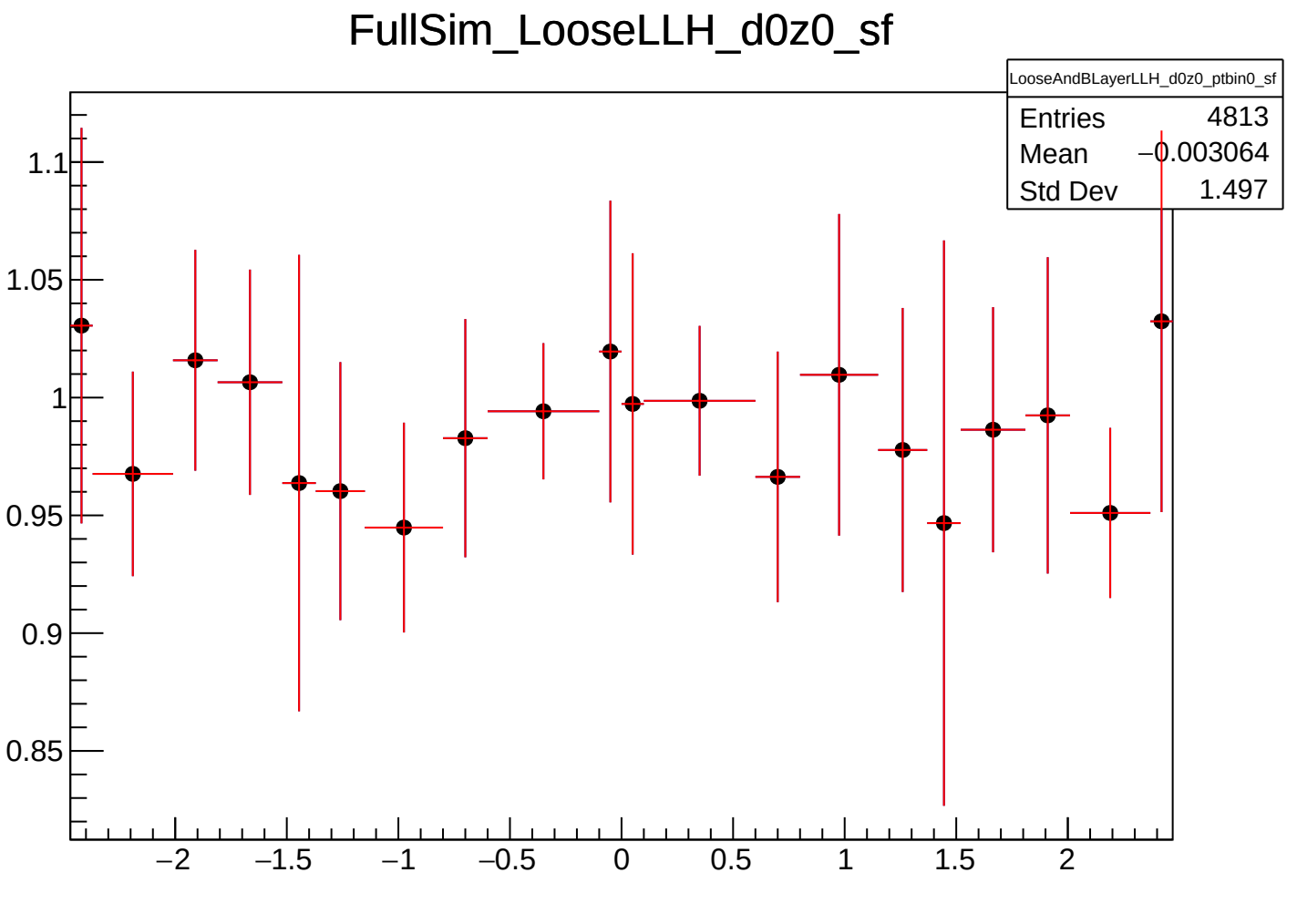
FullSim_LooseLLH_d0z0_sf
LooseAndBLayerLLH_d0z0_ptbin0_sf
Entries 4813
Mean −0.003064
Std Dev 1.497
1.1
1.05
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0.9
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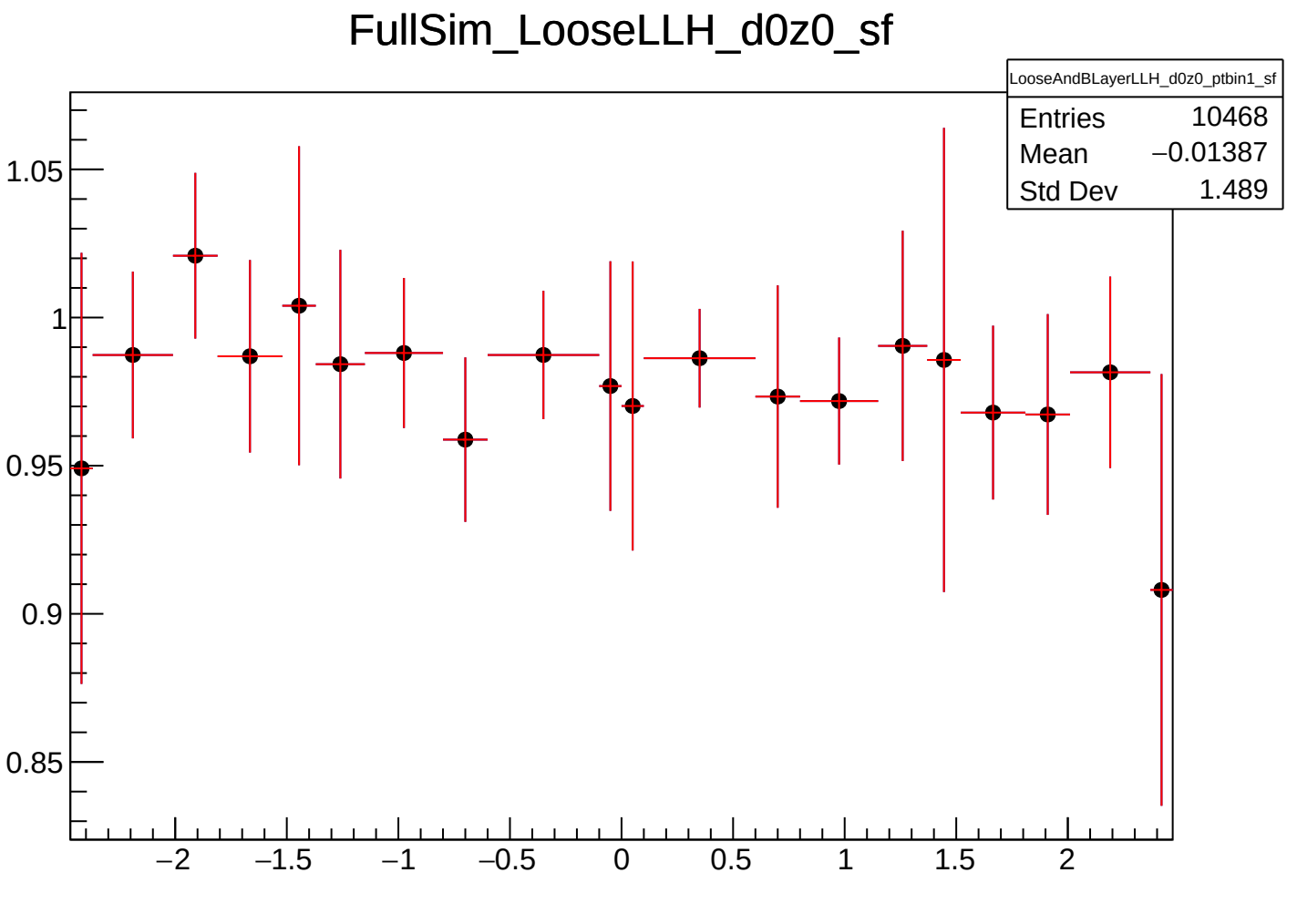
FullSim_LooseLLH_d0z0_sf
LooseAndBLayerLLH_d0z0_ptbin1_sf
Entries 10468
Mean −0.01387
Std Dev 1.489
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0.9
0.85
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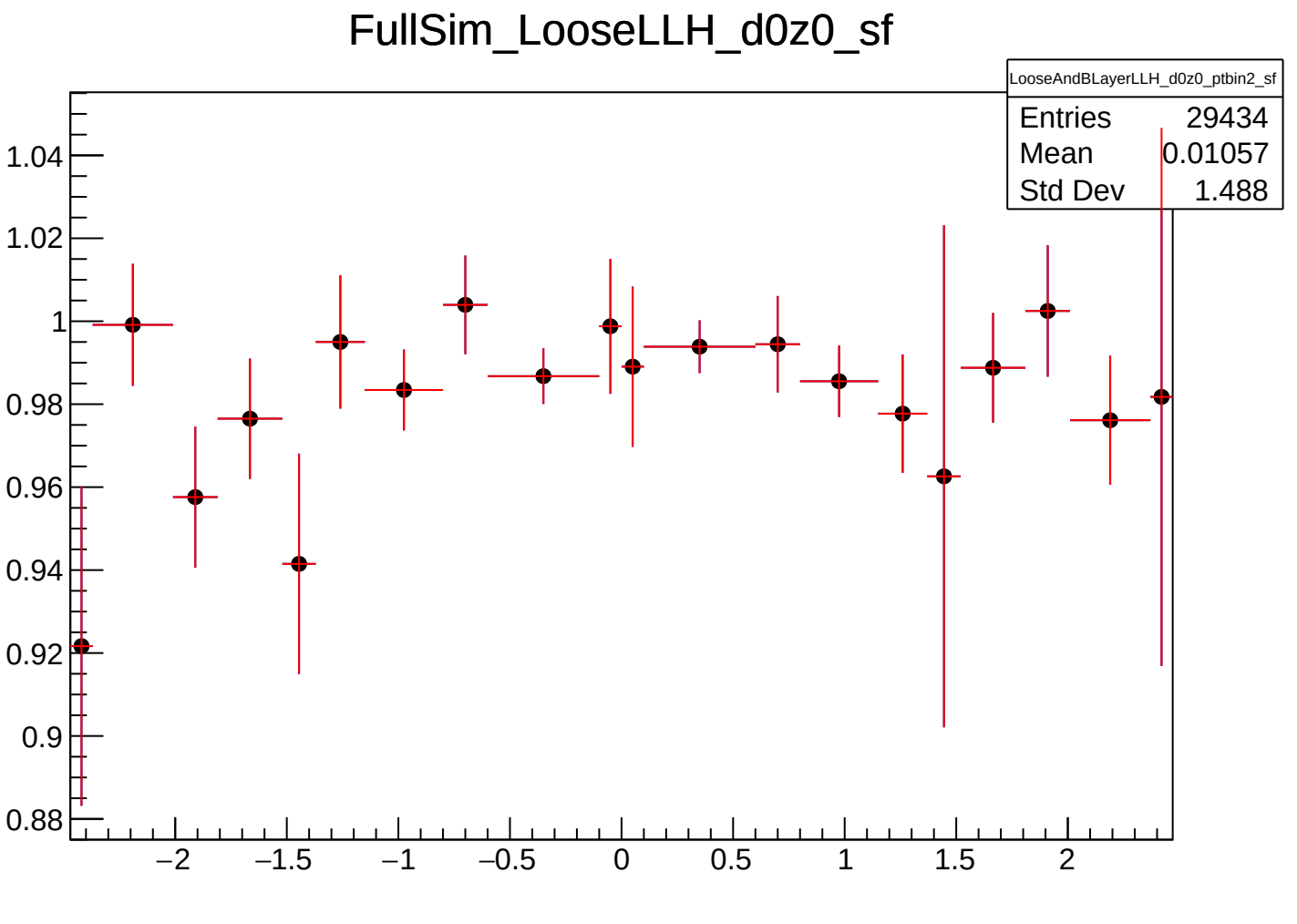
FullSim_LooseLLH_d0z0_sf
LooseAndBLayerLLH_d0z0_ptbin2_sf
Entries 29434
Mean 0.01057
Std Dev 1.488
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1.02
1
0.98
0.96
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0.9
0.88
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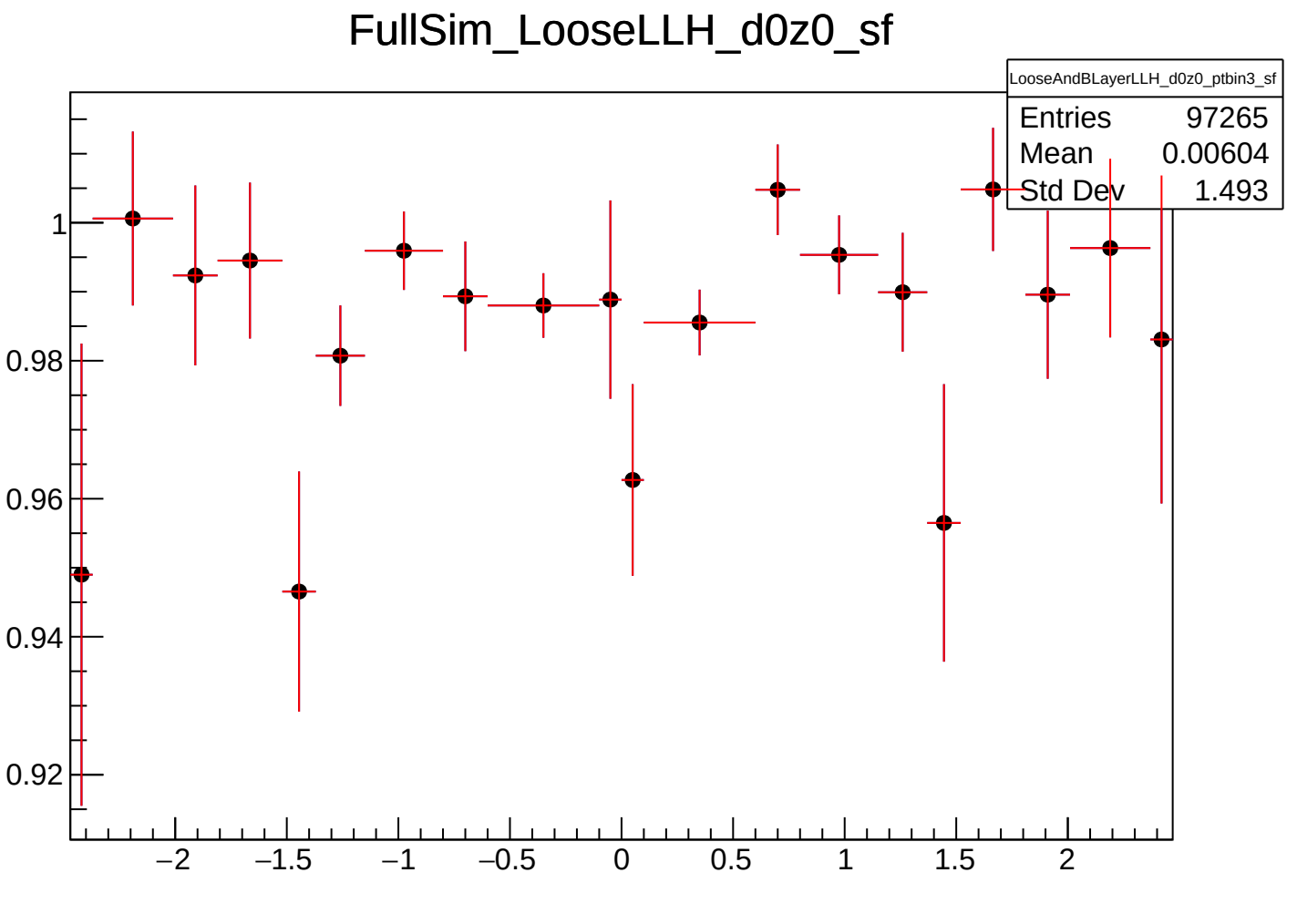
FullSim_LooseLLH_d0z0_sf
LooseAndBLayerLLH_d0z0_ptbin3_sf
Entries 97265
Mean 0.00604
Std Dev 1.493
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0.94
0.92
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1.5
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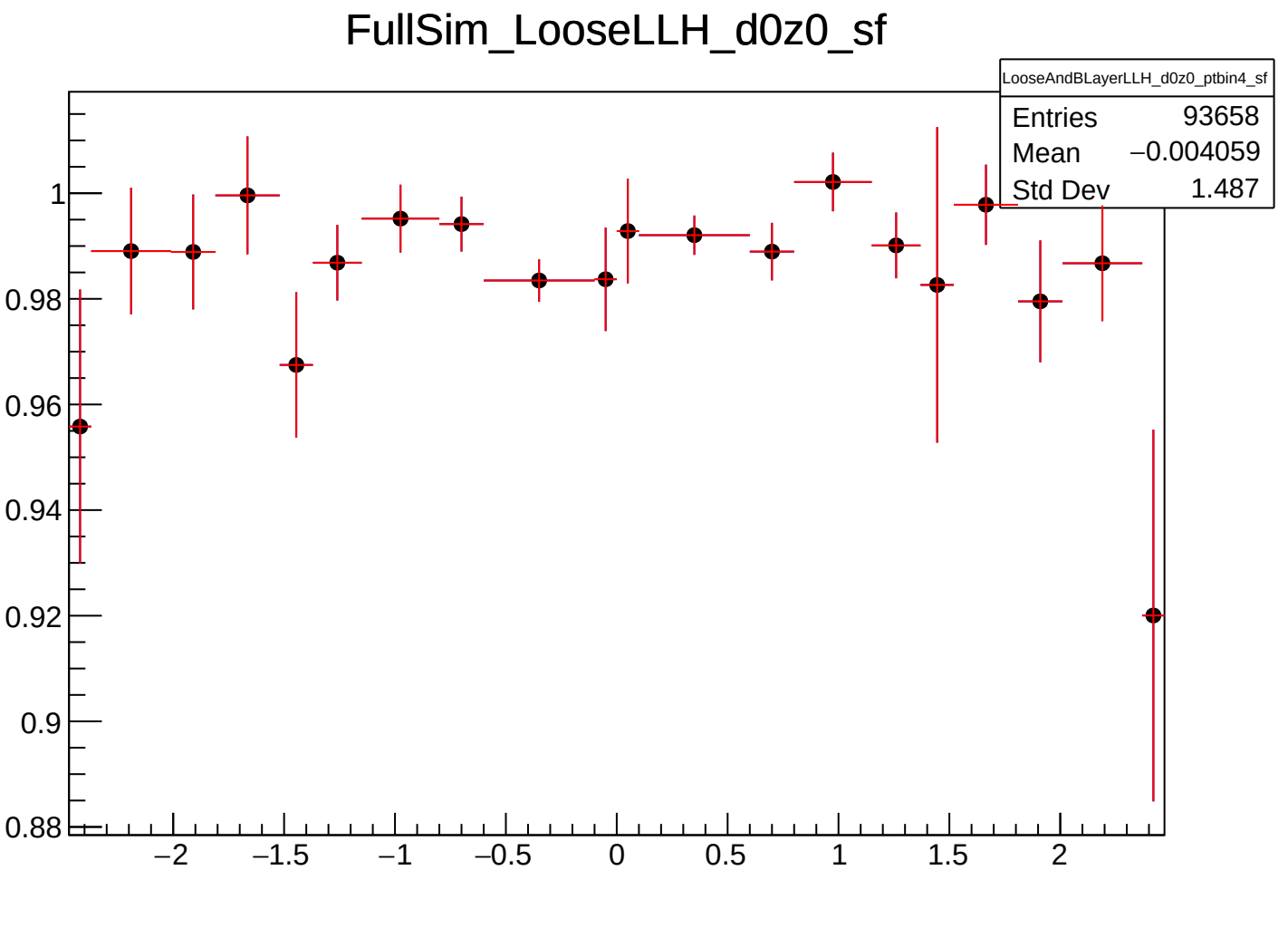
FullSim_LooseLLH_d0z0_sf
LooseAndBLayerLLH_d0z0_ptbin4_sf
Entries 93658
Mean −0.004059
Std Dev 1.487
1
0.98
0.96
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0.88
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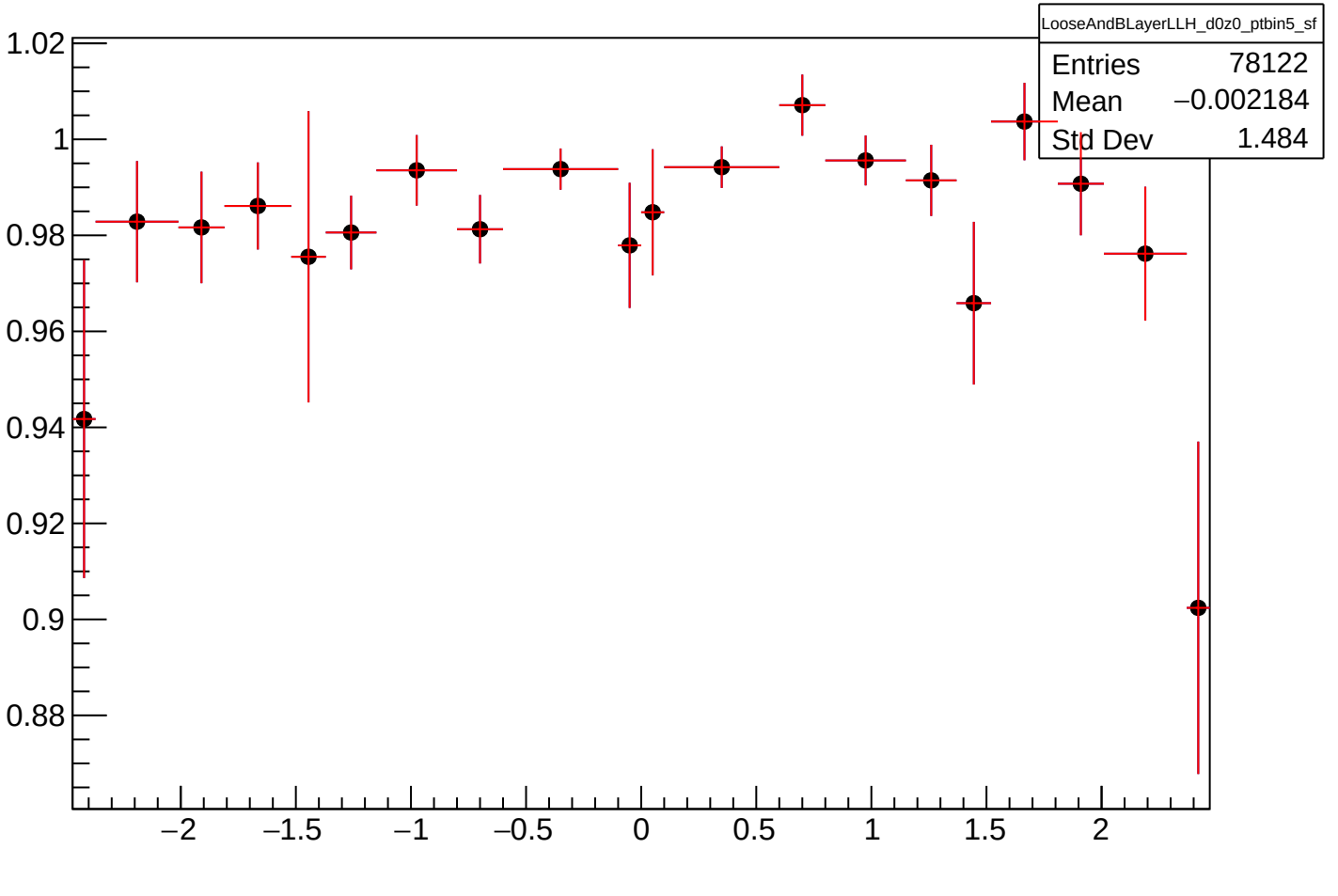
FullSim_LooseLLH_d0z0_sf
LooseAndBLayerLLH_d0z0_ptbin5_sf
Entries 78122
Mean −0.002184
Std Dev 1.484
1.02
1
0.98
0.96
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0.9
0.88
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1.5
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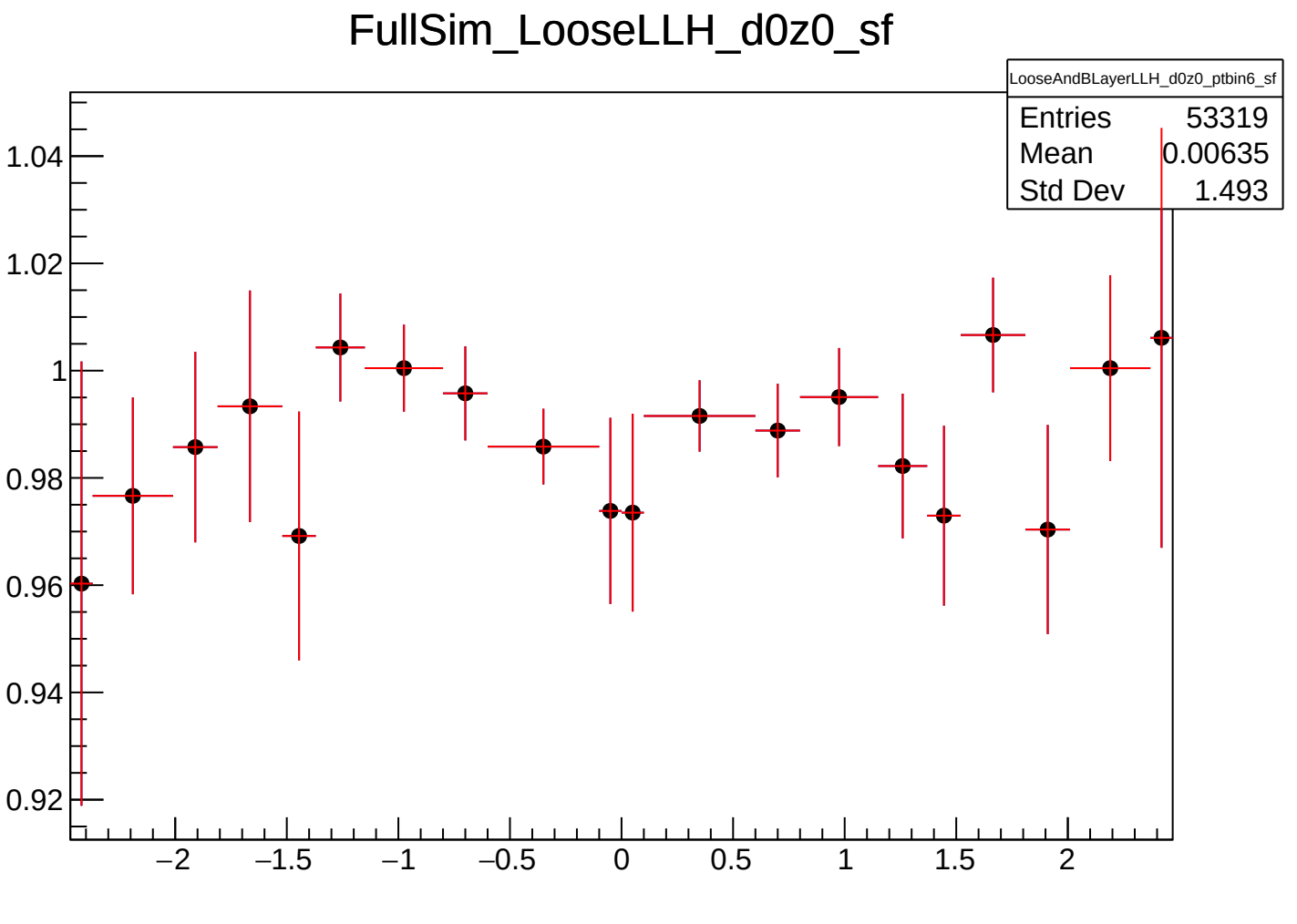
FullSim_LooseLLH_d0z0_sf
LooseAndBLayerLLH_d0z0_ptbin6_sf
Entries 53319
Mean 0.00635
Std Dev 1.493
1.04
1.02
1
0.98
0.96
0.94
0.92
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−1.5
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1
1.5
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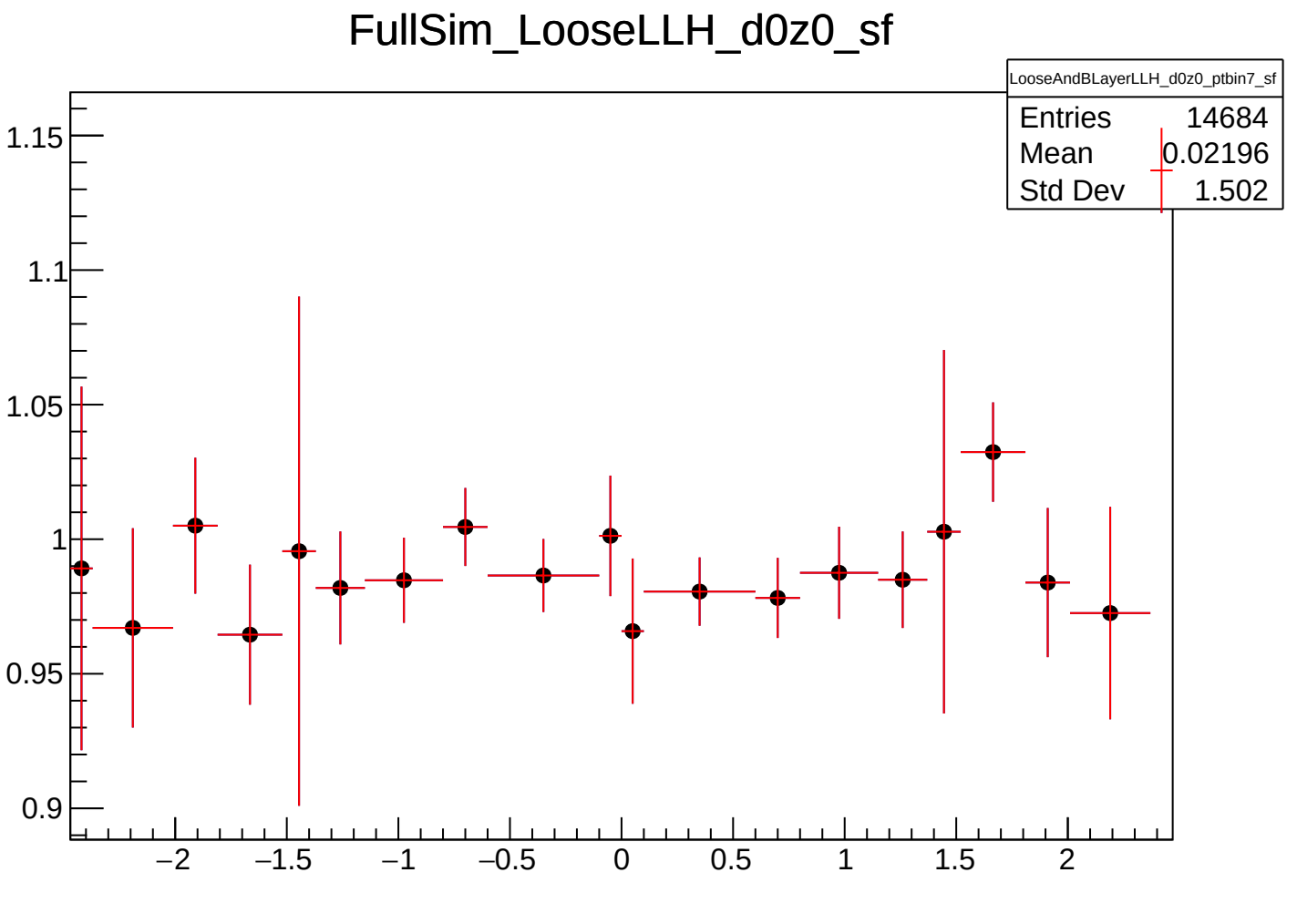
FullSim_LooseLLH_d0z0_sf
LooseAndBLayerLLH_d0z0_ptbin7_sf
Entries 14684
Mean 0.02196
Std Dev 1.502
1.15
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0.95
0.9
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1
1.5
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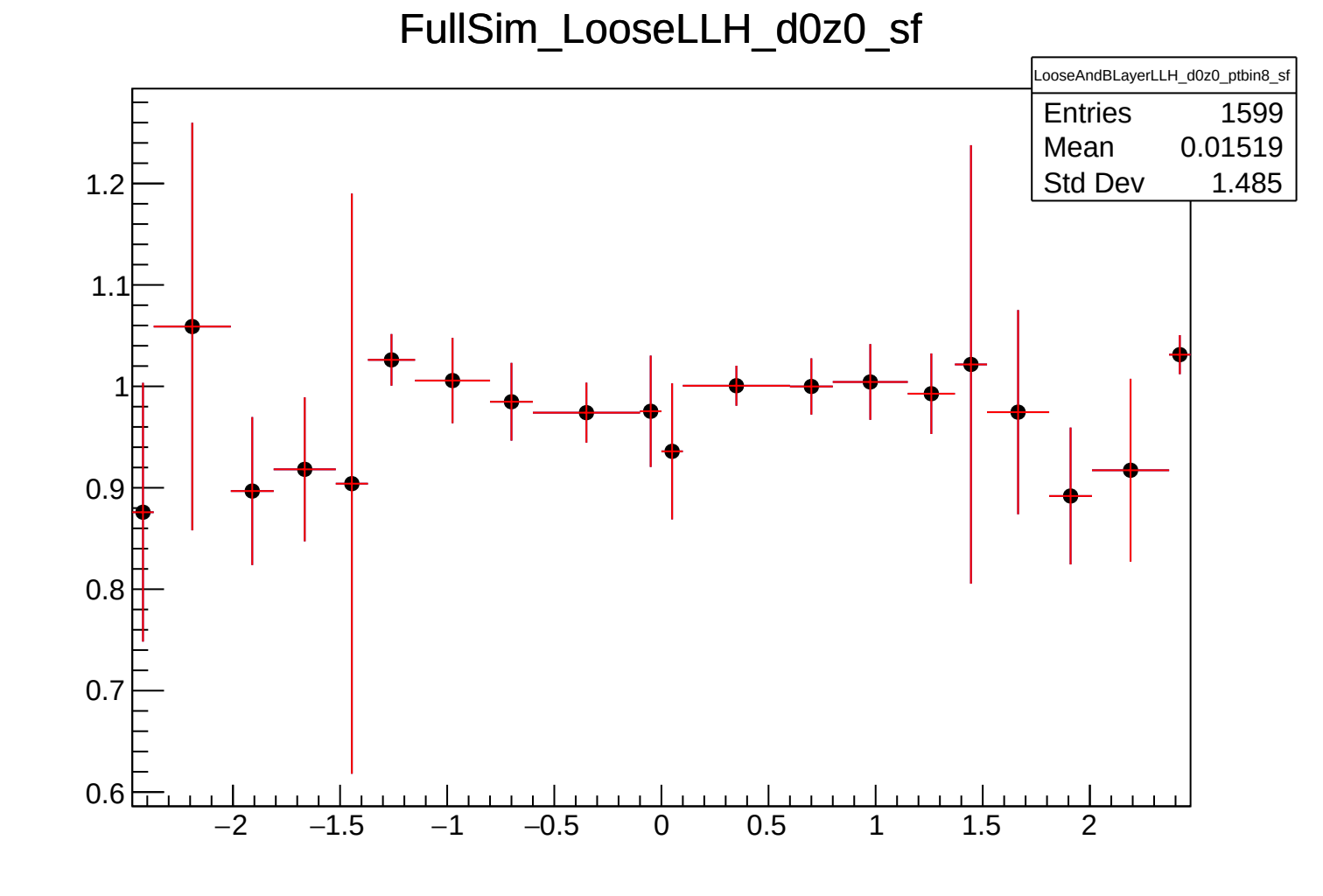
FullSim_LooseLLH_d0z0_sf
LooseAndBLayerLLH_d0z0_ptbin8_sf
Entries 1599
Mean 0.01519
Std Dev 1.485
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1.1
1
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0.7
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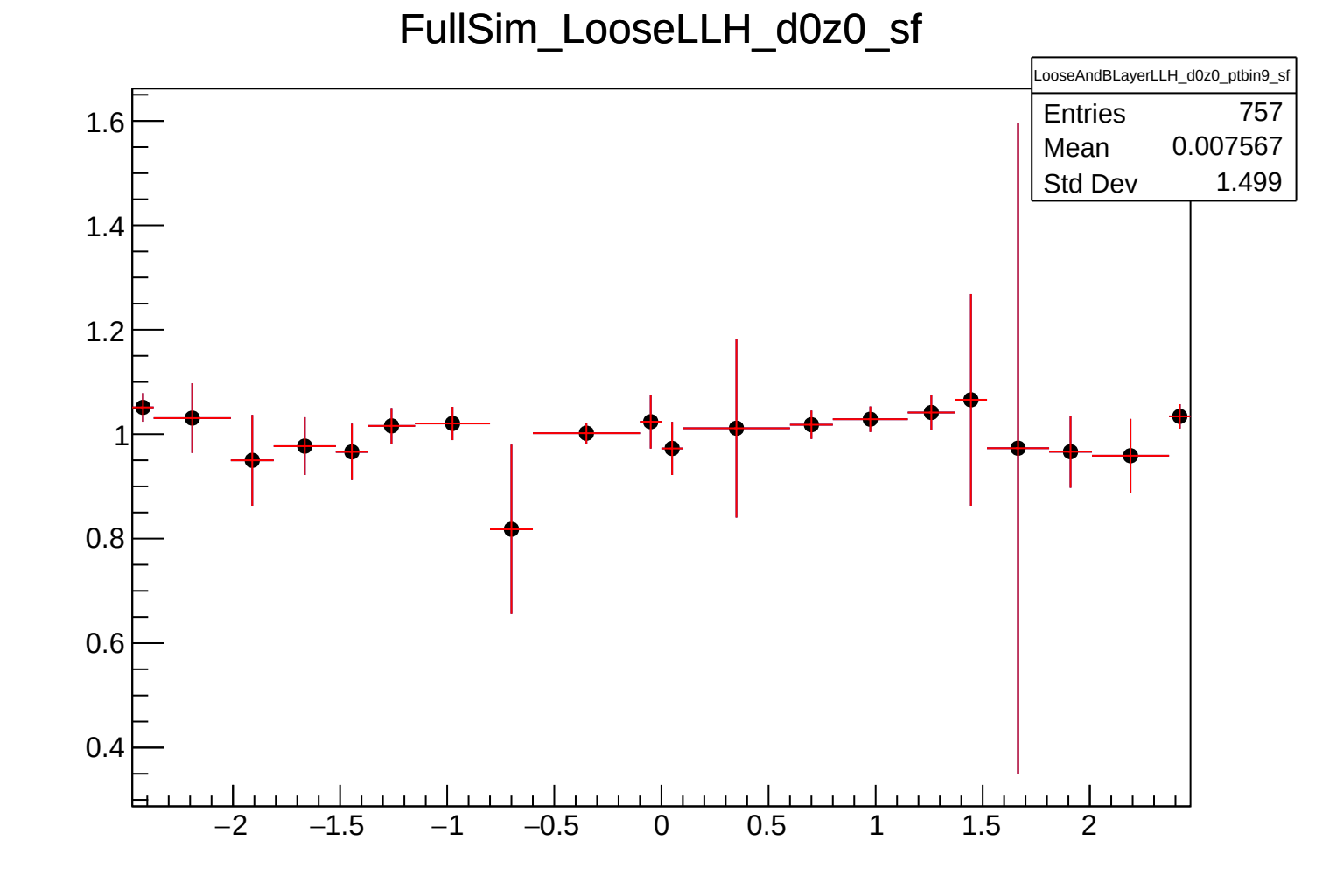
0.5
1
1.5
2


FullSim_LooseLLH_d0z0_sf
LooseAndBLayerLLH_d0z0_ptbin9_sf
Entries 757
Mean 0.007567
Std Dev 1.499
1.6
1.4
1.2
1
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0.6
0.4
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−1.5
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1
1.5
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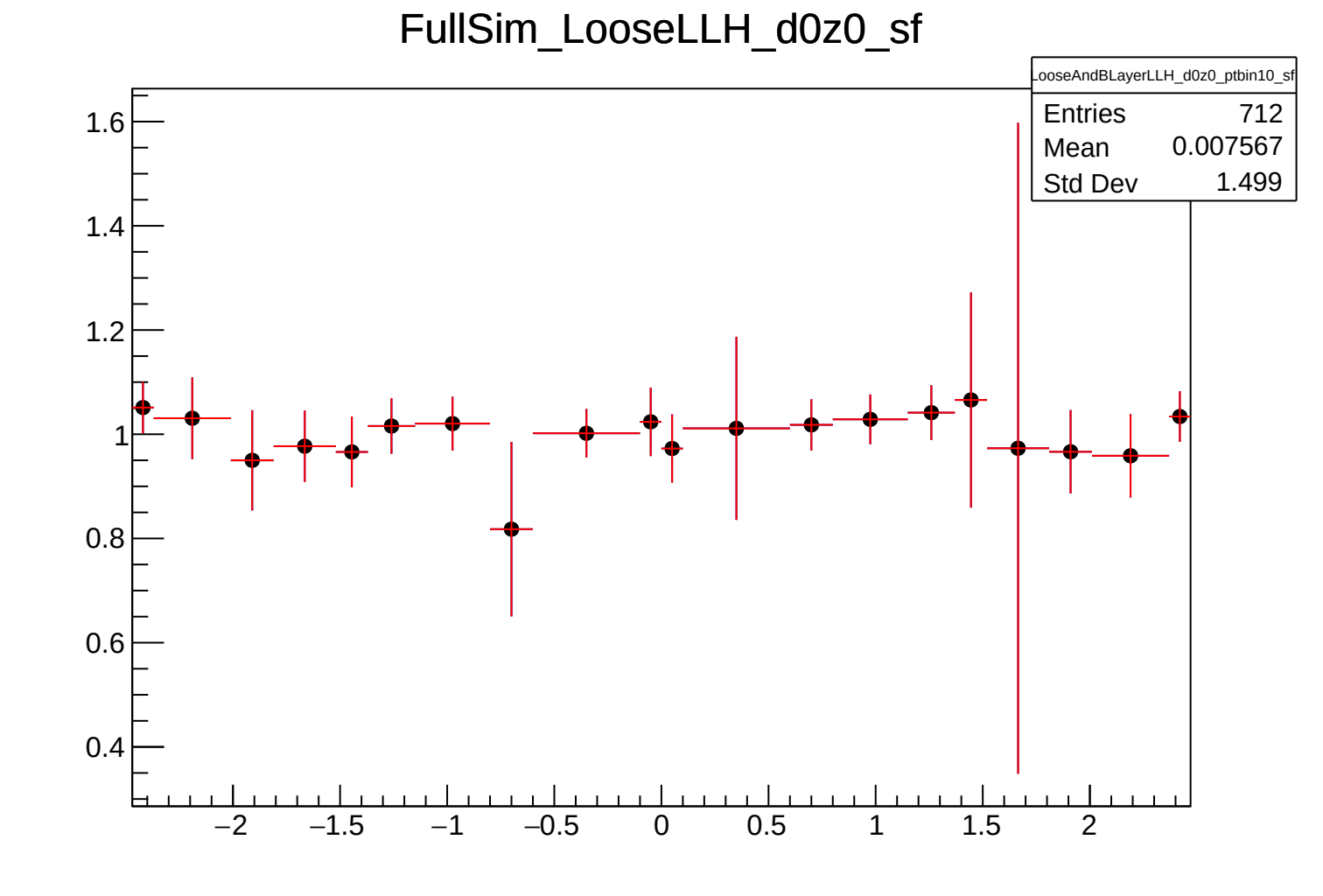
FullSim_LooseLLH_d0z0_sf
LooseAndBLayerLLH_d0z0_ptbin10_sf
Entries 712
Mean 0.007567
Std Dev 1.499
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1.4
1.2
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0.6
0.4
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1
1.5
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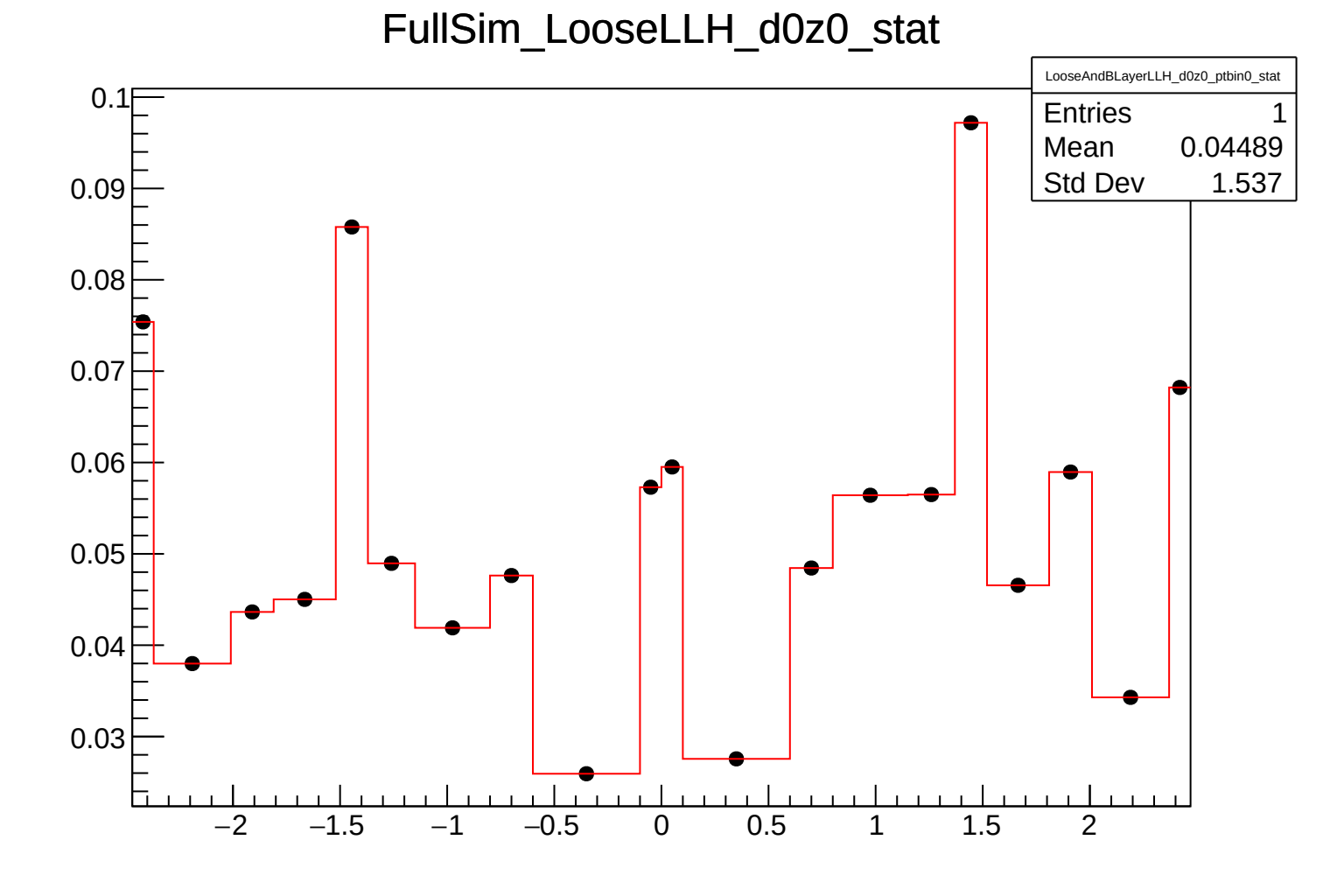
FullSim_LooseLLH_d0z0_stat
LooseAndBLayerLLH_d0z0_ptbin0_stat
Entries 1
Mean 0.04489
Std Dev 1.537
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0.09
0.08
0.07
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0.04
0.03
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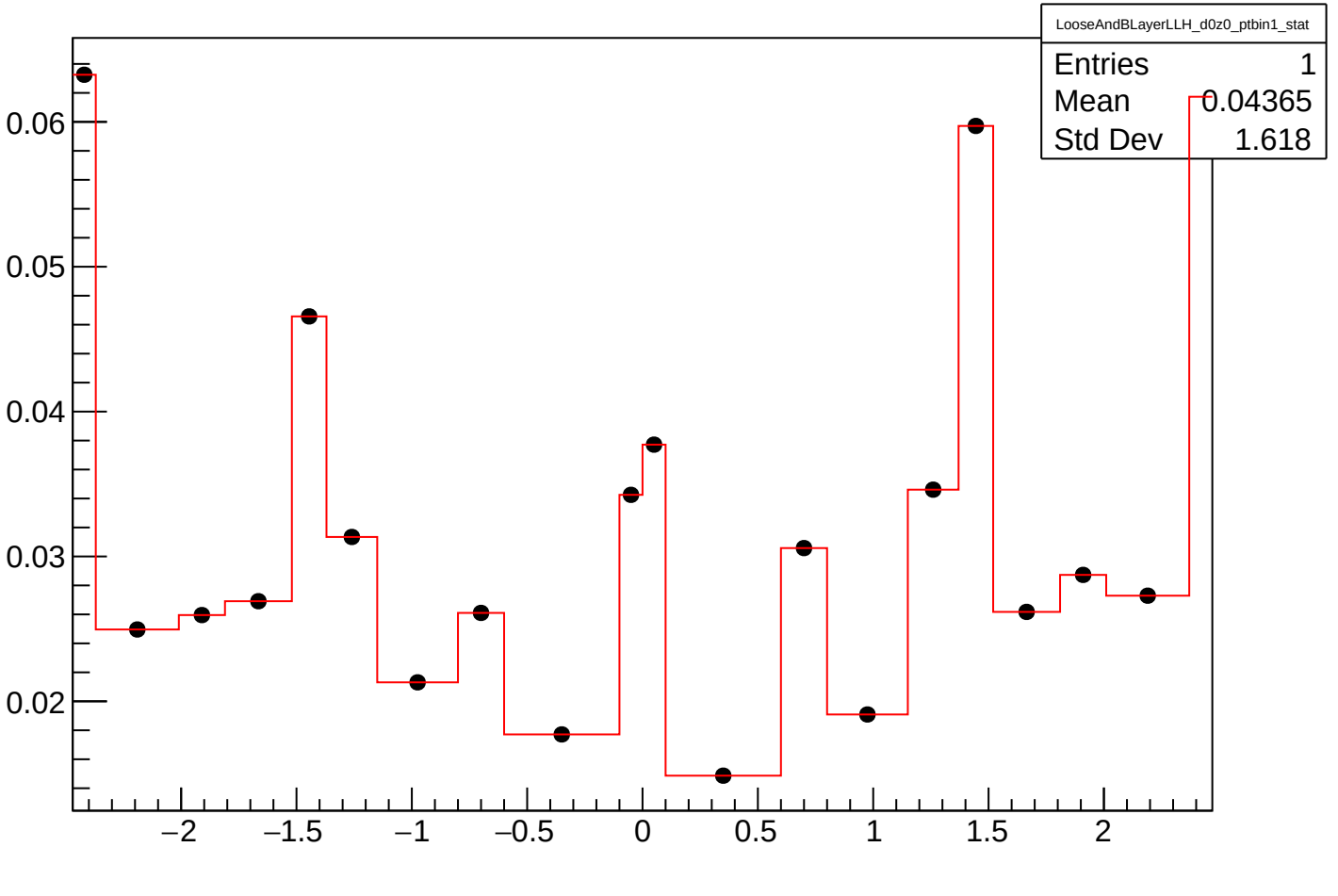
FullSim_LooseLLH_d0z0_stat
LooseAndBLayerLLH_d0z0_ptbin1_stat
Entries 1
Mean 0.04365
Std Dev 1.618
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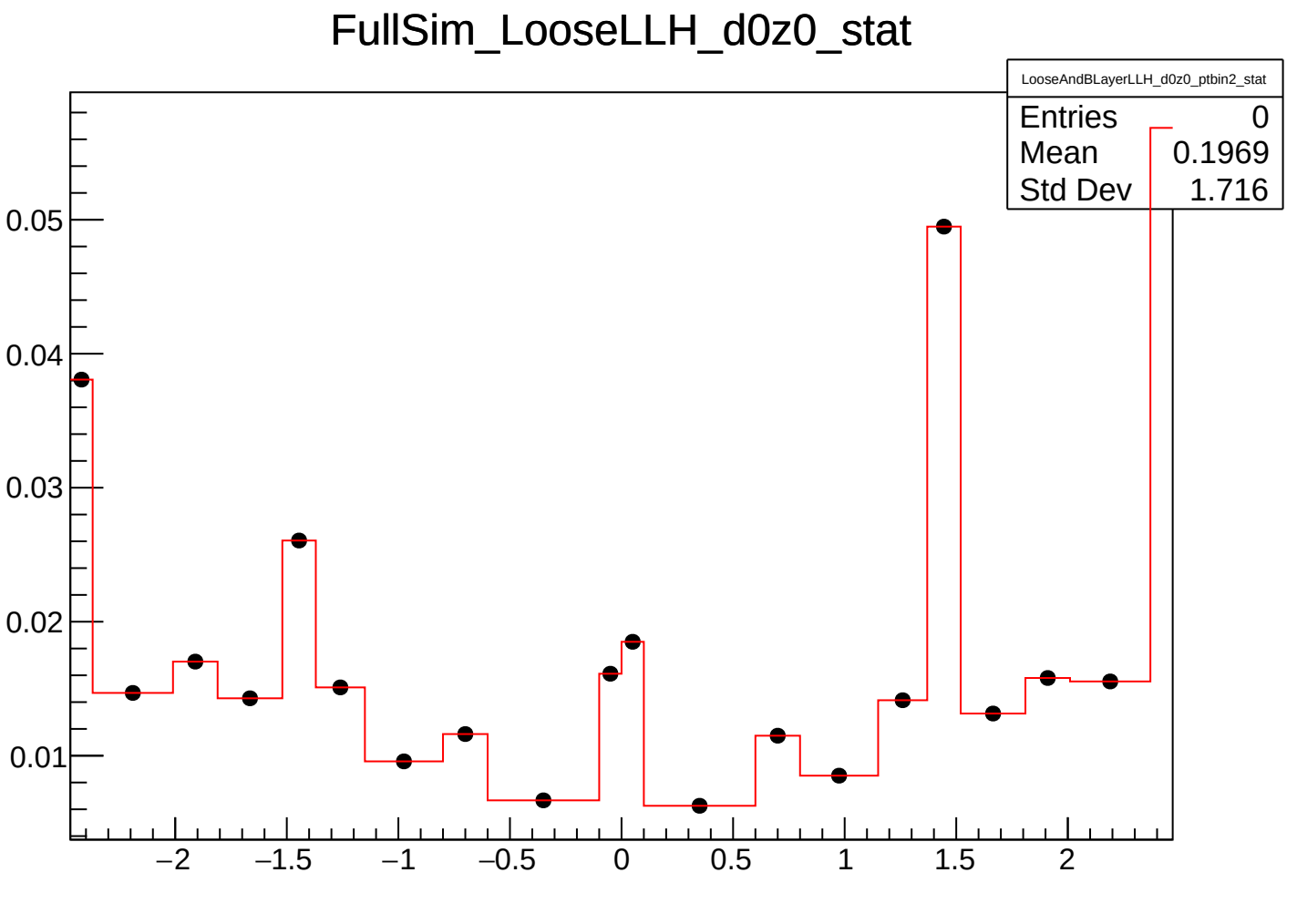
FullSim_LooseLLH_d0z0_stat
LooseAndBLayerLLH_d0z0_ptbin2_stat
Entries 0
Mean 0.1969
Std Dev 1.716
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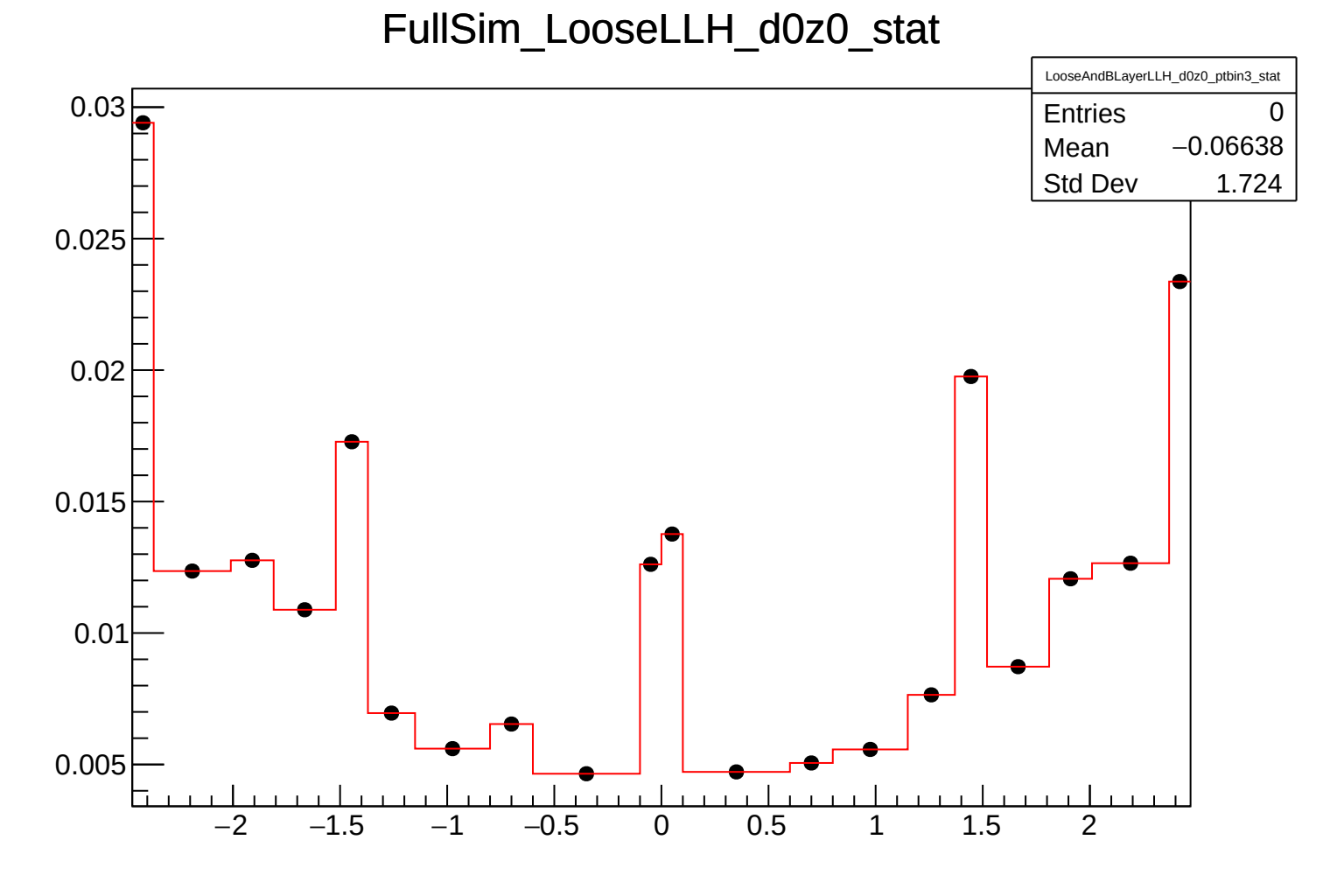
FullSim_LooseLLH_d0z0_stat
LooseAndBLayerLLH_d0z0_ptbin3_stat
Entries 0
Mean −0.06638
Std Dev 1.724
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0.025
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0.01
0.005
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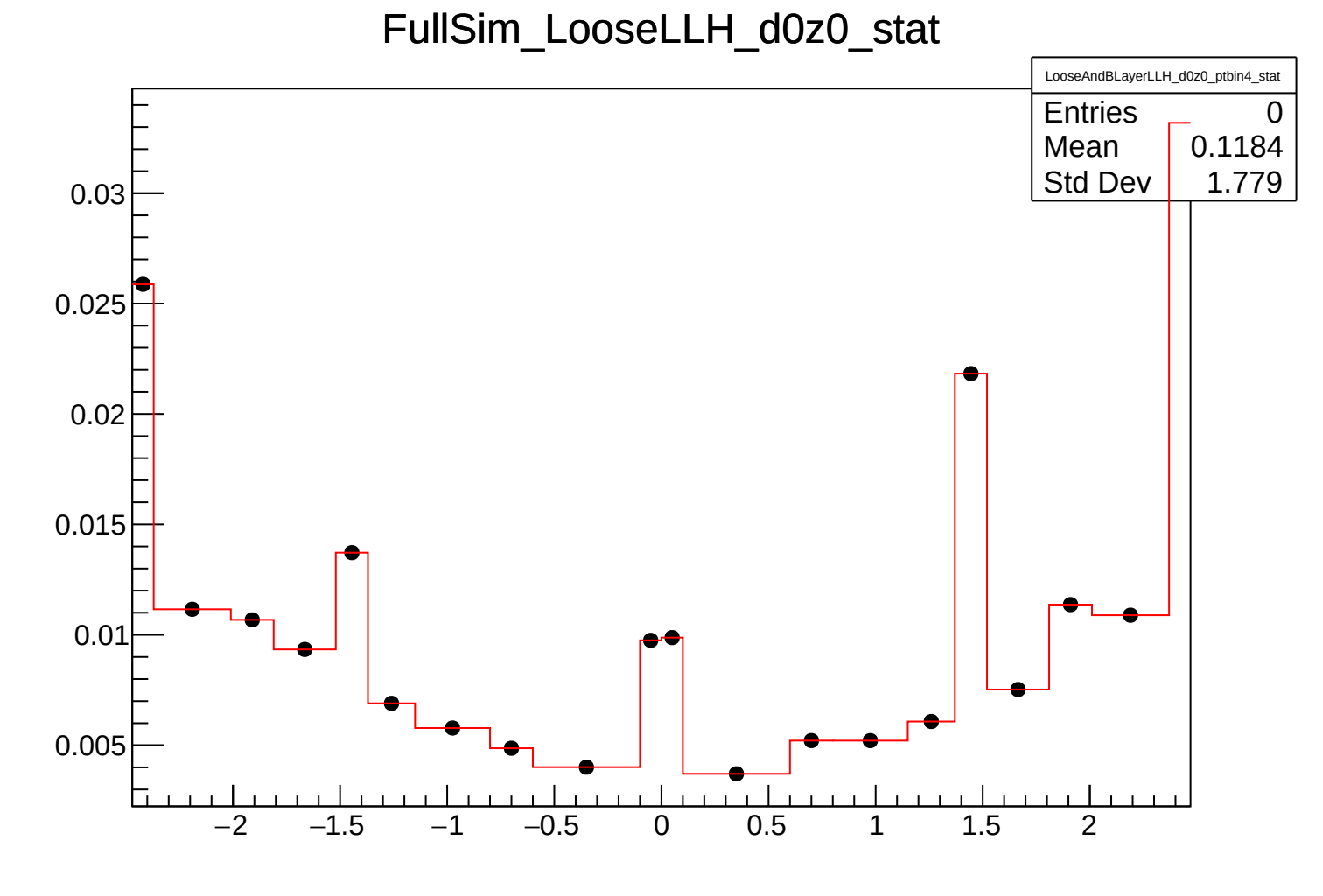
FullSim_LooseLLH_d0z0_stat
LooseAndBLayerLLH_d0z0_ptbin4_stat
Entries 0
Mean 0.1184
Std Dev 1.779
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0.025
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0.01
0.005
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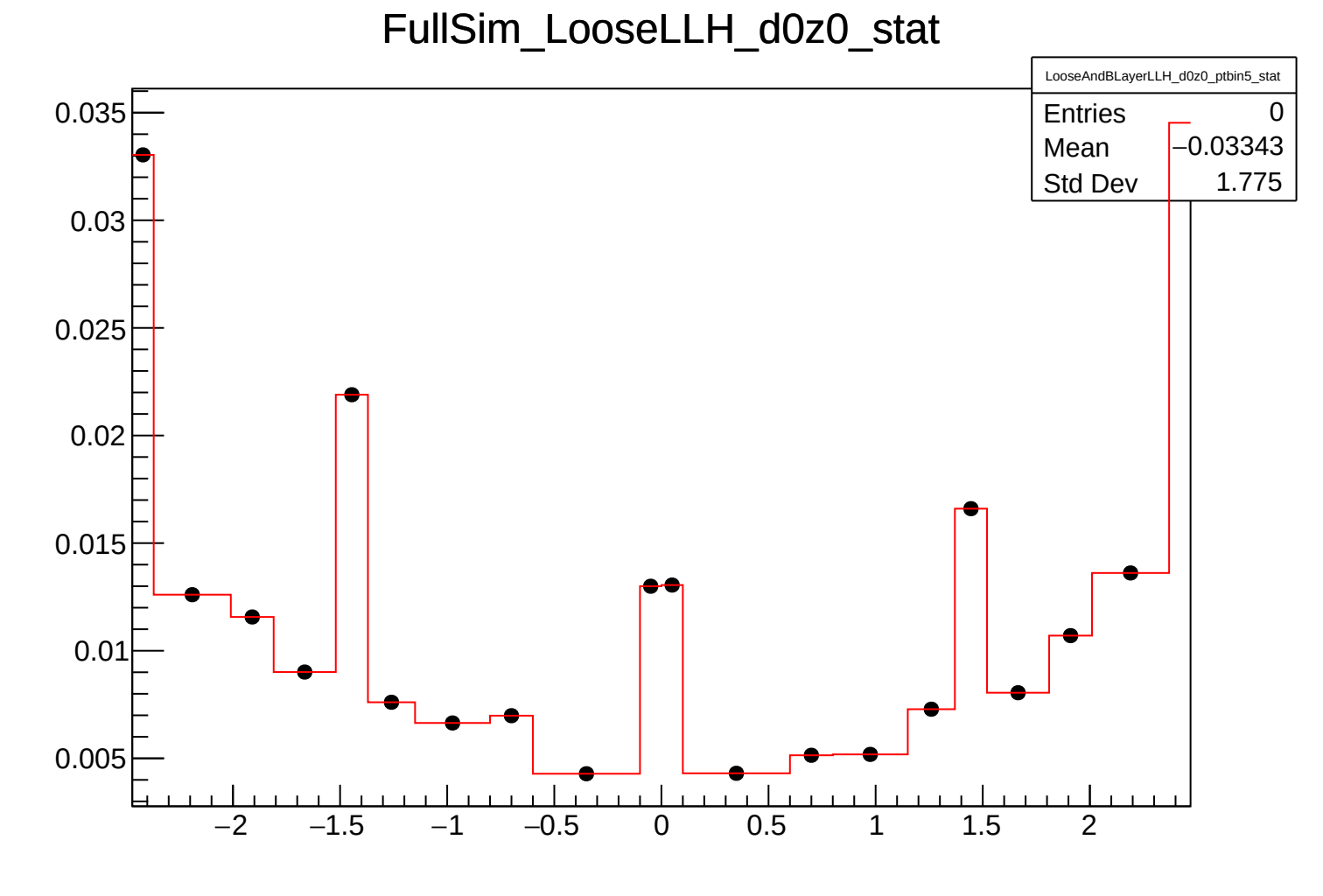
FullSim_LooseLLH_d0z0_stat
LooseAndBLayerLLH_d0z0_ptbin5_stat
Entries 0
Mean −0.03343
Std Dev 1.775
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0.03
0.025
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0.01
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1.5
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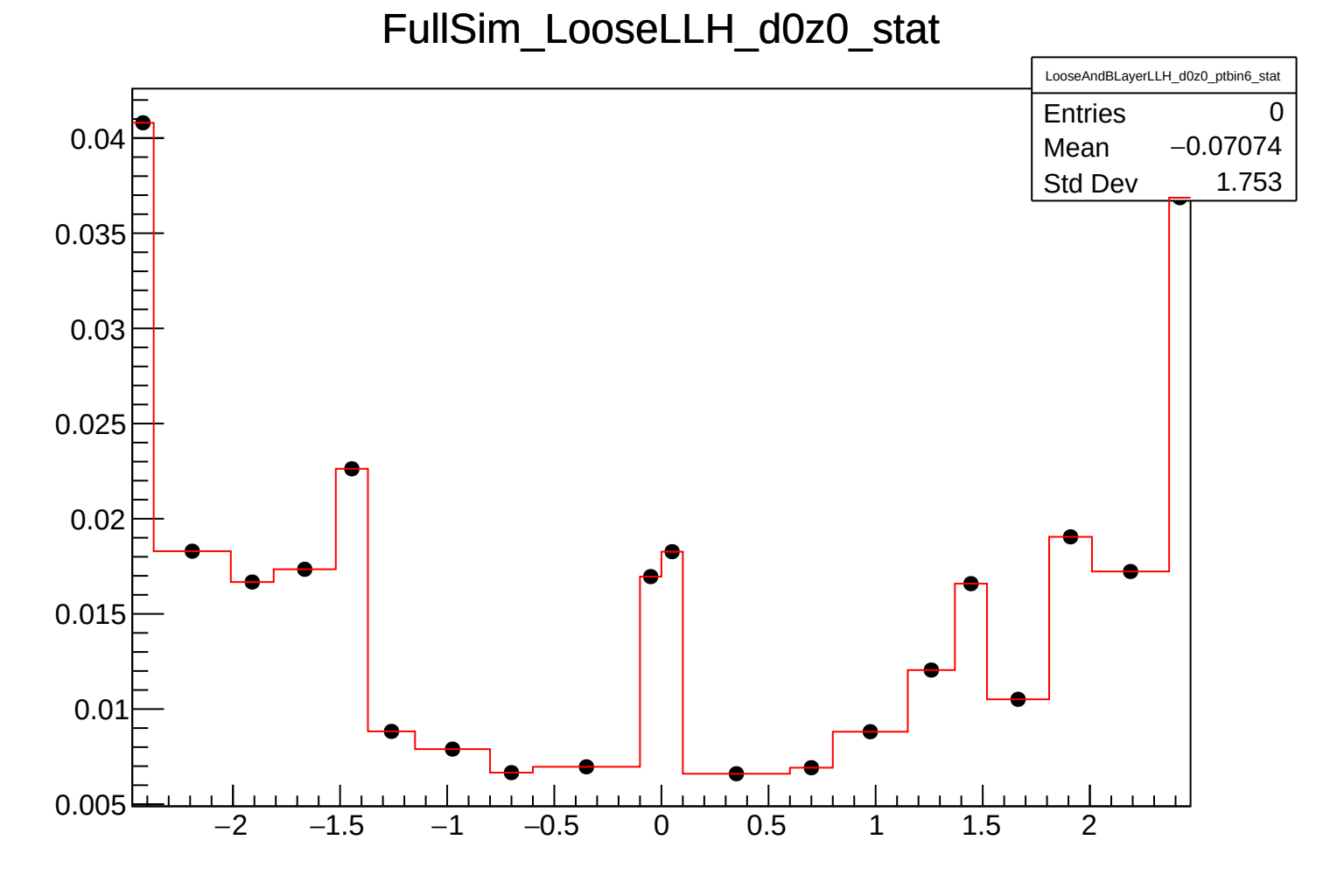
FullSim_LooseLLH_d0z0_stat
LooseAndBLayerLLH_d0z0_ptbin6_stat
Entries 0
Mean −0.07074
Std Dev 1.753
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0.03
0.025
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0.01
0.005
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1.5
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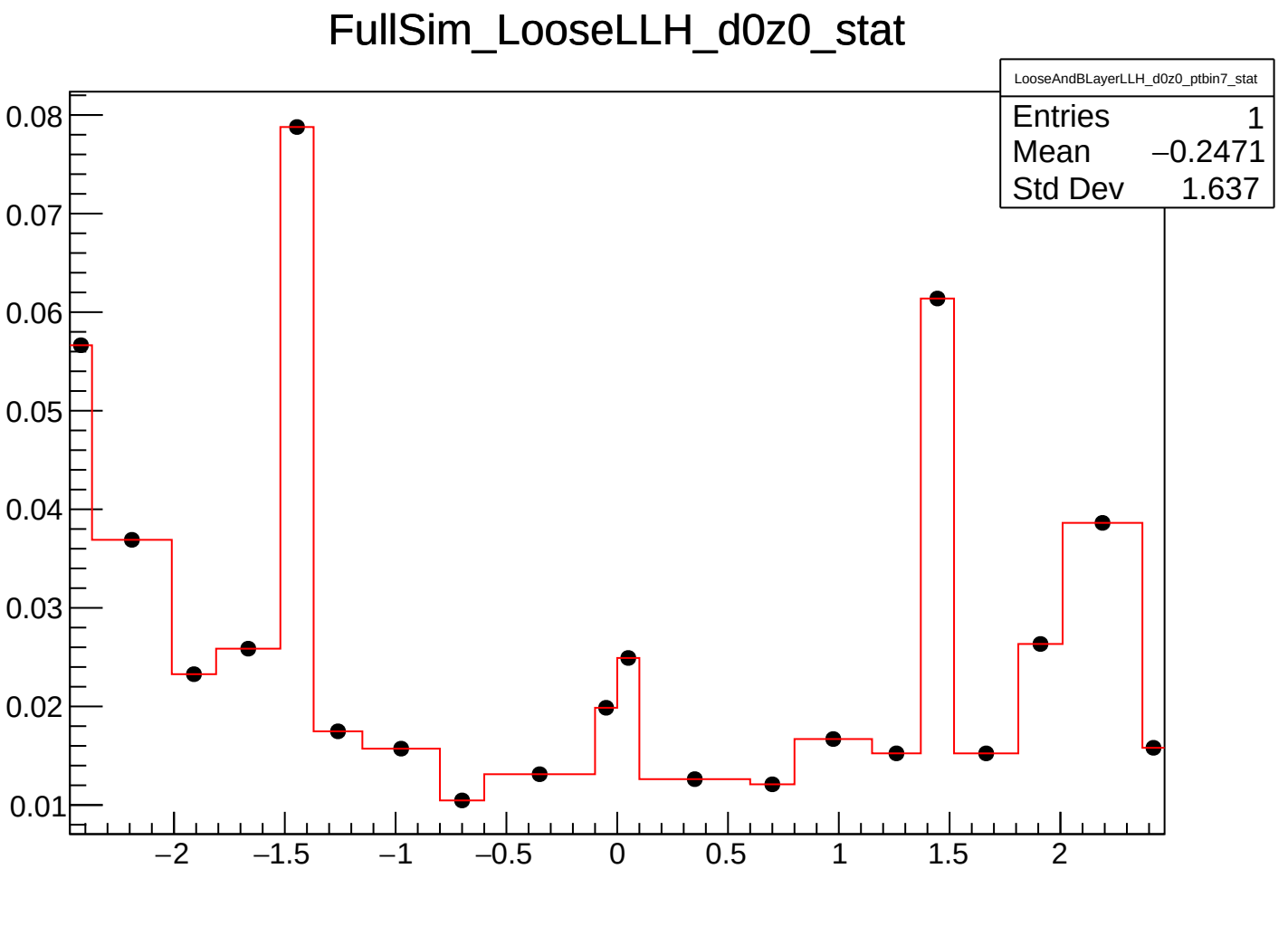
FullSim_LooseLLH_d0z0_stat
LooseAndBLayerLLH_d0z0_ptbin7_stat
Entries 1
Mean −0.2471
Std Dev 1.637
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0.07
0.06
0.05
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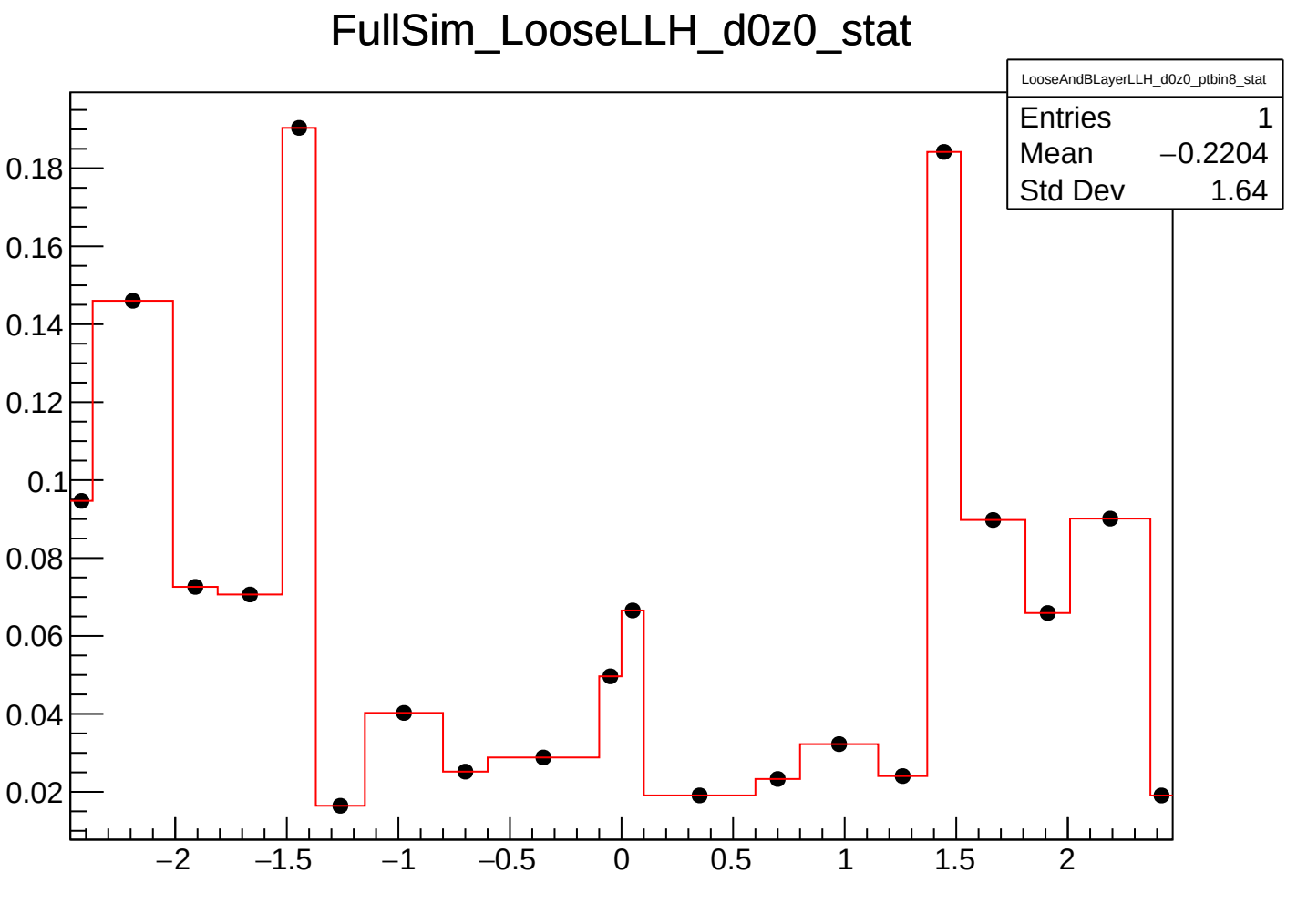
FullSim_LooseLLH_d0z0_stat
LooseAndBLayerLLH_d0z0_ptbin8_stat
Entries 1
Mean −0.2204
Std Dev 1.64
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0.14
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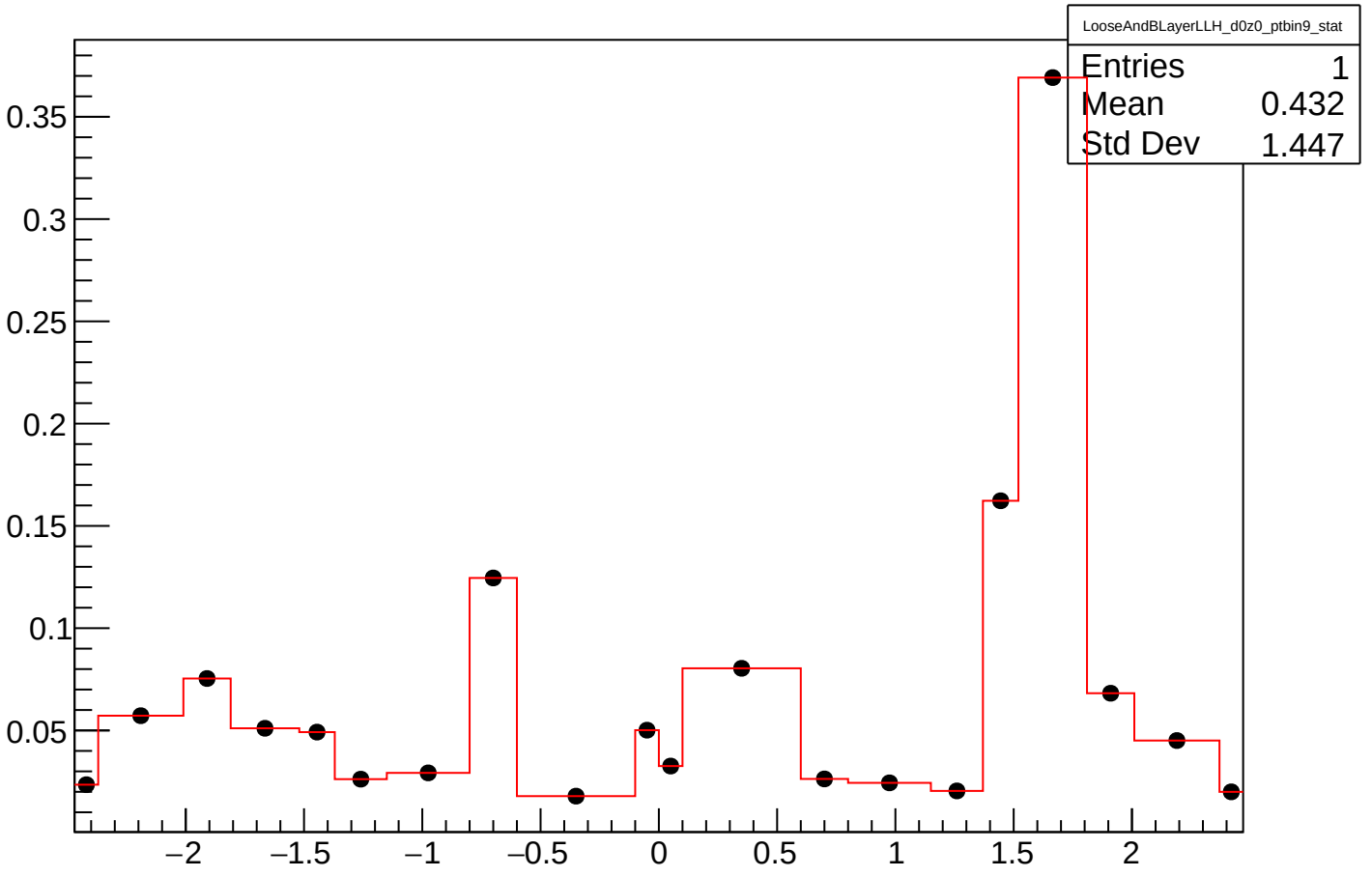
FullSim_LooseLLH_d0z0_stat
LooseAndBLayerLLH_d0z0_ptbin9_stat
Entries 1
Mean 0.432
Std Dev 1.447
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0.25
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0.05
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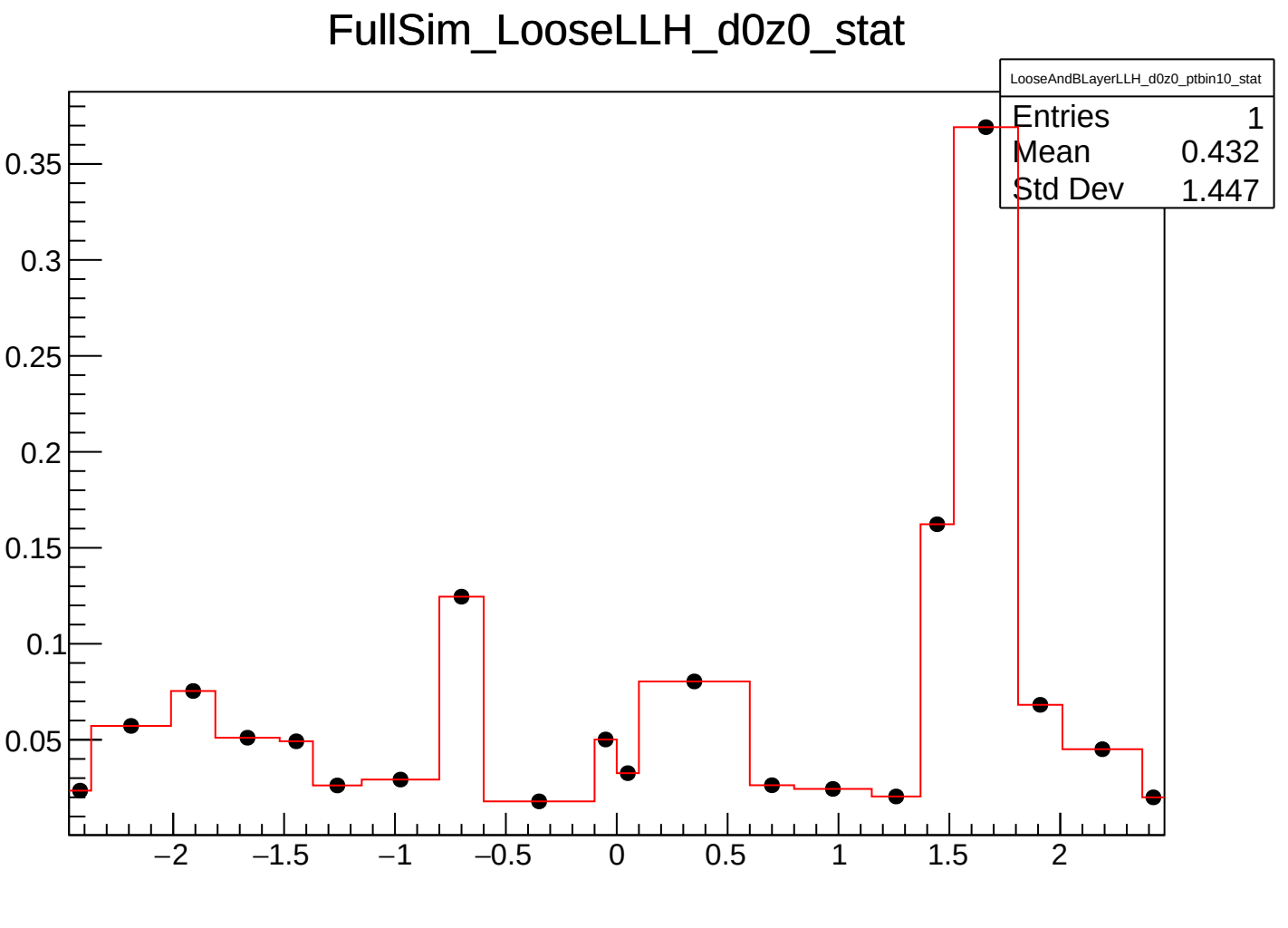
FullSim_LooseLLH_d0z0_stat
LooseAndBLayerLLH_d0z0_ptbin10_stat
Entries 1
Mean 0.432
Std Dev 1.447
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0.25
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0.05
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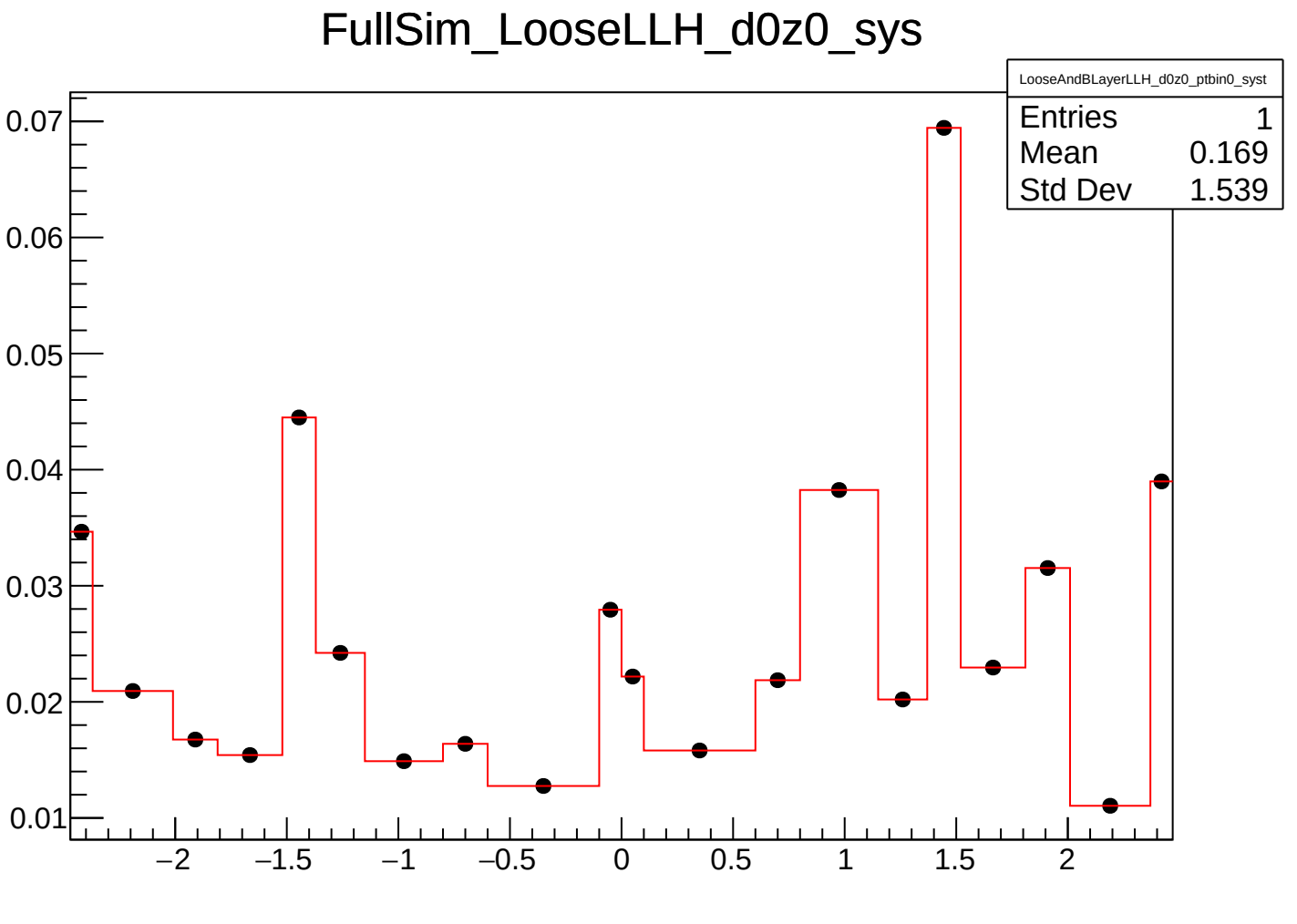
FullSim_LooseLLH_d0z0_sys
LooseAndBLayerLLH_d0z0_ptbin0_syst
Entries 1
Mean 0.169
Std Dev 1.539
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0.05
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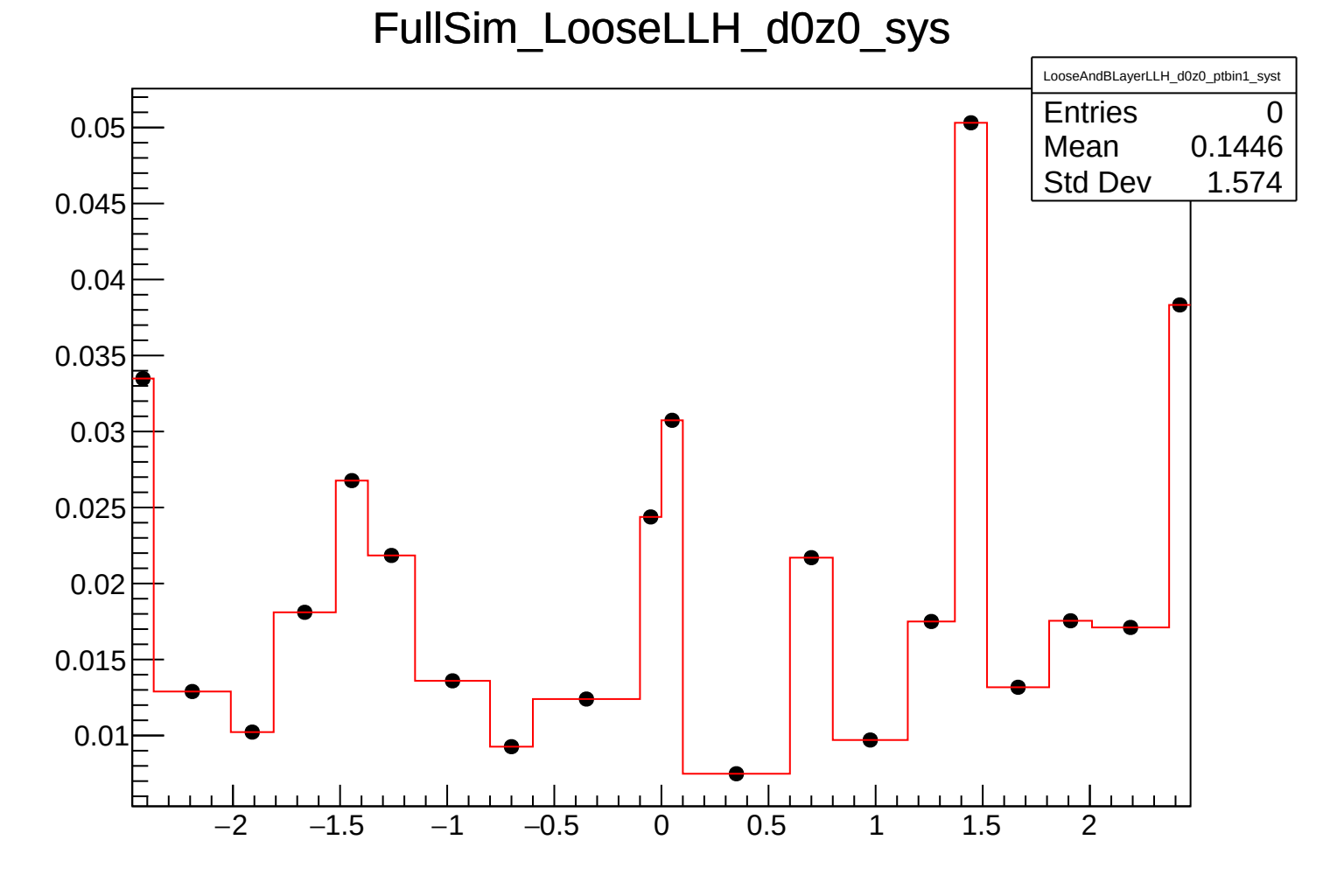
FullSim_LooseLLH_d0z0_sys
LooseAndBLayerLLH_d0z0_ptbin1_syst
Entries 0
Mean 0.1446
Std Dev 1.574
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0.045
0.04
0.035
0.03
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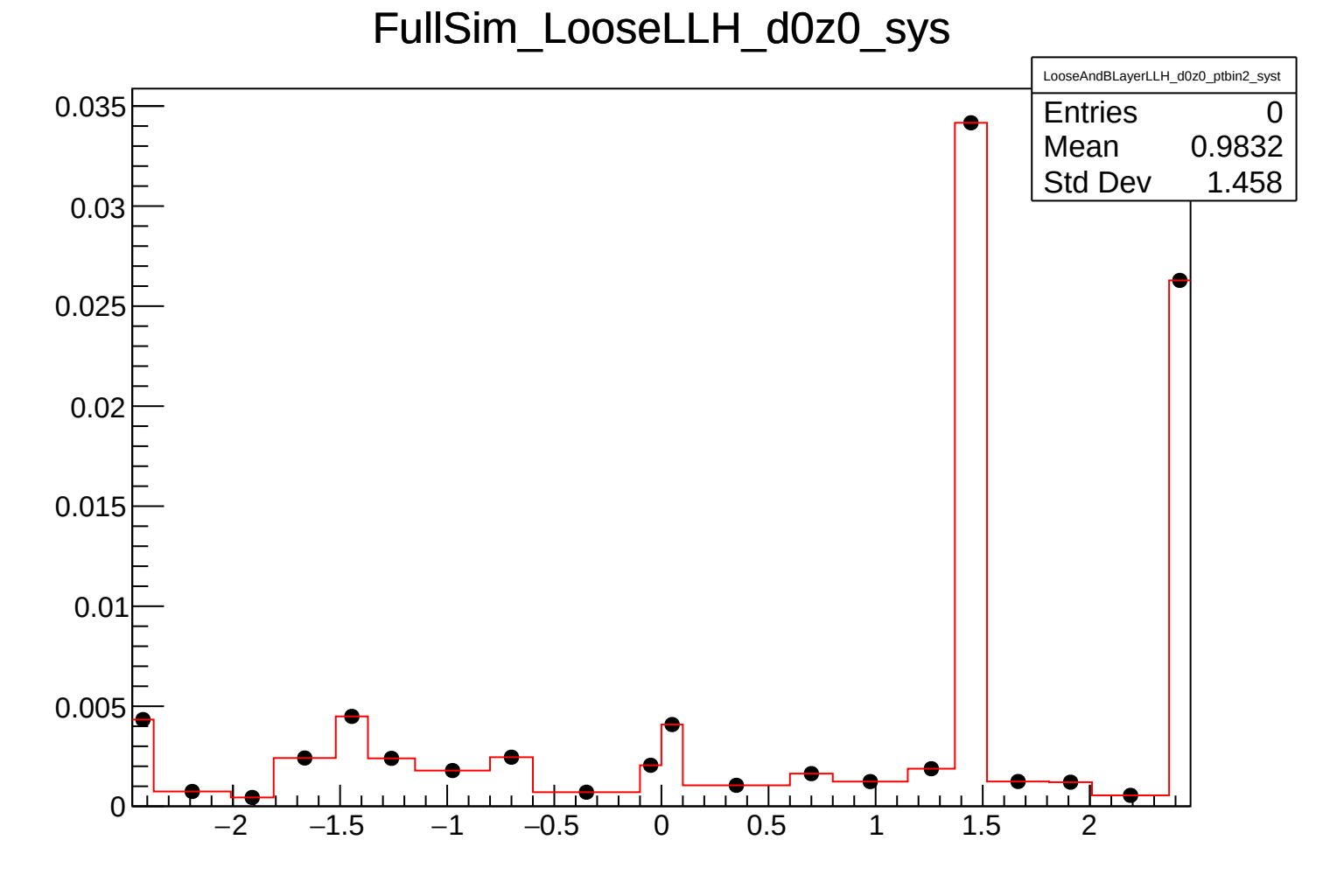
FullSim_LooseLLH_d0z0_sys
LooseAndBLayerLLH_d0z0_ptbin2_syst
Entries 0
Mean 0.9832
Std Dev 1.458
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0.025
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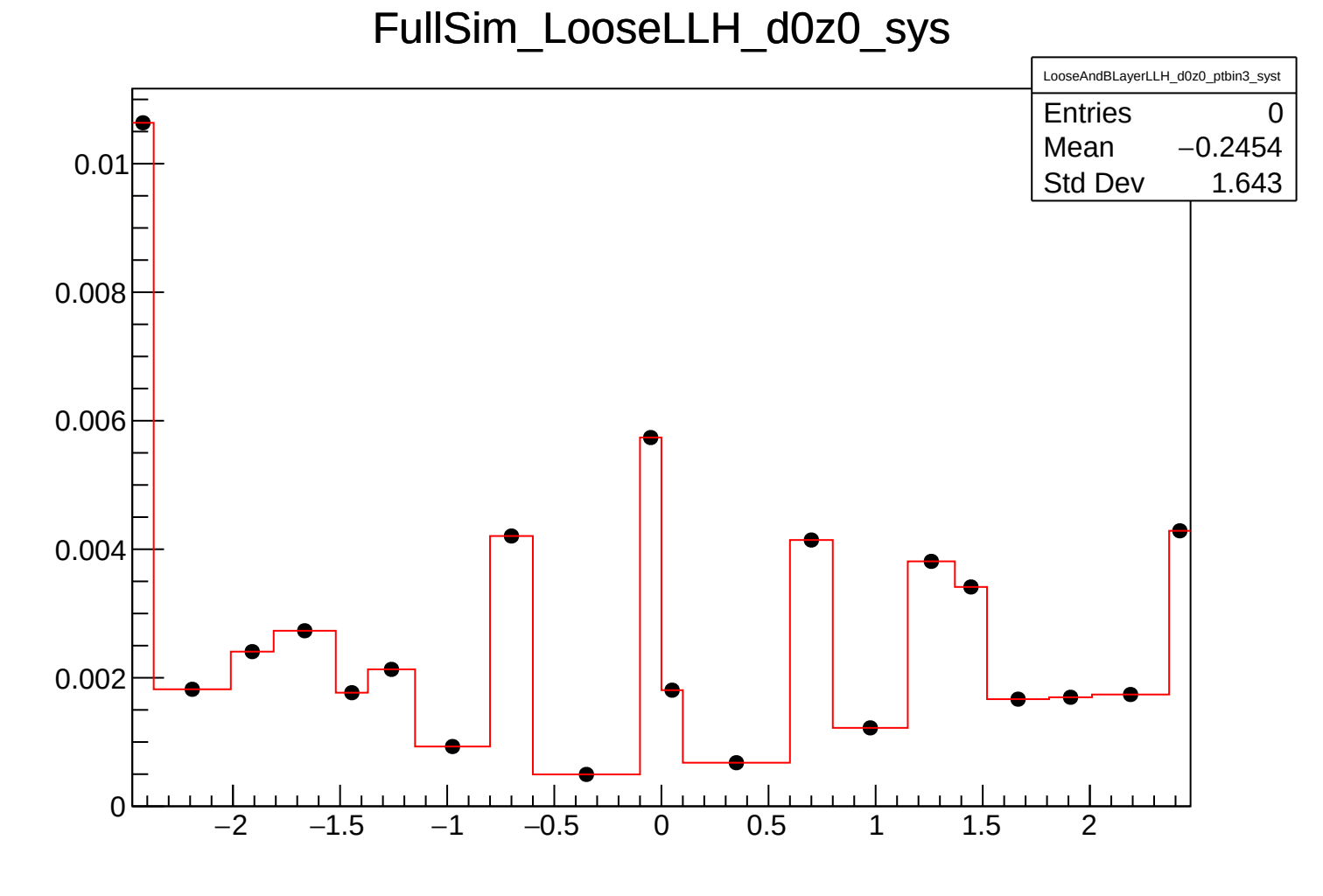
FullSim_LooseLLH_d0z0_sys
LooseAndBLayerLLH_d0z0_ptbin3_syst
Entries 0
Mean −0.2454
Std Dev 1.643
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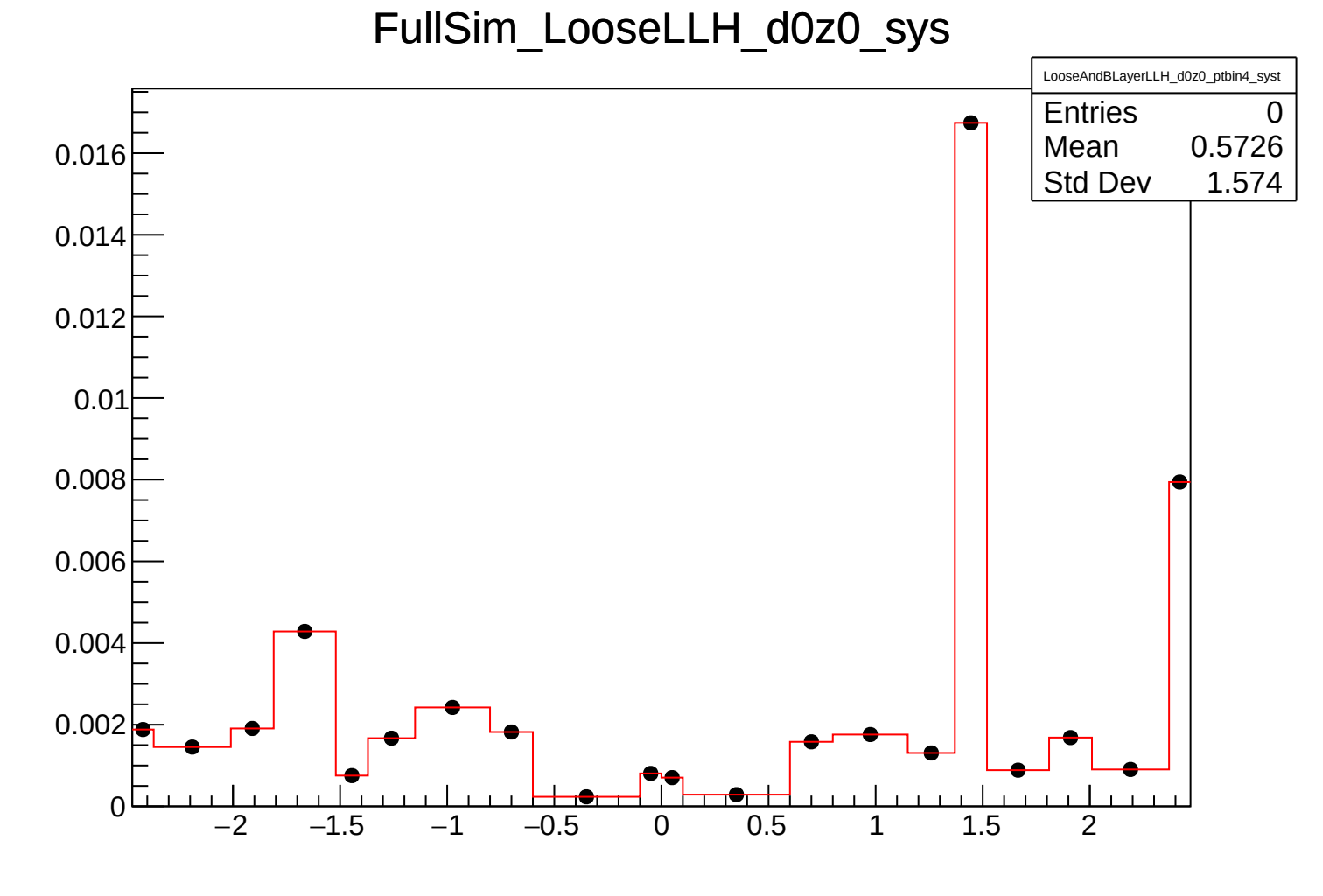
FullSim_LooseLLH_d0z0_sys
LooseAndBLayerLLH_d0z0_ptbin4_syst
Entries 0
Mean 0.5726
Std Dev 1.574
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0.014
0.012
0.01
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0.002
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1.5
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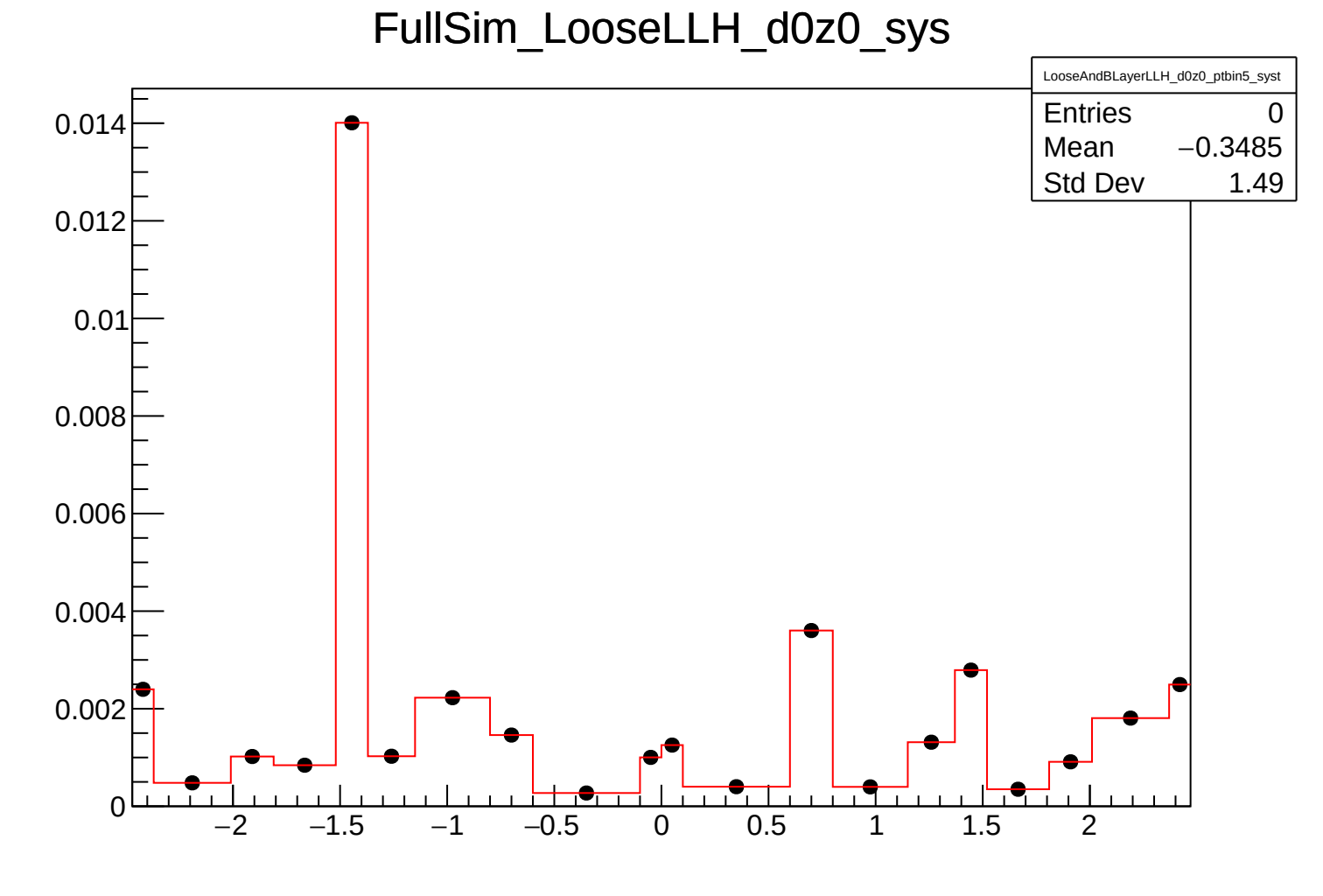
FullSim_LooseLLH_d0z0_sys
LooseAndBLayerLLH_d0z0_ptbin5_syst
Entries 0
Mean −0.3485
Std Dev 1.49
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0.012
0.01
0.008
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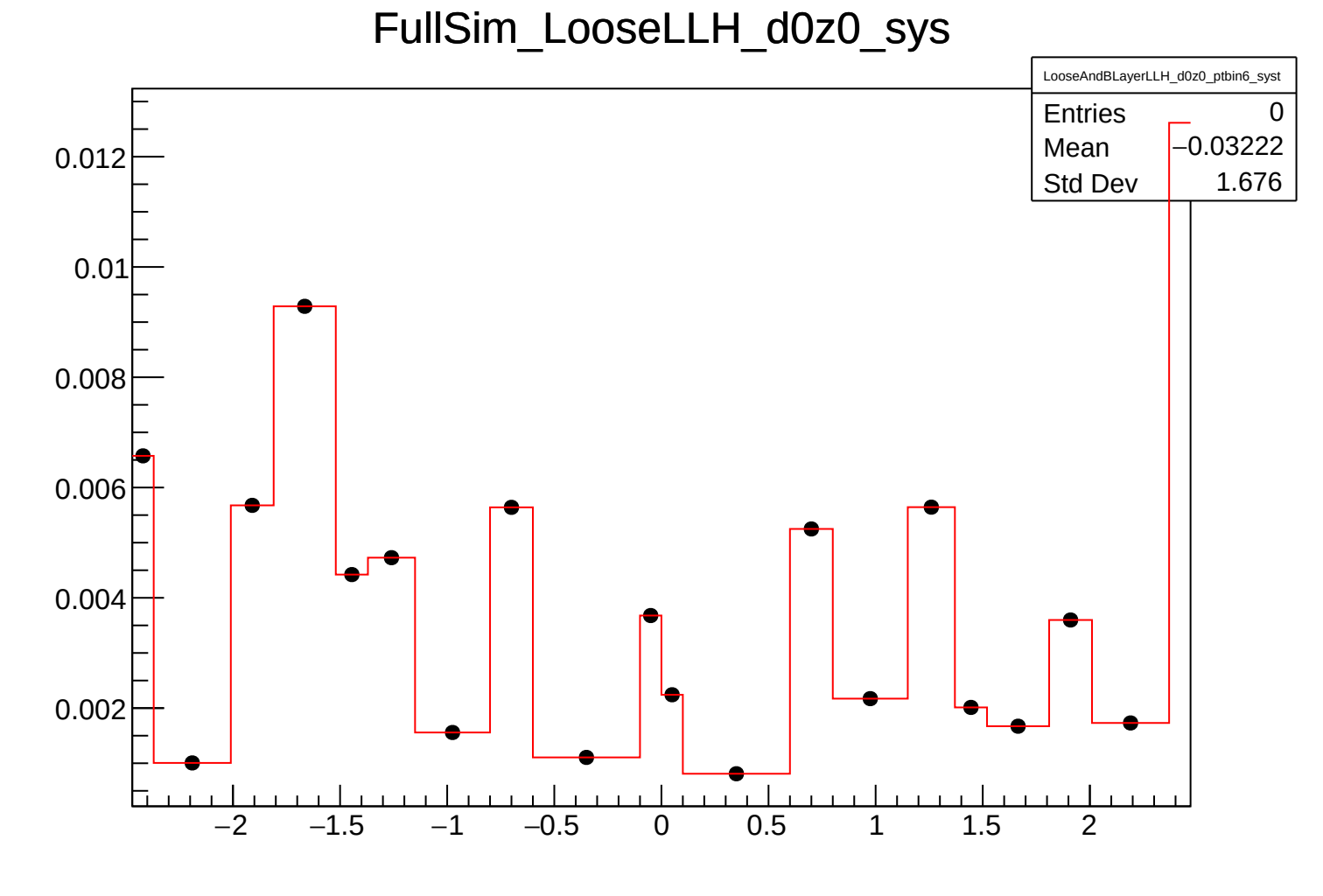
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LooseAndBLayerLLH_d0z0_ptbin6_syst
Entries 0
Mean −0.03222
Std Dev 1.676
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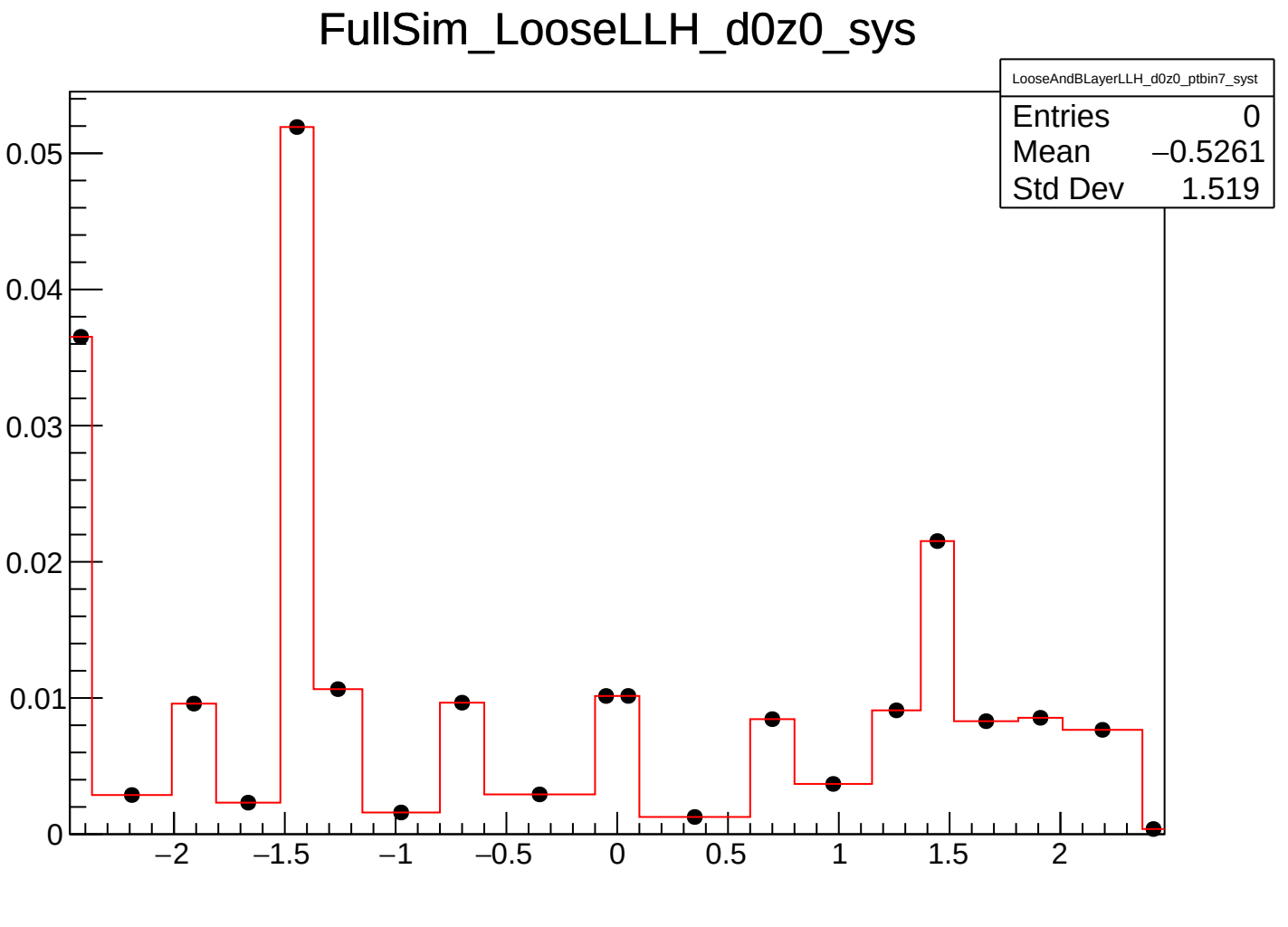
FullSim_LooseLLH_d0z0_sys
LooseAndBLayerLLH_d0z0_ptbin7_syst
Entries 0
Mean −0.5261
Std Dev 1.519
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0.03
0.02
0.01
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−1
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0.5
1
1.5
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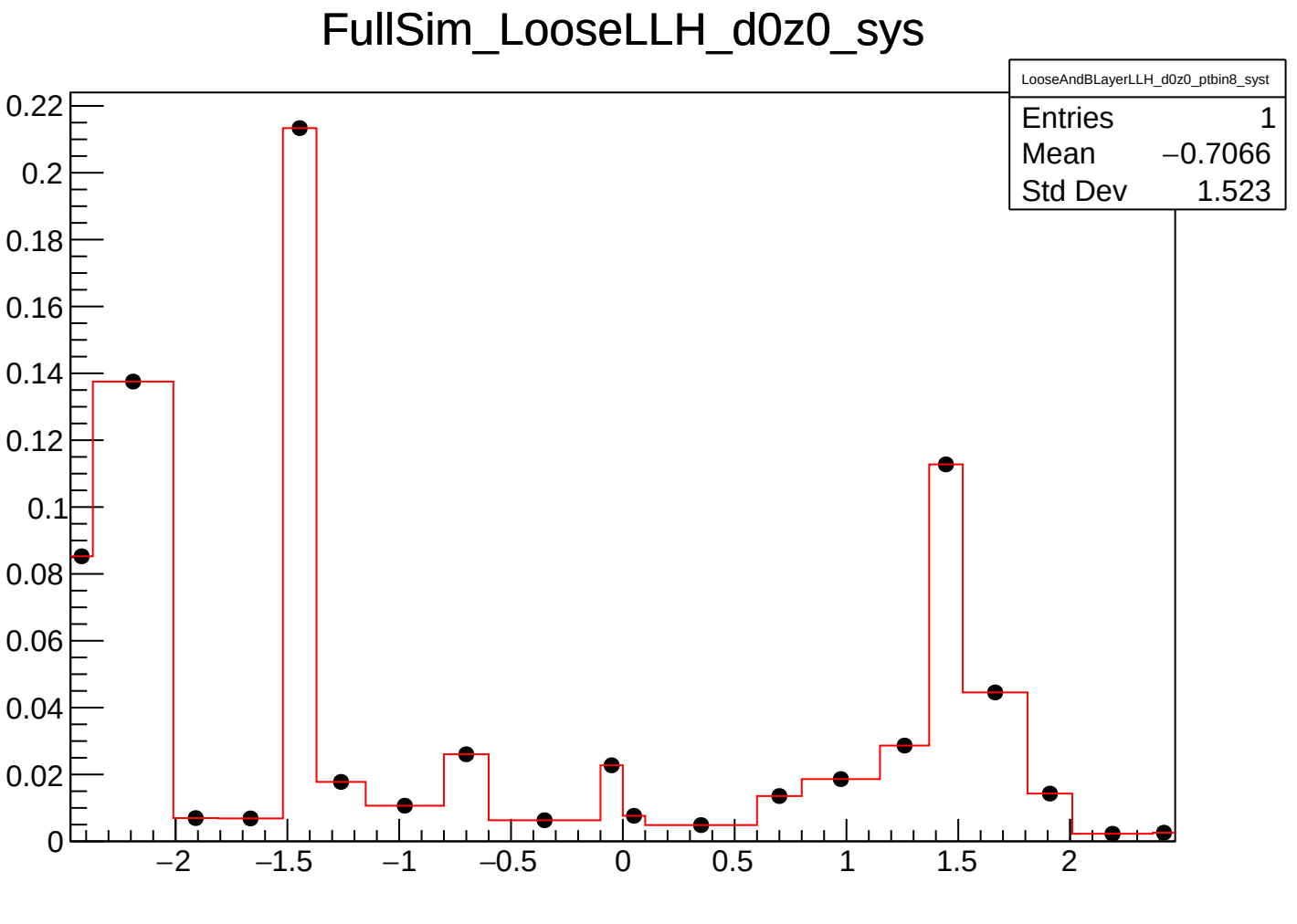
FullSim_LooseLLH_d0z0_sys
LooseAndBLayerLLH_d0z0_ptbin8_syst
Entries 1
Mean −0.7066
Std Dev 1.523
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0.2
0.18
0.16
0.14
0.12
0.1
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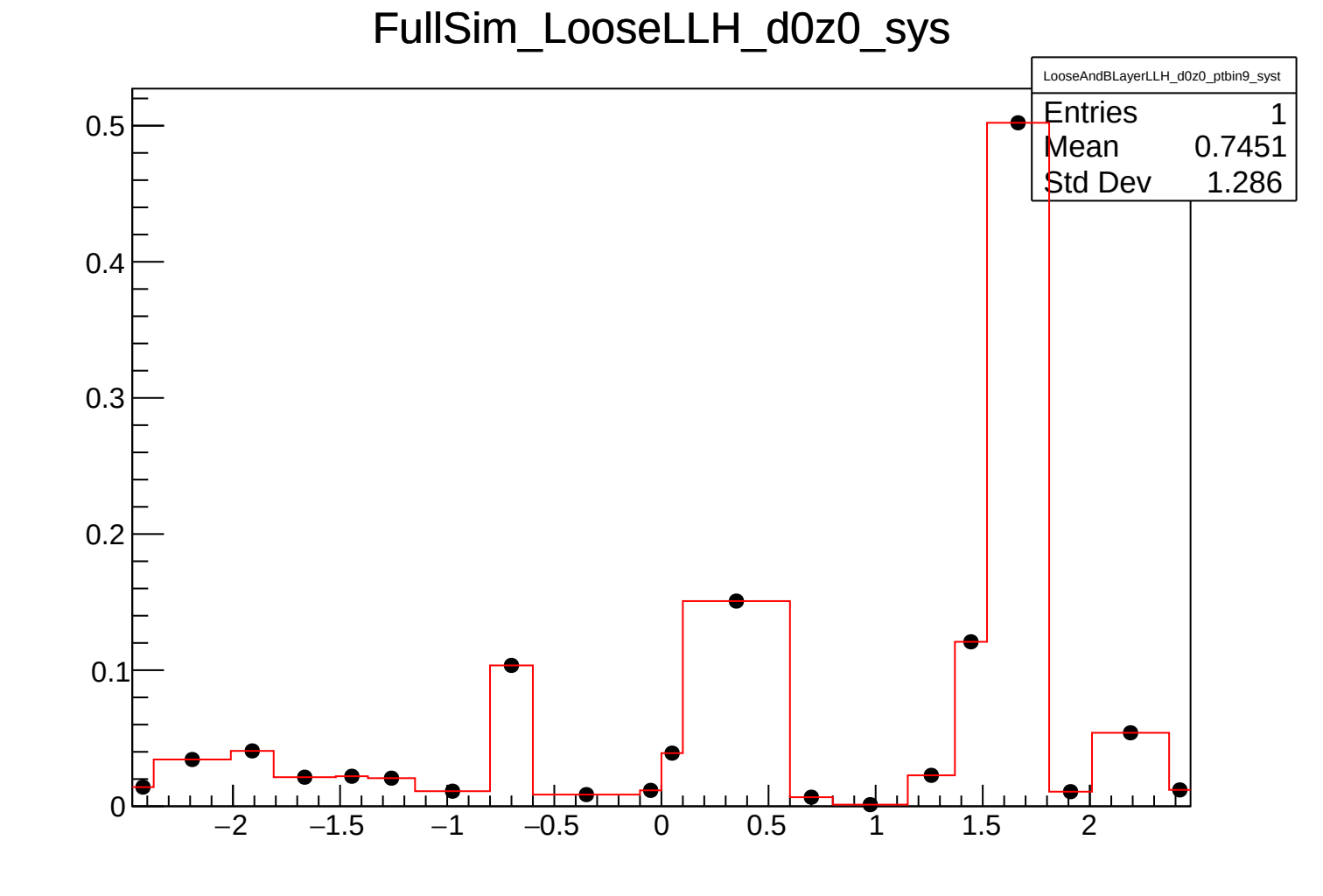
FullSim_LooseLLH_d0z0_sys
LooseAndBLayerLLH_d0z0_ptbin9_syst
Entries 1
Mean 0.7451
Std Dev 1.286
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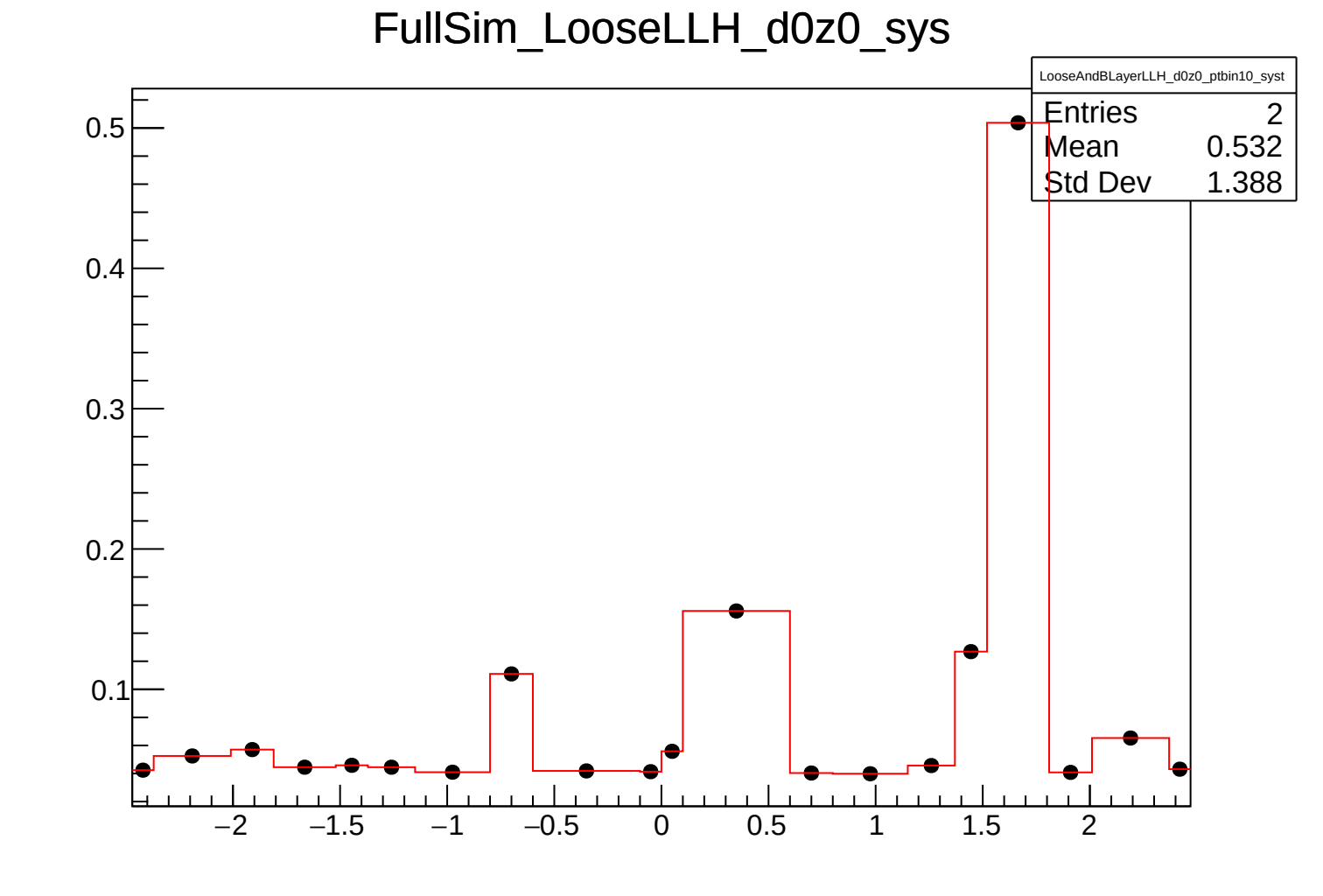
FullSim_LooseLLH_d0z0_sys
LooseAndBLayerLLH_d0z0_ptbin10_syst
Entries 2
Mean 0.532
Std Dev 1.388
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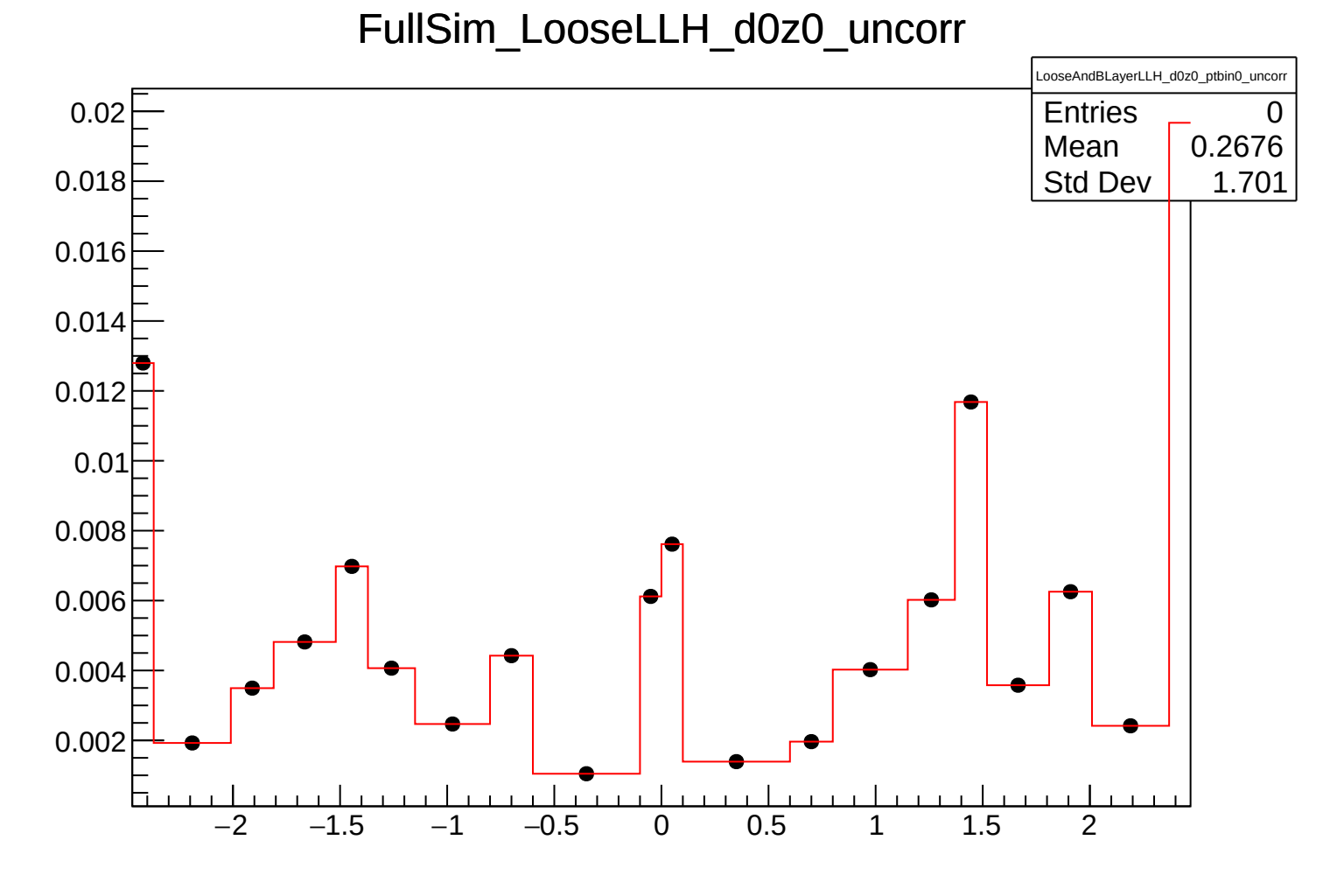
FullSim_LooseLLH_d0z0_uncorr
LooseAndBLayerLLH_d0z0_ptbin0_uncorr
Entries 0
Mean 0.2676
Std Dev 1.701
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0.014
0.012
0.01
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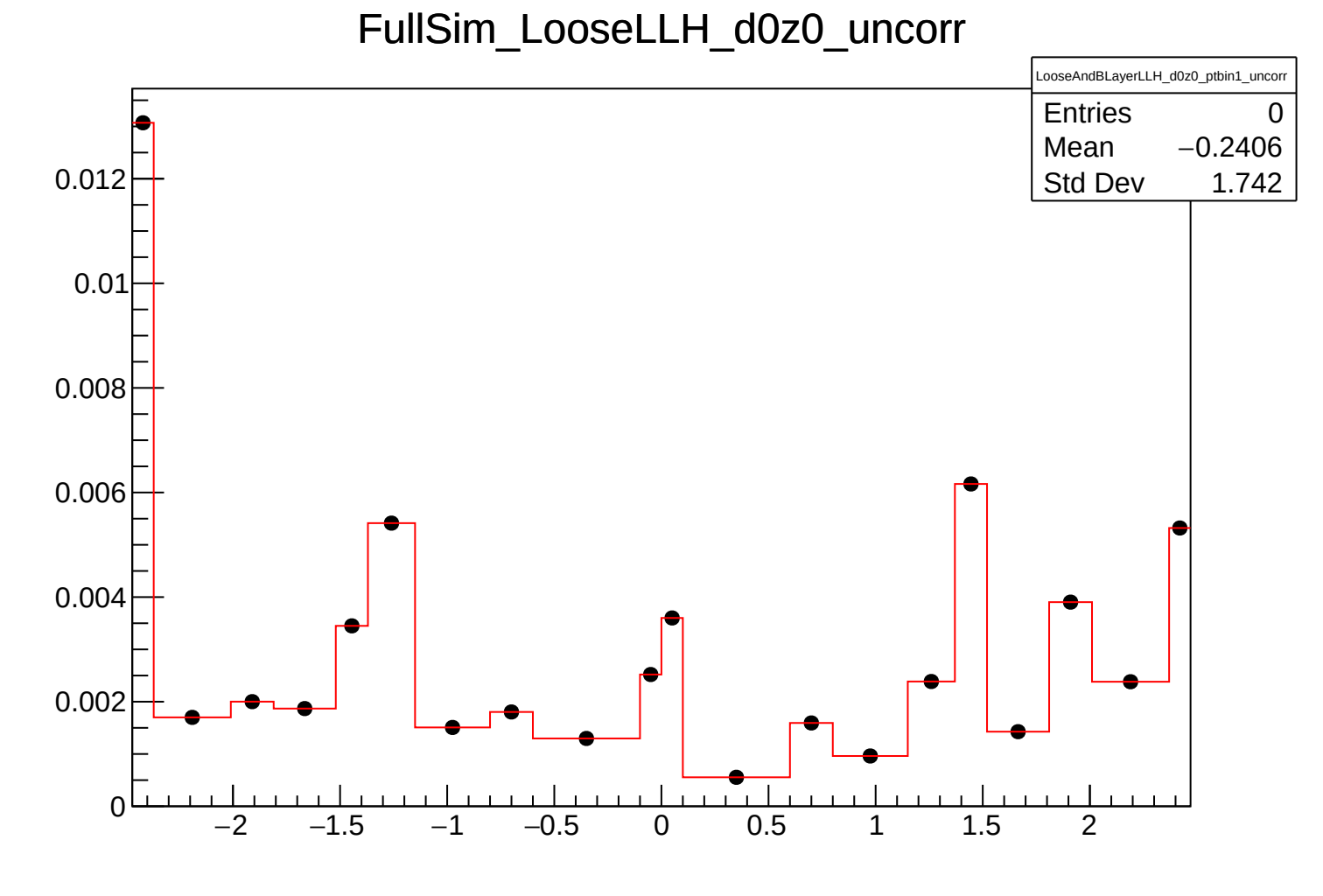
FullSim_LooseLLH_d0z0_uncorr
LooseAndBLayerLLH_d0z0_ptbin1_uncorr
Entries 0
Mean −0.2406
Std Dev 1.742
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0.01
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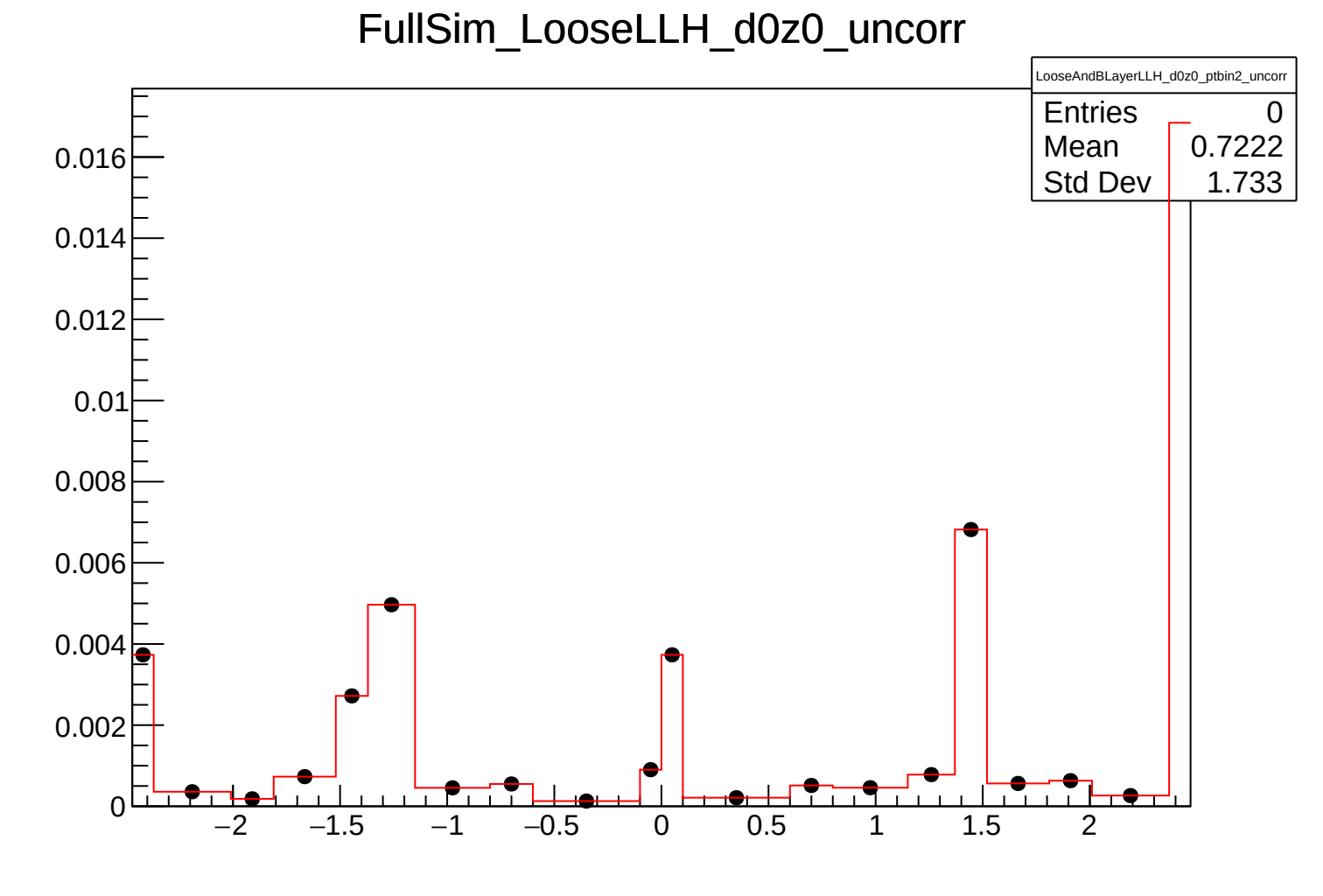
FullSim_LooseLLH_d0z0_uncorr
LooseAndBLayerLLH_d0z0_ptbin2_uncorr
Entries 0
Mean 0.7222
Std Dev 1.733
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0.014
0.012
0.01
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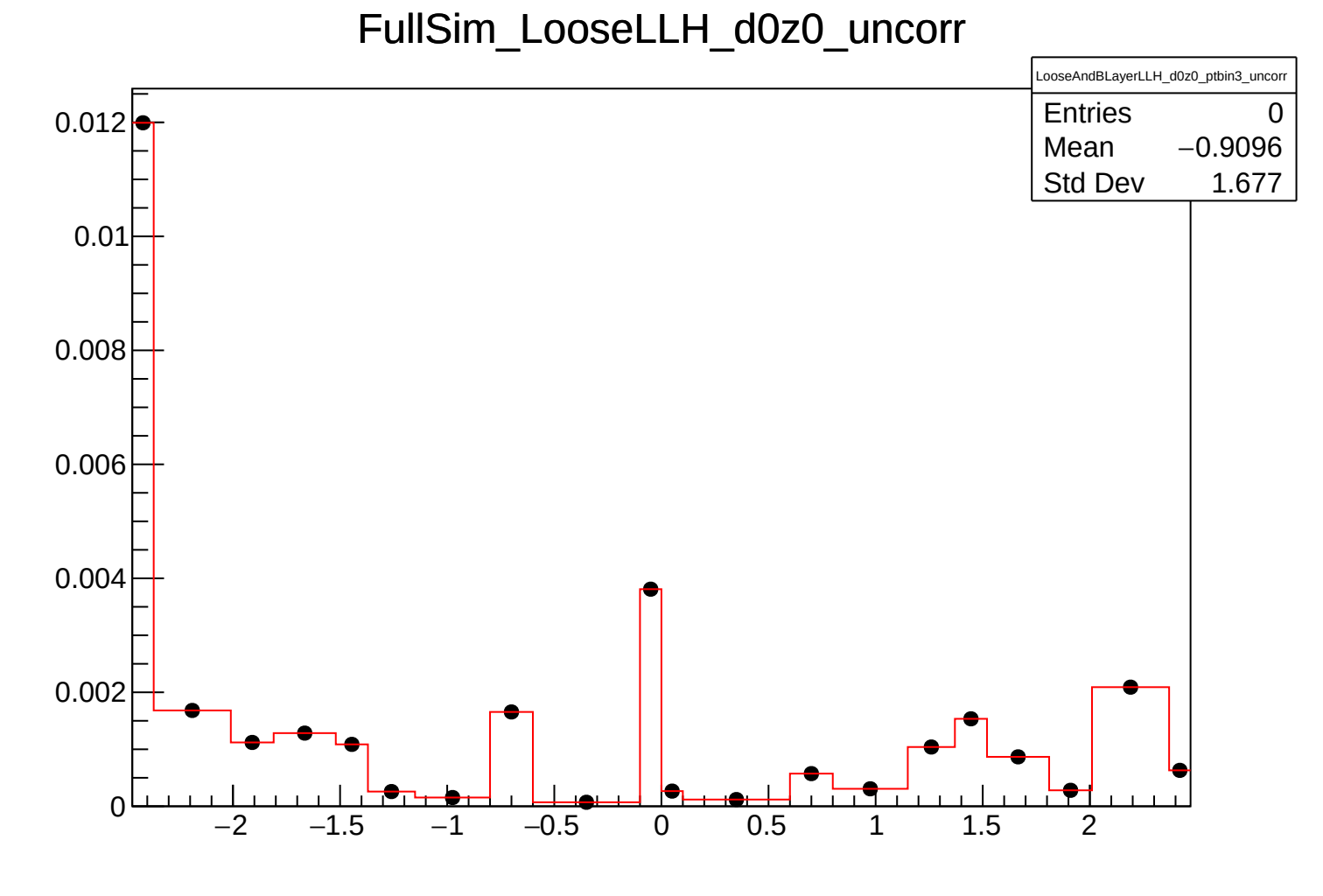
FullSim_LooseLLH_d0z0_uncorr
LooseAndBLayerLLH_d0z0_ptbin3_uncorr
Entries 0
Mean −0.9096
Std Dev 1.677
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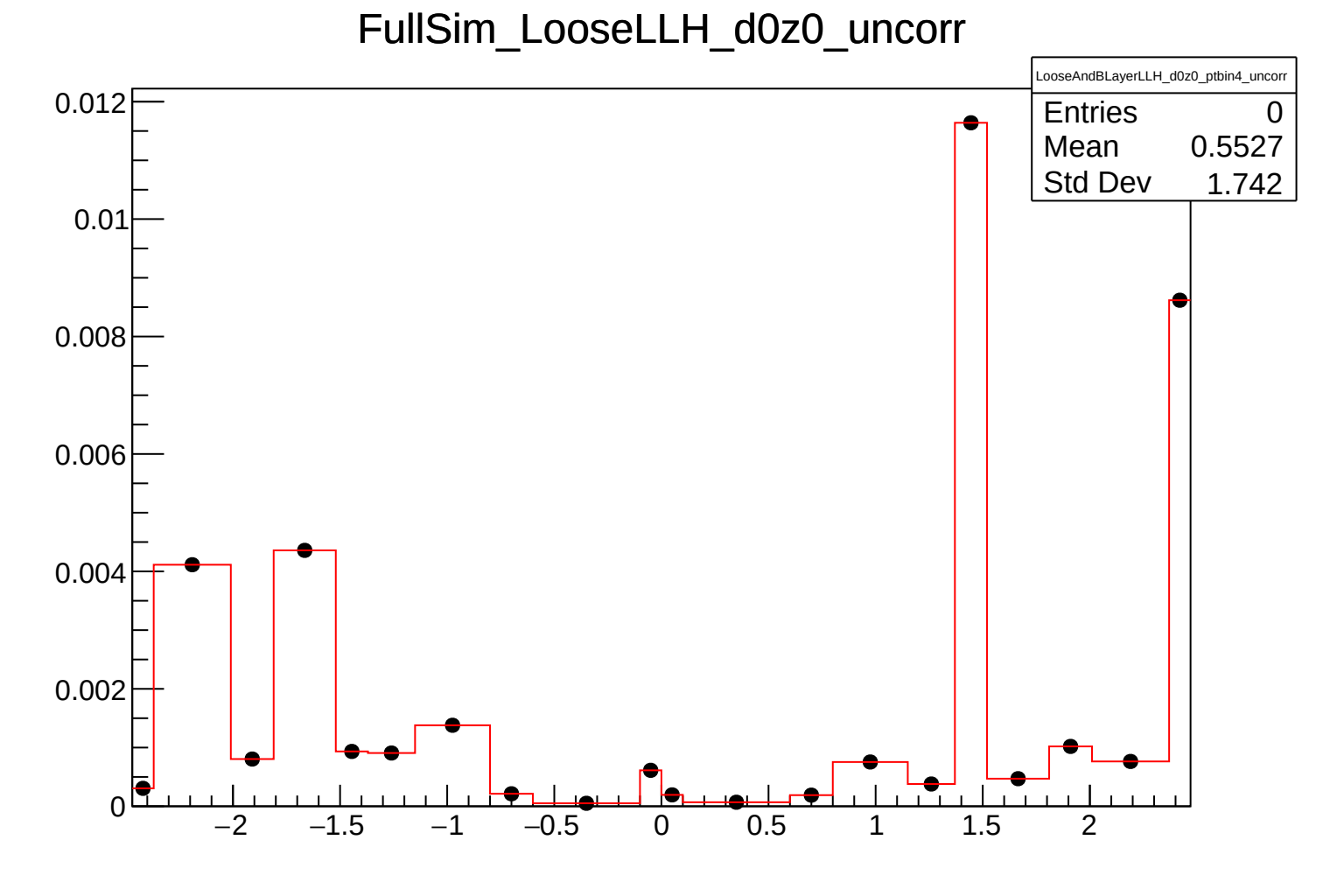
FullSim_LooseLLH_d0z0_uncorr
LooseAndBLayerLLH_d0z0_ptbin4_uncorr
Entries 0
Mean 0.5527
Std Dev 1.742
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0.01
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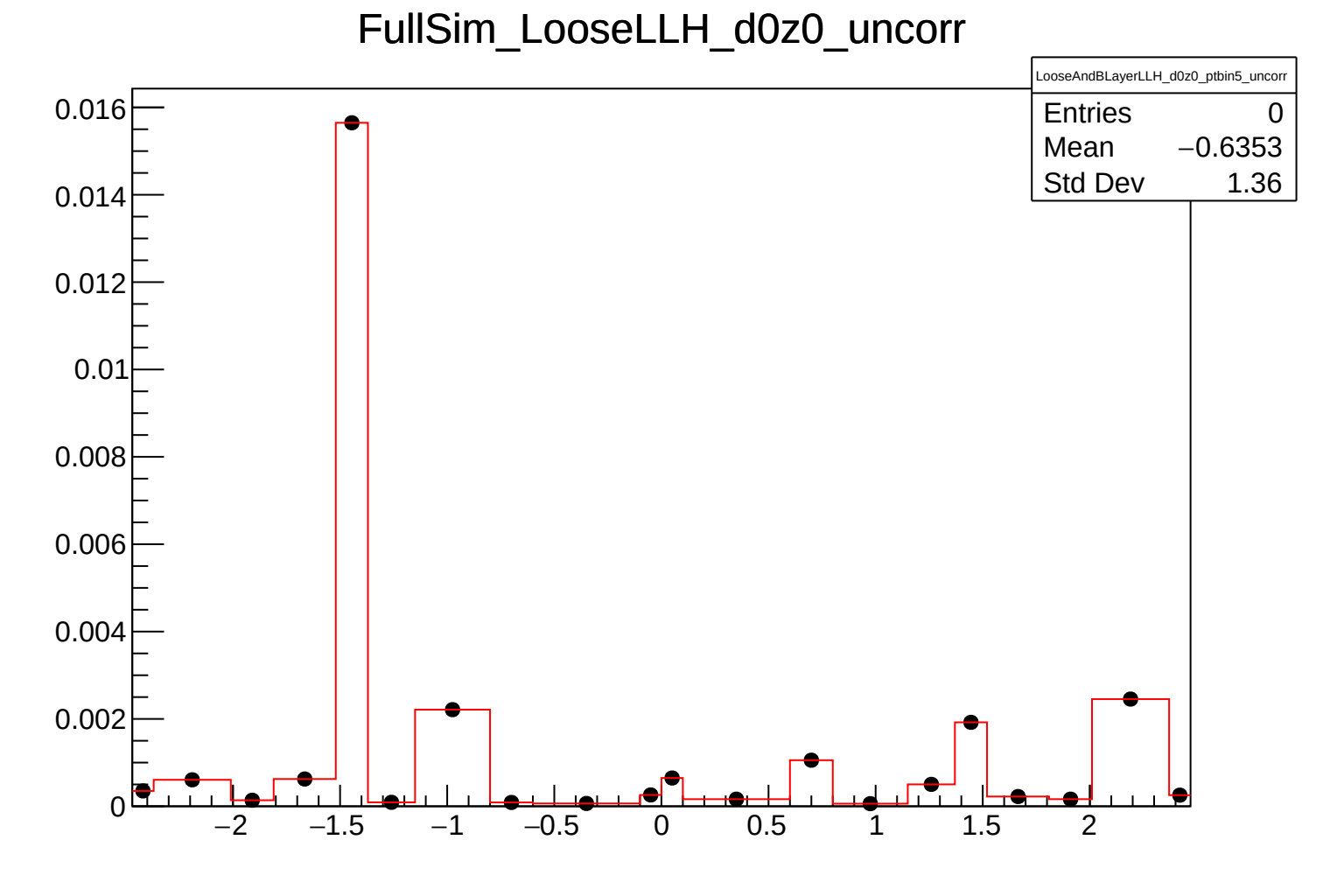
FullSim_LooseLLH_d0z0_uncorr
LooseAndBLayerLLH_d0z0_ptbin5_uncorr
Entries 0
Mean −0.6353
Std Dev 1.36
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0.014
0.012
0.01
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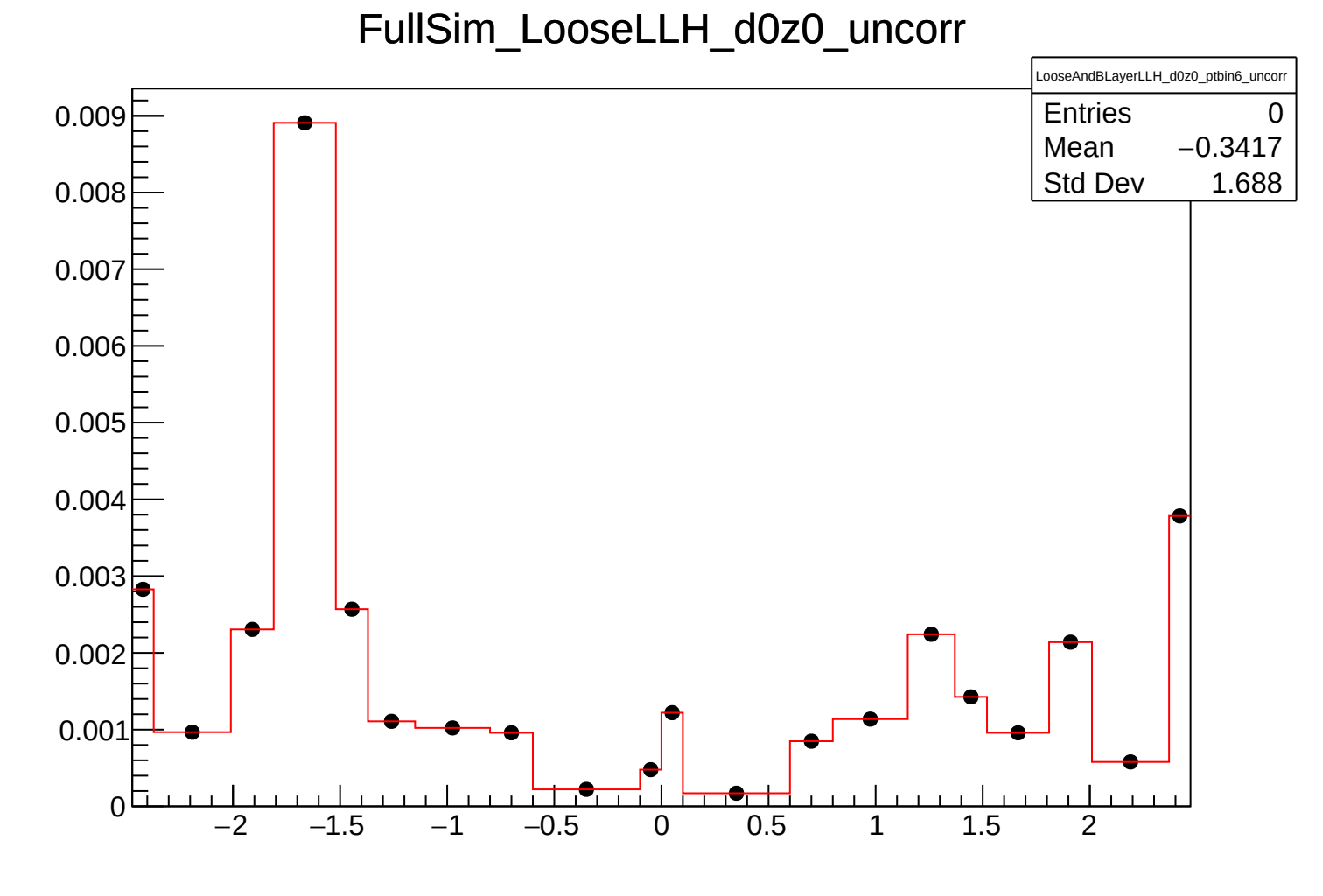
FullSim_LooseLLH_d0z0_uncorr
LooseAndBLayerLLH_d0z0_ptbin6_uncorr
Entries 0
Mean −0.3417
Std Dev 1.688
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0.008
0.007
0.006
0.005
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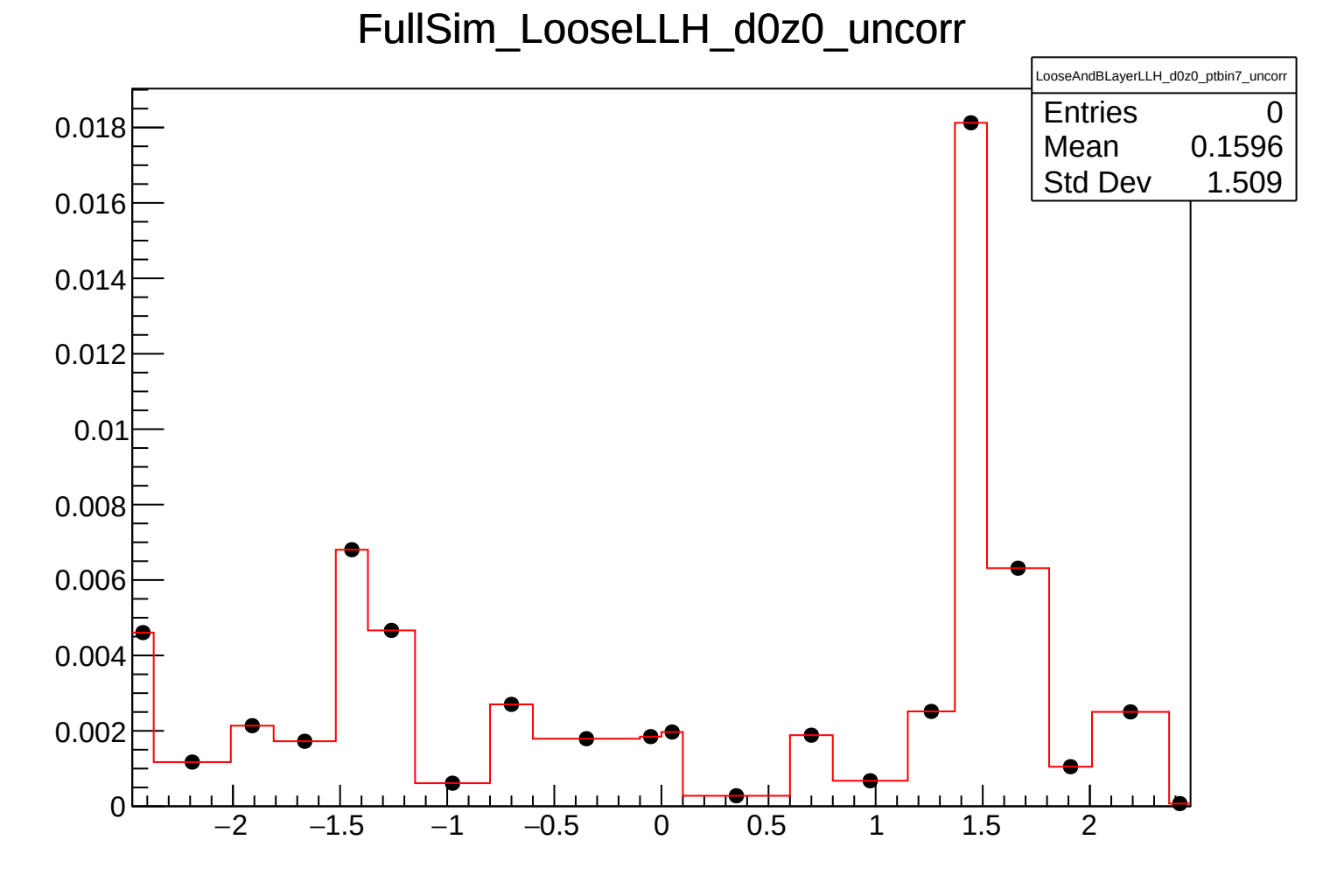
FullSim_LooseLLH_d0z0_uncorr
LooseAndBLayerLLH_d0z0_ptbin7_uncorr
Entries 0
Mean 0.1596
Std Dev 1.509
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0.014
0.012
0.01
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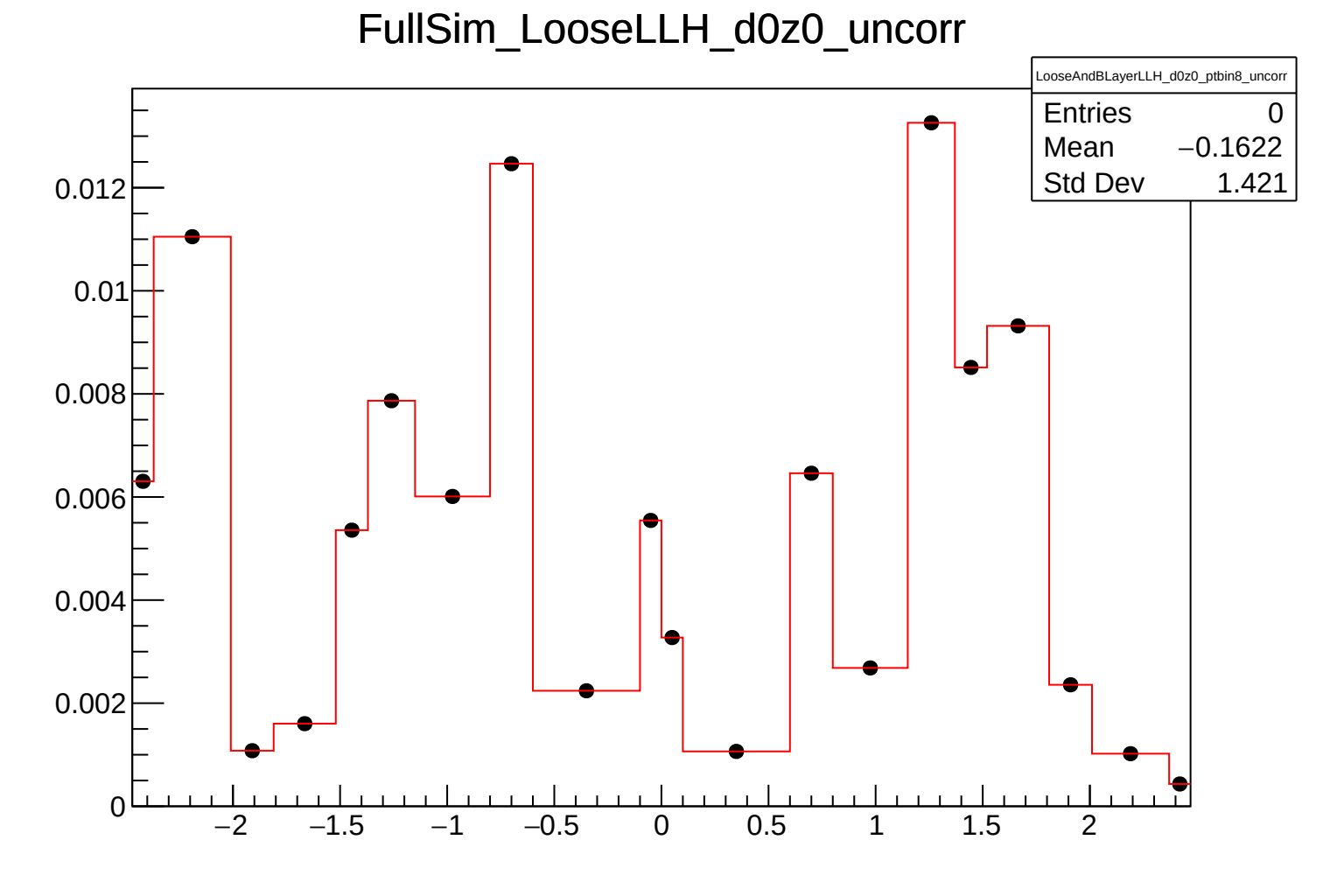
FullSim_LooseLLH_d0z0_uncorr
LooseAndBLayerLLH_d0z0_ptbin8_uncorr
Entries 0
Mean −0.1622
Std Dev 1.421
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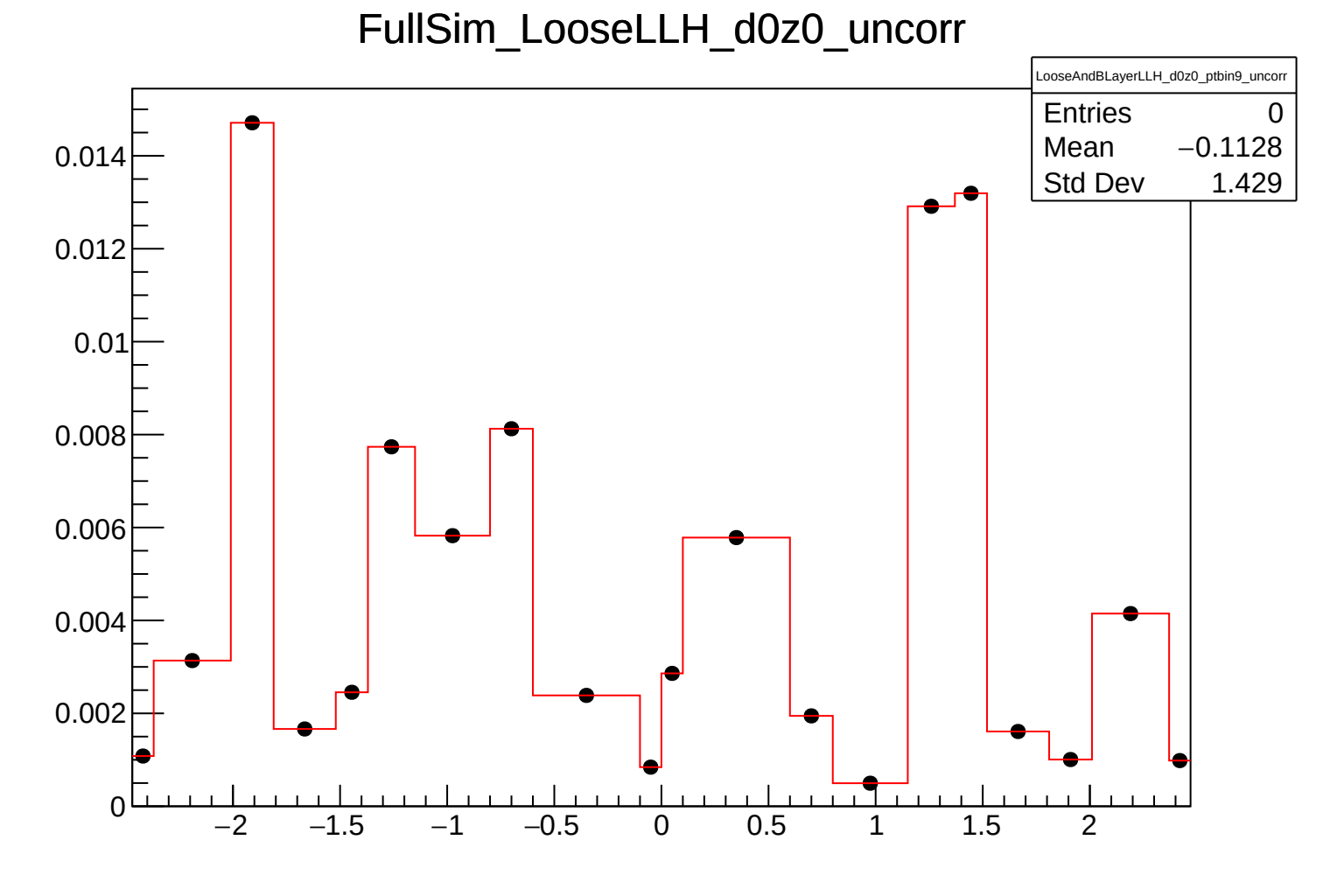
FullSim_LooseLLH_d0z0_uncorr
LooseAndBLayerLLH_d0z0_ptbin9_uncorr
Entries 0
Mean −0.1128
Std Dev 1.429
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0.012
0.01
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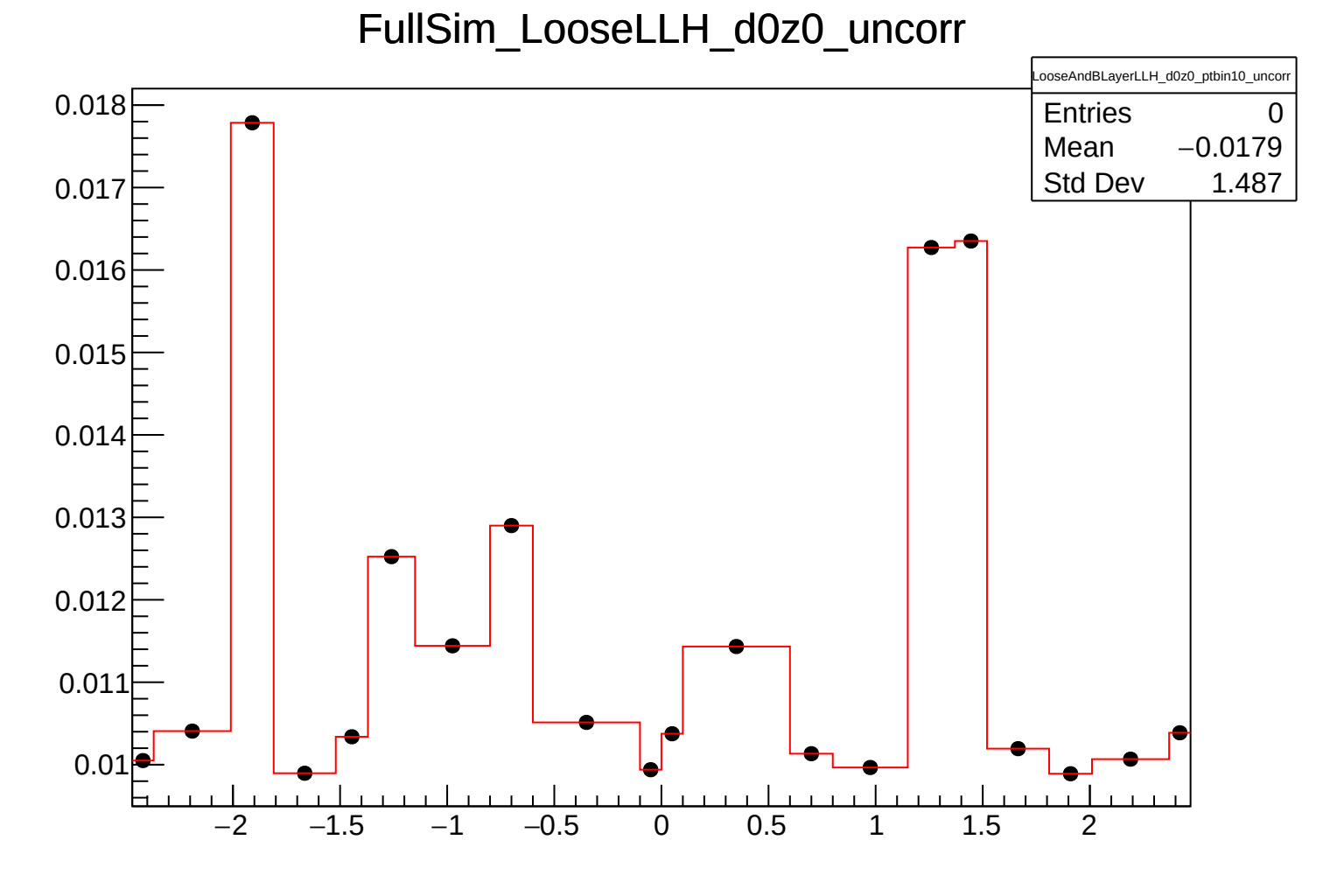
FullSim_LooseLLH_d0z0_uncorr
LooseAndBLayerLLH_d0z0_ptbin10_uncorr
Entries 0
Mean −0.0179
Std Dev 1.487
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0.016
0.015
0.014
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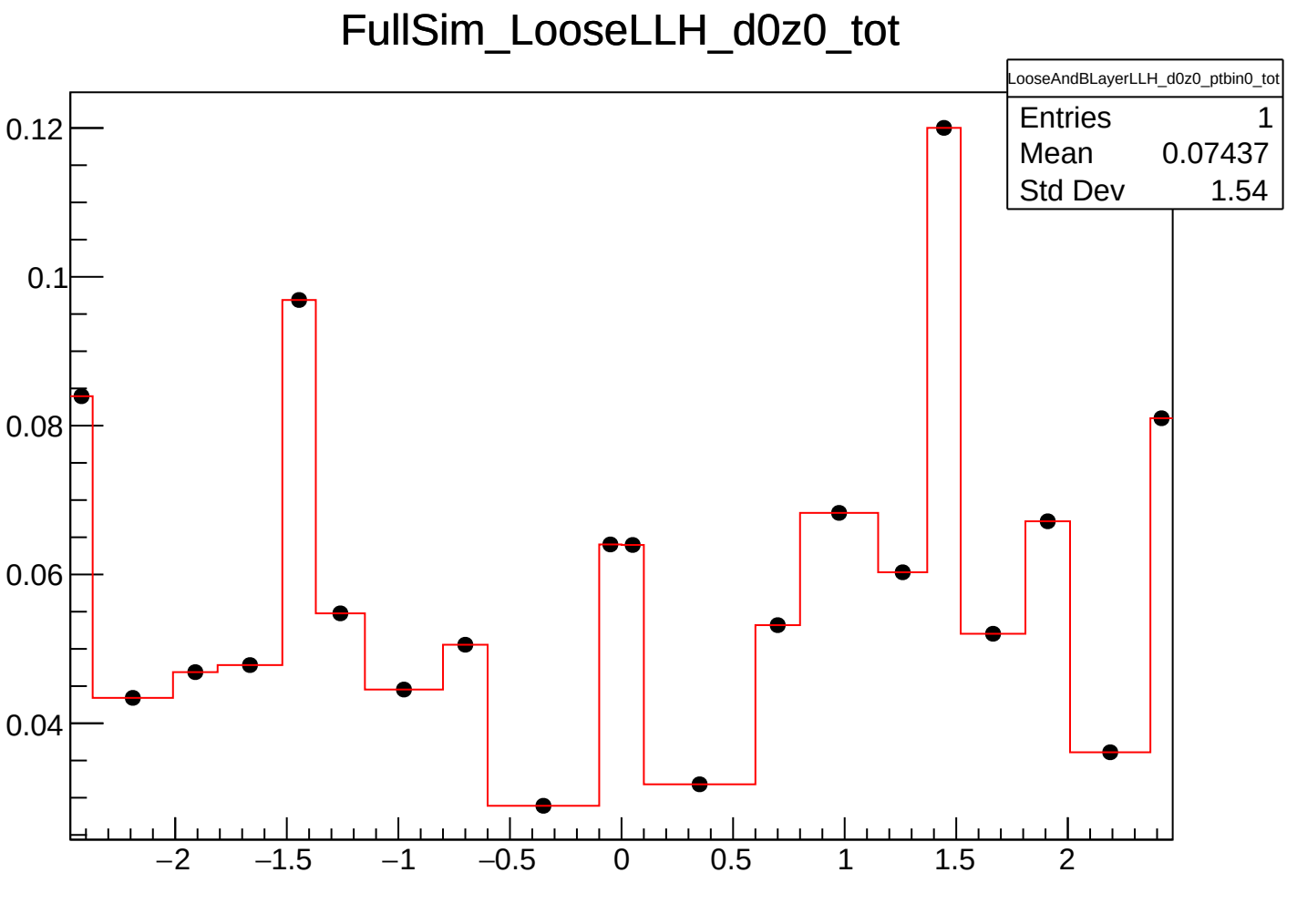
FullSim_LooseLLH_d0z0_tot
LooseAndBLayerLLH_d0z0_ptbin0_tot
Entries 1
Mean 0.07437
Std Dev 1.54
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0.04
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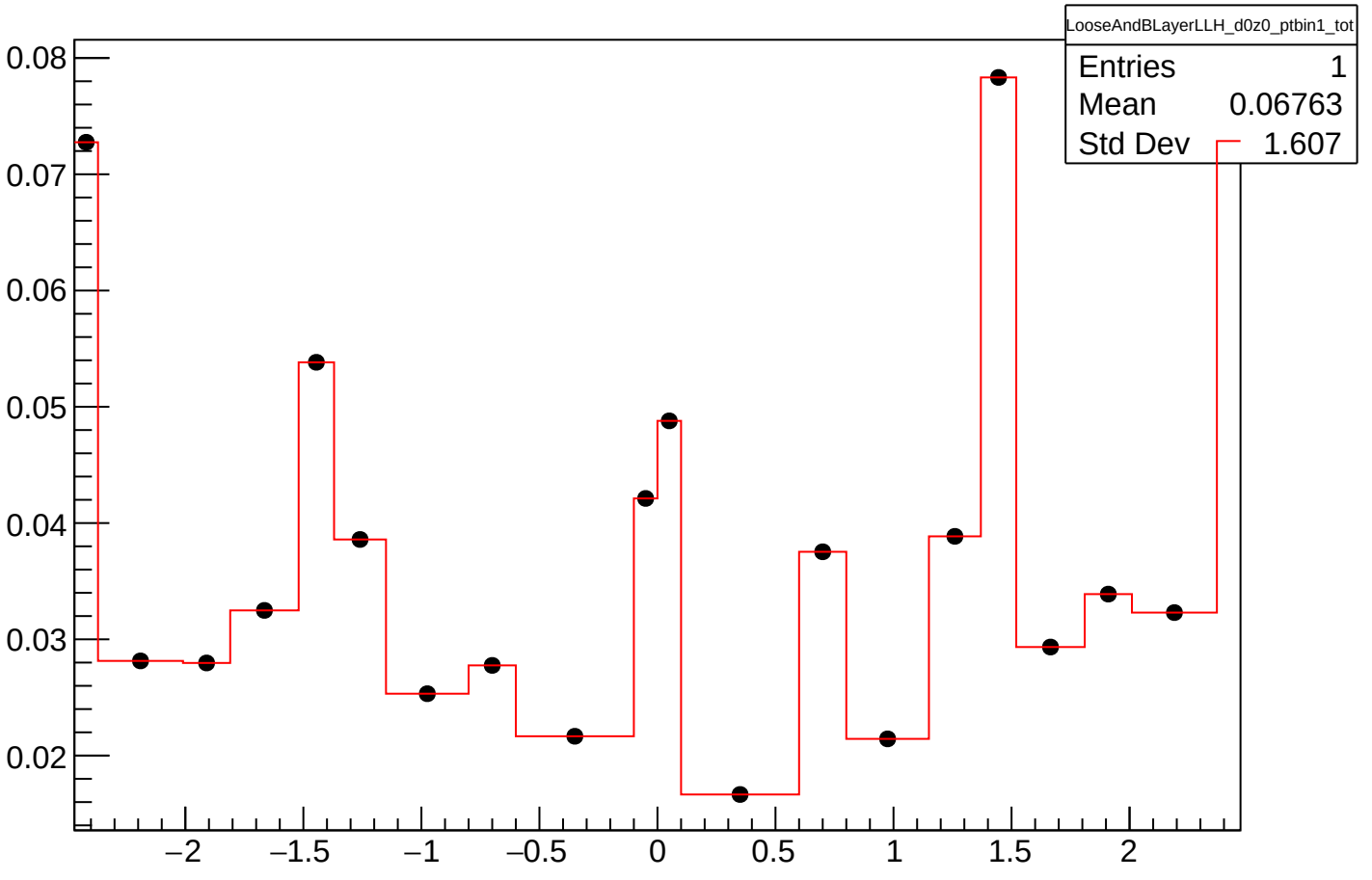
FullSim_LooseLLH_d0z0_tot
LooseAndBLayerLLH_d0z0_ptbin1_tot
Entries 1
Mean 0.06763
Std Dev 1.607
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0.07
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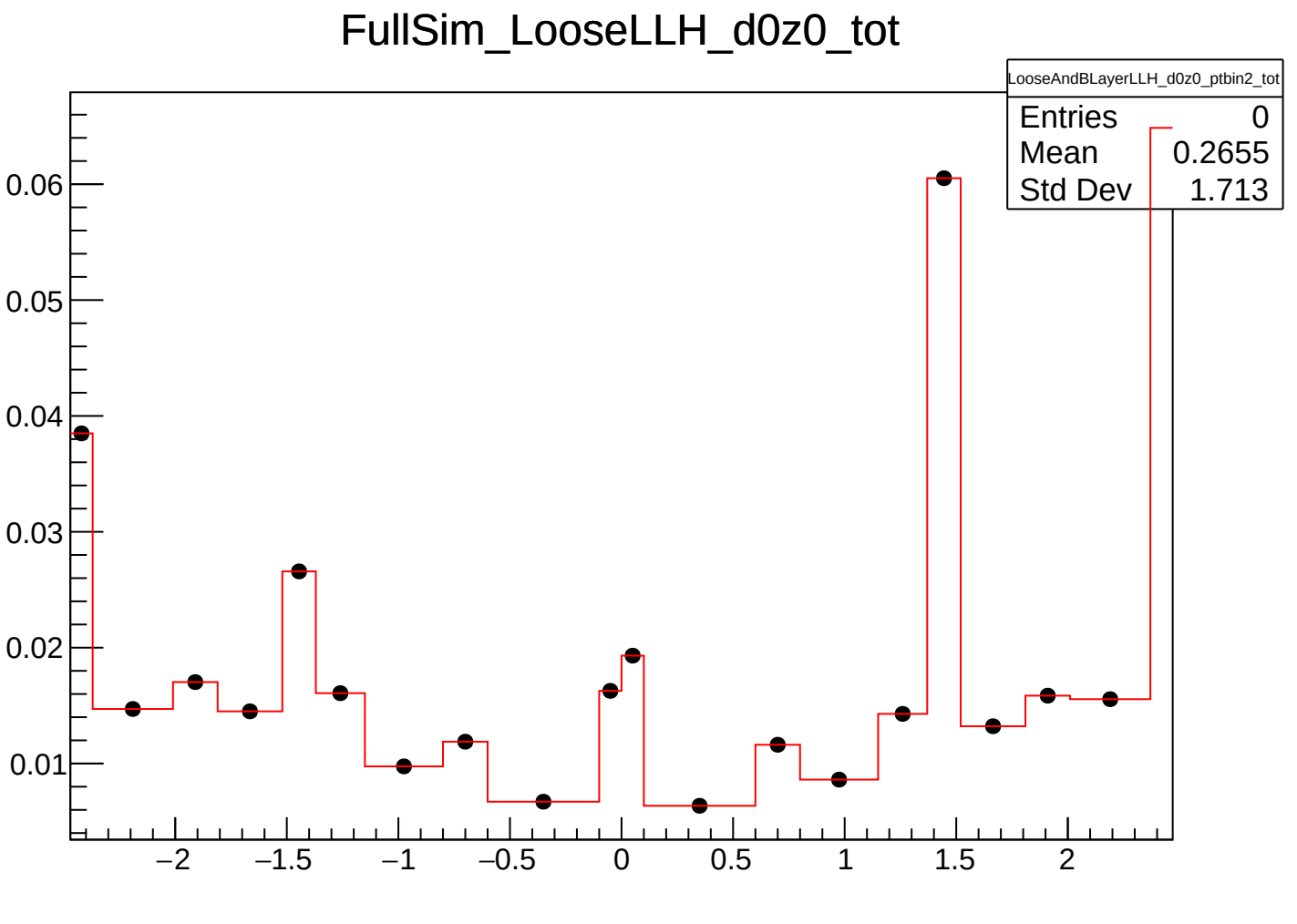
FullSim_LooseLLH_d0z0_tot
LooseAndBLayerLLH_d0z0_ptbin2_tot
Entries 0
Mean 0.2655
Std Dev 1.713
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0.05
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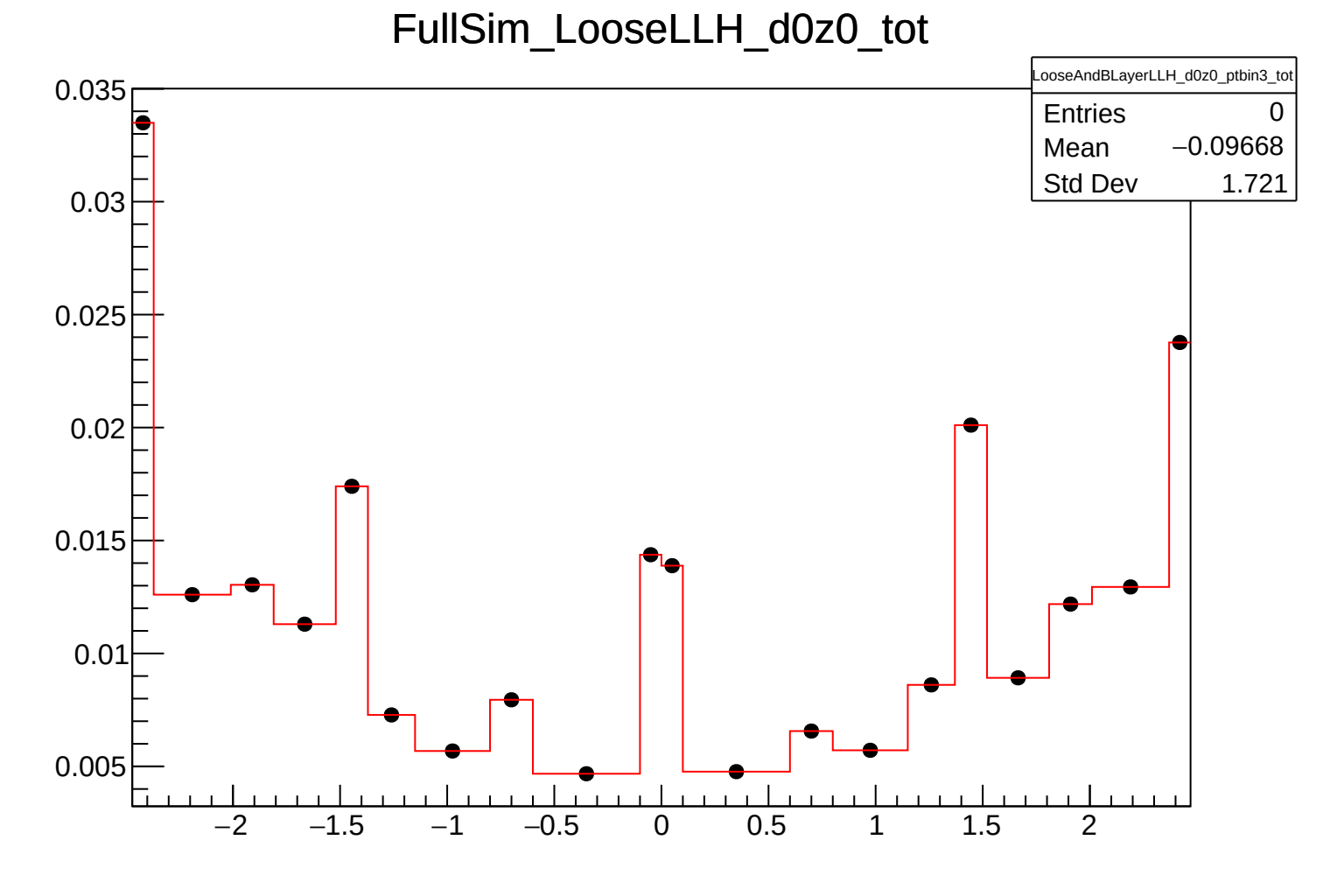
FullSim_LooseLLH_d0z0_tot
LooseAndBLayerLLH_d0z0_ptbin3_tot
Entries 0
Mean −0.09668
Std Dev 1.721
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0.03
0.025
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0.01
0.005
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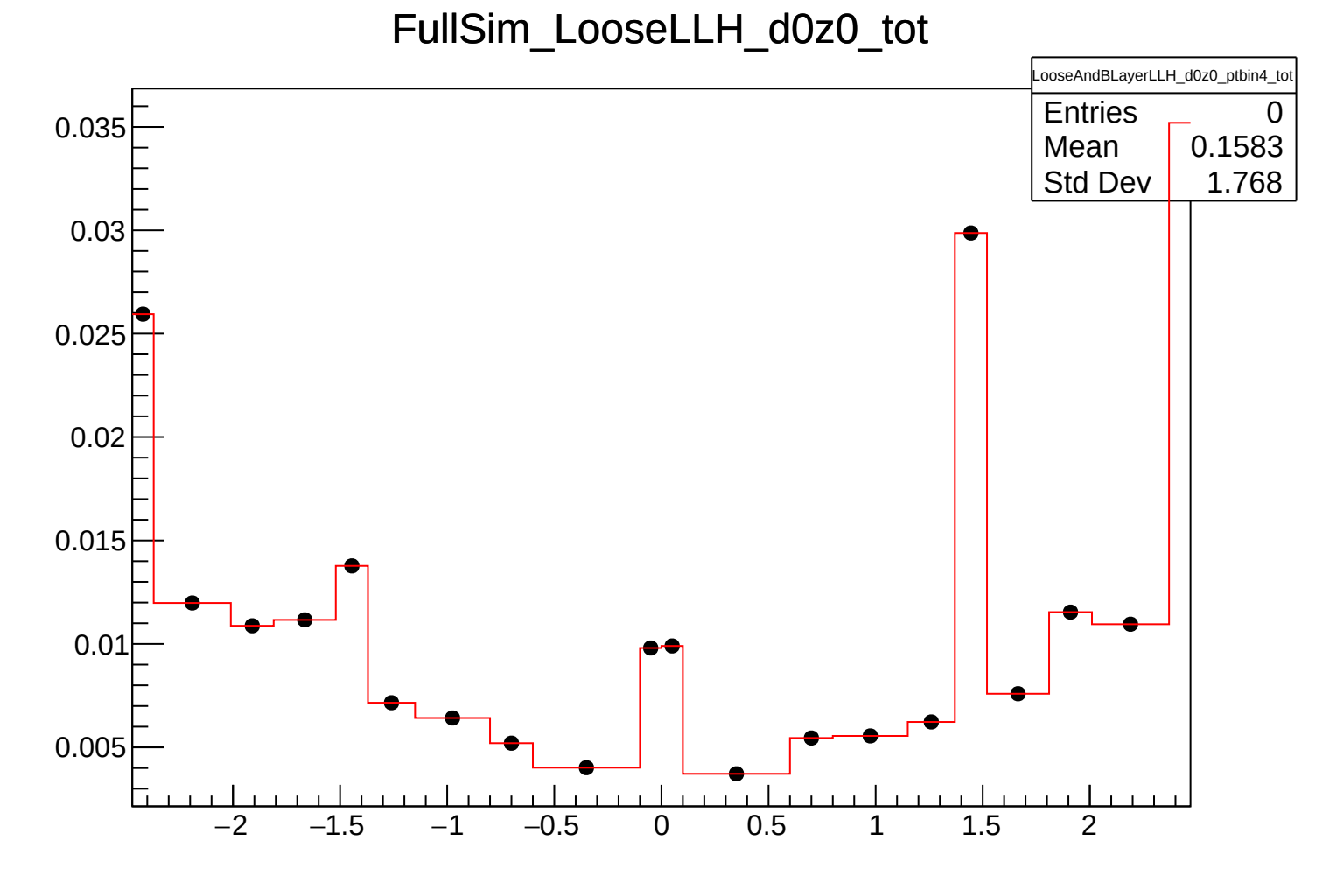
FullSim_LooseLLH_d0z0_tot
LooseAndBLayerLLH_d0z0_ptbin4_tot
Entries 0
Mean 0.1583
Std Dev 1.768
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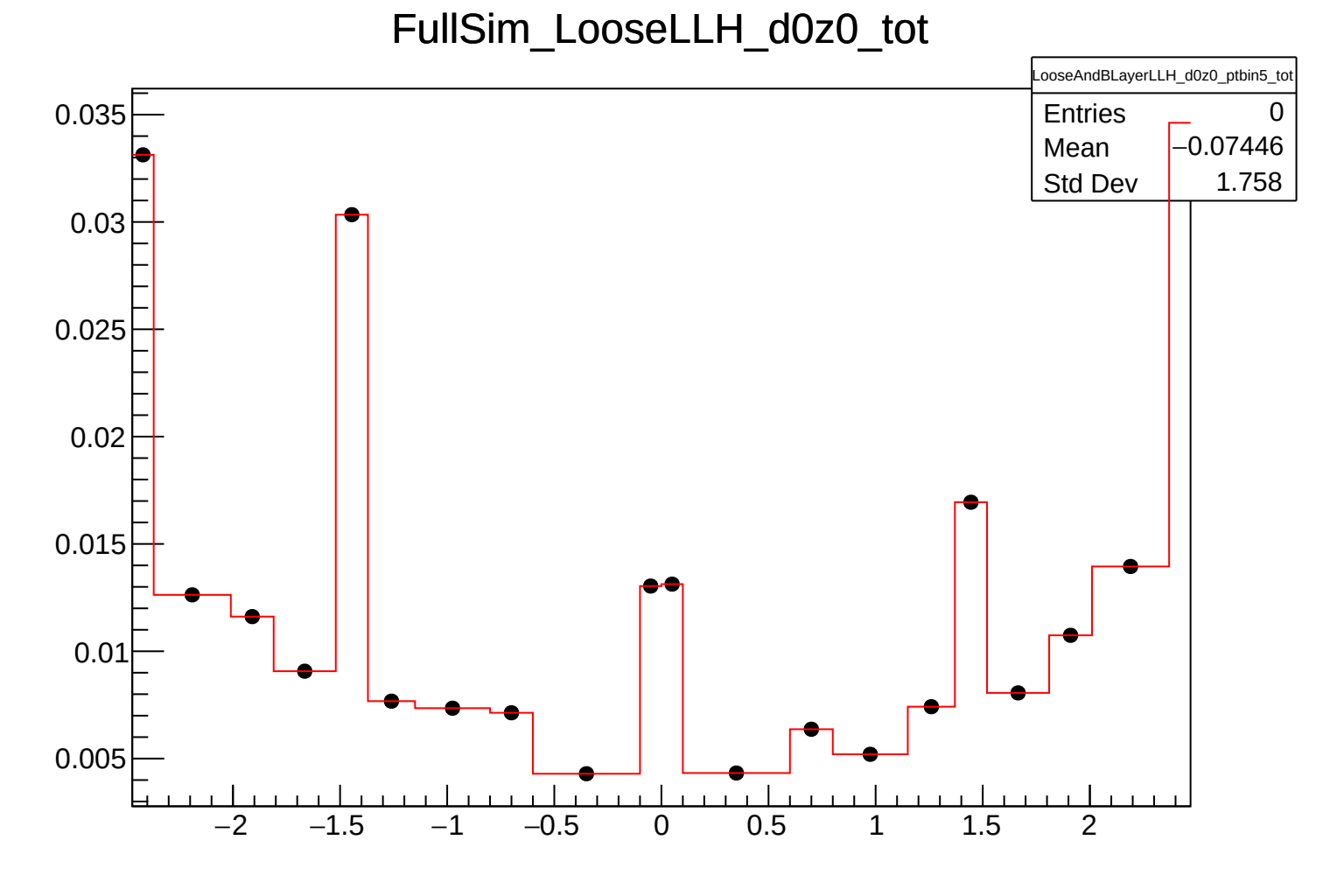
FullSim_LooseLLH_d0z0_tot
LooseAndBLayerLLH_d0z0_ptbin5_tot
Entries 0
Mean −0.07446
Std Dev 1.758
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0.03
0.025
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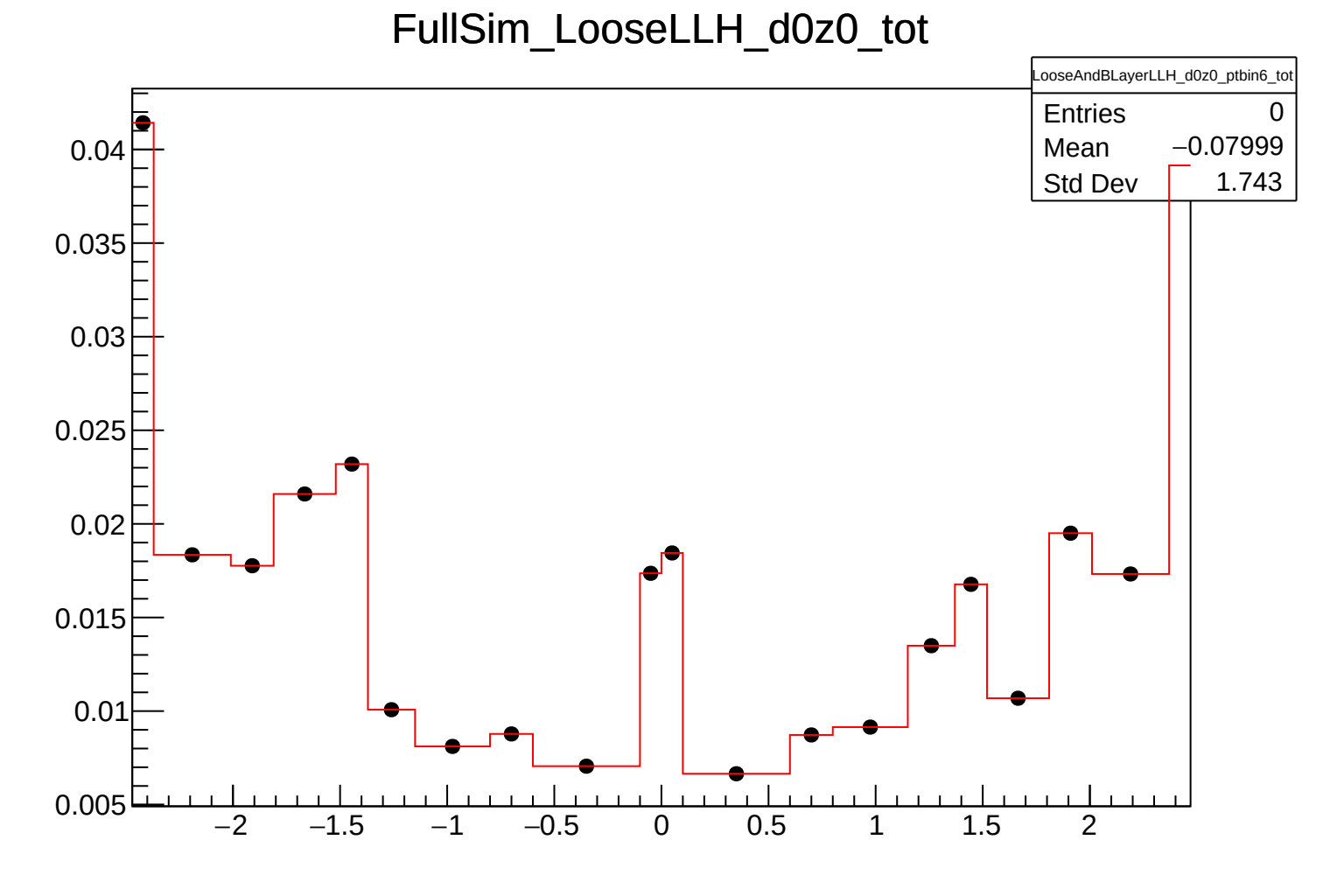
FullSim_LooseLLH_d0z0_tot
LooseAndBLayerLLH_d0z0_ptbin6_tot
Entries 0
Mean −0.07999
Std Dev 1.743
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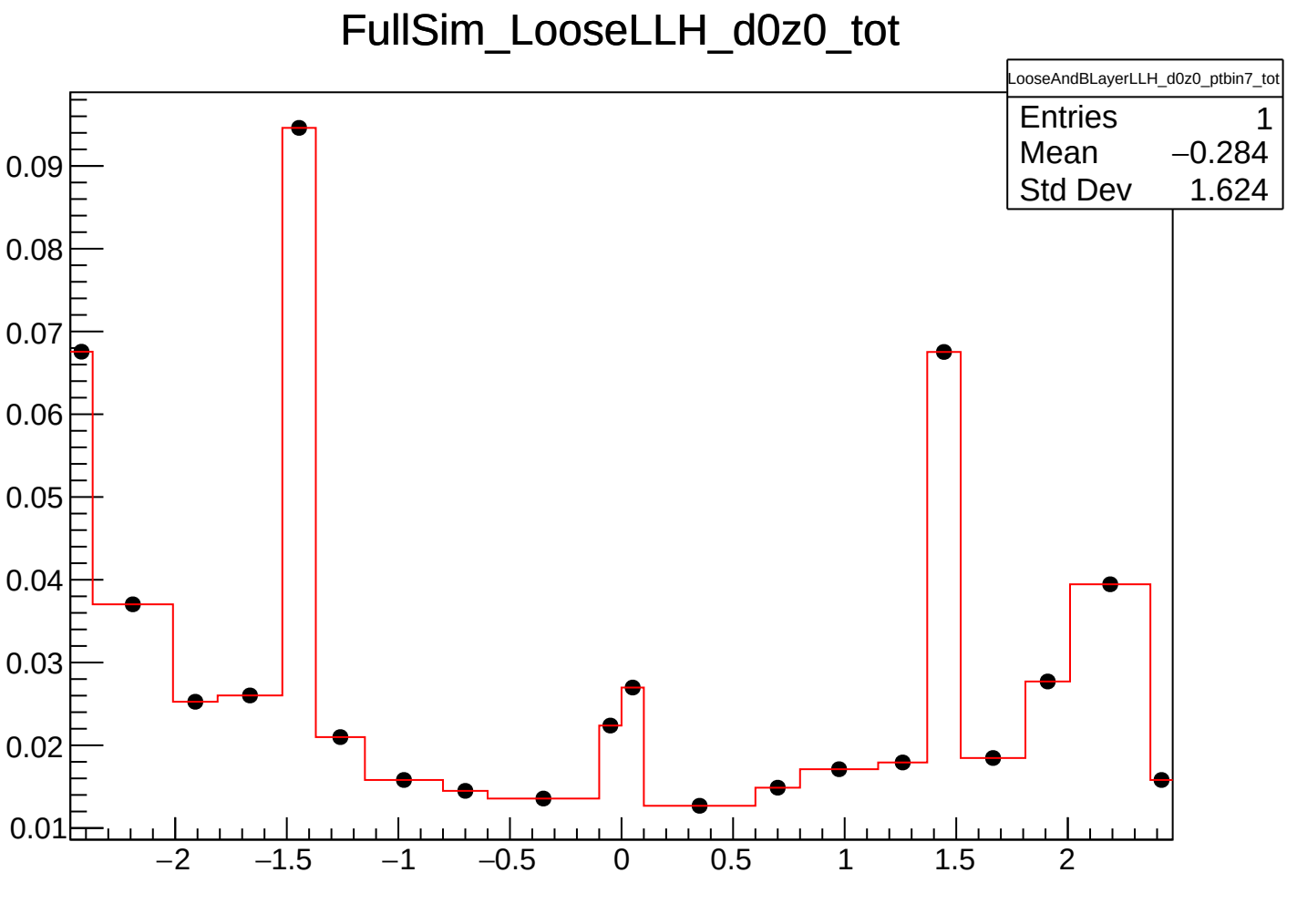
FullSim_LooseLLH_d0z0_tot
LooseAndBLayerLLH_d0z0_ptbin7_tot
Entries 1
Mean −0.284
Std Dev 1.624
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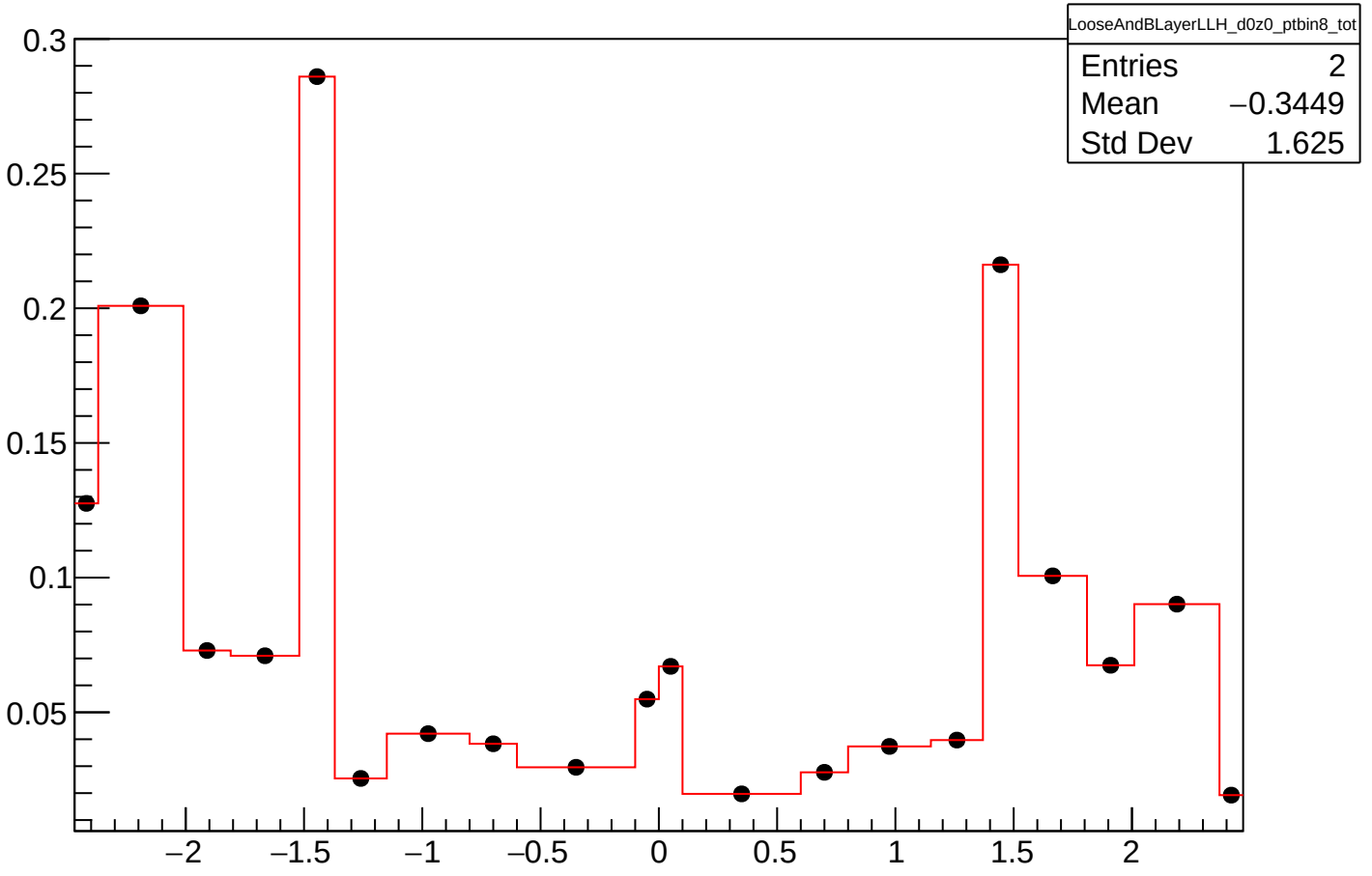
FullSim_LooseLLH_d0z0_tot
LooseAndBLayerLLH_d0z0_ptbin8_tot
Entries 2
Mean −0.3449
Std Dev 1.625
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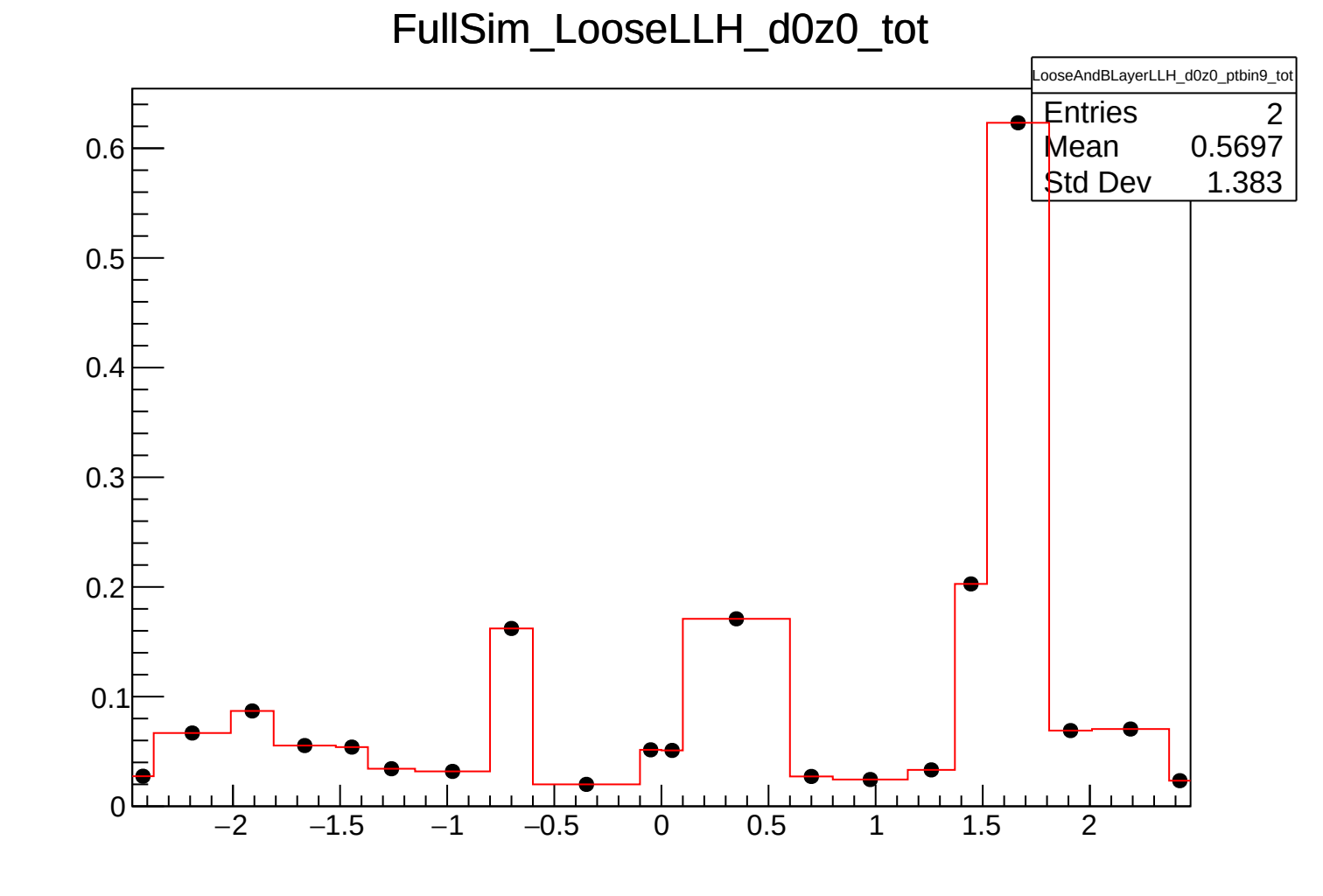
FullSim_LooseLLH_d0z0_tot
LooseAndBLayerLLH_d0z0_ptbin9_tot
Entries 2
Mean 0.5697
Std Dev 1.383
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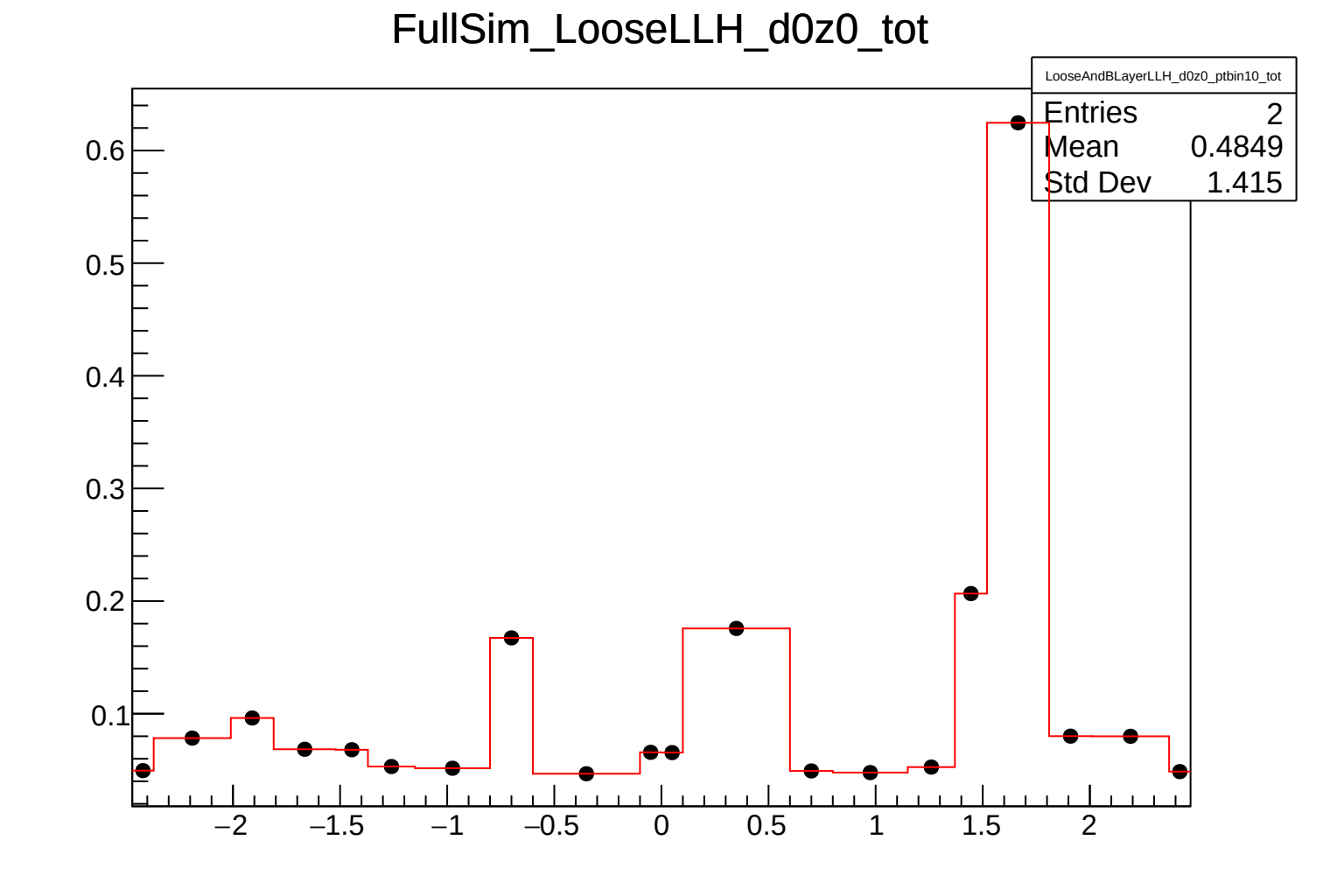
FullSim_LooseLLH_d0z0_tot
LooseAndBLayerLLH_d0z0_ptbin10_tot
Entries 2
Mean 0.4849
Std Dev 1.415
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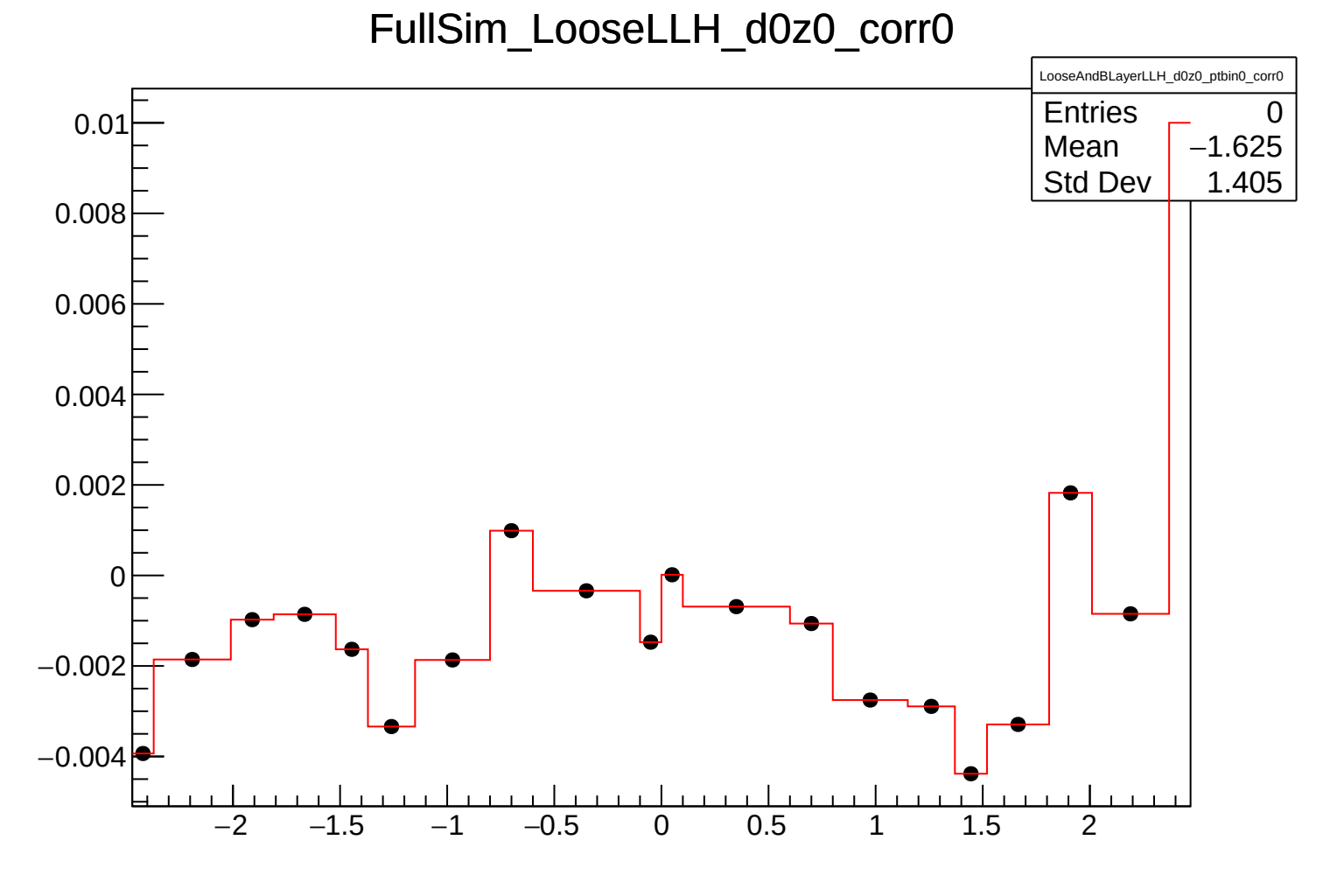
FullSim_LooseLLH_d0z0_corr0
LooseAndBLayerLLH_d0z0_ptbin0_corr0
Entries 0
Mean −1.625
Std Dev 1.405
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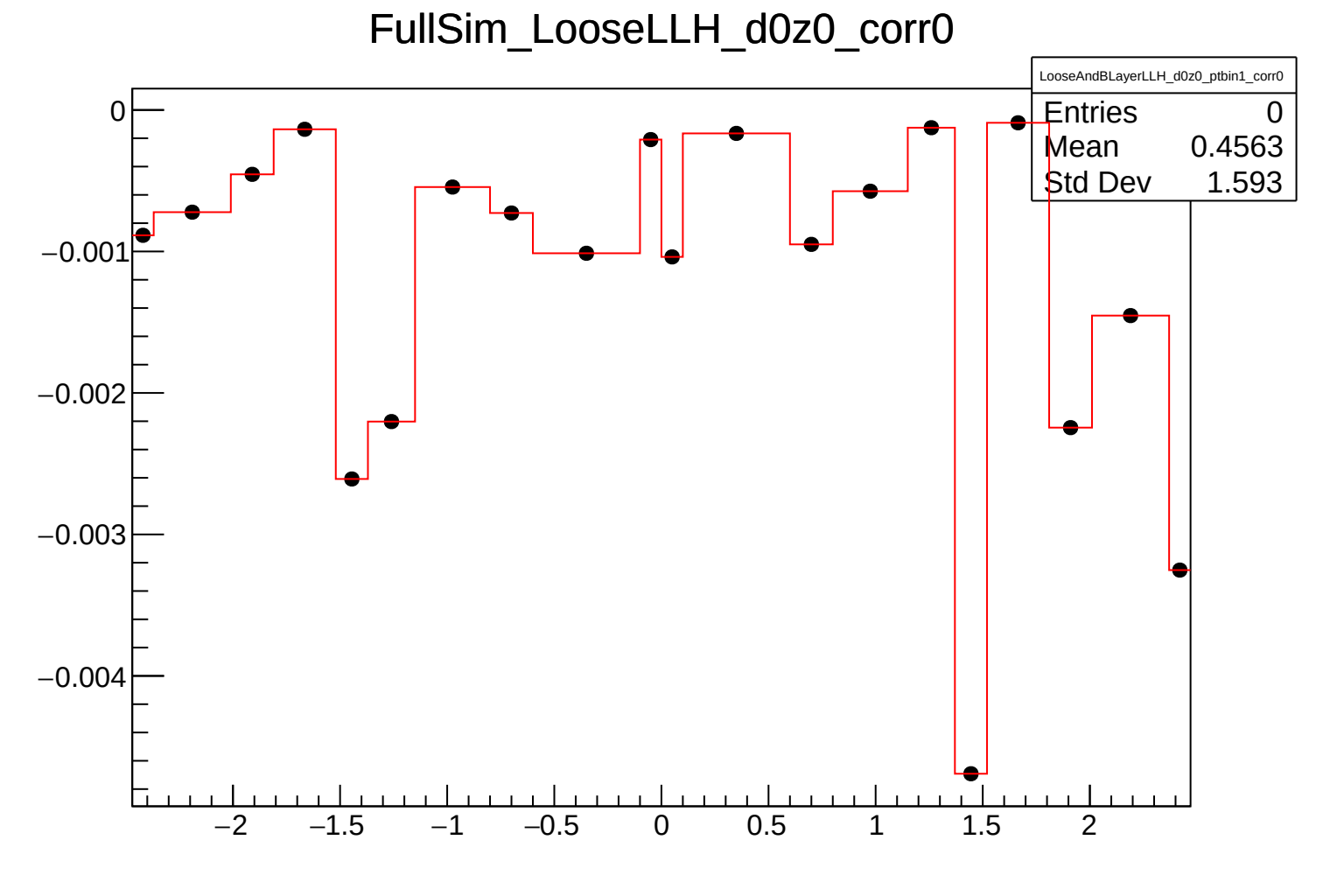
FullSim_LooseLLH_d0z0_corr0
LooseAndBLayerLLH_d0z0_ptbin1_corr0
Entries 0
Mean 0.4563
Std Dev 1.593
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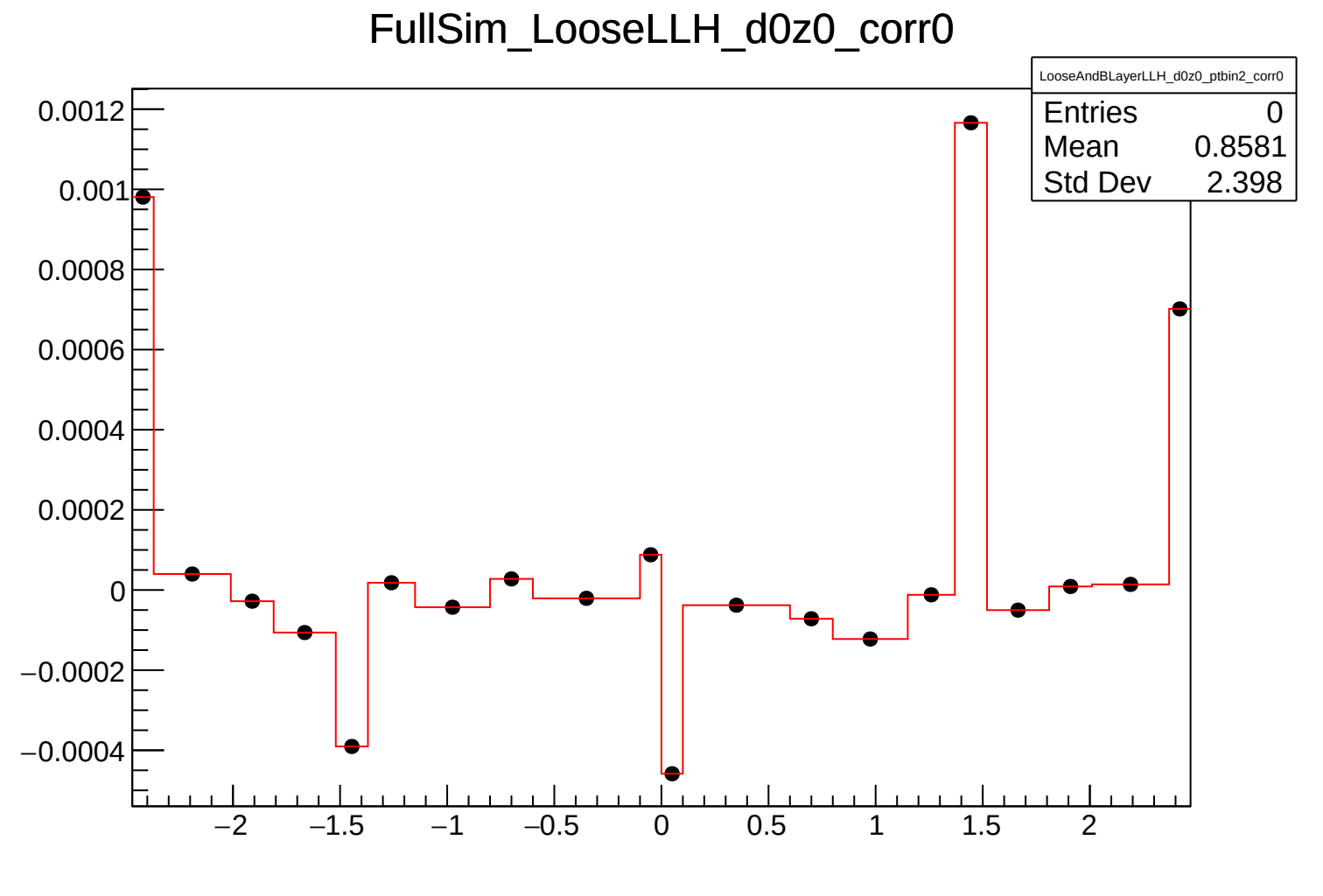
FullSim_LooseLLH_d0z0_corr0
LooseAndBLayerLLH_d0z0_ptbin2_corr0
Entries 0
Mean 0.8581
Std Dev 2.398
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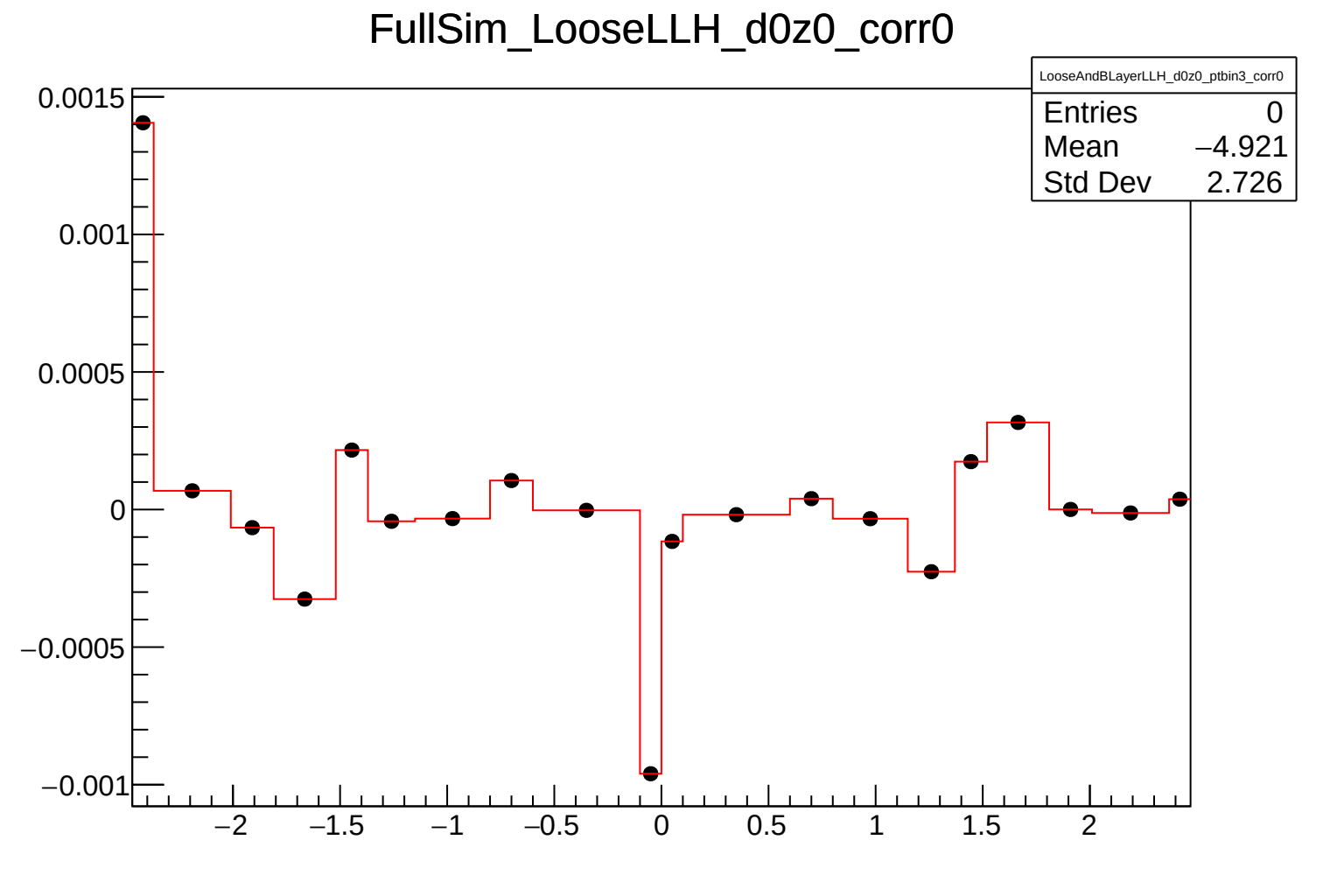
FullSim_LooseLLH_d0z0_corr0
LooseAndBLayerLLH_d0z0_ptbin3_corr0
Entries 0
Mean −4.921
Std Dev 2.726
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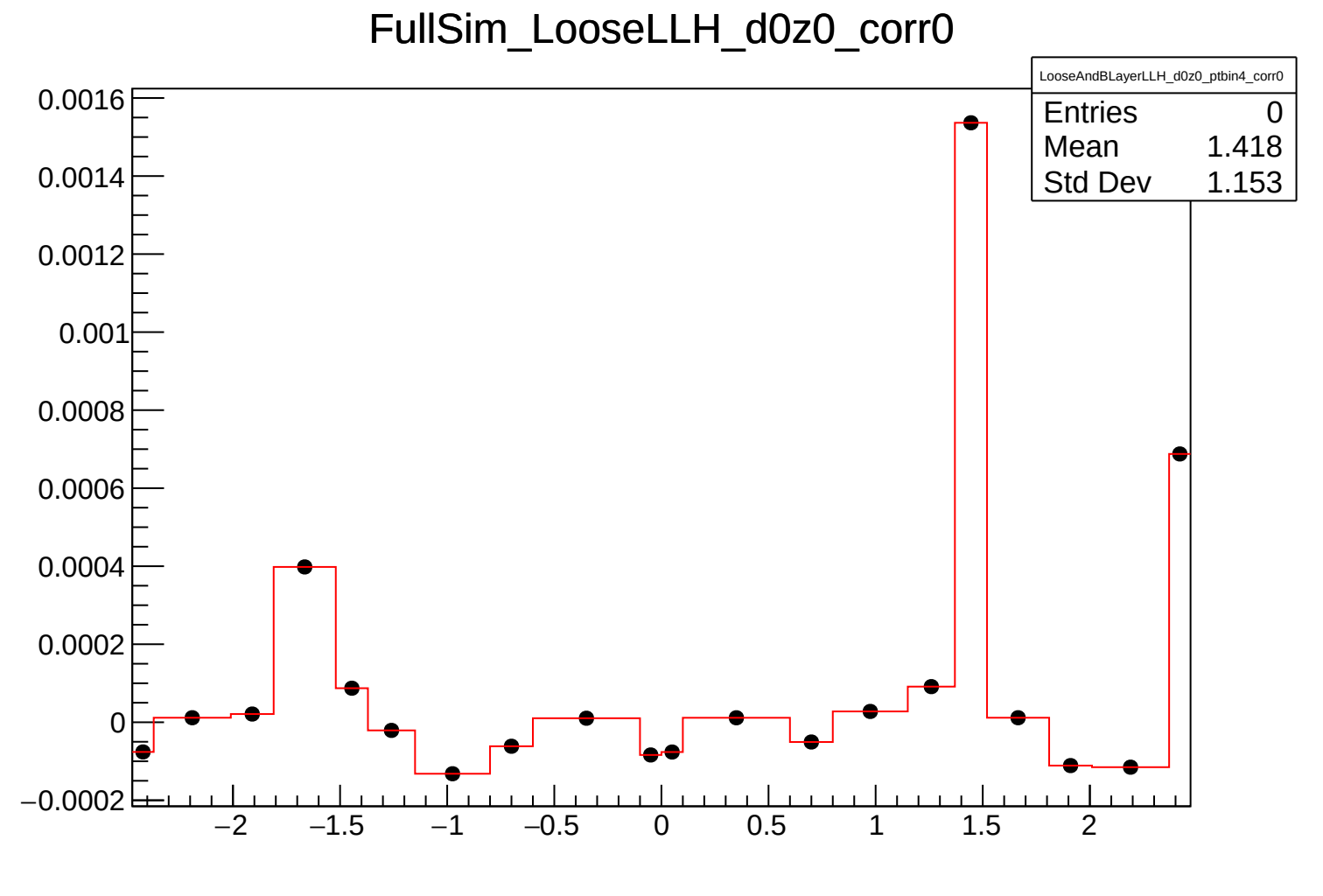
FullSim_LooseLLH_d0z0_corr0
LooseAndBLayerLLH_d0z0_ptbin4_corr0
Entries 0
Mean 1.418
Std Dev 1.153
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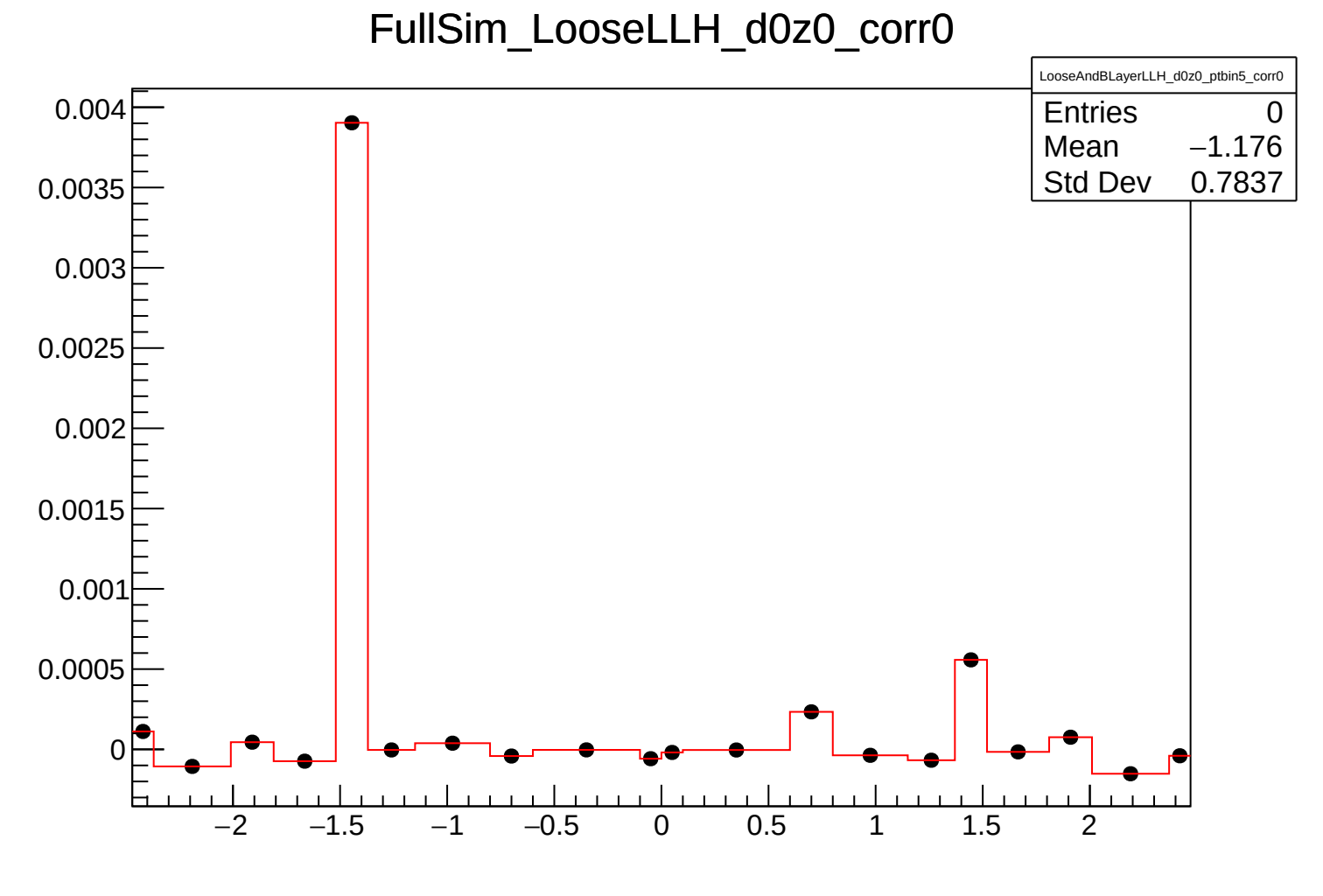
FullSim_LooseLLH_d0z0_corr0
LooseAndBLayerLLH_d0z0_ptbin5_corr0
Entries 0
Mean −1.176
Std Dev 0.7837
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0.0035
0.003
0.0025
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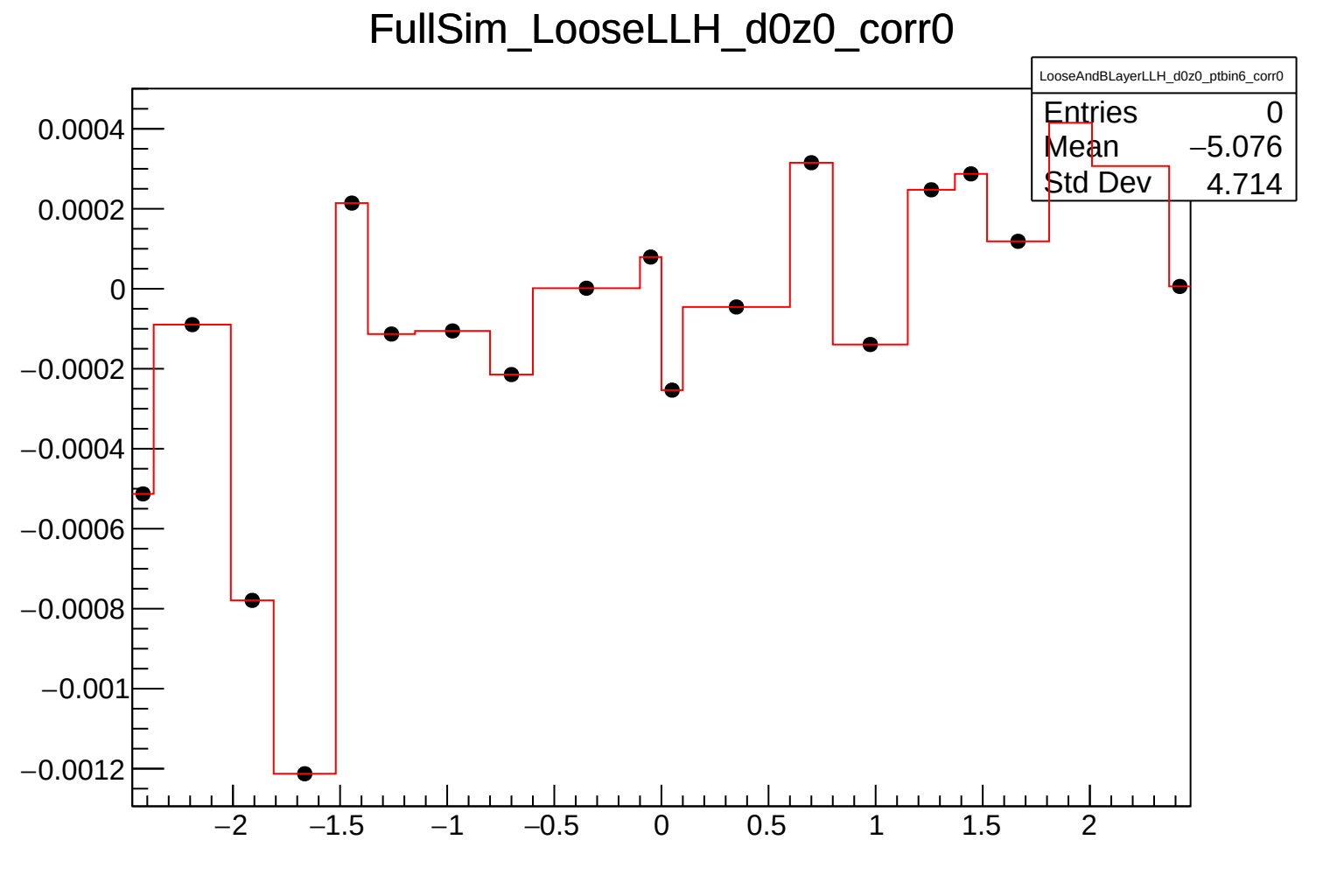
FullSim_LooseLLH_d0z0_corr0
LooseAndBLayerLLH_d0z0_ptbin6_corr0
Entries 0
Mean −5.076
Std Dev 4.714
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0.0002
0
−0.0002
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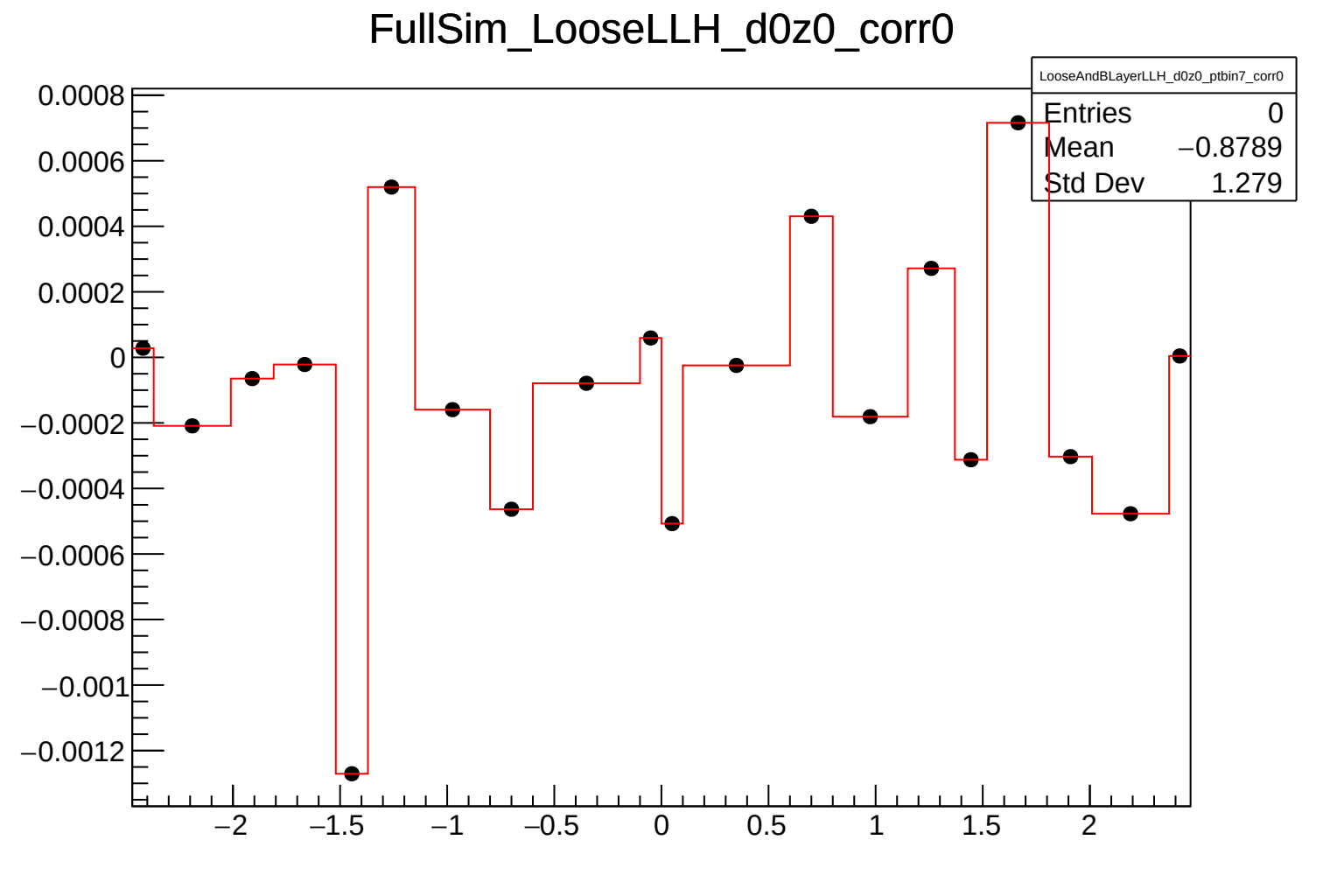
FullSim_LooseLLH_d0z0_corr0
LooseAndBLayerLLH_d0z0_ptbin7_corr0
Entries 0
Mean −0.8789
Std Dev 1.279
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0.0006
0.0004
0.0002
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−0.0002
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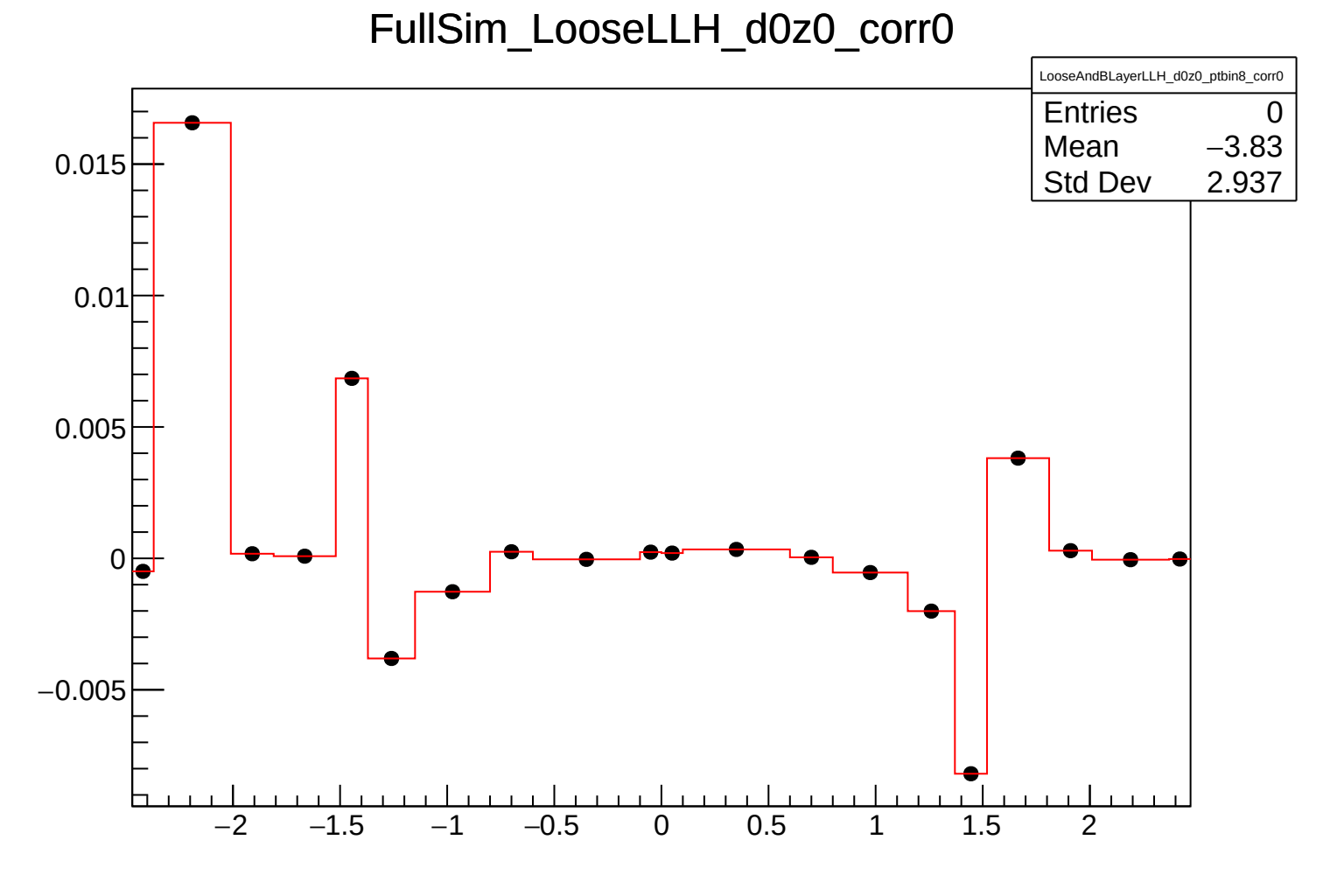
FullSim_LooseLLH_d0z0_corr0
LooseAndBLayerLLH_d0z0_ptbin8_corr0
Entries 0
Mean −3.83
Std Dev 2.937
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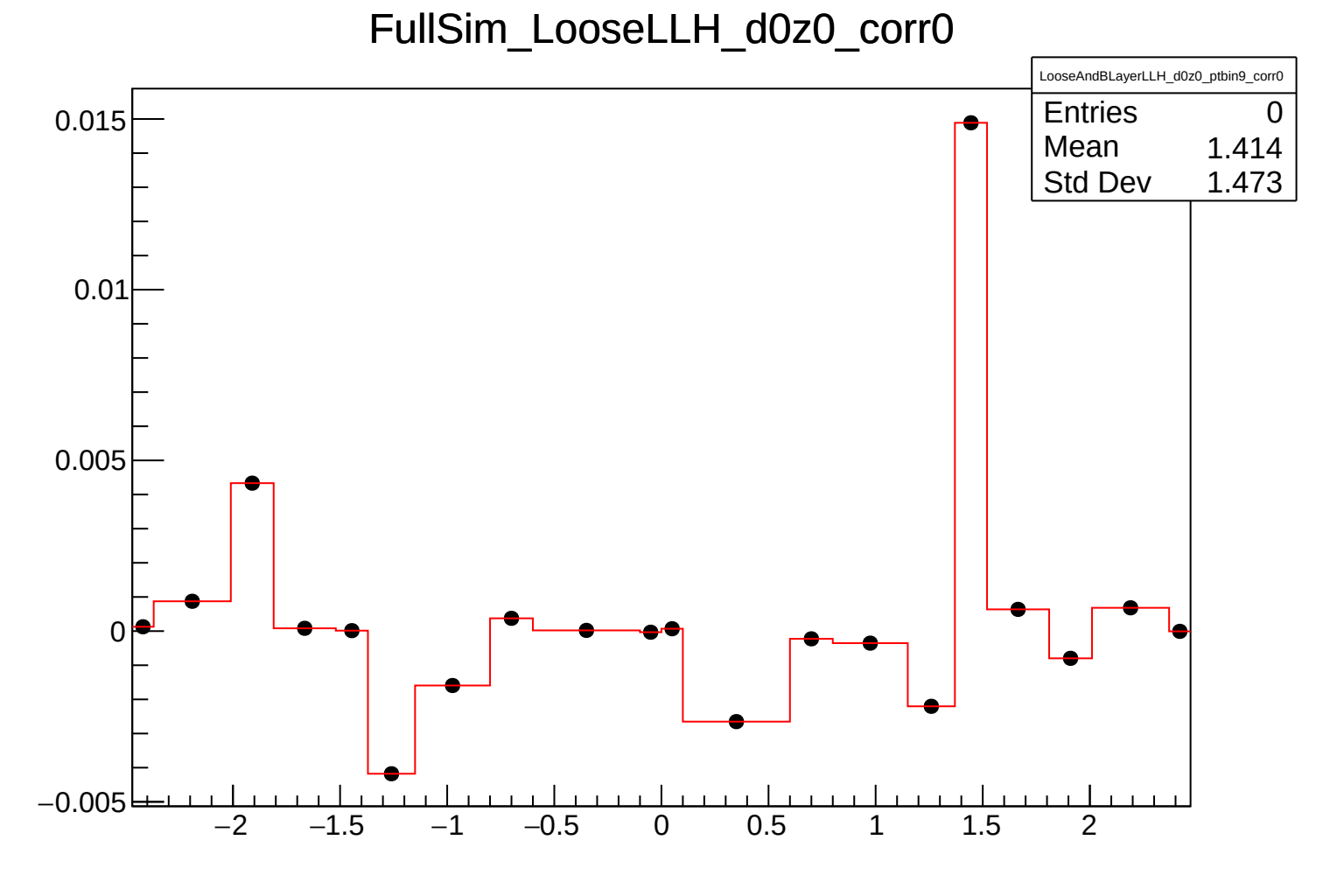
FullSim_LooseLLH_d0z0_corr0
LooseAndBLayerLLH_d0z0_ptbin9_corr0
Entries 0
Mean 1.414
Std Dev 1.473
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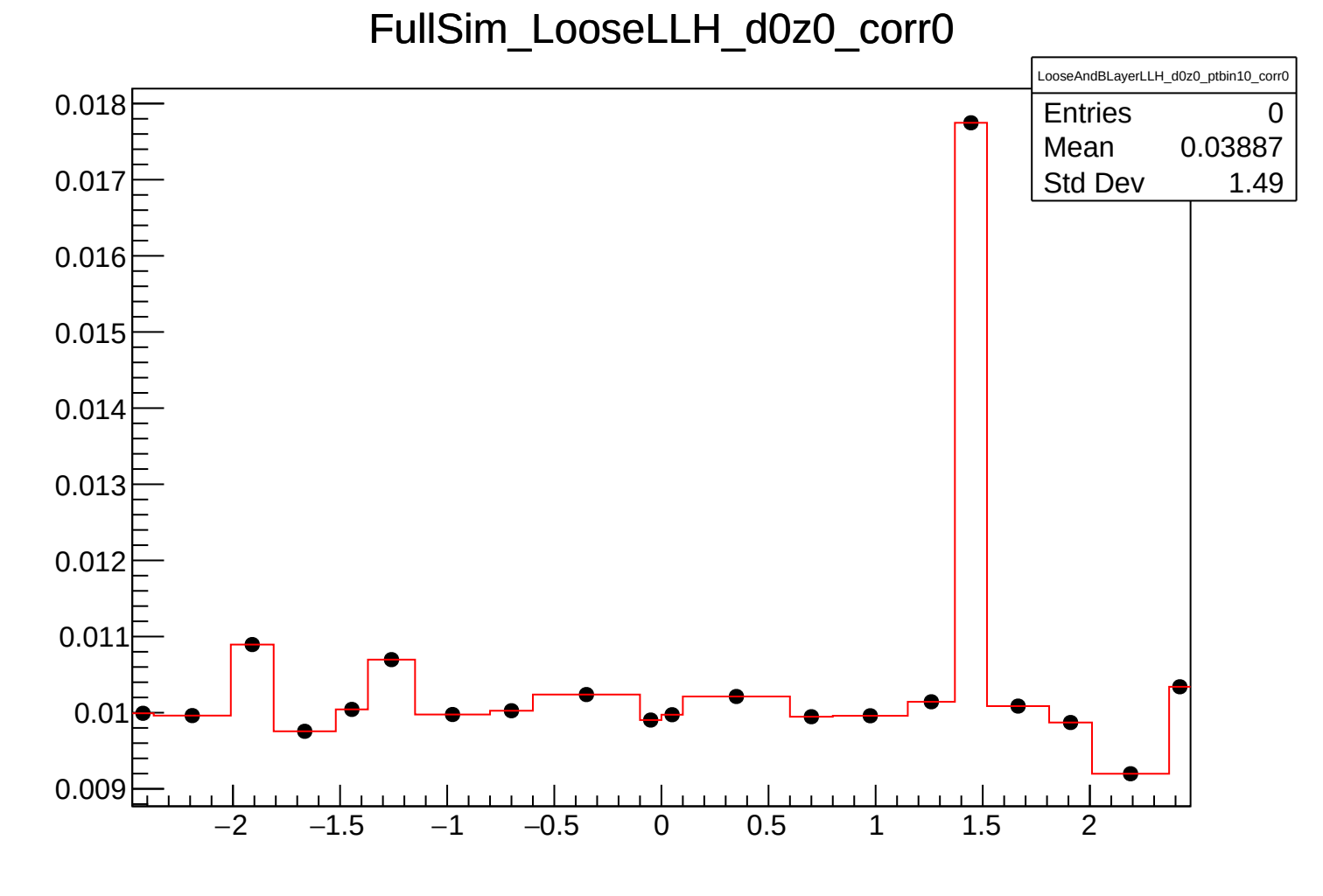
FullSim_LooseLLH_d0z0_corr0
LooseAndBLayerLLH_d0z0_ptbin10_corr0
Entries 0
Mean 0.03887
Std Dev 1.49
0.018
0.017
0.016
0.015
0.014
0.013
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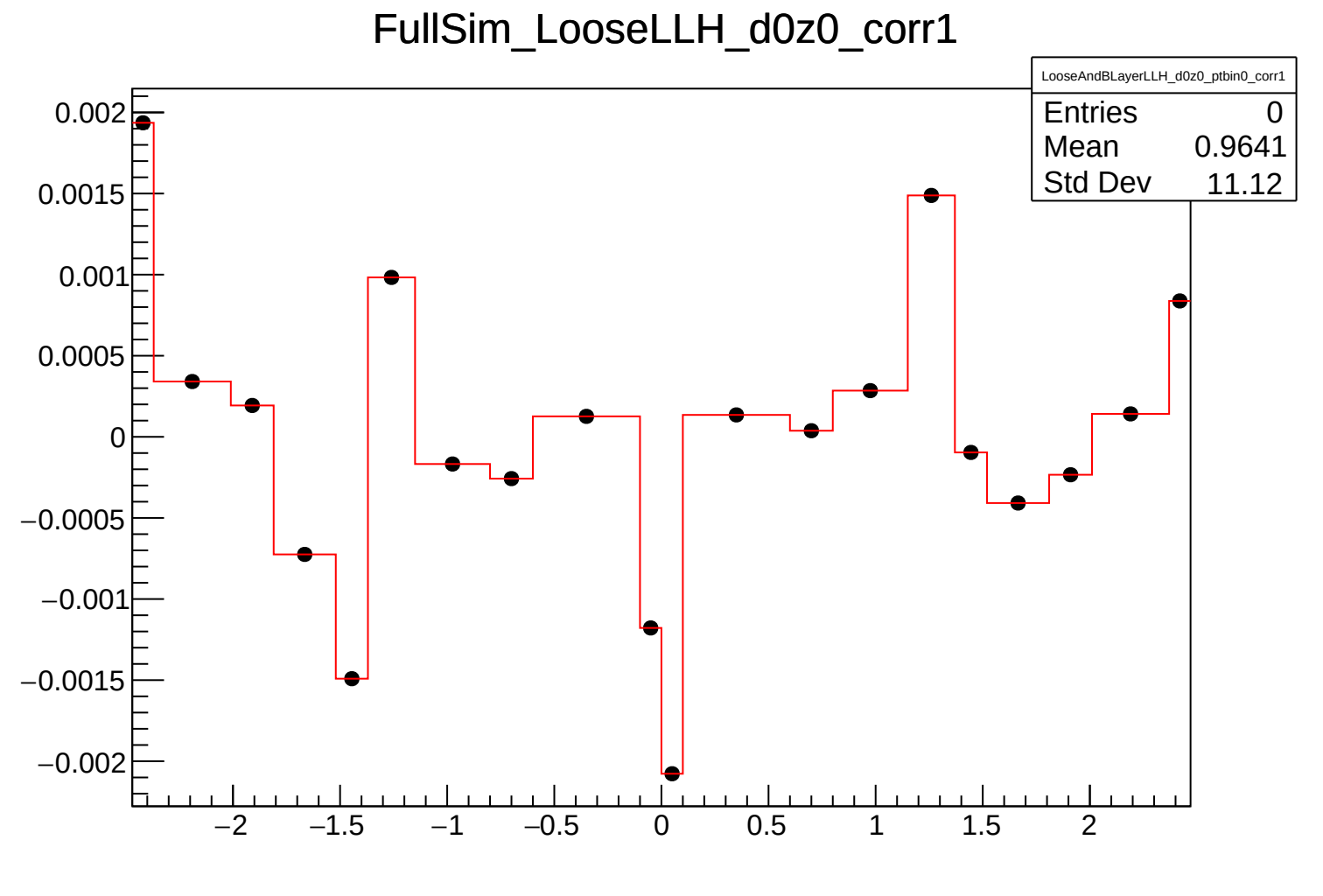
FullSim_LooseLLH_d0z0_corr1
LooseAndBLayerLLH_d0z0_ptbin0_corr1
Entries 0
Mean 0.9641
Std Dev 11.12
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0.0015
0.001
0.0005
0
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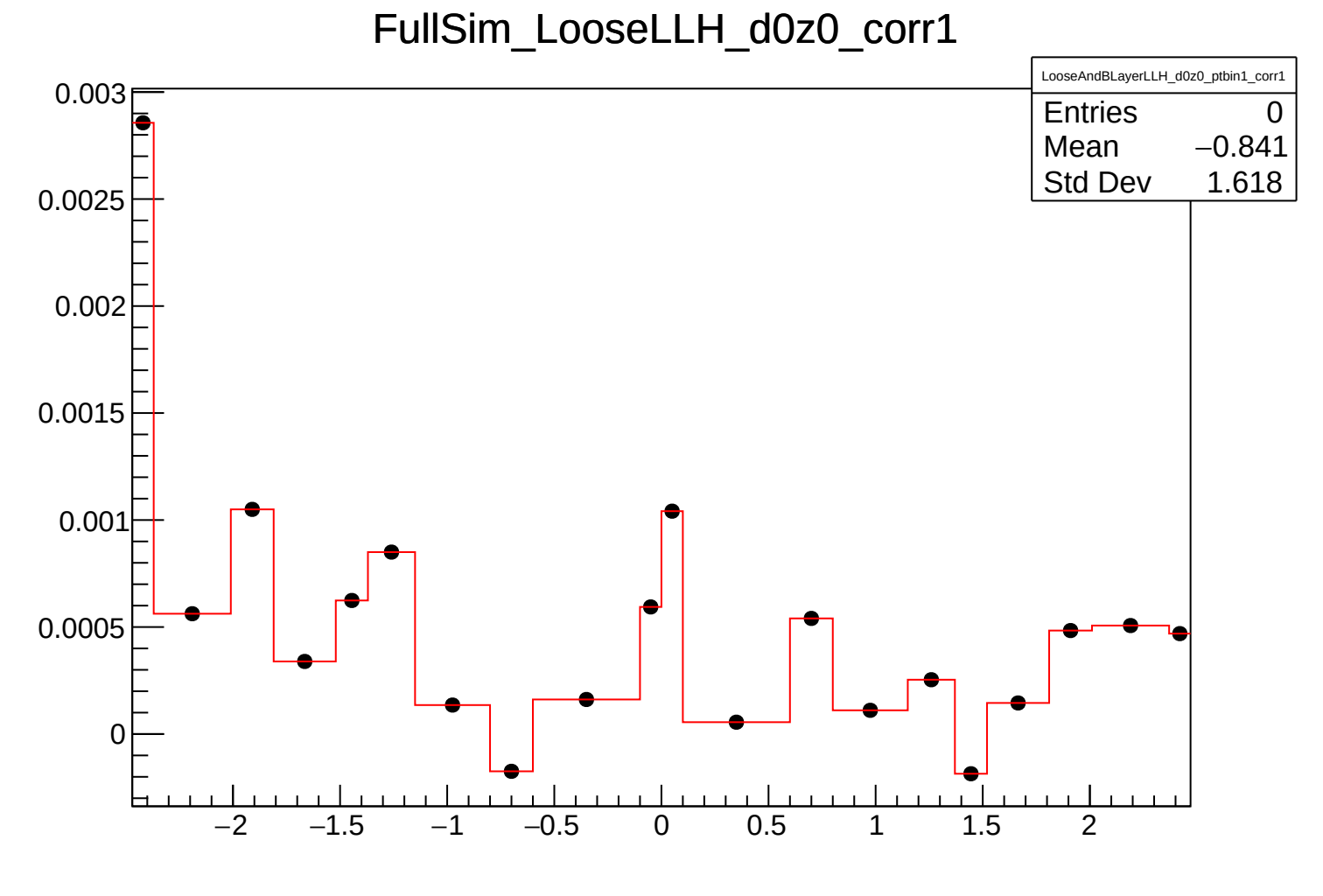
FullSim_LooseLLH_d0z0_corr1
LooseAndBLayerLLH_d0z0_ptbin1_corr1
Entries 0
Mean −0.841
Std Dev 1.618
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0.0025
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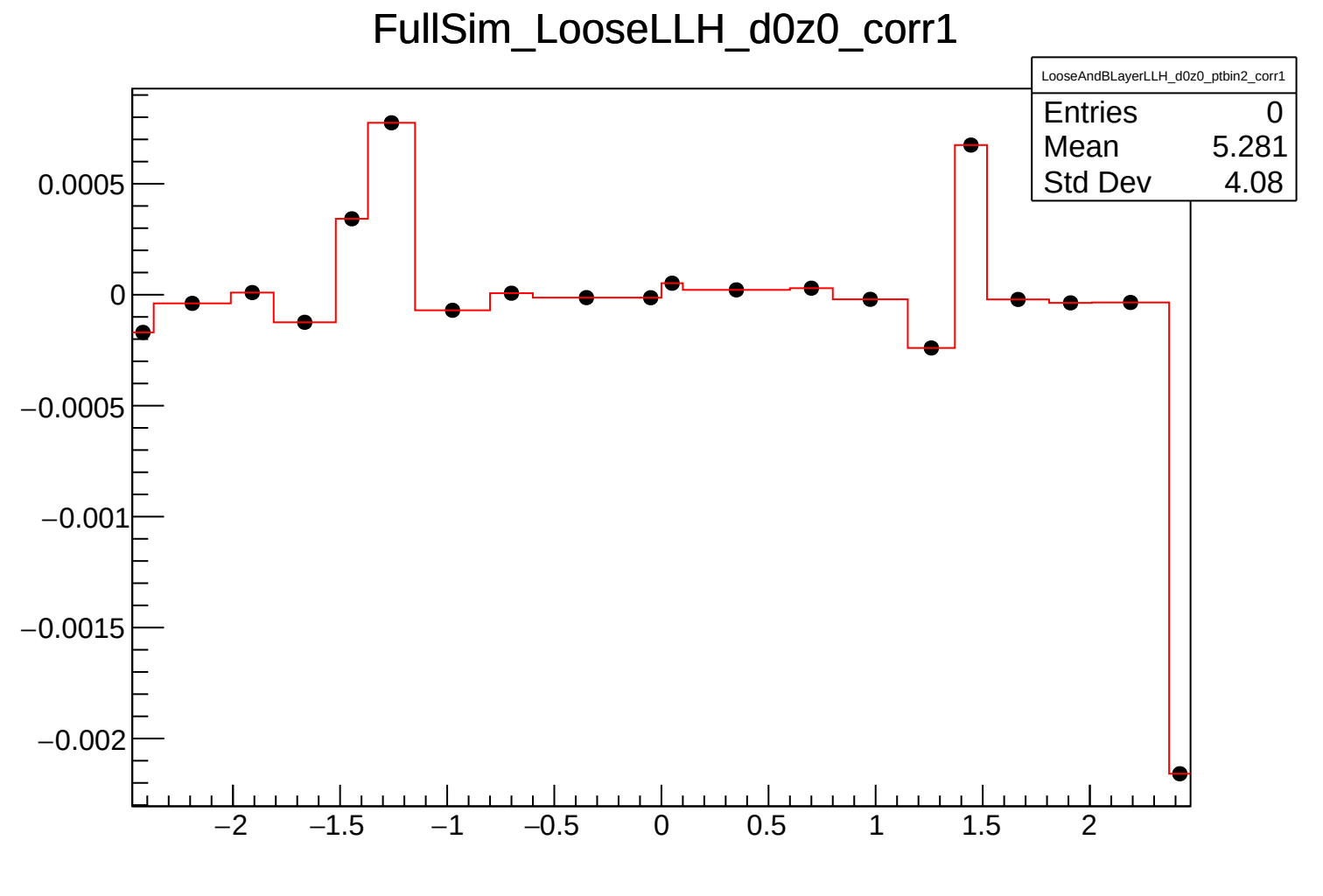
FullSim_LooseLLH_d0z0_corr1
LooseAndBLayerLLH_d0z0_ptbin2_corr1
Entries 0
Mean 5.281
Std Dev 4.08
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0
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−0.002
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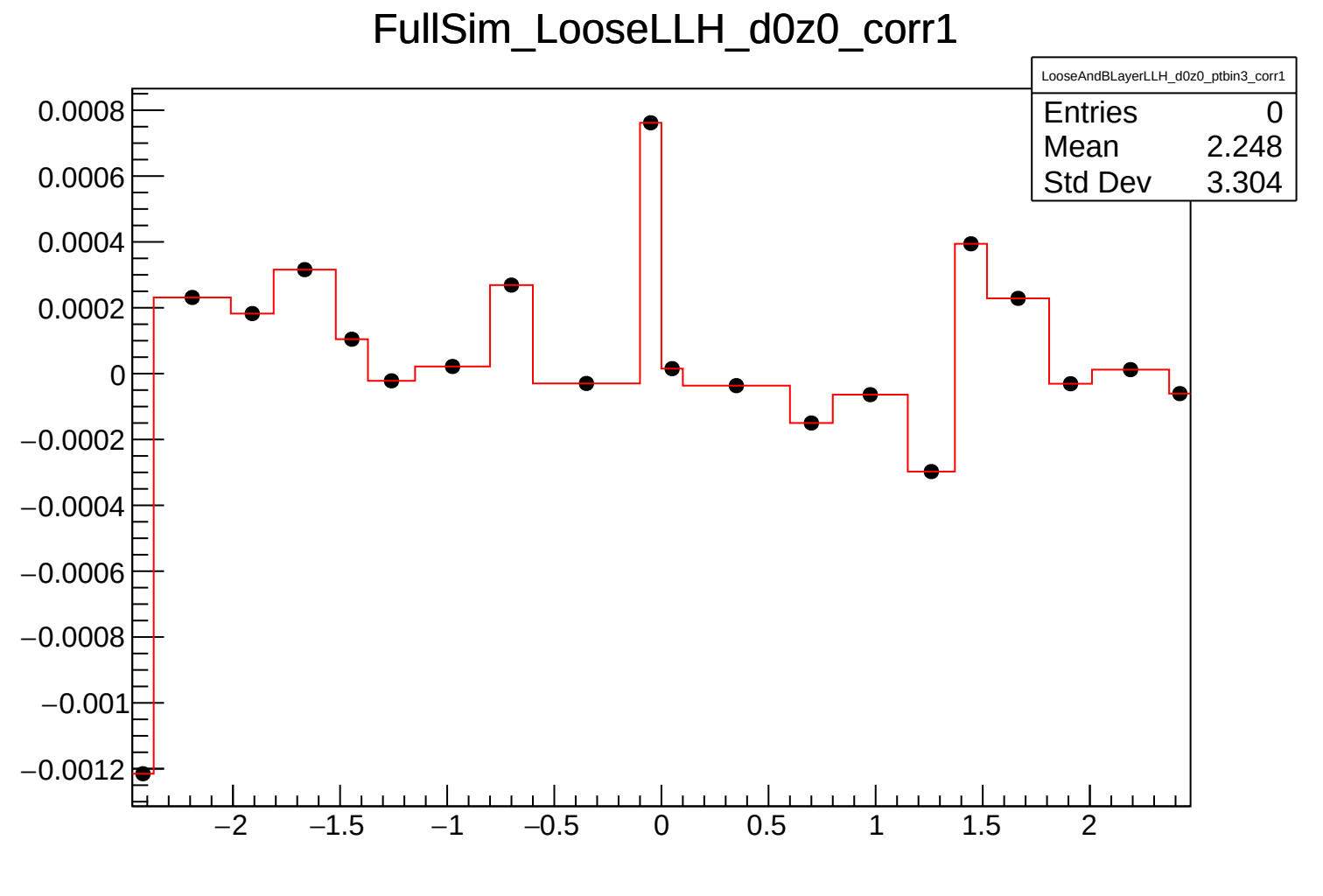
FullSim_LooseLLH_d0z0_corr1
LooseAndBLayerLLH_d0z0_ptbin3_corr1
Entries 0
Mean 2.248
Std Dev 3.304
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0.0006
0.0004
0.0002
0
−0.0002
−0.0004
−0.0006
−0.0008
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−0.0012
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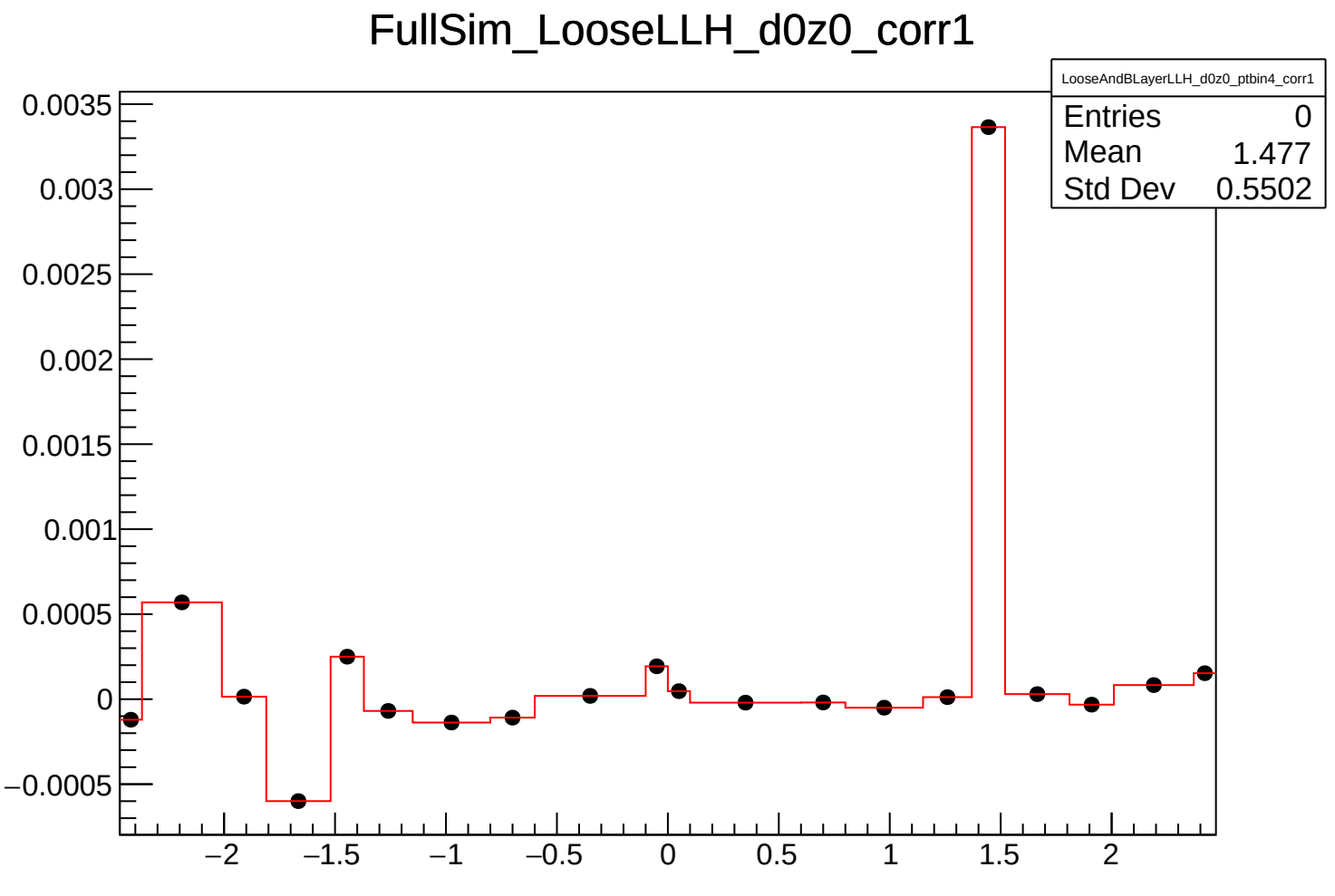
FullSim_LooseLLH_d0z0_corr1
LooseAndBLayerLLH_d0z0_ptbin4_corr1
Entries 0
Mean 1.477
Std Dev 0.5502
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
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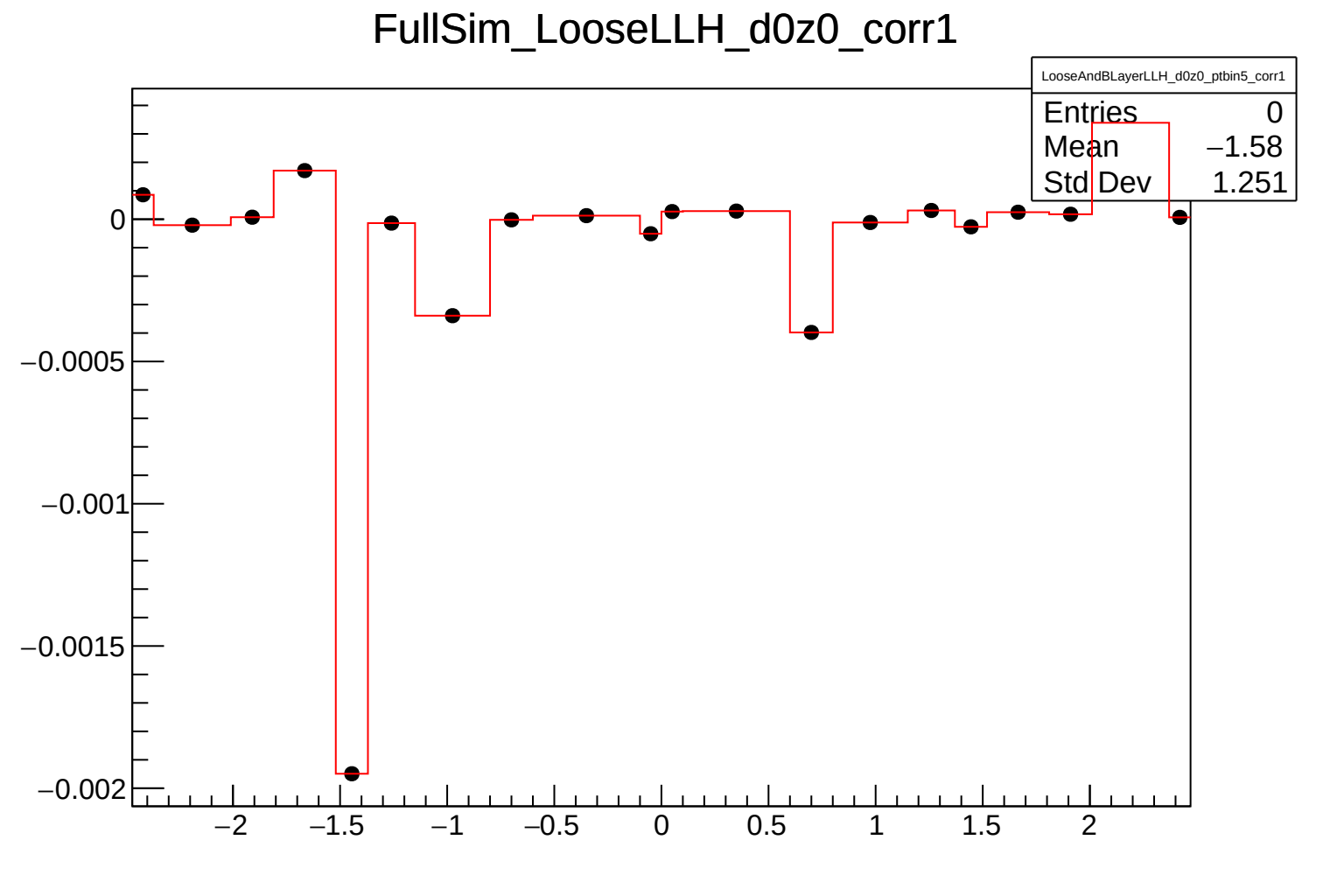
FullSim_LooseLLH_d0z0_corr1
LooseAndBLayerLLH_d0z0_ptbin5_corr1
Entries 0
Mean −1.58
Std Dev 1.251
0
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−0.0015
−0.002
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1.5
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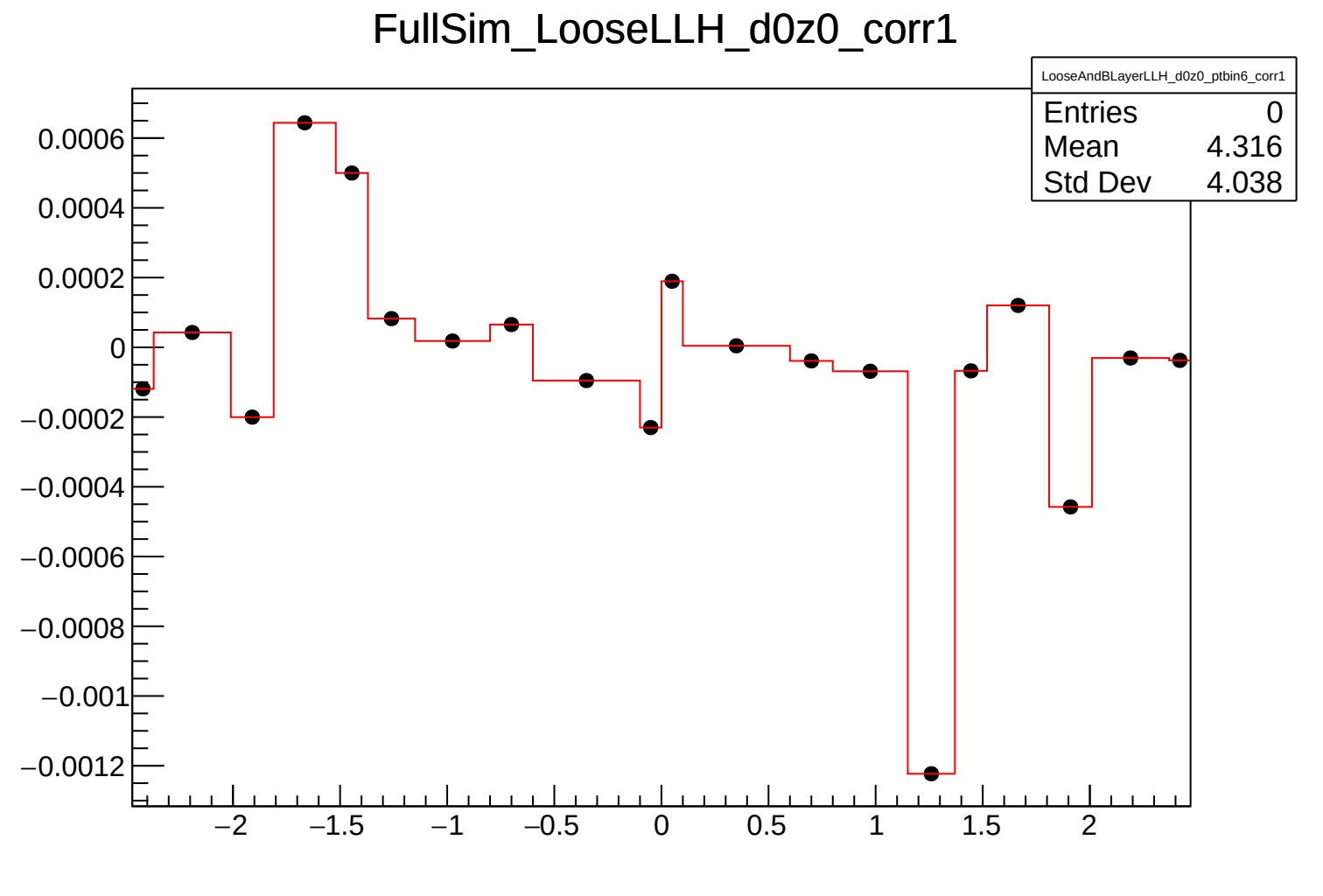
FullSim_LooseLLH_d0z0_corr1
LooseAndBLayerLLH_d0z0_ptbin6_corr1
Entries 0
Mean 4.316
Std Dev 4.038
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0.0002
0
−0.0002
−0.0004
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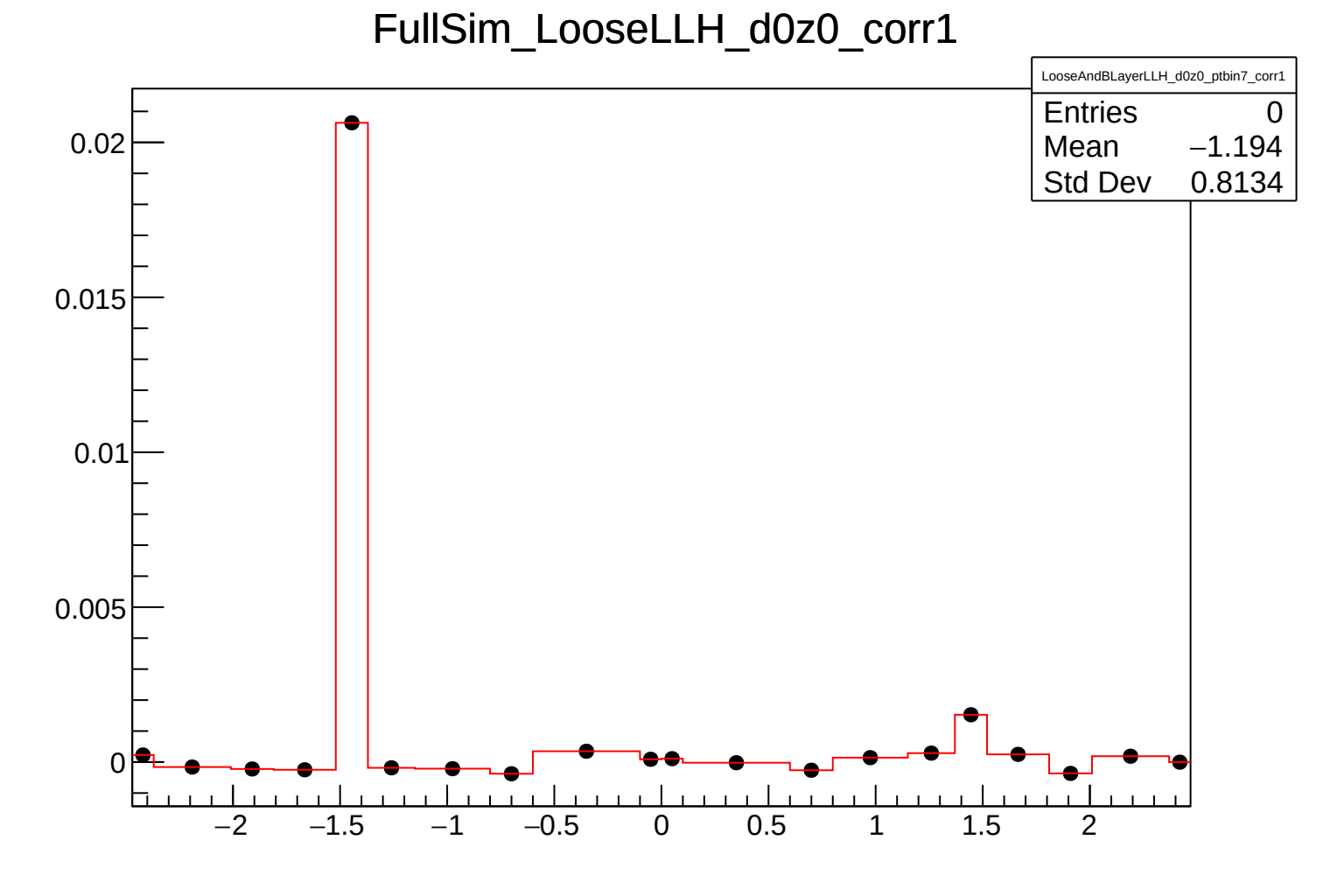
FullSim_LooseLLH_d0z0_corr1
LooseAndBLayerLLH_d0z0_ptbin7_corr1
Entries 0
Mean −1.194
Std Dev 0.8134
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0.005
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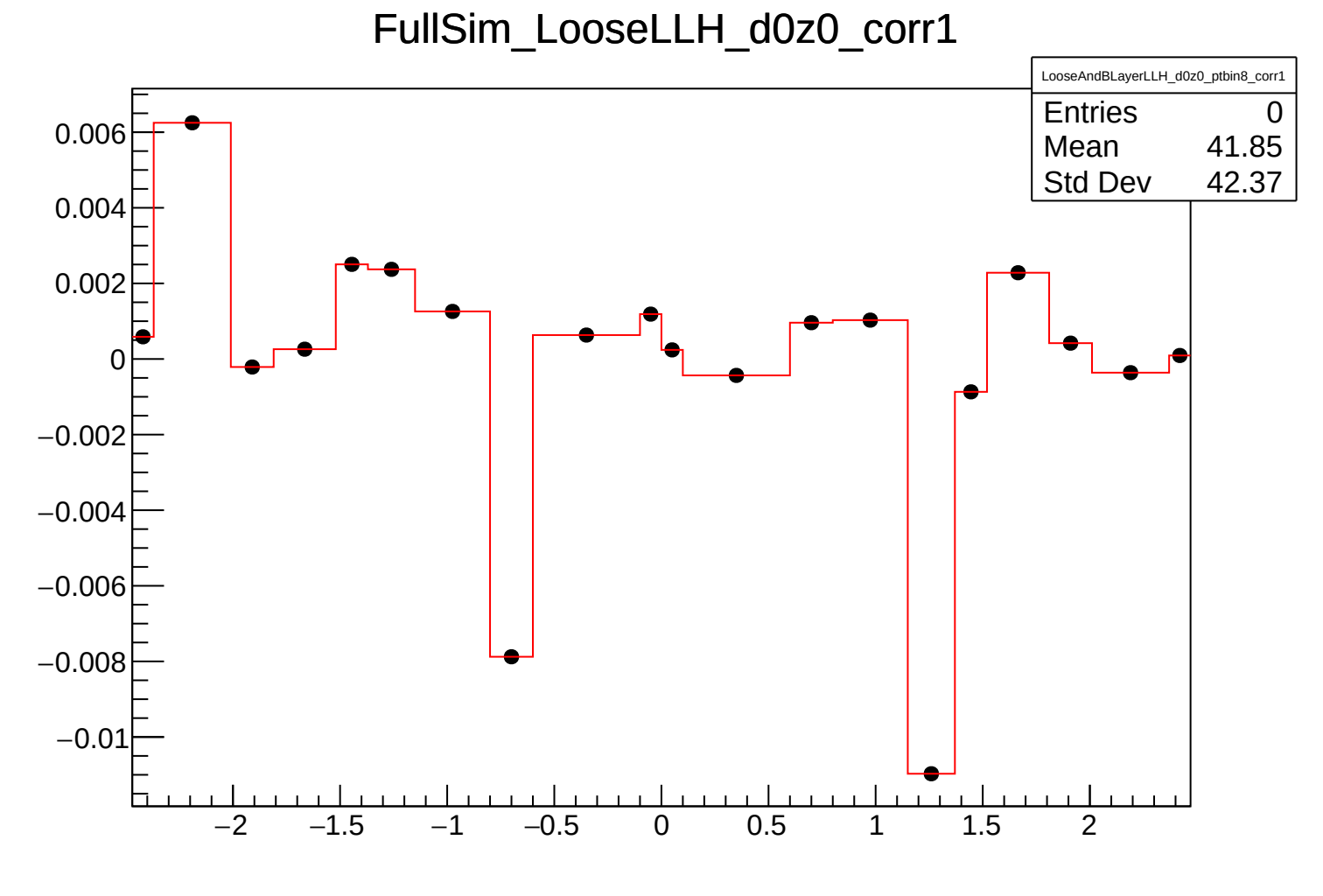
FullSim_LooseLLH_d0z0_corr1
LooseAndBLayerLLH_d0z0_ptbin8_corr1
Entries 0
Mean 41.85
Std Dev 42.37
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0.004
0.002
0
−0.002
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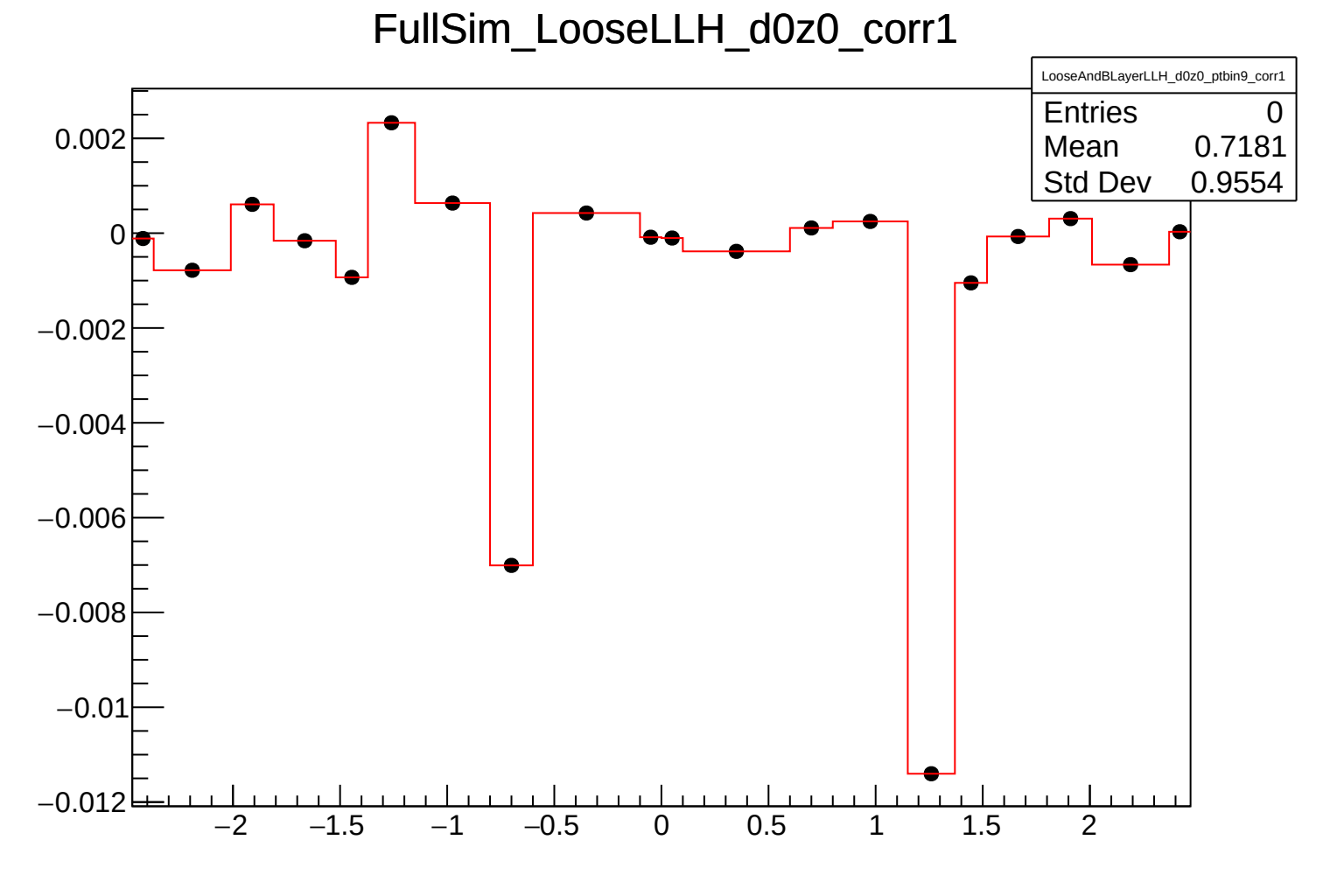
FullSim_LooseLLH_d0z0_corr1
LooseAndBLayerLLH_d0z0_ptbin9_corr1
Entries 0
Mean 0.7181
Std Dev 0.9554
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0
−0.002
−0.004
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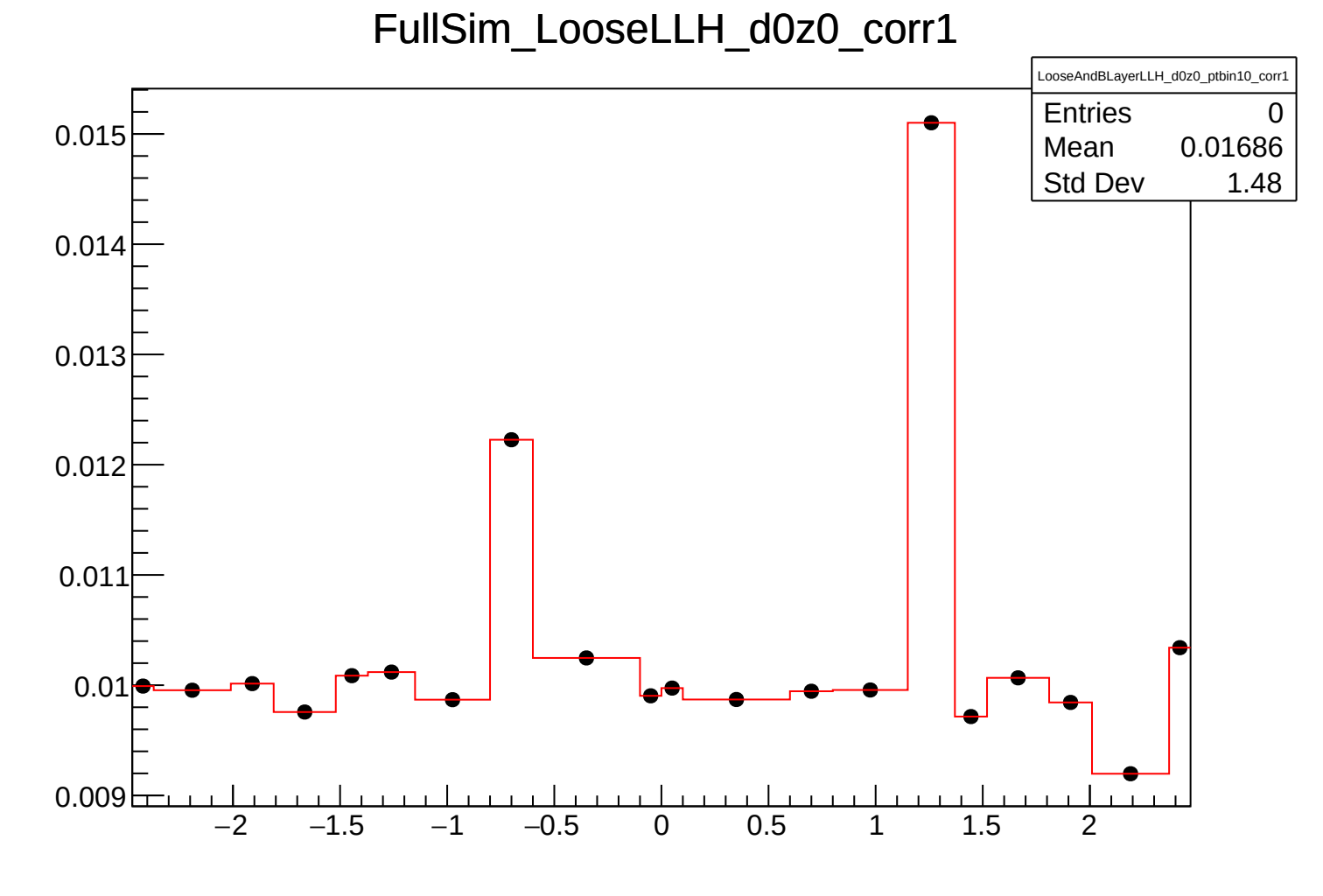
FullSim_LooseLLH_d0z0_corr1
LooseAndBLayerLLH_d0z0_ptbin10_corr1
Entries 0
Mean 0.01686
Std Dev 1.48
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0.014
0.013
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0.01
0.009
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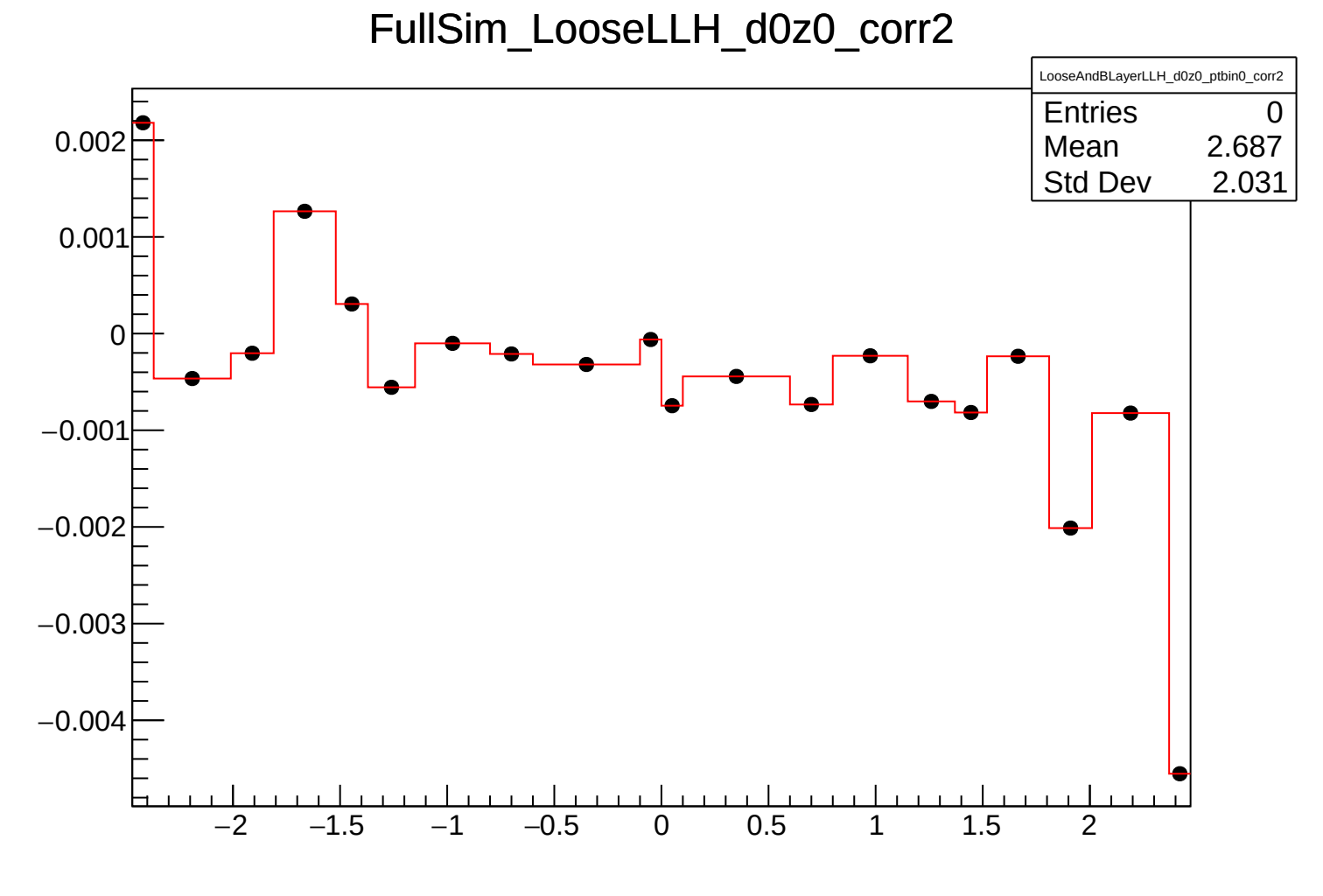
FullSim_LooseLLH_d0z0_corr2
LooseAndBLayerLLH_d0z0_ptbin0_corr2
Entries 0
Mean 2.687
Std Dev 2.031
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0.001
0
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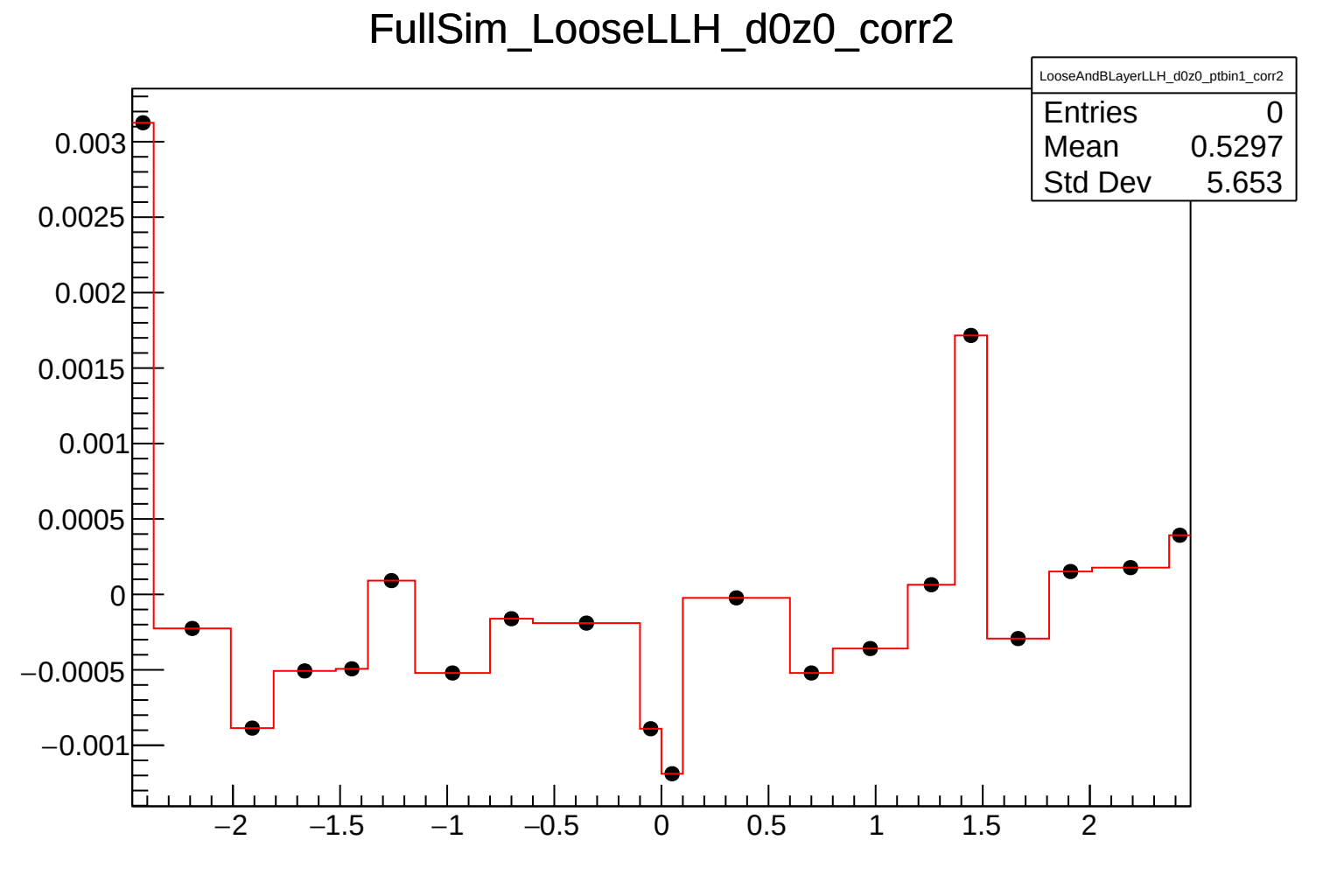
FullSim_LooseLLH_d0z0_corr2
LooseAndBLayerLLH_d0z0_ptbin1_corr2
Entries 0
Mean 0.5297
Std Dev 5.653
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0.0025
0.002
0.0015
0.001
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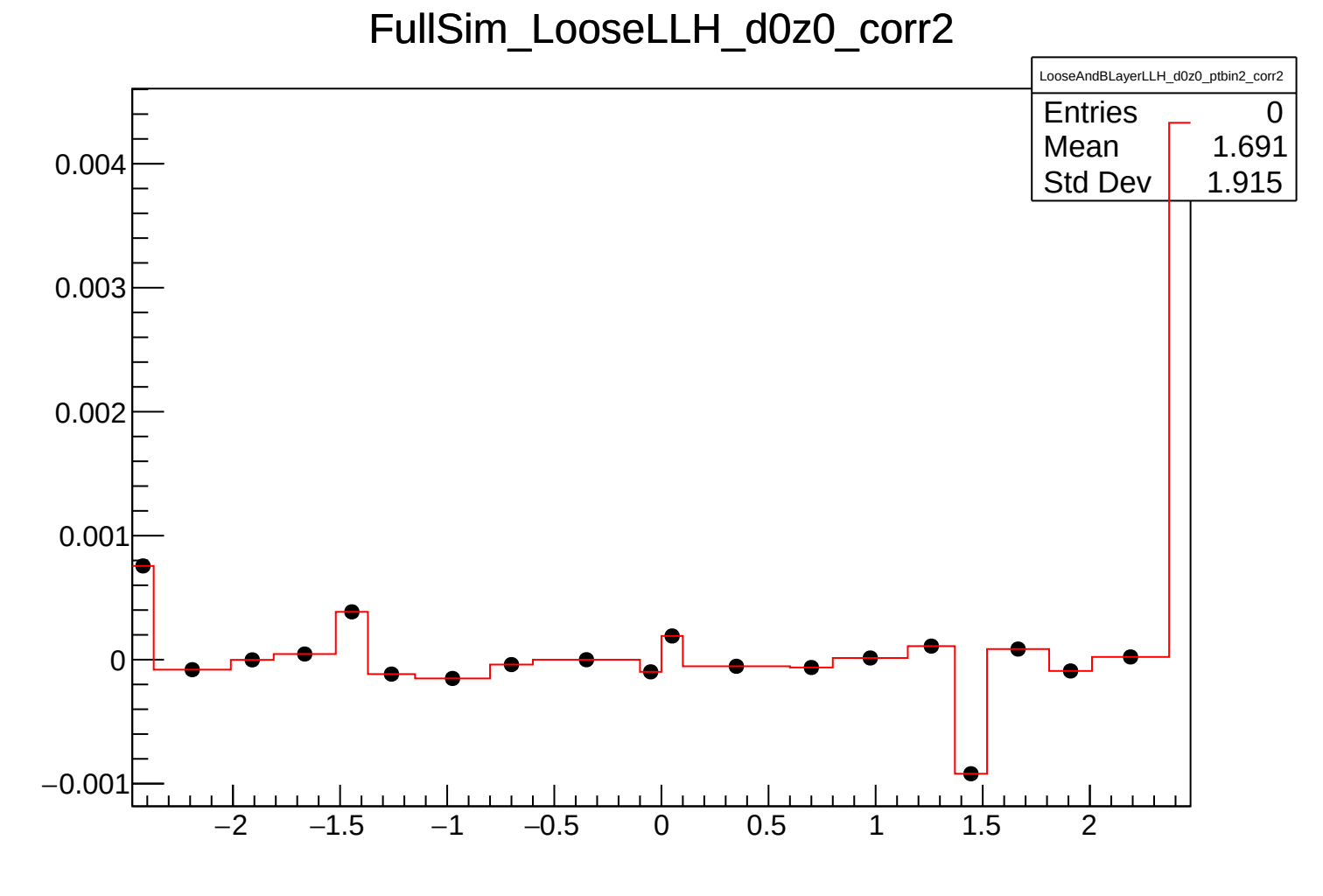
FullSim_LooseLLH_d0z0_corr2
LooseAndBLayerLLH_d0z0_ptbin2_corr2
Entries 0
Mean 1.691
Std Dev 1.915
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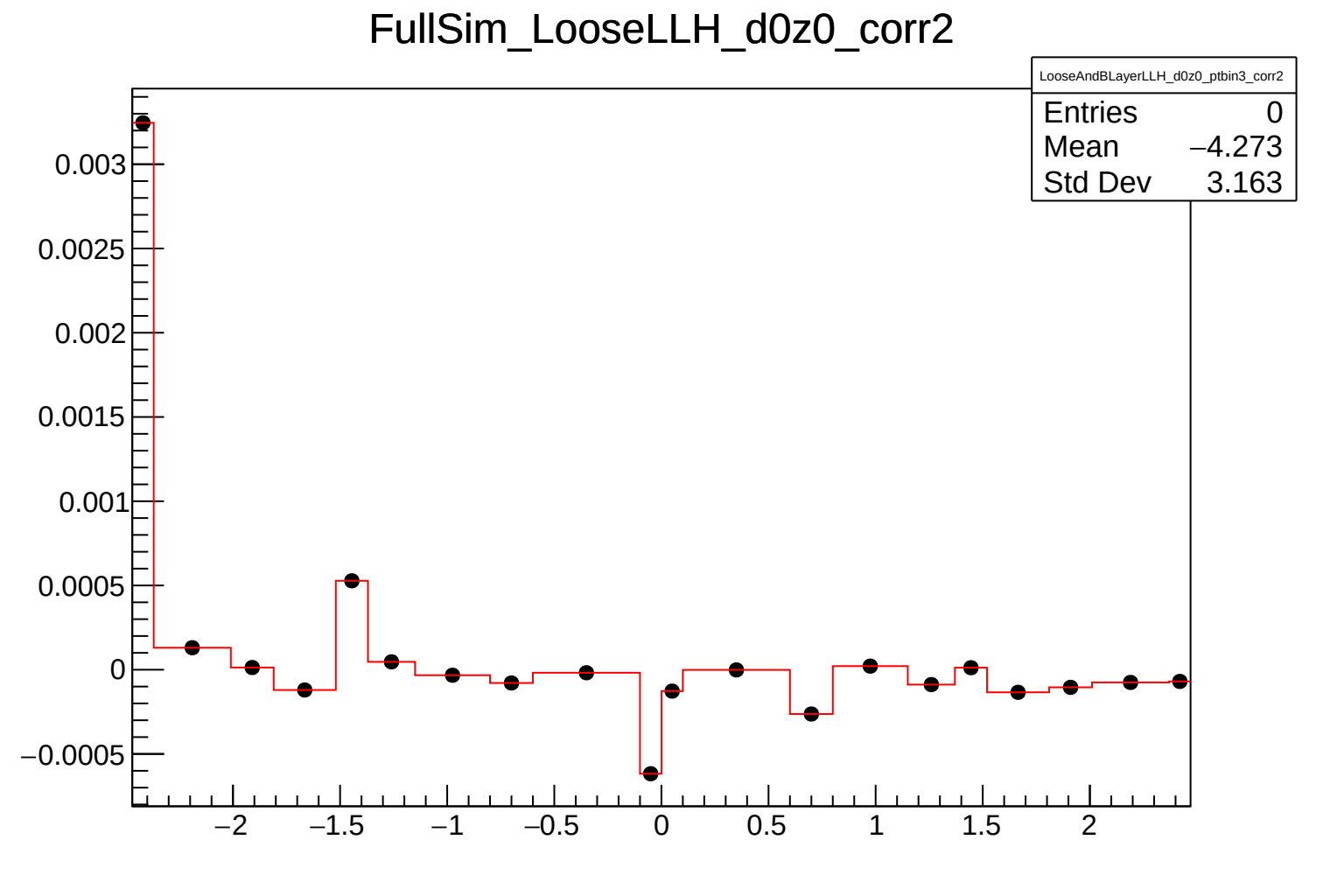
FullSim_LooseLLH_d0z0_corr2
LooseAndBLayerLLH_d0z0_ptbin3_corr2
Entries 0
Mean −4.273
Std Dev 3.163
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0.0025
0.002
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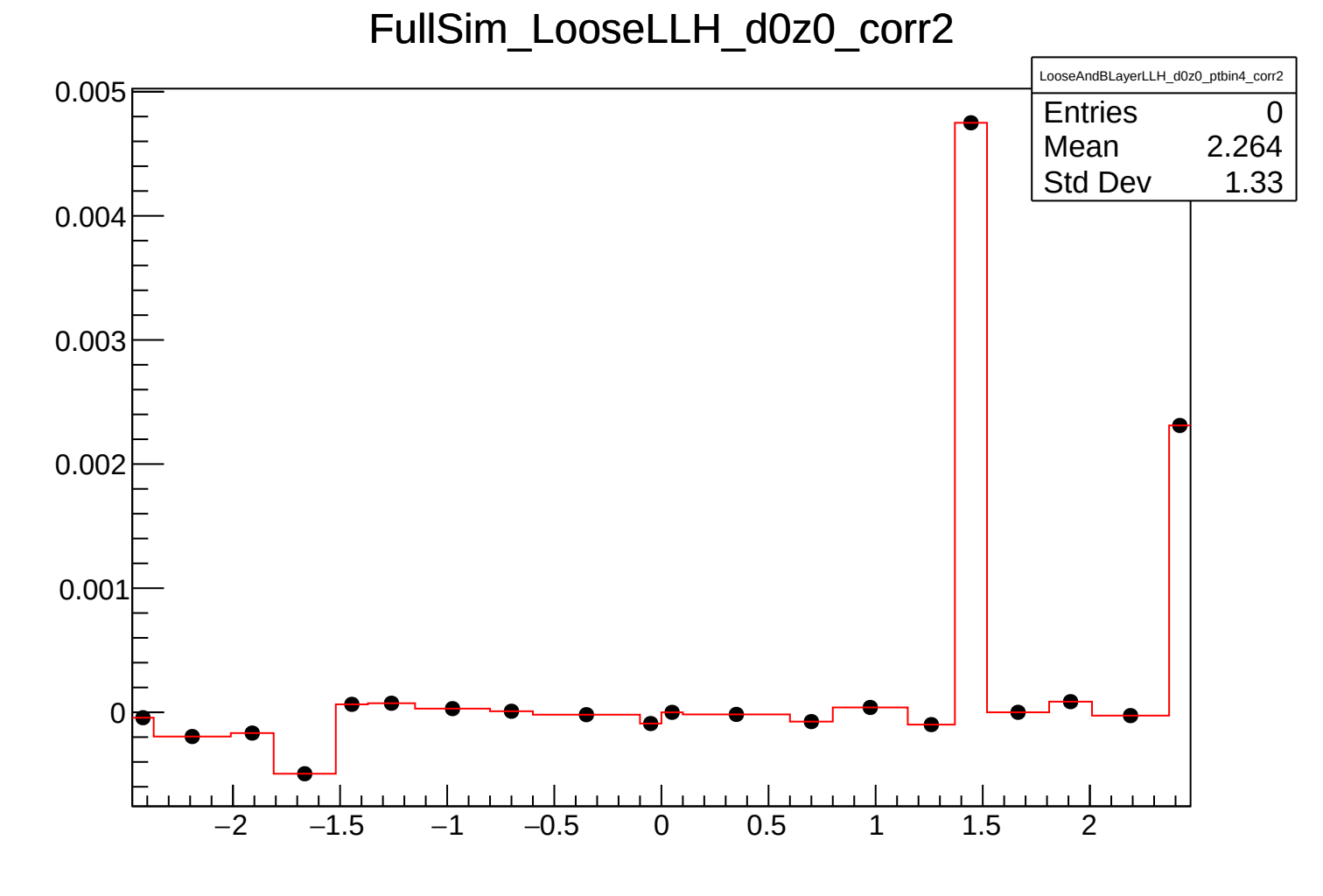
FullSim_LooseLLH_d0z0_corr2
LooseAndBLayerLLH_d0z0_ptbin4_corr2
Entries 0
Mean 2.264
Std Dev 1.33
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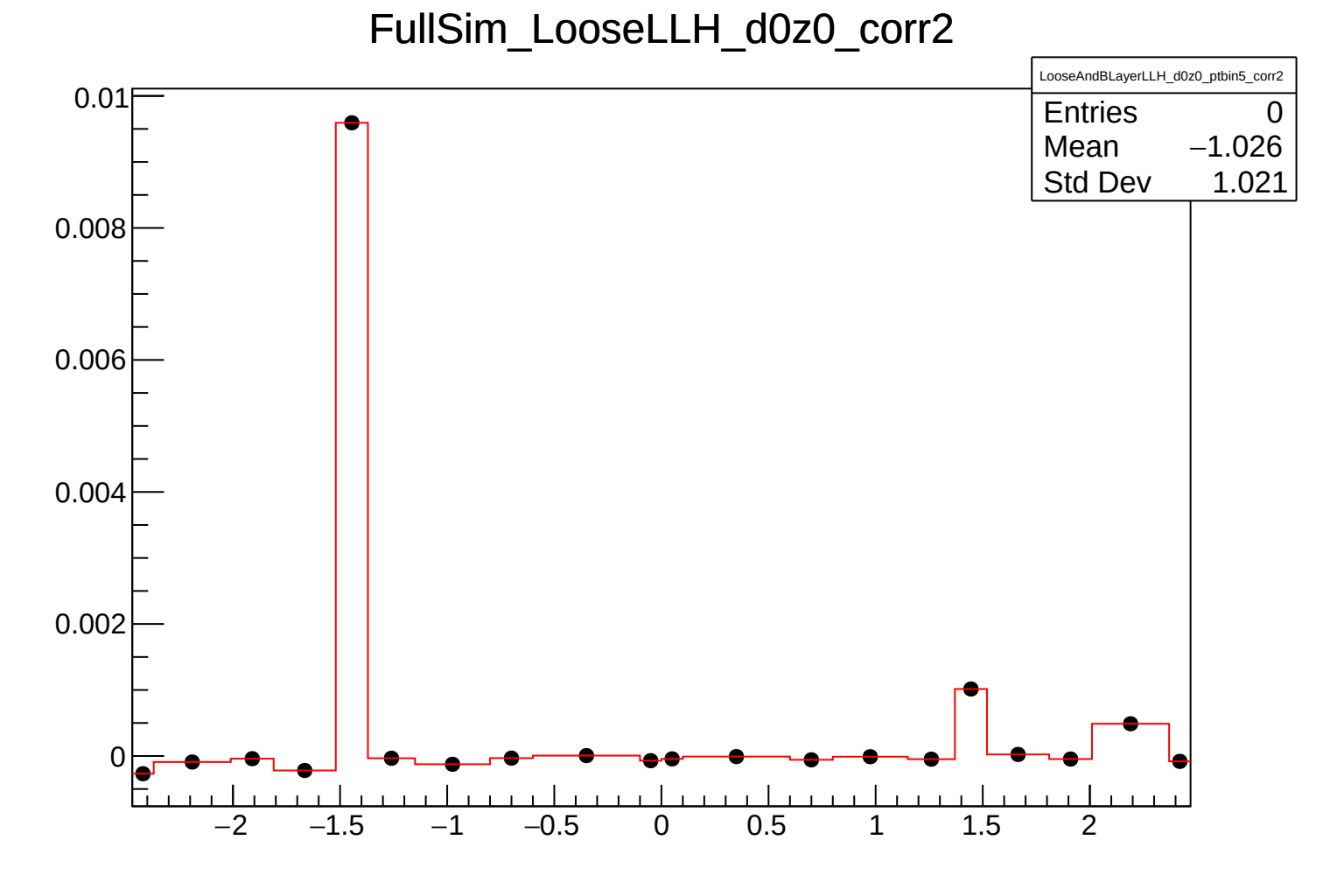
FullSim_LooseLLH_d0z0_corr2
LooseAndBLayerLLH_d0z0_ptbin5_corr2
Entries 0
Mean −1.026
Std Dev 1.021
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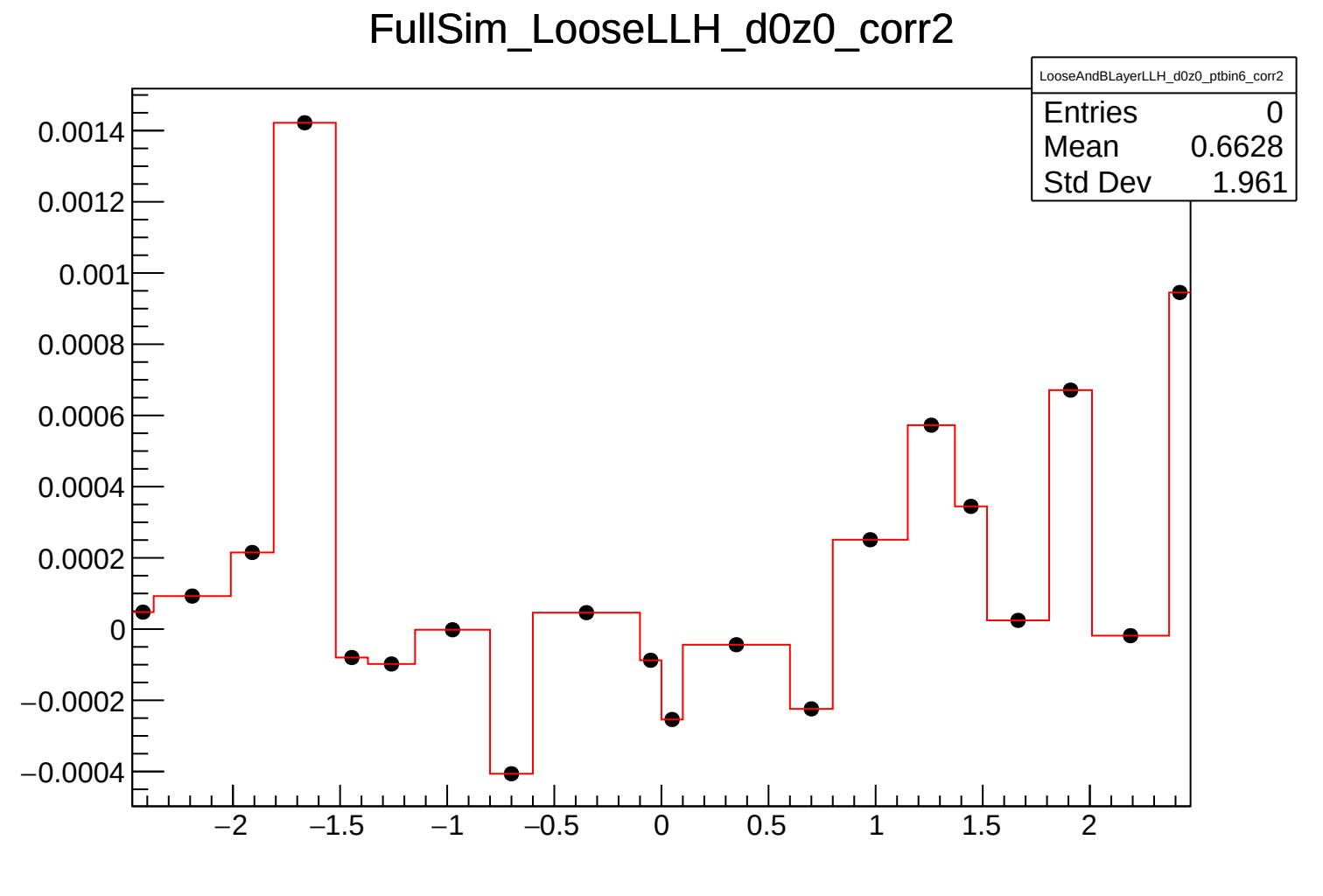
FullSim_LooseLLH_d0z0_corr2
LooseAndBLayerLLH_d0z0_ptbin6_corr2
Entries 0
Mean 0.6628
Std Dev 1.961
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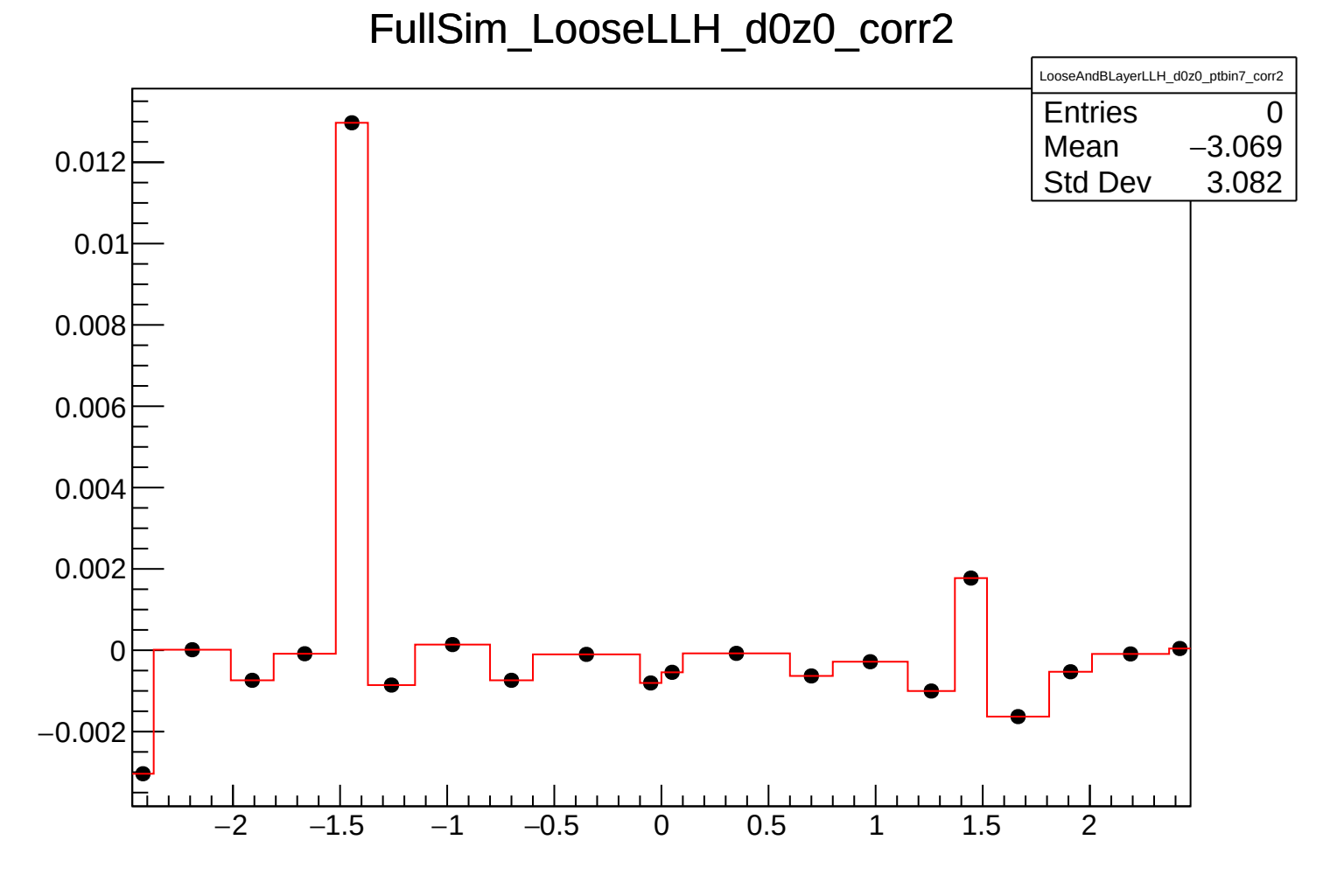
FullSim_LooseLLH_d0z0_corr2
LooseAndBLayerLLH_d0z0_ptbin7_corr2
Entries 0
Mean −3.069
Std Dev 3.082
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0.008
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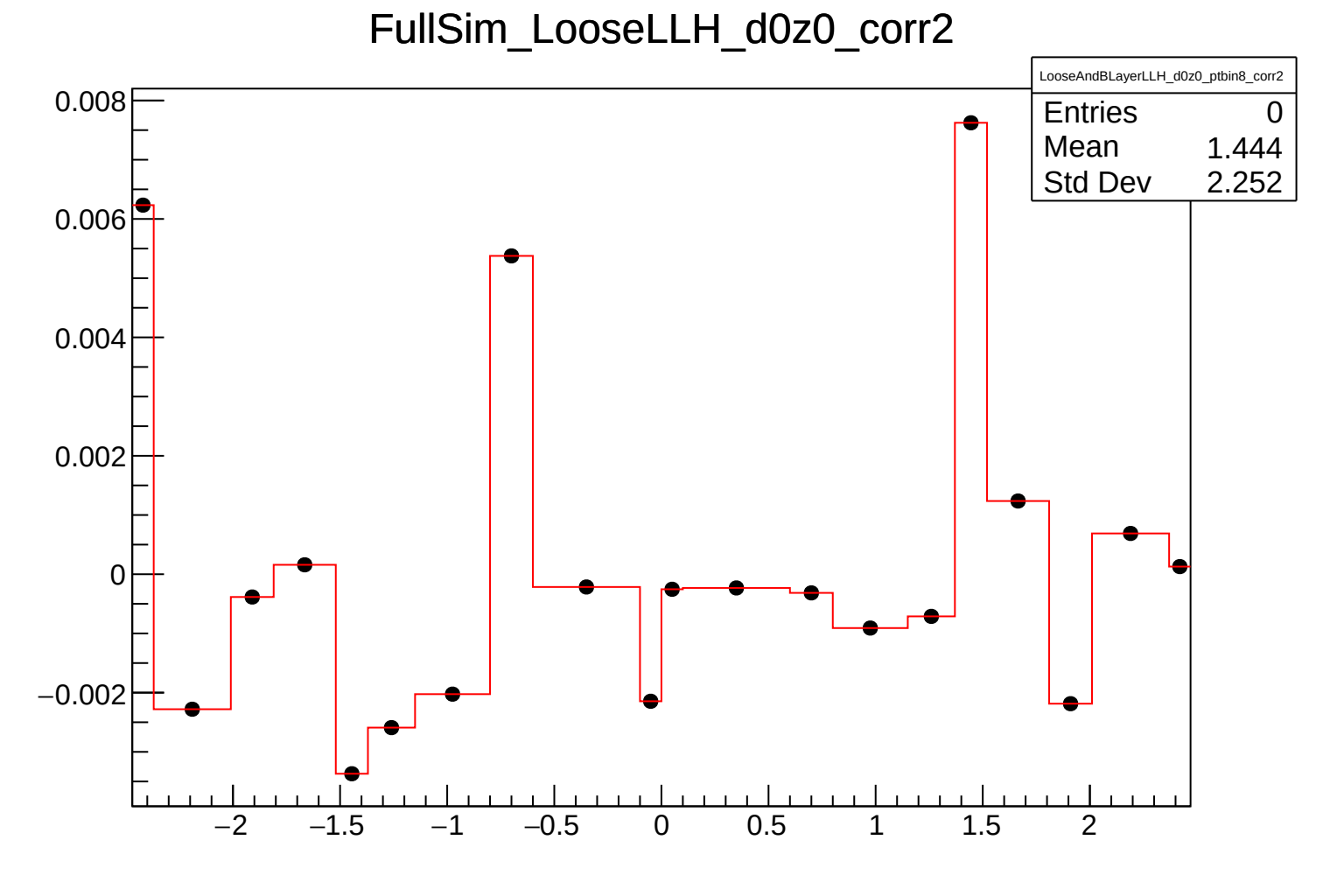
FullSim_LooseLLH_d0z0_corr2
LooseAndBLayerLLH_d0z0_ptbin8_corr2
Entries 0
Mean 1.444
Std Dev 2.252
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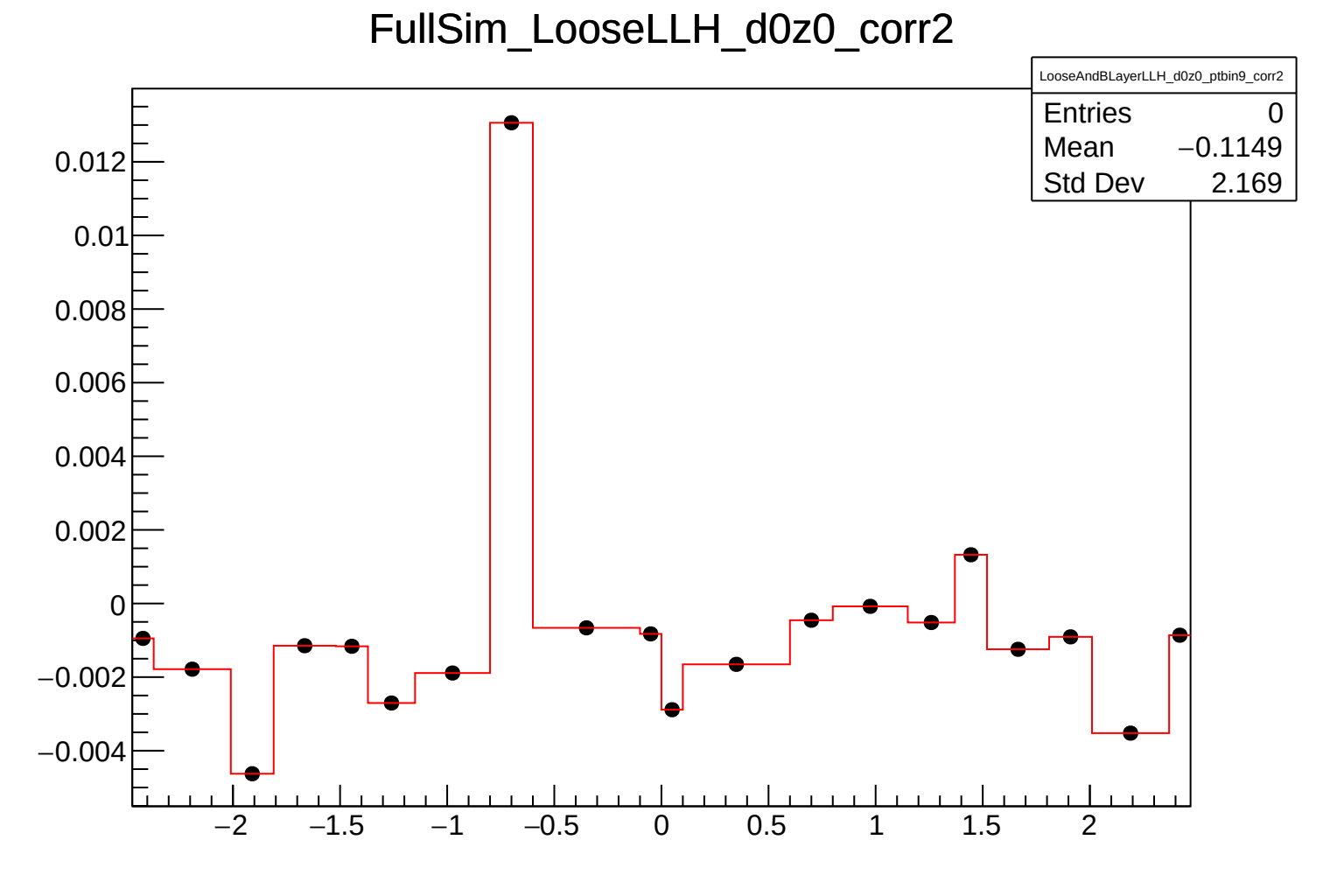
FullSim_LooseLLH_d0z0_corr2
LooseAndBLayerLLH_d0z0_ptbin9_corr2
Entries 0
Mean −0.1149
Std Dev 2.169
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0.008
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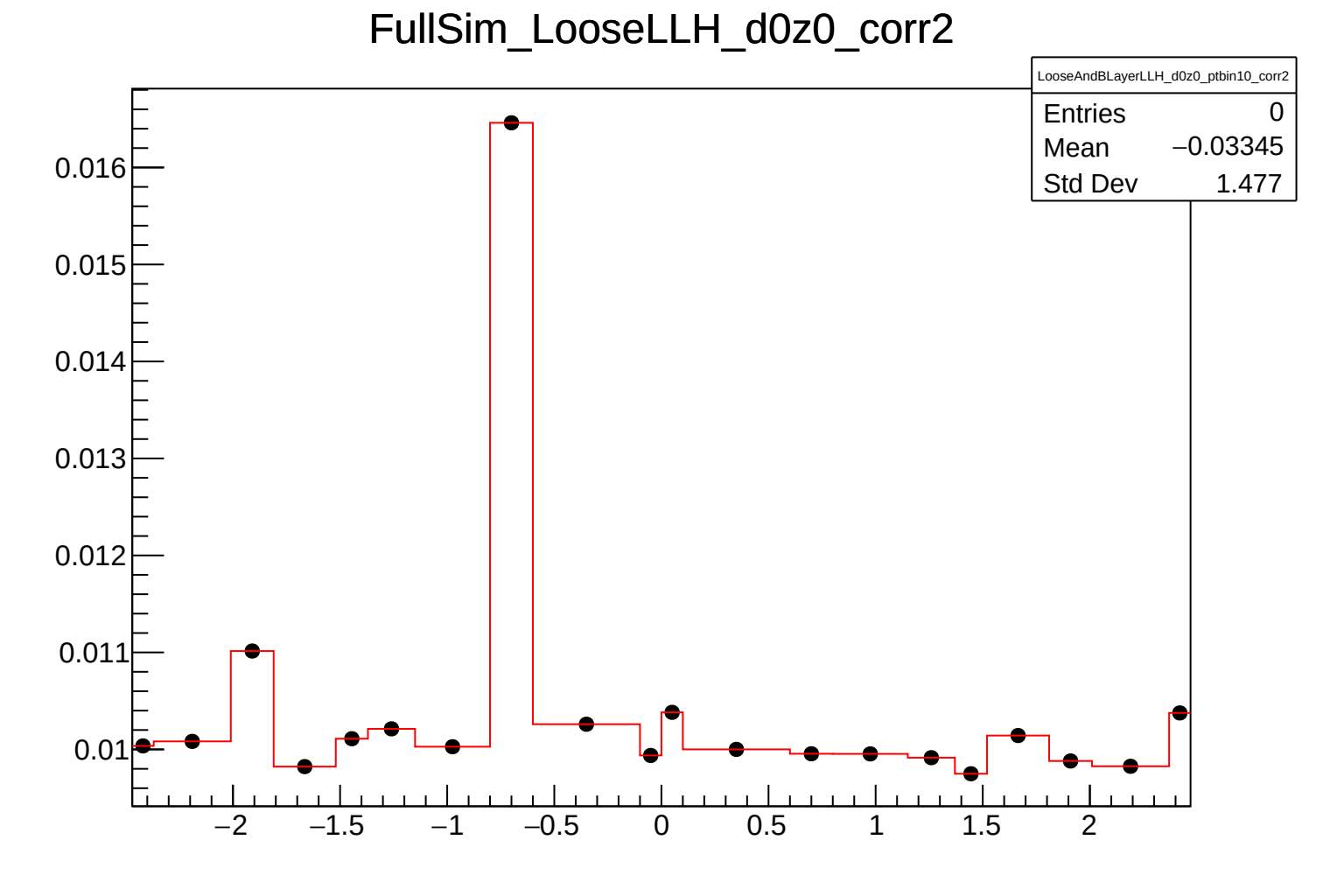
FullSim_LooseLLH_d0z0_corr2
LooseAndBLayerLLH_d0z0_ptbin10_corr2
Entries 0
Mean −0.03345
Std Dev 1.477
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0.015
0.014
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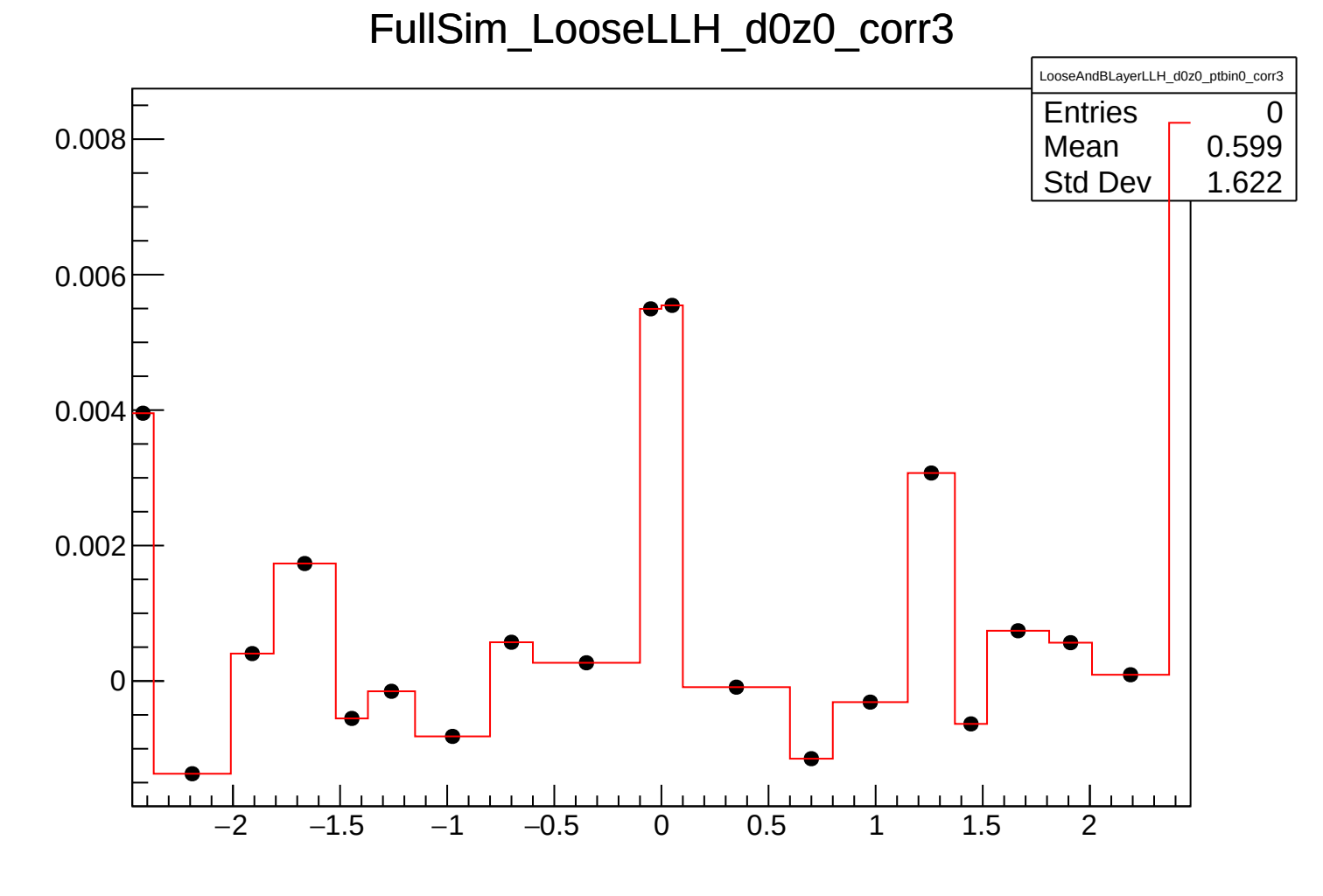
FullSim_LooseLLH_d0z0_corr3
LooseAndBLayerLLH_d0z0_ptbin0_corr3
Entries 0
Mean 0.599
Std Dev 1.622
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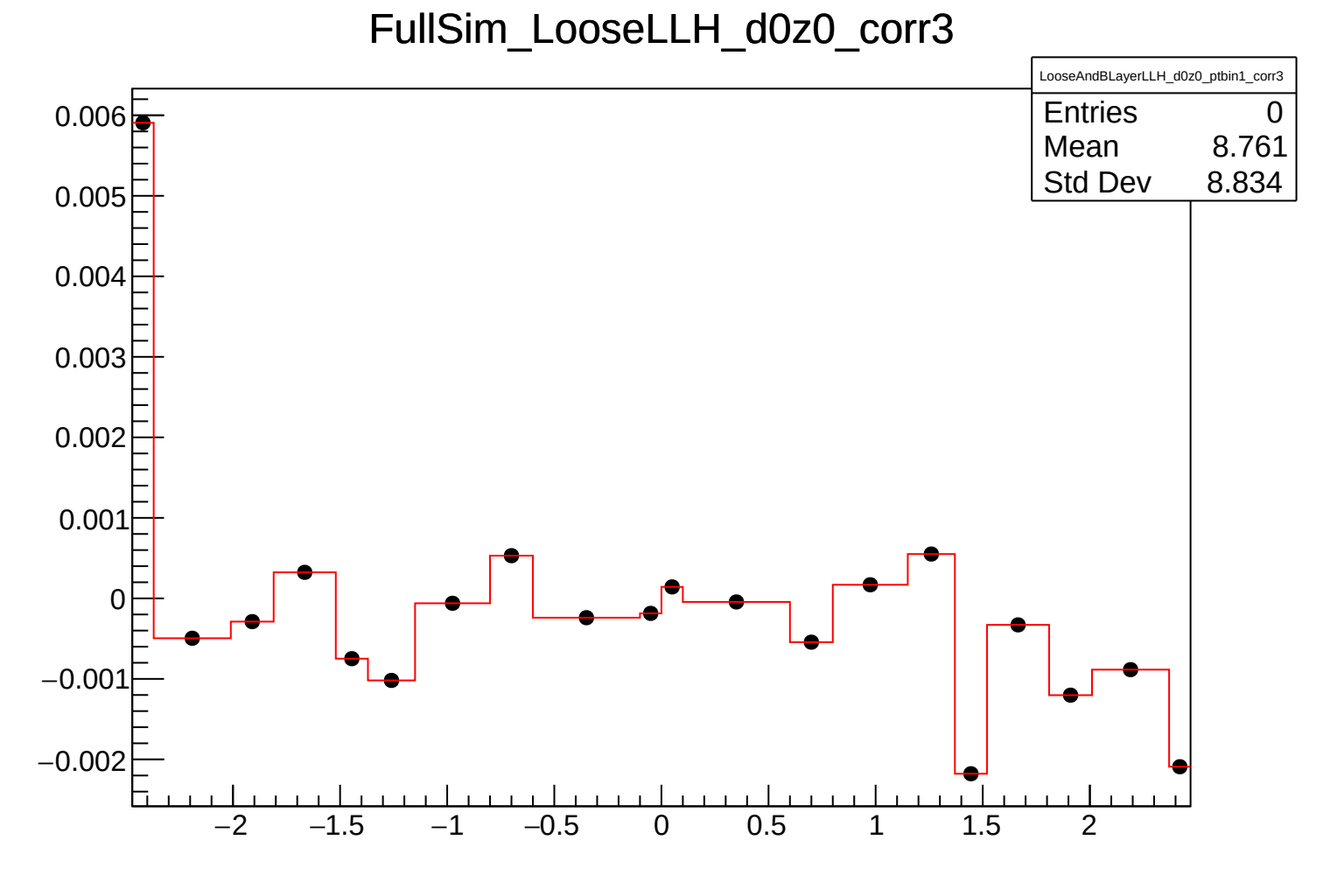
FullSim_LooseLLH_d0z0_corr3
LooseAndBLayerLLH_d0z0_ptbin1_corr3
Entries 0
Mean 8.761
Std Dev 8.834
0.006
0.005
0.004
0.003
0.002
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−0.002
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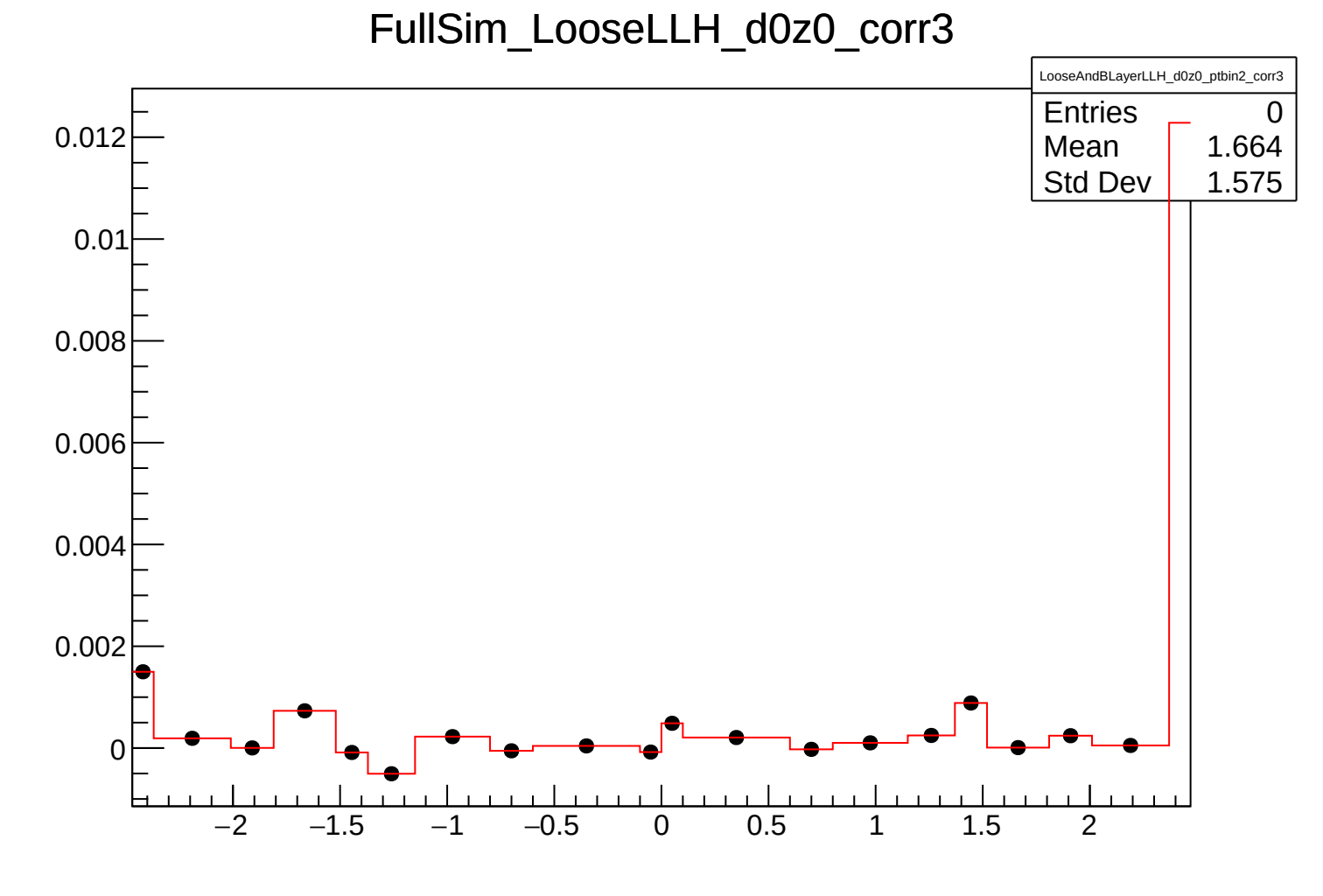
FullSim_LooseLLH_d0z0_corr3
LooseAndBLayerLLH_d0z0_ptbin2_corr3
Entries 0
Mean 1.664
Std Dev 1.575
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0.01
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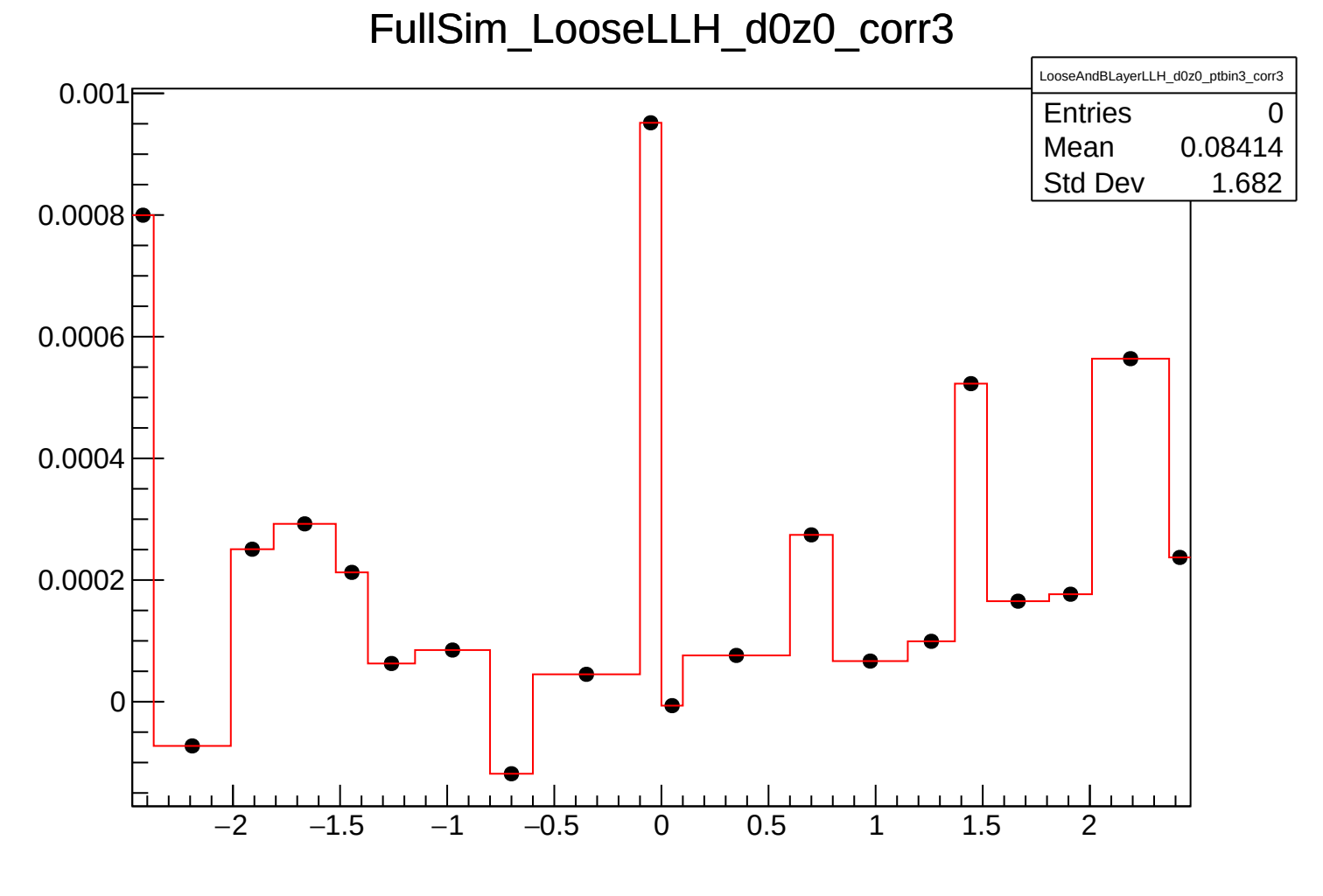
FullSim_LooseLLH_d0z0_corr3
LooseAndBLayerLLH_d0z0_ptbin3_corr3
Entries 0
Mean 0.08414
Std Dev 1.682
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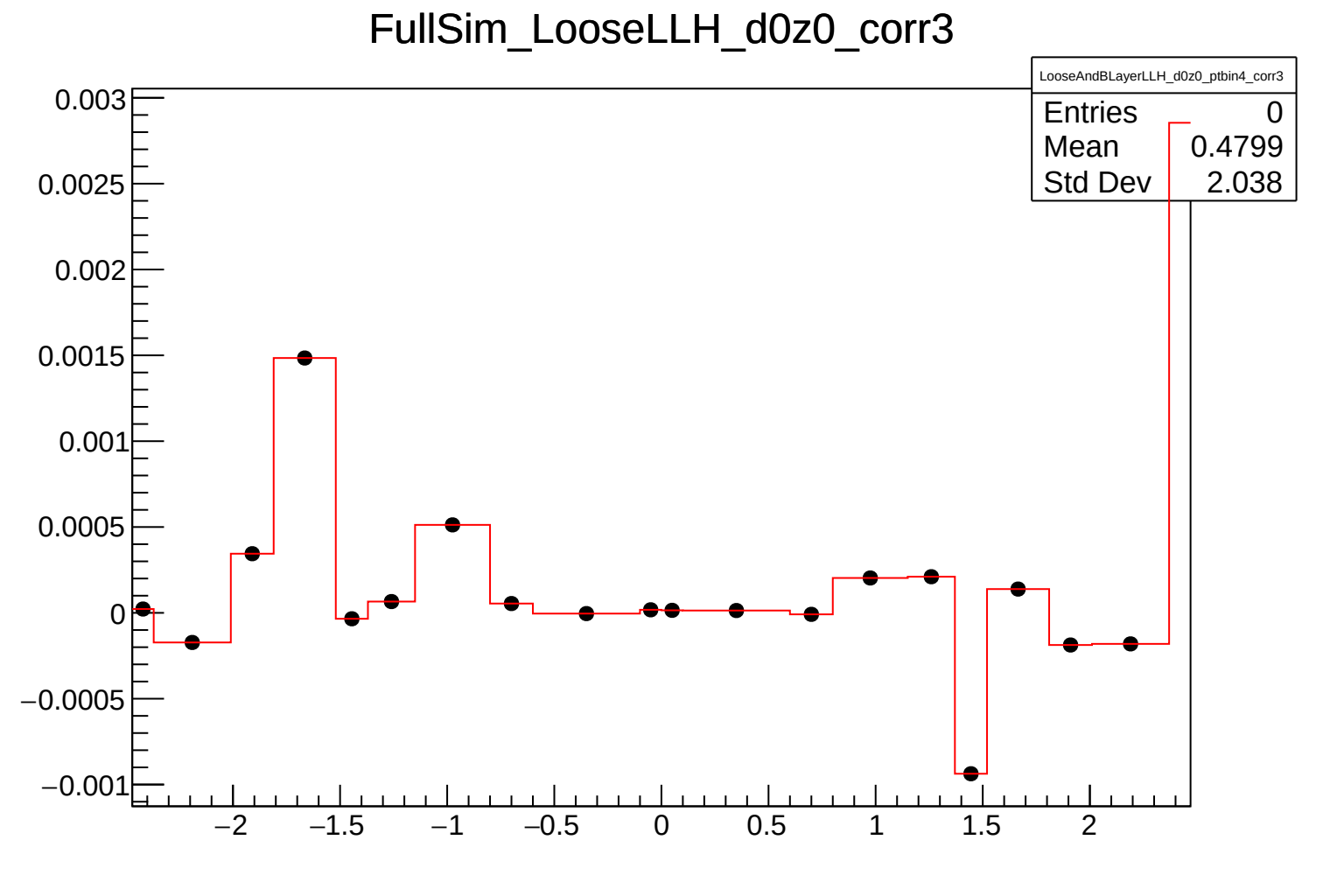
FullSim_LooseLLH_d0z0_corr3
LooseAndBLayerLLH_d0z0_ptbin4_corr3
Entries 0
Mean 0.4799
Std Dev 2.038
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0.0025
0.002
0.0015
0.001
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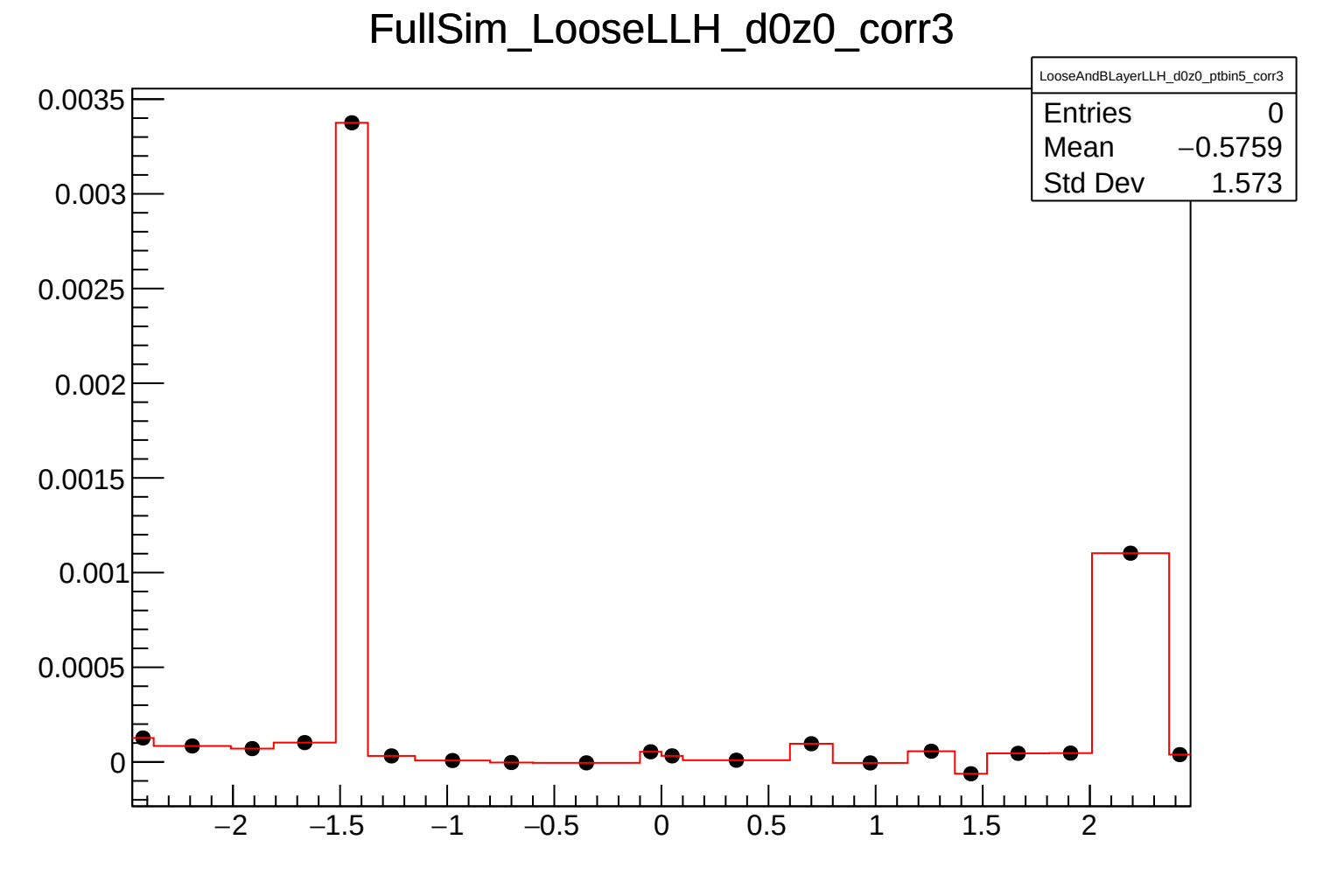
FullSim_LooseLLH_d0z0_corr3
LooseAndBLayerLLH_d0z0_ptbin5_corr3
Entries 0
Mean −0.5759
Std Dev 1.573
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0.003
0.0025
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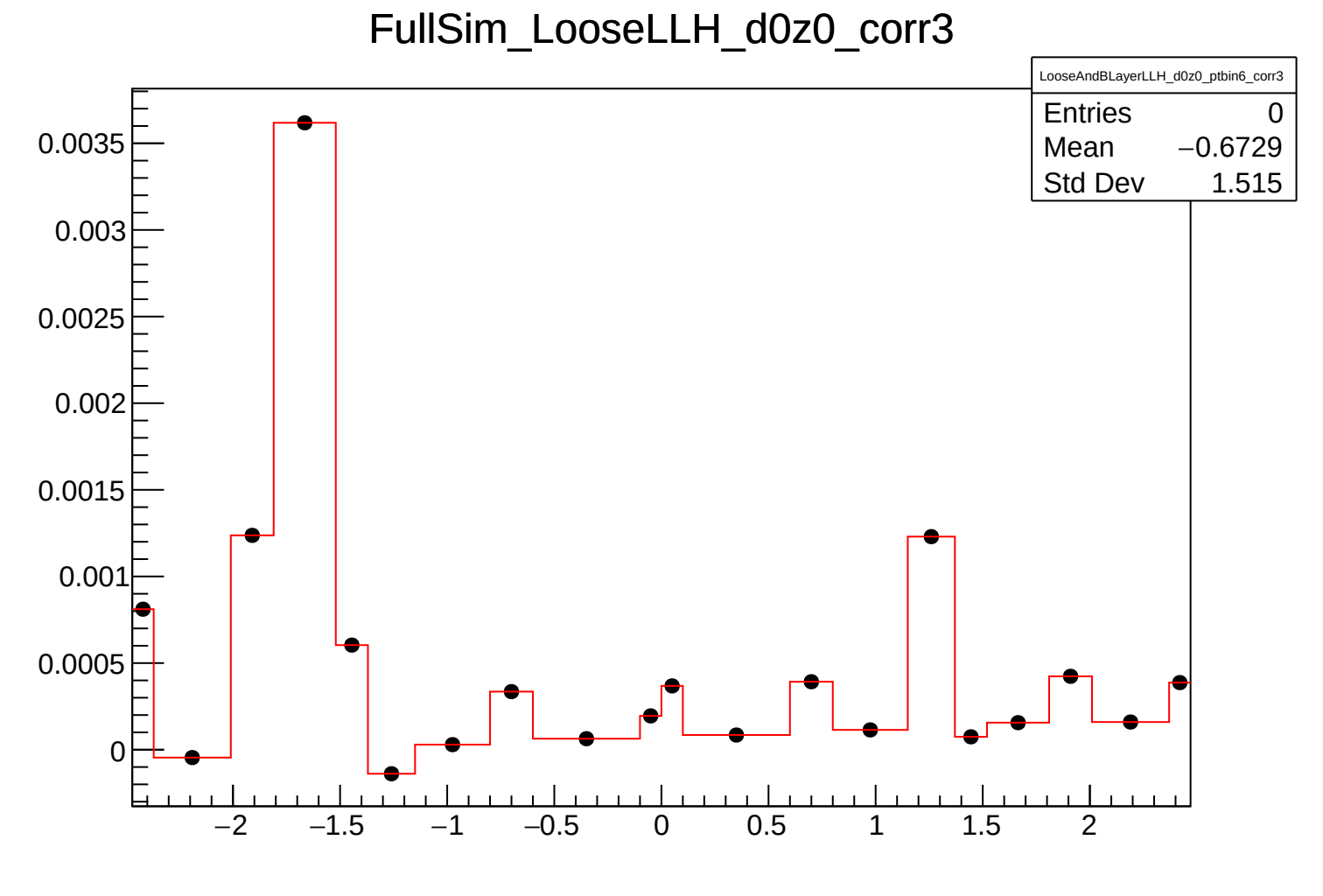
FullSim_LooseLLH_d0z0_corr3
LooseAndBLayerLLH_d0z0_ptbin6_corr3
Entries 0
Mean −0.6729
Std Dev 1.515
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0.003
0.0025
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0.0005
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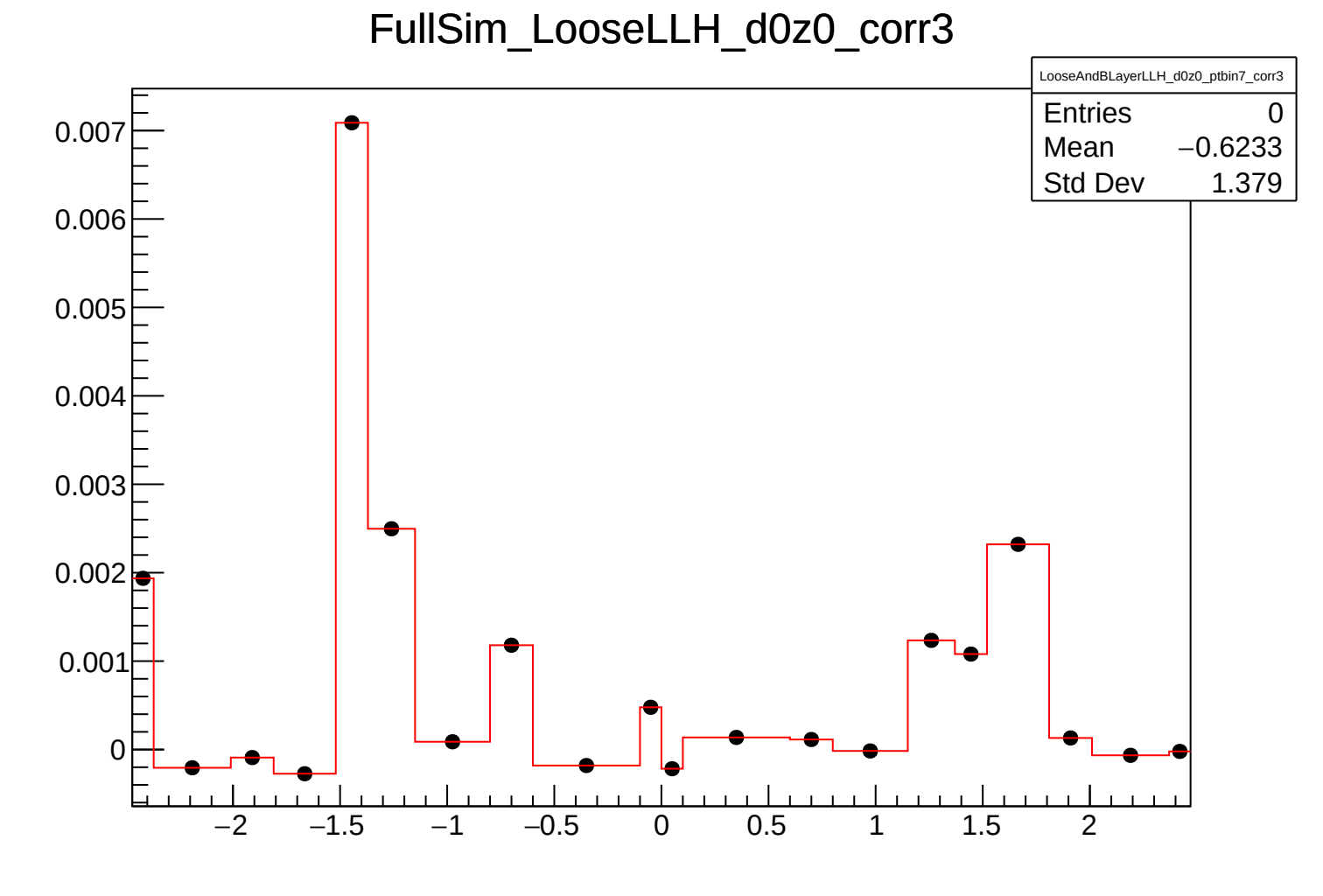
FullSim_LooseLLH_d0z0_corr3
LooseAndBLayerLLH_d0z0_ptbin7_corr3
Entries 0
Mean −0.6233
Std Dev 1.379
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0.006
0.005
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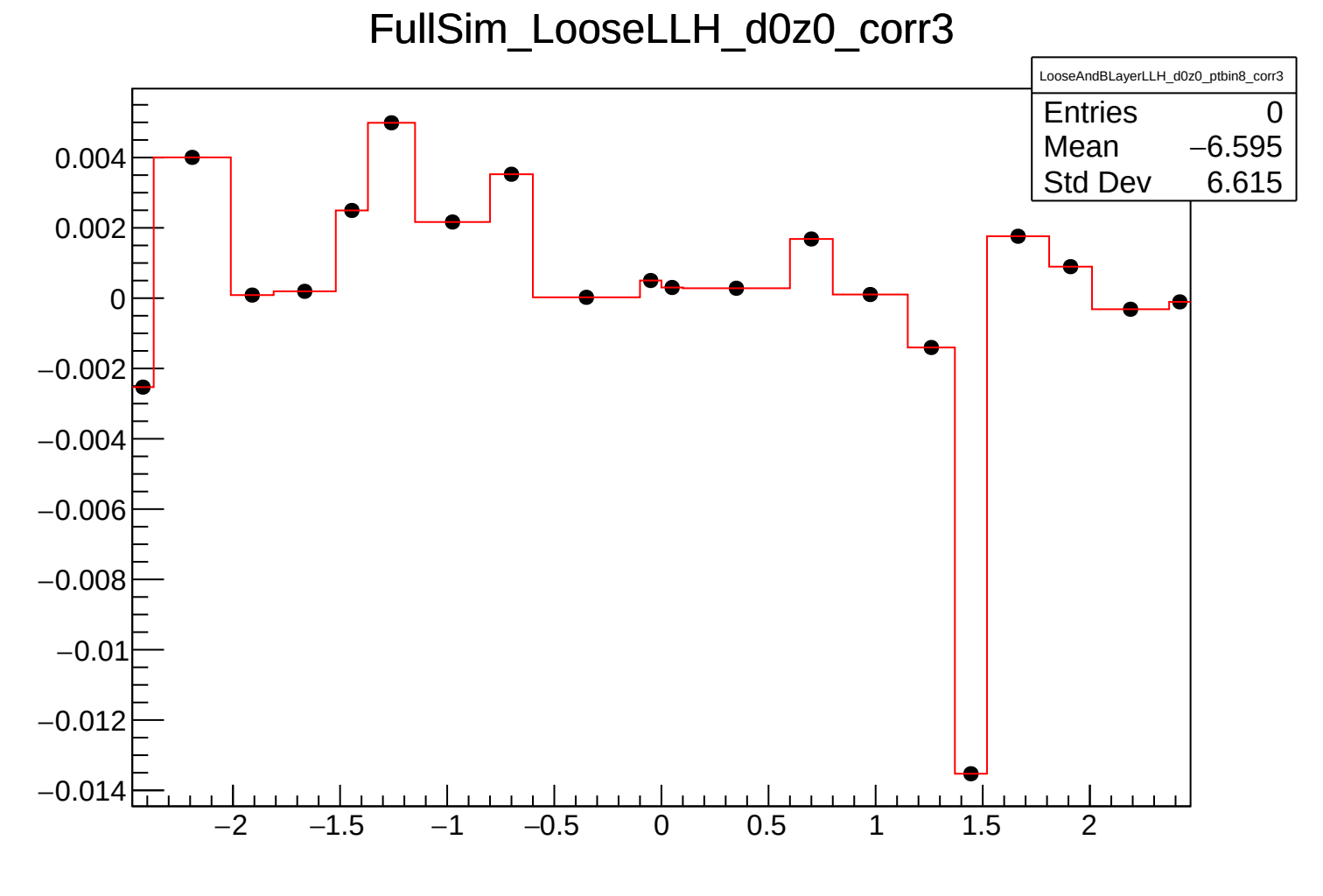
FullSim_LooseLLH_d0z0_corr3
LooseAndBLayerLLH_d0z0_ptbin8_corr3
Entries 0
Mean −6.595
Std Dev 6.615
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0.002
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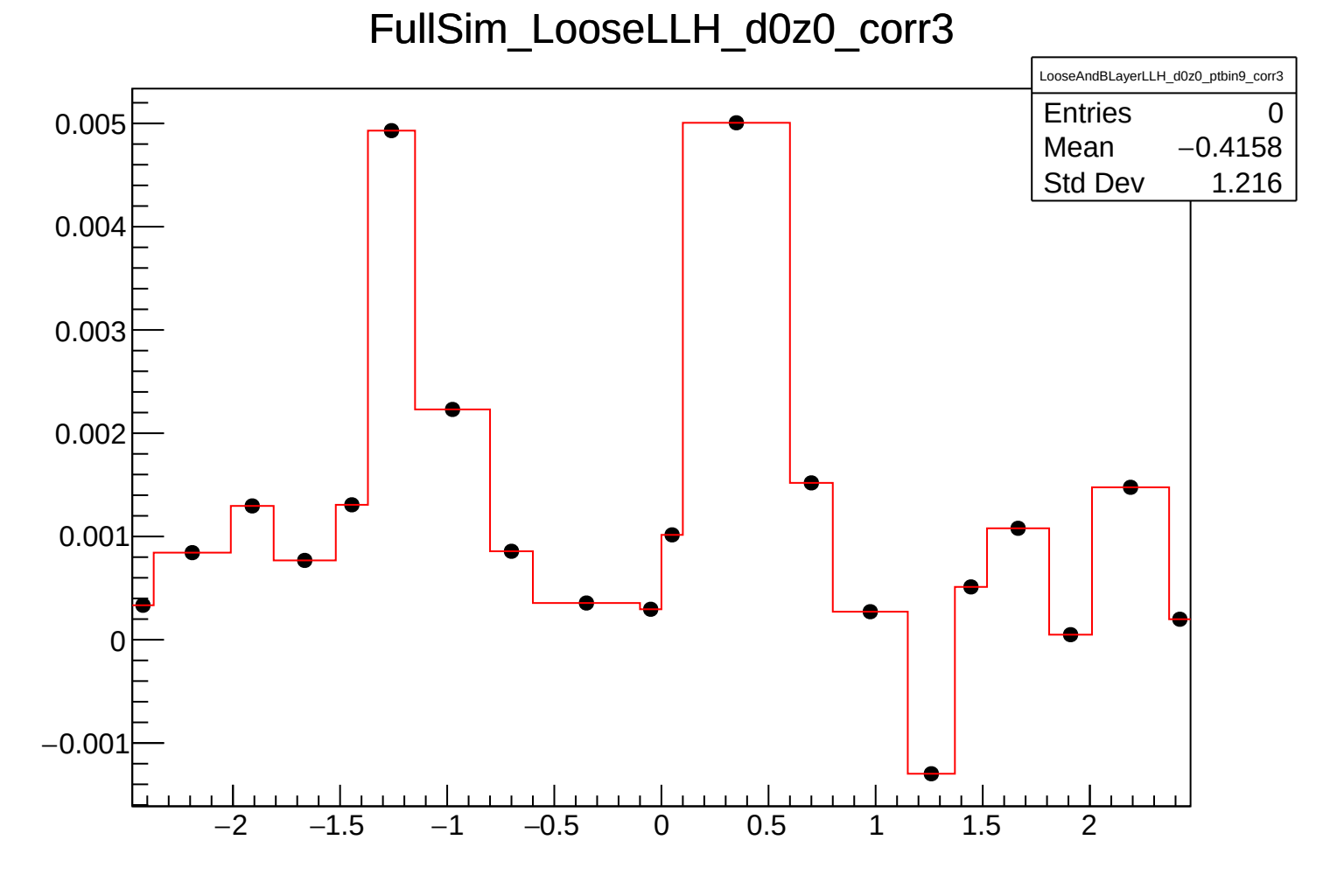
FullSim_LooseLLH_d0z0_corr3
LooseAndBLayerLLH_d0z0_ptbin9_corr3
Entries 0
Mean −0.4158
Std Dev 1.216
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0.004
0.003
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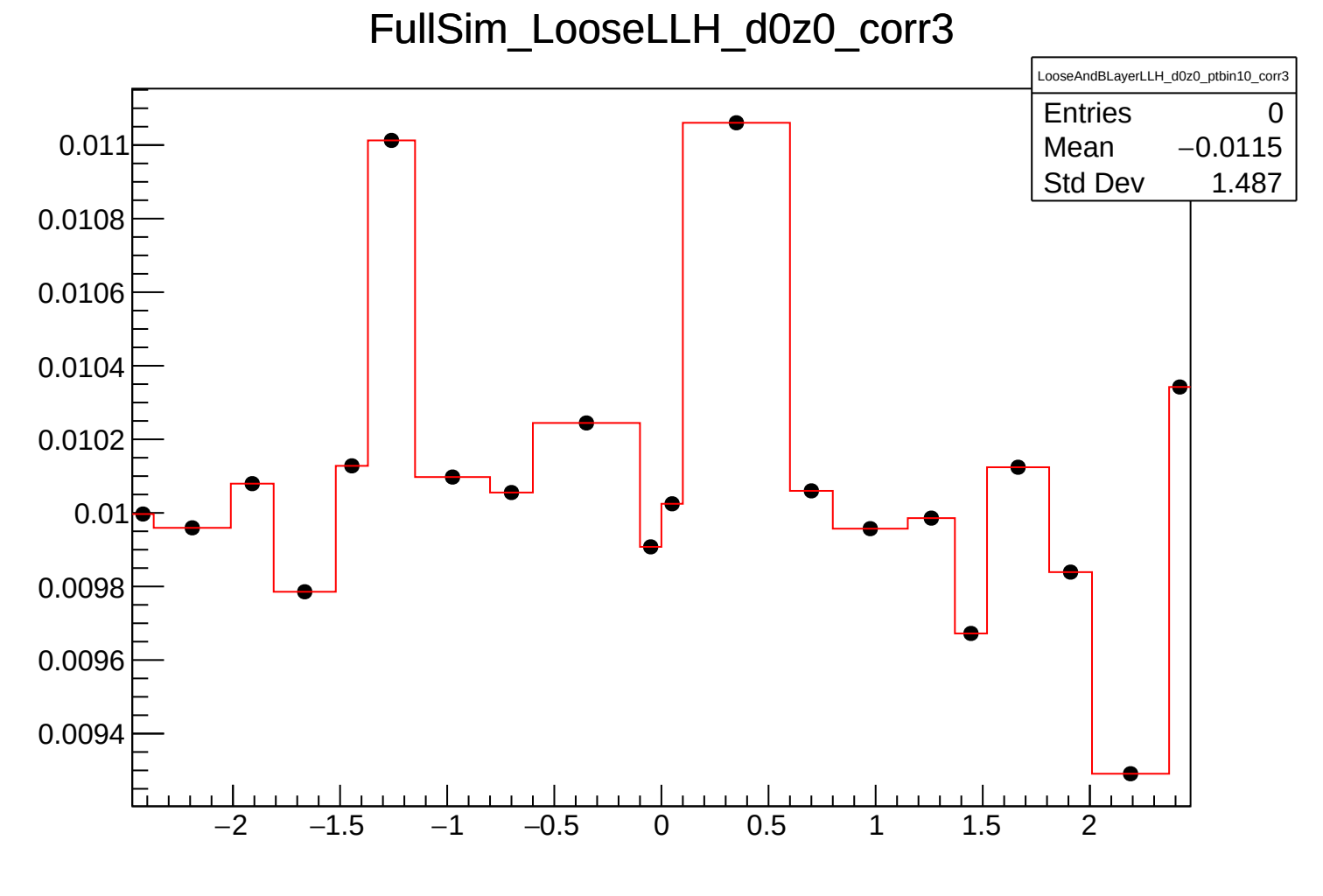
FullSim_LooseLLH_d0z0_corr3
LooseAndBLayerLLH_d0z0_ptbin10_corr3
Entries 0
Mean −0.0115
Std Dev 1.487
0.011
0.0108
0.0106
0.0104
0.0102
0.01
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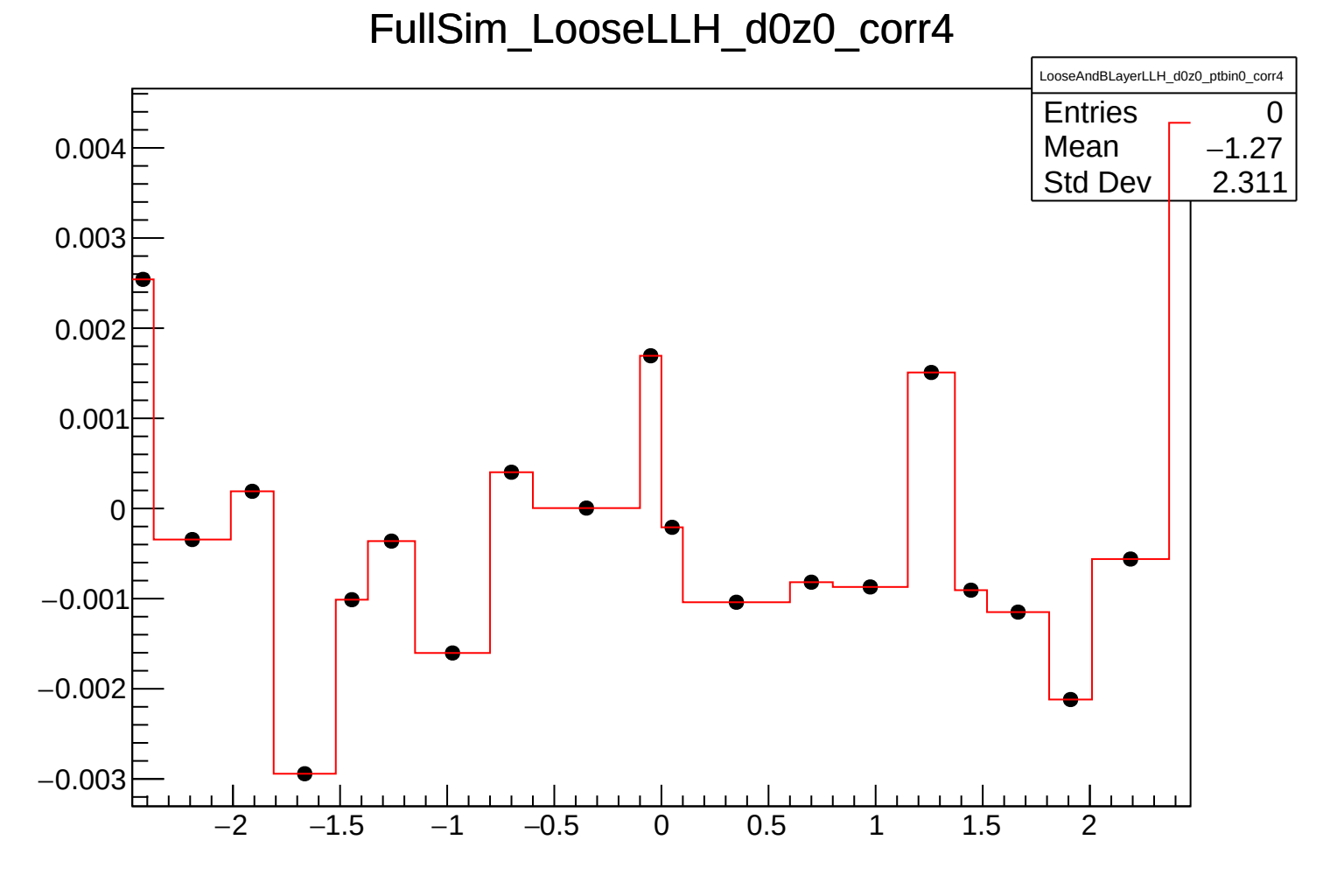
FullSim_LooseLLH_d0z0_corr4
LooseAndBLayerLLH_d0z0_ptbin0_corr4
Entries 0
Mean −1.27
Std Dev 2.311
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0.003
0.002
0.001
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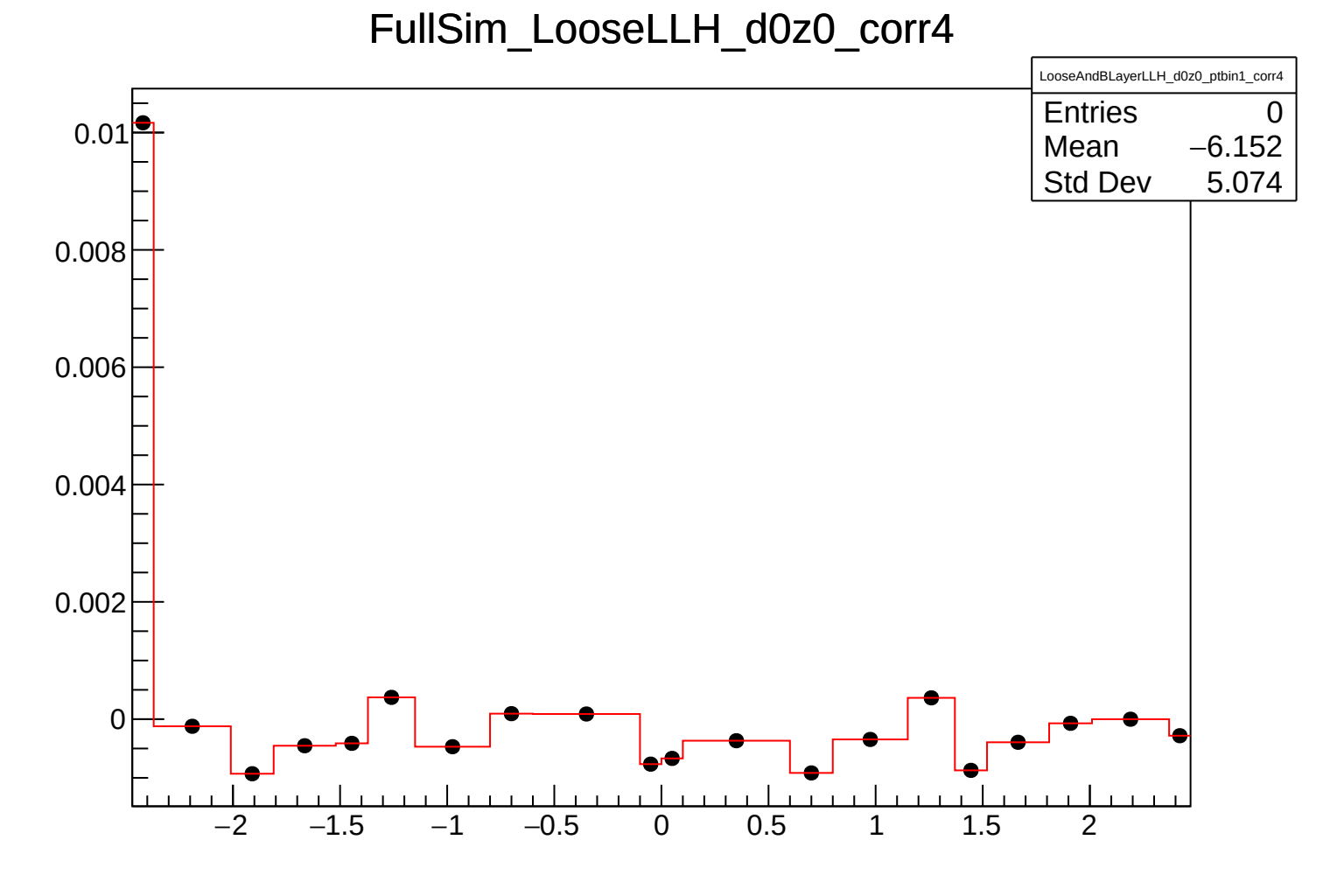
FullSim_LooseLLH_d0z0_corr4
LooseAndBLayerLLH_d0z0_ptbin1_corr4
Entries 0
Mean −6.152
Std Dev 5.074
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0.002
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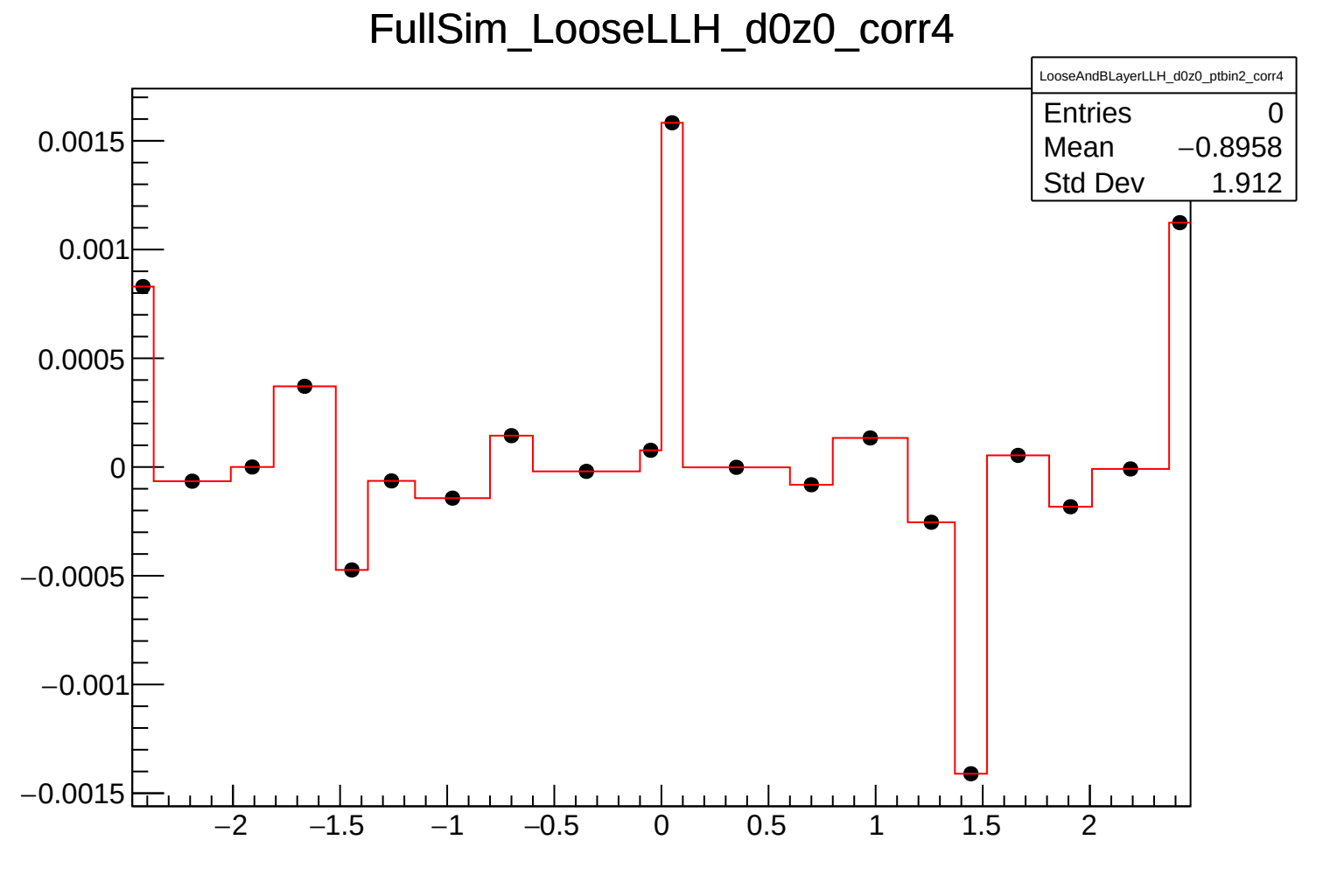
FullSim_LooseLLH_d0z0_corr4
LooseAndBLayerLLH_d0z0_ptbin2_corr4
Entries 0
Mean −0.8958
Std Dev 1.912
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0.001
0.0005
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−0.0015
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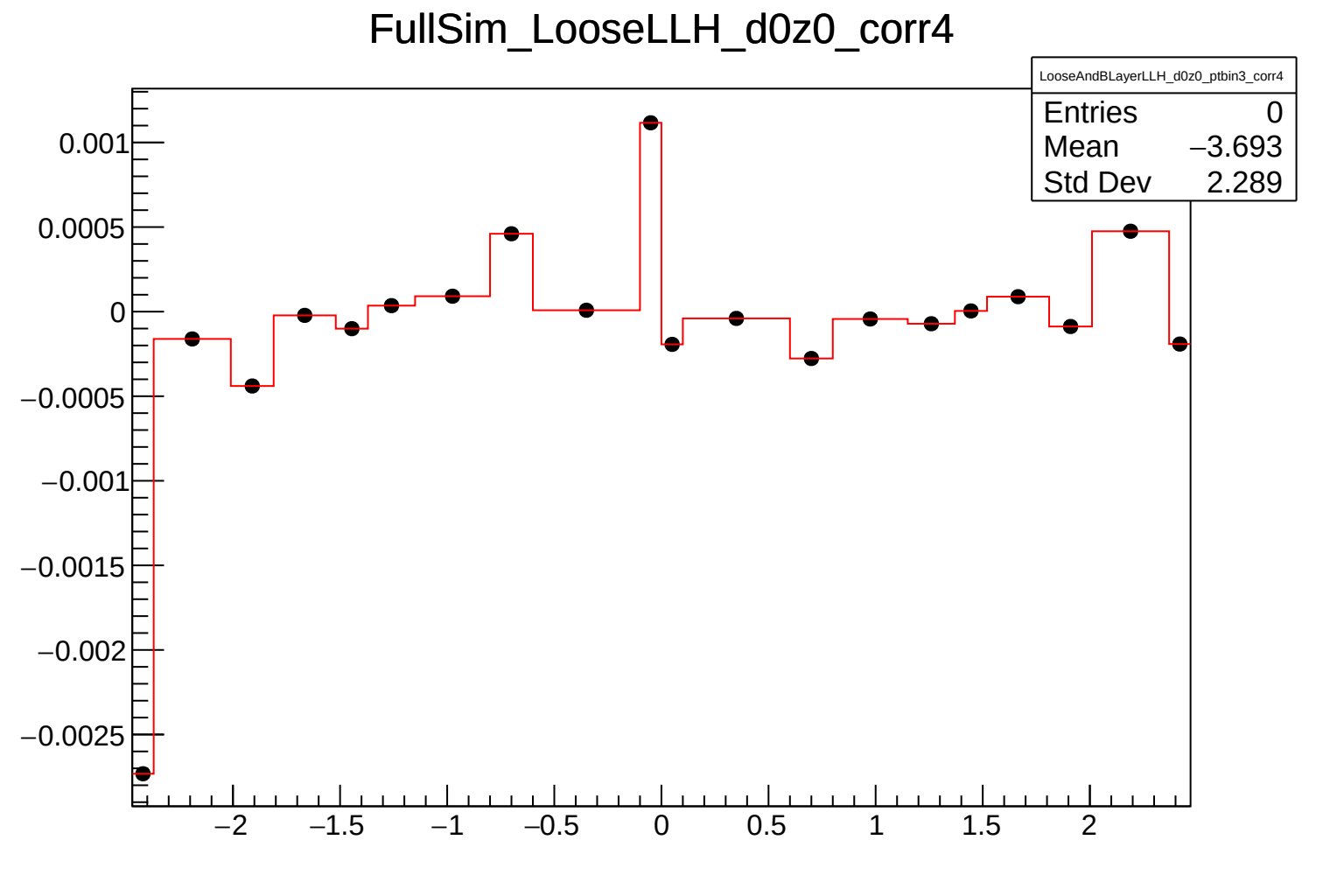
FullSim_LooseLLH_d0z0_corr4
LooseAndBLayerLLH_d0z0_ptbin3_corr4
Entries 0
Mean −3.693
Std Dev 2.289
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−0.0005
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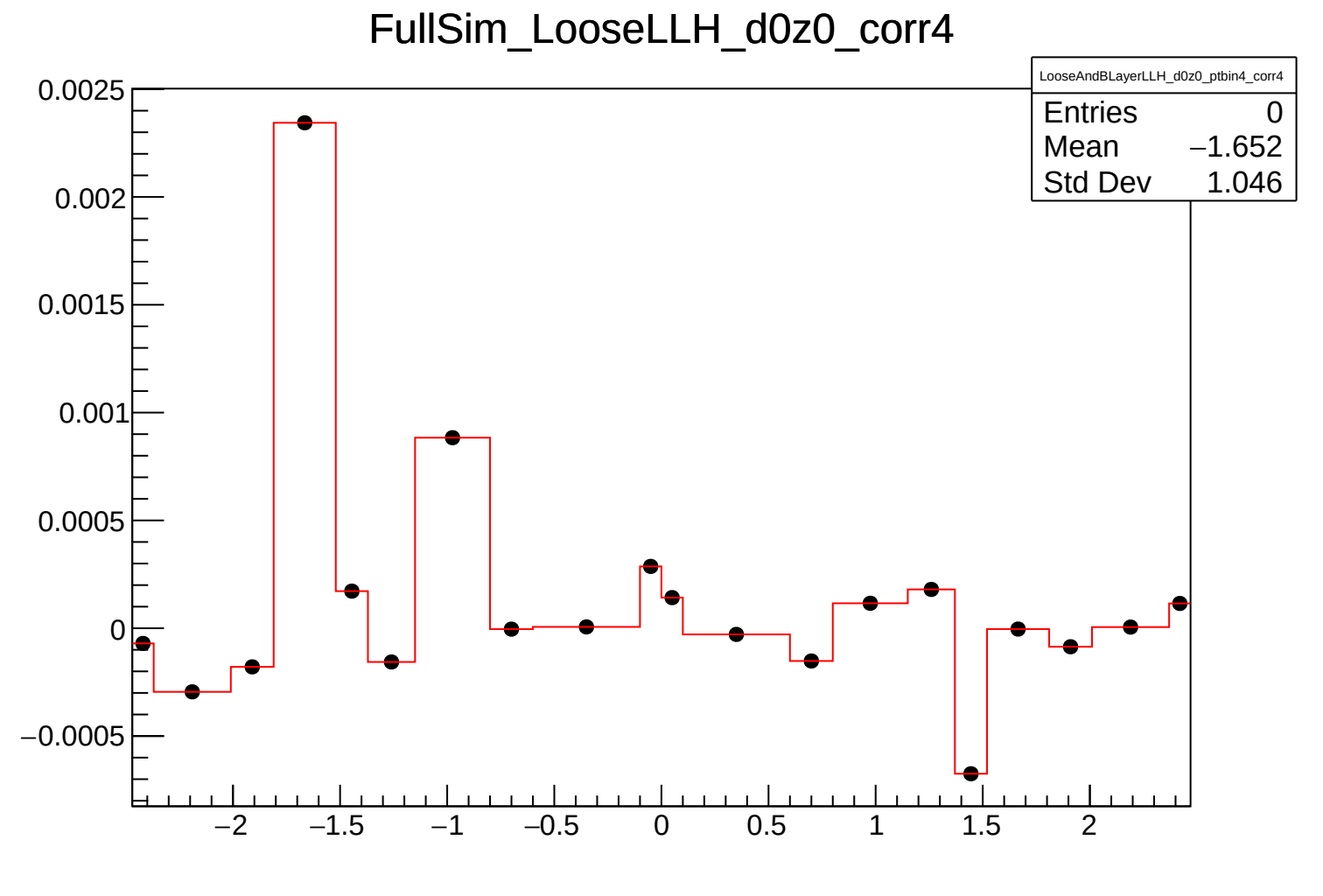
FullSim_LooseLLH_d0z0_corr4
LooseAndBLayerLLH_d0z0_ptbin4_corr4
Entries 0
Mean −1.652
Std Dev 1.046
0.0025
0.002
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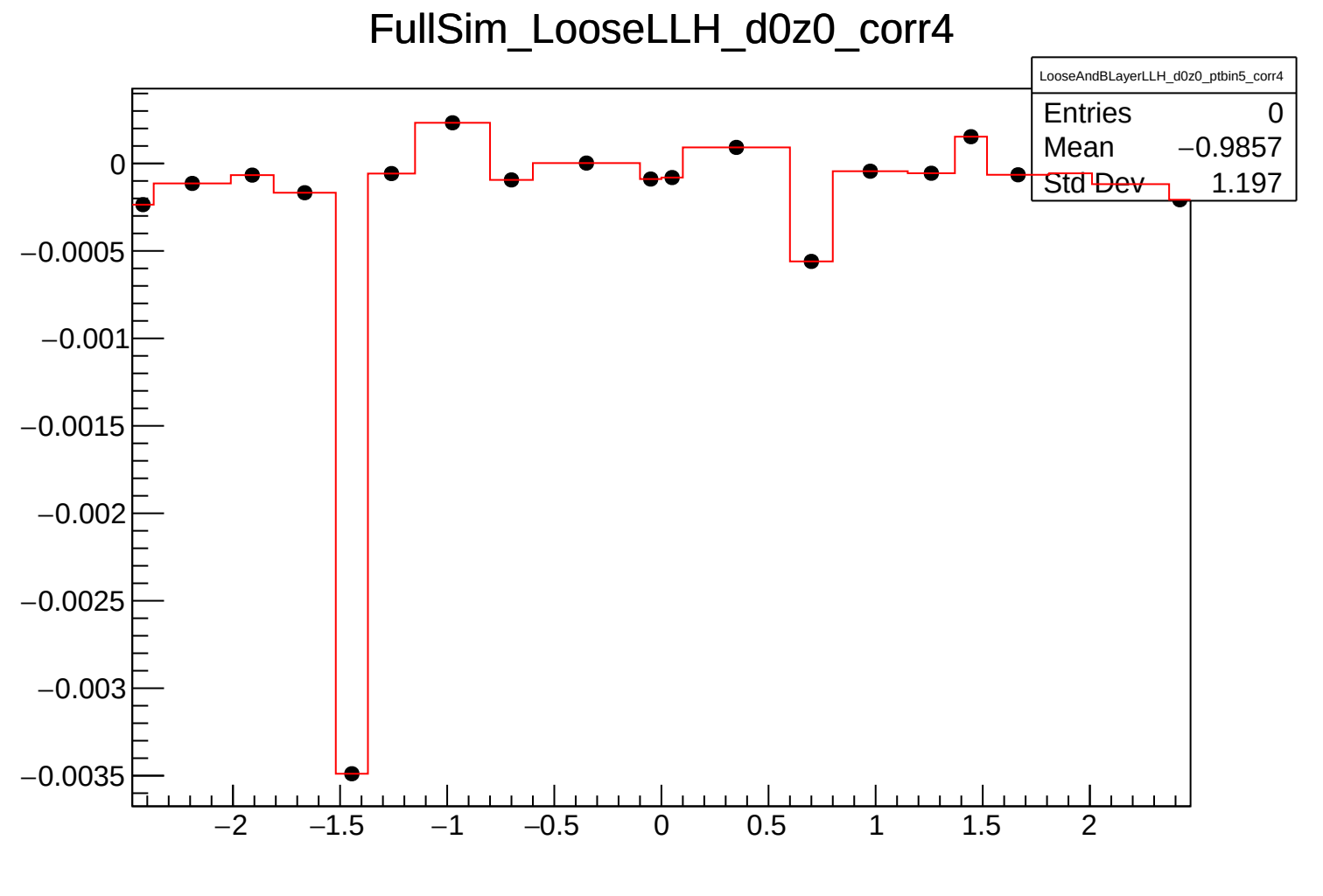
FullSim_LooseLLH_d0z0_corr4
LooseAndBLayerLLH_d0z0_ptbin5_corr4
Entries 0
Mean −0.9857
Std Dev 1.197
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−0.0005
−0.001
−0.0015
−0.002
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−0.0035
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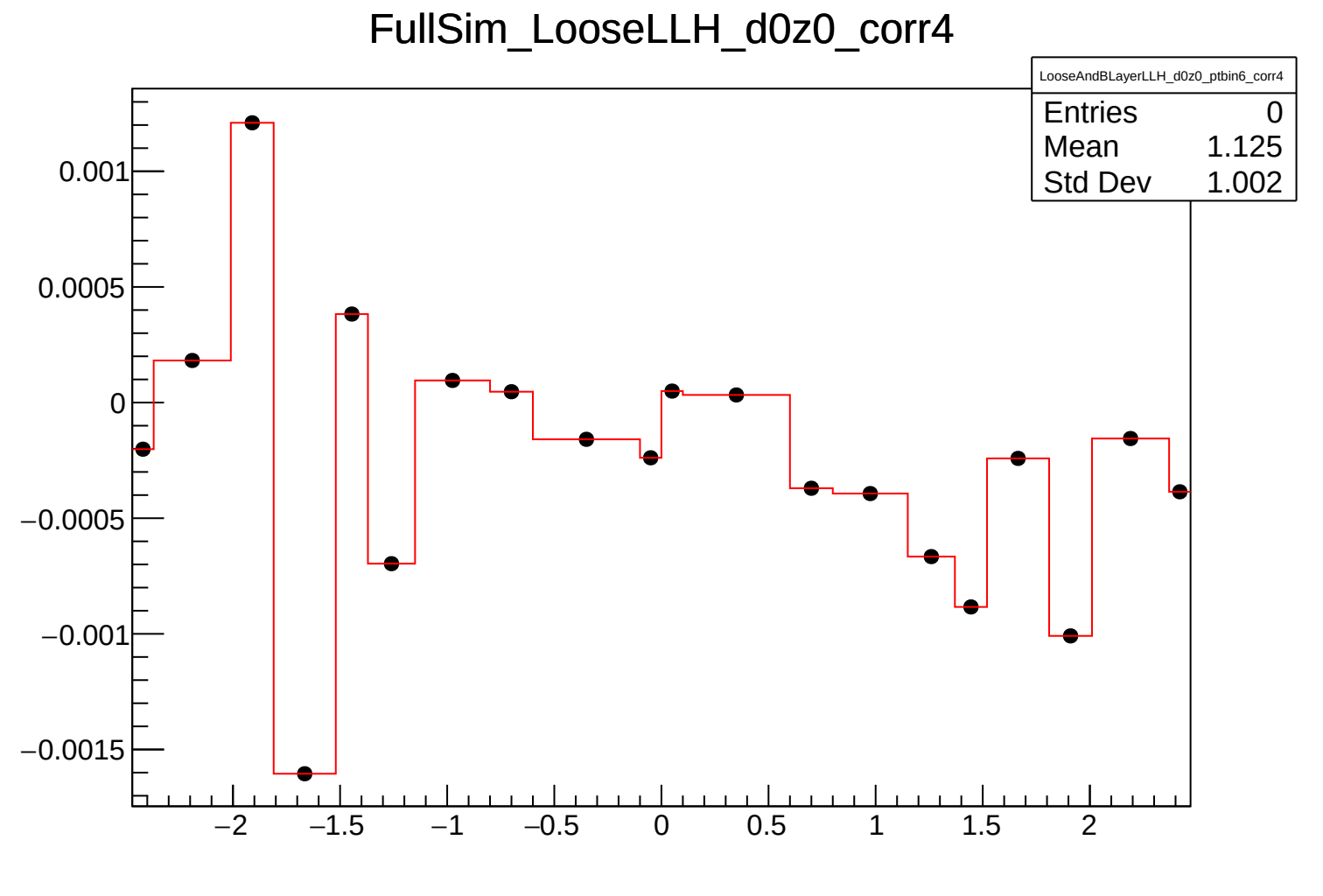
FullSim_LooseLLH_d0z0_corr4
LooseAndBLayerLLH_d0z0_ptbin6_corr4
Entries 0
Mean 1.125
Std Dev 1.002
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0.0005
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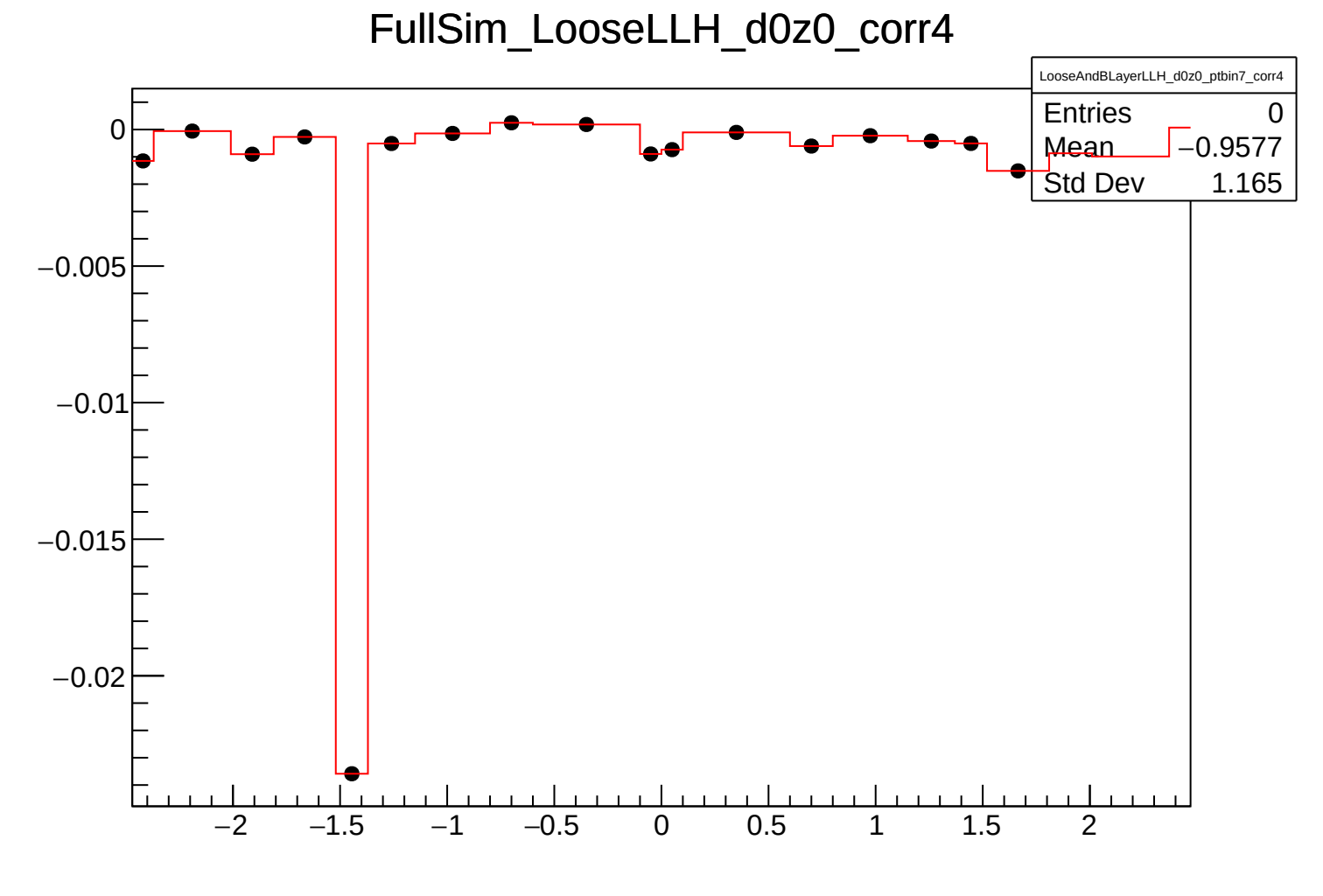
FullSim_LooseLLH_d0z0_corr4
LooseAndBLayerLLH_d0z0_ptbin7_corr4
Entries 0
Mean −0.9577
Std Dev 1.165
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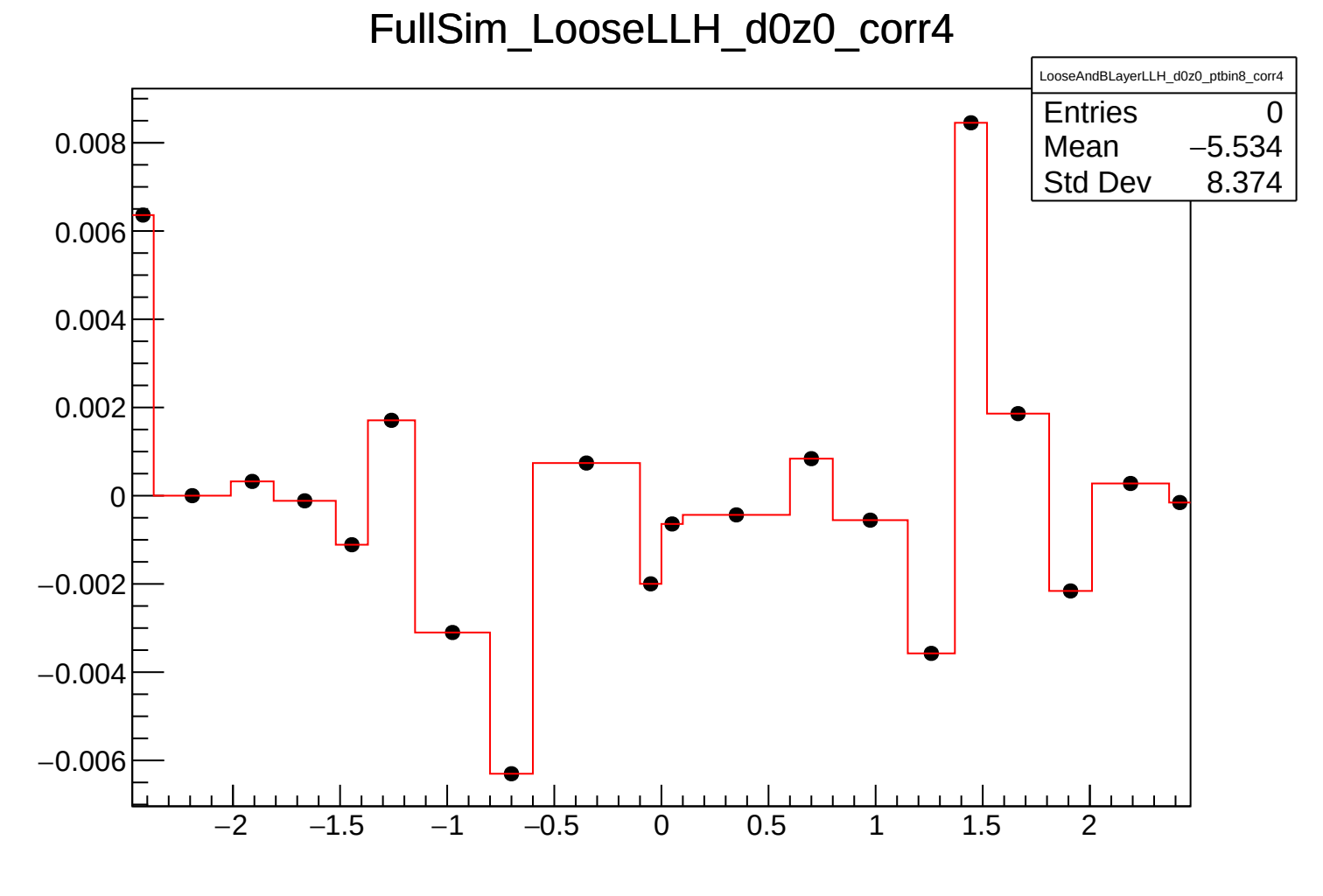
FullSim_LooseLLH_d0z0_corr4
LooseAndBLayerLLH_d0z0_ptbin8_corr4
Entries 0
Mean −5.534
Std Dev 8.374
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0.006
0.004
0.002
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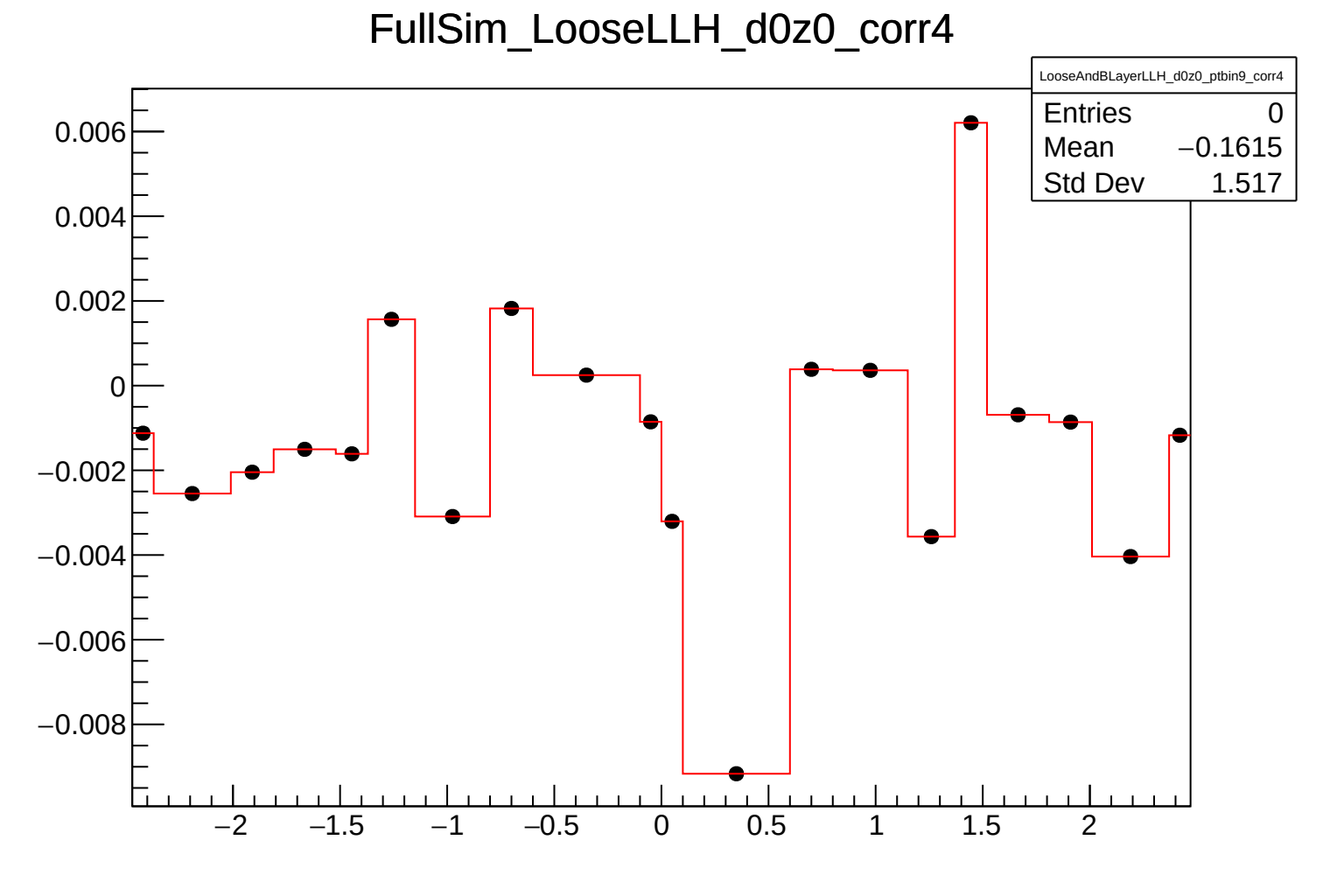
FullSim_LooseLLH_d0z0_corr4
LooseAndBLayerLLH_d0z0_ptbin9_corr4
Entries 0
Mean −0.1615
Std Dev 1.517
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0.002
0
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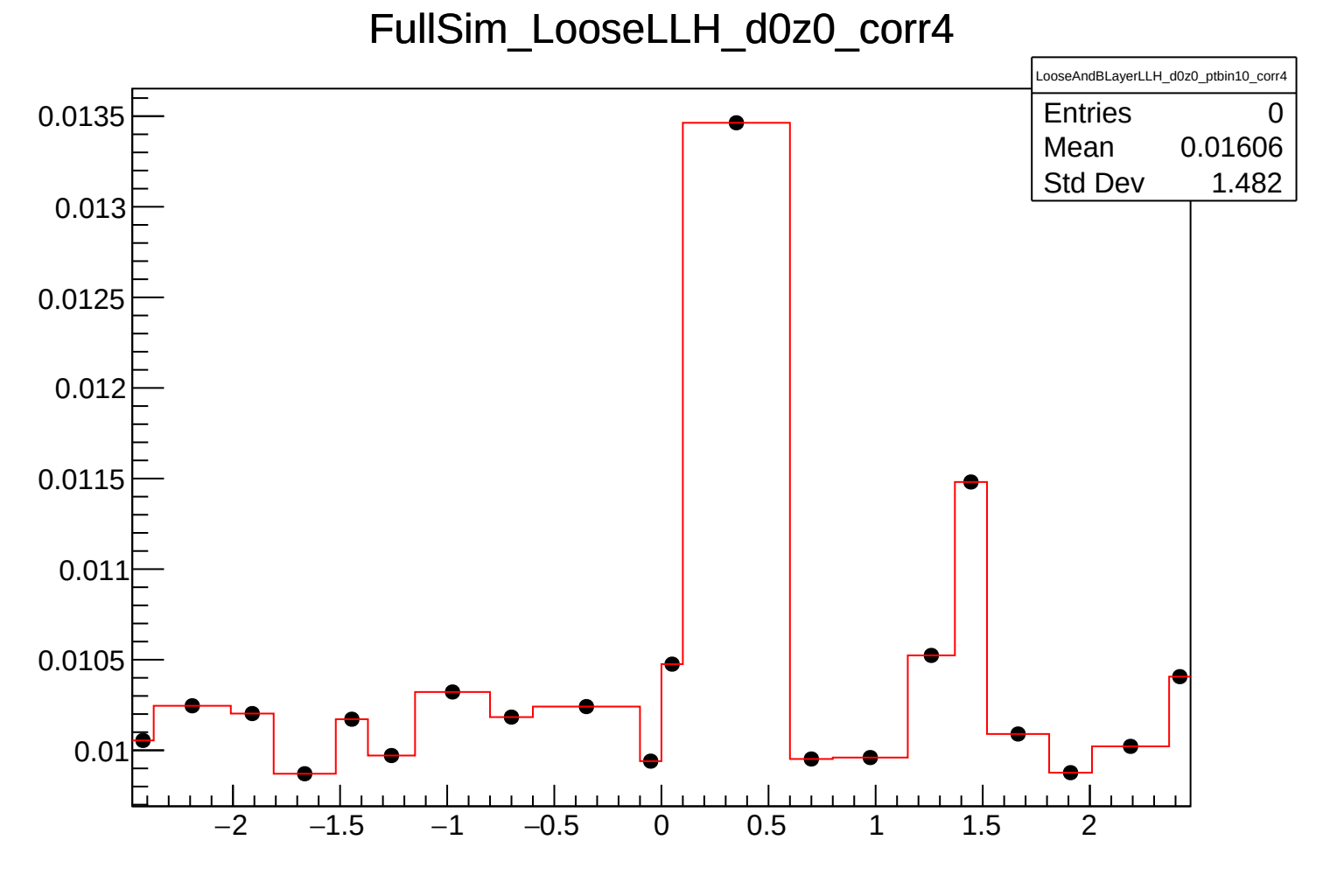
FullSim_LooseLLH_d0z0_corr4
LooseAndBLayerLLH_d0z0_ptbin10_corr4
Entries 0
Mean 0.01606
Std Dev 1.482
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0.013
0.0125
0.012
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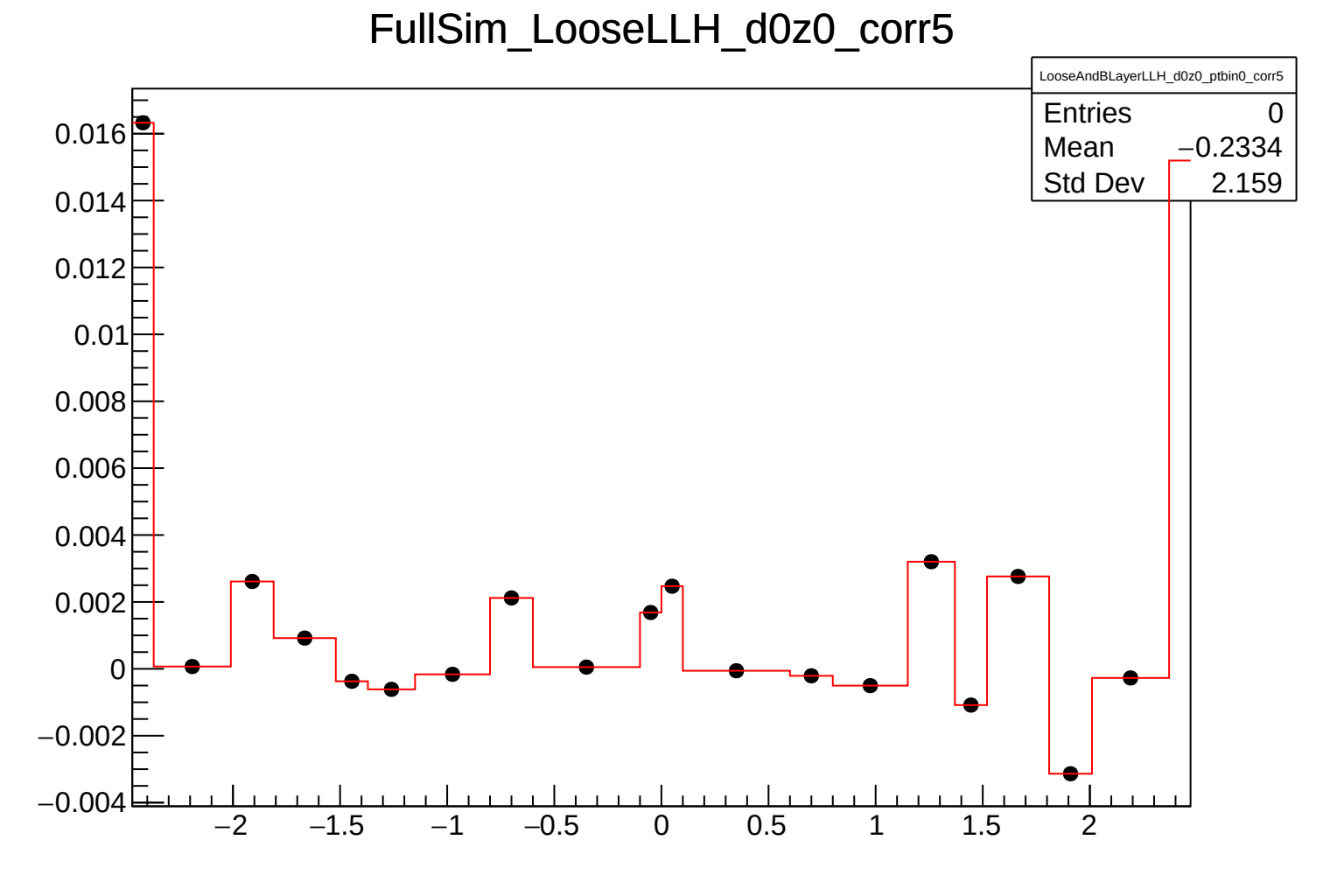
FullSim_LooseLLH_d0z0_corr5
LooseAndBLayerLLH_d0z0_ptbin0_corr5
Entries 0
Mean −0.2334
Std Dev 2.159
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0.014
0.012
0.01
0.008
0.006
0.004
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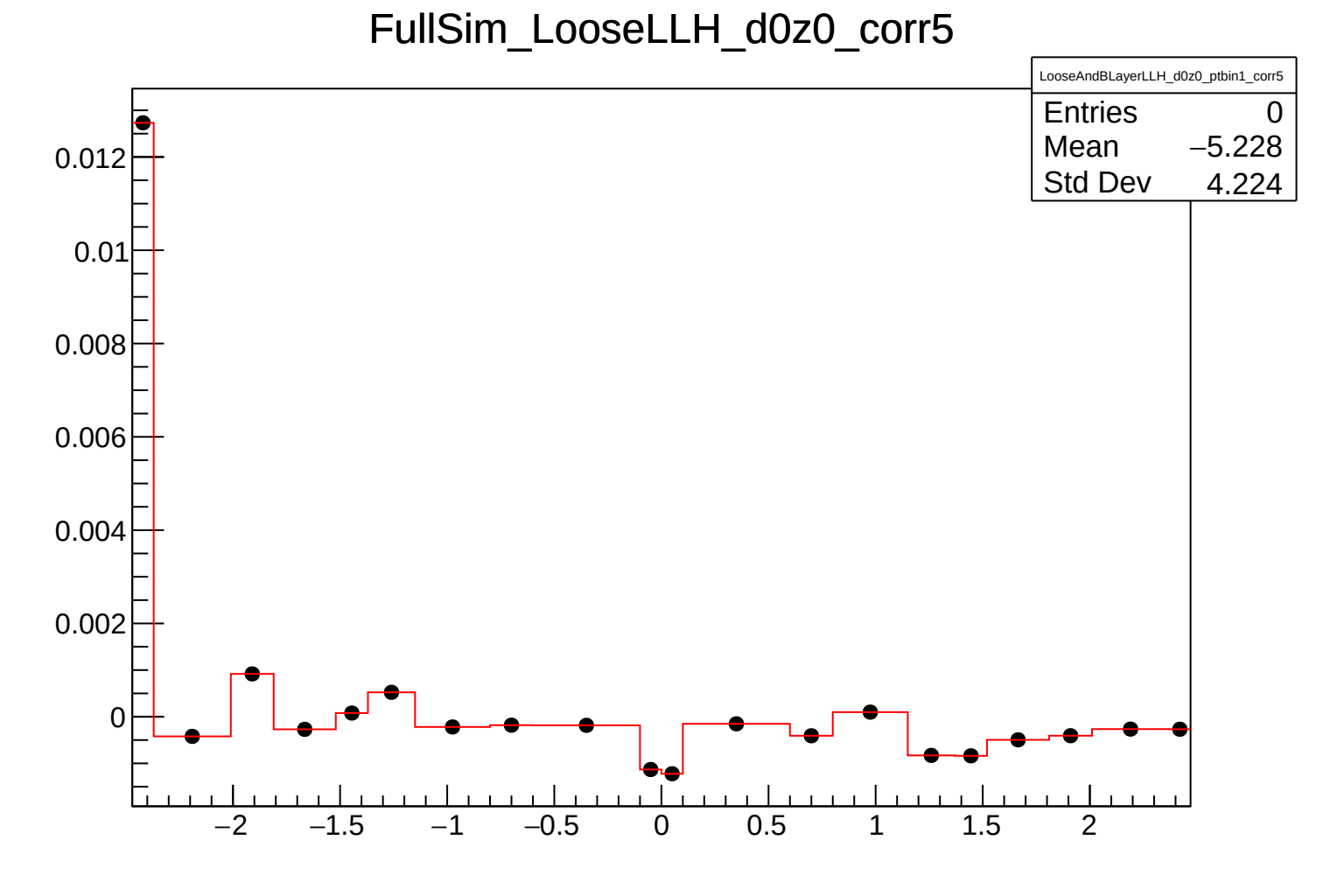
FullSim_LooseLLH_d0z0_corr5
LooseAndBLayerLLH_d0z0_ptbin1_corr5
Entries 0
Mean −5.228
Std Dev 4.224
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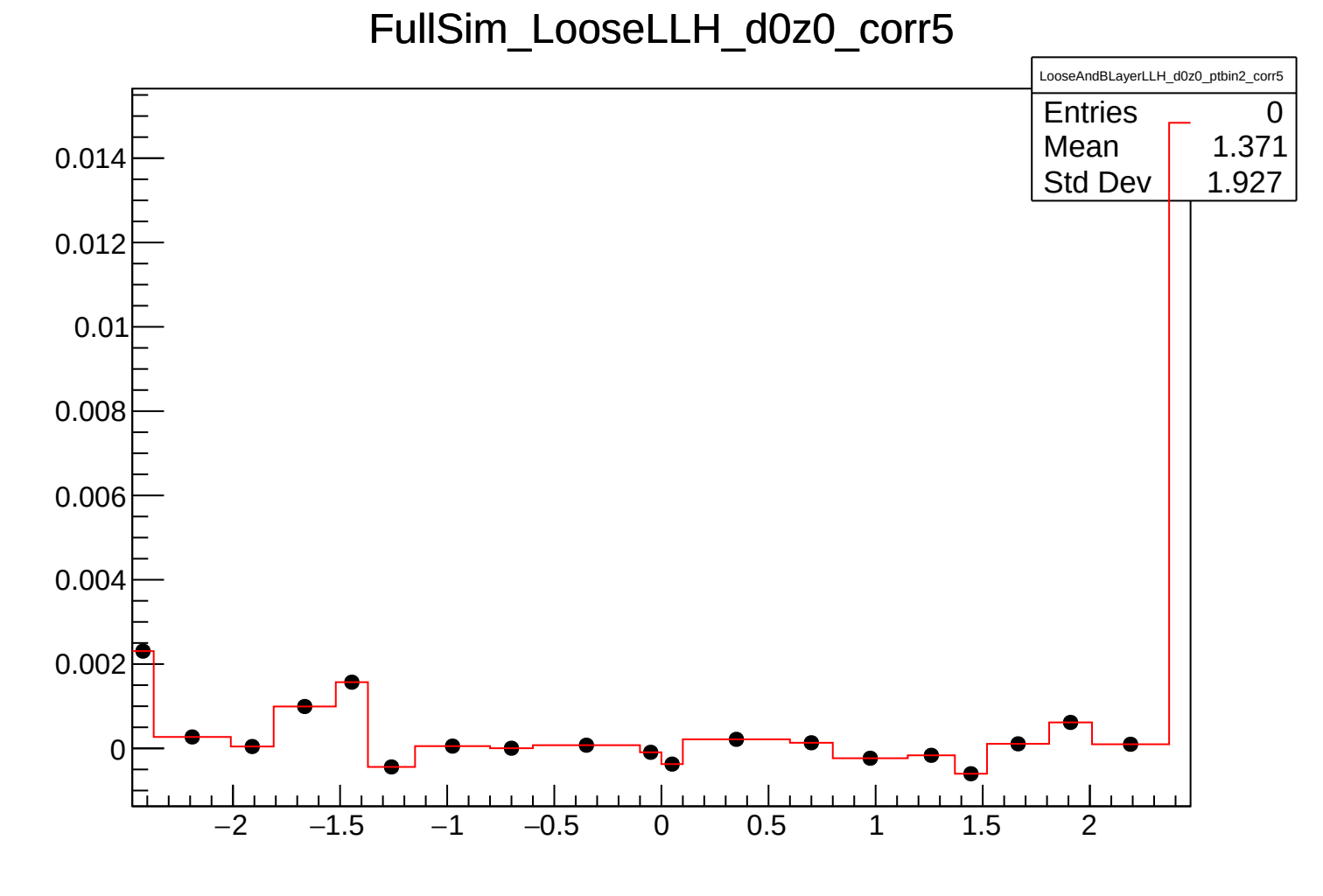
FullSim_LooseLLH_d0z0_corr5
LooseAndBLayerLLH_d0z0_ptbin2_corr5
Entries 0
Mean 1.371
Std Dev 1.927
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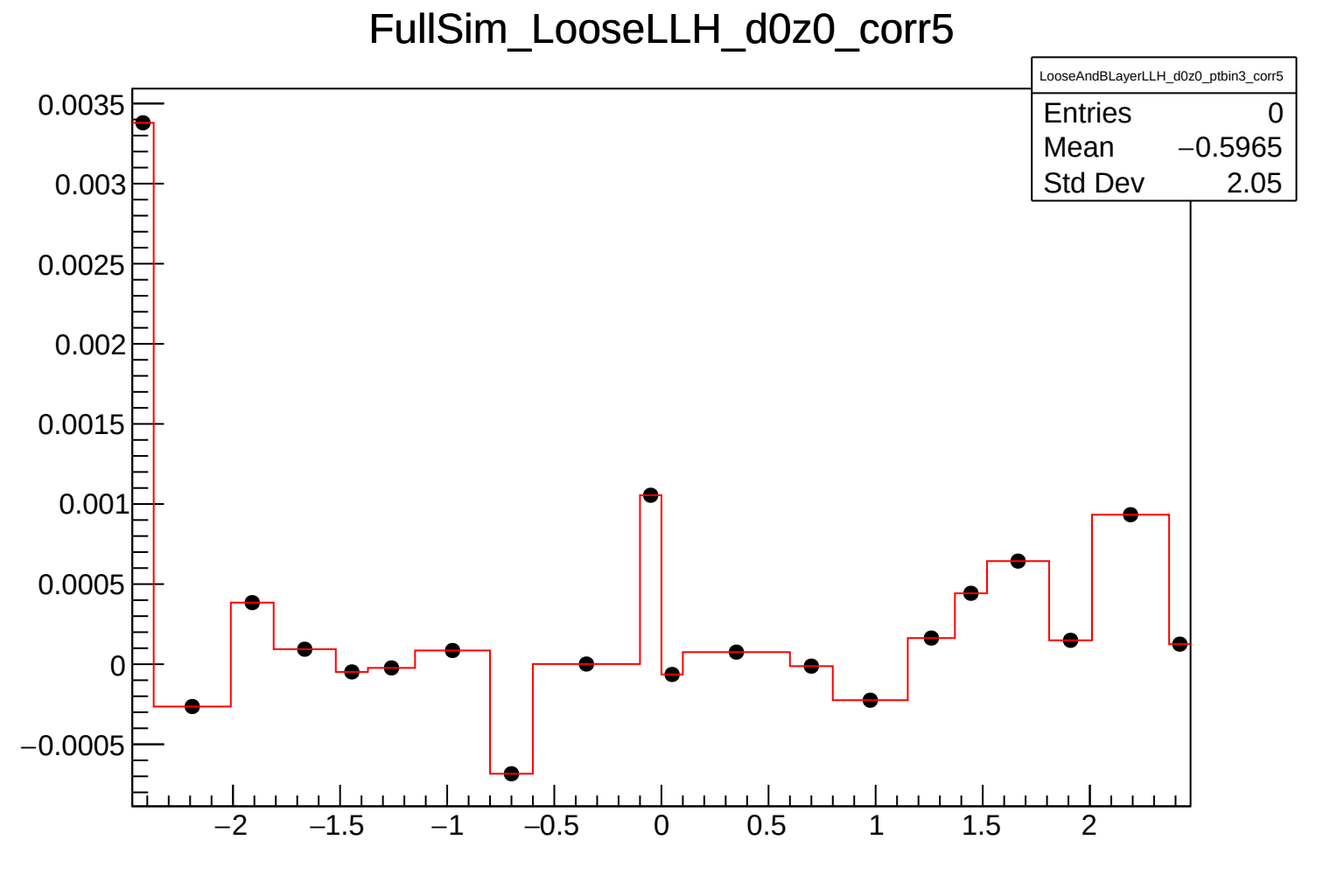
FullSim_LooseLLH_d0z0_corr5
LooseAndBLayerLLH_d0z0_ptbin3_corr5
Entries 0
Mean −0.5965
Std Dev 2.05
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0.003
0.0025
0.002
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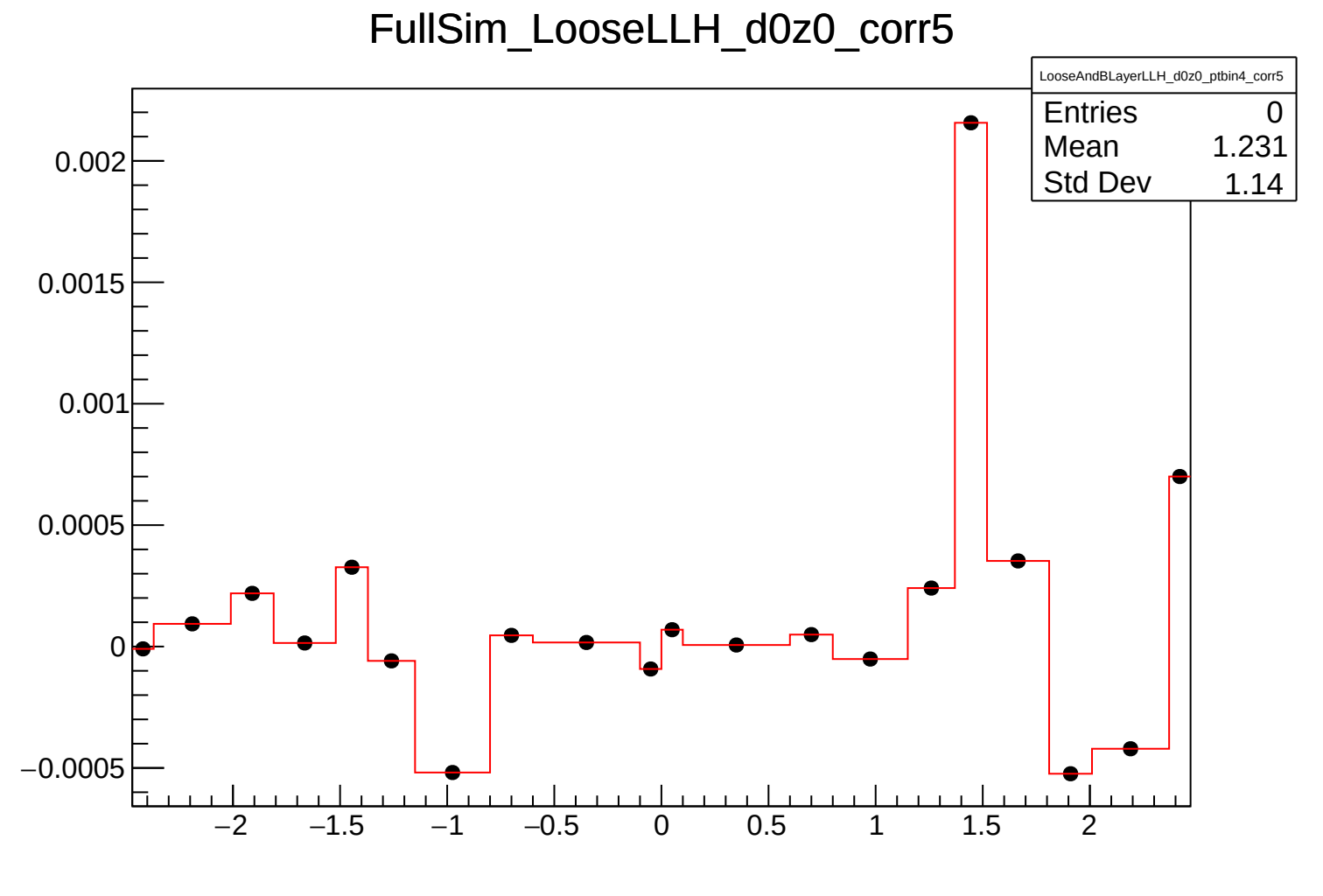
FullSim_LooseLLH_d0z0_corr5
LooseAndBLayerLLH_d0z0_ptbin4_corr5
Entries 0
Mean 1.231
Std Dev 1.14
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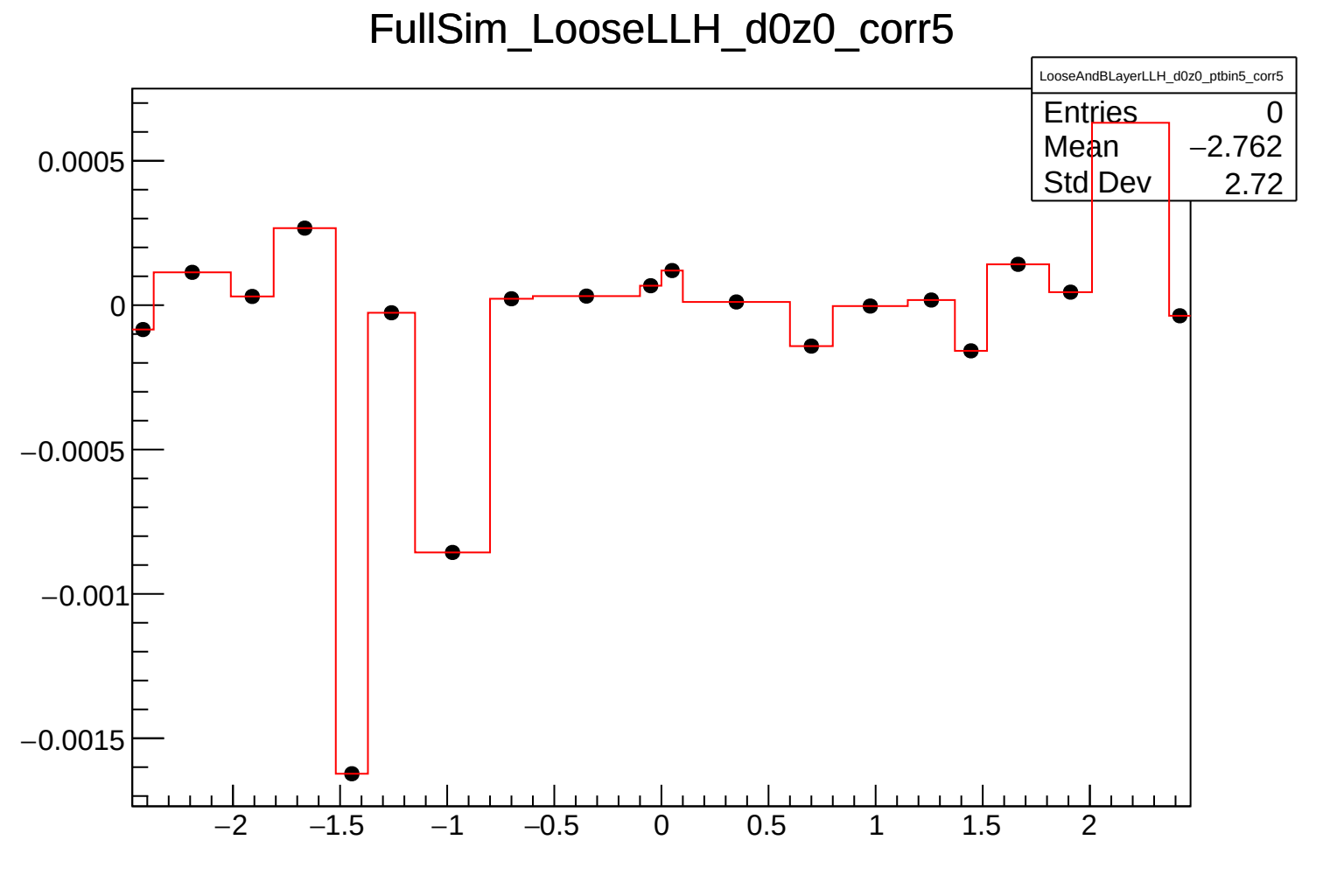
FullSim_LooseLLH_d0z0_corr5
LooseAndBLayerLLH_d0z0_ptbin5_corr5
Entries 0
Mean −2.762
Std Dev 2.72
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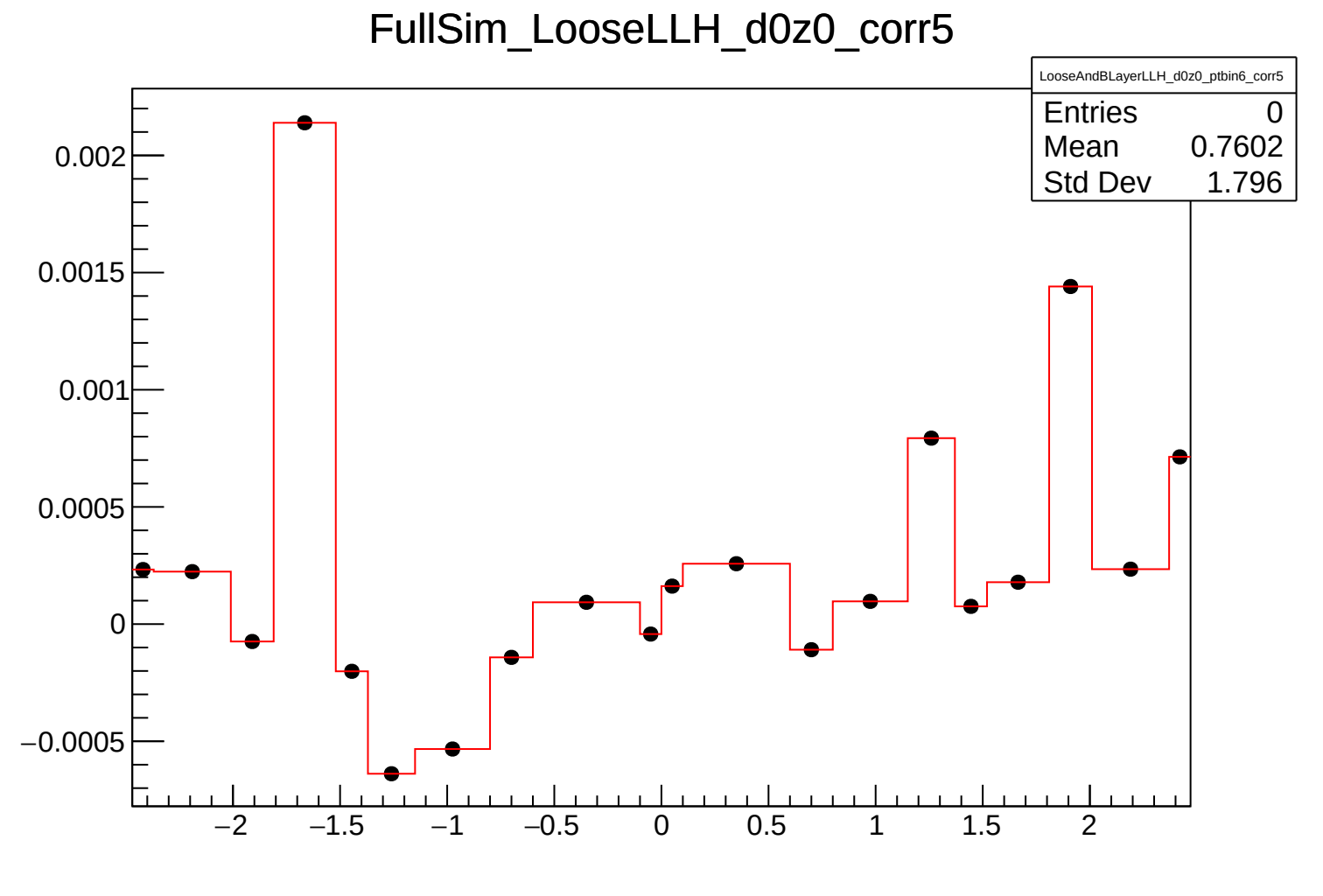
FullSim_LooseLLH_d0z0_corr5
LooseAndBLayerLLH_d0z0_ptbin6_corr5
Entries 0
Mean 0.7602
Std Dev 1.796
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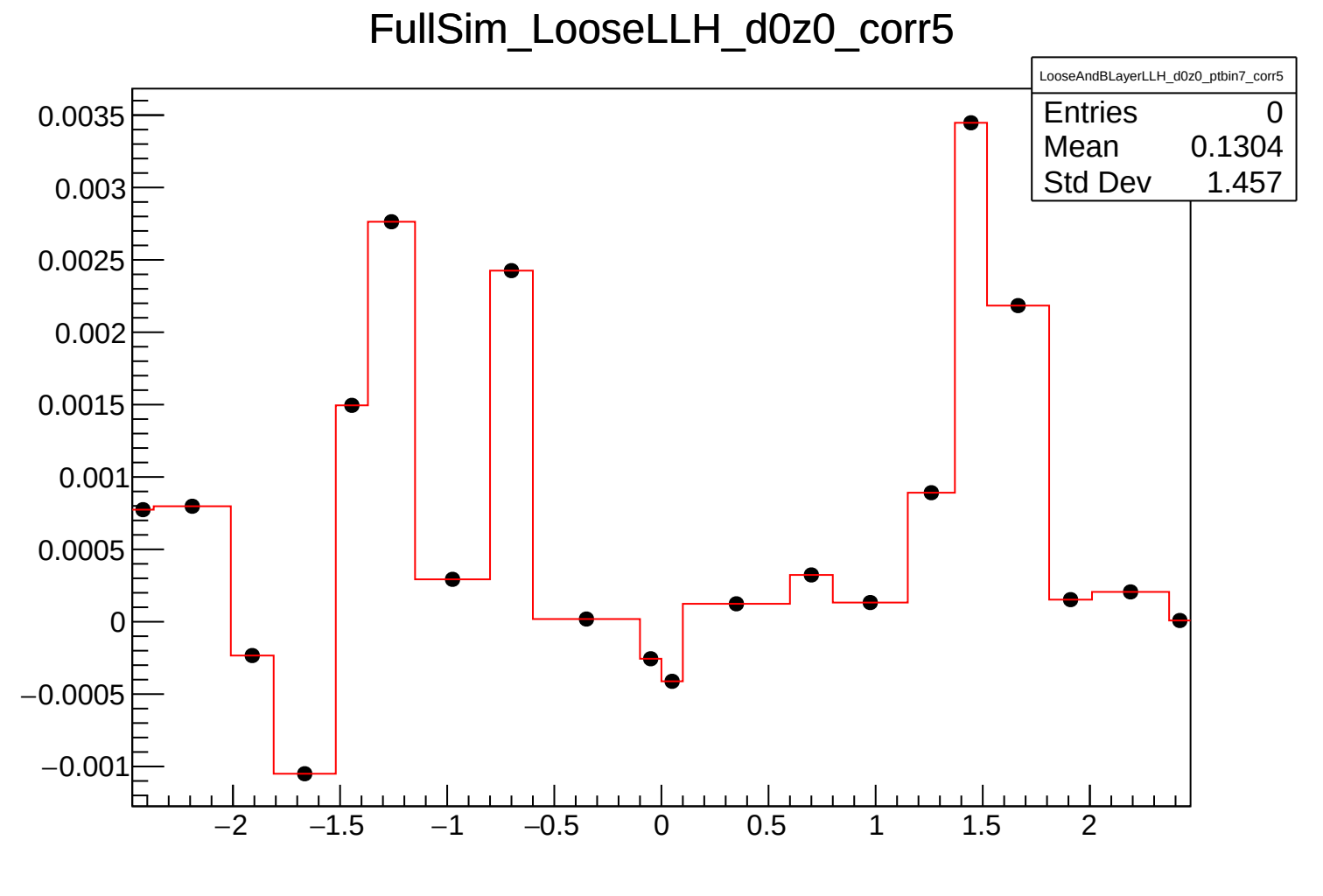
FullSim_LooseLLH_d0z0_corr5
LooseAndBLayerLLH_d0z0_ptbin7_corr5
Entries 0
Mean 0.1304
Std Dev 1.457
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0.002
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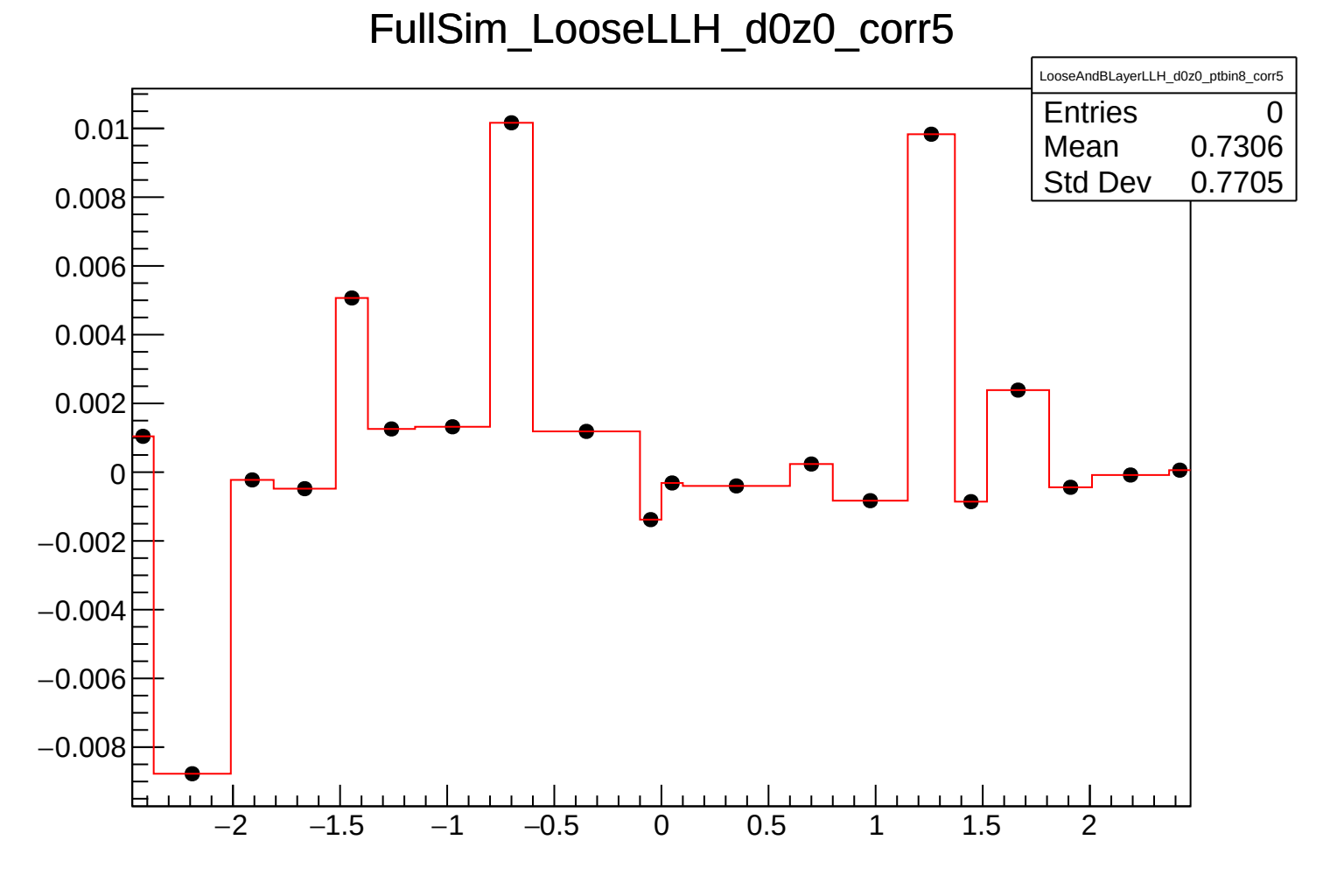
FullSim_LooseLLH_d0z0_corr5
LooseAndBLayerLLH_d0z0_ptbin8_corr5
Entries 0
Mean 0.7306
Std Dev 0.7705
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0.006
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0.002
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−0.002
−0.004
−0.006
−0.008
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−1
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0.5
1
1.5
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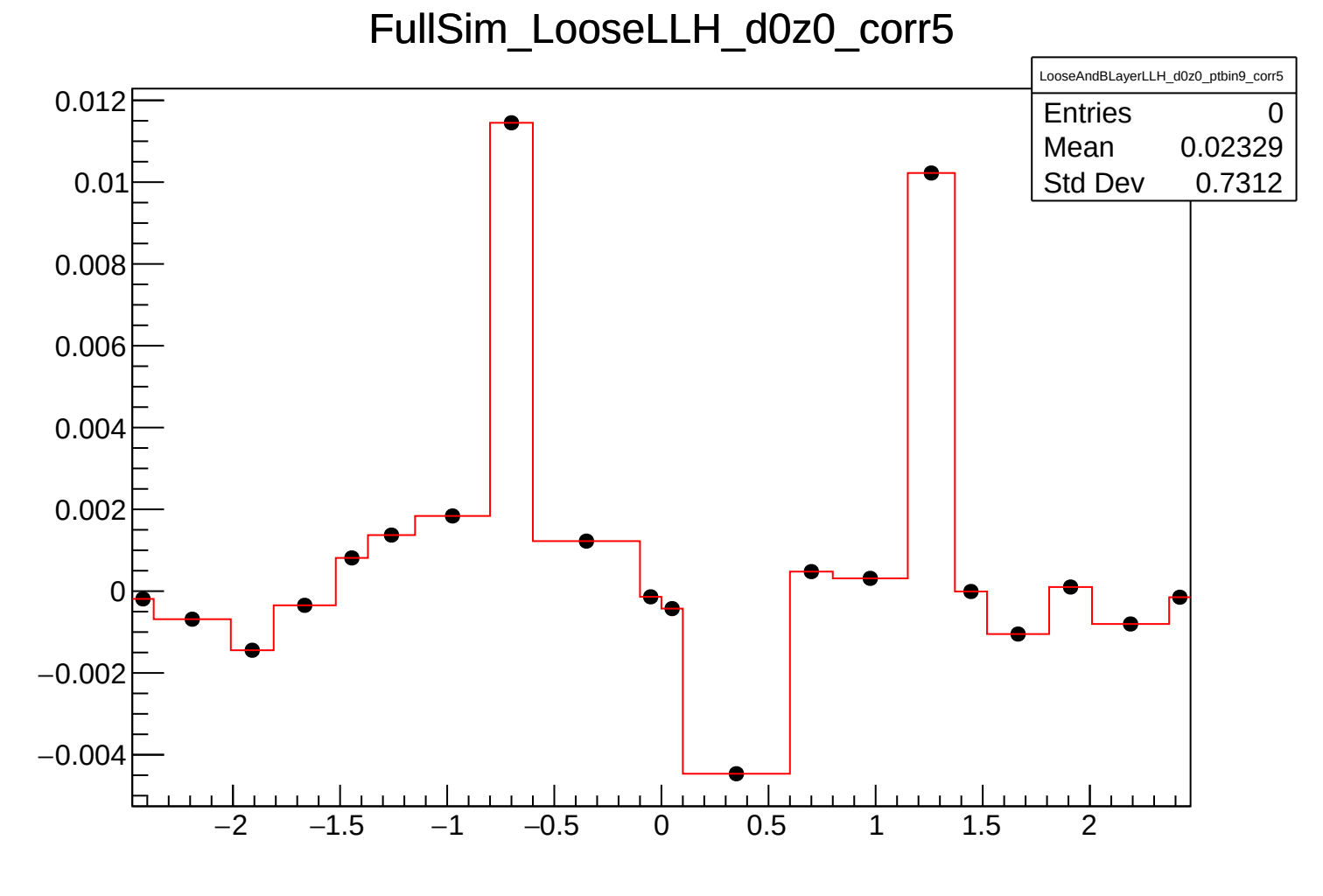
FullSim_LooseLLH_d0z0_corr5
LooseAndBLayerLLH_d0z0_ptbin9_corr5
Entries 0
Mean 0.02329
Std Dev 0.7312
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0.01
0.008
0.006
0.004
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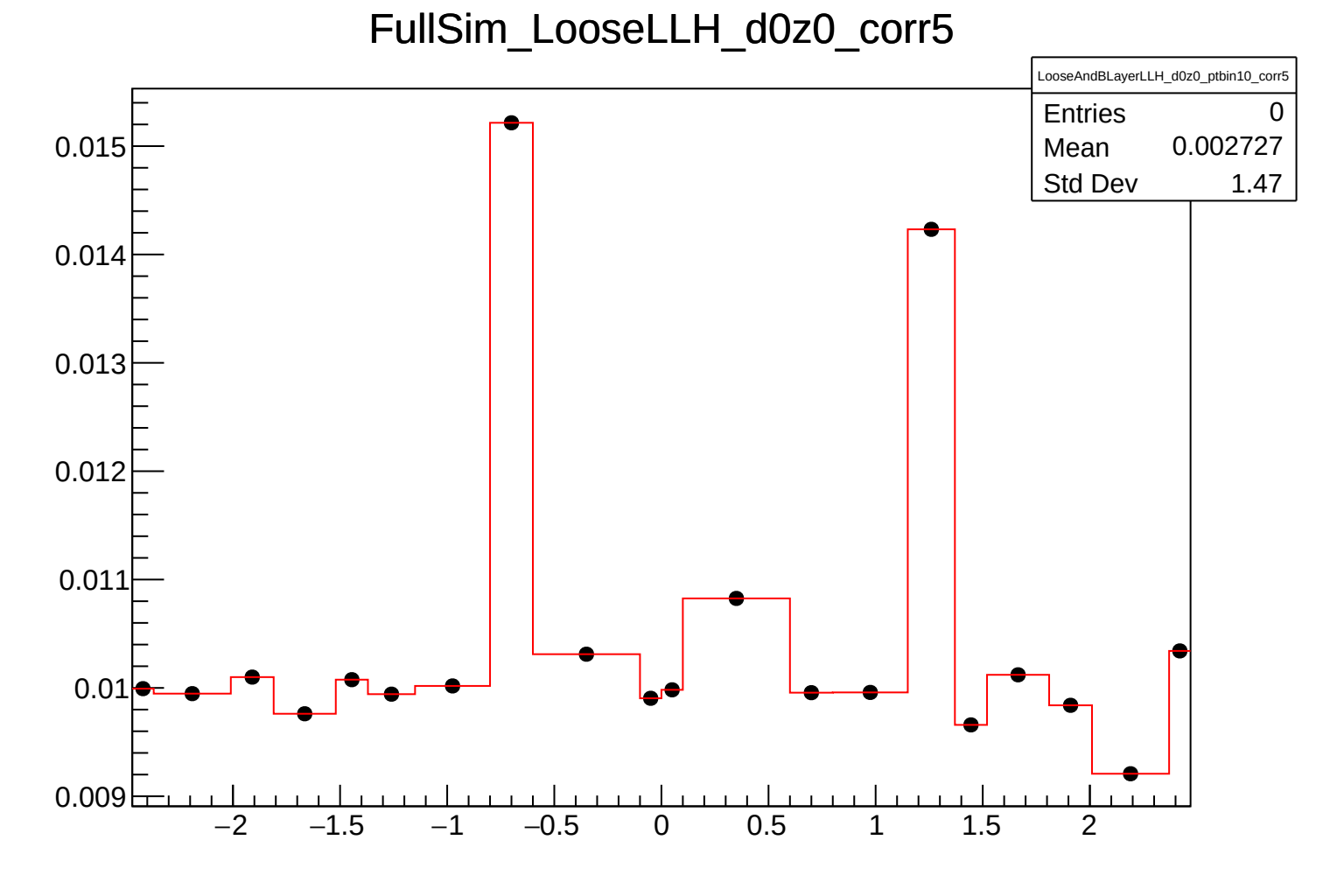
FullSim_LooseLLH_d0z0_corr5
LooseAndBLayerLLH_d0z0_ptbin10_corr5
Entries 0
Mean 0.002727
Std Dev 1.47
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0.014
0.013
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0.01
0.009
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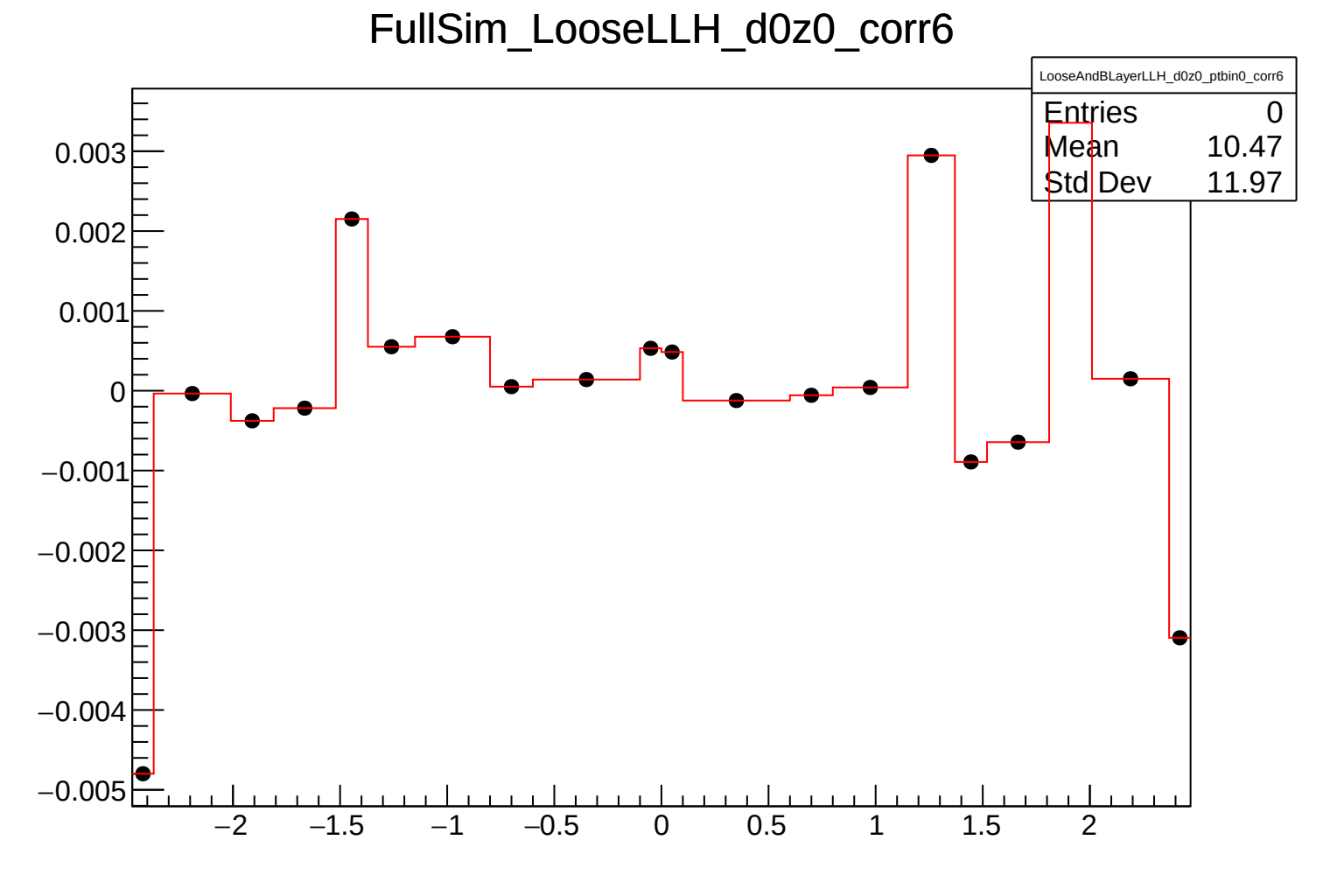
FullSim_LooseLLH_d0z0_corr6
LooseAndBLayerLLH_d0z0_ptbin0_corr6
Entries 0
Mean 10.47
Std Dev 11.97
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0.002
0.001
0
−0.001
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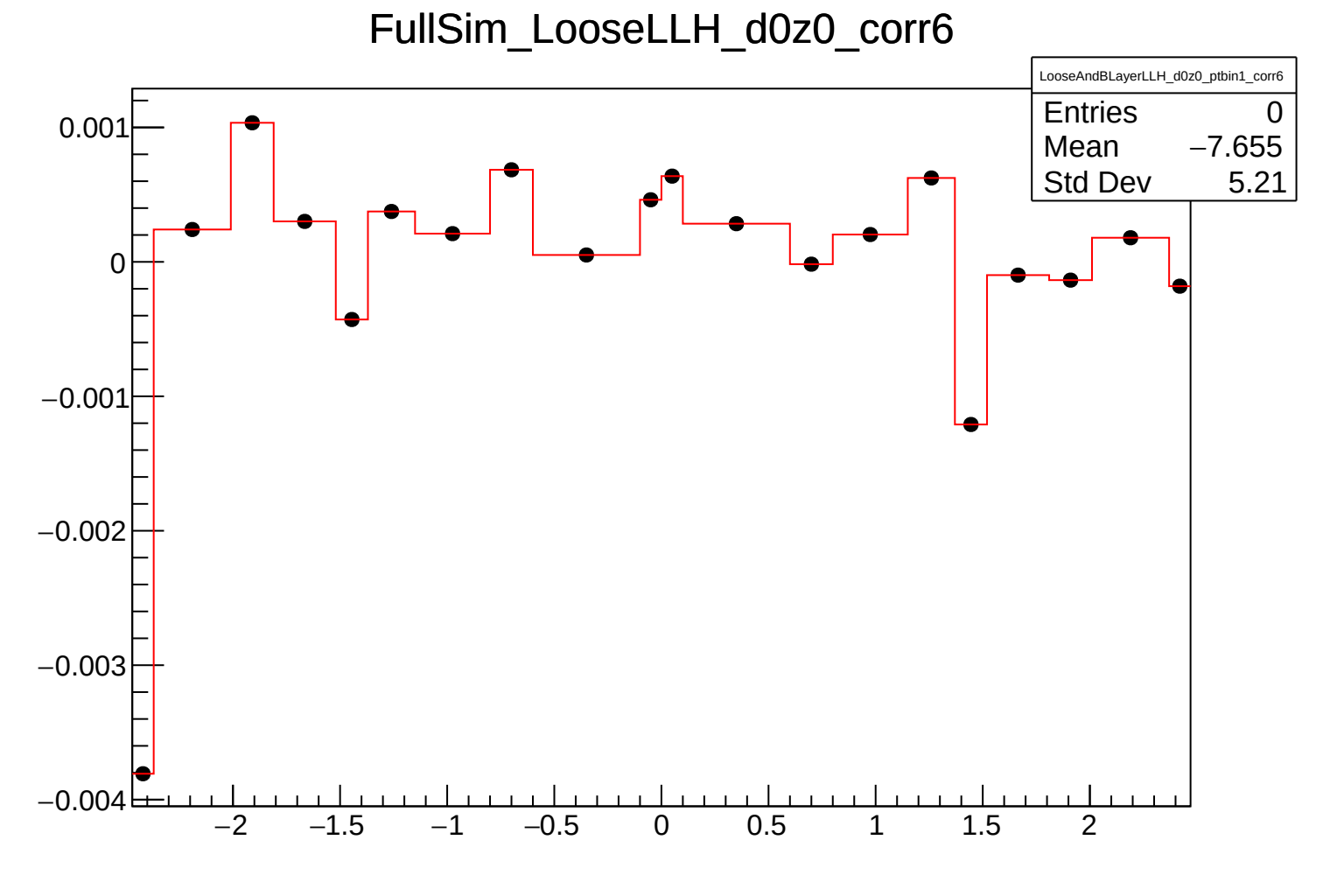
FullSim_LooseLLH_d0z0_corr6
LooseAndBLayerLLH_d0z0_ptbin1_corr6
Entries 0
Mean −7.655
Std Dev 5.21
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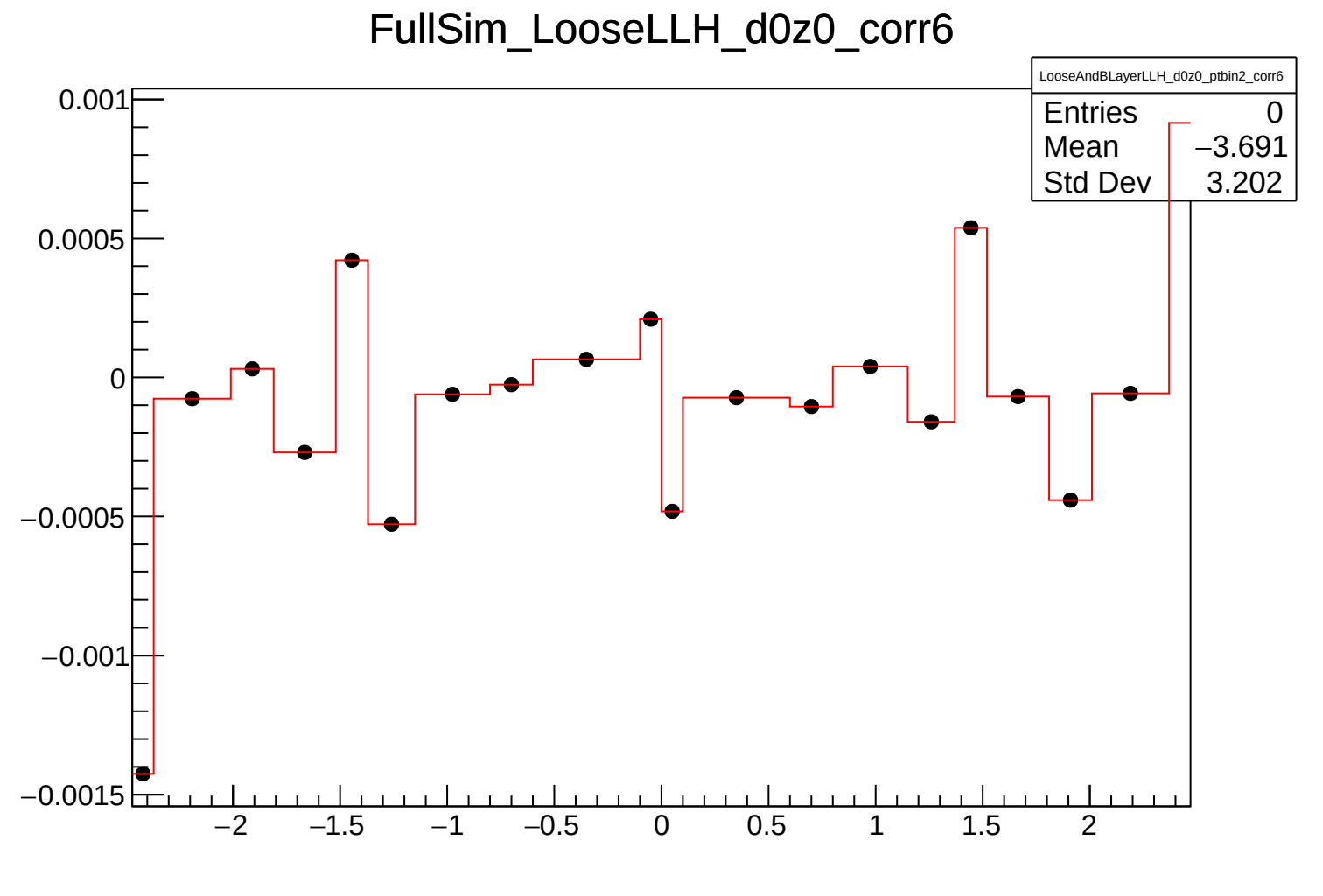
FullSim_LooseLLH_d0z0_corr6
LooseAndBLayerLLH_d0z0_ptbin2_corr6
Entries 0
Mean −3.691
Std Dev 3.202
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0.0005
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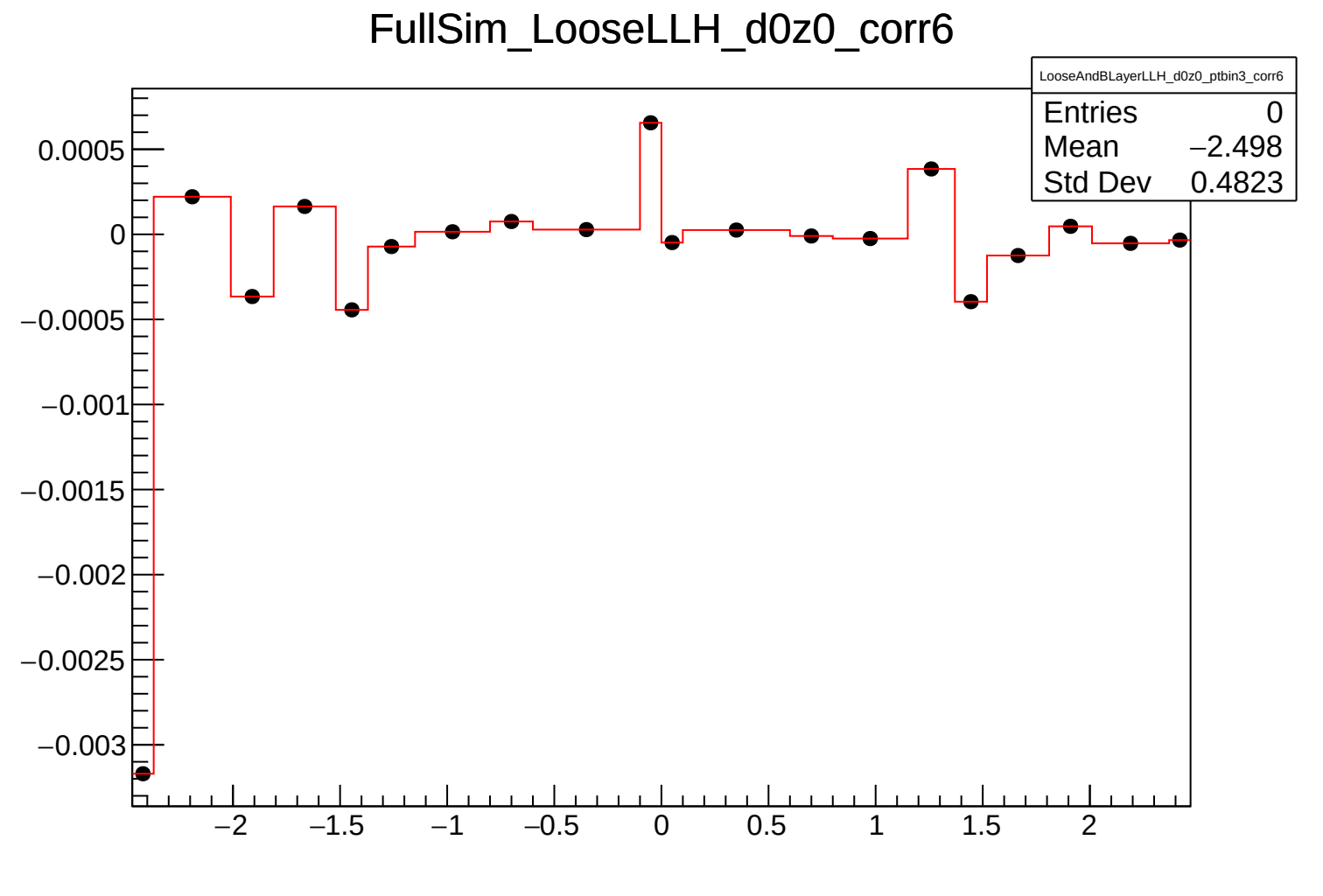
FullSim_LooseLLH_d0z0_corr6
LooseAndBLayerLLH_d0z0_ptbin3_corr6
Entries 0
Mean −2.498
Std Dev 0.4823
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0
−0.0005
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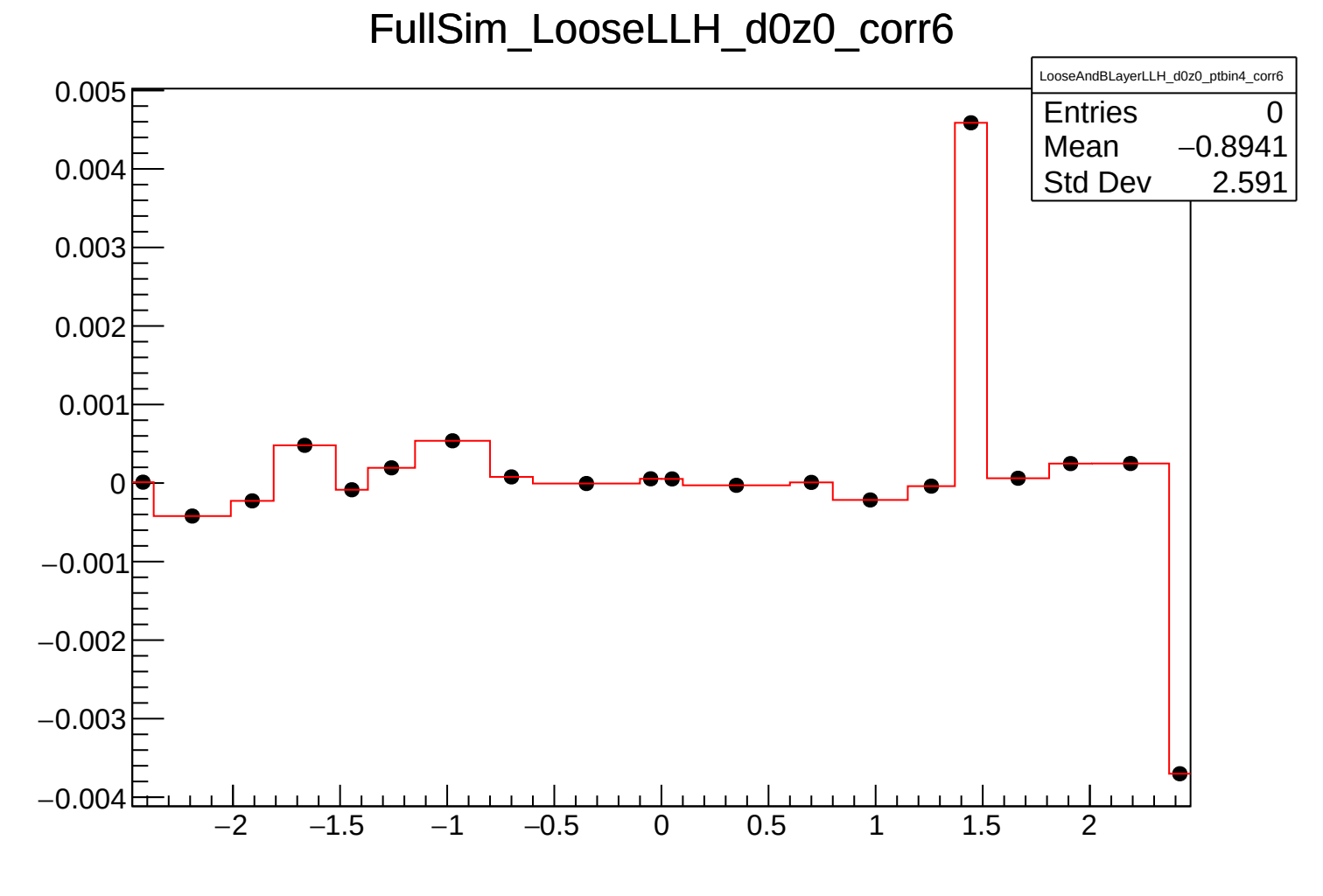
FullSim_LooseLLH_d0z0_corr6
LooseAndBLayerLLH_d0z0_ptbin4_corr6
Entries 0
Mean −0.8941
Std Dev 2.591
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0.004
0.003
0.002
0.001
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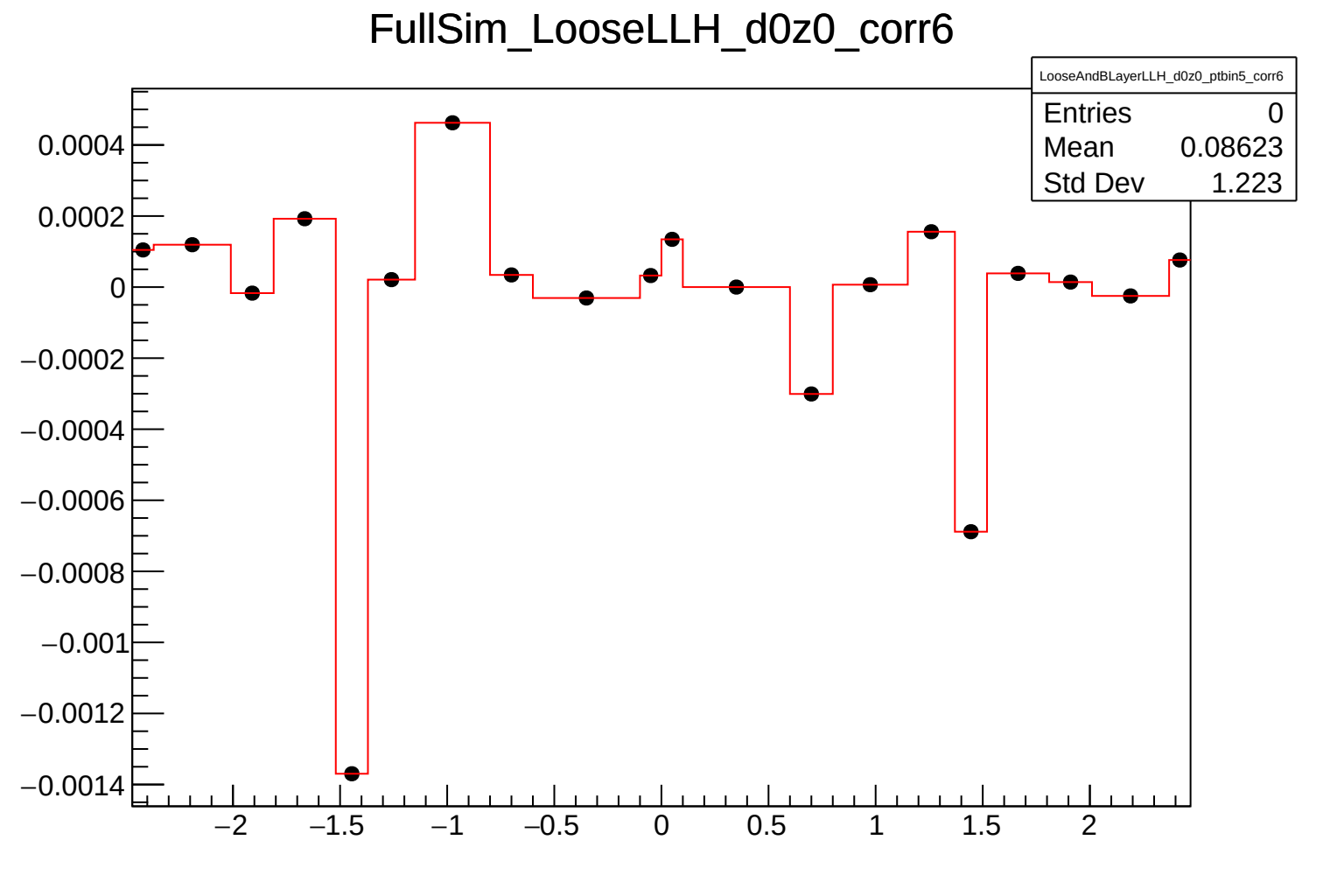
FullSim_LooseLLH_d0z0_corr6
LooseAndBLayerLLH_d0z0_ptbin5_corr6
Entries 0
Mean 0.08623
Std Dev 1.223
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0.0002
0
−0.0002
−0.0004
−0.0006
−0.0008
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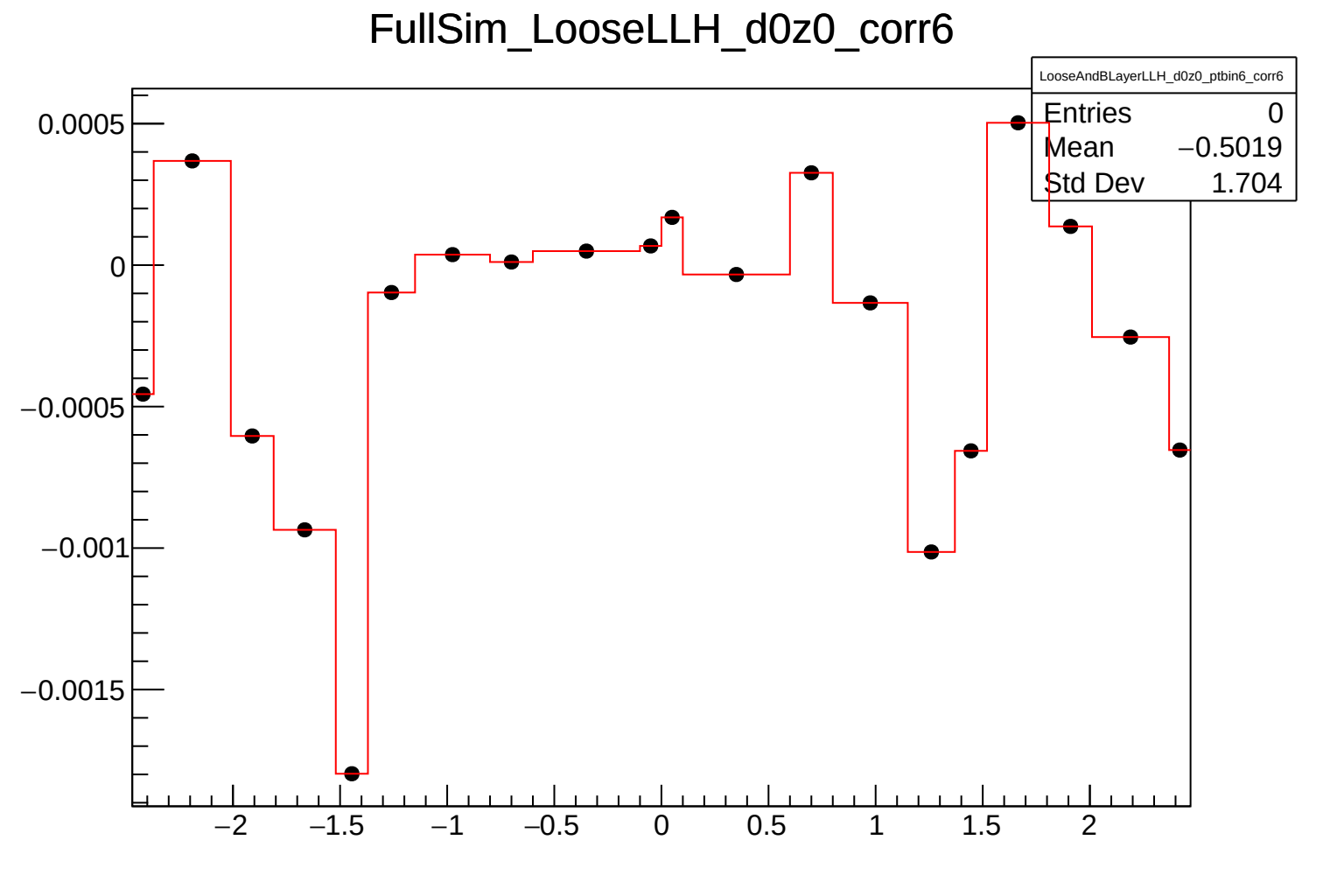
FullSim_LooseLLH_d0z0_corr6
LooseAndBLayerLLH_d0z0_ptbin6_corr6
Entries 0
Mean −0.5019
Std Dev 1.704
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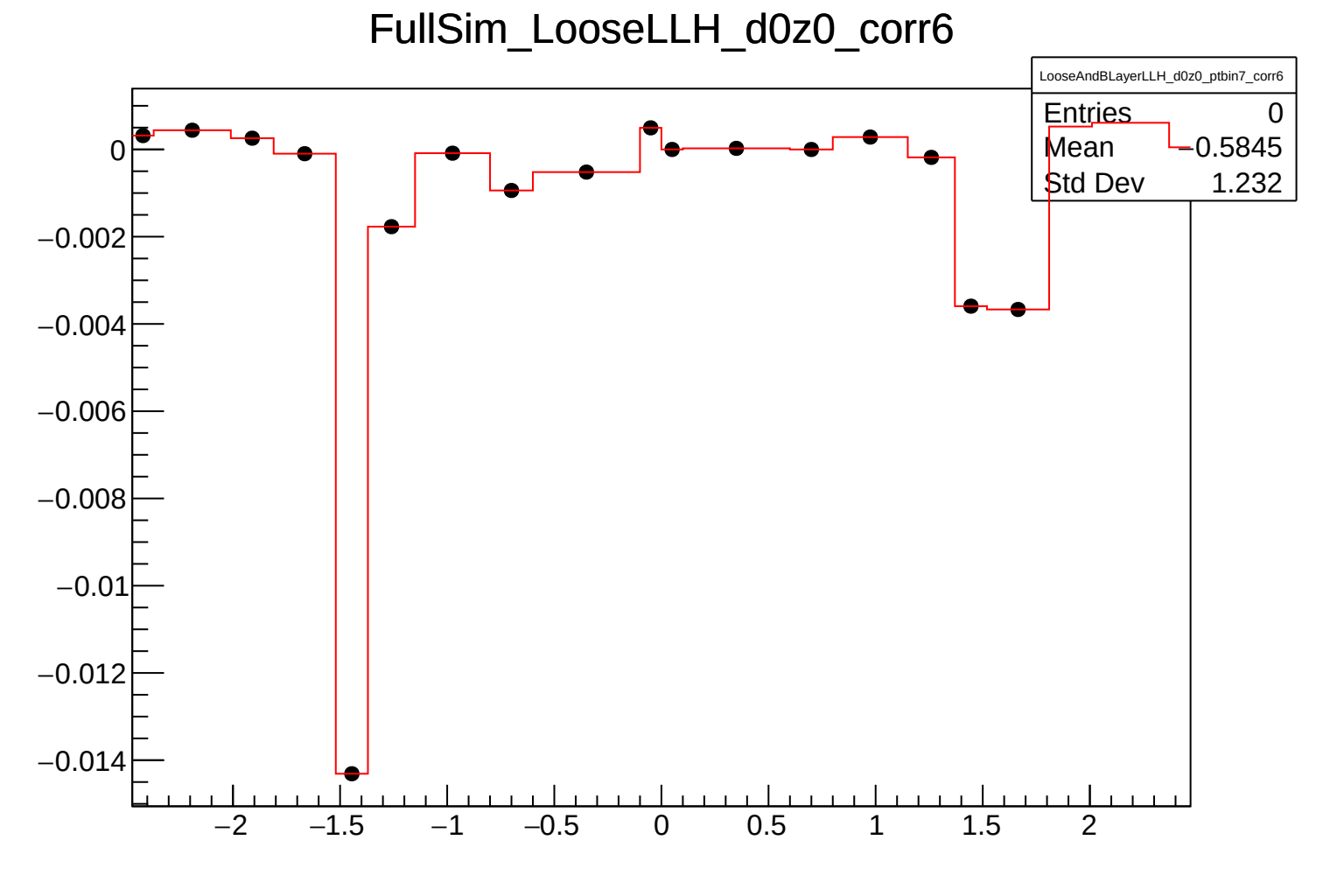
FullSim_LooseLLH_d0z0_corr6
LooseAndBLayerLLH_d0z0_ptbin7_corr6
Entries 0
Mean −0.5845
Std Dev 1.232
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−0.002
−0.004
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−0.014
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1.5
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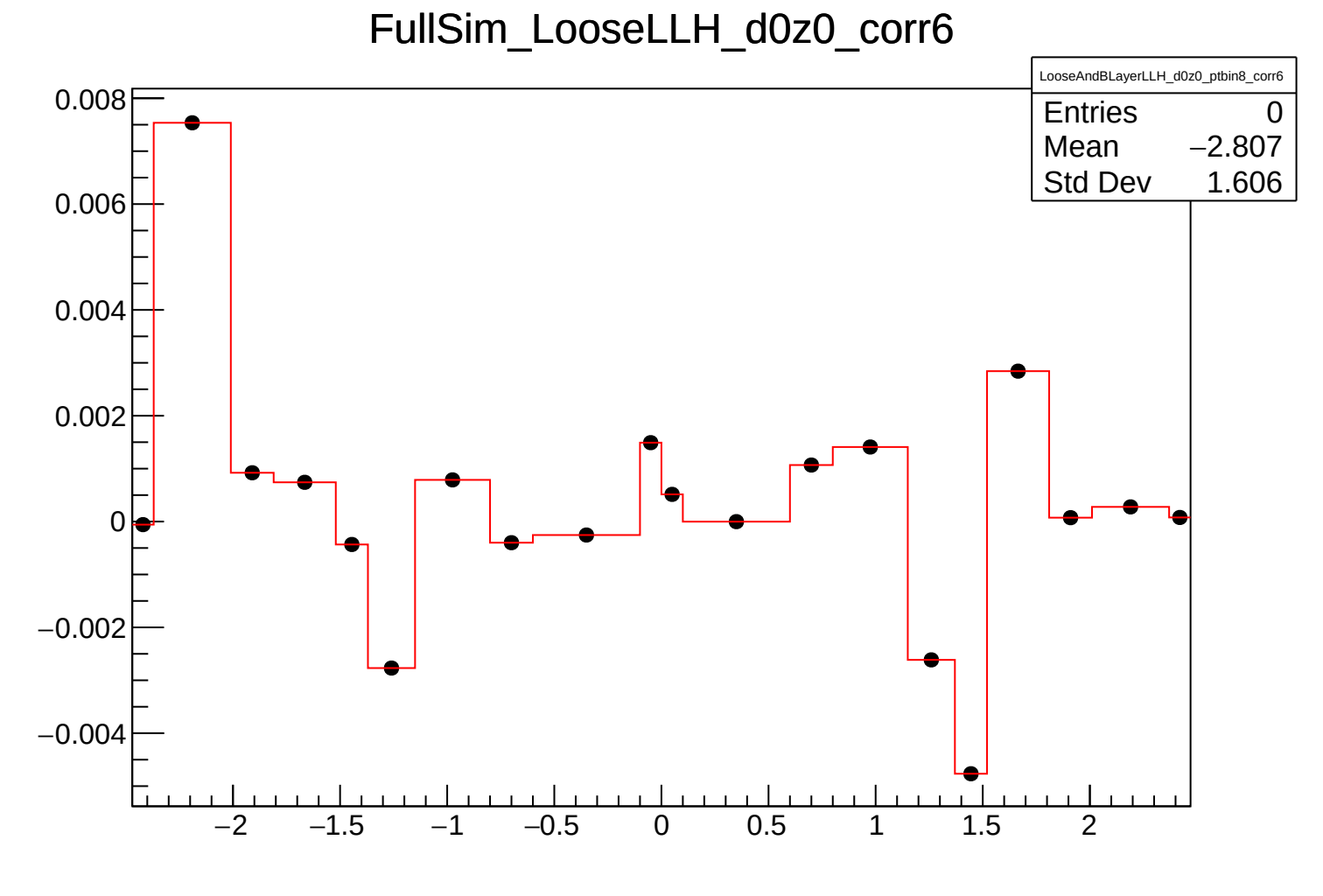
FullSim_LooseLLH_d0z0_corr6
LooseAndBLayerLLH_d0z0_ptbin8_corr6
Entries 0
Mean −2.807
Std Dev 1.606
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0.006
0.004
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−0.004
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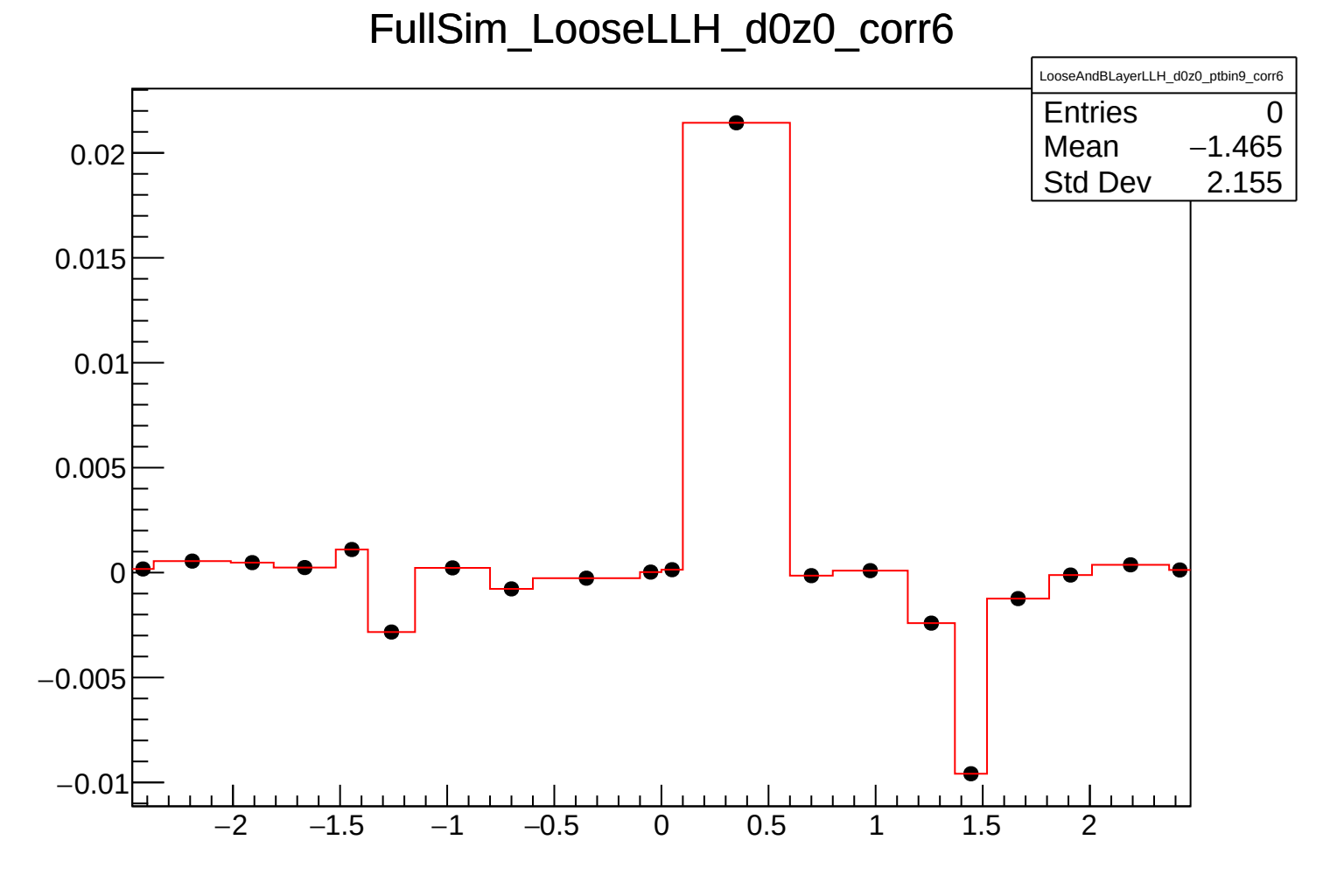
FullSim_LooseLLH_d0z0_corr6
LooseAndBLayerLLH_d0z0_ptbin9_corr6
Entries 0
Mean −1.465
Std Dev 2.155
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0.015
0.01
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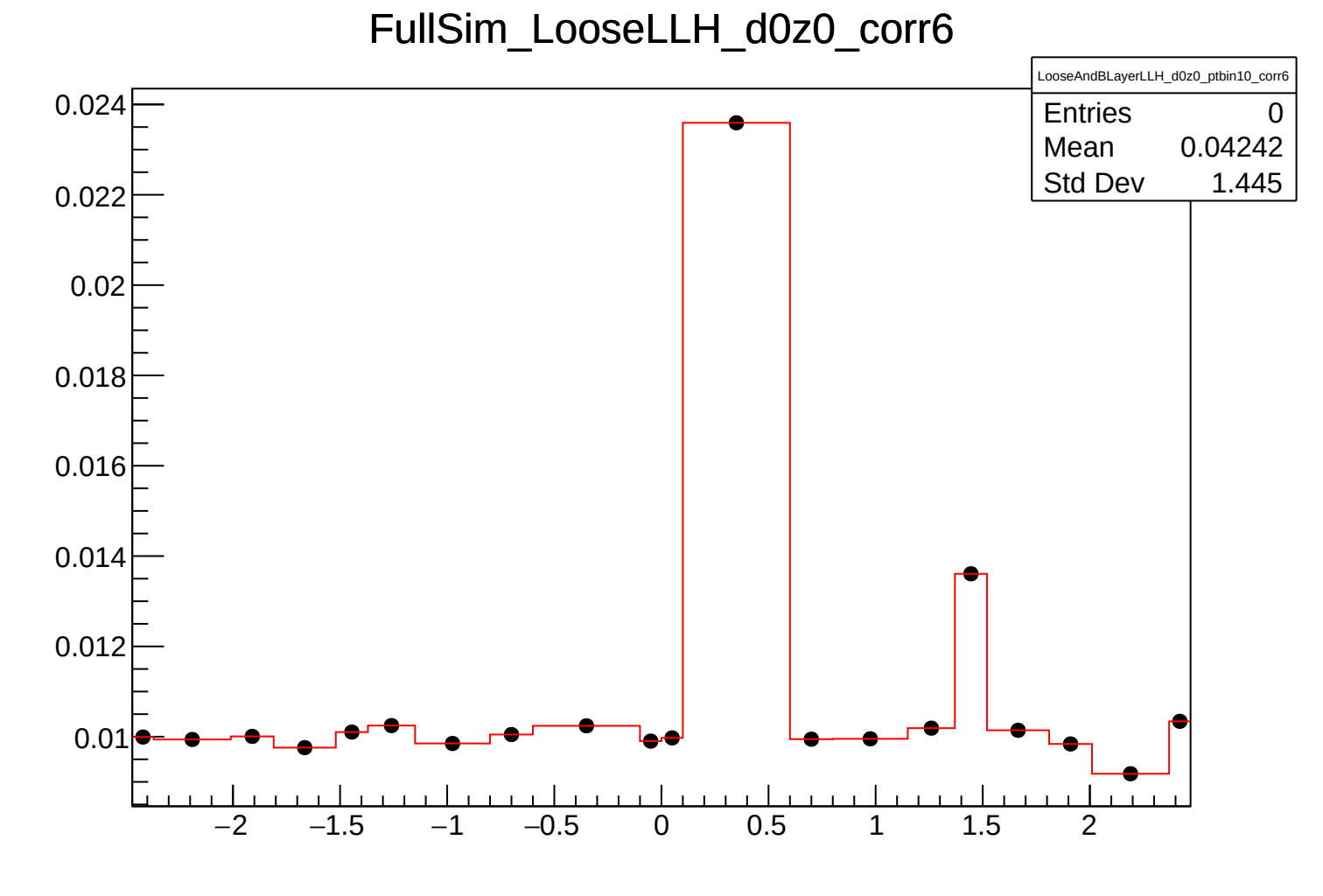
FullSim_LooseLLH_d0z0_corr6
LooseAndBLayerLLH_d0z0_ptbin10_corr6
Entries 0
Mean 0.04242
Std Dev 1.445
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0.022
0.02
0.018
0.016
0.014
0.012
0.01
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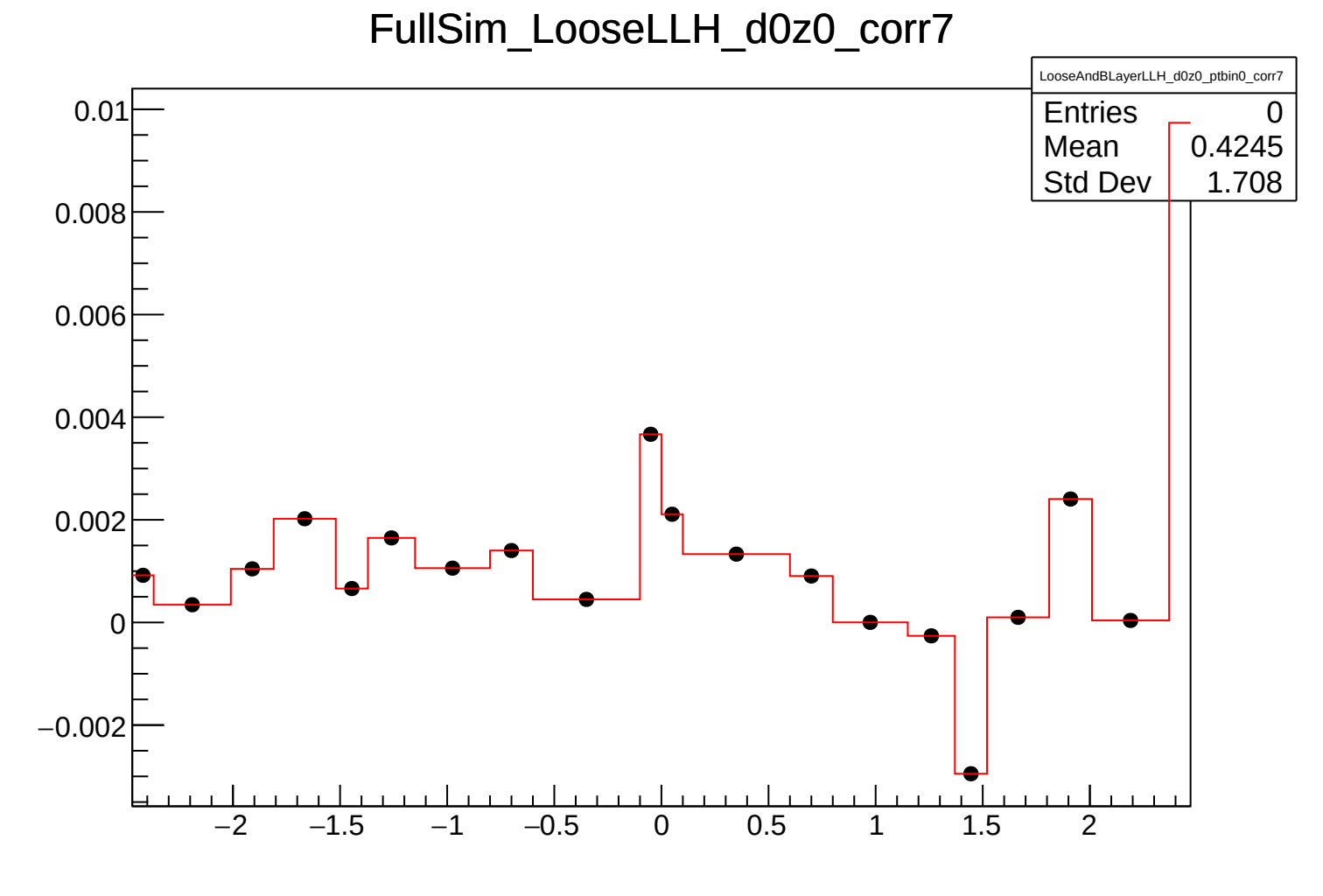
FullSim_LooseLLH_d0z0_corr7
LooseAndBLayerLLH_d0z0_ptbin0_corr7
Entries 0
Mean 0.4245
Std Dev 1.708
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0.008
0.006
0.004
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0
−0.002
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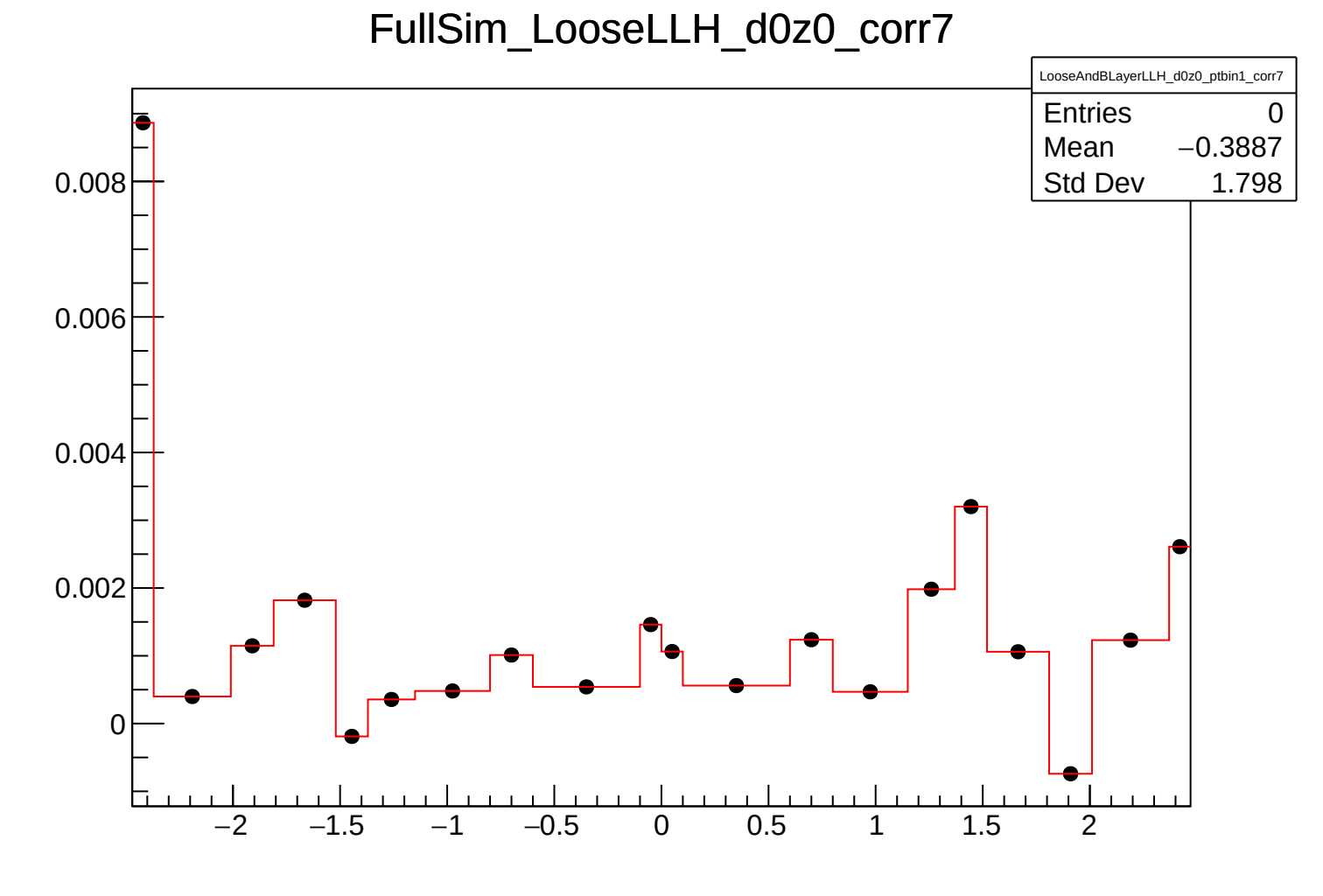
1.5
2


FullSim_LooseLLH_d0z0_corr7
LooseAndBLayerLLH_d0z0_ptbin1_corr7
Entries 0
Mean −0.3887
Std Dev 1.798
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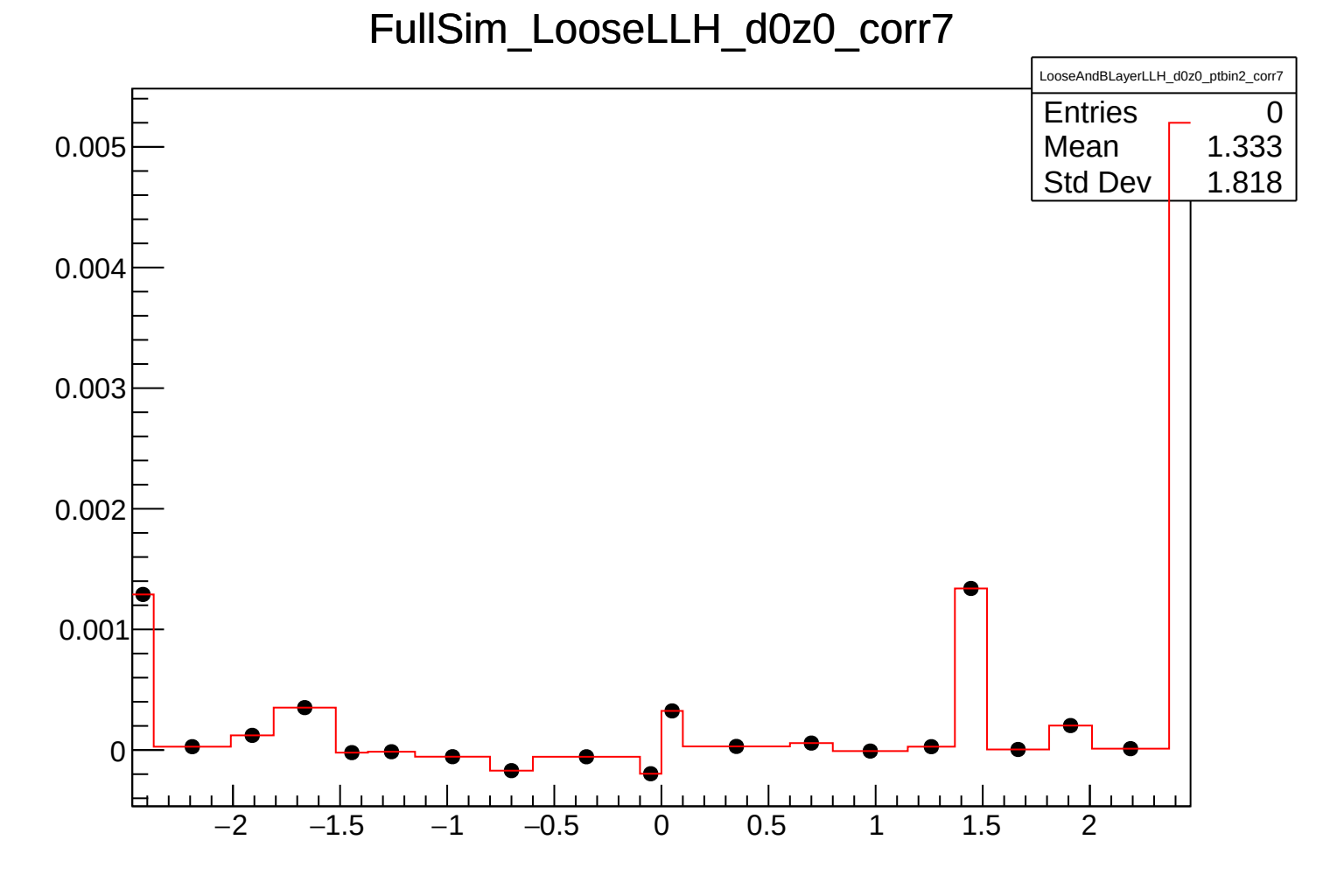
FullSim_LooseLLH_d0z0_corr7
LooseAndBLayerLLH_d0z0_ptbin2_corr7
Entries 0
Mean 1.333
Std Dev 1.818
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0.004
0.003
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0.001
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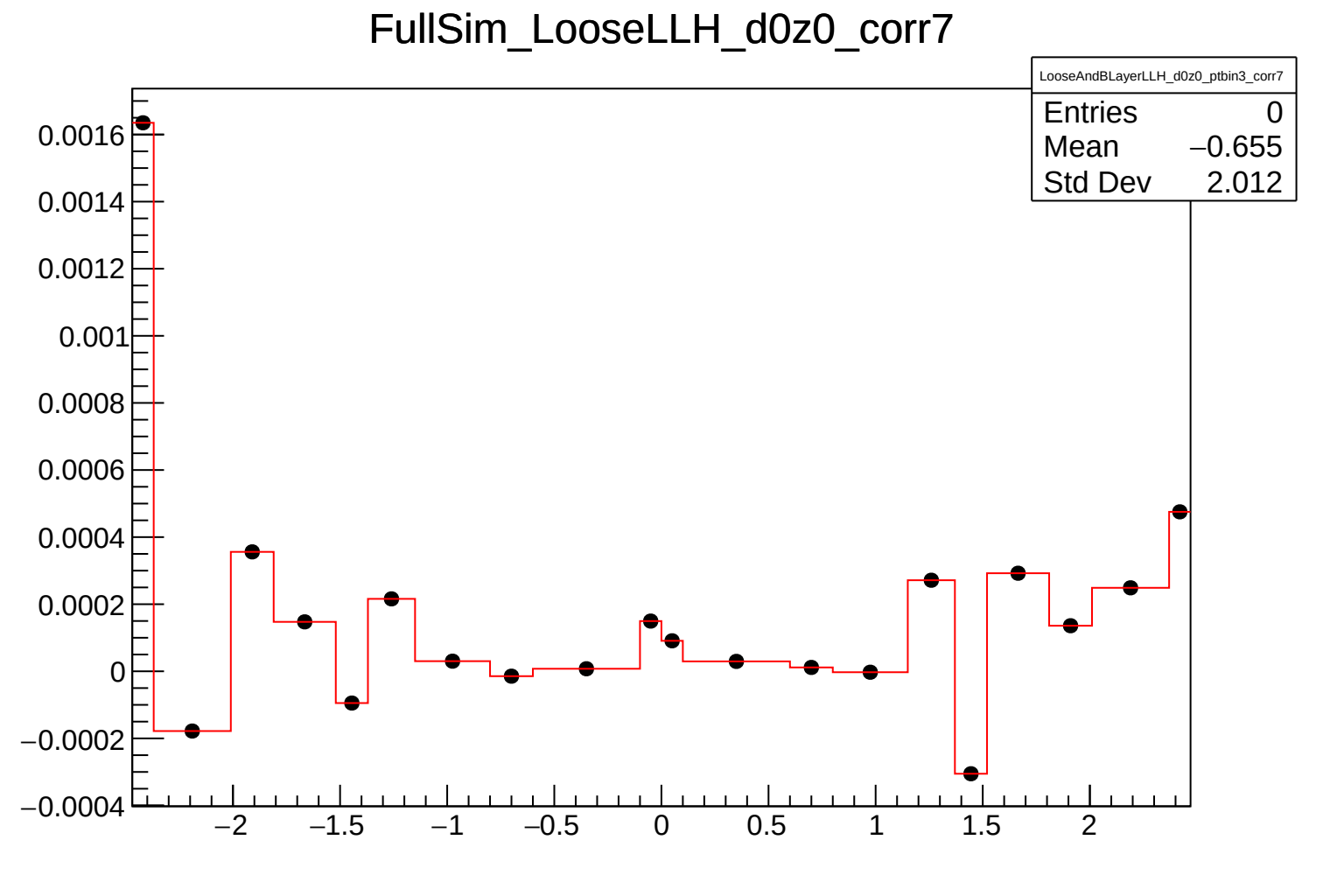
FullSim_LooseLLH_d0z0_corr7
LooseAndBLayerLLH_d0z0_ptbin3_corr7
Entries 0
Mean −0.655
Std Dev 2.012
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0.0014
0.0012
0.001
0.0008
0.0006
0.0004
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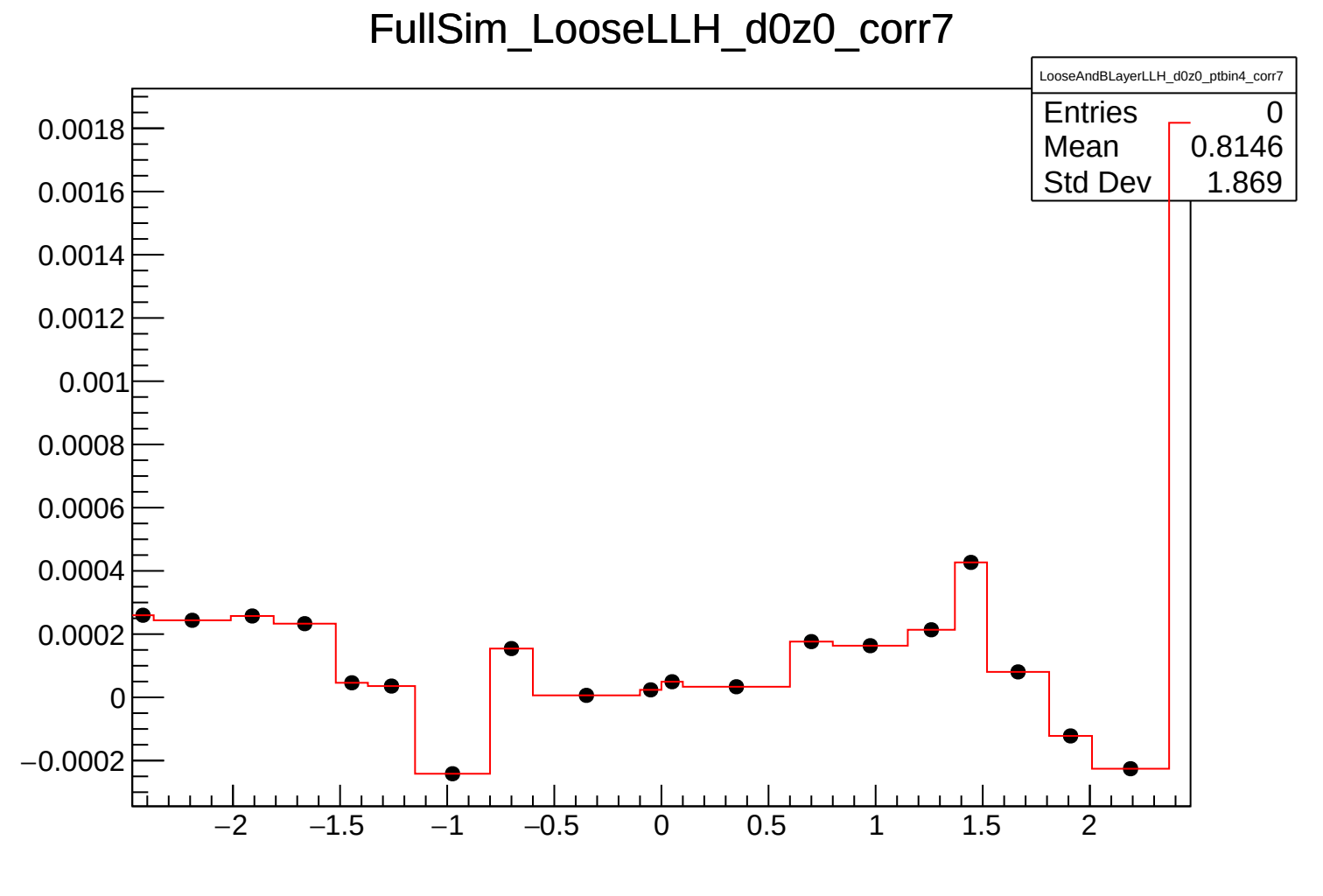
FullSim_LooseLLH_d0z0_corr7
LooseAndBLayerLLH_d0z0_ptbin4_corr7
Entries 0
Mean 0.8146
Std Dev 1.869
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0.0016
0.0014
0.0012
0.001
0.0008
0.0006
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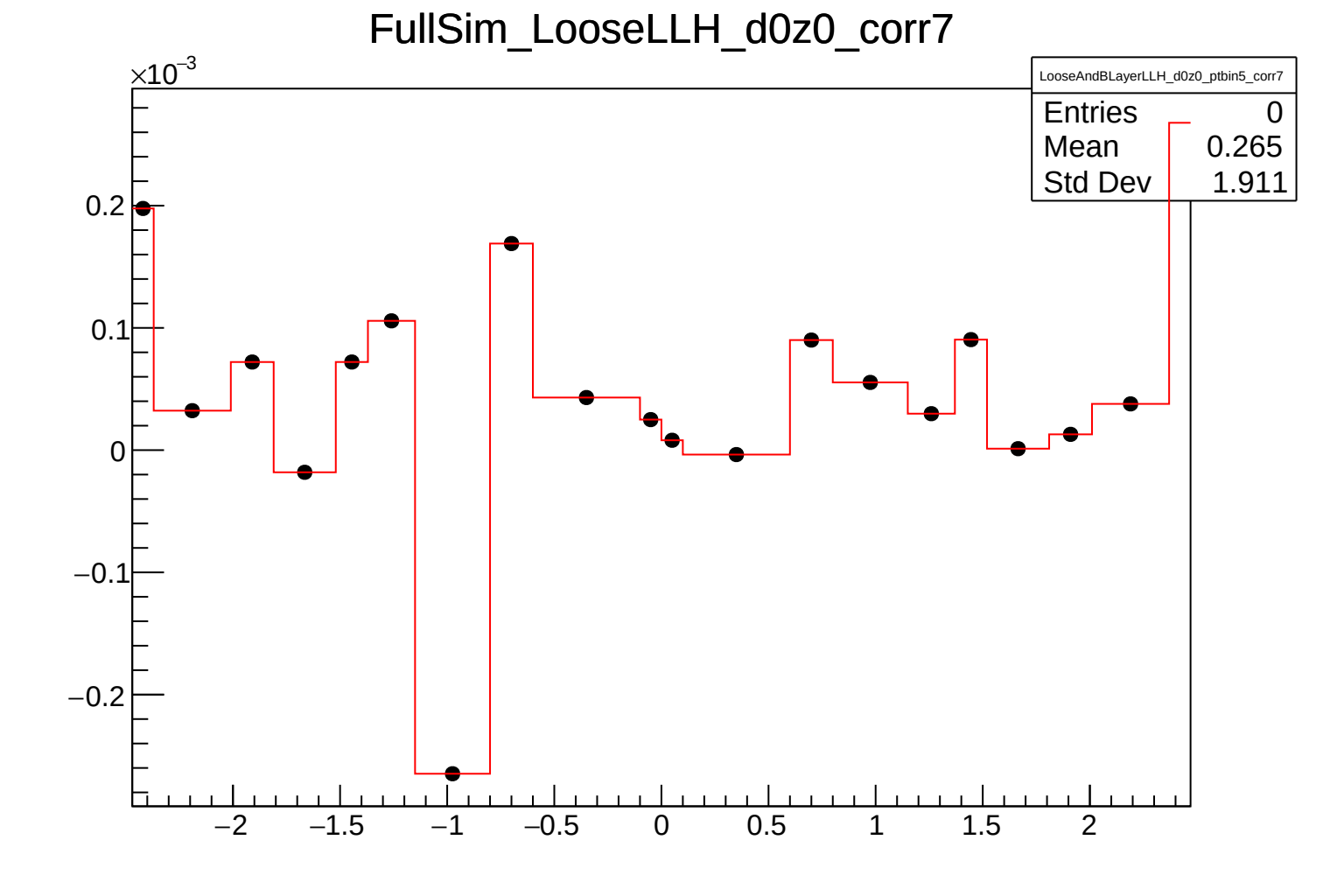
FullSim_LooseLLH_d0z0_corr7
×10^−3
LooseAndBLayerLLH_d0z0_ptbin5_corr7
Entries 0
Mean 0.265
Std Dev 1.911
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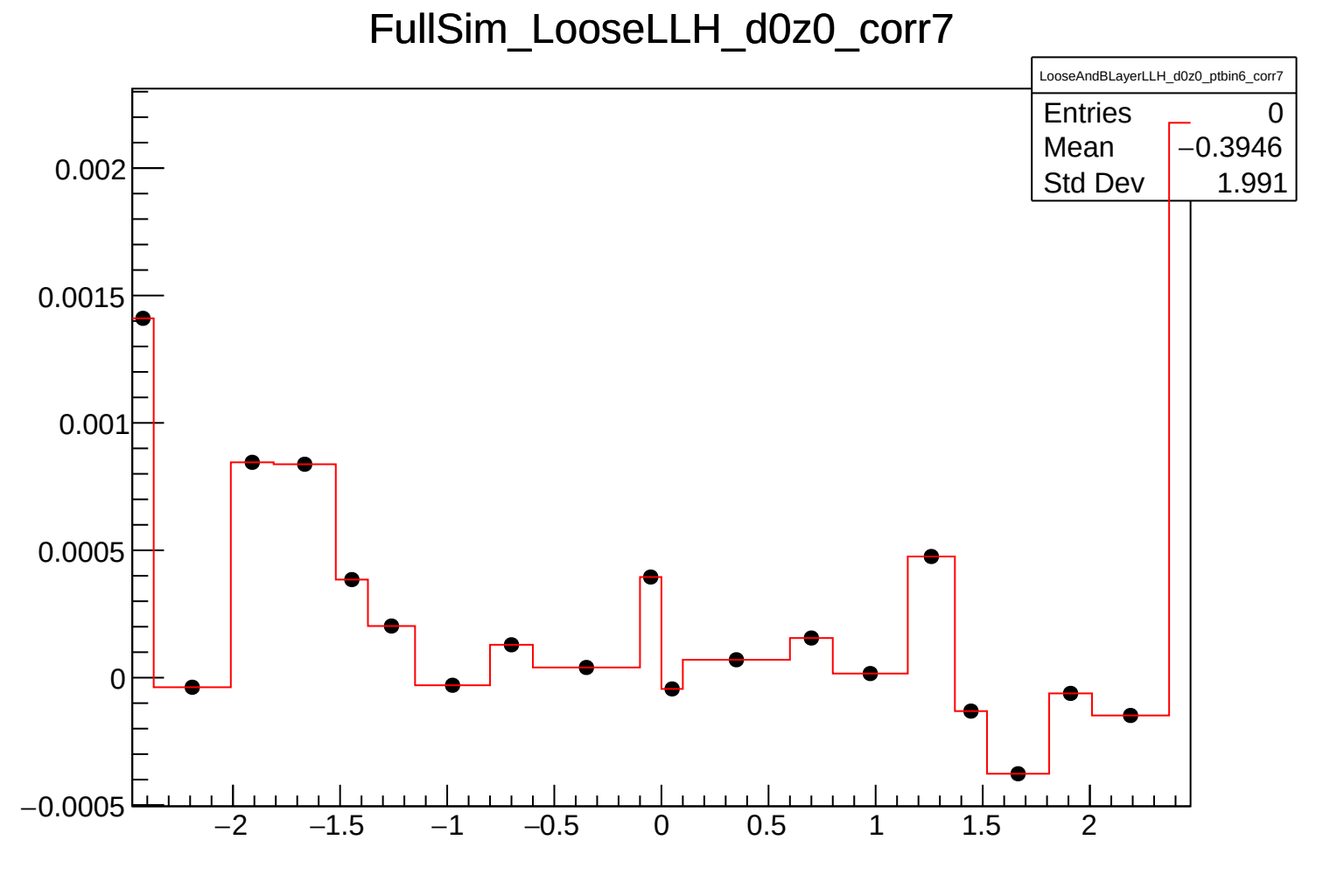
FullSim_LooseLLH_d0z0_corr7
LooseAndBLayerLLH_d0z0_ptbin6_corr7
Entries 0
Mean −0.3946
Std Dev 1.991
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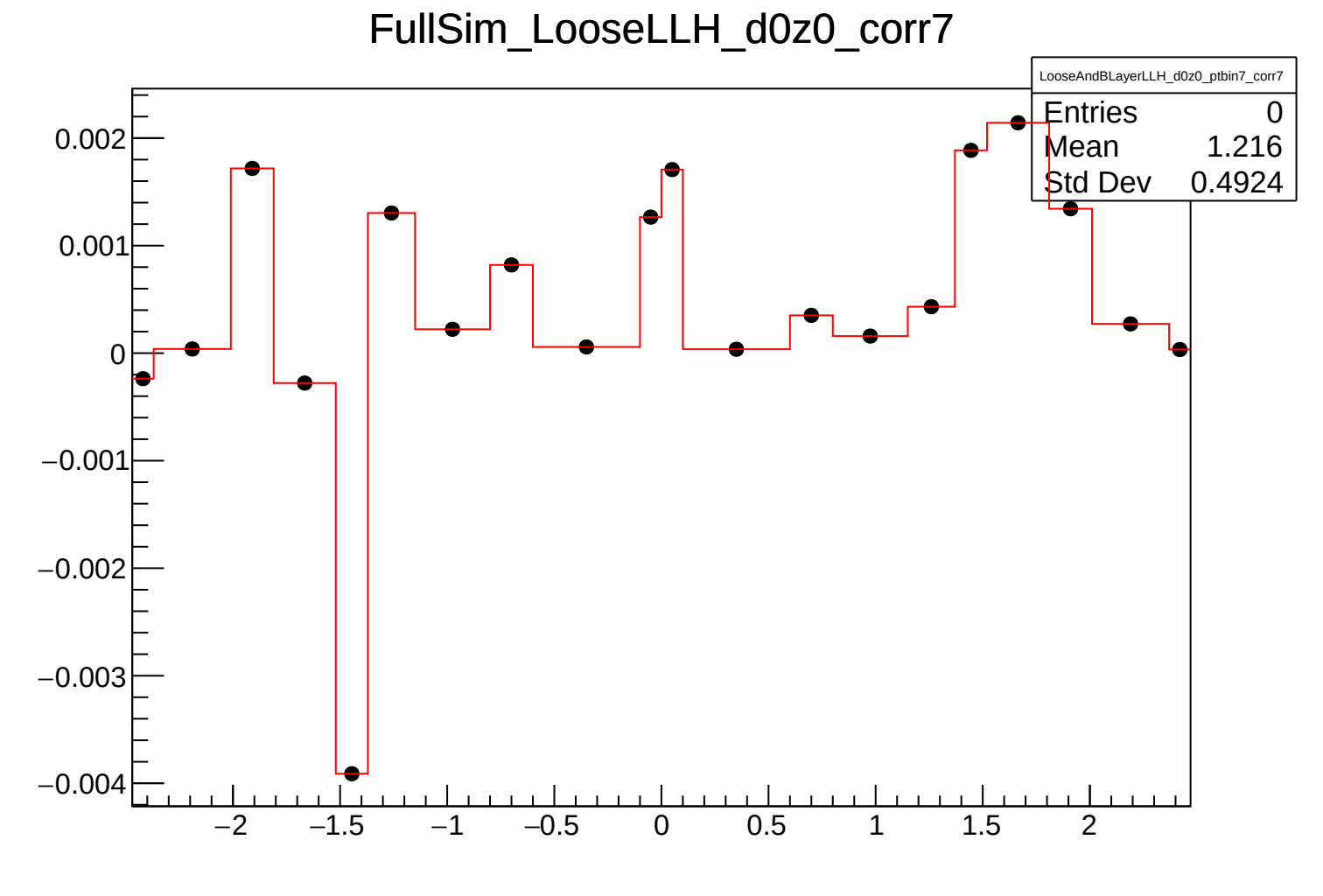
FullSim_LooseLLH_d0z0_corr7
LooseAndBLayerLLH_d0z0_ptbin7_corr7
Entries 0
Mean 1.216
Std Dev 0.4924
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0
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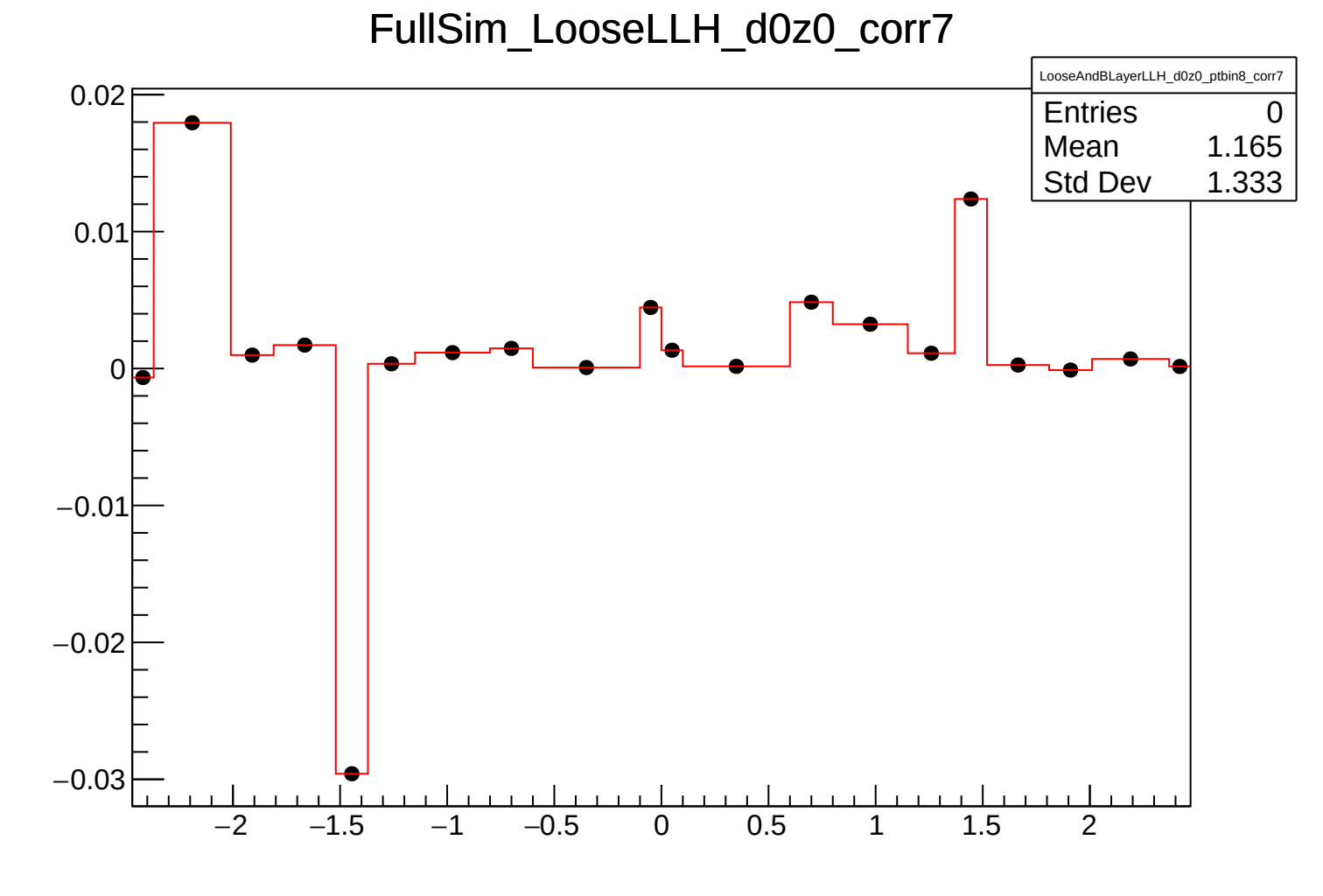
FullSim_LooseLLH_d0z0_corr7
LooseAndBLayerLLH_d0z0_ptbin8_corr7
Entries 0
Mean 1.165
Std Dev 1.333
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0.01
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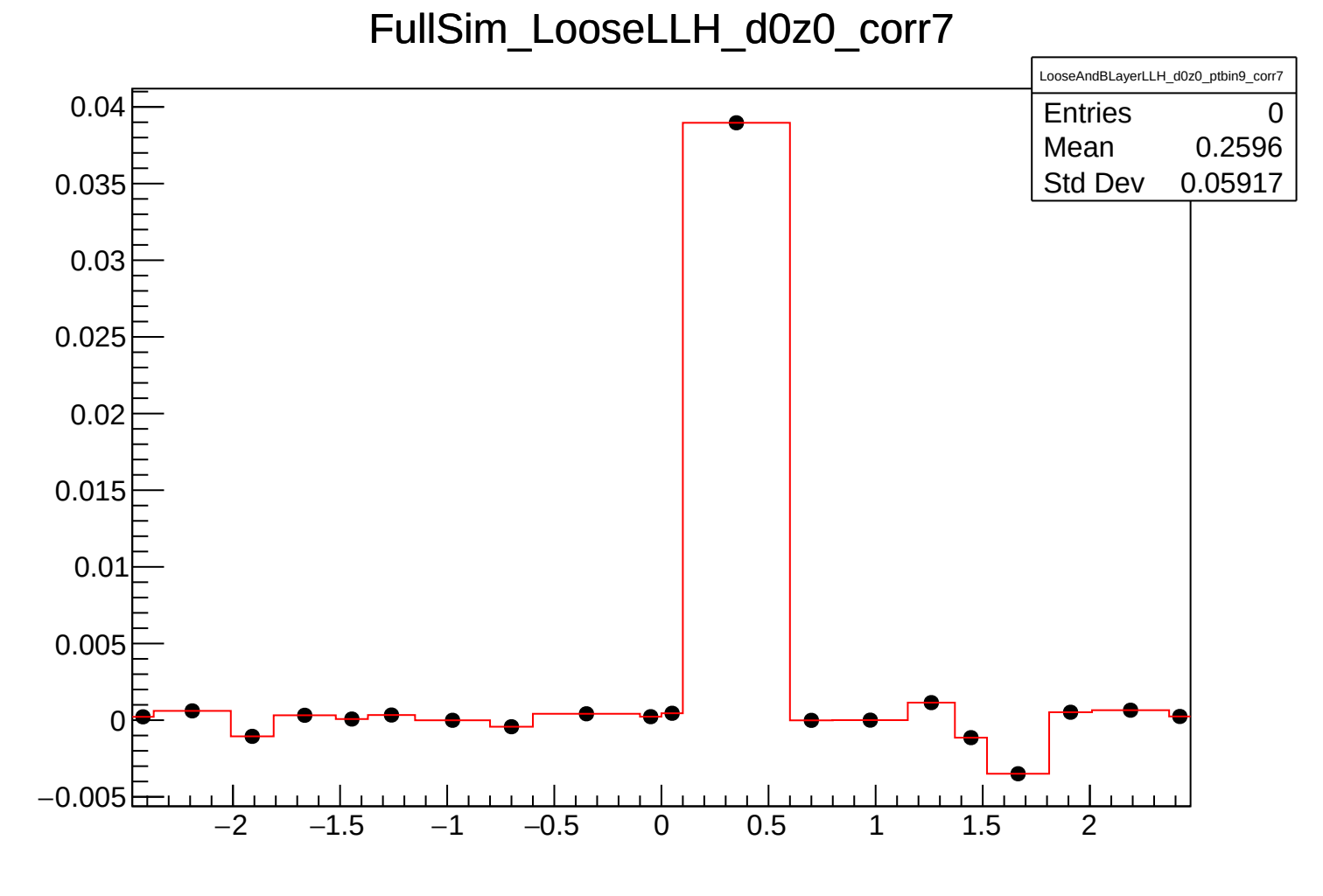
FullSim_LooseLLH_d0z0_corr7
LooseAndBLayerLLH_d0z0_ptbin9_corr7
Entries 0
Mean 0.2596
Std Dev 0.05917
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0.035
0.03
0.025
0.02
0.015
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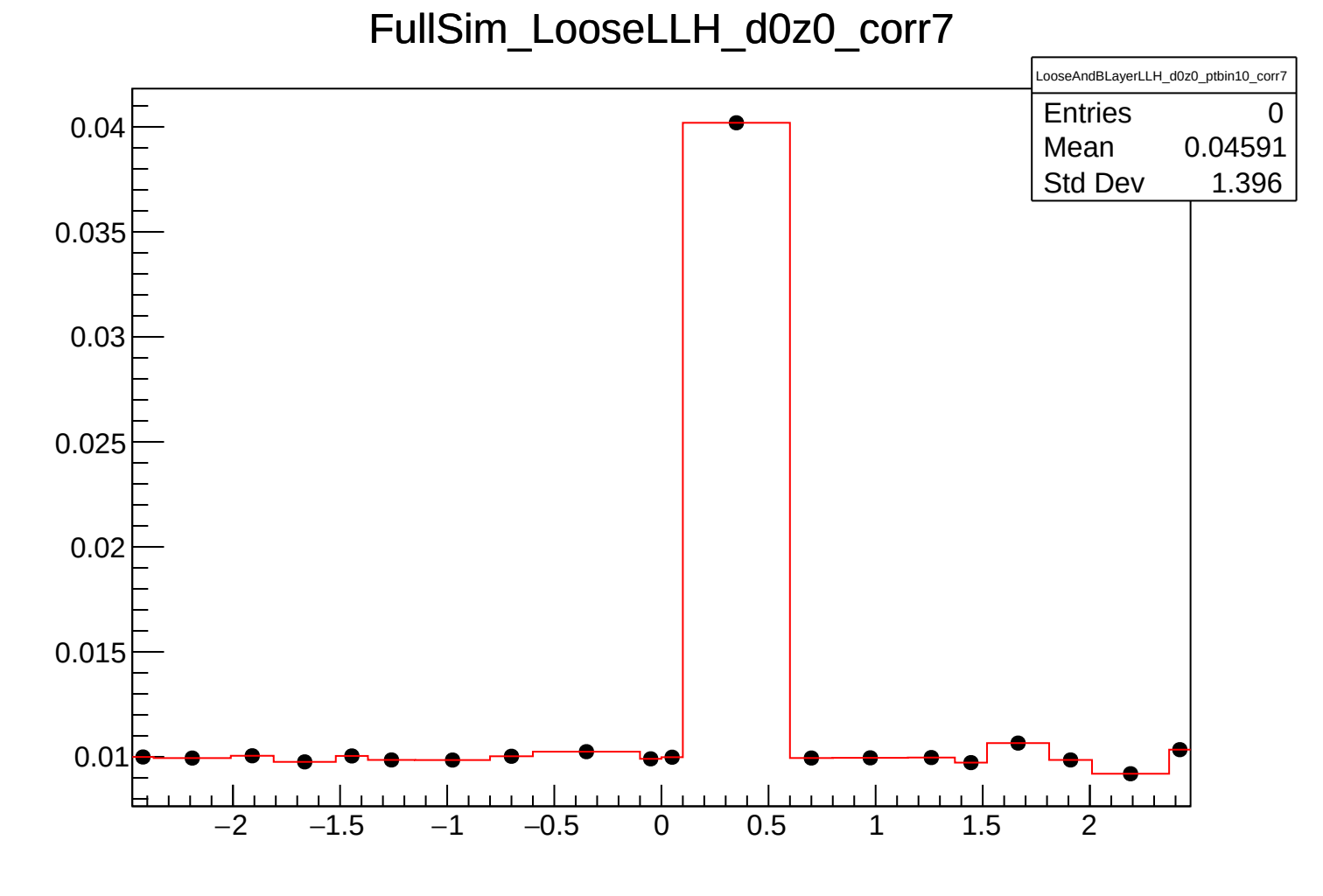
FullSim_LooseLLH_d0z0_corr7
LooseAndBLayerLLH_d0z0_ptbin10_corr7
Entries 0
Mean 0.04591
Std Dev 1.396
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0.035
0.03
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0.015
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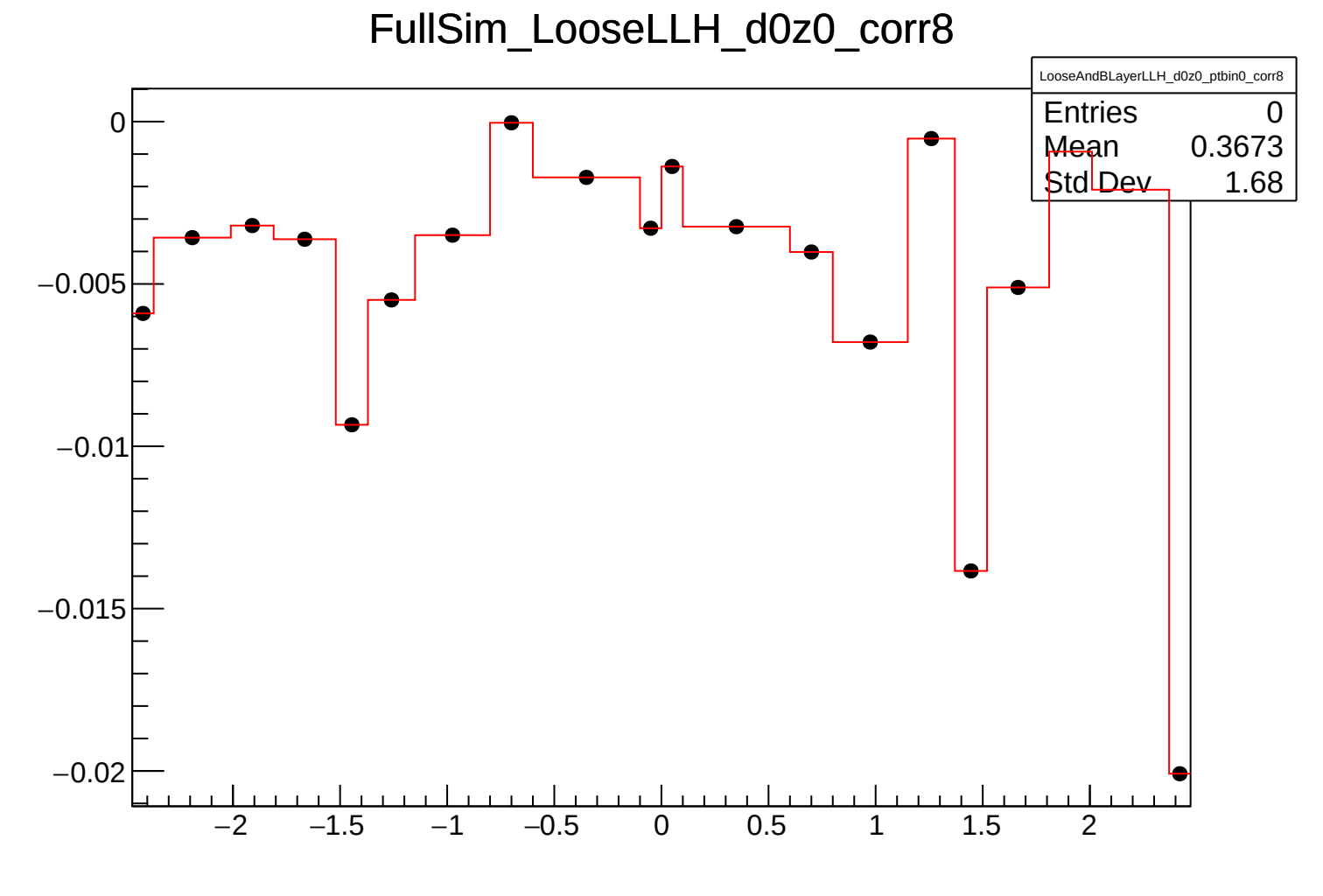
FullSim_LooseLLH_d0z0_corr8
LooseAndBLayerLLH_d0z0_ptbin0_corr8
Entries 0
Mean 0.3673
Std Dev 1.68
0
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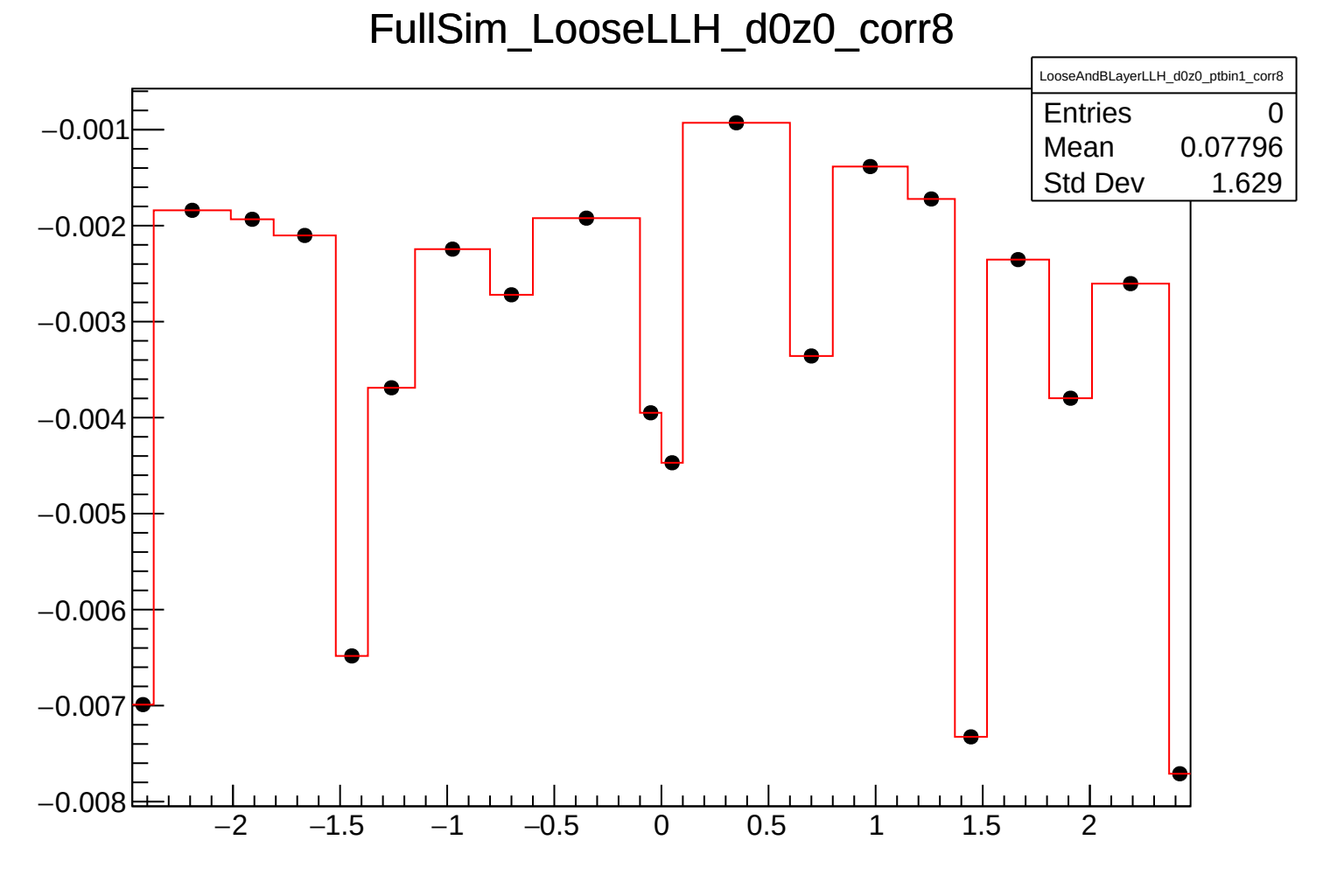
FullSim_LooseLLH_d0z0_corr8
LooseAndBLayerLLH_d0z0_ptbin1_corr8
Entries 0
Mean 0.07796
Std Dev 1.629
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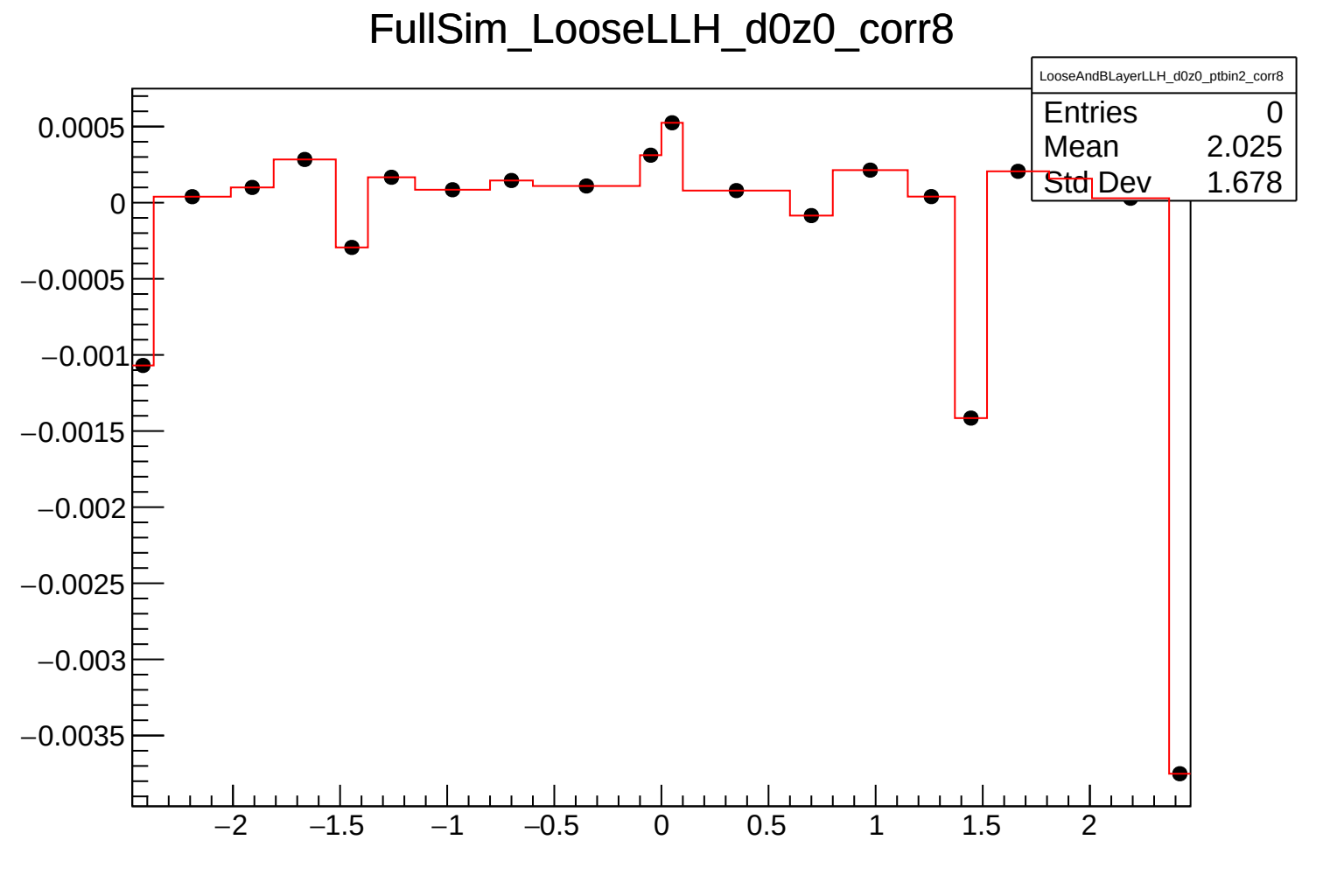
FullSim_LooseLLH_d0z0_corr8
LooseAndBLayerLLH_d0z0_ptbin2_corr8
Entries 0
Mean 2.025
Std Dev 1.678
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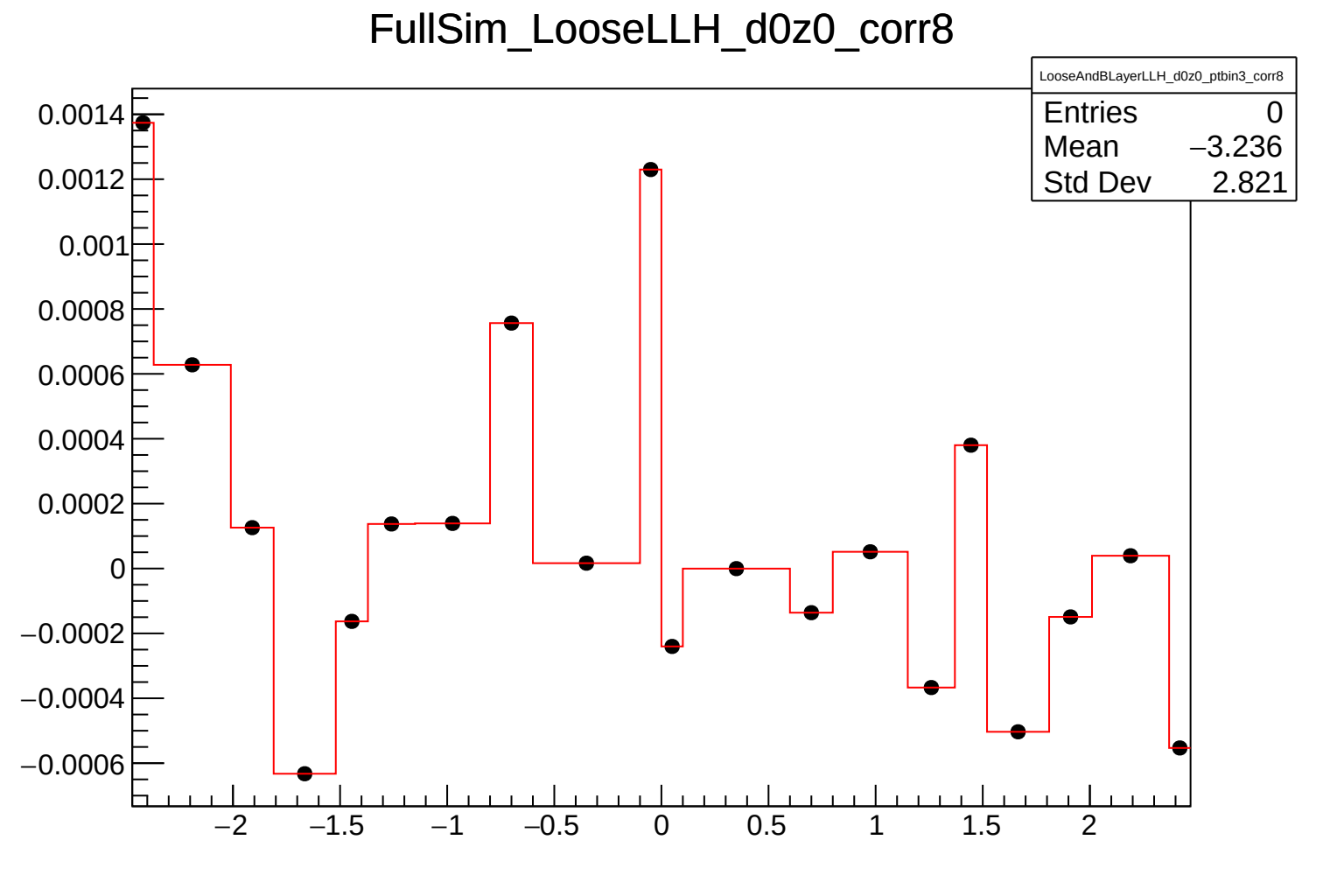
FullSim_LooseLLH_d0z0_corr8
LooseAndBLayerLLH_d0z0_ptbin3_corr8
Entries 0
Mean −3.236
Std Dev 2.821
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0.0012
0.001
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0.0002
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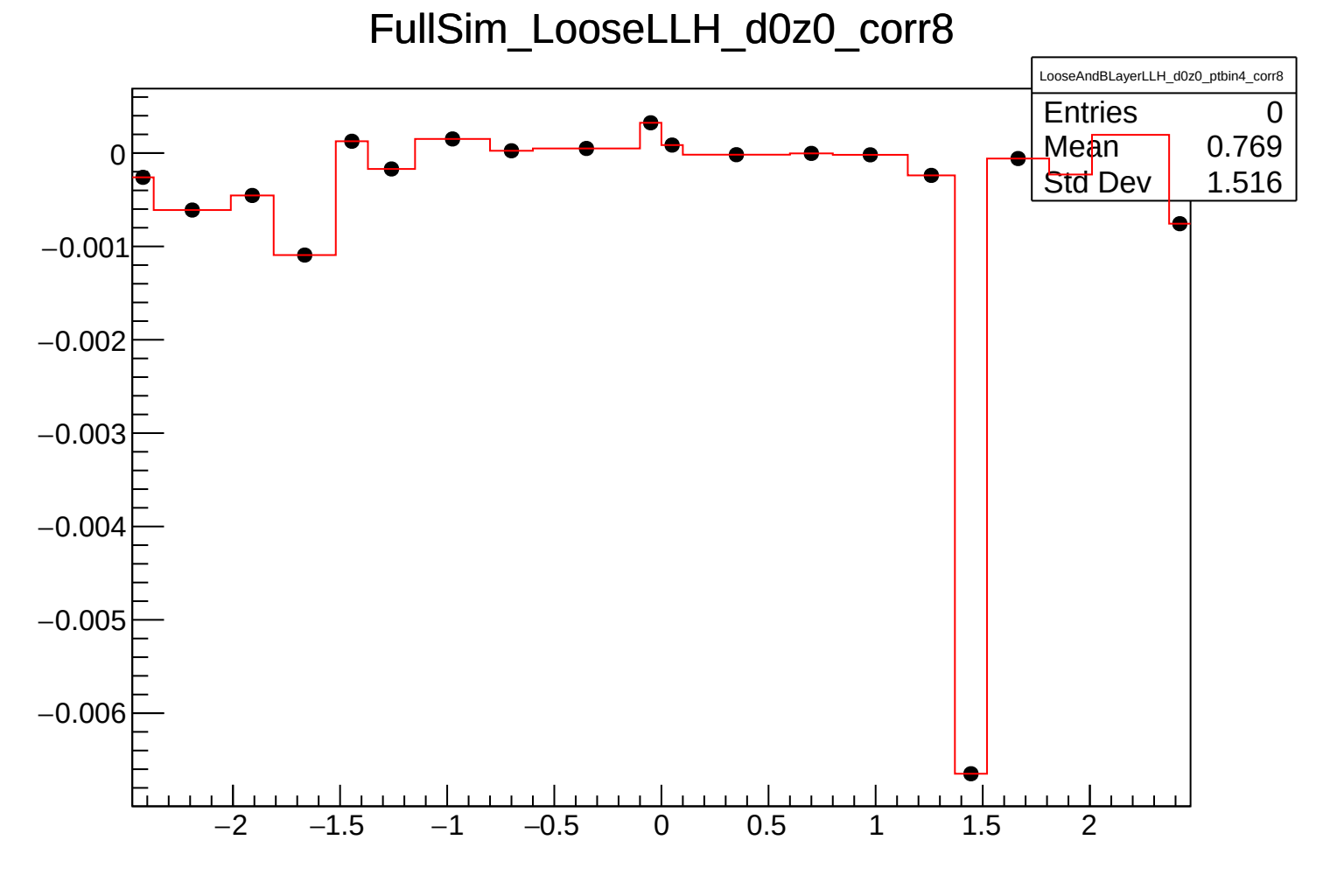
FullSim_LooseLLH_d0z0_corr8
LooseAndBLayerLLH_d0z0_ptbin4_corr8
Entries 0
Mean 0.769
Std Dev 1.516
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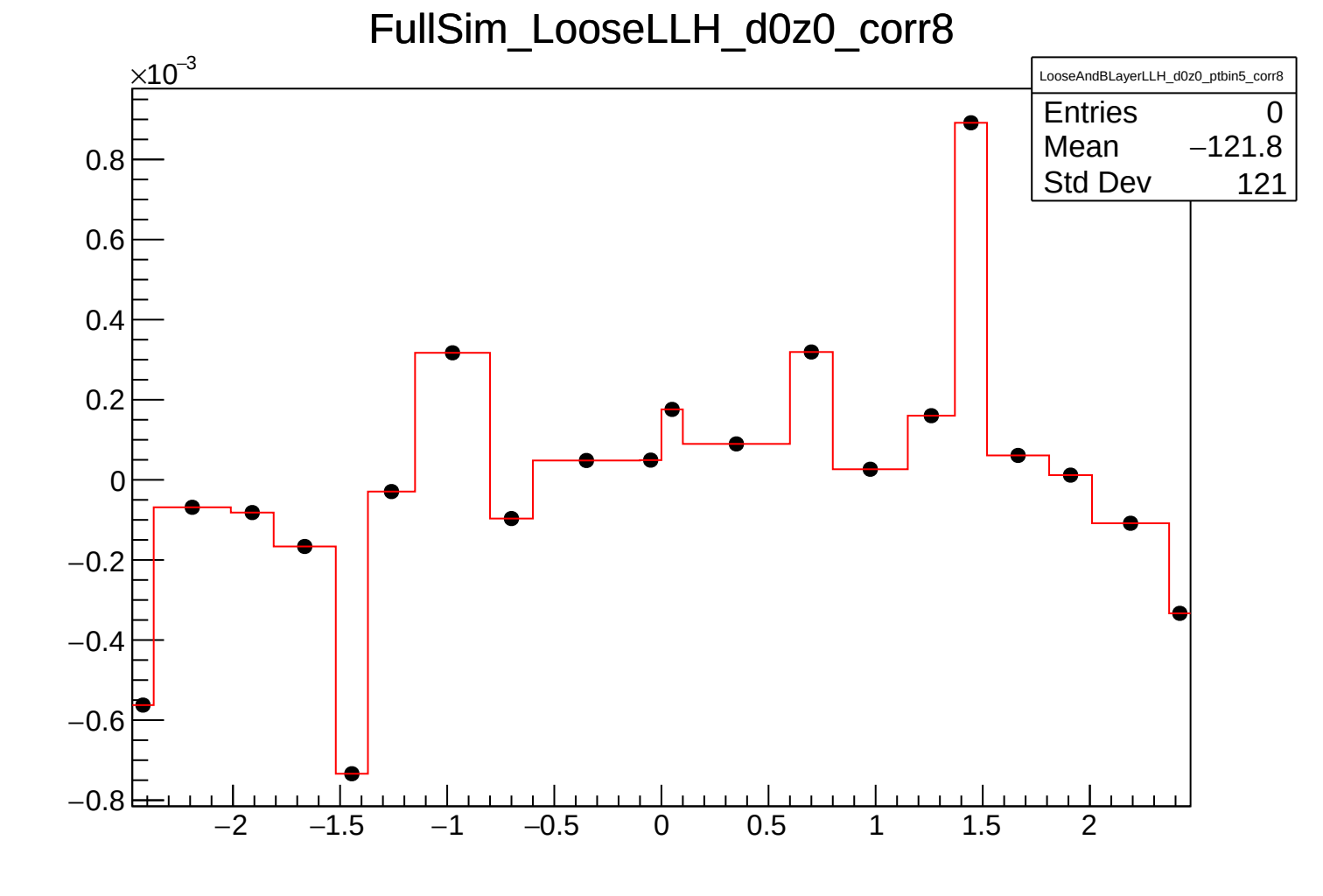
FullSim_LooseLLH_d0z0_corr8
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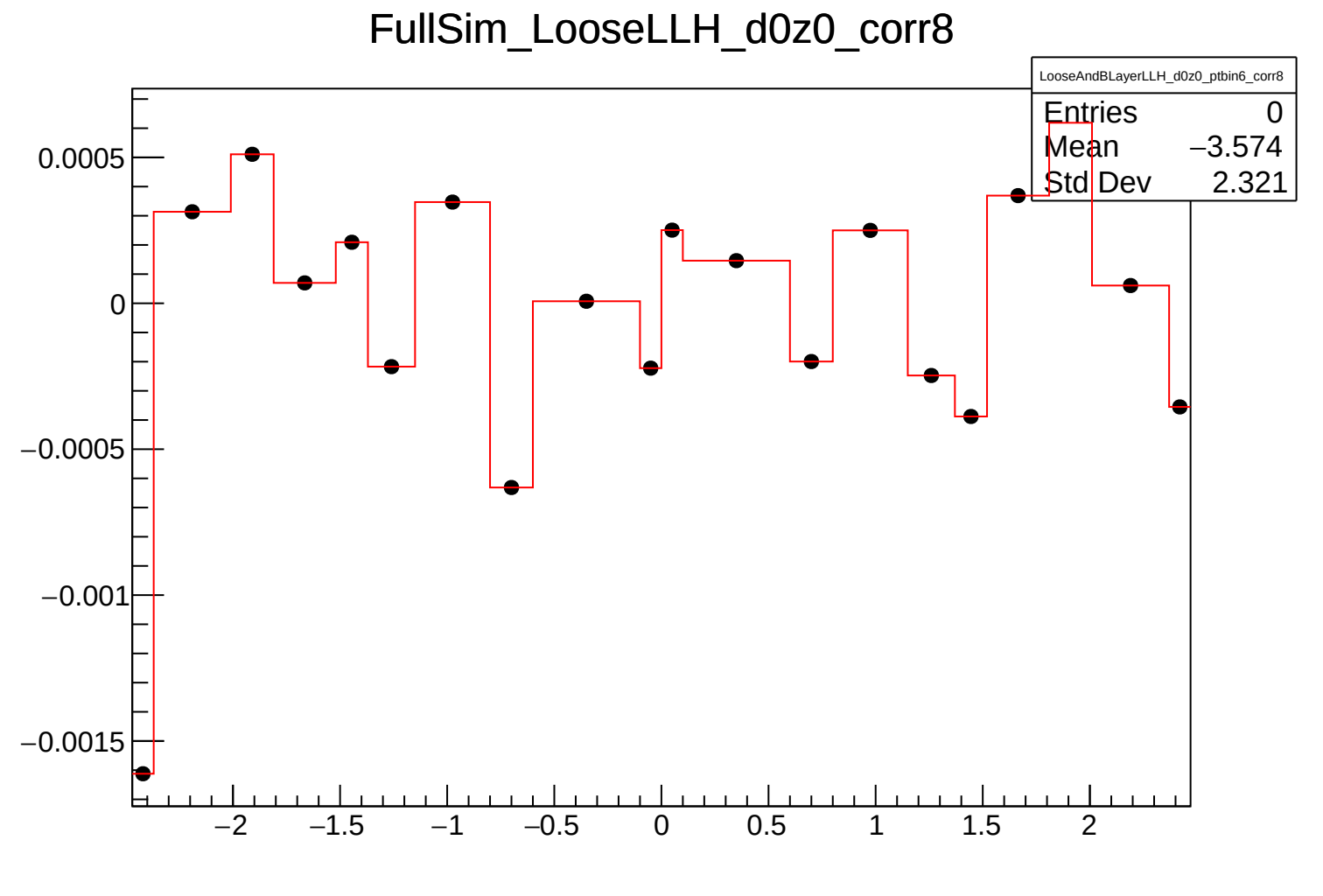
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2
LooseAndBLayerLLH_d0z0_ptbin5_corr8
Entries 0
Mean −121.8
Std Dev 121


FullSim_LooseLLH_d0z0_corr8
LooseAndBLayerLLH_d0z0_ptbin6_corr8
Entries 0
Mean −3.574
Std Dev 2.321
0.0005
0
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−0.0015
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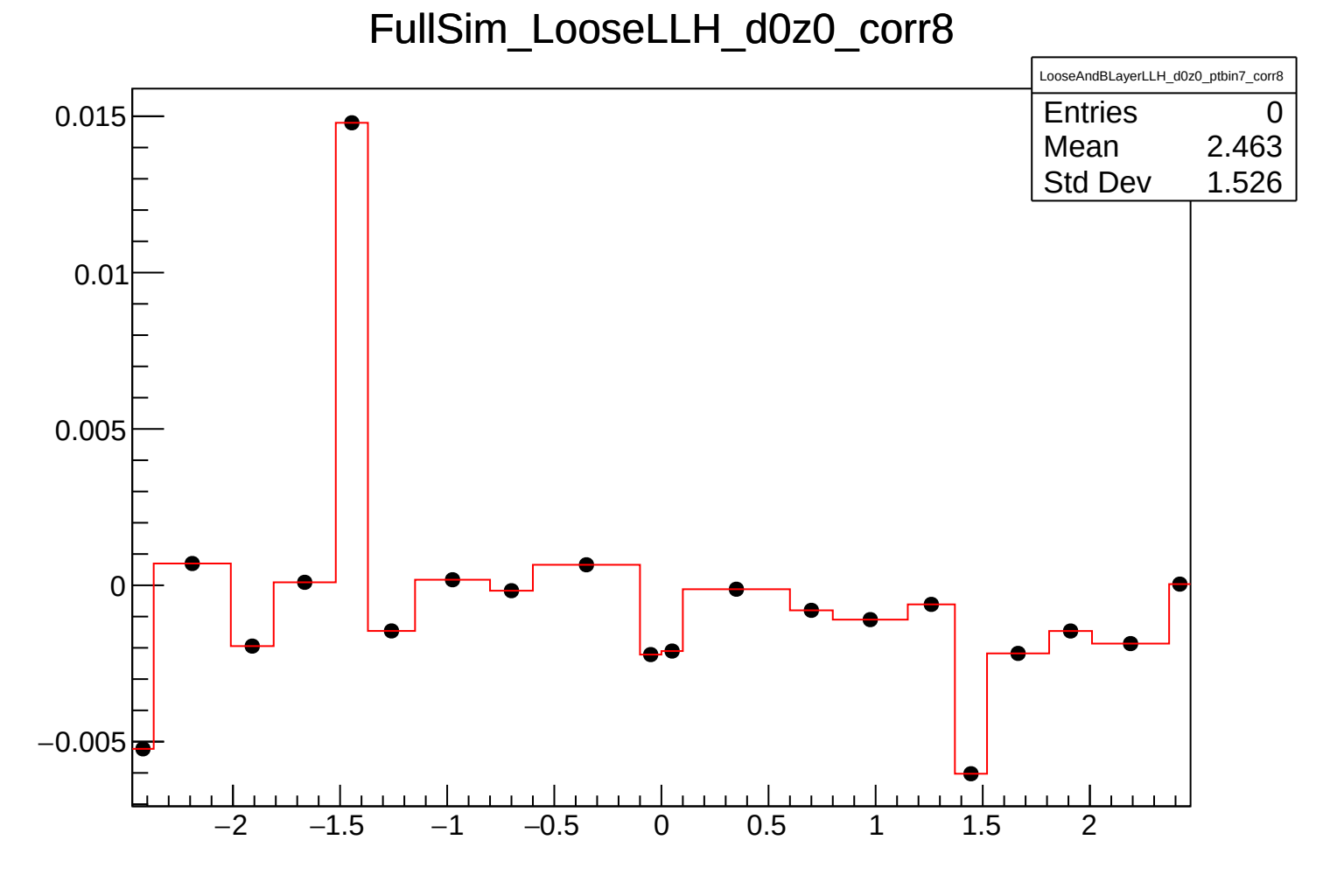
FullSim_LooseLLH_d0z0_corr8
LooseAndBLayerLLH_d0z0_ptbin7_corr8
Entries 0
Mean 2.463
Std Dev 1.526
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0.01
0.005
0
−0.005
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−0.5
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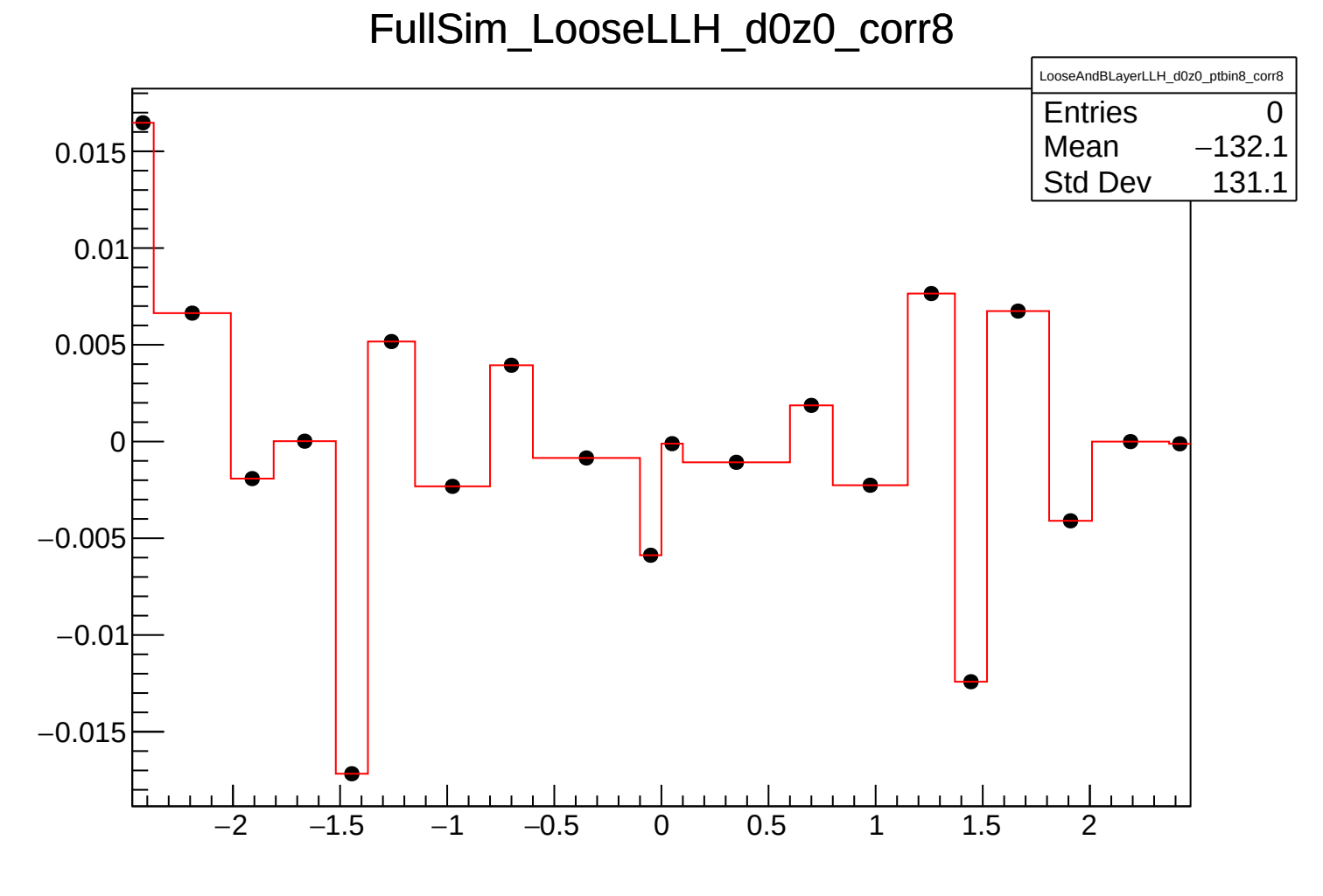
1.5
2


FullSim_LooseLLH_d0z0_corr8
LooseAndBLayerLLH_d0z0_ptbin8_corr8
Entries 0
Mean −132.1
Std Dev 131.1
0.015
0.01
0.005
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−0.015
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1.5
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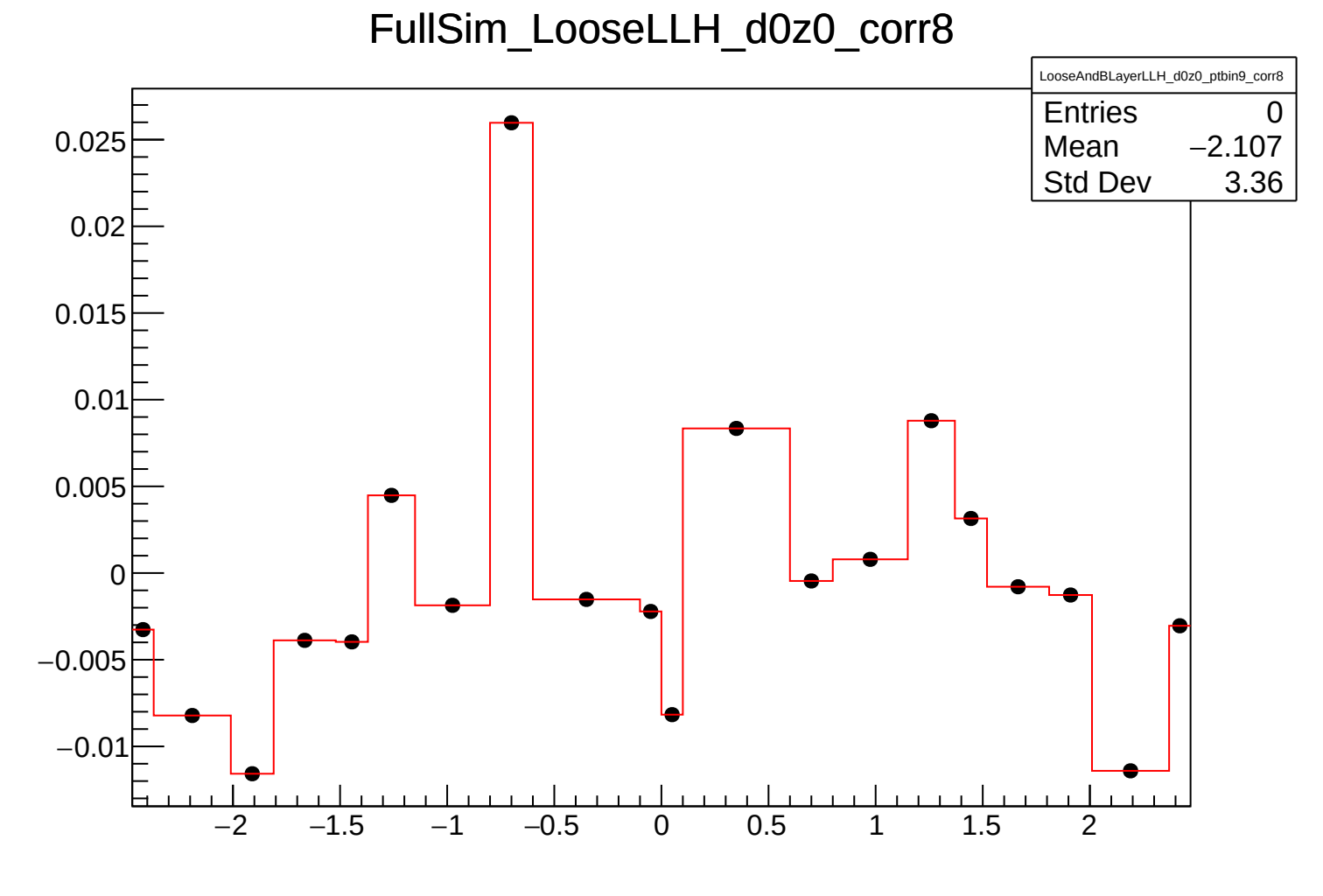
FullSim_LooseLLH_d0z0_corr8
LooseAndBLayerLLH_d0z0_ptbin9_corr8
Entries 0
Mean −2.107
Std Dev 3.36
0.025
0.02
0.015
0.01
0.005
0
−0.005
−0.01
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0.5
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1.5
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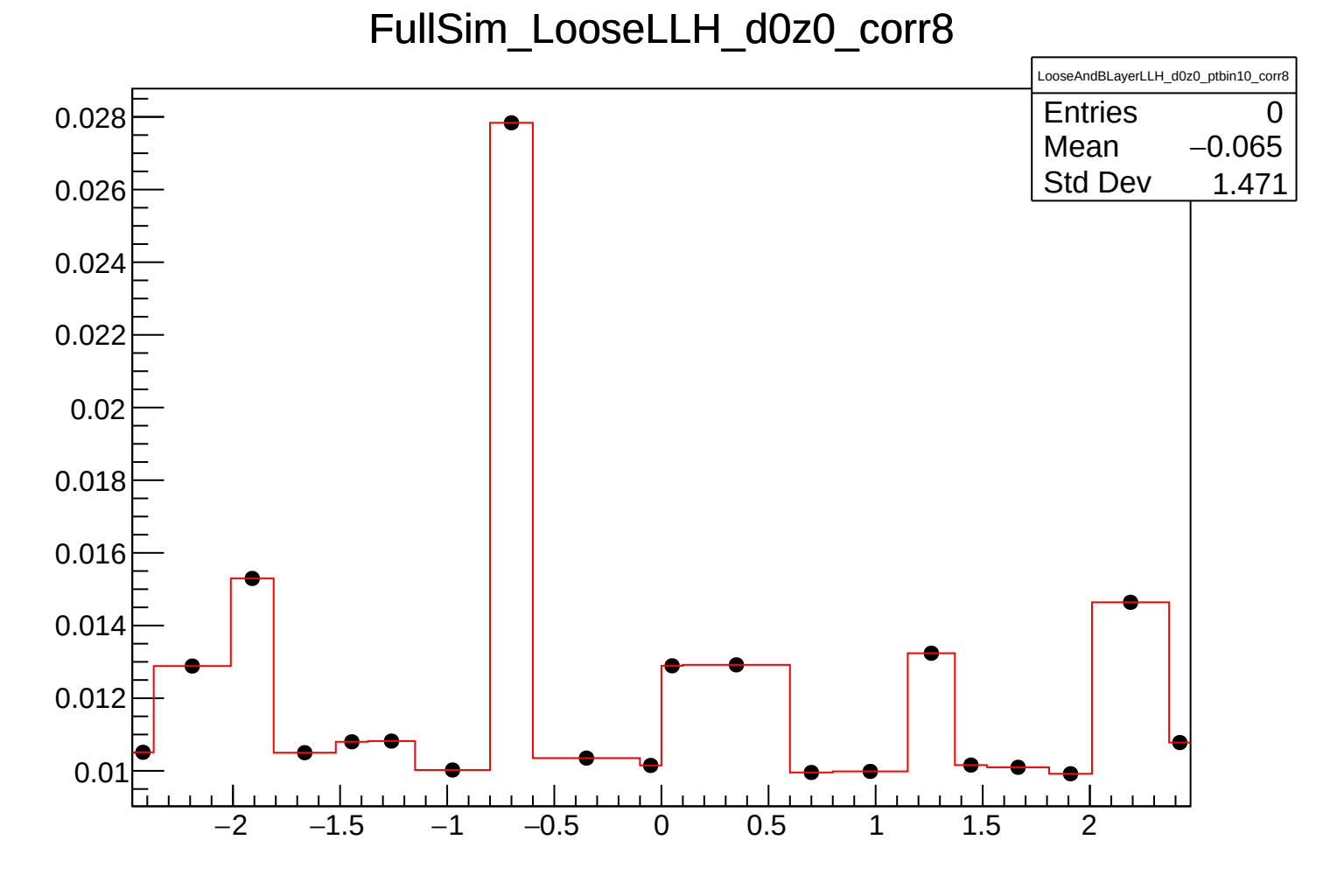
FullSim_LooseLLH_d0z0_corr8
LooseAndBLayerLLH_d0z0_ptbin10_corr8
Entries 0
Mean −0.065
Std Dev 1.471
0.028
0.026
0.024
0.022
0.02
0.018
0.016
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0.012
0.01
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1.5
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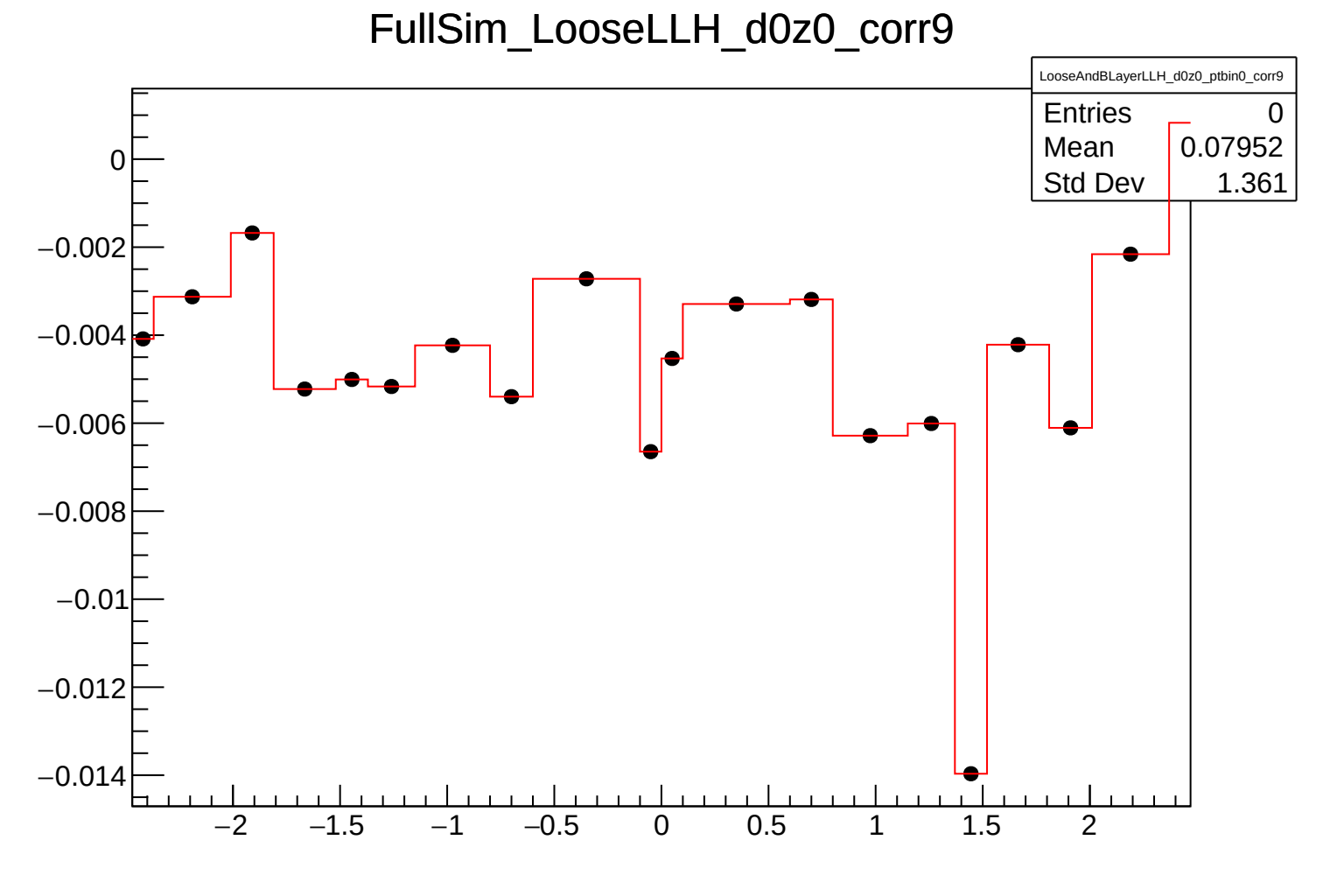
FullSim_LooseLLH_d0z0_corr9
LooseAndBLayerLLH_d0z0_ptbin0_corr9
Entries 0
Mean 0.07952
Std Dev 1.361
0
−0.002
−0.004
−0.006
−0.008
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−0.014
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−1.5
−1
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0.5
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1.5
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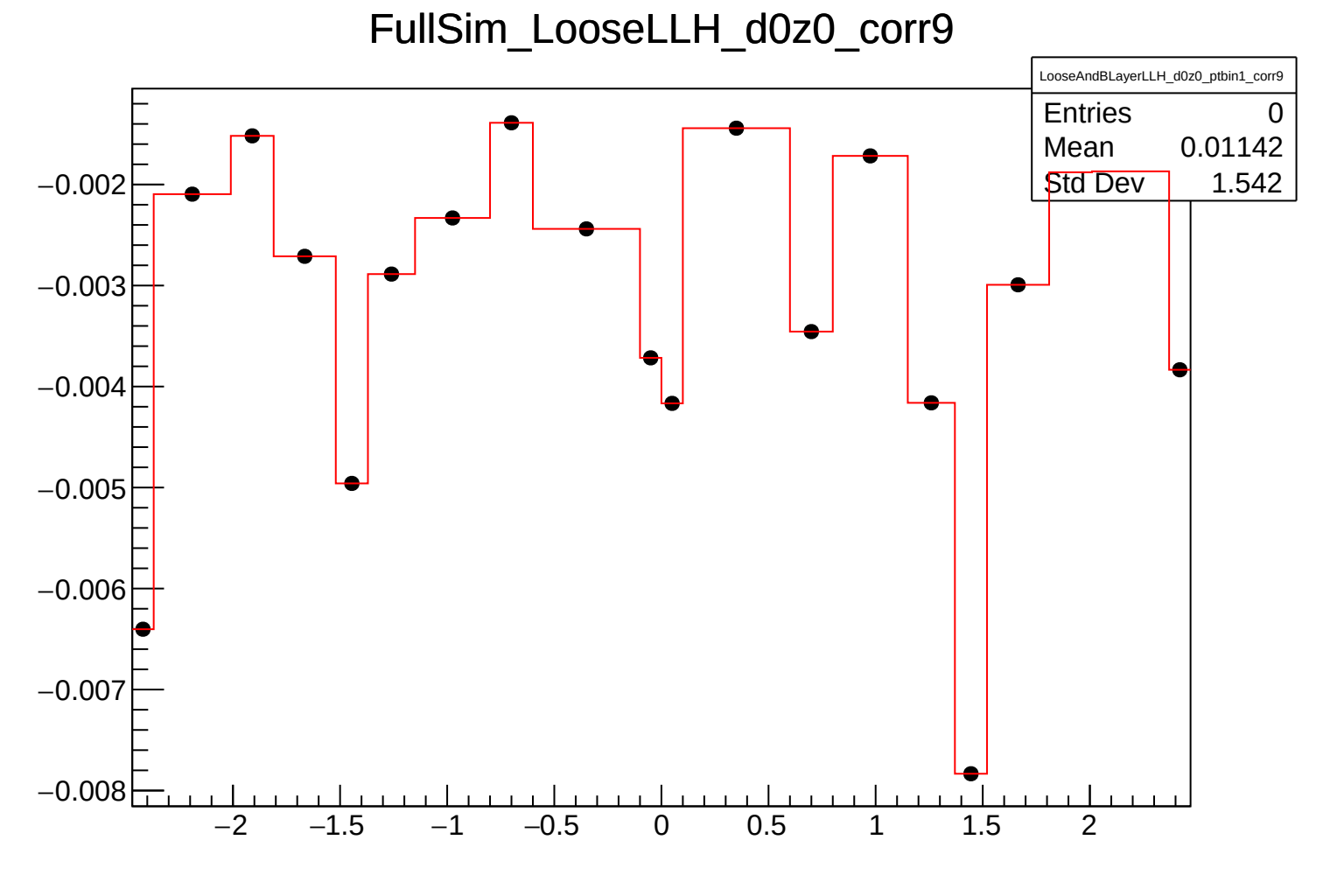
FullSim_LooseLLH_d0z0_corr9
LooseAndBLayerLLH_d0z0_ptbin1_corr9
Entries 0
Mean 0.01142
Std Dev 1.542
−0.002
−0.003
−0.004
−0.005
−0.006
−0.007
−0.008
−2
−1.5
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−0.5
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0.5
1
1.5
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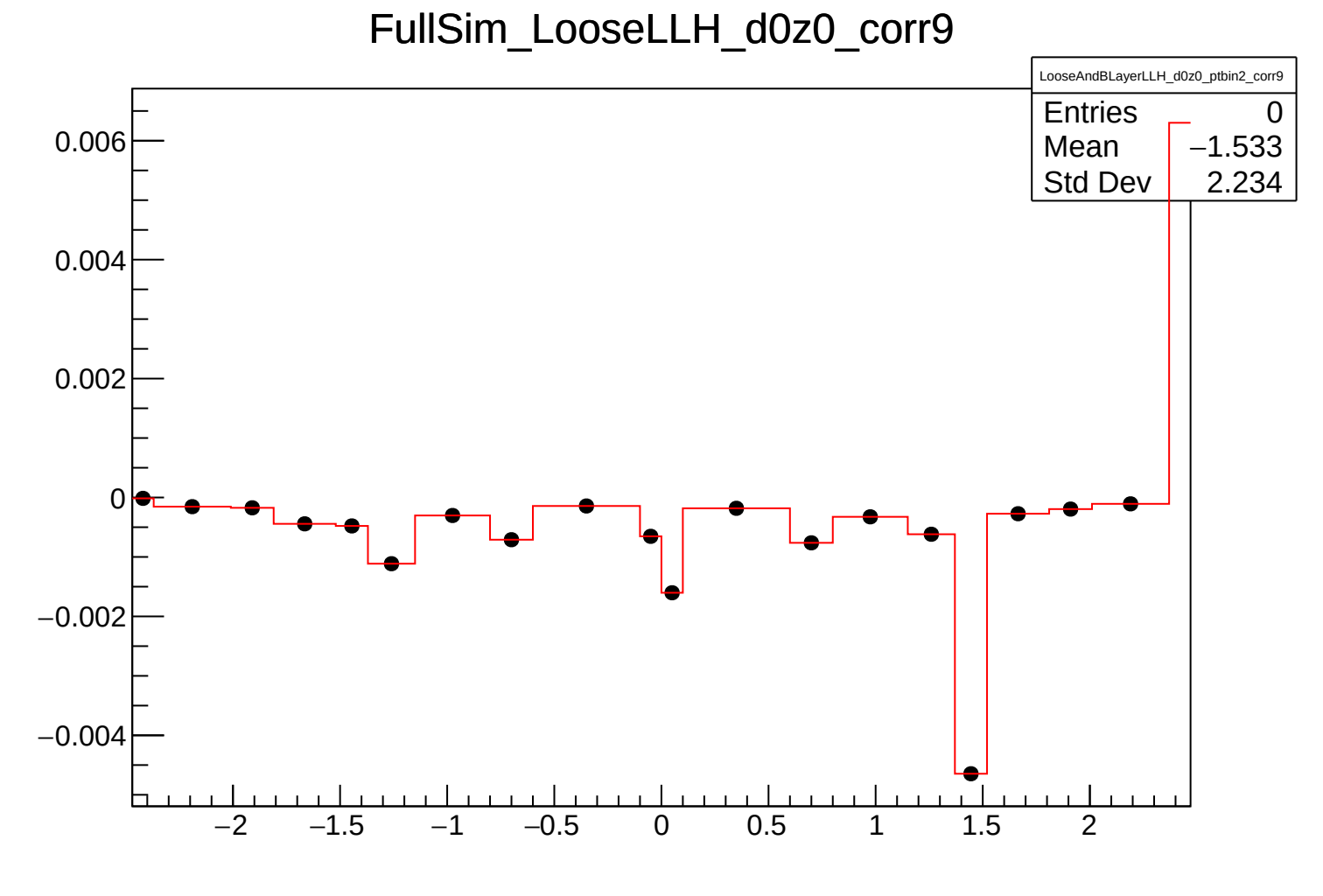
FullSim_LooseLLH_d0z0_corr9
LooseAndBLayerLLH_d0z0_ptbin2_corr9
Entries 0
Mean −1.533
Std Dev 2.234
0.006
0.004
0.002
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−0.002
−0.004
−2
−1.5
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−0.5
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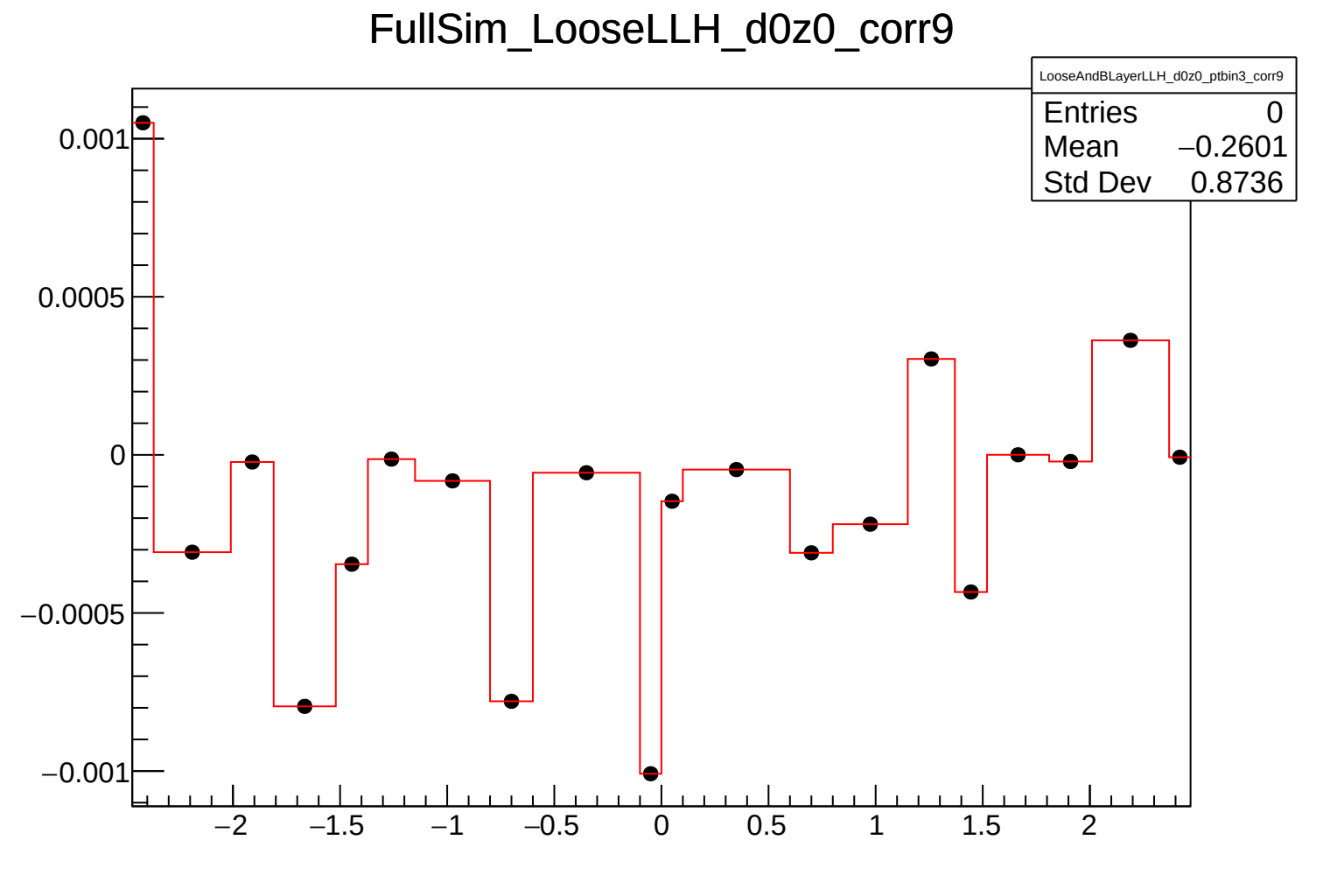
0.5
1
1.5
2


FullSim_LooseLLH_d0z0_corr9
LooseAndBLayerLLH_d0z0_ptbin3_corr9
Entries 0
Mean −0.2601
Std Dev 0.8736
0.001
0.0005
0
−0.0005
−0.001
−2
−1.5
−1
−0.5
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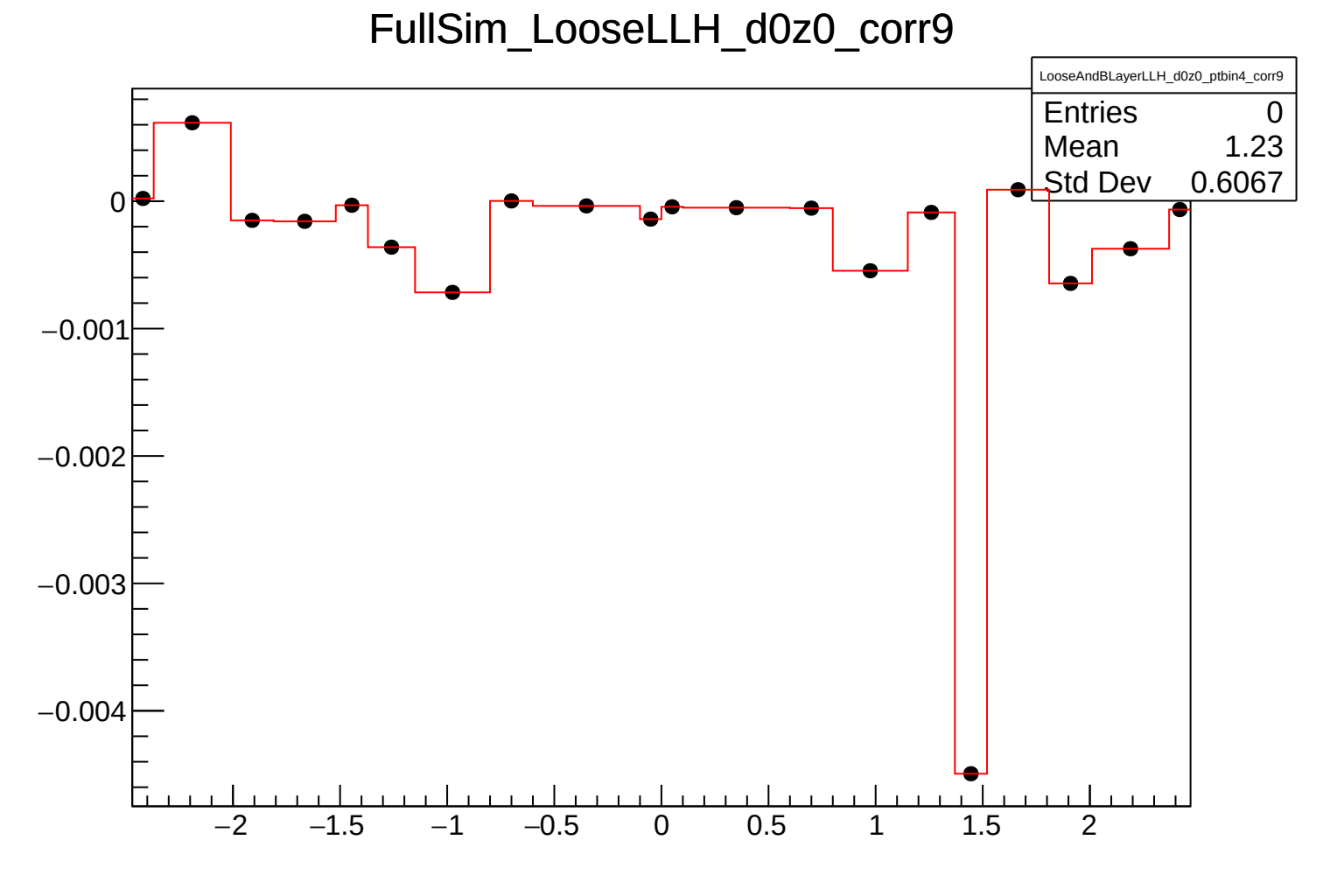
0.5
1
1.5
2


FullSim_LooseLLH_d0z0_corr9
LooseAndBLayerLLH_d0z0_ptbin4_corr9
Entries 0
Mean 1.23
Std Dev 0.6067
0
−0.001
−0.002
−0.003
−0.004
−2
−1.5
−1
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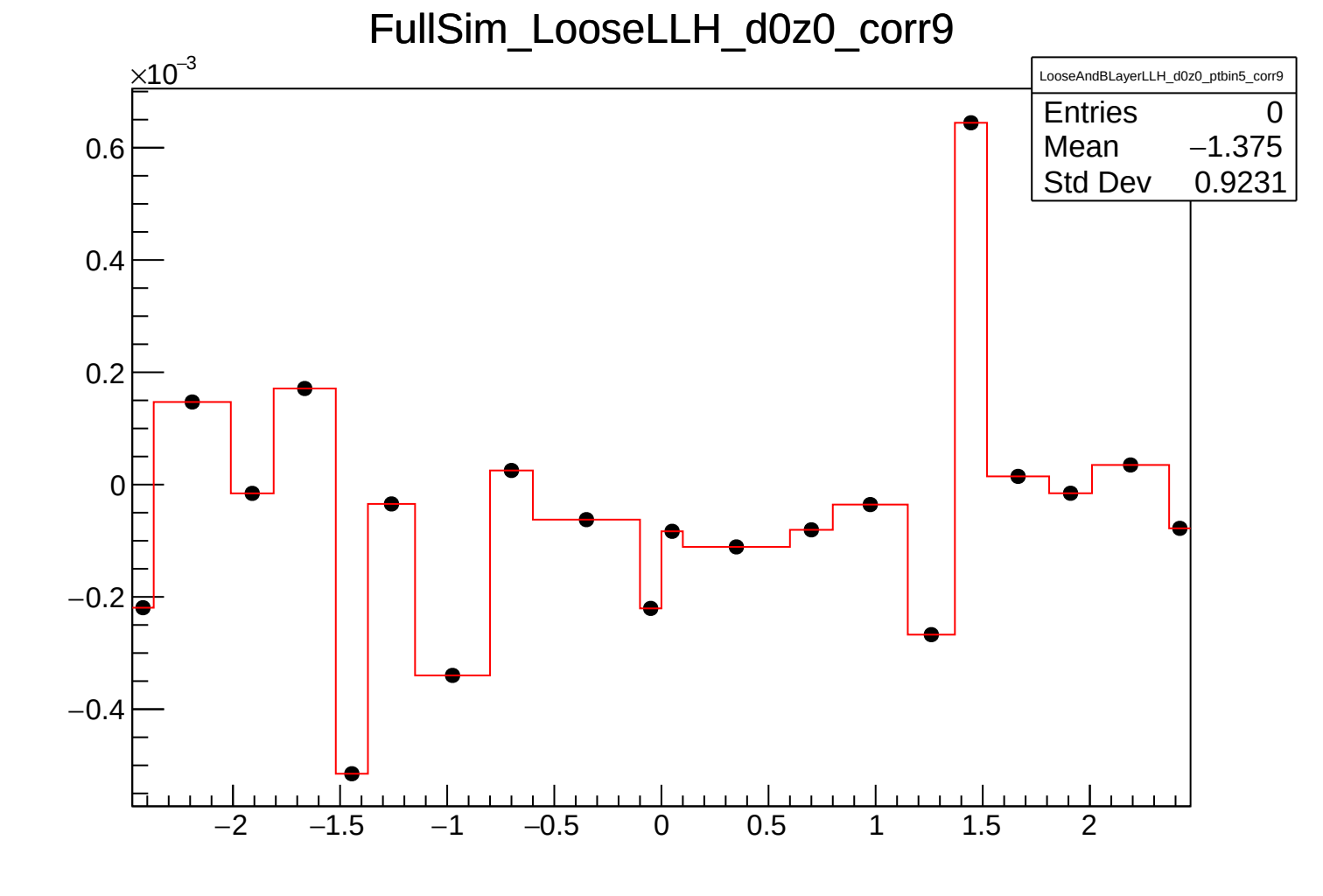
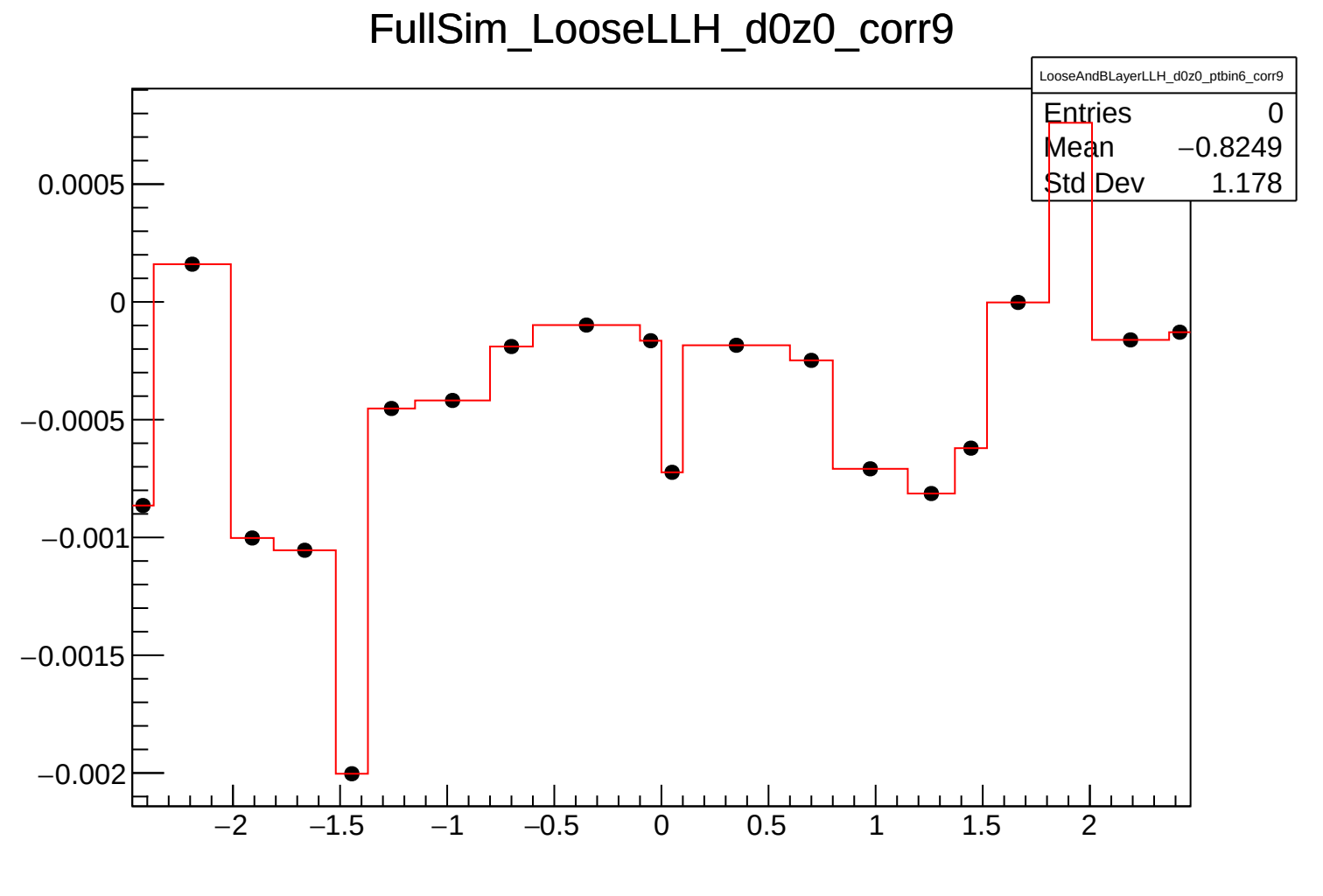
1
1.5
2


FullSim_LooseLLH_d0z0_corr9
×10^−3
0.6
0.4
0.2
0
−0.2
−0.4
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2
LooseAndBLayerLLH_d0z0_ptbin5_corr9
Entries 0
Mean −1.375
Std Dev 0.9231


FullSim_LooseLLH_d0z0_corr9
LooseAndBLayerLLH_d0z0_ptbin6_corr9
Entries 0
Mean −0.8249
Std Dev 1.178
0.0005
0
−0.0005
−0.001
−0.0015
−0.002
−2
−1.5
−1
−0.5
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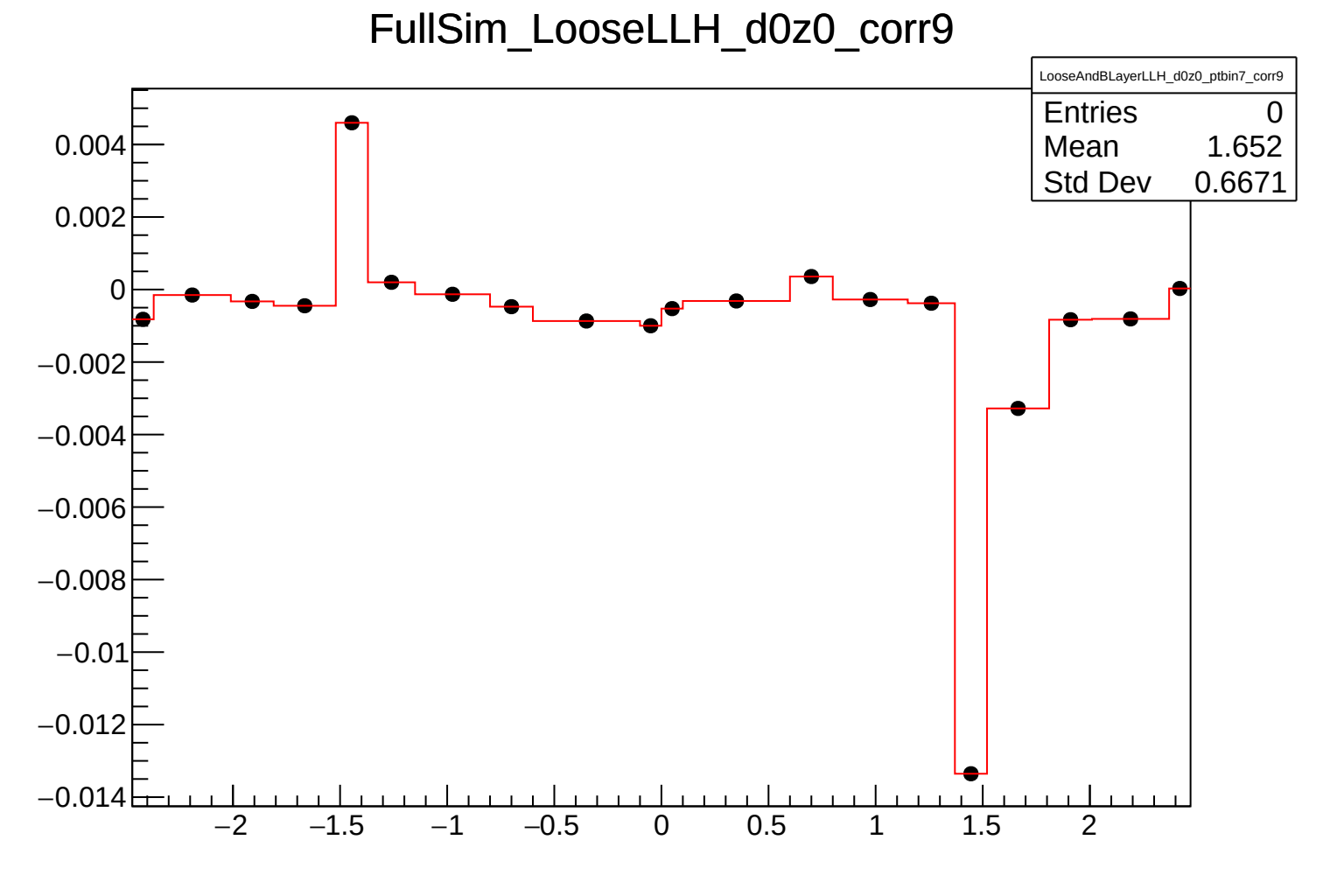
0.5
1
1.5
2


FullSim_LooseLLH_d0z0_corr9
LooseAndBLayerLLH_d0z0_ptbin7_corr9
Entries 0
Mean 1.652
Std Dev 0.6671
0.004
0.002
0
−0.002
−0.004
−0.006
−0.008
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−0.014
−2
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1
1.5
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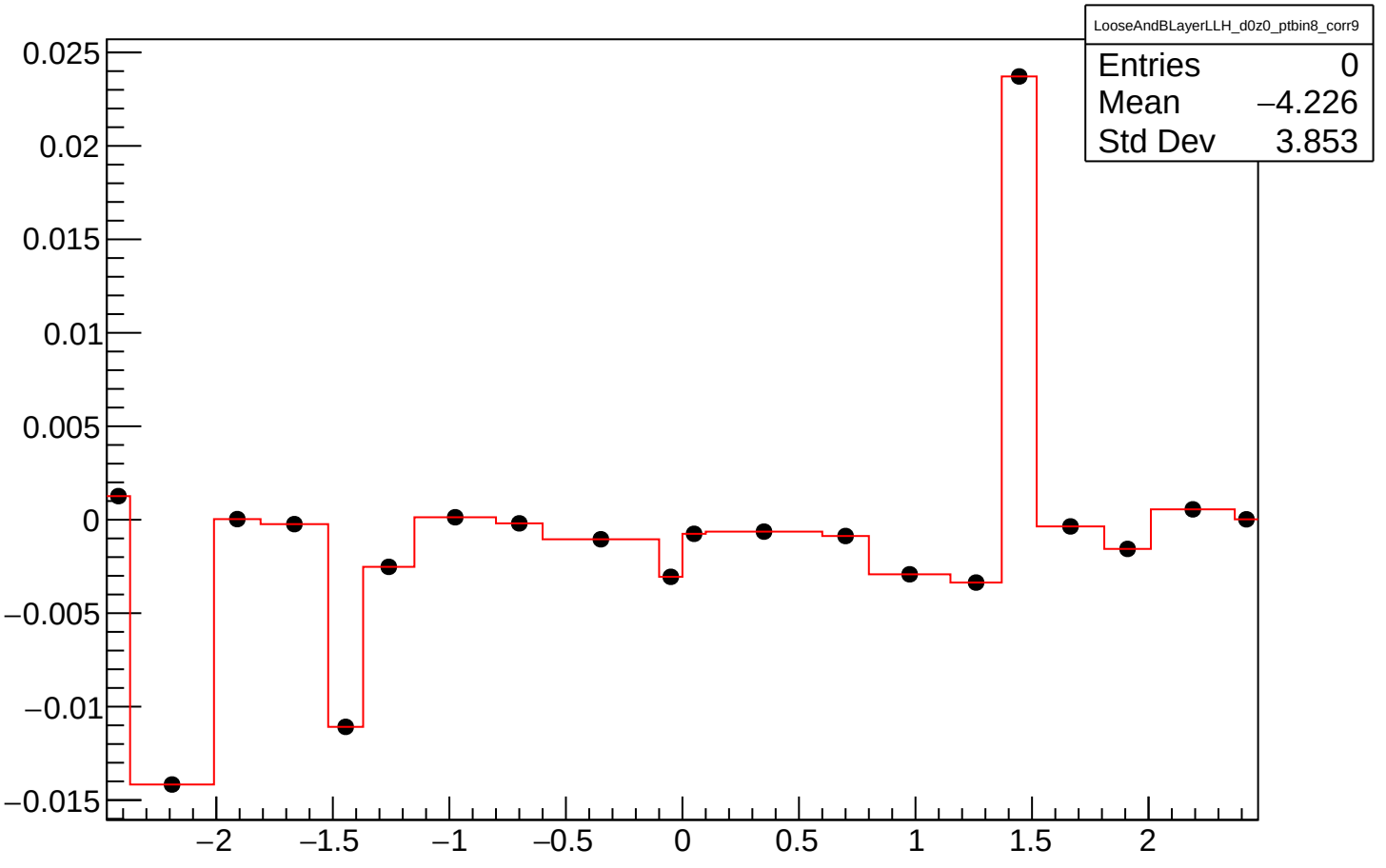
FullSim_LooseLLH_d0z0_corr9
LooseAndBLayerLLH_d0z0_ptbin8_corr9
Entries 0
Mean −4.226
Std Dev 3.853
0.025
0.02
0.015
0.01
0.005
0
−0.005
−0.01
−0.015
−2
−1.5
−1
−0.5
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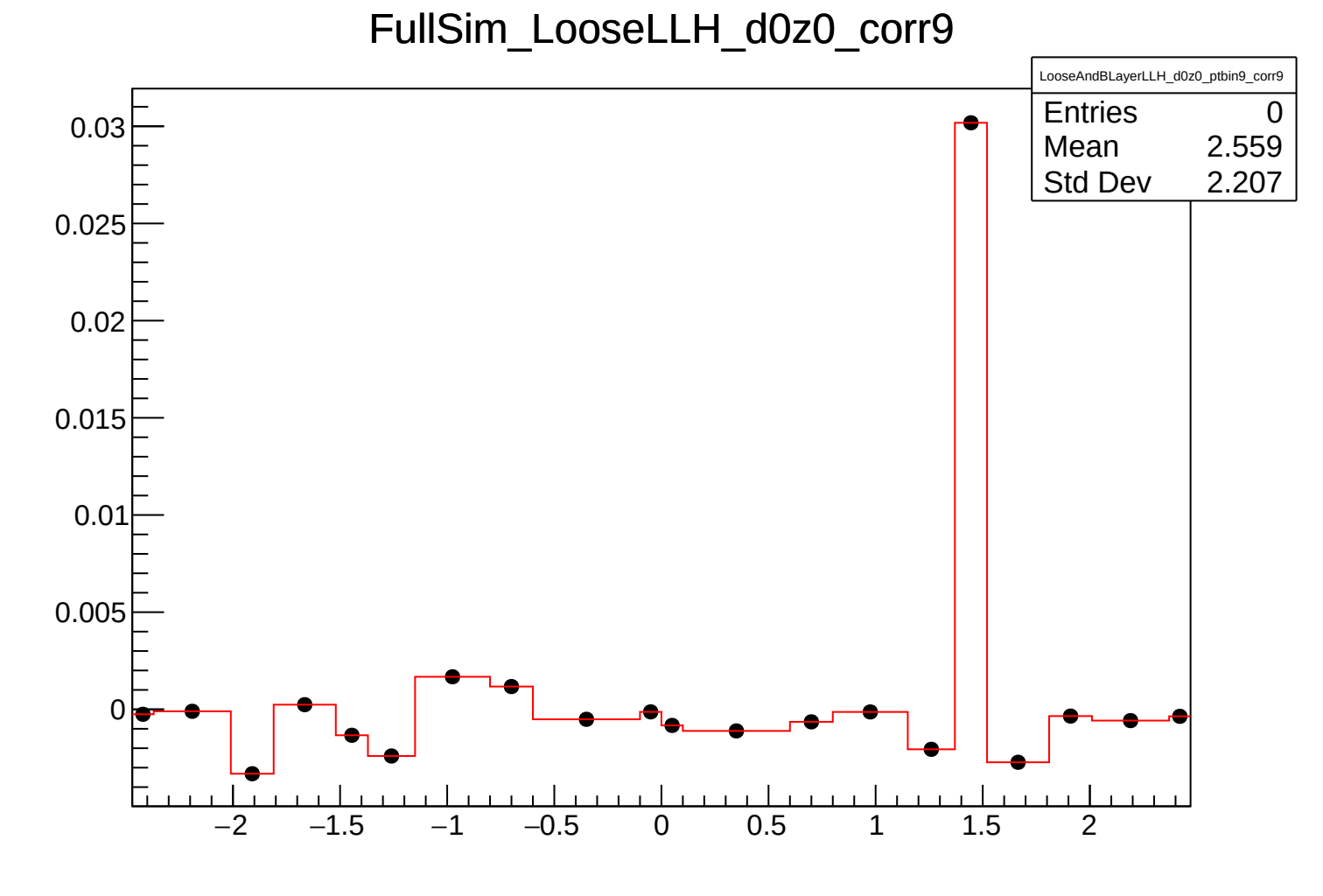
1
1.5
2


FullSim_LooseLLH_d0z0_corr9
LooseAndBLayerLLH_d0z0_ptbin9_corr9
Entries 0
Mean 2.559
Std Dev 2.207
0.03
0.025
0.02
0.015
0.01
0.005
0
−2
−1.5
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1.5
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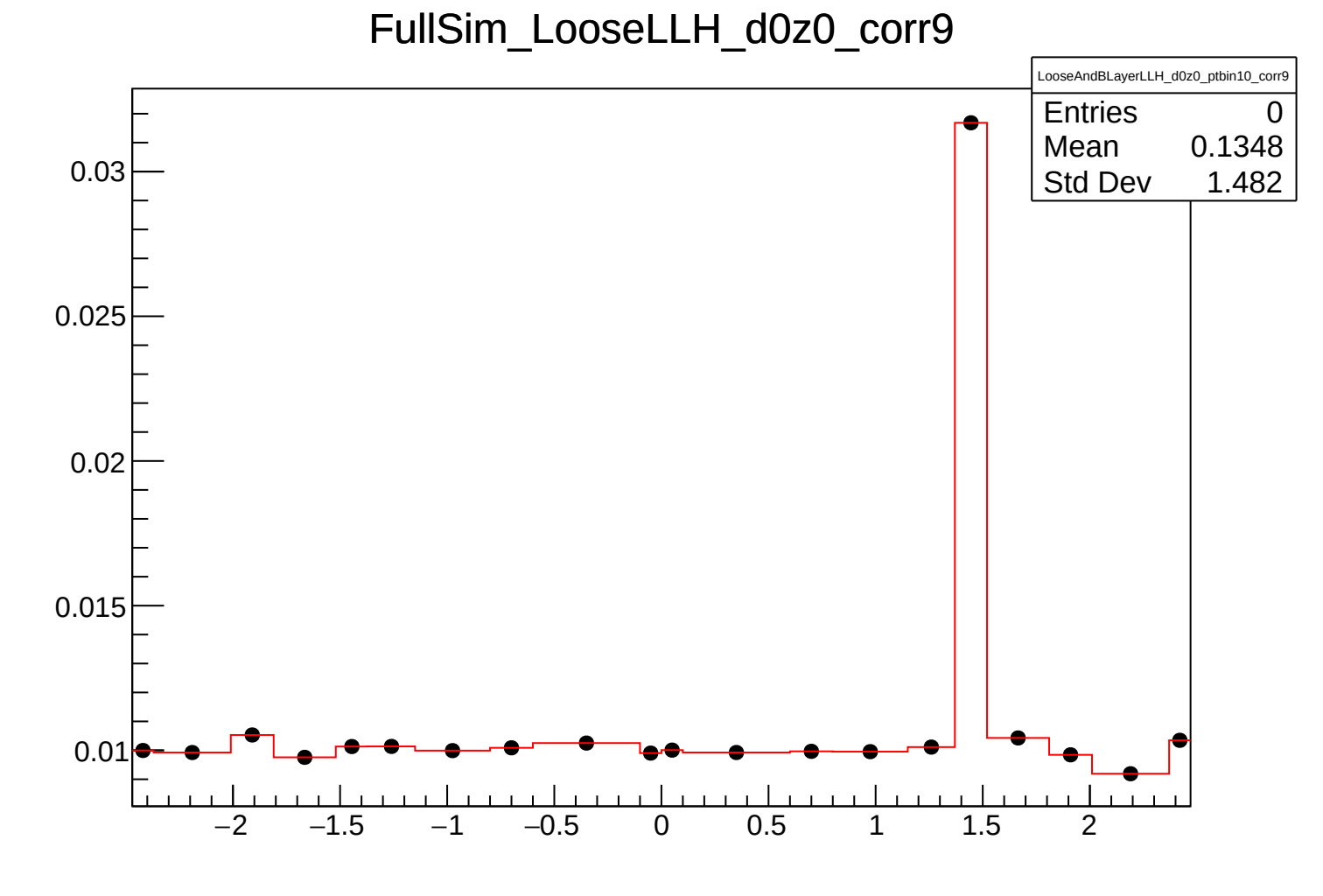
FullSim_LooseLLH_d0z0_corr9
LooseAndBLayerLLH_d0z0_ptbin10_corr9
Entries 0
Mean 0.1348
Std Dev 1.482
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0.025
0.02
0.015
0.01
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1.5
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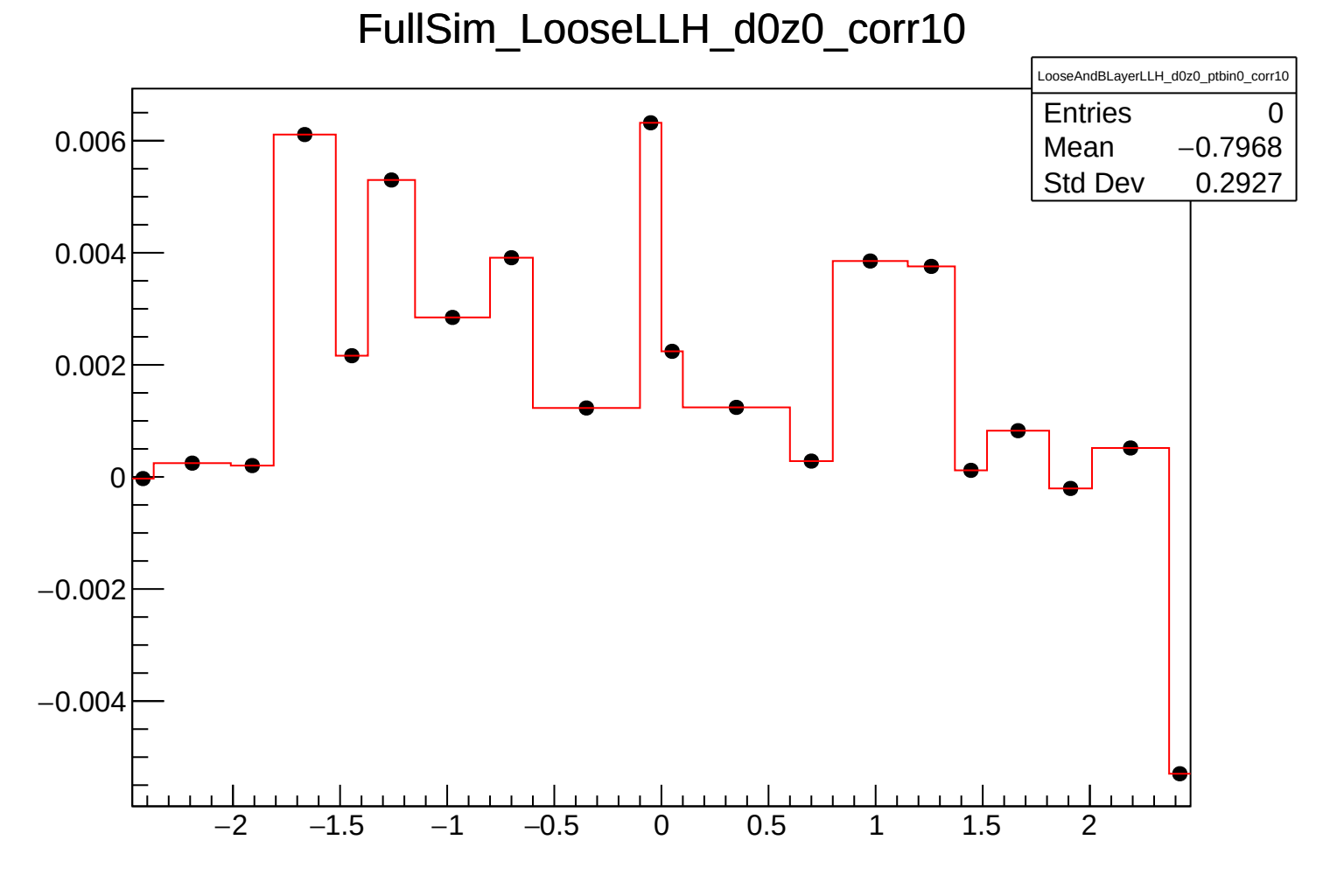
FullSim_LooseLLH_d0z0_corr10
LooseAndBLayerLLH_d0z0_ptbin0_corr10
Entries 0
Mean −0.7968
Std Dev 0.2927
0.006
0.004
0.002
0
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−0.004
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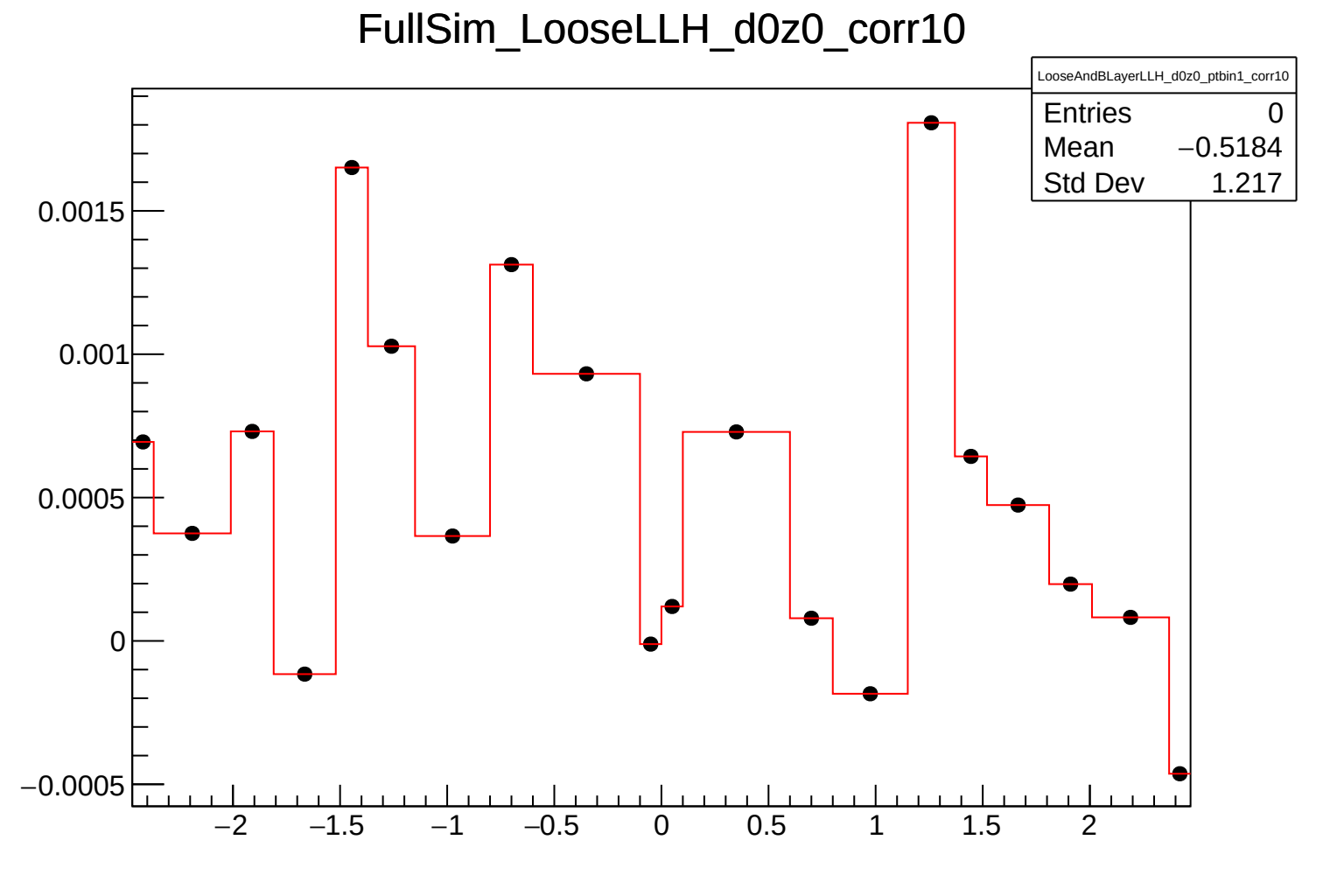
FullSim_LooseLLH_d0z0_corr10
LooseAndBLayerLLH_d0z0_ptbin1_corr10
Entries 0
Mean −0.5184
Std Dev 1.217
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0.001
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0
−0.0005
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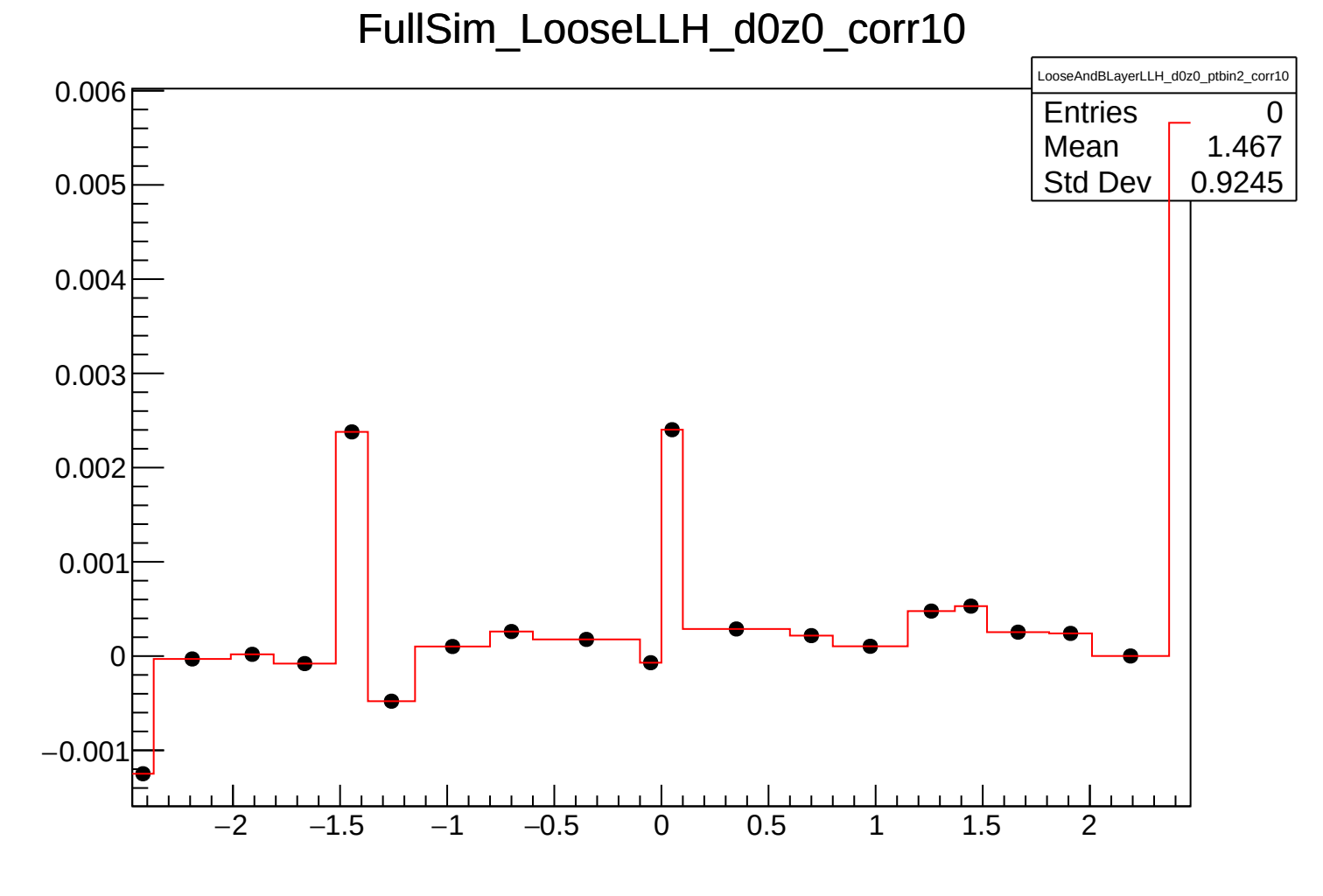
FullSim_LooseLLH_d0z0_corr10
LooseAndBLayerLLH_d0z0_ptbin2_corr10
Entries 0
Mean 1.467
Std Dev 0.9245
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0.005
0.004
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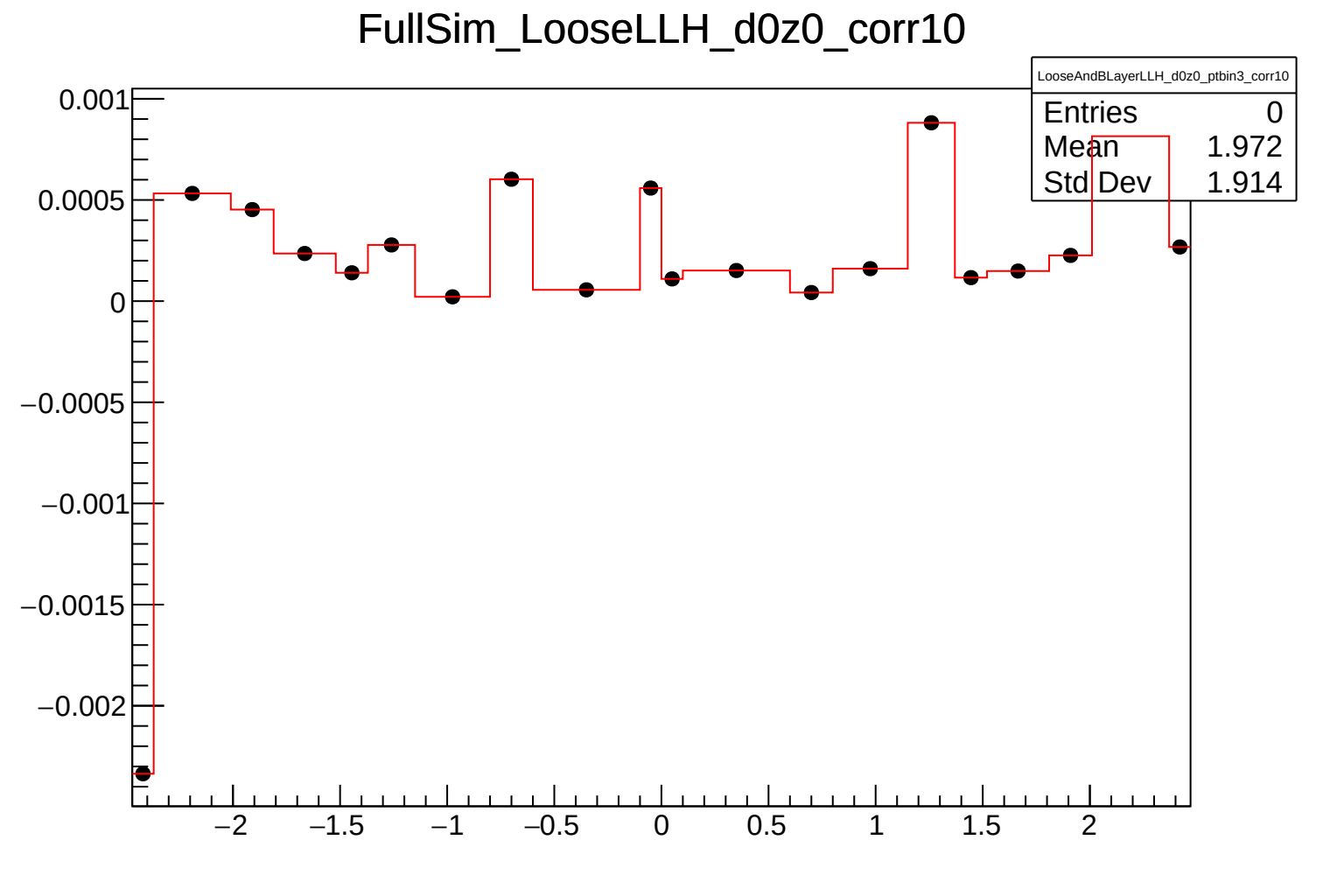
FullSim_LooseLLH_d0z0_corr10
LooseAndBLayerLLH_d0z0_ptbin3_corr10
Entries 0
Mean 1.972
Std Dev 1.914
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0.0005
0
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1.5
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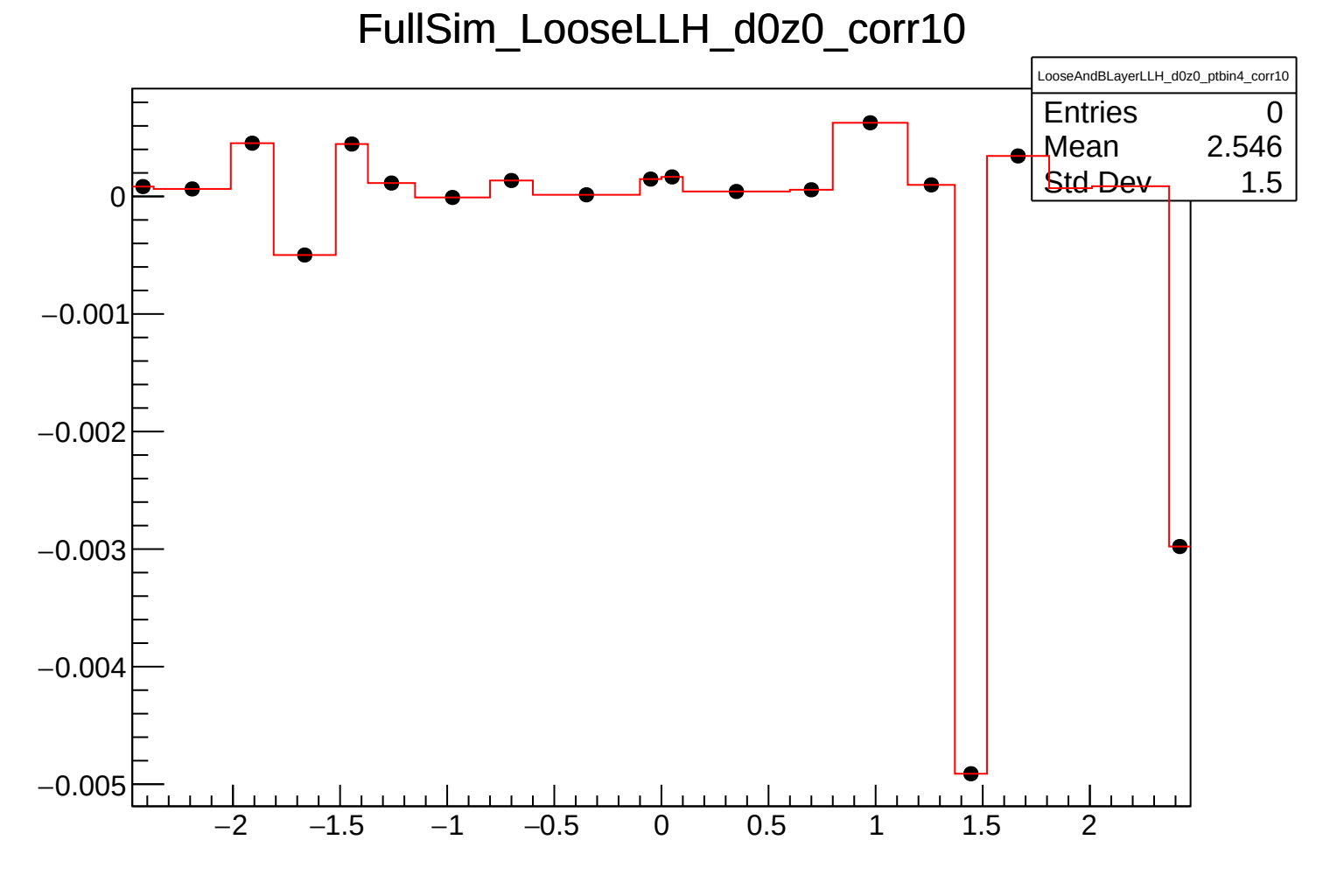
FullSim_LooseLLH_d0z0_corr10
LooseAndBLayerLLH_d0z0_ptbin4_corr10
Entries 0
Mean 2.546
Std Dev 1.5
0
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−0.005
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1.5
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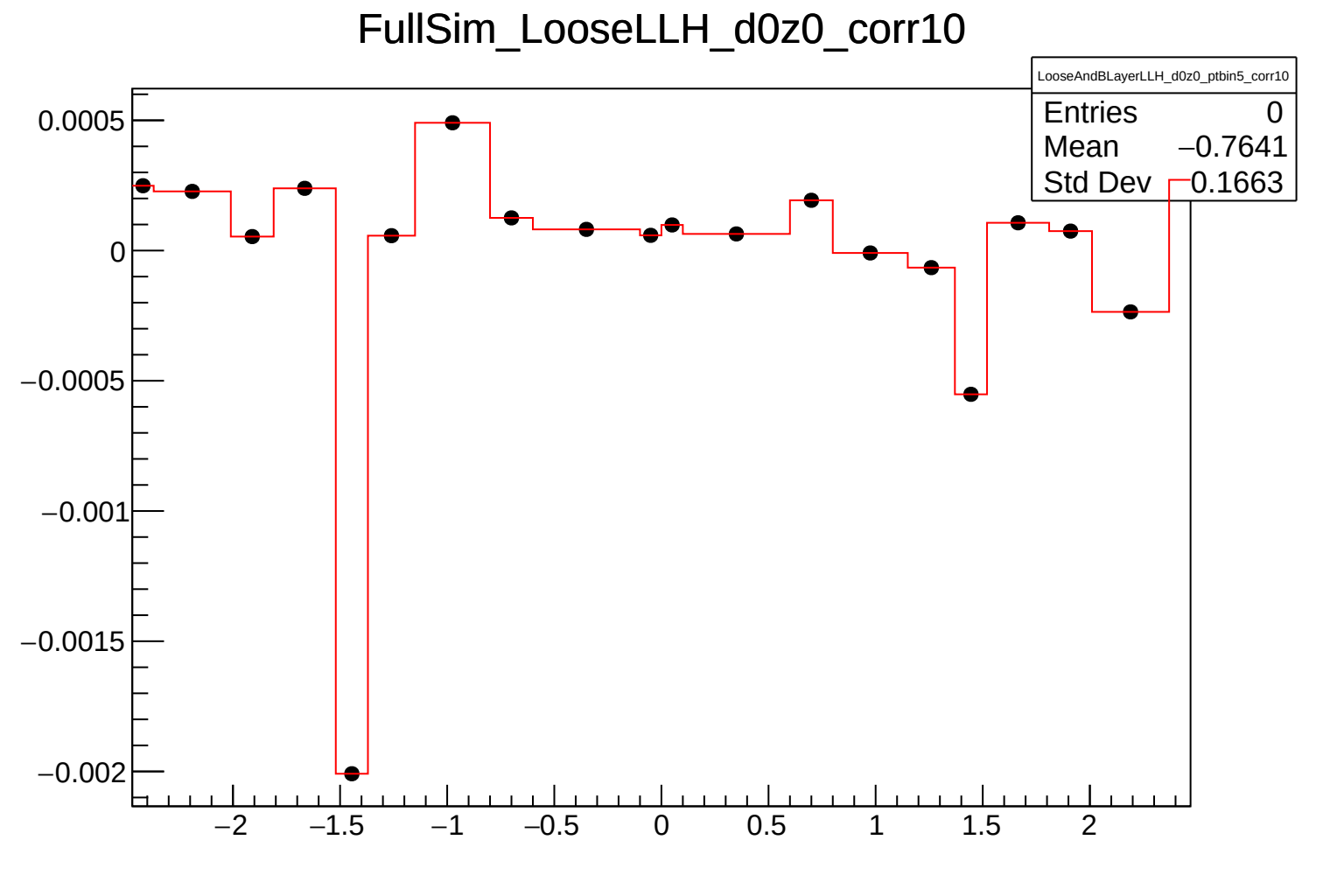
FullSim_LooseLLH_d0z0_corr10
LooseAndBLayerLLH_d0z0_ptbin5_corr10
Entries 0
Mean −0.7641
Std Dev 0.1663
0.0005
0
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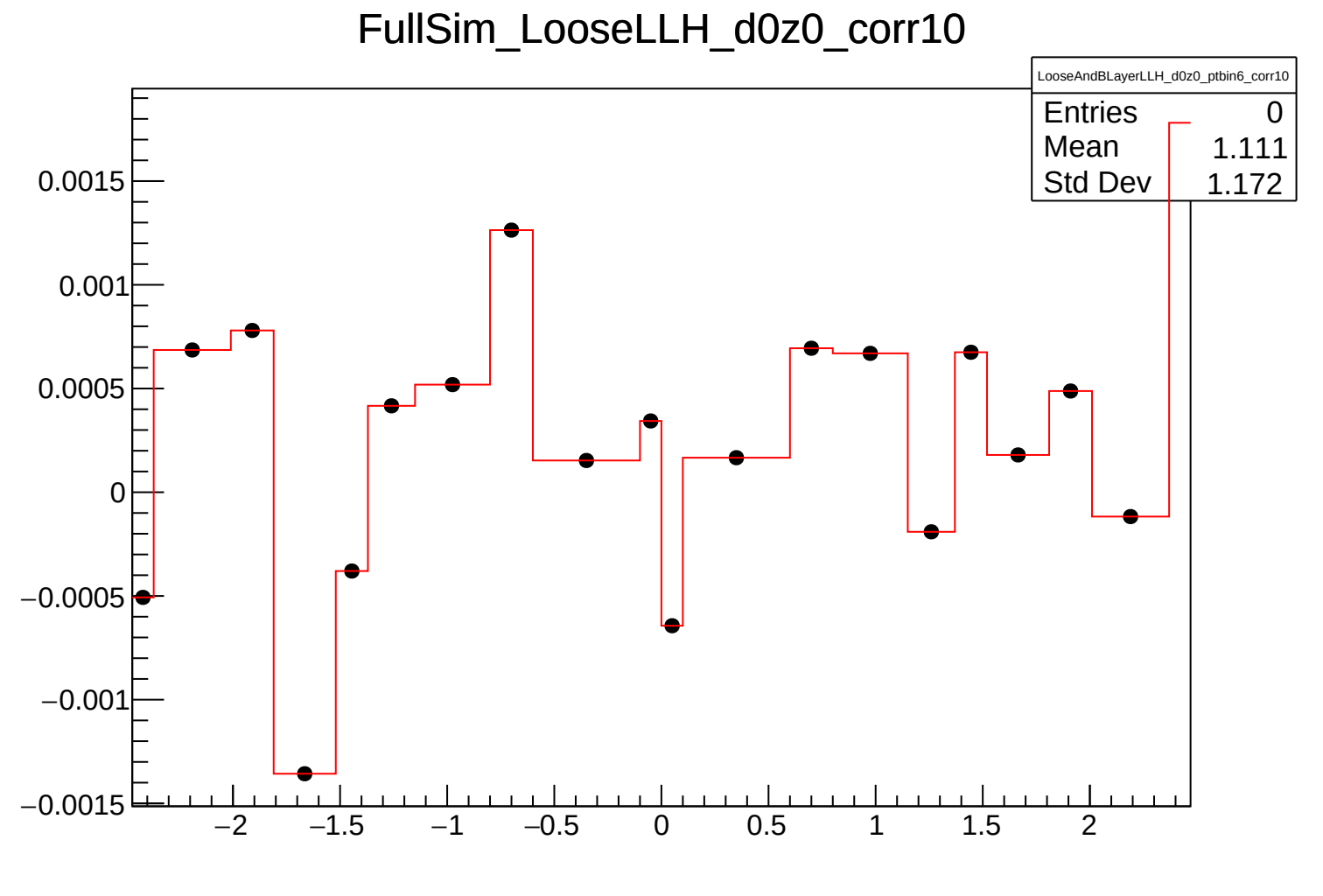
FullSim_LooseLLH_d0z0_corr10
LooseAndBLayerLLH_d0z0_ptbin6_corr10
Entries 0
Mean 1.111
Std Dev 1.172
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0.001
0.0005
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−0.0015
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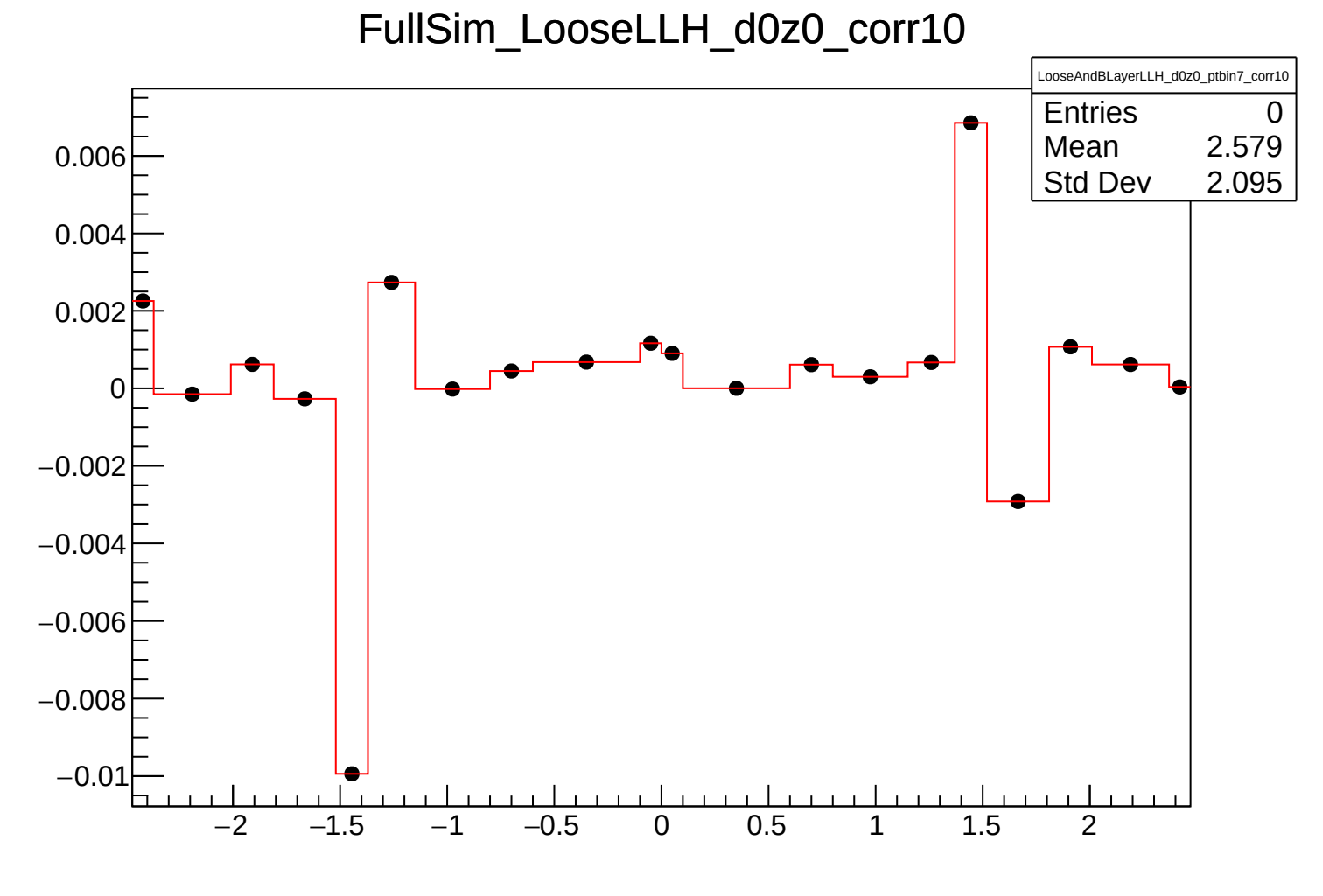
FullSim_LooseLLH_d0z0_corr10
LooseAndBLayerLLH_d0z0_ptbin7_corr10
Entries 0
Mean 2.579
Std Dev 2.095
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0.004
0.002
0
−0.002
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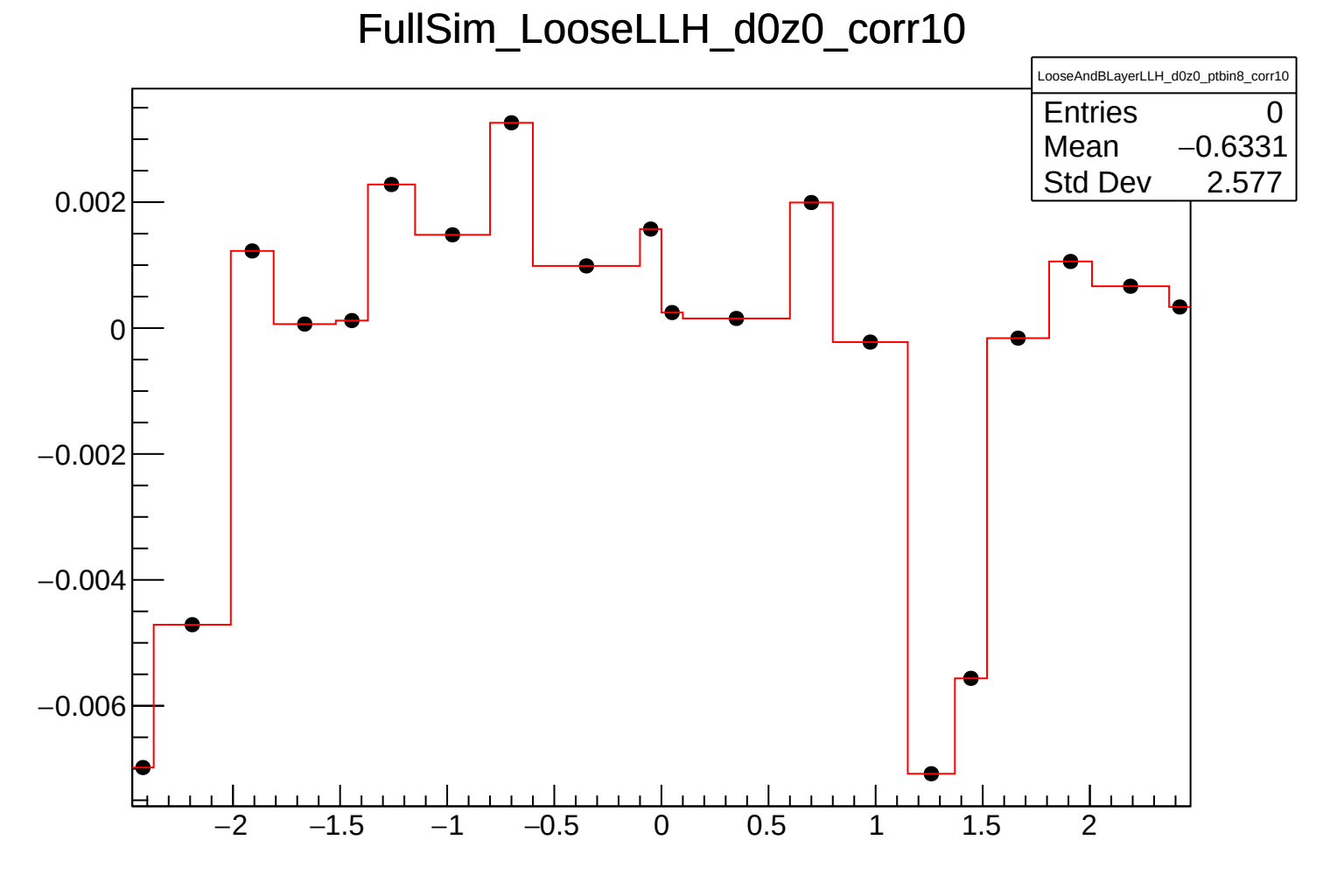
FullSim_LooseLLH_d0z0_corr10
LooseAndBLayerLLH_d0z0_ptbin8_corr10
Entries 0
Mean −0.6331
Std Dev 2.577
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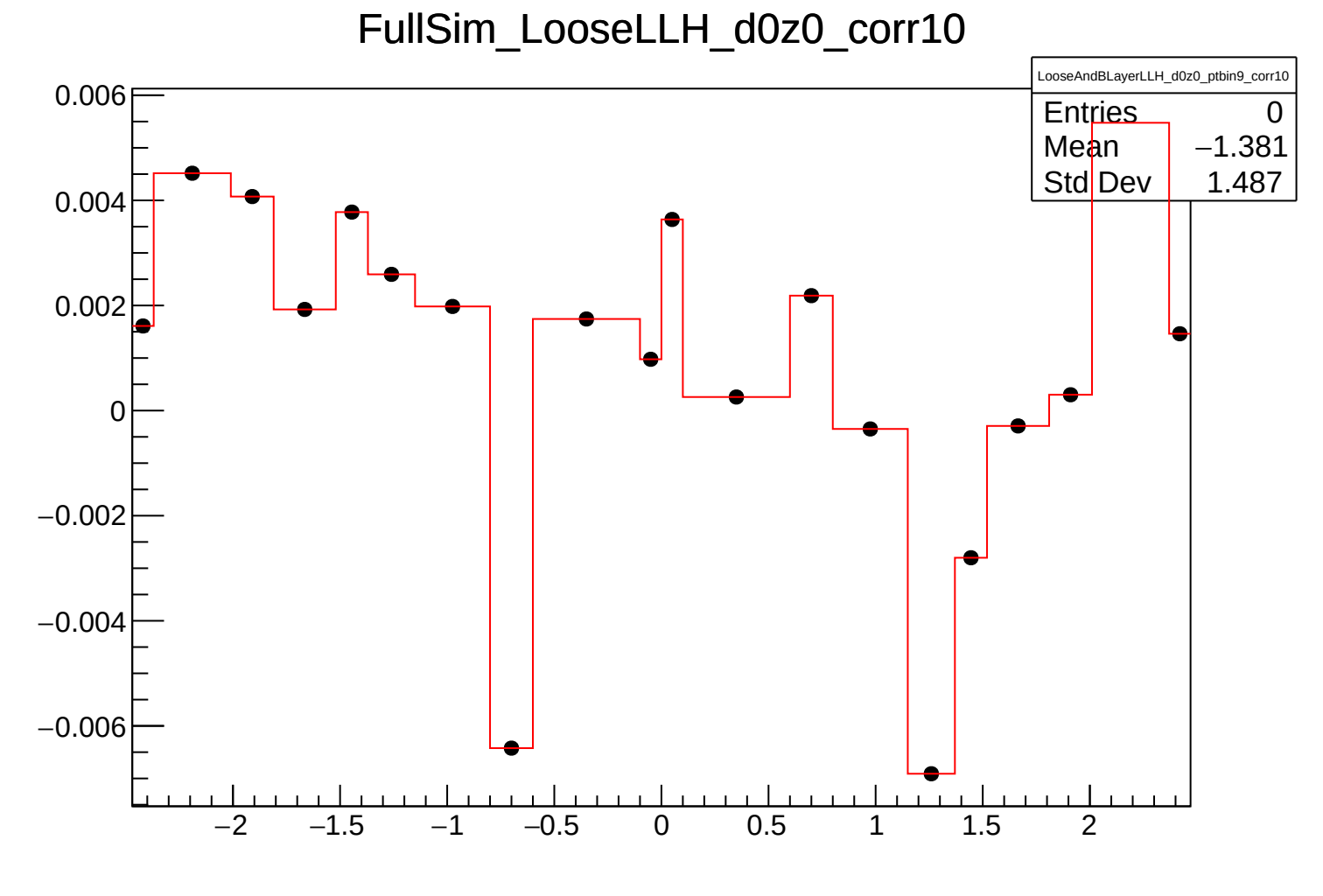
FullSim_LooseLLH_d0z0_corr10
LooseAndBLayerLLH_d0z0_ptbin9_corr10
Entries 0
Mean −1.381
Std Dev 1.487
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0.004
0.002
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−0.006
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1.5
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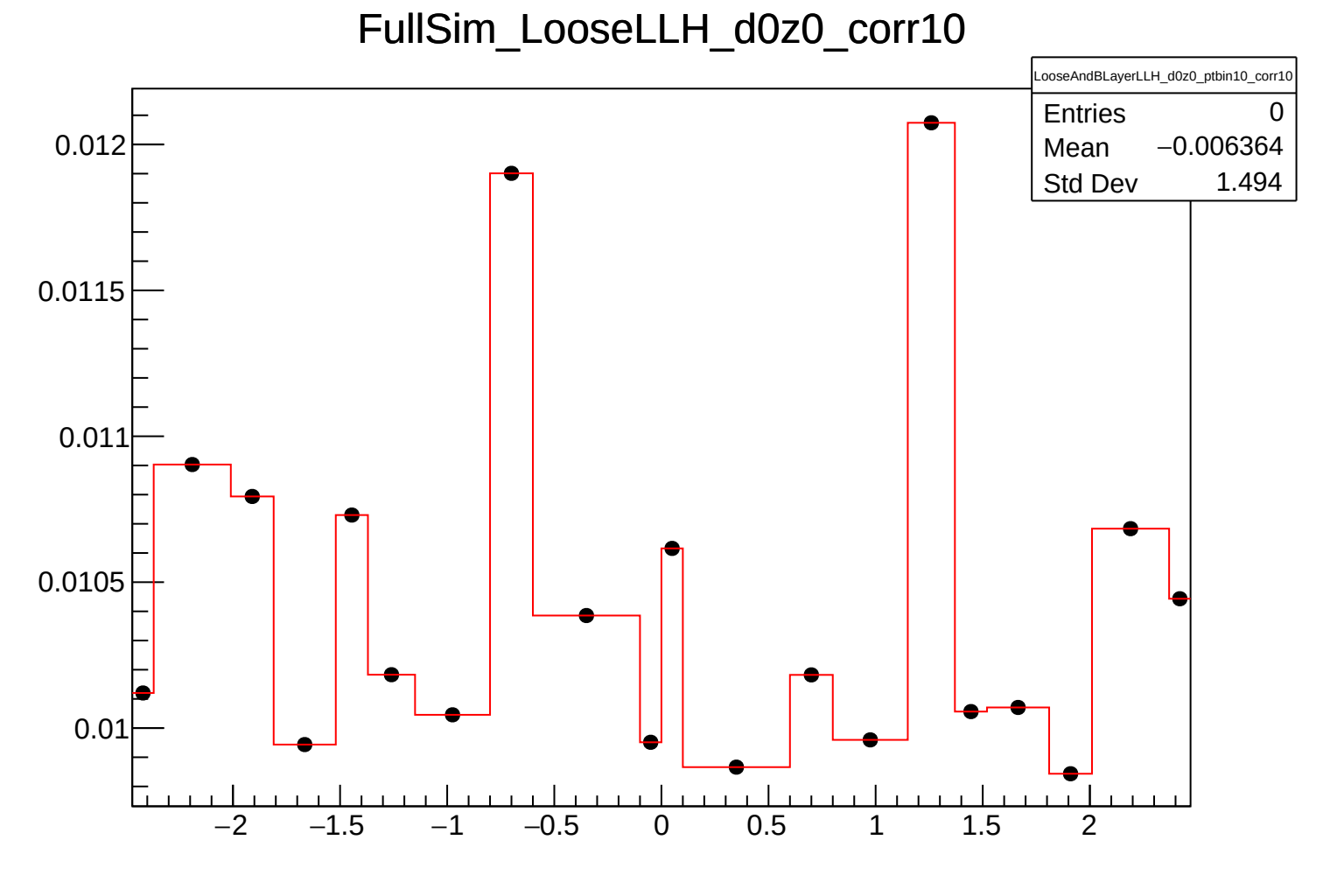
FullSim_LooseLLH_d0z0_corr10
LooseAndBLayerLLH_d0z0_ptbin10_corr10
Entries 0
Mean −0.006364
Std Dev 1.494
0.012
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0.011
0.0105
0.01
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−1.5
−1
−0.5
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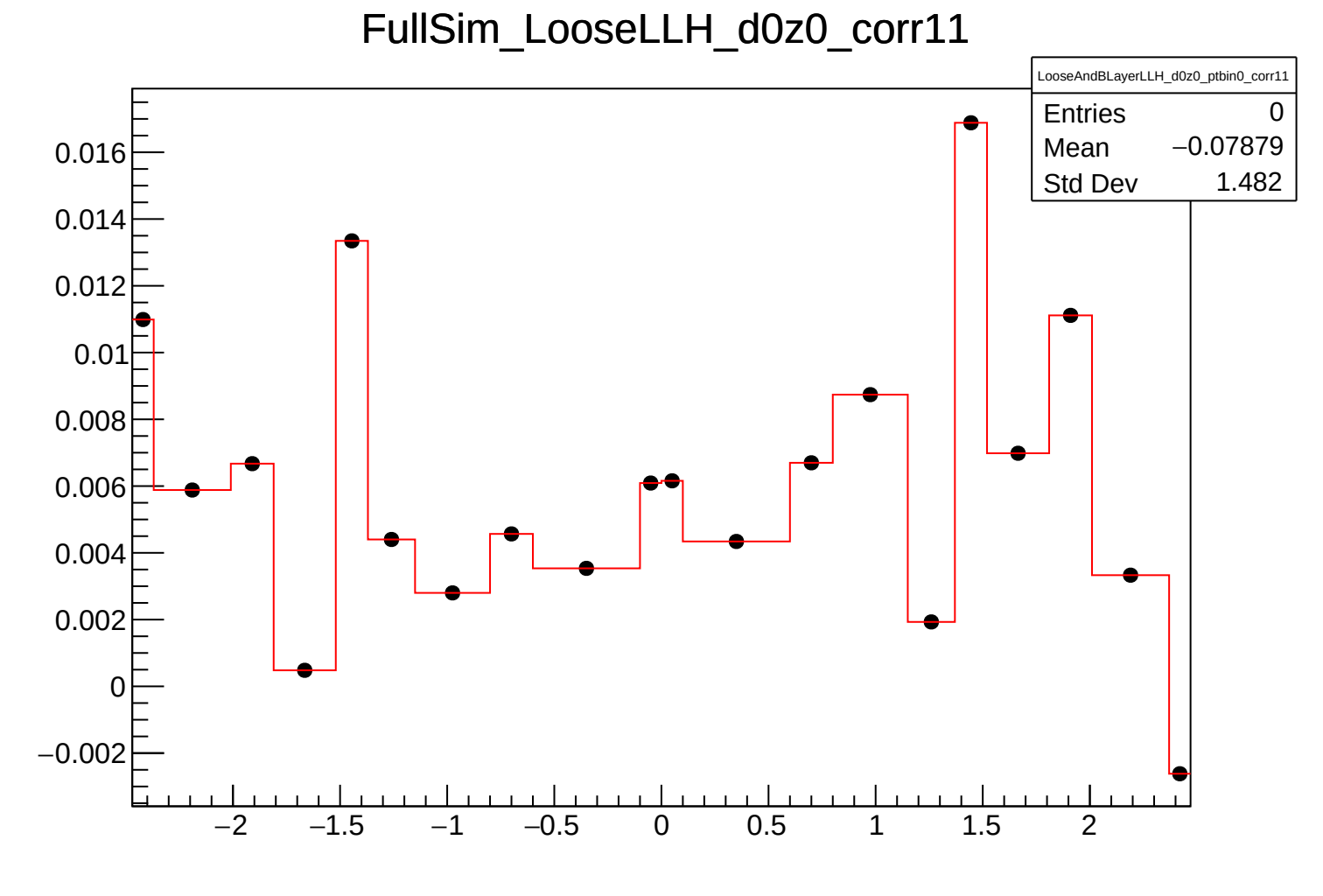
0.5
1
1.5
2


FullSim_LooseLLH_d0z0_corr11
LooseAndBLayerLLH_d0z0_ptbin0_corr11
Entries 0
Mean −0.07879
Std Dev 1.482
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0.014
0.012
0.01
0.008
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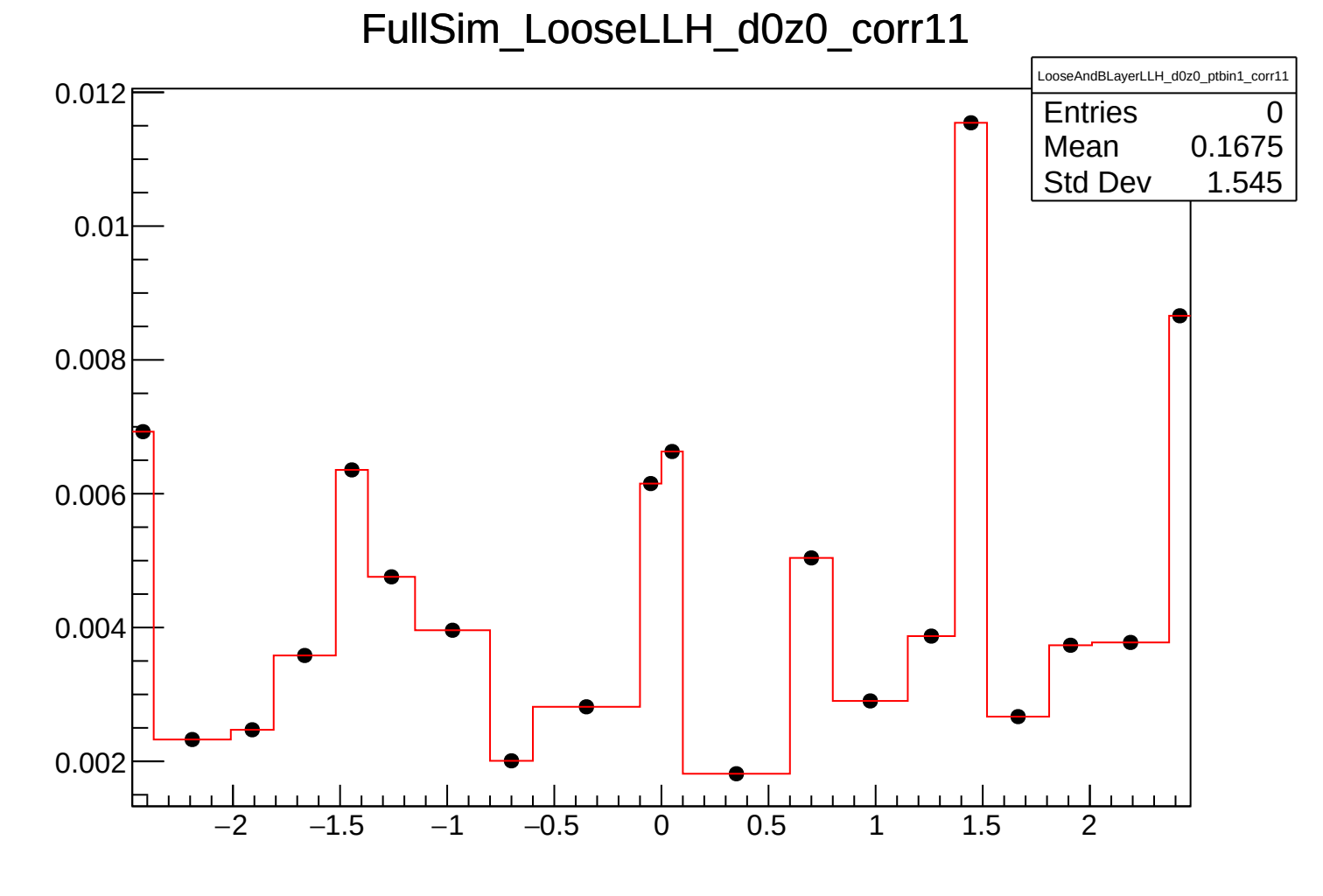
1
1.5
2


FullSim_LooseLLH_d0z0_corr11
LooseAndBLayerLLH_d0z0_ptbin1_corr11
Entries 0
Mean 0.1675
Std Dev 1.545
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0.01
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0.004
0.002
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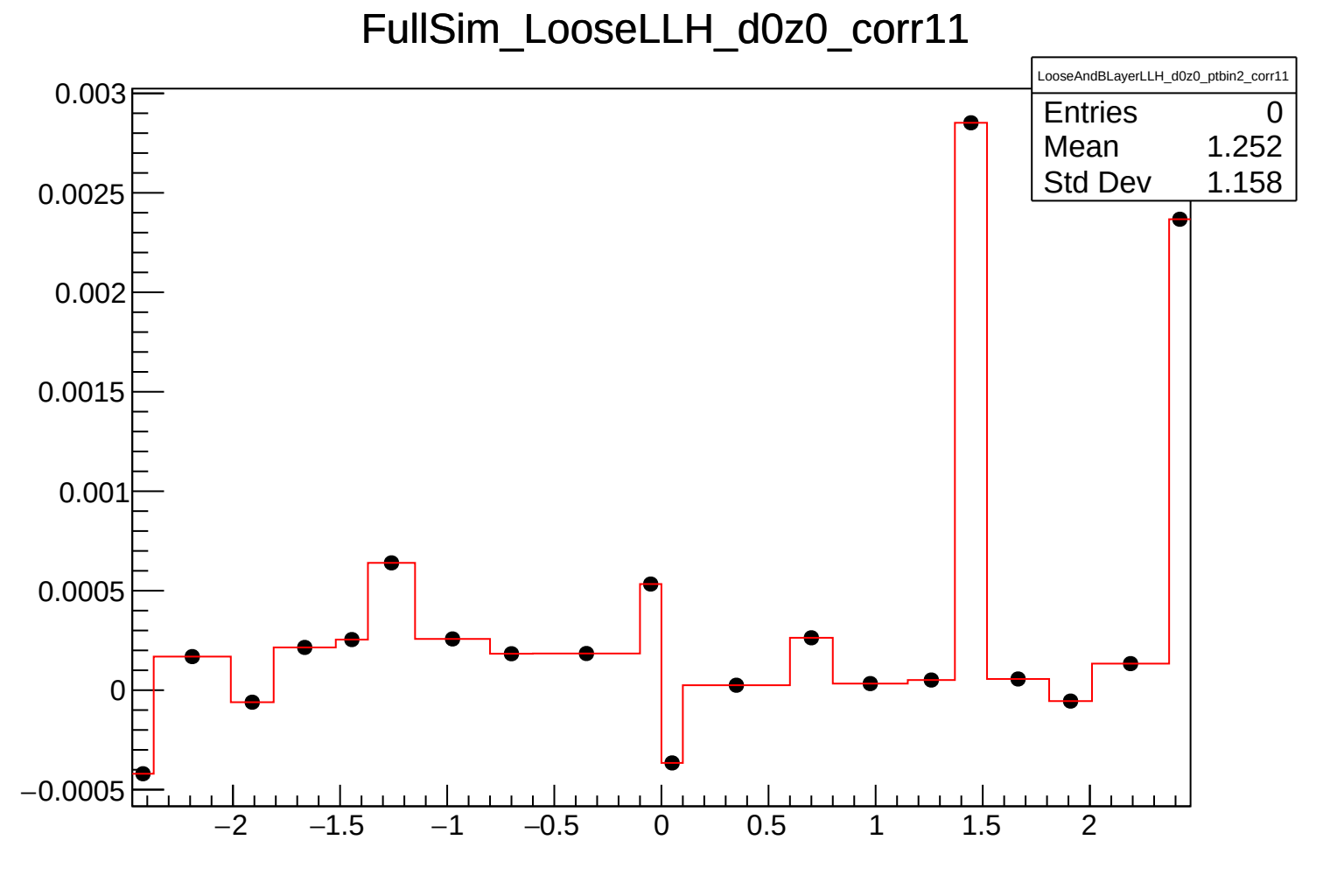
1
1.5
2


FullSim_LooseLLH_d0z0_corr11
LooseAndBLayerLLH_d0z0_ptbin2_corr11
Entries 0
Mean 1.252
Std Dev 1.158
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
−0.0005
−2
−1.5
−1
−0.5
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0.5
1
1.5
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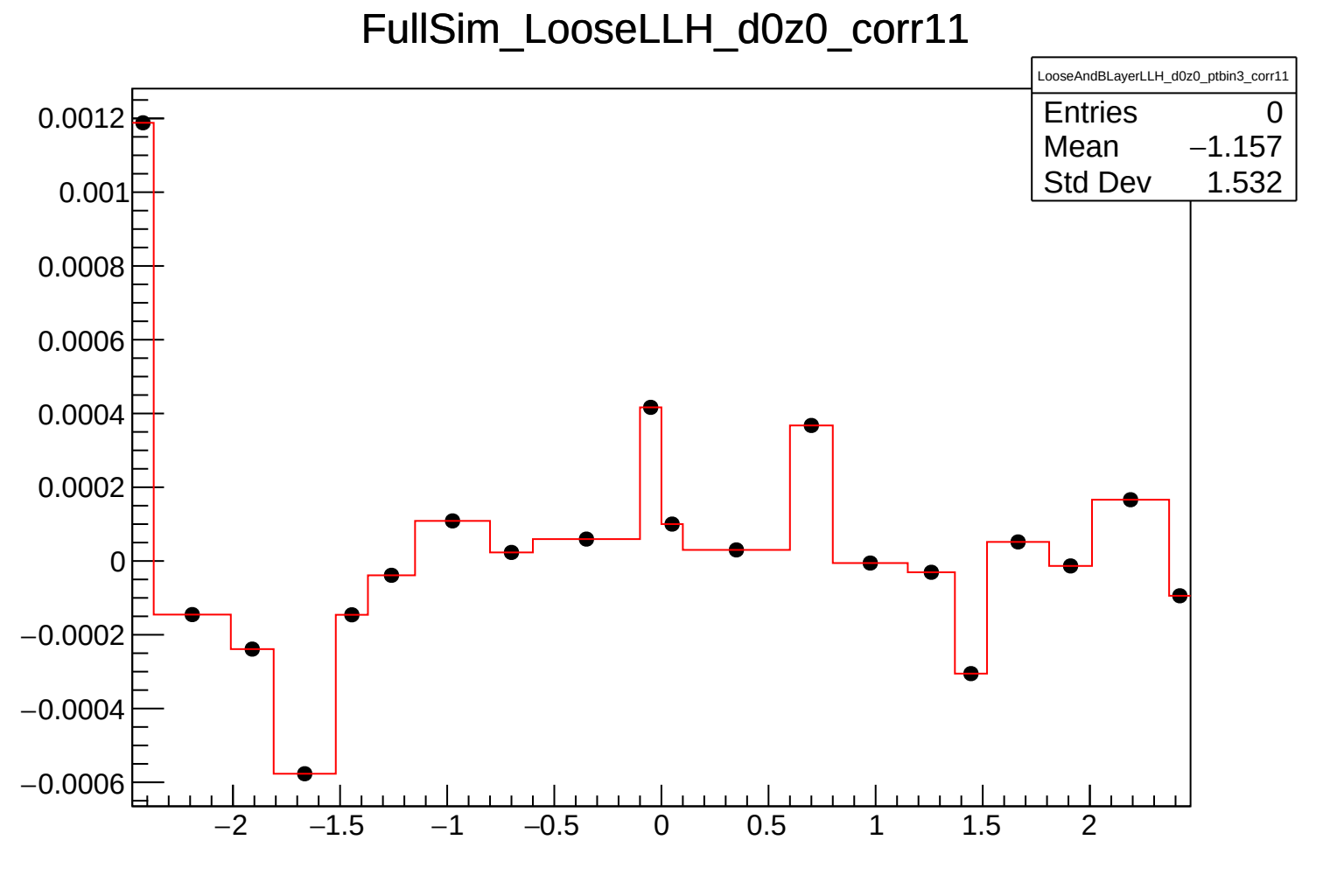
FullSim_LooseLLH_d0z0_corr11
LooseAndBLayerLLH_d0z0_ptbin3_corr11
Entries 0
Mean −1.157
Std Dev 1.532
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
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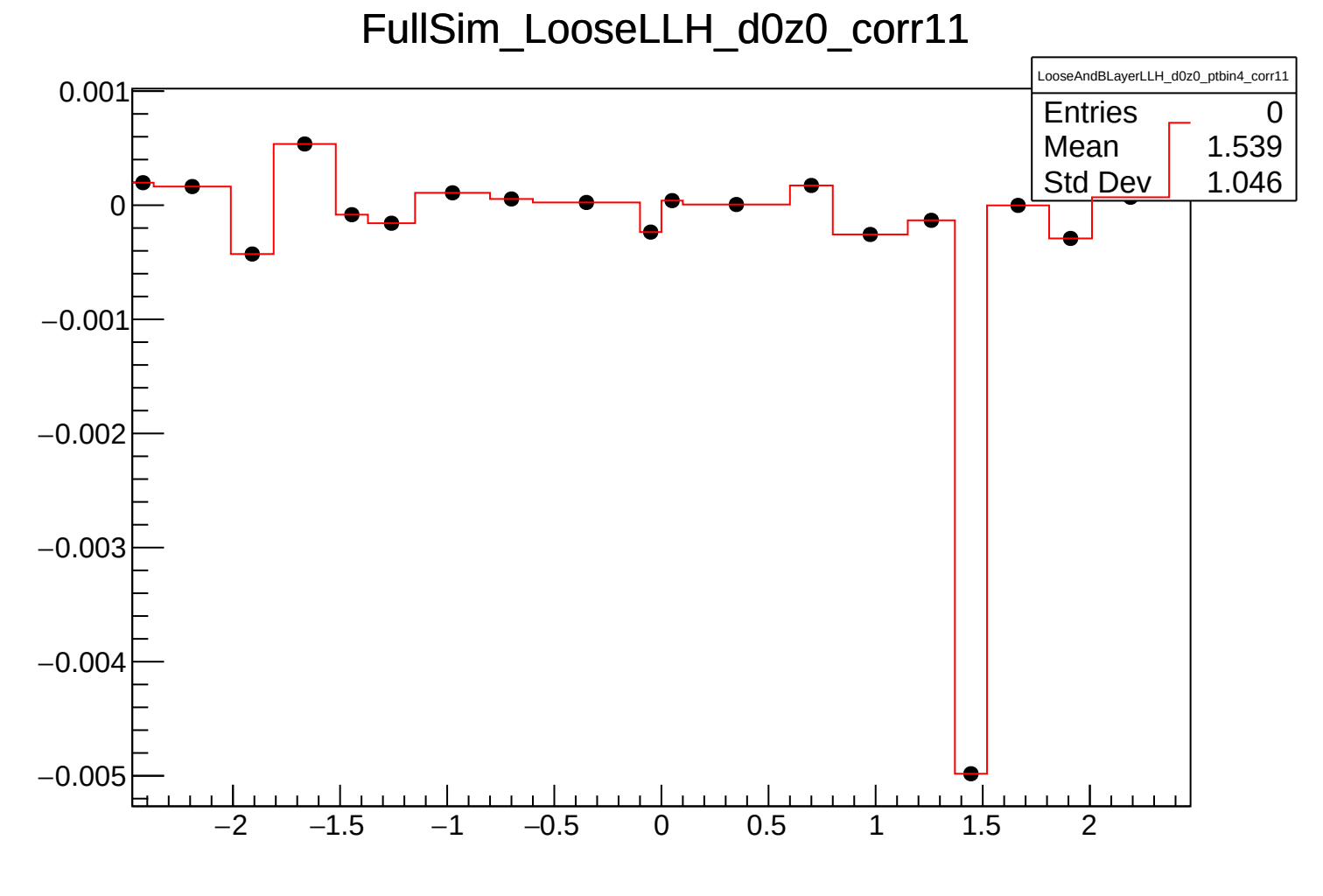
FullSim_LooseLLH_d0z0_corr11
LooseAndBLayerLLH_d0z0_ptbin4_corr11
Entries 0
Mean 1.539
Std Dev 1.046
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0
−0.001
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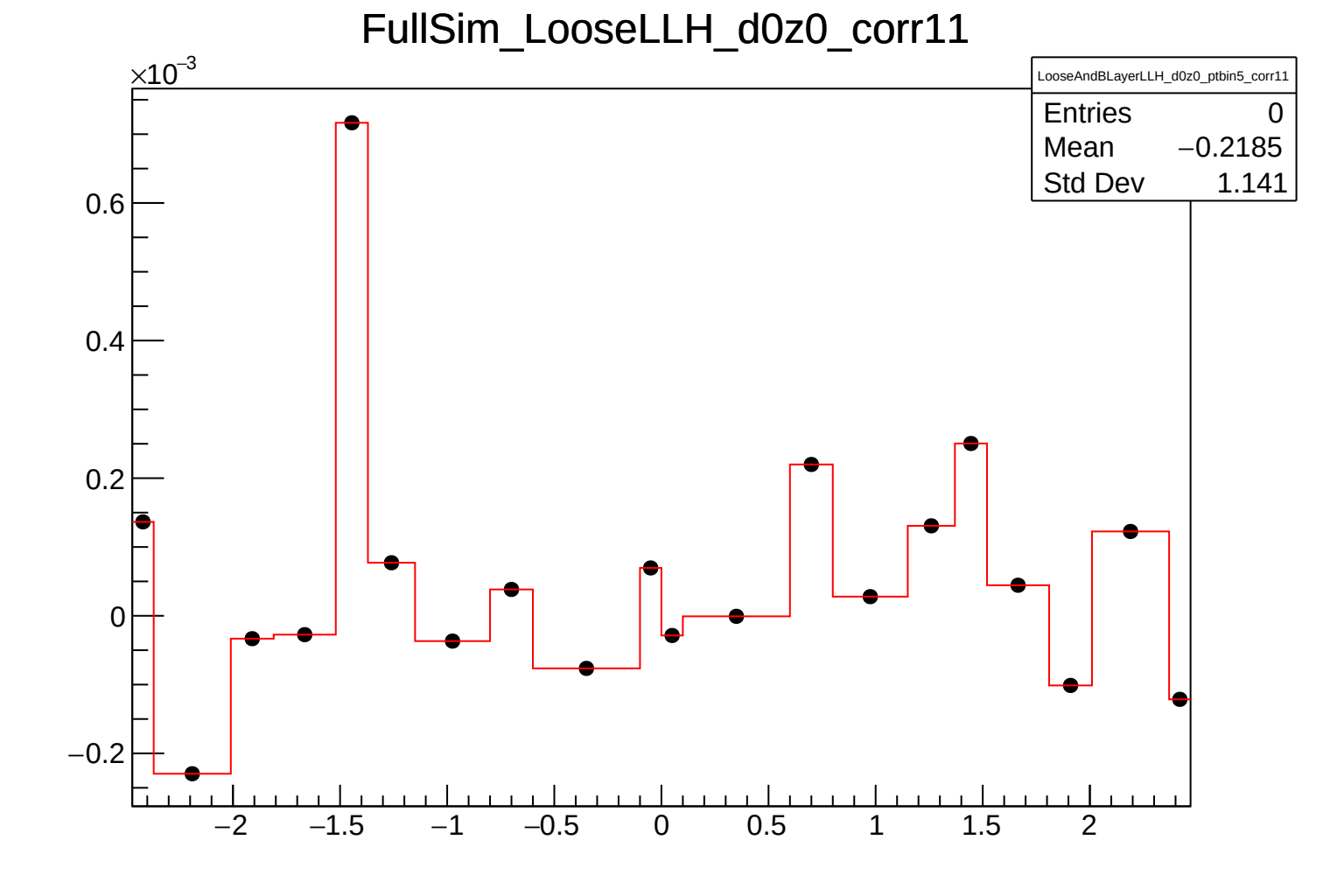
FullSim_LooseLLH_d0z0_corr11
×10^−3
LooseAndBLayerLLH_d0z0_ptbin5_corr11
Entries 0
Mean −0.2185
Std Dev 1.141
0.6
0.4
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0
−0.2
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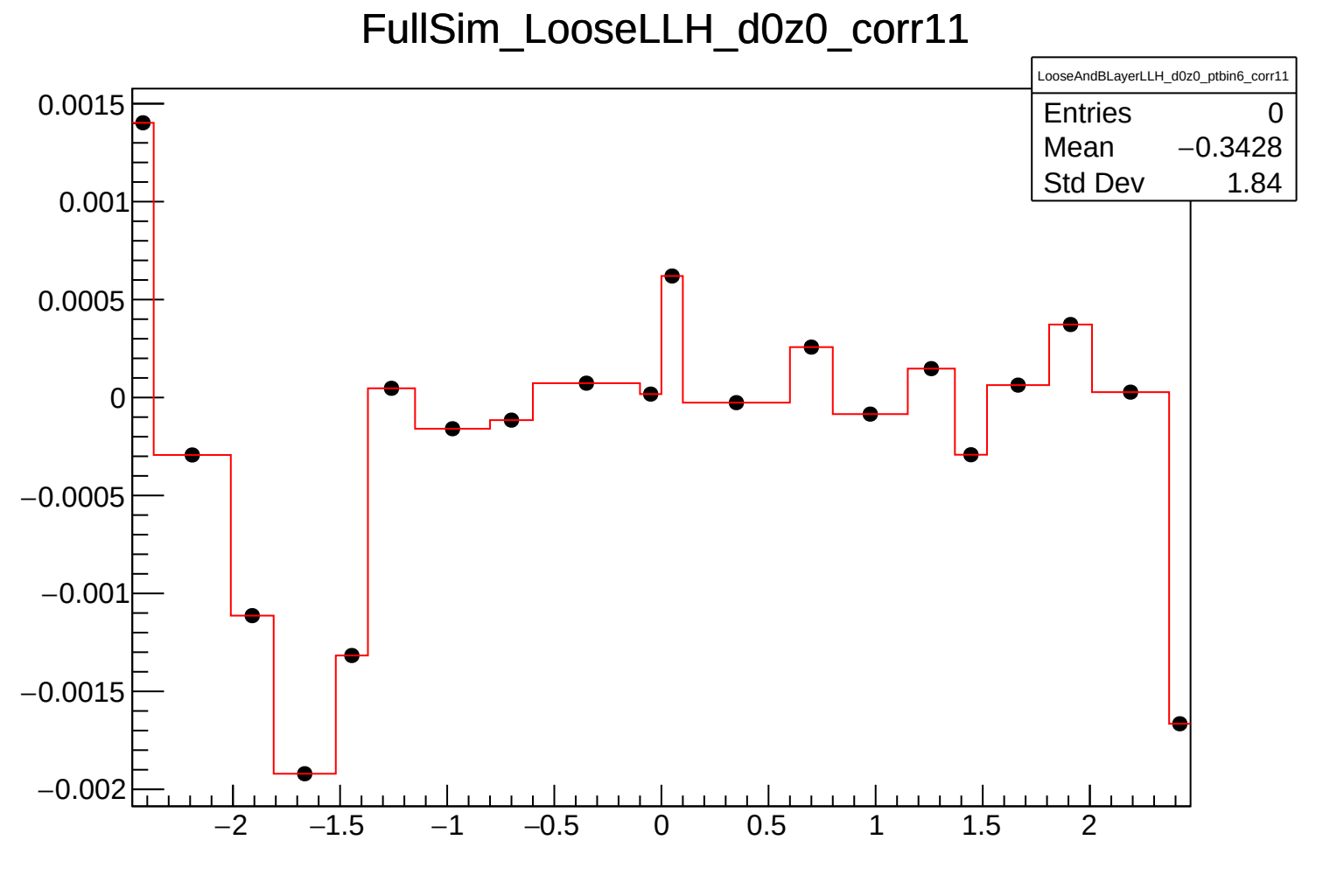
FullSim_LooseLLH_d0z0_corr11
LooseAndBLayerLLH_d0z0_ptbin6_corr11
Entries 0
Mean −0.3428
Std Dev 1.84
0.0015
0.001
0.0005
0
−0.0005
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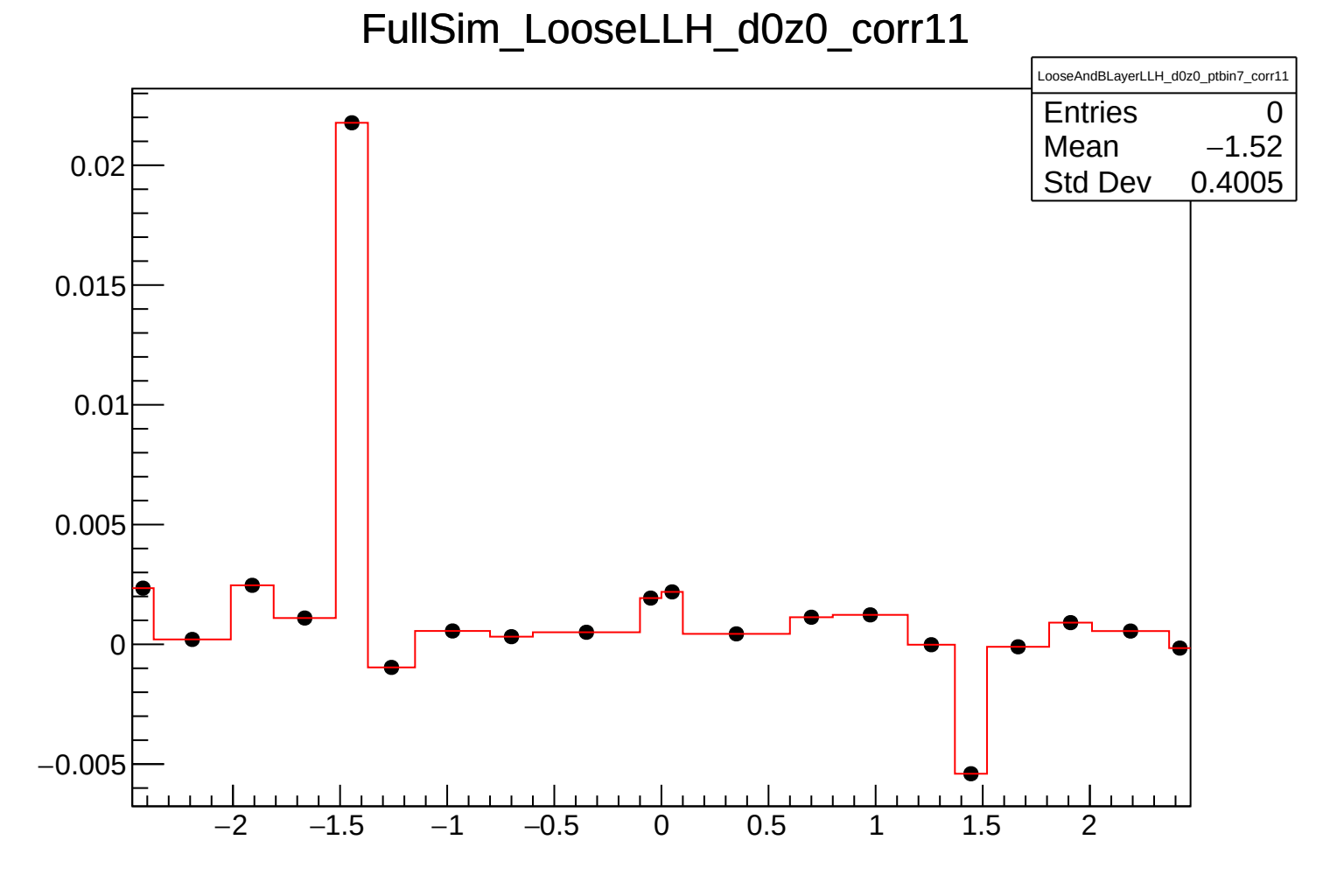
FullSim_LooseLLH_d0z0_corr11
LooseAndBLayerLLH_d0z0_ptbin7_corr11
Entries 0
Mean −1.52
Std Dev 0.4005
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0.015
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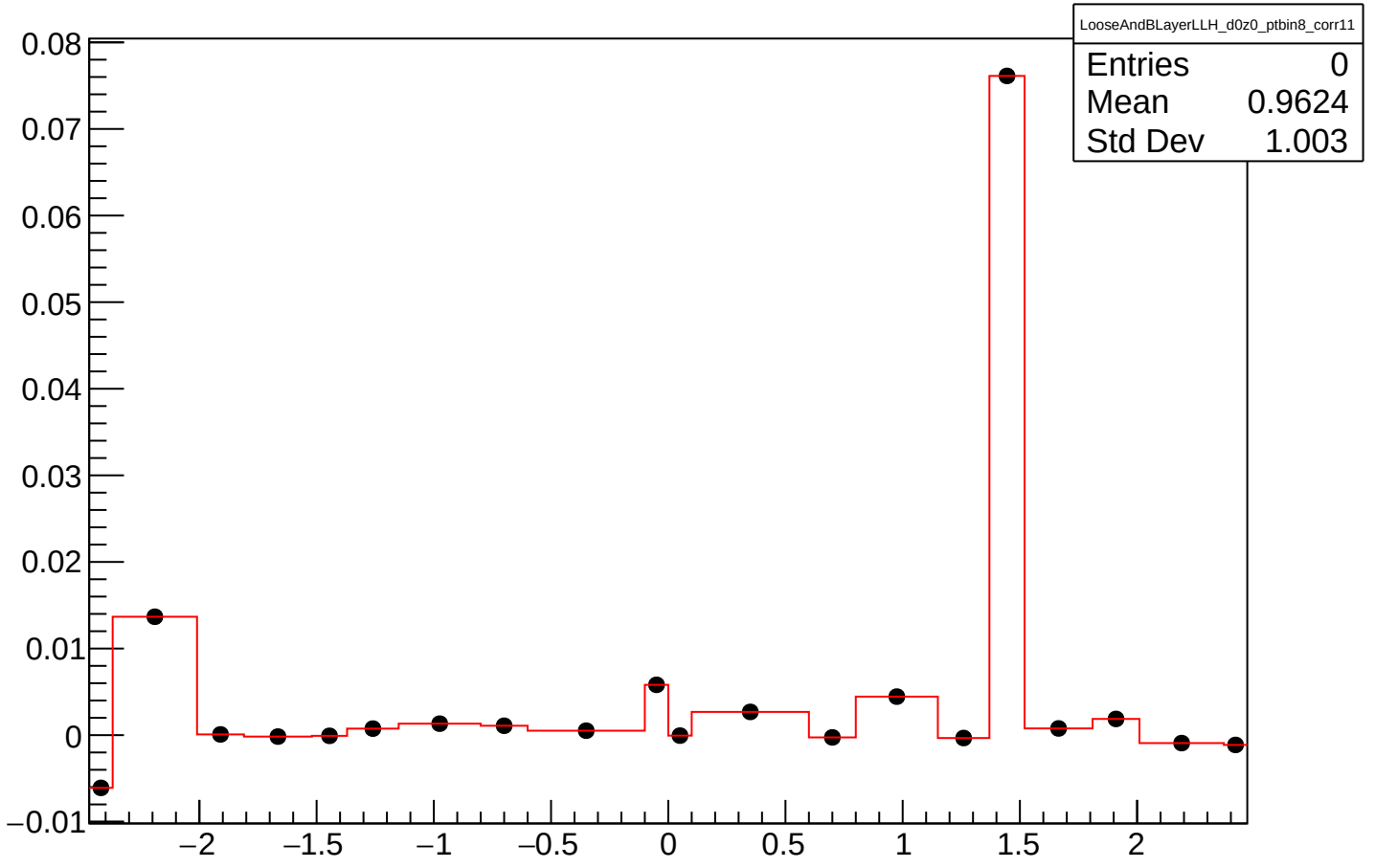
FullSim_LooseLLH_d0z0_corr11
LooseAndBLayerLLH_d0z0_ptbin8_corr11
Entries 0
Mean 0.9624
Std Dev 1.003
0.08
0.07
0.06
0.05
0.04
0.03
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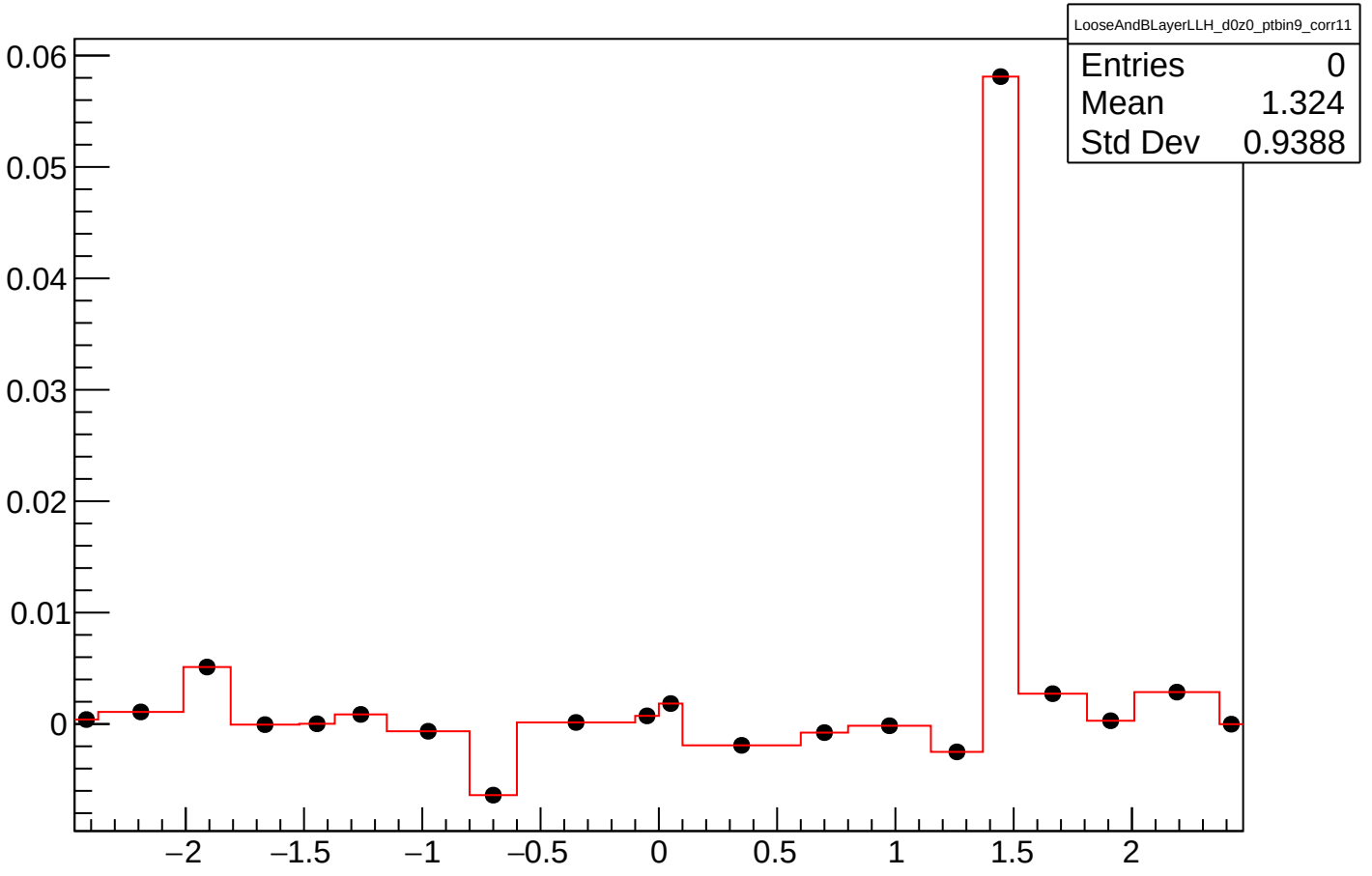
FullSim_LooseLLH_d0z0_corr11
LooseAndBLayerLLH_d0z0_ptbin9_corr11
Entries 0
Mean 1.324
Std Dev 0.9388
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0.05
0.04
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0.01
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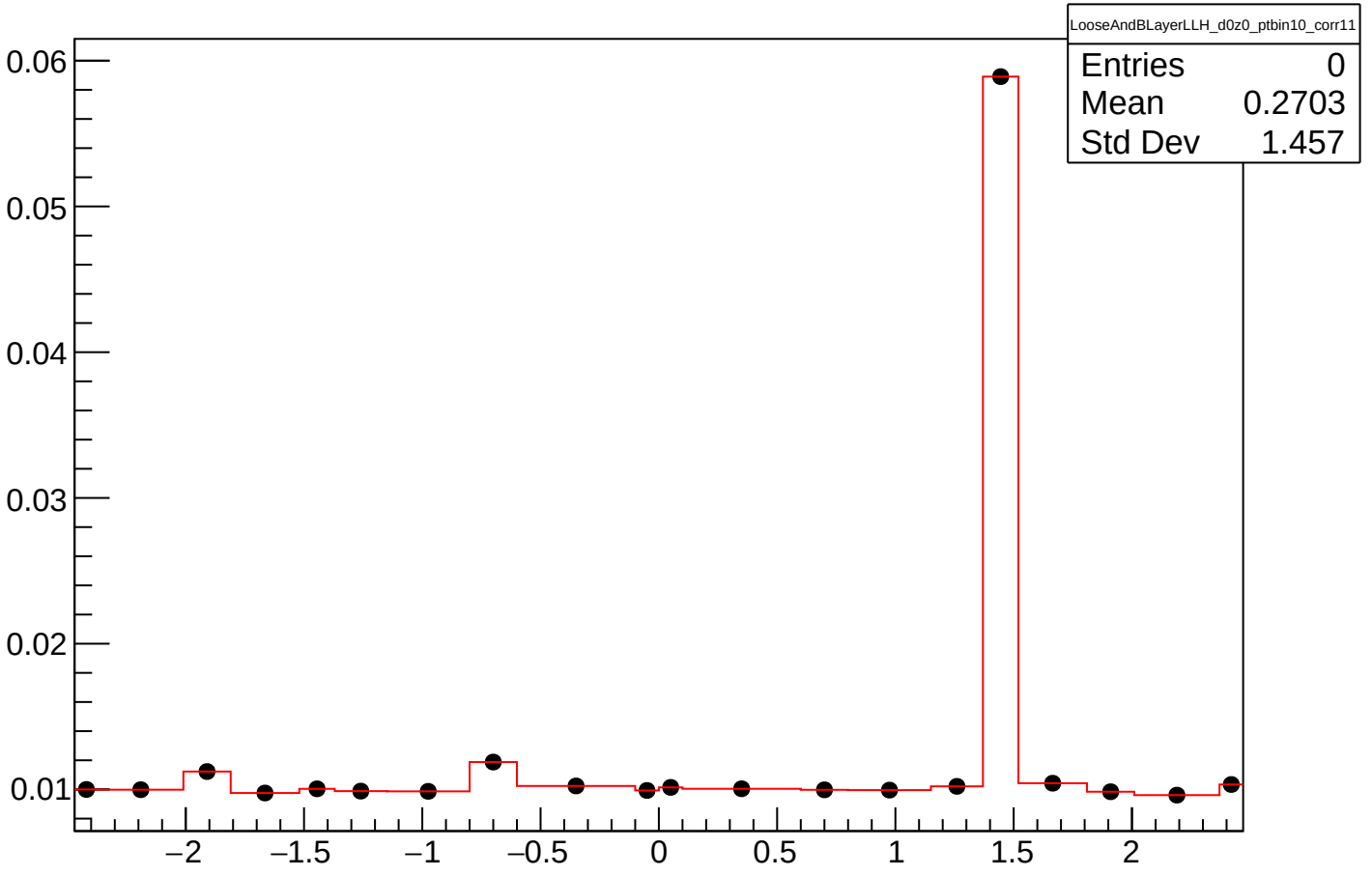
FullSim_LooseLLH_d0z0_corr11
LooseAndBLayerLLH_d0z0_ptbin10_corr11
Entries 0
Mean 0.2703
Std Dev 1.457
0.06
0.05
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0.02
0.01
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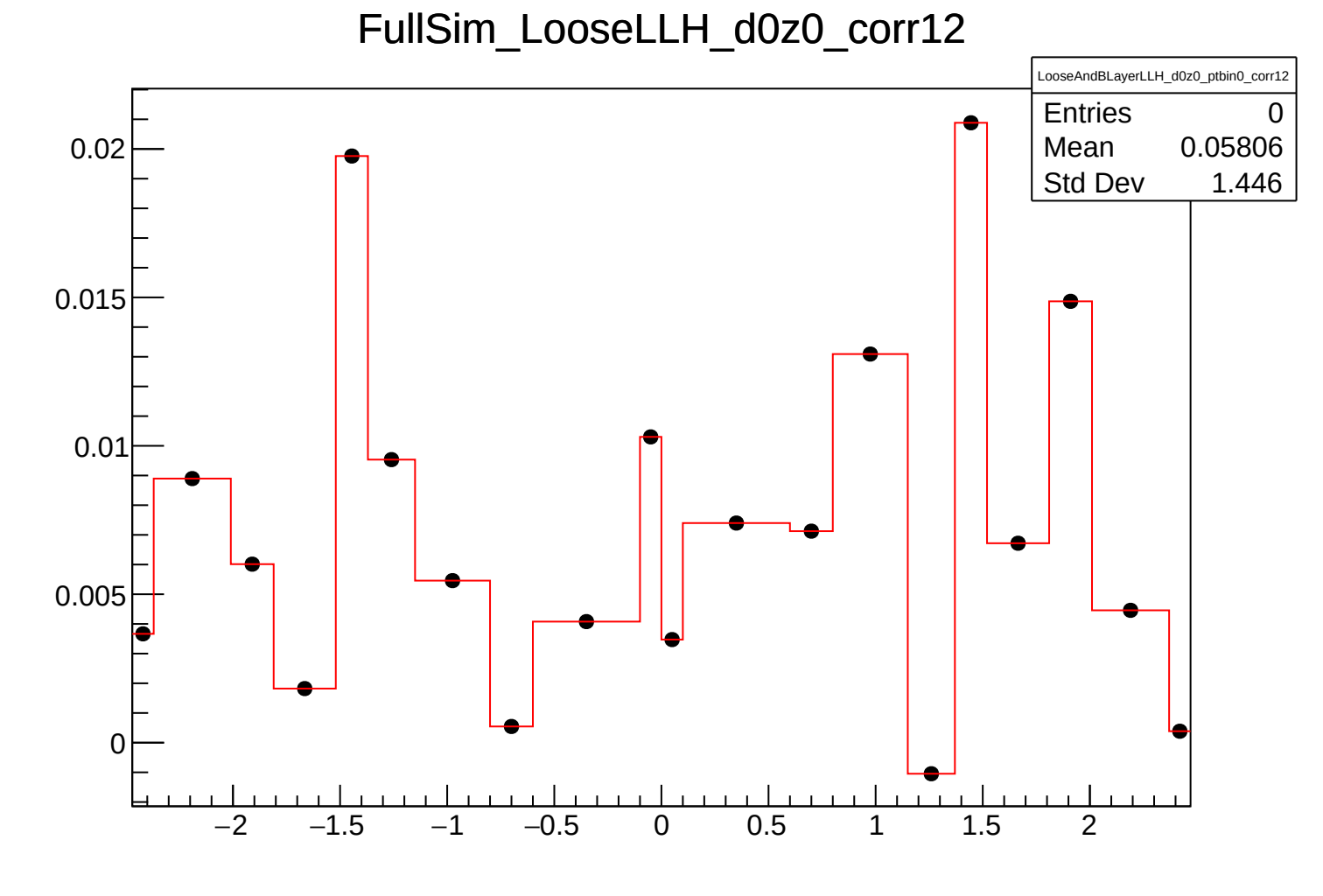
FullSim_LooseLLH_d0z0_corr12
LooseAndBLayerLLH_d0z0_ptbin0_corr12
Entries 0
Mean 0.05806
Std Dev 1.446
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0.005
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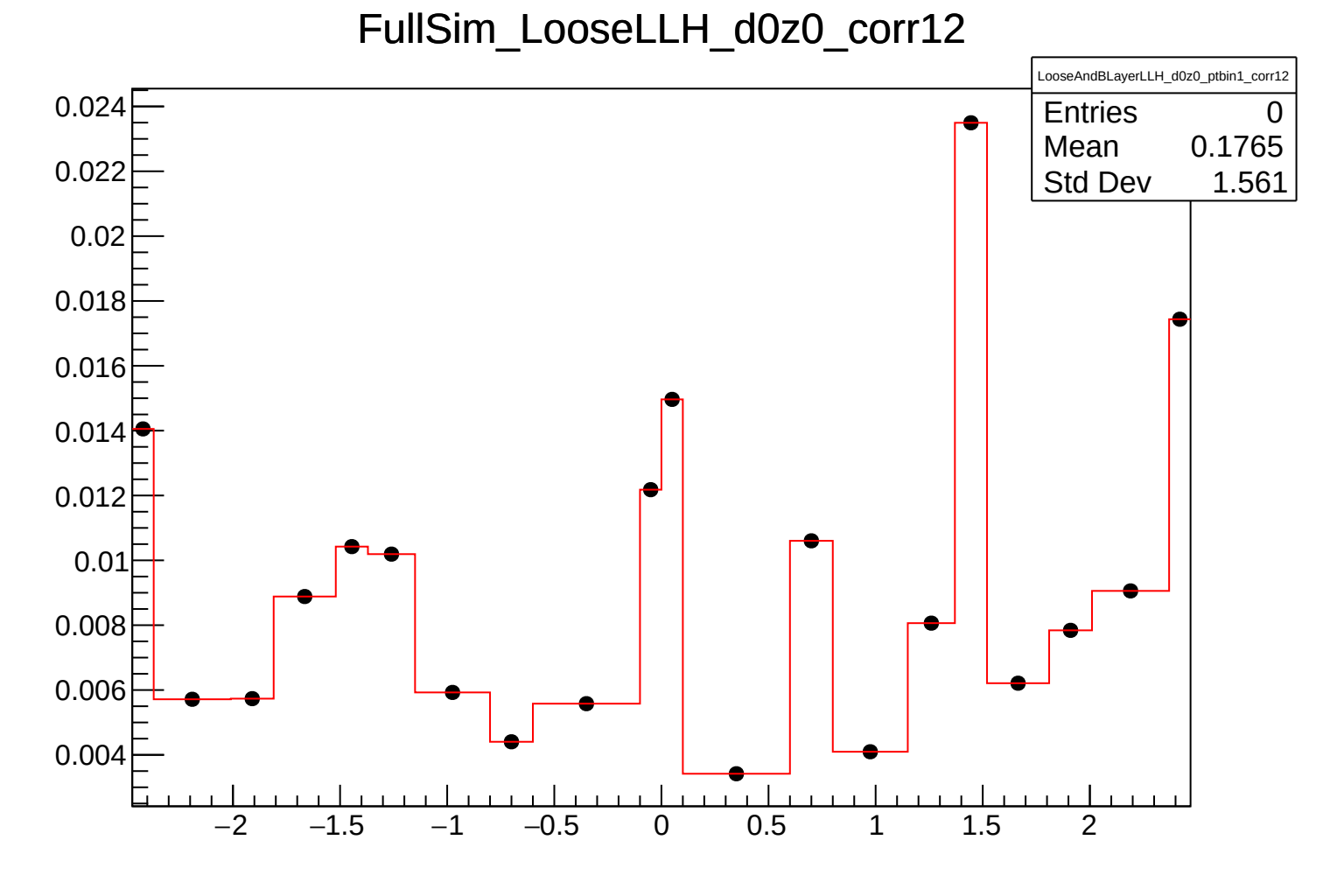
FullSim_LooseLLH_d0z0_corr12
LooseAndBLayerLLH_d0z0_ptbin1_corr12
Entries 0
Mean 0.1765
Std Dev 1.561
0.024
0.022
0.02
0.018
0.016
0.014
0.012
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0.006
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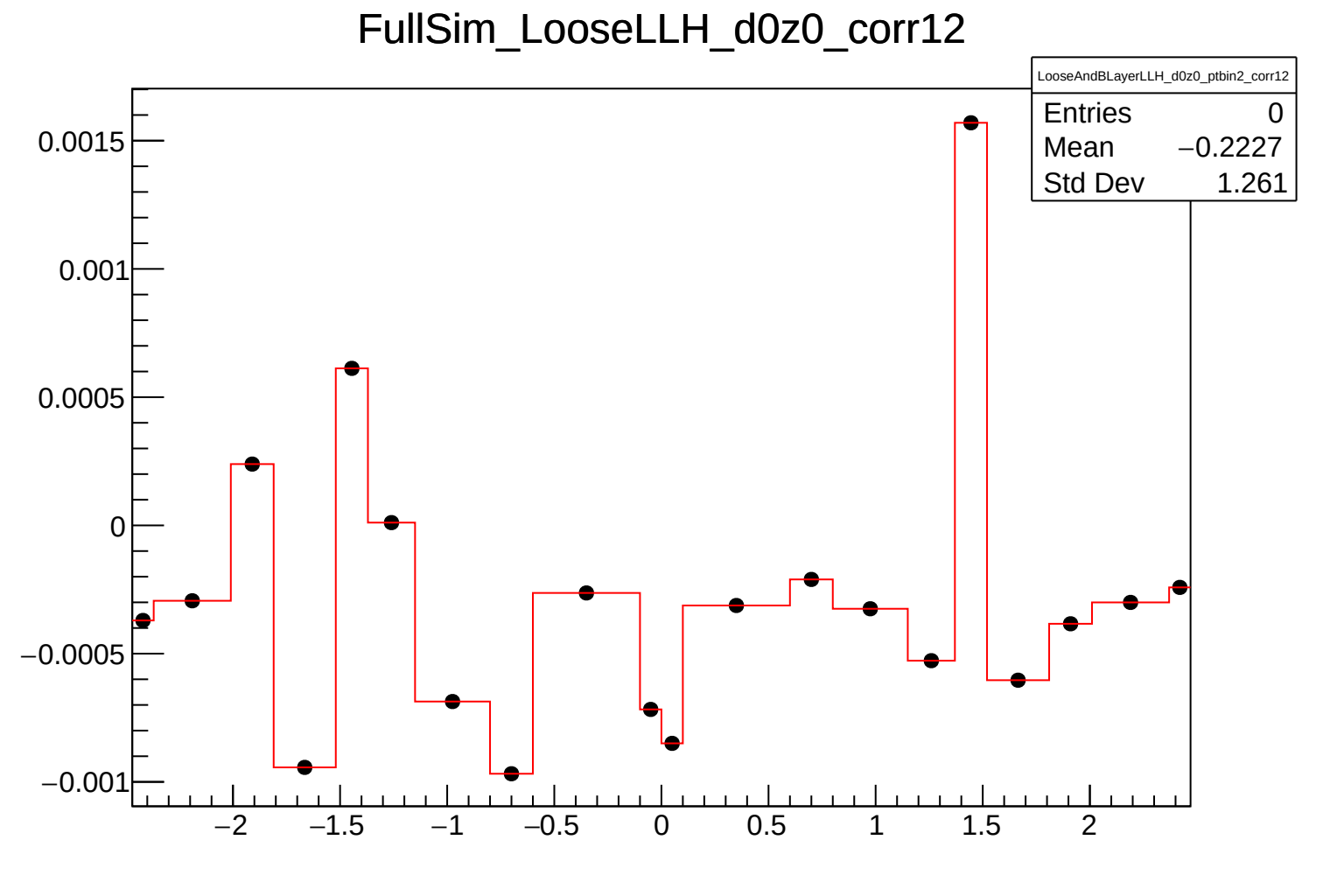
FullSim_LooseLLH_d0z0_corr12
LooseAndBLayerLLH_d0z0_ptbin2_corr12
Entries 0
Mean −0.2227
Std Dev 1.261
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0.001
0.0005
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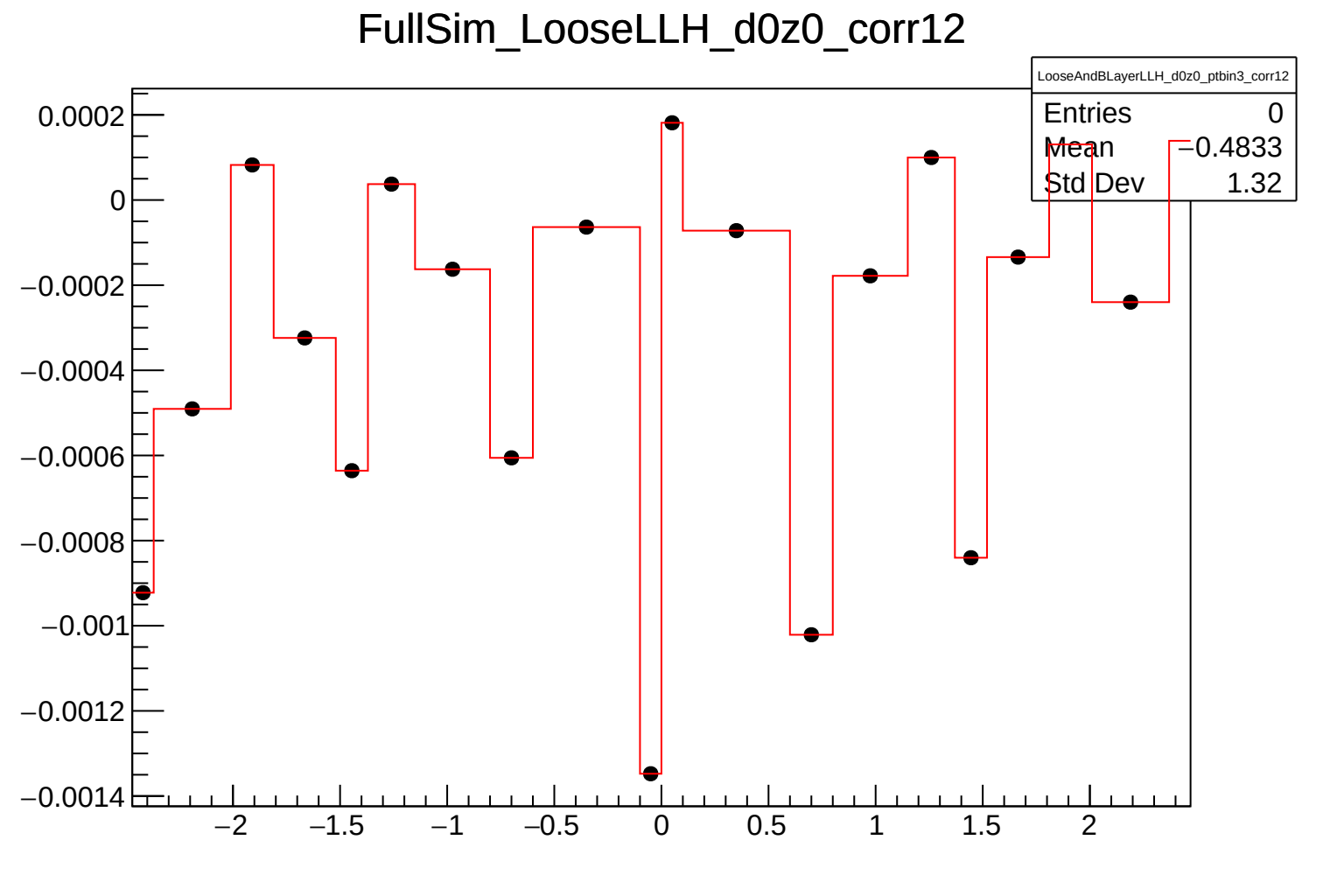
FullSim_LooseLLH_d0z0_corr12
LooseAndBLayerLLH_d0z0_ptbin3_corr12
Entries 0
Mean −0.4833
Std Dev 1.32
0.0002
0
−0.0002
−0.0004
−0.0006
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−0.0014
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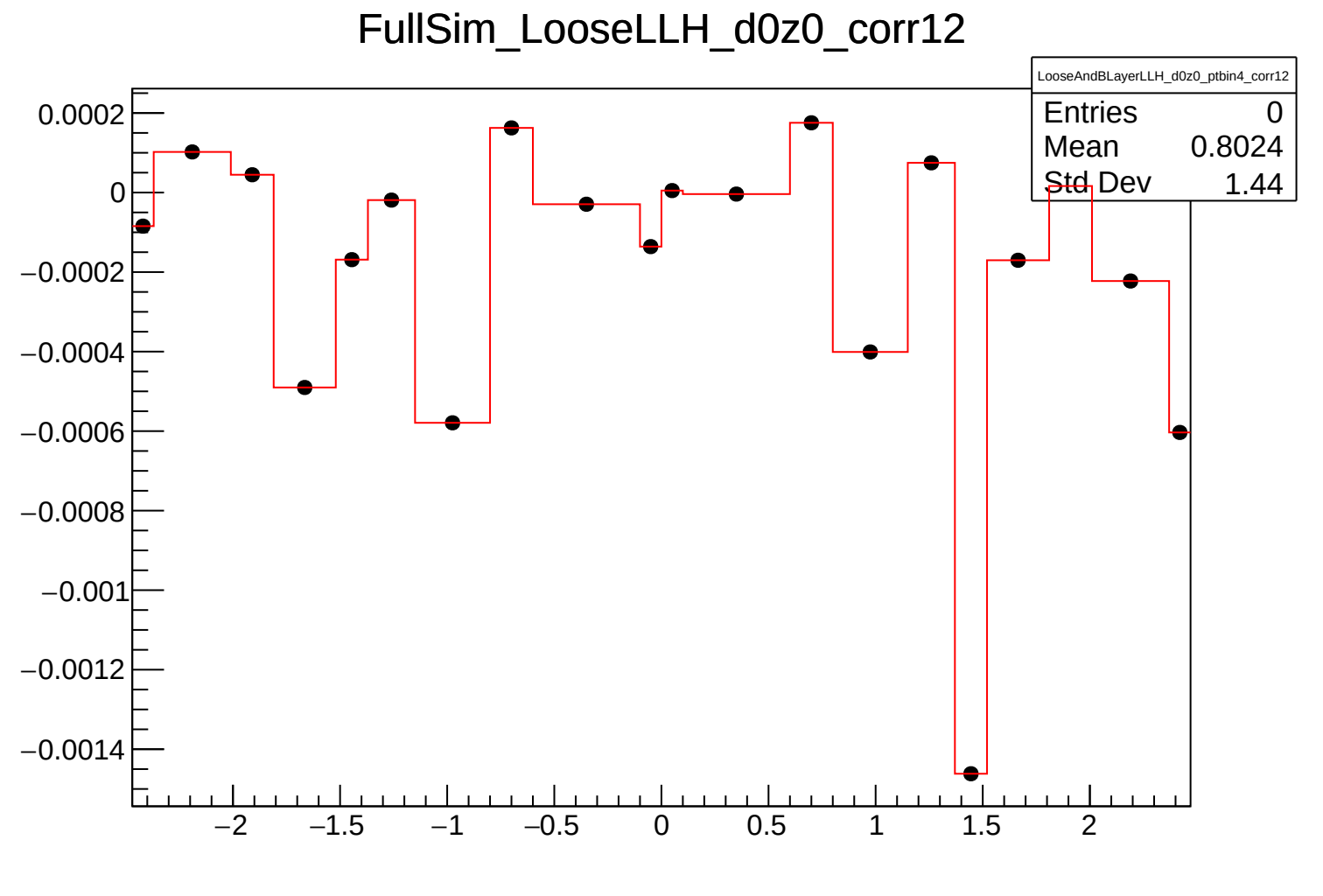
FullSim_LooseLLH_d0z0_corr12
LooseAndBLayerLLH_d0z0_ptbin4_corr12
Entries 0
Mean 0.8024
Std Dev 1.44
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0
−0.0002
−0.0004
−0.0006
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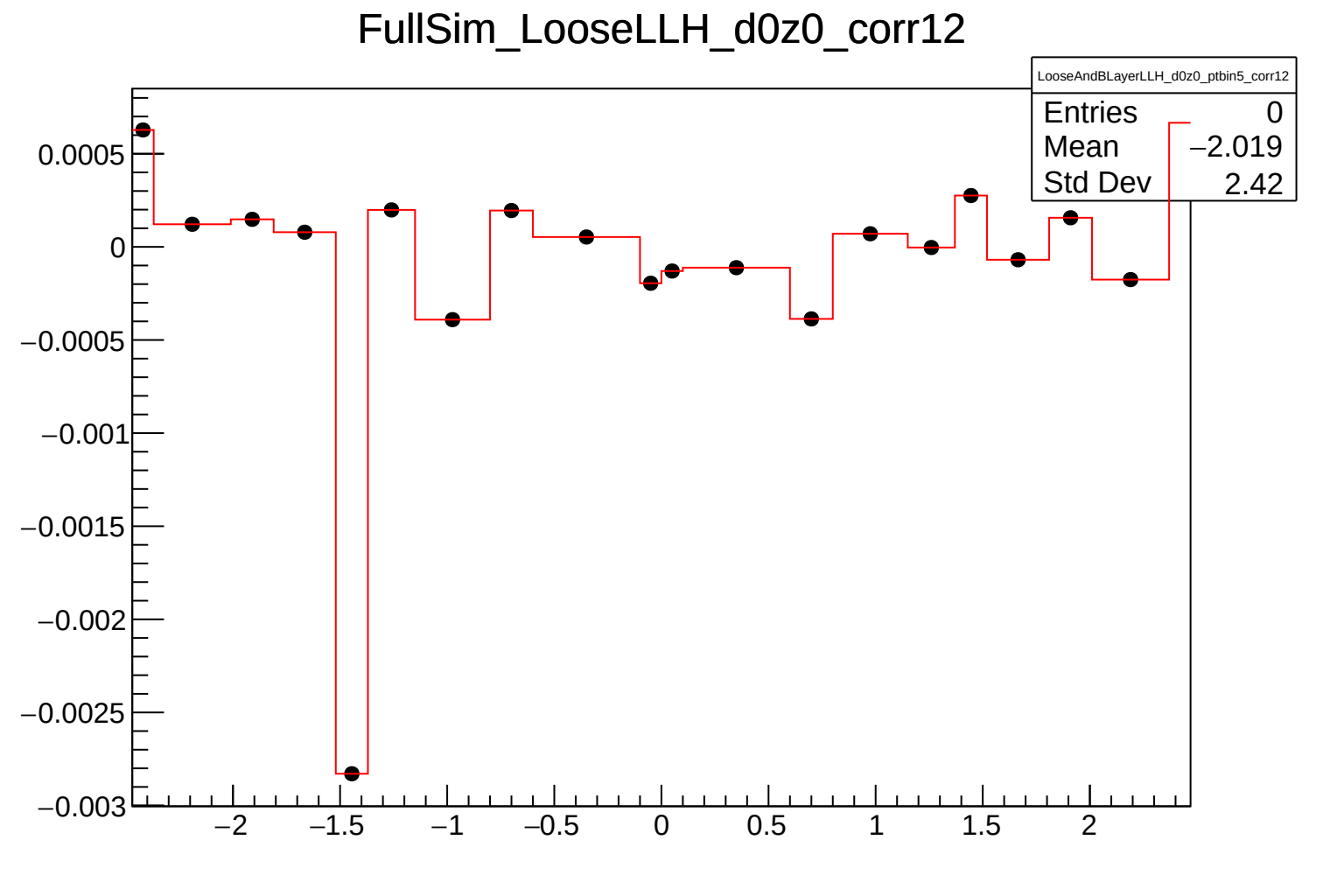
FullSim_LooseLLH_d0z0_corr12
LooseAndBLayerLLH_d0z0_ptbin5_corr12
Entries 0
Mean −2.019
Std Dev 2.42
0.0005
0
−0.0005
−0.001
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−0.003
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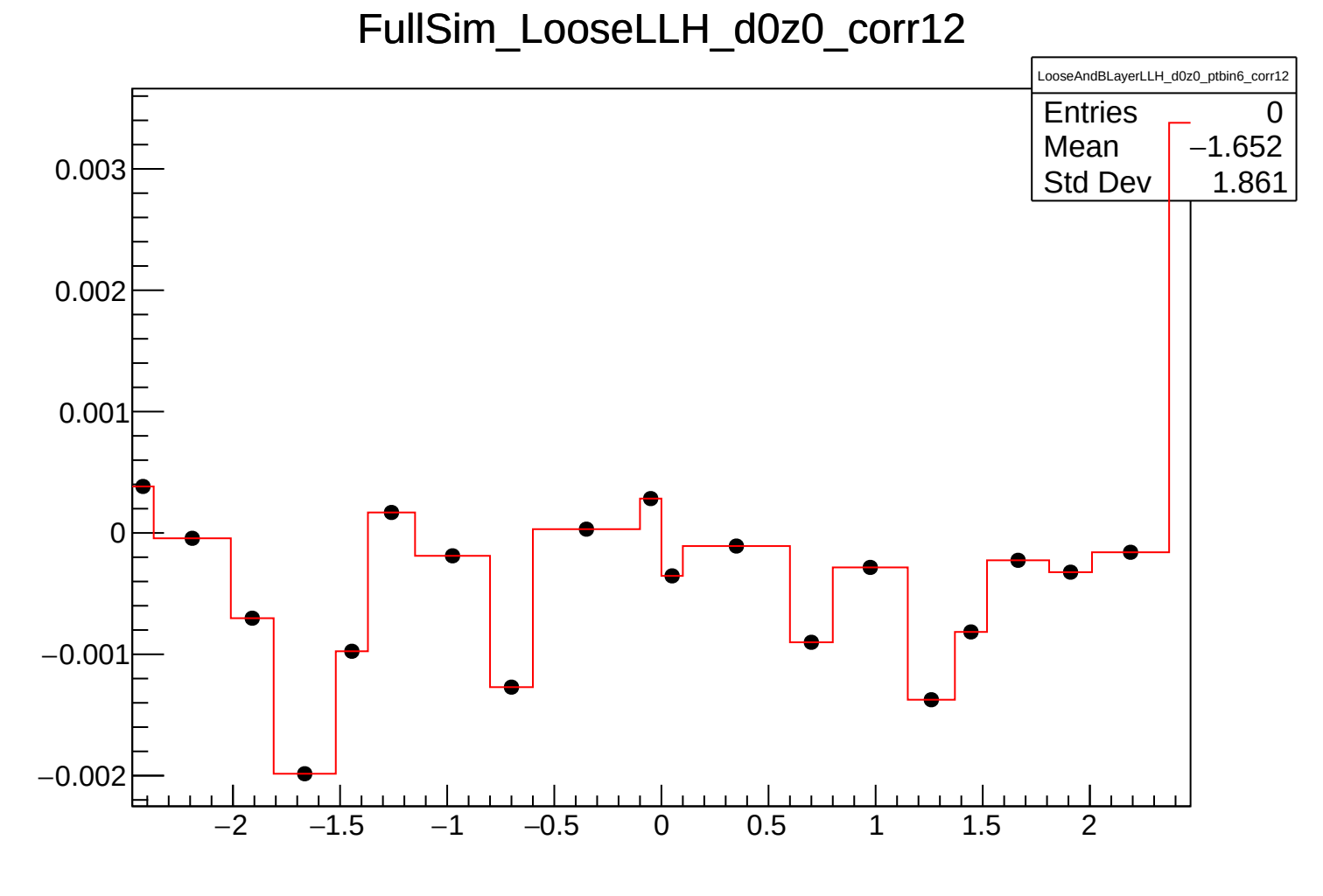
FullSim_LooseLLH_d0z0_corr12
LooseAndBLayerLLH_d0z0_ptbin6_corr12
Entries 0
Mean −1.652
Std Dev 1.861
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0.002
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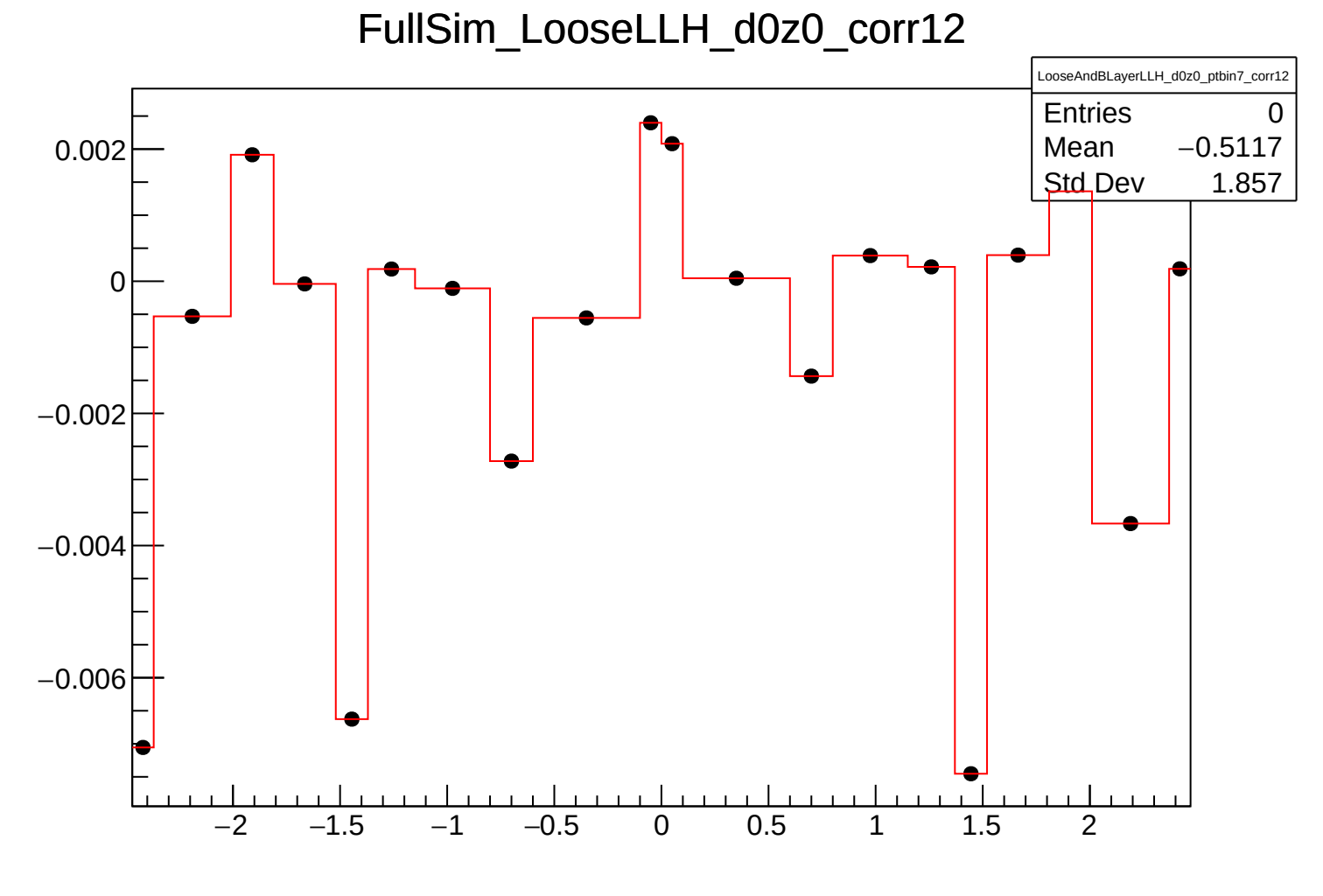
FullSim_LooseLLH_d0z0_corr12
LooseAndBLayerLLH_d0z0_ptbin7_corr12
Entries 0
Mean −0.5117
Std Dev 1.857
0.002
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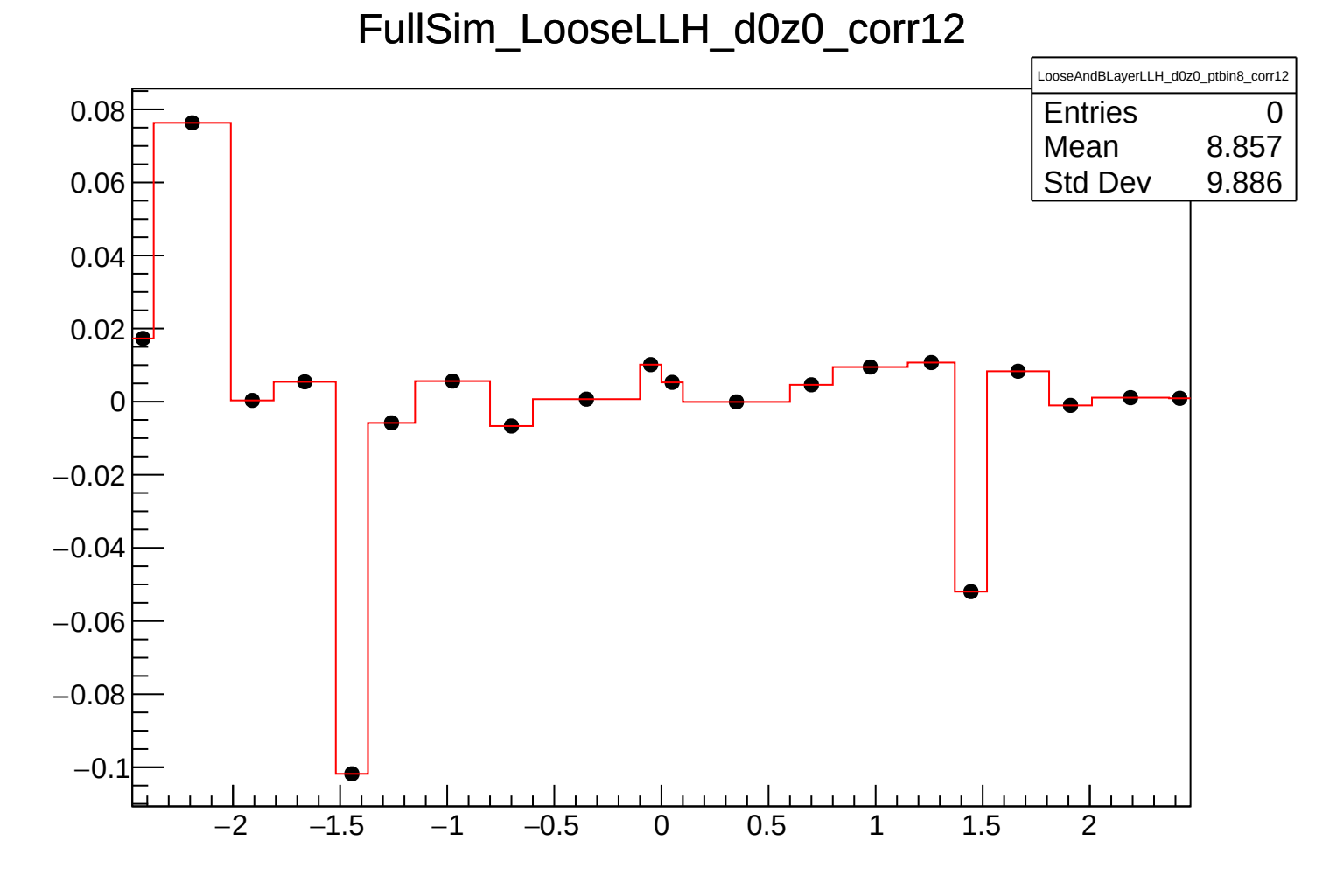
FullSim_LooseLLH_d0z0_corr12
LooseAndBLayerLLH_d0z0_ptbin8_corr12
Entries 0
Mean 8.857
Std Dev 9.886
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0.06
0.04
0.02
0
−0.02
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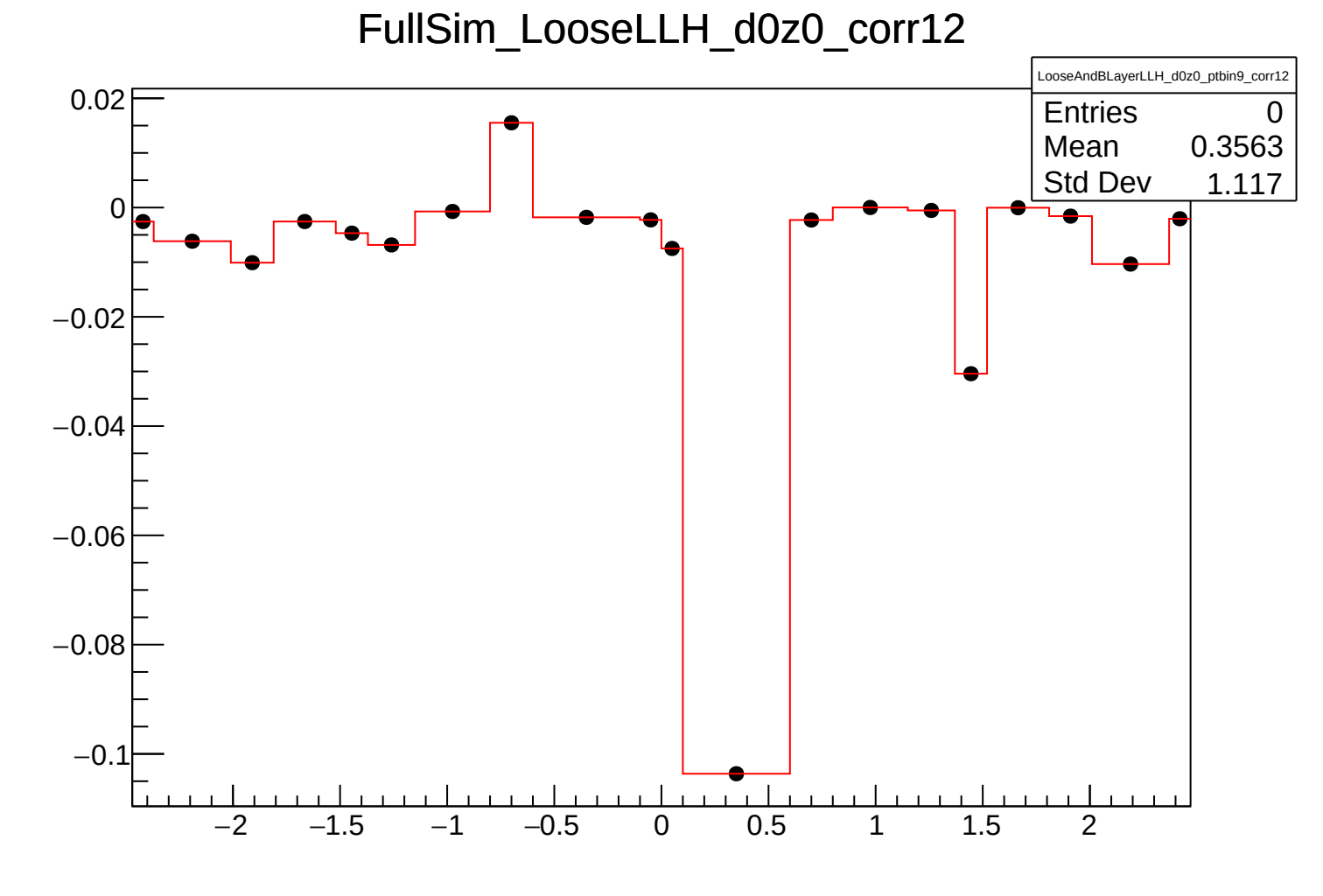
FullSim_LooseLLH_d0z0_corr12
LooseAndBLayerLLH_d0z0_ptbin9_corr12
Entries 0
Mean 0.3563
Std Dev 1.117
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0
−0.02
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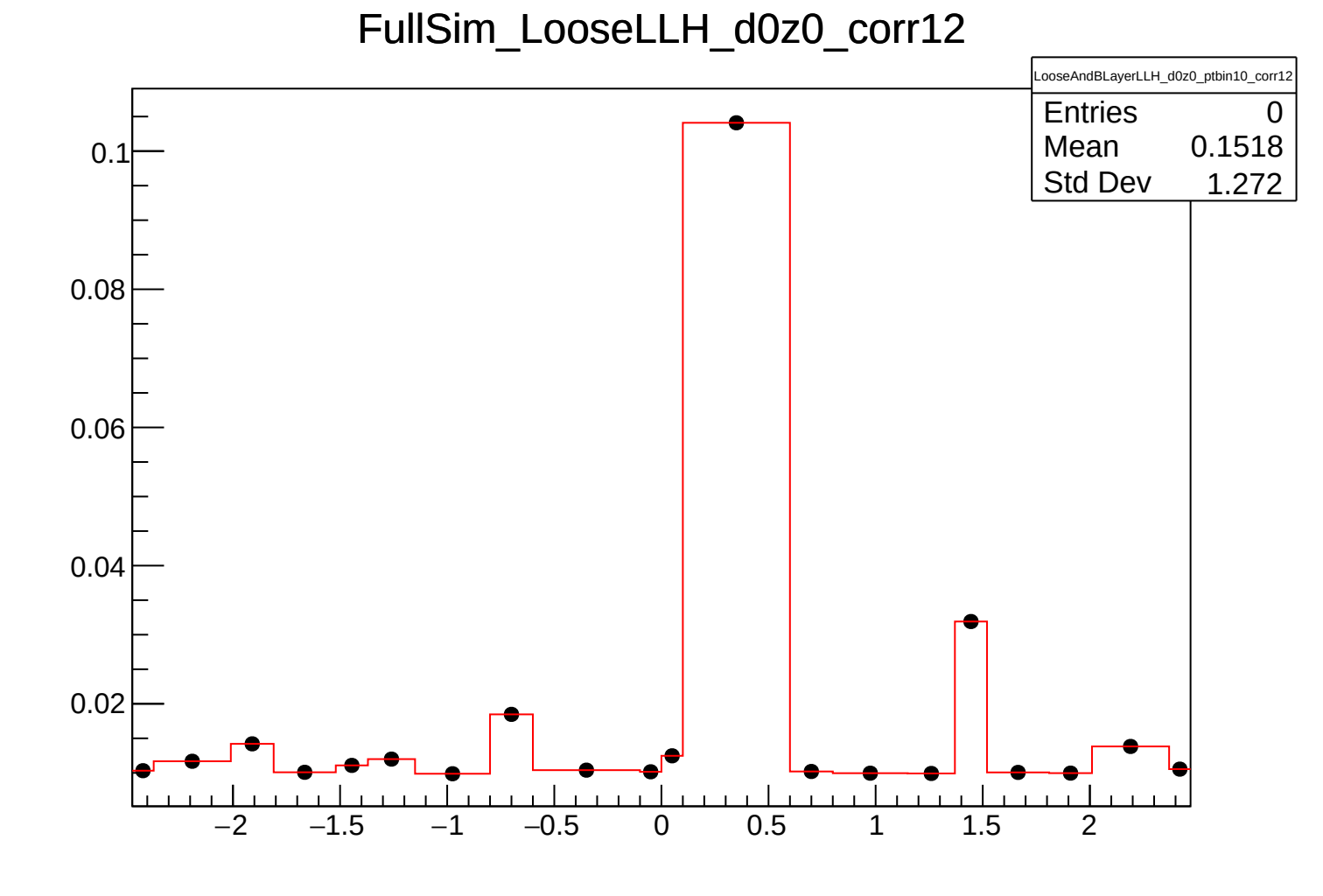
FullSim_LooseLLH_d0z0_corr12
LooseAndBLayerLLH_d0z0_ptbin10_corr12
Entries 0
Mean 0.1518
Std Dev 1.272
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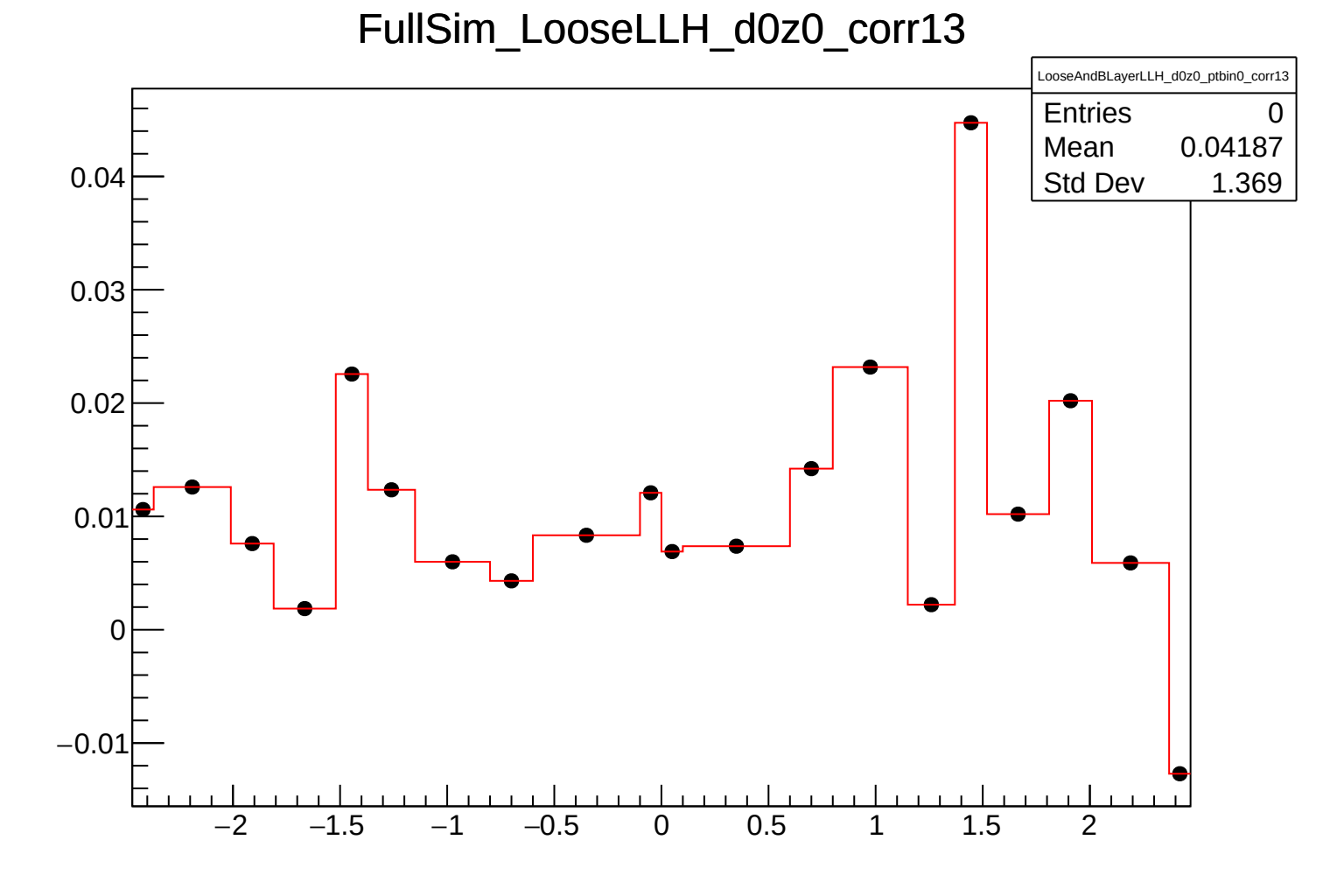
FullSim_LooseLLH_d0z0_corr13
LooseAndBLayerLLH_d0z0_ptbin0_corr13
Entries 0
Mean 0.04187
Std Dev 1.369
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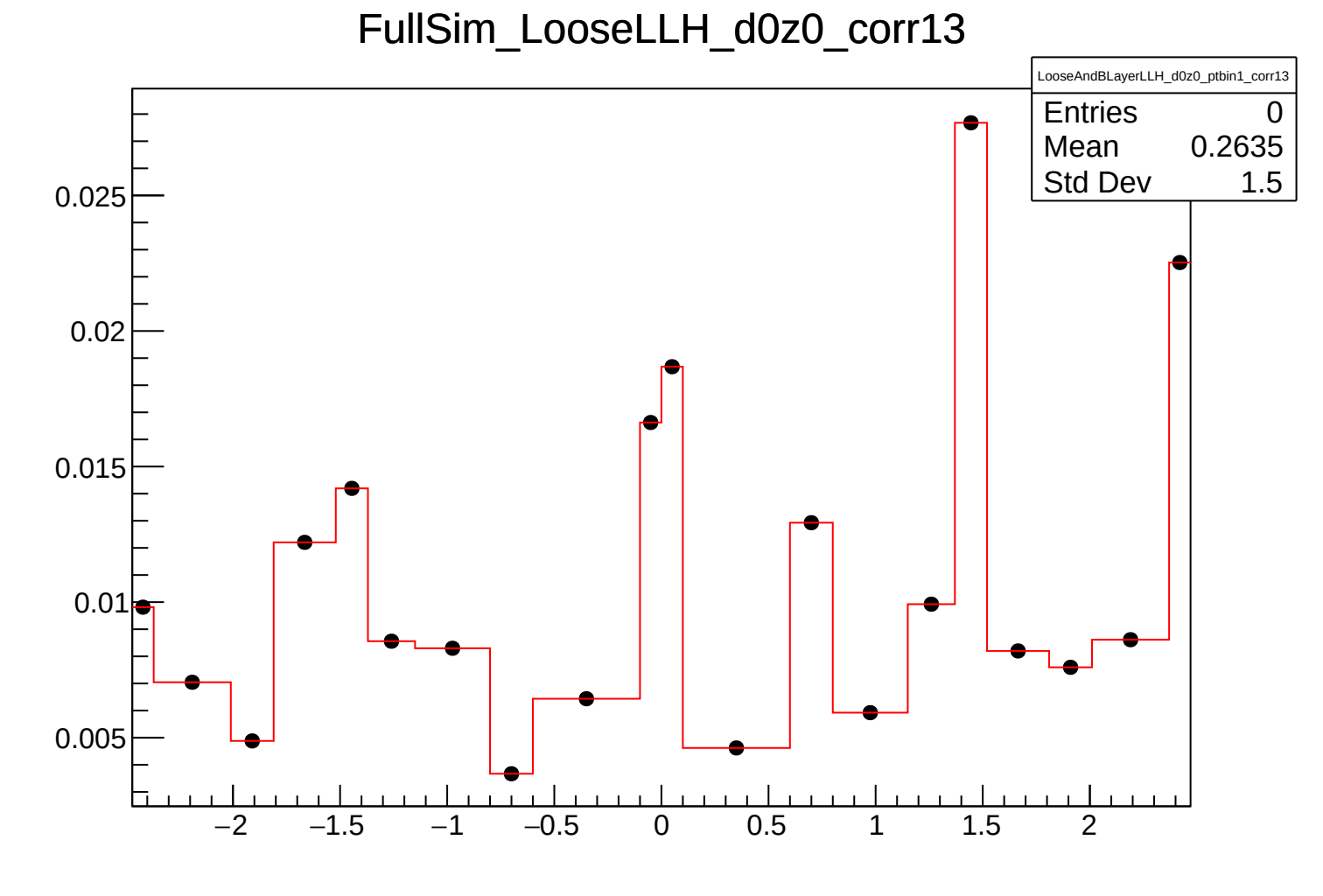
FullSim_LooseLLH_d0z0_corr13
LooseAndBLayerLLH_d0z0_ptbin1_corr13
Entries 0
Mean 0.2635
Std Dev 1.5
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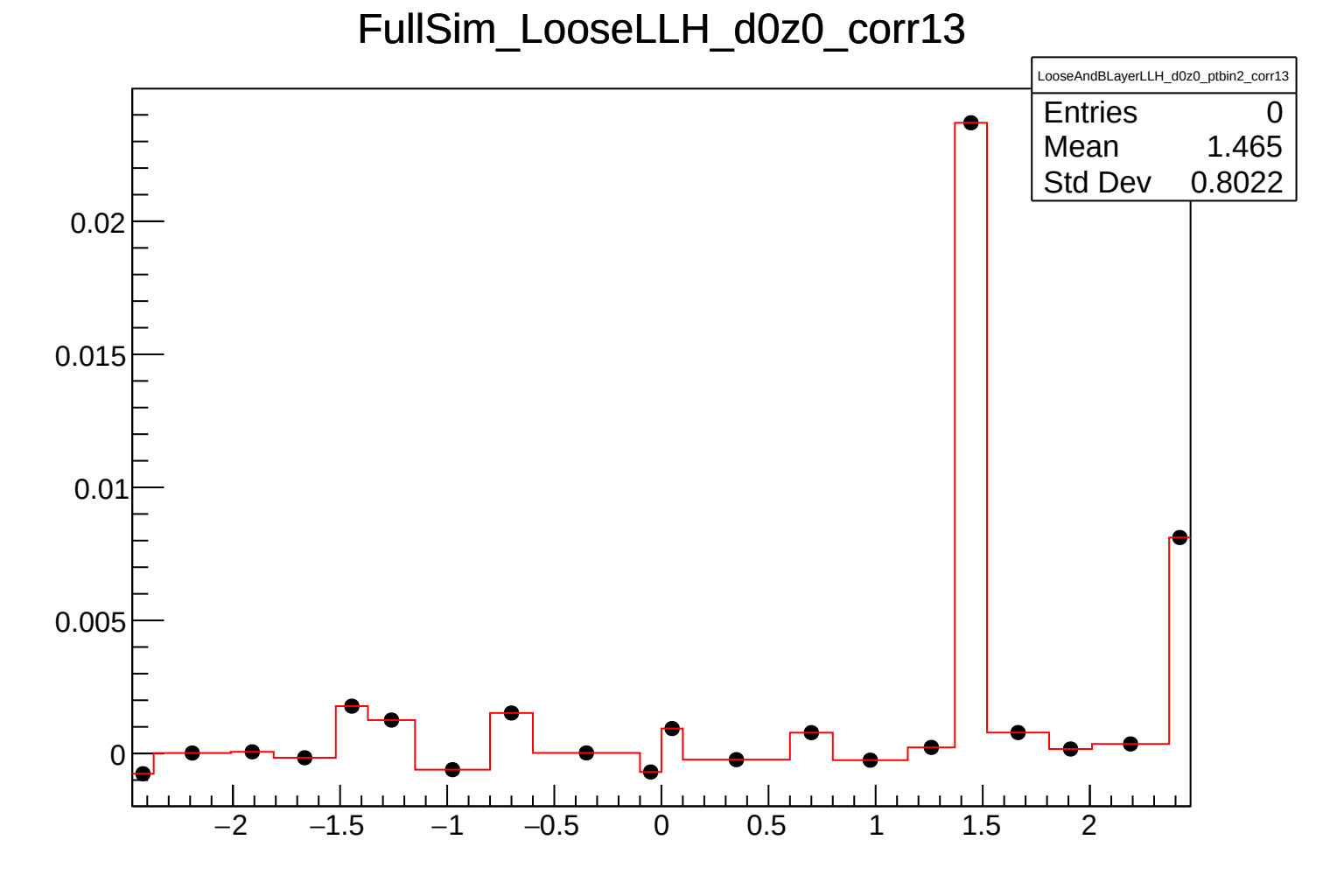
FullSim_LooseLLH_d0z0_corr13
LooseAndBLayerLLH_d0z0_ptbin2_corr13
Entries 0
Mean 1.465
Std Dev 0.8022
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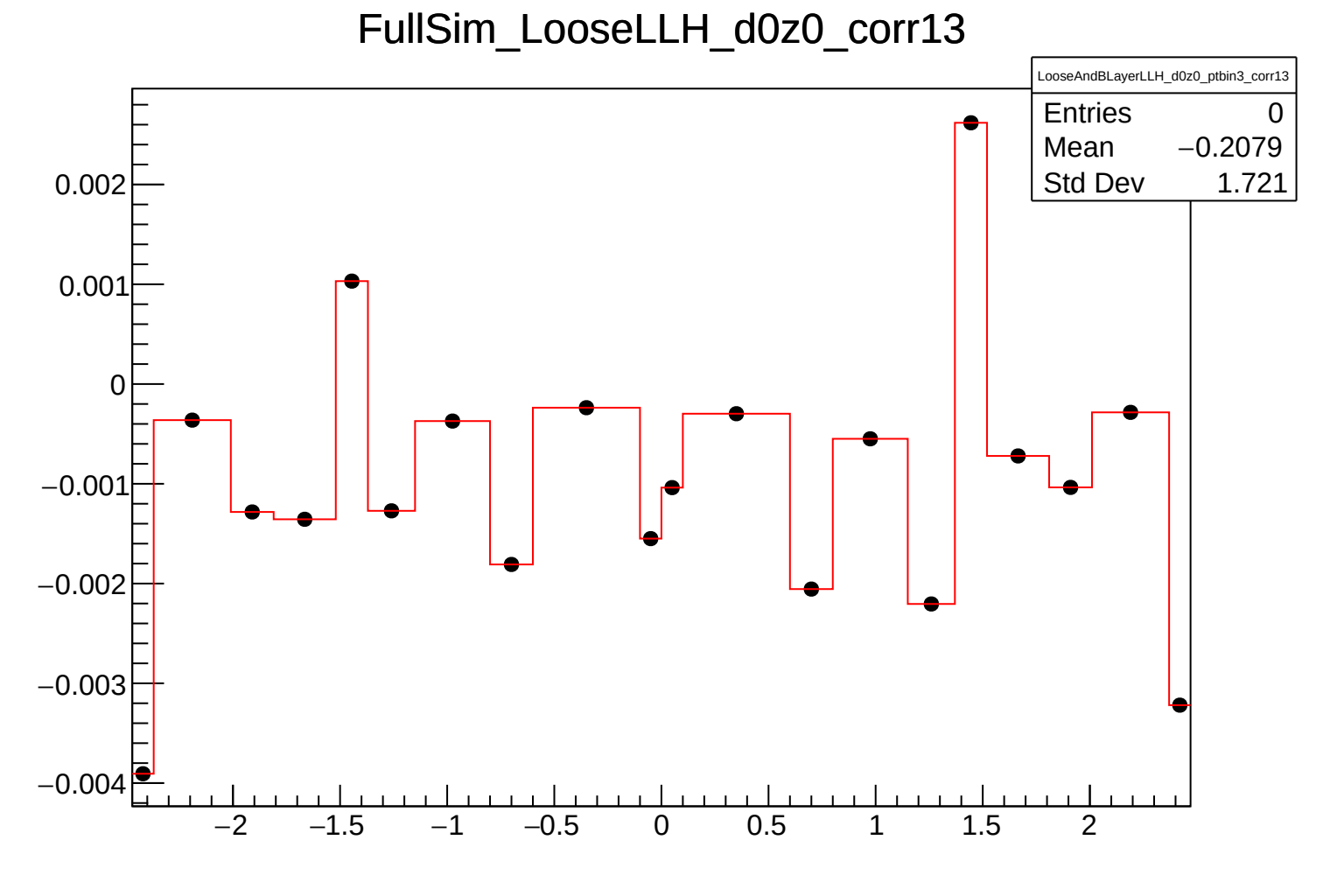
FullSim_LooseLLH_d0z0_corr13
LooseAndBLayerLLH_d0z0_ptbin3_corr13
Entries 0
Mean −0.2079
Std Dev 1.721
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0.001
0
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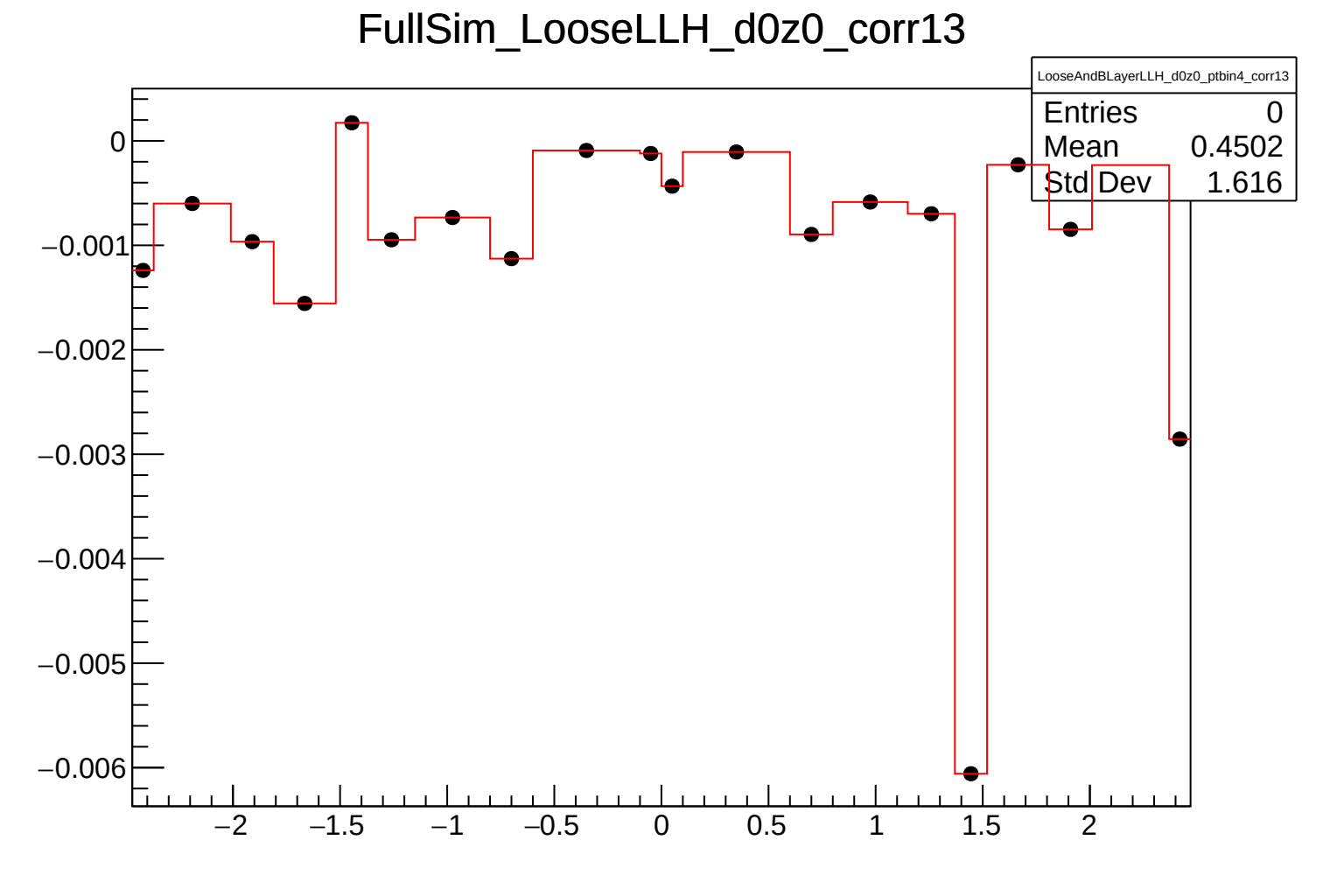
FullSim_LooseLLH_d0z0_corr13
LooseAndBLayerLLH_d0z0_ptbin4_corr13
Entries 0
Mean 0.4502
Std Dev 1.616
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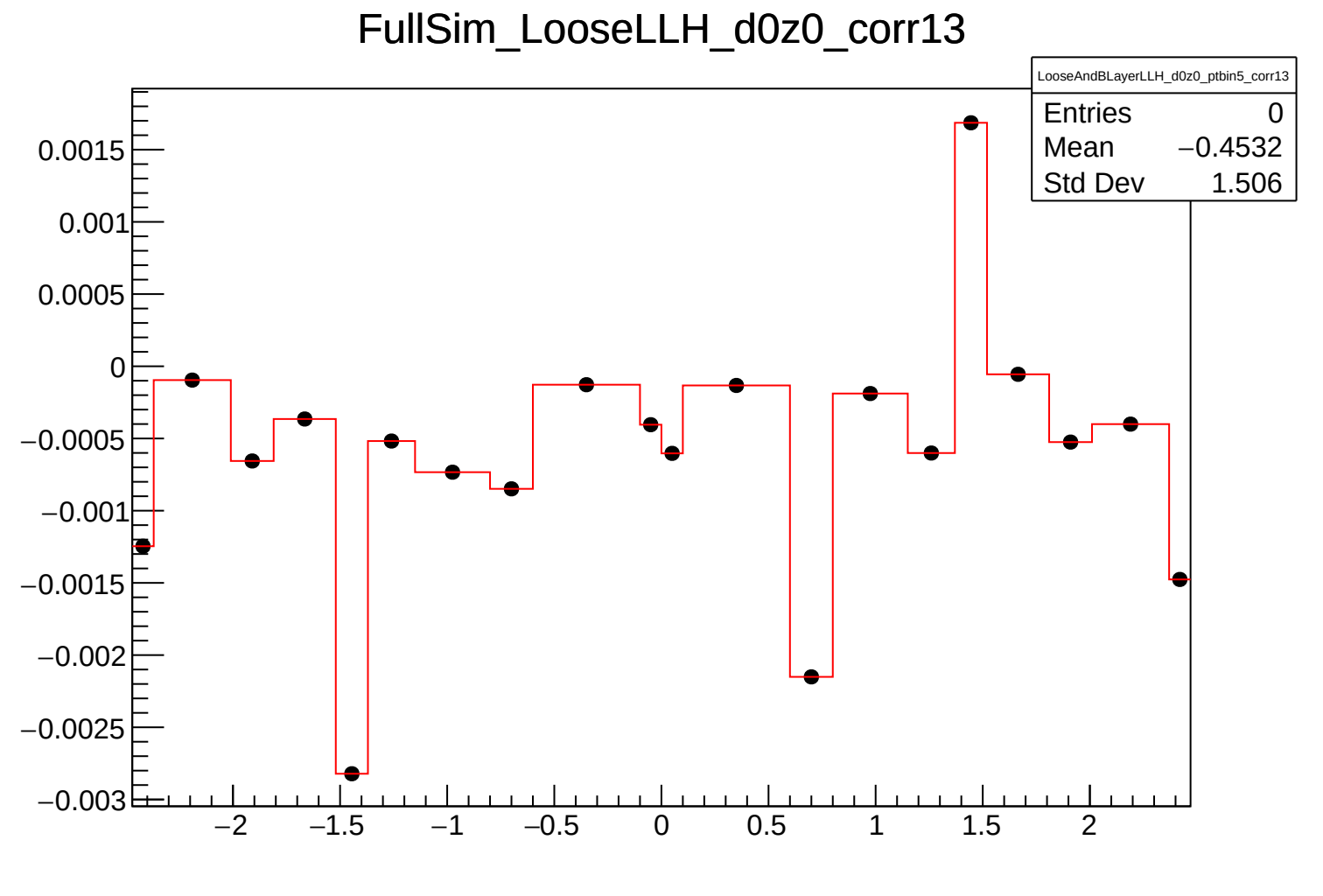
FullSim_LooseLLH_d0z0_corr13
LooseAndBLayerLLH_d0z0_ptbin5_corr13
Entries 0
Mean −0.4532
Std Dev 1.506
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0.0005
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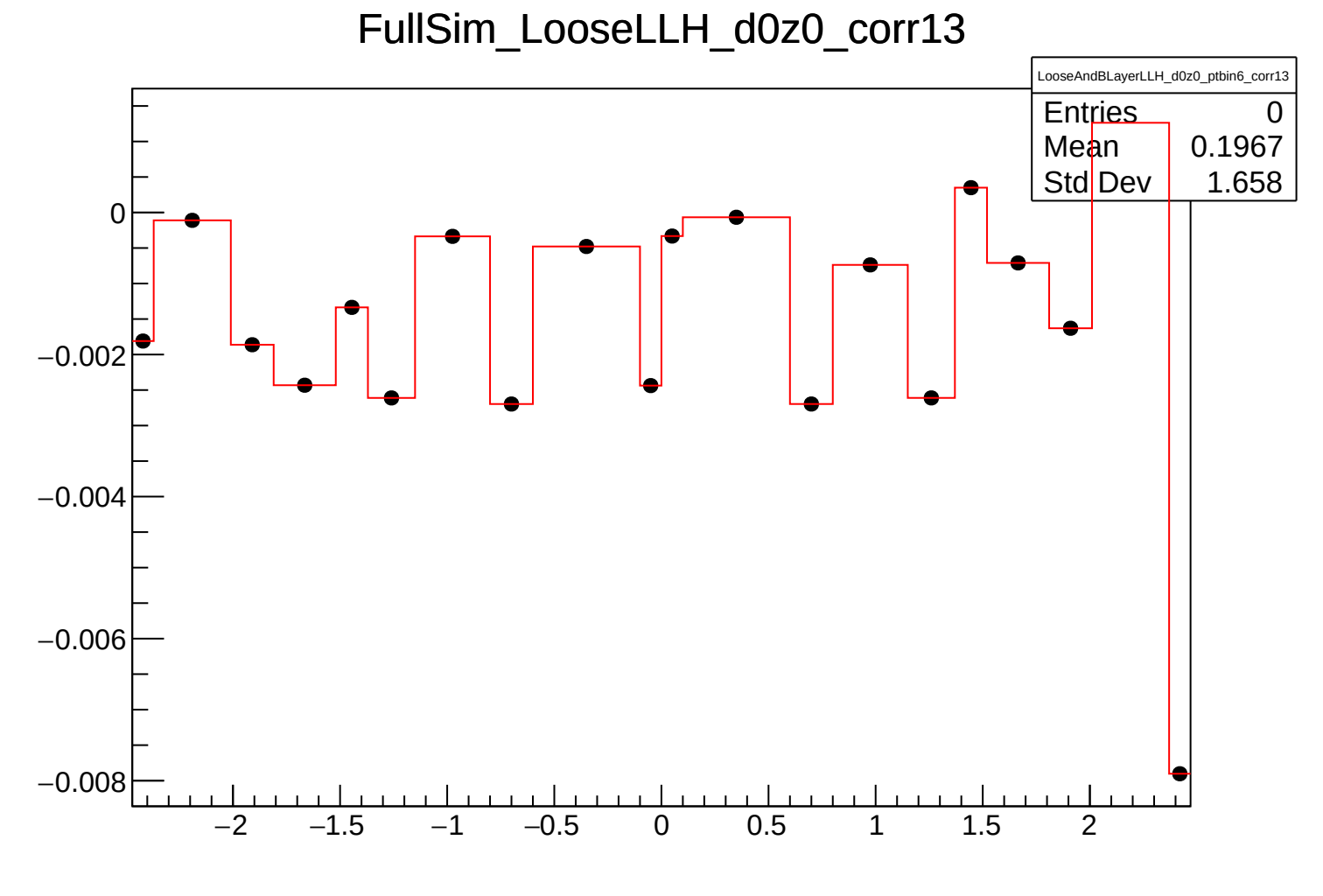
FullSim_LooseLLH_d0z0_corr13
LooseAndBLayerLLH_d0z0_ptbin6_corr13
Entries 0
Mean 0.1967
Std Dev 1.658
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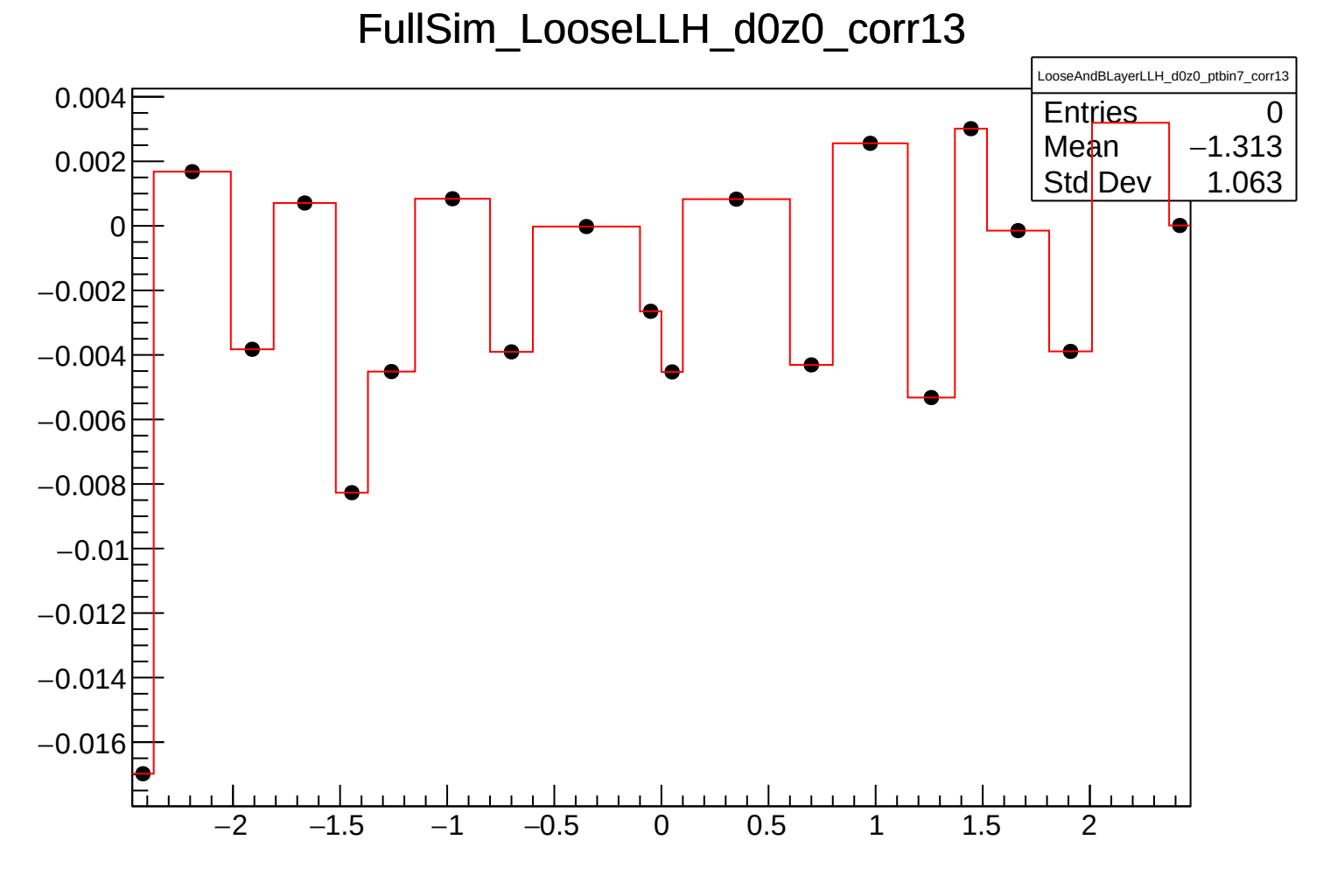
FullSim_LooseLLH_d0z0_corr13
LooseAndBLayerLLH_d0z0_ptbin7_corr13
Entries 0
Mean −1.313
Std Dev 1.063
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0
−0.002
−0.004
−0.006
−0.008
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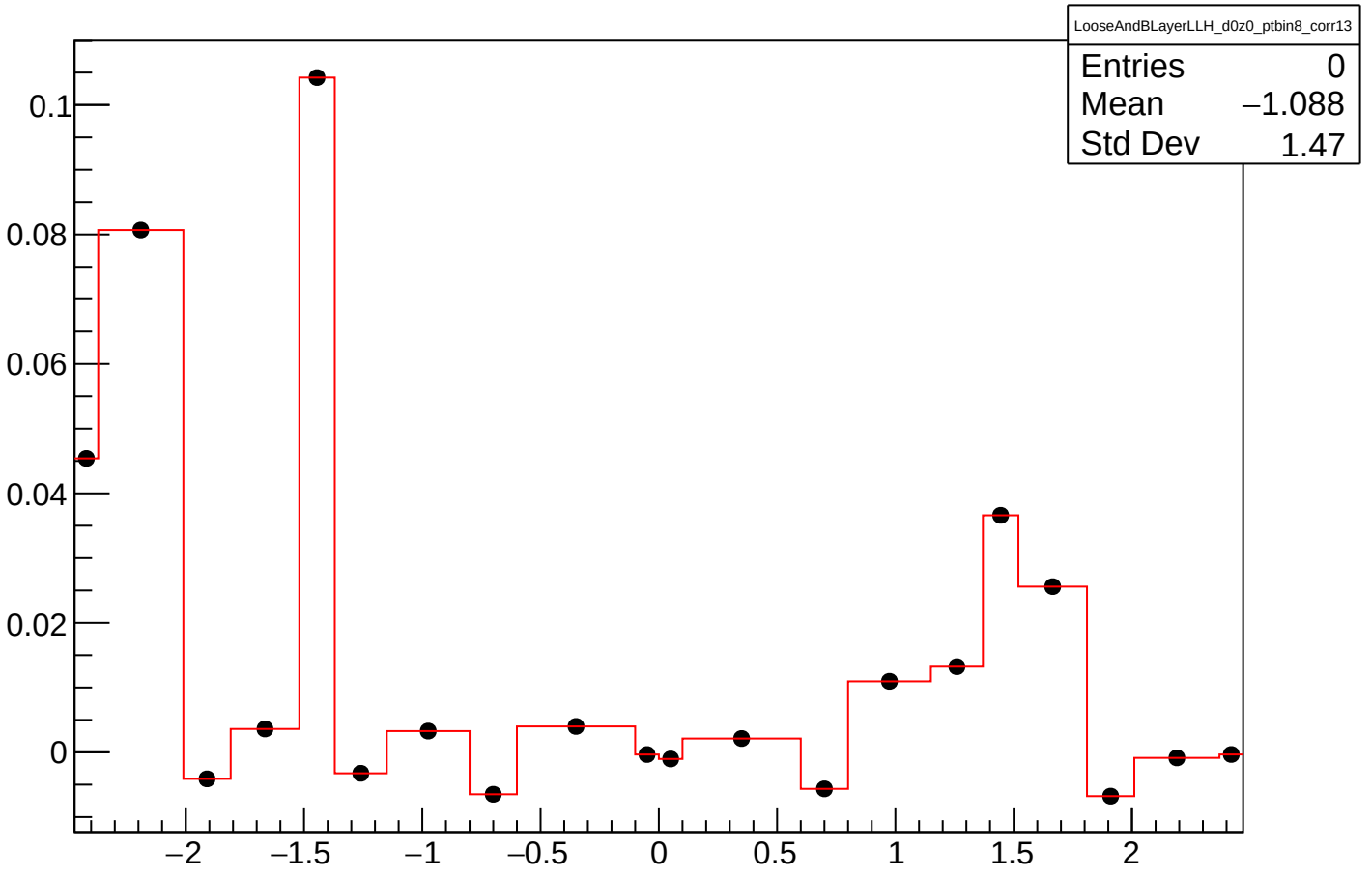
FullSim_LooseLLH_d0z0_corr13
LooseAndBLayerLLH_d0z0_ptbin8_corr13
Entries 0
Mean −1.088
Std Dev 1.47
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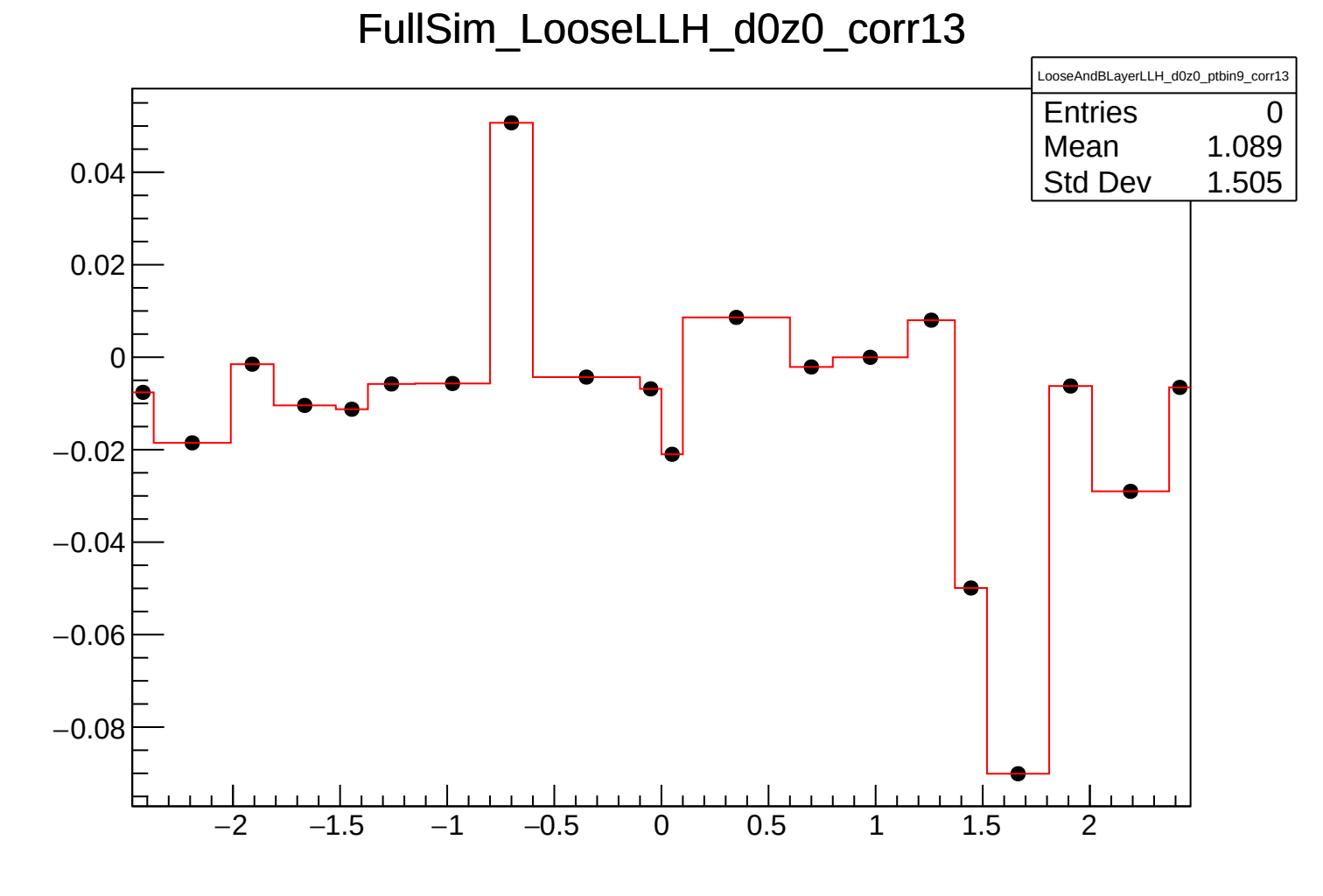
FullSim_LooseLLH_d0z0_corr13
LooseAndBLayerLLH_d0z0_ptbin9_corr13
Entries 0
Mean 1.089
Std Dev 1.505
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0.02
0
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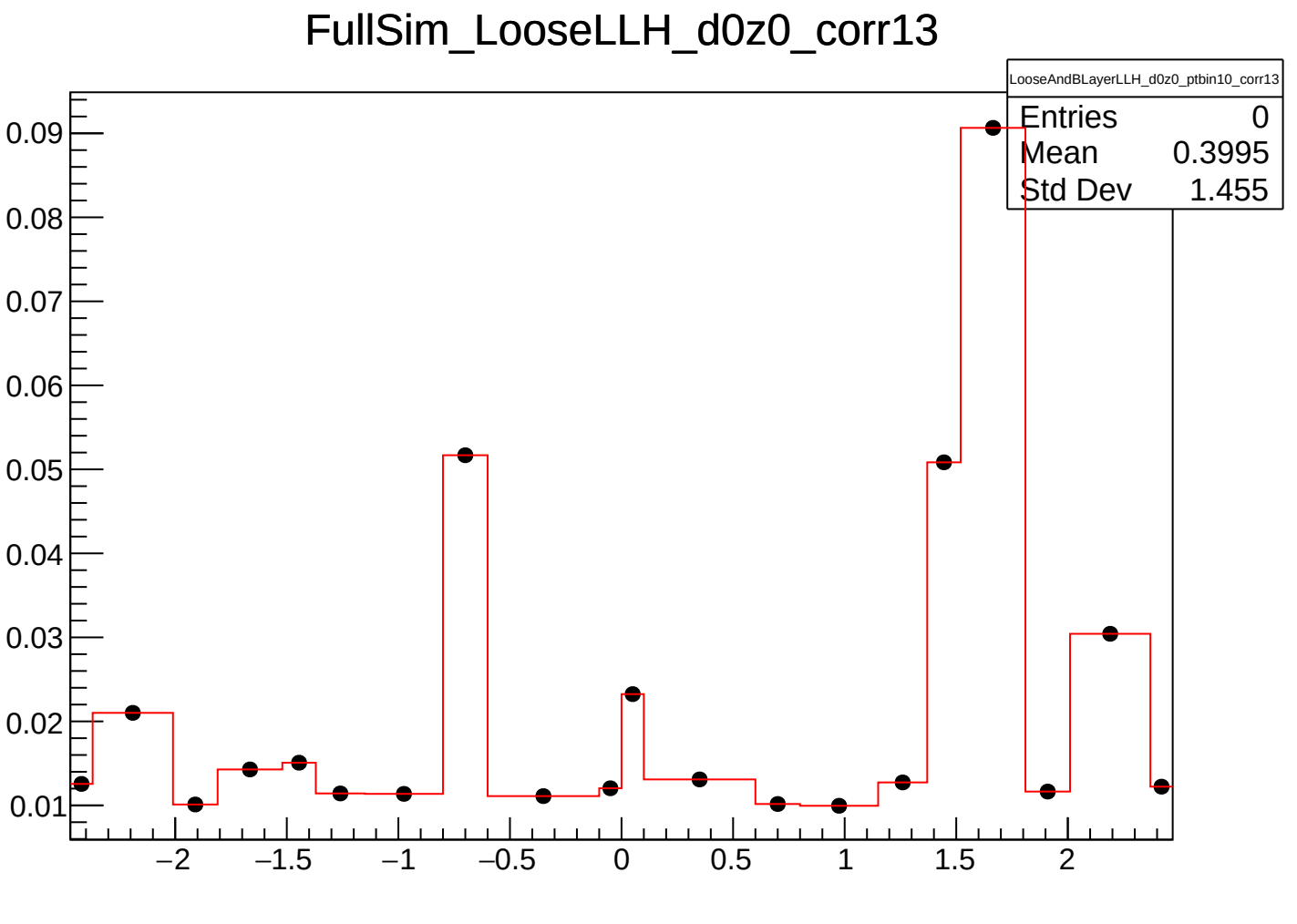
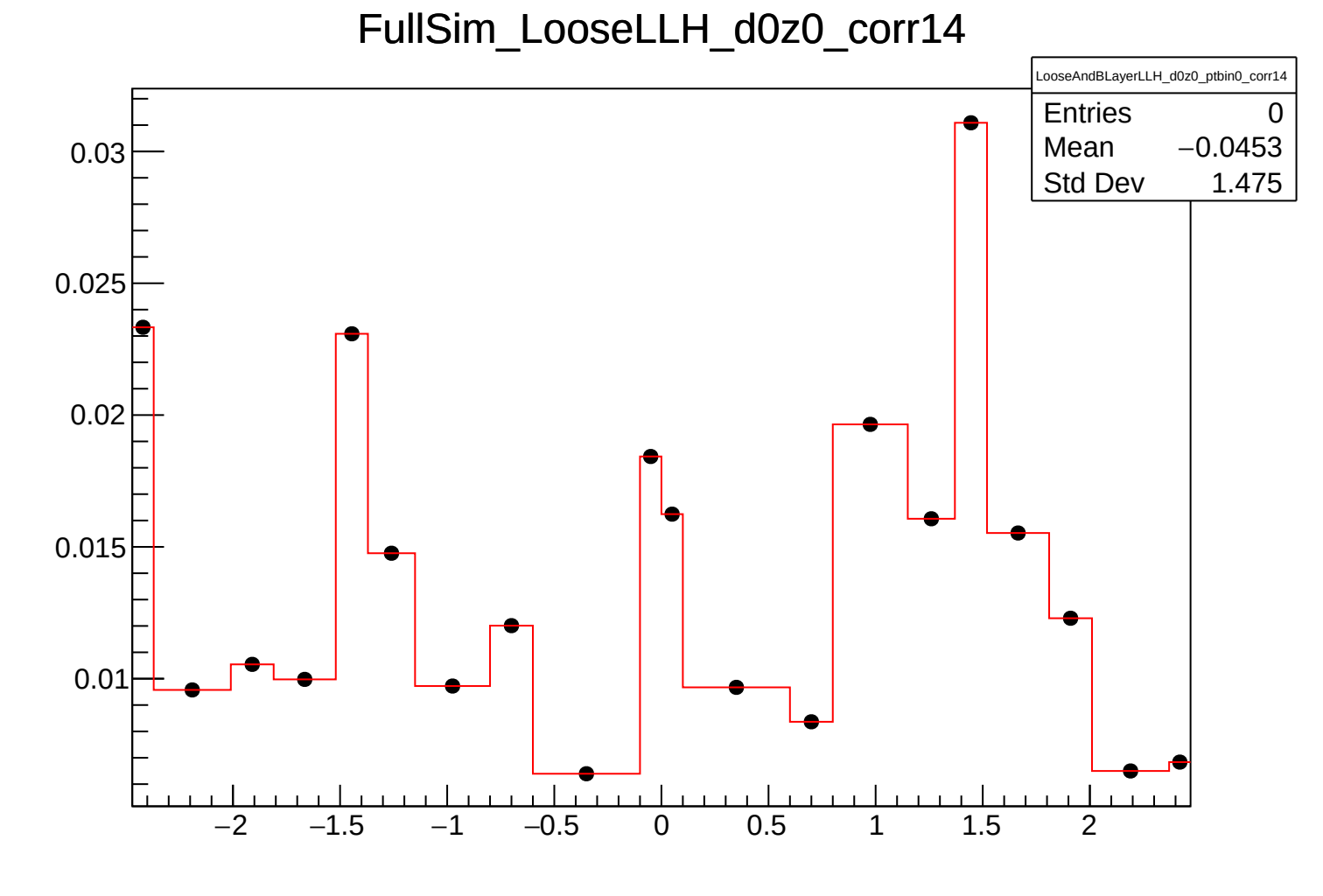
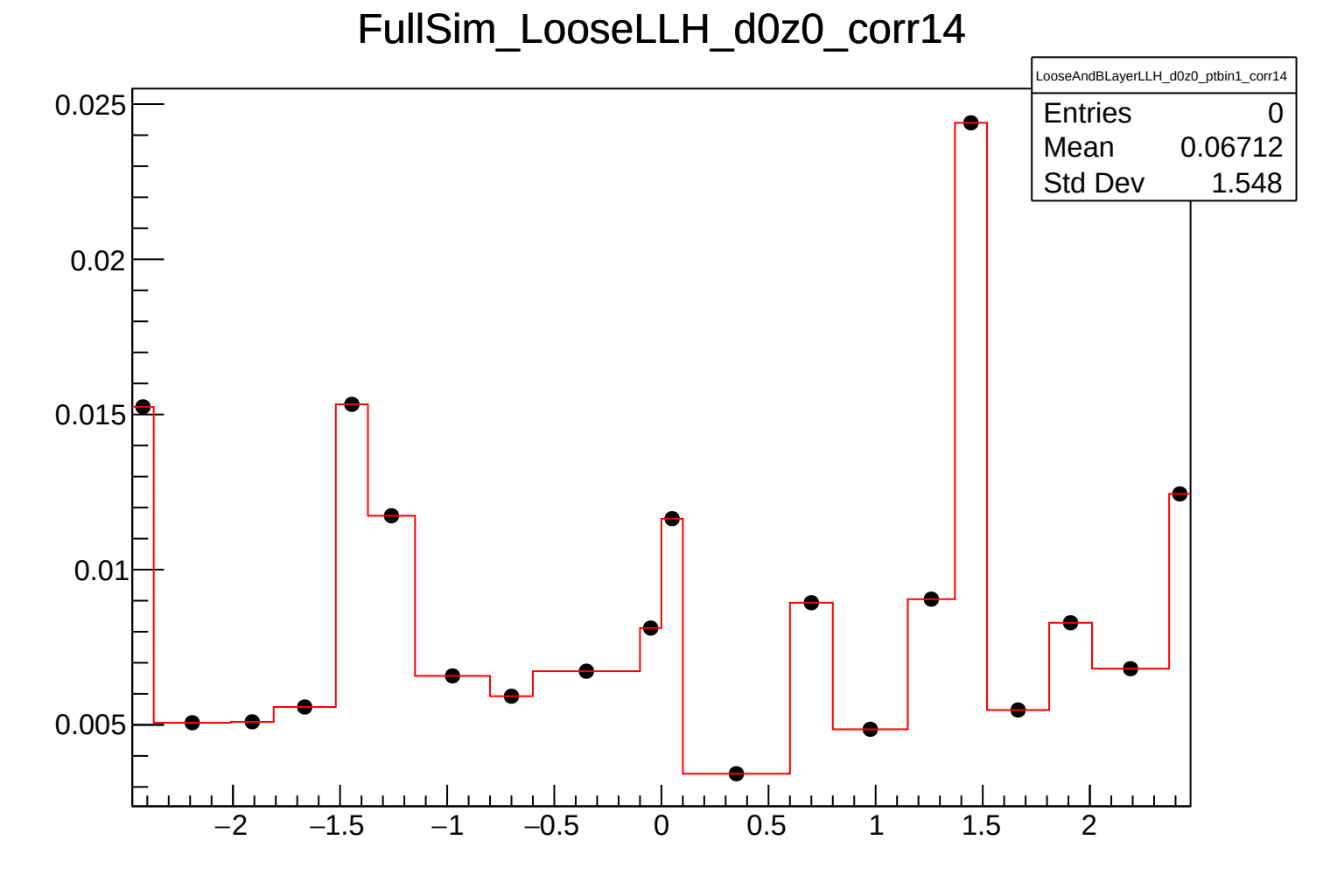
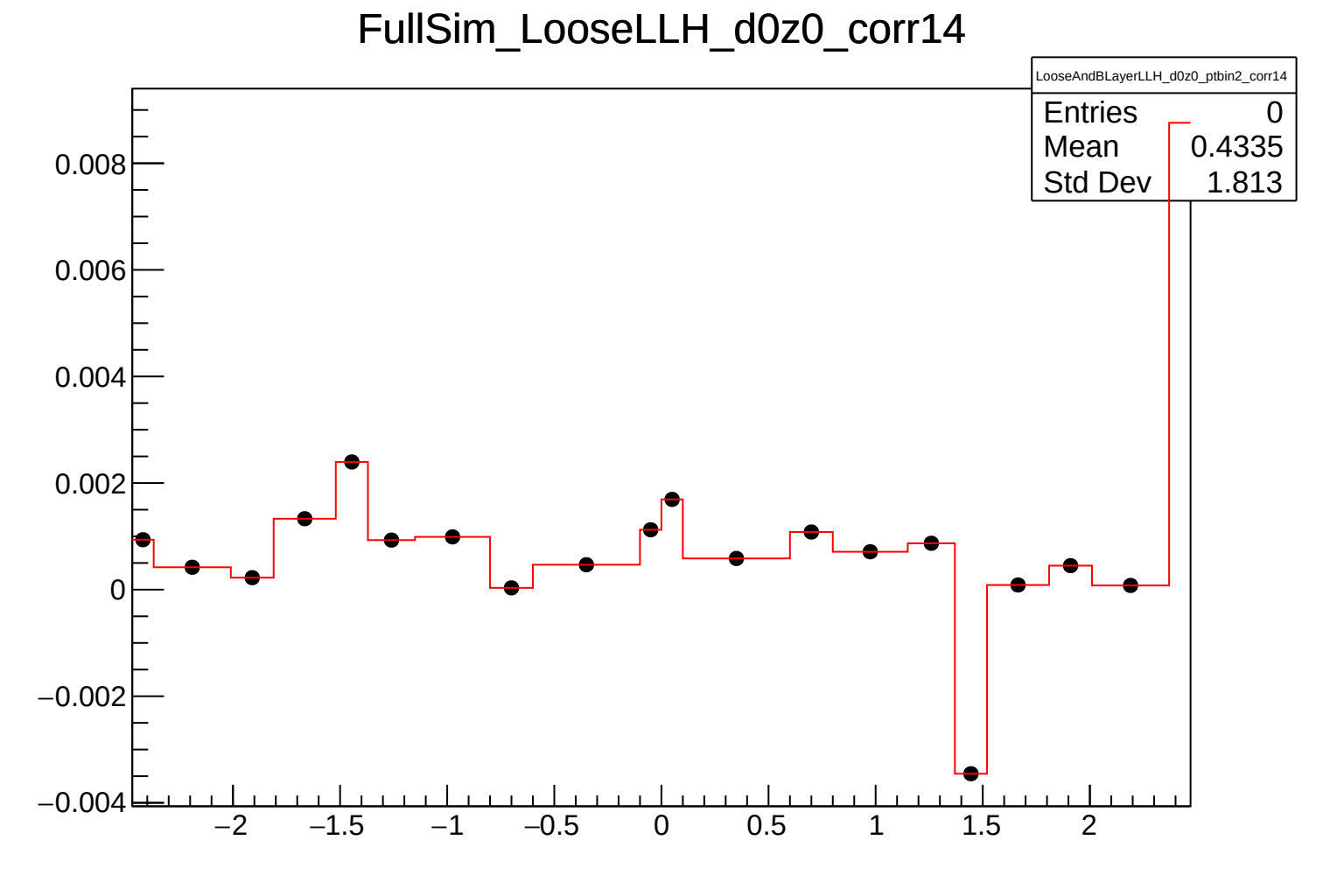
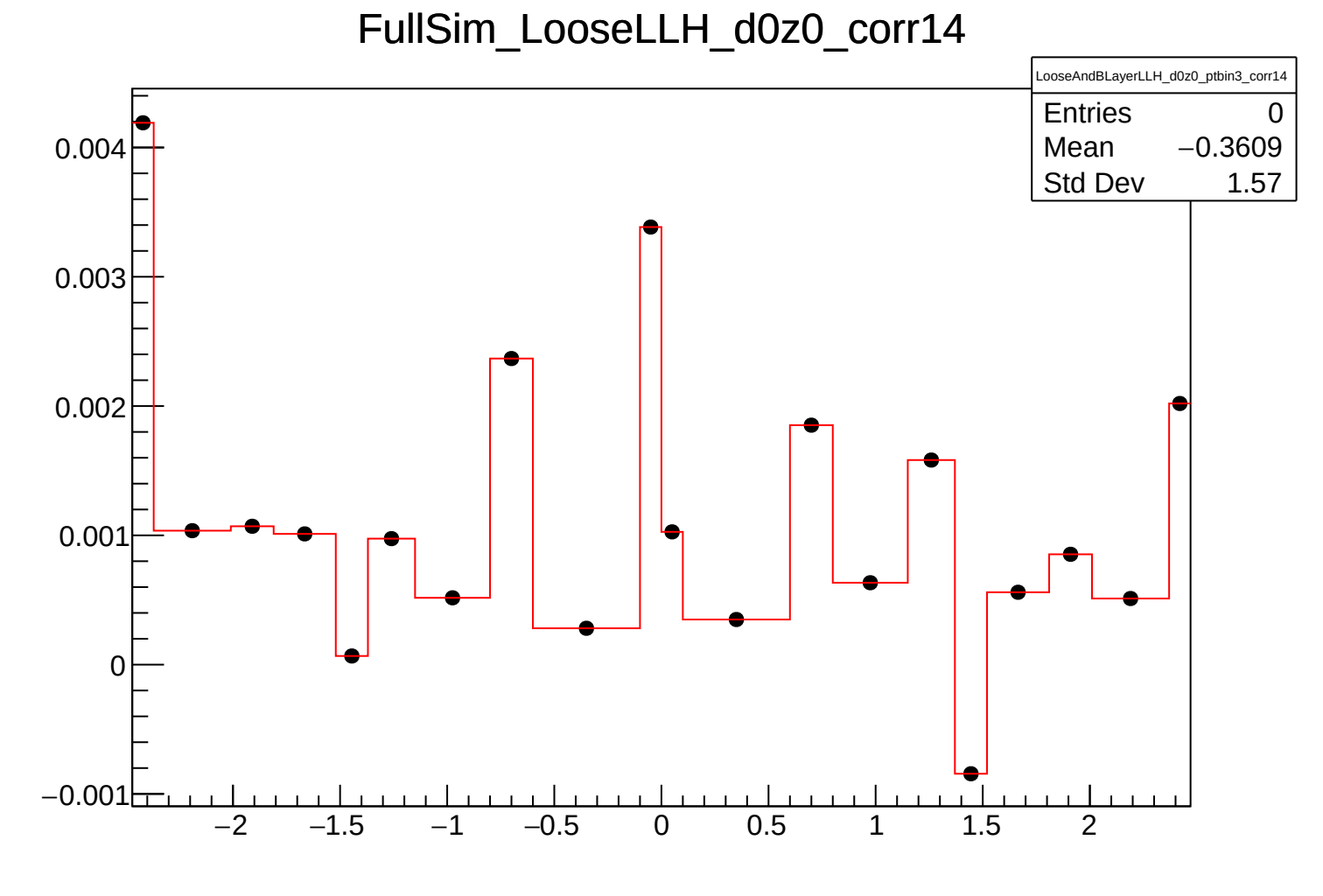
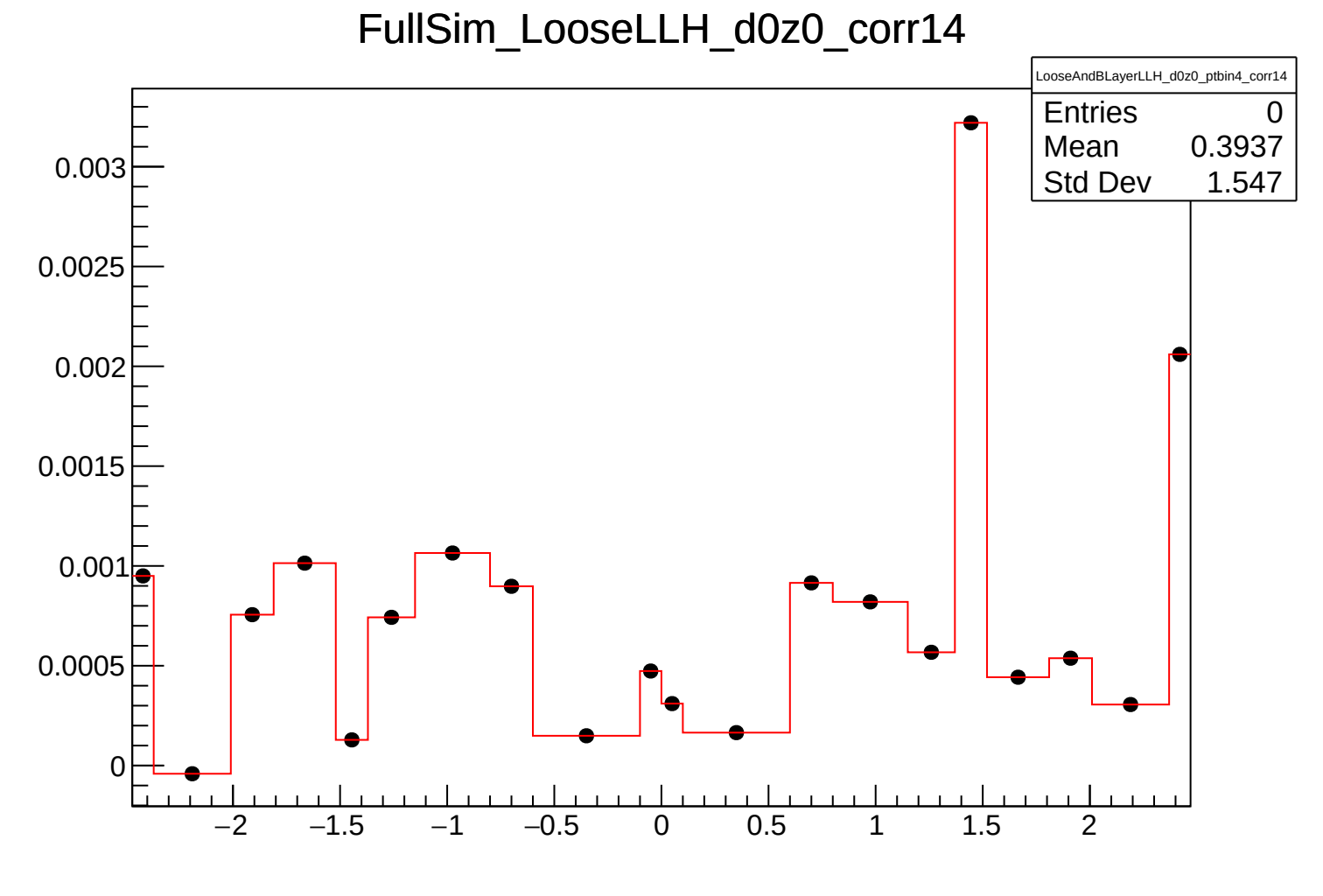

FullSim_LooseLLH_d0z0_corr13
LooseAndBLayerLLH_d0z0_ptbin10_corr13
Entries 0
Mean 0.3995
Std Dev 1.455
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2

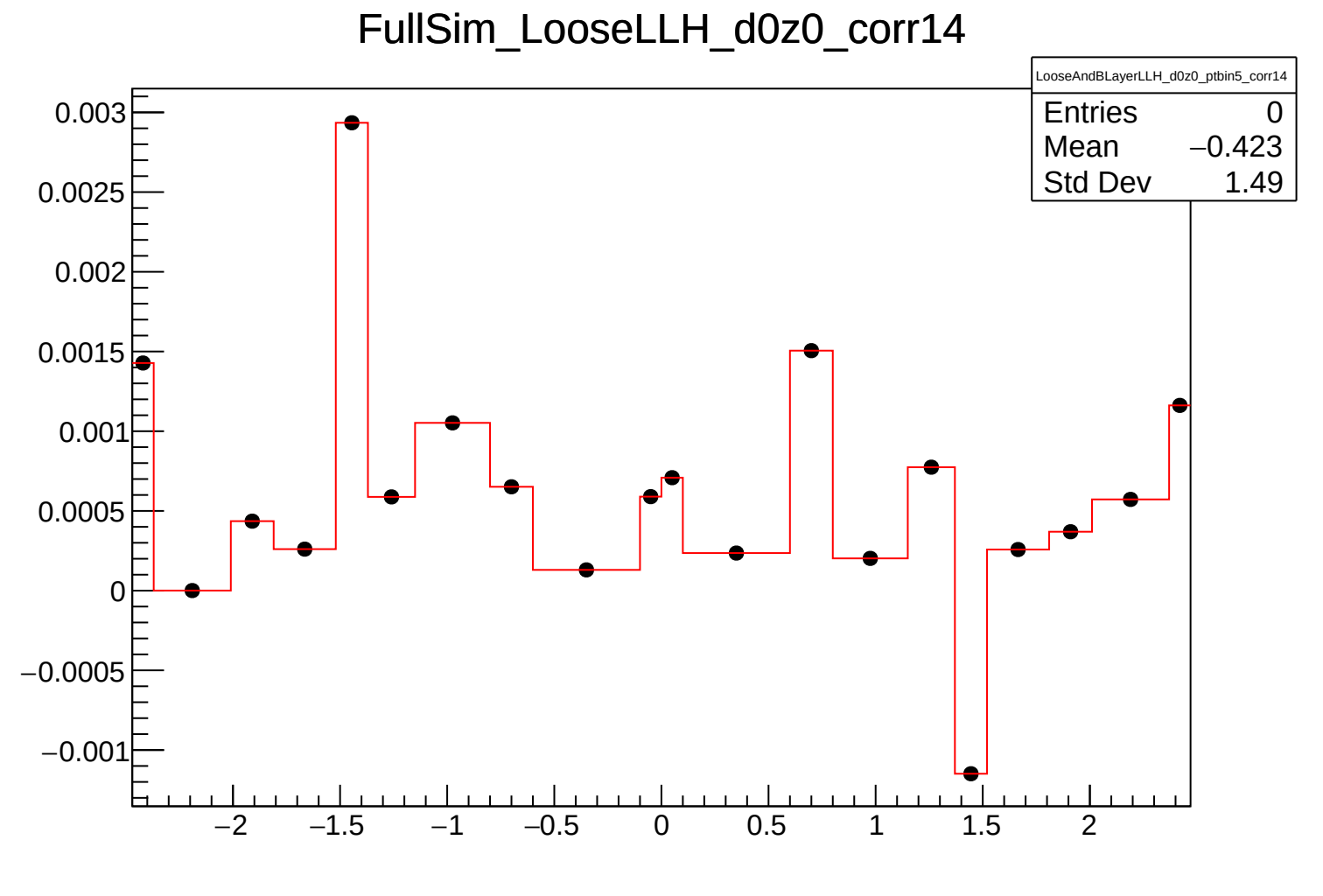

FullSim_LooseLLH_d0z0_corr14
LooseAndBLayerLLH_d0z0_ptbin0_corr14
Entries 0
Mean −0.0453
Std Dev 1.475
0.03
0.025
0.02
0.015
0.01
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2

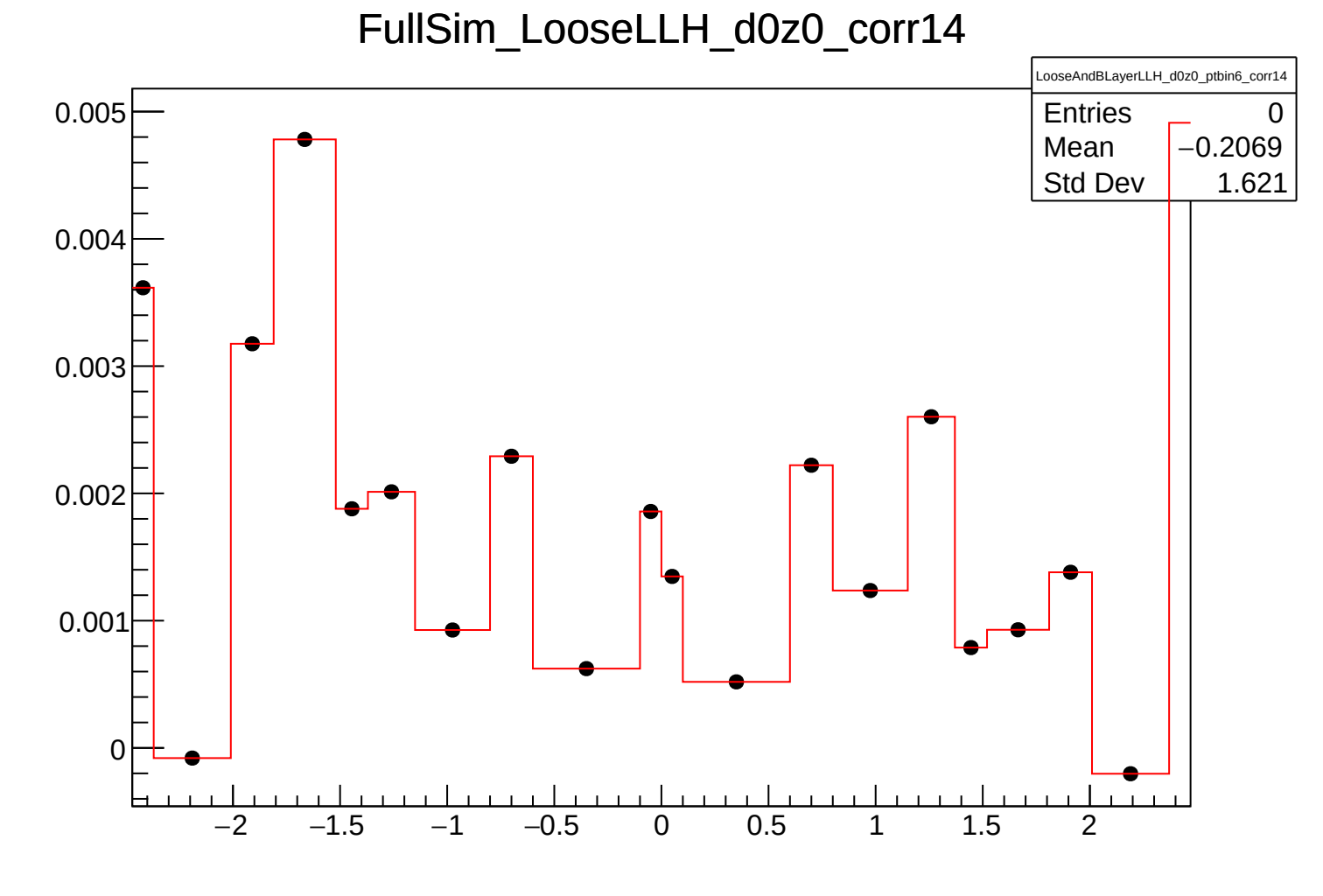

FullSim_LooseLLH_d0z0_corr14
LooseAndBLayerLLH_d0z0_ptbin1_corr14
Entries 0
Mean 0.06712
Std Dev 1.548
0.025
0.02
0.015
0.01
0.005
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2

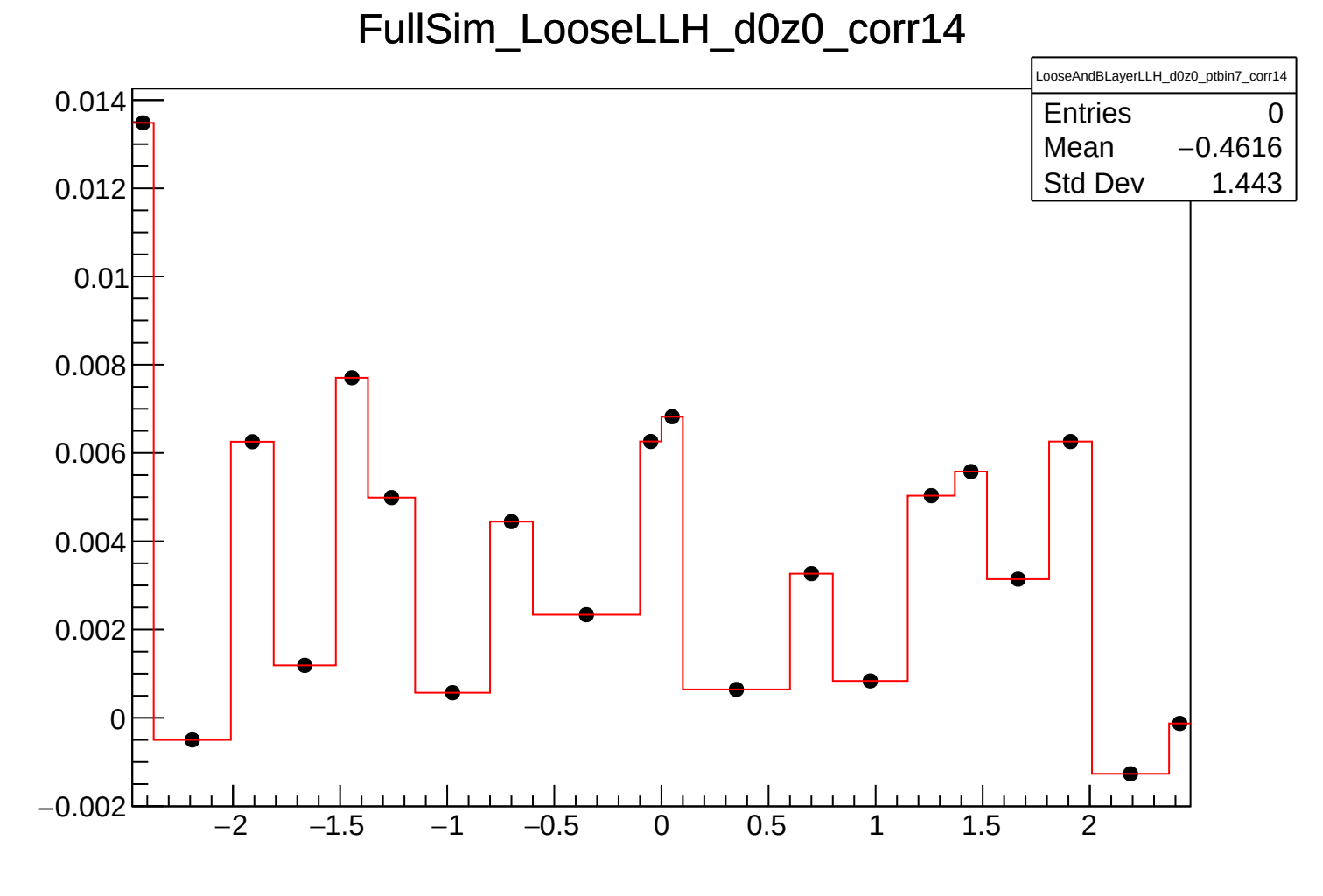

FullSim_LooseLLH_d0z0_corr14
LooseAndBLayerLLH_d0z0_ptbin2_corr14
Entries 0
Mean 0.4335
Std Dev 1.813
0.008
0.006
0.004
0.002
0
−0.002
−0.004
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2

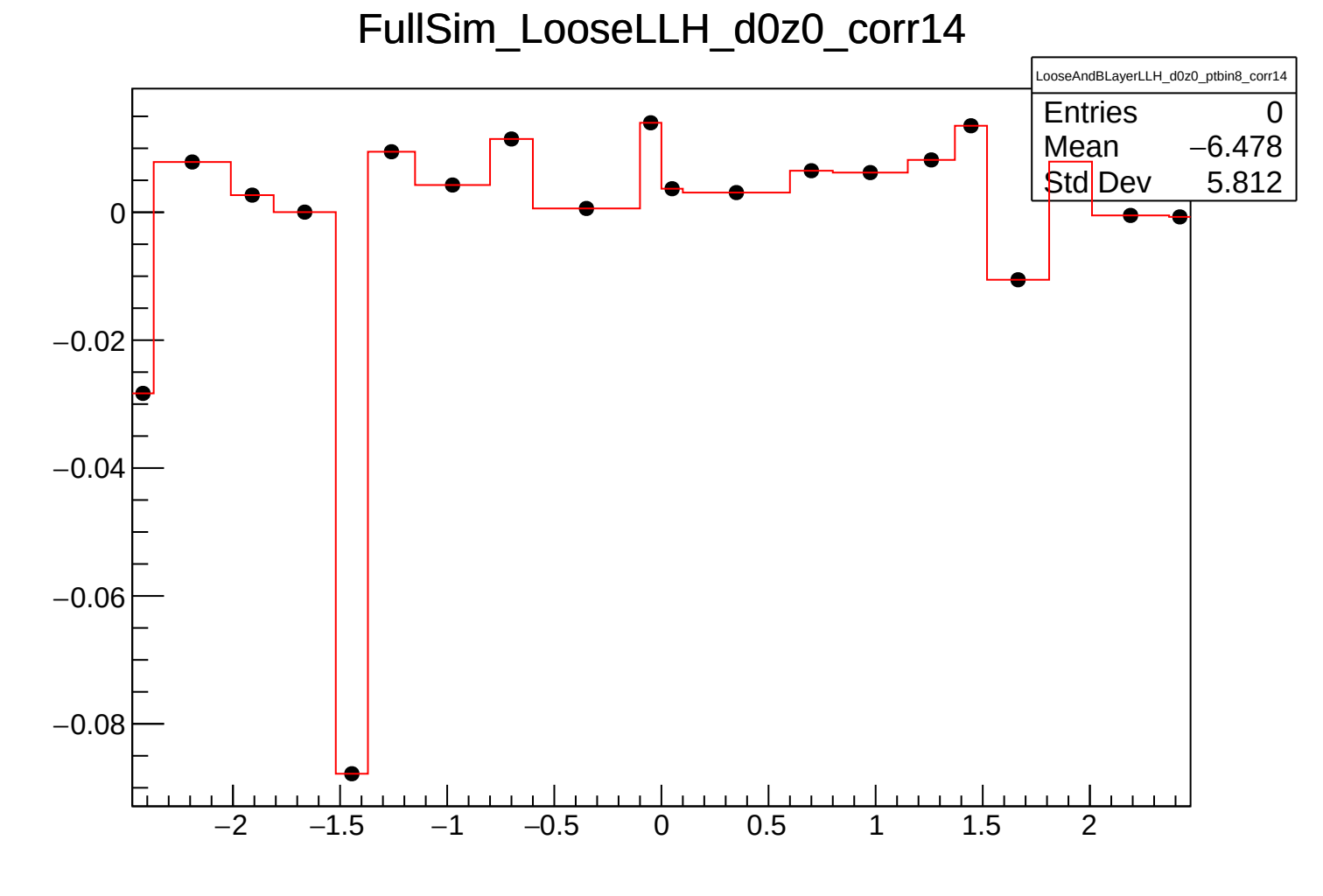

FullSim_LooseLLH_d0z0_corr14
LooseAndBLayerLLH_d0z0_ptbin3_corr14
Entries 0
Mean −0.3609
Std Dev 1.57
0.004
0.003
0.002
0.001
0
−0.001
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2

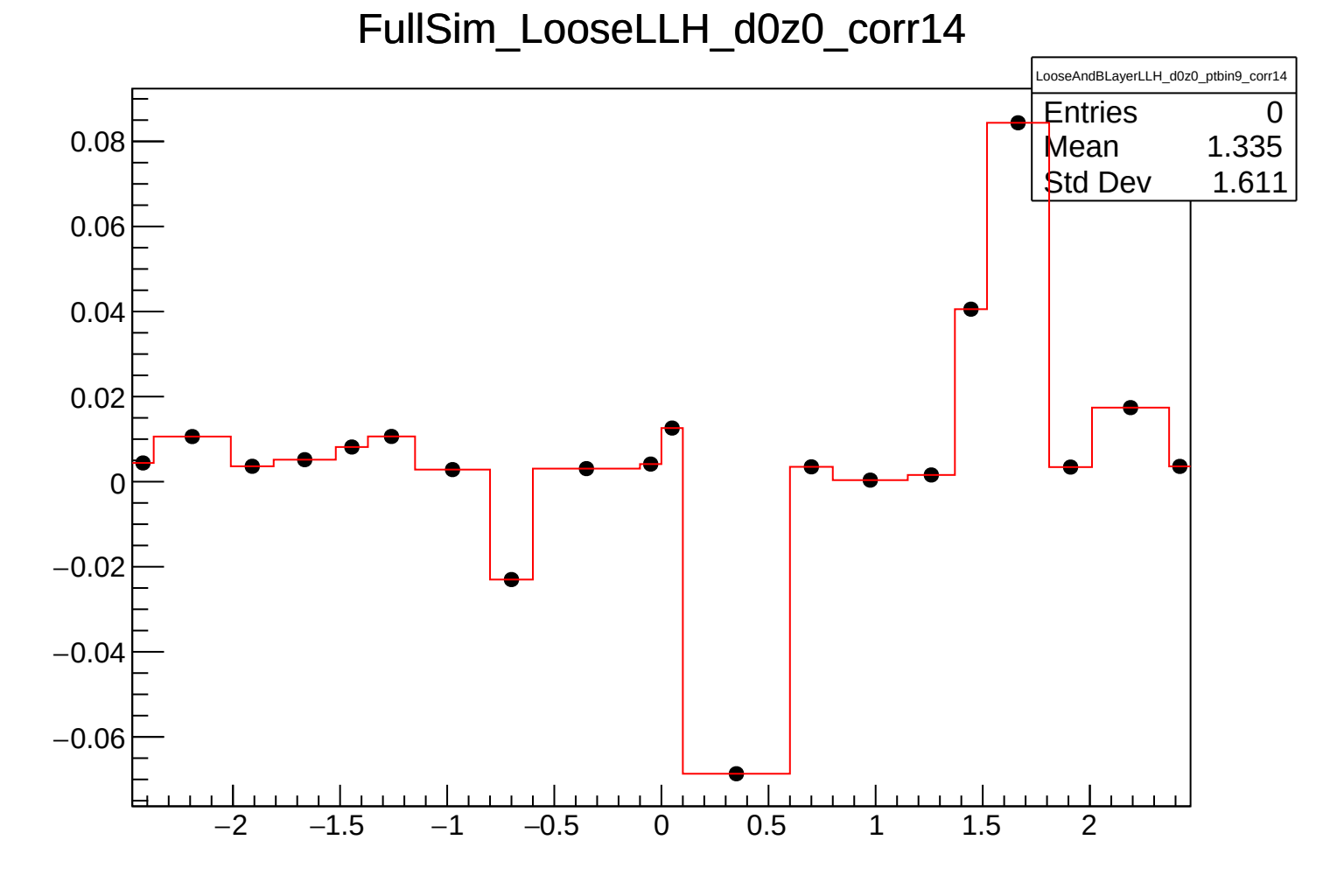

FullSim_LooseLLH_d0z0_corr14
LooseAndBLayerLLH_d0z0_ptbin4_corr14
Entries 0
Mean 0.3937
Std Dev 1.547
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2

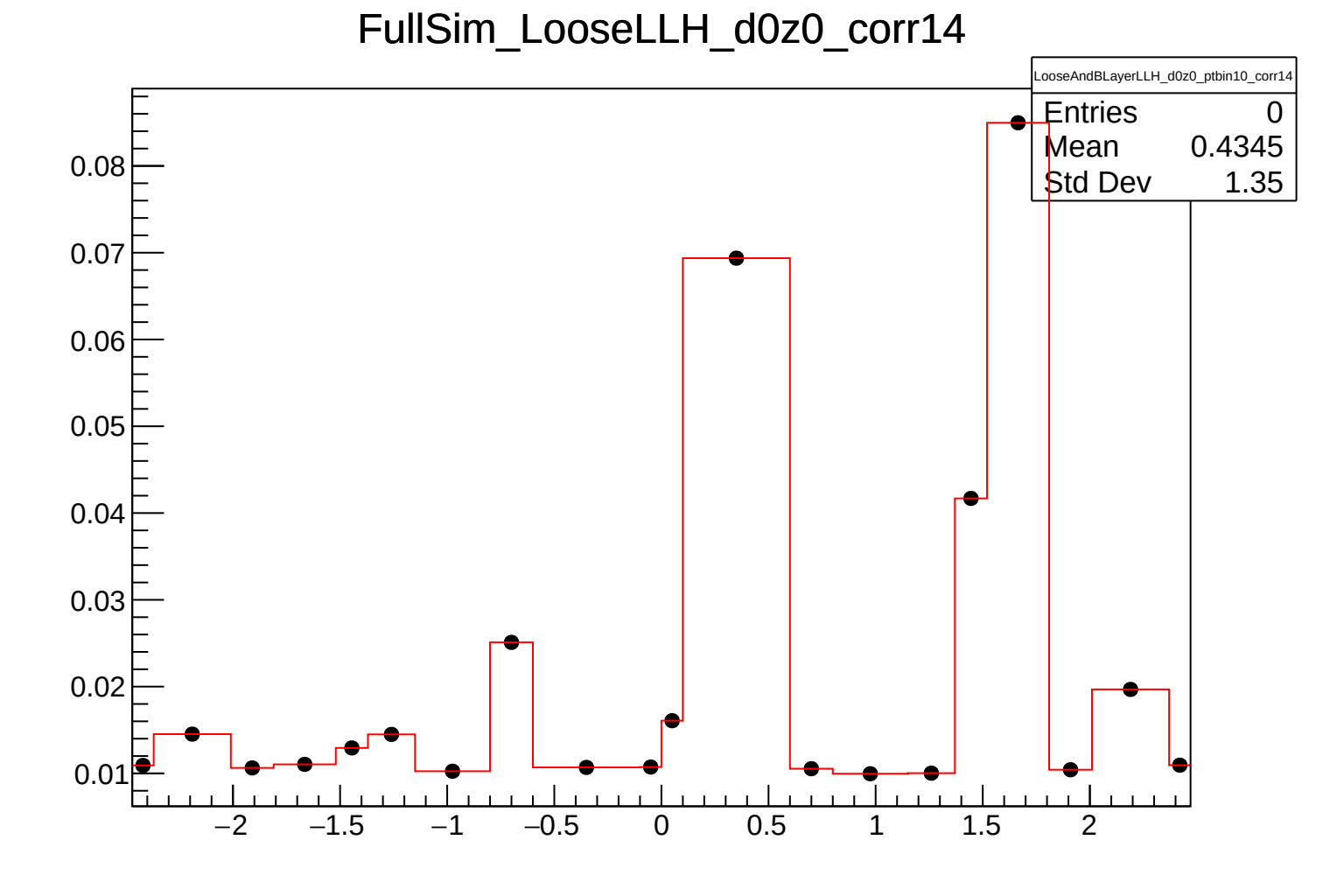

FullSim_LooseLLH_d0z0_corr14
LooseAndBLayerLLH_d0z0_ptbin5_corr14
Entries 0
Mean −0.423
Std Dev 1.49
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
−0.0005
−0.001
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_LooseLLH_d0z0_corr14
LooseAndBLayerLLH_d0z0_ptbin6_corr14
Entries 0
Mean −0.2069
Std Dev 1.621
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_LooseLLH_d0z0_corr14
LooseAndBLayerLLH_d0z0_ptbin7_corr14
Entries 0
Mean −0.4616
Std Dev 1.443
0.014
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_LooseLLH_d0z0_corr14
LooseAndBLayerLLH_d0z0_ptbin8_corr14
Entries 0
Mean −6.478
Std Dev 5.812
0
−0.02
−0.04
−0.06
−0.08
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_LooseLLH_d0z0_corr14
LooseAndBLayerLLH_d0z0_ptbin9_corr14
Entries 0
Mean 1.335
Std Dev 1.611
0.08
0.06
0.04
0.02
0
−0.02
−0.04
−0.06
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


FullSim_LooseLLH_d0z0_corr14
LooseAndBLayerLLH_d0z0_ptbin10_corr14
Entries 0
Mean 0.4345
Std Dev 1.35
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2