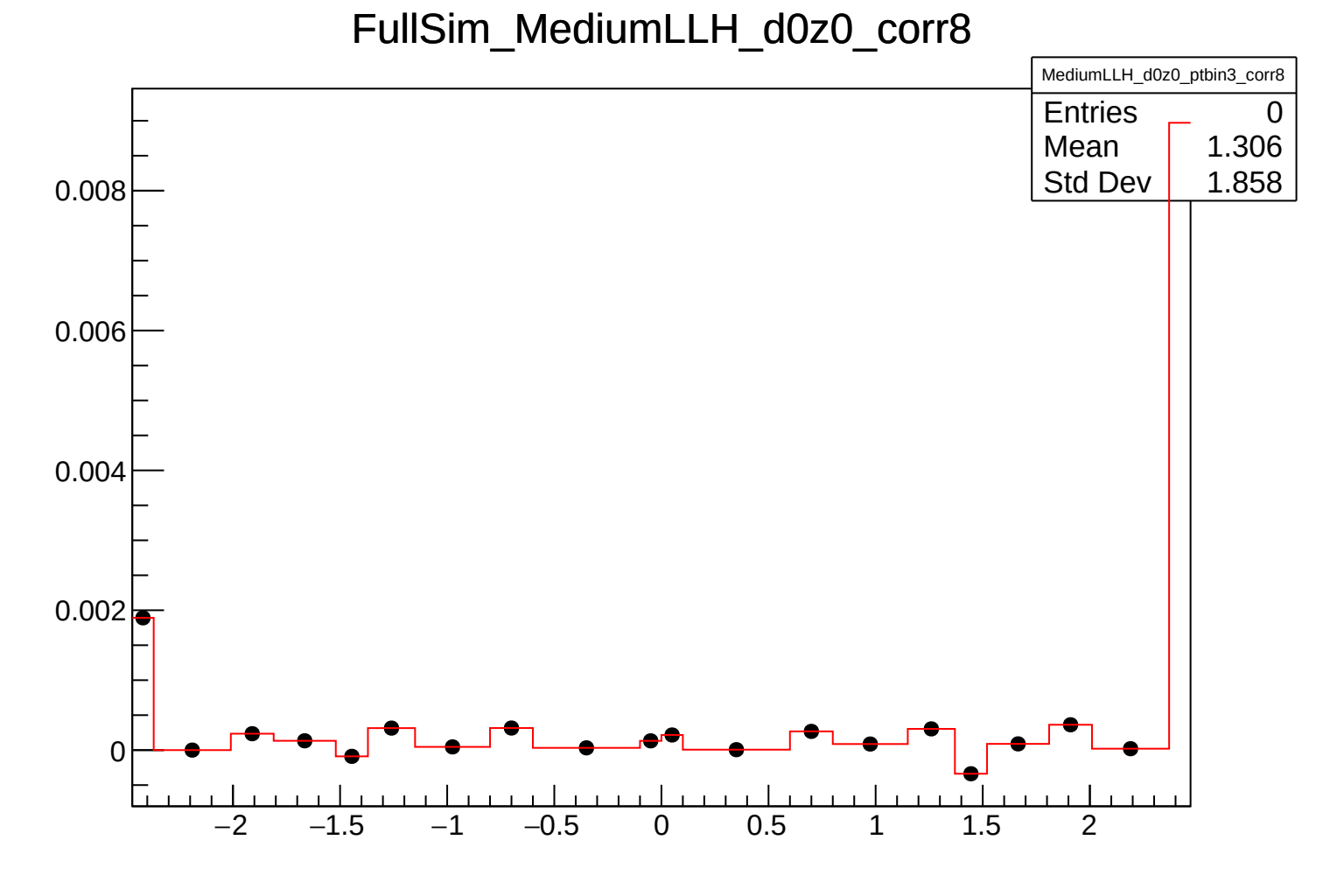
1.5
2


FullSim_MediumLLH_d0z0_corr8
MediumLLH_d0z0_ptbin3_corr8
Entries 0
Mean 1.306
Std Dev 1.858
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0.006
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0.002
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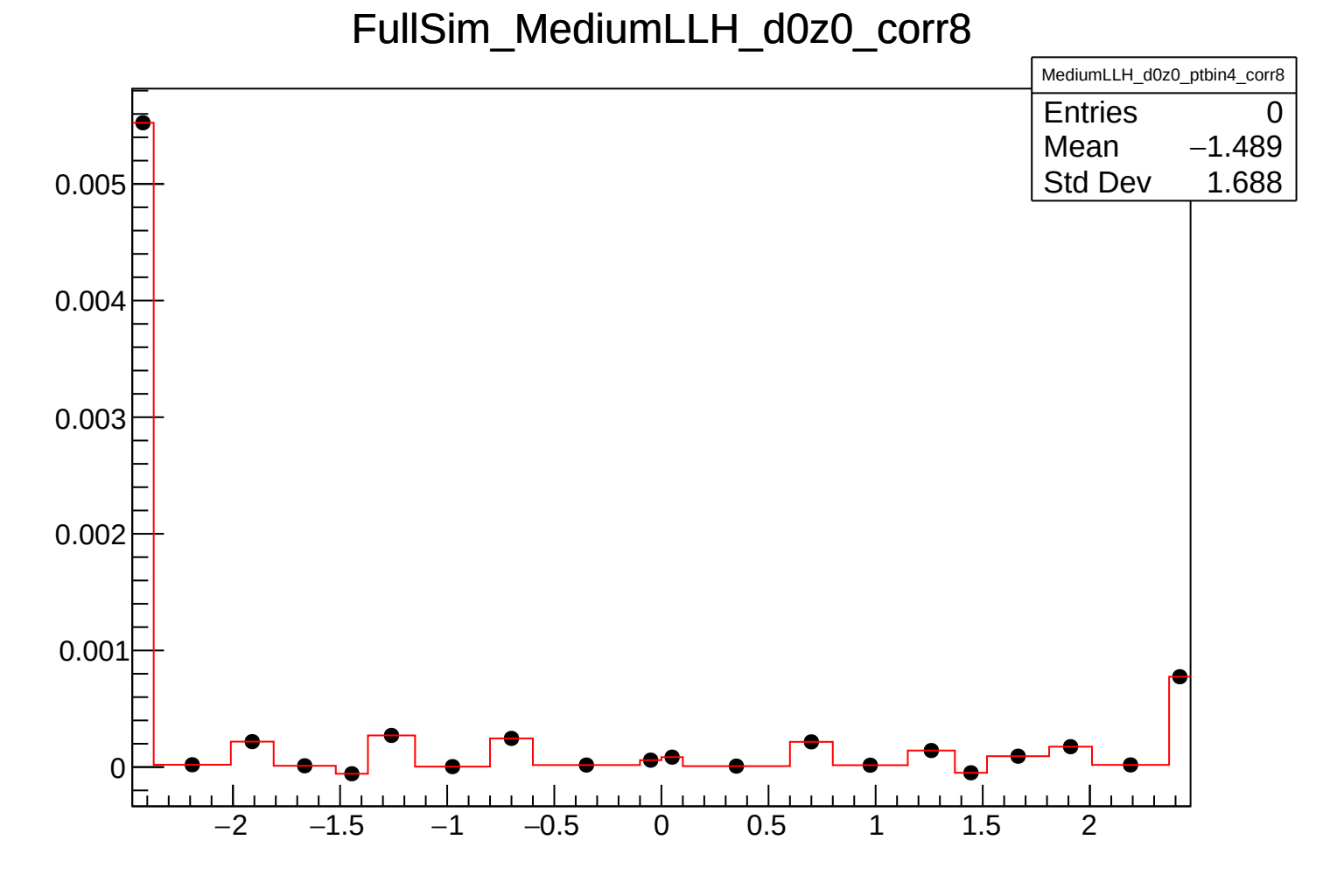
1.5
2


FullSim_MediumLLH_d0z0_corr8
MediumLLH_d0z0_ptbin4_corr8
Entries 0
Mean −1.489
Std Dev 1.688
0.005
0.004
0.003
0.002
0.001
0
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−0.5
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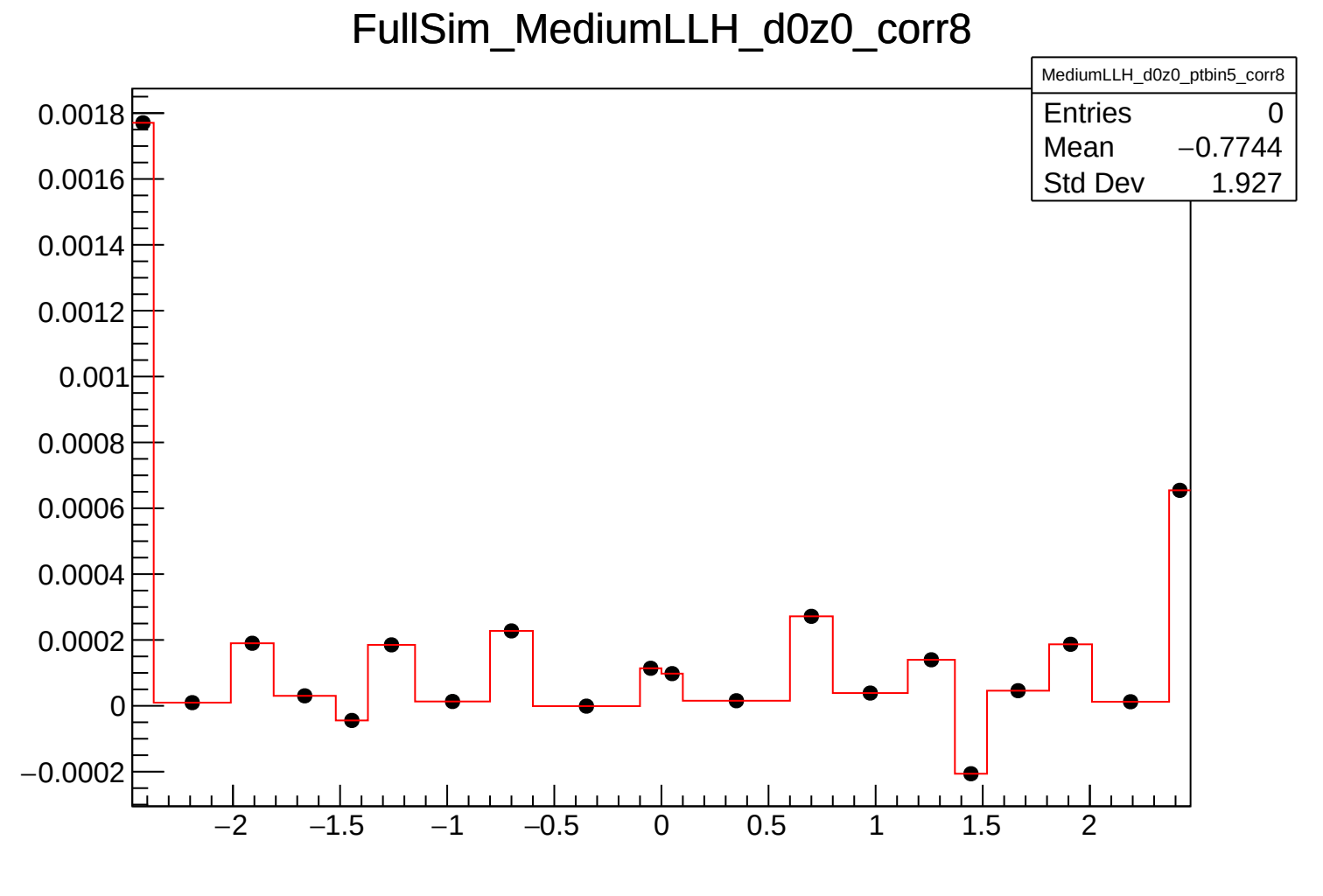
1.5
2


FullSim_MediumLLH_d0z0_corr8
MediumLLH_d0z0_ptbin5_corr8
Entries 0
Mean −0.7744
Std Dev 1.927
0.0018
0.0016
0.0014
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
0
−0.0002
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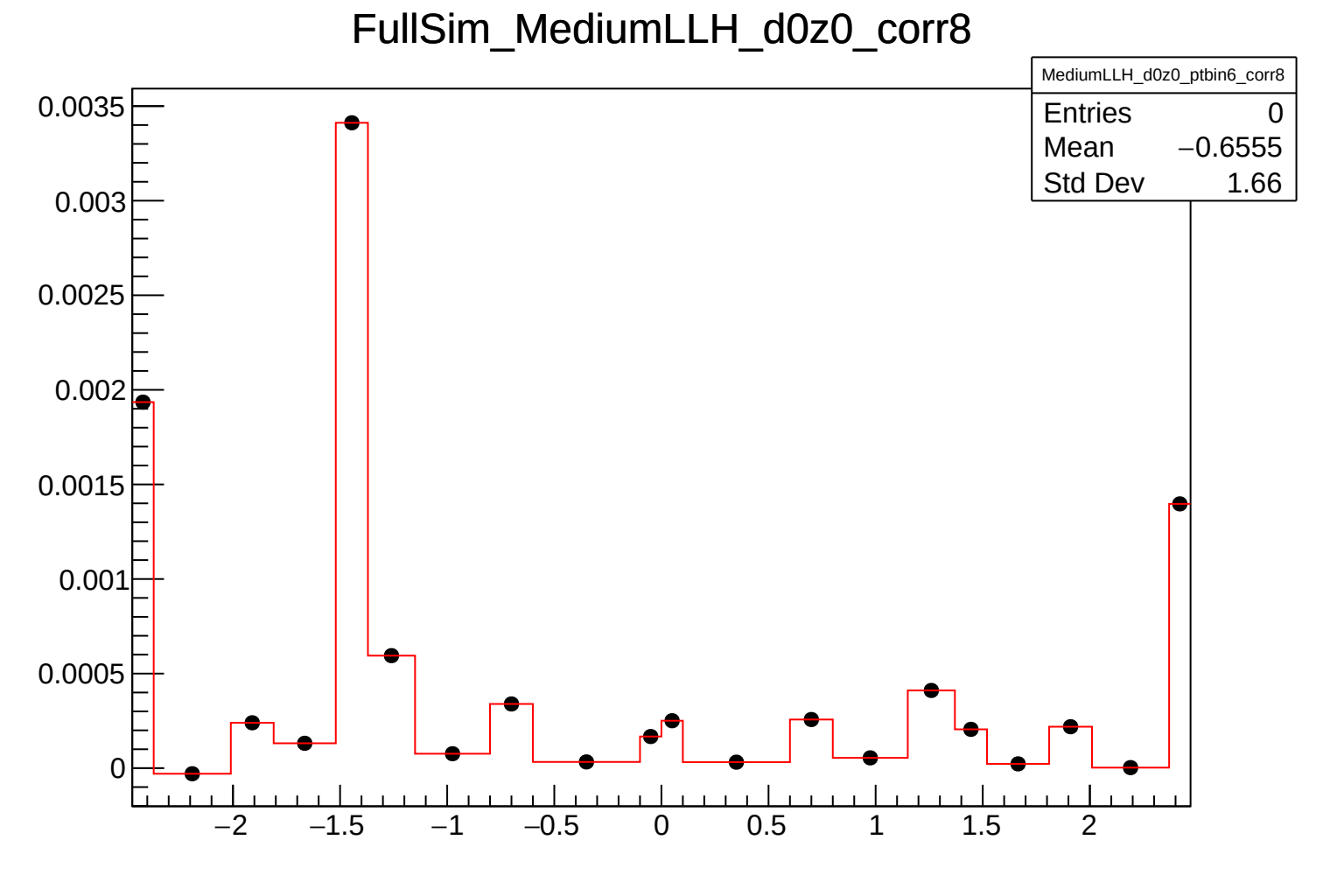
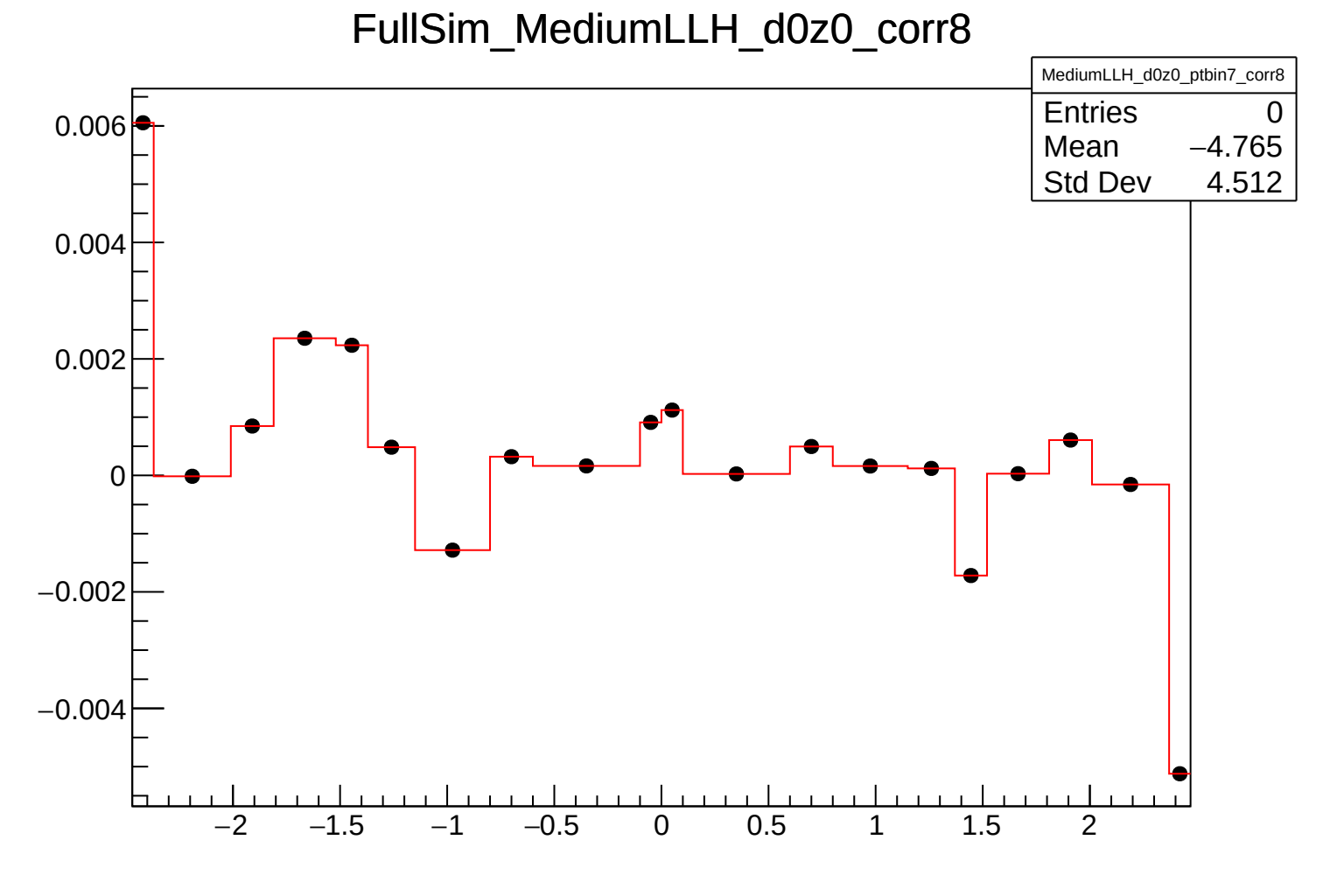
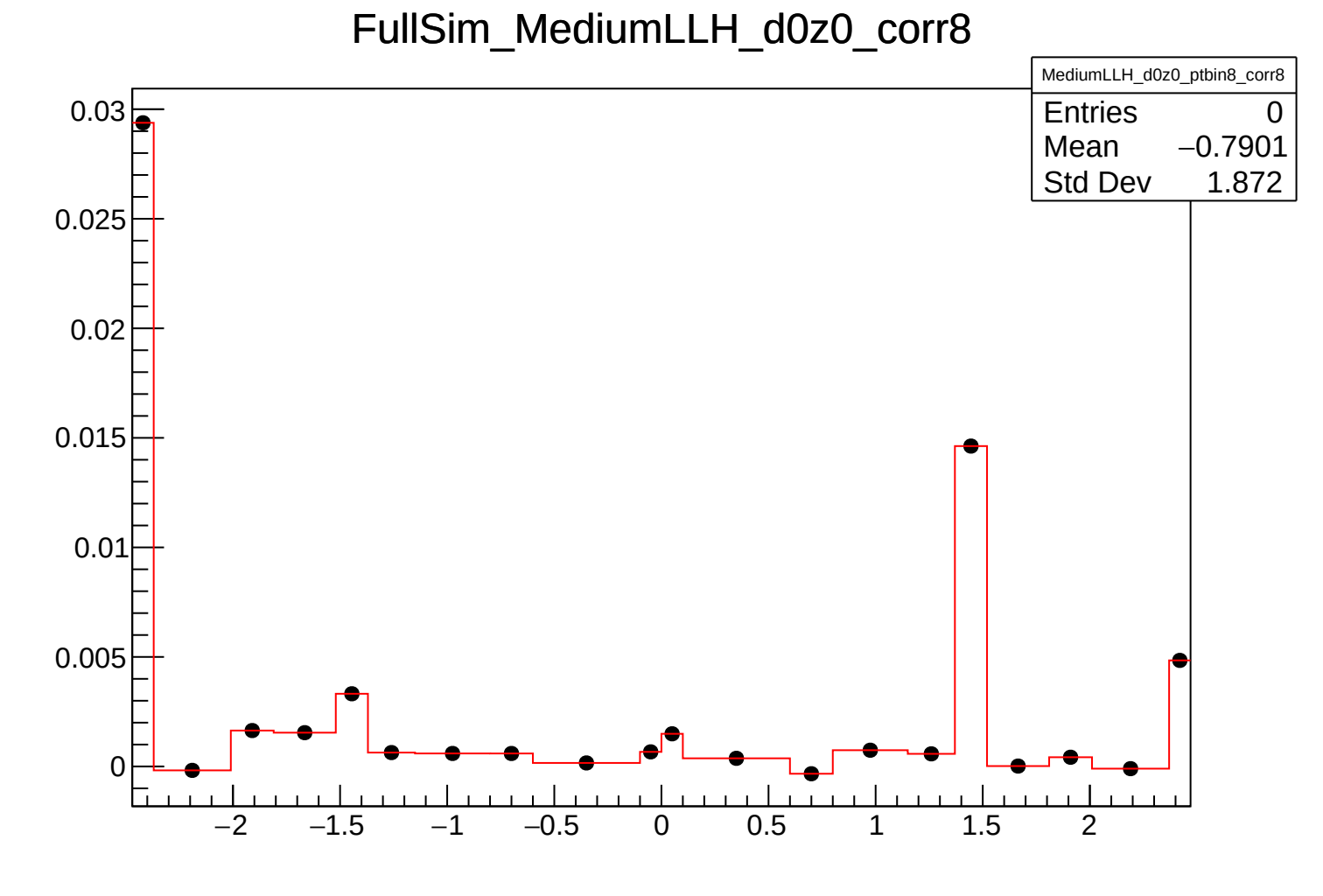
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr8
MediumLLH_d0z0_ptbin6_corr8
Entries 0
Mean −0.6555
Std Dev 1.66
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr8
MediumLLH_d0z0_ptbin7_corr8
Entries 0
Mean −4.765
Std Dev 4.512
0.006
0.004
0.002
0
−0.002
−0.004
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr8
MediumLLH_d0z0_ptbin8_corr8
Entries 0
Mean −0.7901
Std Dev 1.872
0.03
0.025
0.02
0.015
0.01
0.005
0
−2
−1.5
−1
−0.5
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0.5
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1.5
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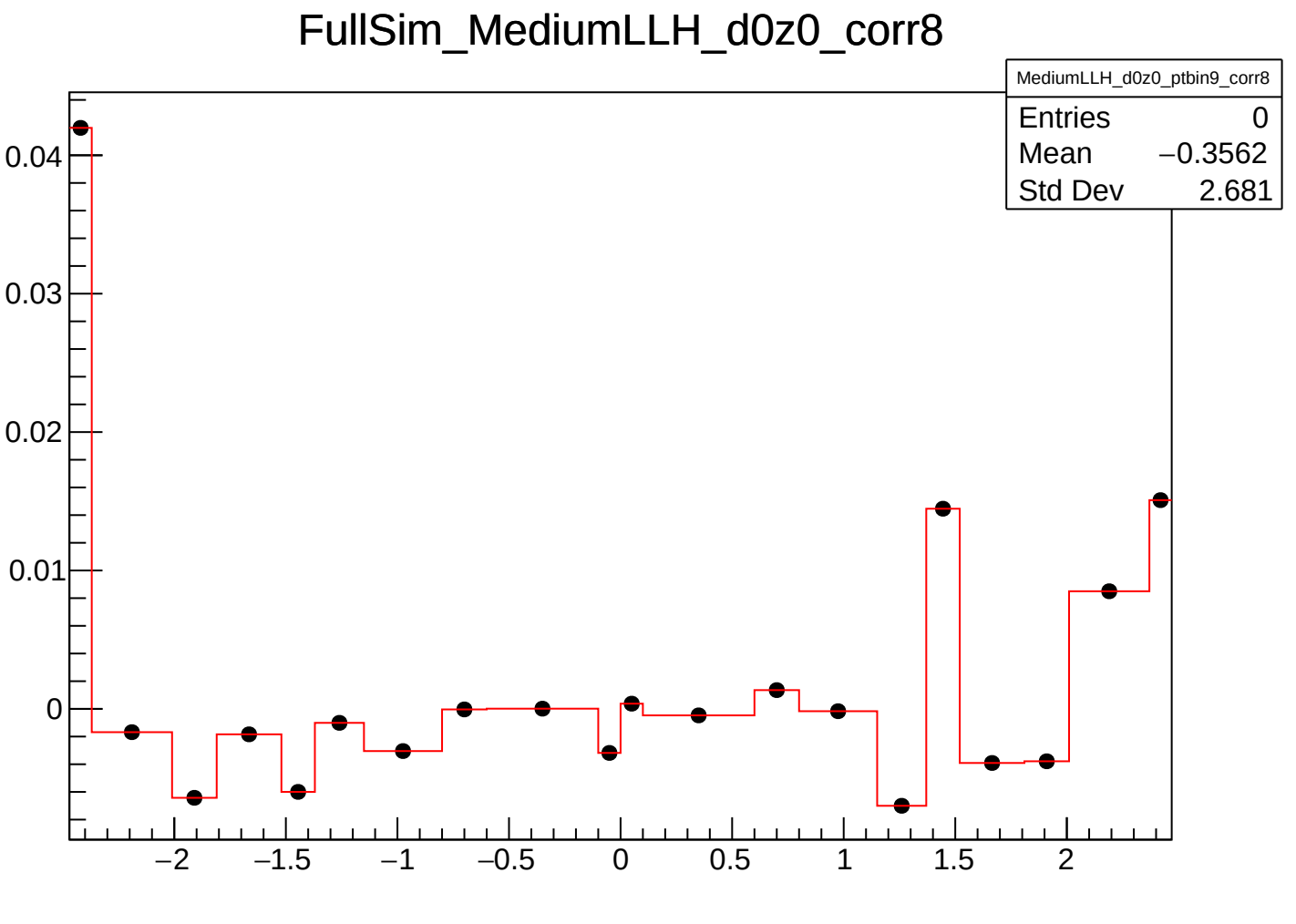
FullSim_MediumLLH_d0z0_corr8
MediumLLH_d0z0_ptbin9_corr8
Entries 0
Mean −0.3562
Std Dev 2.681
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0.03
0.02
0.01
0
−2
−1.5
−1
−0.5
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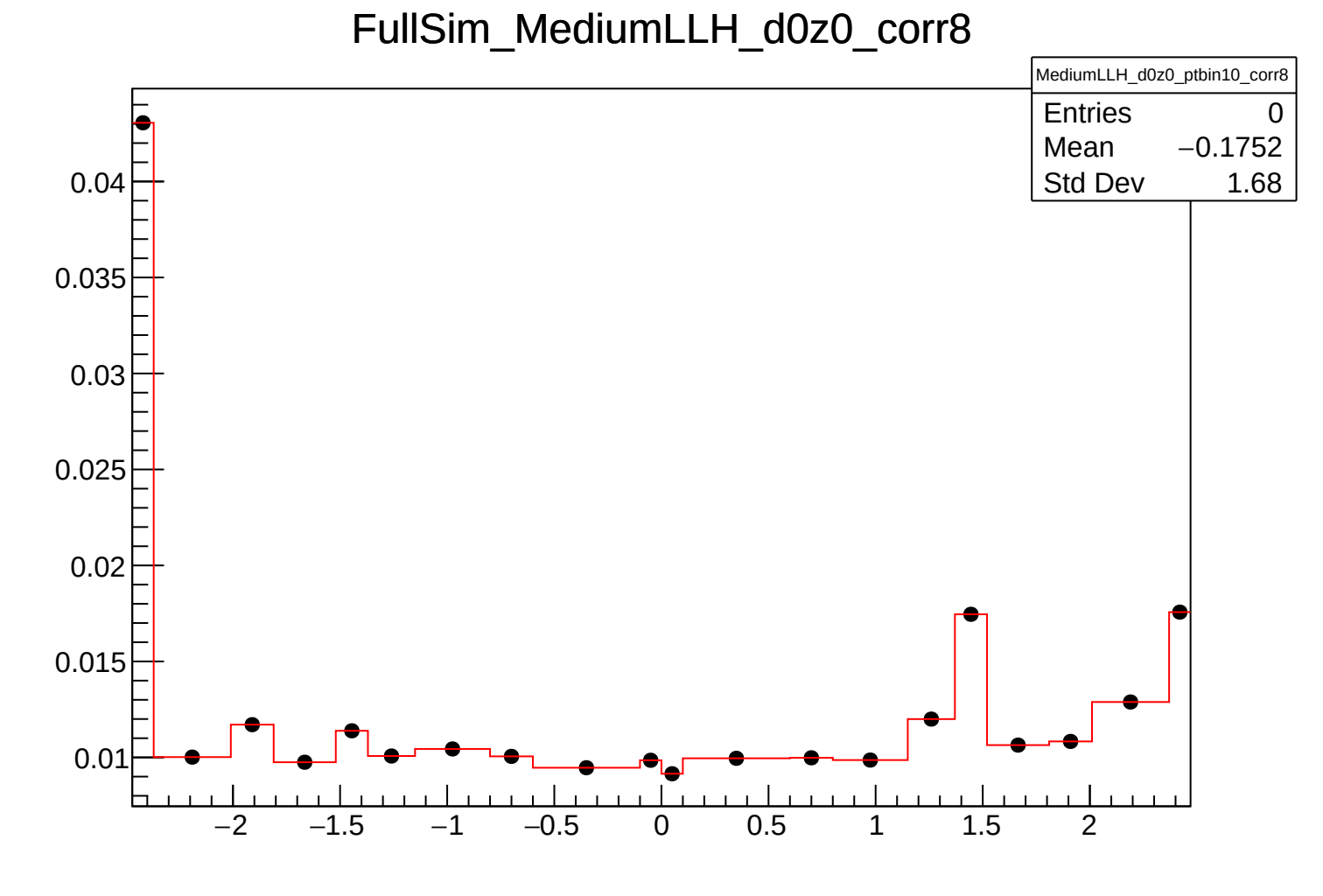
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr8
MediumLLH_d0z0_ptbin10_corr8
Entries 0
Mean −0.1752
Std Dev 1.68
0.04
0.035
0.03
0.025
0.02
0.015
0.01
−2
−1.5
−1
−0.5
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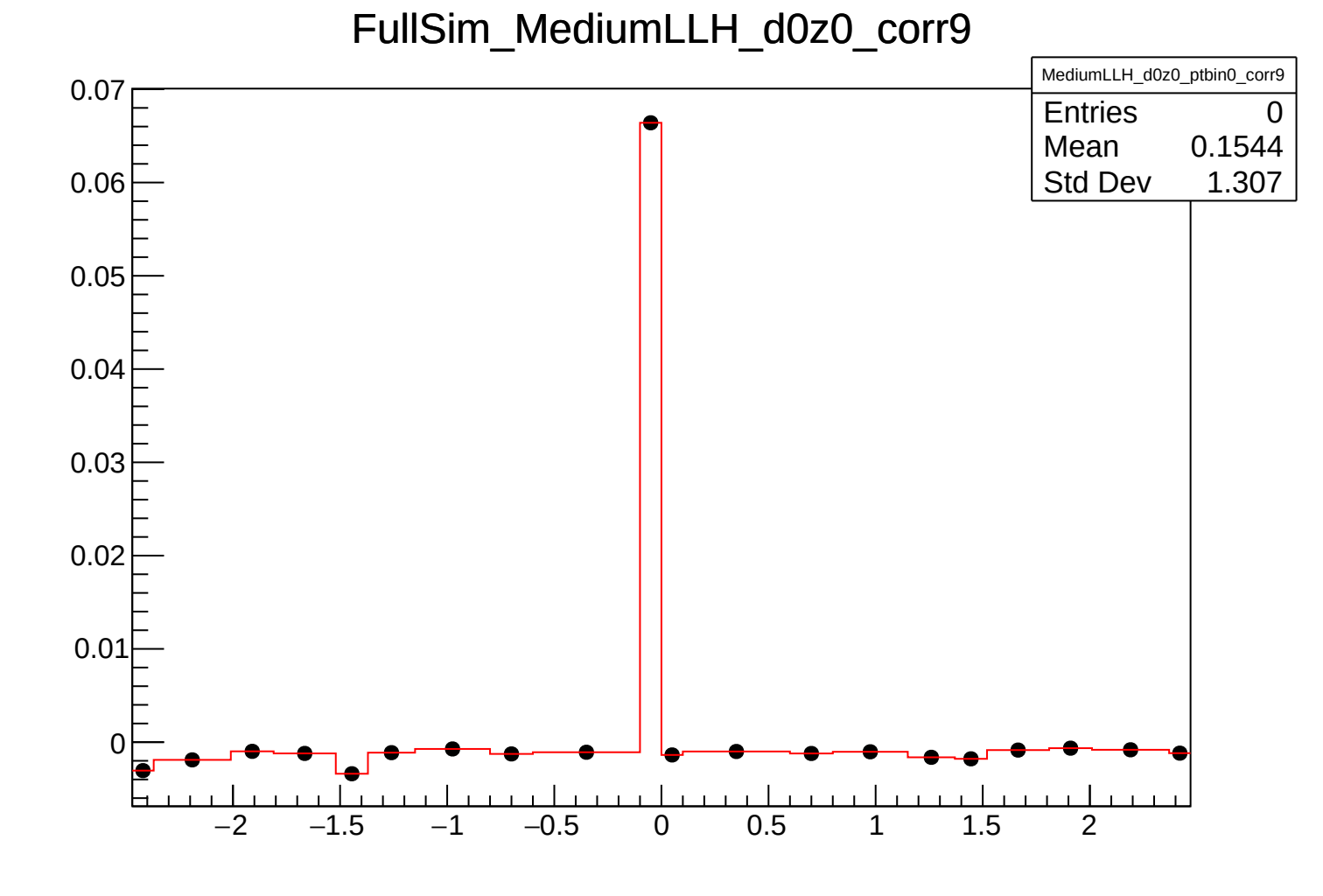
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr9
MediumLLH_d0z0_ptbin0_corr9
Entries 0
Mean 0.1544
Std Dev 1.307
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
−2
−1.5
−1
−0.5
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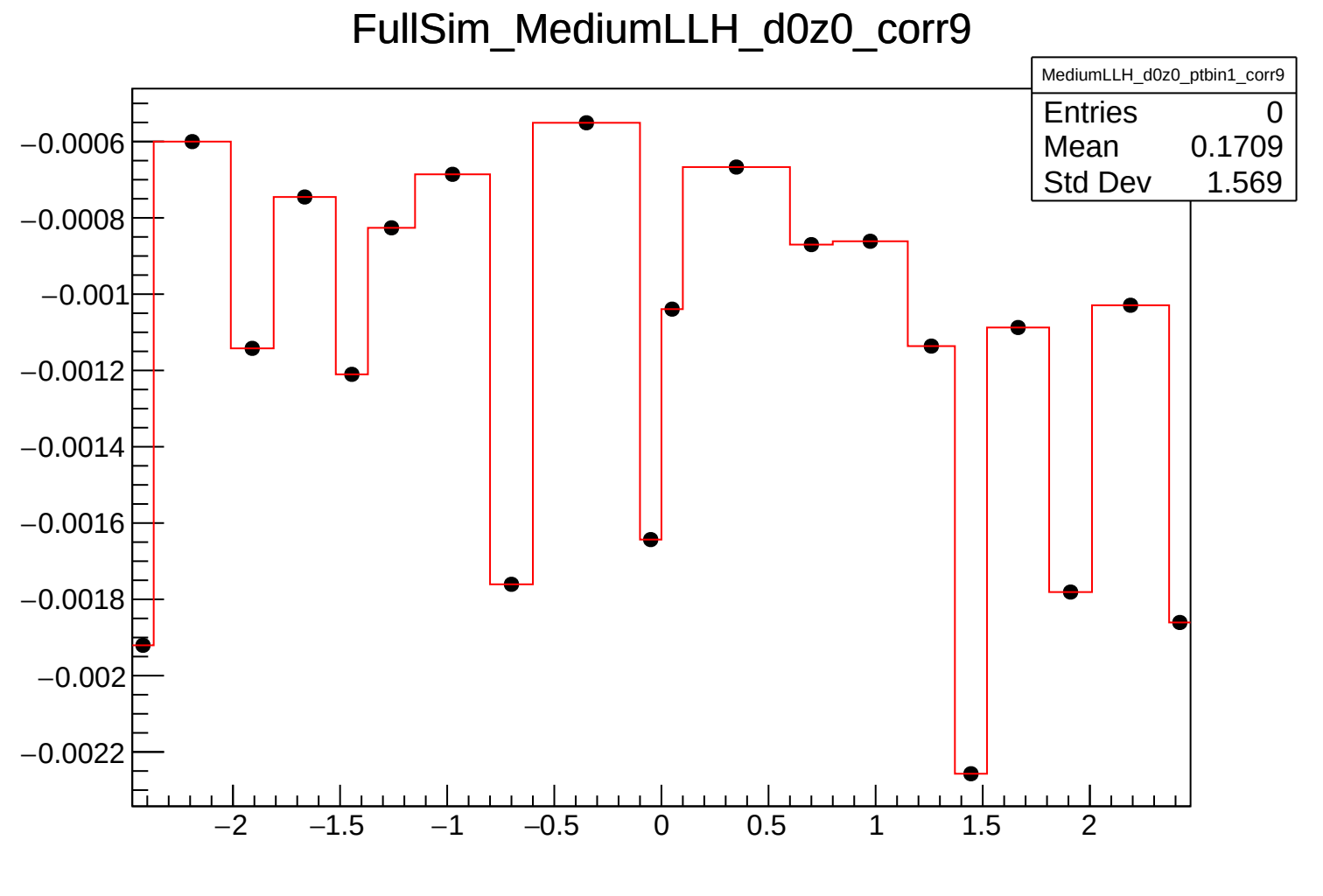
1
1.5
2


FullSim_MediumLLH_d0z0_corr9
MediumLLH_d0z0_ptbin1_corr9
Entries 0
Mean 0.1709
Std Dev 1.569
−0.0006
−0.0008
−0.001
−0.0012
−0.0014
−0.0016
−0.0018
−0.002
−0.0022
−2
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−0.5
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1
1.5
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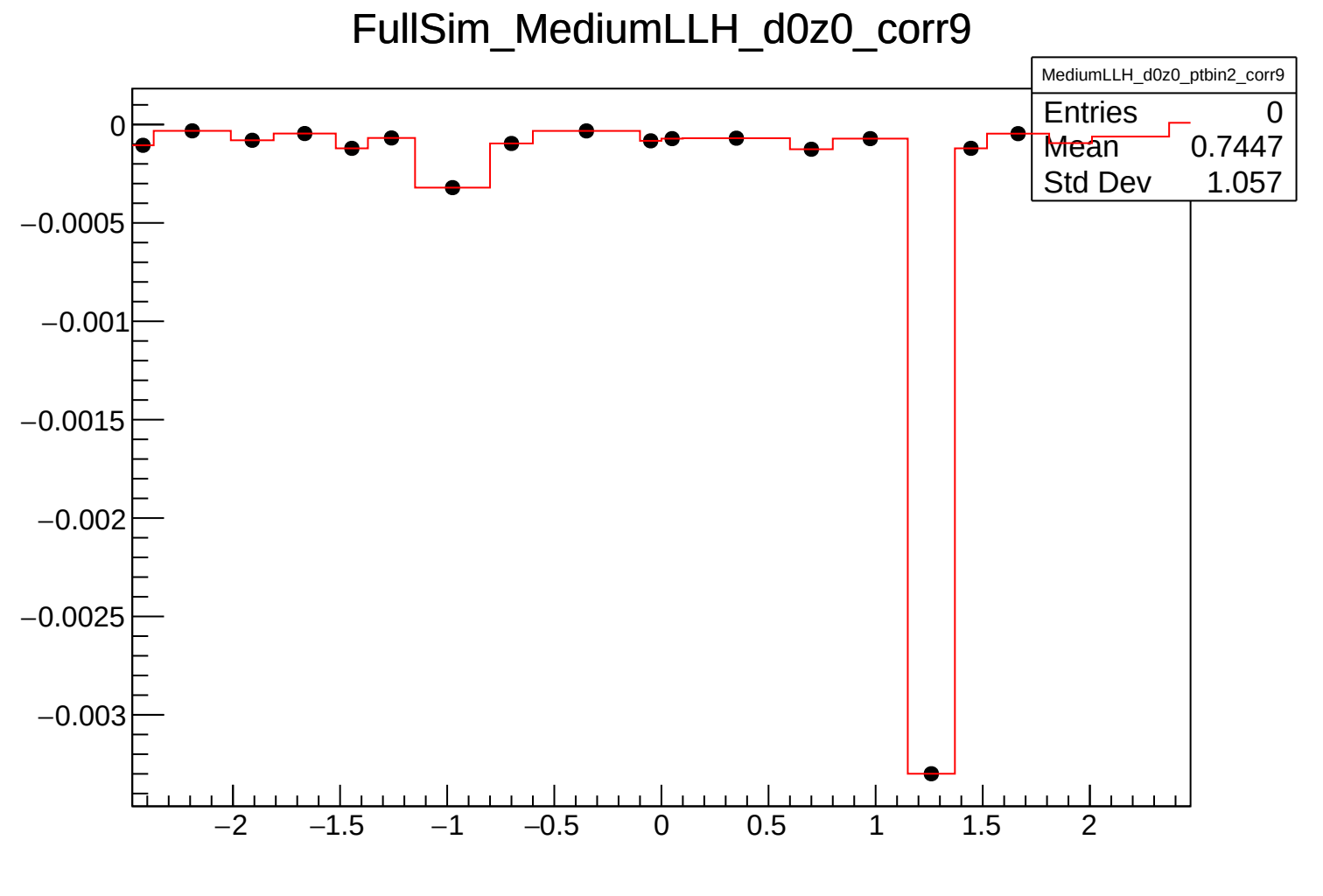
FullSim_MediumLLH_d0z0_corr9
MediumLLH_d0z0_ptbin2_corr9
Entries 0
Mean 0.7447
Std Dev 1.057
0
−0.0005
−0.001
−0.0015
−0.002
−0.0025
−0.003
−2
−1.5
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1
1.5
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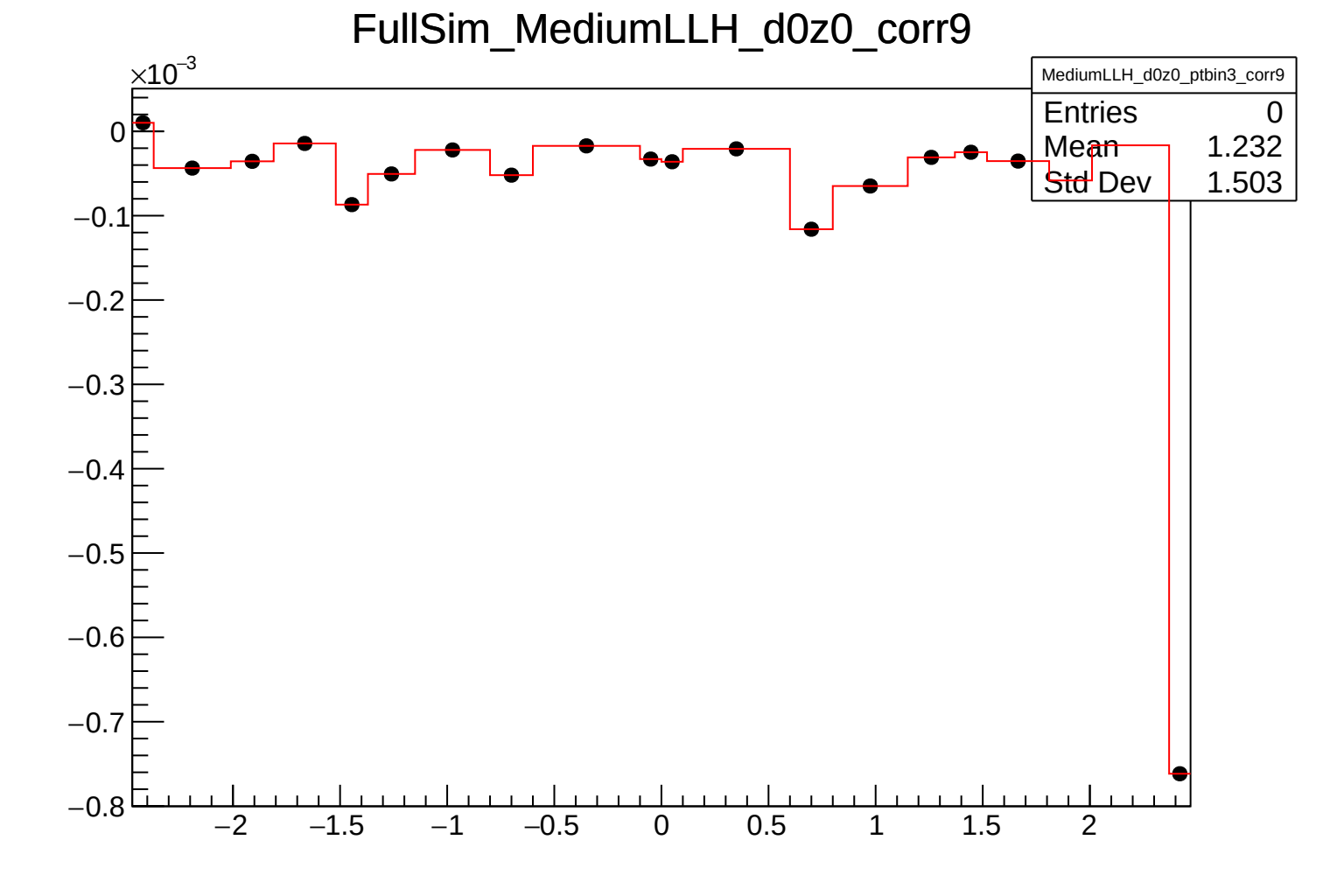
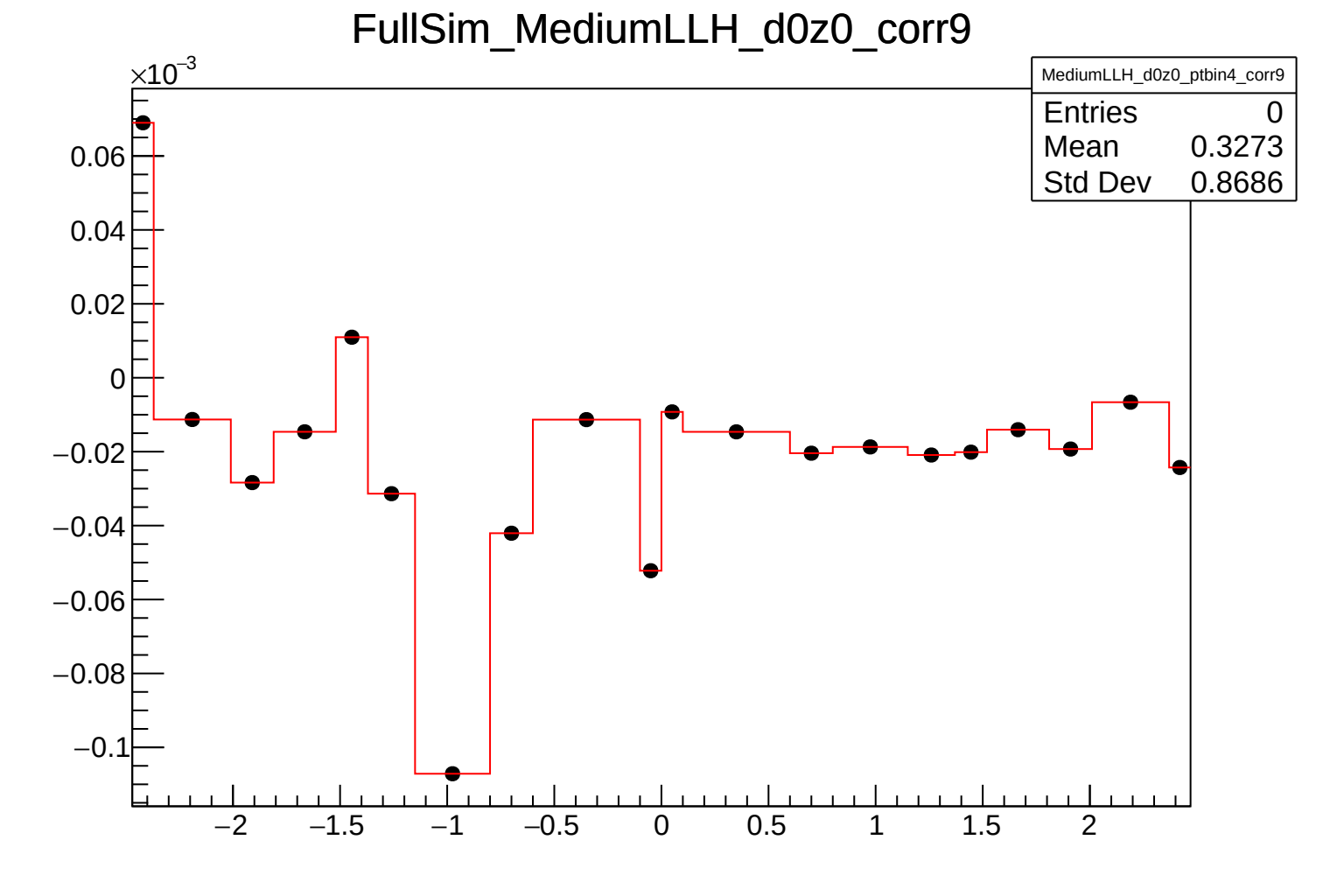
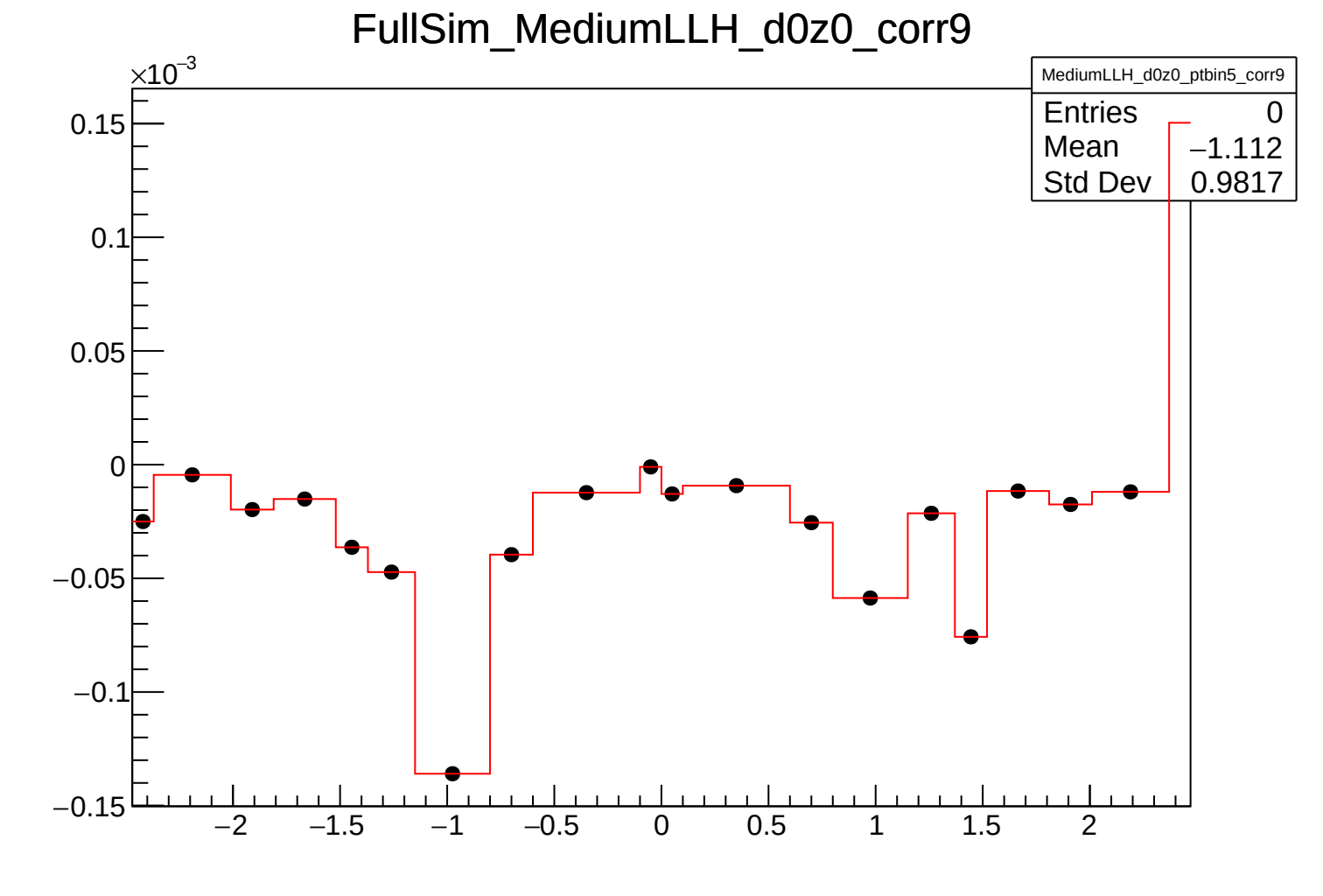
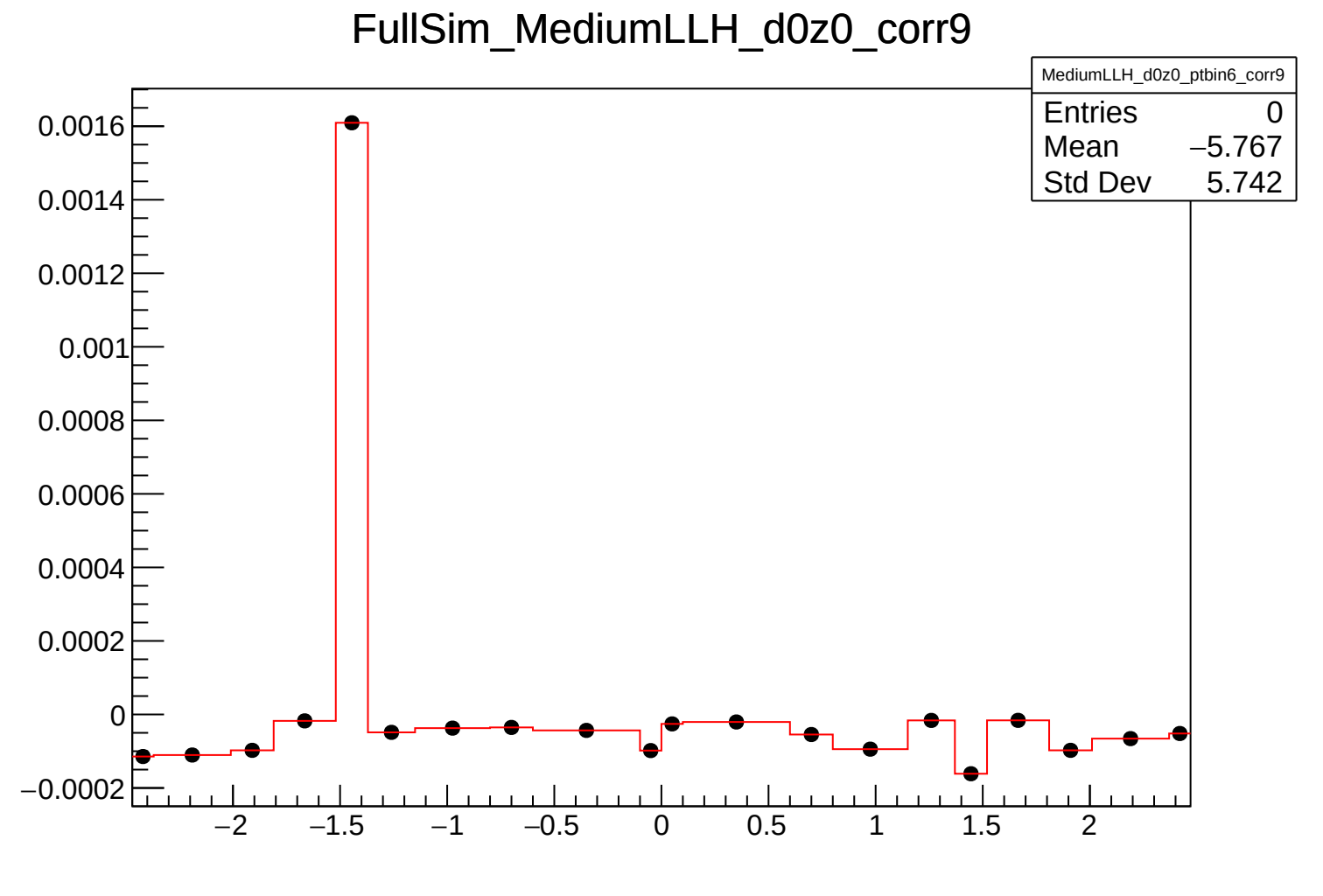
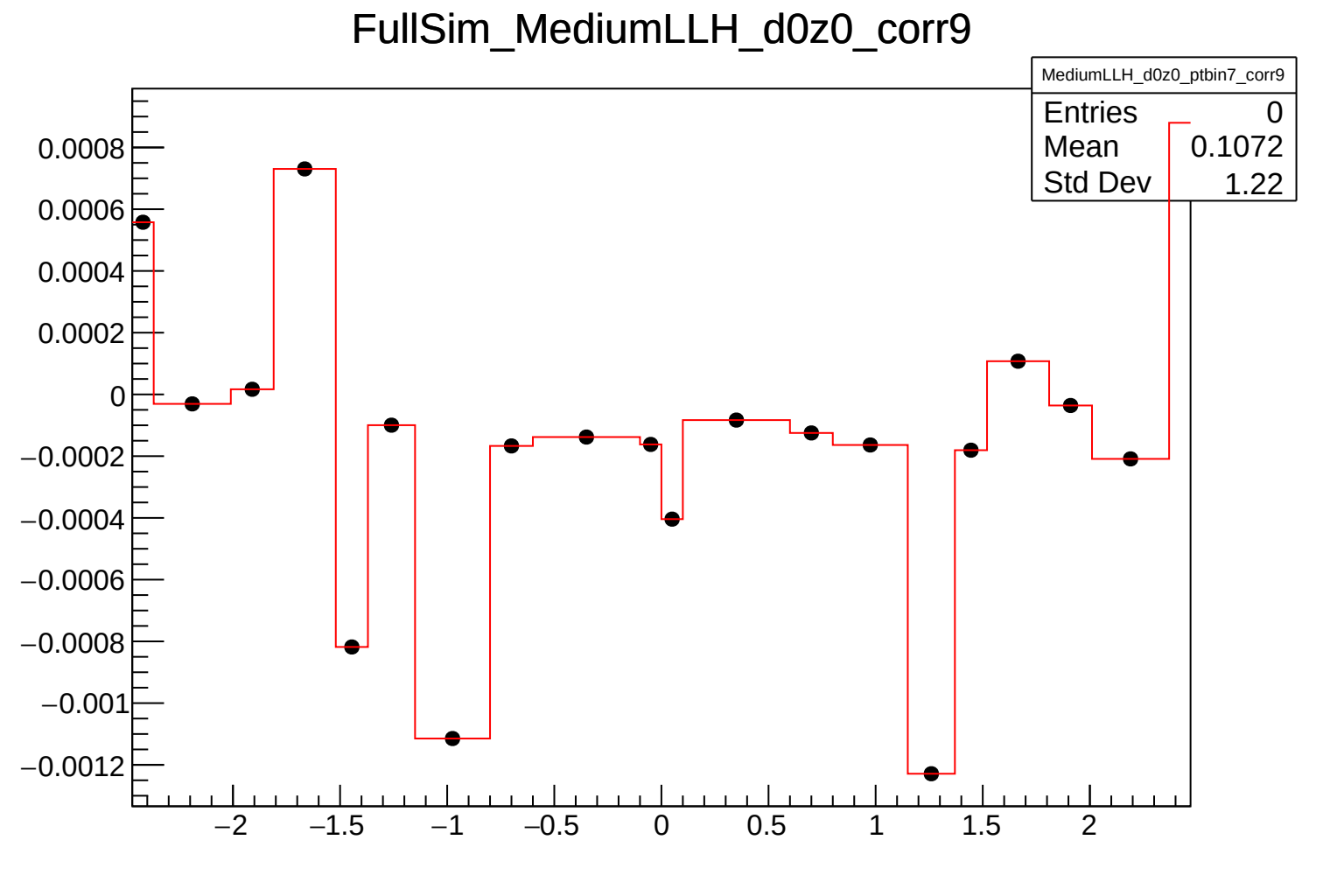
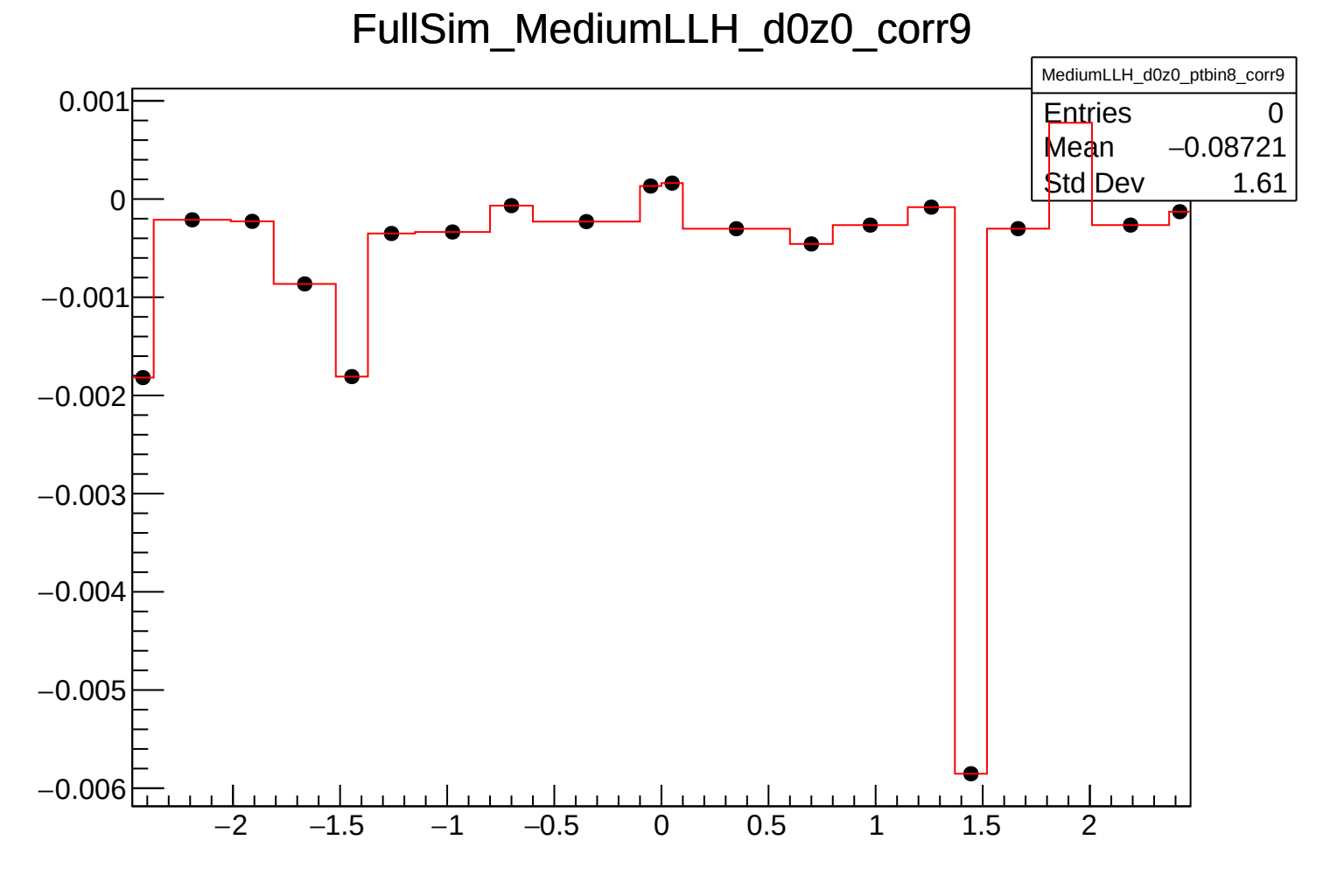

FullSim_MediumLLH_d0z0_corr9
×10^−3
MediumLLH_d0z0_ptbin3_corr9
Entries 0
Mean 1.232
Std Dev 1.503
0
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
−0.7
−0.8
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2

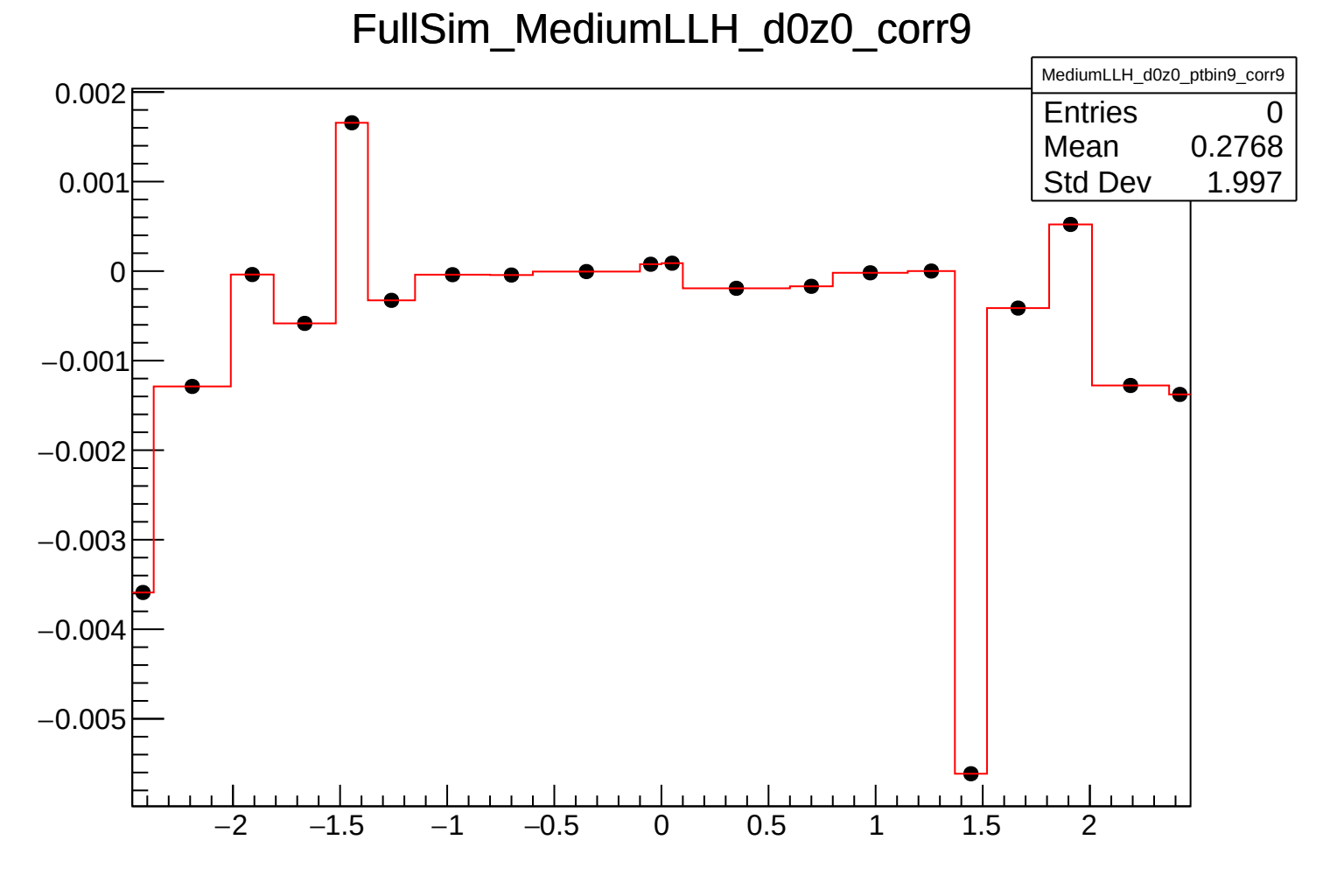

FullSim_MediumLLH_d0z0_corr9
×10^−3
MediumLLH_d0z0_ptbin4_corr9
Entries 0
Mean 0.3273
Std Dev 0.8686
0.06
0.04
0.02
0
−0.02
−0.04
−0.06
−0.08
−0.1
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2

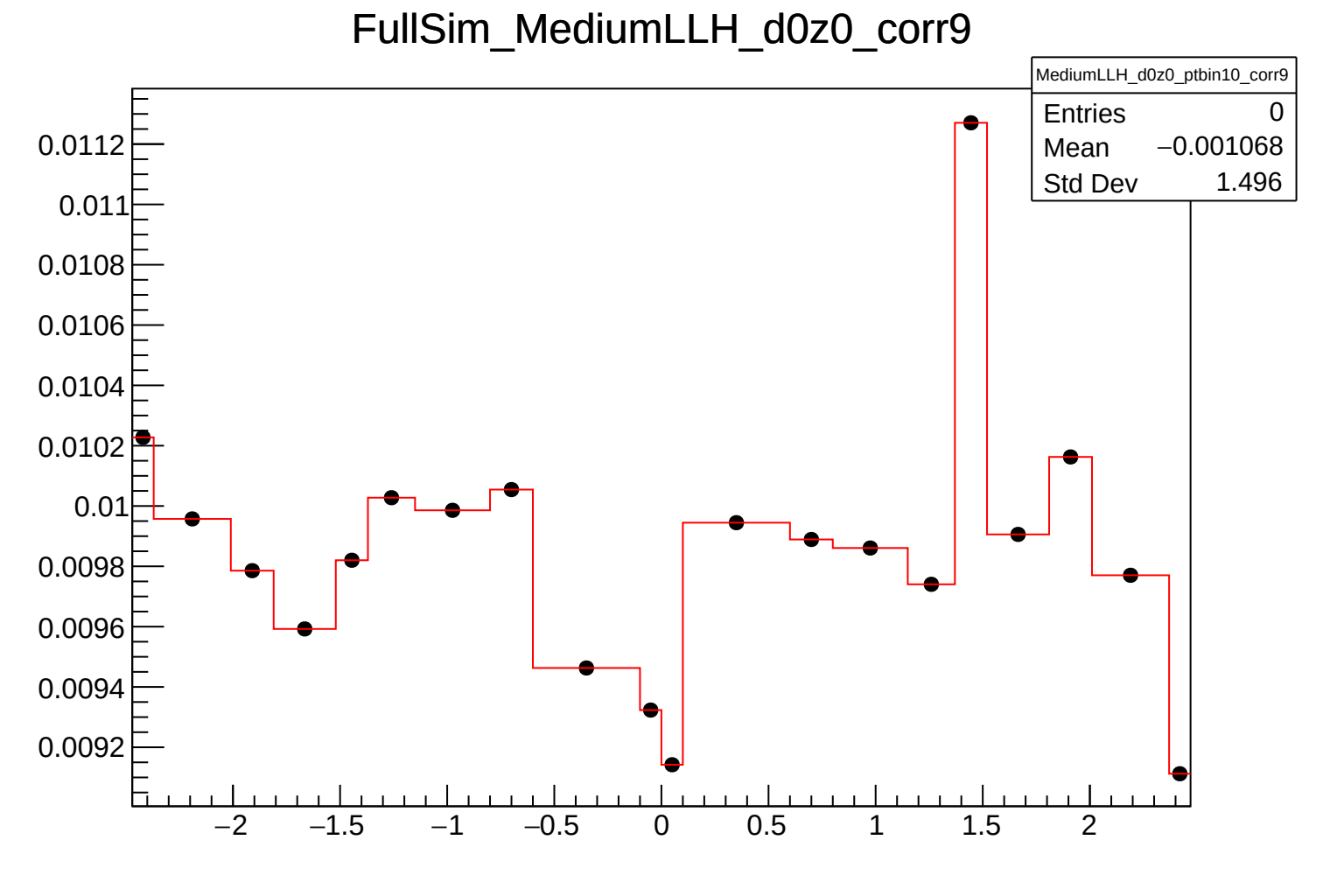

FullSim_MediumLLH_d0z0_corr9
MediumLLH_d0z0_ptbin5_corr9
Entries 0
Mean −1.112
Std Dev 0.9817
×10^−3
0.15
0.1
0.05
0
−0.05
−0.1
−0.15
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2

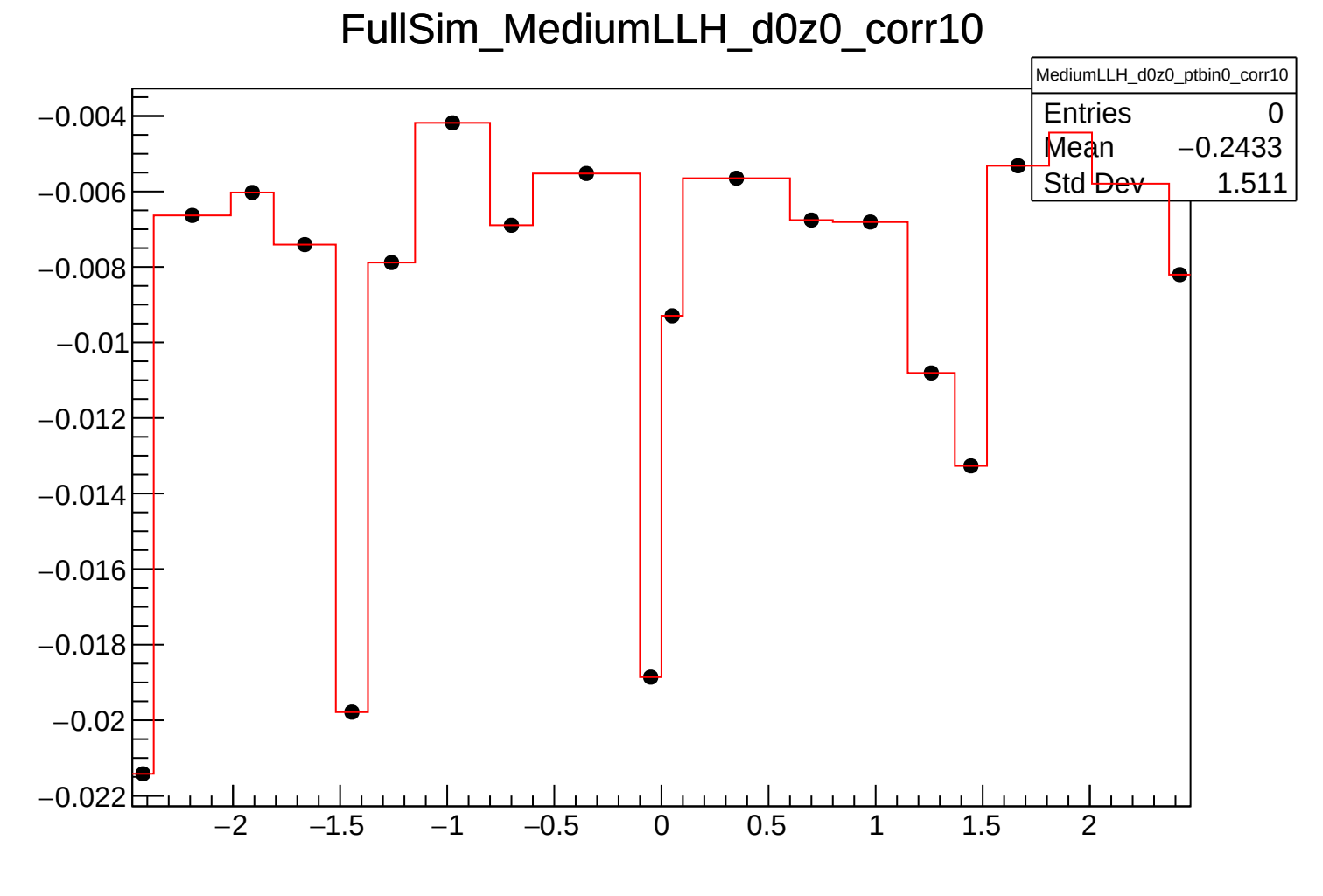

FullSim_MediumLLH_d0z0_corr9
MediumLLH_d0z0_ptbin6_corr9
Entries 0
Mean −5.767
Std Dev 5.742
0.0016
0.0014
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
0
−0.0002
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr9
MediumLLH_d0z0_ptbin7_corr9
Entries 0
Mean 0.1072
Std Dev 1.22
0.0008
0.0006
0.0004
0.0002
0
−0.0002
−0.0004
−0.0006
−0.0008
−0.001
−0.0012
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr9
MediumLLH_d0z0_ptbin8_corr9
Entries 0
Mean −0.08721
Std Dev 1.61
0.001
0
−0.001
−0.002
−0.003
−0.004
−0.005
−0.006
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr9
MediumLLH_d0z0_ptbin9_corr9
Entries 0
Mean 0.2768
Std Dev 1.997
0.002
0.001
0
−0.001
−0.002
−0.003
−0.004
−0.005
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr9
MediumLLH_d0z0_ptbin10_corr9
Entries 0
Mean −0.001068
Std Dev 1.496
0.0112
0.011
0.0108
0.0106
0.0104
0.0102
0.01
0.0098
0.0096
0.0094
0.0092
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr10
MediumLLH_d0z0_ptbin0_corr10
Entries 0
Mean −0.2433
Std Dev 1.511
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−0.006
−0.008
−0.01
−0.012
−0.014
−0.016
−0.018
−0.02
−0.022
−2
−1.5
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−0.5
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1
1.5
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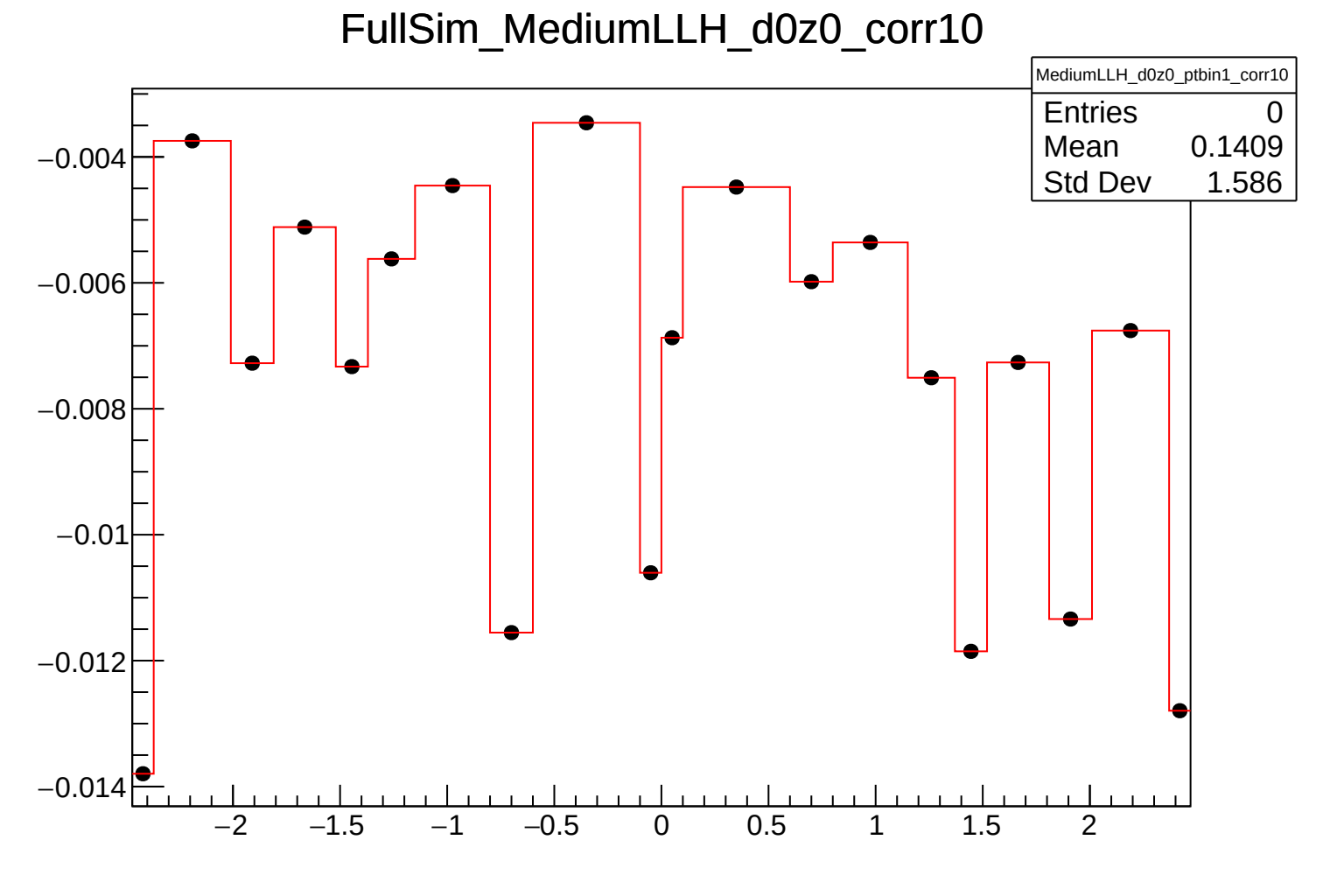
FullSim_MediumLLH_d0z0_corr10
MediumLLH_d0z0_ptbin1_corr10
Entries 0
Mean 0.1409
Std Dev 1.586
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−0.006
−0.008
−0.01
−0.012
−0.014
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−1.5
−1
−0.5
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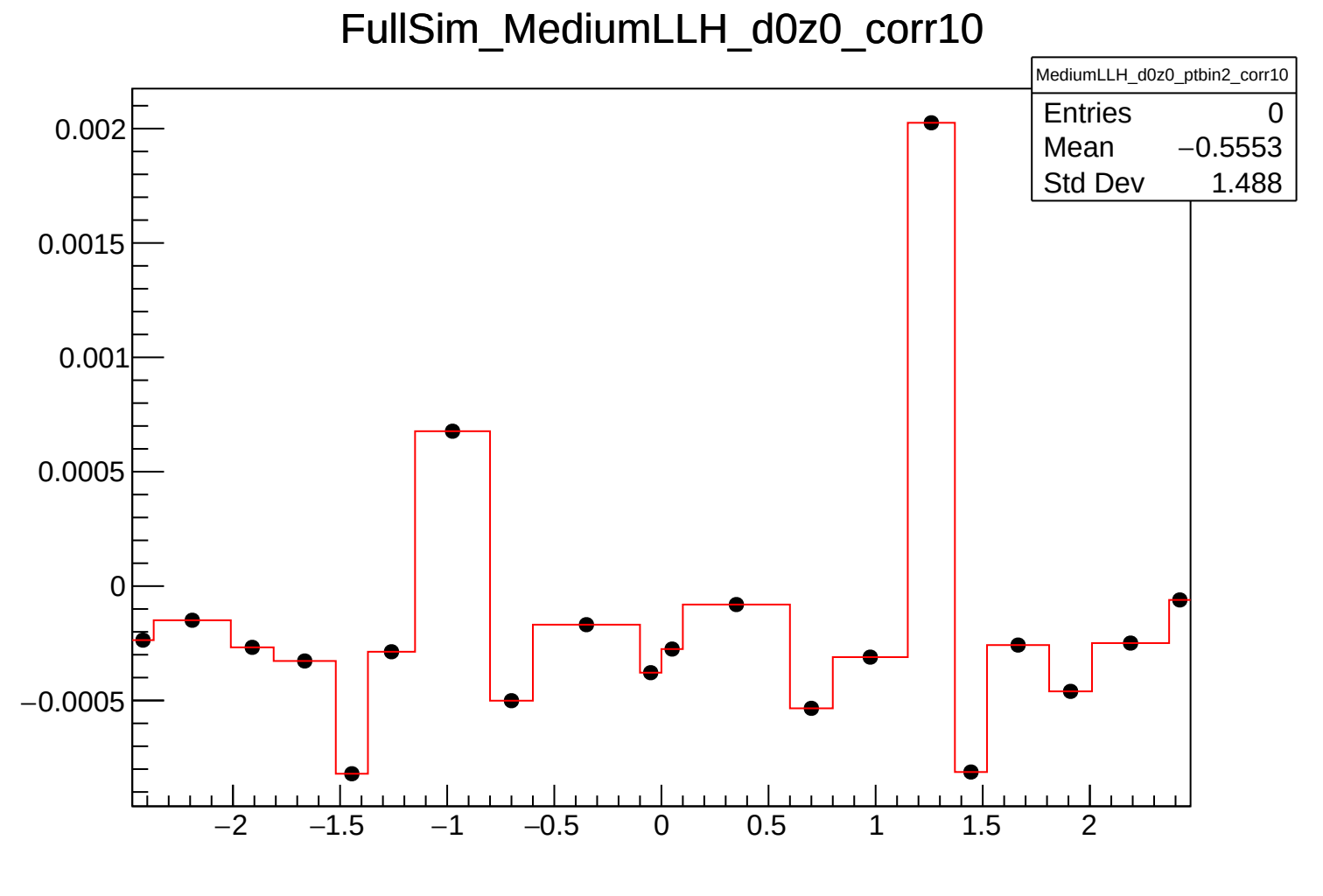
1
1.5
2


FullSim_MediumLLH_d0z0_corr10
MediumLLH_d0z0_ptbin2_corr10
Entries 0
Mean −0.5553
Std Dev 1.488
0.002
0.0015
0.001
0.0005
0
−0.0005
−2
−1.5
−1
−0.5
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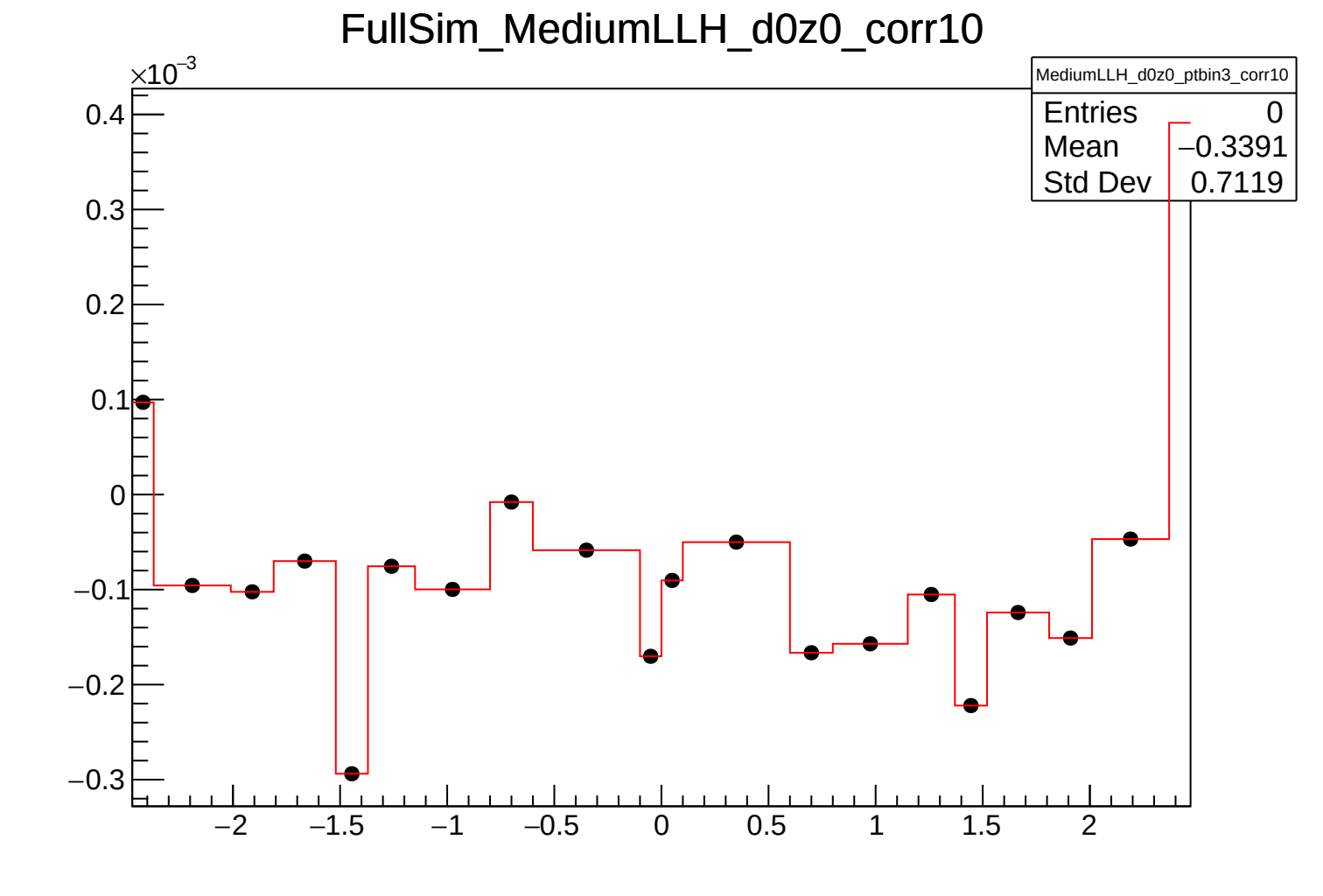
1
1.5
2


FullSim_MediumLLH_d0z0_corr10
×10^−3
MediumLLH_d0z0_ptbin3_corr10
Entries 0
Mean −0.3391
Std Dev 0.7119
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−2
−1.5
−1
−0.5
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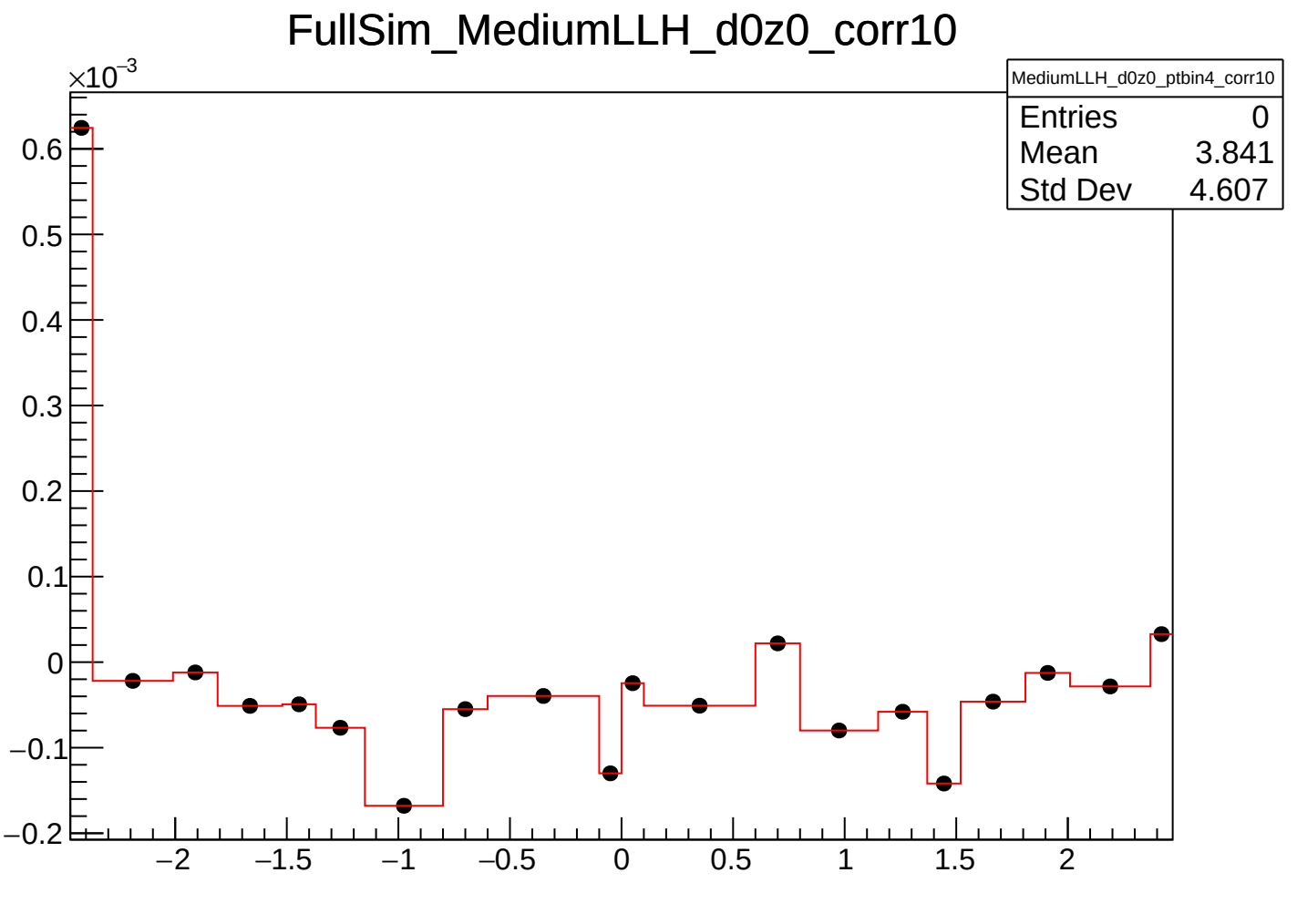
1
1.5
2


FullSim_MediumLLH_d0z0_corr10
MediumLLH_d0z0_ptbin4_corr10
Entries 0
Mean 3.841
Std Dev 4.607
×10^−3
0.6
0.5
0.4
0.3
0.2
0.1
0
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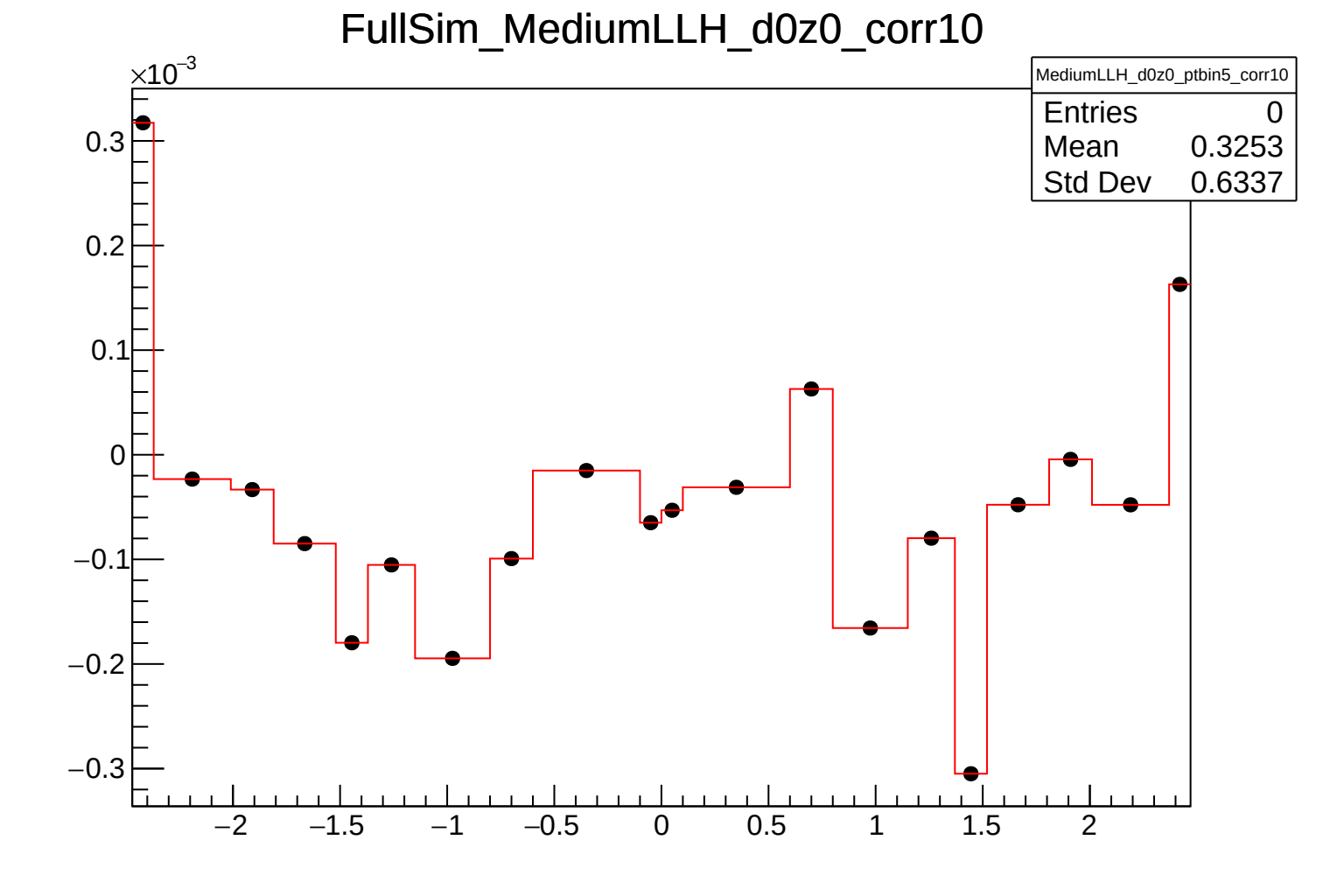
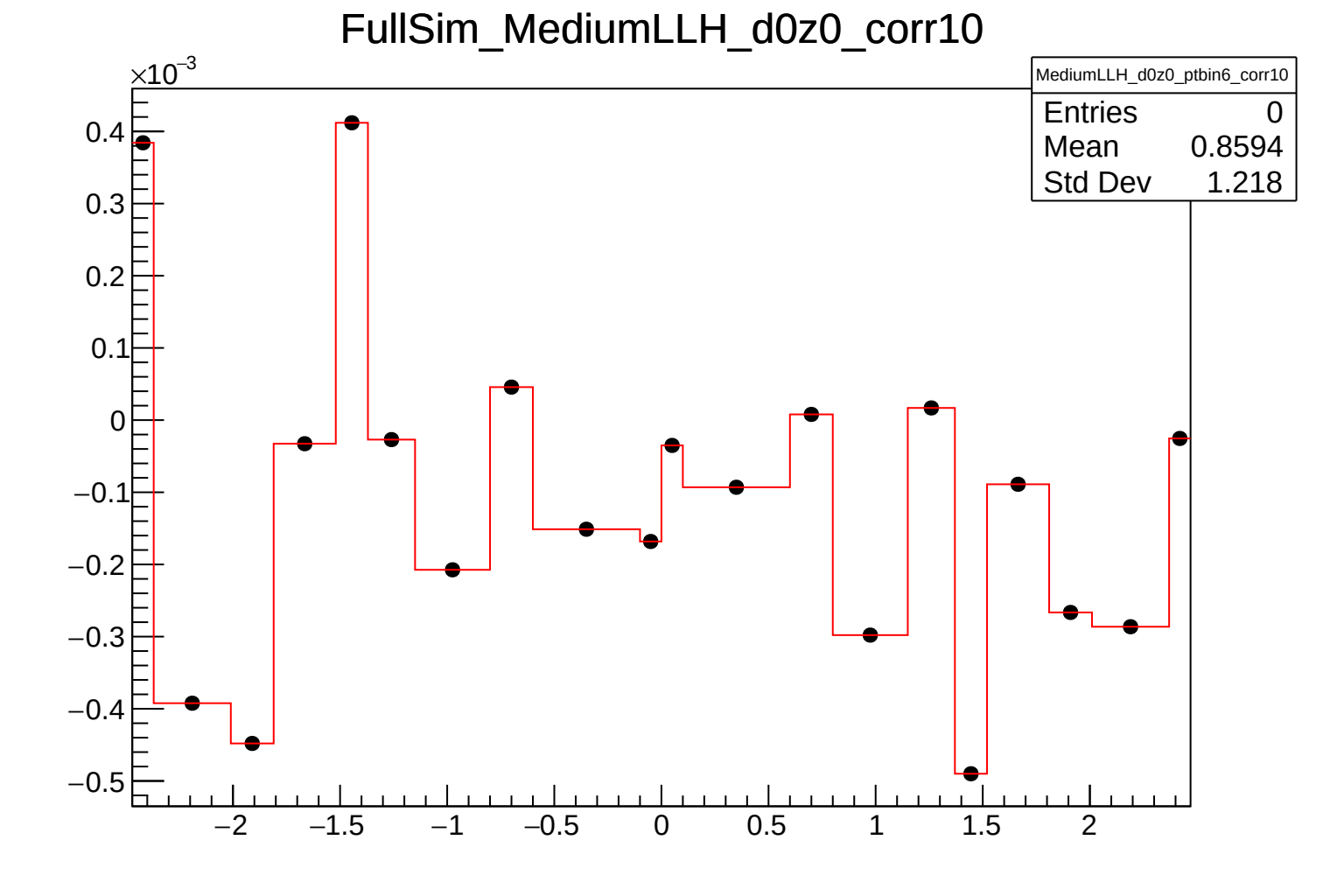
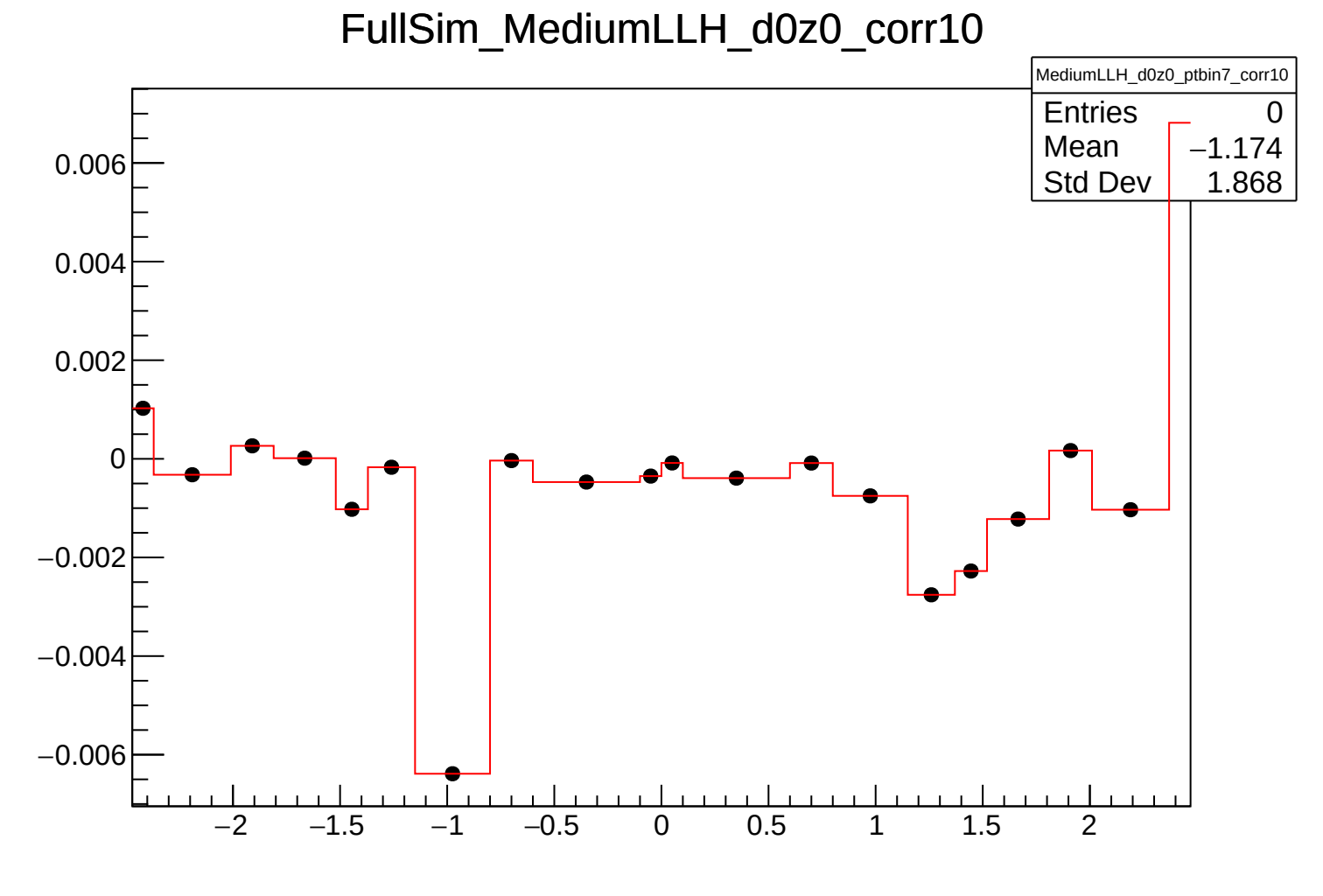
−0.2
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr10
×10^−3
MediumLLH_d0z0_ptbin5_corr10
Entries 0
Mean 0.3253
Std Dev 0.6337
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr10
MediumLLH_d0z0_ptbin6_corr10
Entries 0
Mean 0.8594
Std Dev 1.218
×10^−3
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.5
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr10
MediumLLH_d0z0_ptbin7_corr10
Entries 0
Mean −1.174
Std Dev 1.868
0.006
0.004
0.002
0
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−0.004
−0.006
−2
−1.5
−1
−0.5
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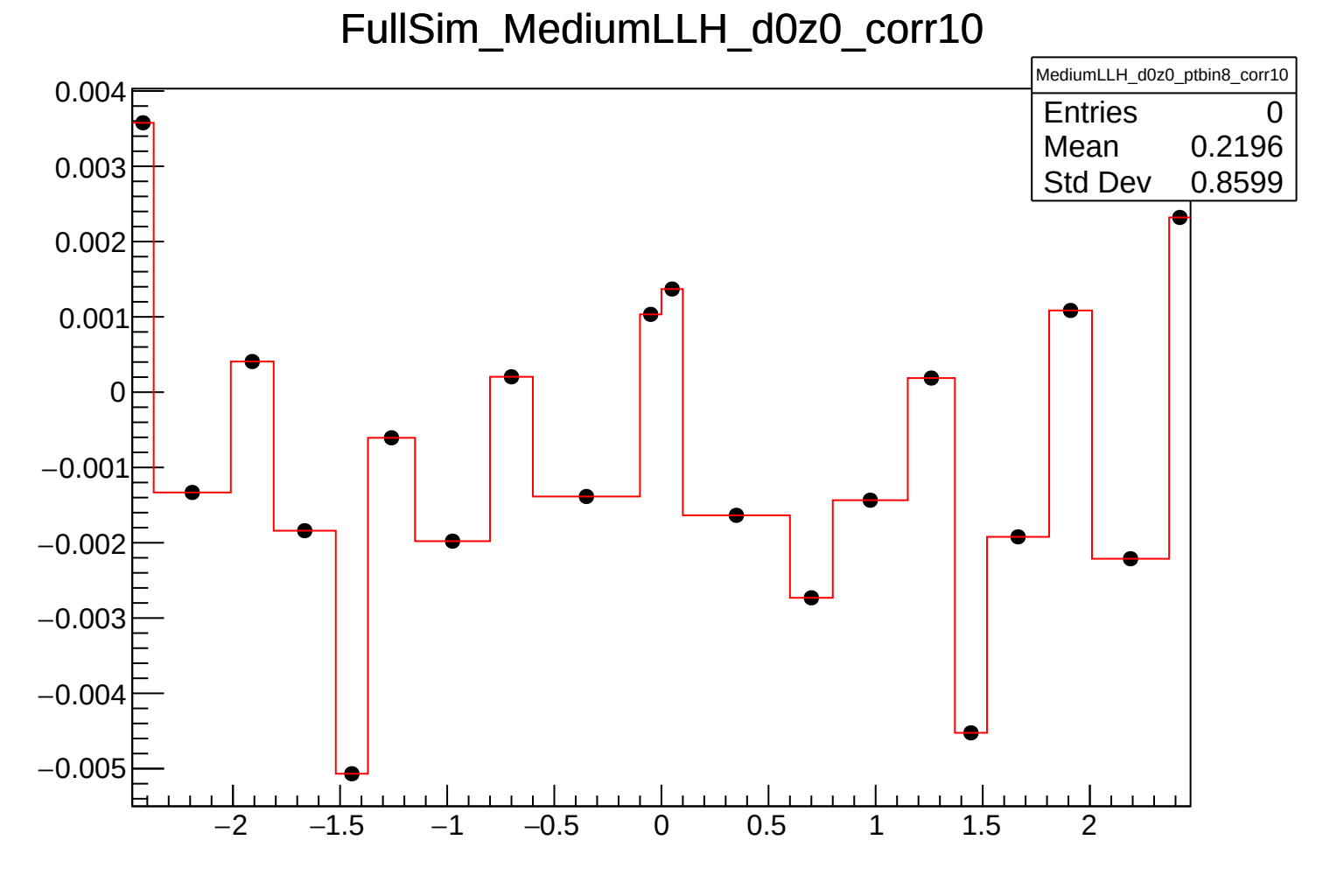
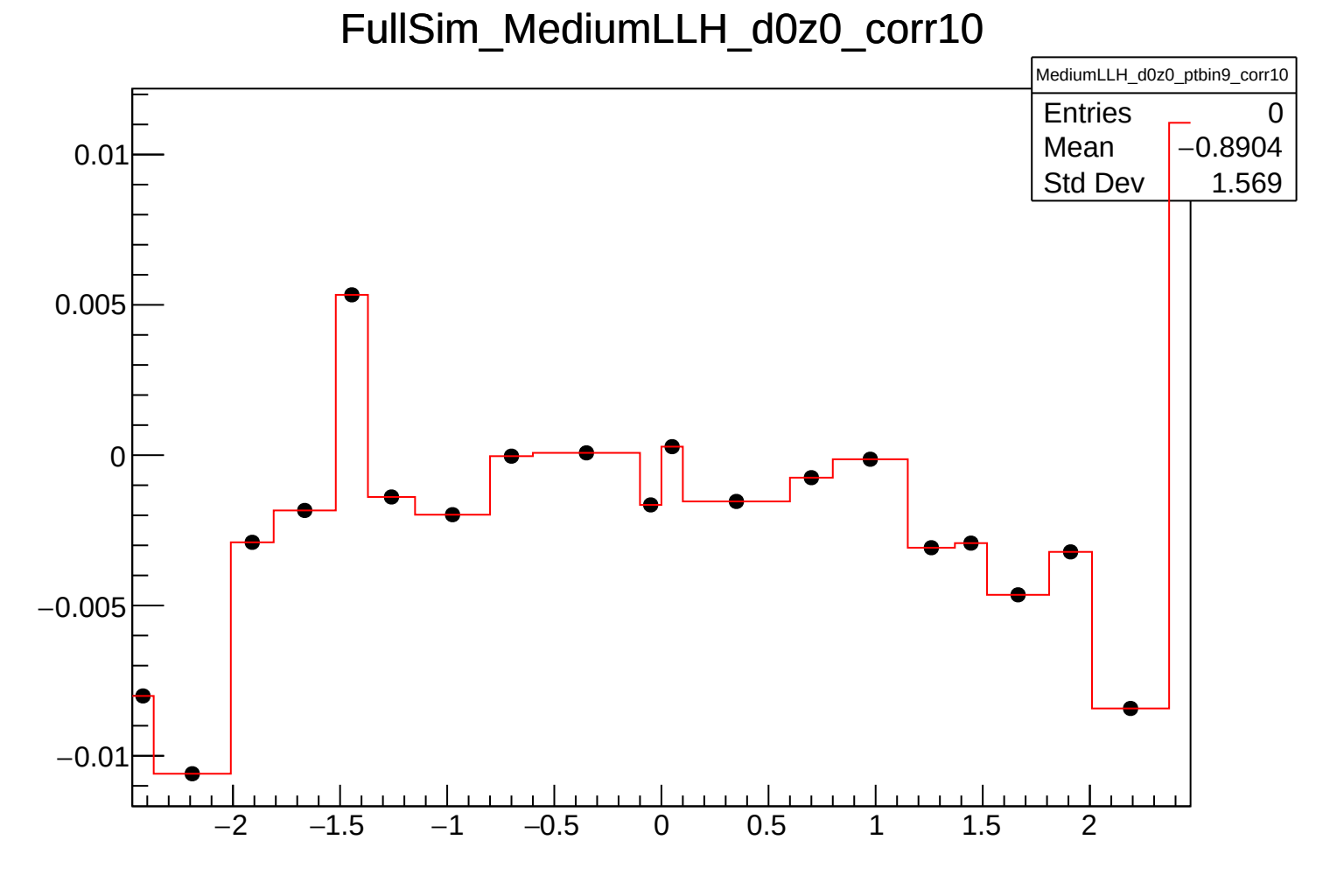
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr10
MediumLLH_d0z0_ptbin8_corr10
Entries 0
Mean 0.2196
Std Dev 0.8599
0.004
0.003
0.002
0.001
0
−0.001
−0.002
−0.003
−0.004
−0.005
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr10
MediumLLH_d0z0_ptbin9_corr10
Entries 0
Mean −0.8904
Std Dev 1.569
0.01
0.005
0
−0.005
−0.01
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−1.5
−1
−0.5
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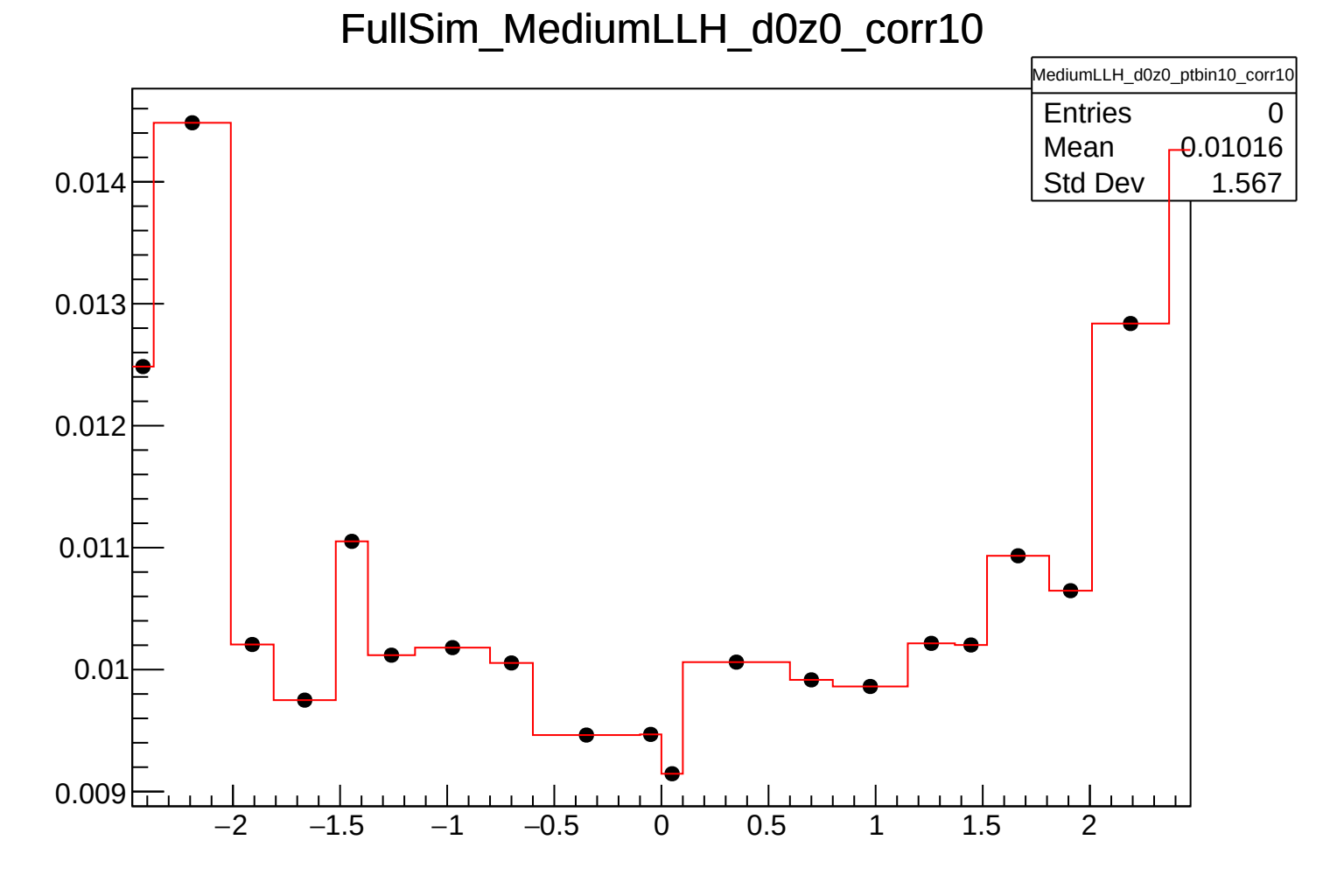
1
1.5
2


FullSim_MediumLLH_d0z0_corr10
MediumLLH_d0z0_ptbin10_corr10
Entries 0
Mean 0.01016
Std Dev 1.567
0.014
0.013
0.012
0.011
0.01
0.009
−2
−1.5
−1
−0.5
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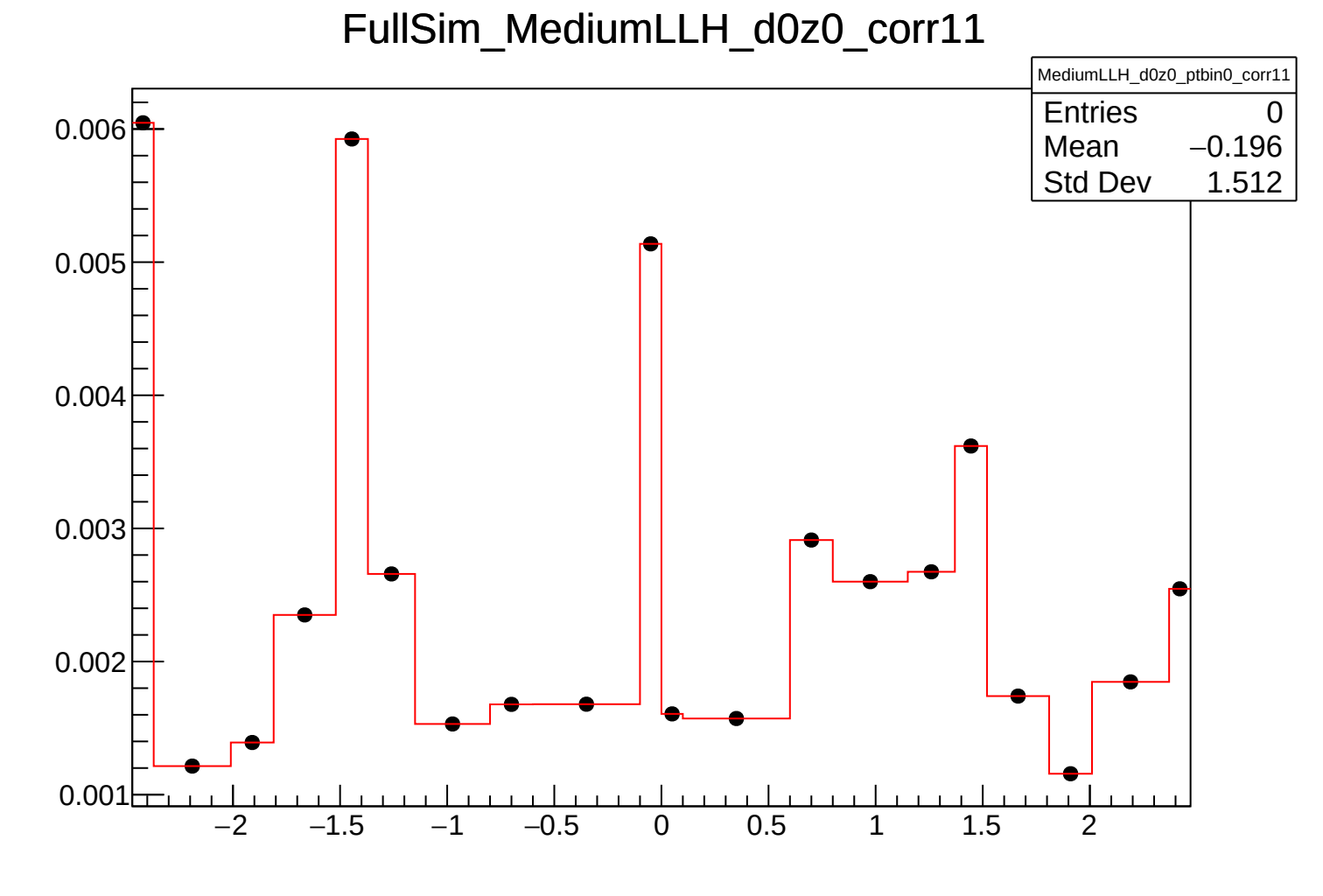
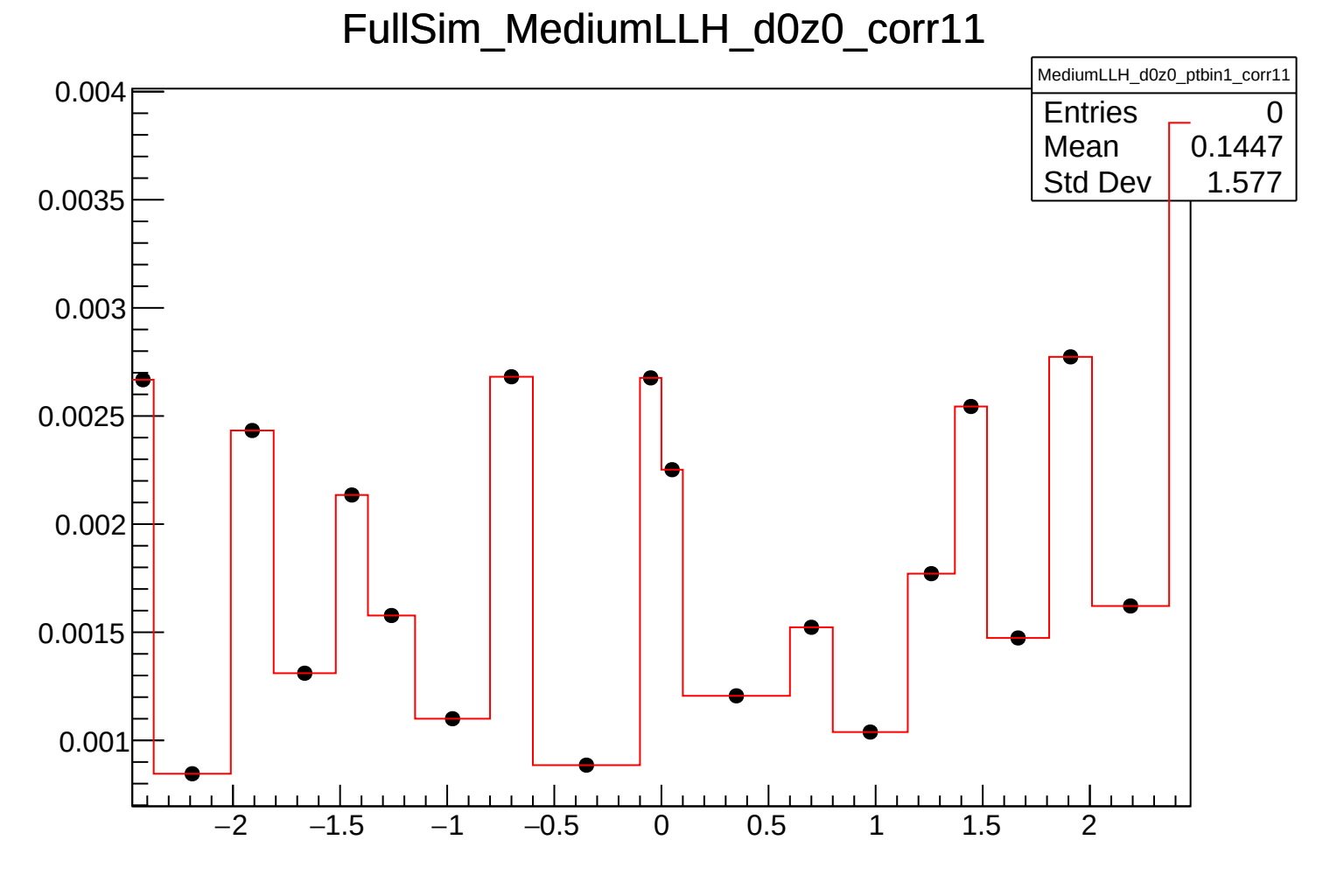
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr11
MediumLLH_d0z0_ptbin0_corr11
Entries 0
Mean −0.196
Std Dev 1.512
0.006
0.005
0.004
0.003
0.002
0.001
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr11
MediumLLH_d0z0_ptbin1_corr11
Entries 0
Mean 0.1447
Std Dev 1.577
0.004
0.0035
0.003
0.0025
0.002
0.0015
0.001
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−1.5
−1
−0.5
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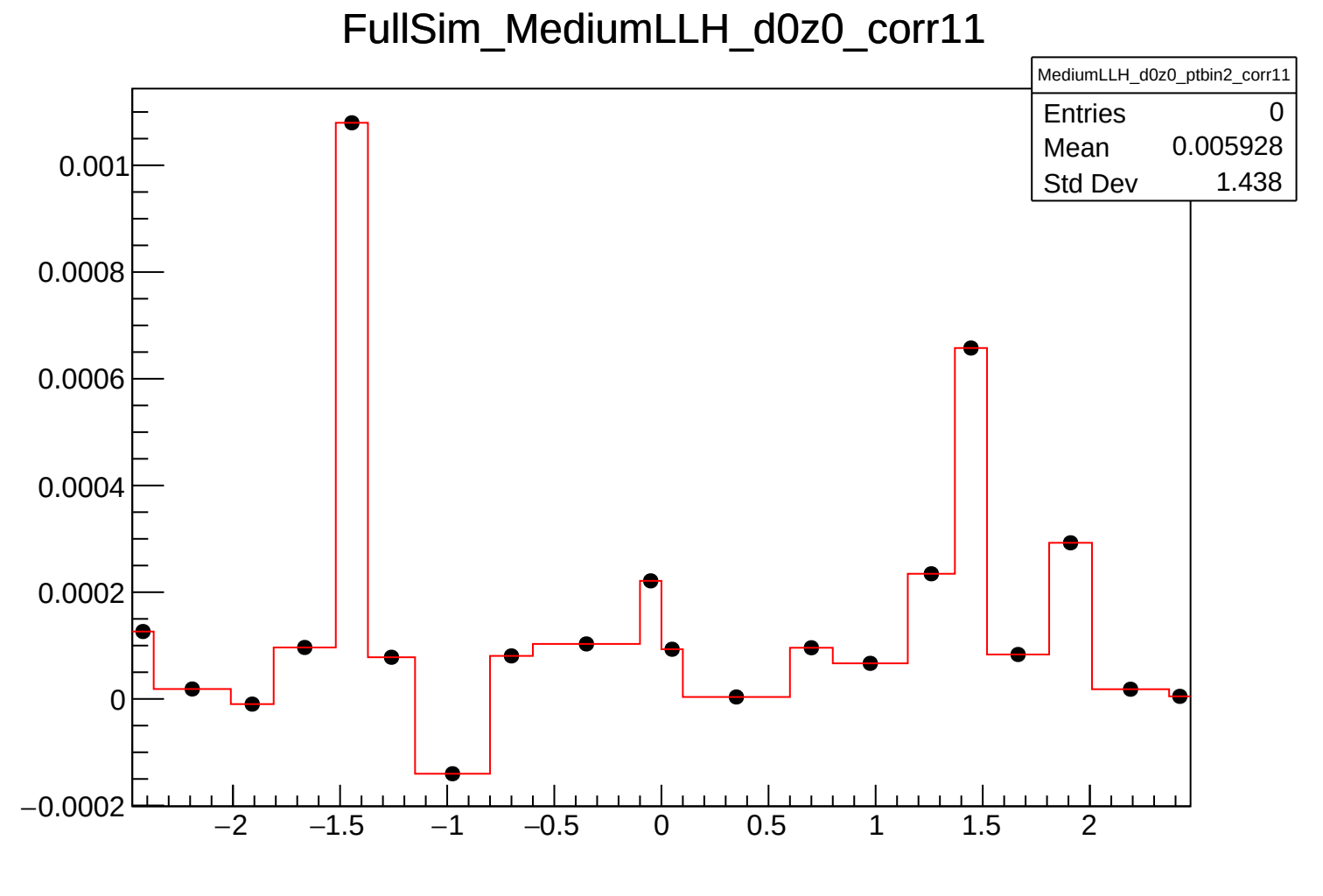
1
1.5
2


FullSim_MediumLLH_d0z0_corr11
MediumLLH_d0z0_ptbin2_corr11
Entries 0
Mean 0.005928
Std Dev 1.438
0.001
0.0008
0.0006
0.0004
0.0002
0
−0.0002
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−1.5
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1.5
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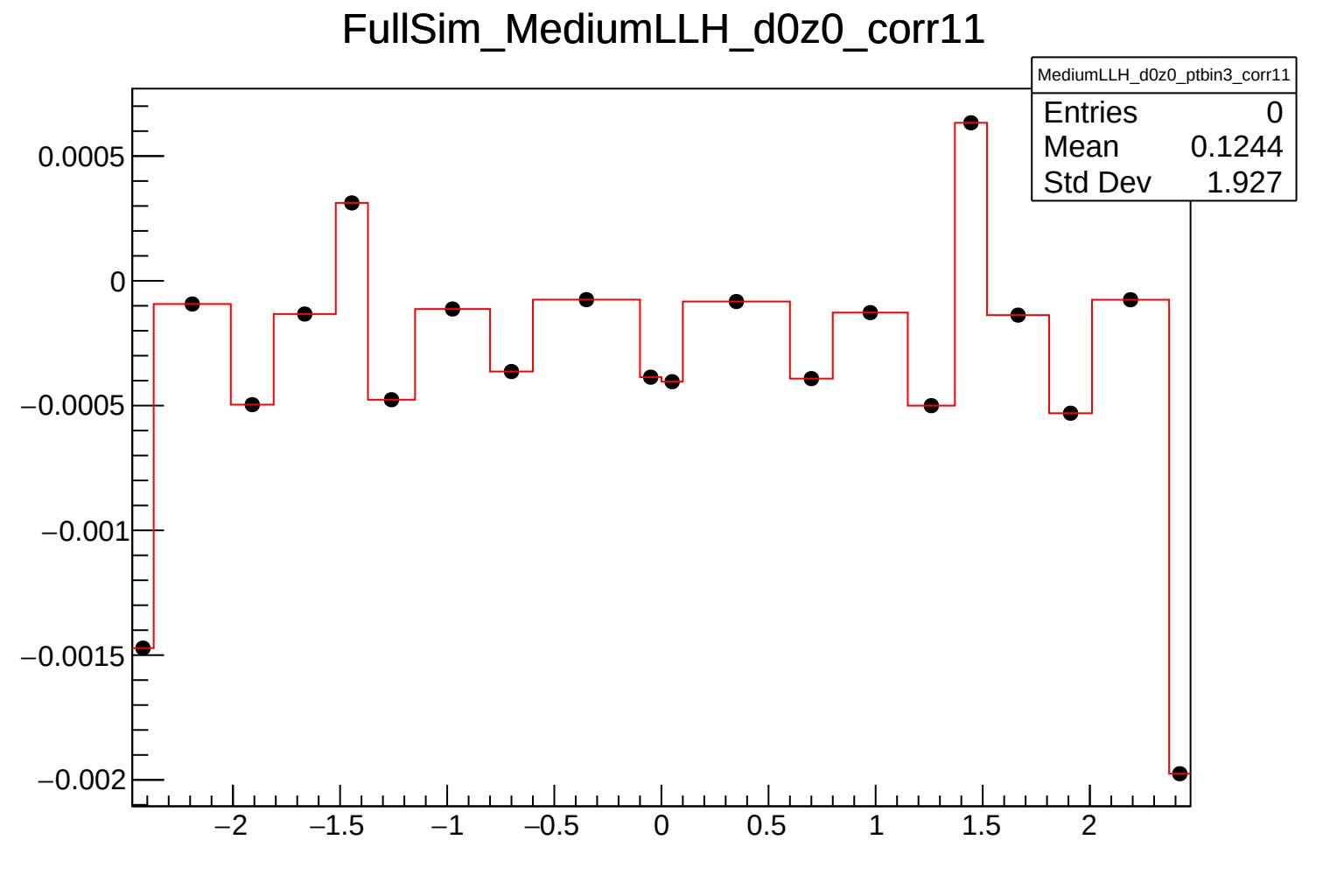
FullSim_MediumLLH_d0z0_corr11
MediumLLH_d0z0_ptbin3_corr11
Entries 0
Mean 0.1244
Std Dev 1.927
0.0005
0
−0.0005
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−0.0015
−0.002
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−1.5
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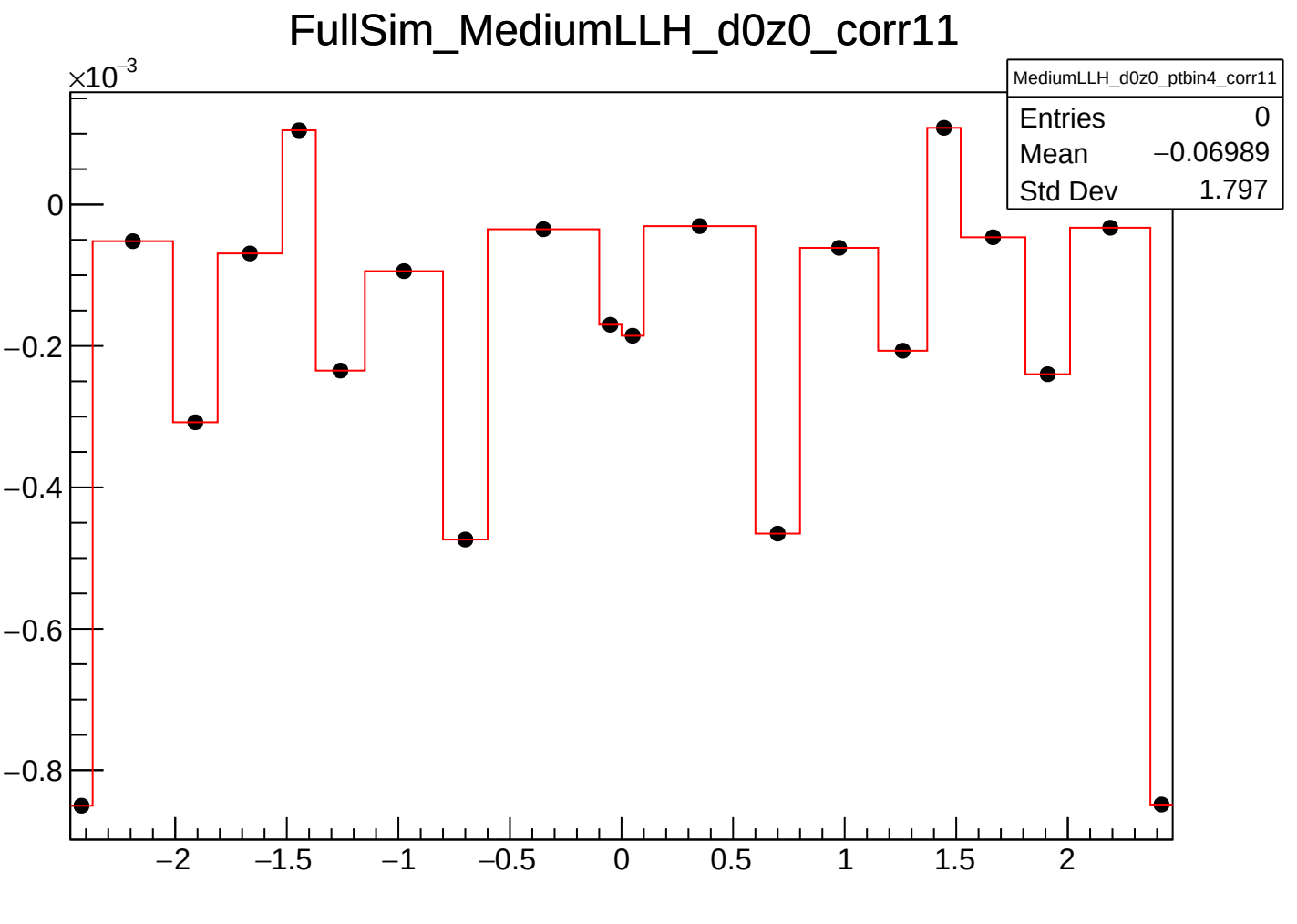
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr11
×10⁻³
MediumLLH_d0z0_ptbin4_corr11
Entries 0
Mean −0.06989
Std Dev 1.797
0
−0.2
−0.4
−0.6
−0.8
−2
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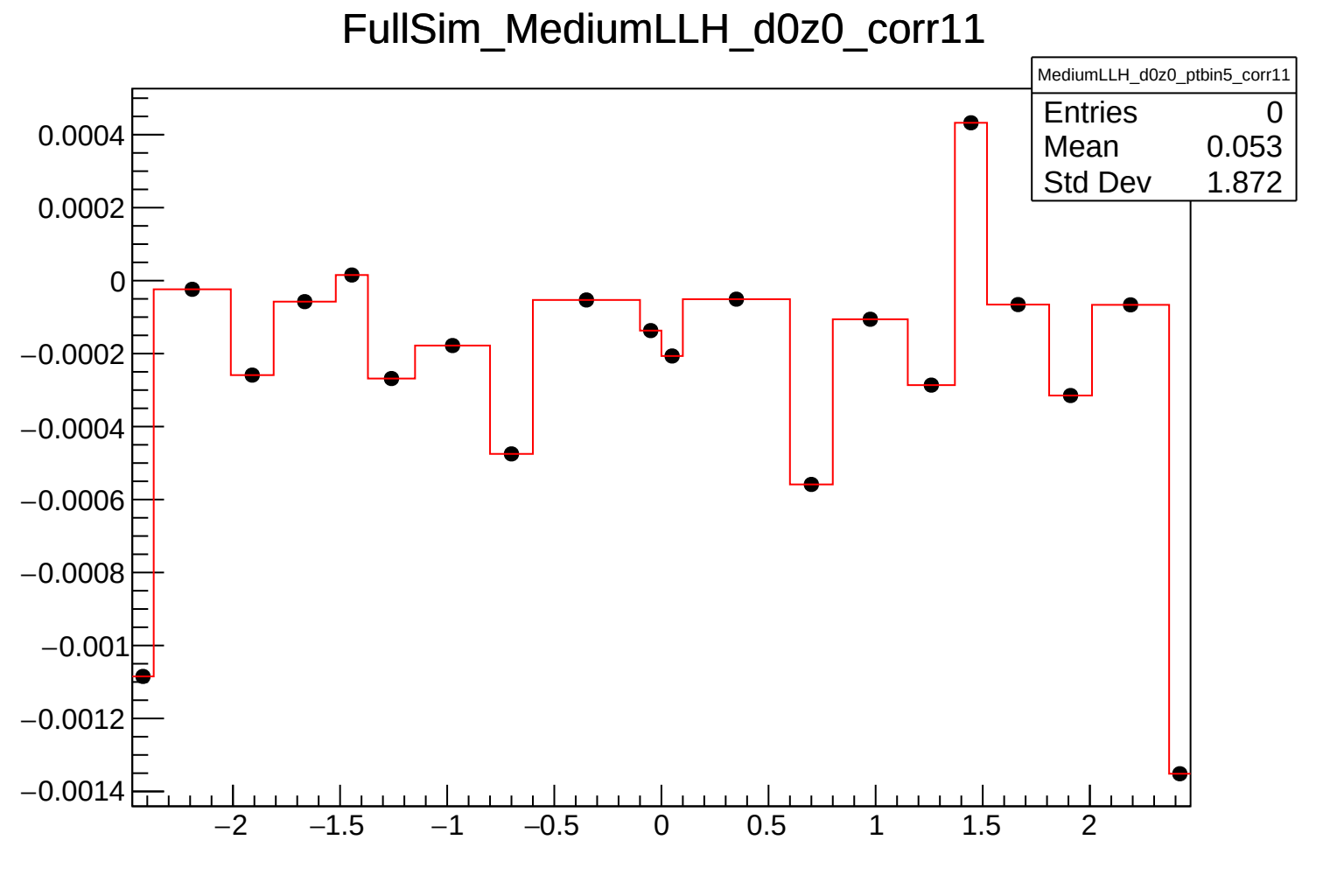
FullSim_MediumLLH_d0z0_corr11
MediumLLH_d0z0_ptbin5_corr11
Entries 0
Mean 0.053
Std Dev 1.872
0.0004
0.0002
0
−0.0002
−0.0004
−0.0006
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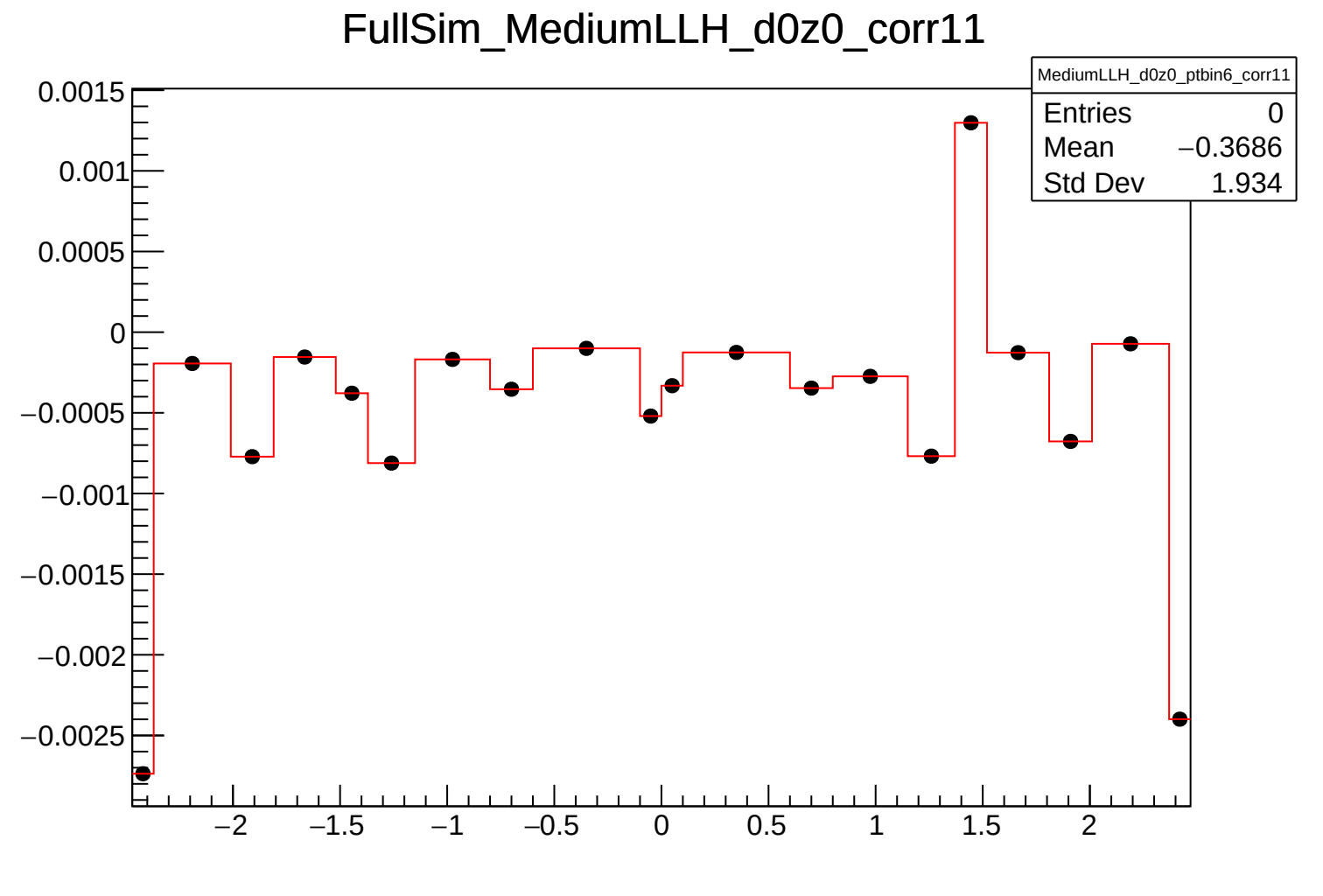
FullSim_MediumLLH_d0z0_corr11
MediumLLH_d0z0_ptbin6_corr11
Entries 0
Mean −0.3686
Std Dev 1.934
0.0015
0.001
0.0005
0
−0.0005
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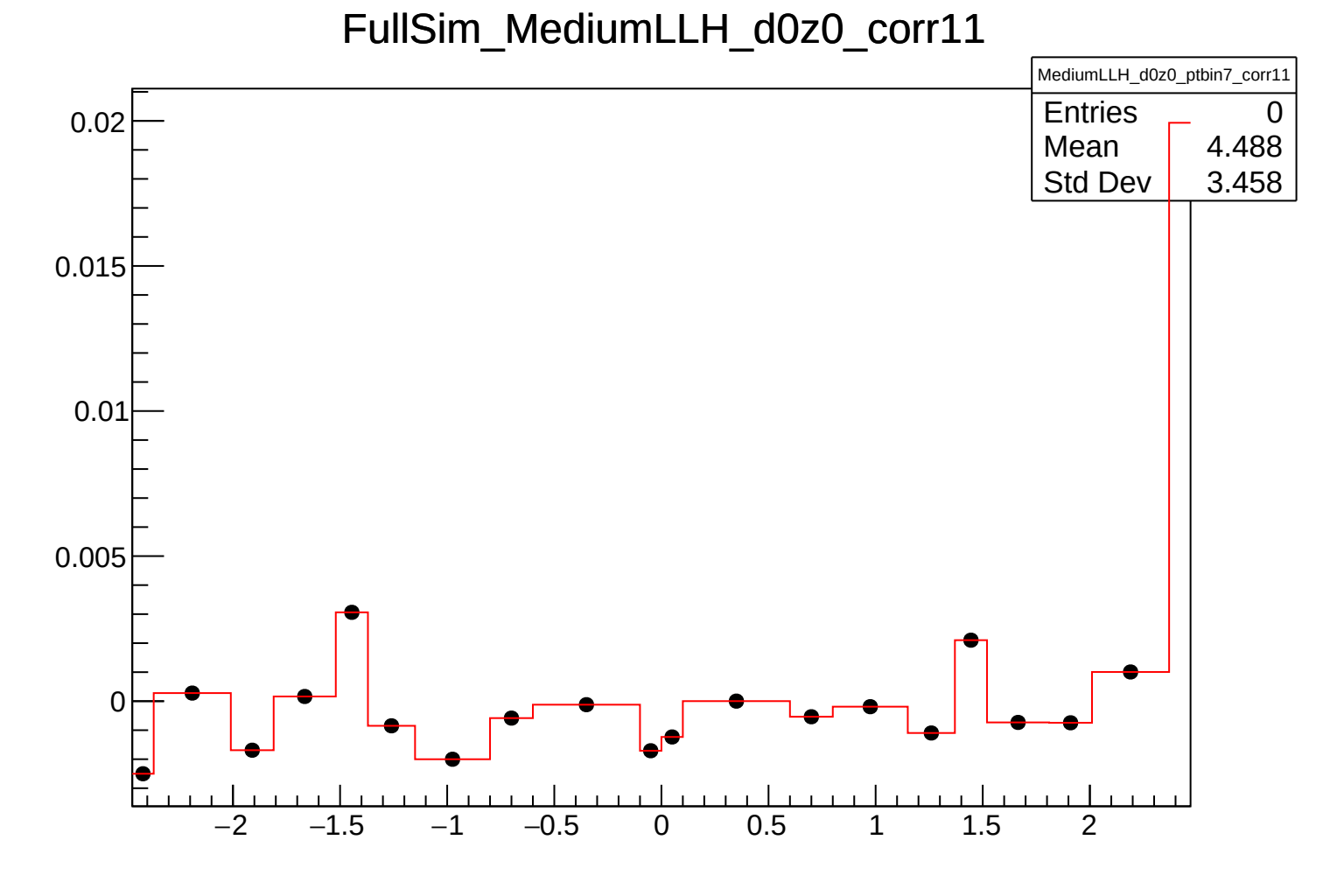
FullSim_MediumLLH_d0z0_corr11
MediumLLH_d0z0_ptbin7_corr11
Entries 0
Mean 4.488
Std Dev 3.458
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0.005
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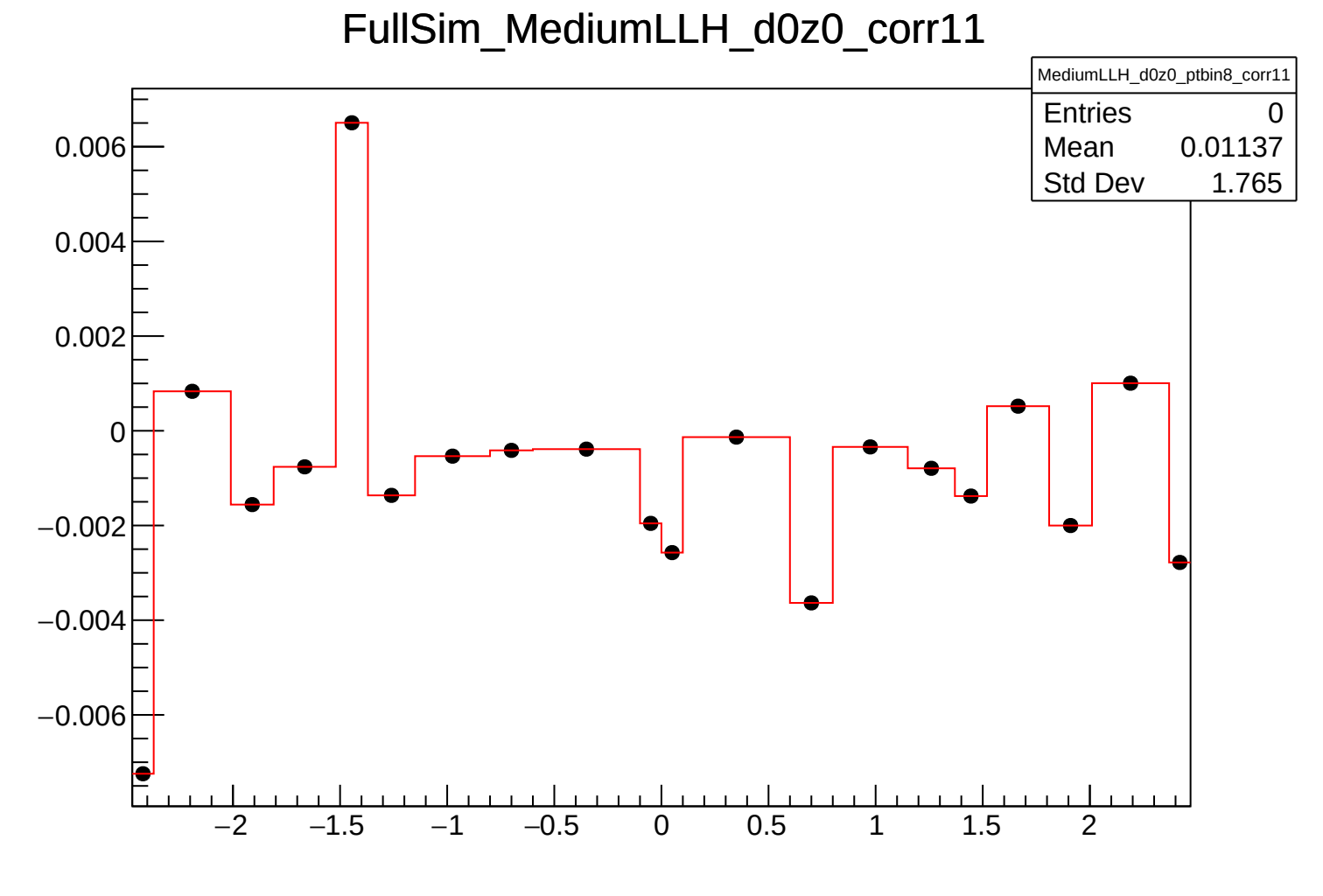
FullSim_MediumLLH_d0z0_corr11
MediumLLH_d0z0_ptbin8_corr11
Entries 0
Mean 0.01137
Std Dev 1.765
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0.004
0.002
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1.5
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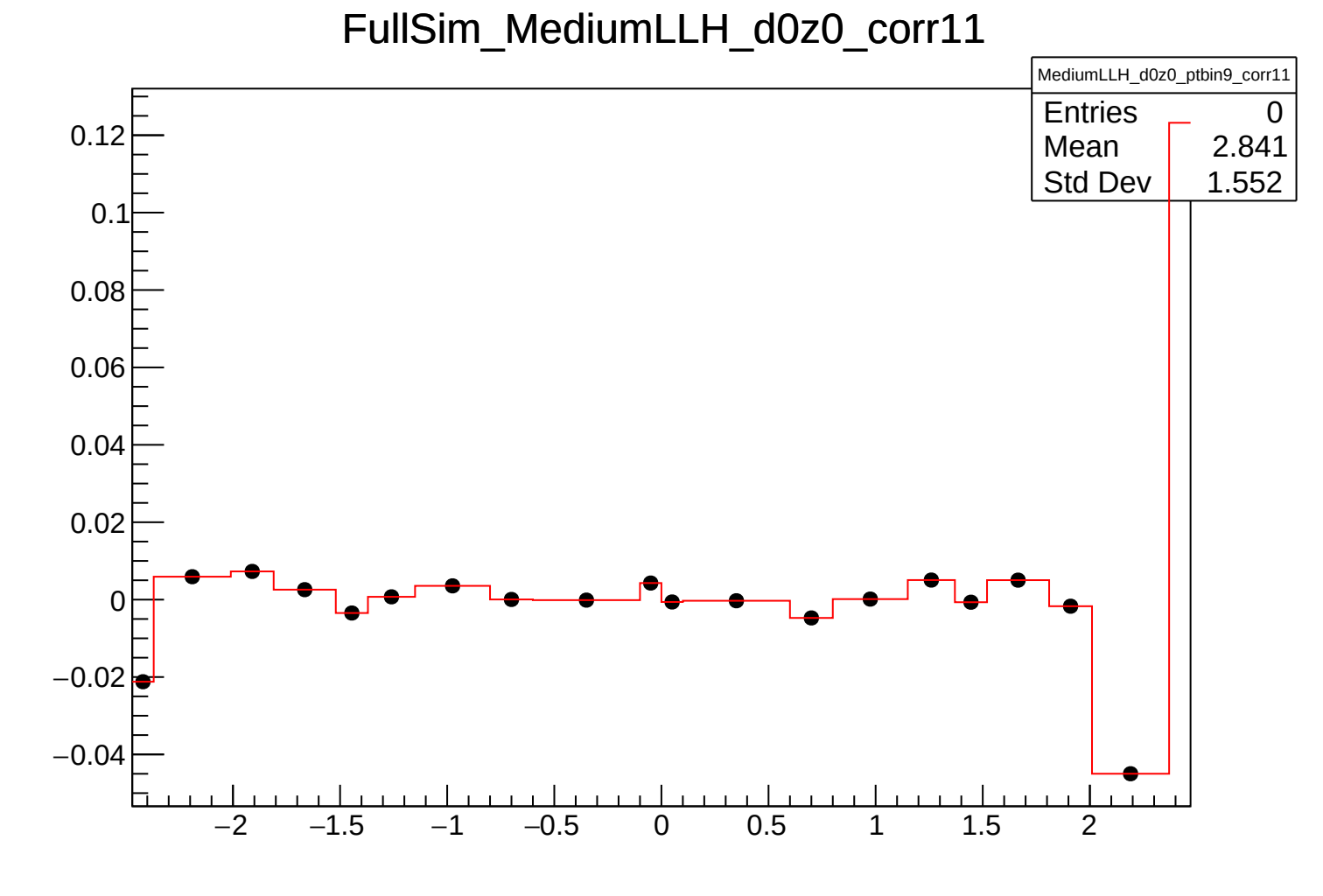
FullSim_MediumLLH_d0z0_corr11
MediumLLH_d0z0_ptbin9_corr11
Entries 0
Mean 2.841
Std Dev 1.552
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0.1
0.08
0.06
0.04
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1.5
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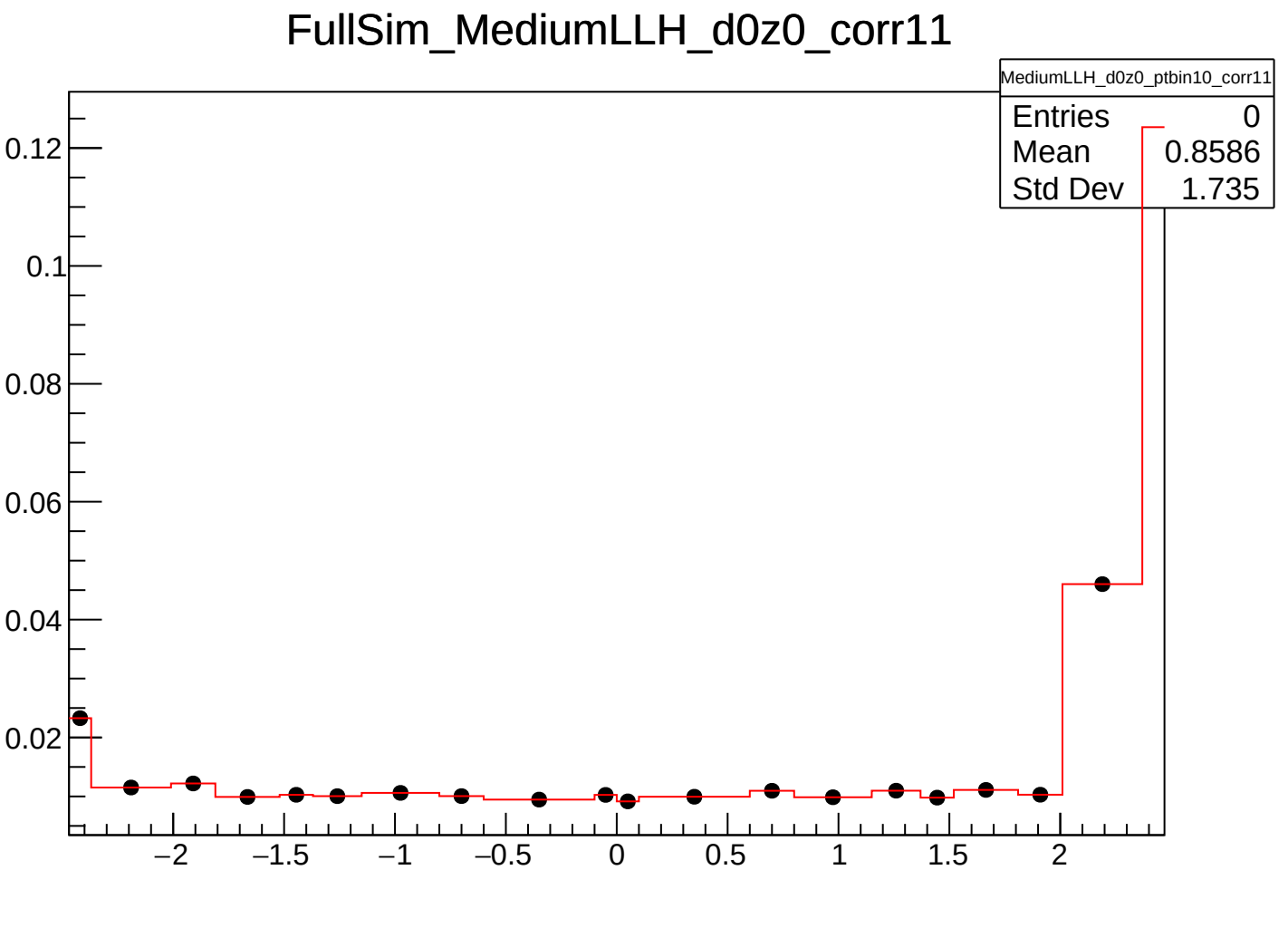
FullSim_MediumLLH_d0z0_corr11
MediumLLH_d0z0_ptbin10_corr11
Entries 0
Mean 0.8586
Std Dev 1.735
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0.1
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0.02
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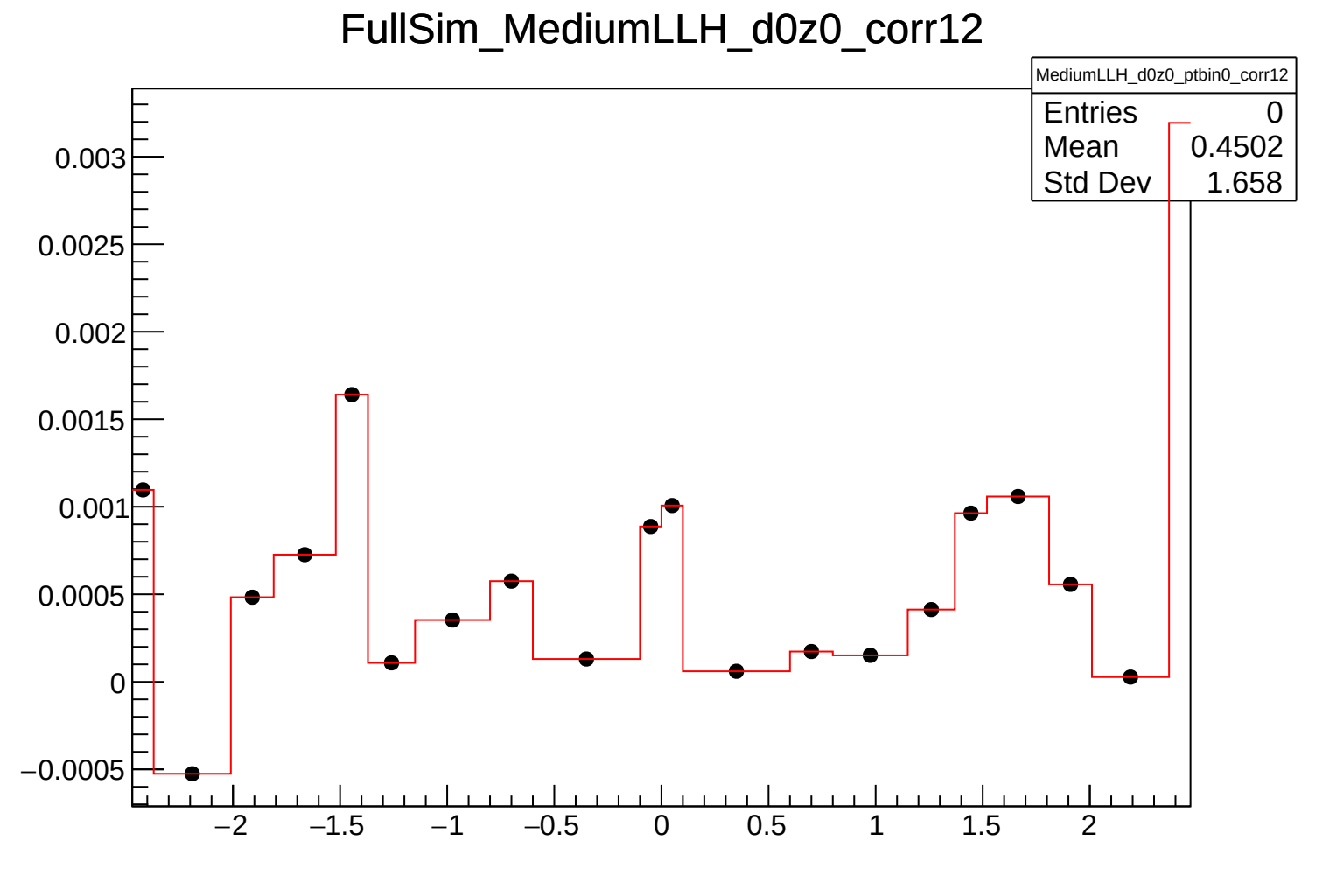
FullSim_MediumLLH_d0z0_corr12
MediumLLH_d0z0_ptbin0_corr12
Entries 0
Mean 0.4502
Std Dev 1.658
0.003
0.0025
0.002
0.0015
0.001
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1.5
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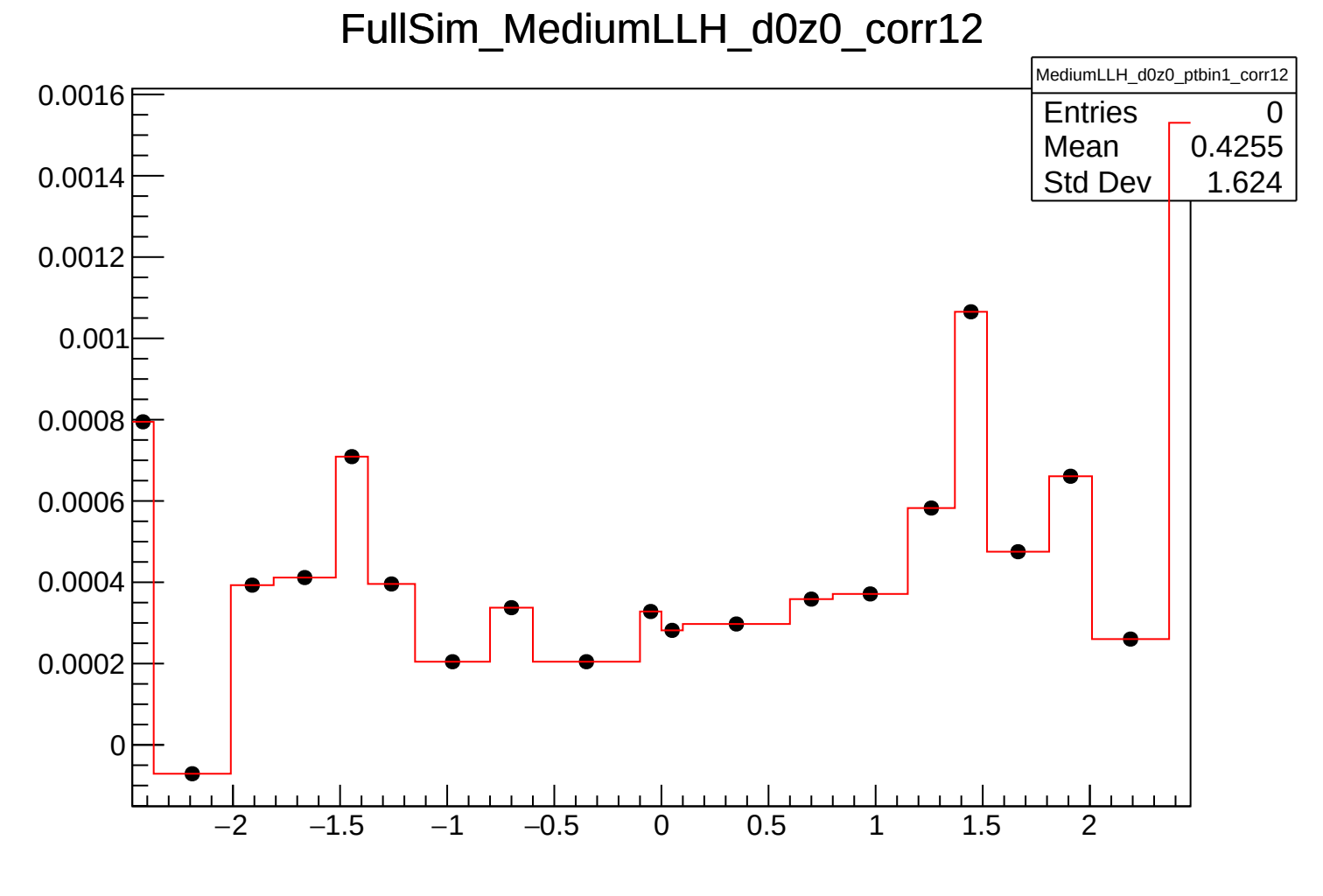
FullSim_MediumLLH_d0z0_corr12
MediumLLH_d0z0_ptbin1_corr12
Entries 0
Mean 0.4255
Std Dev 1.624
0.0016
0.0014
0.0012
0.001
0.0008
0.0006
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0.0002
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1
1.5
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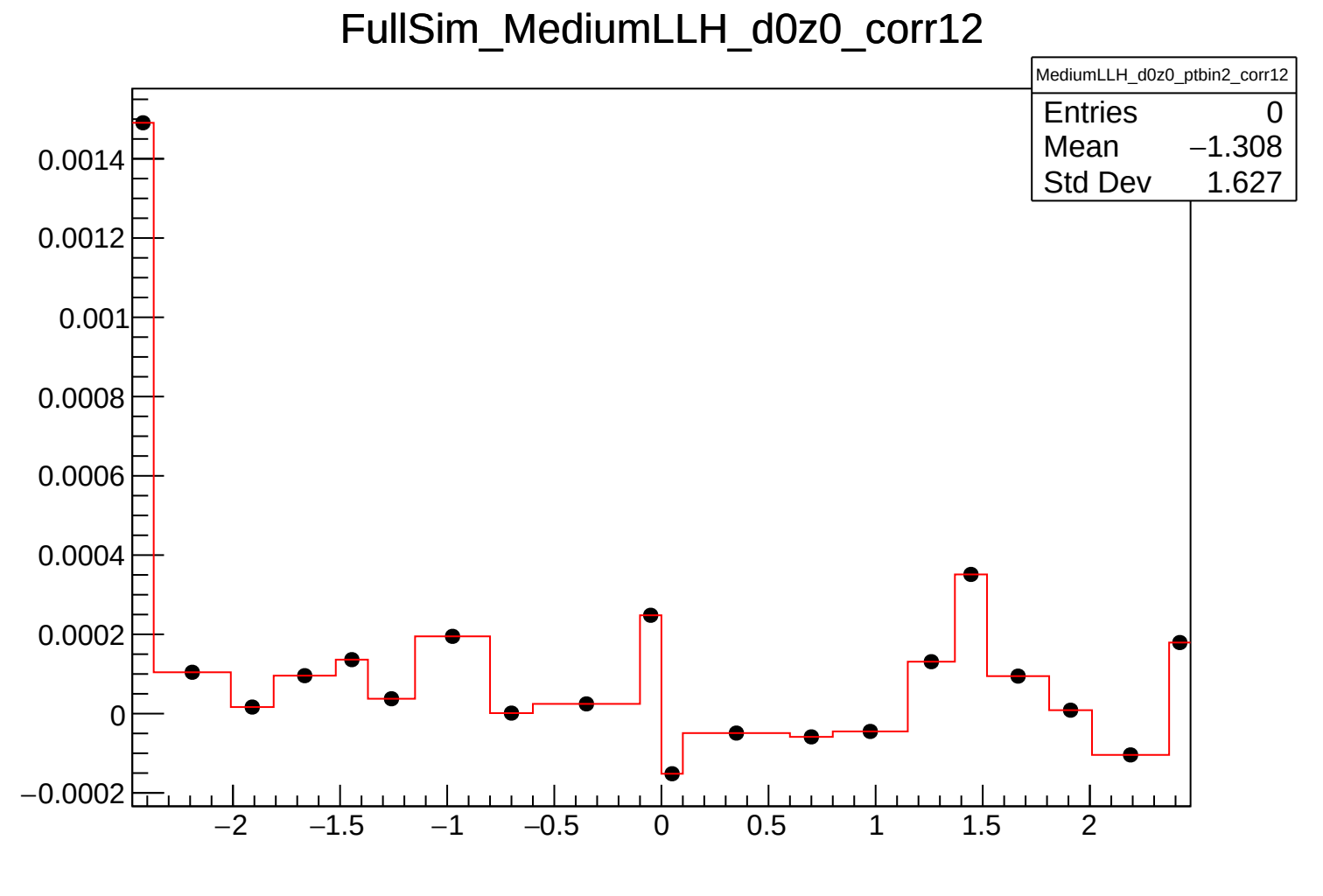
FullSim_MediumLLH_d0z0_corr12
MediumLLH_d0z0_ptbin2_corr12
Entries 0
Mean −1.308
Std Dev 1.627
0.0014
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
0
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−2
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1
1.5
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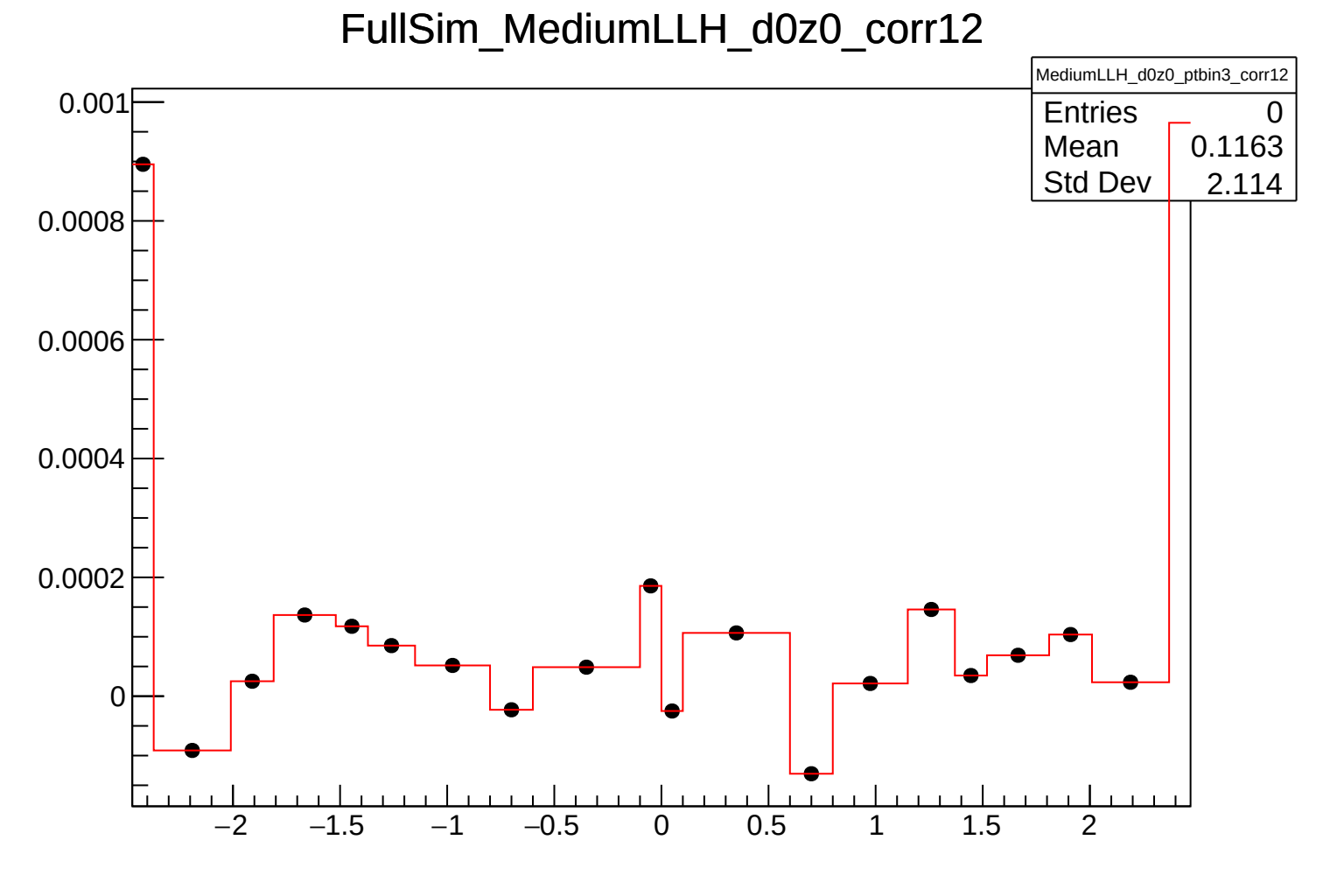
FullSim_MediumLLH_d0z0_corr12
MediumLLH_d0z0_ptbin3_corr12
Entries 0
Mean 0.1163
Std Dev 2.114
0.001
0.0008
0.0006
0.0004
0.0002
0
−2
−1.5
−1
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1
1.5
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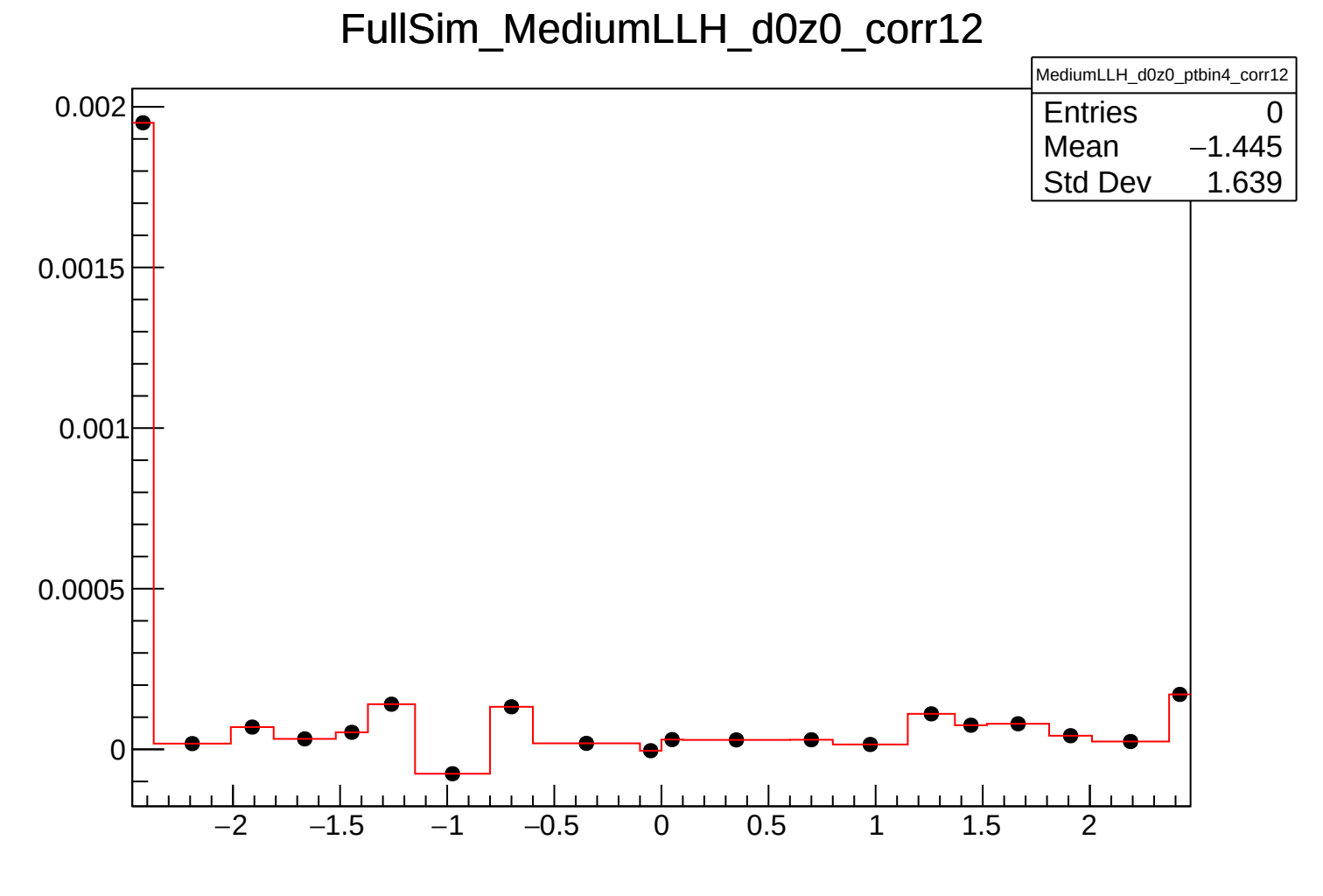
FullSim_MediumLLH_d0z0_corr12
MediumLLH_d0z0_ptbin4_corr12
Entries 0
Mean −1.445
Std Dev 1.639
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0.0015
0.001
0.0005
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1.5
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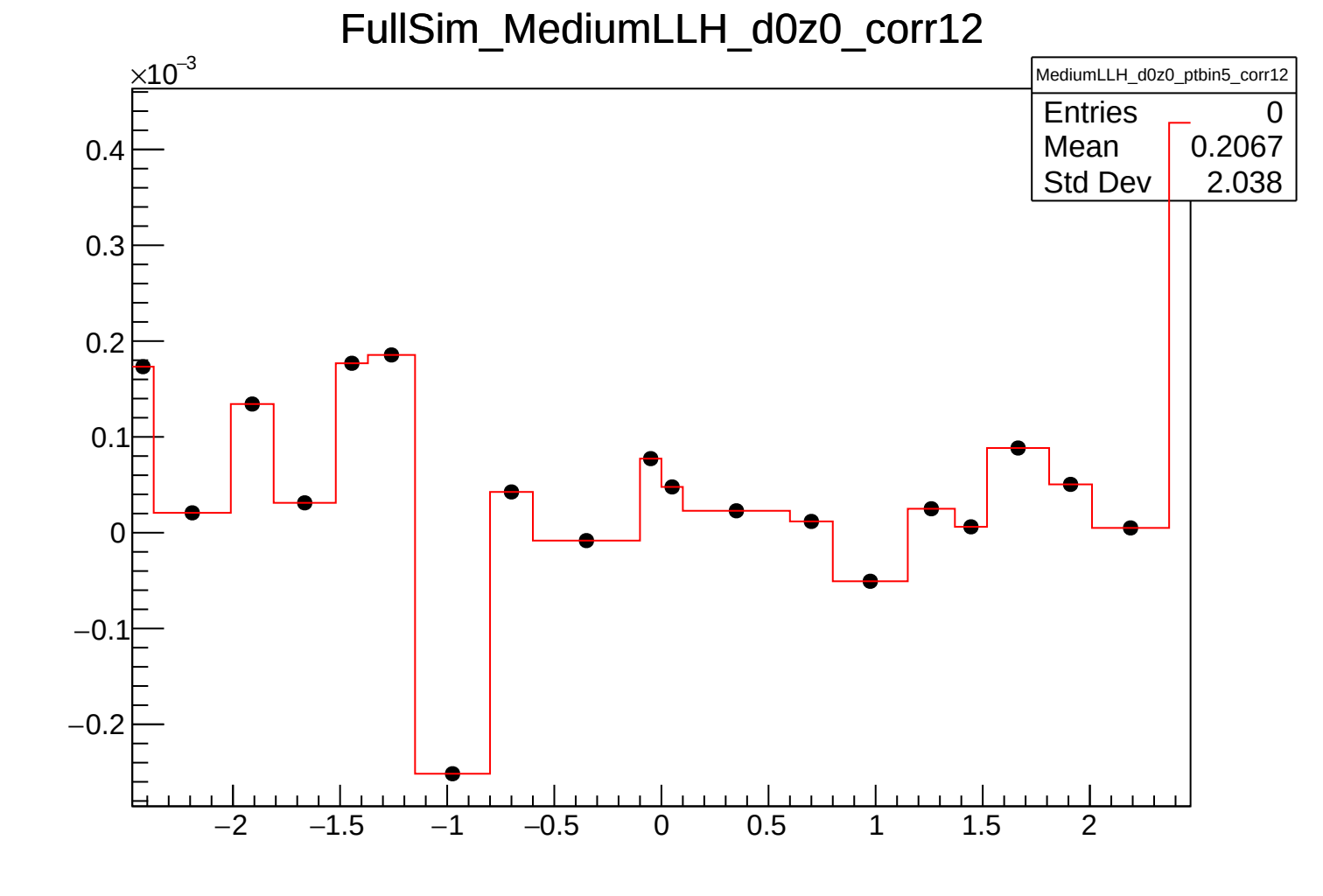
FullSim_MediumLLH_d0z0_corr12
×10^−3
MediumLLH_d0z0_ptbin5_corr12
Entries 0
Mean 0.2067
Std Dev 2.038
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−2
−1.5
−1
−0.5
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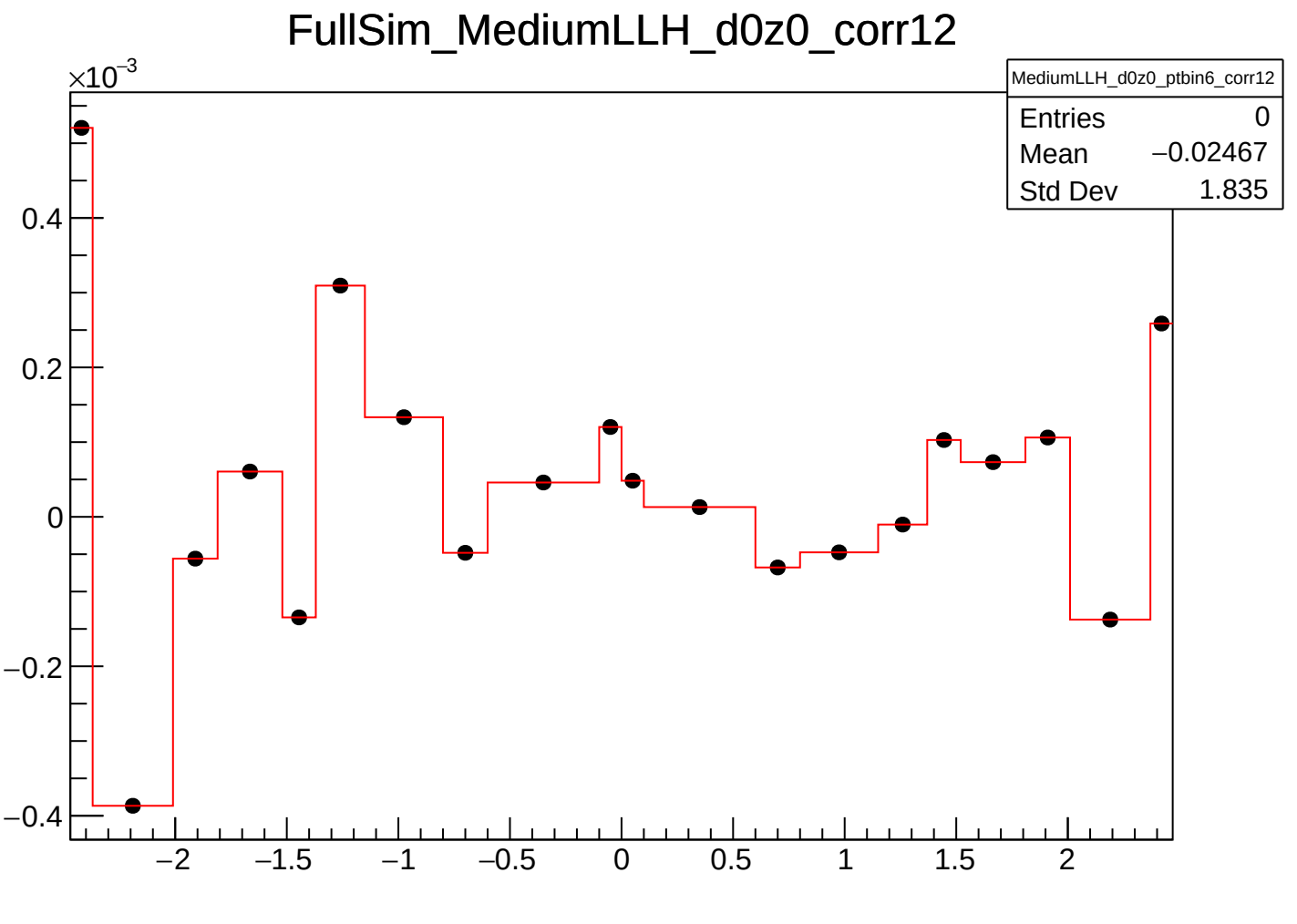
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr12
×10^−3
MediumLLH_d0z0_ptbin6_corr12
Entries 0
Mean −0.02467
Std Dev 1.835
0.4
0.2
0
−0.2
−0.4
−2
−1.5
−1
−0.5
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1
1.5
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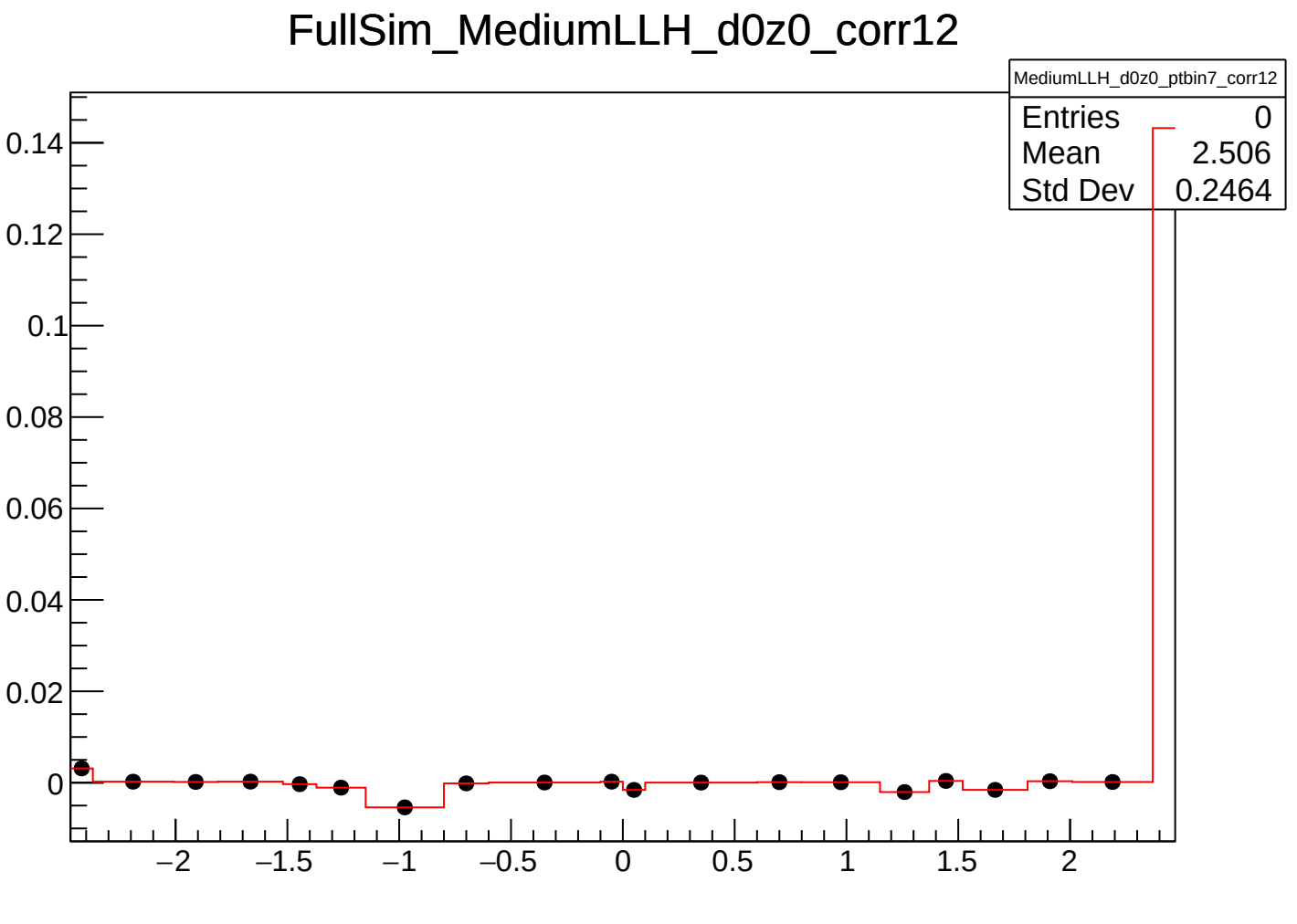
FullSim_MediumLLH_d0z0_corr12
MediumLLH_d0z0_ptbin7_corr12
Entries 0
Mean 2.506
Std Dev 0.2464
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0.12
0.1
0.08
0.06
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0.02
0
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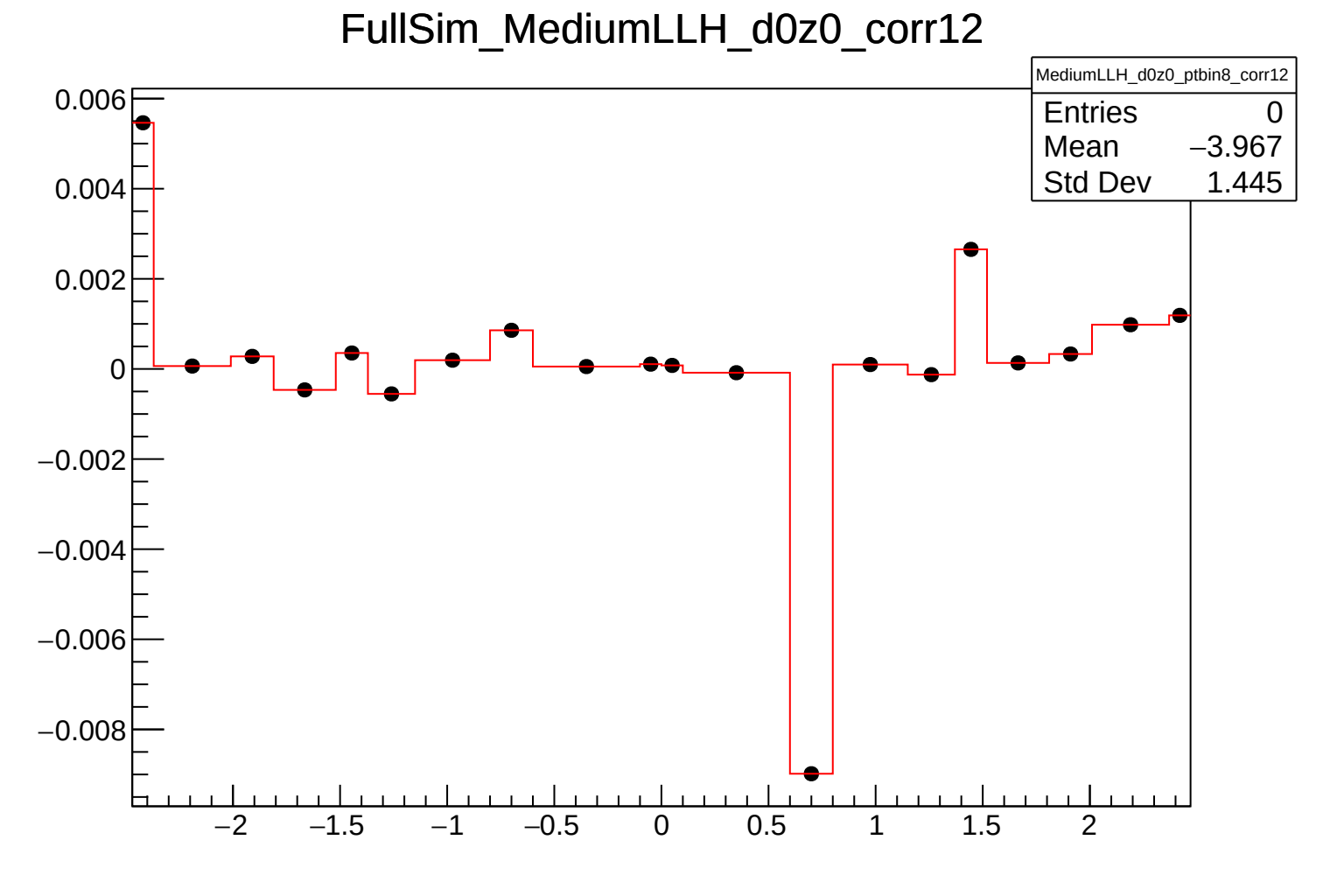
FullSim_MediumLLH_d0z0_corr12
MediumLLH_d0z0_ptbin8_corr12
Entries 0
Mean −3.967
Std Dev 1.445
0.006
0.004
0.002
0
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−0.008
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1
1.5
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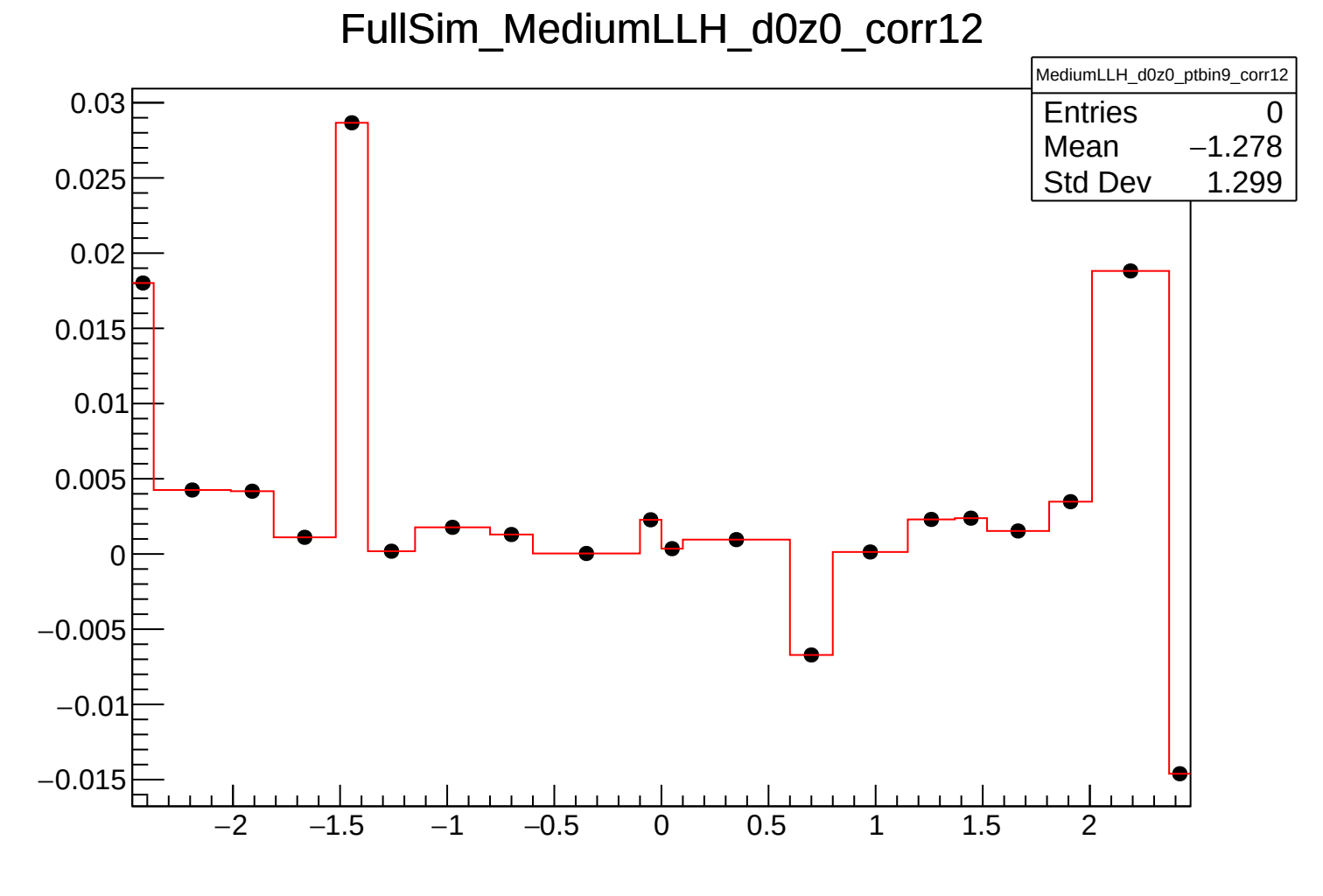
FullSim_MediumLLH_d0z0_corr12
MediumLLH_d0z0_ptbin9_corr12
Entries 0
Mean −1.278
Std Dev 1.299
0.03
0.025
0.02
0.015
0.01
0.005
0
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−0.015
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0
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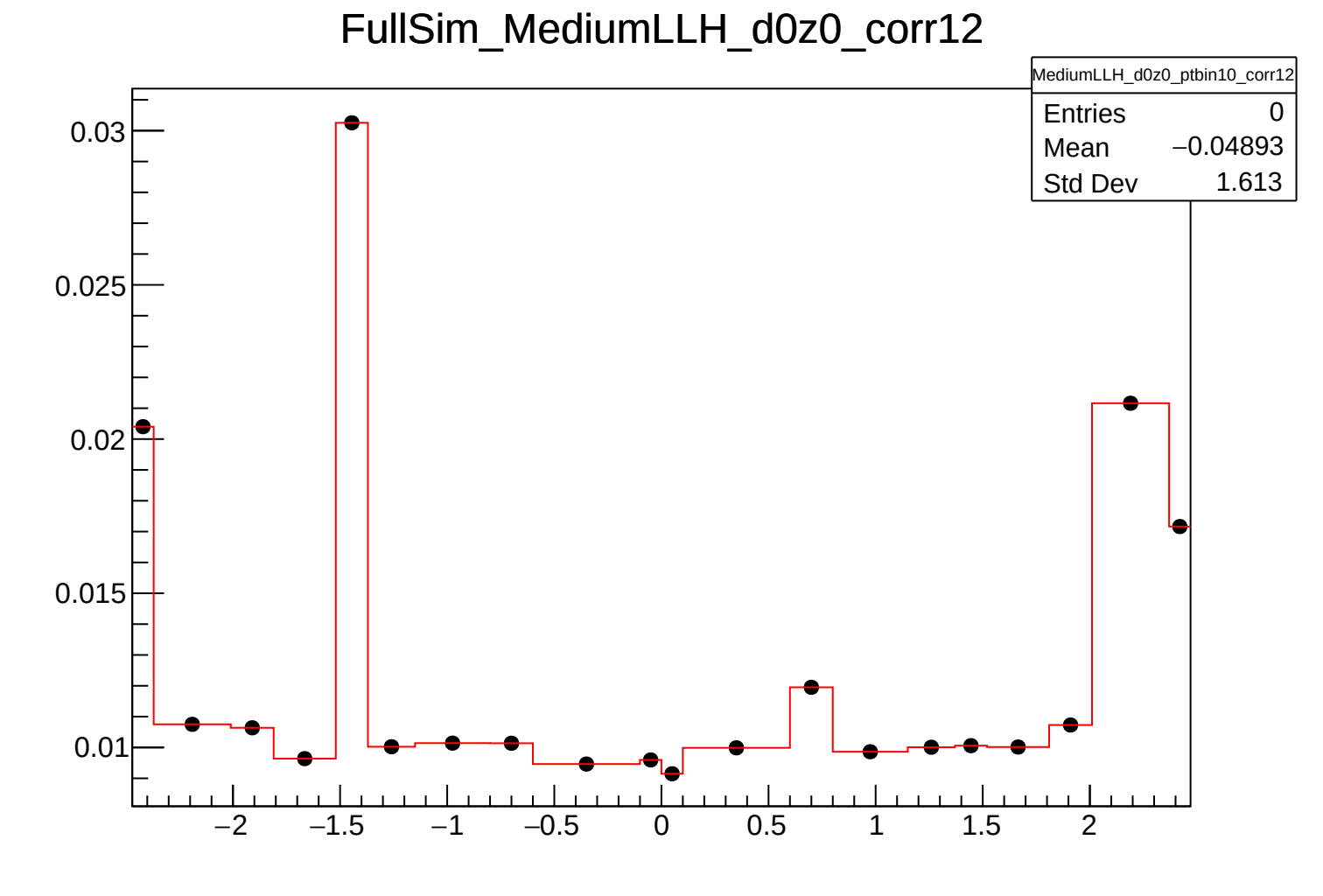
1
1.5
2


FullSim_MediumLLH_d0z0_corr12
MediumLLH_d0z0_ptbin10_corr12
Entries 0
Mean −0.04893
Std Dev 1.613
0.03
0.025
0.02
0.015
0.01
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−1.5
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1.5
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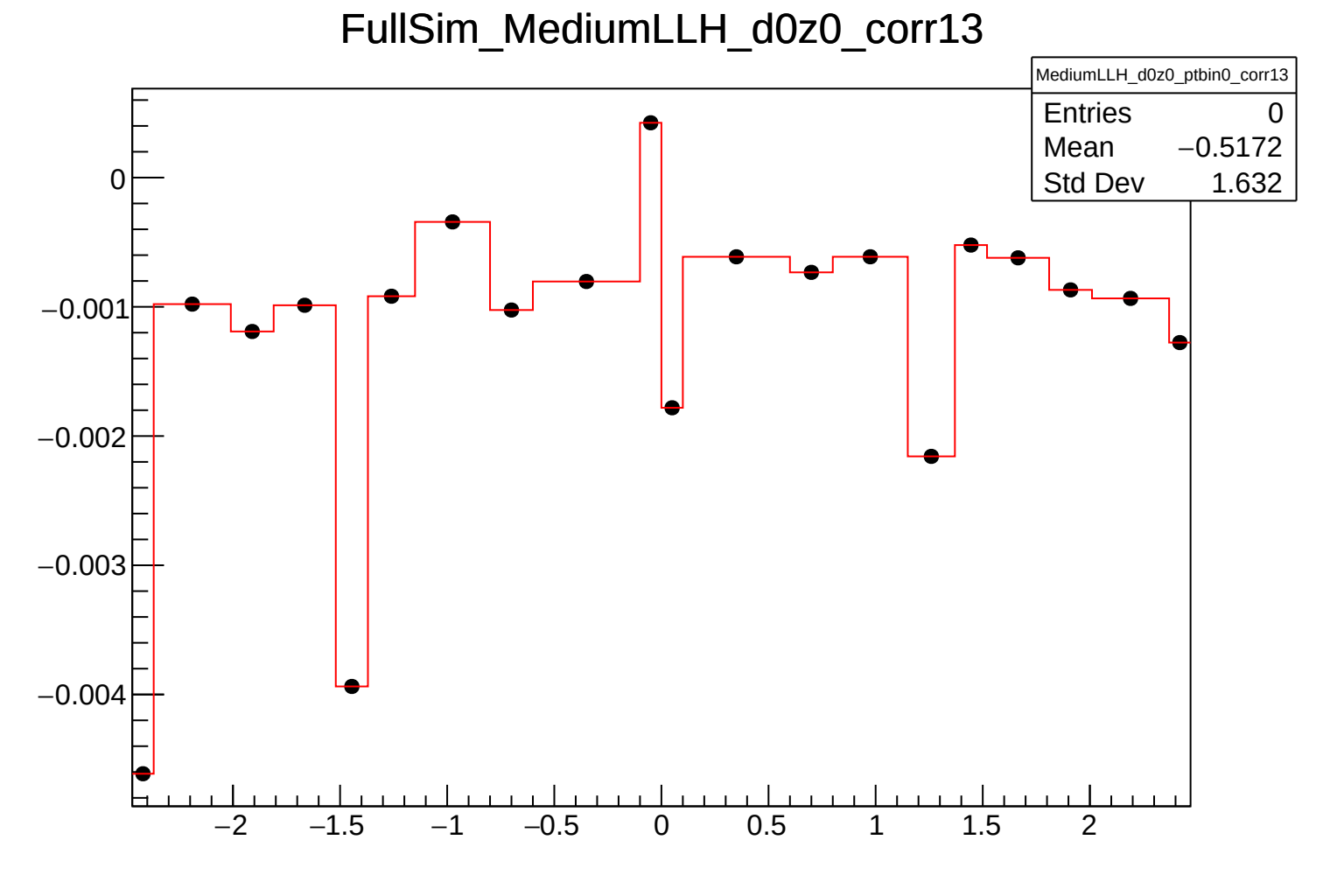
FullSim_MediumLLH_d0z0_corr13
MediumLLH_d0z0_ptbin0_corr13
Entries 0
Mean −0.5172
Std Dev 1.632
0
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−0.002
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−0.004
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−1
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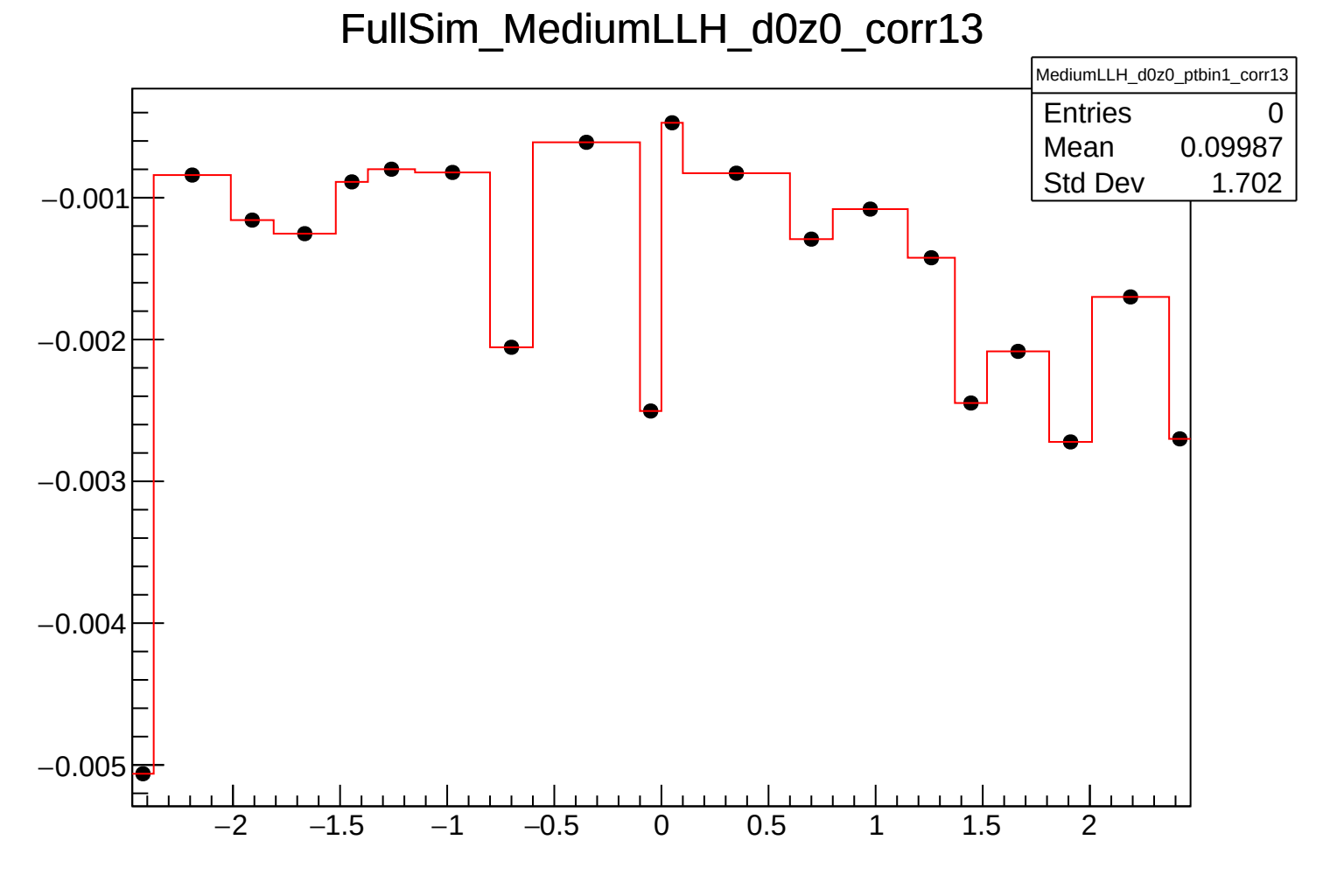
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr13
MediumLLH_d0z0_ptbin1_corr13
Entries 0
Mean 0.09987
Std Dev 1.702
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−0.005
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1.5
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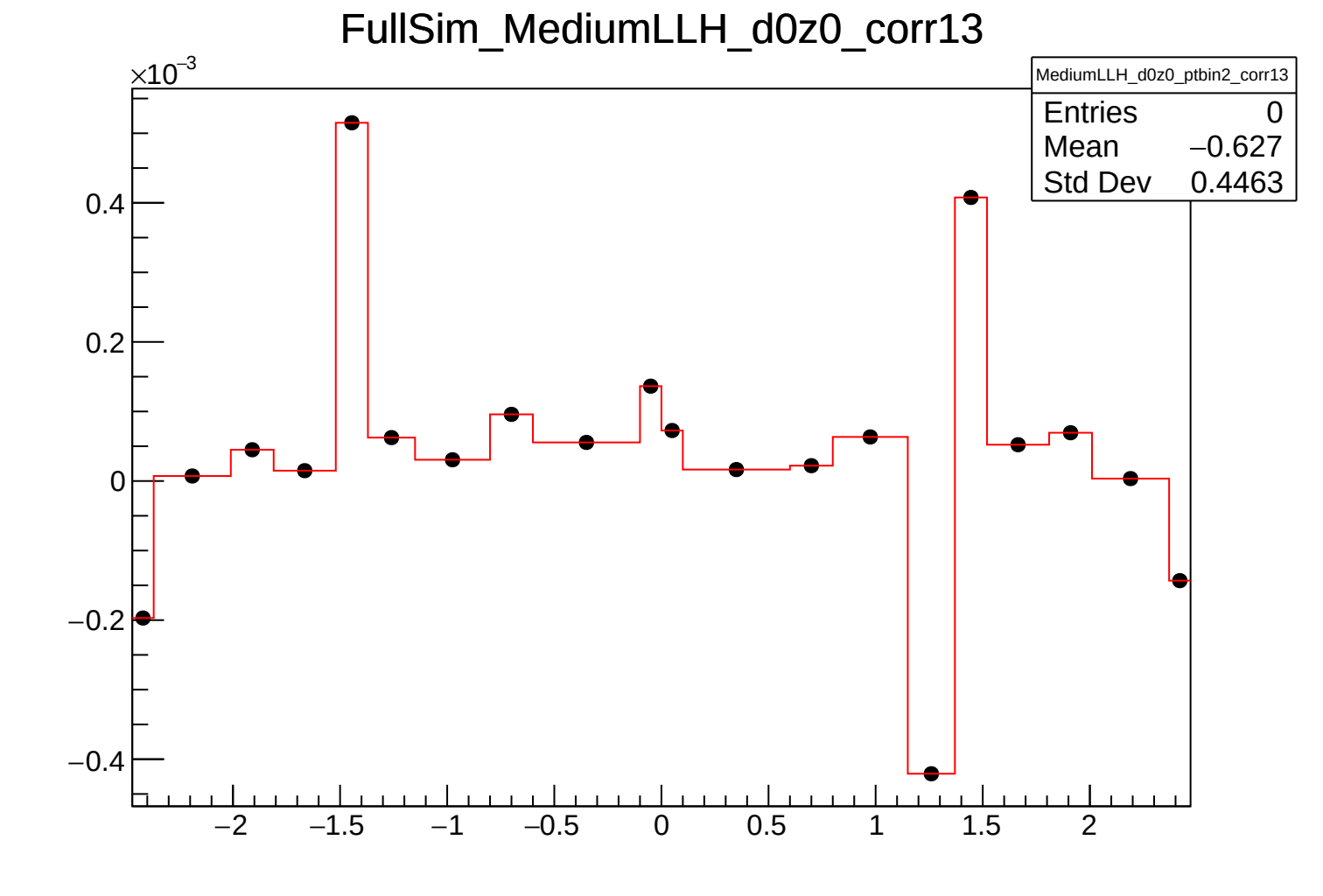
FullSim_MediumLLH_d0z0_corr13
×10^−3
MediumLLH_d0z0_ptbin2_corr13
Entries 0
Mean −0.627
Std Dev 0.4463
0.4
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−0.2
−0.4
−2
−1.5
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−0.5
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1.5
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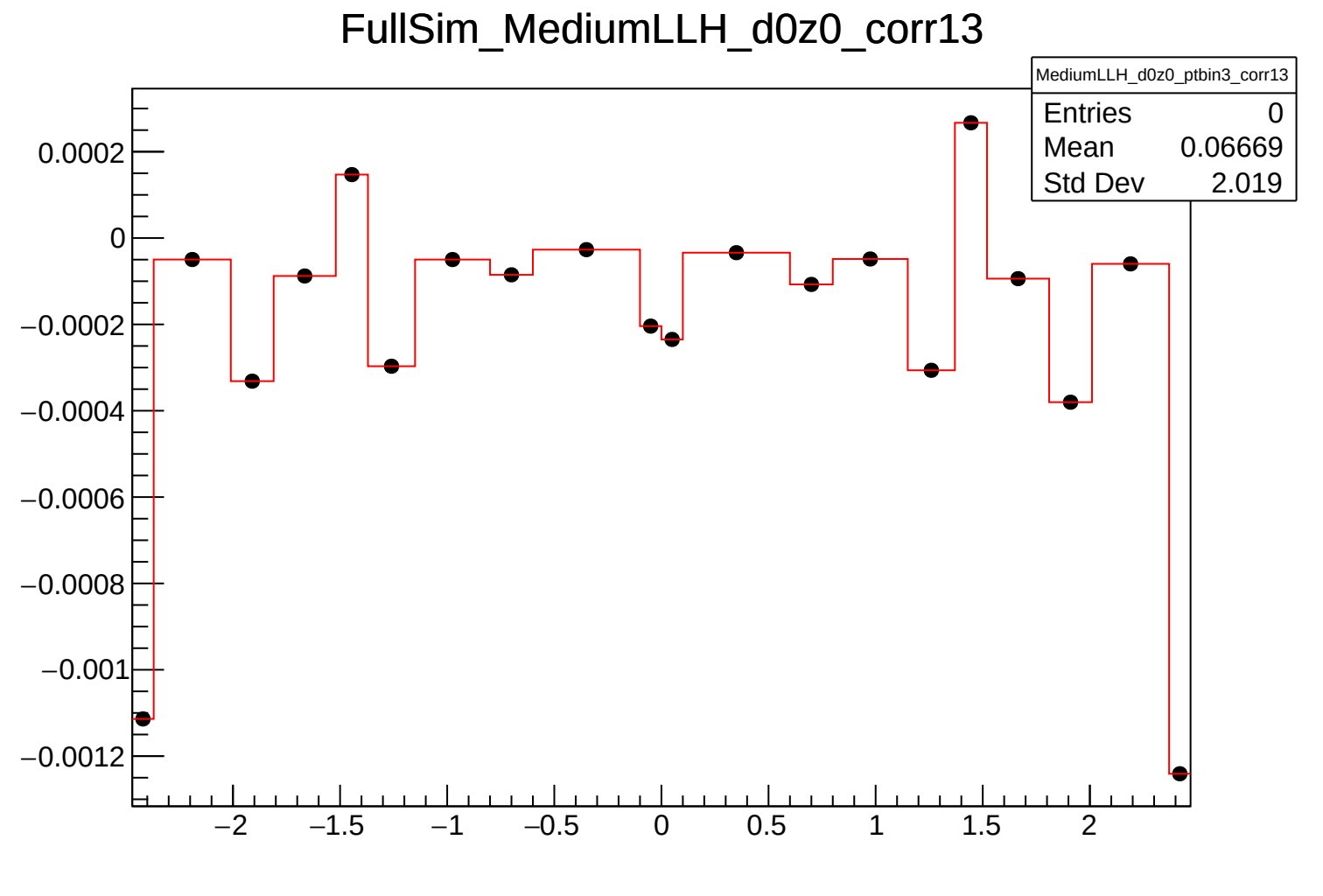
FullSim_MediumLLH_d0z0_corr13
MediumLLH_d0z0_ptbin3_corr13
Entries 0
Mean 0.06669
Std Dev 2.019
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0
−0.0002
−0.0004
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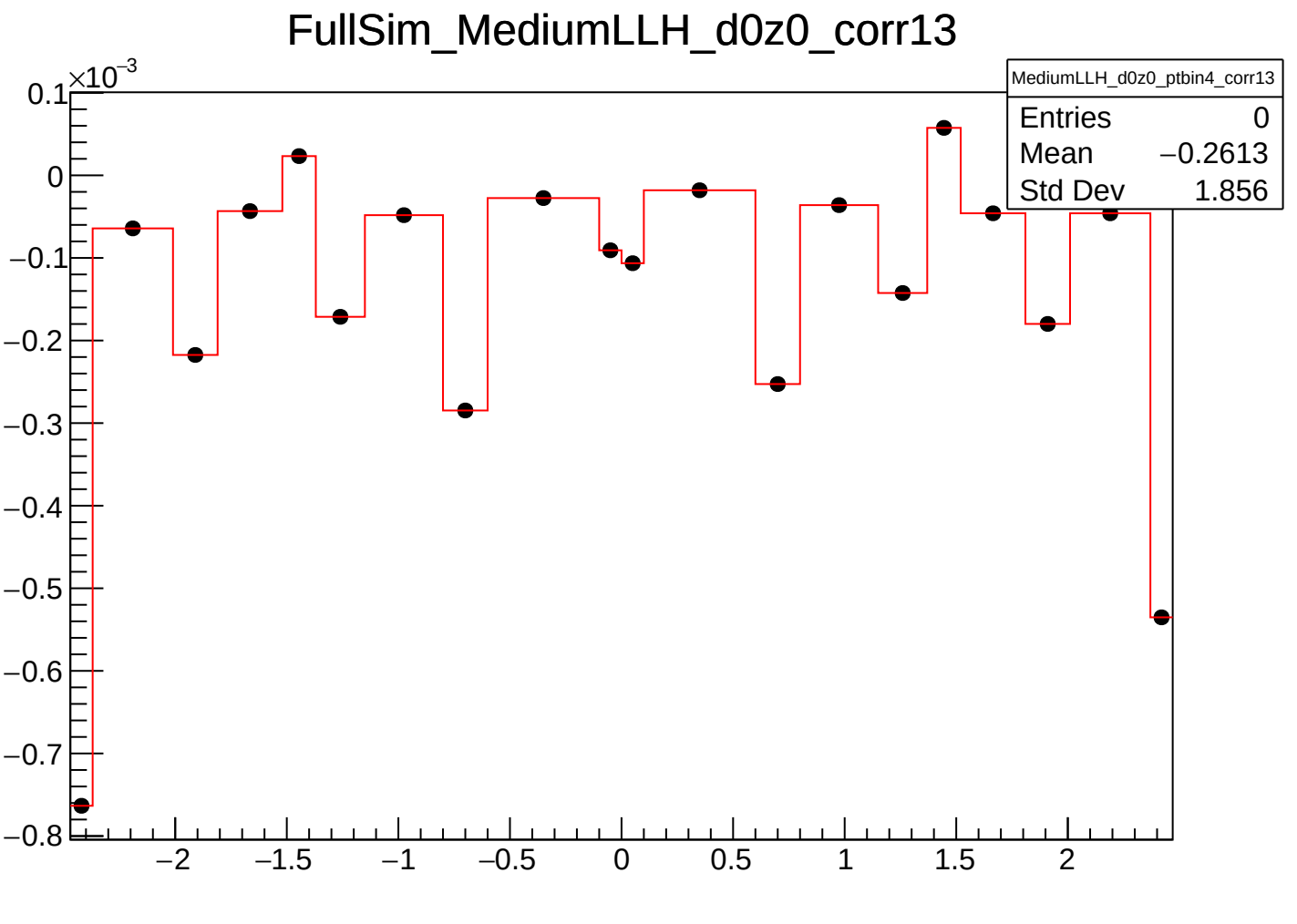
1
1.5
2


FullSim_MediumLLH_d0z0_corr13
MediumLLH_d0z0_ptbin4_corr13
Entries 0
Mean −0.2613
Std Dev 1.856
×10^−3
0.1
0
−0.1
−0.2
−0.3
−0.4
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−1
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1.5
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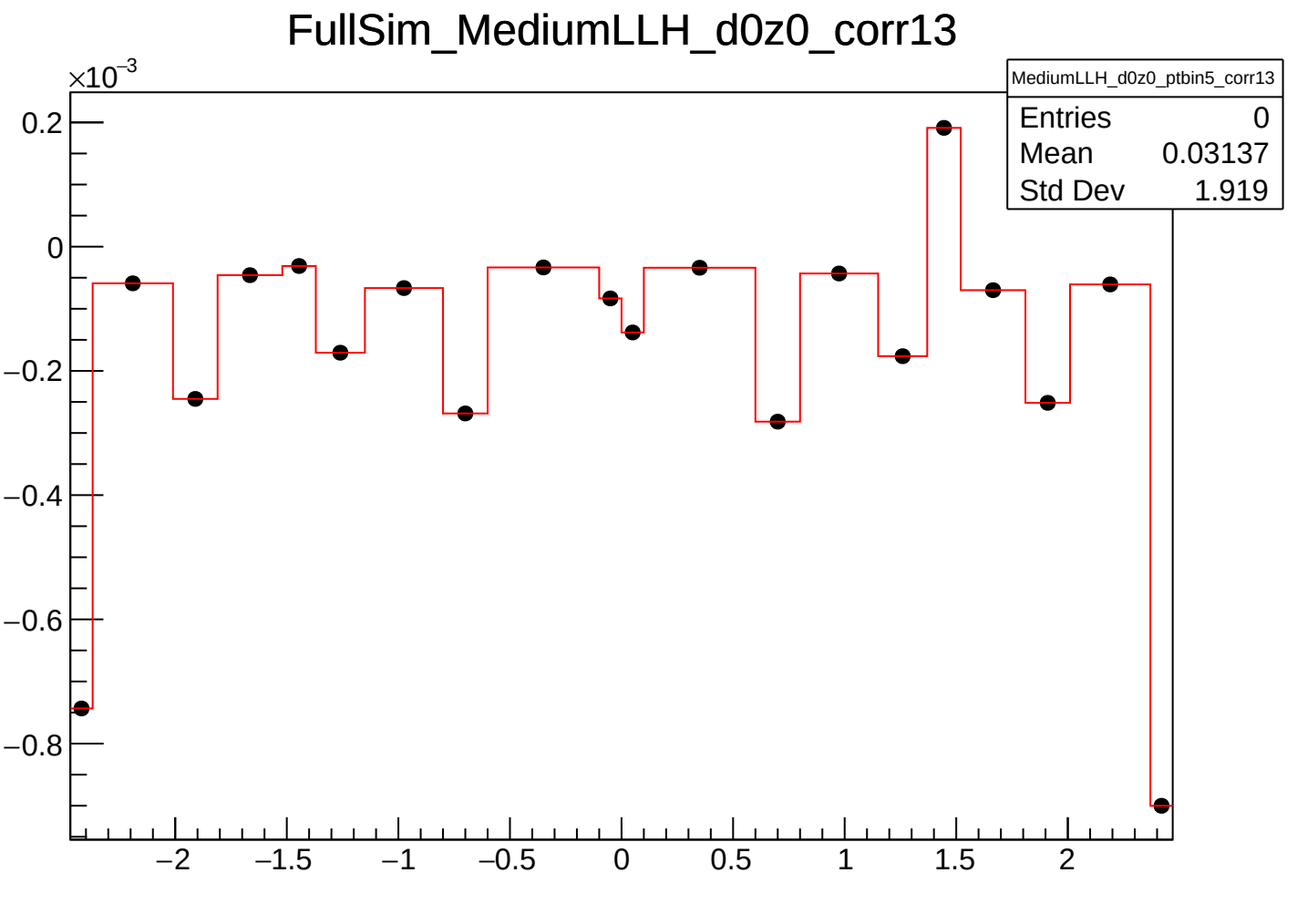
FullSim_MediumLLH_d0z0_corr13
×10⁻³
MediumLLH_d0z0_ptbin5_corr13
Entries 0
Mean 0.03137
Std Dev 1.919
0.2
0
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−0.8
−2
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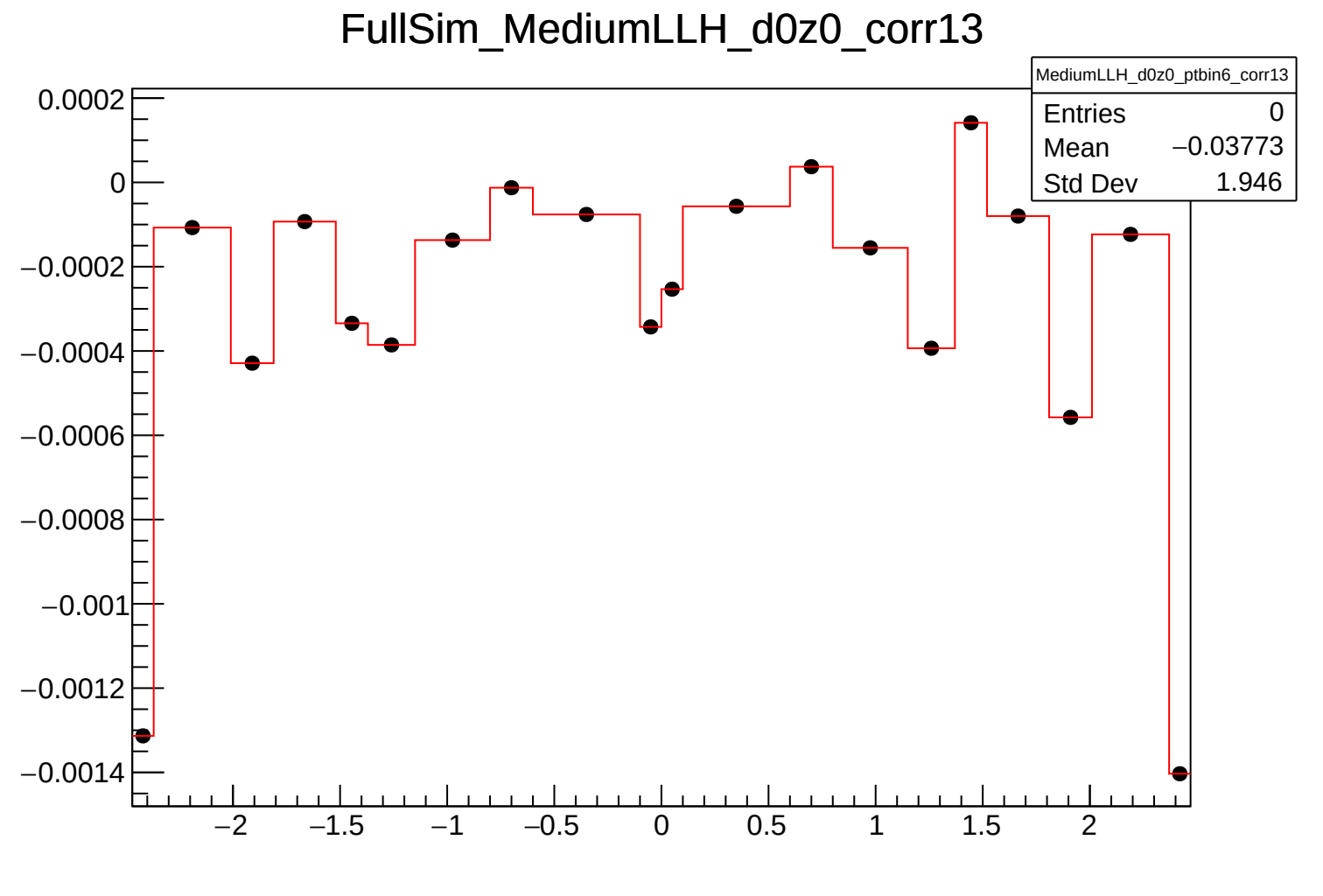
1.5
2


FullSim_MediumLLH_d0z0_corr13
MediumLLH_d0z0_ptbin6_corr13
Entries 0
Mean −0.03773
Std Dev 1.946
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0
−0.0002
−0.0004
−0.0006
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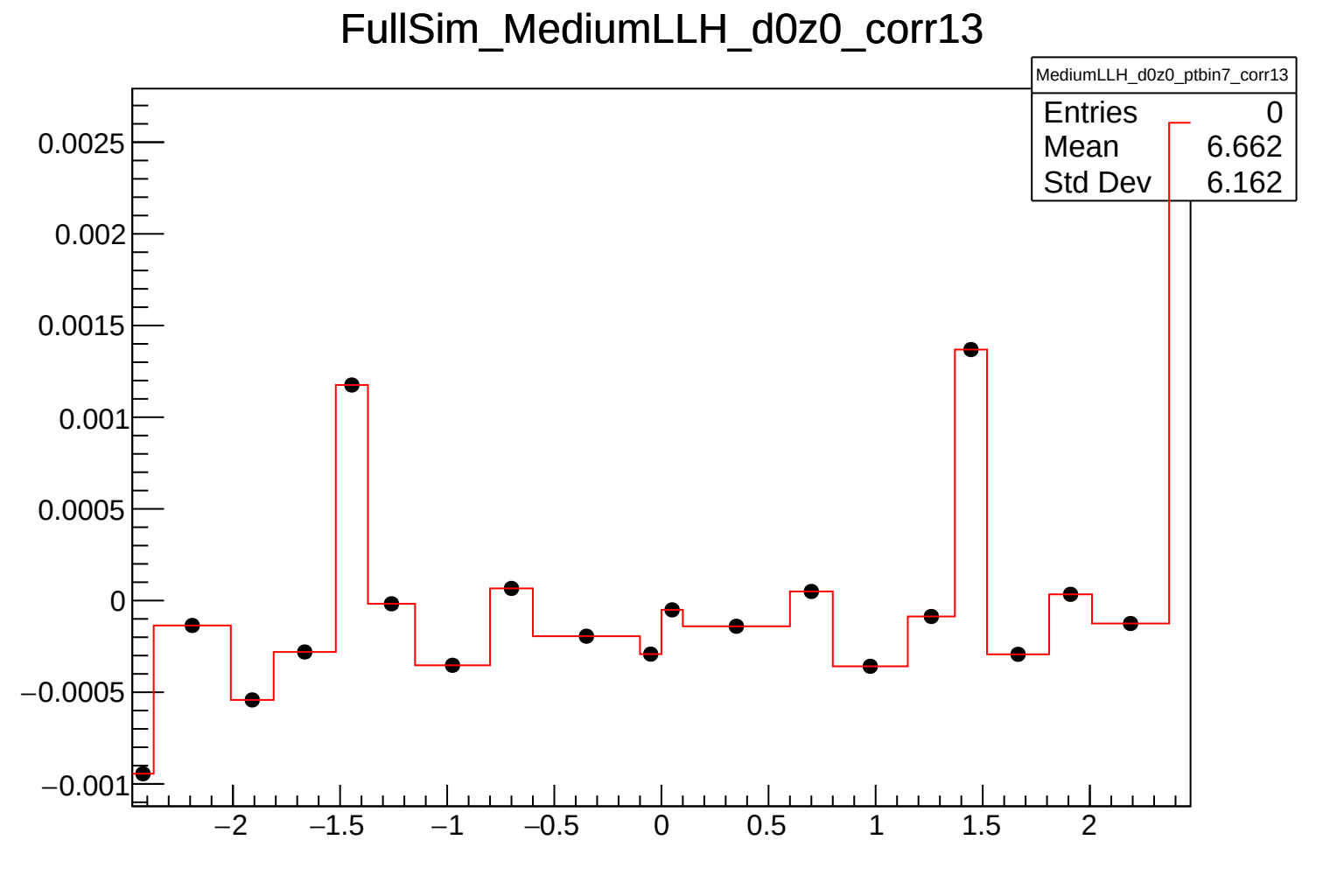
FullSim_MediumLLH_d0z0_corr13
MediumLLH_d0z0_ptbin7_corr13
Entries 0
Mean 6.662
Std Dev 6.162
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0.002
0.0015
0.001
0.0005
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−0.001
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1
1.5
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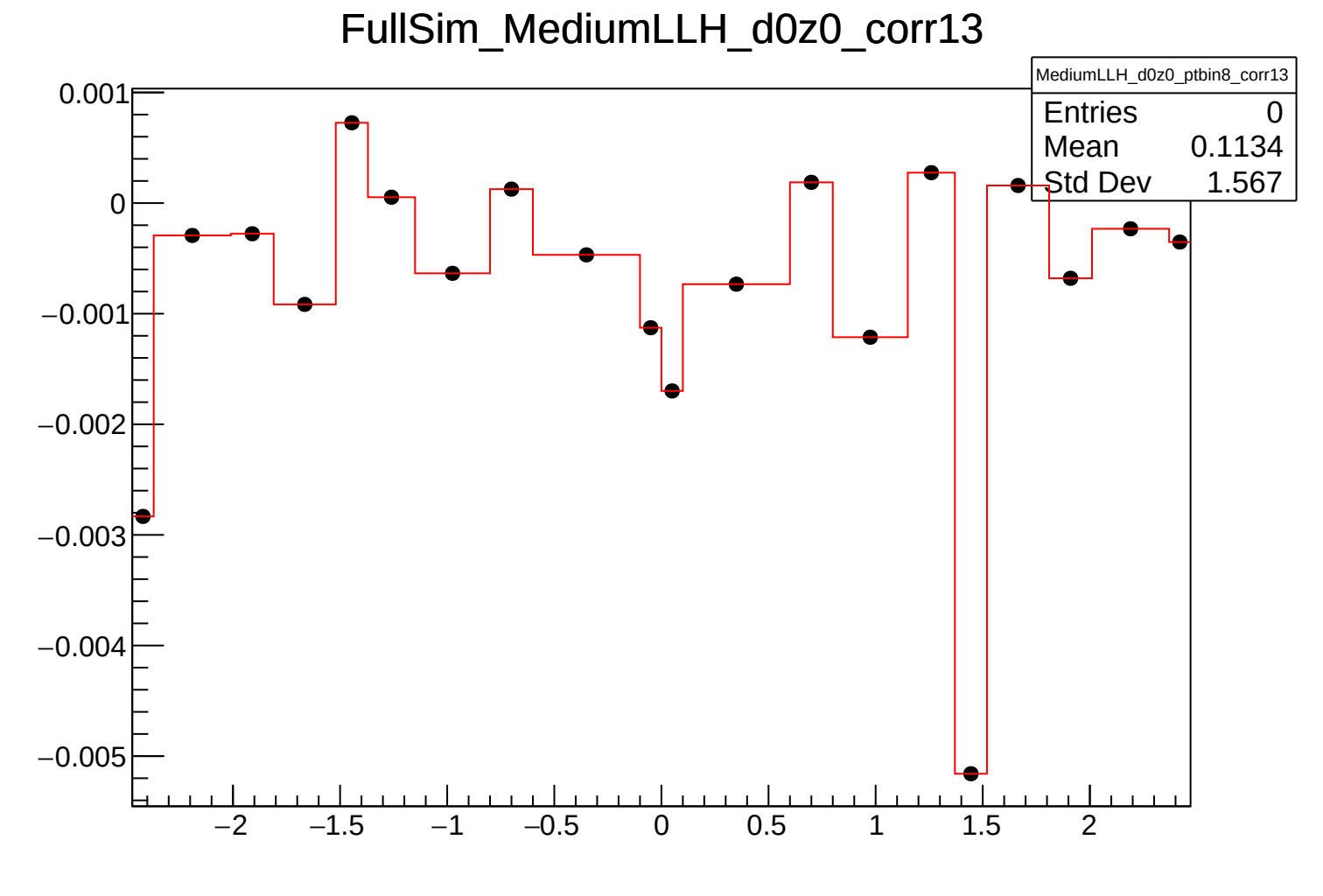
FullSim_MediumLLH_d0z0_corr13
MediumLLH_d0z0_ptbin8_corr13
Entries 0
Mean 0.1134
Std Dev 1.567
0.001
0
−0.001
−0.002
−0.003
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−0.005
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1
1.5
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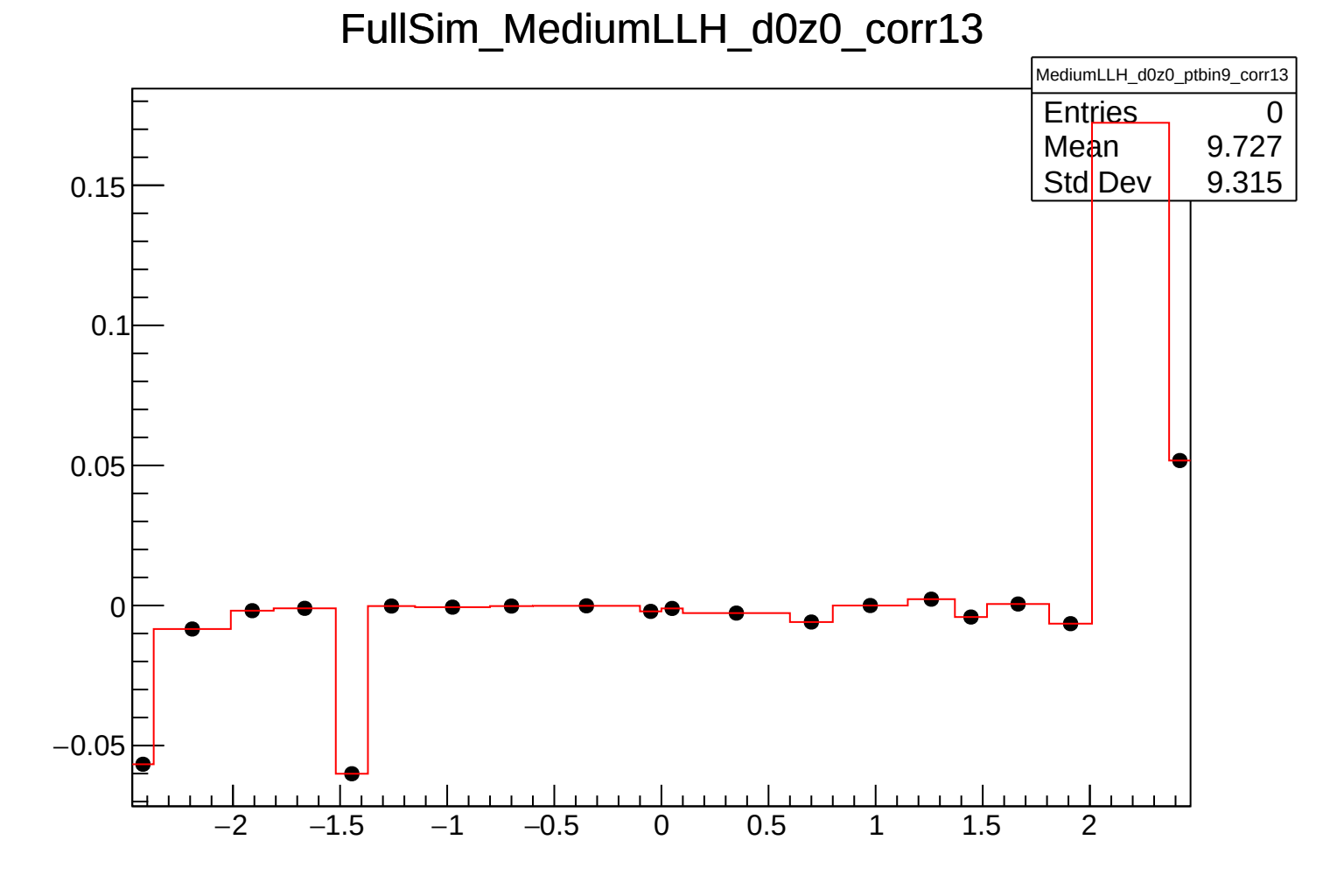
FullSim_MediumLLH_d0z0_corr13
MediumLLH_d0z0_ptbin9_corr13
Entries 0
Mean 9.727
Std Dev 9.315
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0
−0.05
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−1.5
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0.5
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1.5
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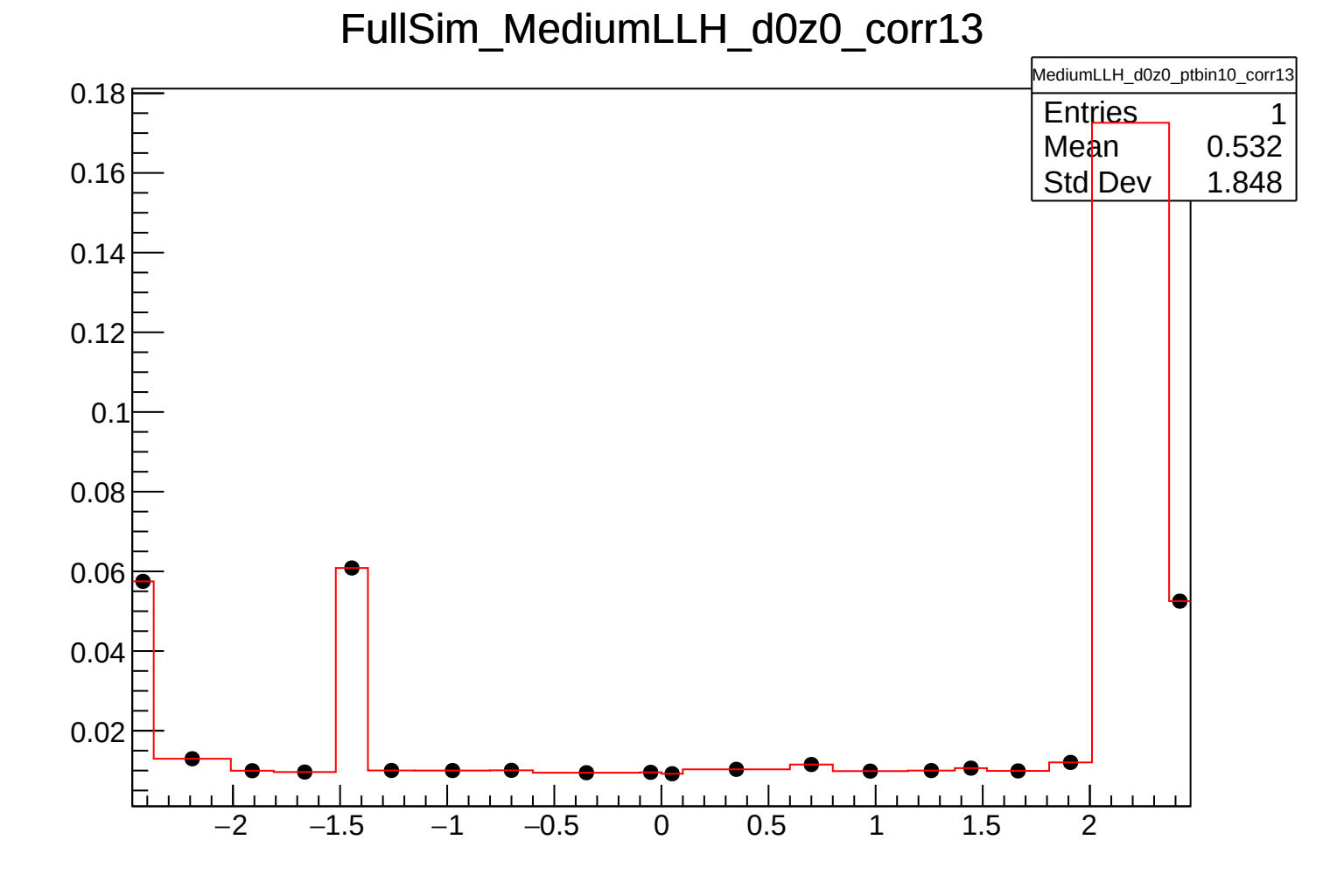
FullSim_MediumLLH_d0z0_corr13
MediumLLH_d0z0_ptbin10_corr13
Entries 1
Mean 0.532
Std Dev 1.848
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0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
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1
1.5
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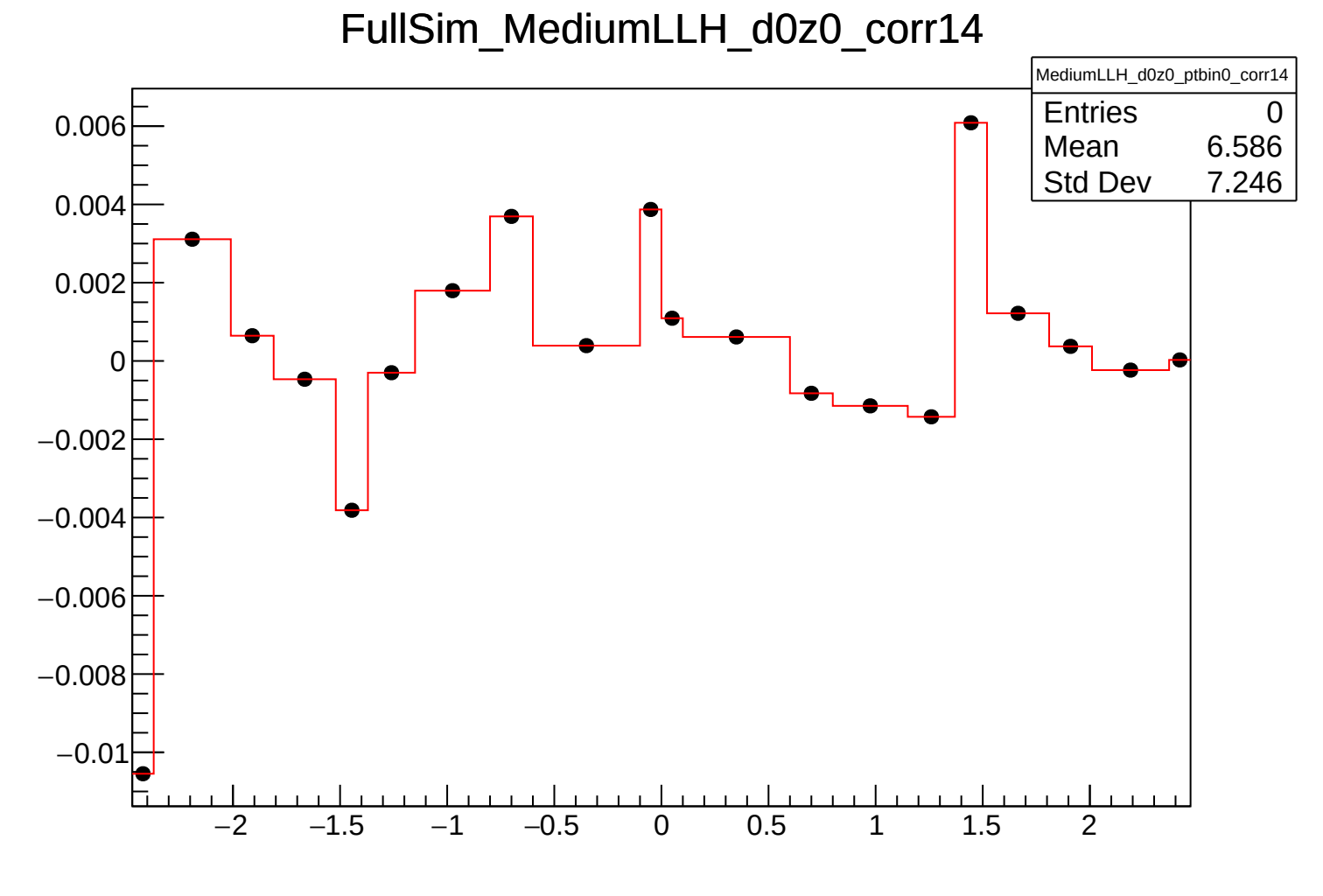
FullSim_MediumLLH_d0z0_corr14
MediumLLH_d0z0_ptbin0_corr14
Entries 0
Mean 6.586
Std Dev 7.246
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0.004
0.002
0
−0.002
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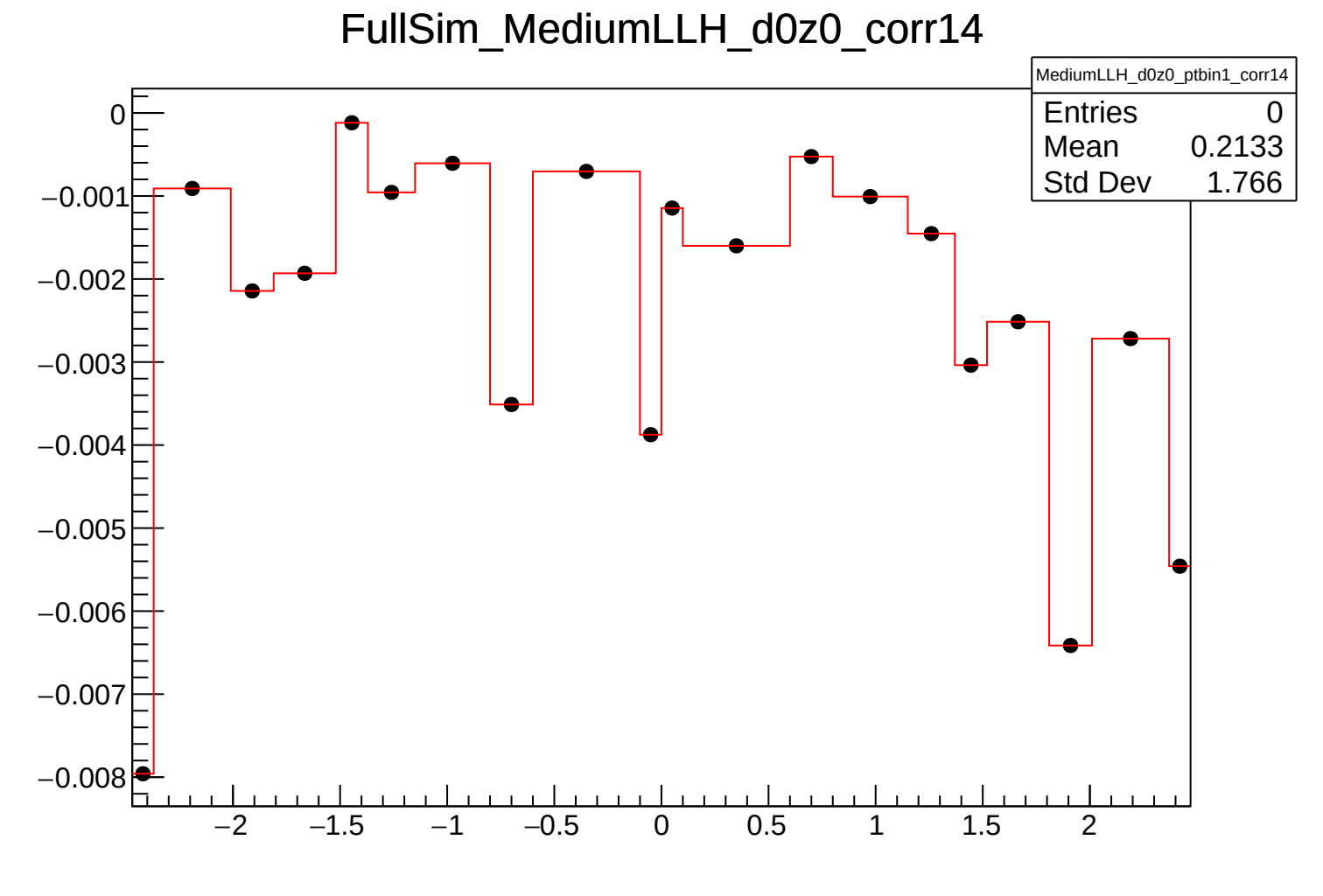
FullSim_MediumLLH_d0z0_corr14
MediumLLH_d0z0_ptbin1_corr14
Entries 0
Mean 0.2133
Std Dev 1.766
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−0.002
−0.003
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−0.005
−0.006
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−0.008
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−1
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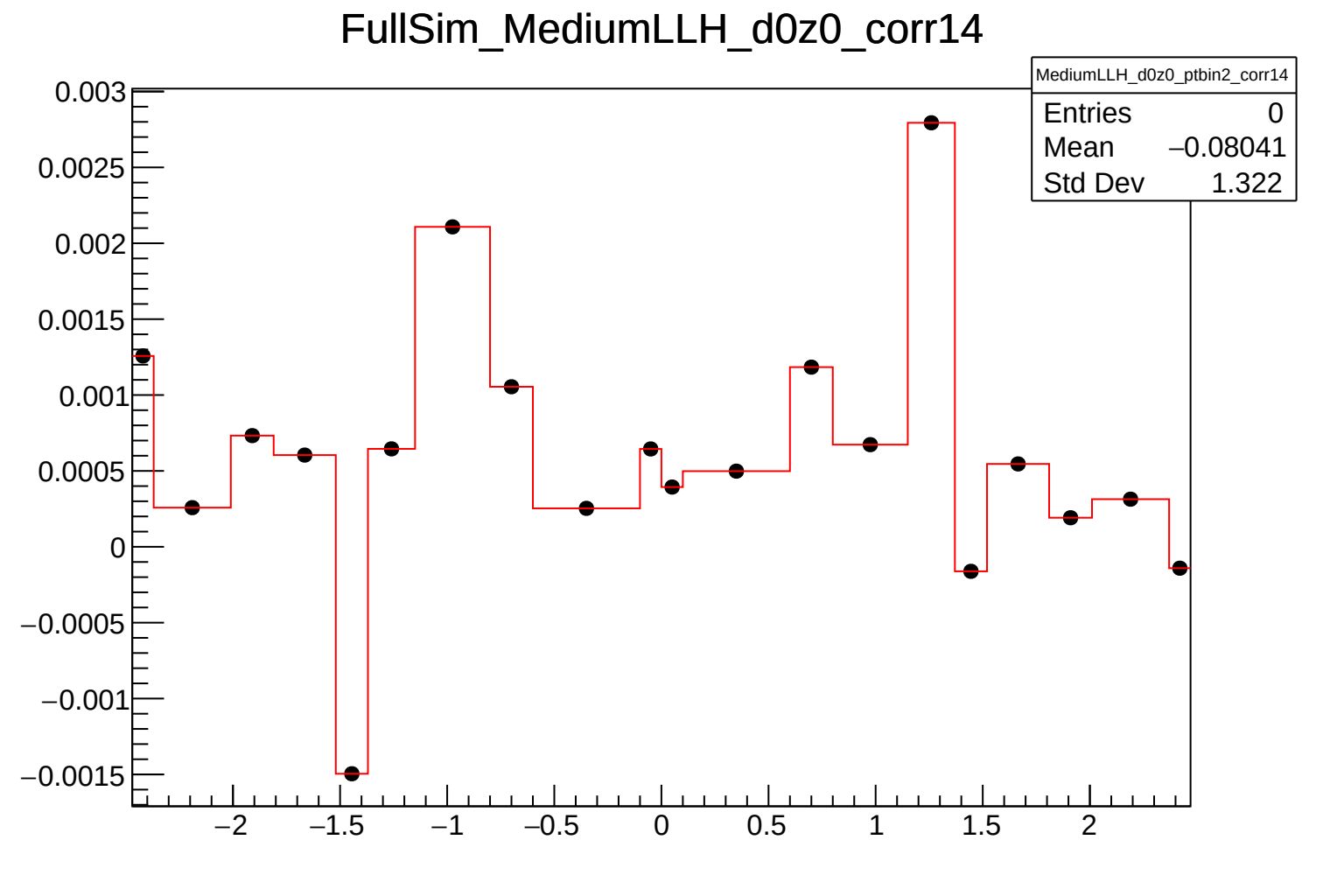
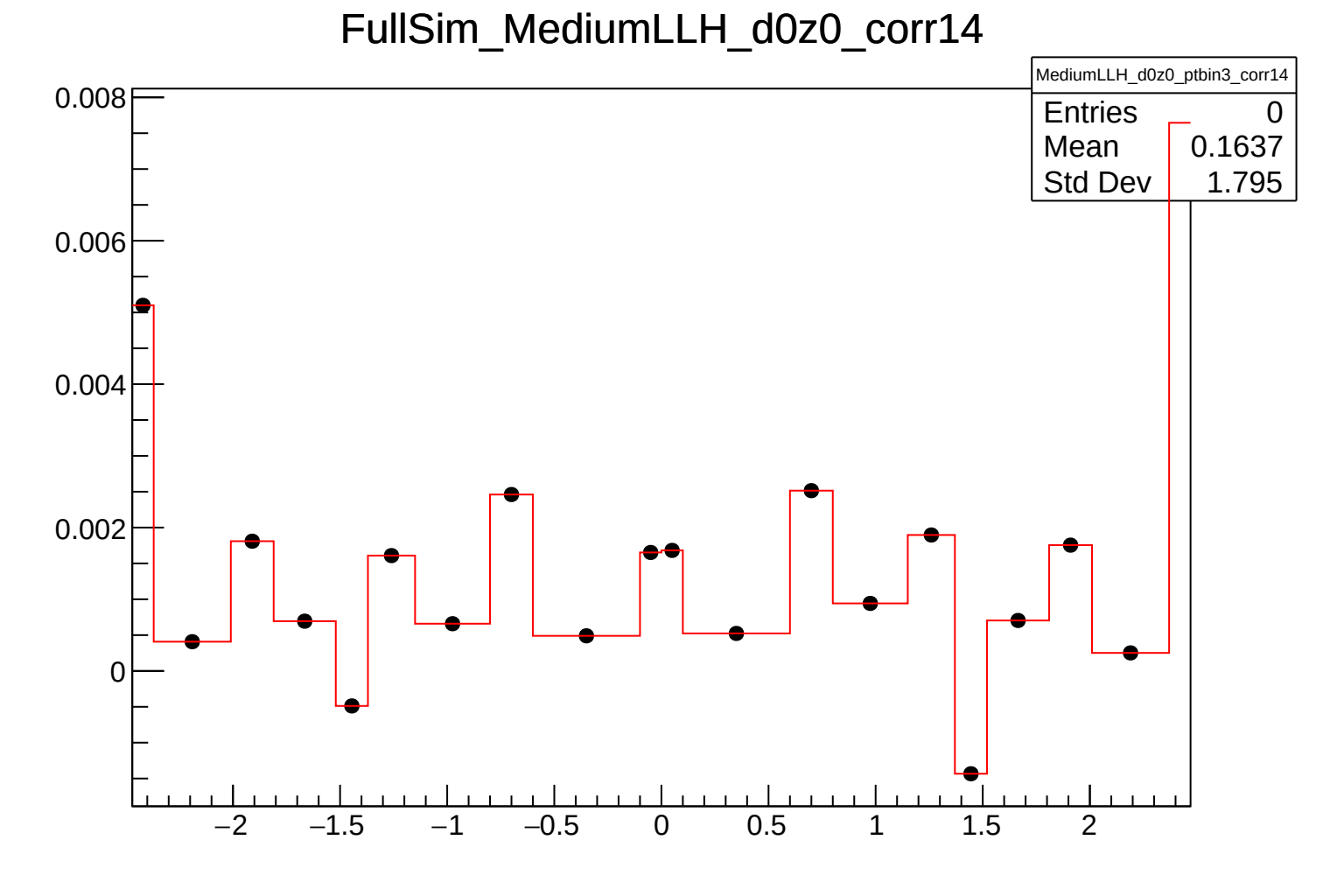
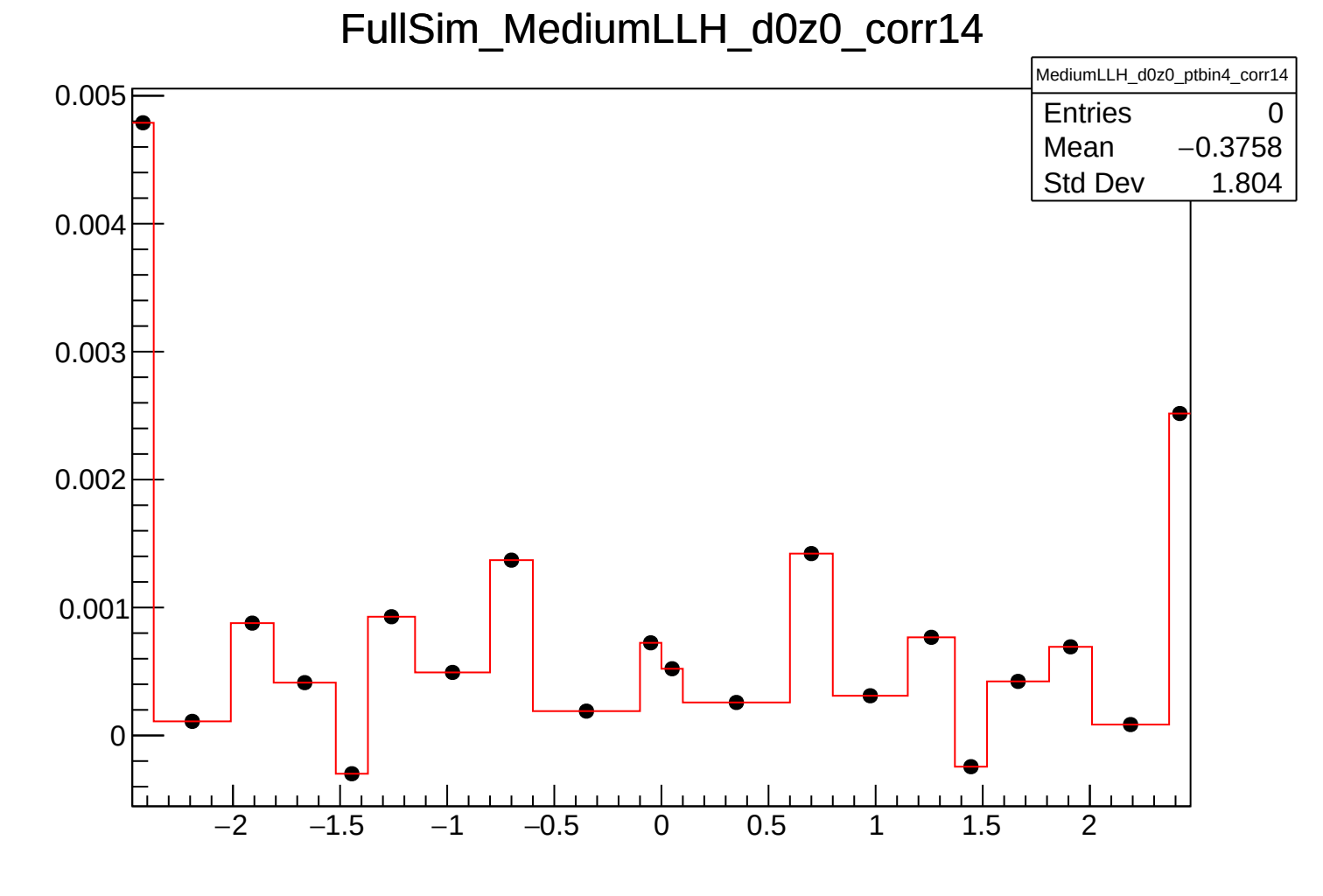
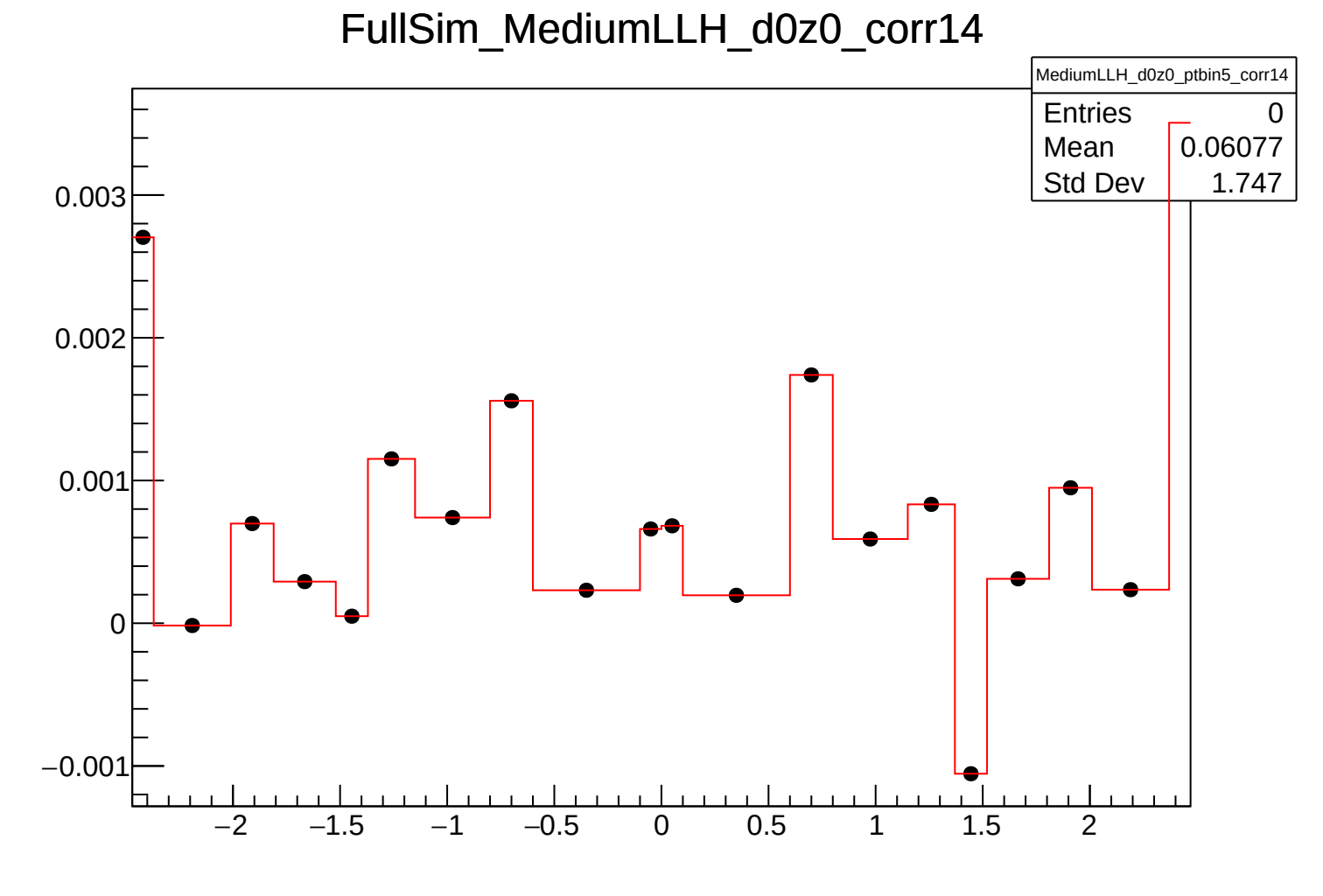
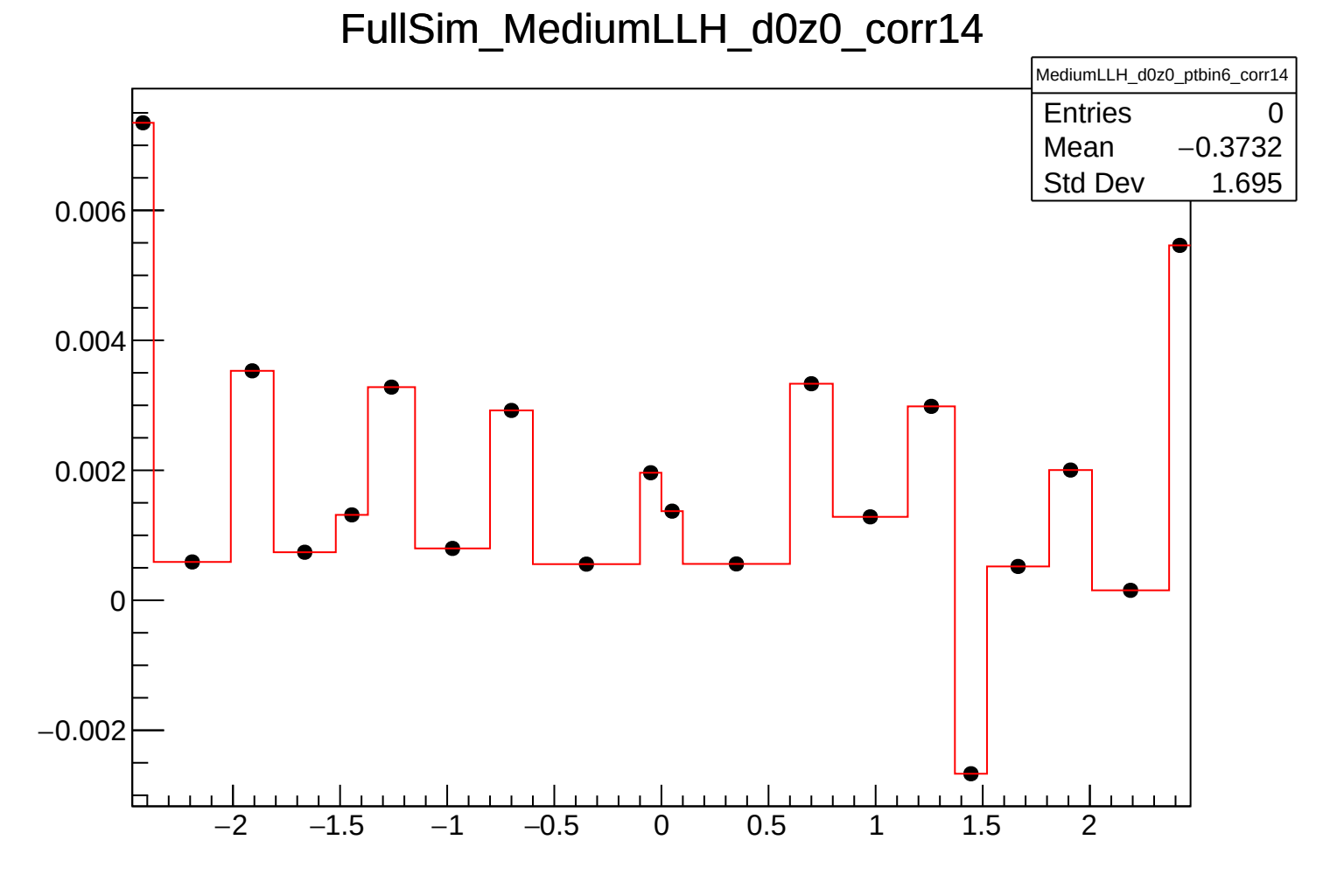
0
0.5
1
1.5
2

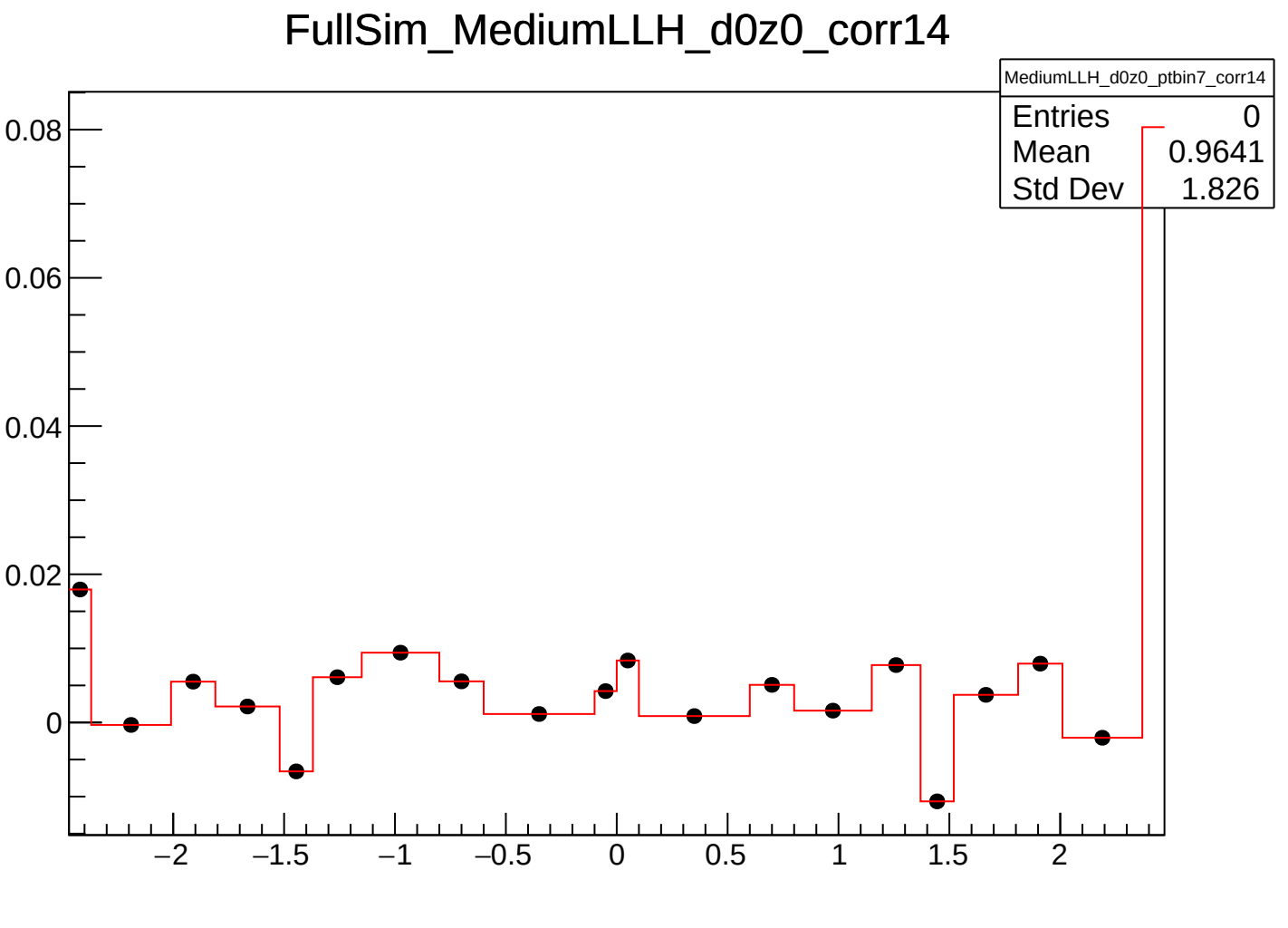

FullSim_MediumLLH_d0z0_corr14
MediumLLH_d0z0_ptbin2_corr14
Entries 0
Mean −0.08041
Std Dev 1.322
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
−0.0005
−0.001
−0.0015
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2

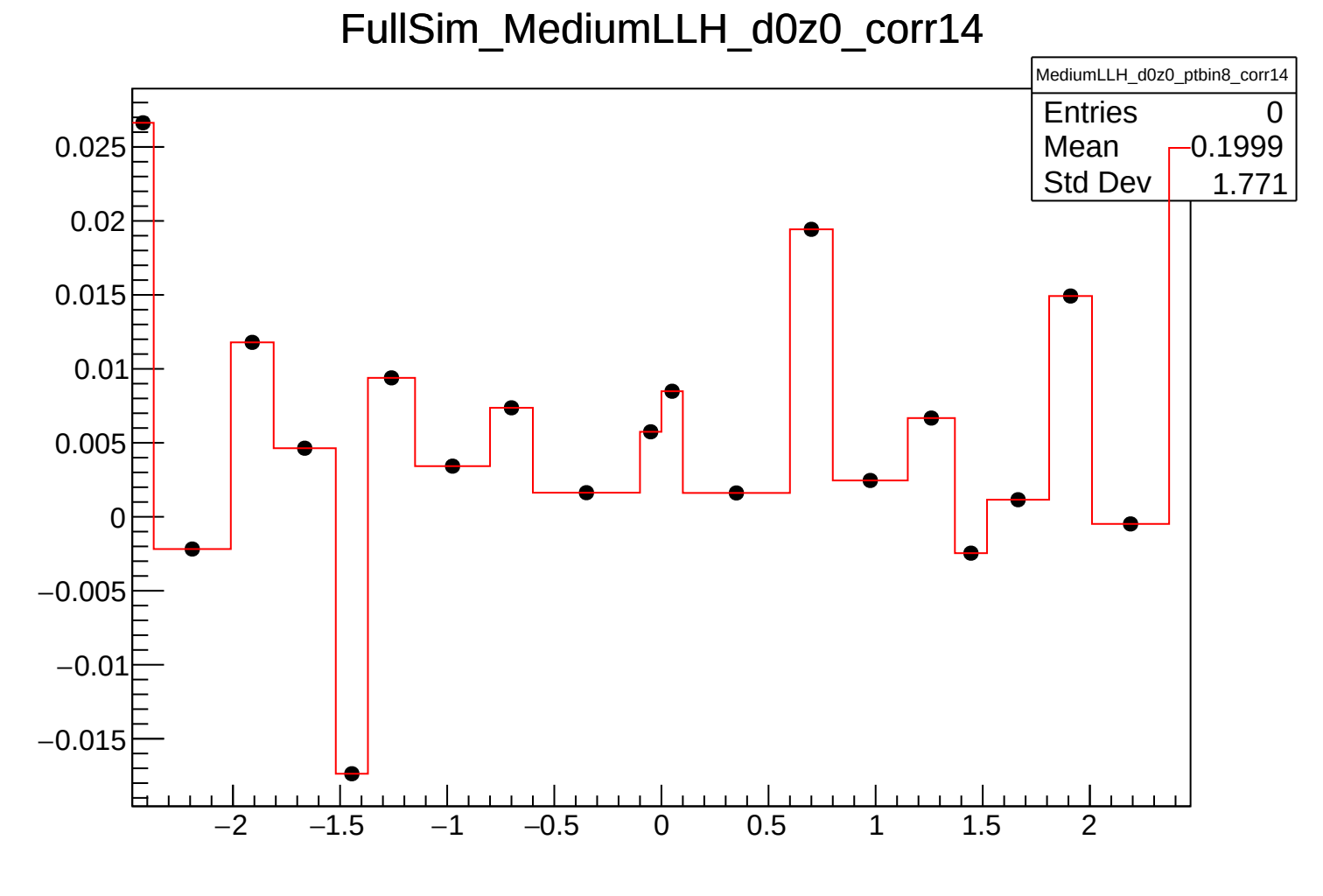

FullSim_MediumLLH_d0z0_corr14
MediumLLH_d0z0_ptbin3_corr14
Entries 0
Mean 0.1637
Std Dev 1.795
0.008
0.006
0.004
0.002
0
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2

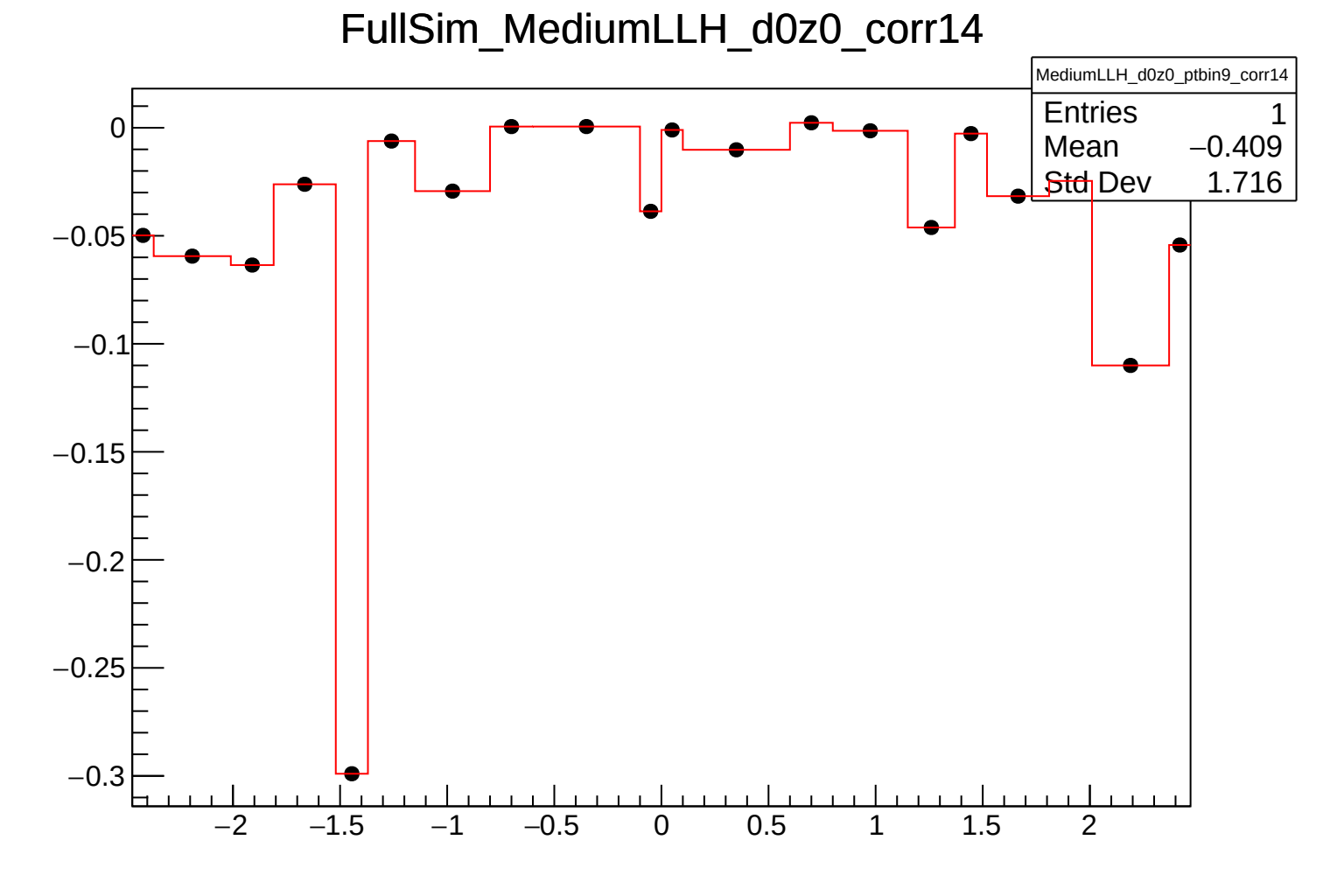

FullSim_MediumLLH_d0z0_corr14
MediumLLH_d0z0_ptbin4_corr14
Entries 0
Mean −0.3758
Std Dev 1.804
0.005
0.004
0.003
0.002
0.001
0
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2

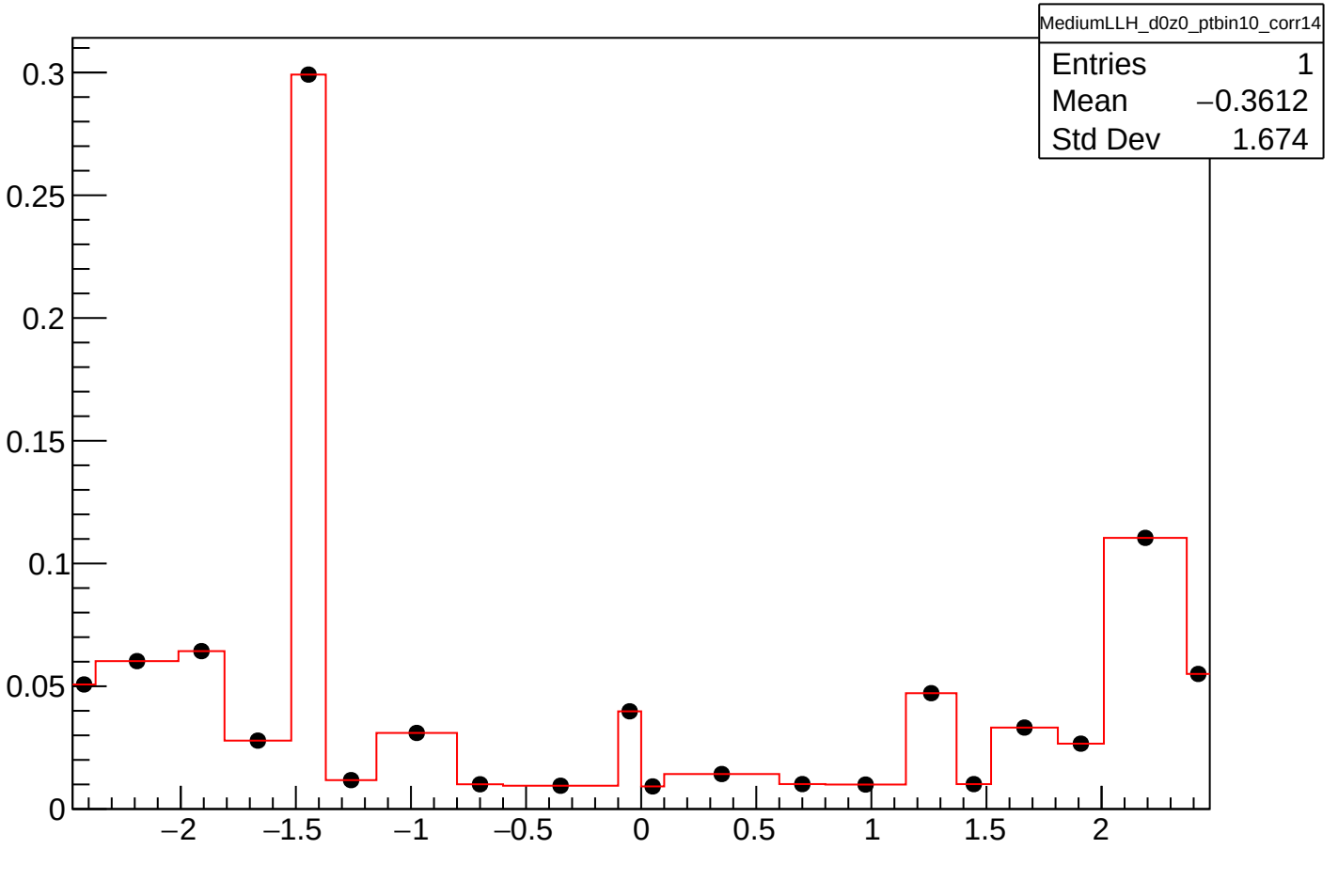

FullSim_MediumLLH_d0z0_corr14
MediumLLH_d0z0_ptbin5_corr14
Entries 0
Mean 0.06077
Std Dev 1.747
0.003
0.002
0.001
0
−0.001
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr14
MediumLLH_d0z0_ptbin6_corr14
Entries 0
Mean −0.3732
Std Dev 1.695
0.006
0.004
0.002
0
−0.002
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr14
MediumLLH_d0z0_ptbin7_corr14
Entries 0
Mean 0.9641
Std Dev 1.826
0.08
0.06
0.04
0.02
0
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr14
MediumLLH_d0z0_ptbin8_corr14
Entries 0
Mean 0.1999
Std Dev 1.771
0.025
0.02
0.015
0.01
0.005
0
−0.005
−0.01
−0.015
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr14
MediumLLH_d0z0_ptbin9_corr14
Entries 1
Mean −0.409
Std Dev 1.716
0
−0.05
−0.1
−0.15
−0.2
−0.25
−0.3
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_MediumLLH_d0z0_corr14
MediumLLH_d0z0_ptbin10_corr14
Entries 1
Mean −0.3612
Std Dev 1.674
0.3
0.25
0.2
0.15
0.1
0.05
0
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2