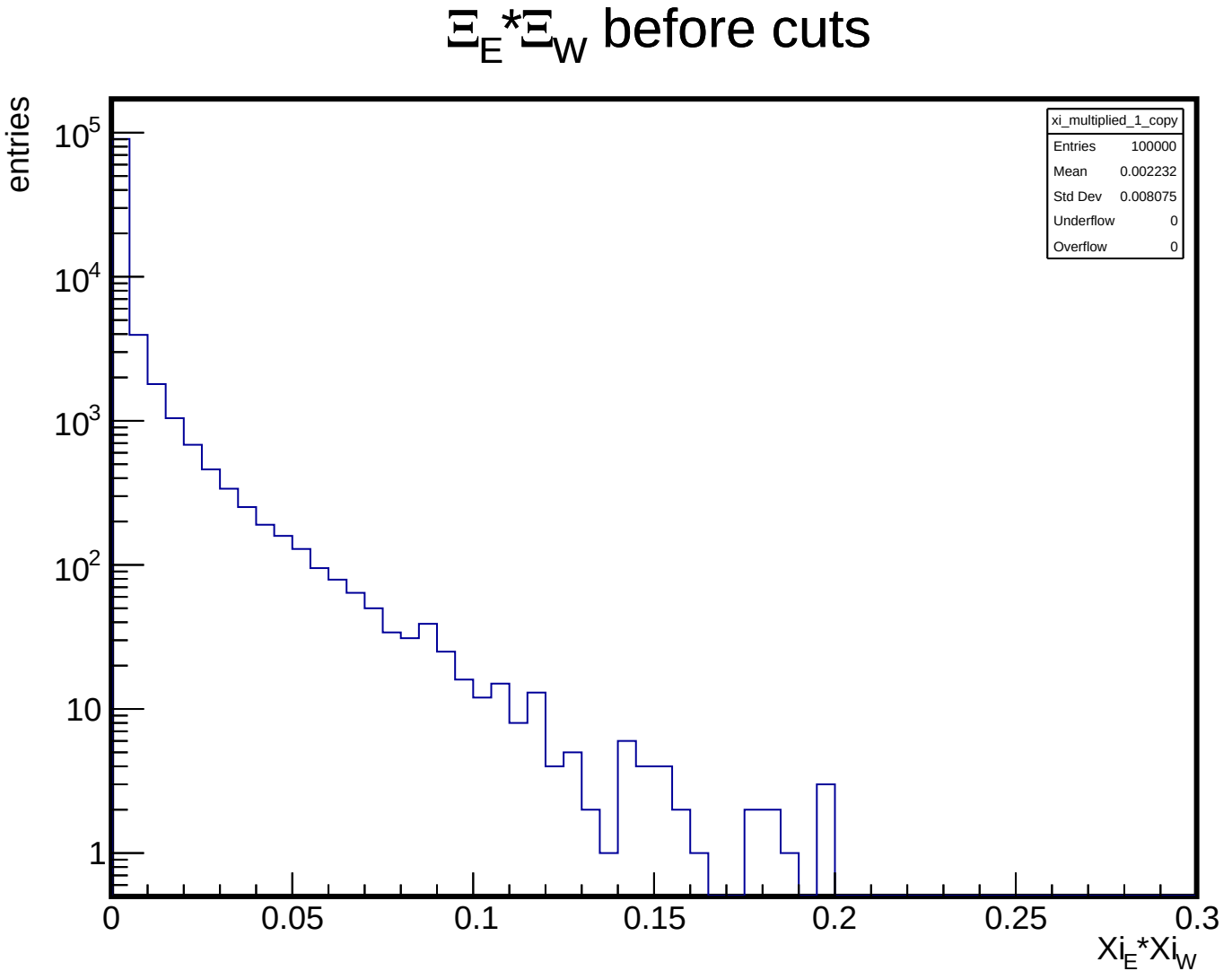
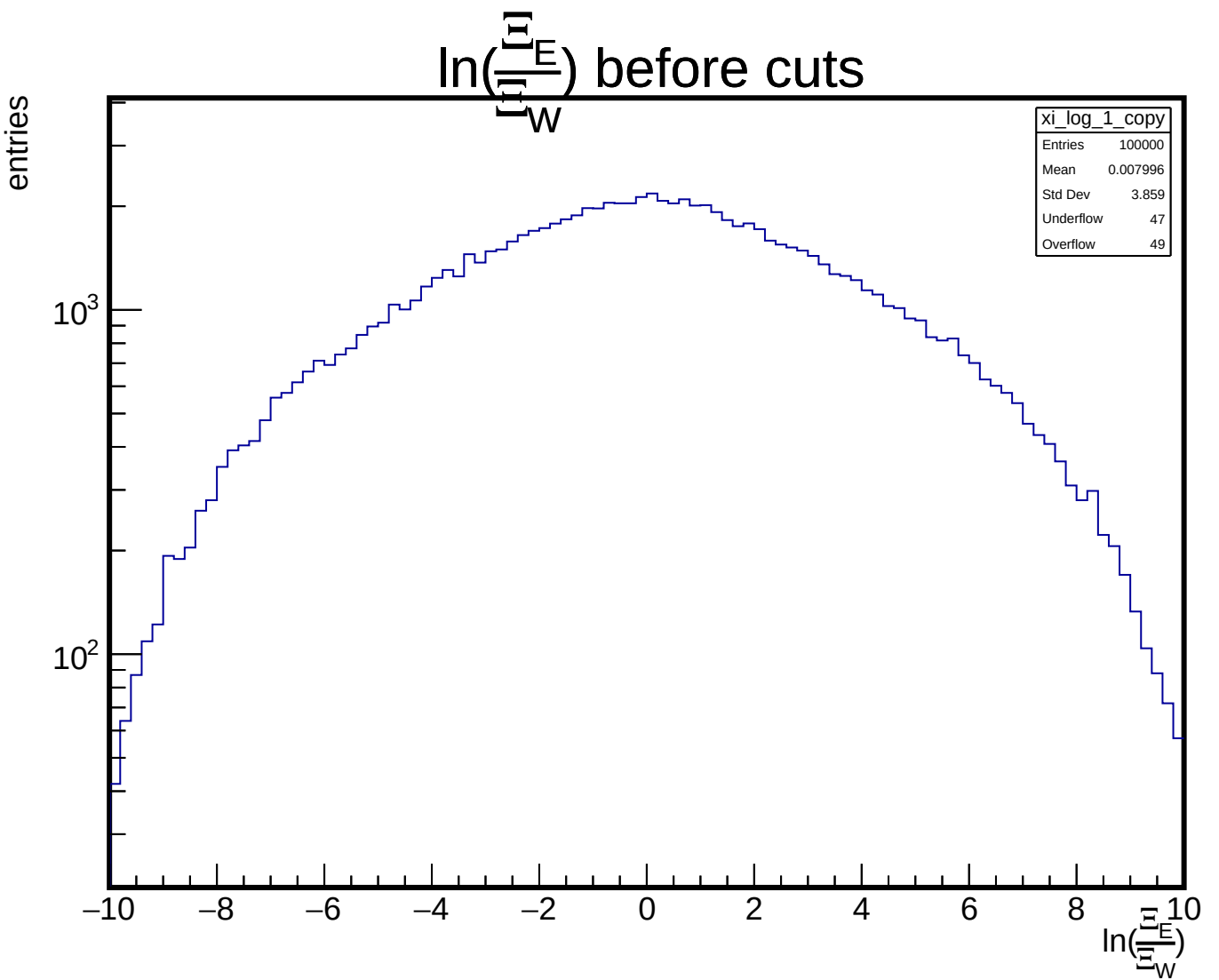
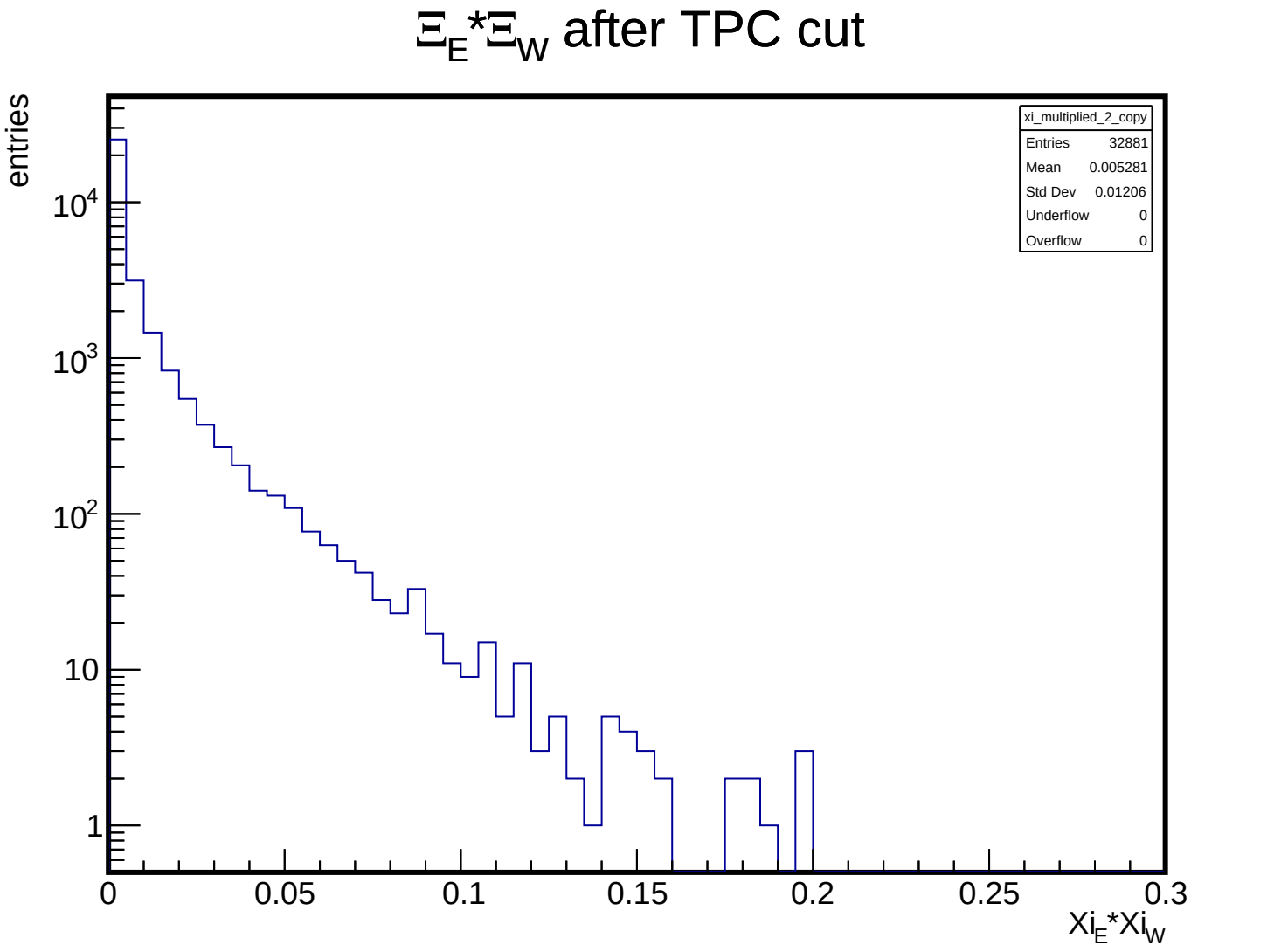
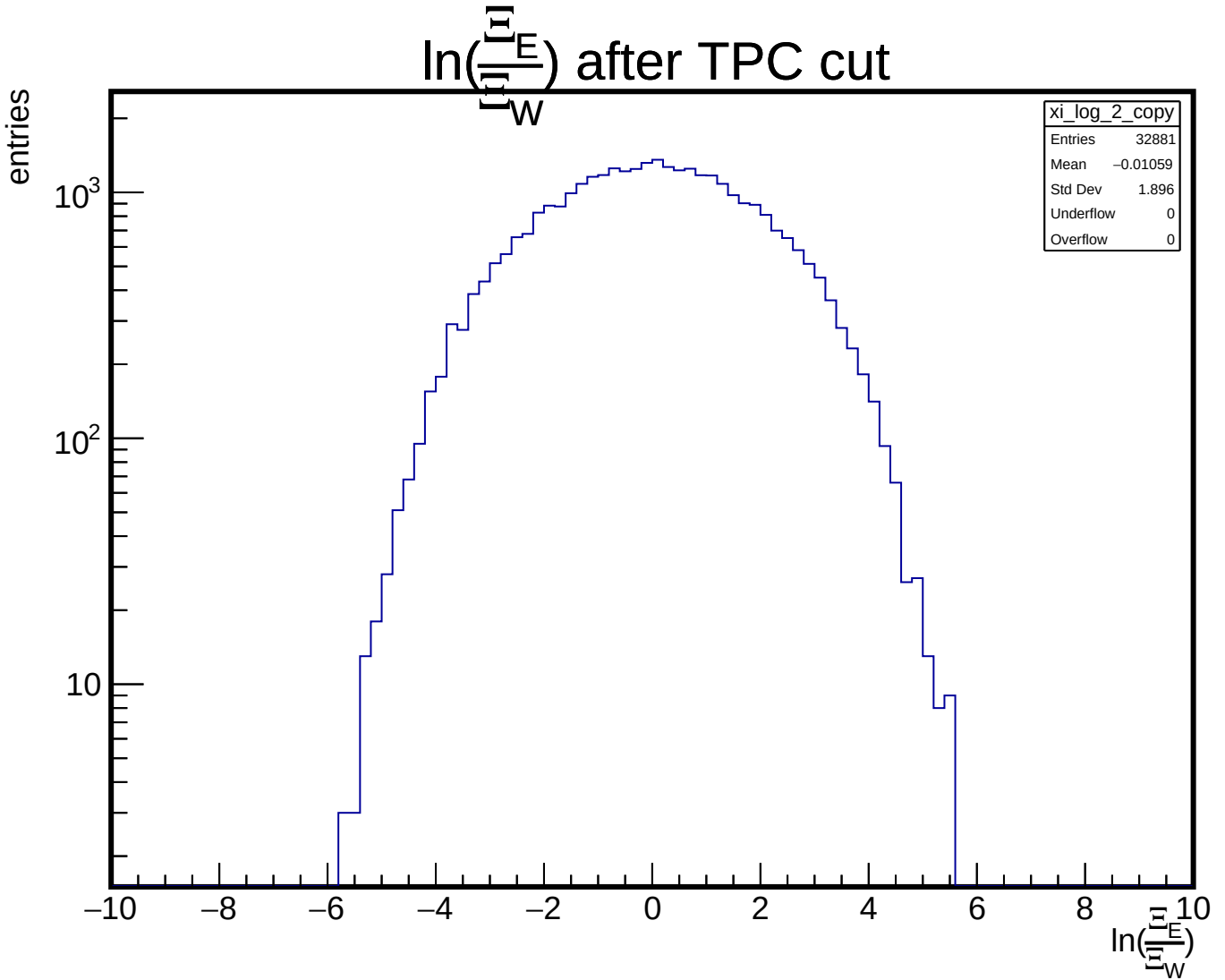
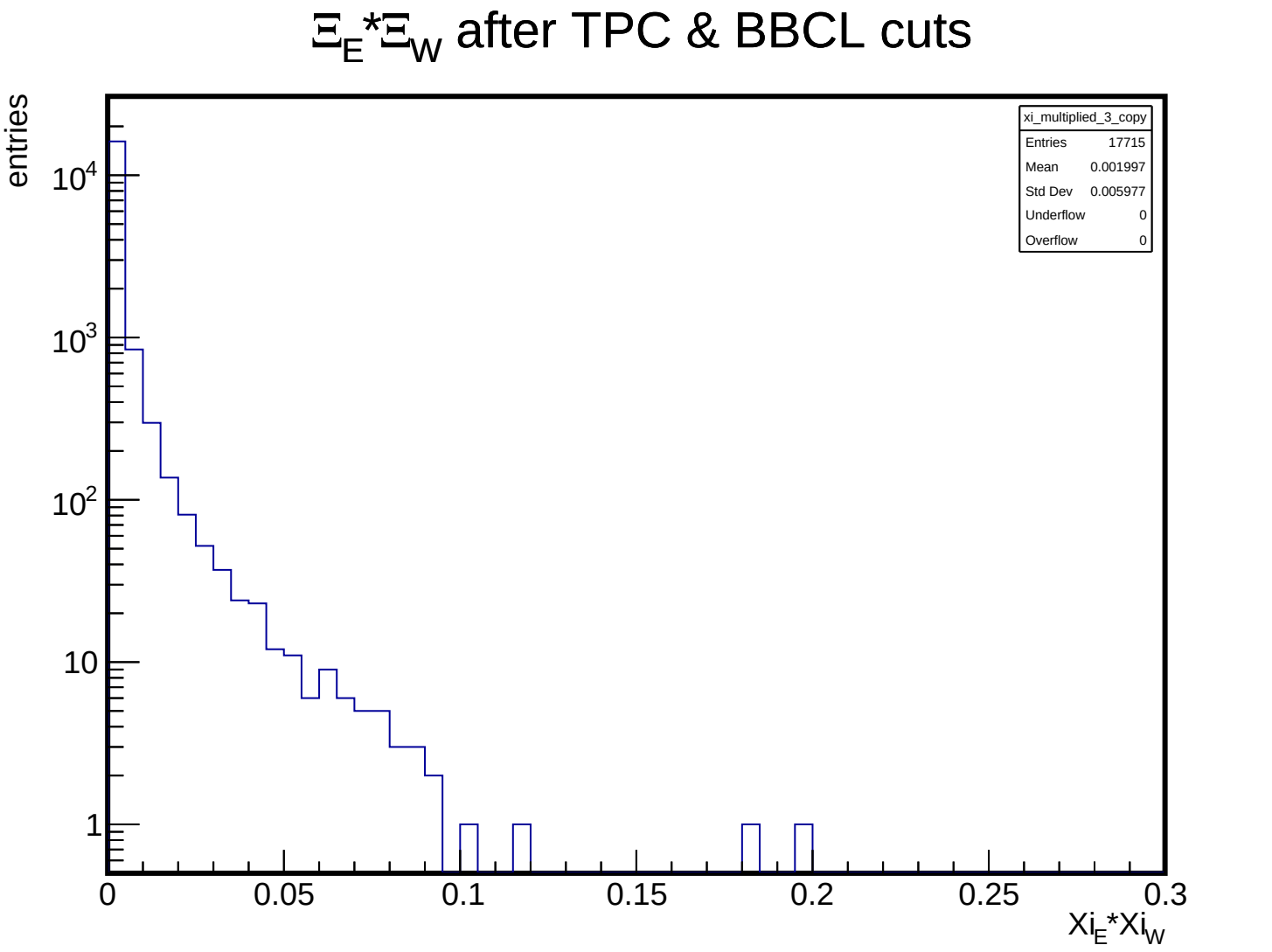
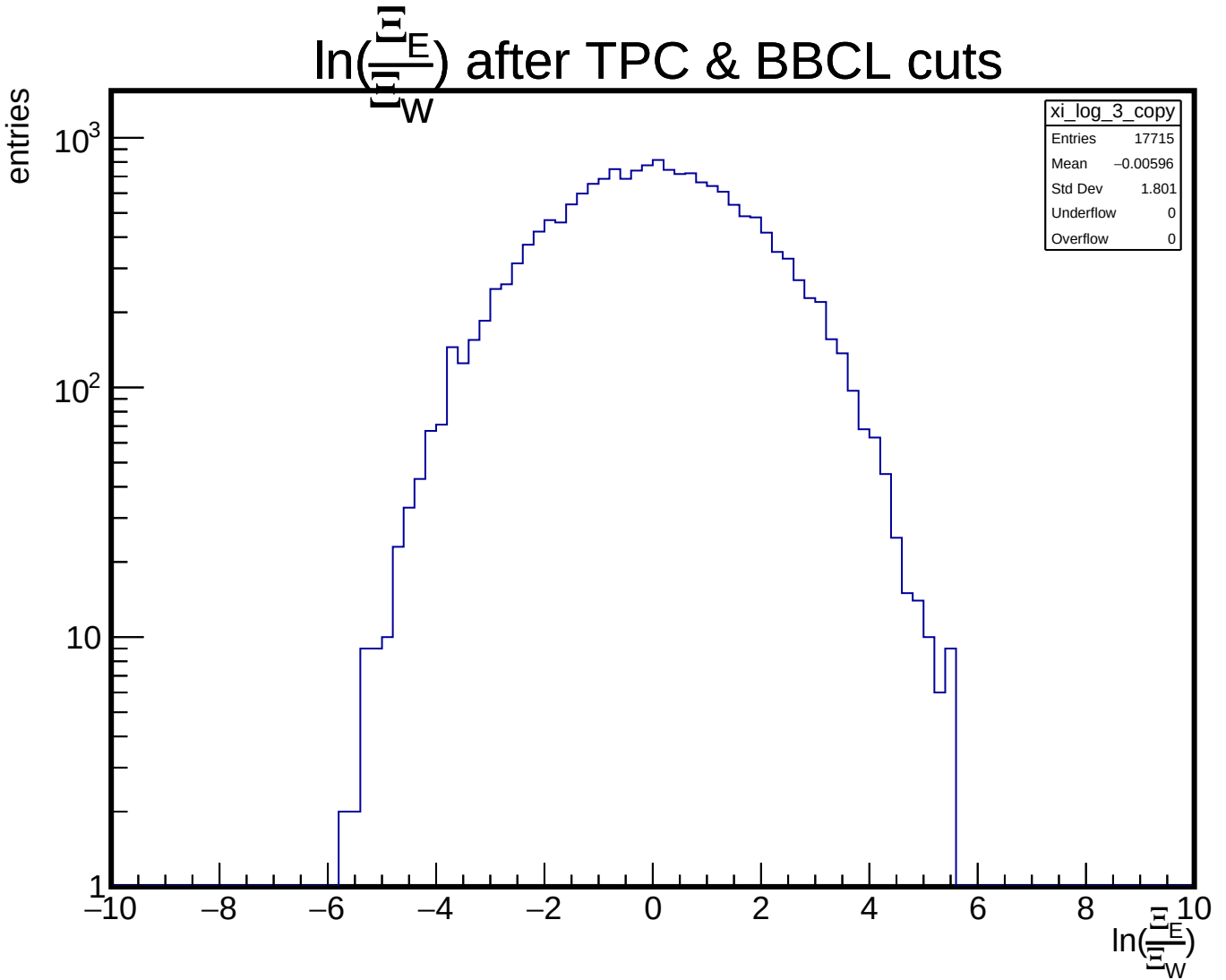

Ξ_E*Ξ_W before cuts
entries
10^5
10^4
10^3
10^2
10
1
0
0.05
0.1
0.15
0.2
0.25
0.3
Xi_E*Xi_W
xi_multiplied_1_copy
Entries 100000
Mean 0.002232
Std Dev 0.008075
Underflow 0
Overflow 0

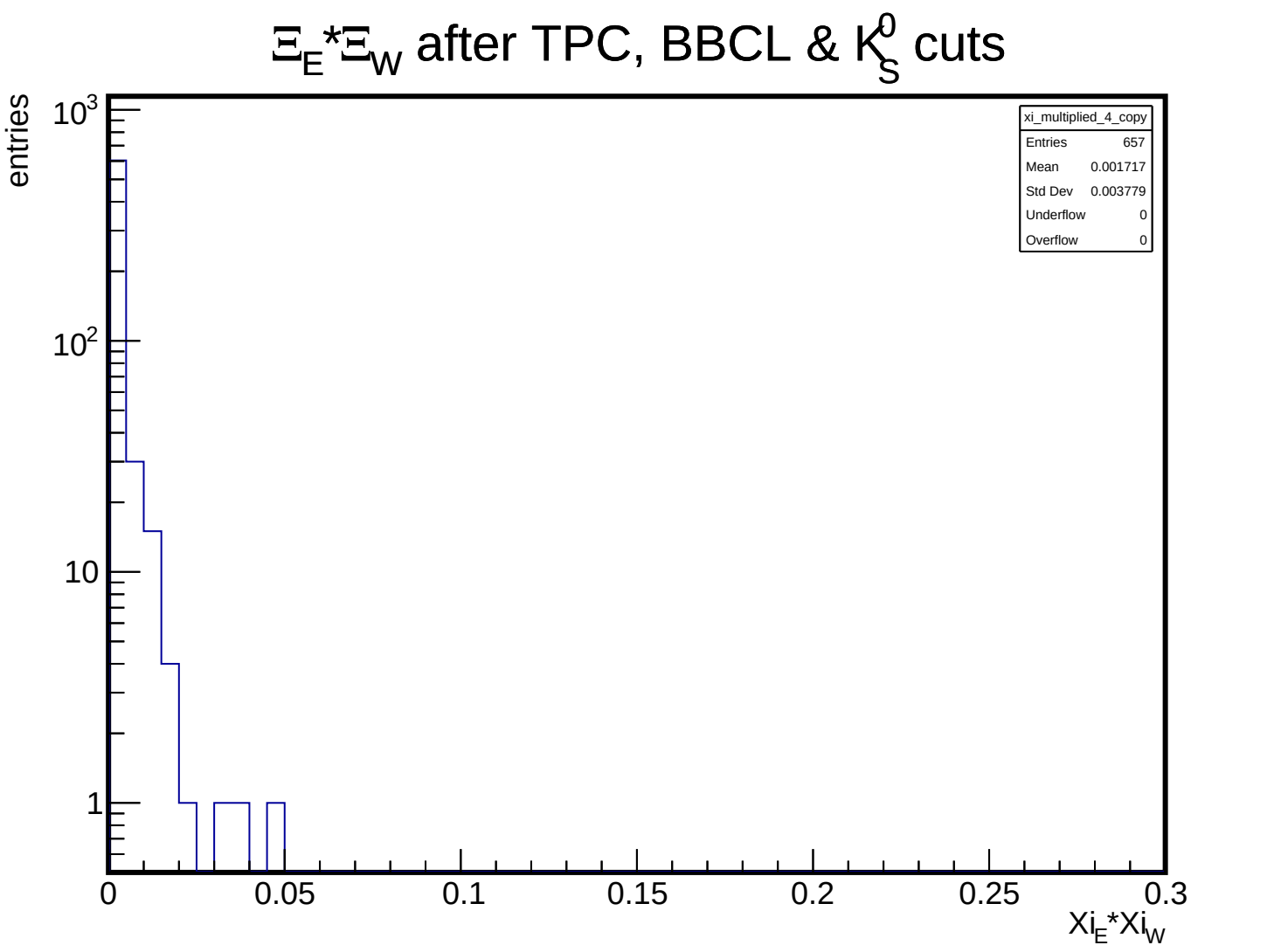

ln(Ξ_E/Ξ_W) before cuts
entries
xi_log_1_copy
Entries 100000
Mean 0.007996
Std Dev 3.859
Underflow 47
Overflow 49
10^3
10^2
−10
−8
−6
−4
−2
0
2
4
6
8
10
ln(Ξ_E/Ξ_W)

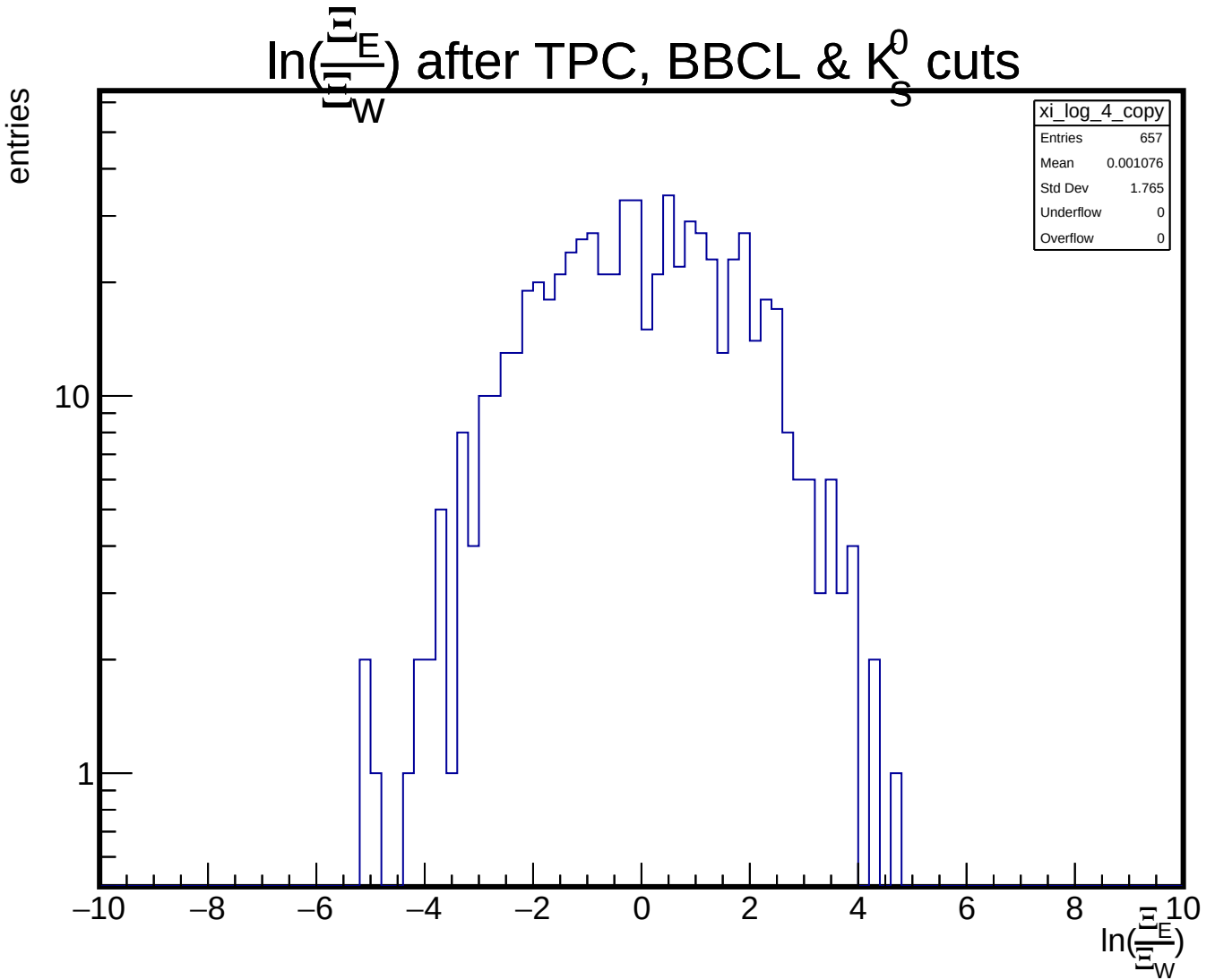

Ξ_E*Ξ_W after TPC cut
entries
10^4
10^3
10^2
10
1
0
0.05
0.1
0.15
0.2
0.25
0.3
Xi_E*Xi_W
xi_multiplied_2_copy
Entries 32881
Mean 0.005281
Std Dev 0.01206
Underflow 0
Overflow 0

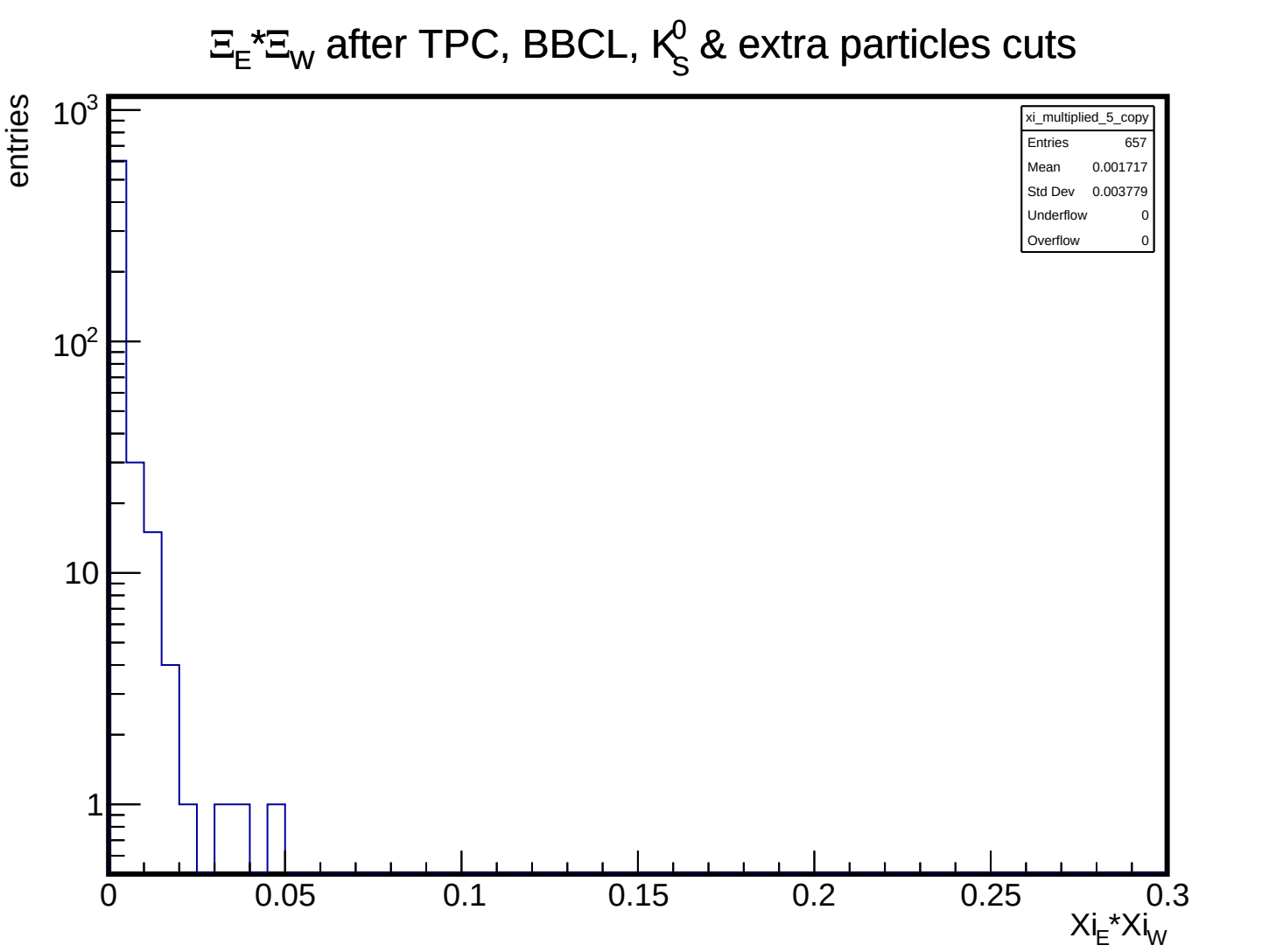

ln(Ξ_E/Ξ_W) after TPC cut
entries
xi_log_2_copy
Entries 32881
Mean −0.01059
Std Dev 1.896
Underflow 0
Overflow 0
10^3
10^2
10
−10 −8 −6 −4 −2 0 2 4 6 8 10
ln(Ξ_E/Ξ_W)

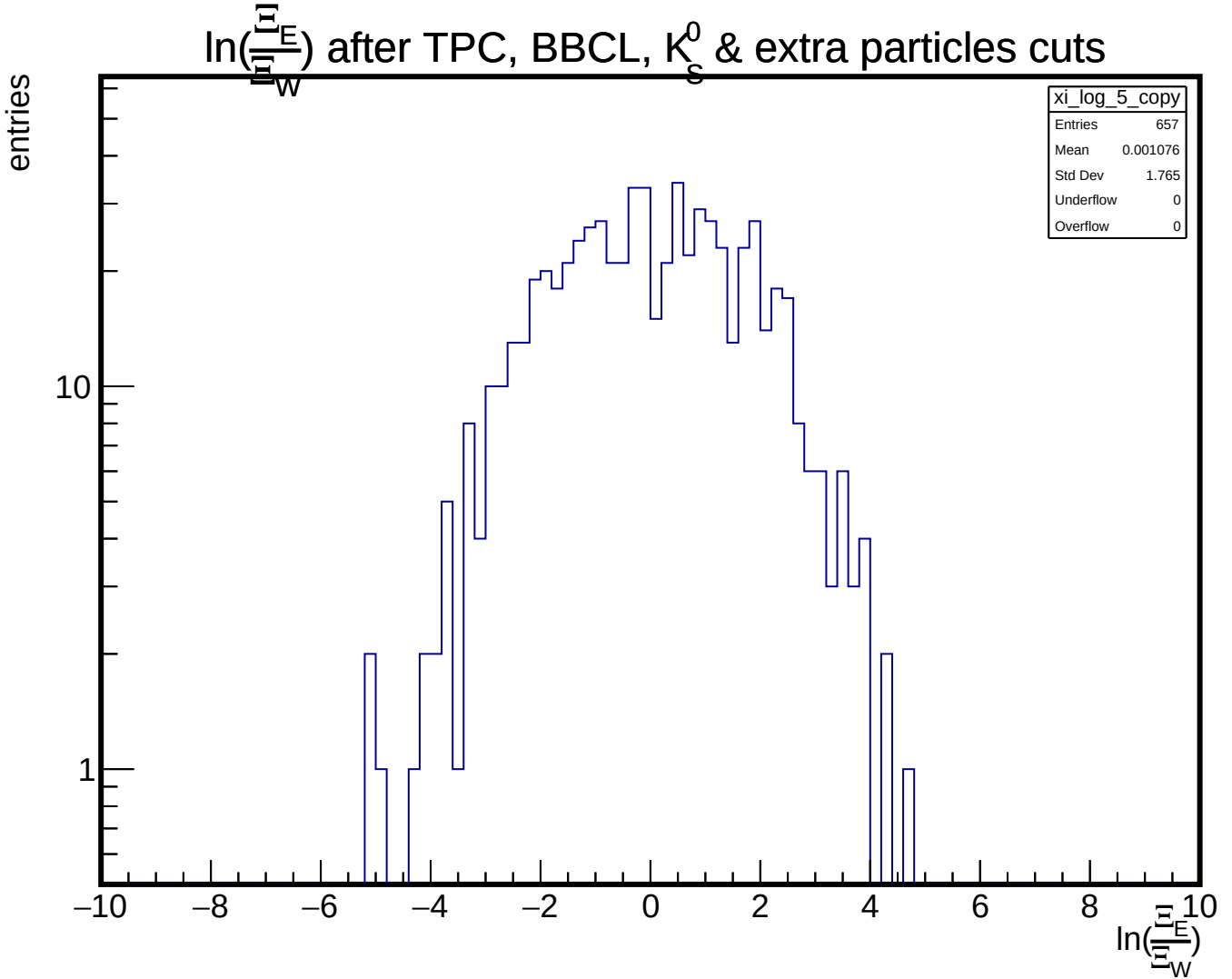

$\Xi_E^*\Xi_W$ after TPC & BBCL cuts
entries
10^4
10^3
10^2
10
1
0
0.05
0.1
0.15
0.2
0.25
0.3
$Xi_E^*Xi_W$
xi_multiplied_3_copy
Entries 17715
Mean 0.001997
Std Dev 0.005977
Underflow 0
Overflow 0

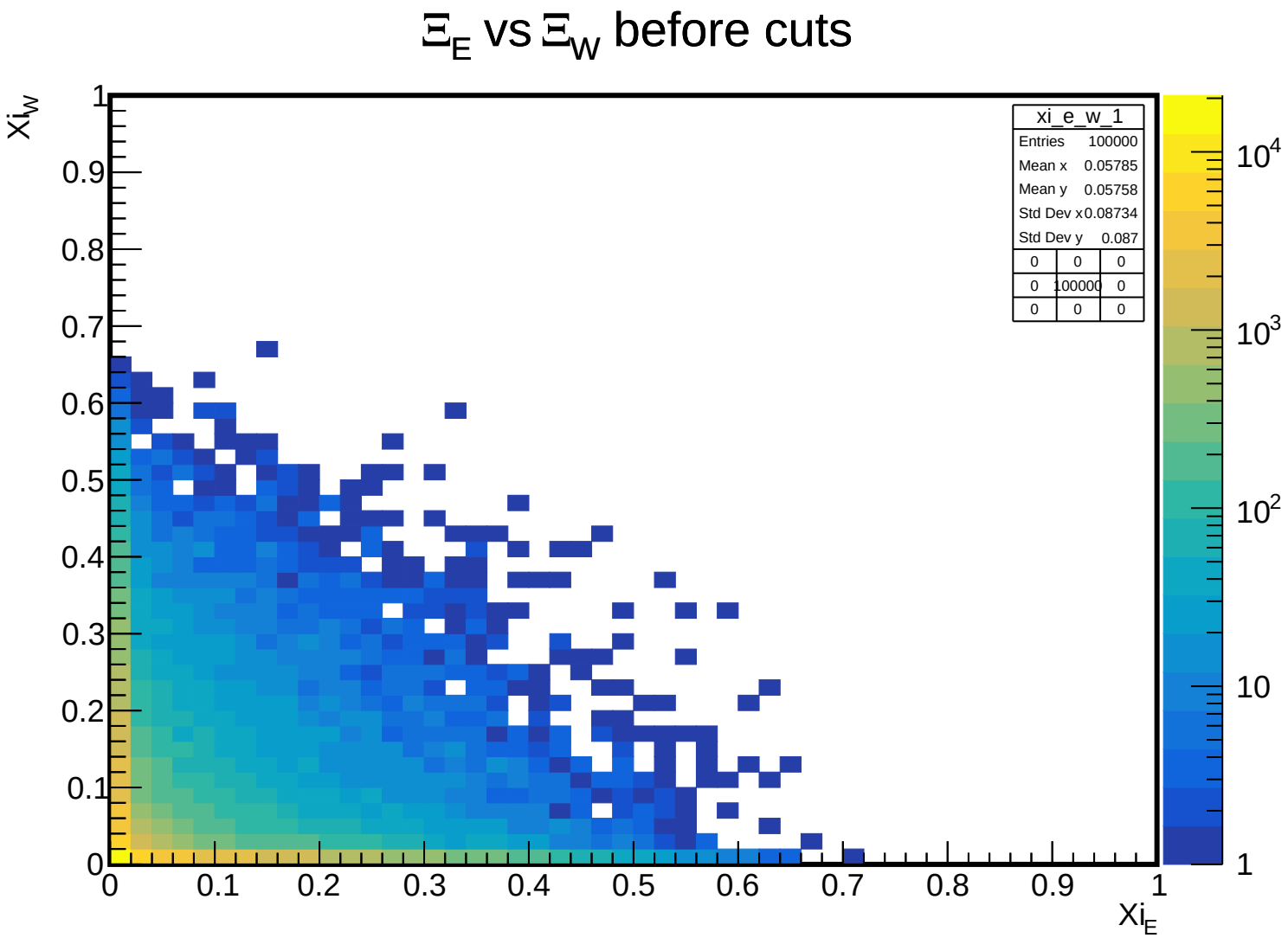

ln(ξ_E/ξ_W) after TPC & BBCL cuts
entries
xi_log_3_copy
Entries 17715
Mean −0.00596
Std Dev 1.801
Underflow 0
Overflow 0
10^3
10^2
10
1
−10
−8
−6
−4
−2
0
2
4
6
8
10
ln(ξ_E/ξ_W)

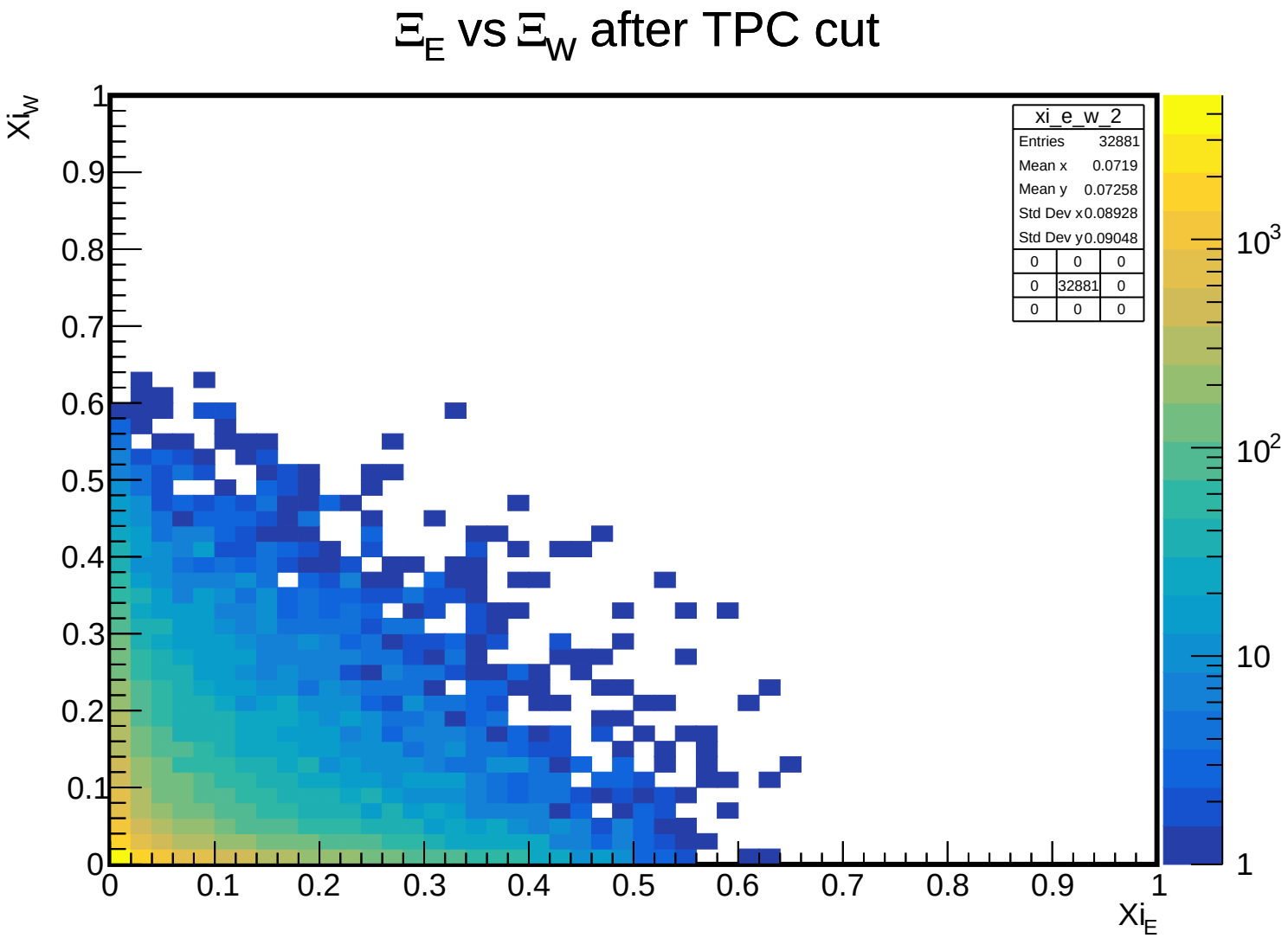

$\Xi_E^*\Xi_W$ after TPC, BBCL & K^0_S cuts
entries
10^3
10^2
10
1
0
0.05
0.1
0.15
0.2
0.25
0.3
$Xi_E^*Xi_W$
xi_multiplied_4_copy
Entries 657
Mean 0.001717
Std Dev 0.003779
Underflow 0
Overflow 0

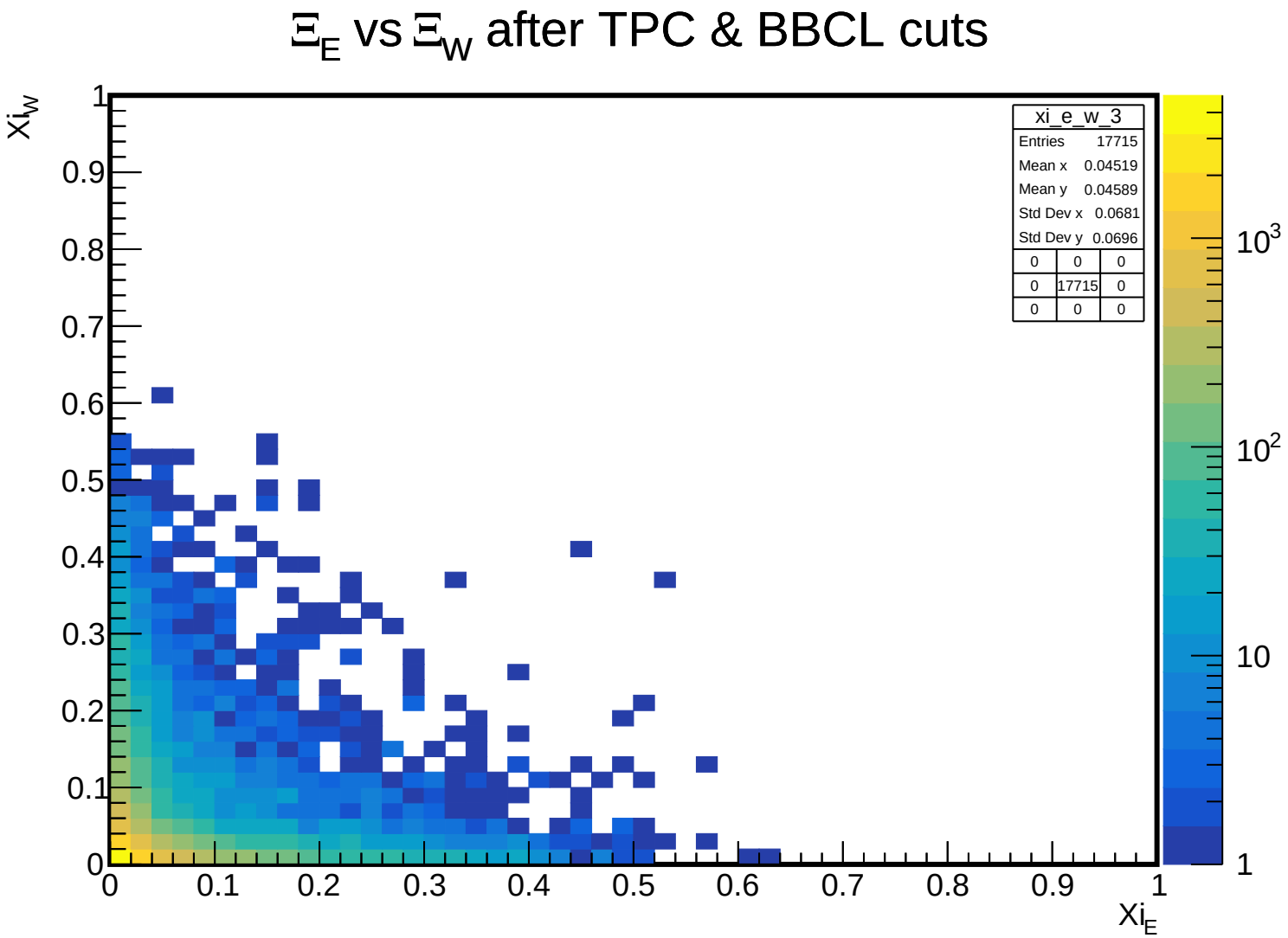

ln(Ξ_E/Ξ_W) after TPC, BBCL & K⁰_S cuts
entries
xi_log_4_copy
Entries 657
Mean 0.001076
Std Dev 1.765
Underflow 0
Overflow 0
10
1
−10 −8 −6 −4 −2 0 2 4 6 8 10
ln(Ξ_E/Ξ_W)

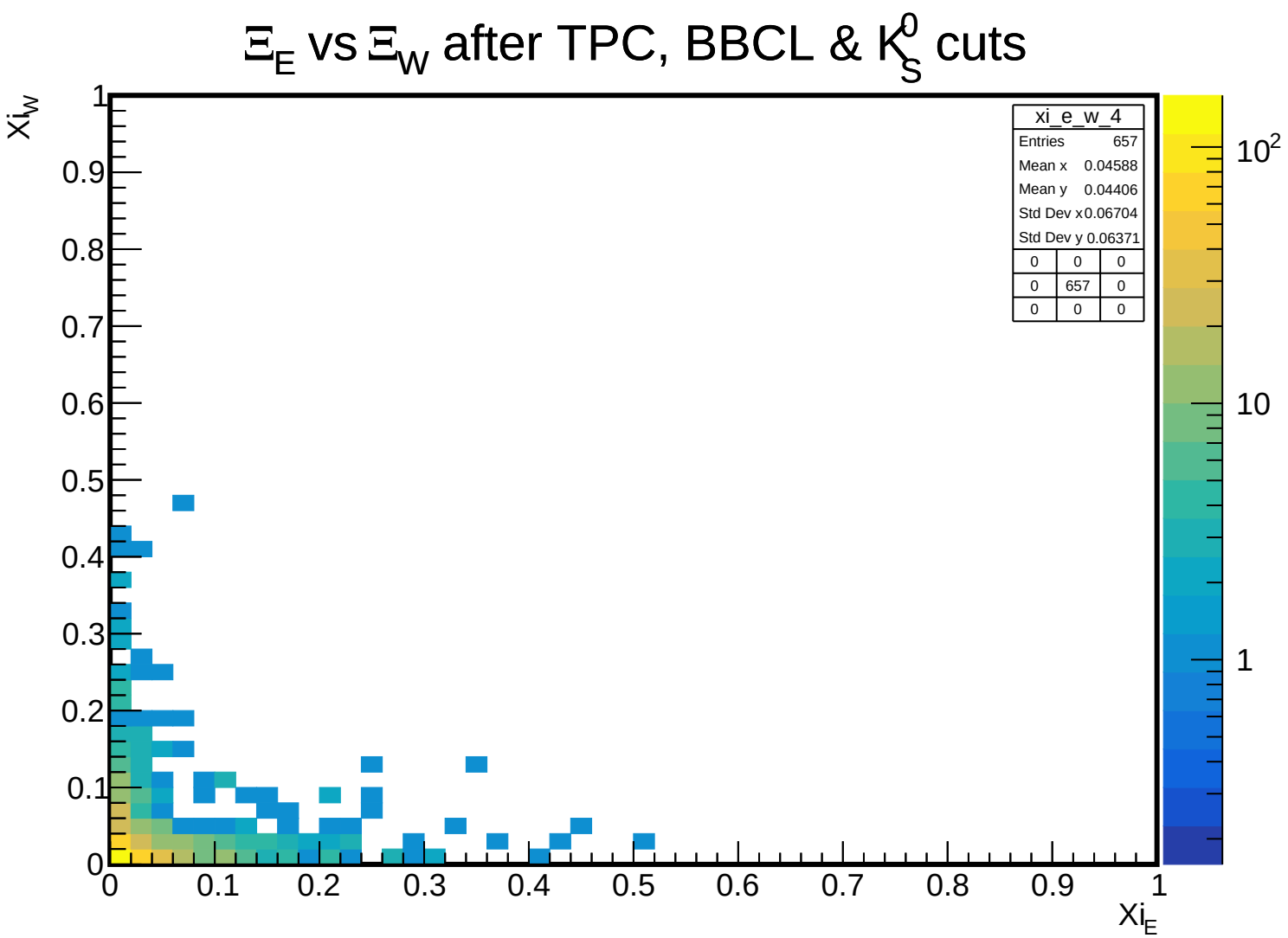

$\Xi_E^*\Xi_W$ after TPC, BBCL, K^0_S & extra particles cuts
entries
10^3
10^2
10
1
0
0.05
0.1
0.15
0.2
0.25
0.3
$Xi_E^*Xi_W$
xi_multiplied_5_copy
Entries 657
Mean 0.001717
Std Dev 0.003779
Underflow 0
Overflow 0

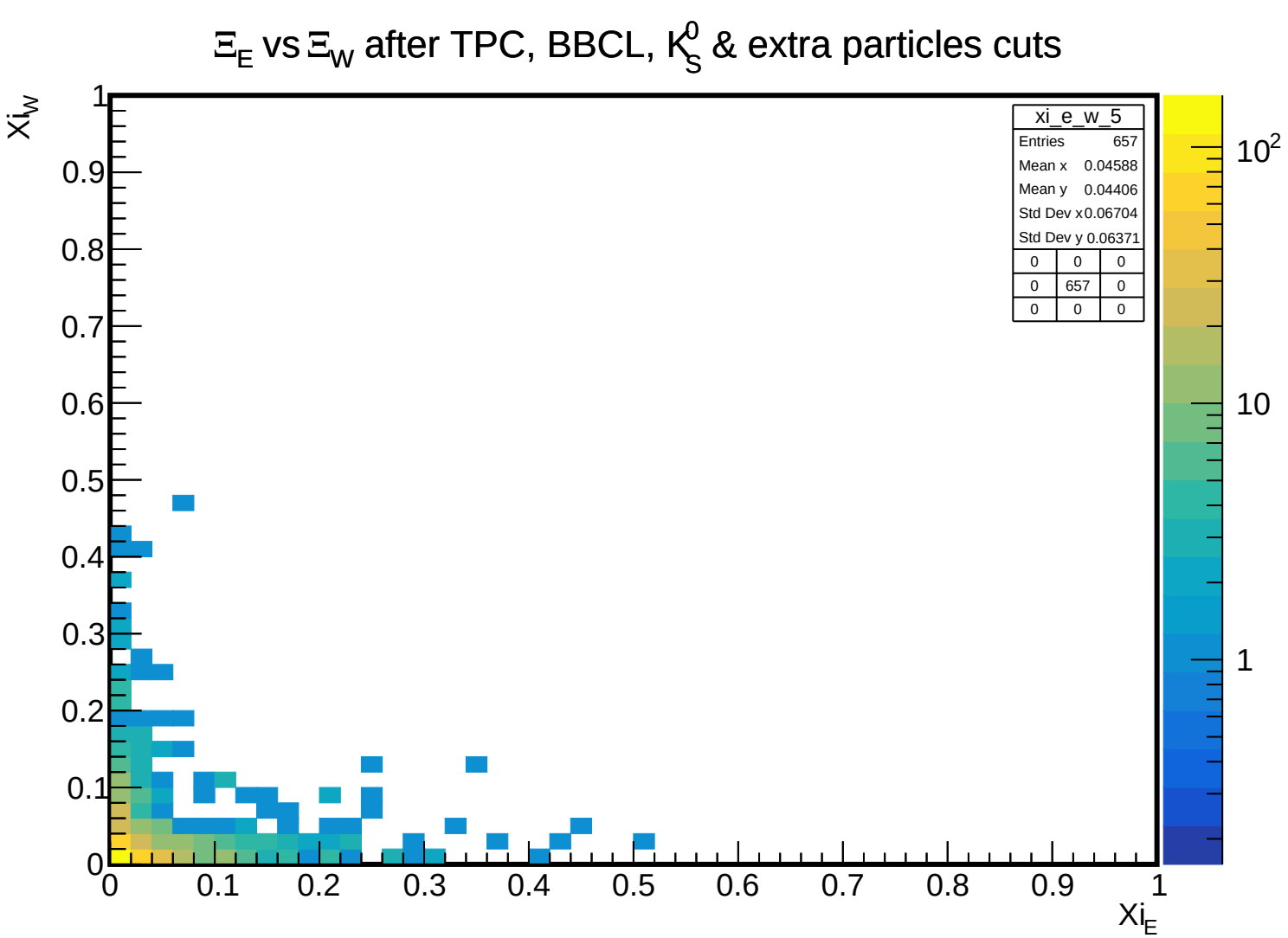

ln(Ξ_E/Ξ_W) after TPC, BBCL, K^0_s & extra particles cuts
entries
xi_log_5_copy
Entries 657
Mean 0.001076
Std Dev 1.765
Underflow 0
Overflow 0
10
1
−10 −8 −6 −4 −2 0 2 4 6 8 10
ln(Ξ_E/Ξ_W)


Ξ_E vs Ξ_W before cuts
xi_e_w_1
Entries 100000
Mean x 0.05785
Mean y 0.05758
Std Dev x 0.08734
Std Dev y 0.087
0 0 0
0 100000 0
0 0 0
Xi_W
Xi_E
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
1 10 10^2 10^3 10^4


Ξ_E vs Ξ_W after TPC cut
Xi_W
Xi_E
xi_e_w_2
Entries 32881
Mean x 0.0719
Mean y 0.07258
Std Dev x 0.08928
Std Dev y 0.09048
0 0 0
0 32881 0
0 0 0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
1 10 10^2 10^3


Ξ_E vs Ξ_W after TPC & BBCL cuts
xi_e_w_3
Entries 17715
Mean x 0.04519
Mean y 0.04589
Std Dev x 0.0681
Std Dev y 0.0696
0 0 0
0 17715 0
0 0 0
Xi_W
Xi_E
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
1 10 10^2 10^3


Ξ_E vs Ξ_W after TPC, BBCL & K^0_S cuts
xi_e_w_4
Entries 657
Mean x 0.04588
Mean y 0.04406
Std Dev x 0.06704
Std Dev y 0.06371
0 0 0
0 657 0
0 0 0
Xi_W
Xi_E
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
1 10 10^2


Ξ_E vs Ξ_W after TPC, BBCL, K^0_S & extra particles cuts
xi_e_w_5
Entries 657
Mean x 0.04588
Mean y 0.04406
Std Dev x 0.06704
Std Dev y 0.06371
0 0 0
0 657 0
0 0 0
Xi_W
Xi_E
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
1 10 10^2