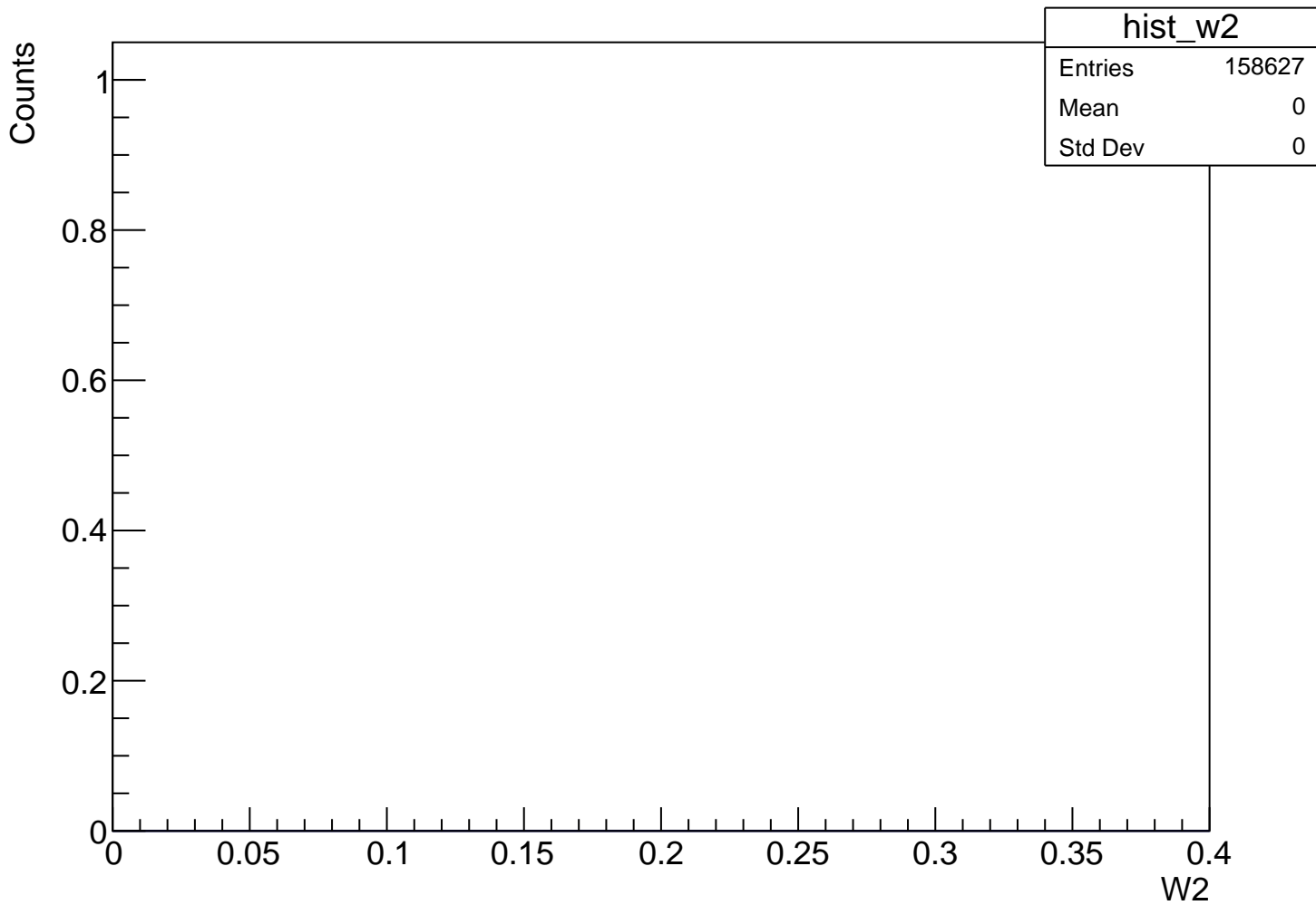
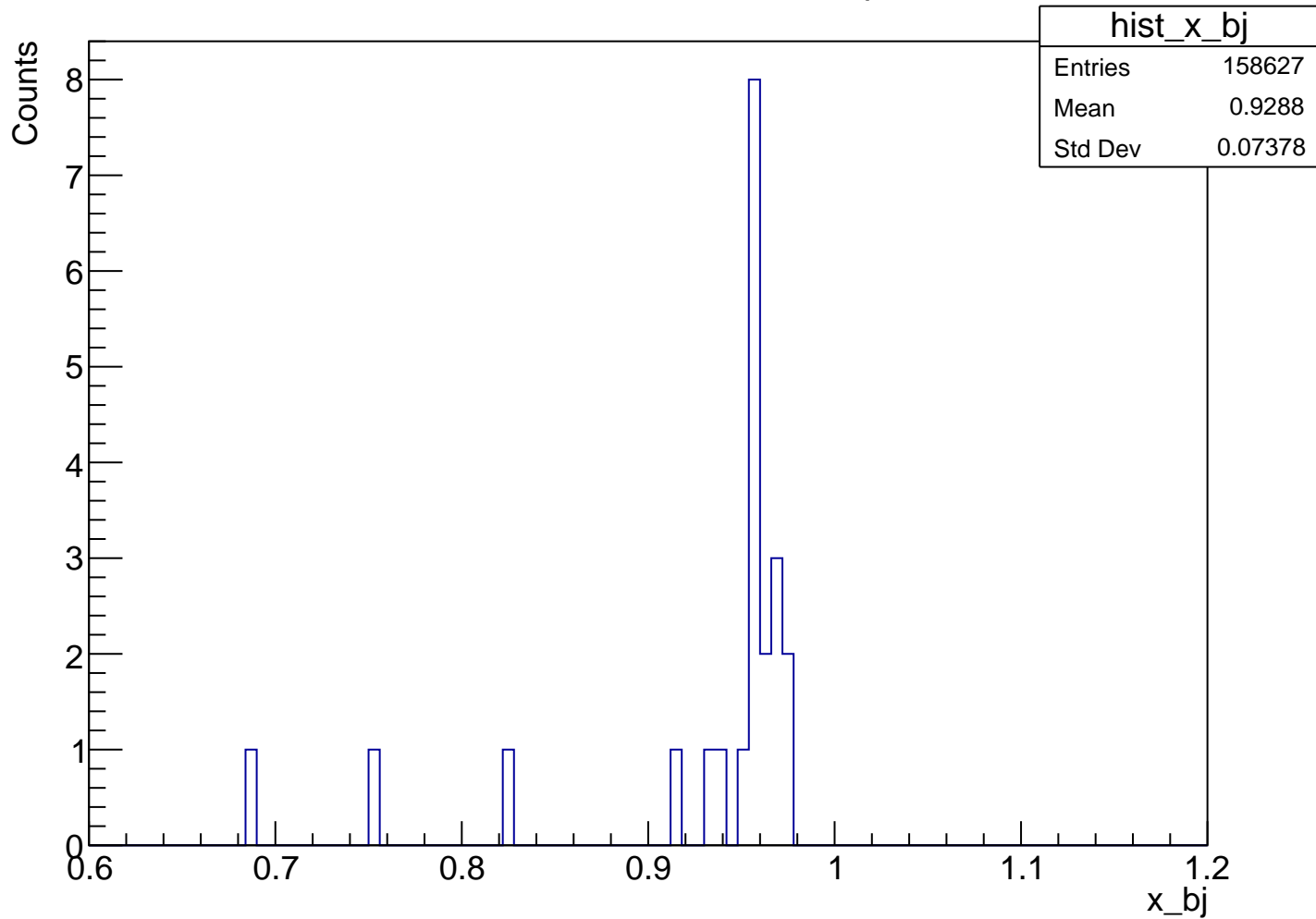


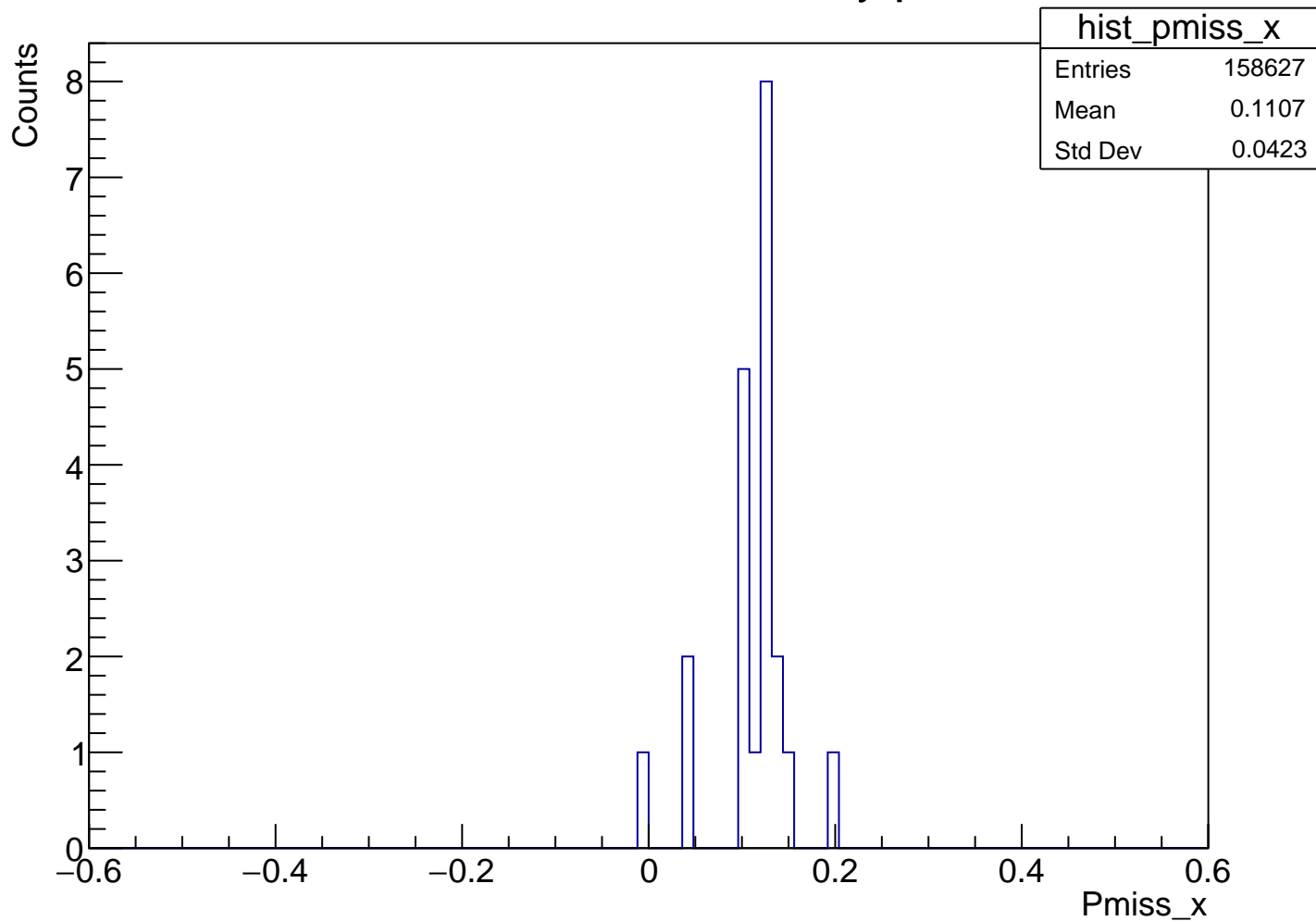
Run 2900: H.kin.W2



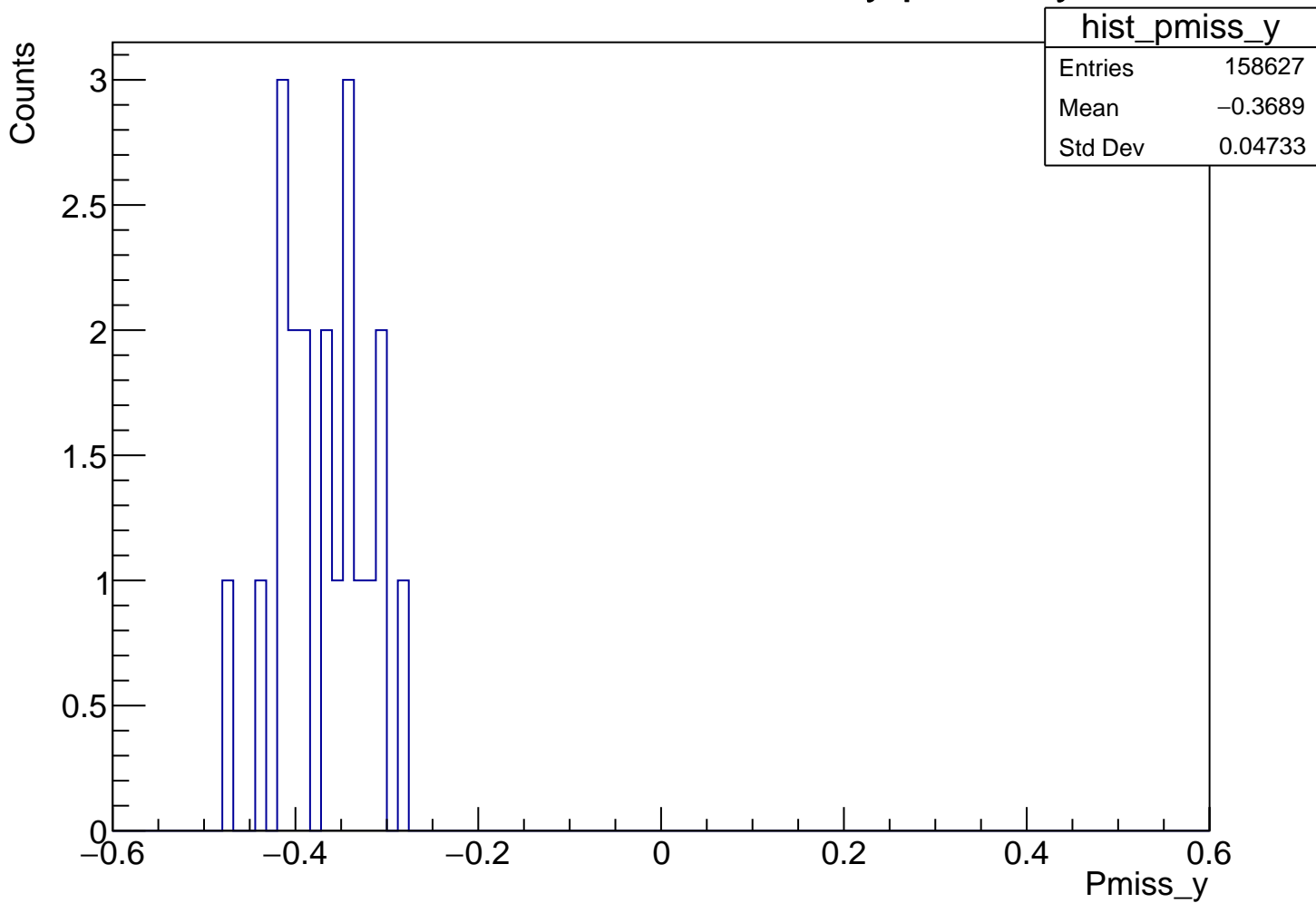
Run 2900: H.kin.x_bj



Run 2900: NPS.kin.secondary.pmiss_x



Run 2900: NPS.kin.secondary.pmiss_y



Run 2900: NPS.kin.secondary.pmiss_z

Counts

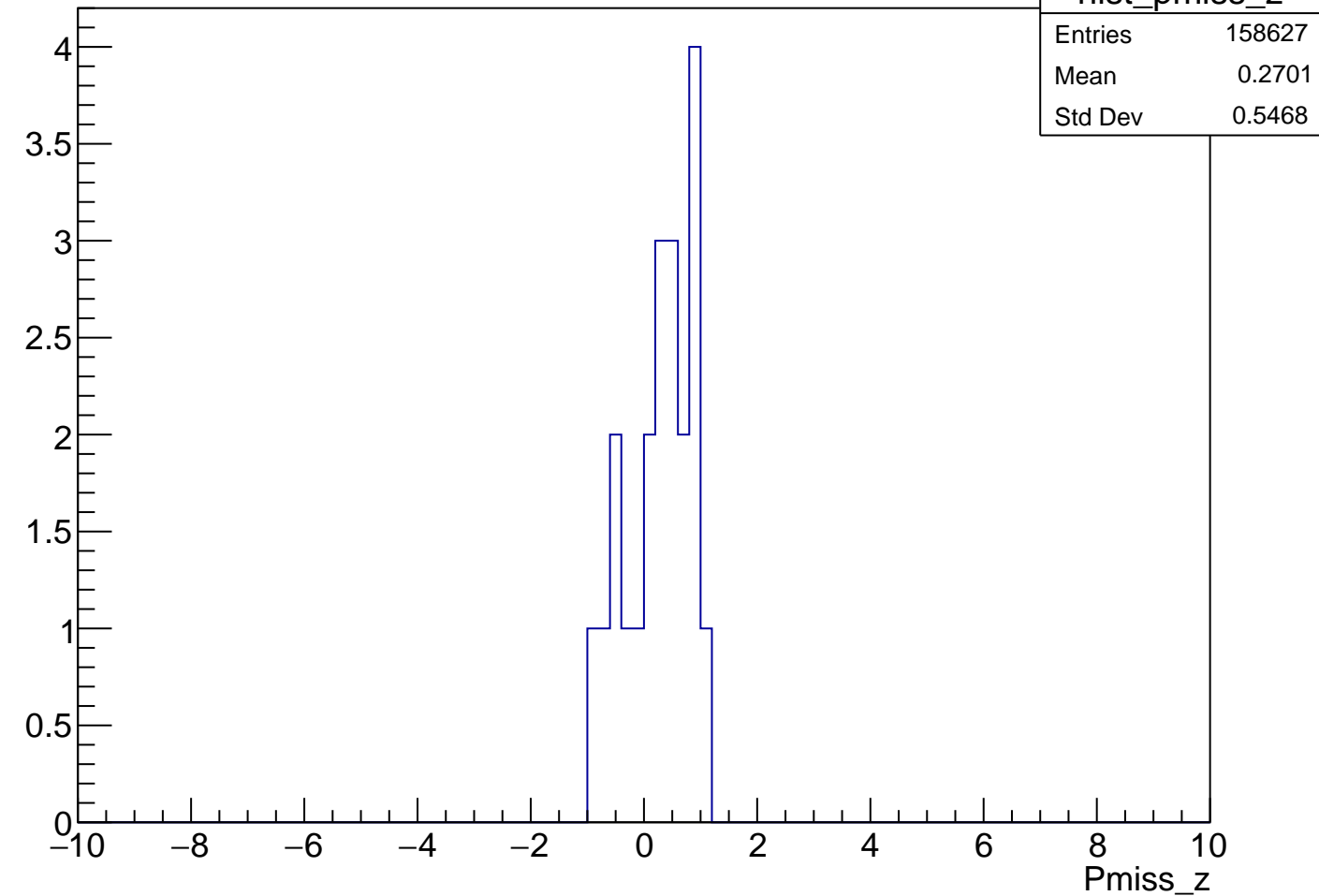
4
3.5
3
2.5
2
1.5
1
0.5
0

-10 -8 -6 -4 -2 0 2 4 6 8 10

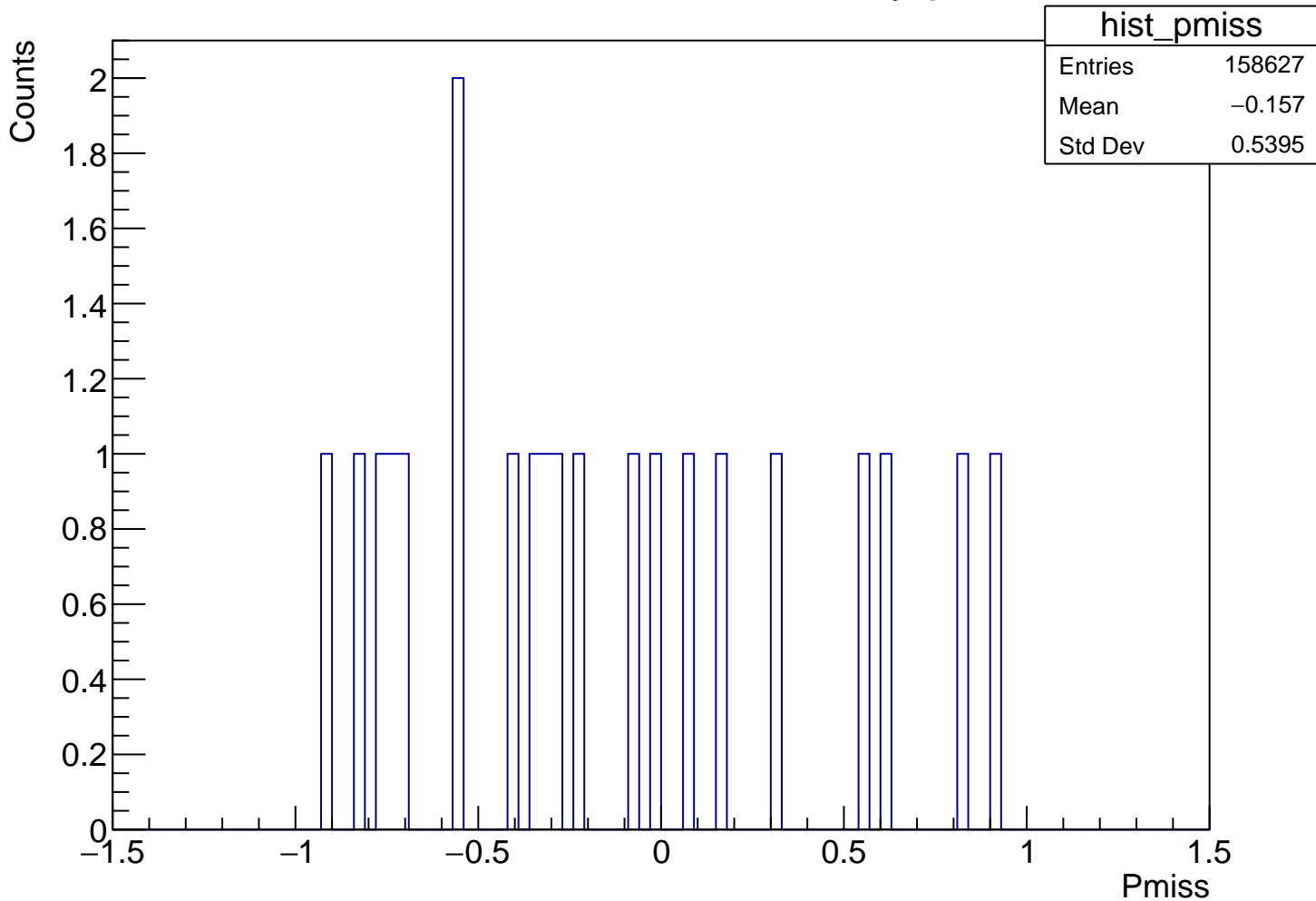
hist_pmiss_z

Entries	158627
Mean	0.2701
Std Dev	0.5468

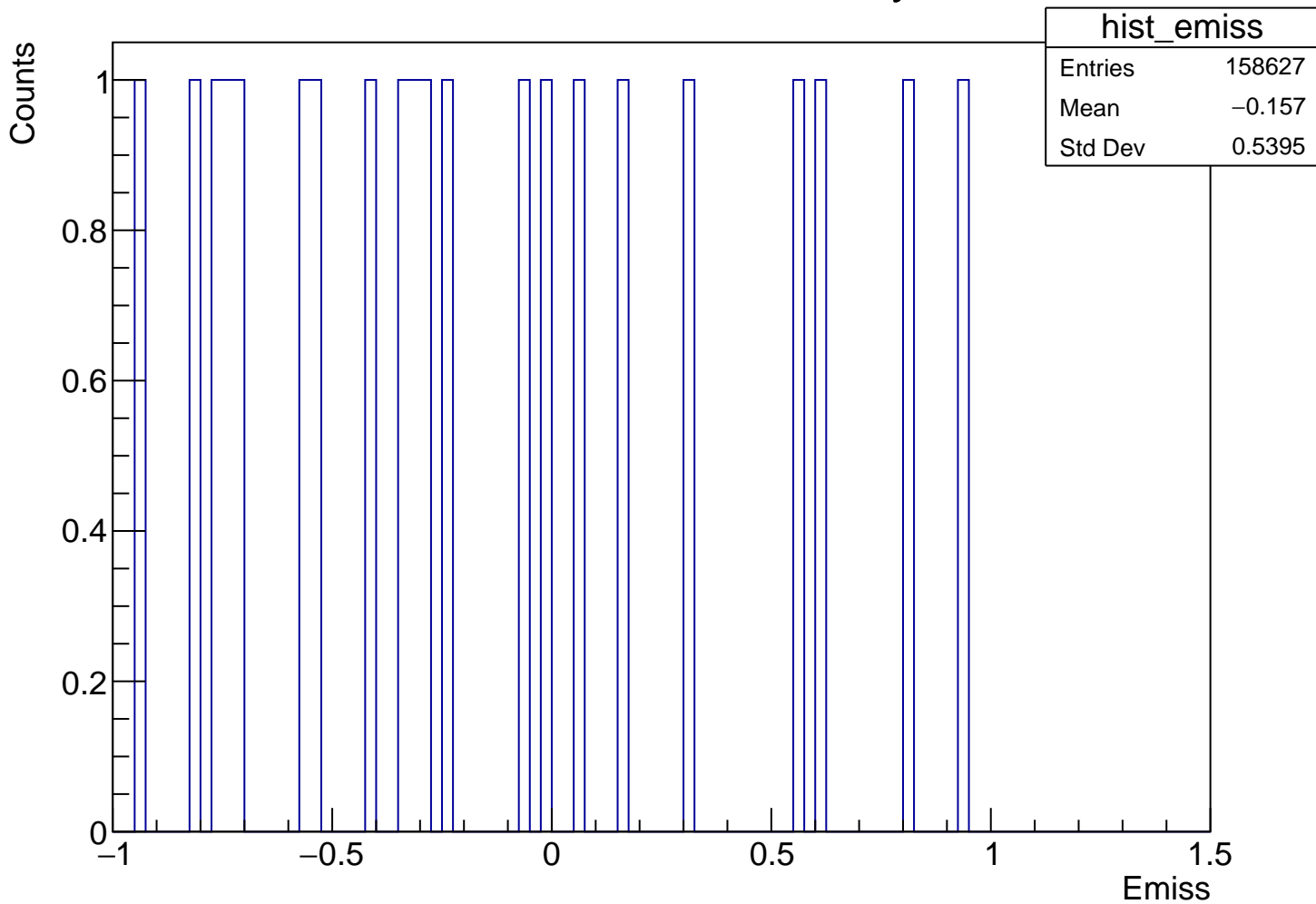
Pmiss_z



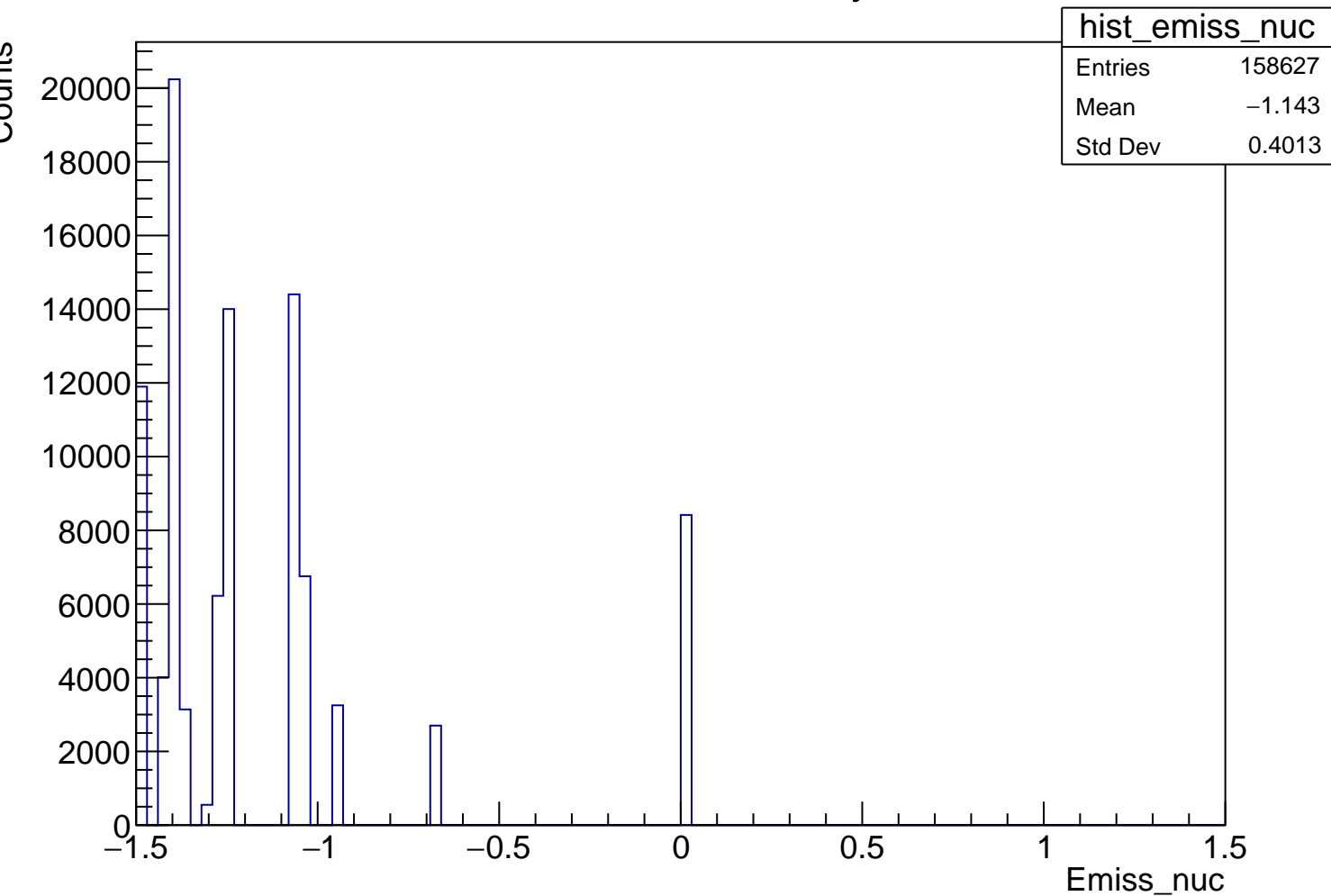
Run 2900: NPS.kin.secondary.pmiss



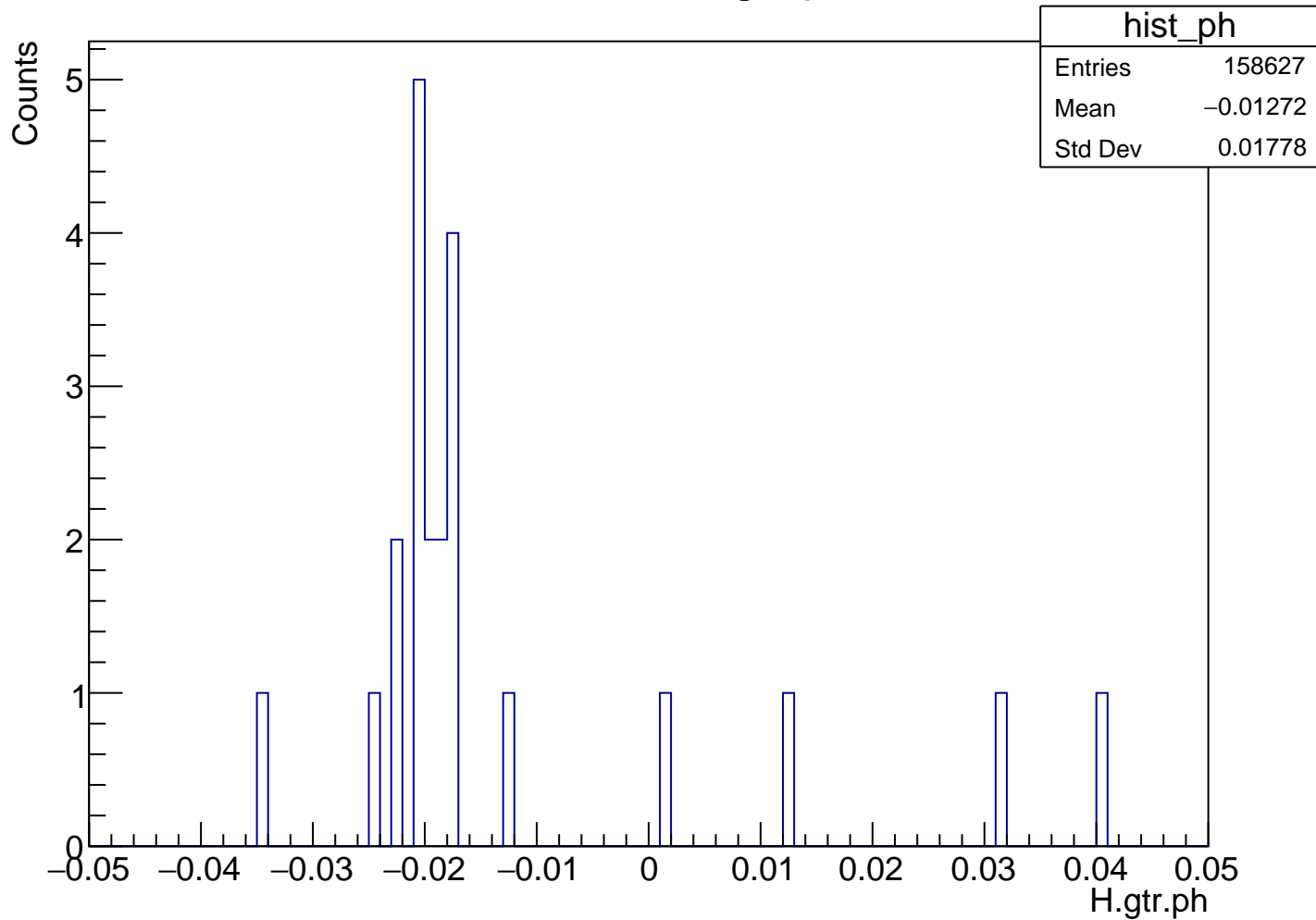
Run 2900: NPS.kin.secondary.emiss



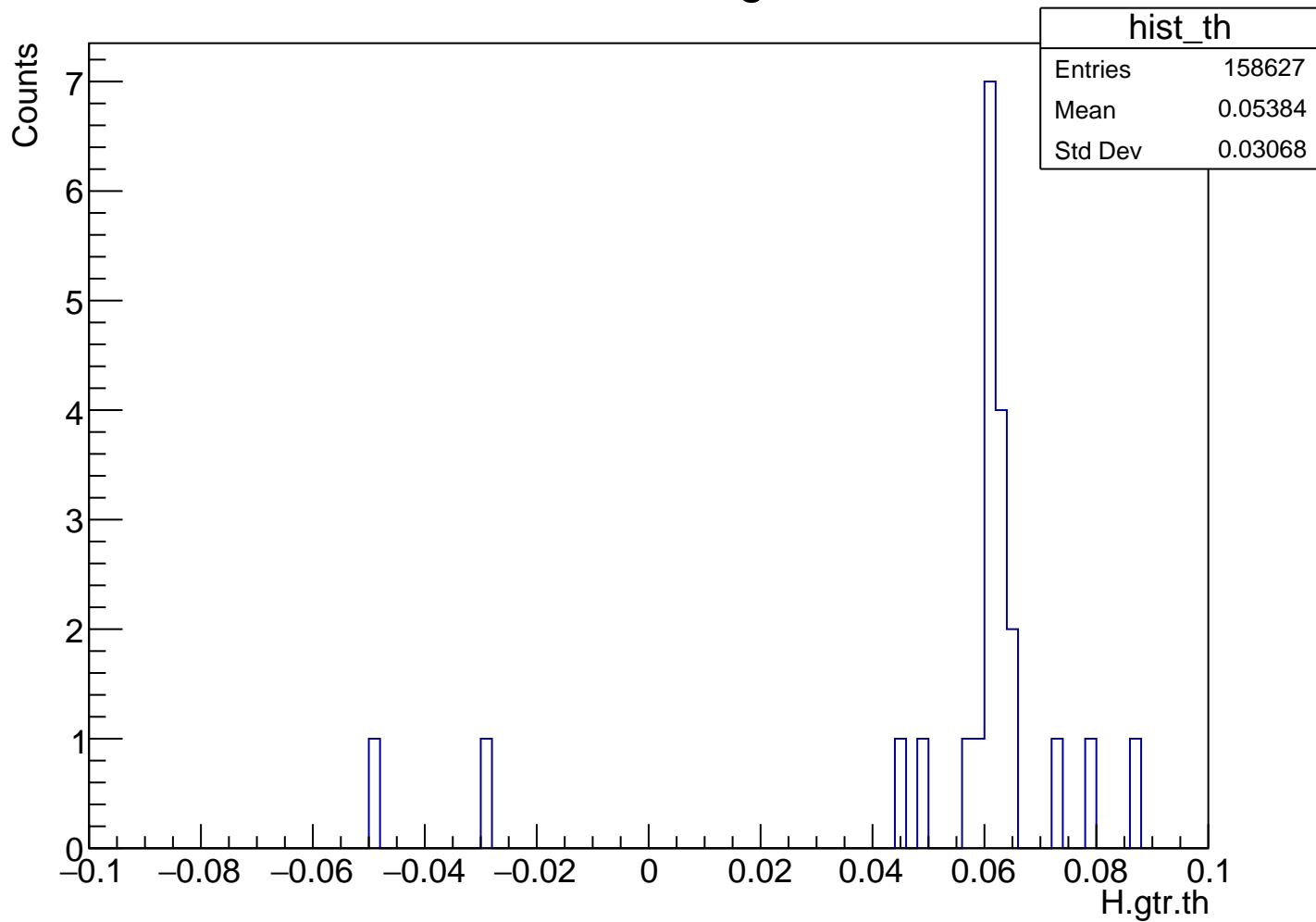
Run 2900: NPS.kin.secondary.emiss_nuc



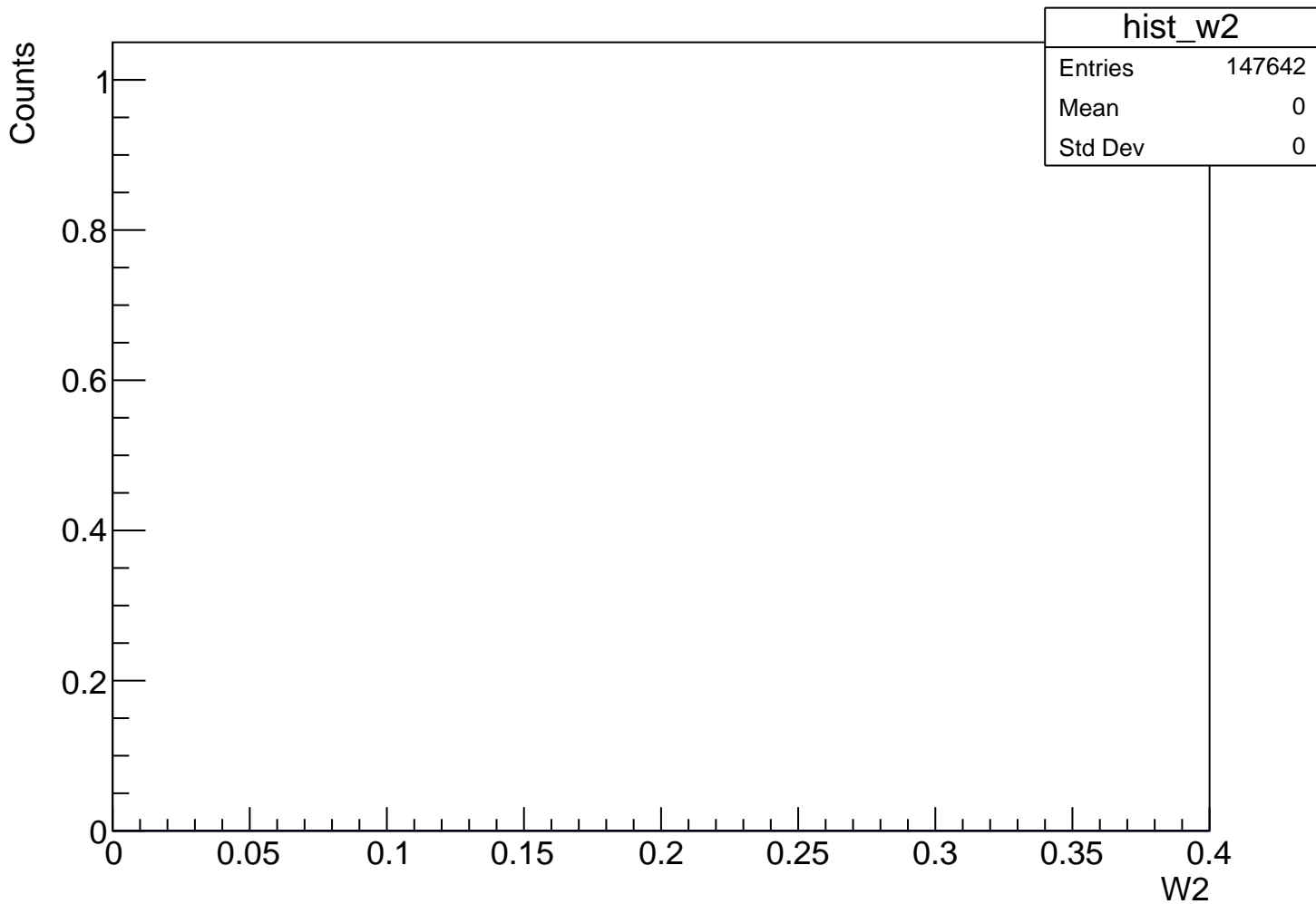
Run 2900: H.gtr.ph



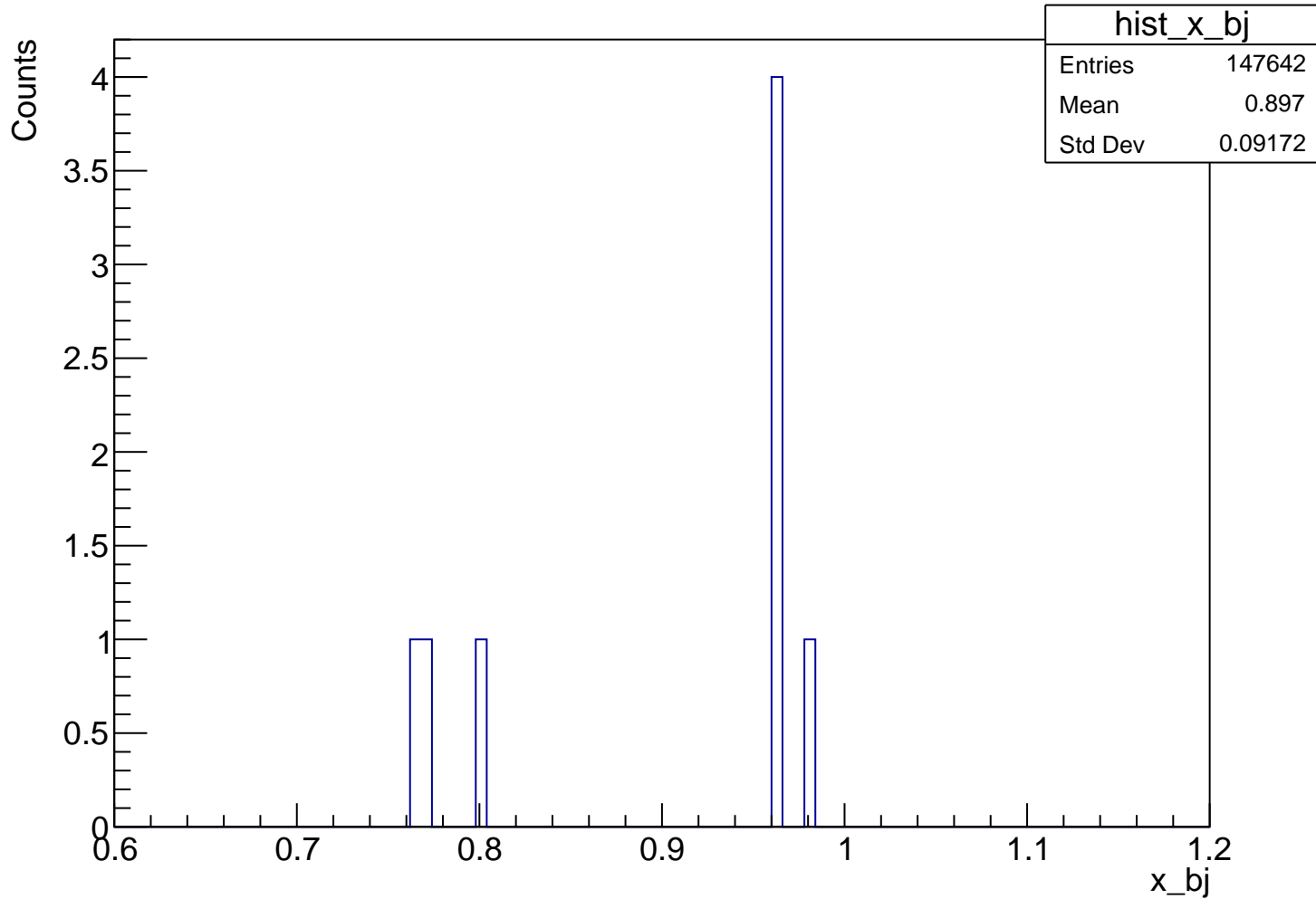
Run 2900: H.gtr.th



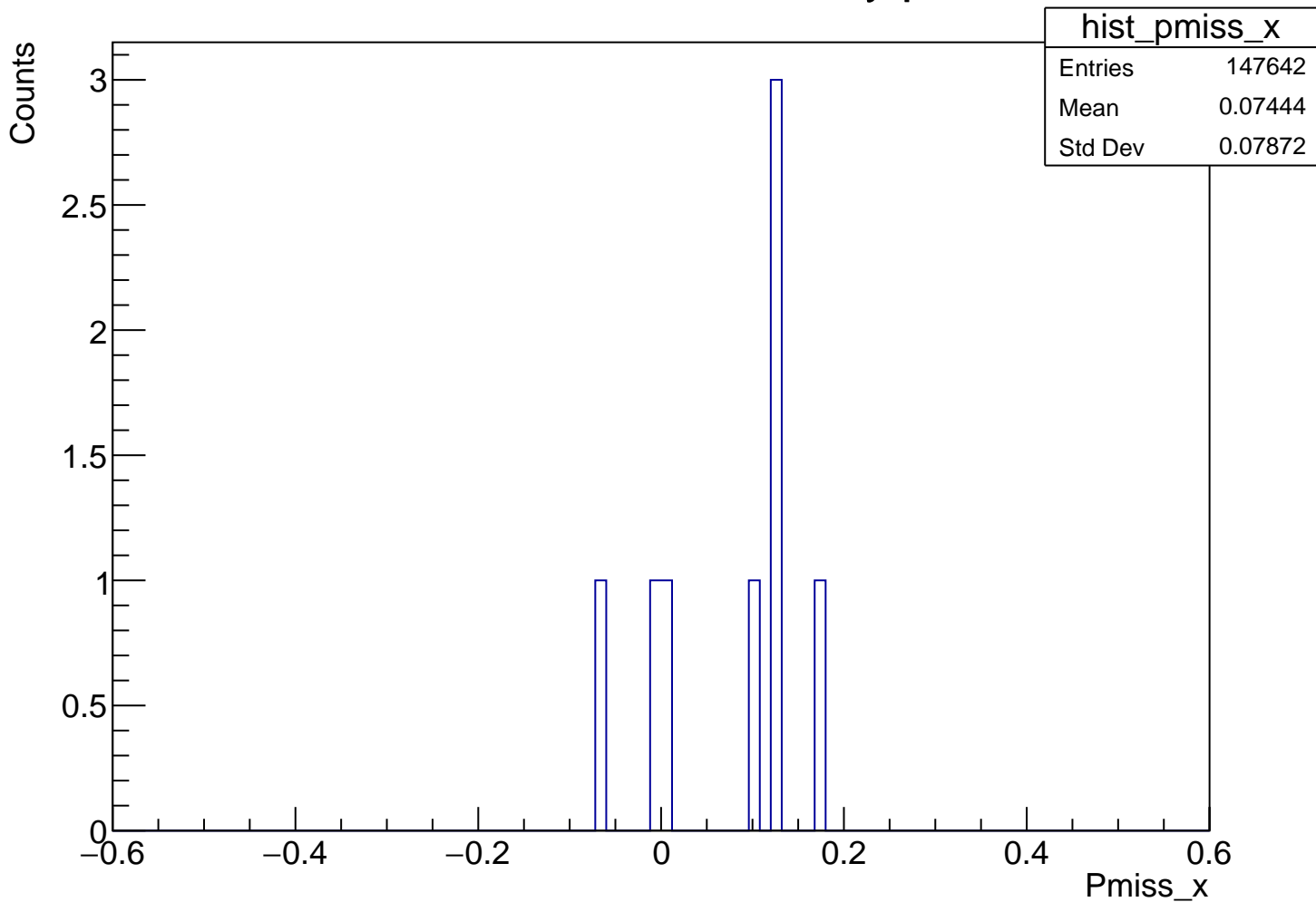
Run 2901: H.kin.W2



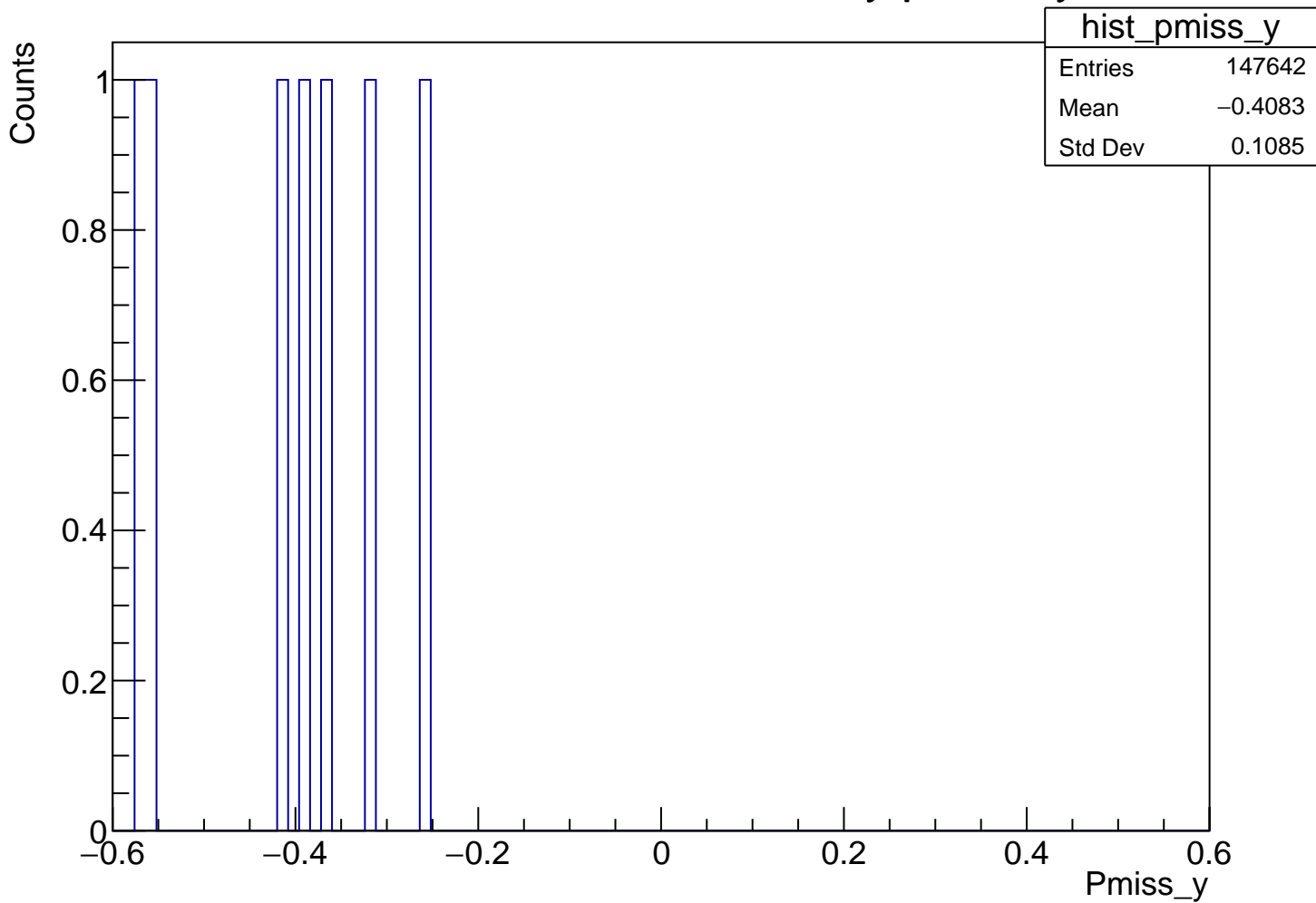
Run 2901: H.kin.x_bj



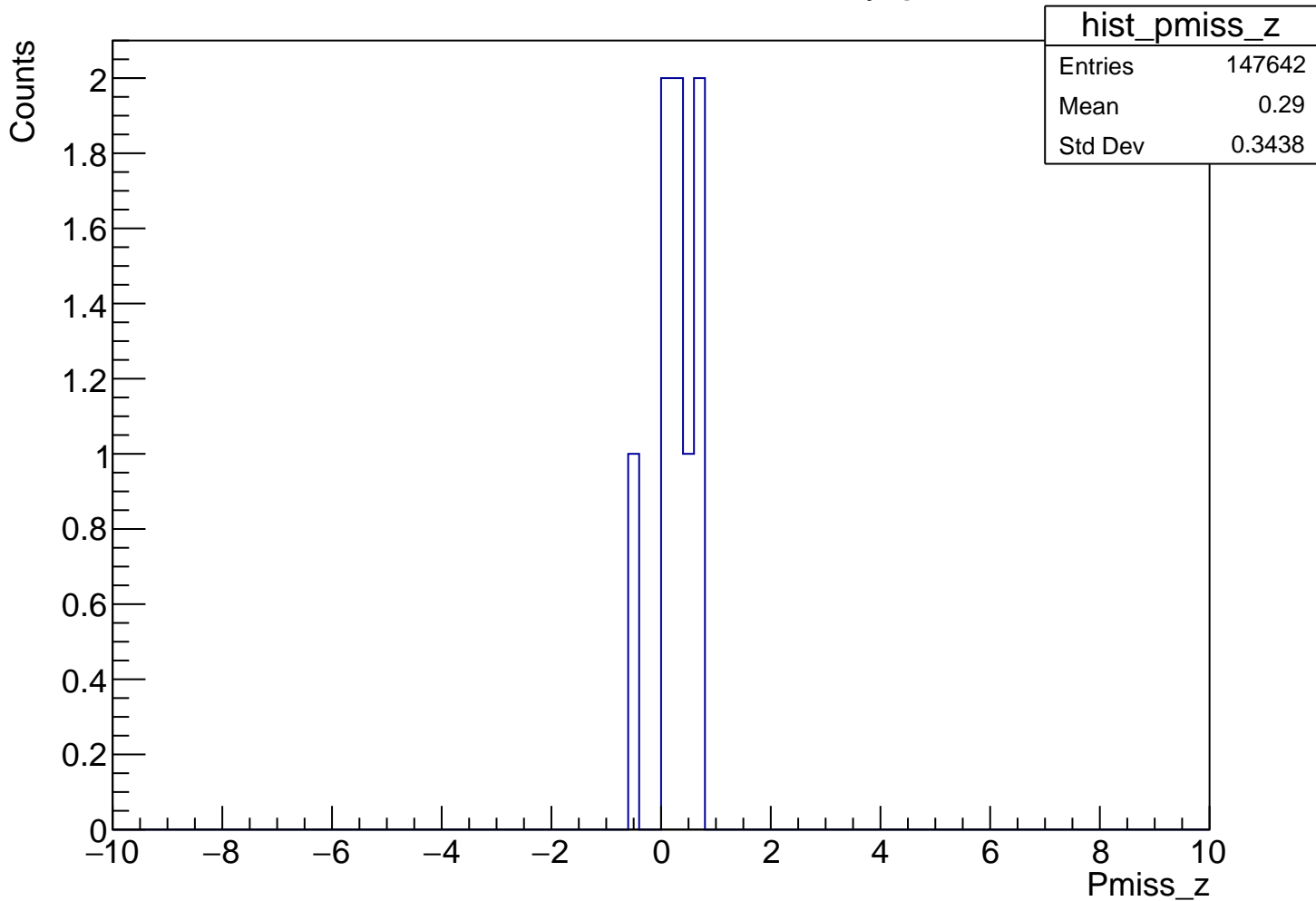
Run 2901: NPS.kin.secondary.pmiss_x



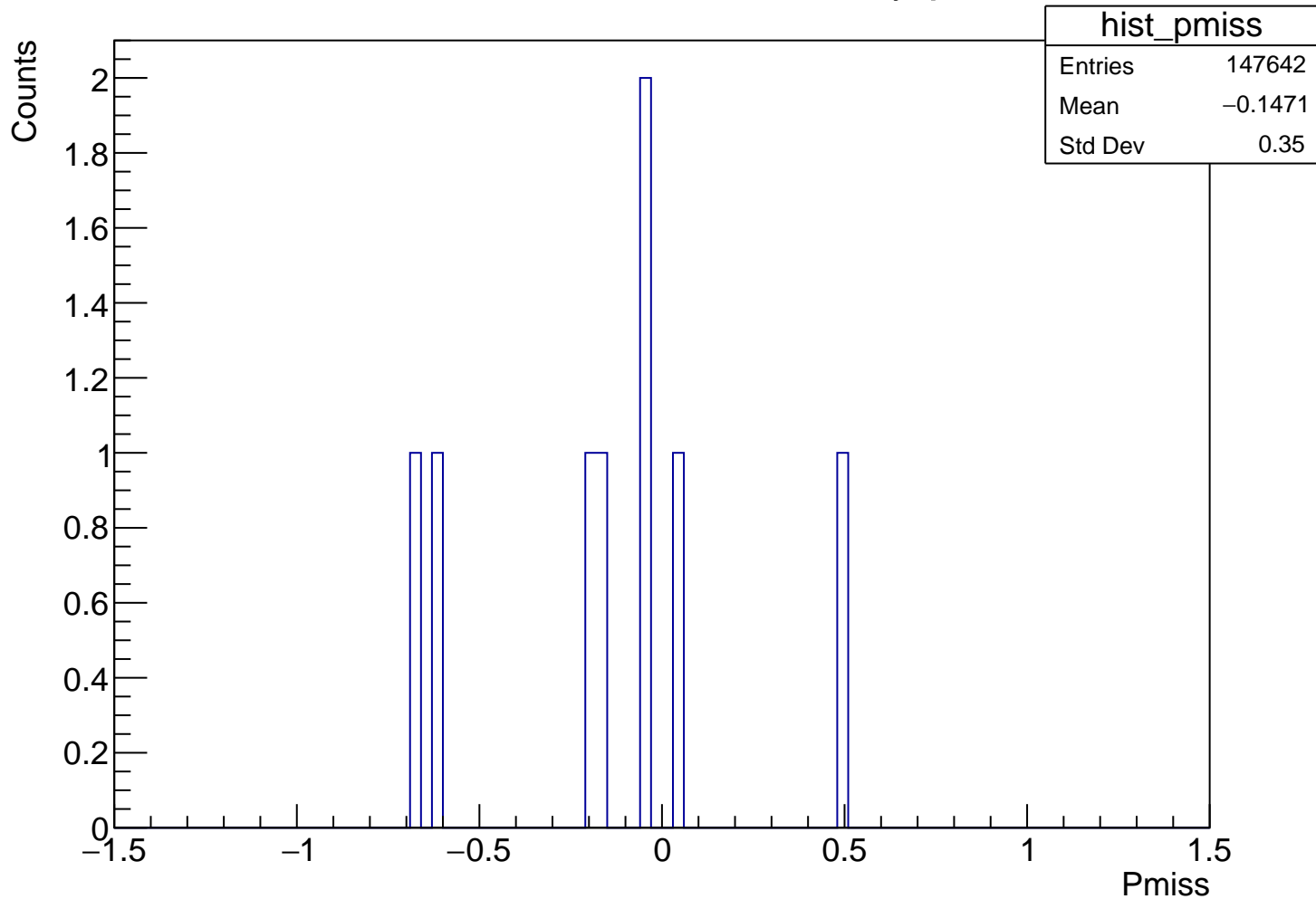
Run 2901: NPS.kin.secondary.pmiss_y



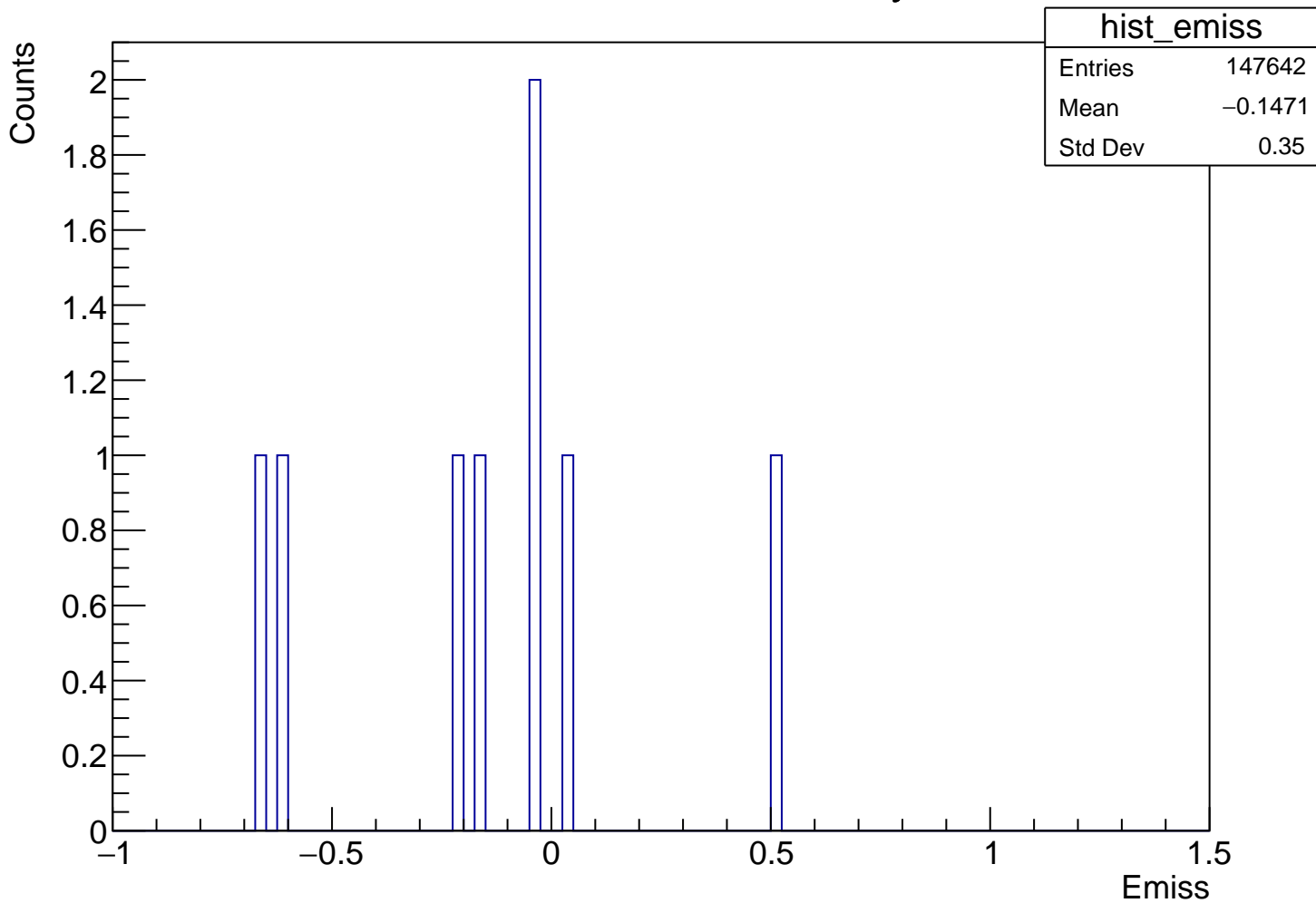
Run 2901: NPS.kin.secondary.pmiss_z



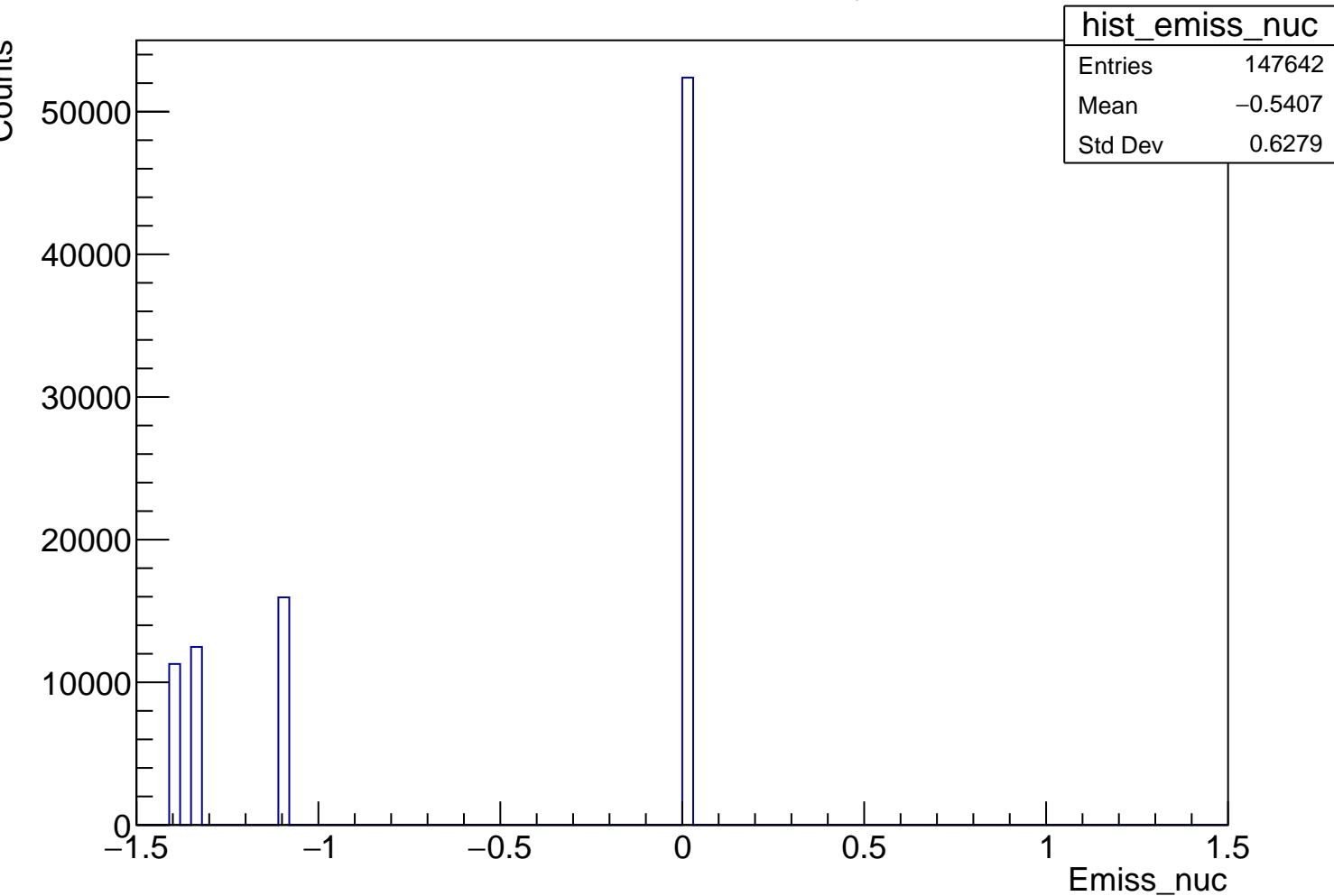
Run 2901: NPS.kin.secondary.pmiss



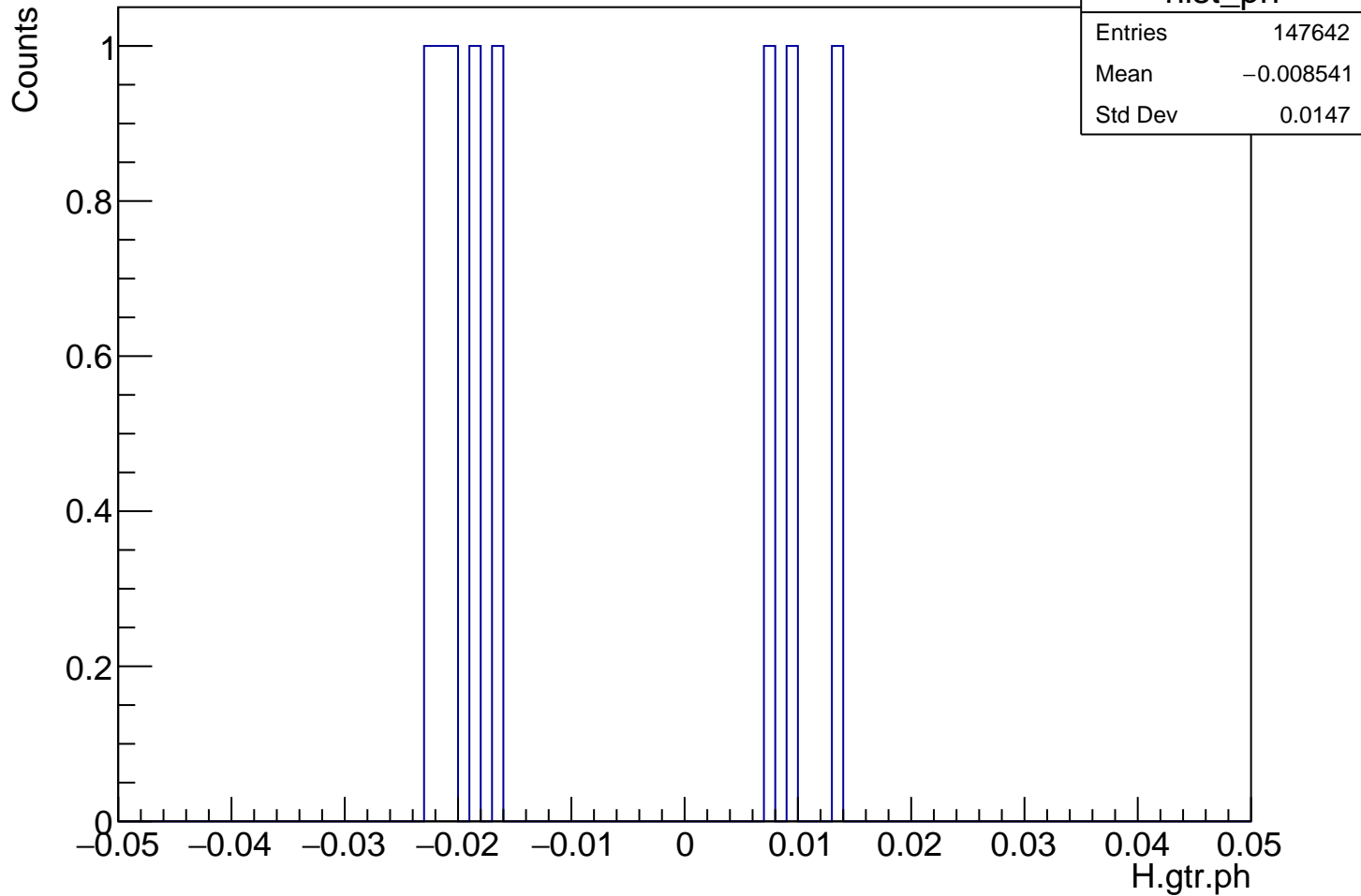
Run 2901: NPS.kin.secondary.emiss



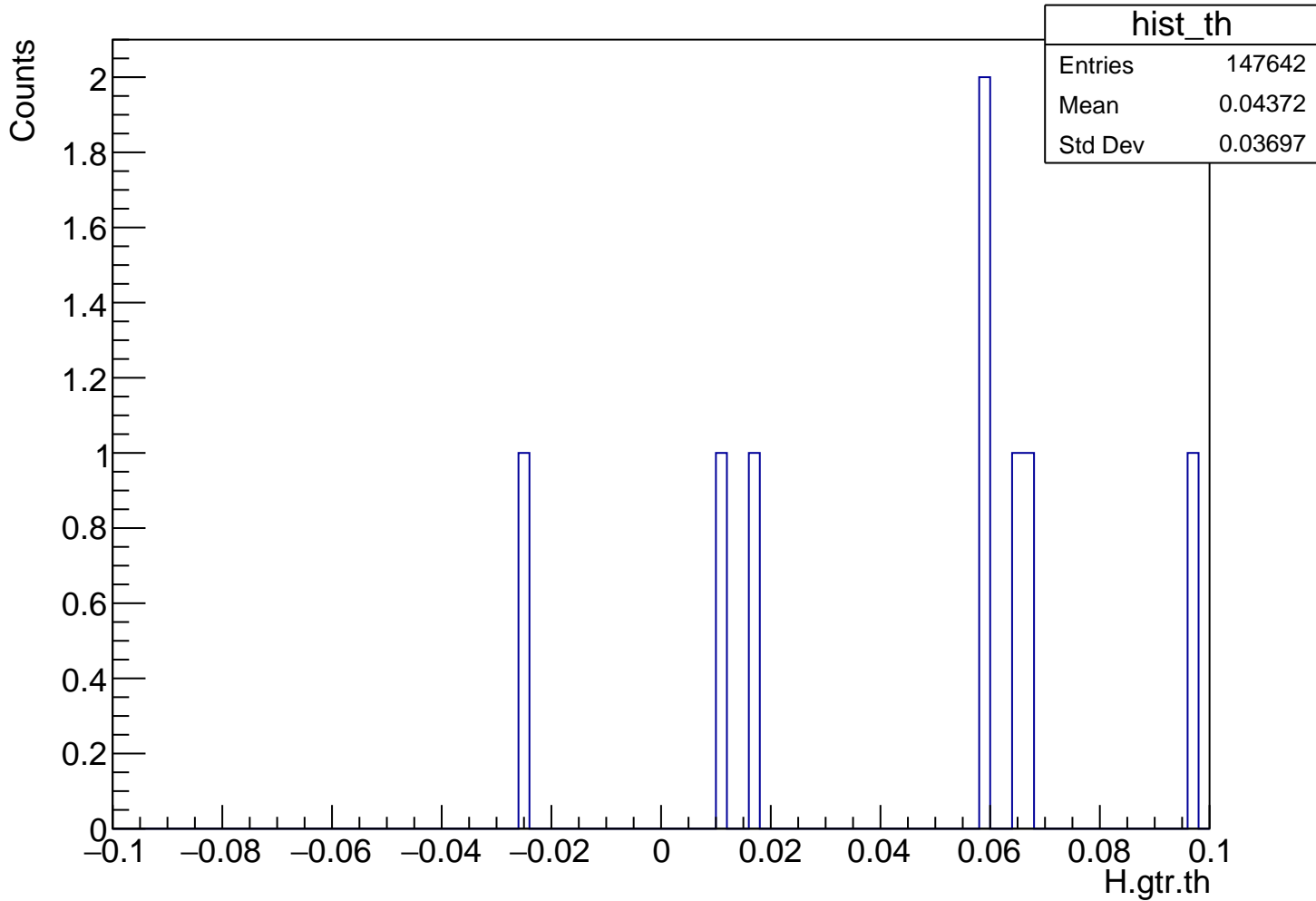
Run 2901: NPS.kin.secondary.emiss_nuc



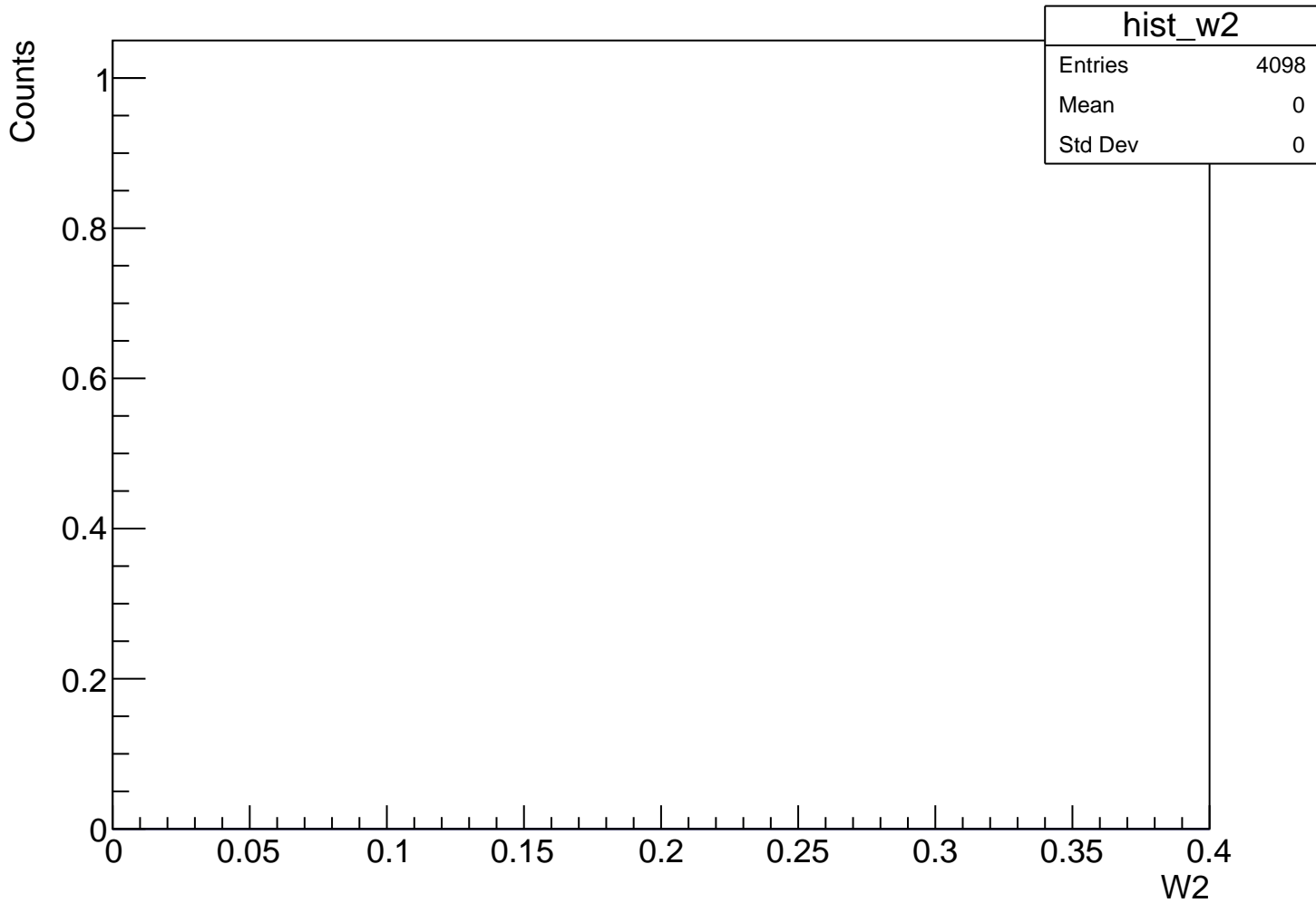
Run 2901: H.gtr.ph



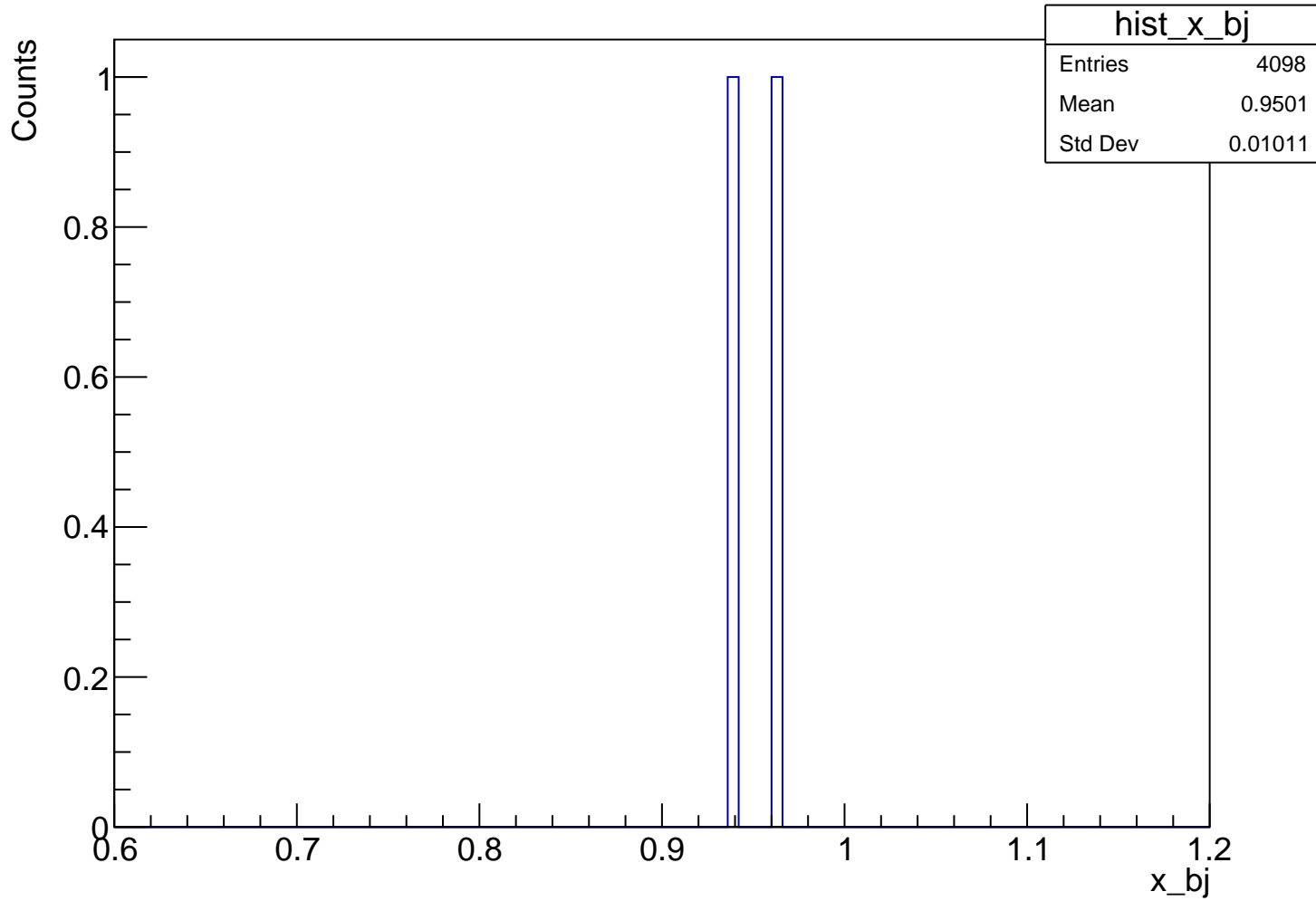
Run 2901: H.gtr.th



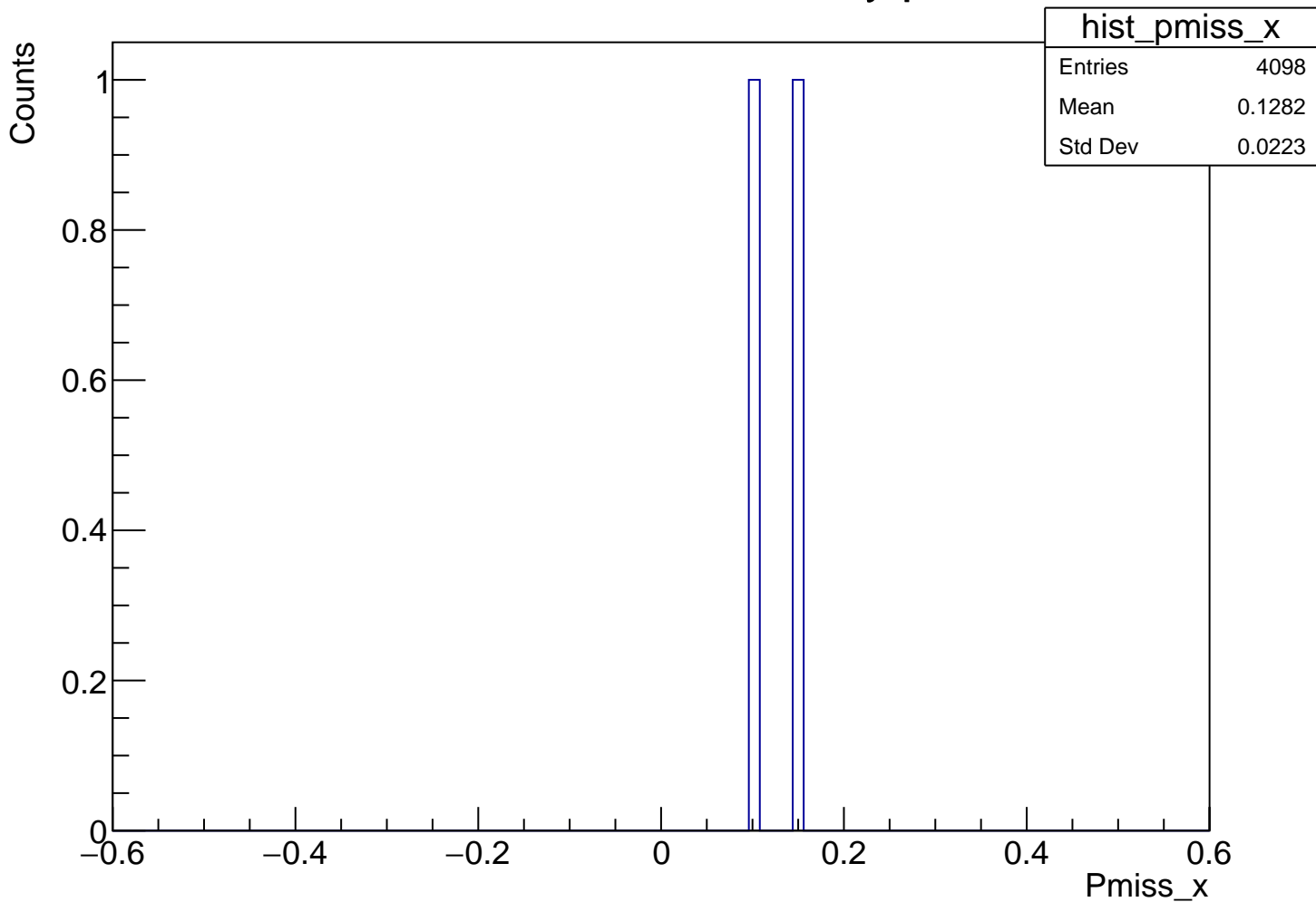
Run 2902: H.kin.W2



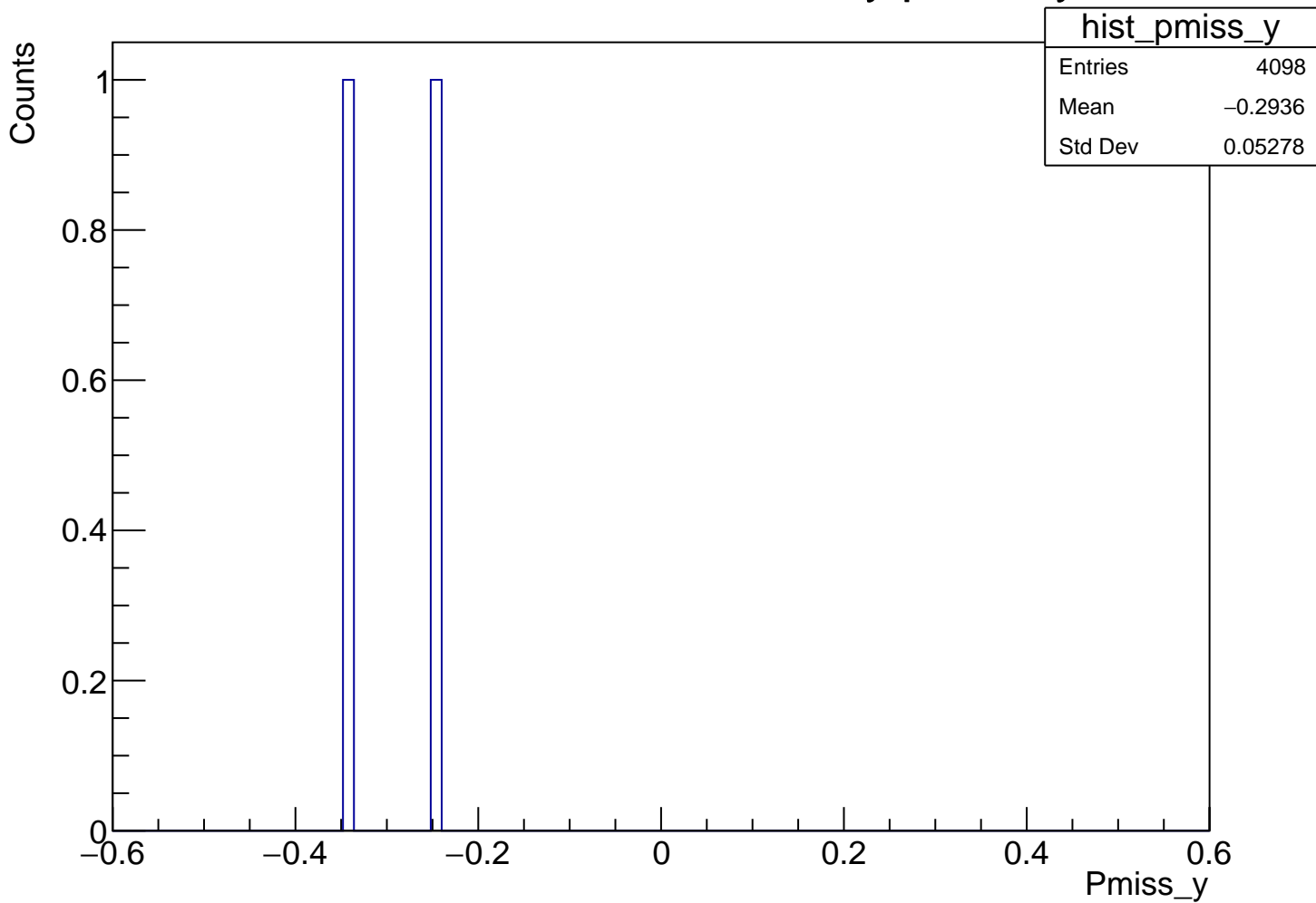
Run 2902: H.kin.x_bj



Run 2902: NPS.kin.secondary.pmiss_x

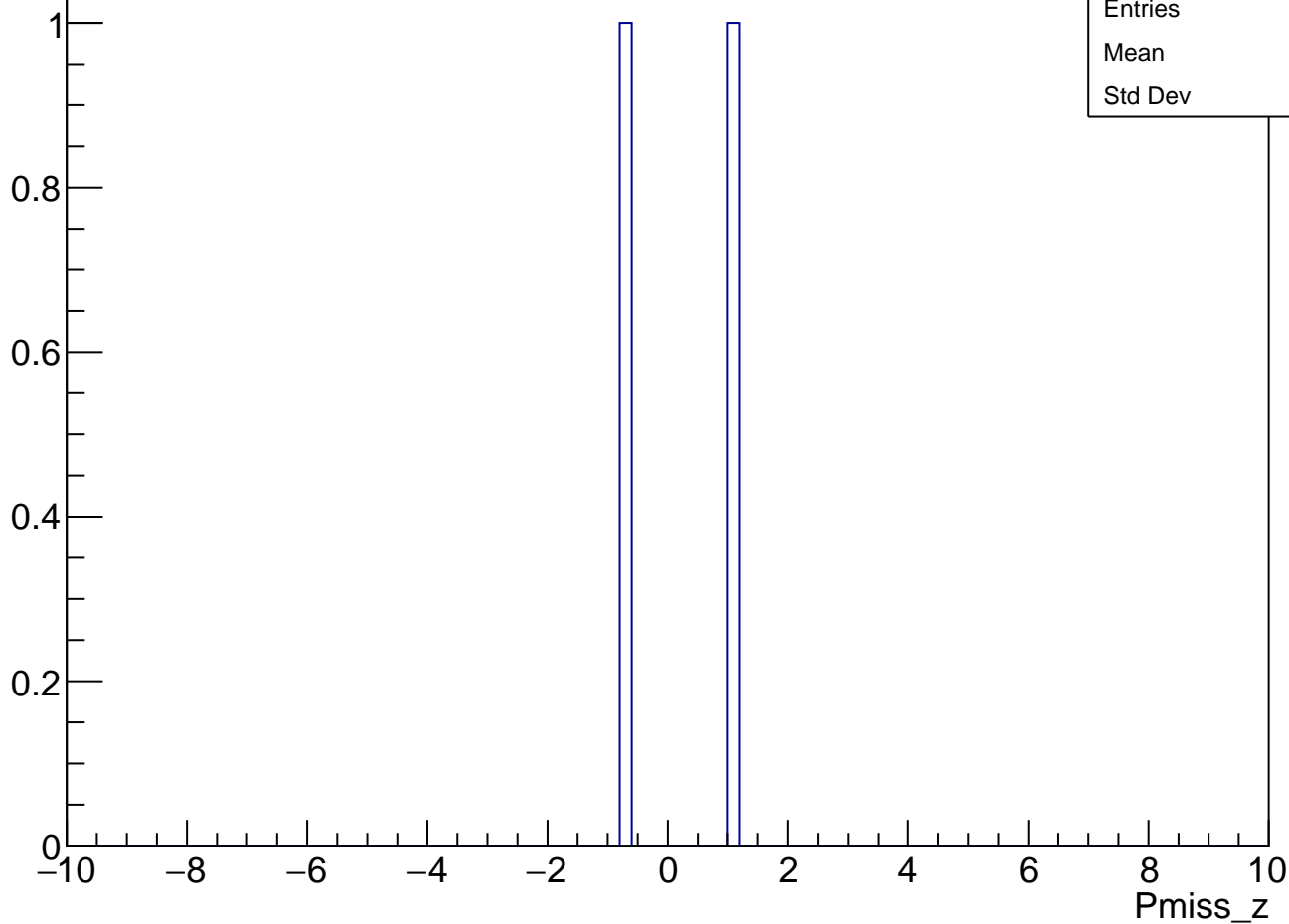


Run 2902: NPS.kin.secondary.pmiss_y



Run 2902: NPS.kin.secondary.pmiss_z

Counts



Run 2902: NPS.kin.secondary.pmiss

Counts

1
0.8
0.6
0.4
0.2
0

-1

-0.5

0

0.5

1

Pmiss

hist_pmiss

Entries	4098
Mean	-0.06135
Std Dev	0.8429

Run 2902: NPS.kin.secondary.emiss

Counts

1
0.8
0.6
0.4
0.2
0

-1

-0.5

0

0.5

1

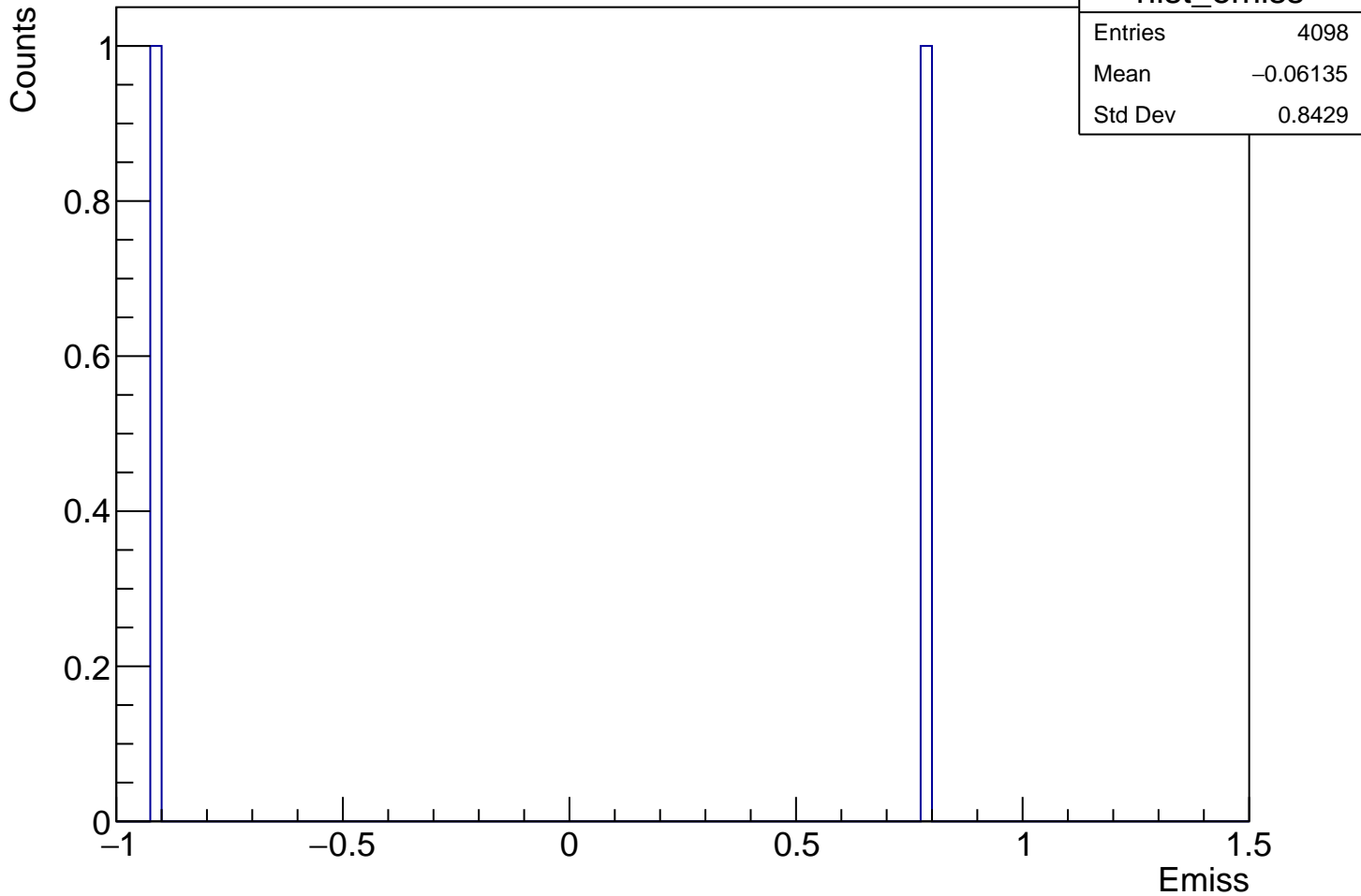
Emiss

hist_emiss

Entries 4098

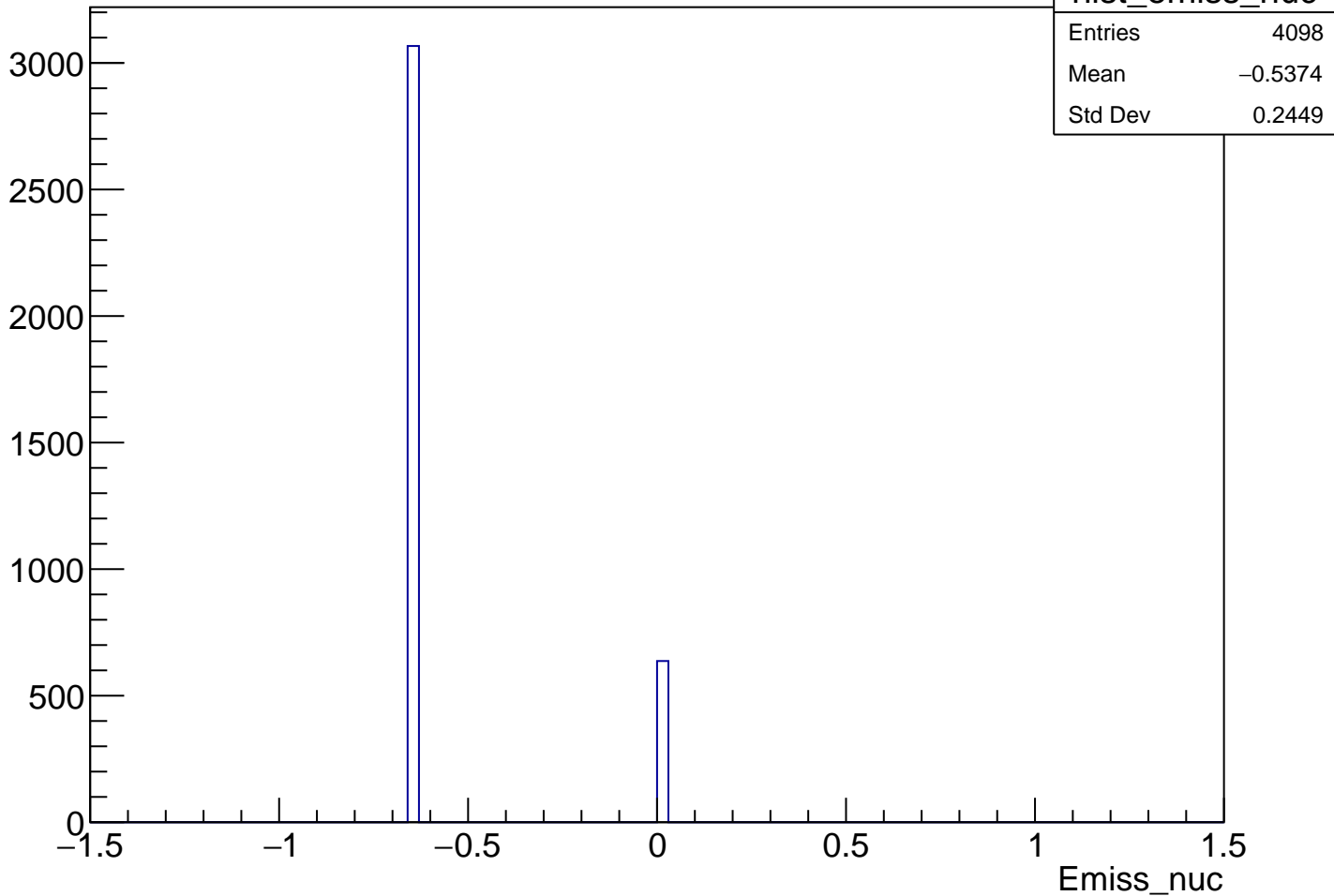
Mean -0.06135

Std Dev 0.8429



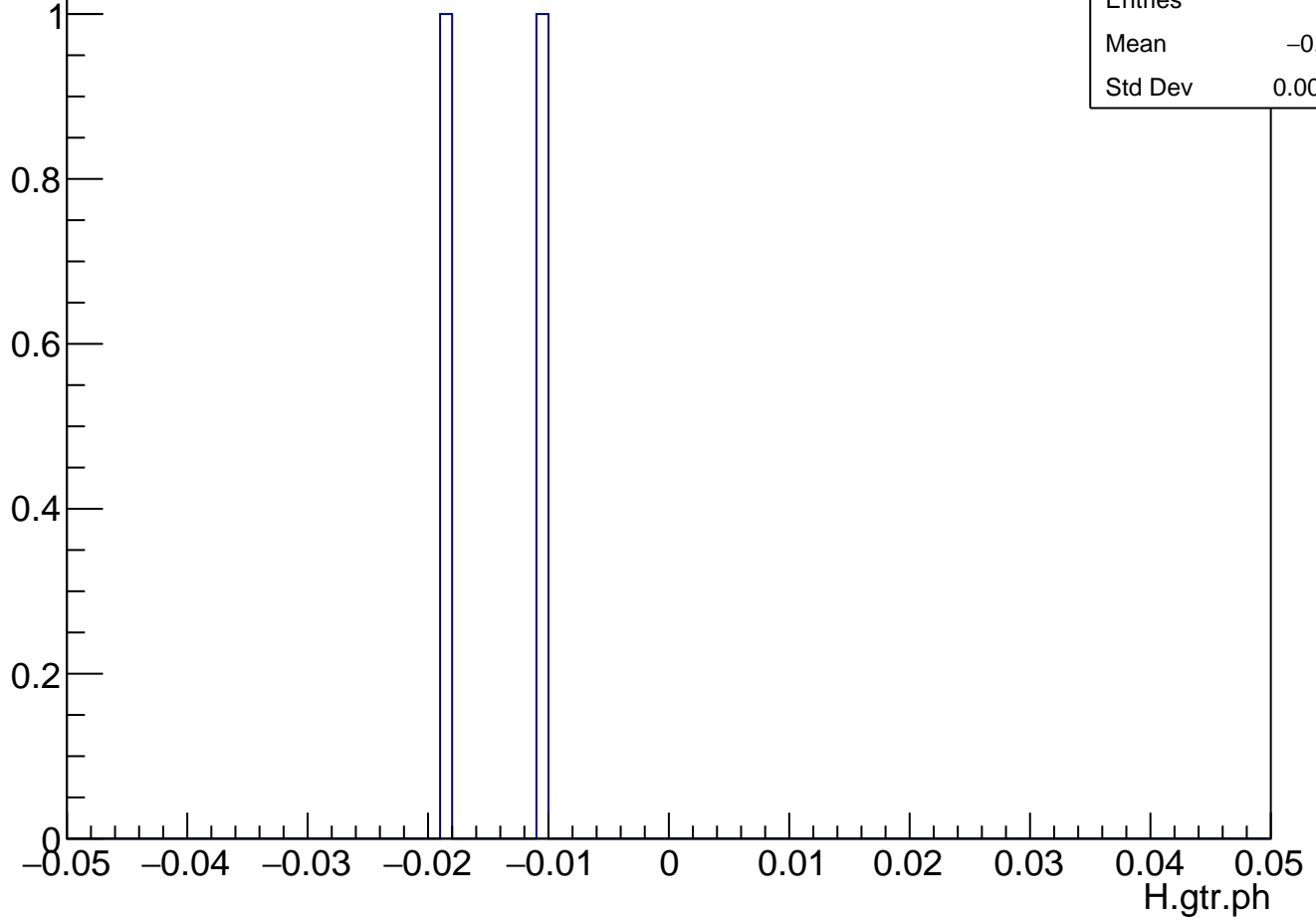
Run 2902: NPS.kin.secondary.emiss_nuc

Counts



Run 2902: H.gtr.ph

Counts



Run 2902: H.gtr.th

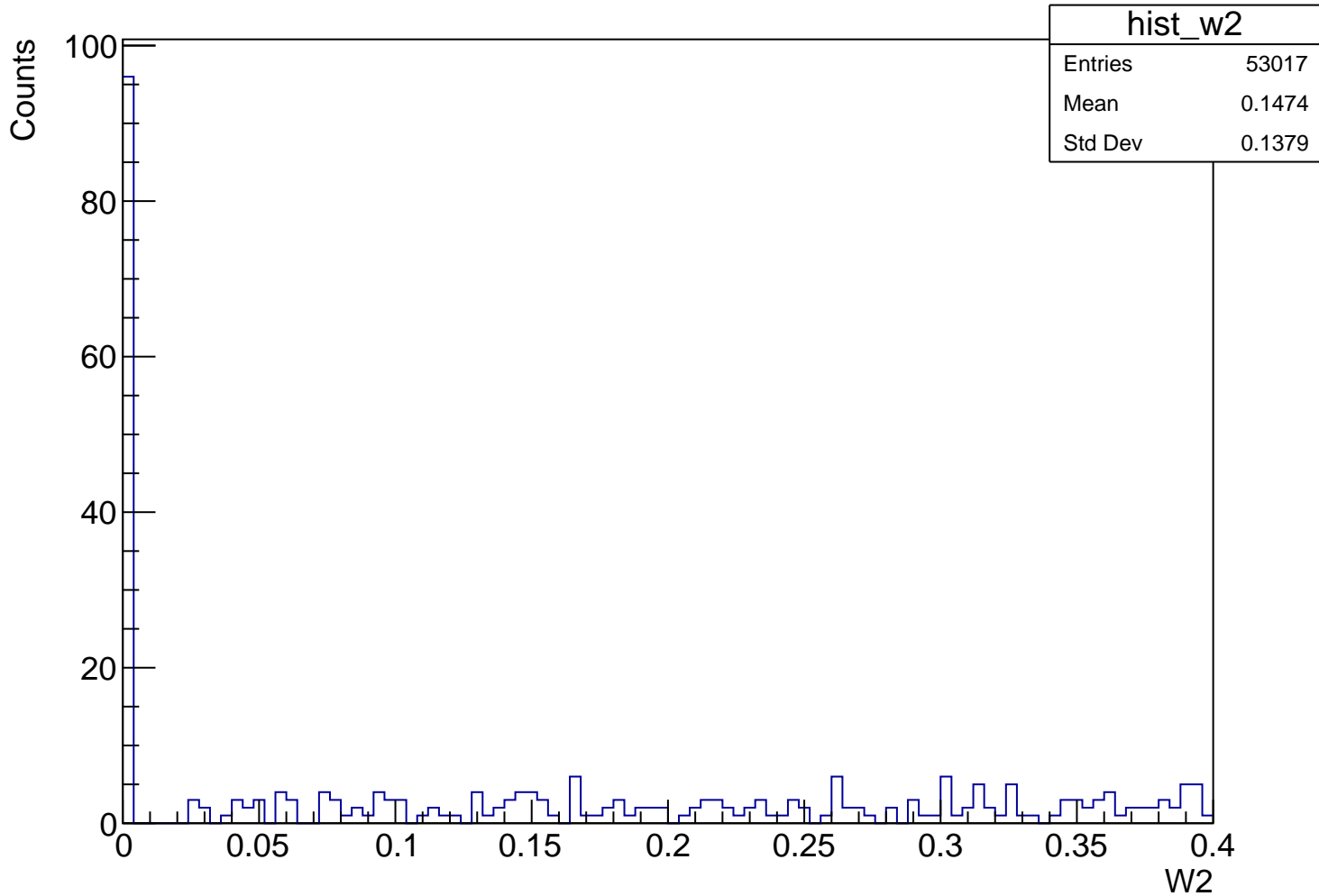
Counts

1
0.8
0.6
0.4
0.2
0

hist_th	
Entries	4098
Mean	0.08099
Std Dev	0.004841

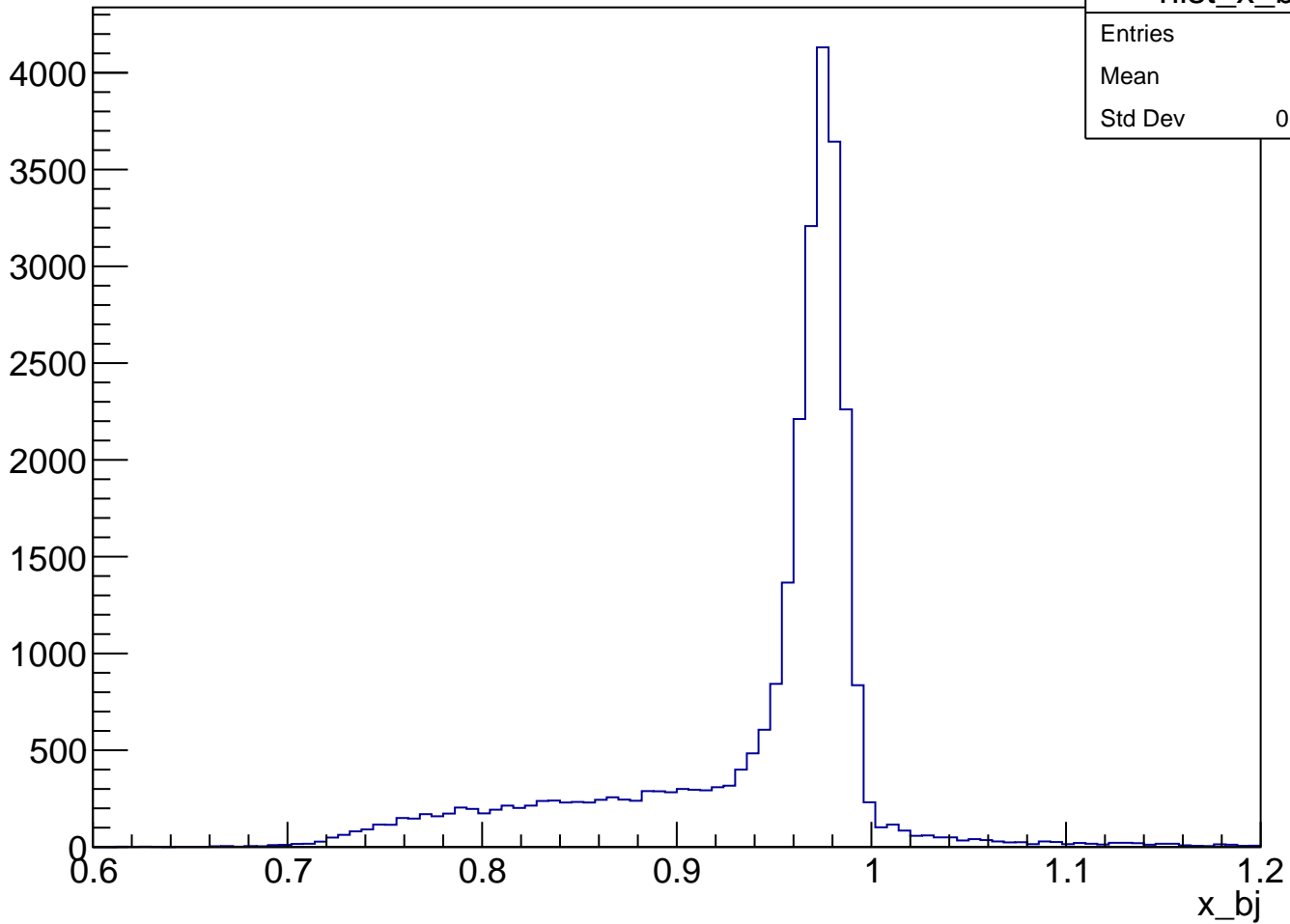
-0.1 -0.08 -0.06 -0.04 -0.02 0 0.02 0.04 0.06 0.08 0.1
H.gtr.th

Run 2906: H.kin.W2



Run 2906: H.kin.x_bj

Counts

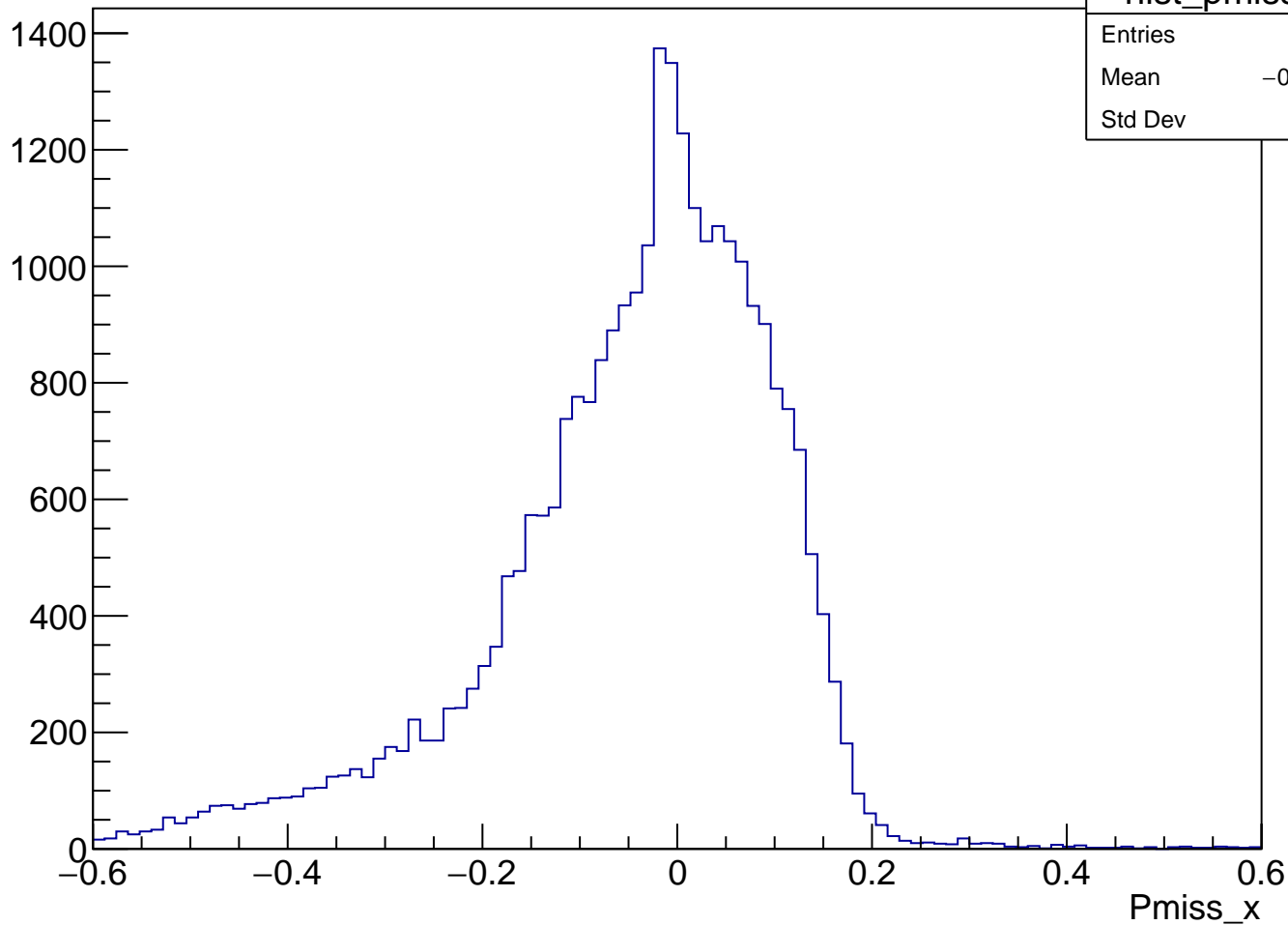


hist_x_bj

Entries	53017
Mean	0.9415
Std Dev	0.06867

Run 2906: NPS.kin.secondary.pmiss_x

Counts



hist_pmiss_x

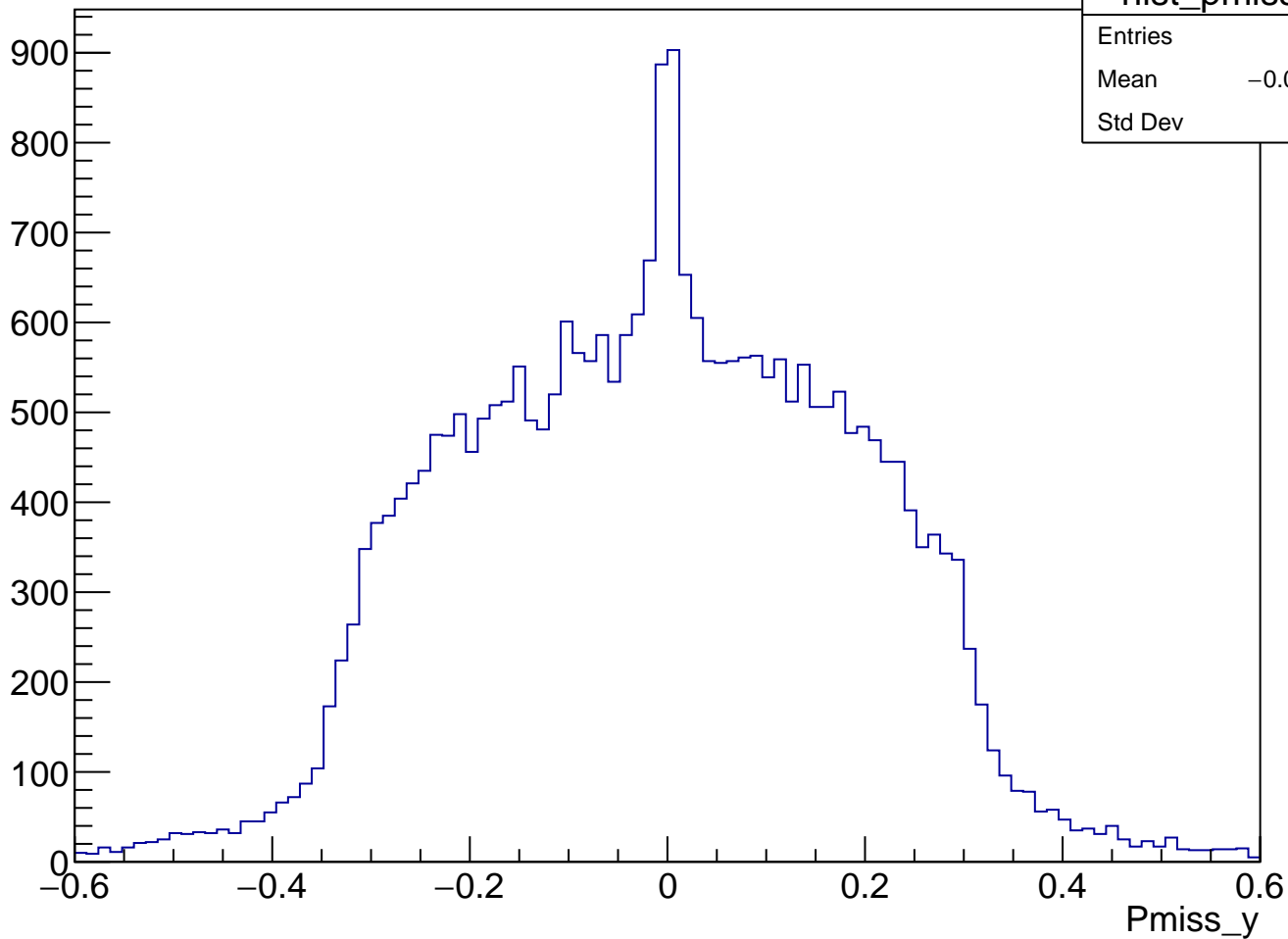
Entries 53017

Mean -0.04425

Std Dev 0.1451

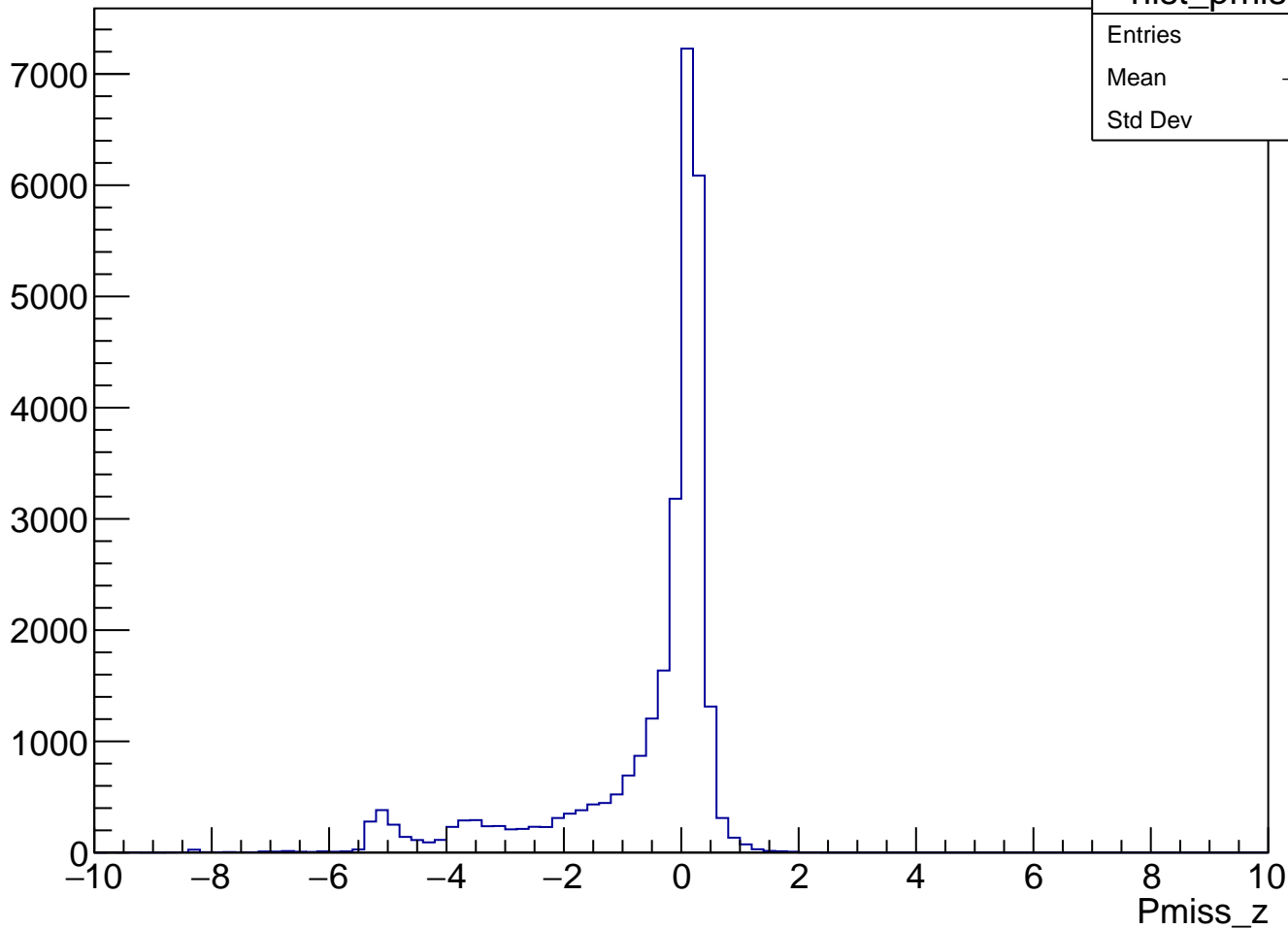
Run 2906: NPS.kin.secondary.pmiss_y

Counts



Run 2906: NPS.kin.secondary.pmiss_z

Counts



hist_pmiss_z

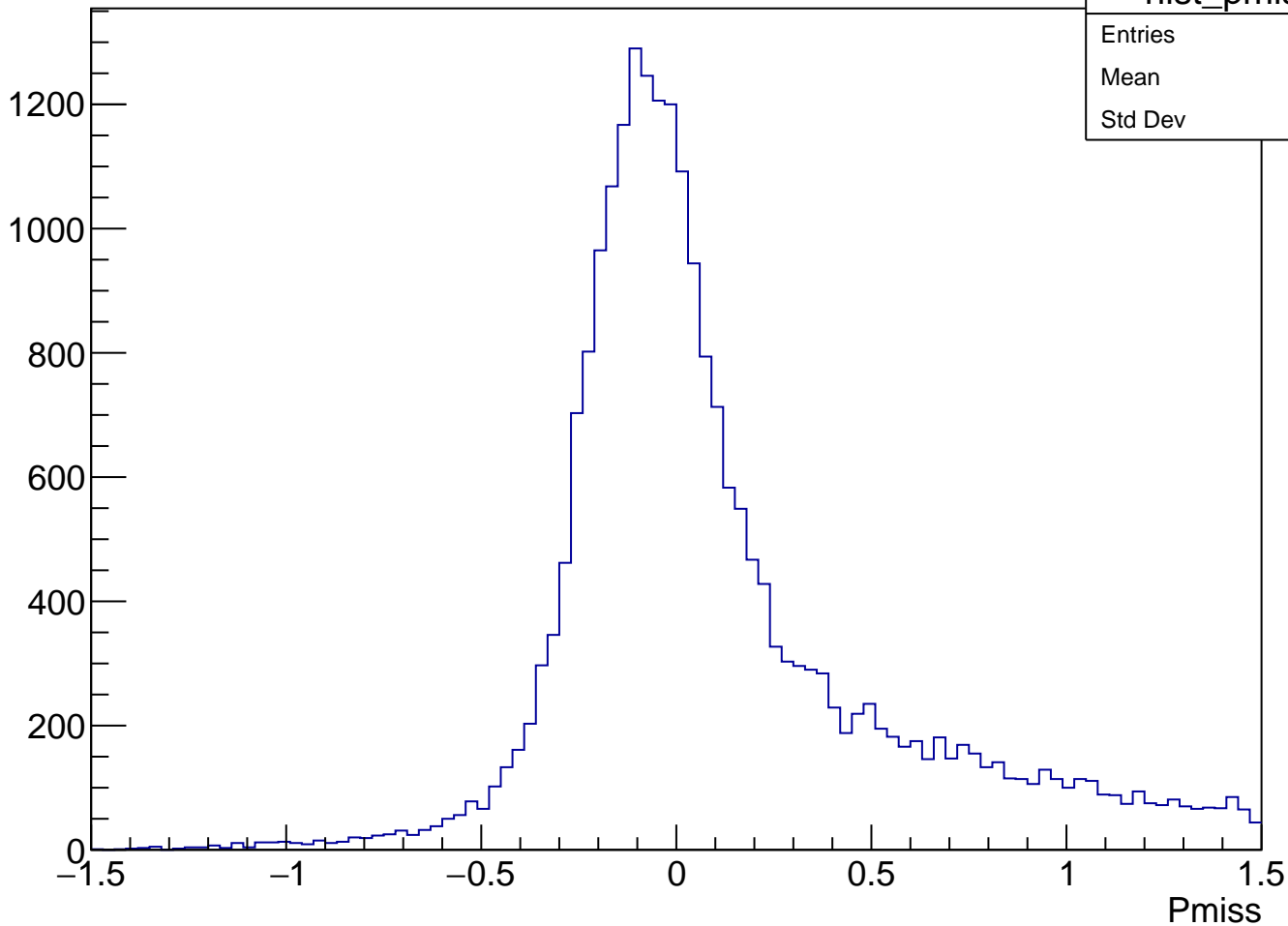
Entries 53017

Mean -0.5956

Std Dev 1.45

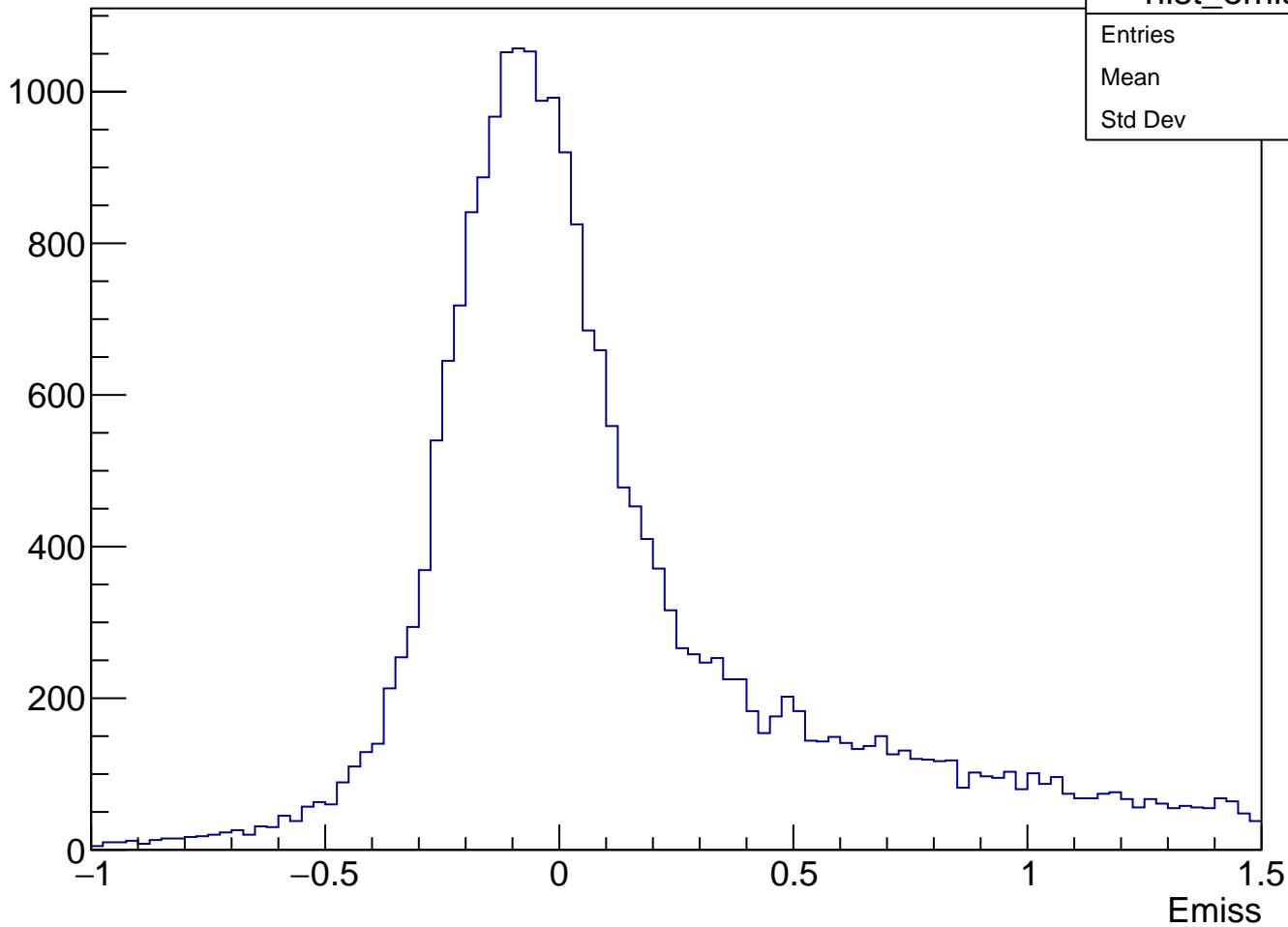
Run 2906: NPS.kin.secondary.pmiss

Counts



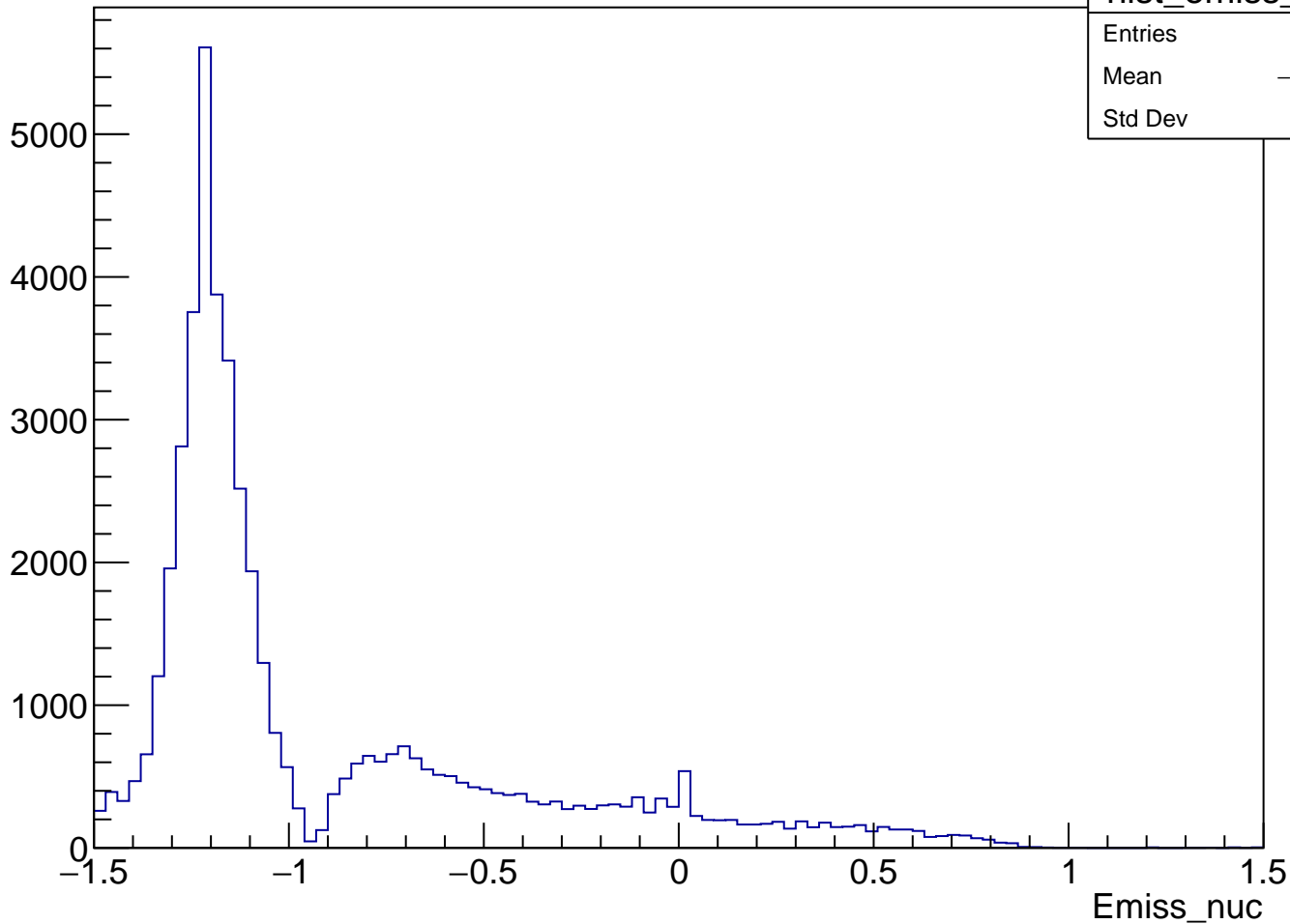
Run 2906: NPS.kin.secondary.emiss

Counts



Run 2906: NPS.kin.secondary.emiss_nuc

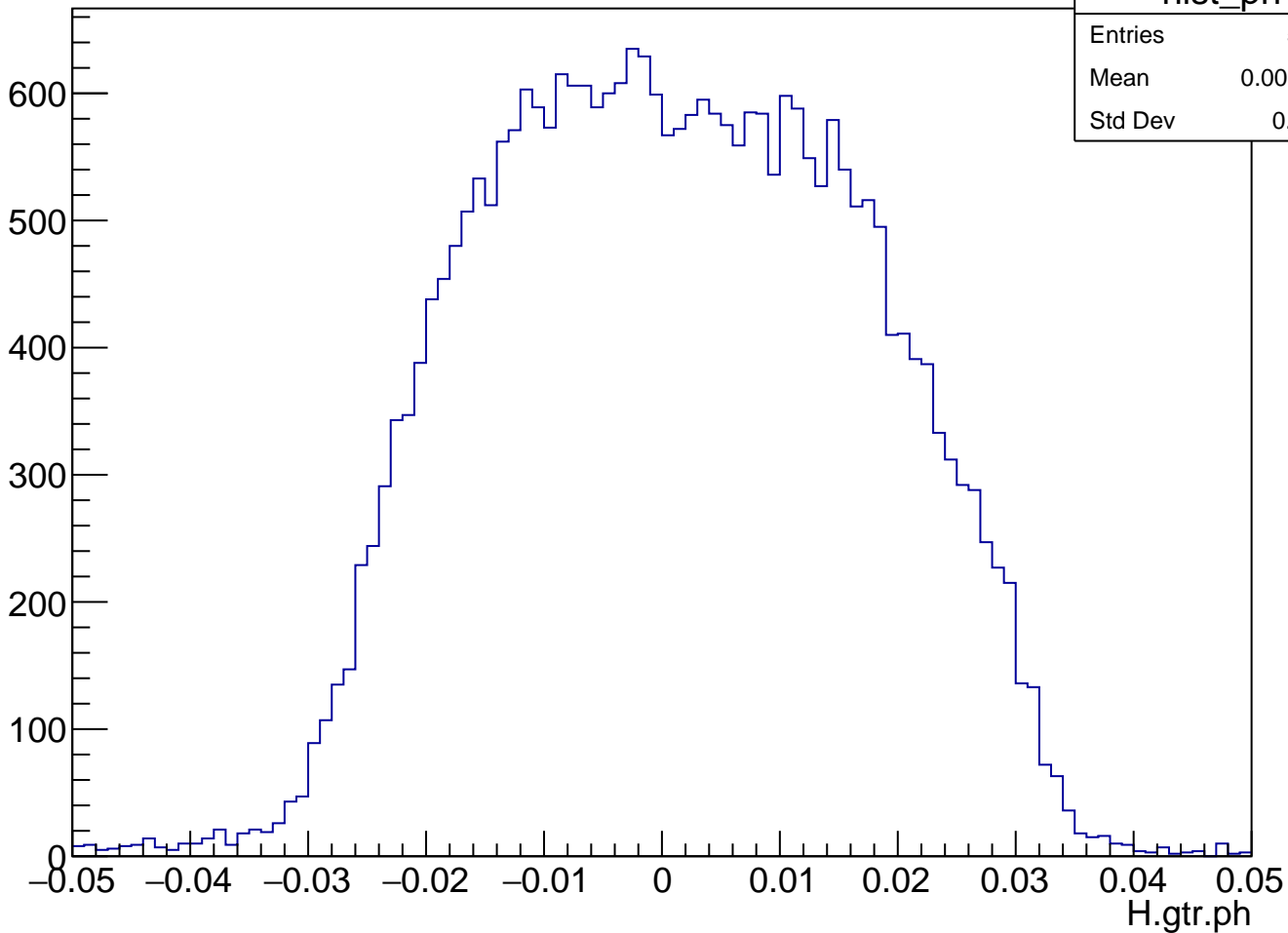
Counts



hist_emiss_nuc	
Entries	53017
Mean	-0.8937
Std Dev	0.5088

Run 2906: H.gtr.ph

Counts



hist_ph

Entries 53017

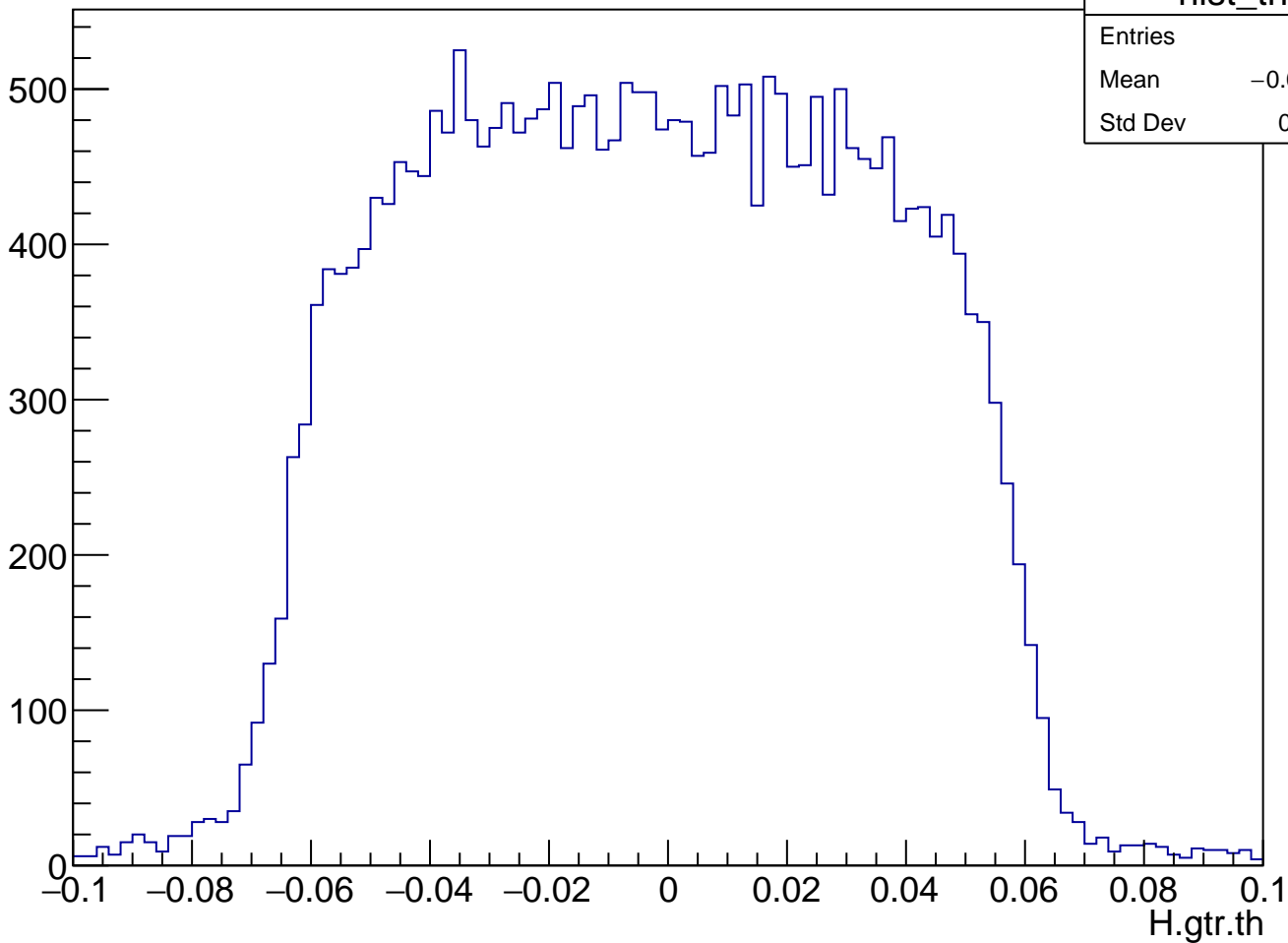
Mean 0.0009498

Std Dev 0.01561

H.gtr.ph

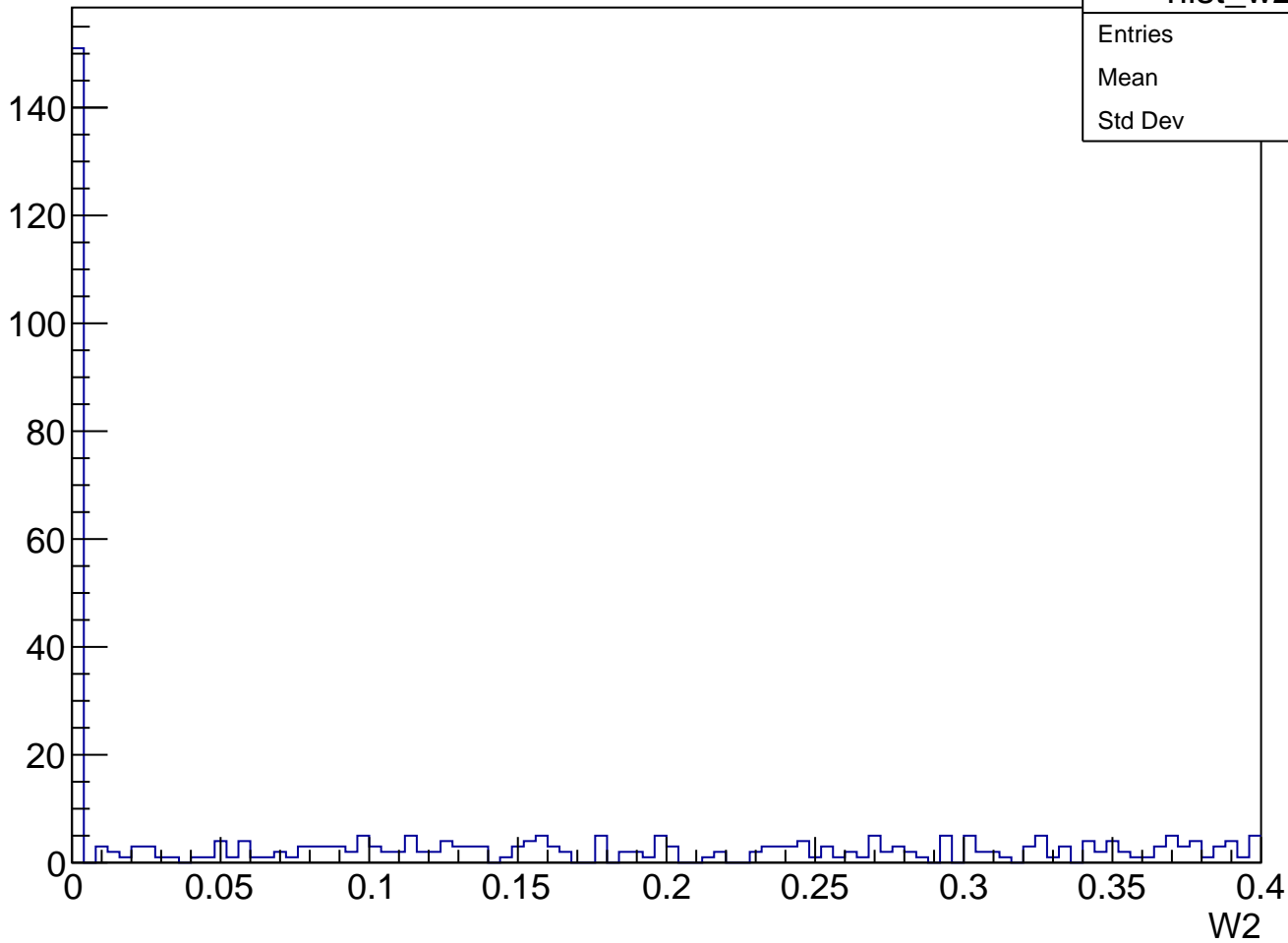
Run 2906: H.gtr.th

Counts



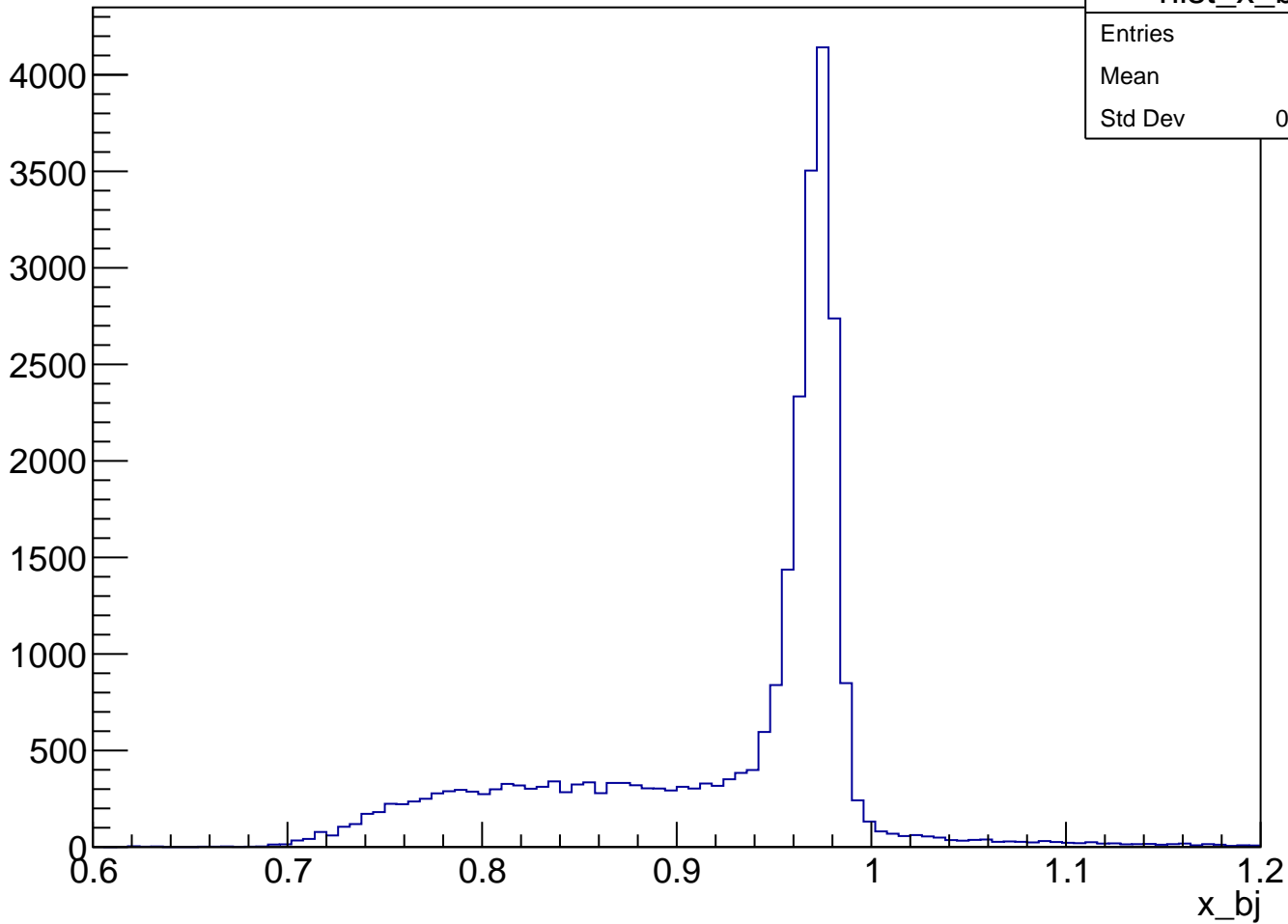
Run 2907: H.kin.W2

Counts



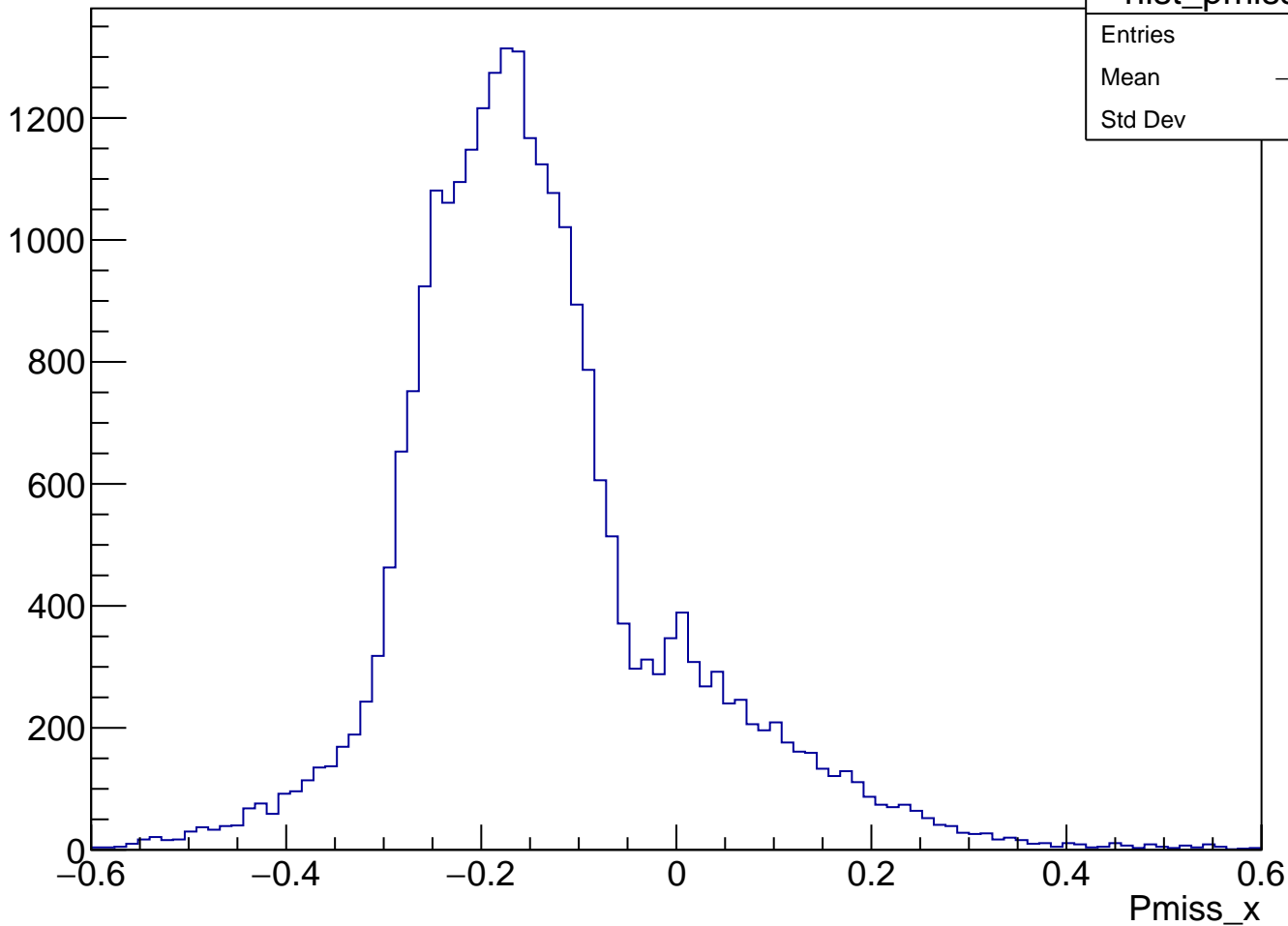
Run 2907: H.kin.x_bj

Counts



Run 2907: NPS.kin.secondary.pmiss_x

Counts



hist_pmiss_x

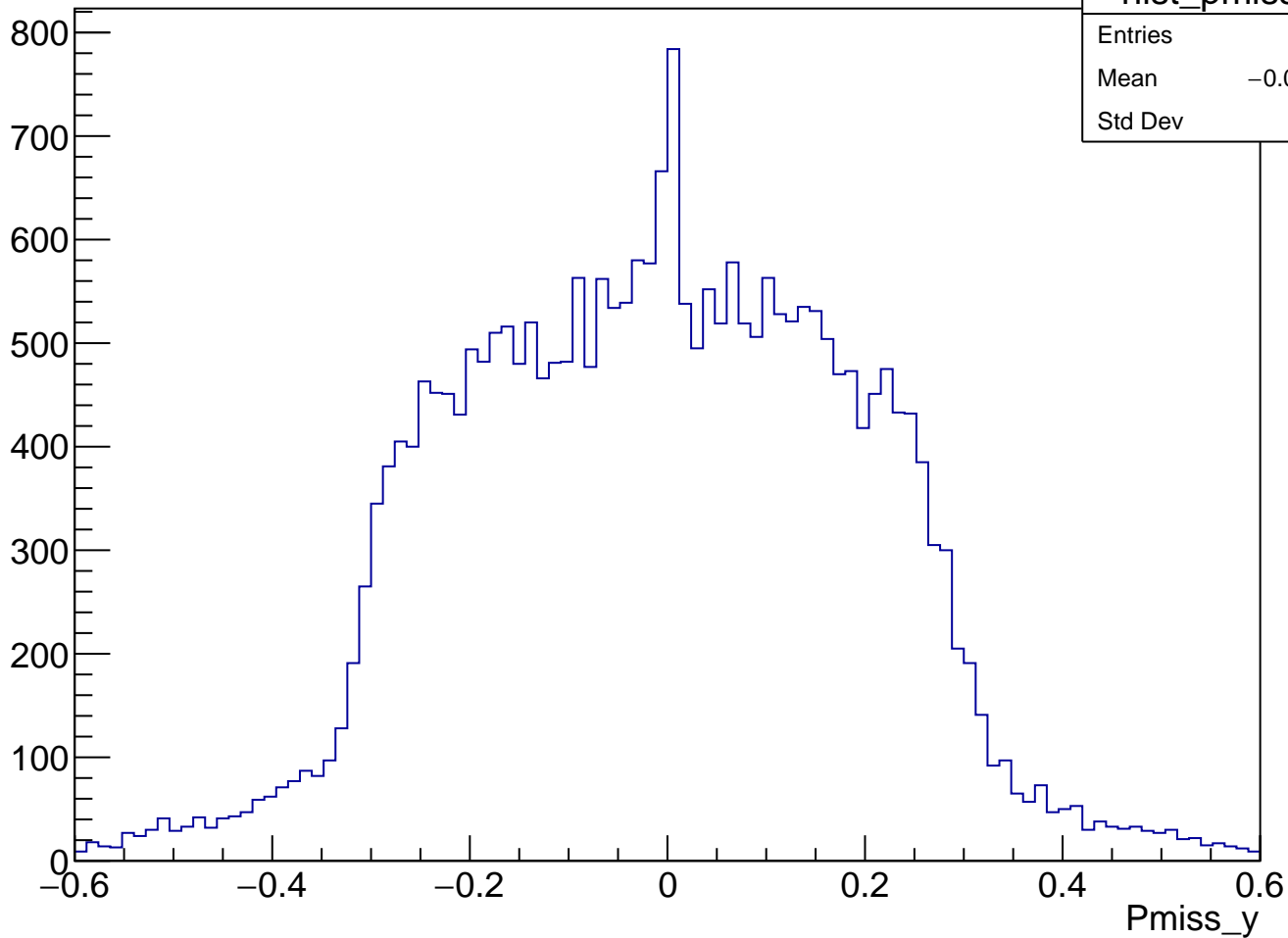
Entries 58318

Mean -0.1403

Std Dev 0.1418

Run 2907: NPS.kin.secondary.pmiss_y

Counts



hist_pmiss_y

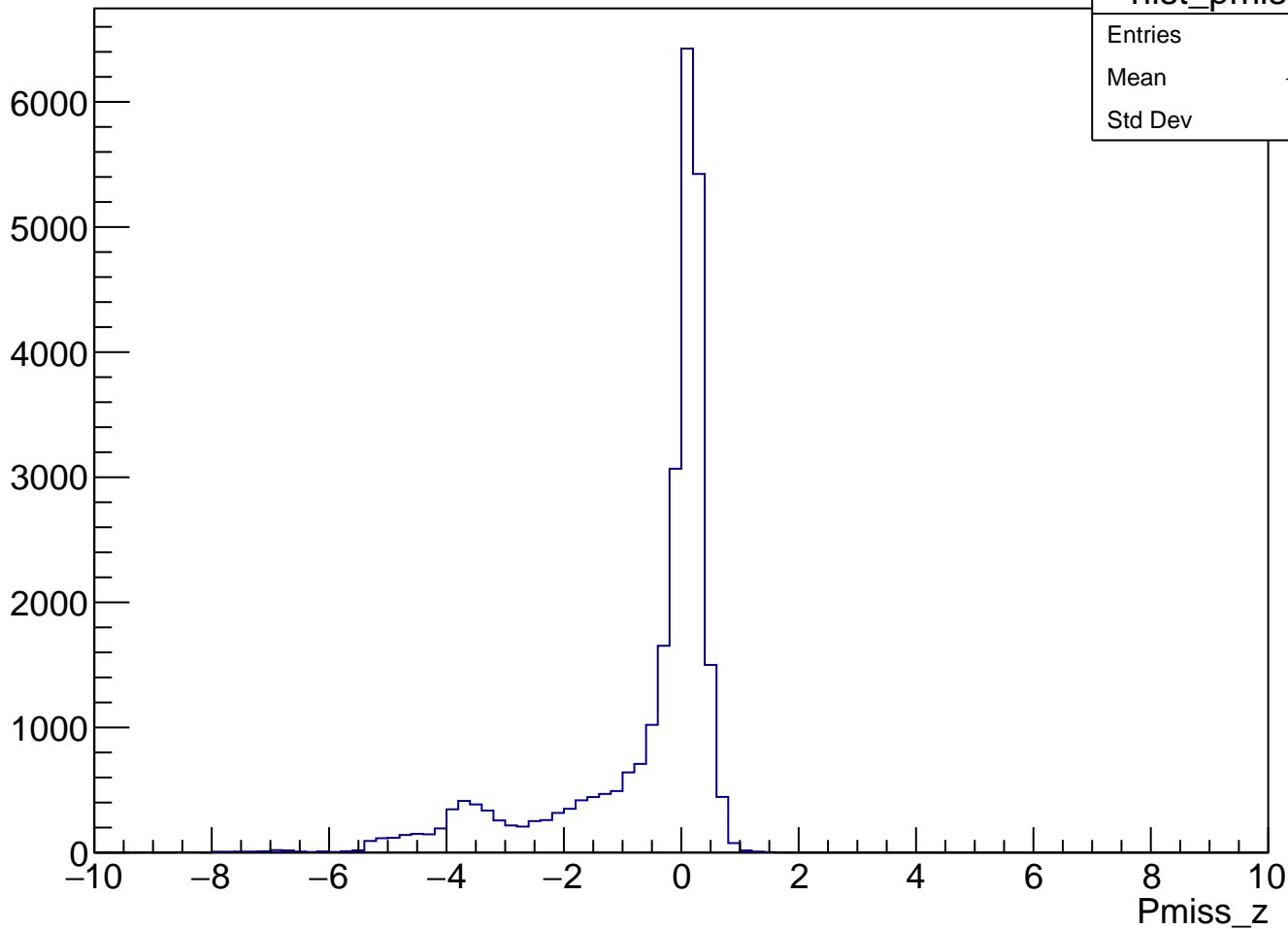
Entries 58318

Mean -0.008228

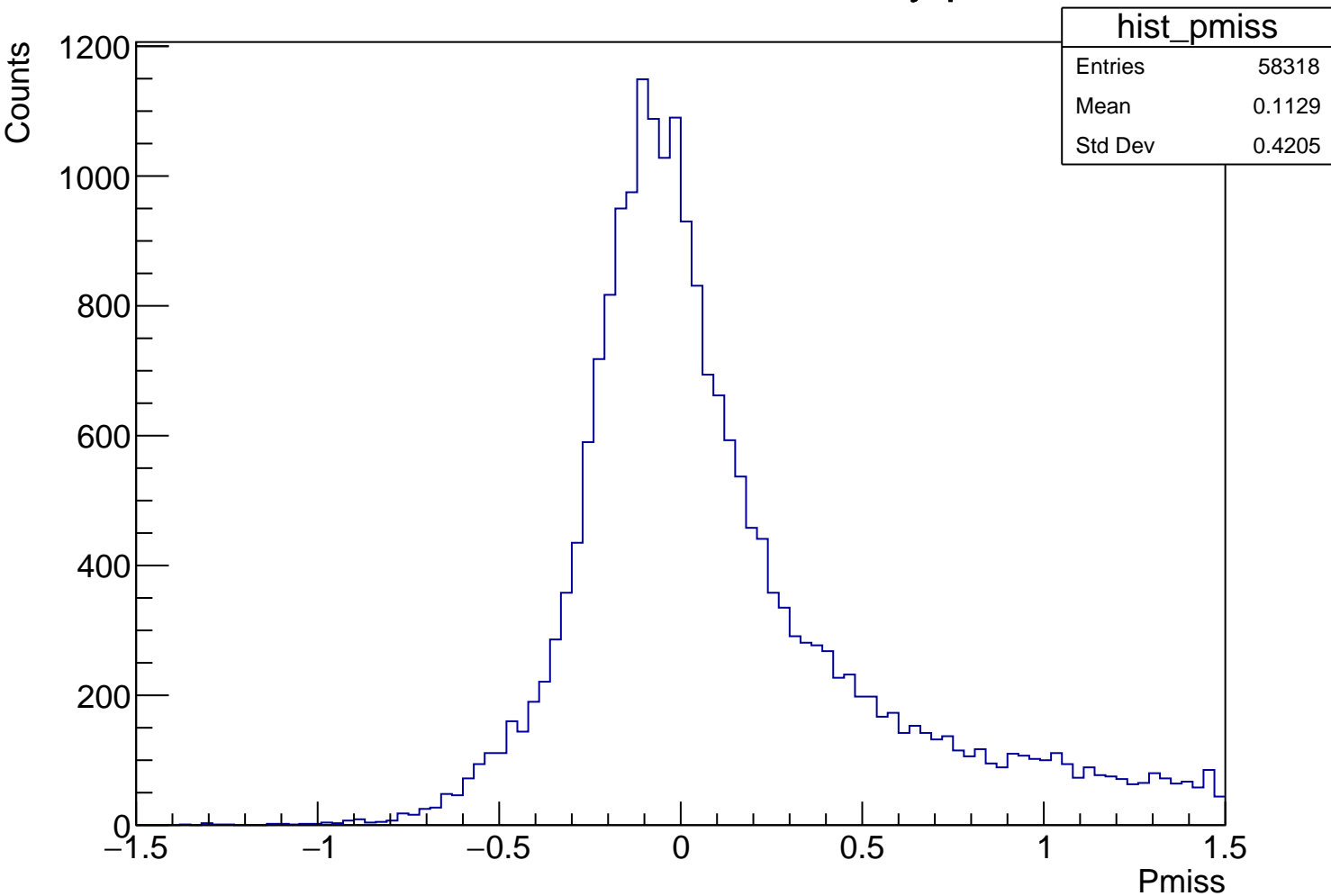
Std Dev 0.1977

Run 2907: NPS.kin.secondary.pmiss_z

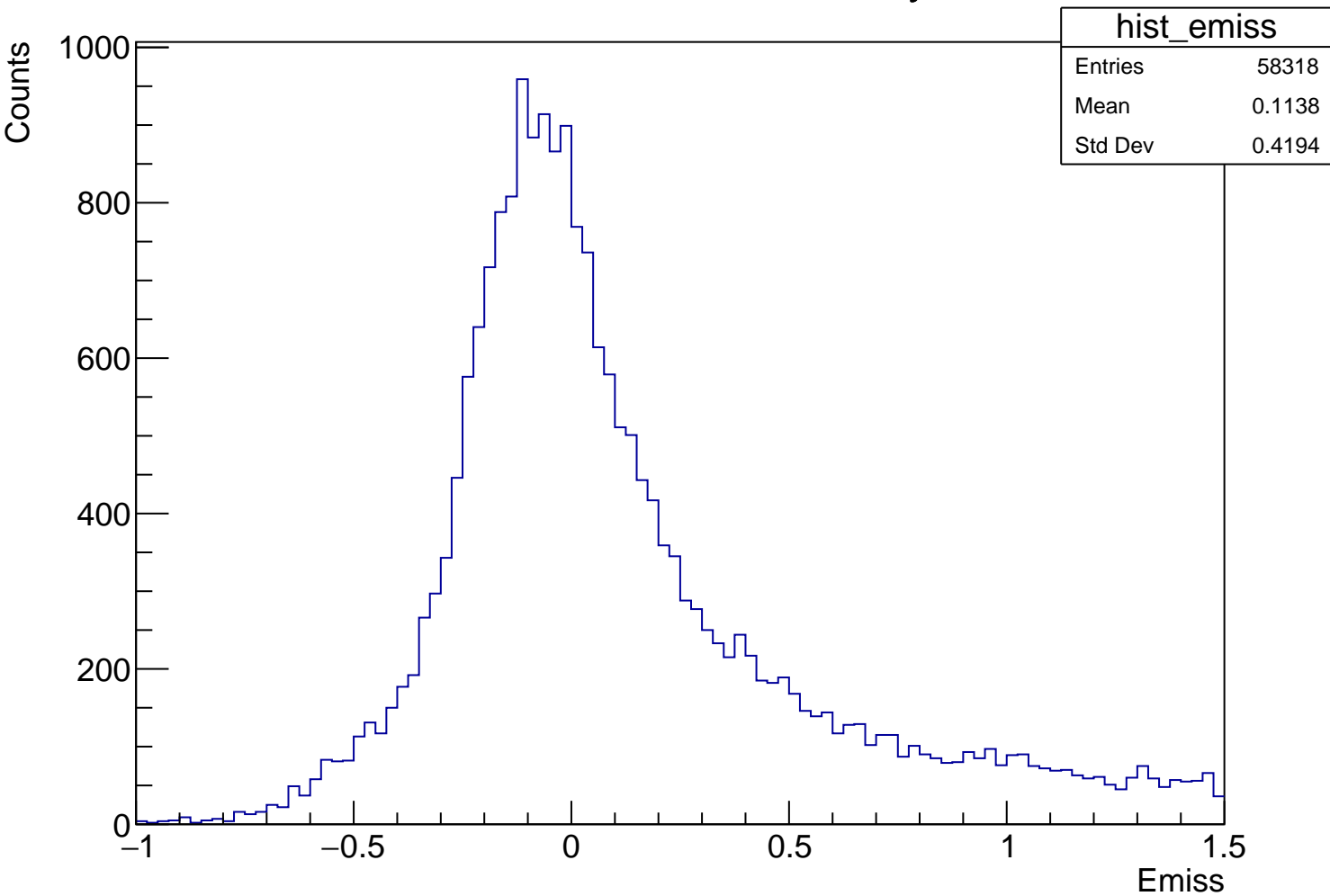
Counts



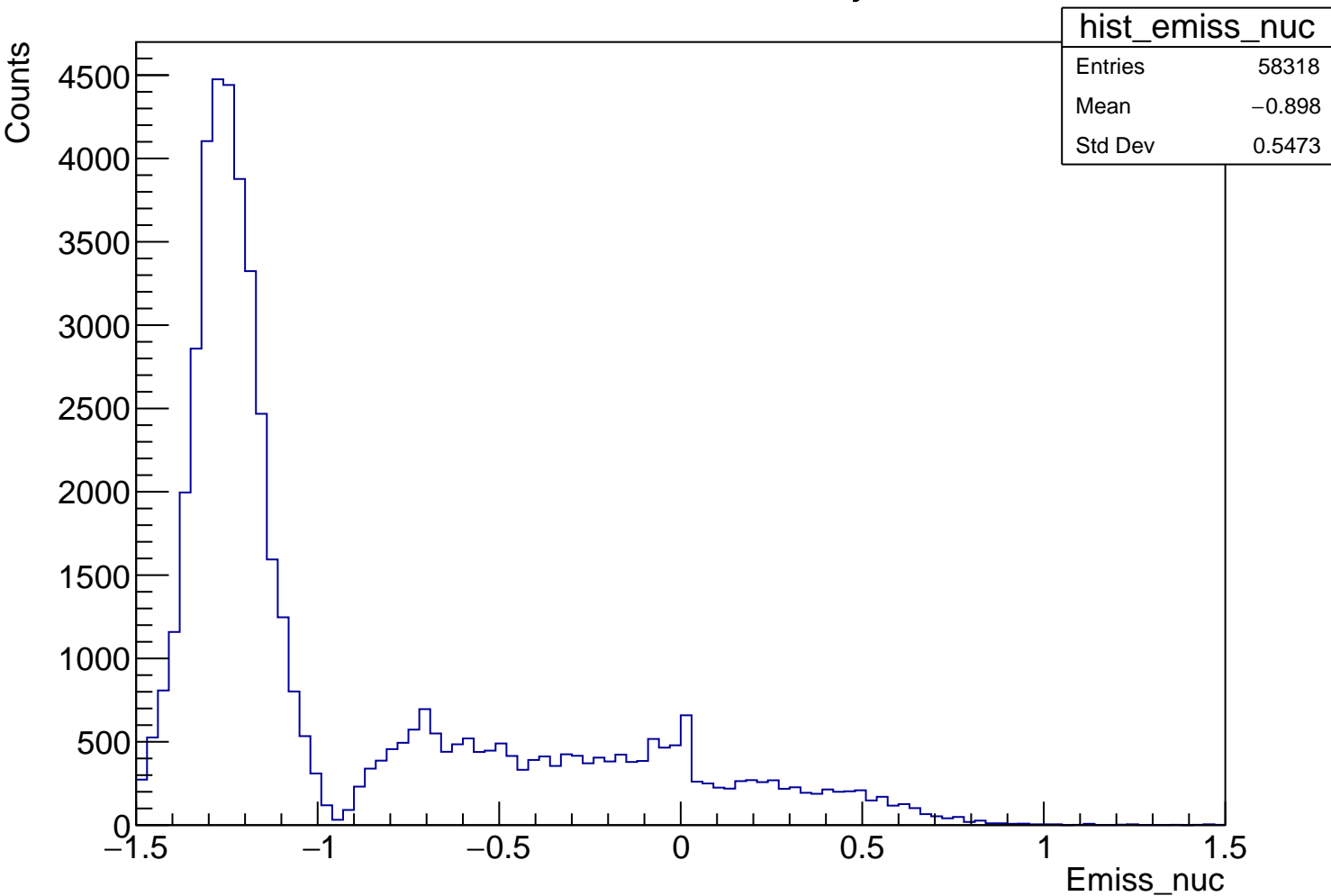
Run 2907: NPS.kin.secondary.pmiss



Run 2907: NPS.kin.secondary.emiss

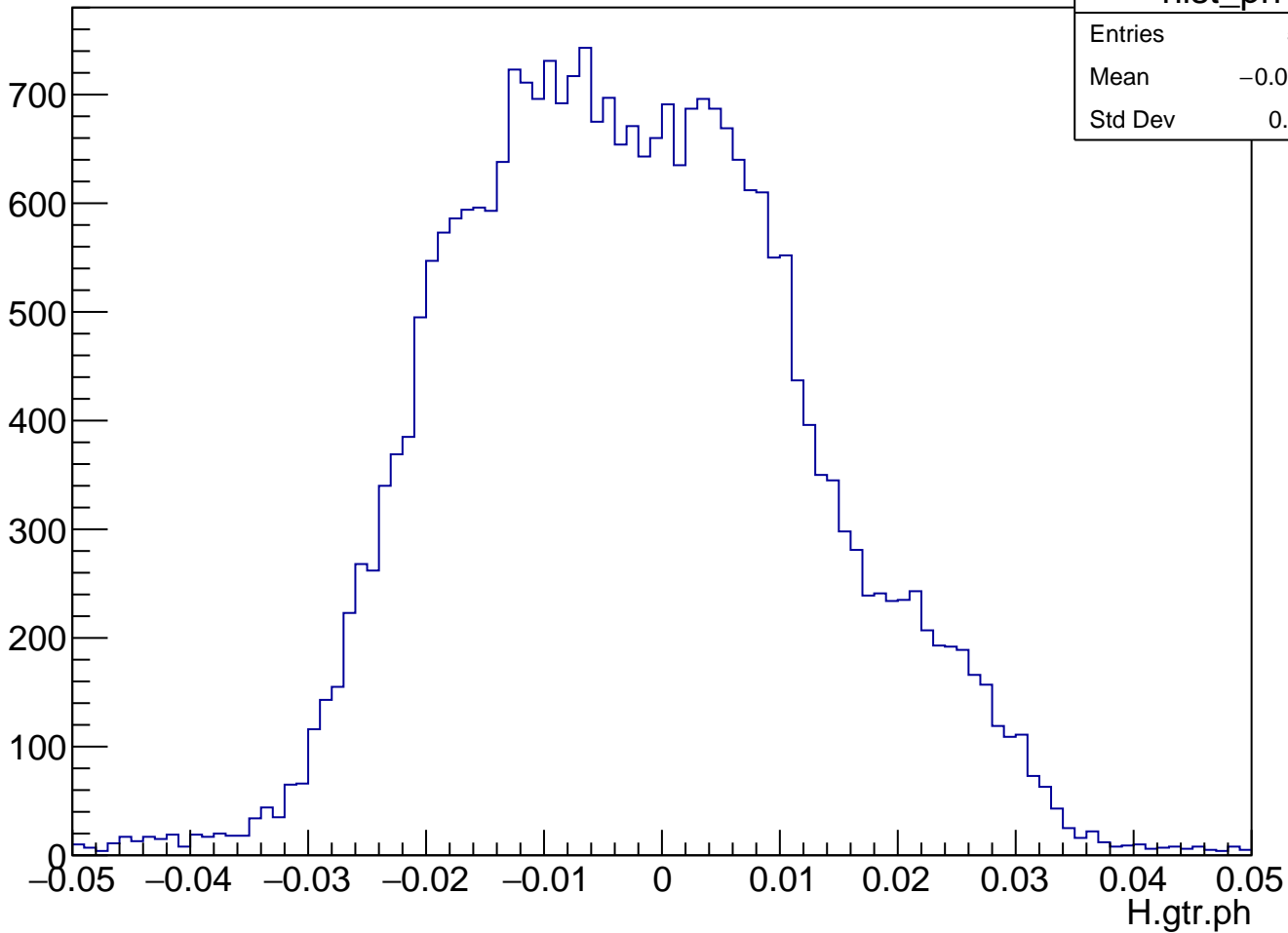


Run 2907: NPS.kin.secondary.emiss_nuc



Run 2907: H.gtr.ph

Counts



hist_ph

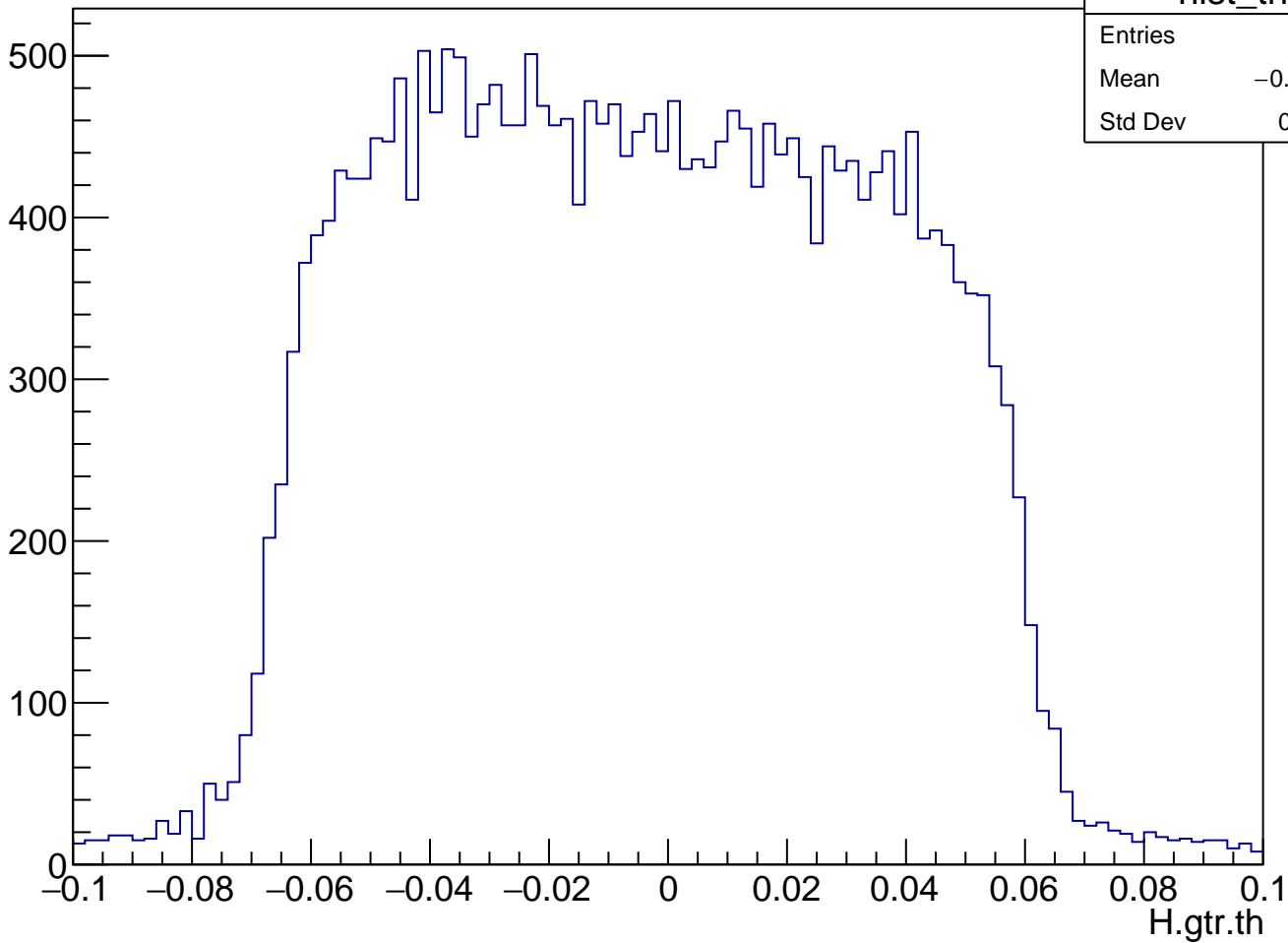
Entries 58318

Mean -0.002493

Std Dev 0.01479

Run 2907: H.gtr.th

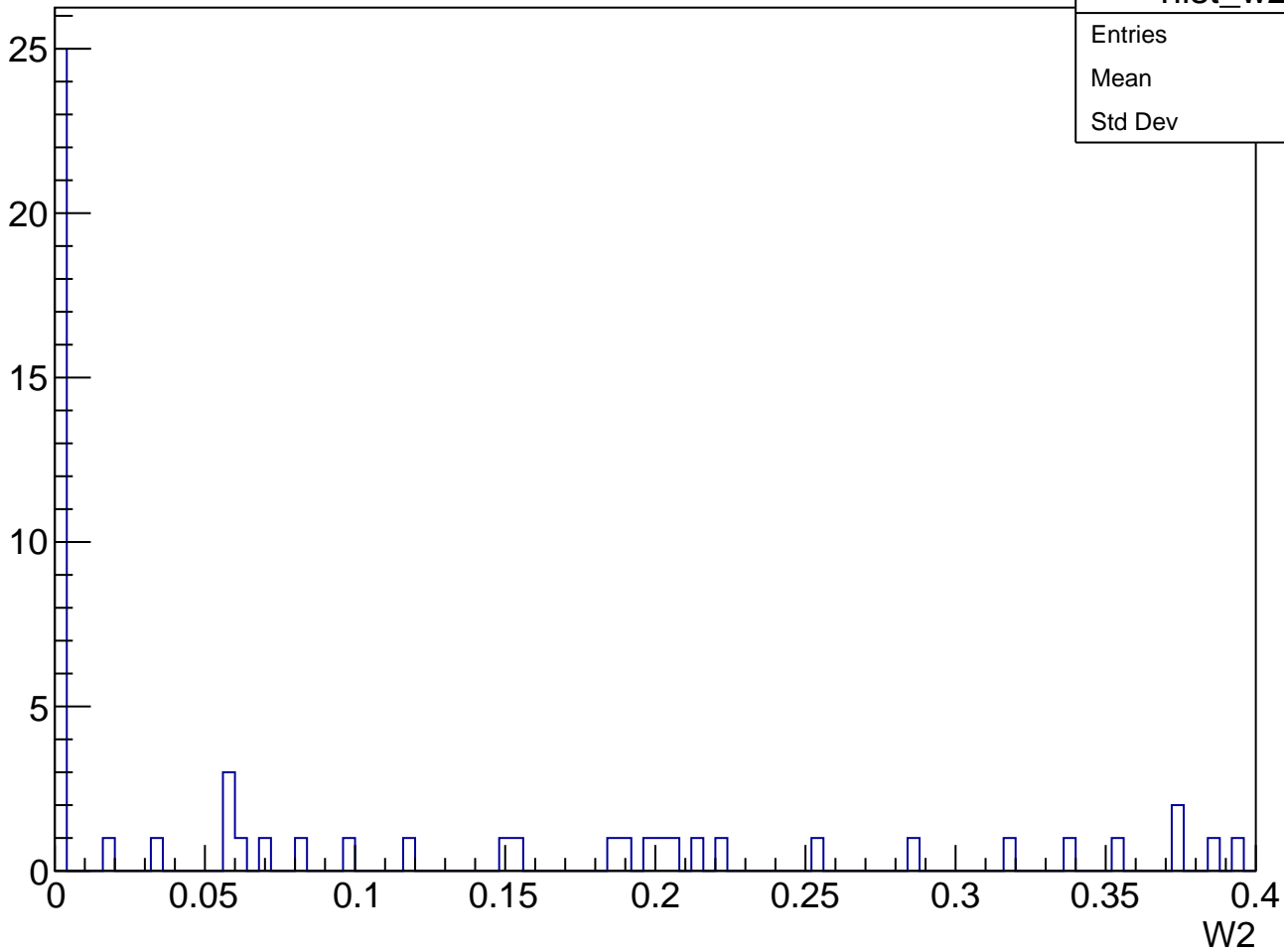
Counts



H.gtr.th

Run 2908: H.kin.W2

Counts

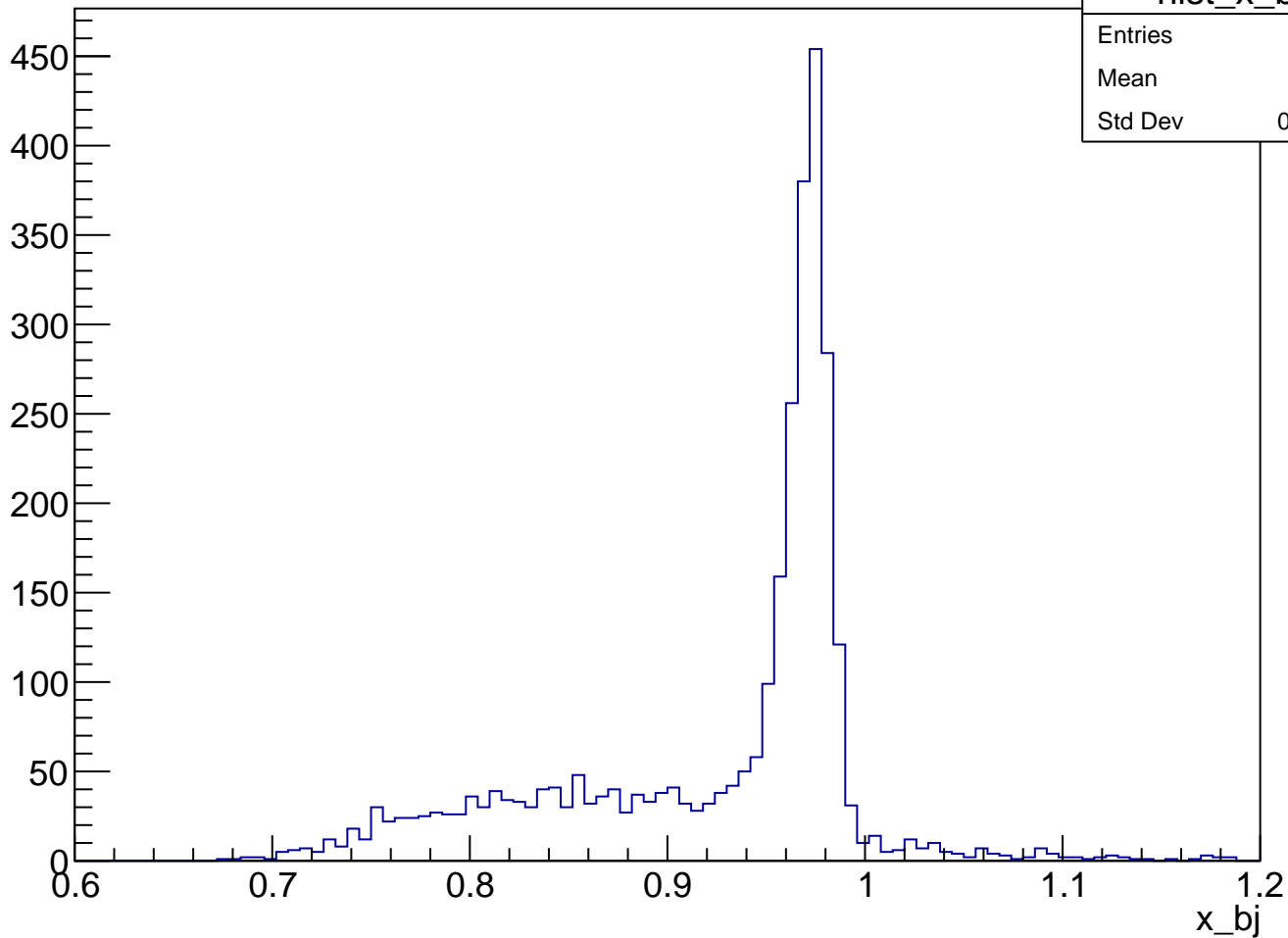


hist_w2

Entries	6395
Mean	0.1032
Std Dev	0.13

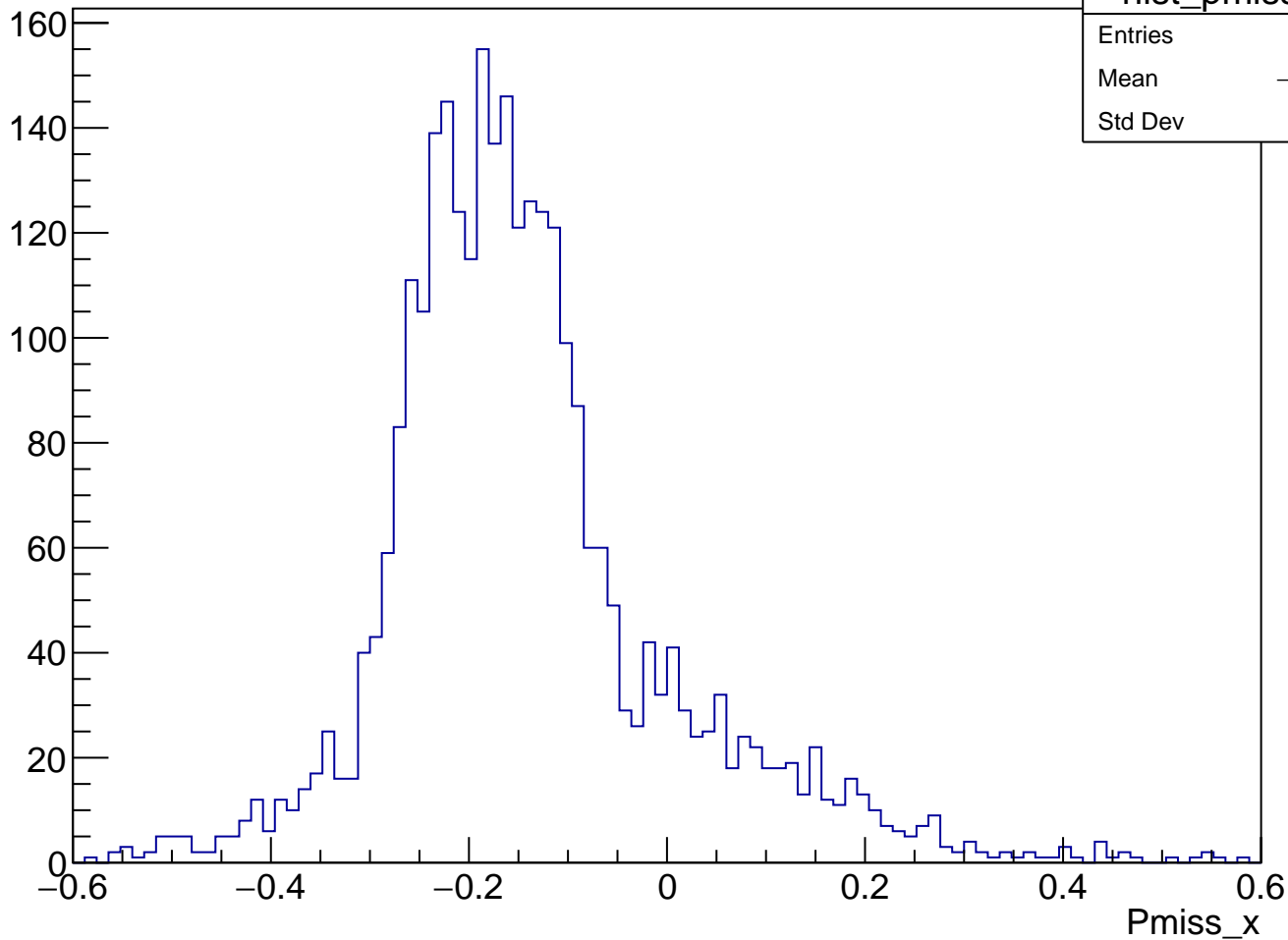
Run 2908: H.kin.x_bj

Counts



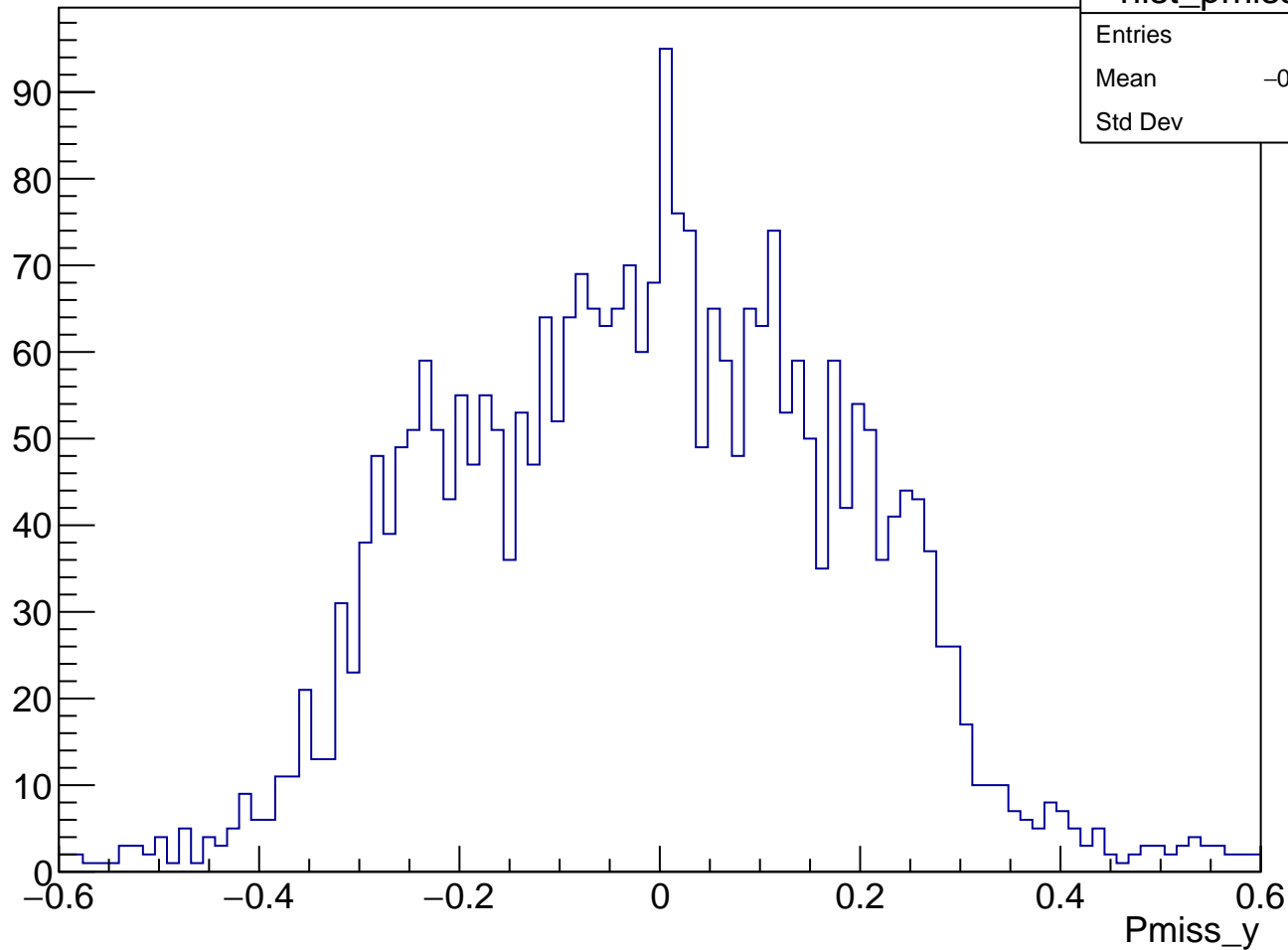
Run 2908: NPS.kin.secondary.pmiss_x

Counts



Run 2908: NPS.kin.secondary.pmiss_y

Counts



hist_pmiss_y

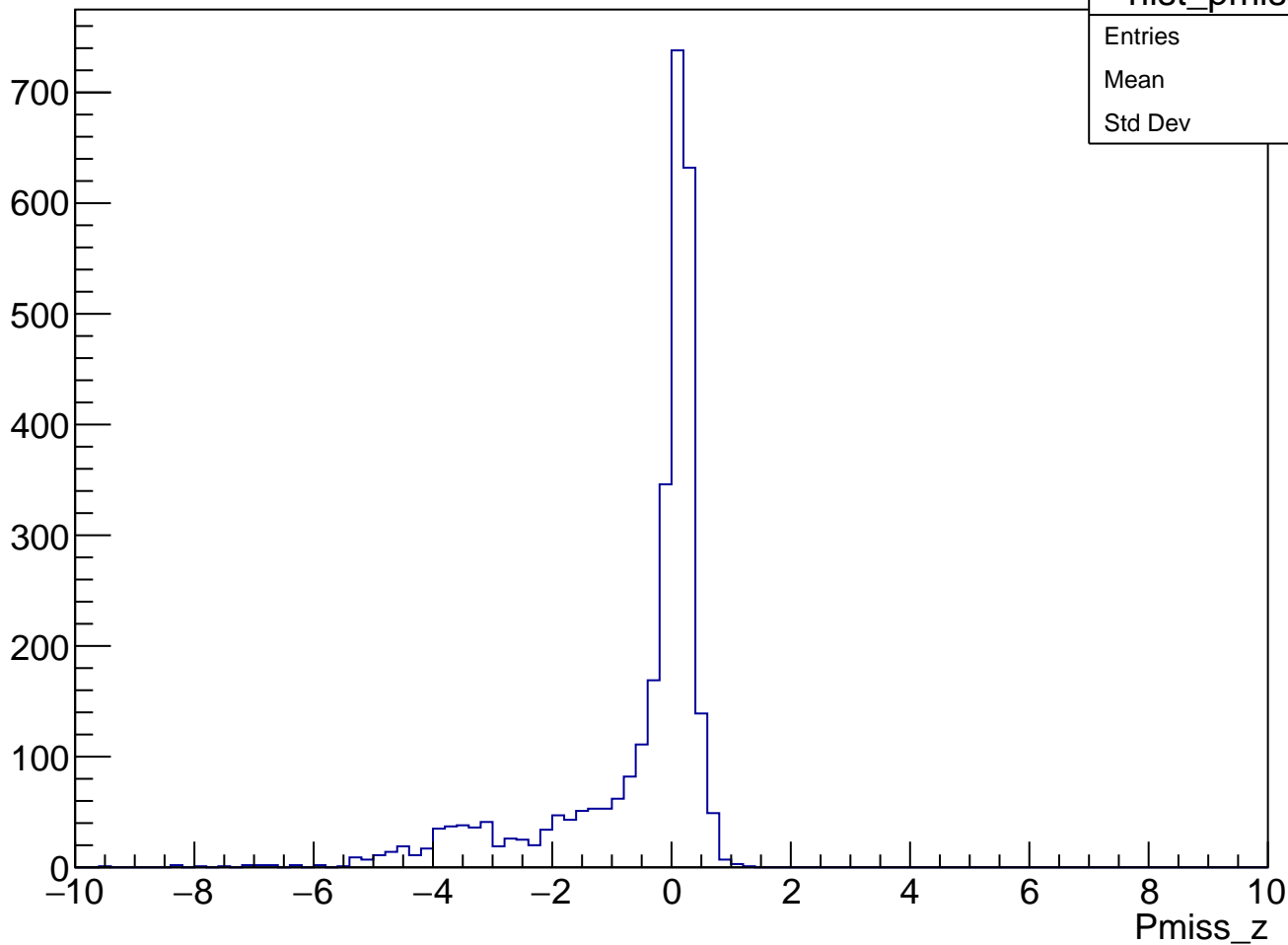
Entries 6395

Mean -0.01229

Std Dev 0.1955

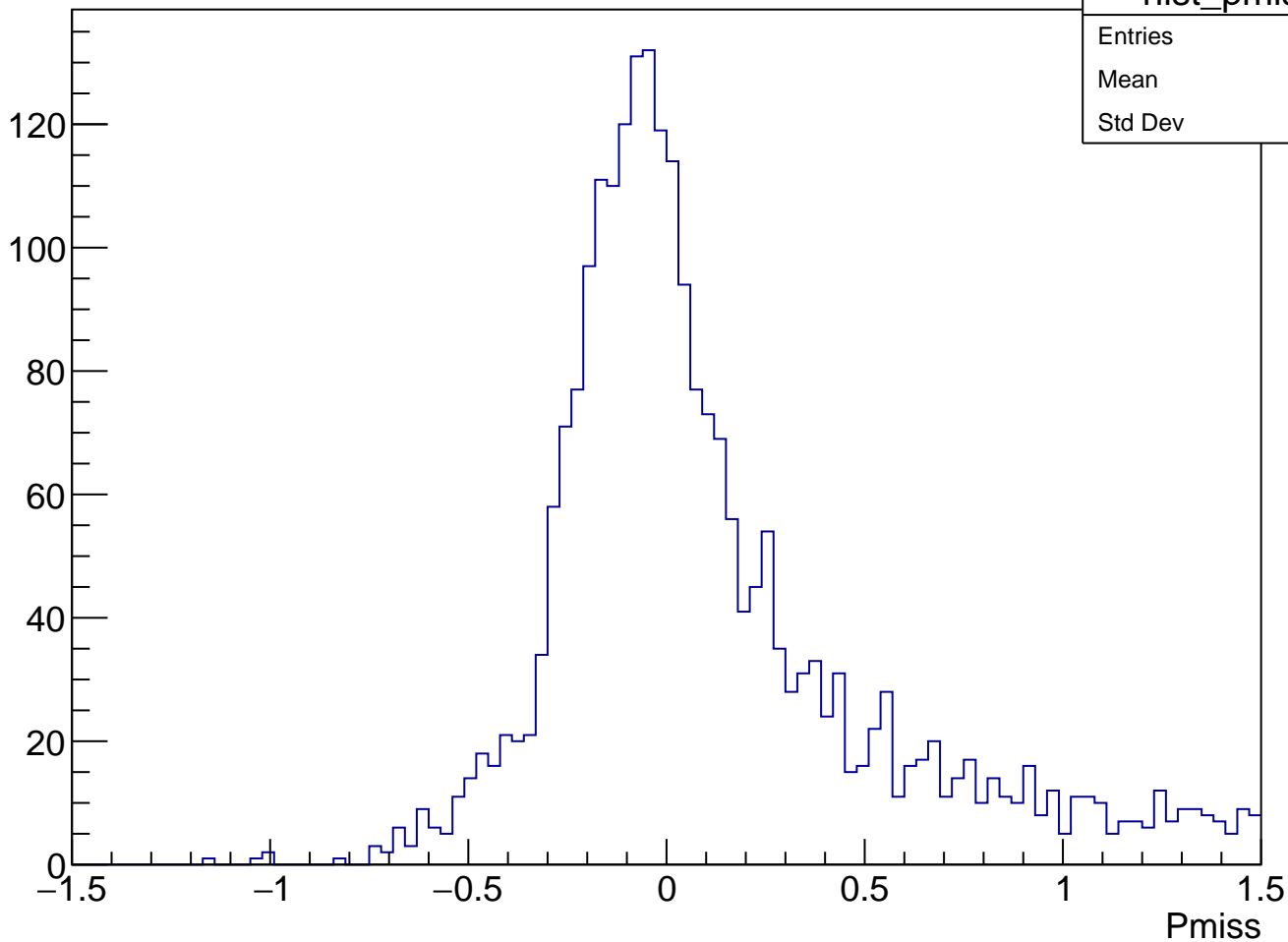
Run 2908: NPS.kin.secondary.pmiss_z

Counts



Run 2908: NPS.kin.secondary.pmiss

Counts



Run 2908: NPS.kin.secondary.emiss

Counts

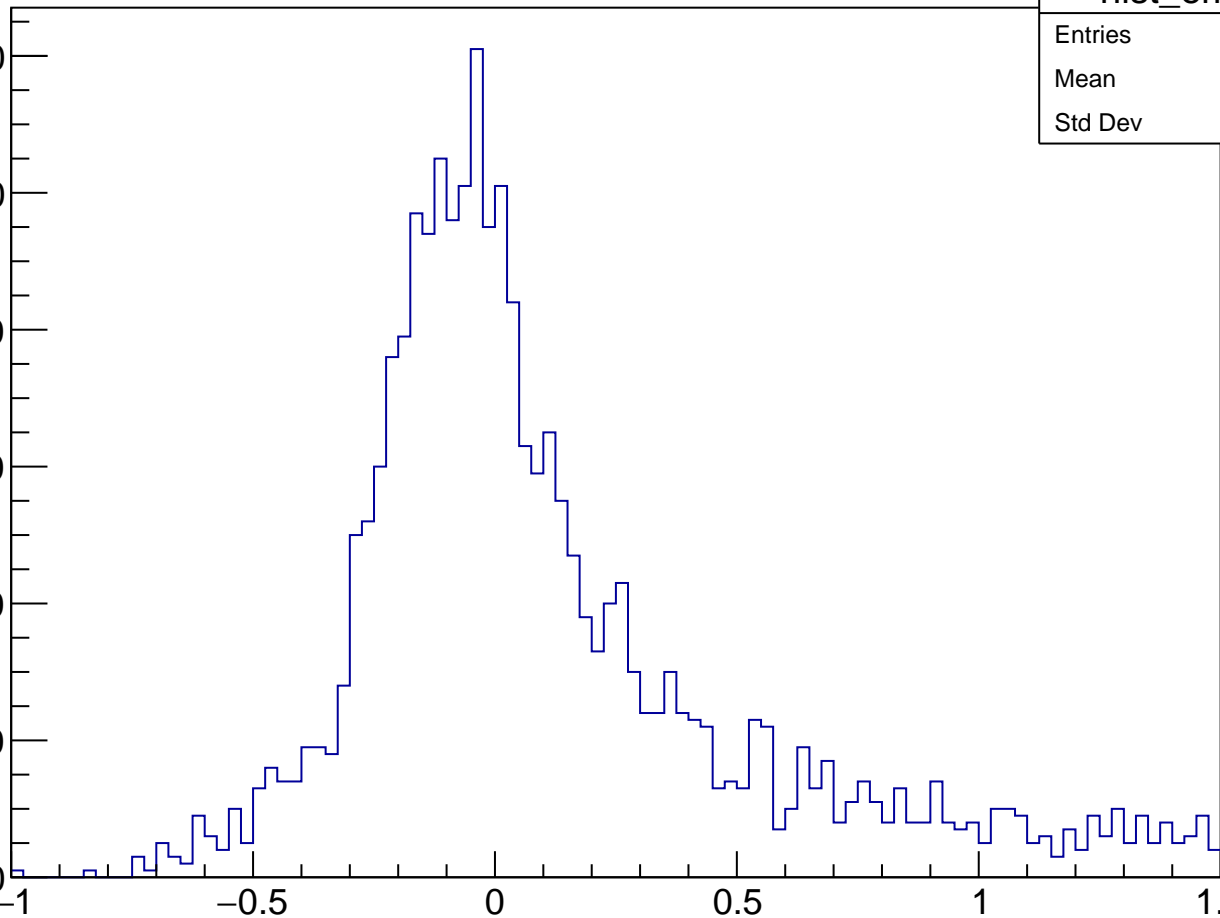
120
100
80
60
40
20
0

-1 -0.5 0 0.5 1 1.5

Emiss

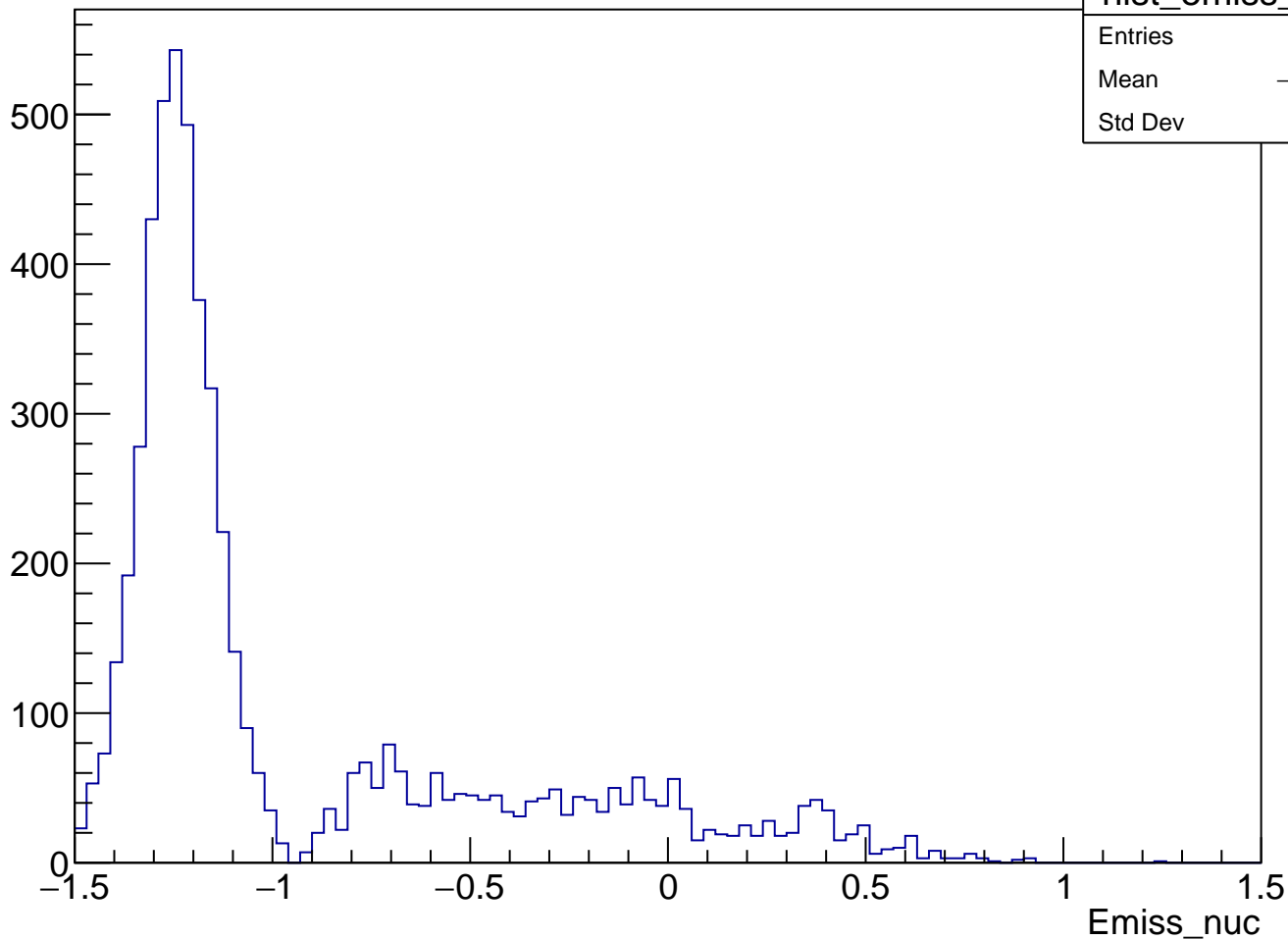
hist_emiss

Entries	6395
Mean	0.111
Std Dev	0.4147



Run 2908: NPS.kin.secondary.emiss_nuc

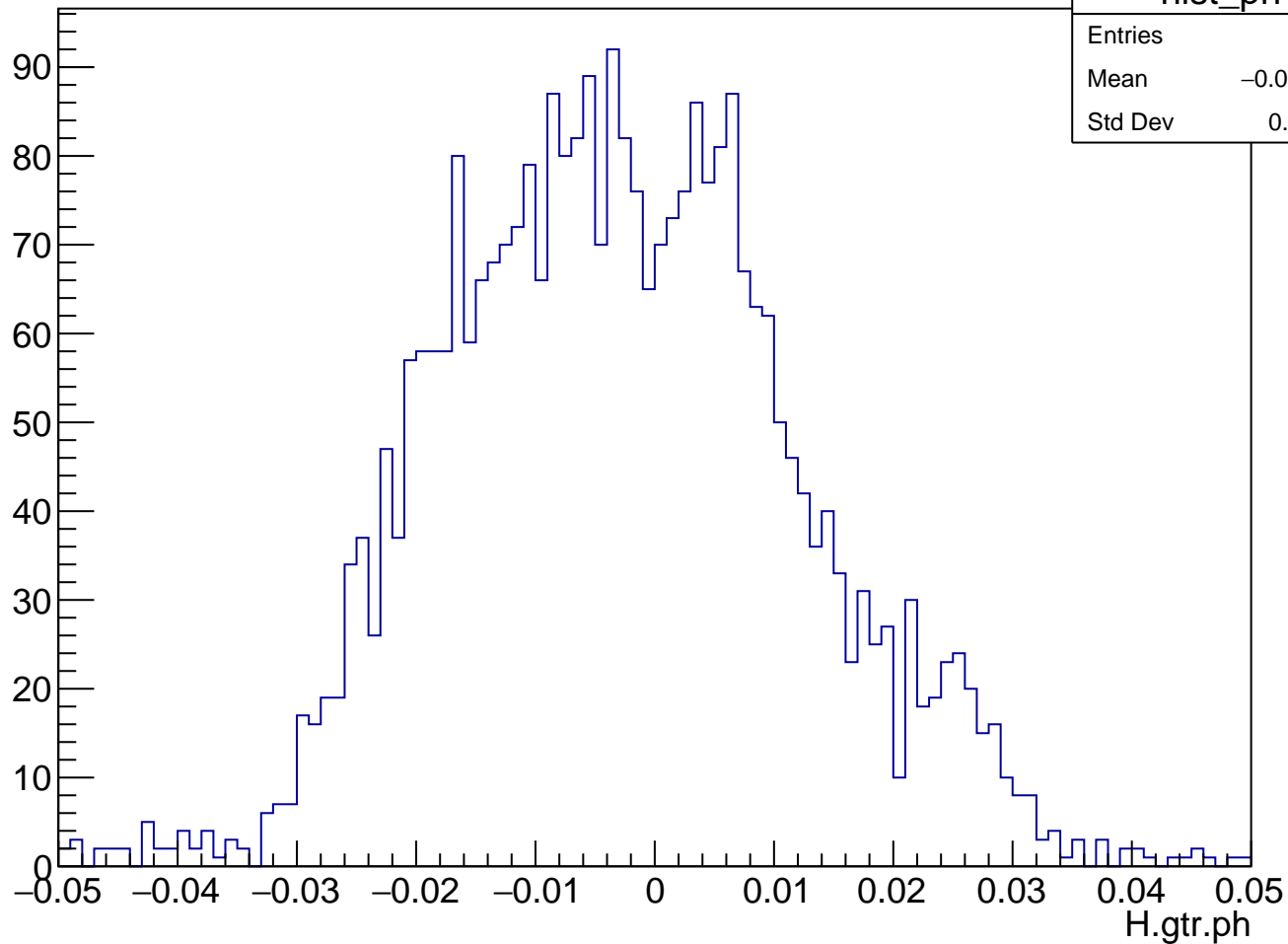
Counts



hist_emiss_nuc	
Entries	6395
Mean	-0.9237
Std Dev	0.5277

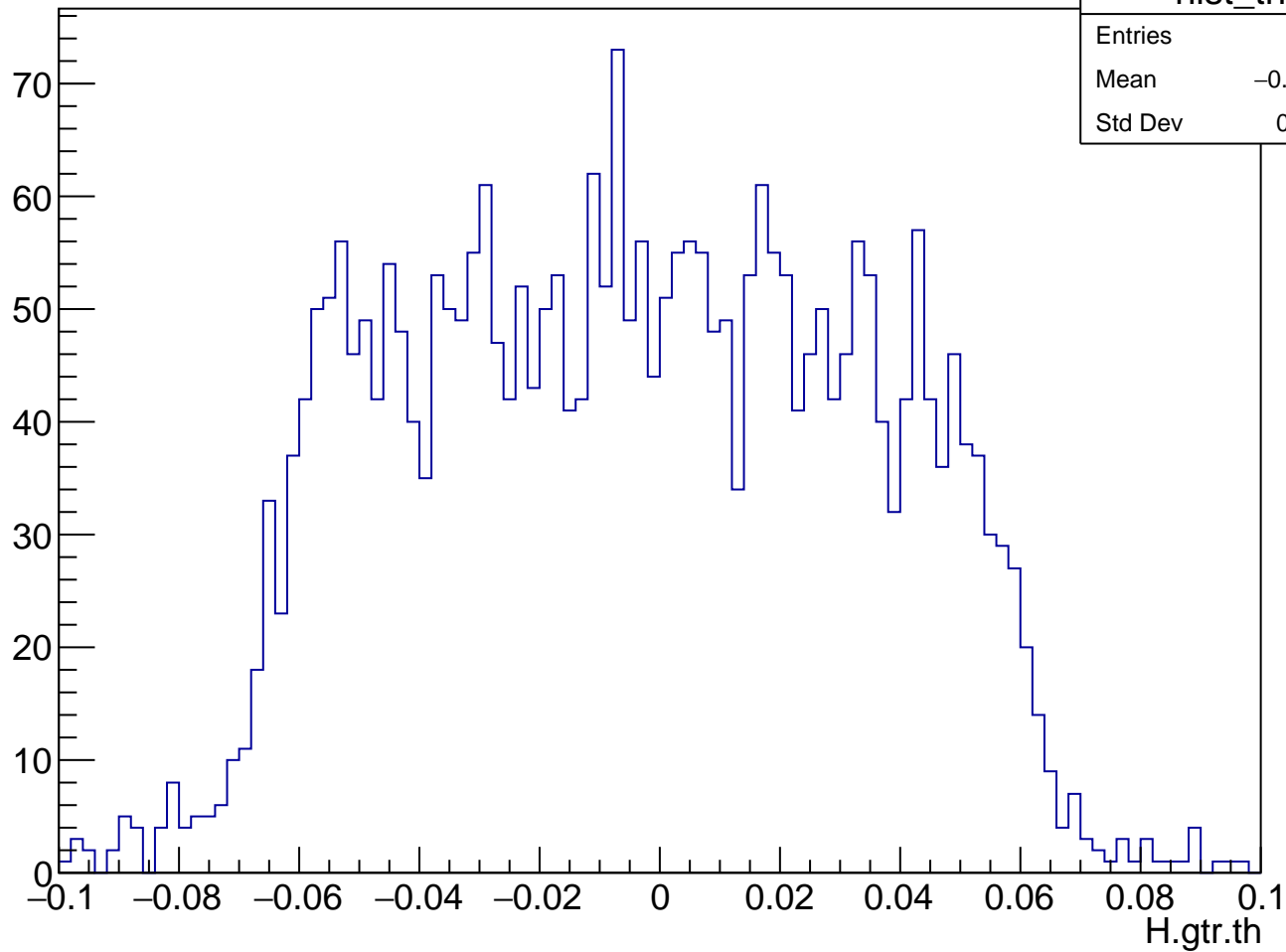
Run 2908: H.gtr.ph

Counts



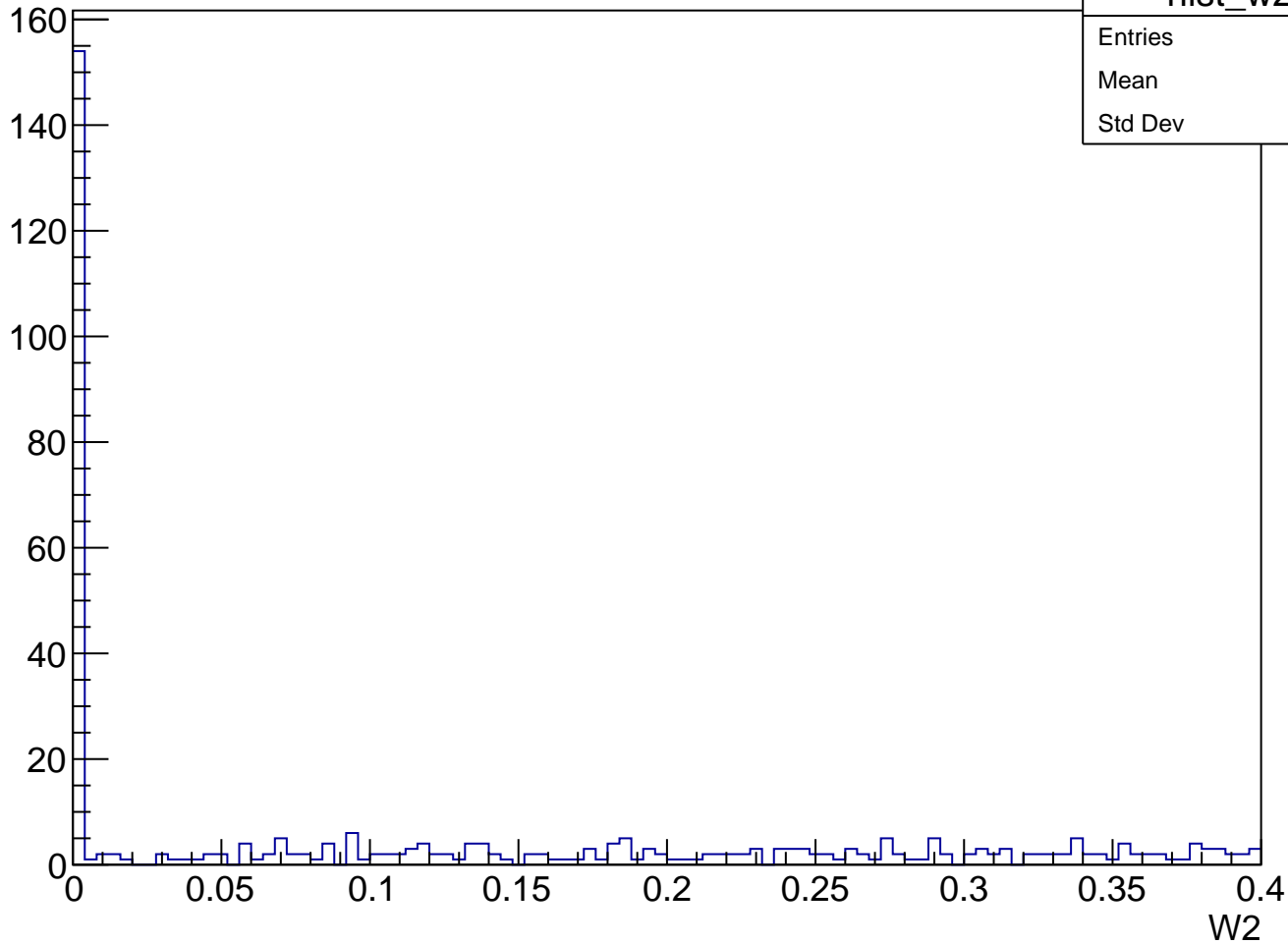
Run 2908: H.gtr.th

Counts

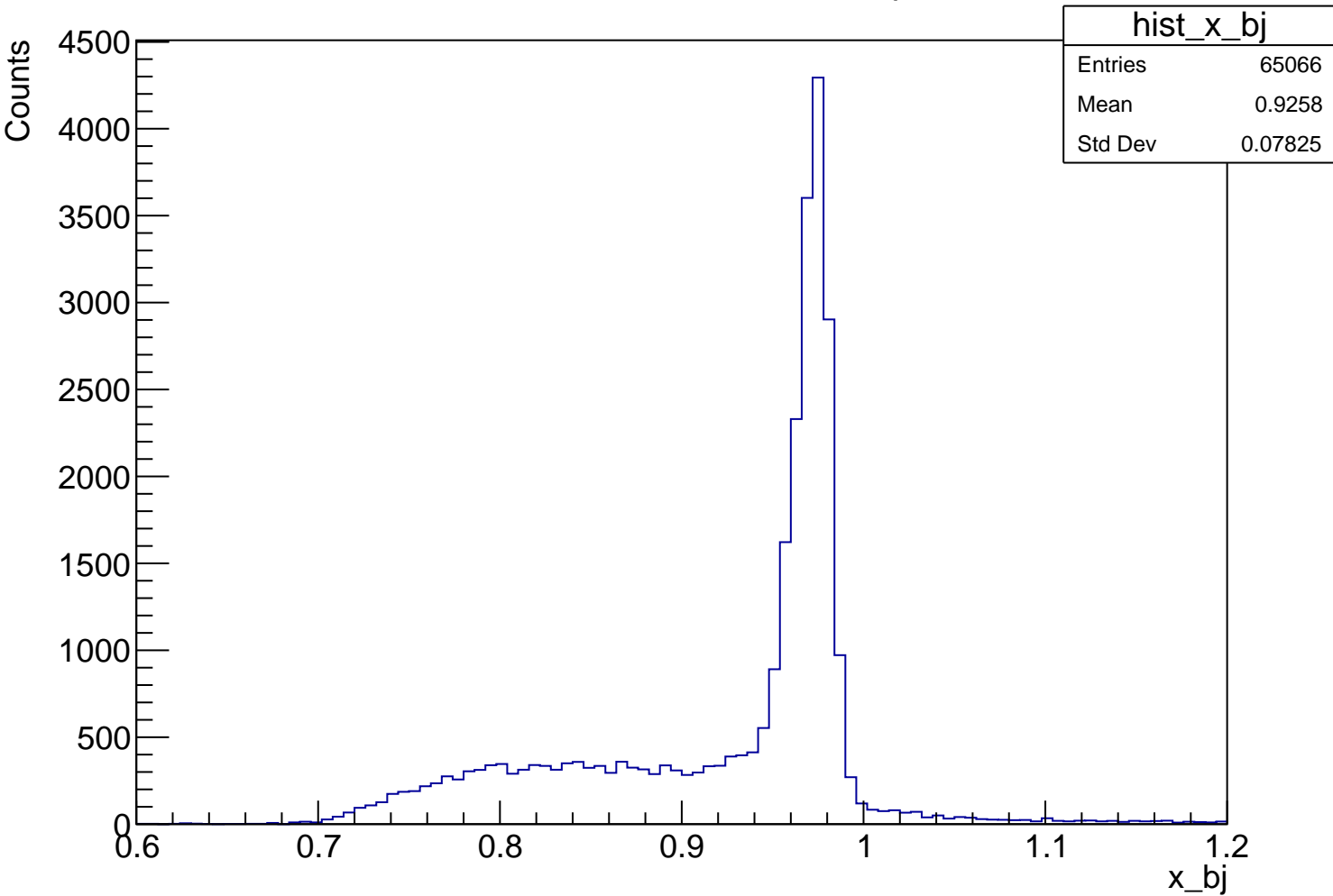


Run 2909: H.kin.W2

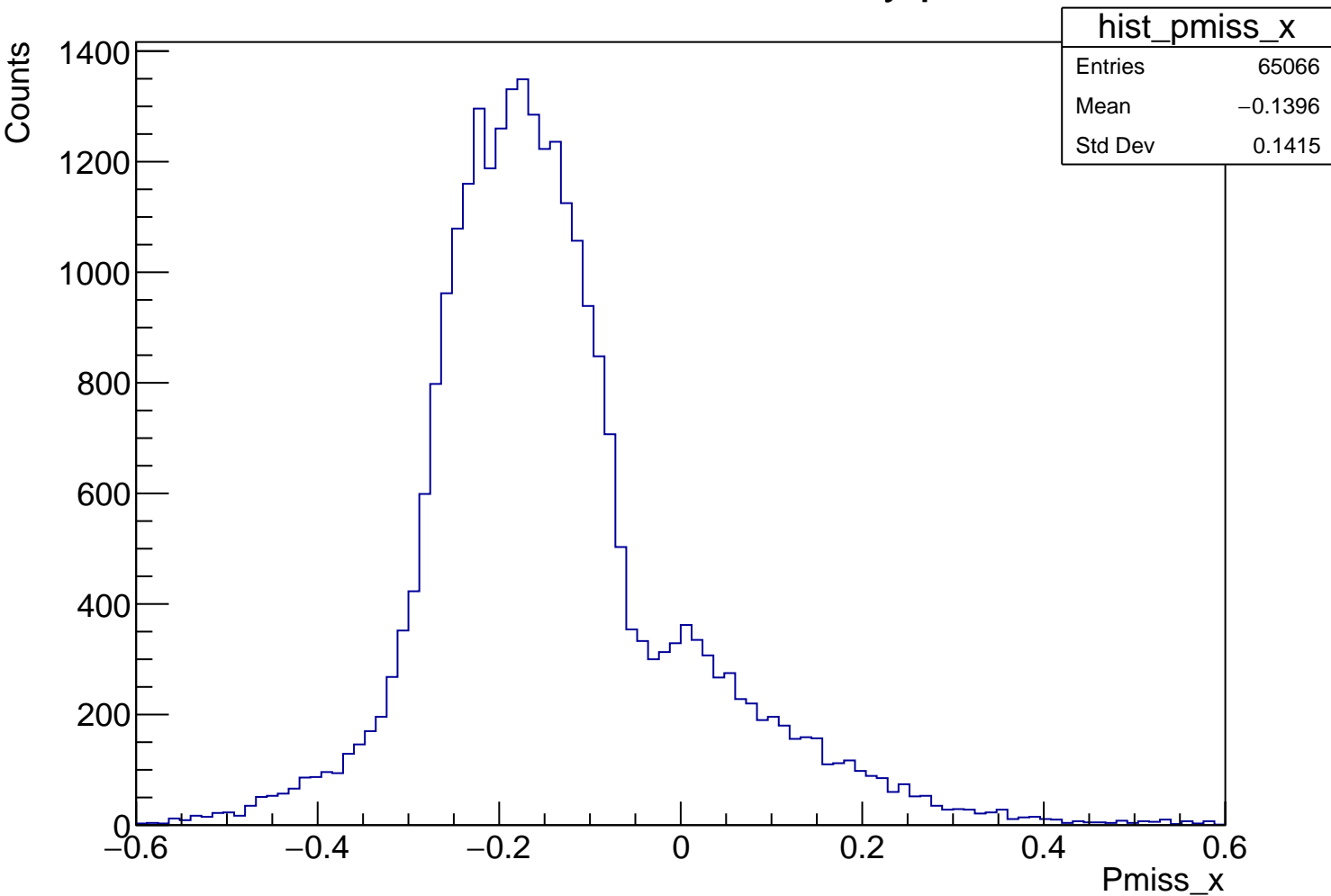
Counts



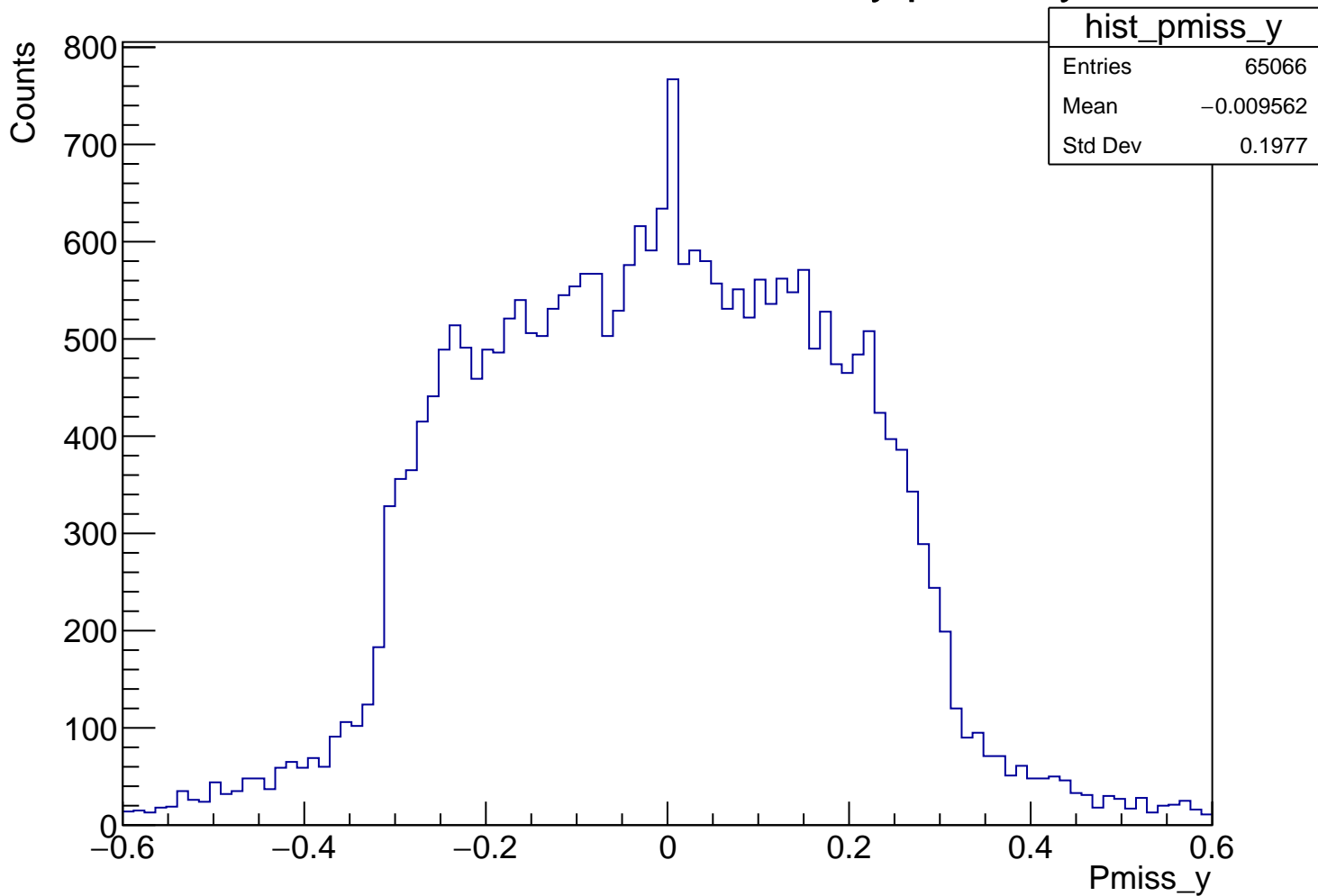
Run 2909: H.kin.x_bj



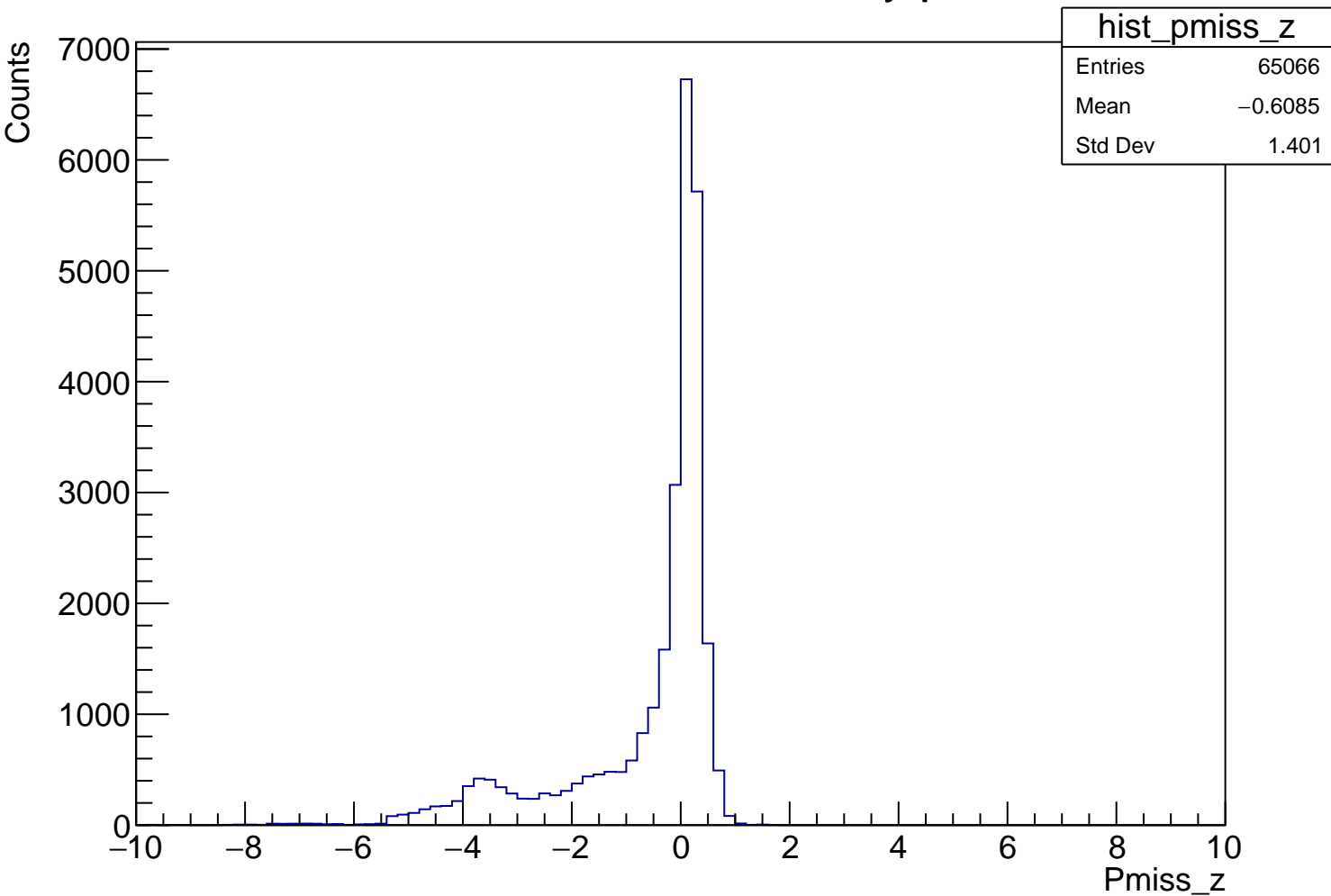
Run 2909: NPS.kin.secondary.pmiss_x



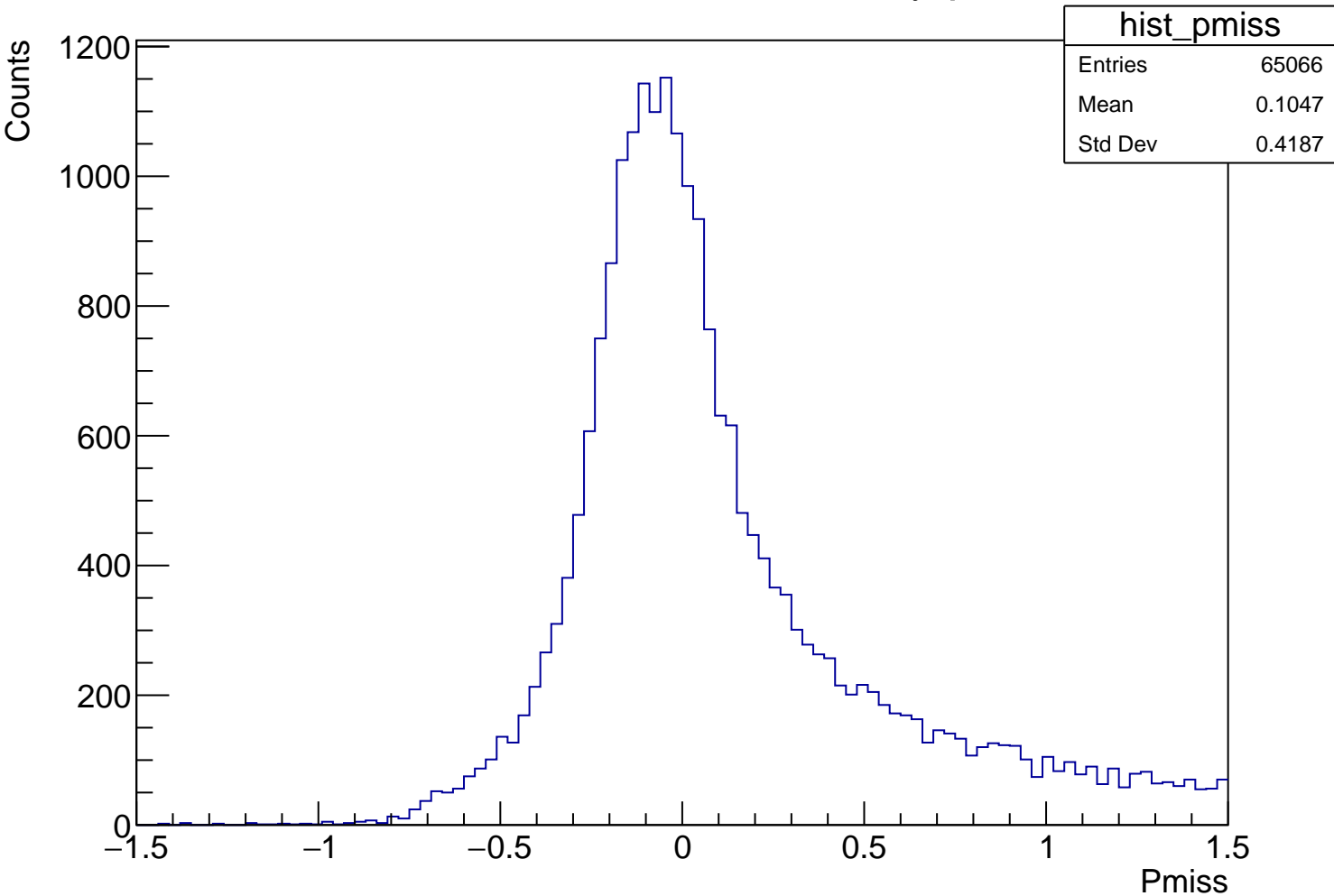
Run 2909: NPS.kin.secondary.pmiss_y



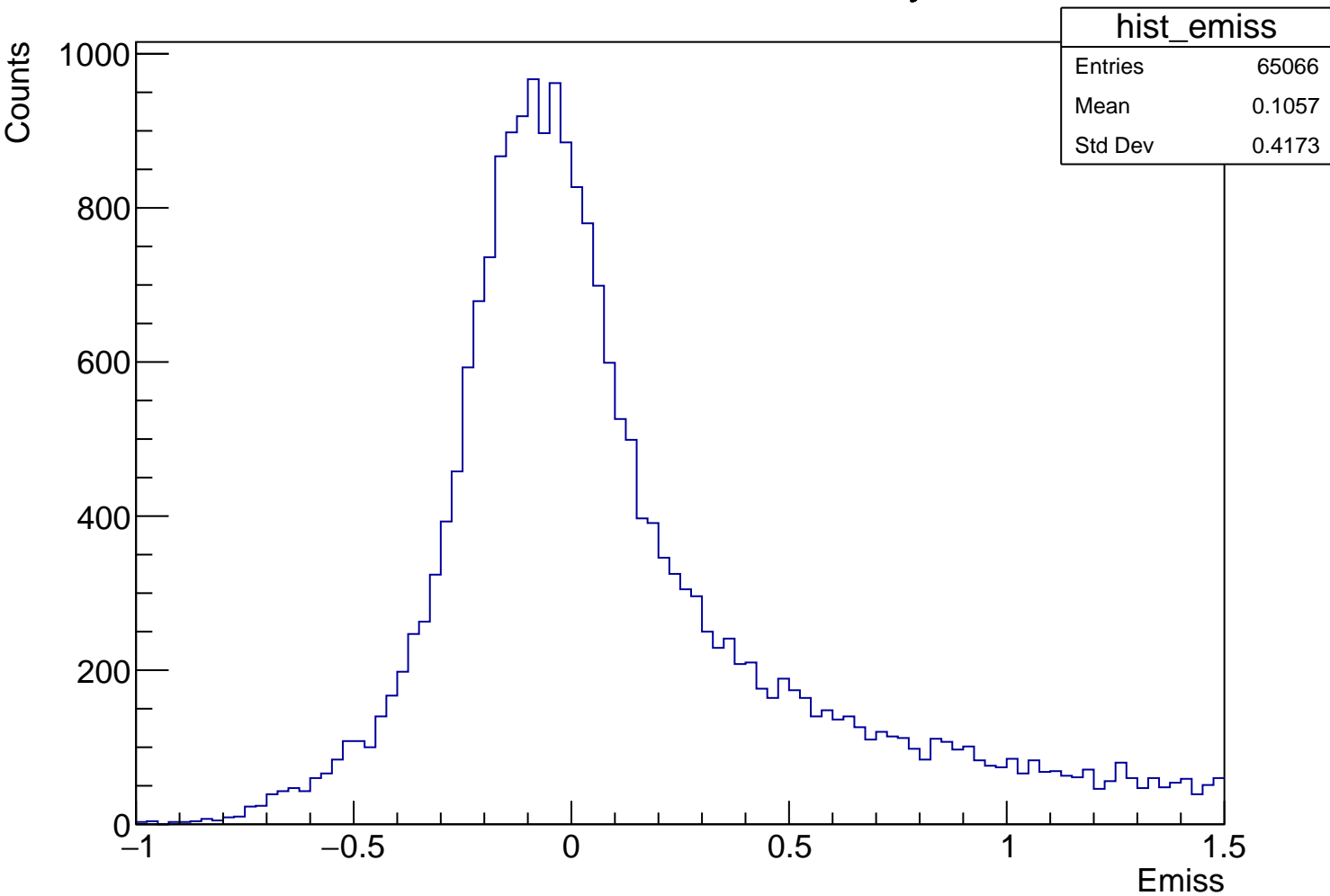
Run 2909: NPS.kin.secondary.pmiss_z



Run 2909: NPS.kin.secondary.pmiss

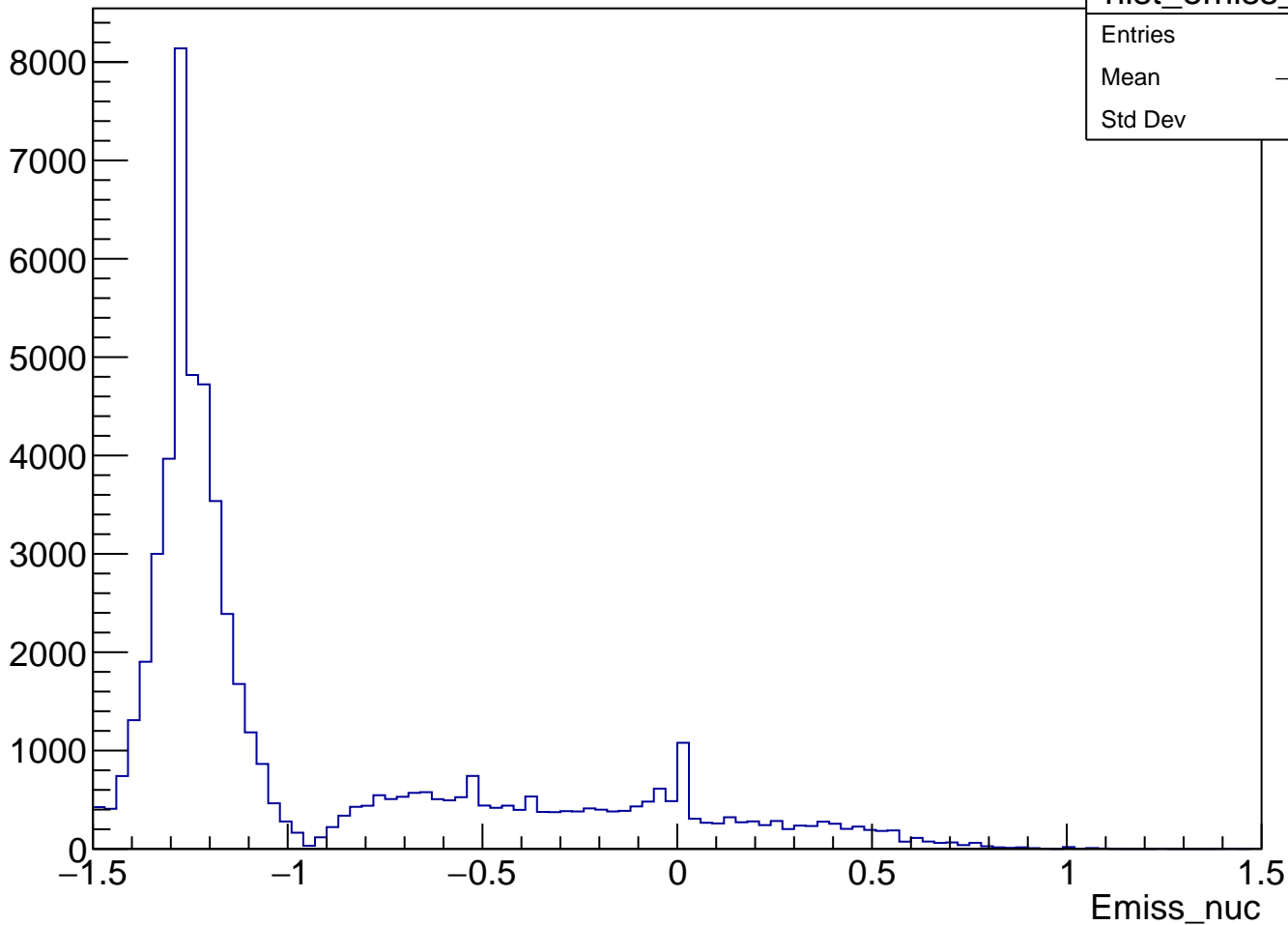


Run 2909: NPS.kin.secondary.emiss



Run 2909: NPS.kin.secondary.emiss_nuc

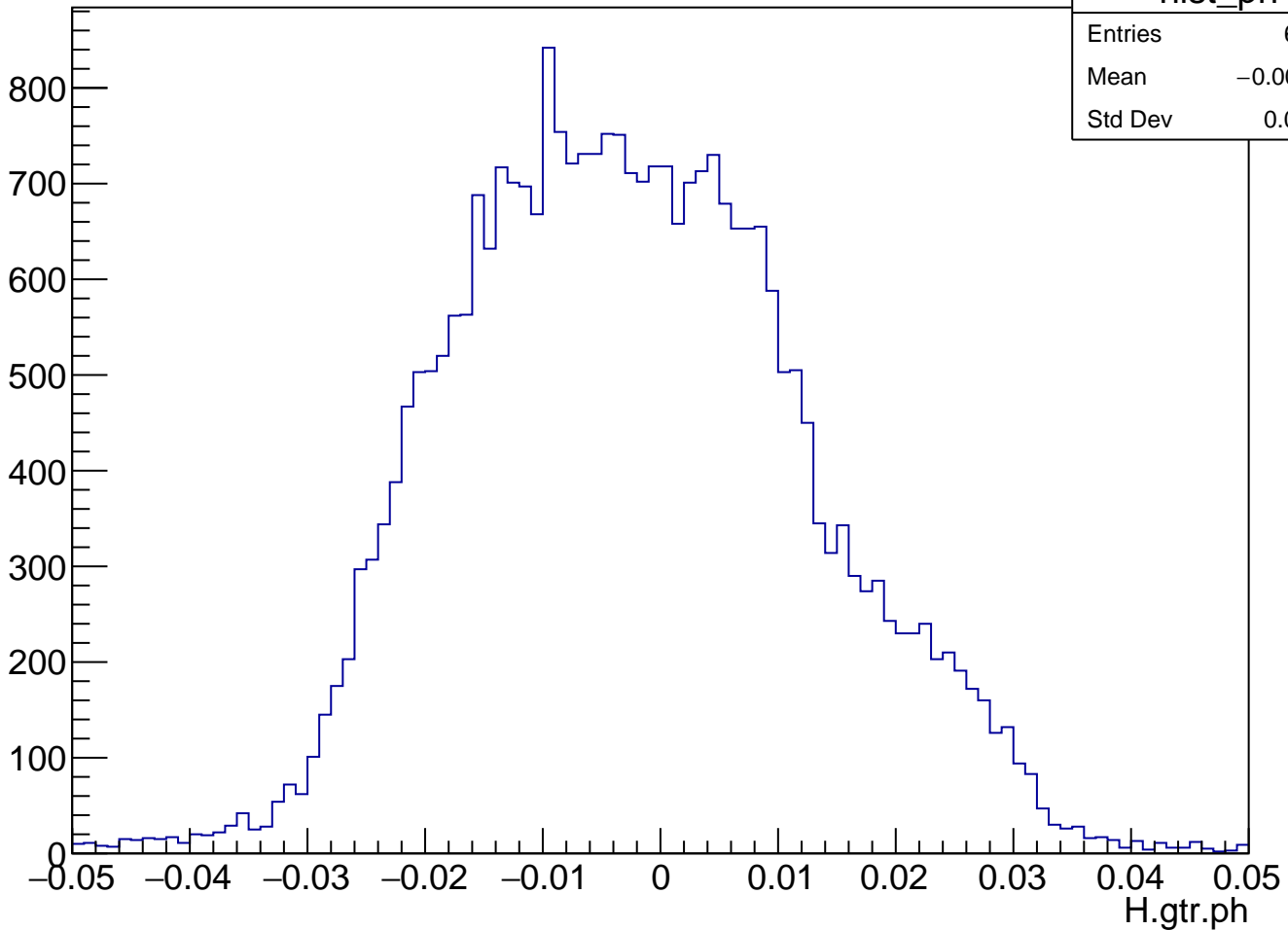
Counts



hist_emiss_nuc	
Entries	65066
Mean	-0.9102
Std Dev	0.5422

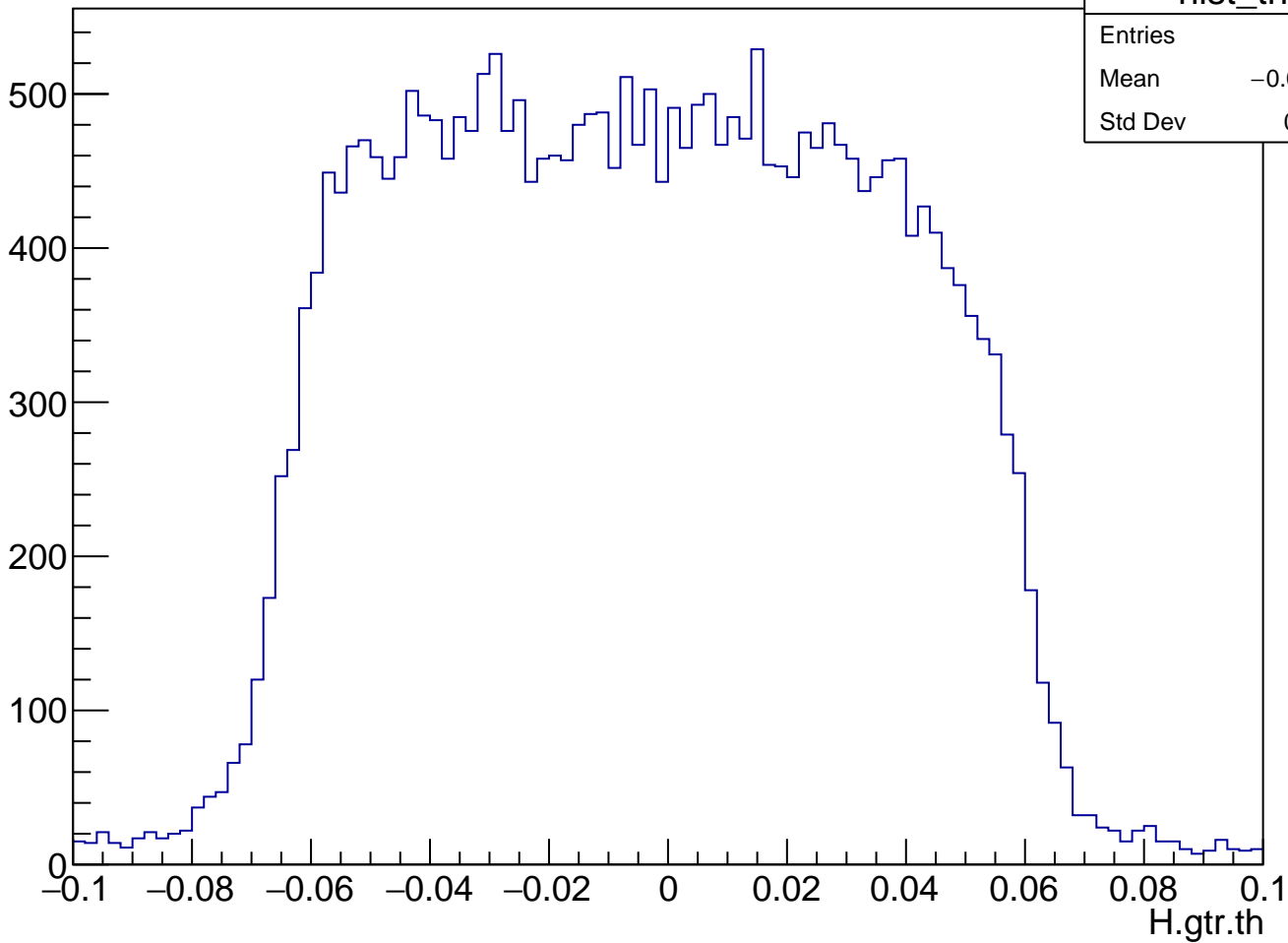
Run 2909: H.gtr.ph

Counts



Run 2909: H.gtr.th

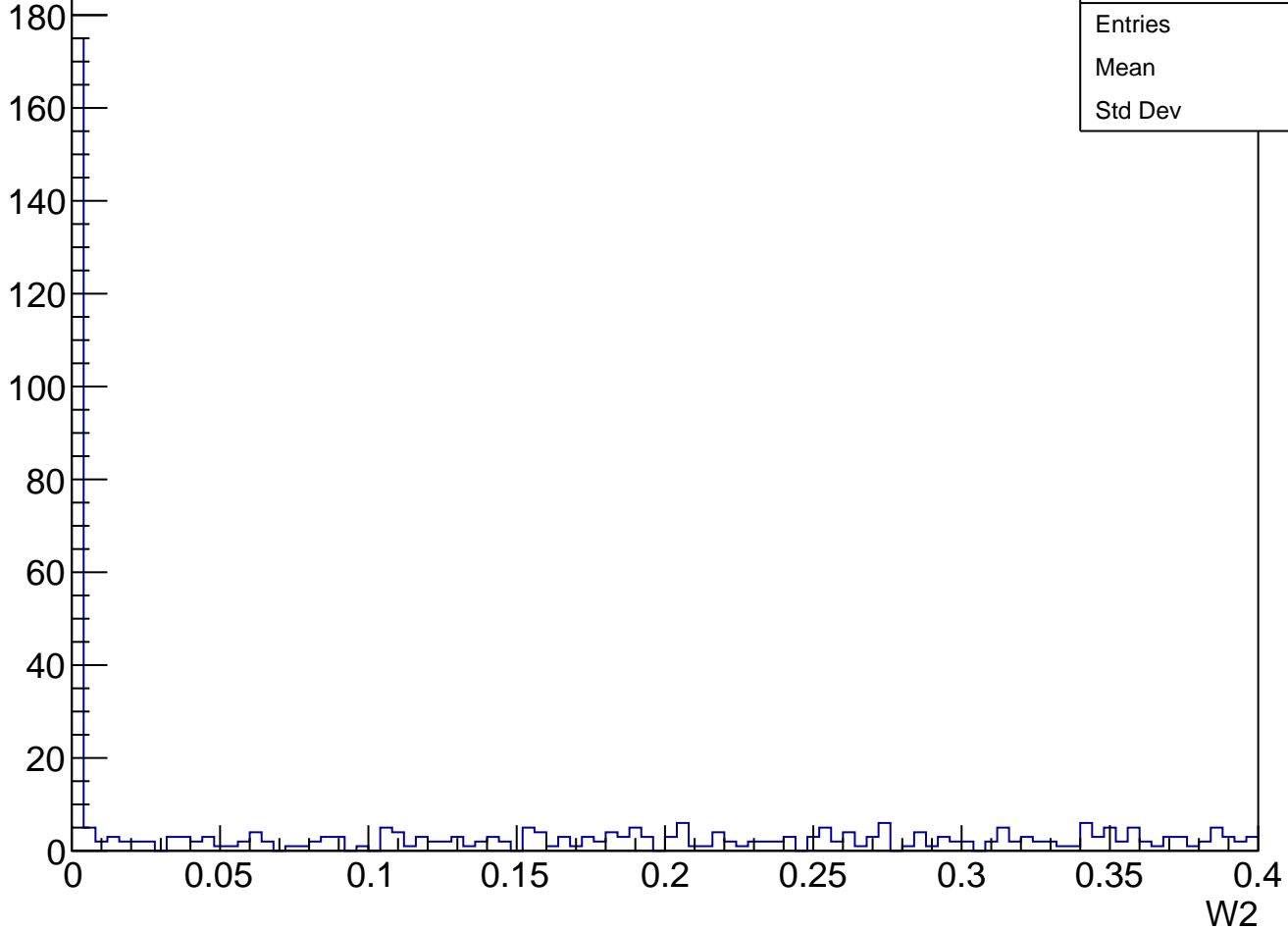
Counts



H.gtr.th

Run 2910: H.kin.W2

Counts



Run 2910: H.kin.x_bj

Counts

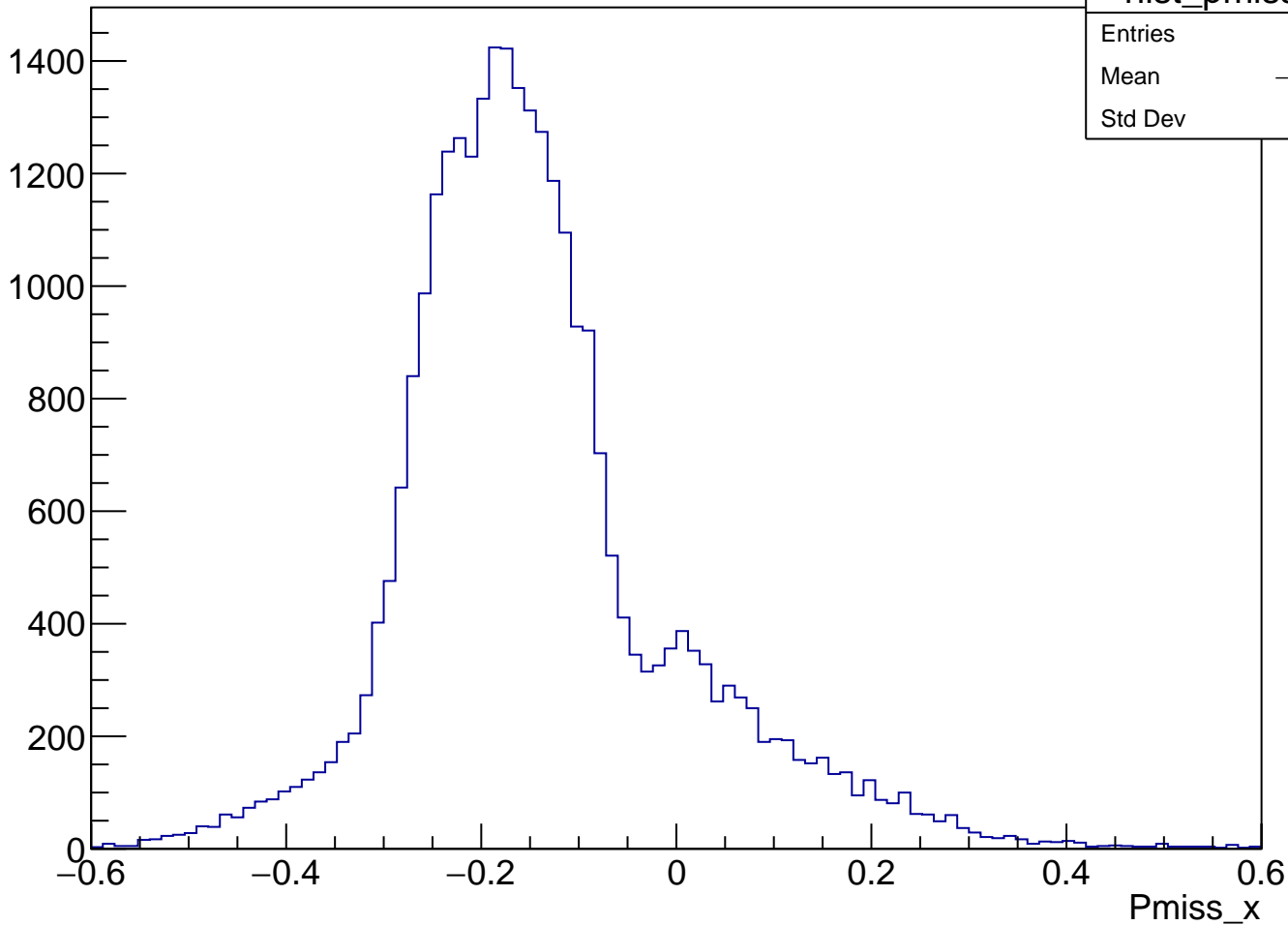
4500
4000
3500
3000
2500
2000
1500
1000
500
0

hist_x_bj	
Entries	66290
Mean	0.9254
Std Dev	0.07912

x_bj

Run 2910: NPS.kin.secondary.pmiss_x

Counts



hist_pmiss_x

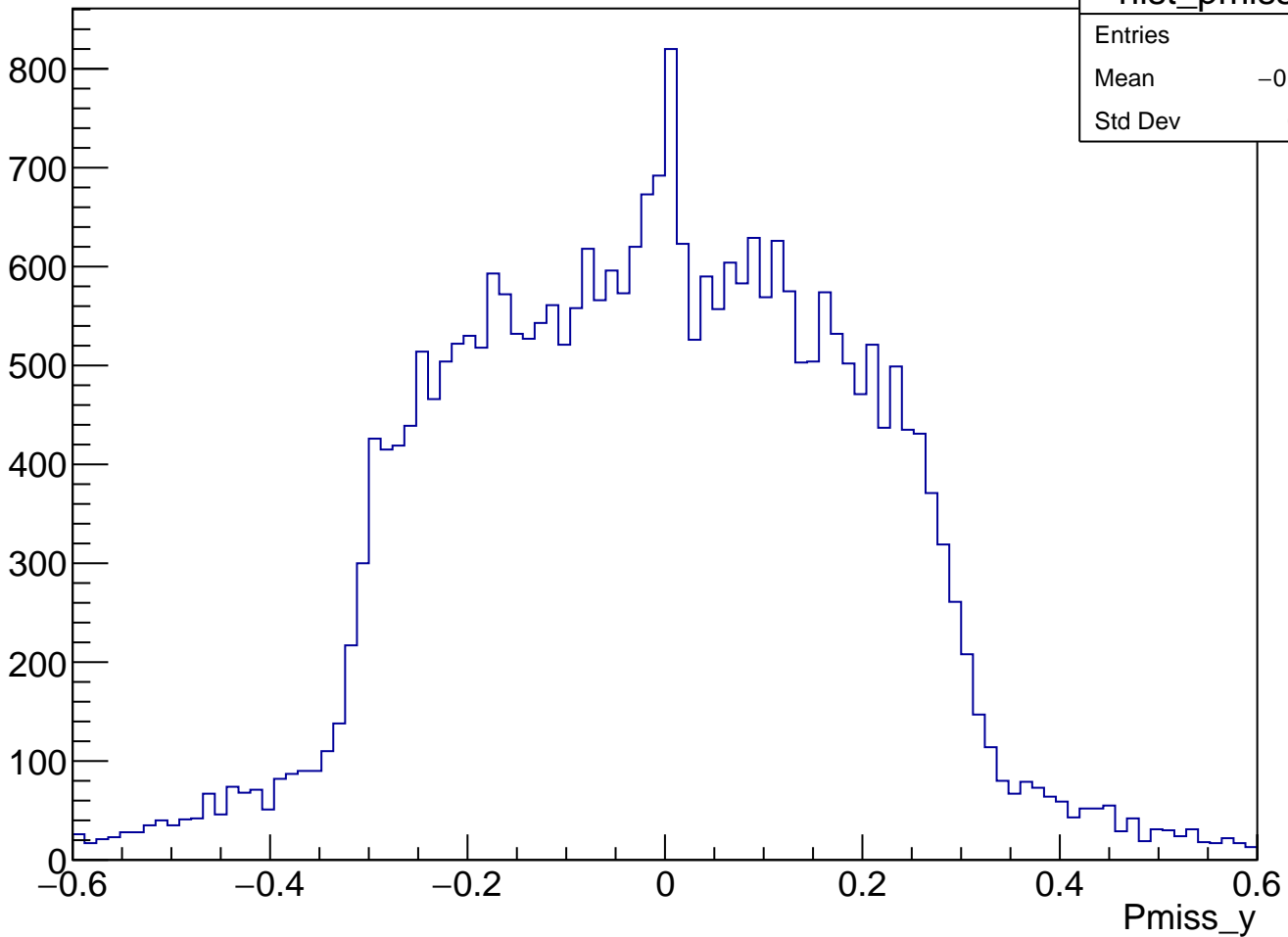
Entries 66290

Mean -0.1412

Std Dev 0.142

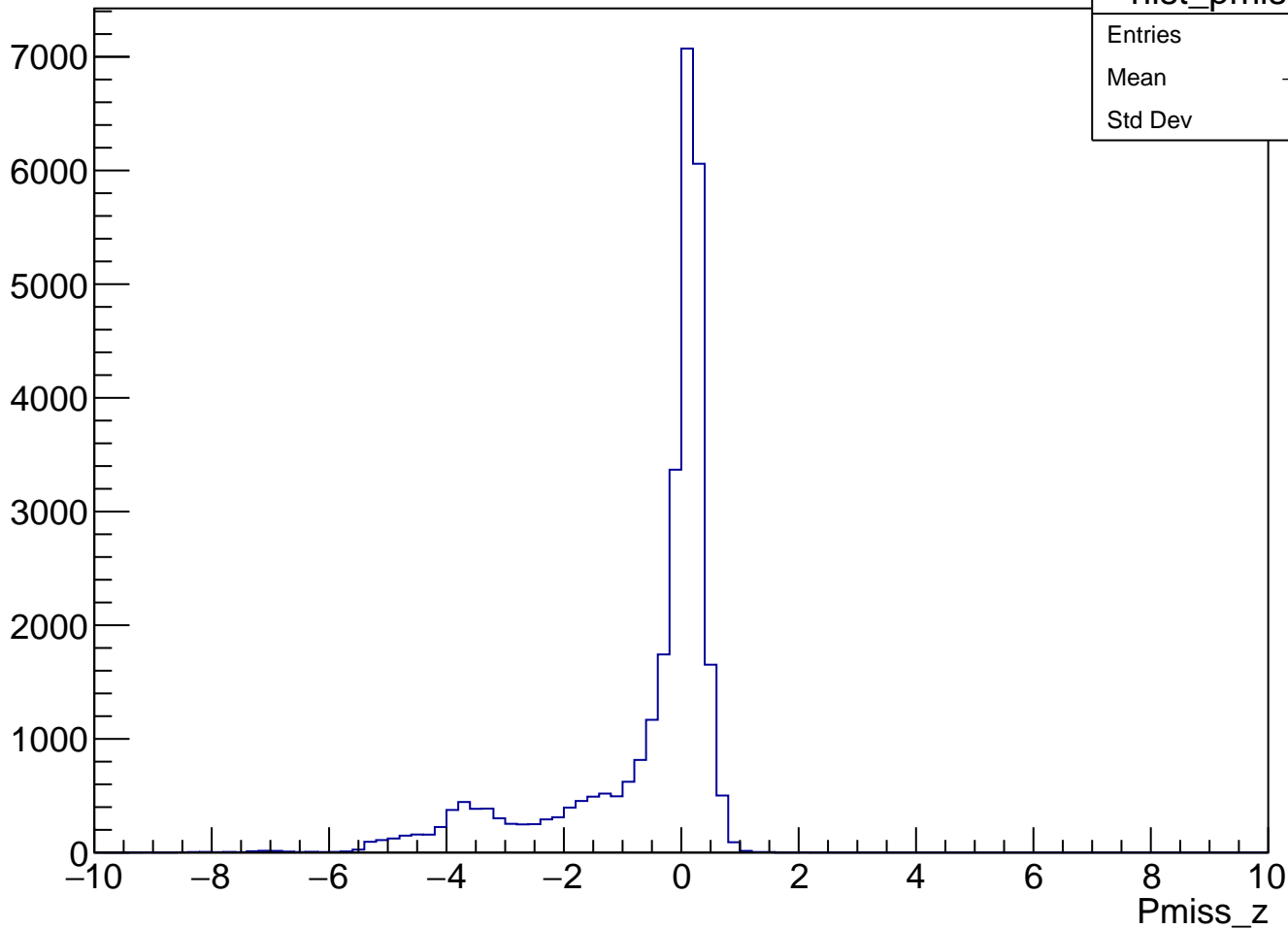
Run 2910: NPS.kin.secondary.pmiss_y

Counts



Run 2910: NPS.kin.secondary.pmiss_z

Counts



hist_pmiss_z

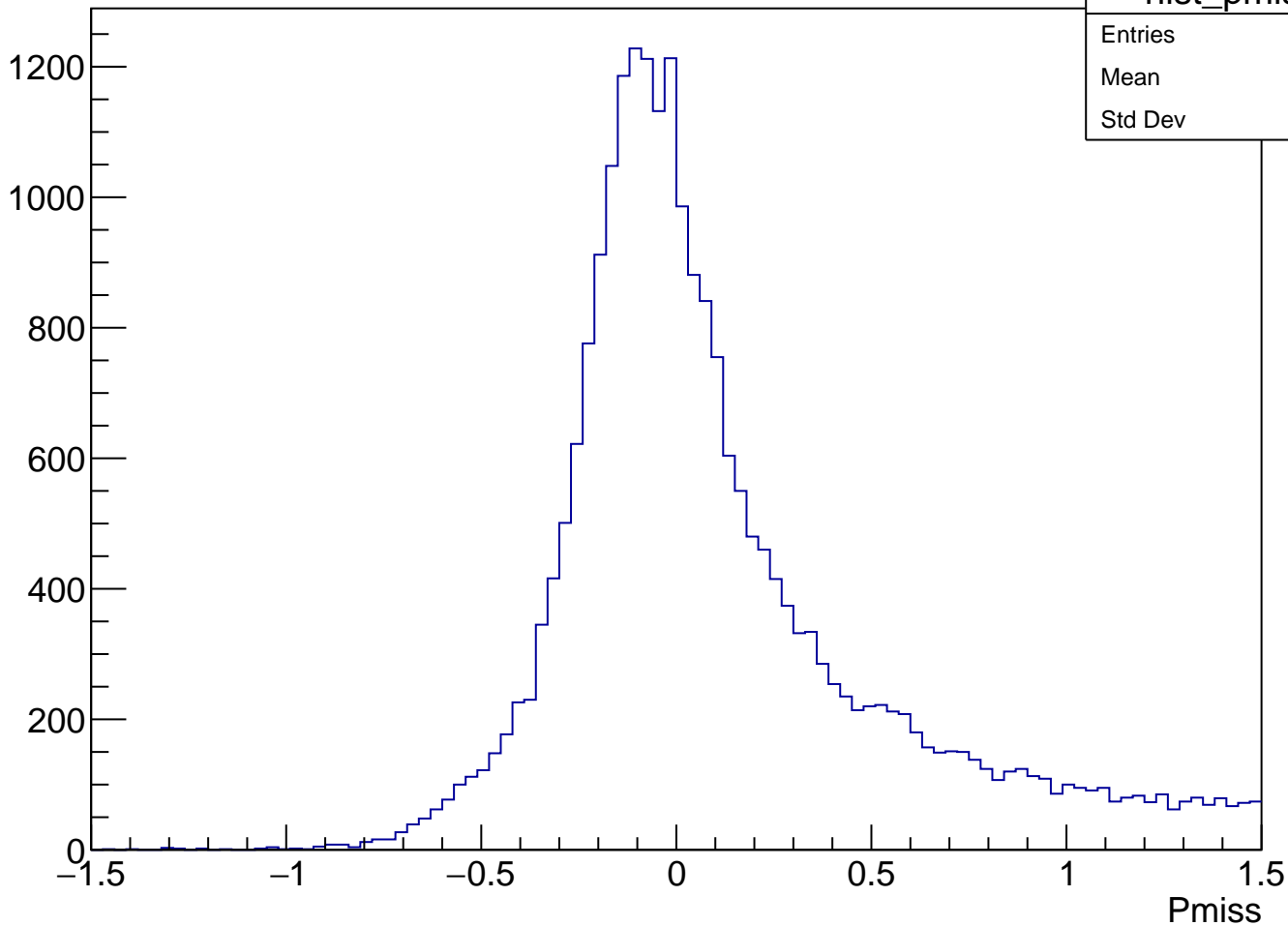
Entries 66290

Mean -0.5986

Std Dev 1.387

Run 2910: NPS.kin.secondary.pmiss

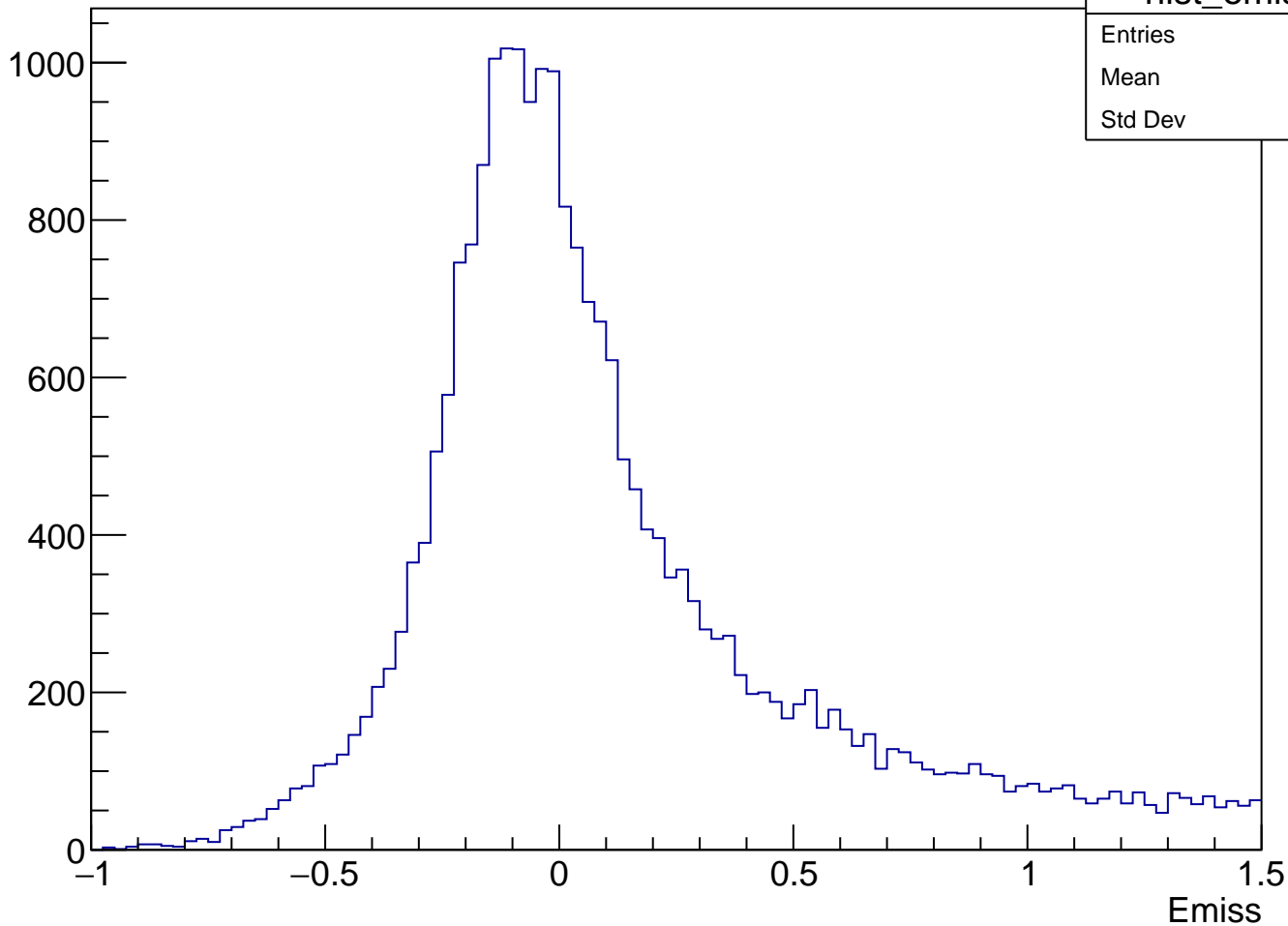
Counts



Pmiss

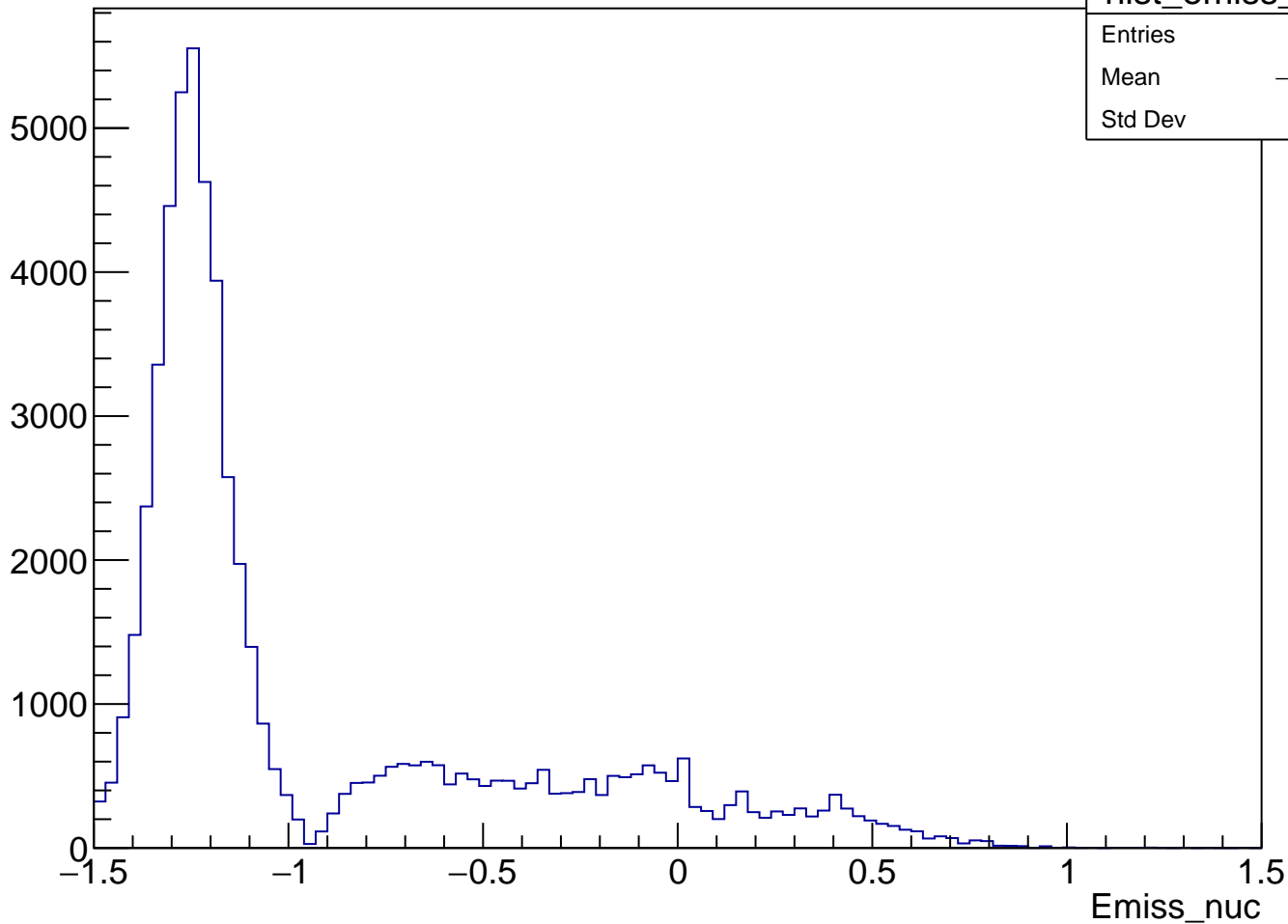
Run 2910: NPS.kin.secondary.emiss

Counts



Run 2910: NPS.kin.secondary.emiss_nuc

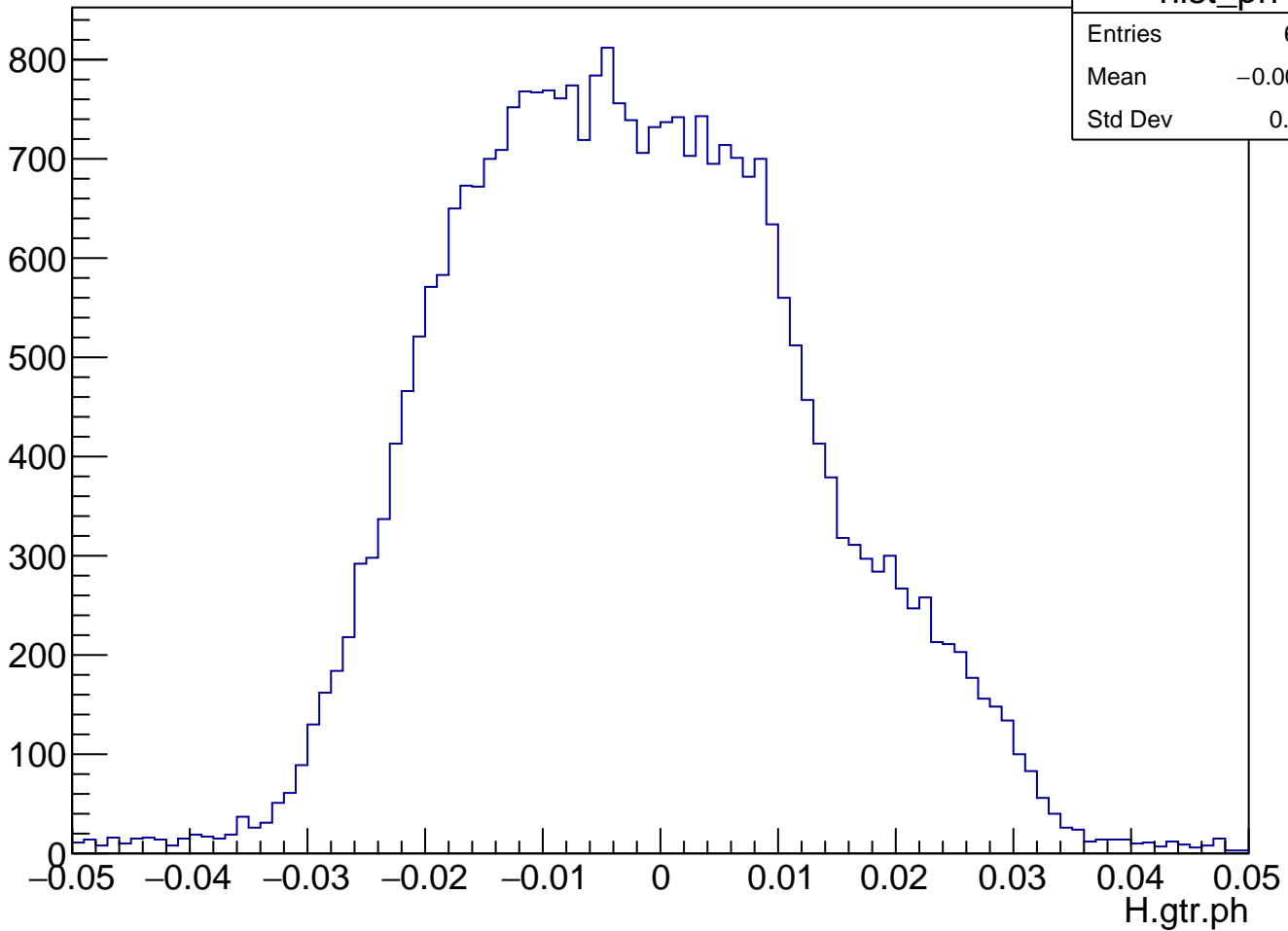
Counts



Emiss_nuc

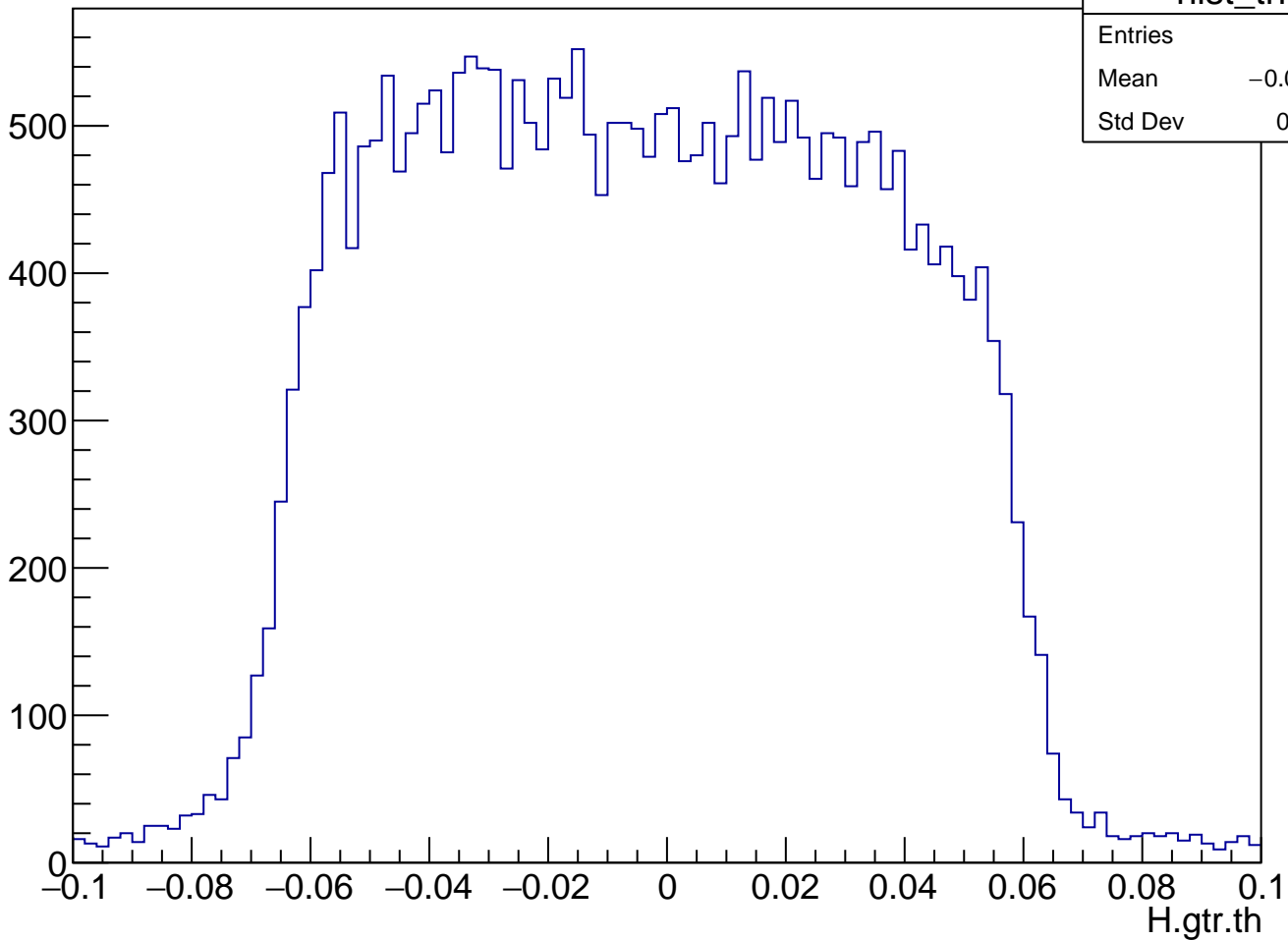
Run 2910: H.gtr.ph

Counts



Run 2910: H.gtr.th

Counts



hist_th

Entries 66290

Mean -0.004179

Std Dev 0.03734

H.gtr.th

Run 2911: H.kin.W2

Counts

120

100

80

60

40

20

0

0

0.05

0.1

0.15

0.2

0.25

0.3

0.35

0.4

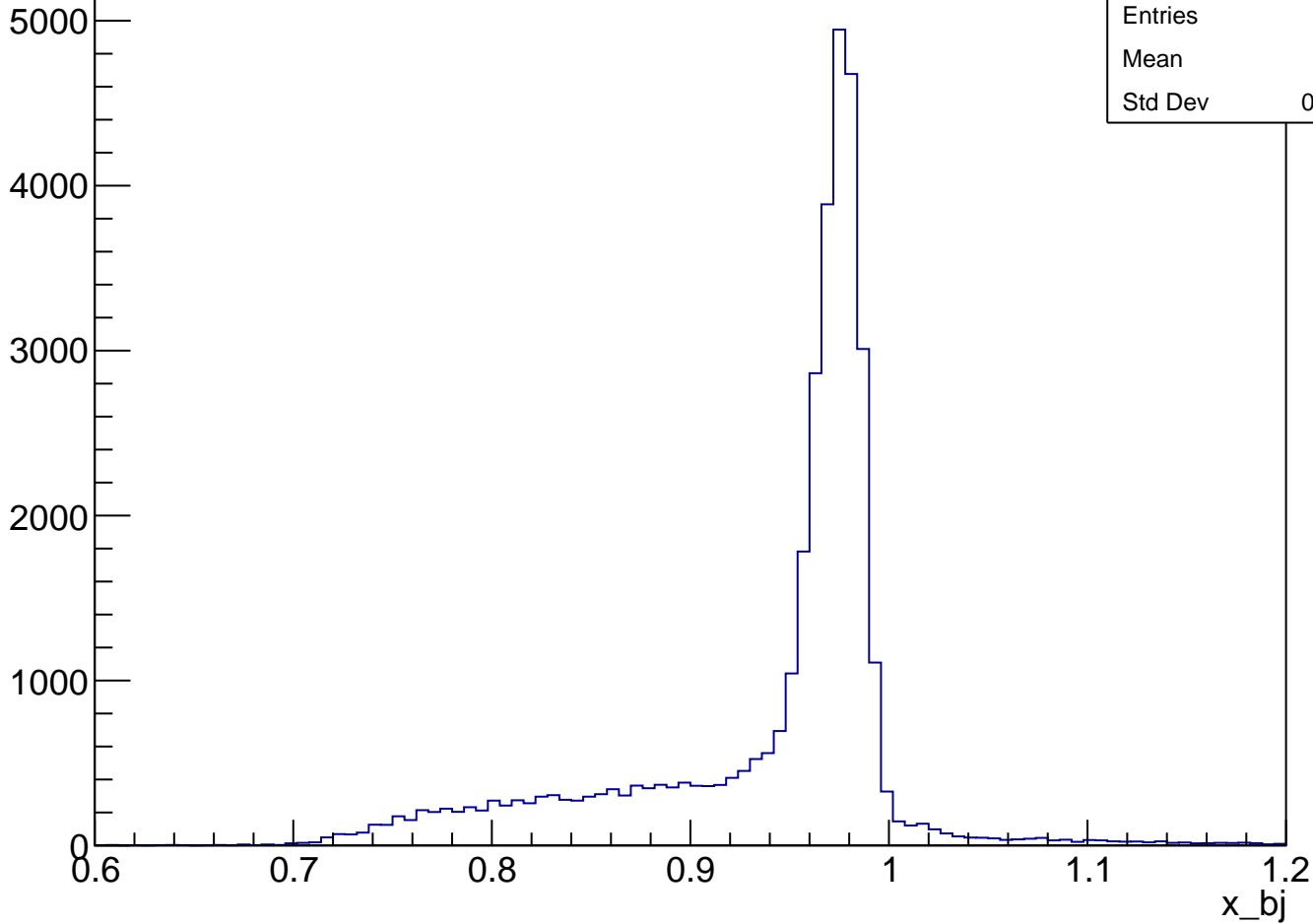
W2

hist_w2

Entries	67109
Mean	0.1435
Std Dev	0.1352

Run 2911: H.kin.x_bj

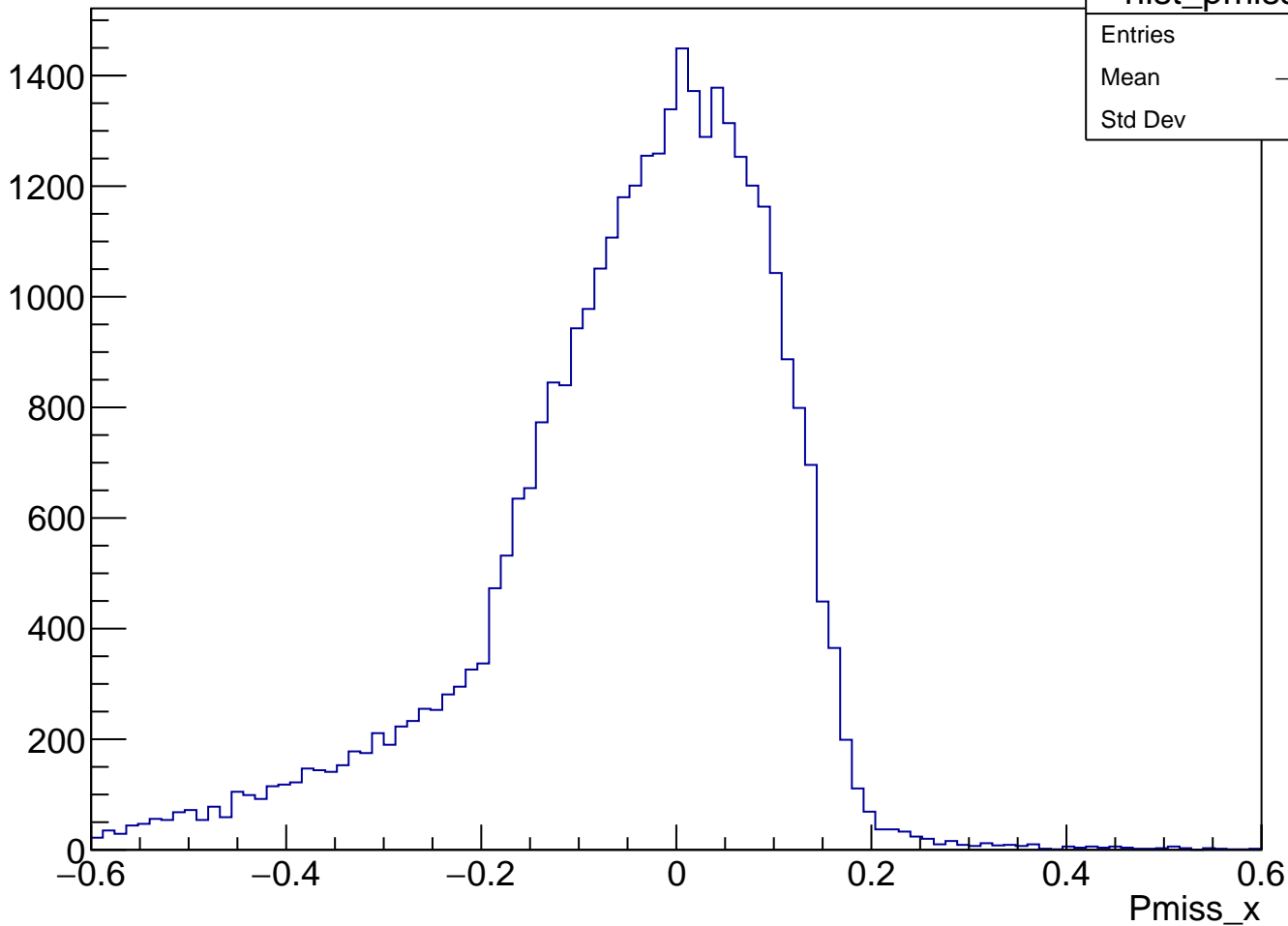
Counts



hist_x_bj	
Entries	67109
Mean	0.9417
Std Dev	0.06864

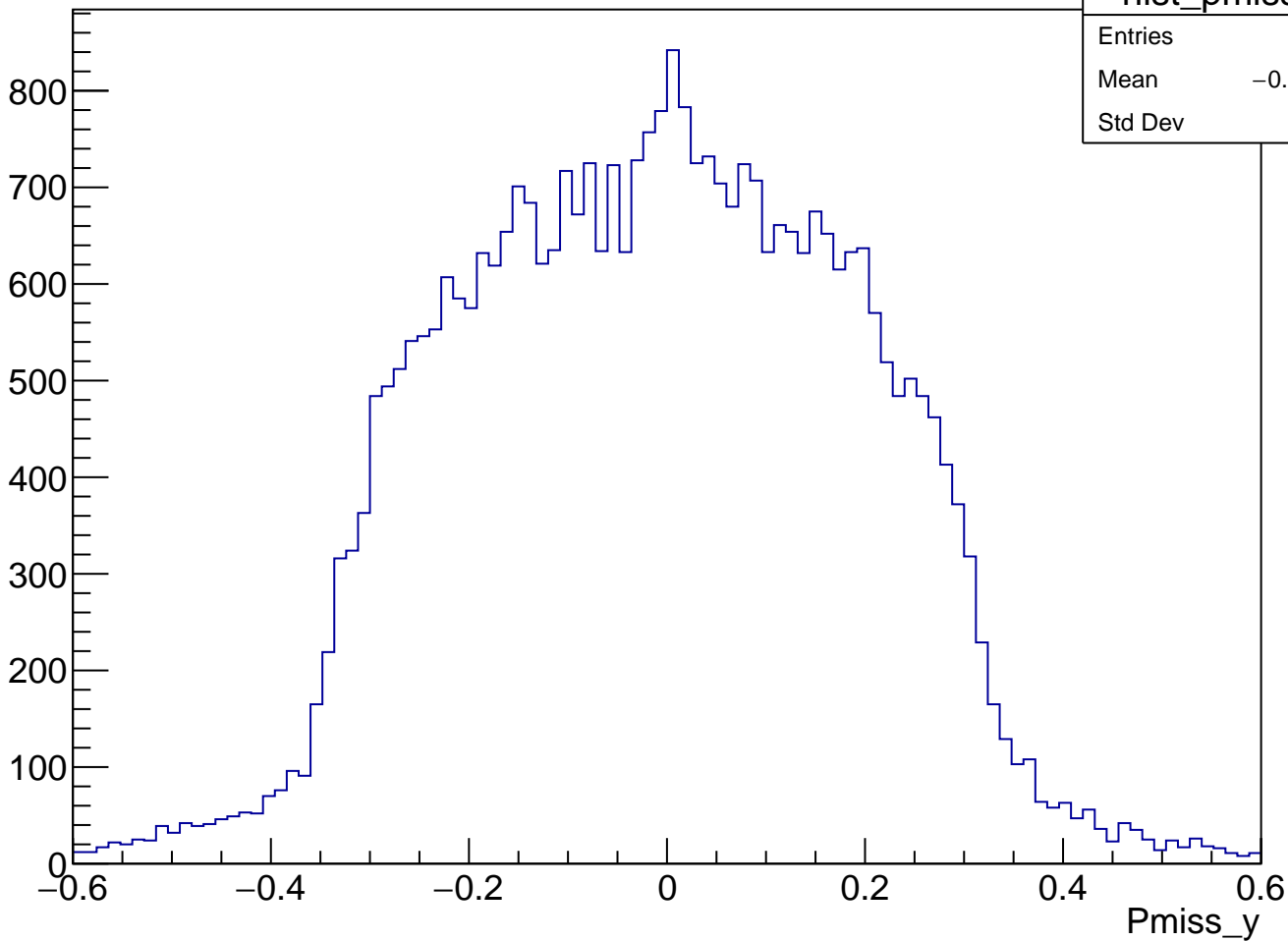
Run 2911: NPS.kin.secondary.pmiss_x

Counts



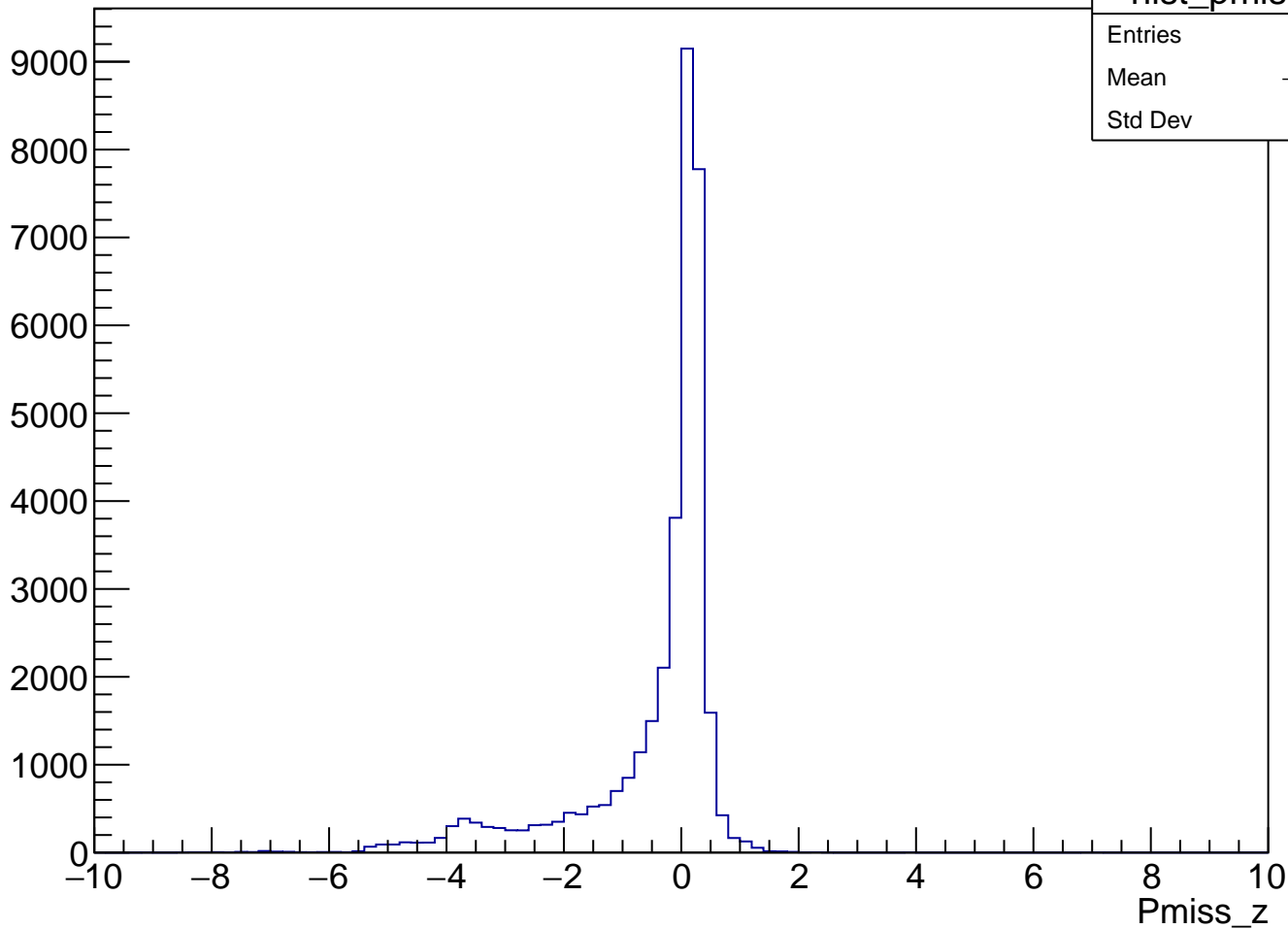
Run 2911: NPS.kin.secondary.pmiss_y

Counts



Run 2911: NPS.kin.secondary.pmiss_z

Counts



hist_pmiss_z

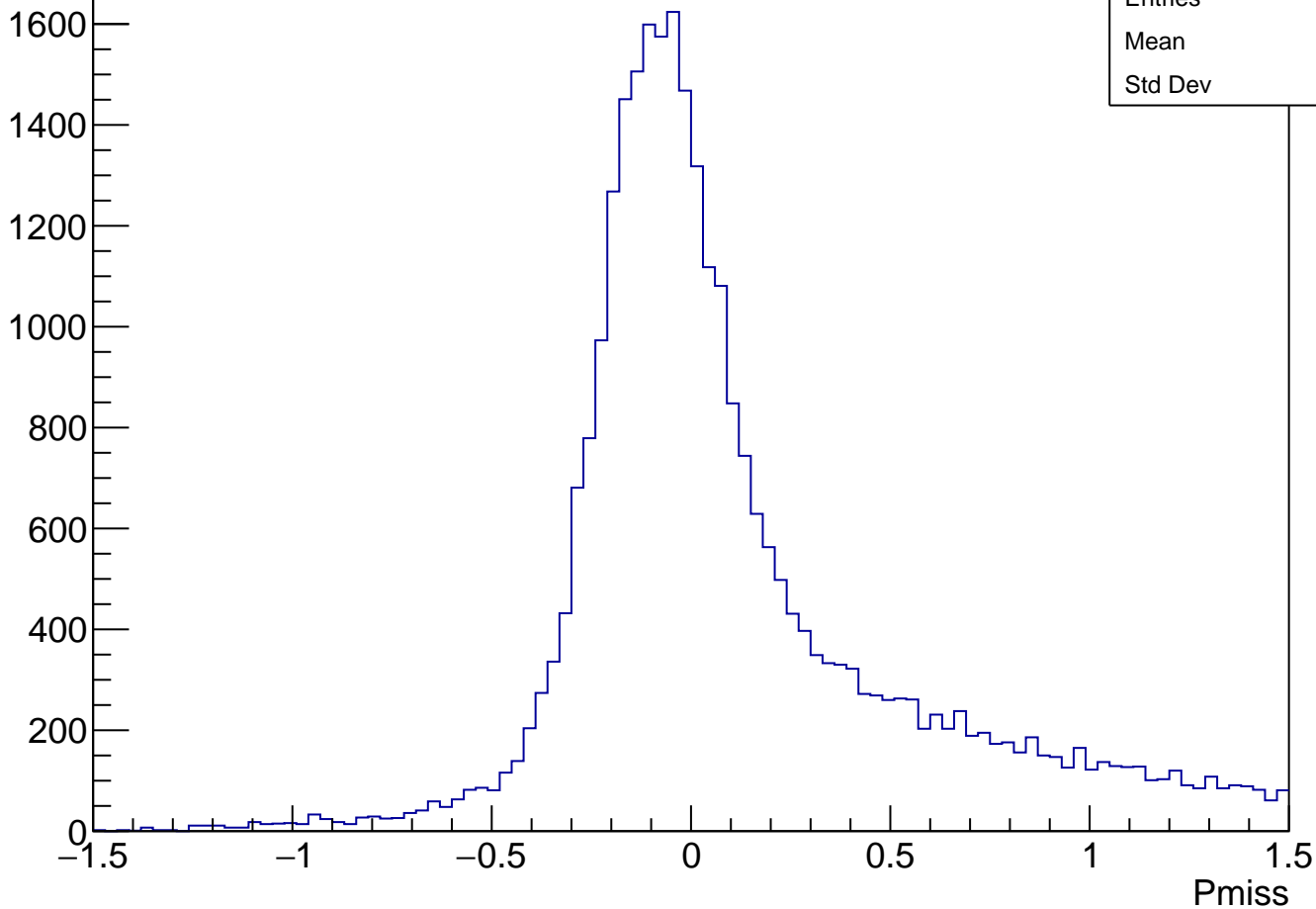
Entries 67109

Mean -0.4519

Std Dev 1.226

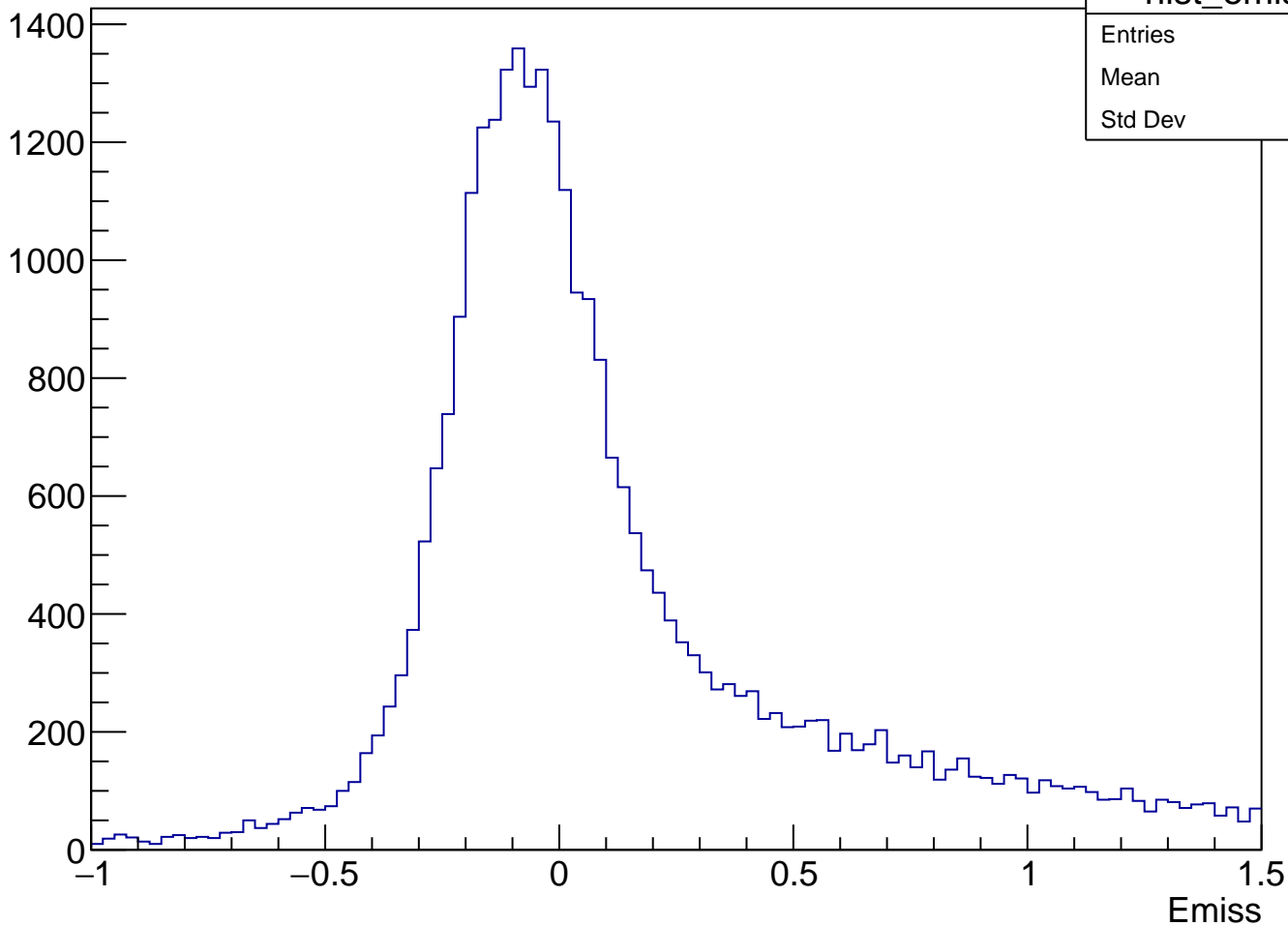
Run 2911: NPS.kin.secondary.pmiss

Counts



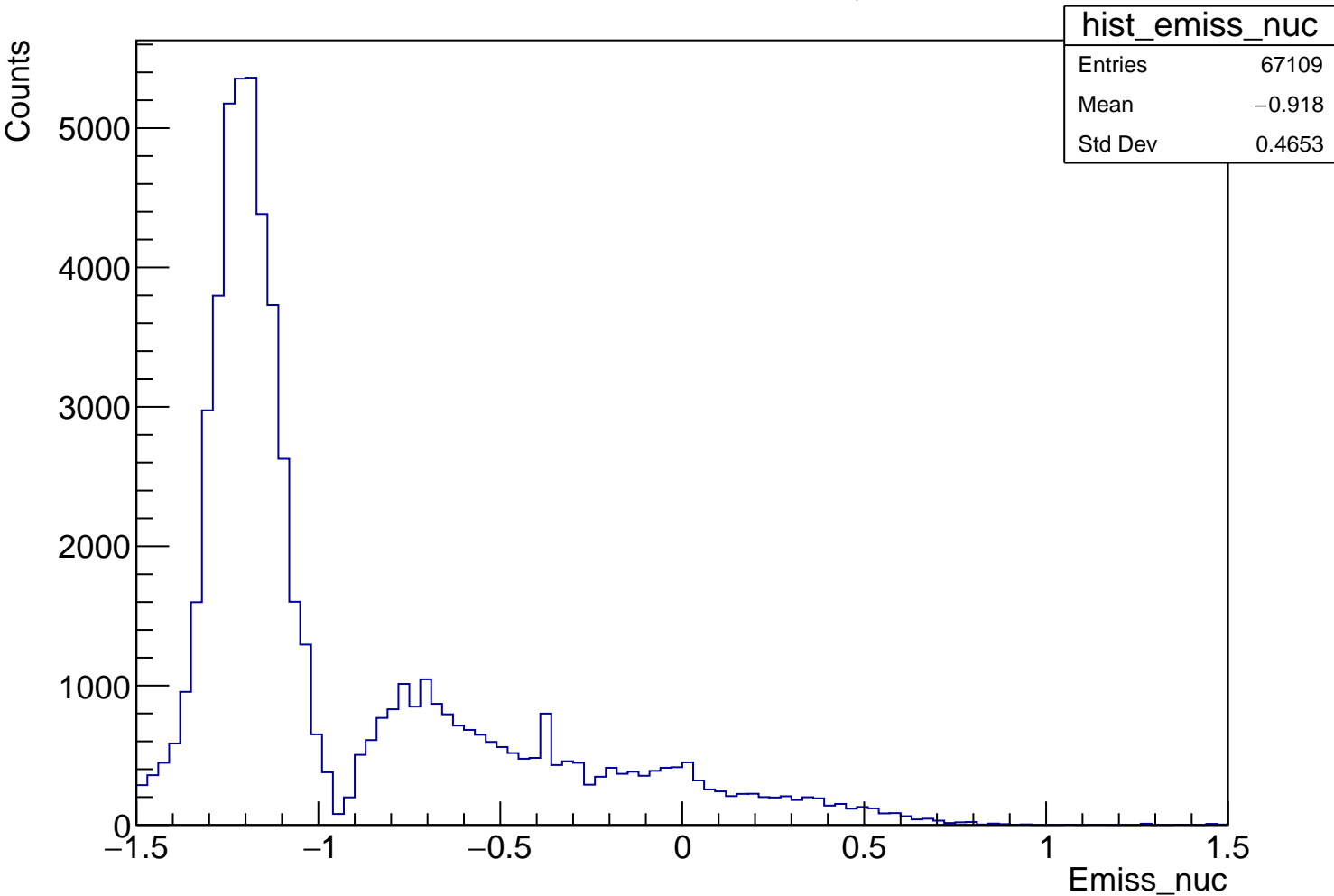
Run 2911: NPS.kin.secondary.emiss

Counts



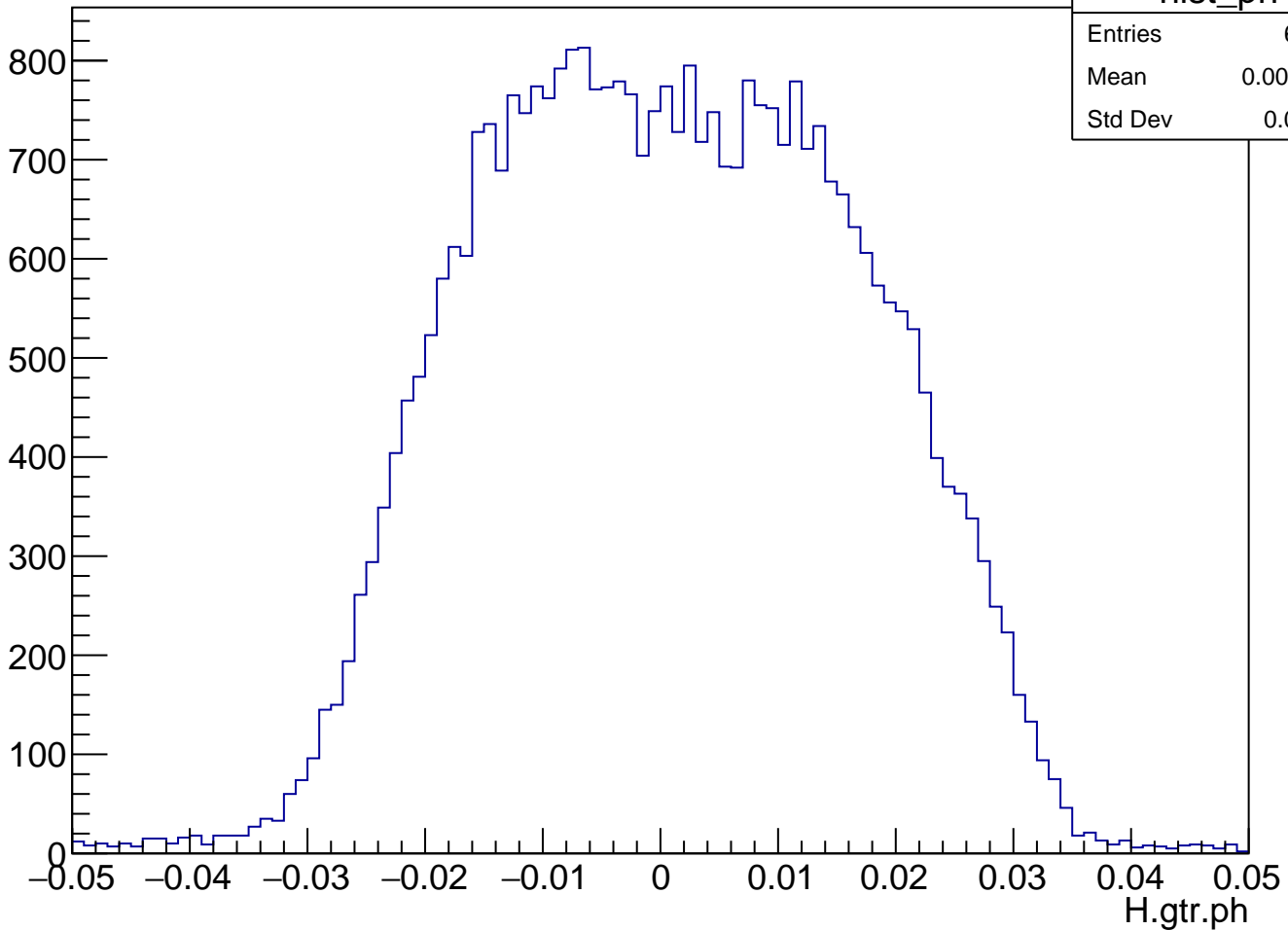
Emiss

Run 2911: NPS.kin.secondary.emiss_nuc

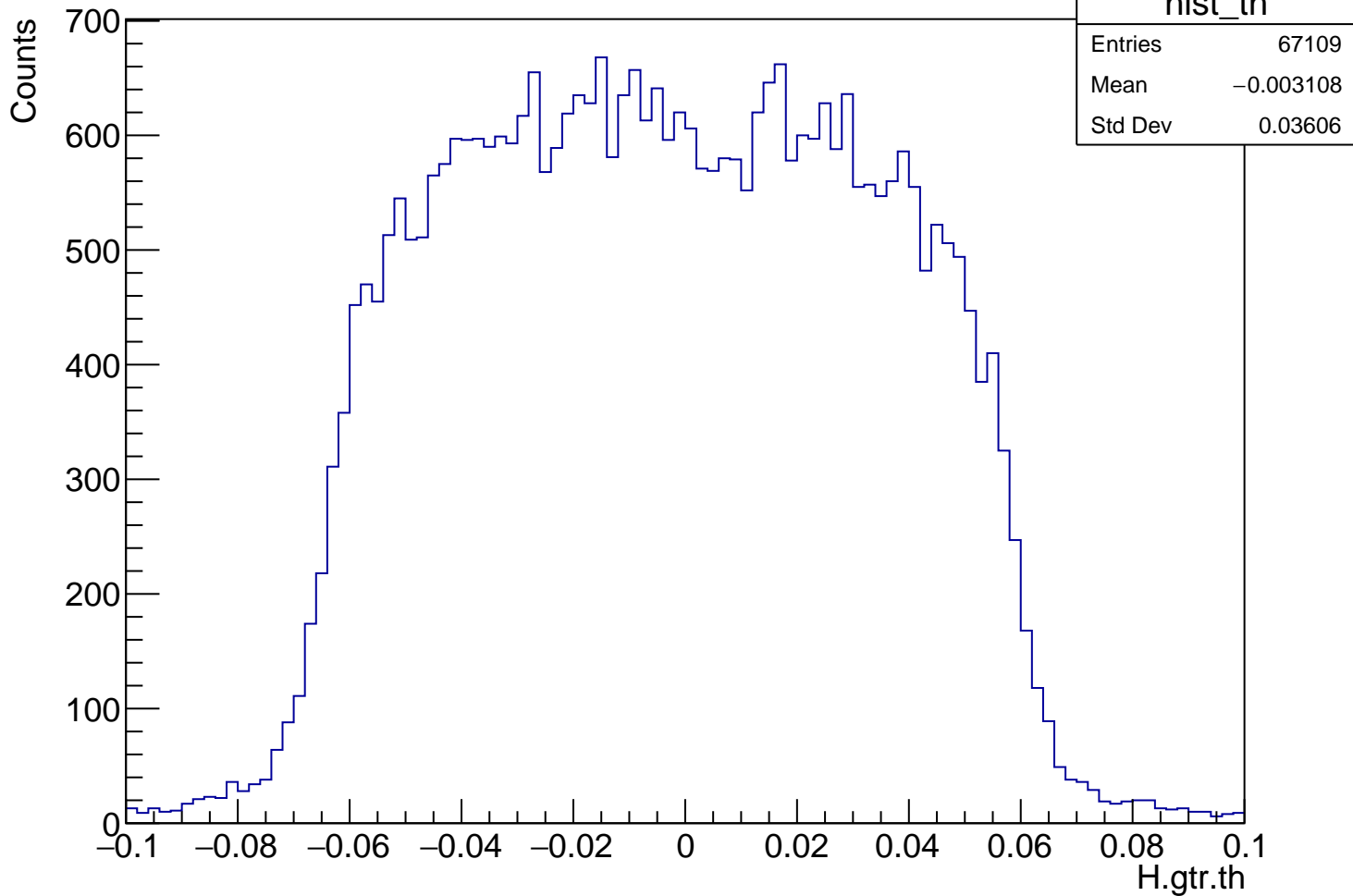


Run 2911: H.gtr.ph

Counts

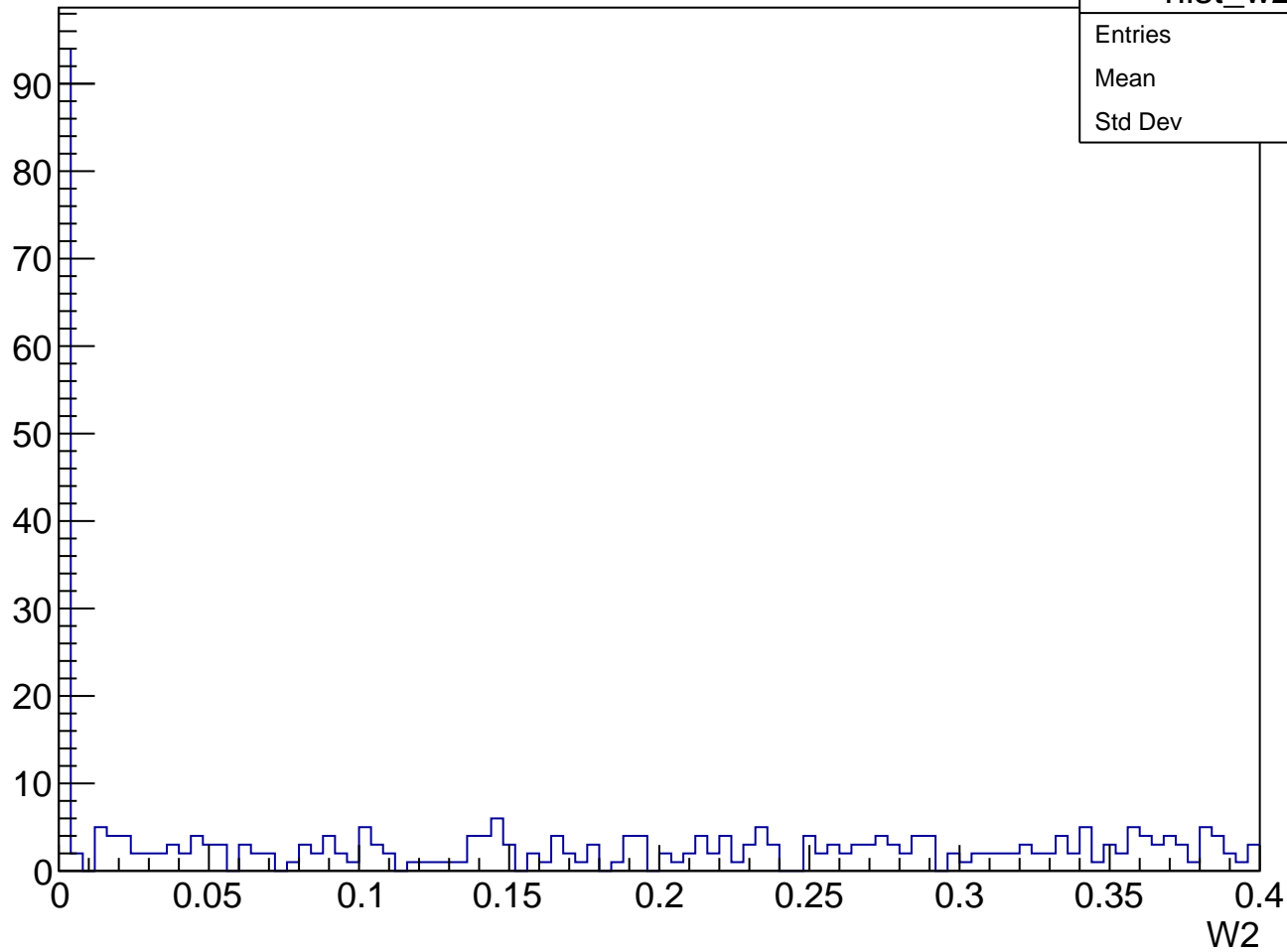


Run 2911: H.gtr.th



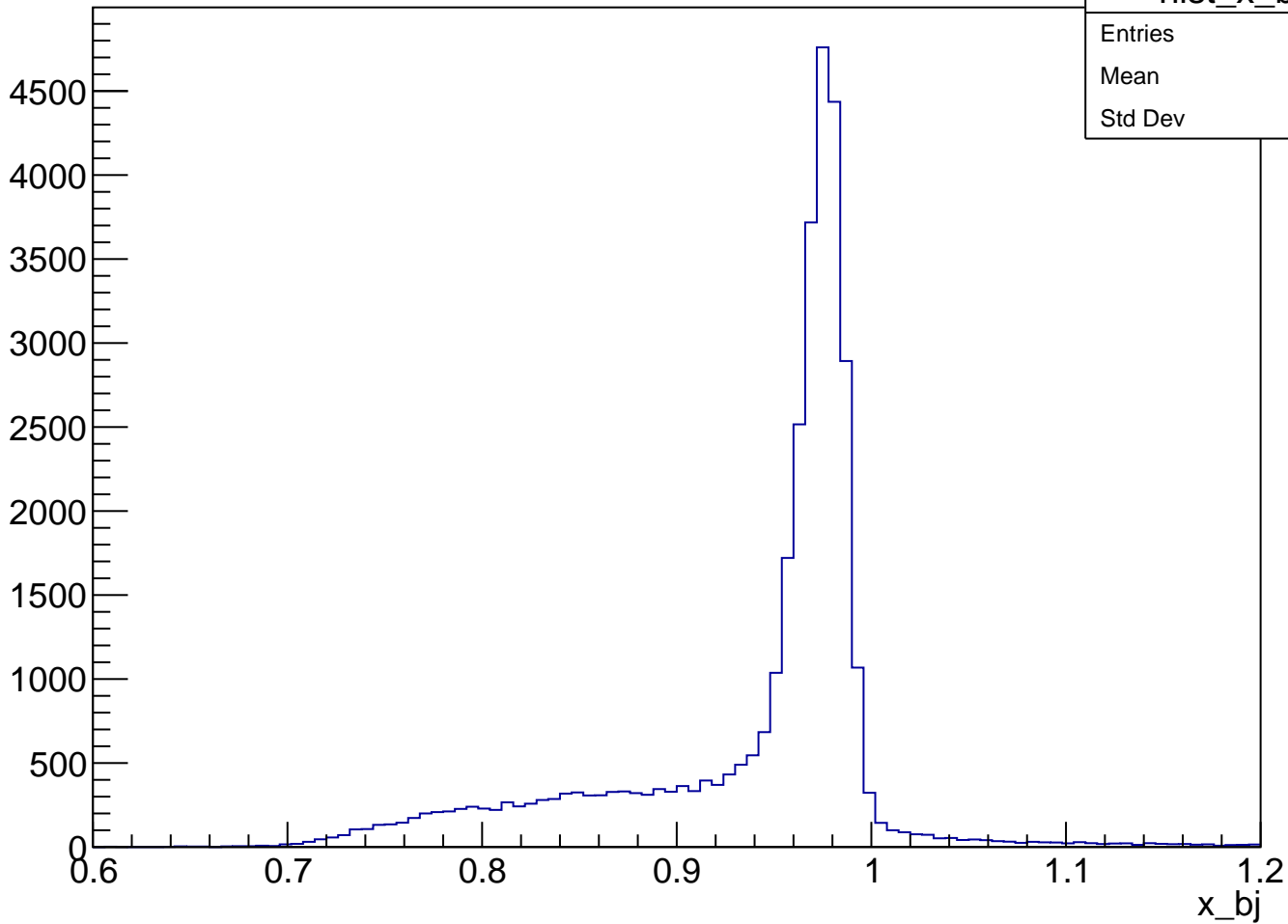
Run 2912: H.kin.W2

Counts

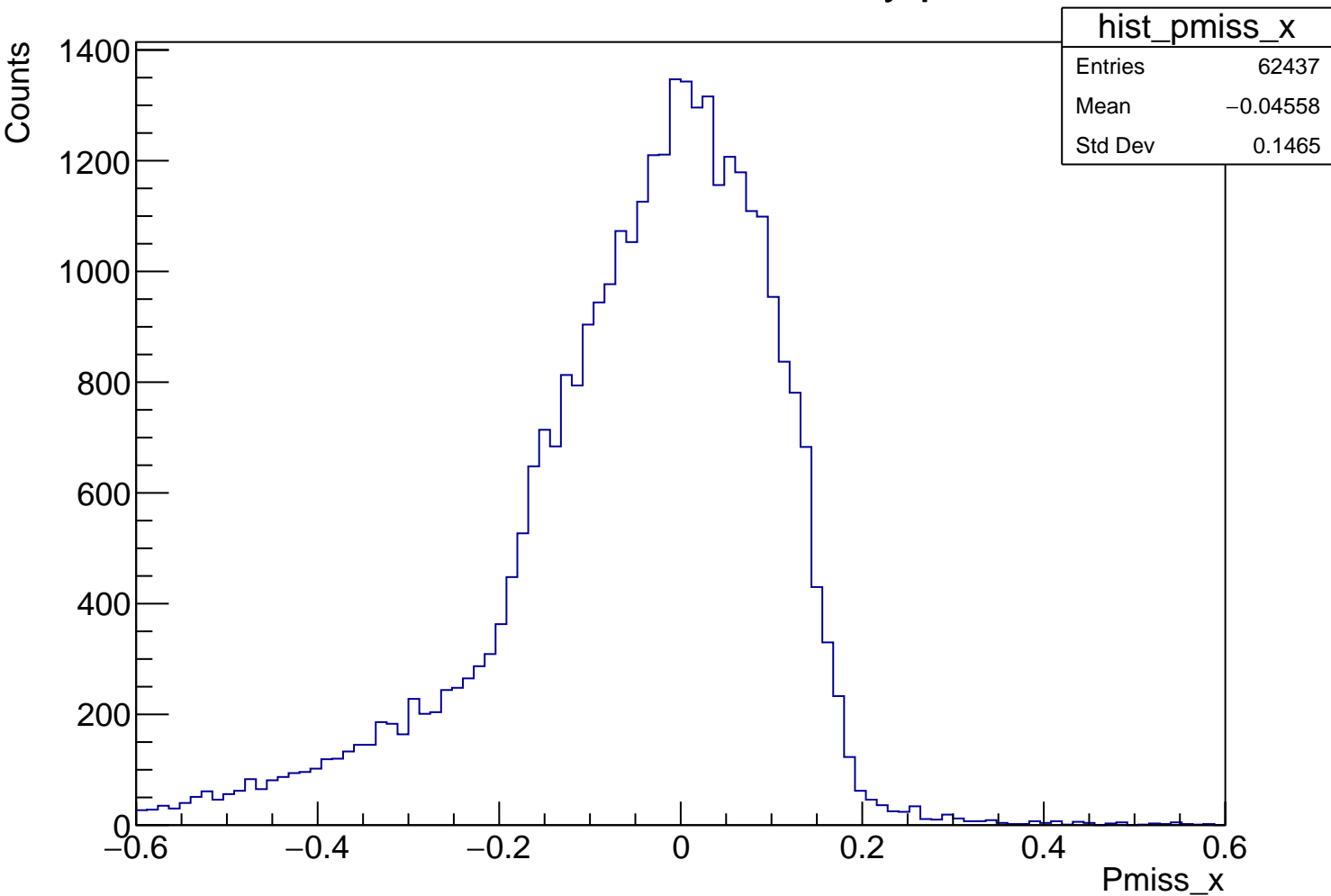


Run 2912: H.kin.x_bj

Counts

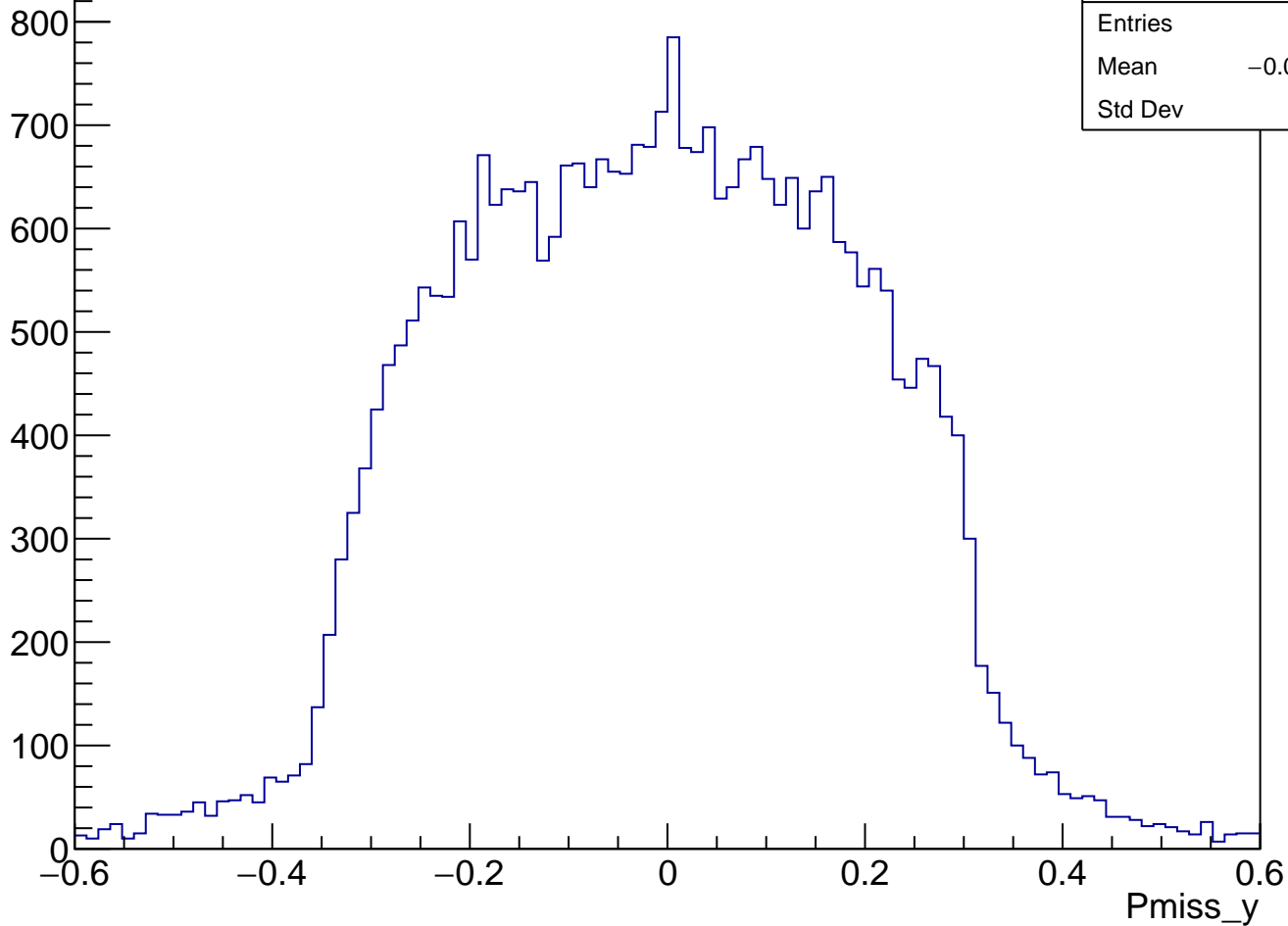


Run 2912: NPS.kin.secondary.pmiss_x



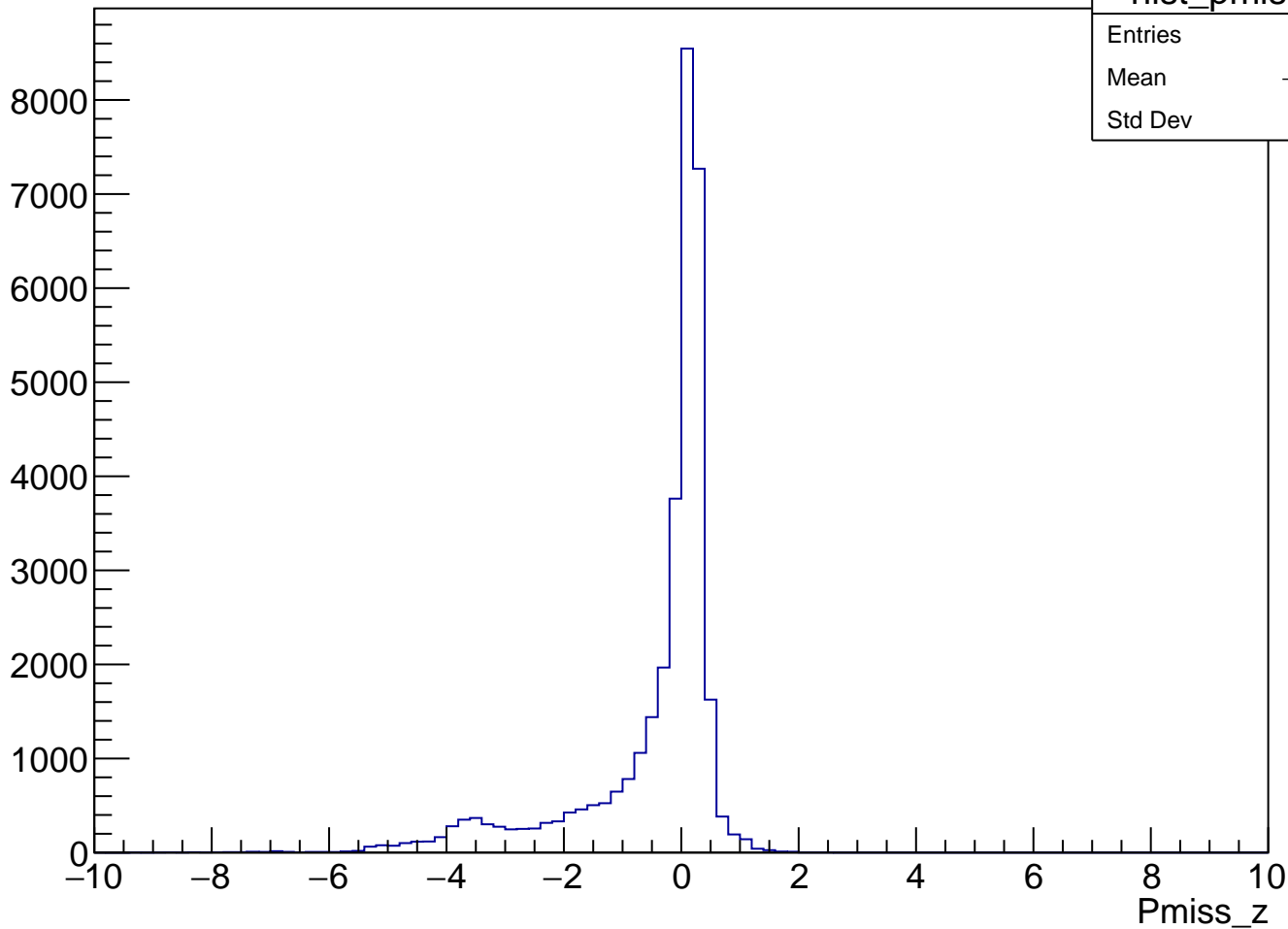
Run 2912: NPS.kin.secondary.pmiss_y

Counts



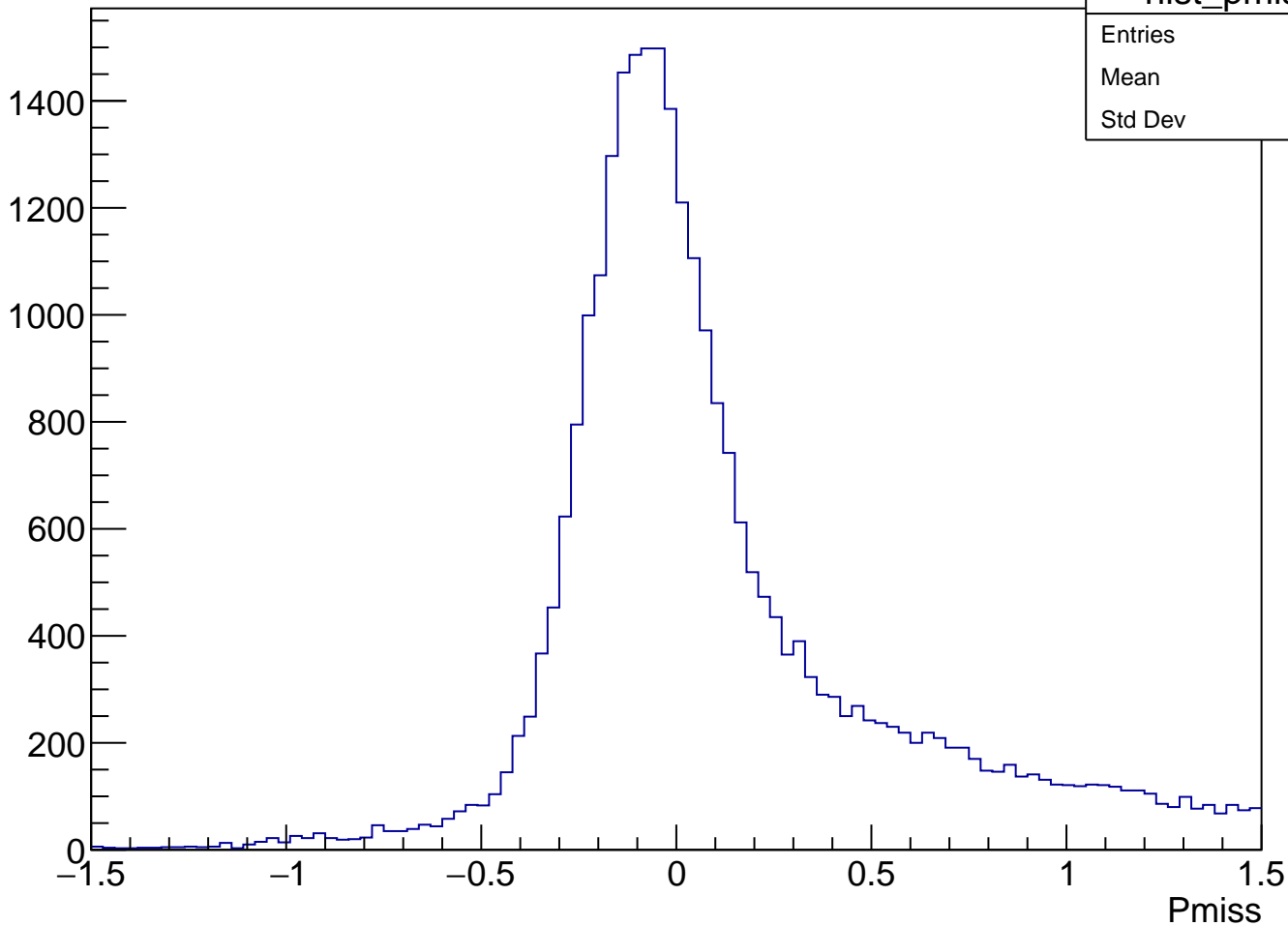
Run 2912: NPS.kin.secondary.pmiss_z

Counts



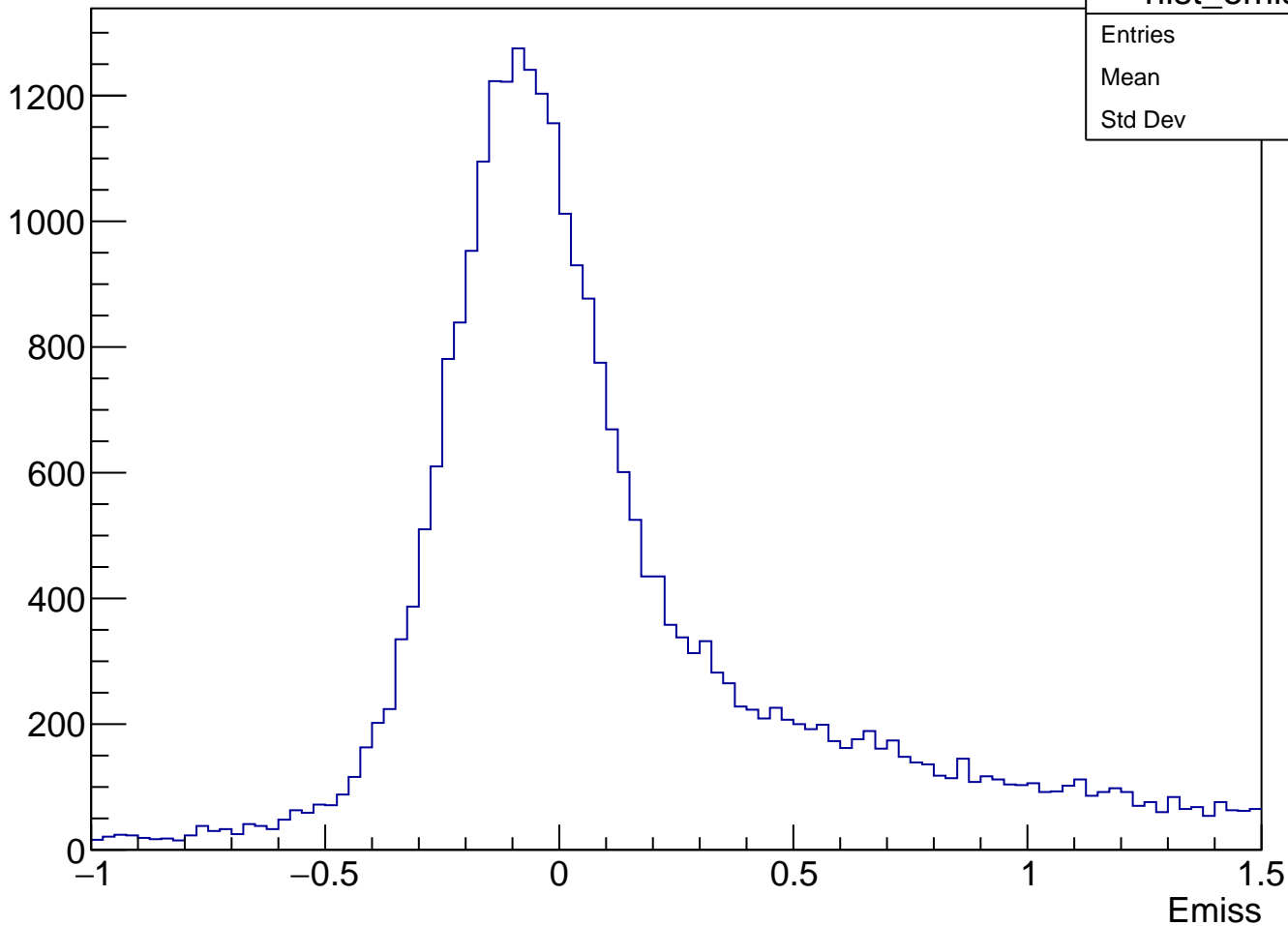
Run 2912: NPS.kin.secondary.pmiss

Counts



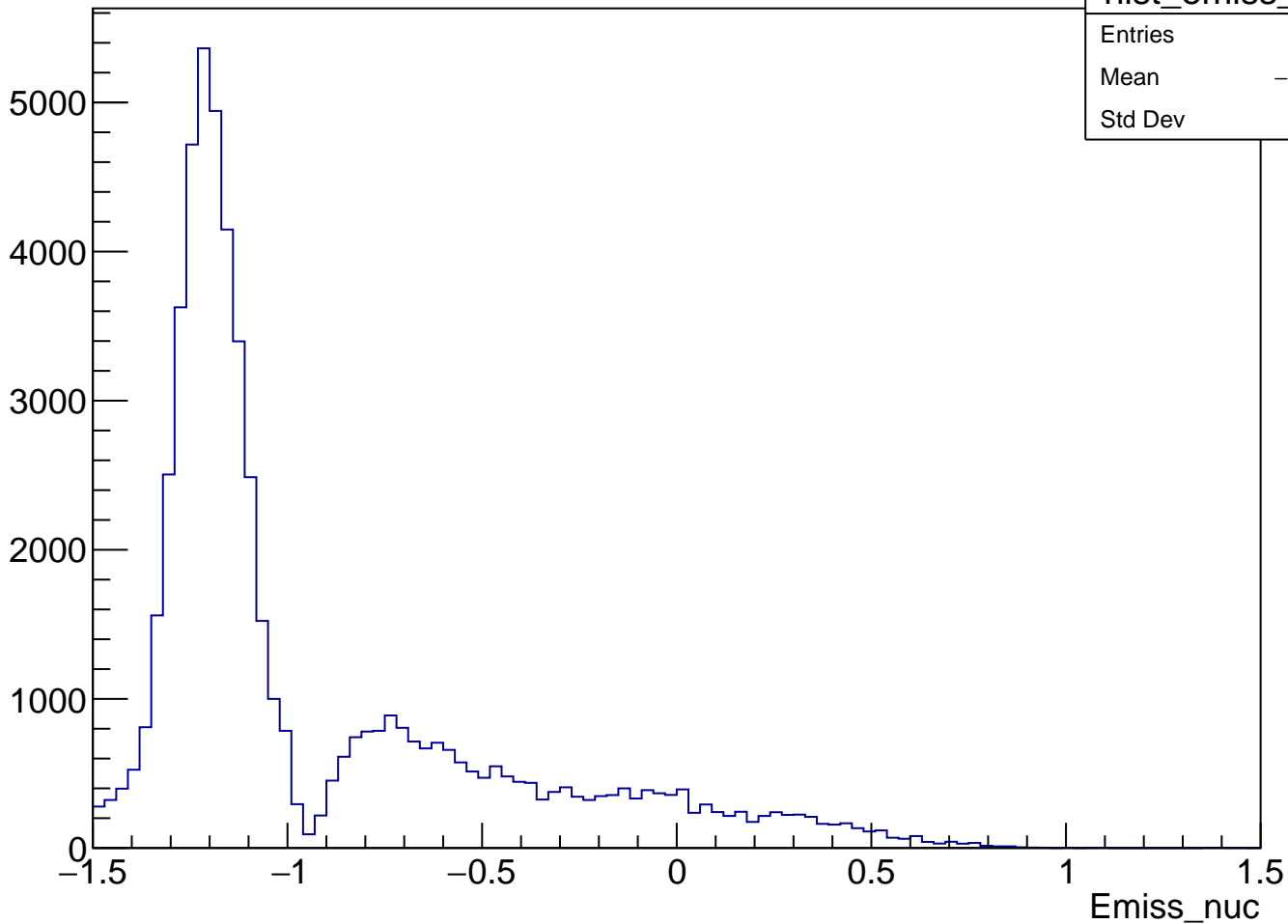
Run 2912: NPS.kin.secondary.emiss

Counts



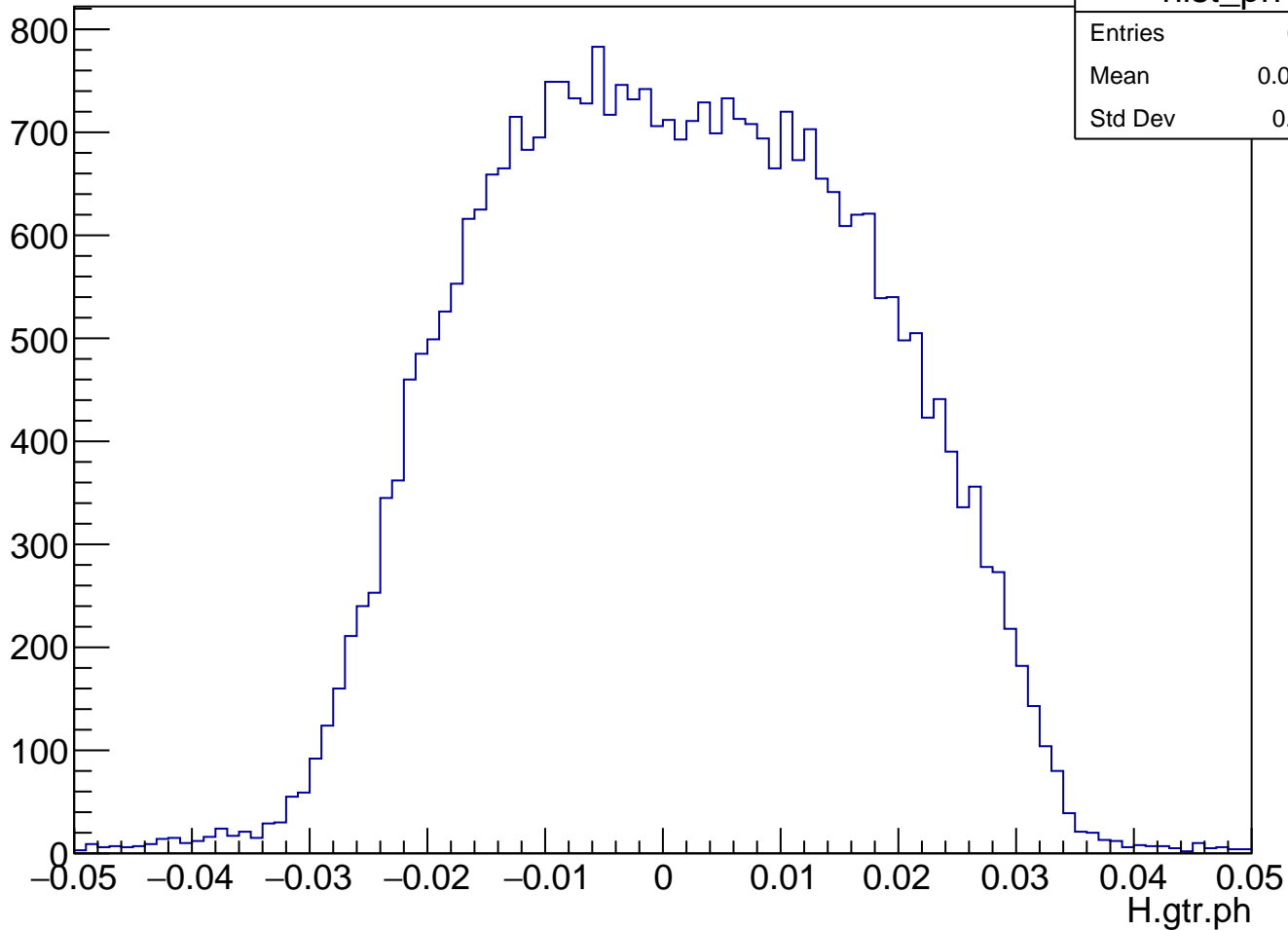
Run 2912: NPS.kin.secondary.emiss_nuc

Counts



Run 2912: H.gtr.ph

Counts



hist_ph

Entries 62437

Mean 0.001011

Std Dev 0.01551

H.gtr.ph

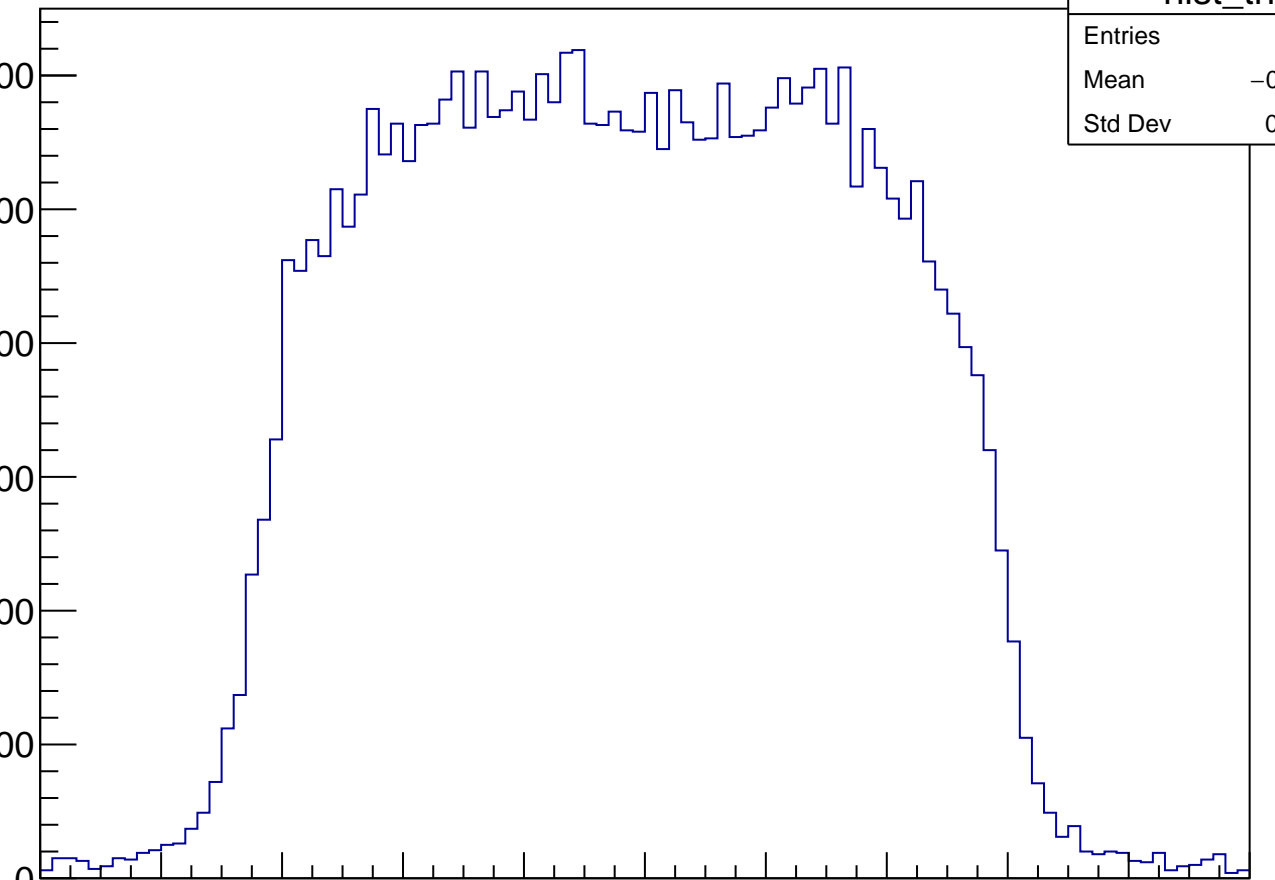
Run 2912: H.gtr.th

Counts

600
500
400
300
200
100
0

hist_th	
Entries	62437
Mean	-0.00289
Std Dev	0.03602

-0.1 -0.08 -0.06 -0.04 -0.02 0 0.02 0.04 0.06 0.08 0.1
H.gtr.th



Run 2913: H.kin.W2

Counts

120
100
80
60
40
20
0

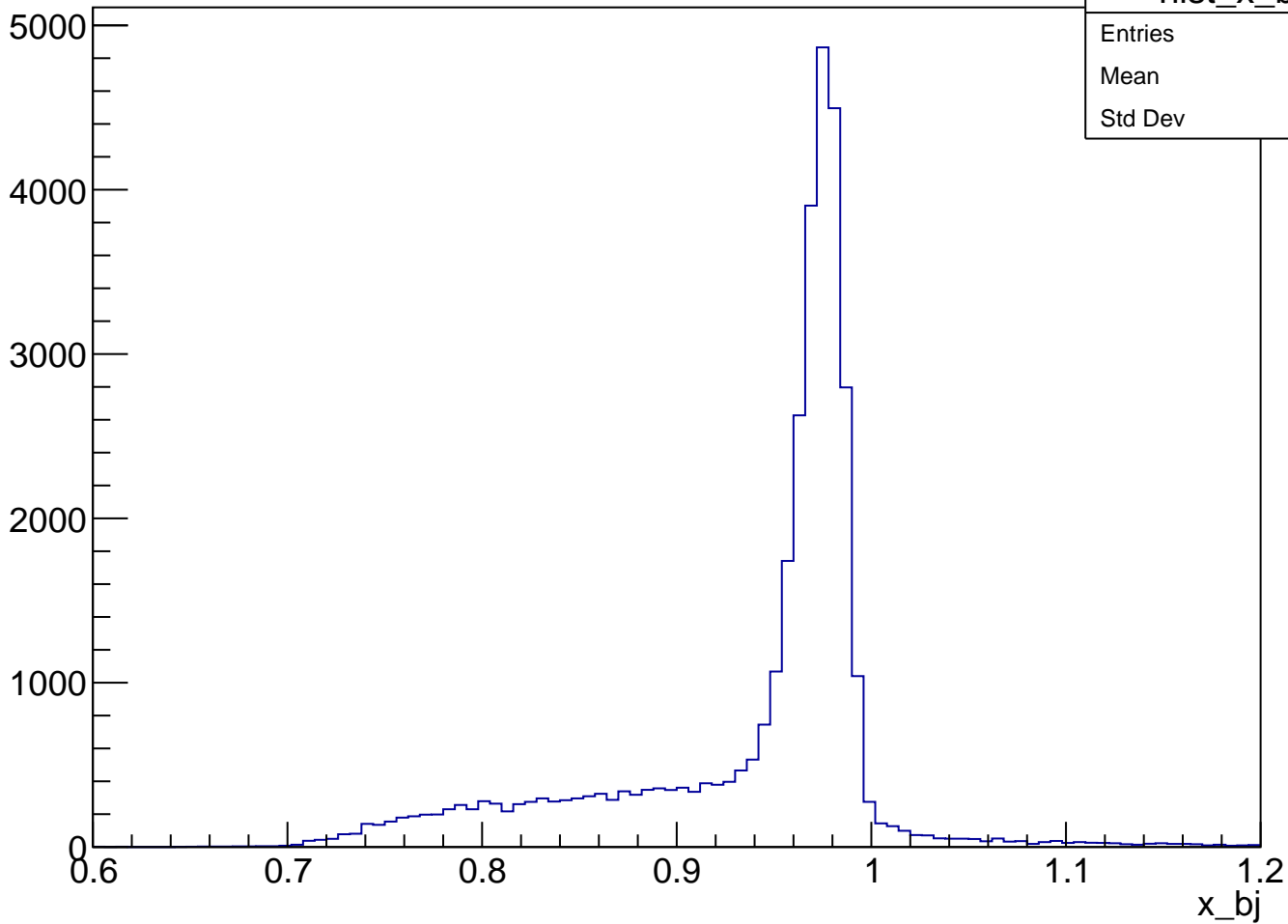
0 0.05 0.1 0.15 0.2 0.25 0.3 0.35 0.4
W2

hist_w2

Entries	63625
Mean	0.1497
Std Dev	0.1399

Run 2913: H.kin.x_bj

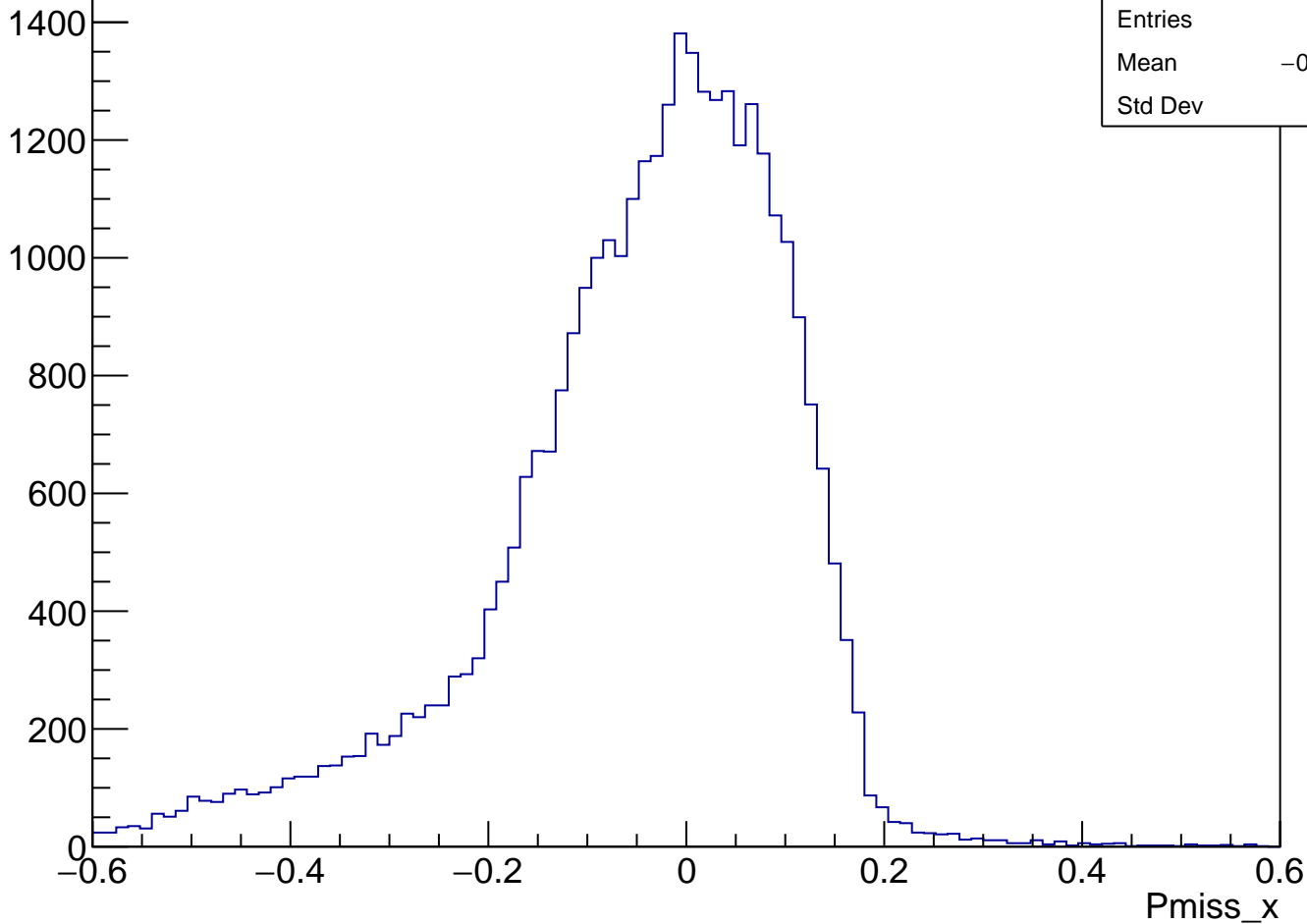
Counts



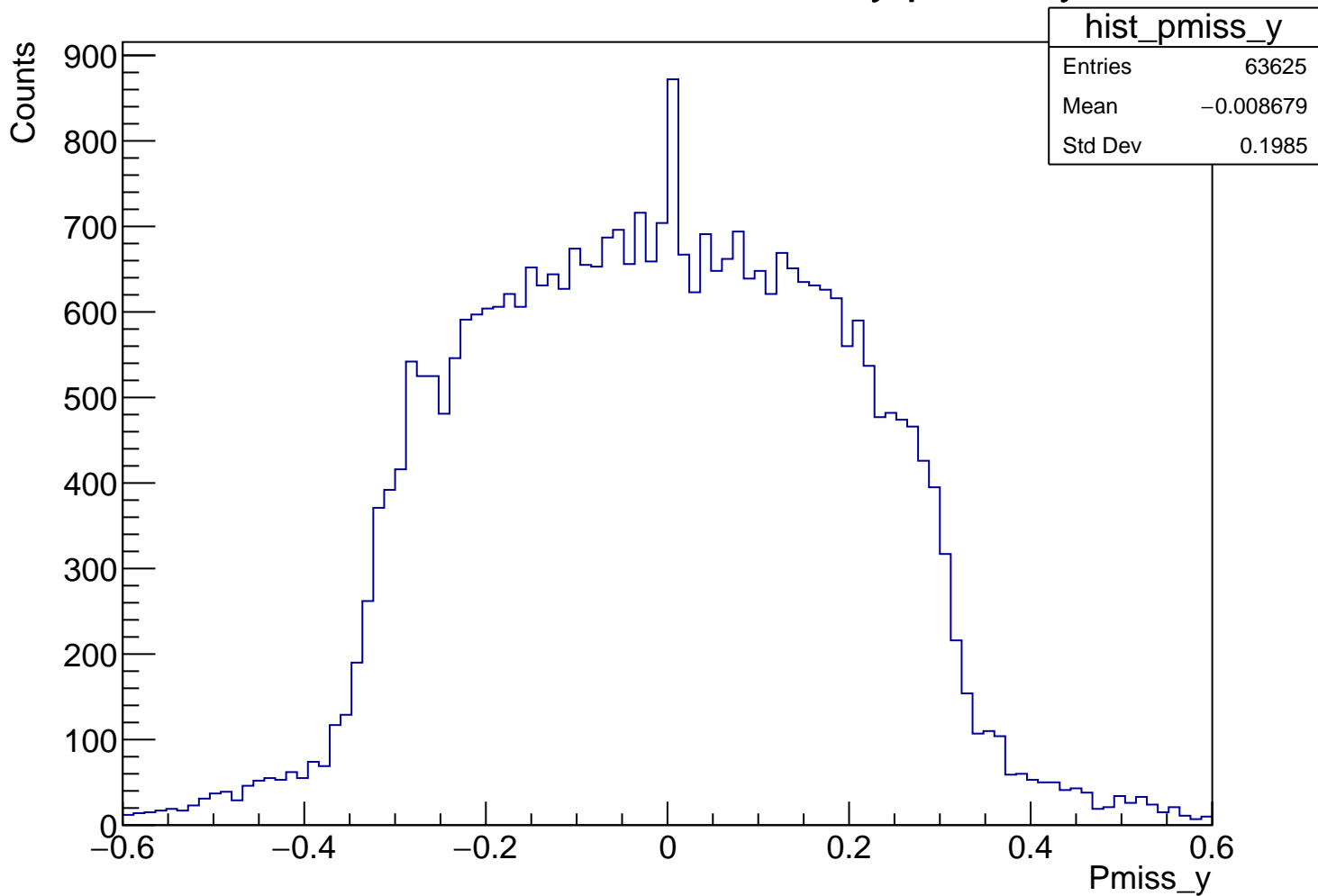
hist_x_bj	
Entries	63625
Mean	0.941
Std Dev	0.0693

Run 2913: NPS.kin.secondary.pmiss_x

Counts

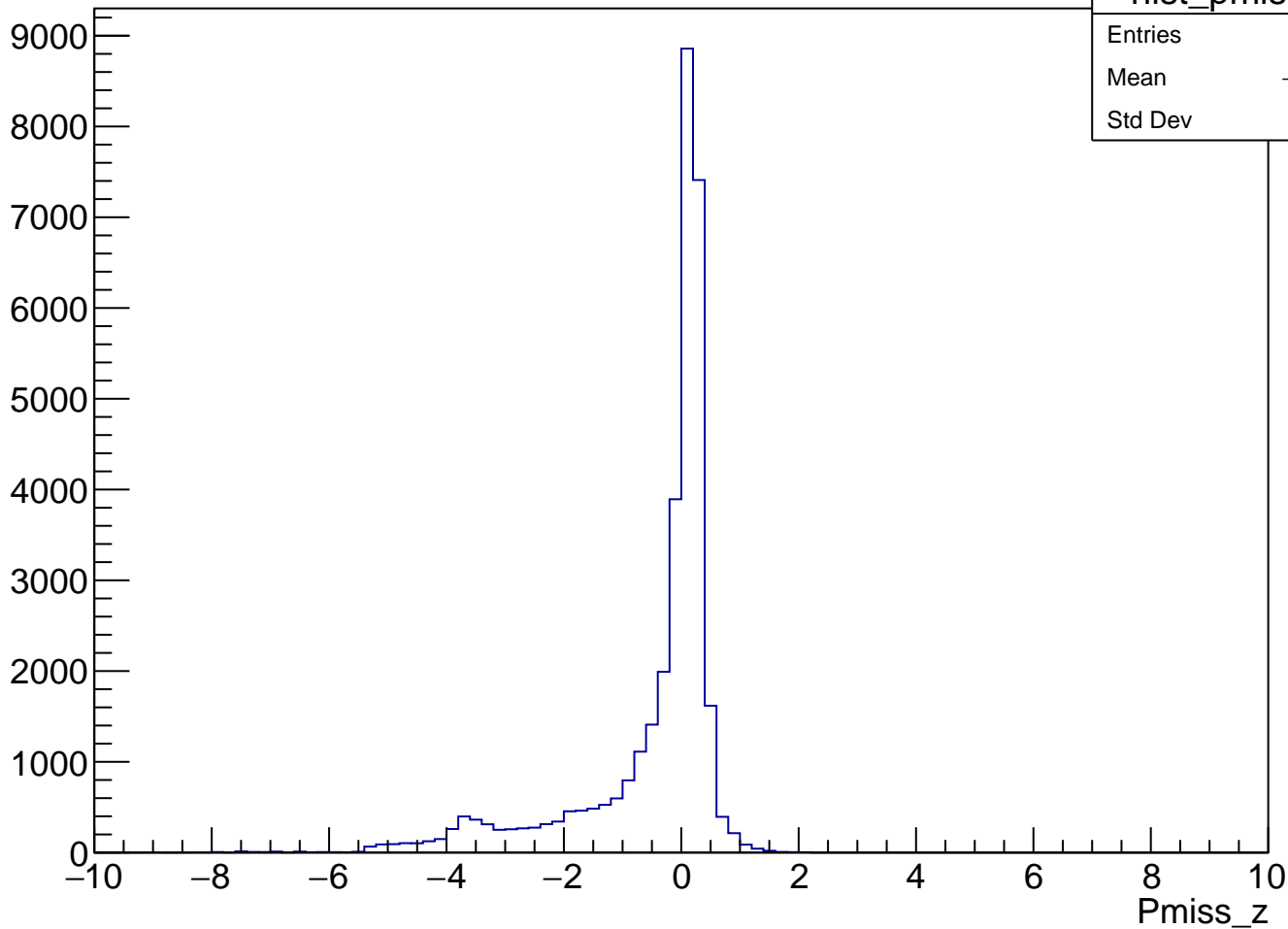


Run 2913: NPS.kin.secondary.pmiss_y



Run 2913: NPS.kin.secondary.pmiss_z

Counts



hist_pmiss_z

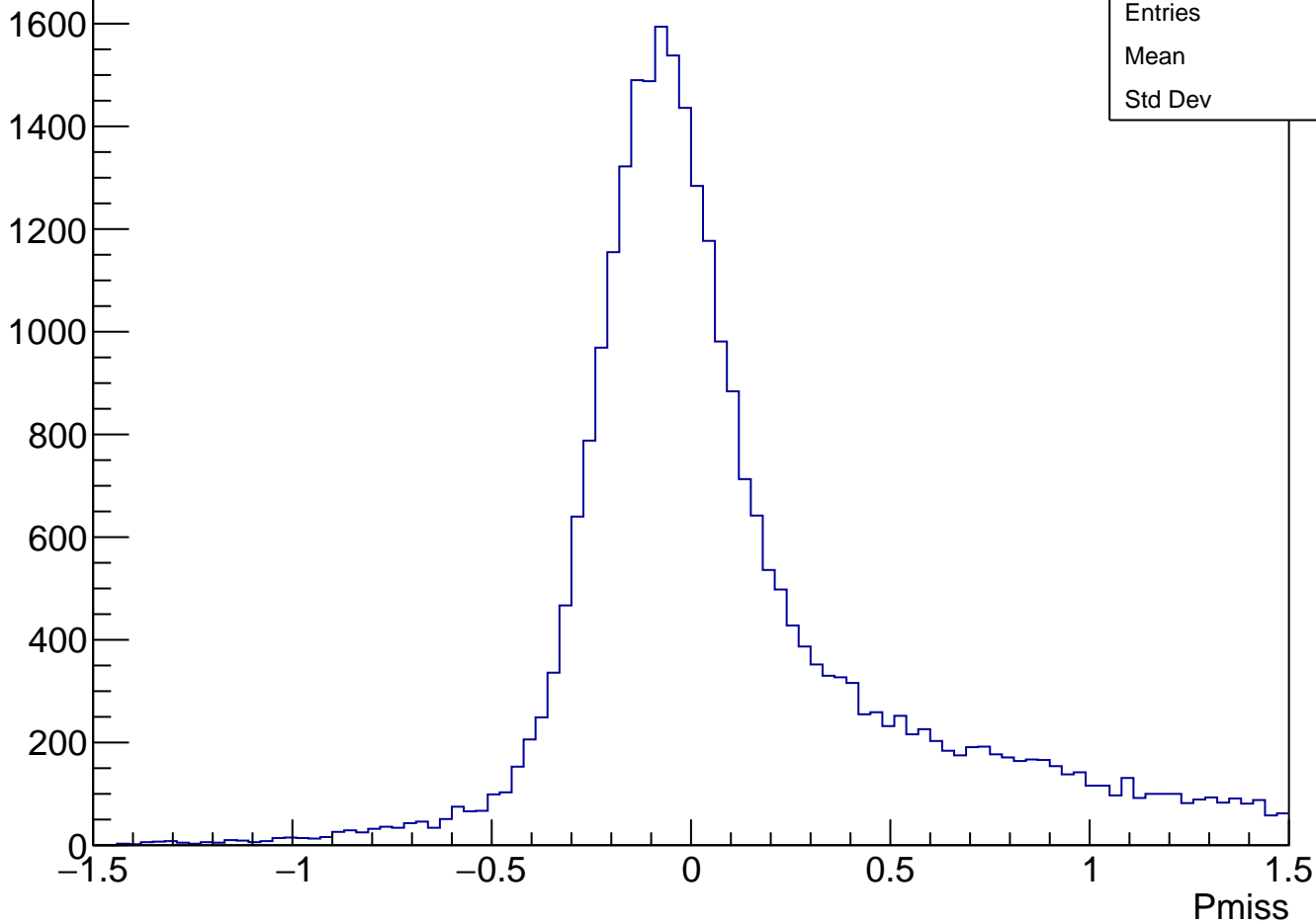
Entries 63625

Mean -0.4516

Std Dev 1.22

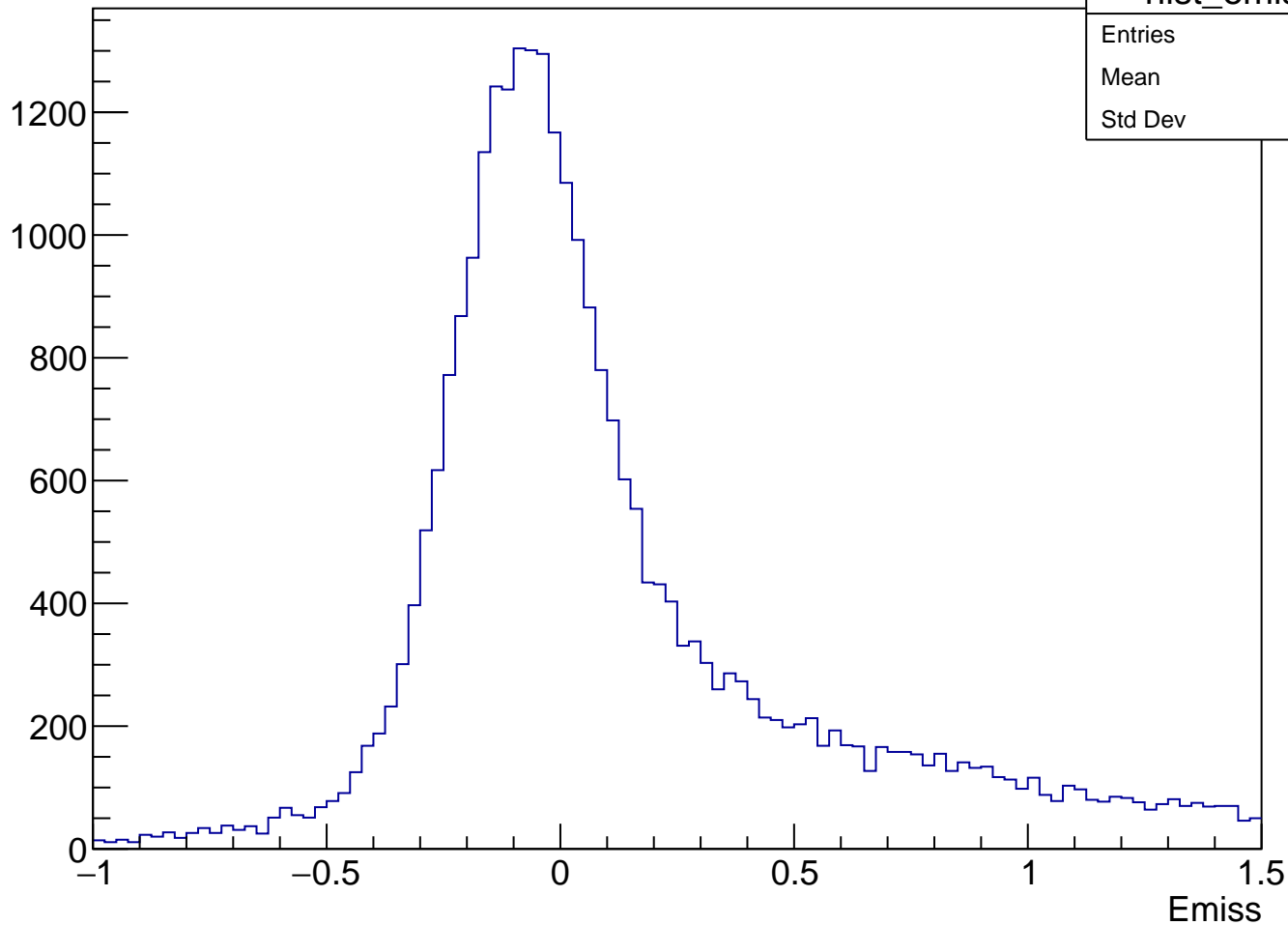
Run 2913: NPS.kin.secondary.pmiss

Counts



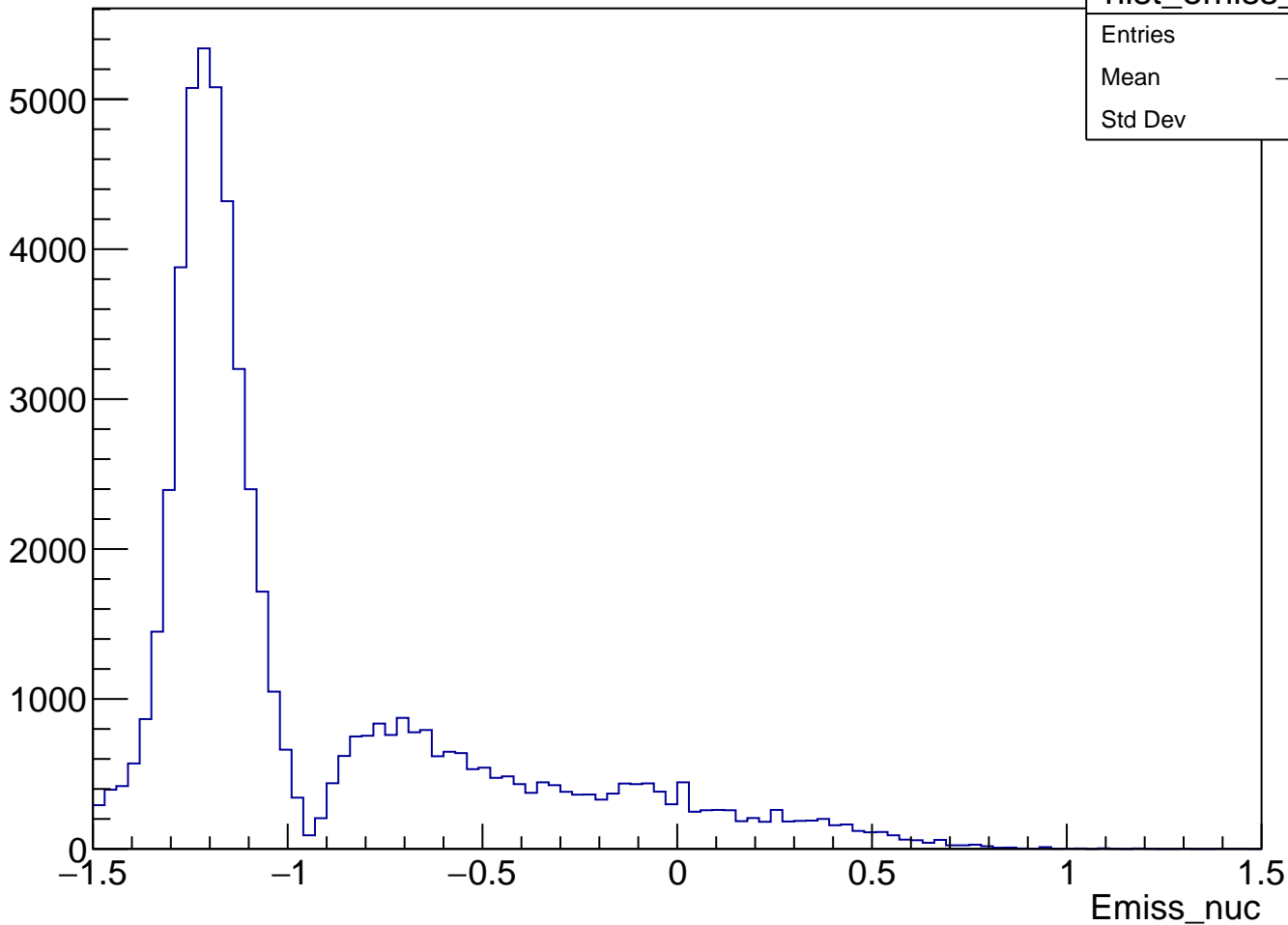
Run 2913: NPS.kin.secondary.emiss

Counts



Run 2913: NPS.kin.secondary.emiss_nuc

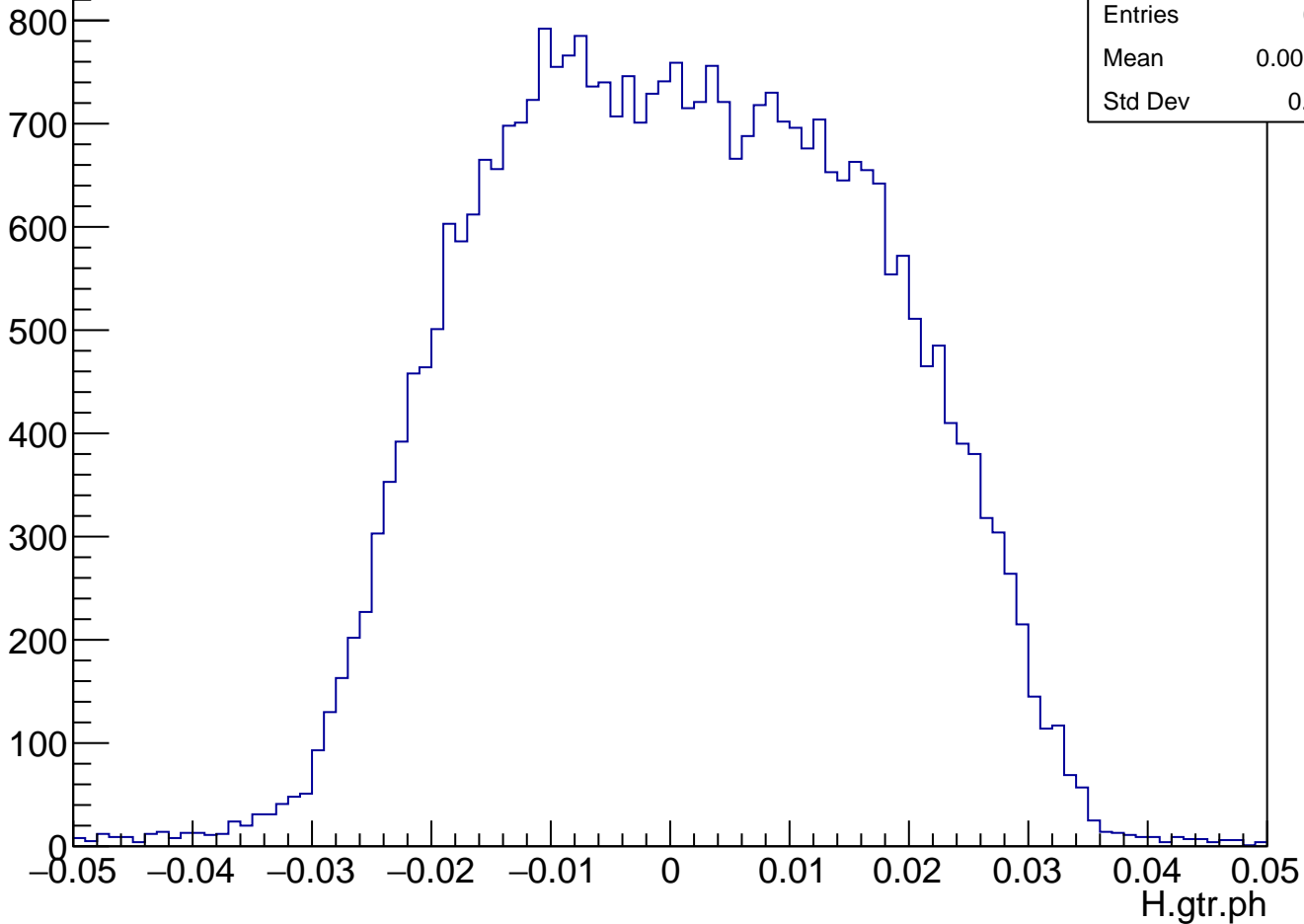
Counts



hist_emiss_nuc	
Entries	63625
Mean	-0.9164
Std Dev	0.4716

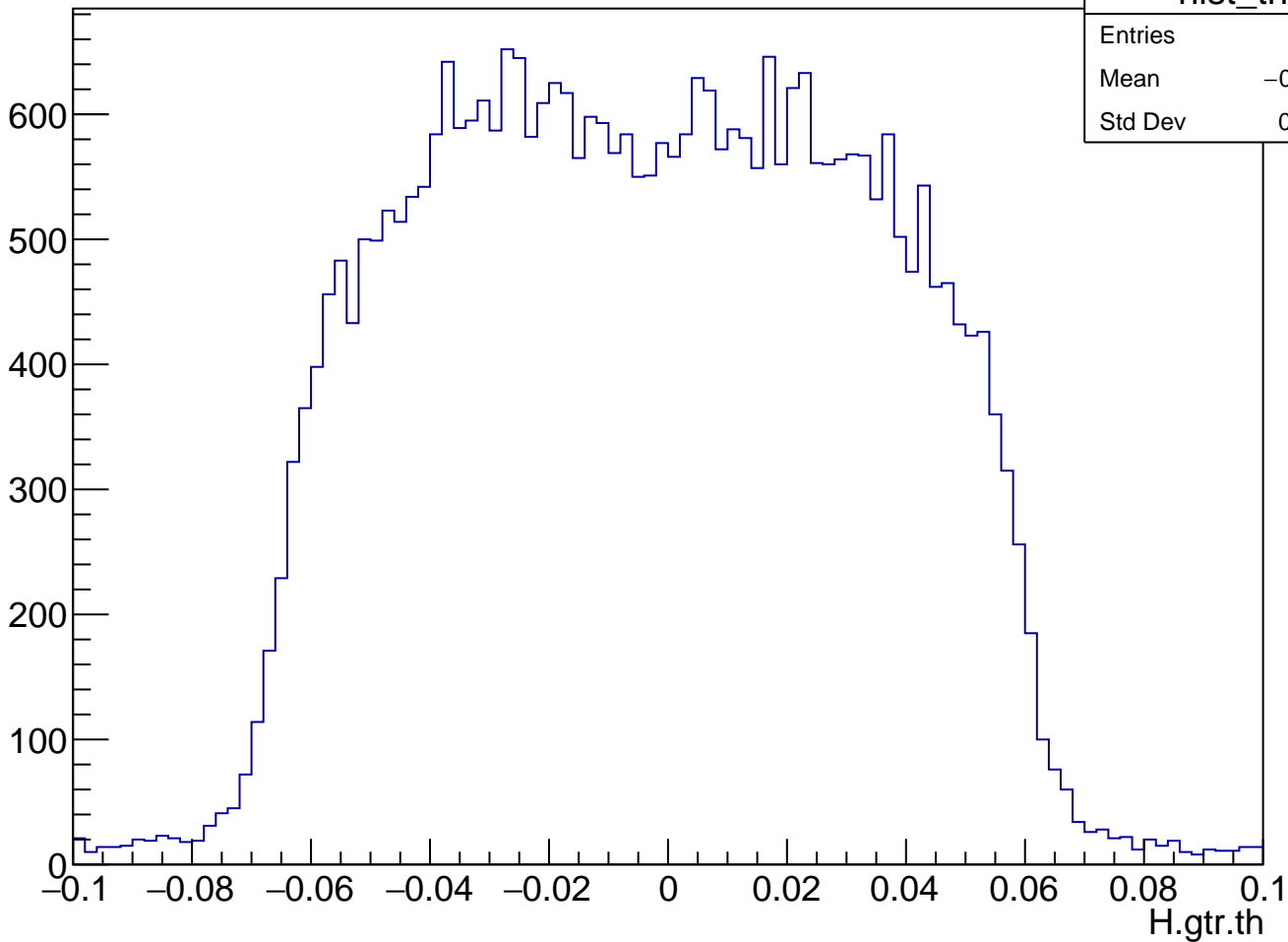
Run 2913: H.gtr.ph

Counts



Run 2913: H.gtr.th

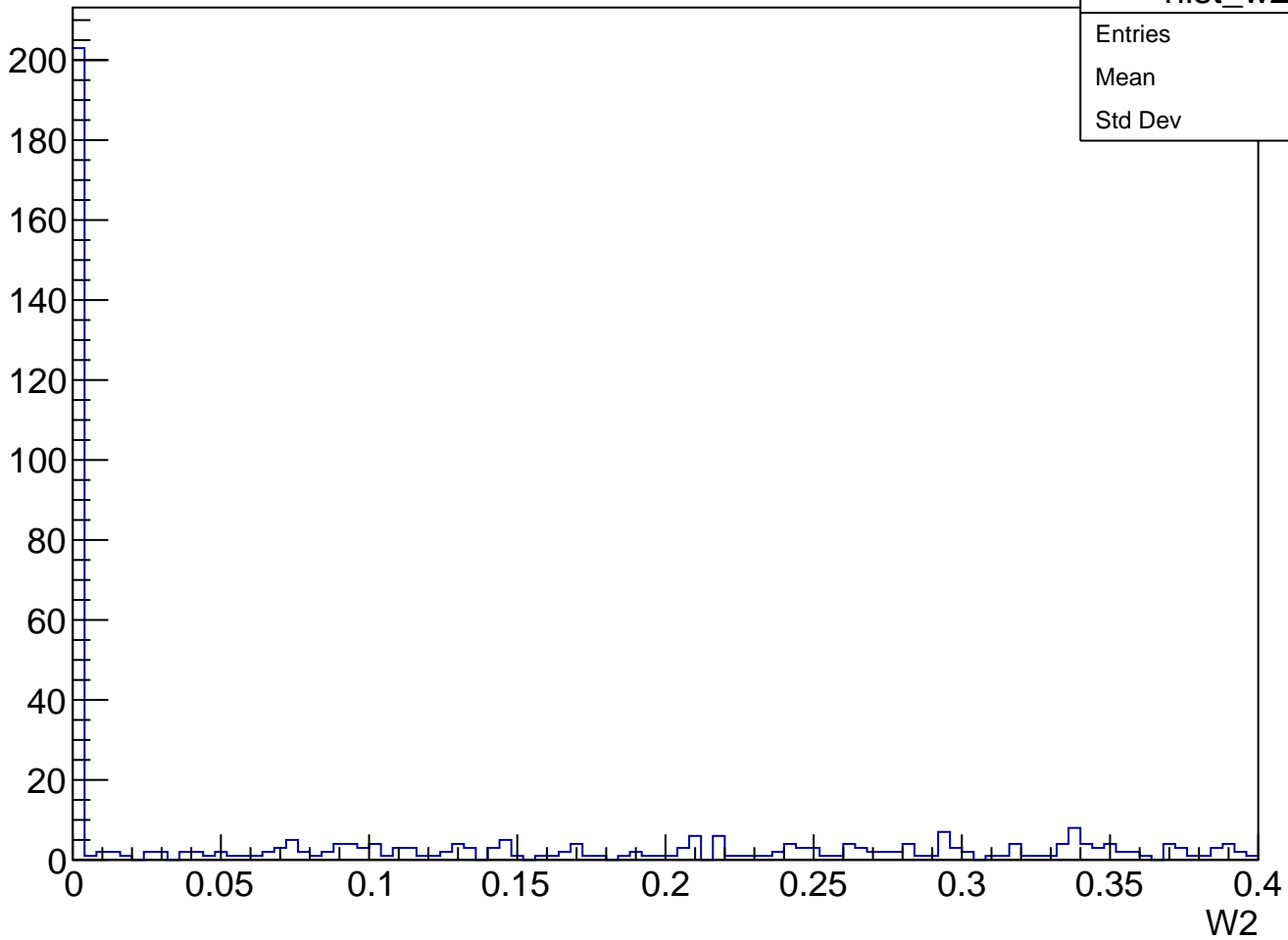
Counts



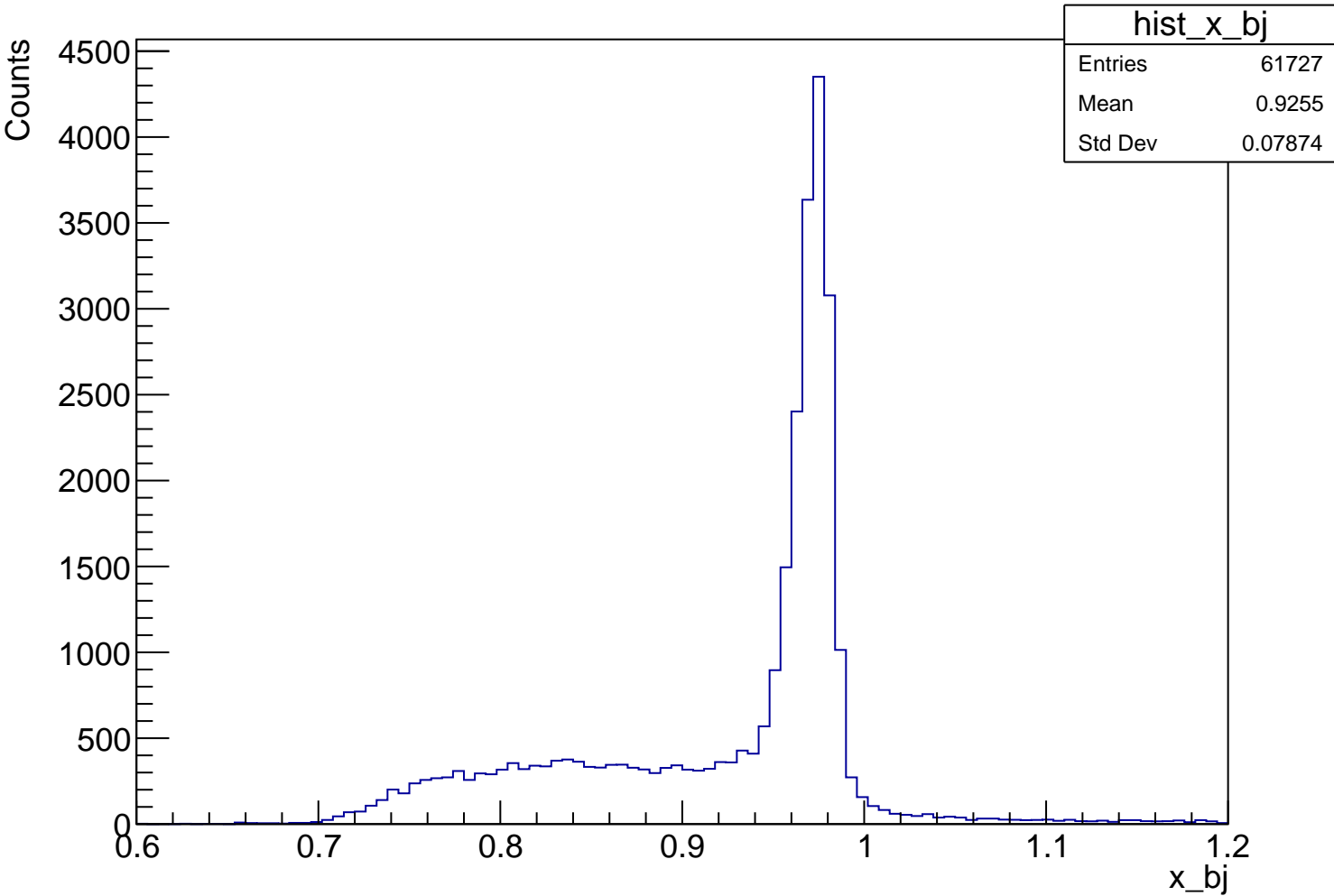
H.gtr.th

Run 2914: H.kin.W2

Counts

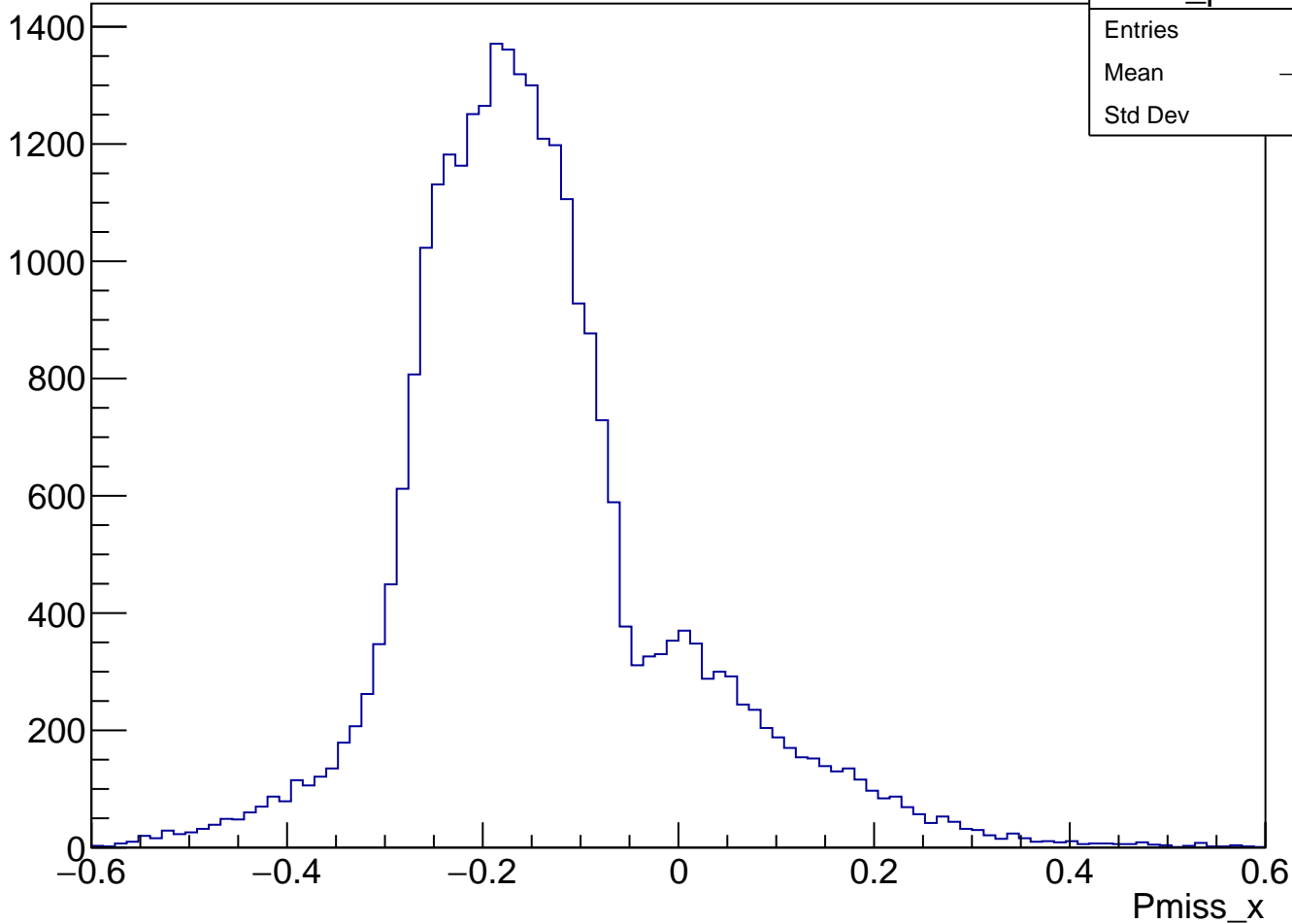


Run 2914: H.kin.x_bj



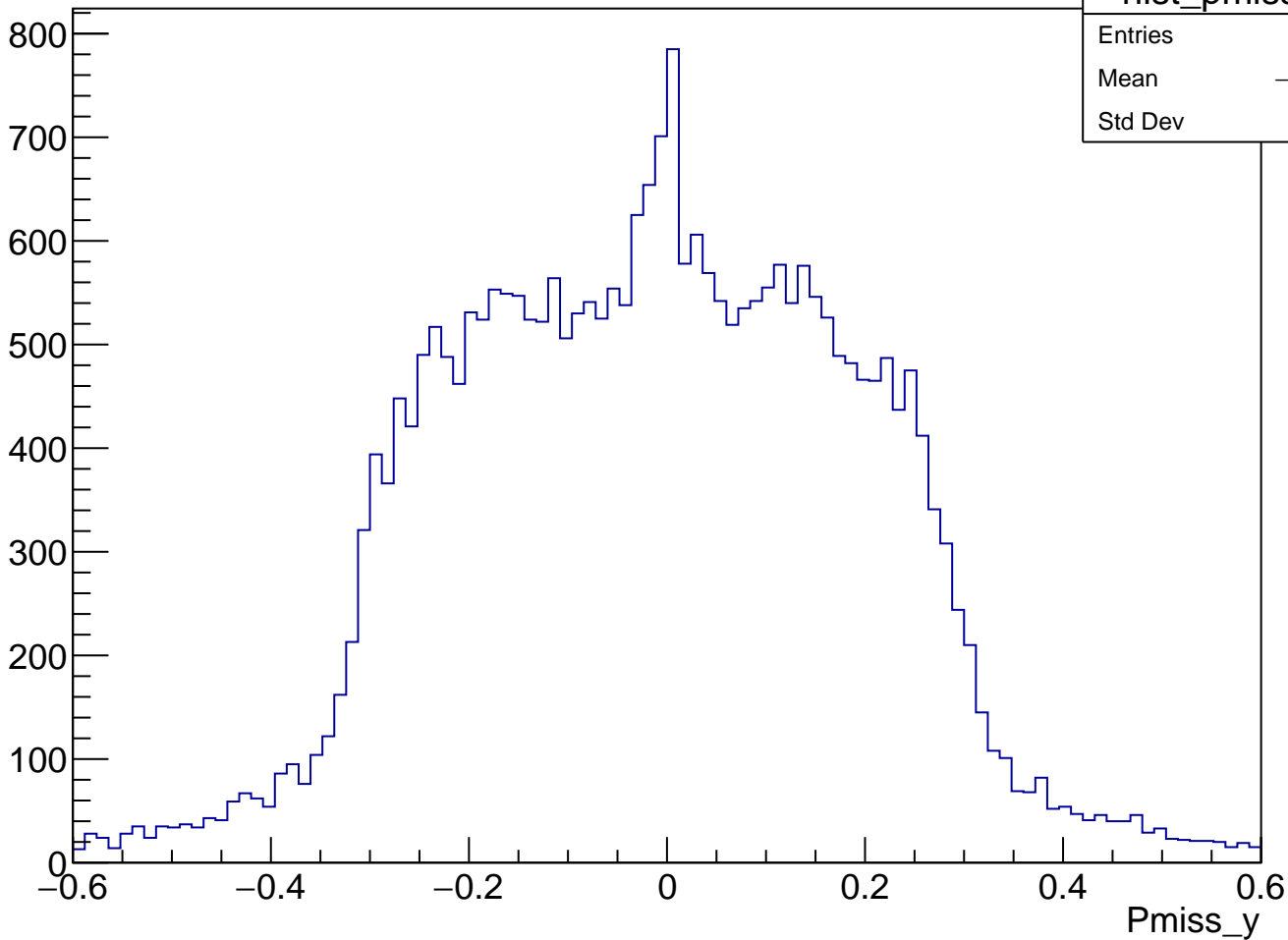
Run 2914: NPS.kin.secondary.pmiss_x

Counts



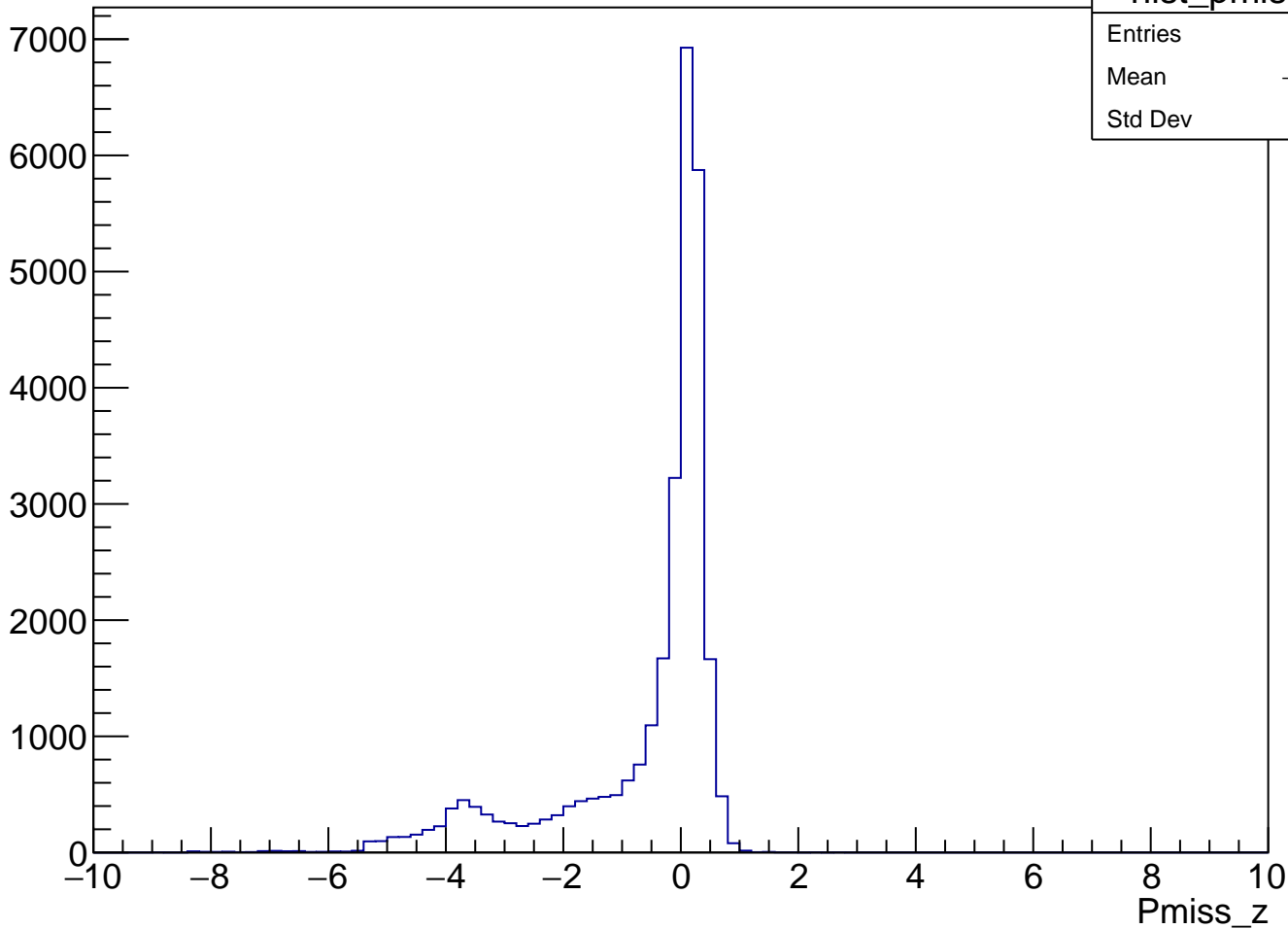
Run 2914: NPS.kin.secondary.pmiss_y

Counts



Run 2914: NPS.kin.secondary.pmiss_z

Counts



hist_pmiss_z

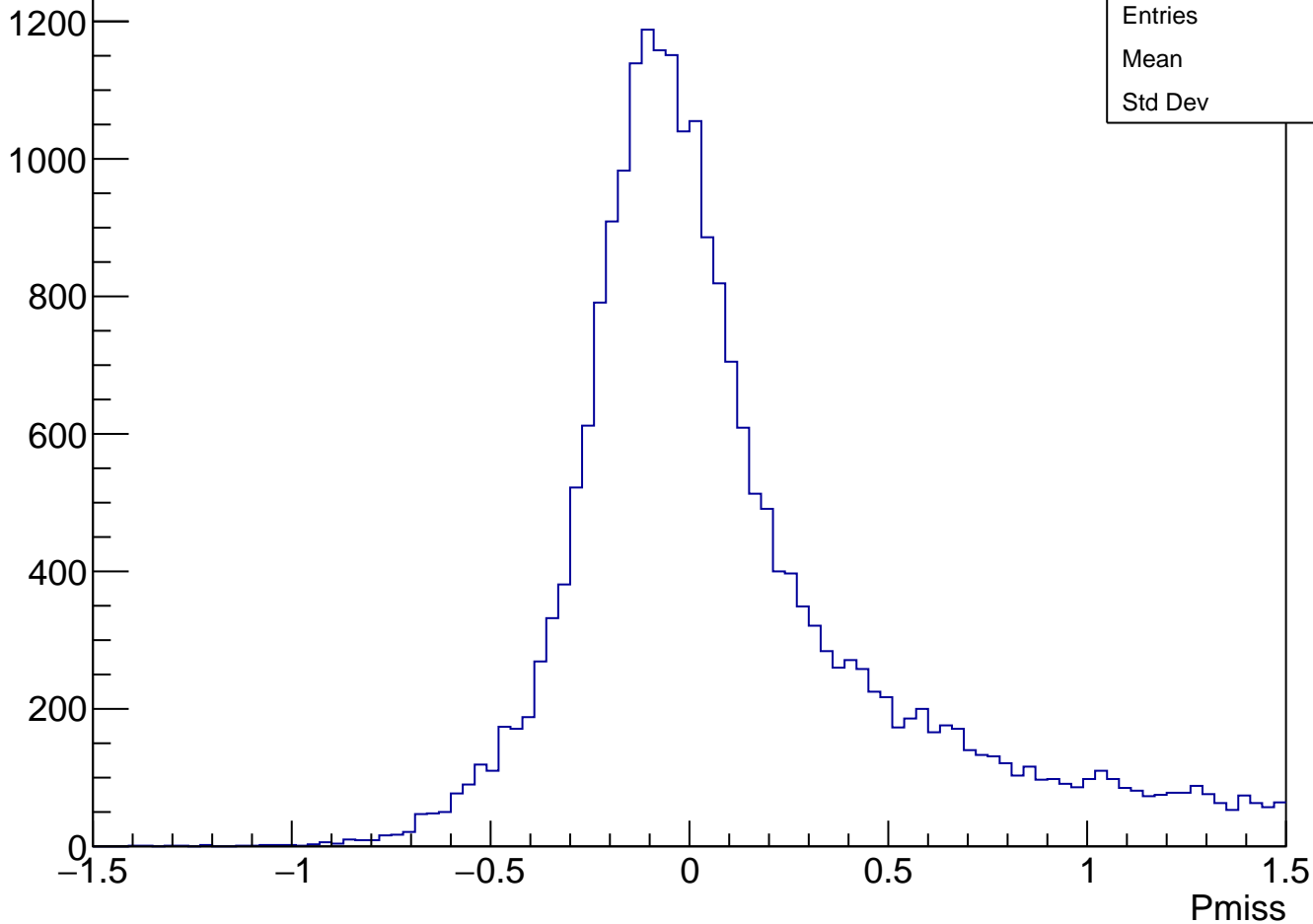
Entries 61727

Mean -0.6006

Std Dev 1.393

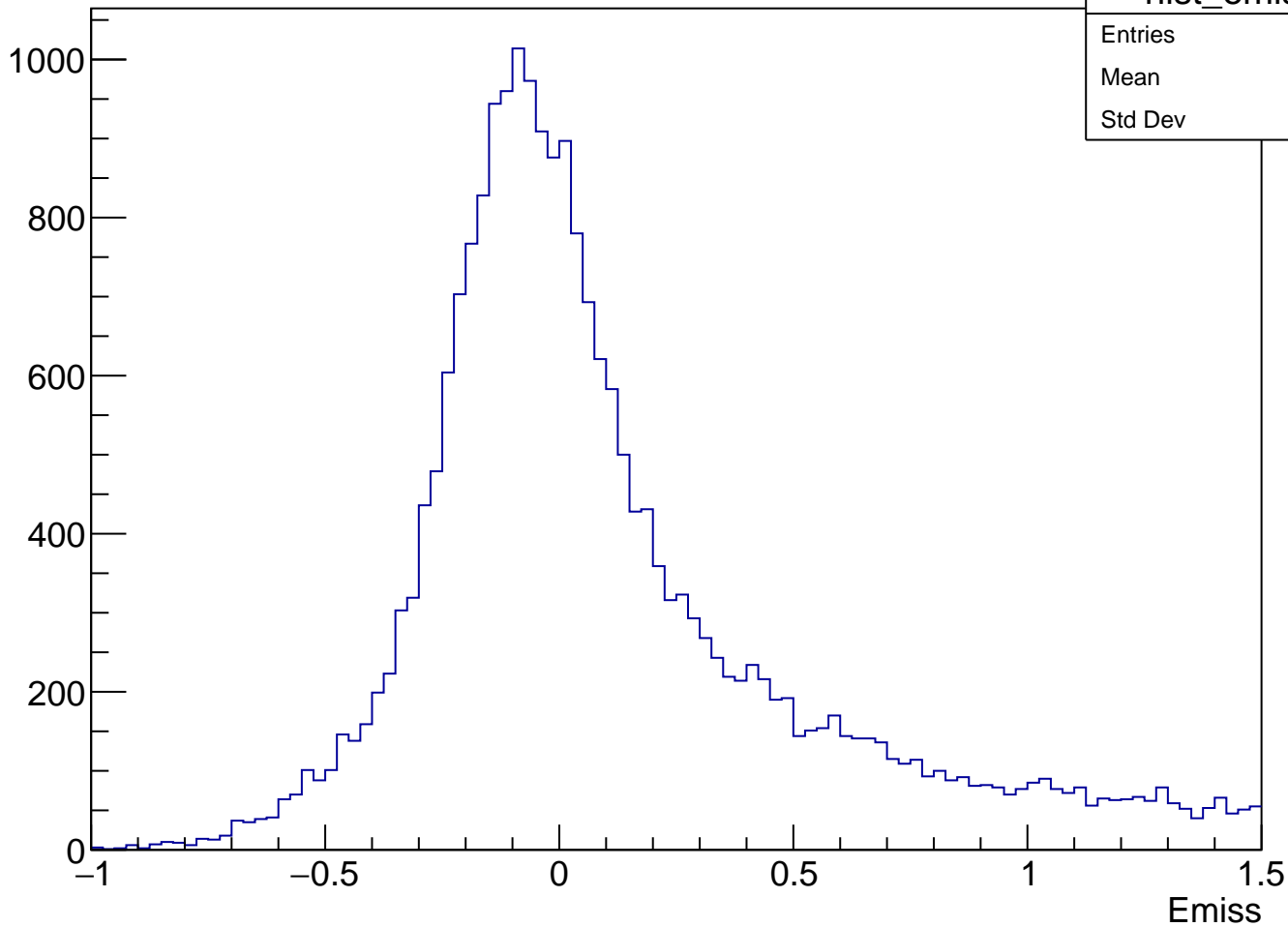
Run 2914: NPS.kin.secondary.pmiss

Counts



Run 2914: NPS.kin.secondary.emiss

Counts



Run 2914: NPS.kin.secondary.emiss_nuc

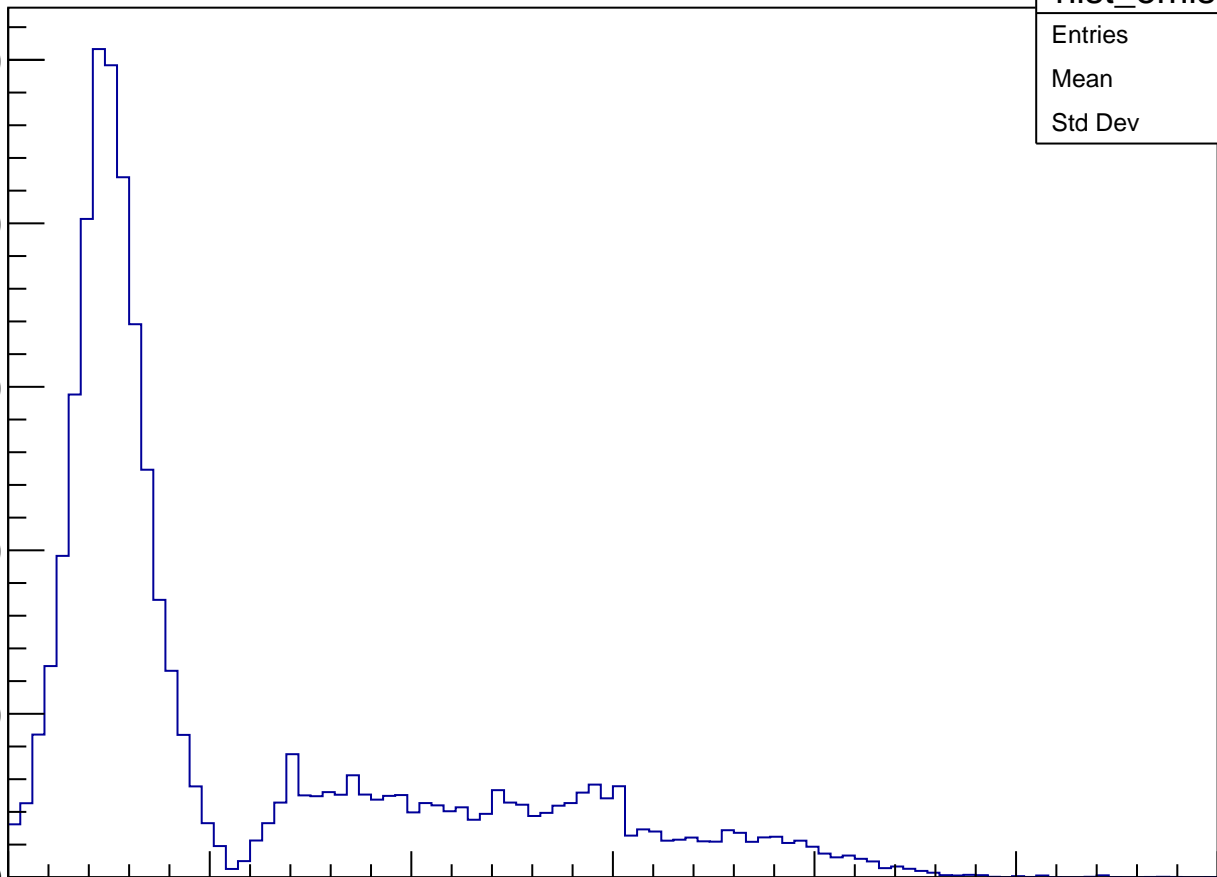
Counts

5000
4000
3000
2000
1000
0

hist_emiss_nuc	
Entries	61727
Mean	-0.9024
Std Dev	0.542

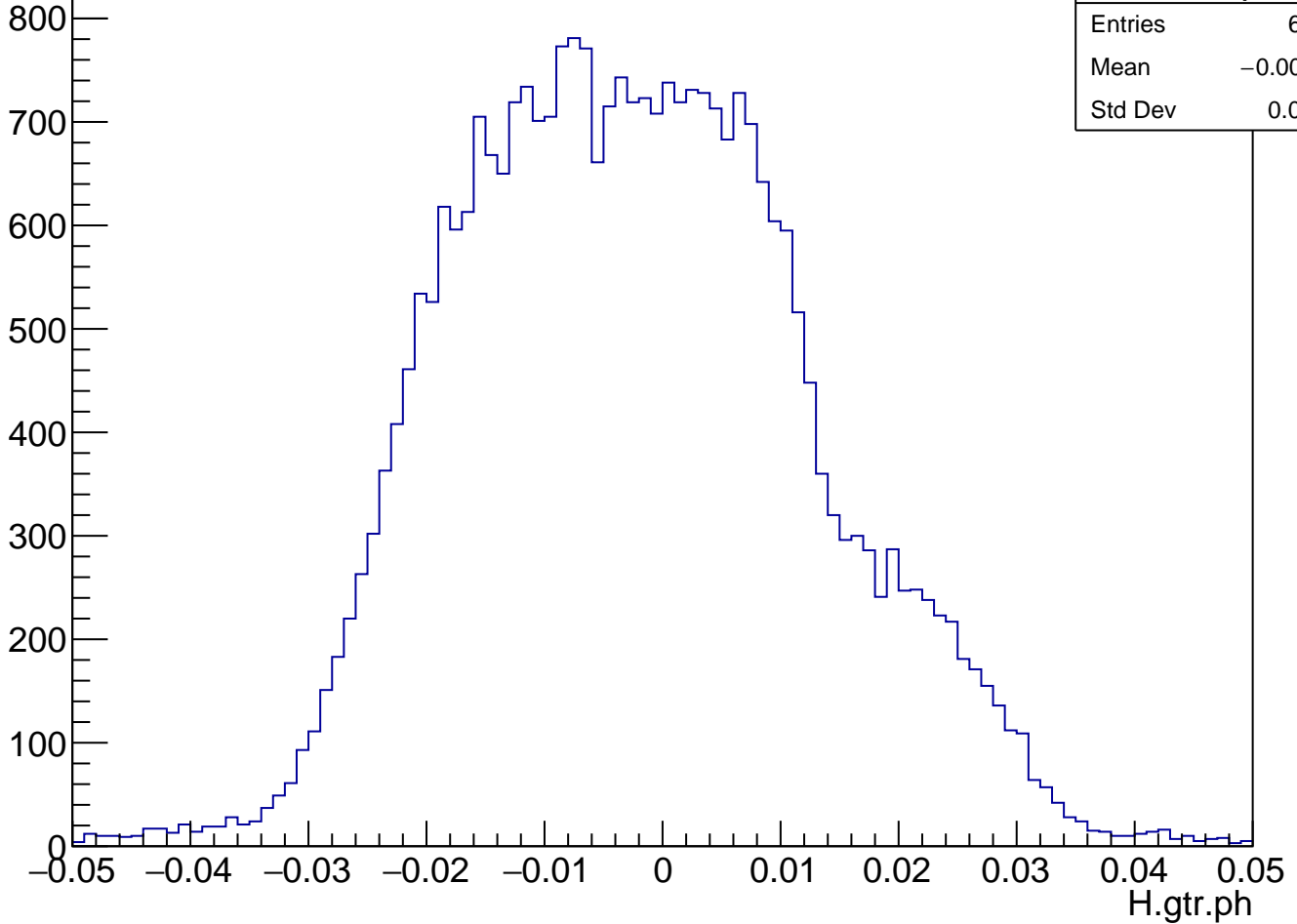
-1.5 -1 -0.5 0 0.5 1 1.5

Emiss_nuc



Run 2914: H.gtr.ph

Counts



hist_ph

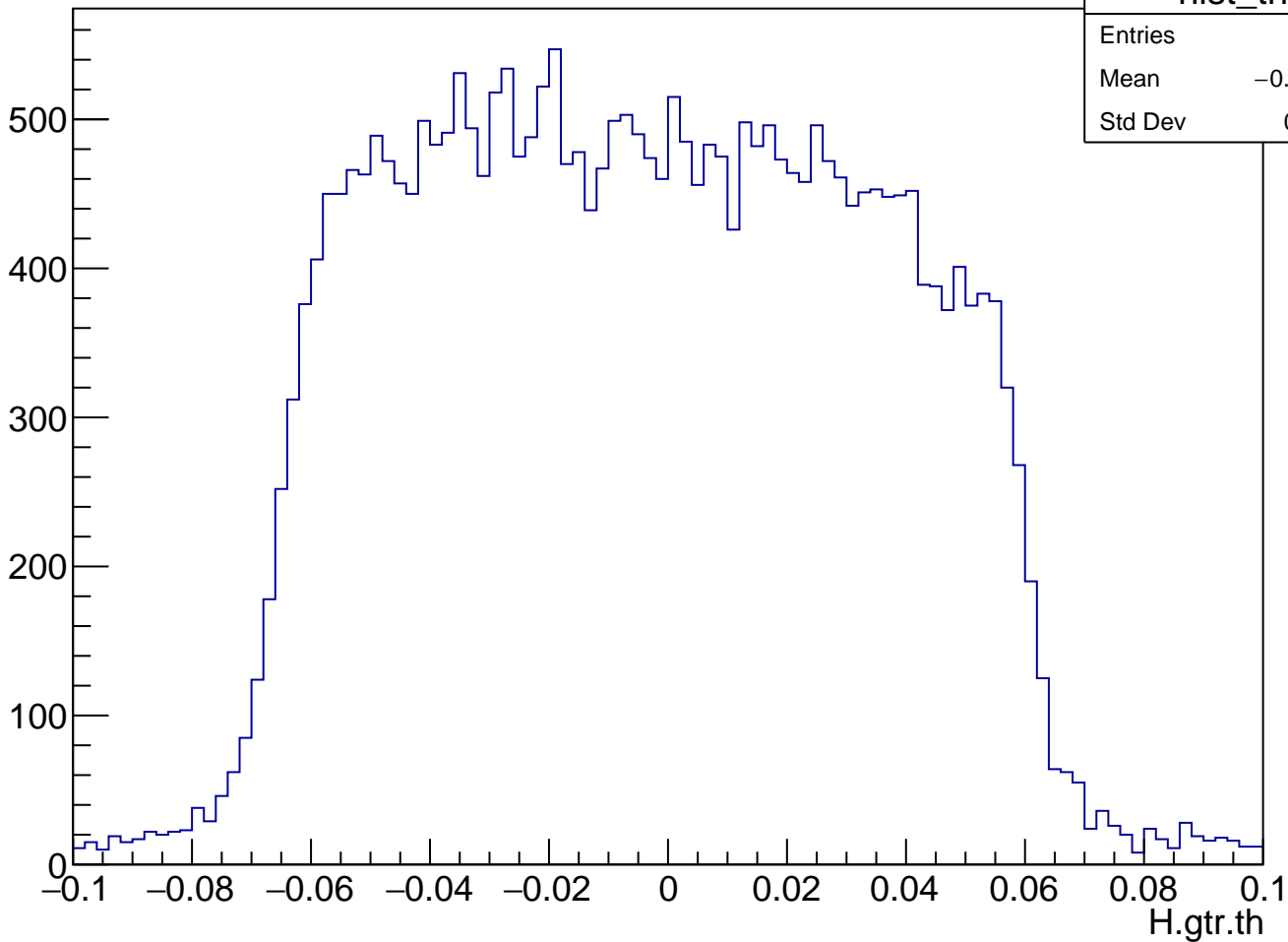
Entries 61727

Mean -0.002412

Std Dev 0.01477

Run 2914: H.gtr.th

Counts



H.gtr.th

Run 2915: H.kin.W2

Counts

180
160
140
120
100
80
60
40
20
0

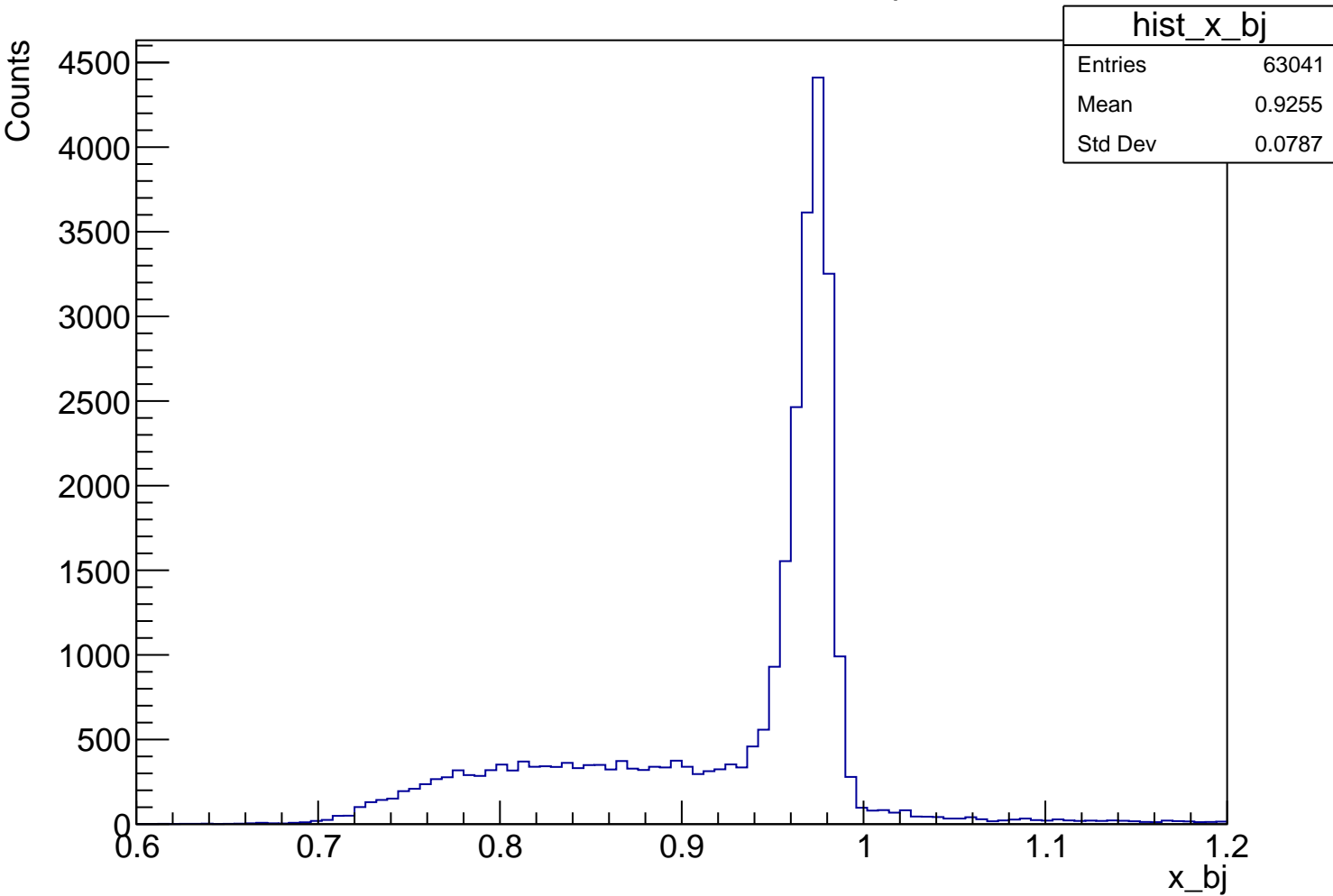
0 0.05 0.1 0.15 0.2 0.25 0.3 0.35 0.4

W2

hist_w2

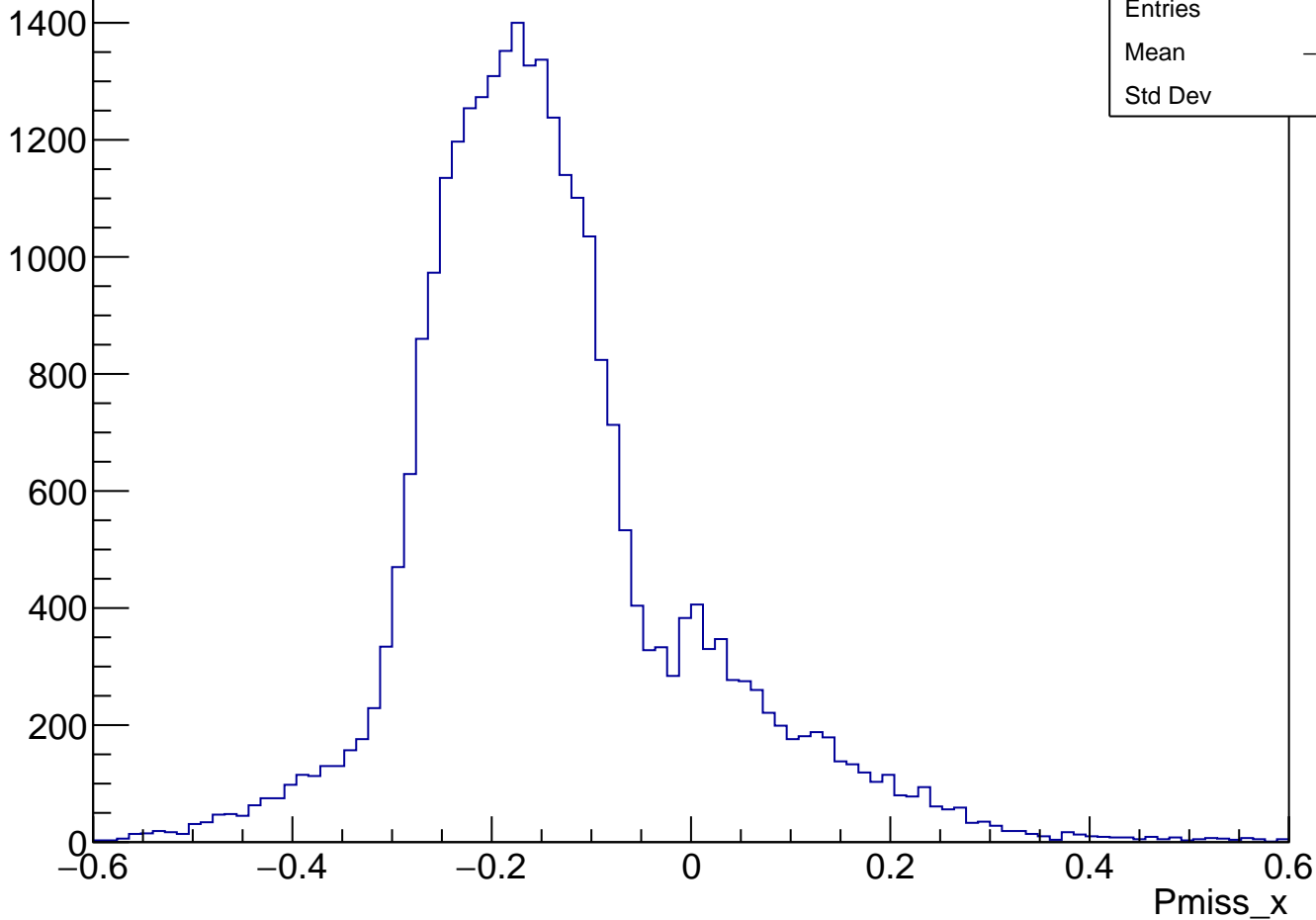
Entries	63041
Mean	0.1152
Std Dev	0.1352

Run 2915: H.kin.x_bj

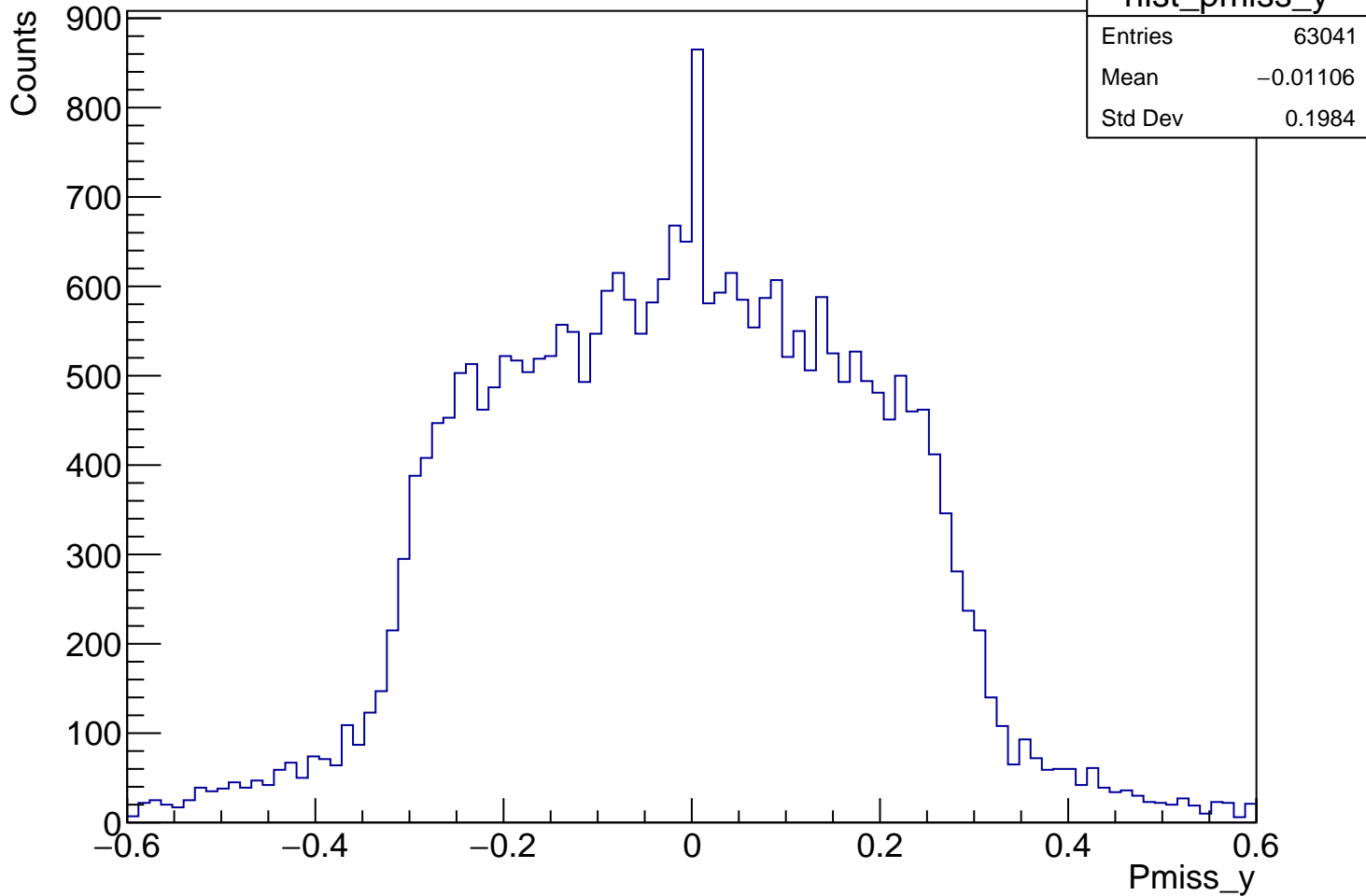


Run 2915: NPS.kin.secondary.pmiss_x

Counts

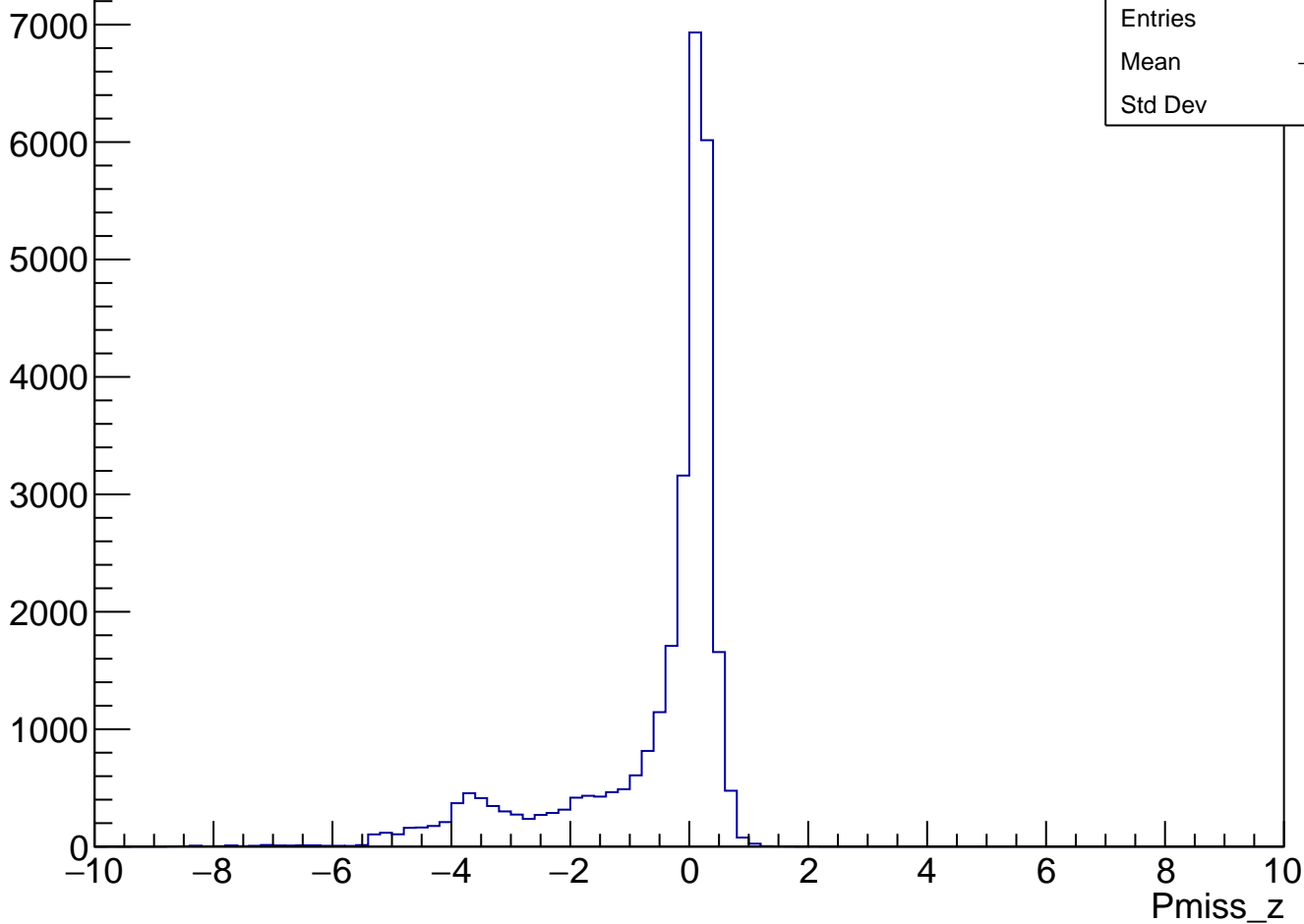


Run 2915: NPS.kin.secondary.pmiss_y



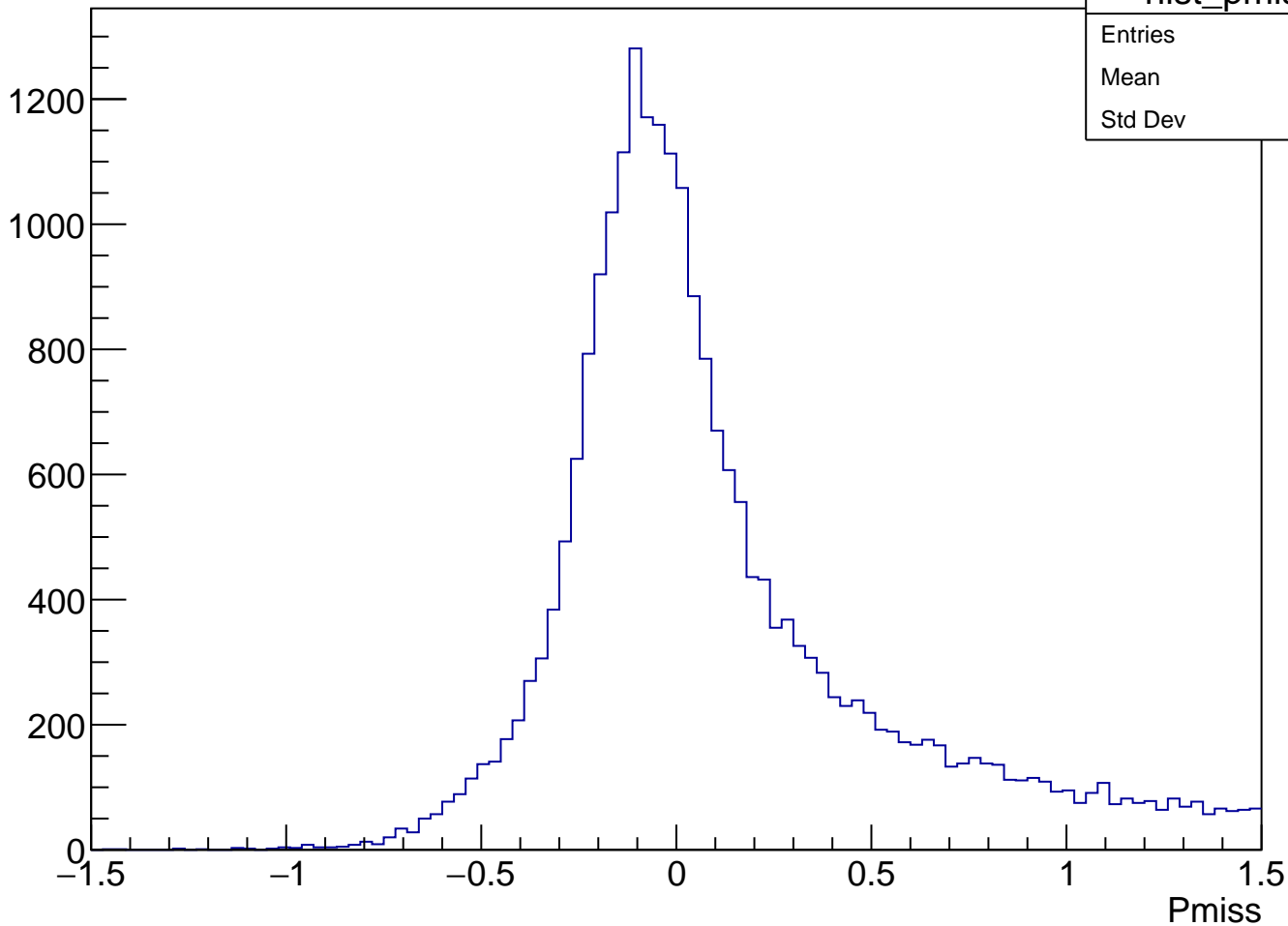
Run 2915: NPS.kin.secondary.pmiss_z

Counts

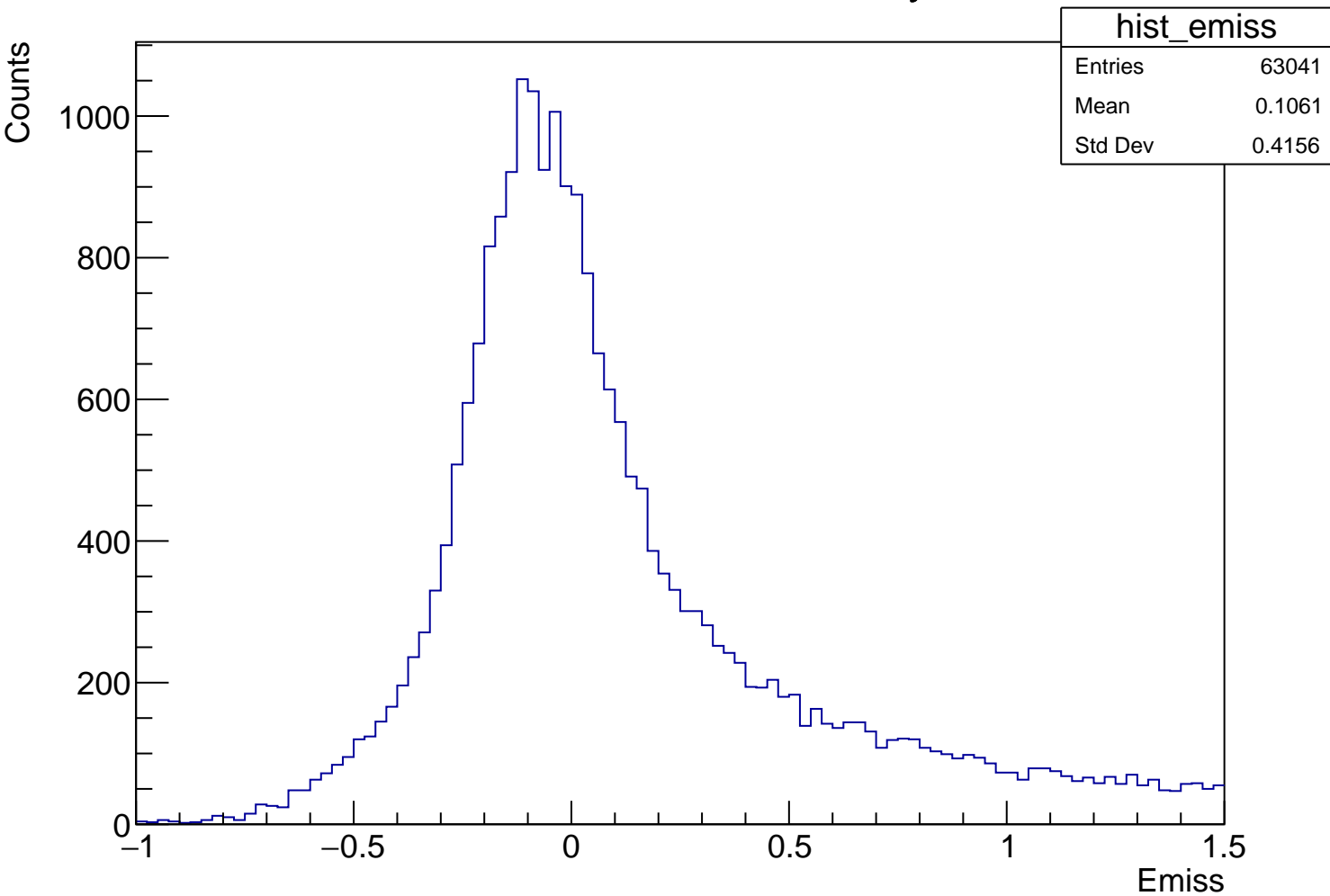


Run 2915: NPS.kin.secondary.pmiss

Counts

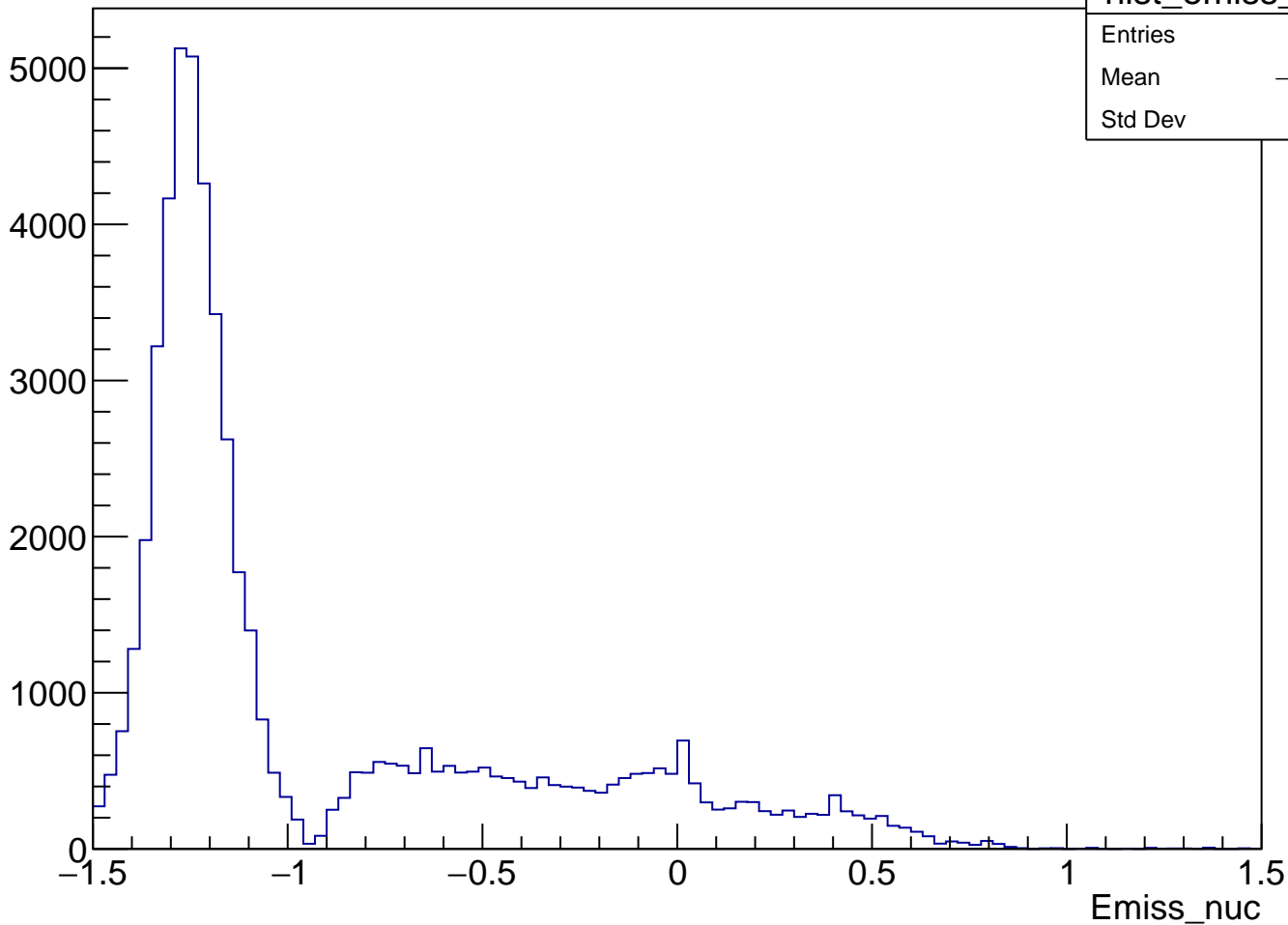


Run 2915: NPS.kin.secondary.emiss



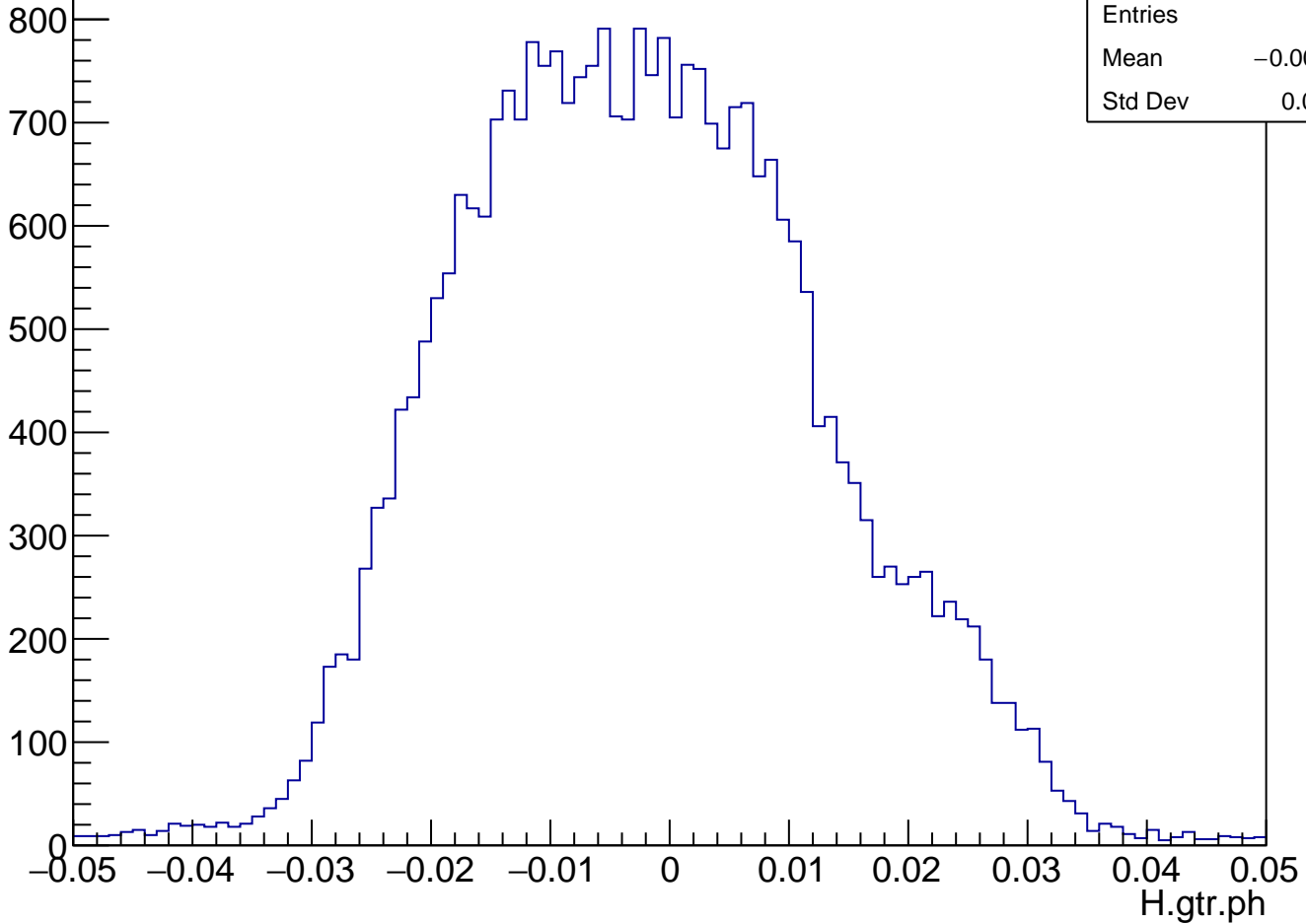
Run 2915: NPS.kin.secondary.emiss_nuc

Counts



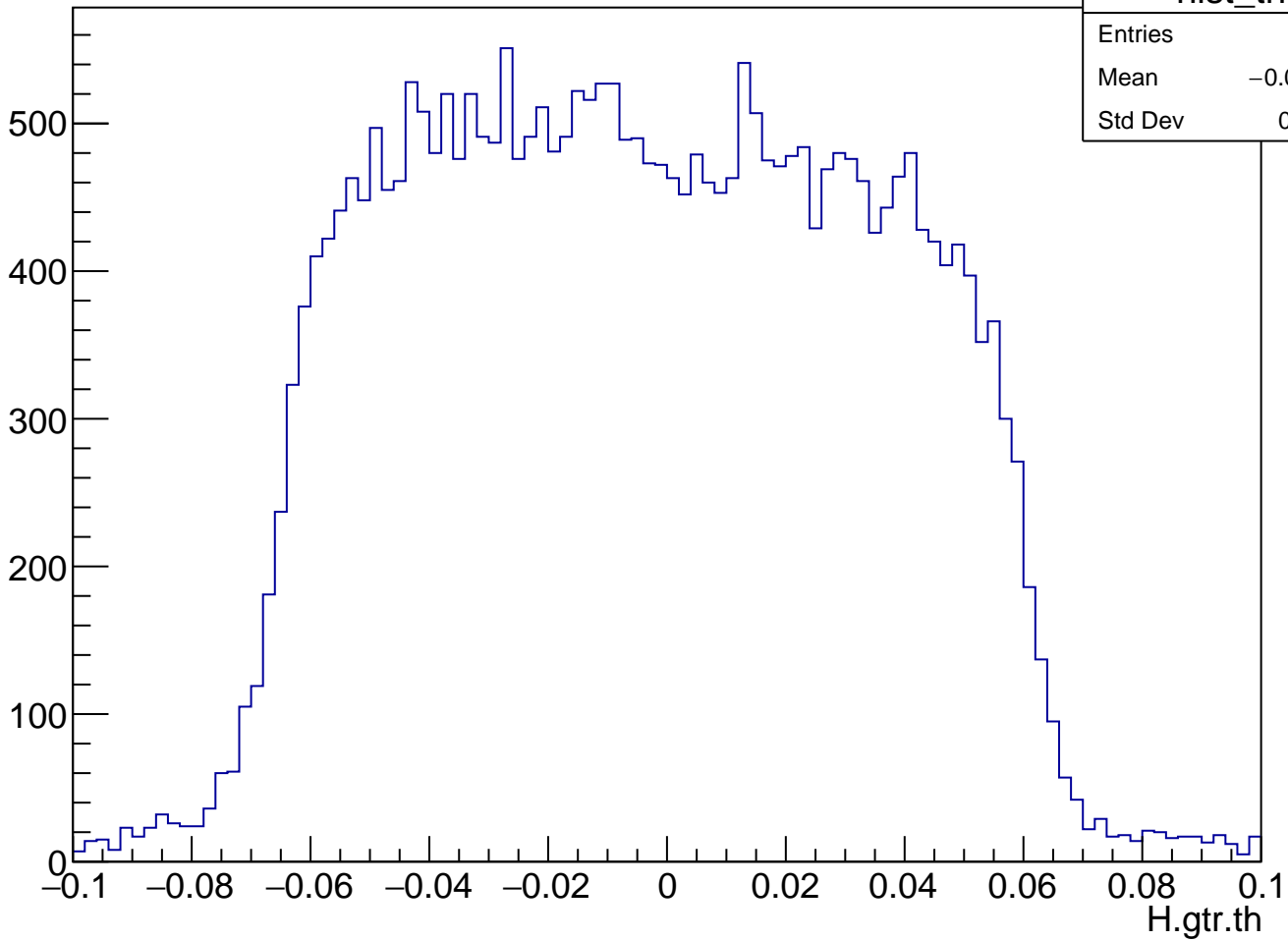
Run 2915: H.gtr.ph

Counts



Run 2915: H.gtr.th

Counts



H.gtr.th

Run 2916: H.kin.W2

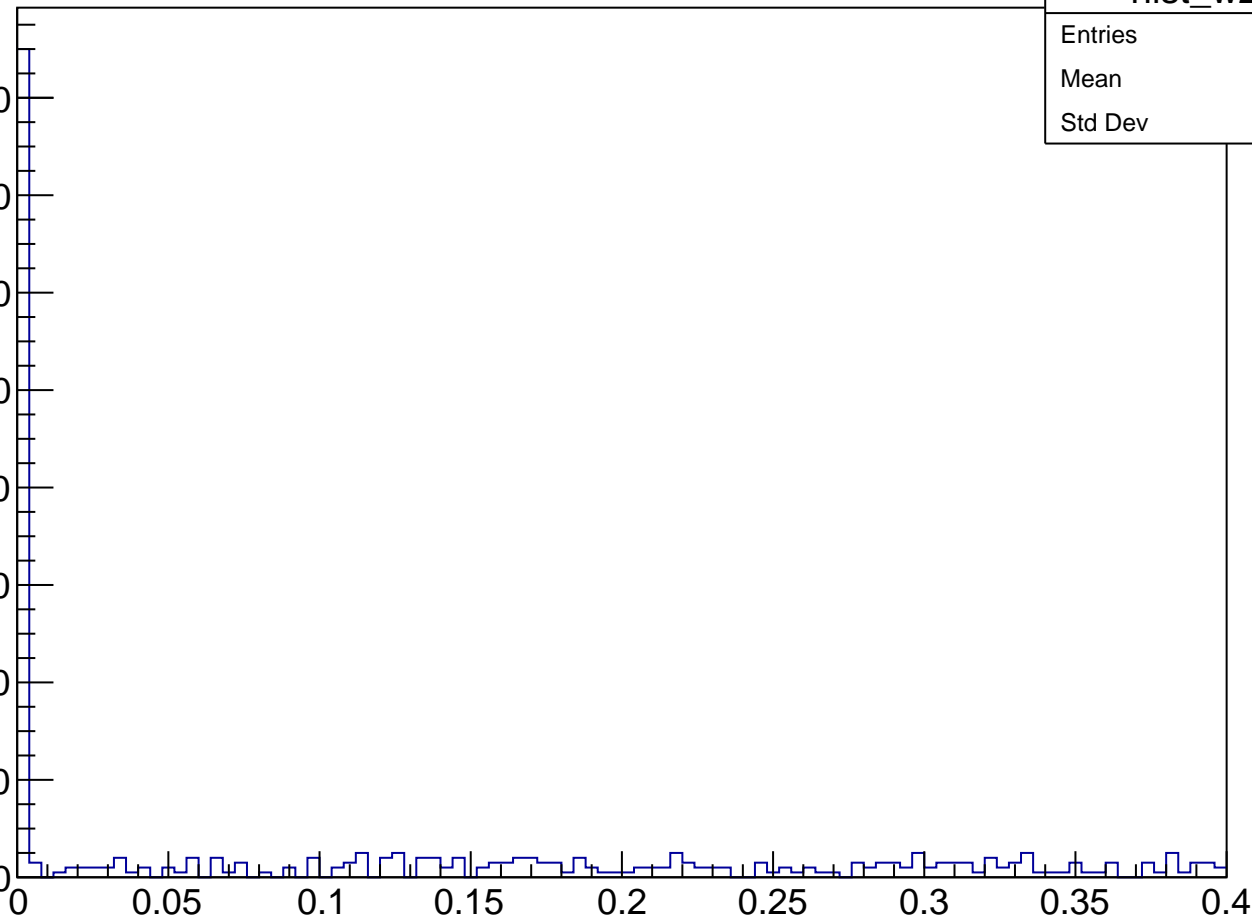
Counts

160
140
120
100
80
60
40
20
0

hist_w2

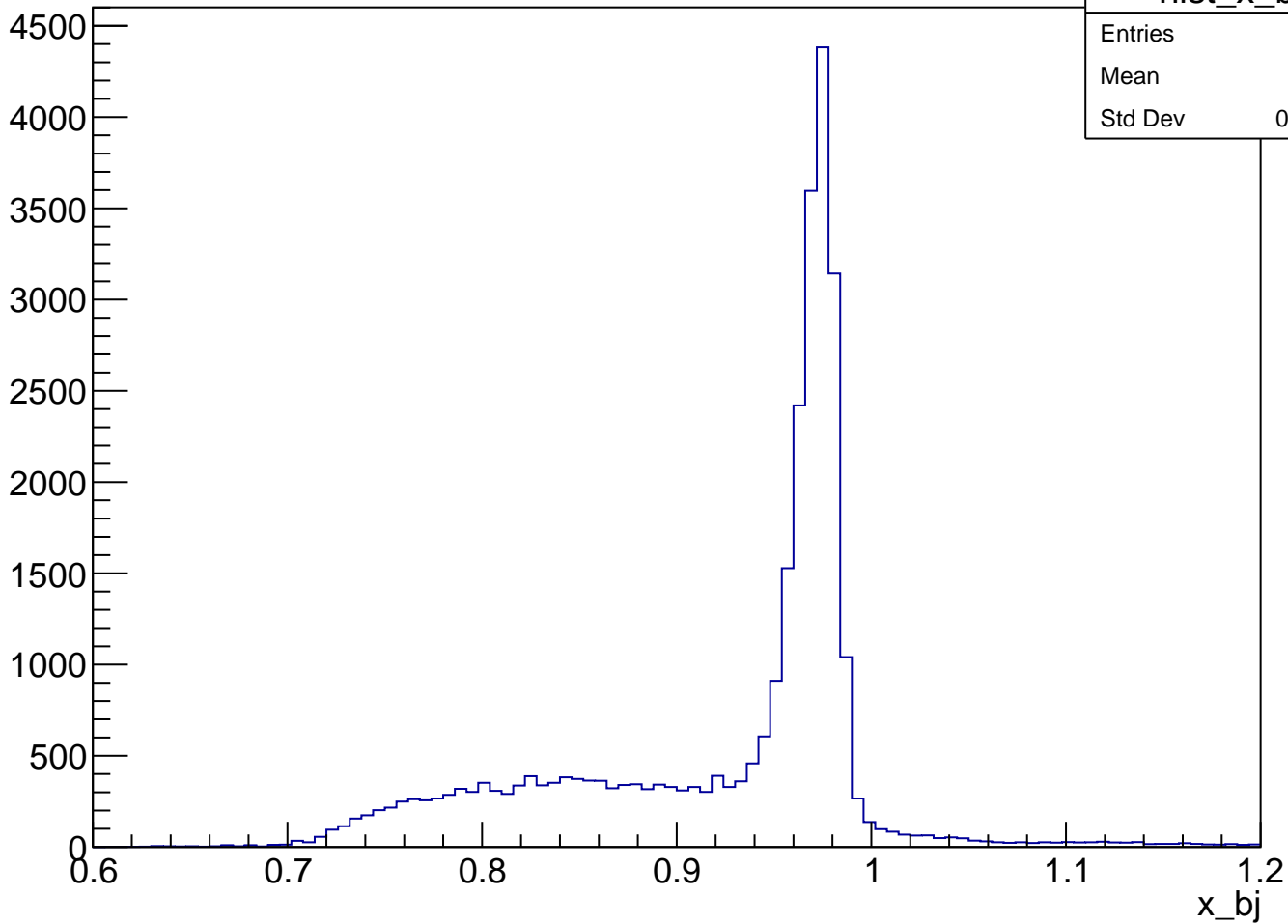
Entries	63158
Mean	0.1143
Std Dev	0.1317

W2



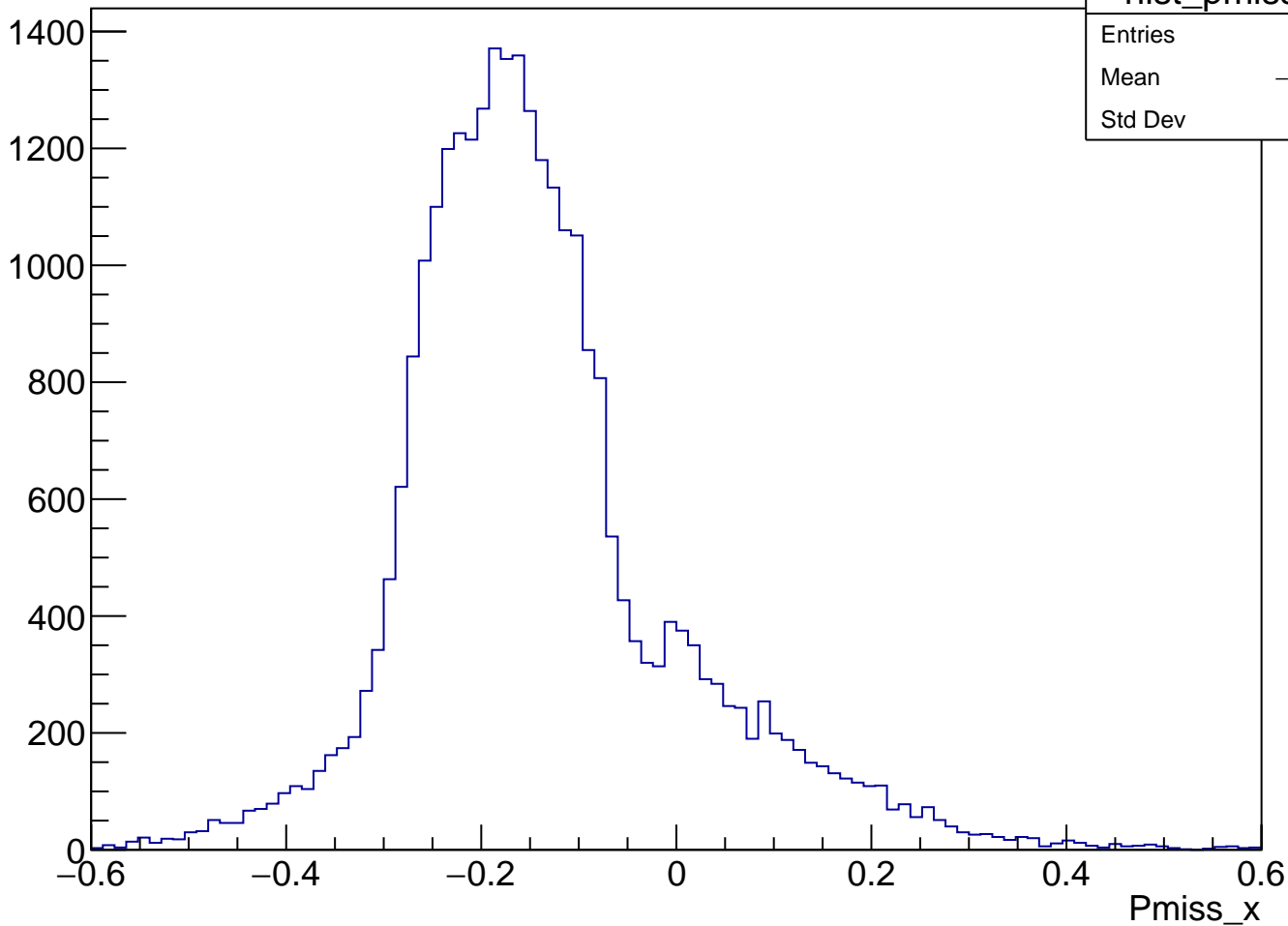
Run 2916: H.kin.x_bj

Counts

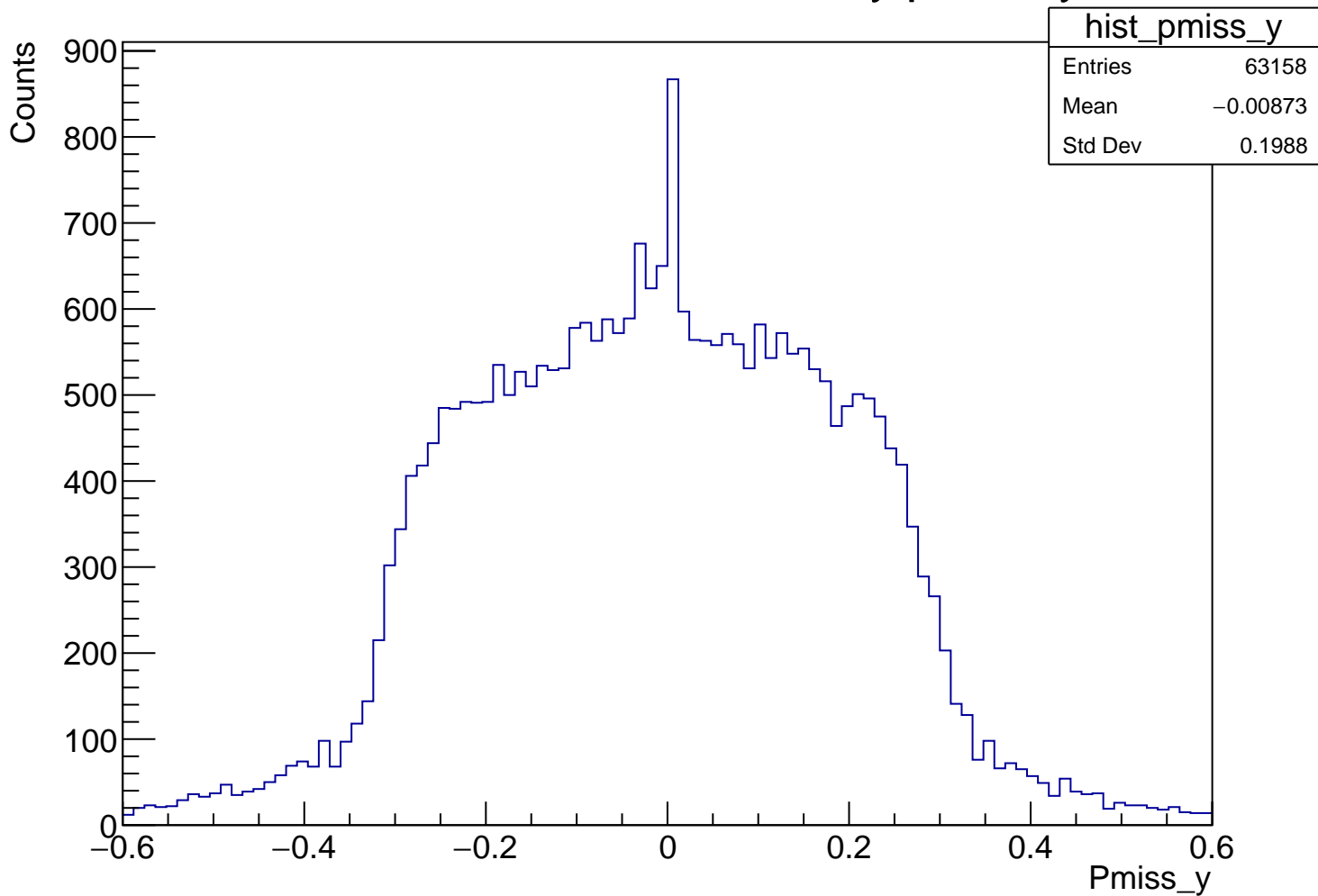


Run 2916: NPS.kin.secondary.pmiss_x

Counts

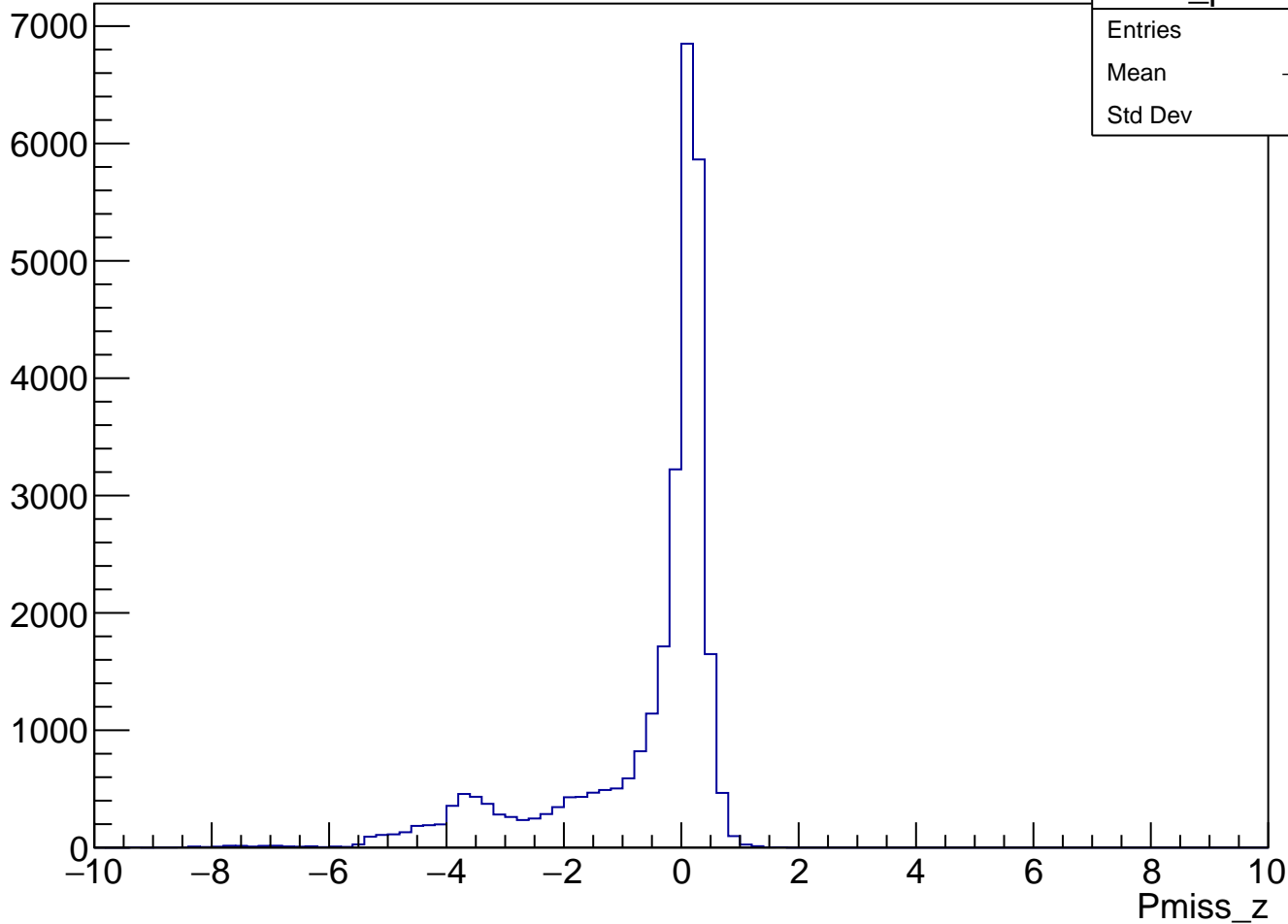


Run 2916: NPS.kin.secondary.pmiss_y



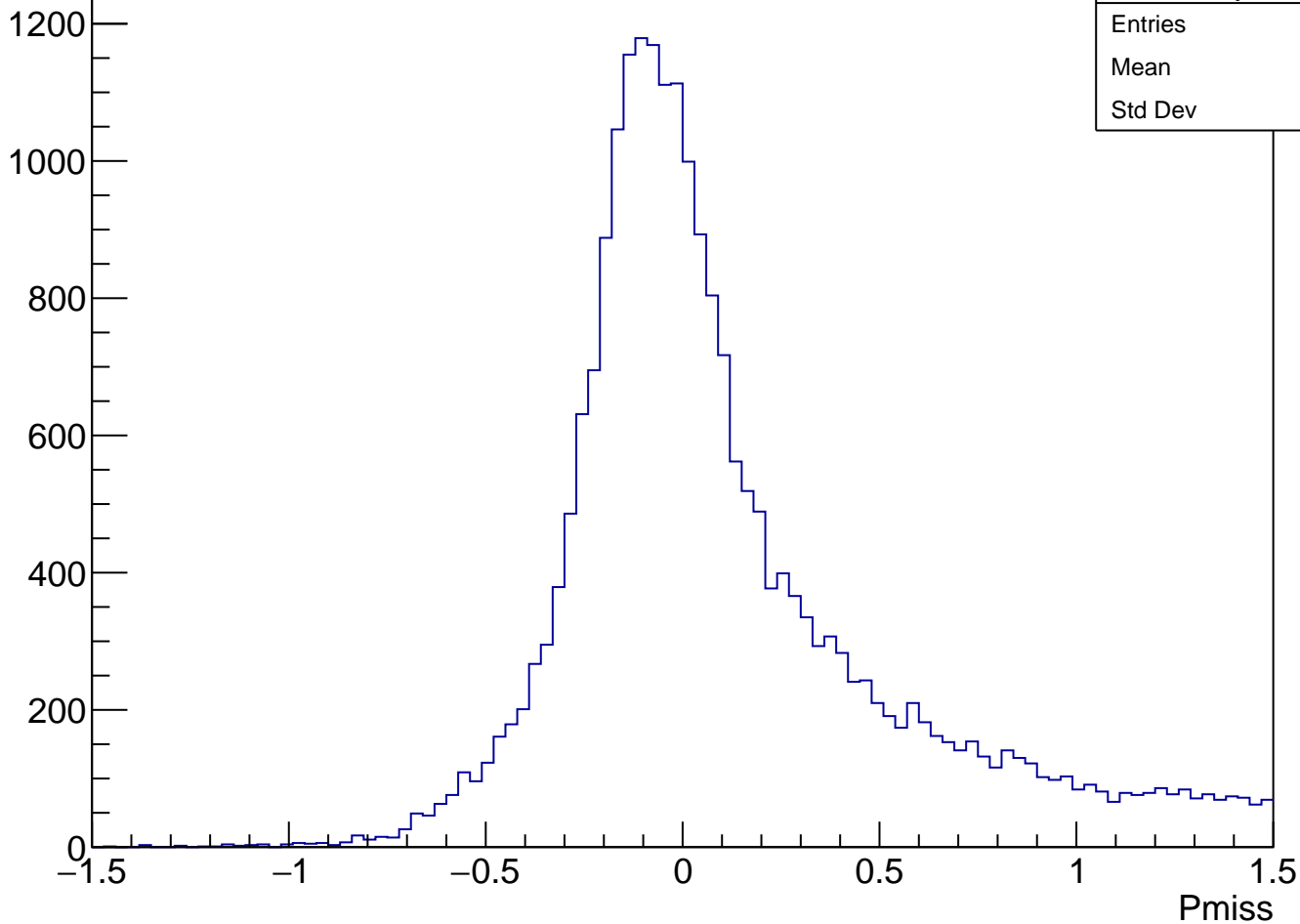
Run 2916: NPS.kin.secondary.pmiss_z

Counts



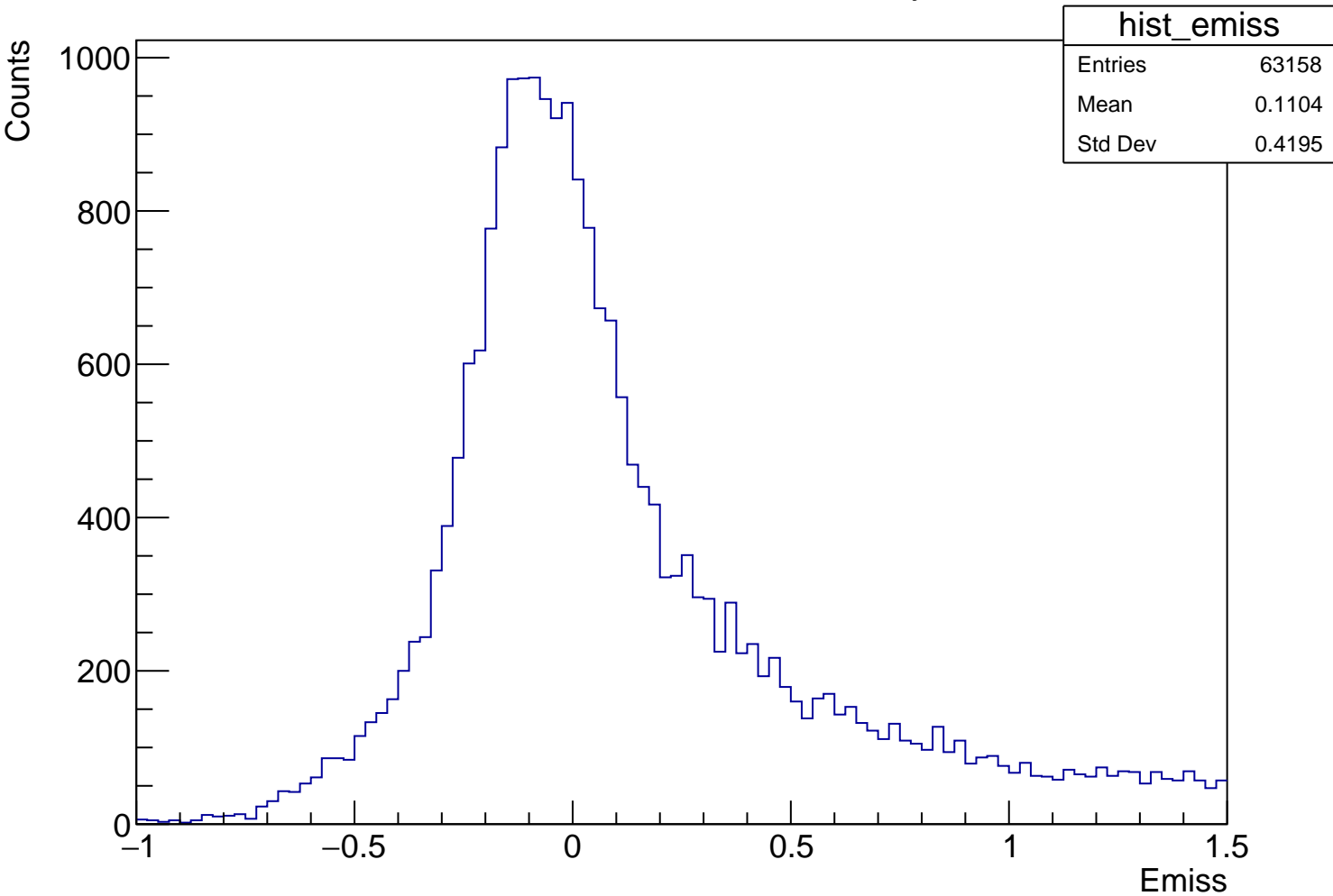
Run 2916: NPS.kin.secondary.pmiss

Counts



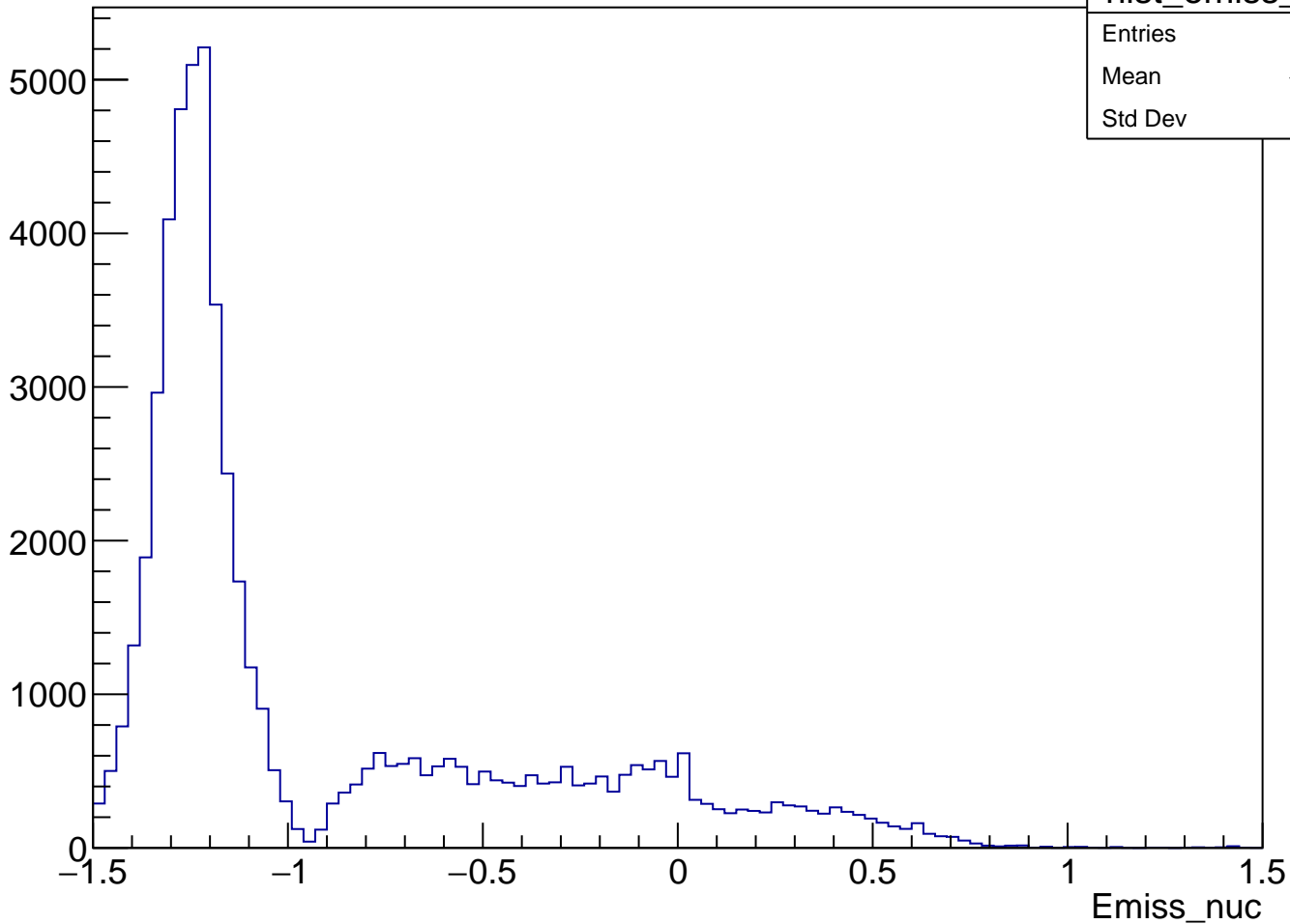
Pmiss

Run 2916: NPS.kin.secondary.emiss



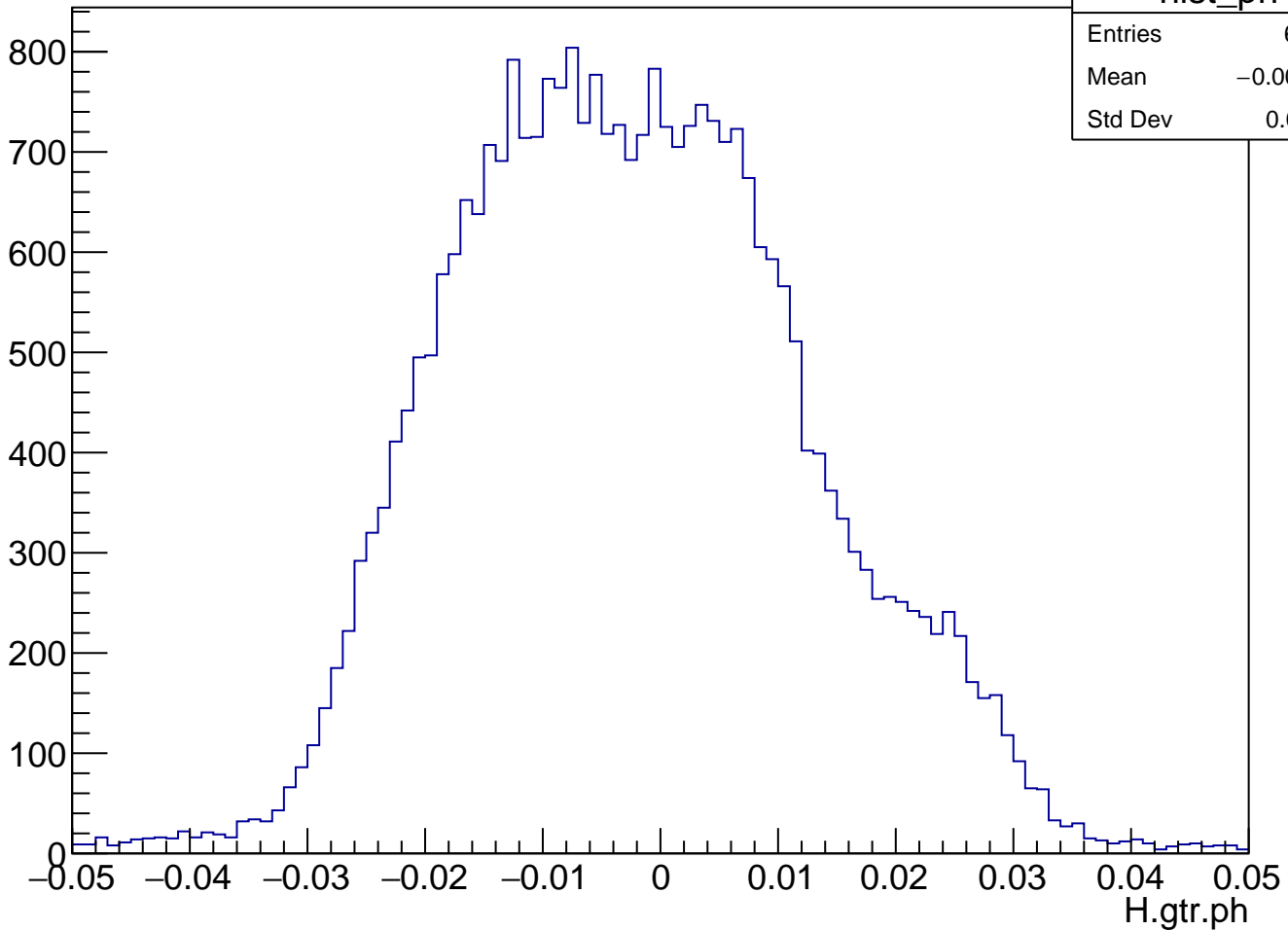
Run 2916: NPS.kin.secondary.emiss_nuc

Counts



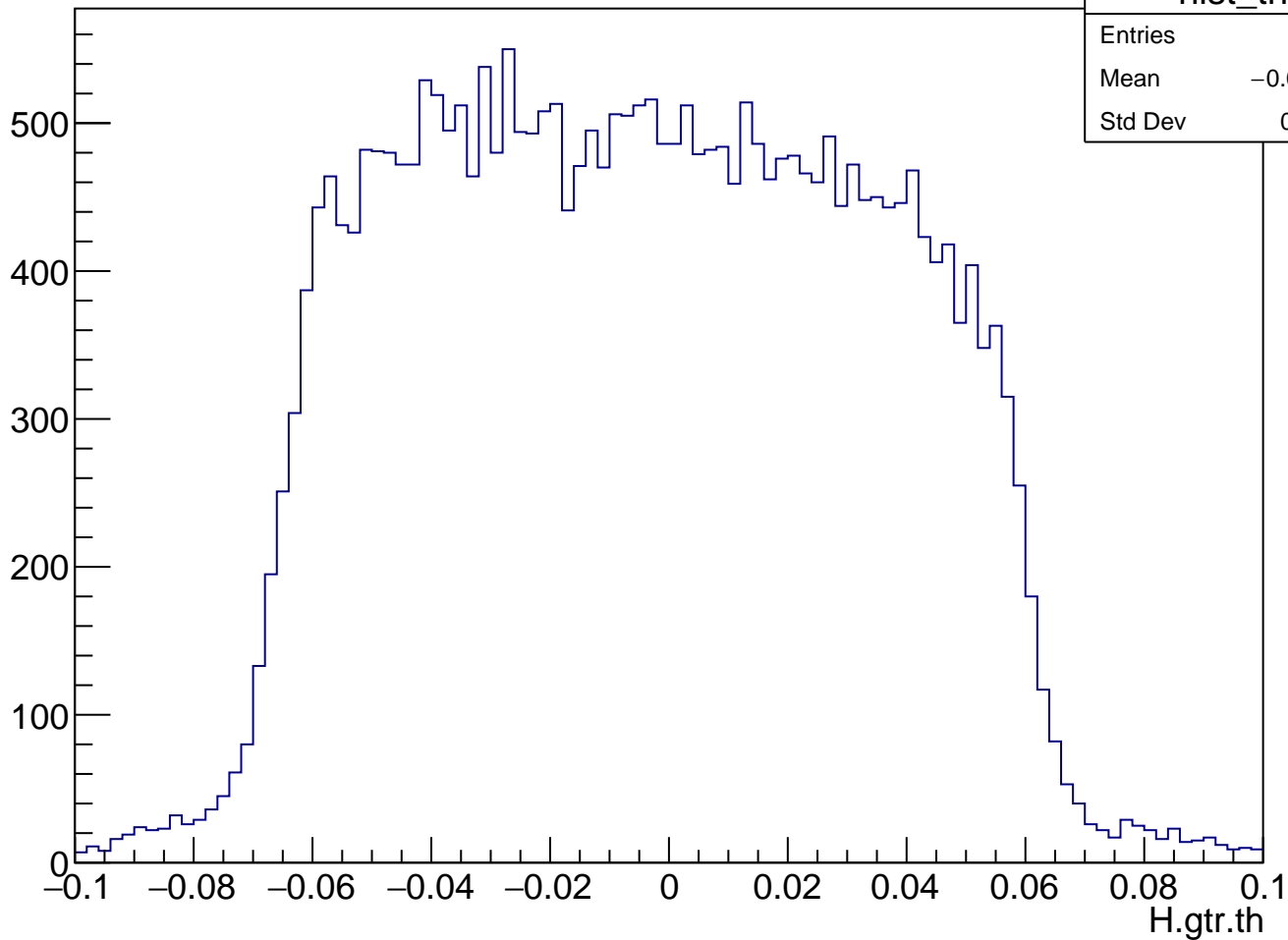
Run 2916: H.gtr.ph

Counts



Run 2916: H.gtr.th

Counts



hist_th

Entries 63158

Mean -0.004184

Std Dev 0.03743

H.gtr.th

Run 2917: H.kin.W2

Counts

100

80

60

40

20

0

0

0.05

0.1

0.15

0.2

0.25

0.3

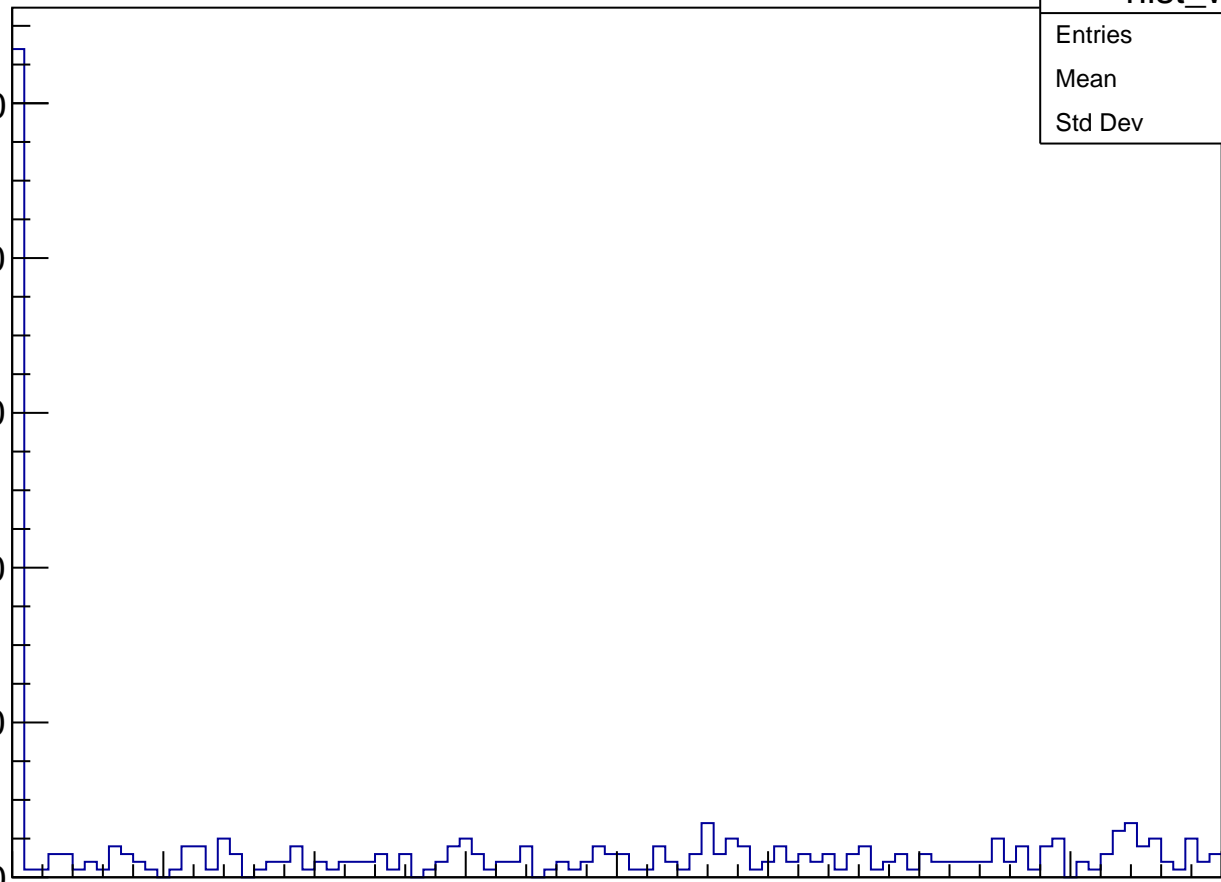
0.35

0.4

W2

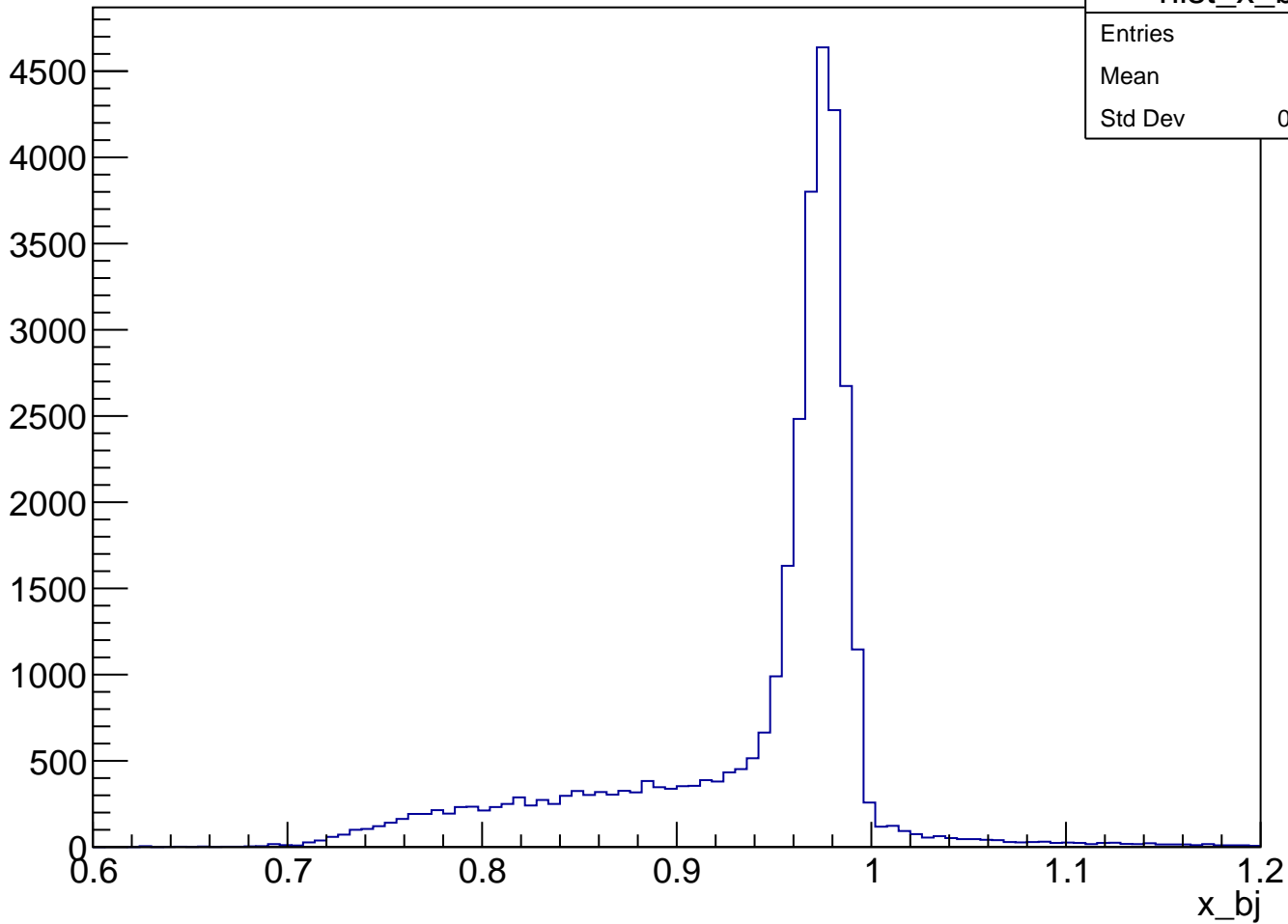
hist_w2

Entries	62087
Mean	0.1529
Std Dev	0.1391

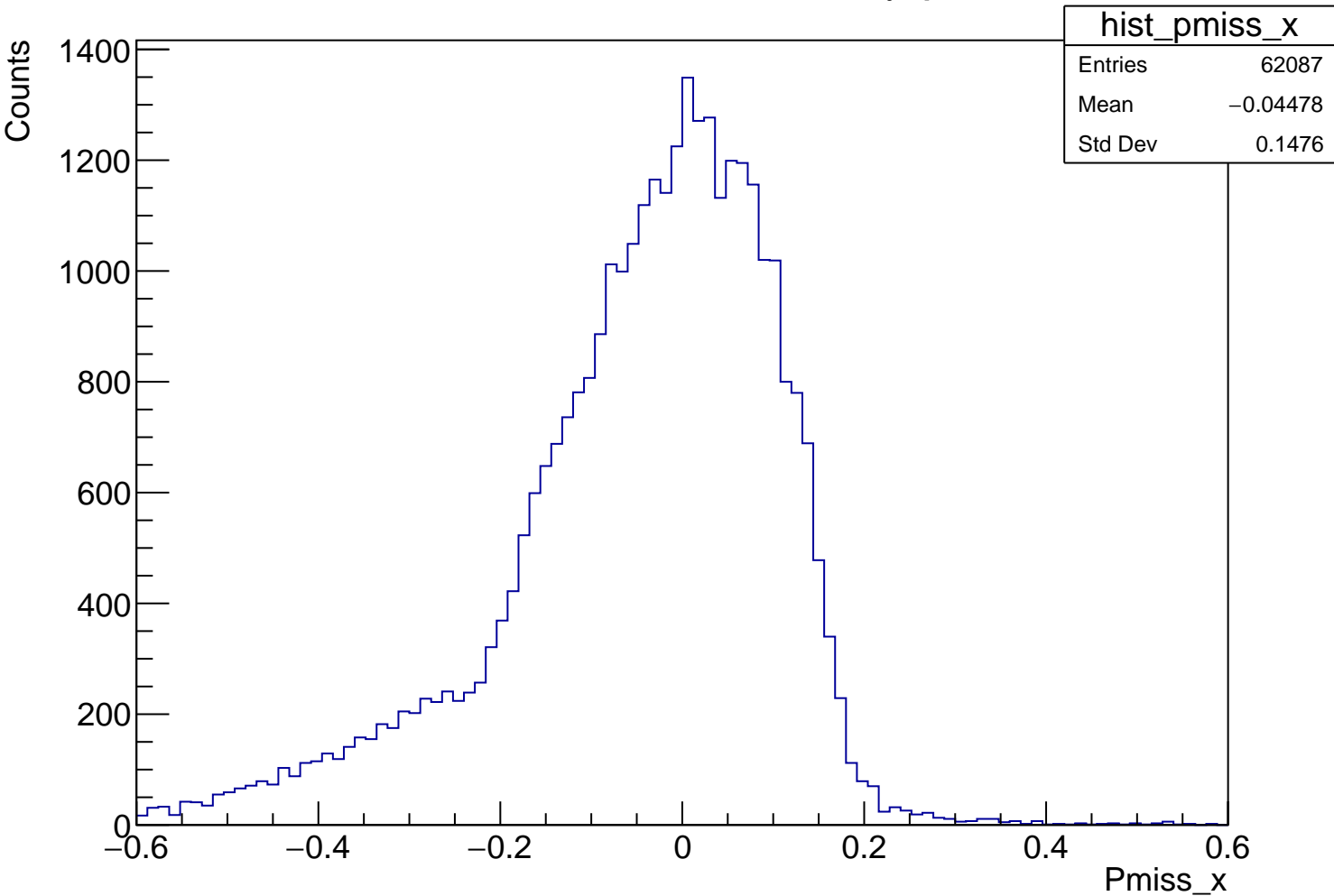


Run 2917: H.kin.x_bj

Counts

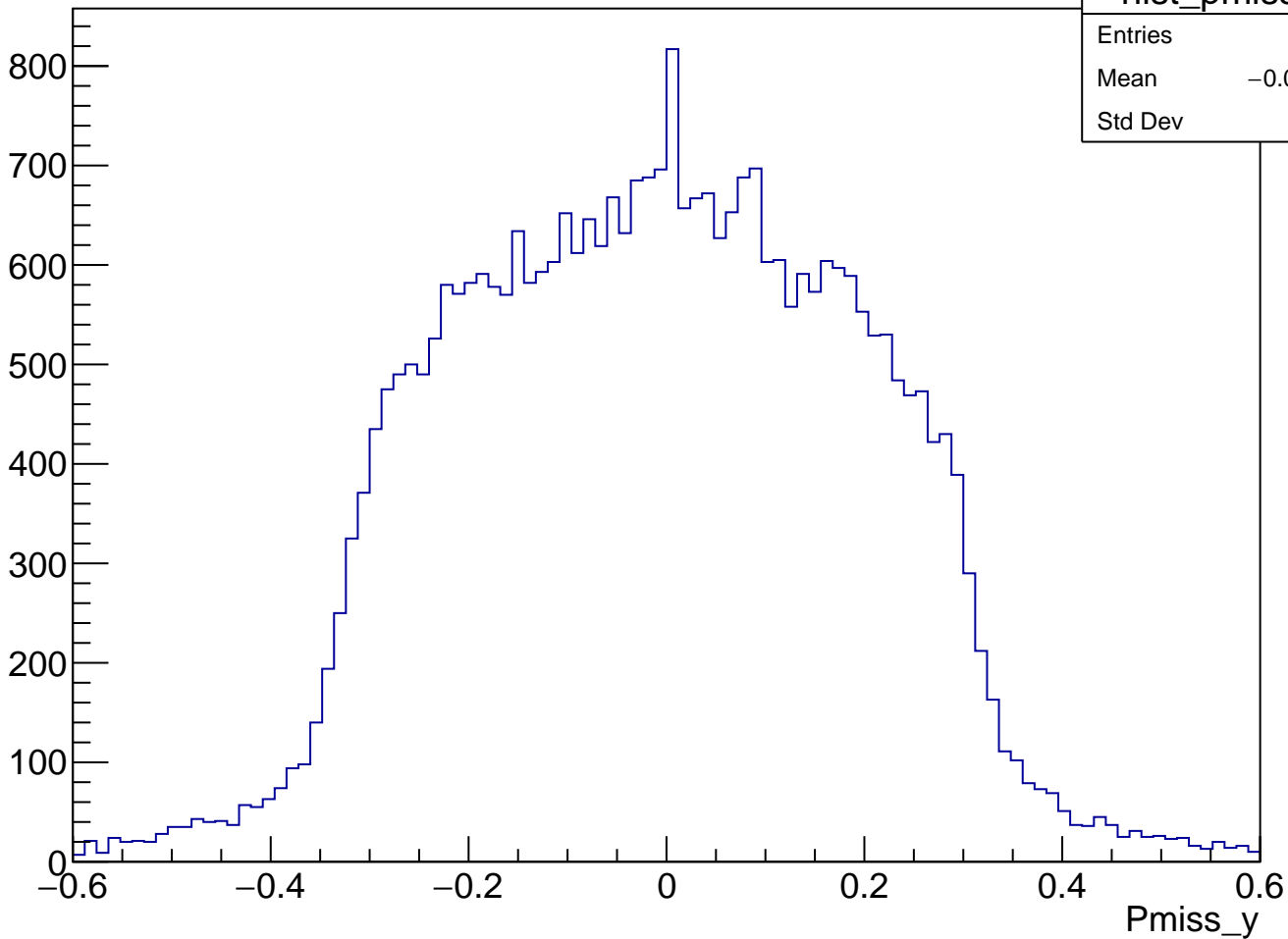


Run 2917: NPS.kin.secondary.pmiss_x



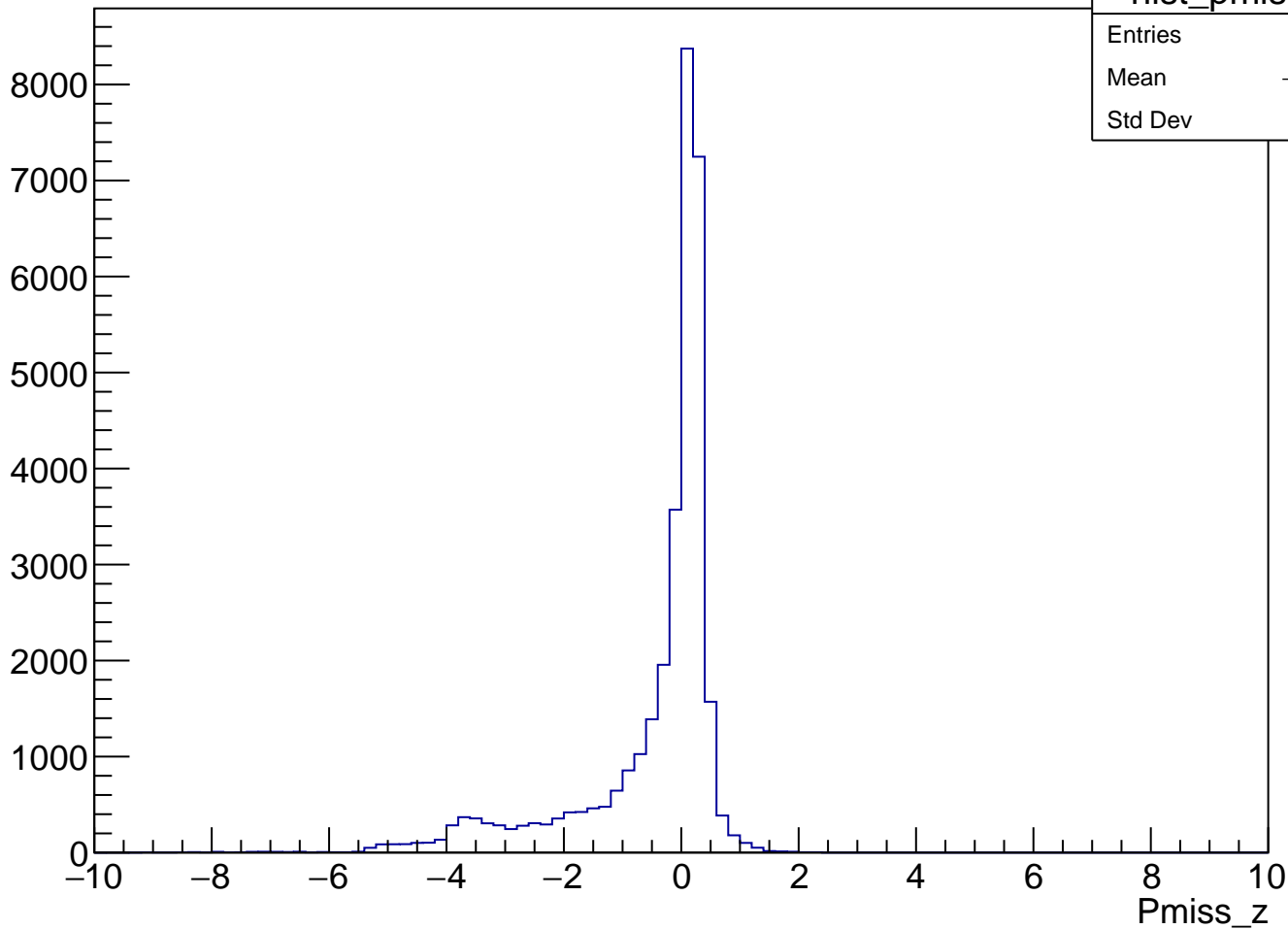
Run 2917: NPS.kin.secondary.pmiss_y

Counts



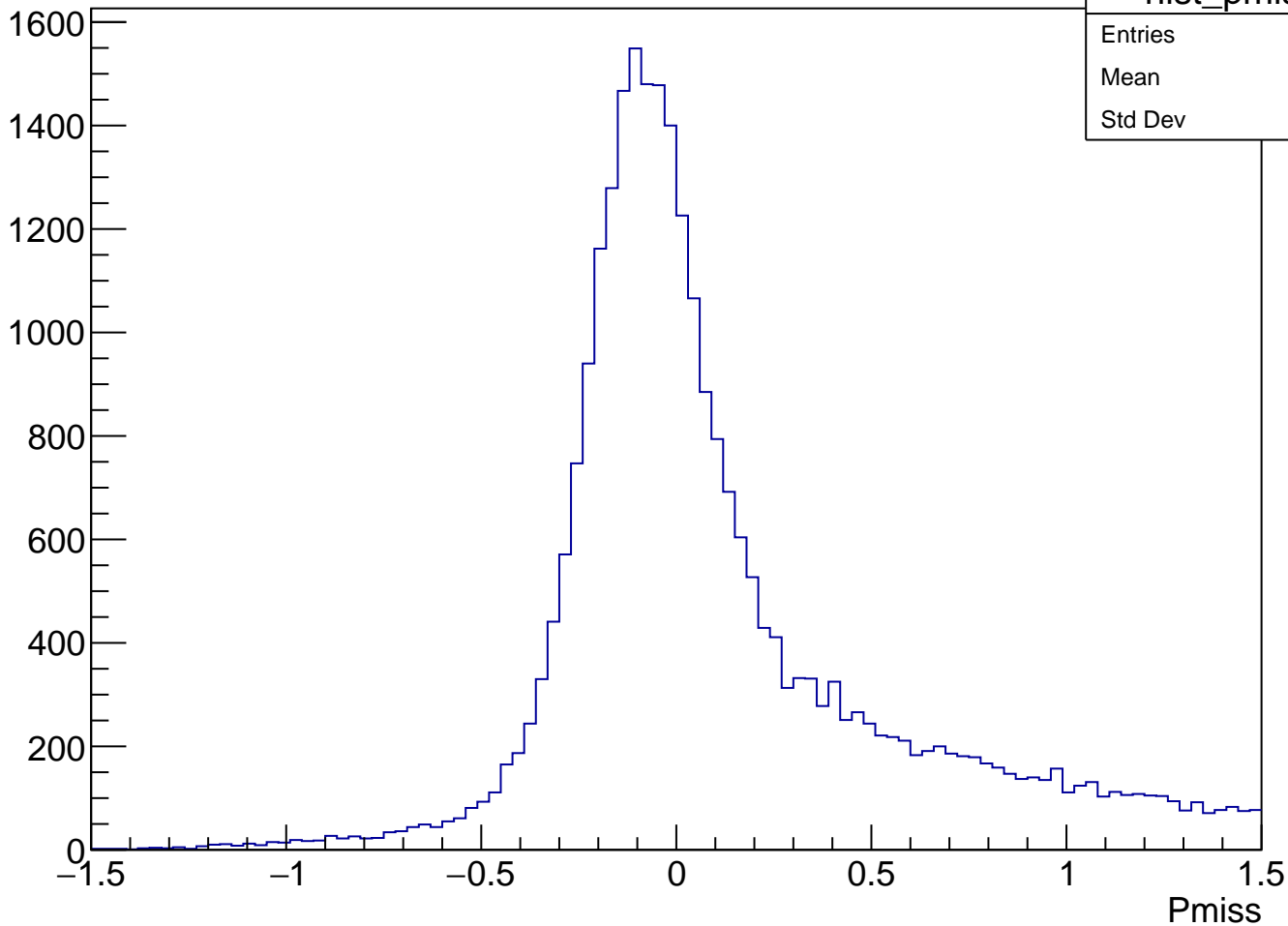
Run 2917: NPS.kin.secondary.pmiss_z

Counts



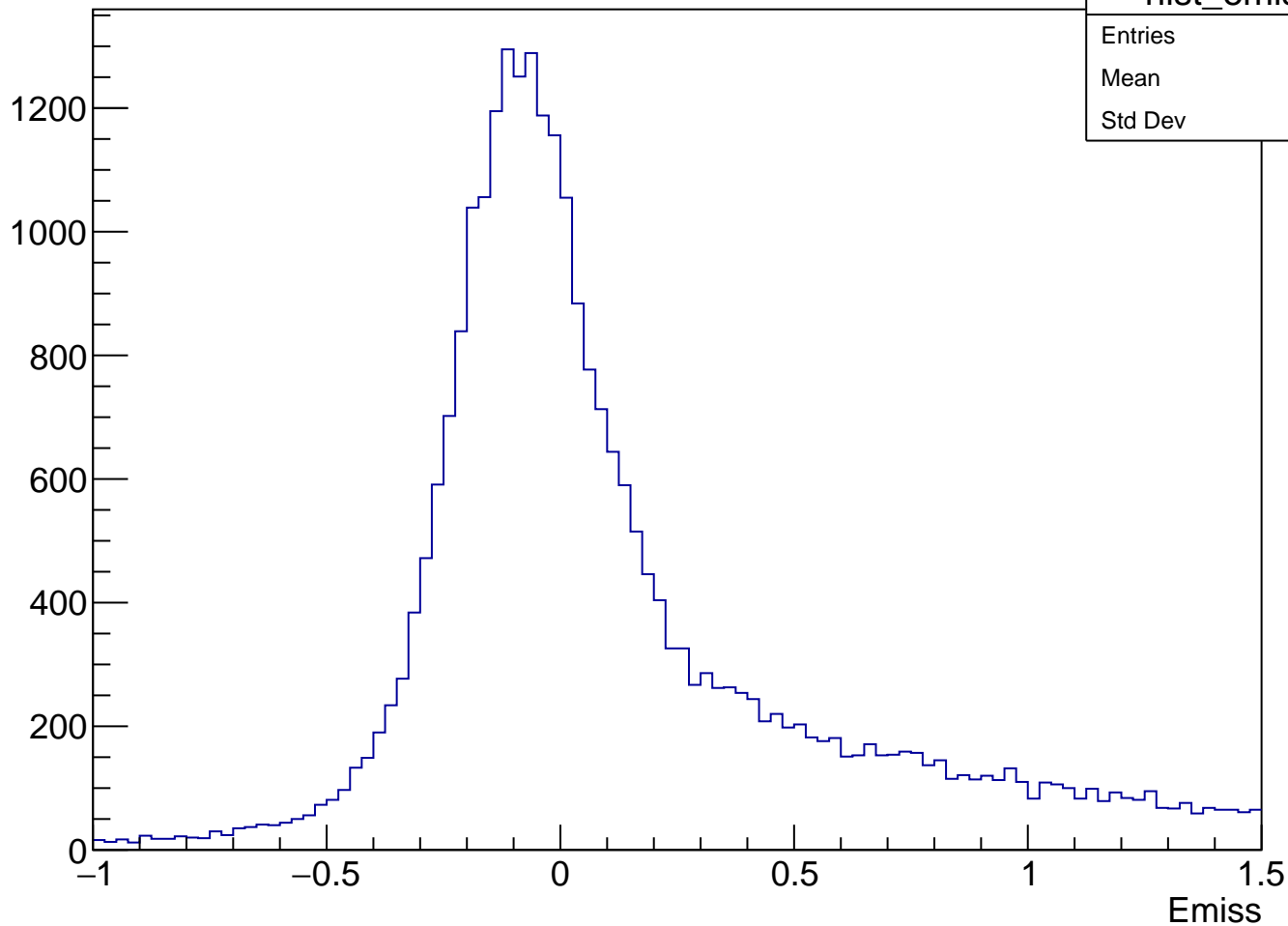
Run 2917: NPS.kin.secondary.pmiss

Counts



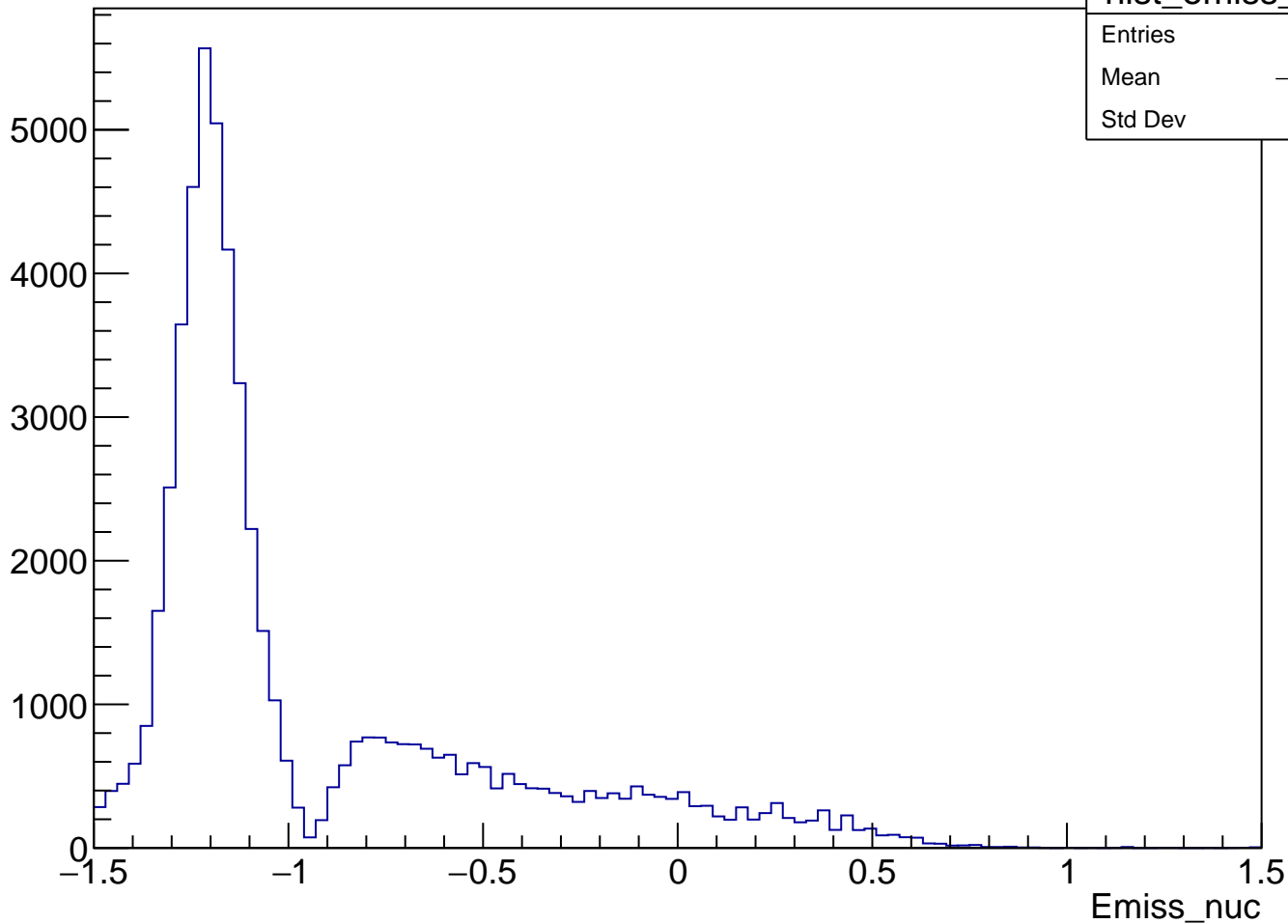
Run 2917: NPS.kin.secondary.emiss

Counts



Run 2917: NPS.kin.secondary.emiss_nuc

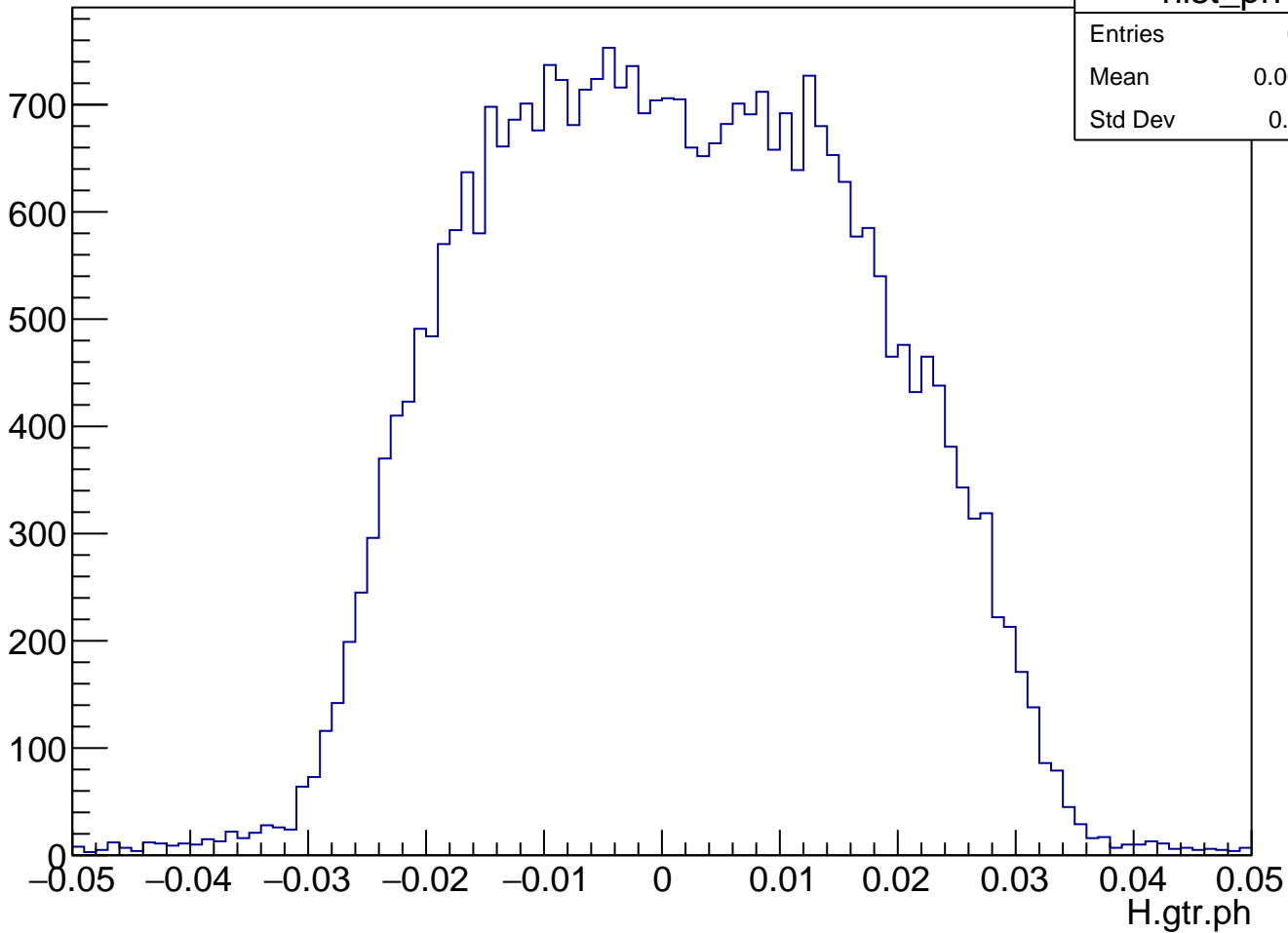
Counts



Emiss_nuc

Run 2917: H.gtr.ph

Counts

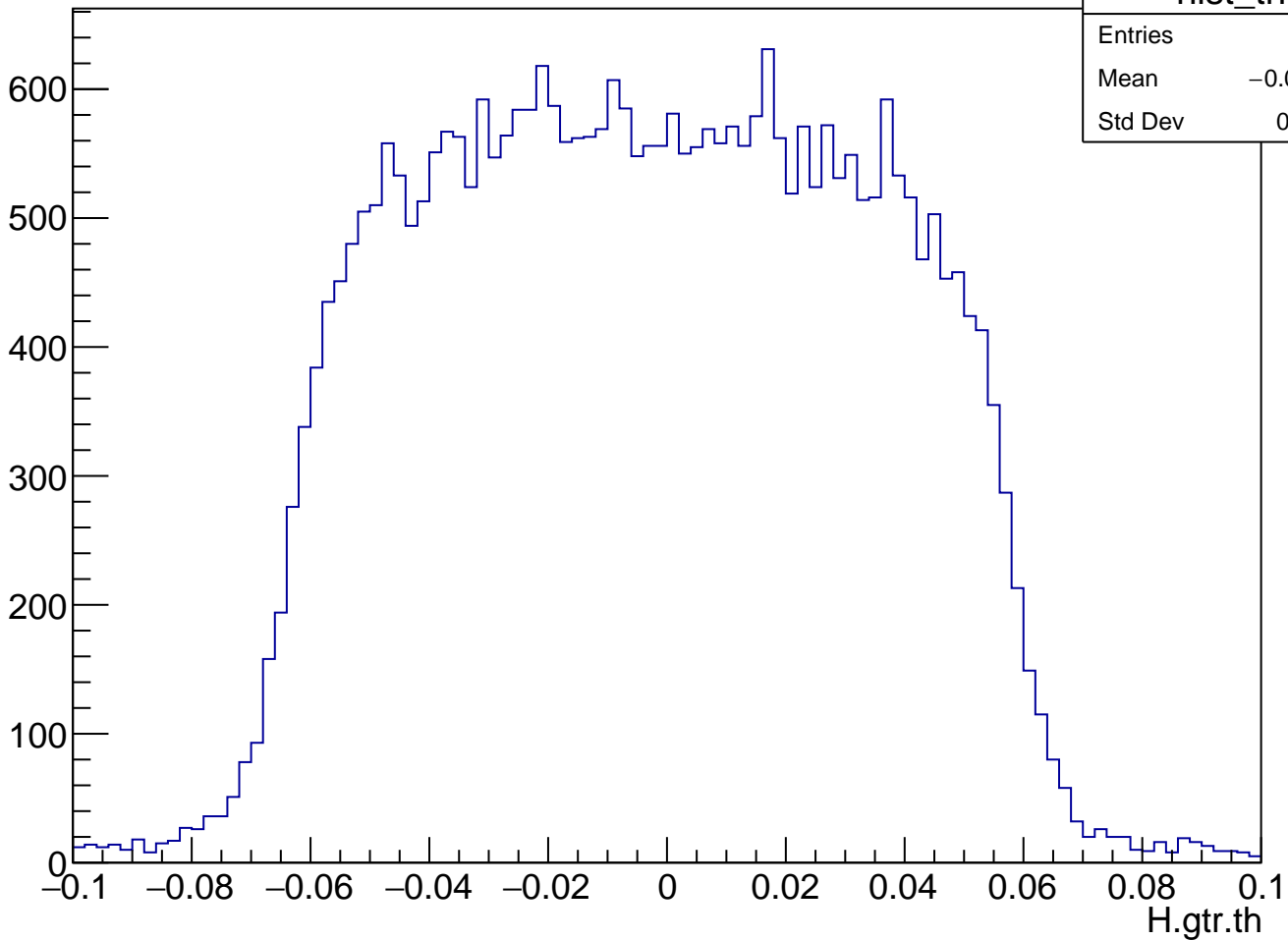


hist_ph

Entries	62087
Mean	0.000886
Std Dev	0.01553

Run 2917: H.gtr.th

Counts



hist_th

Entries 62087

Mean -0.003006

Std Dev 0.03597

H.gtr.th

Run 2918: H.kin.W2

Counts

120
100
80
60
40
20
0

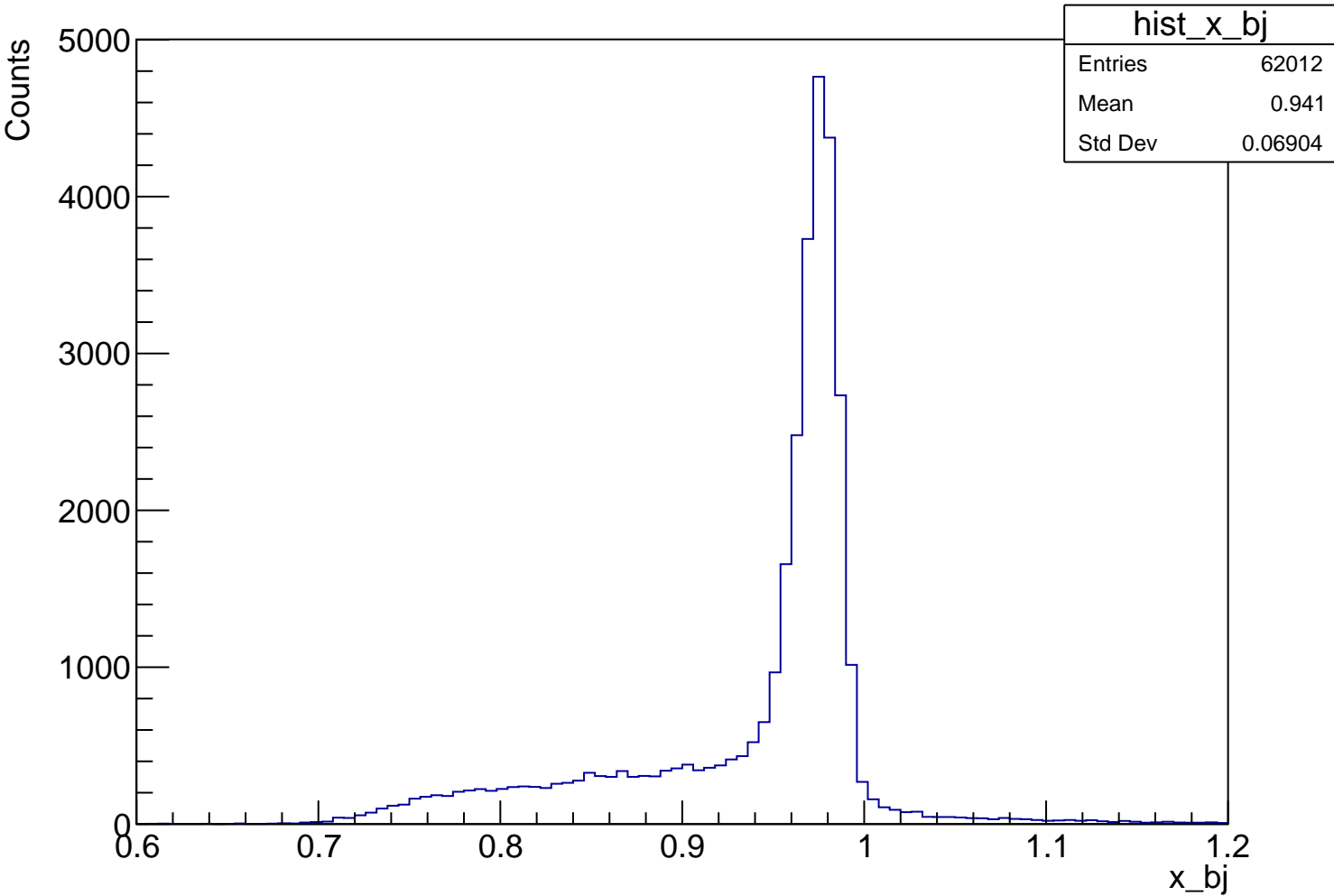
0 0.05 0.1 0.15 0.2 0.25 0.3 0.35 0.4

W2

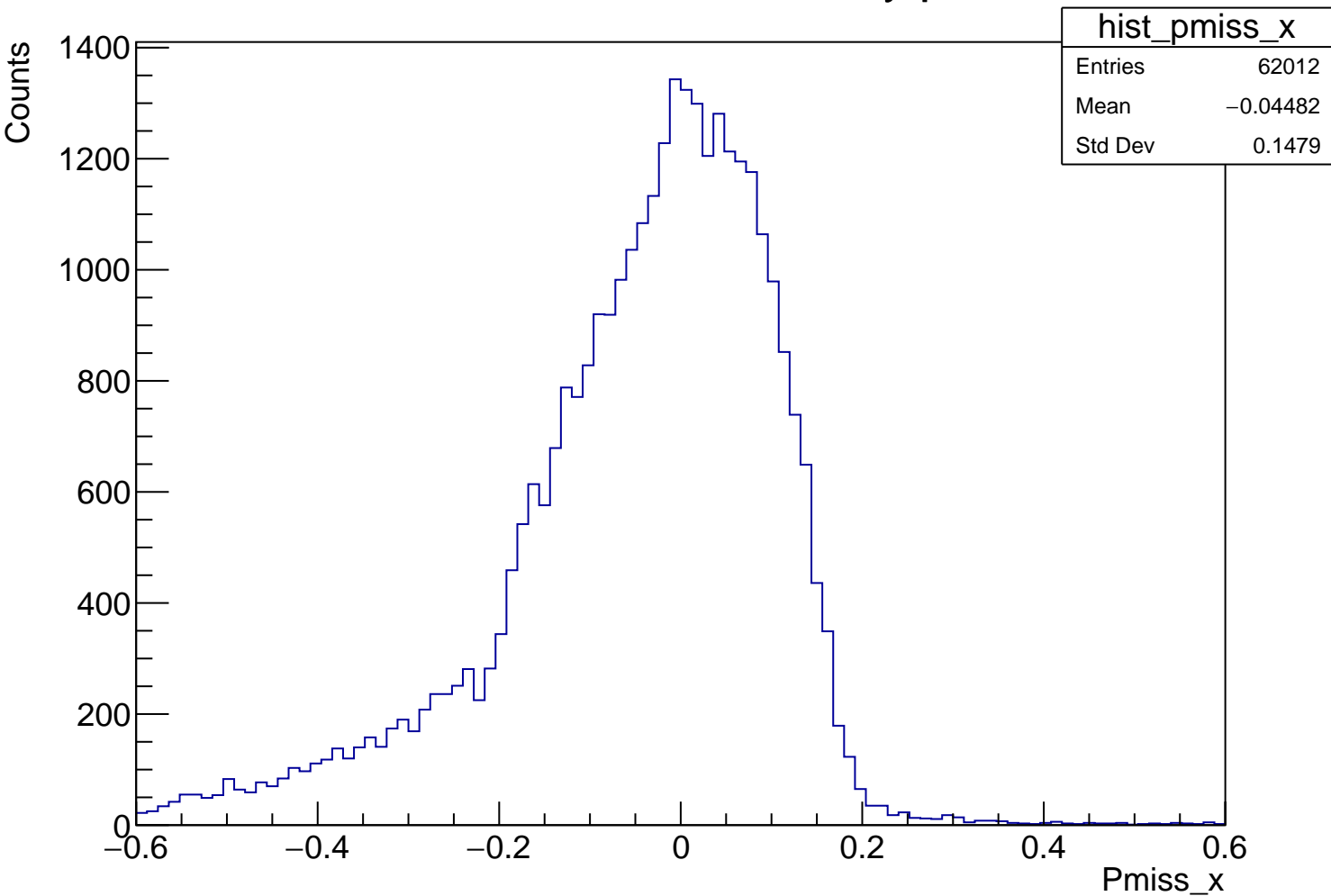
hist_w2

Entries	62012
Mean	0.1511
Std Dev	0.1385

Run 2918: H.kin.x_bj

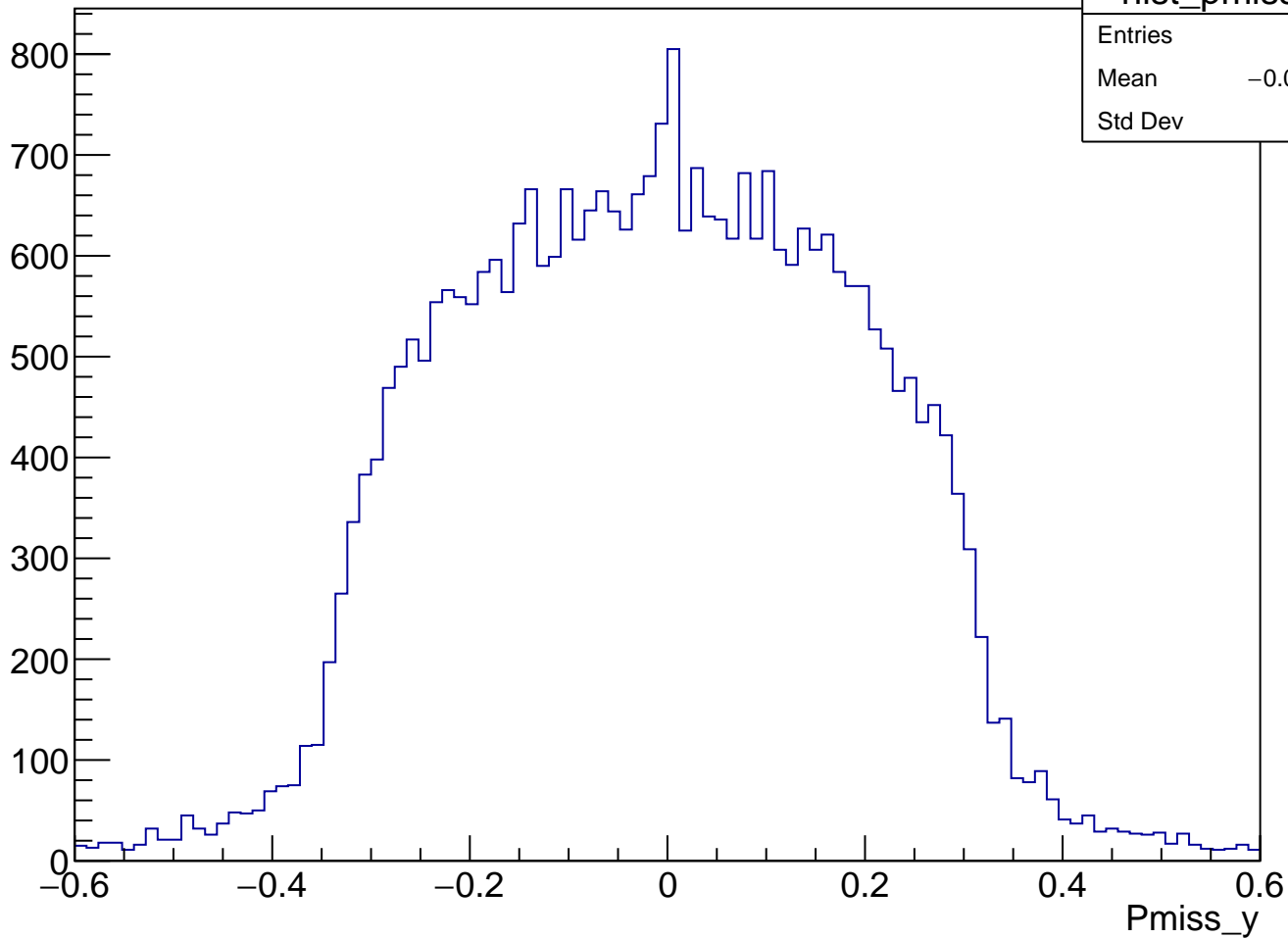


Run 2918: NPS.kin.secondary.pmiss_x



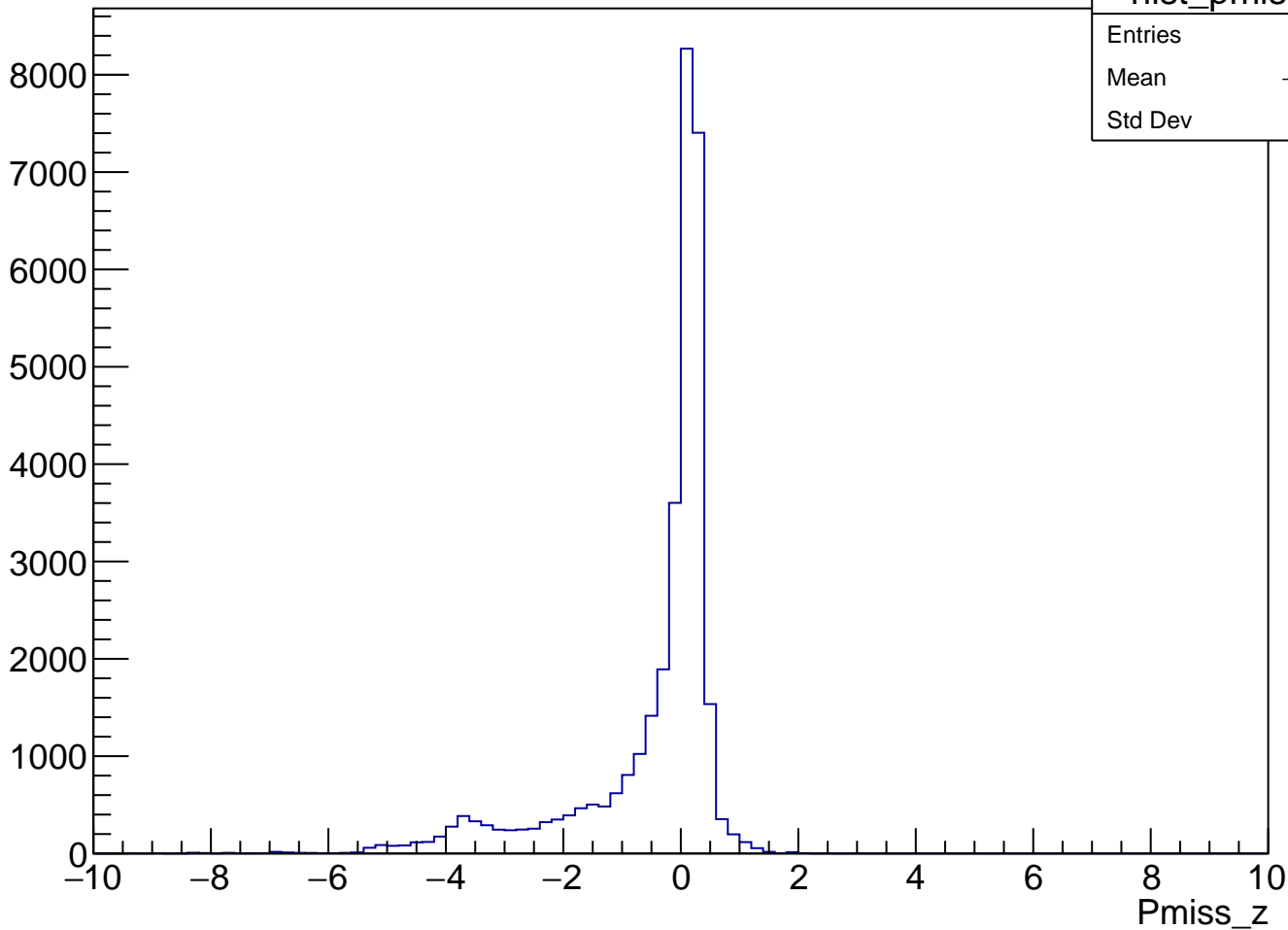
Run 2918: NPS.kin.secondary.pmiss_y

Counts



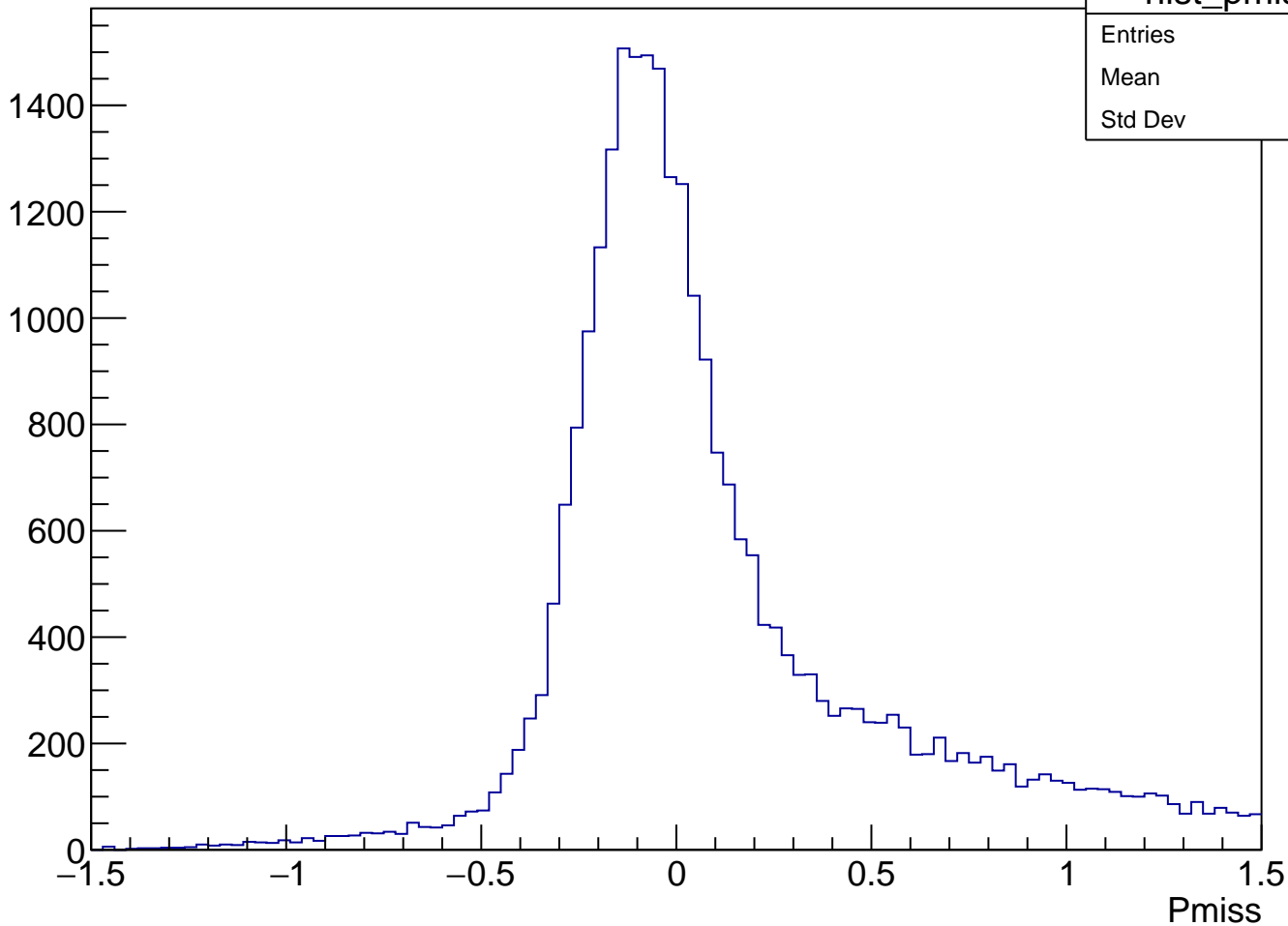
Run 2918: NPS.kin.secondary.pmiss_z

Counts

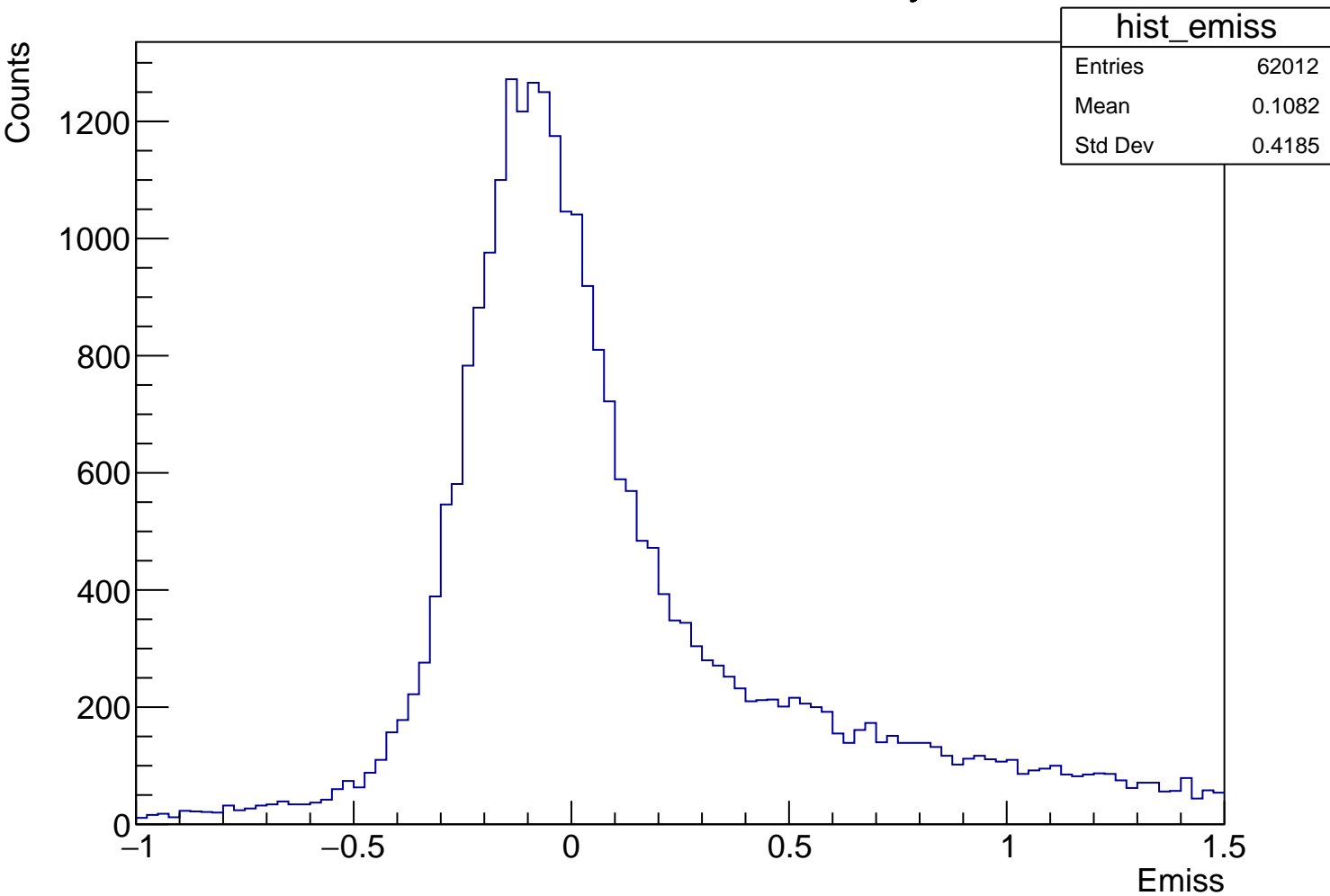


Run 2918: NPS.kin.secondary.pmiss

Counts

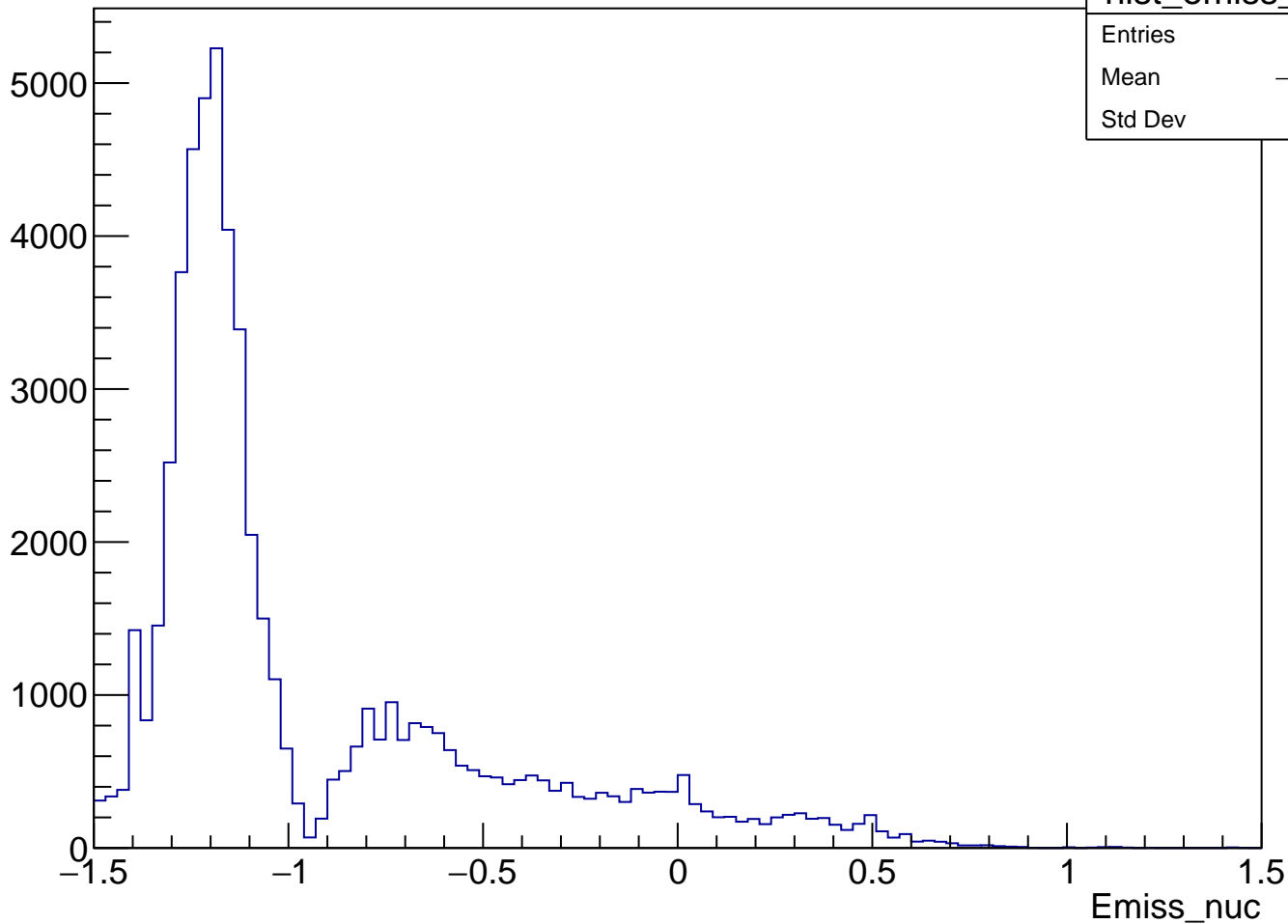


Run 2918: NPS.kin.secondary.emiss



Run 2918: NPS.kin.secondary.emiss_nuc

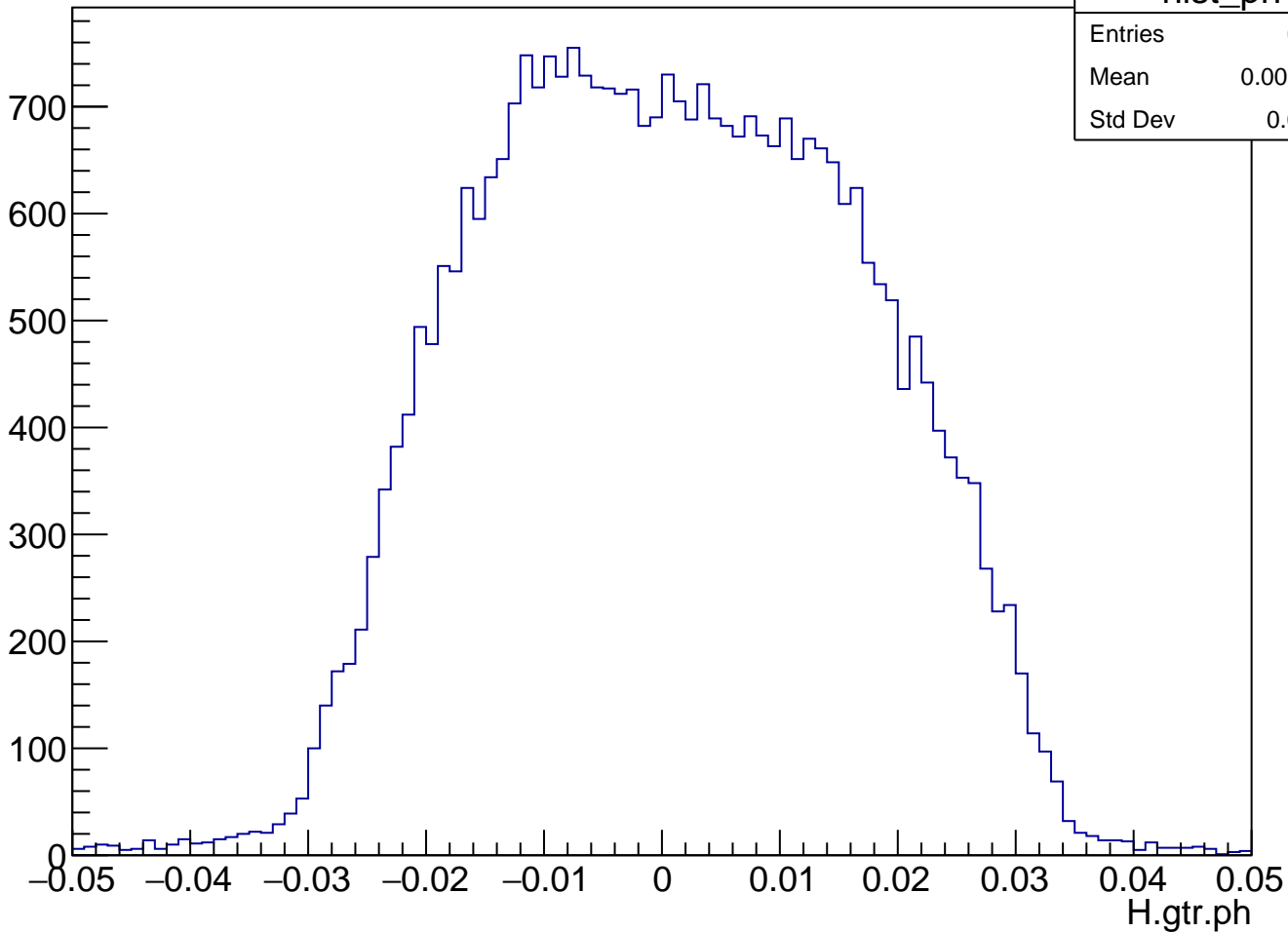
Counts



Emiss_nuc

Run 2918: H.gtr.ph

Counts



hist_ph

Entries	62012
Mean	0.0008414
Std Dev	0.01546

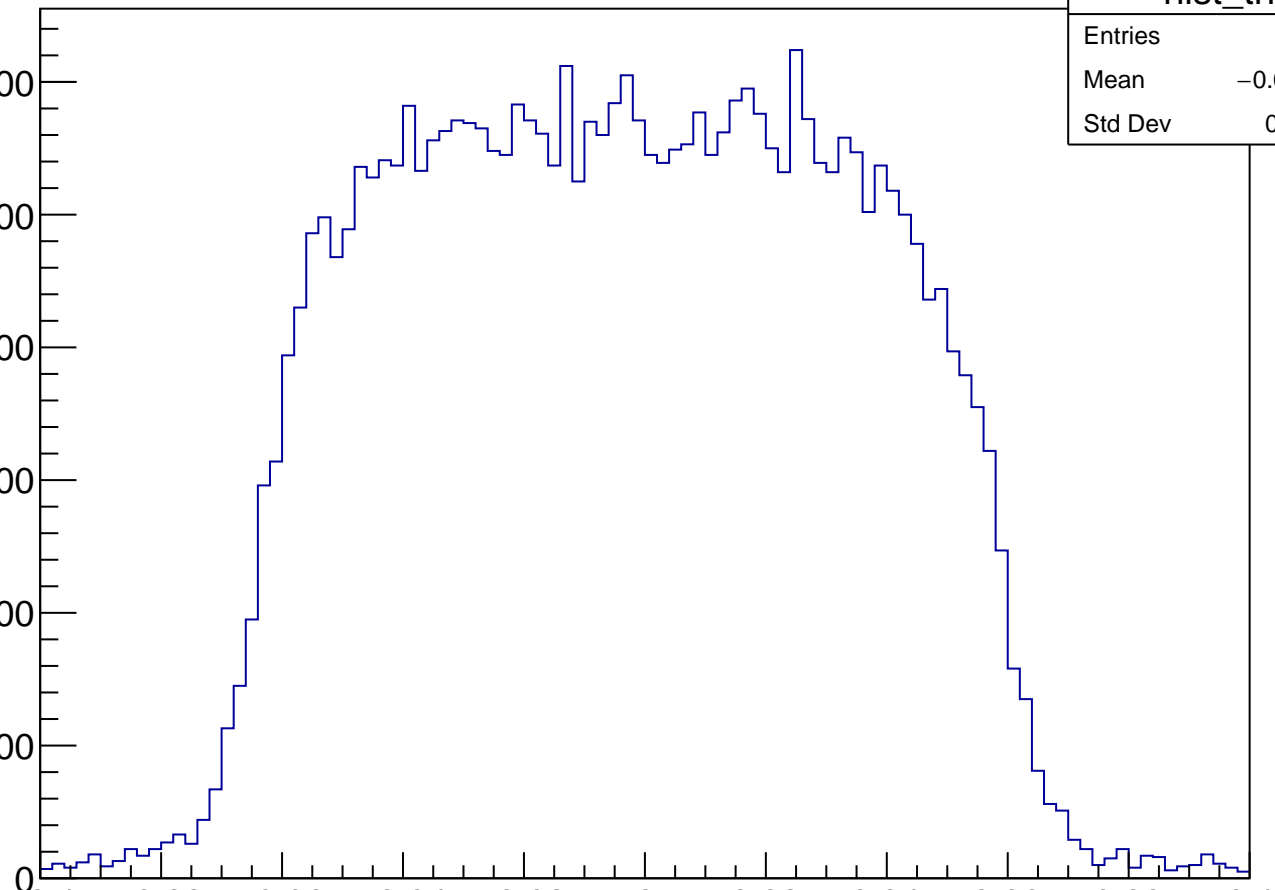
Run 2918: H.gtr.th

Counts

600
500
400
300
200
100
0

hist_th	
Entries	62012
Mean	-0.002825
Std Dev	0.03604

-0.1 -0.08 -0.06 -0.04 -0.02 0 0.02 0.04 0.06 0.08 0.1
H.gtr.th



Run 2919: H.kin.W2

Counts

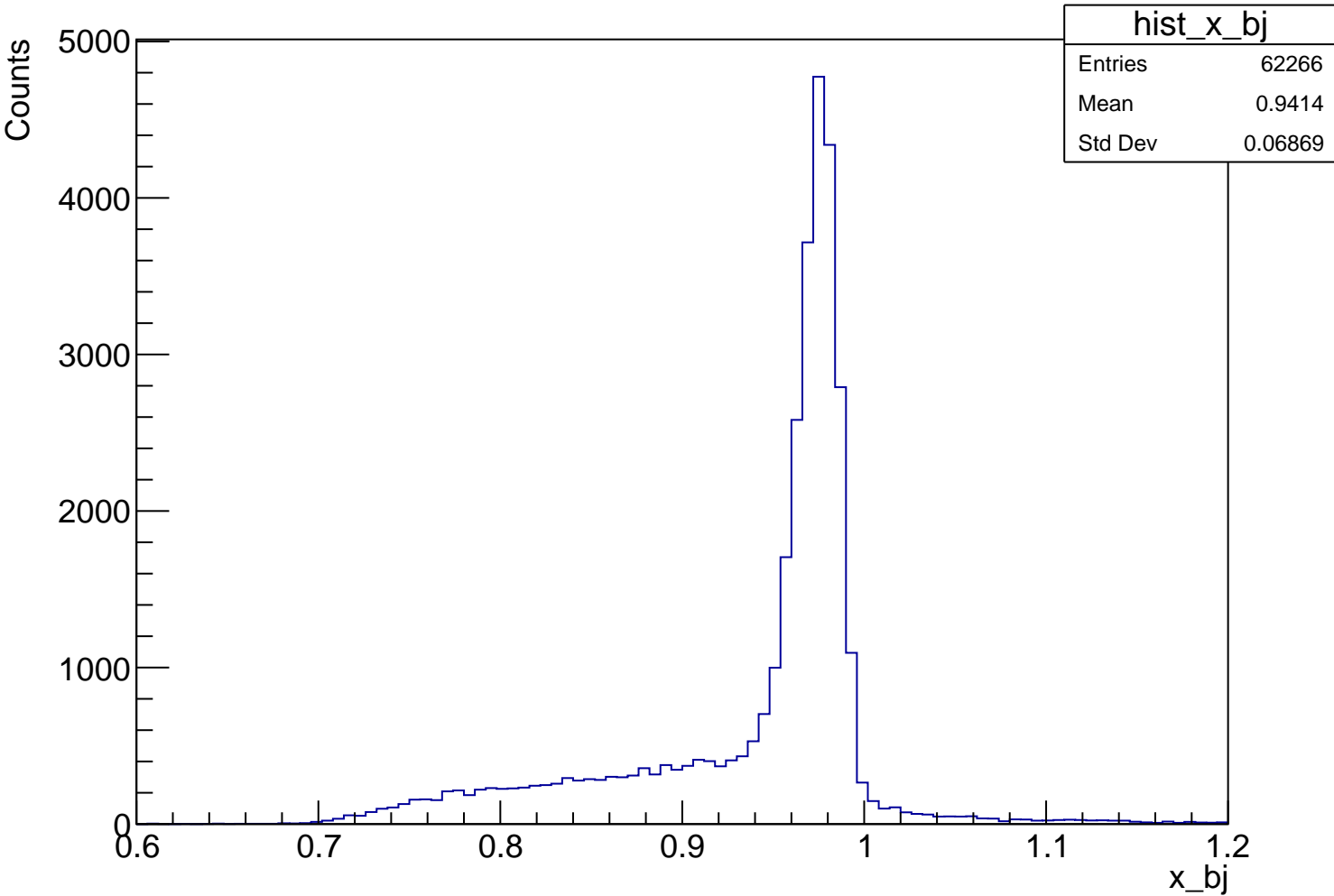
120
100
80
60
40
20
0

0 0.05 0.1 0.15 0.2 0.25 0.3 0.35 0.4
W2

hist_w2

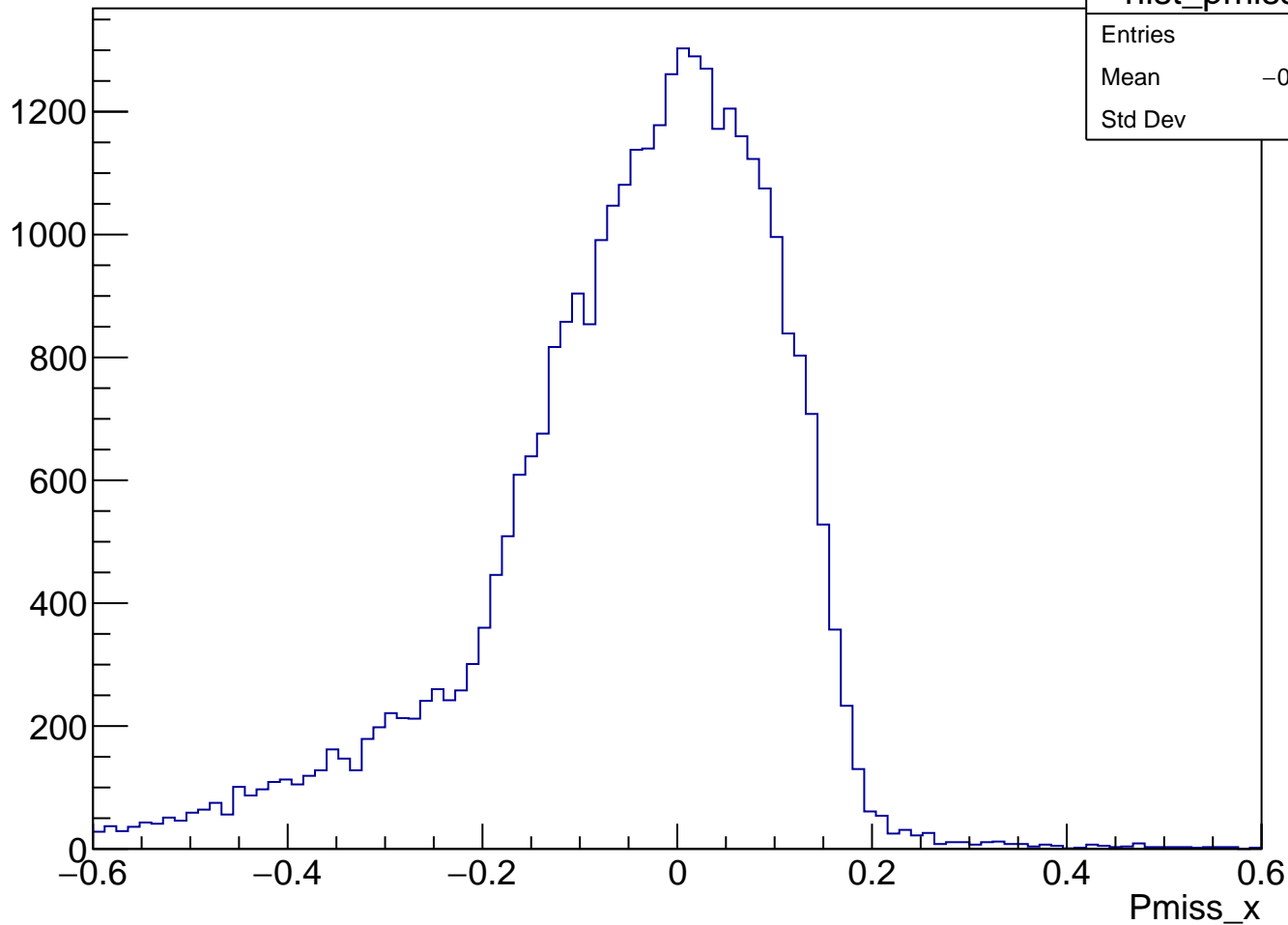
Entries	62266
Mean	0.1408
Std Dev	0.1391

Run 2919: H.kin.x_bj



Run 2919: NPS.kin.secondary.pmiss_x

Counts



Run 2919: NPS.kin.secondary.pmiss_y

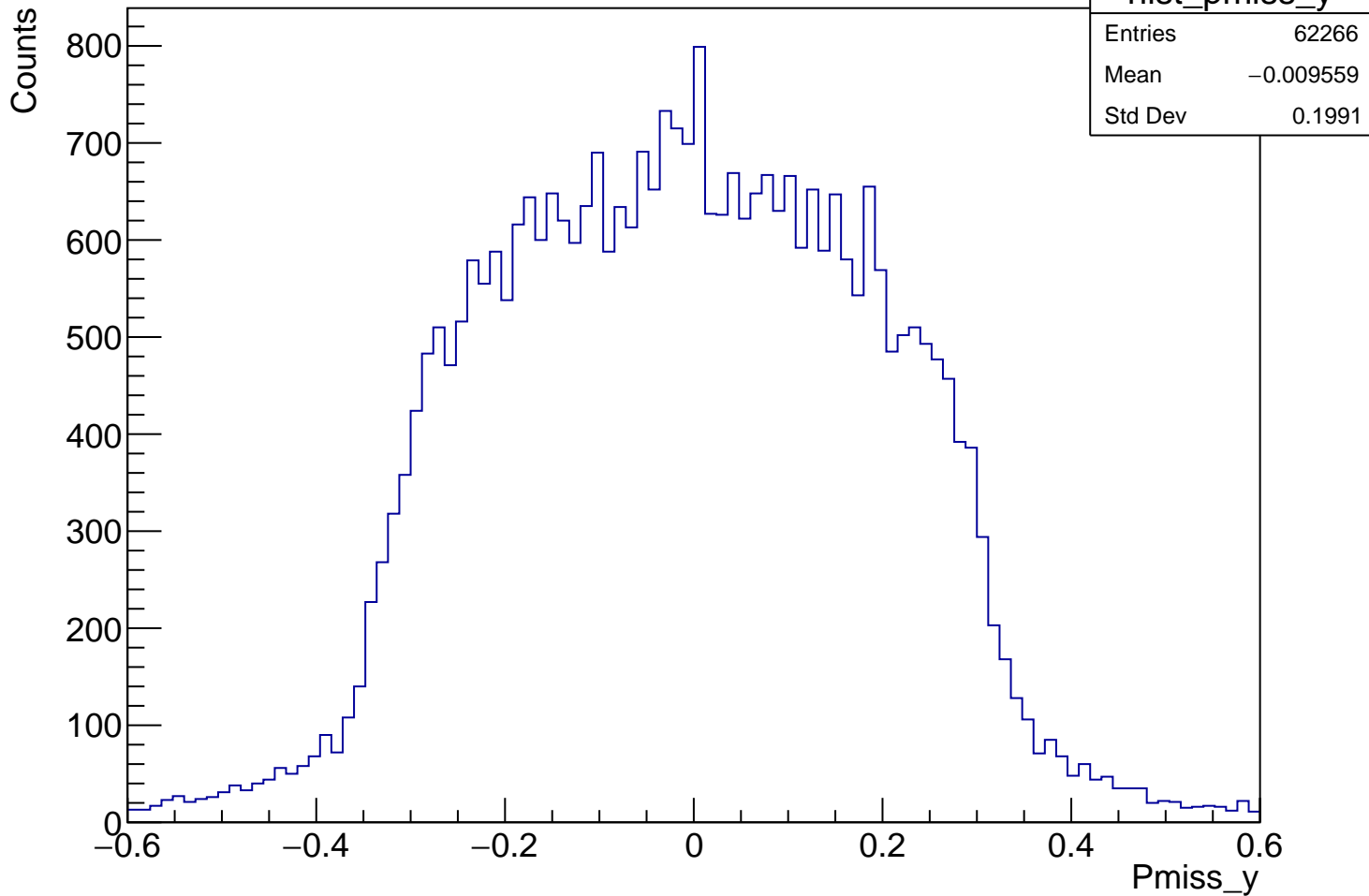
Counts

800
700
600
500
400
300
200
100
0

hist_pmiss_y	
Entries	62266
Mean	-0.009559
Std Dev	0.1991

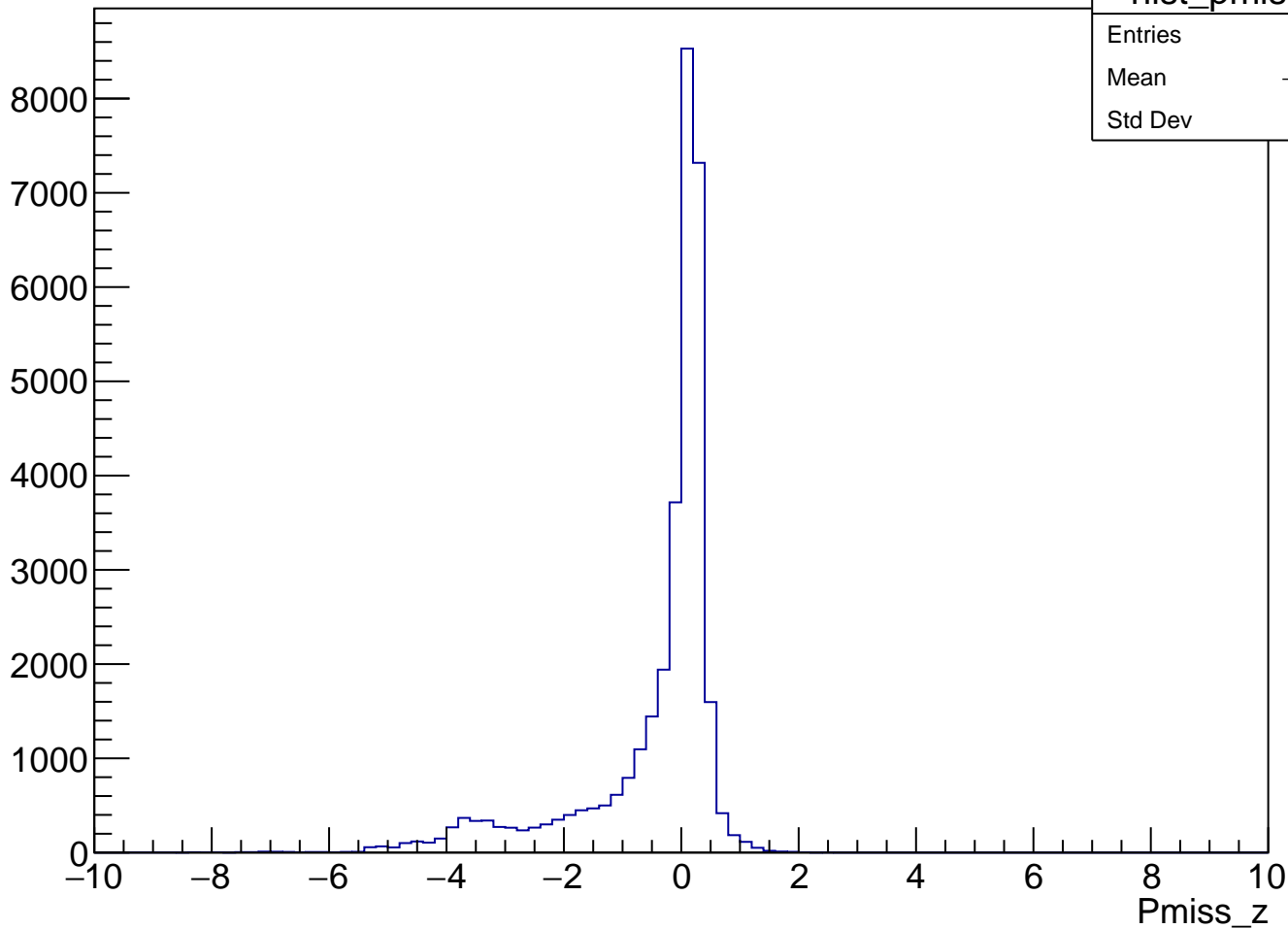
-0.6 -0.4 -0.2 0 0.2 0.4 0.6

Pmiss_y



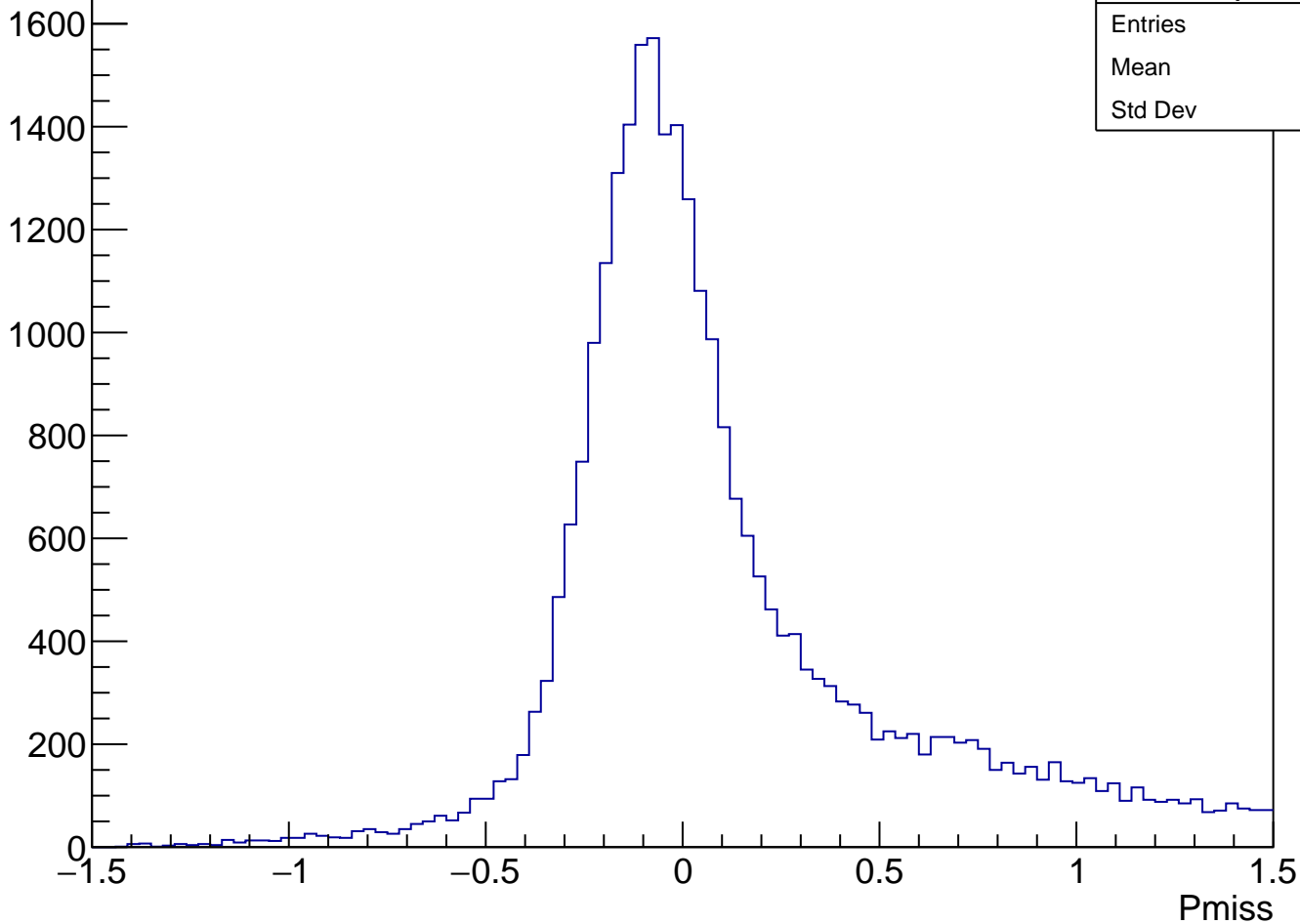
Run 2919: NPS.kin.secondary.pmiss_z

Counts



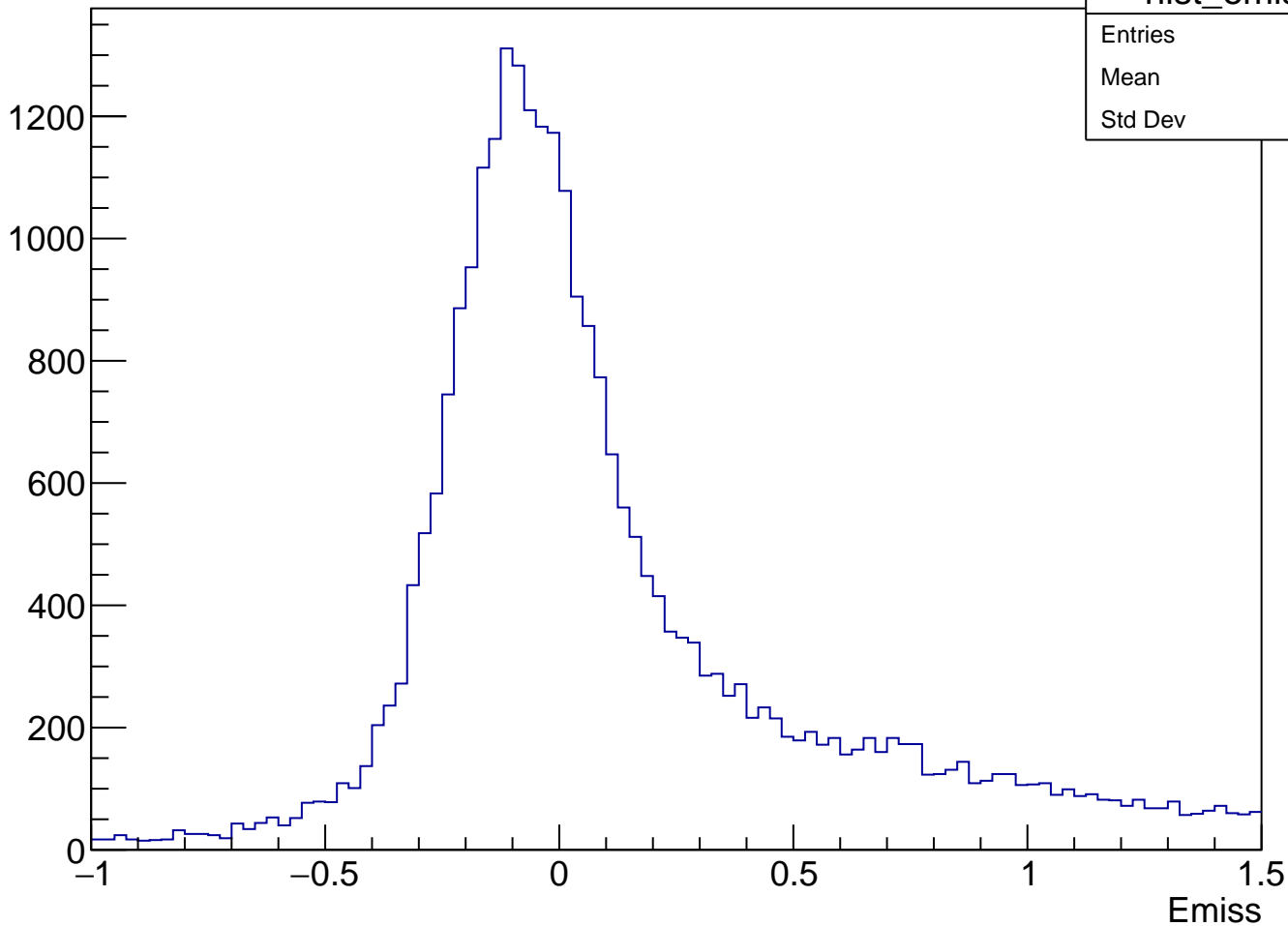
Run 2919: NPS.kin.secondary.pmiss

Counts

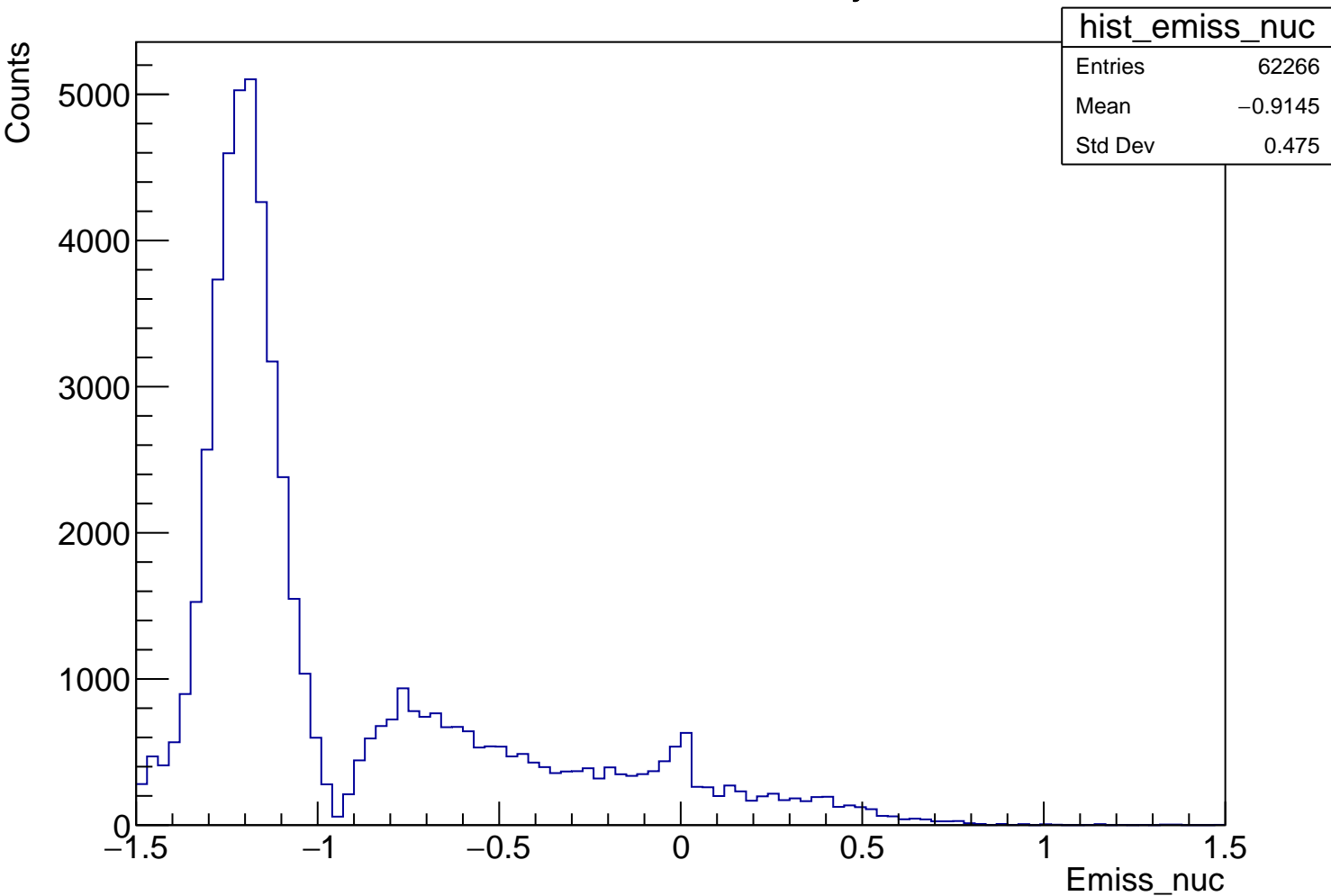


Run 2919: NPS.kin.secondary.emiss

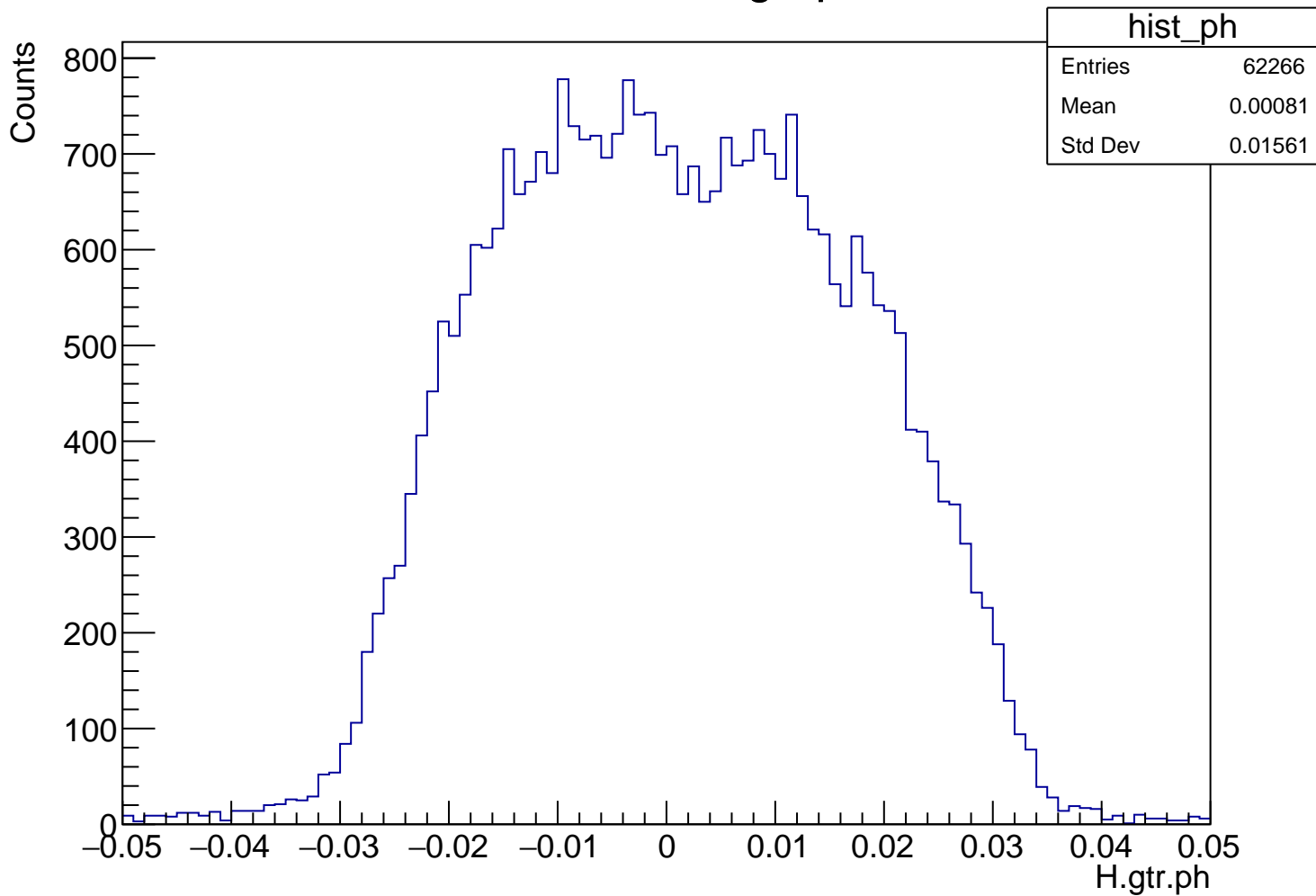
Counts



Run 2919: NPS.kin.secondary.emiss_nuc



Run 2919: H.gtr.ph



Run 2919: H.gtr.th

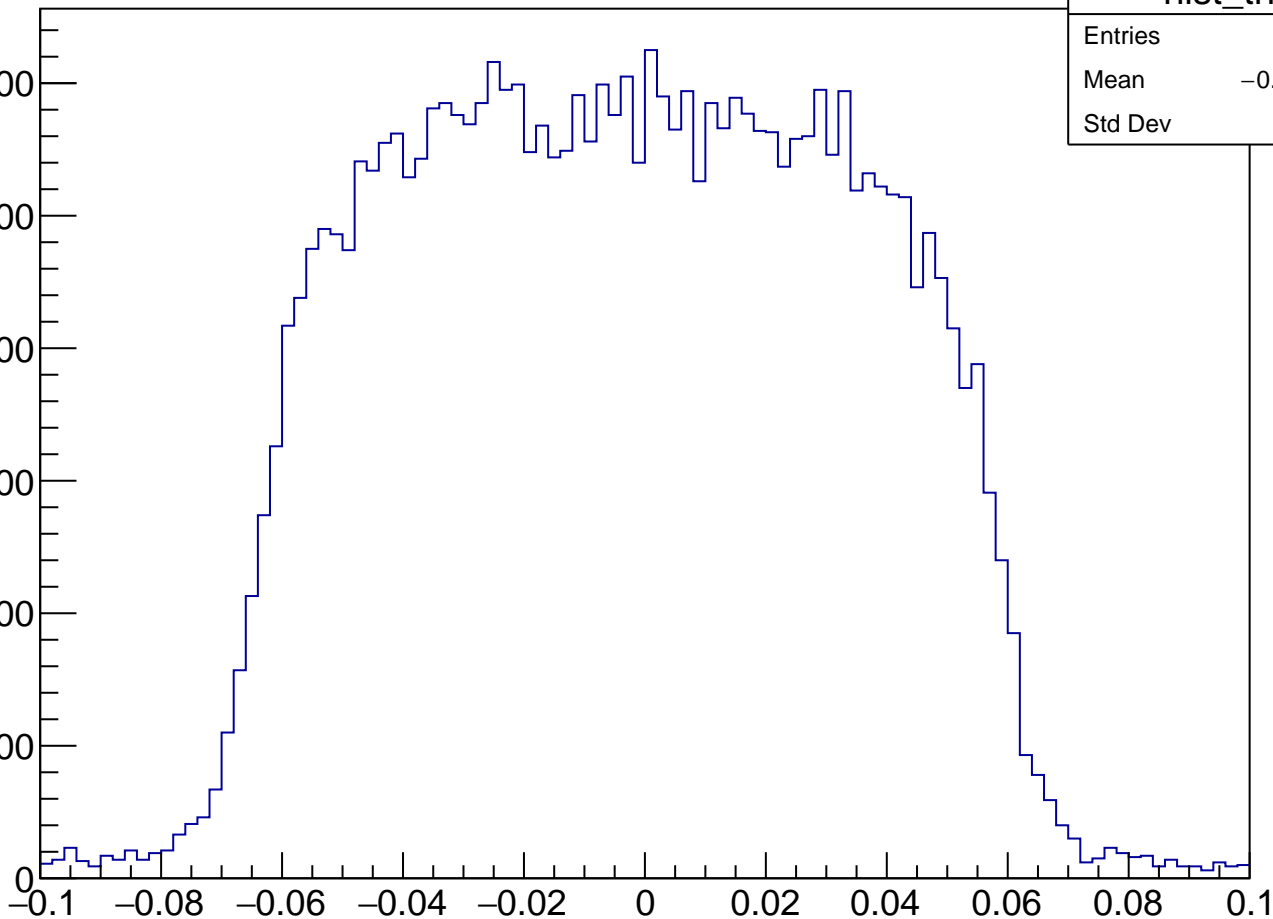
Counts

600
500
400
300
200
100
0

hist_th	
Entries	62266
Mean	-0.003031
Std Dev	0.036

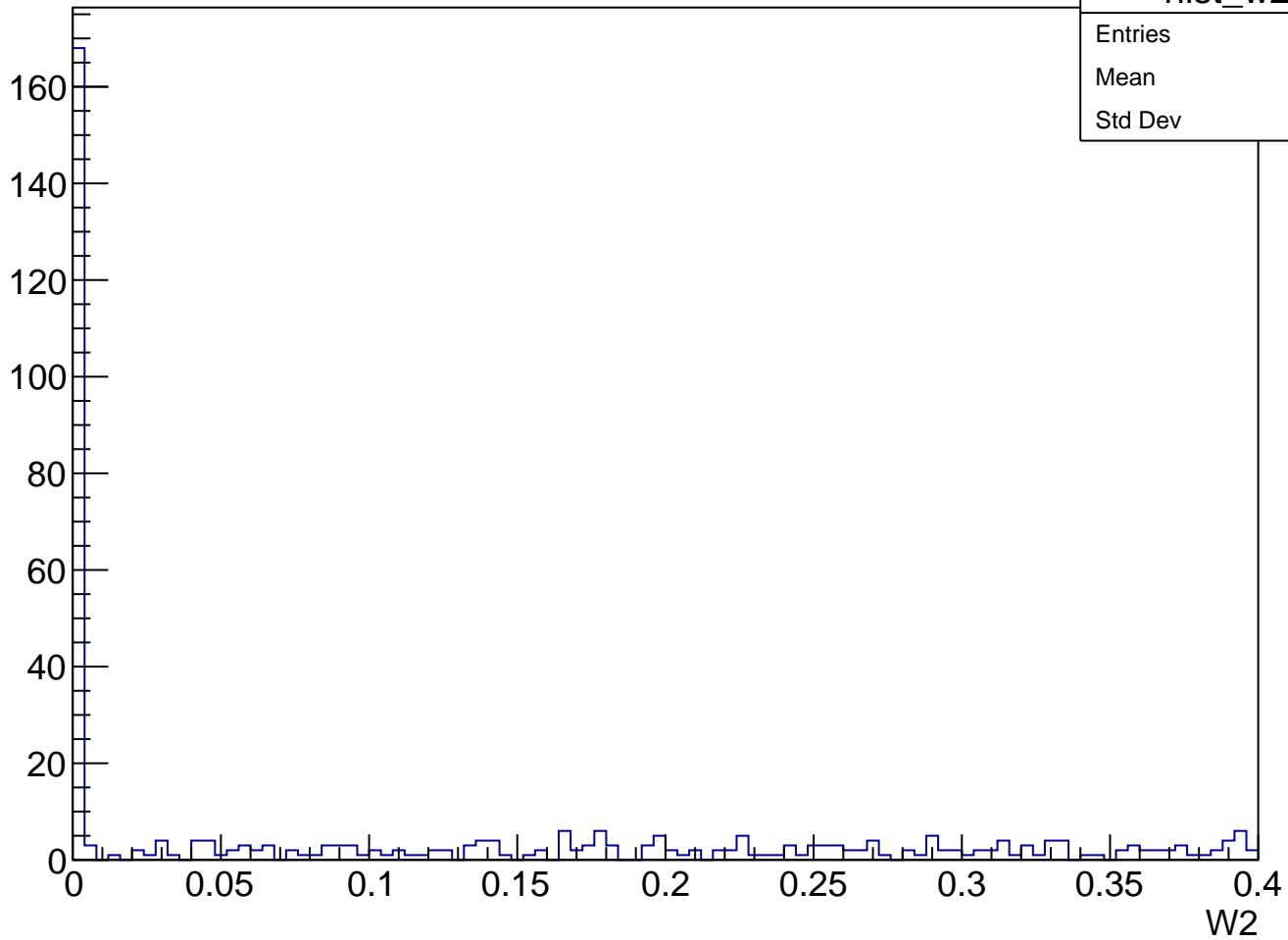
-0.1 -0.08 -0.06 -0.04 -0.02 0 0.02 0.04 0.06 0.08 0.1

H.gtr.th



Run 2920: H.kin.W2

Counts

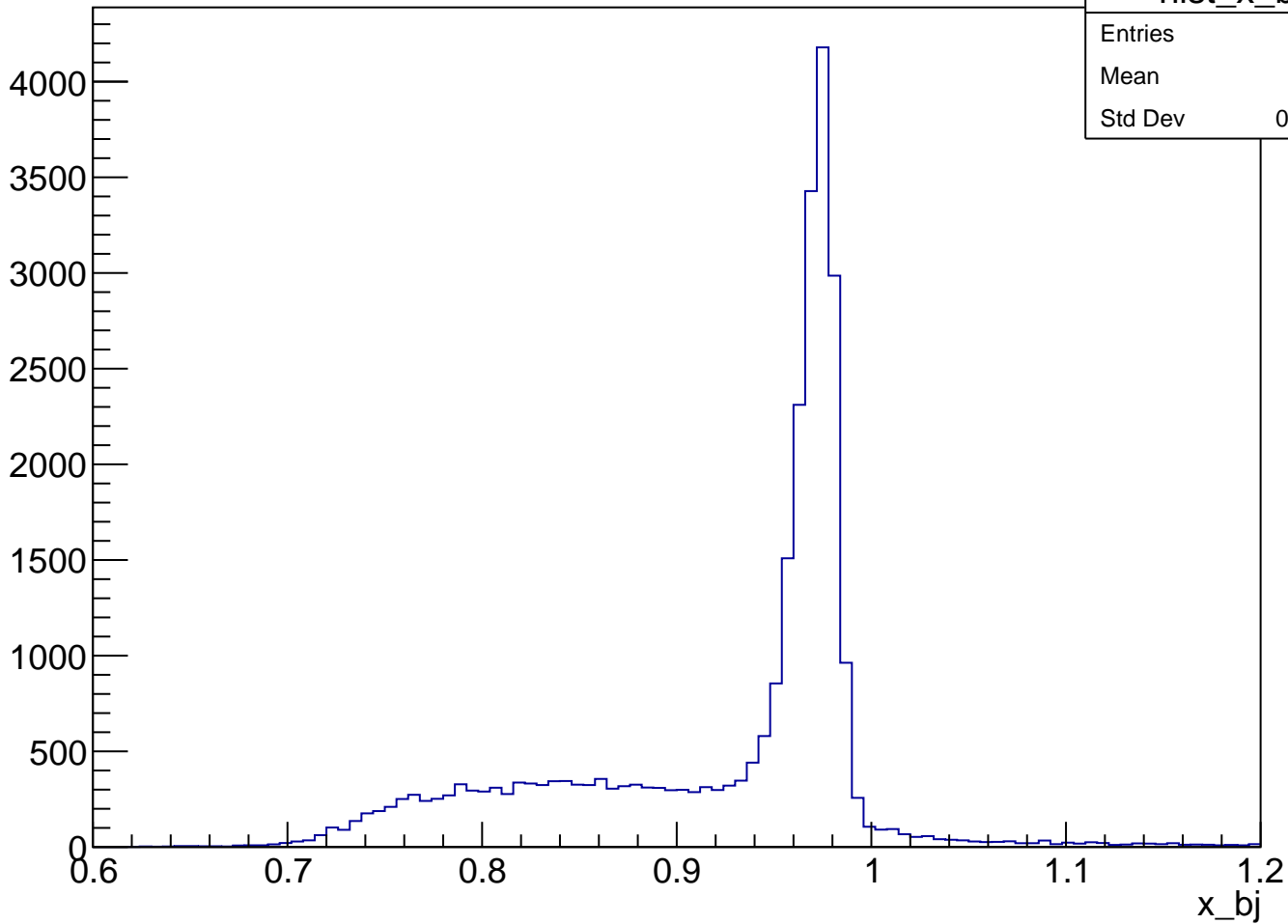


hist_w2

Entries	61360
Mean	0.1154
Std Dev	0.134

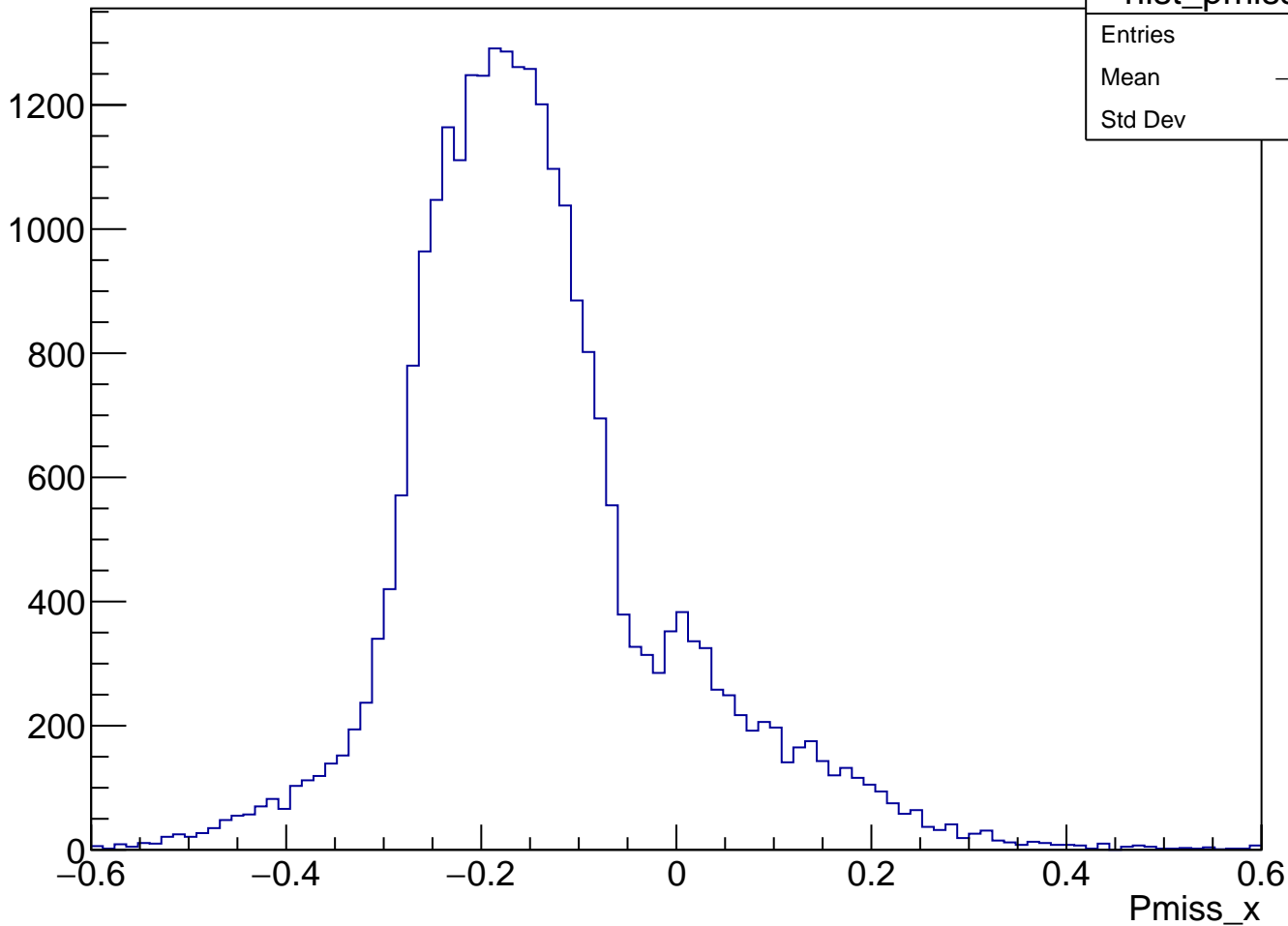
Run 2920: H.kin.x_bj

Counts



Run 2920: NPS.kin.secondary.pmiss_x

Counts



hist_pmiss_x

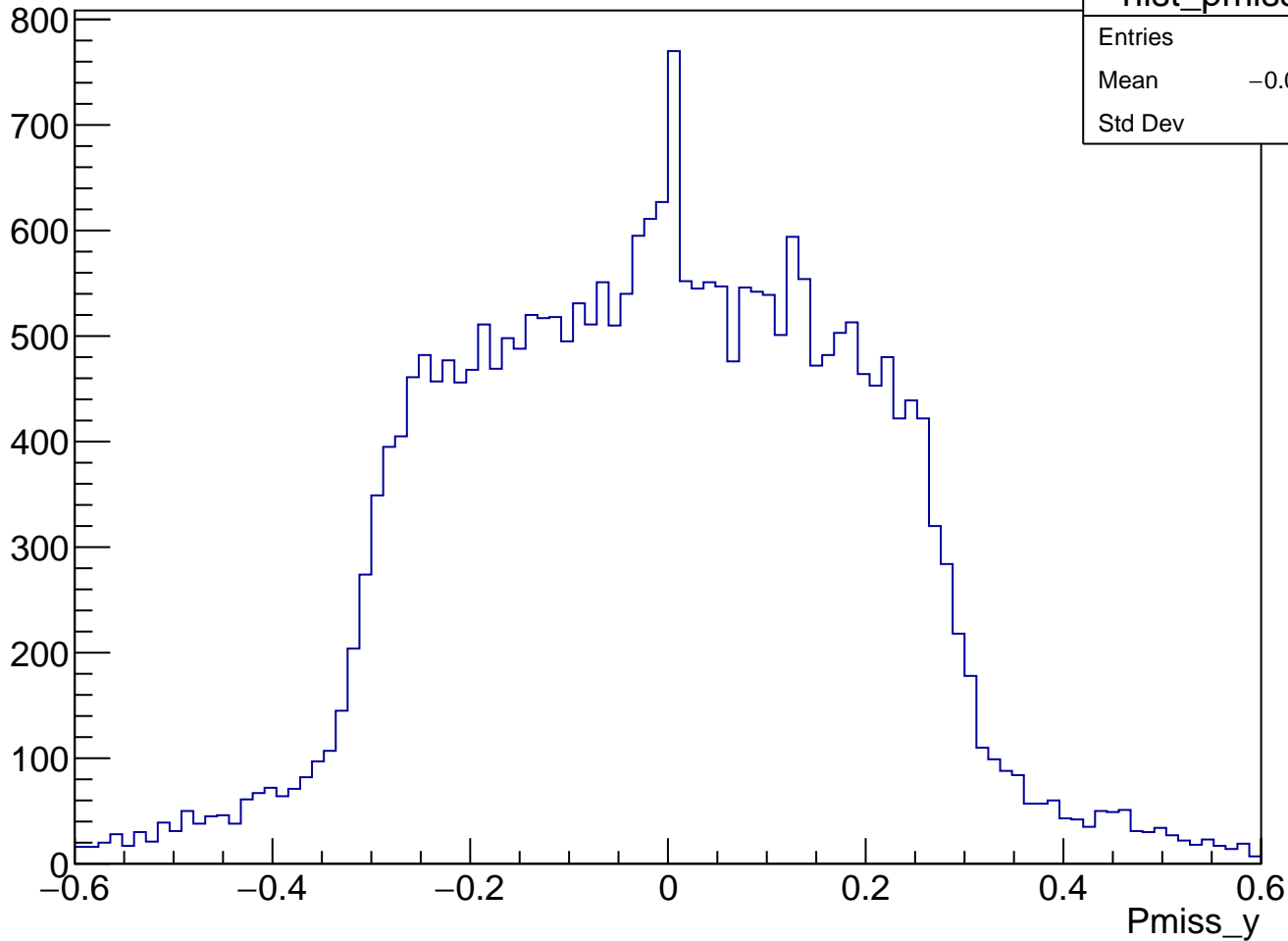
Entries 61360

Mean -0.1406

Std Dev 0.1385

Run 2920: NPS.kin.secondary.pmiss_y

Counts



hist_pmiss_y

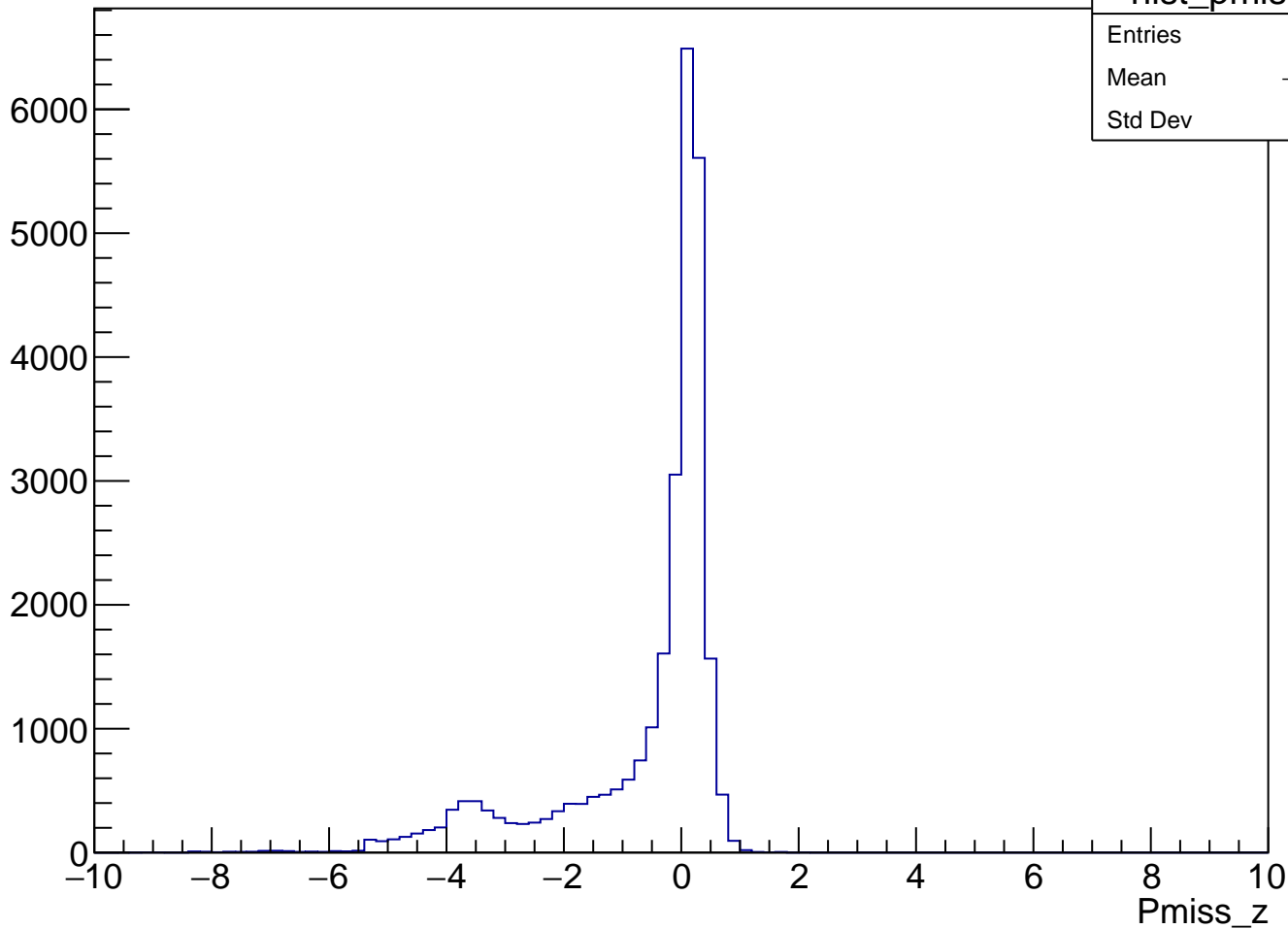
Entries 61360

Mean -0.009584

Std Dev 0.2001

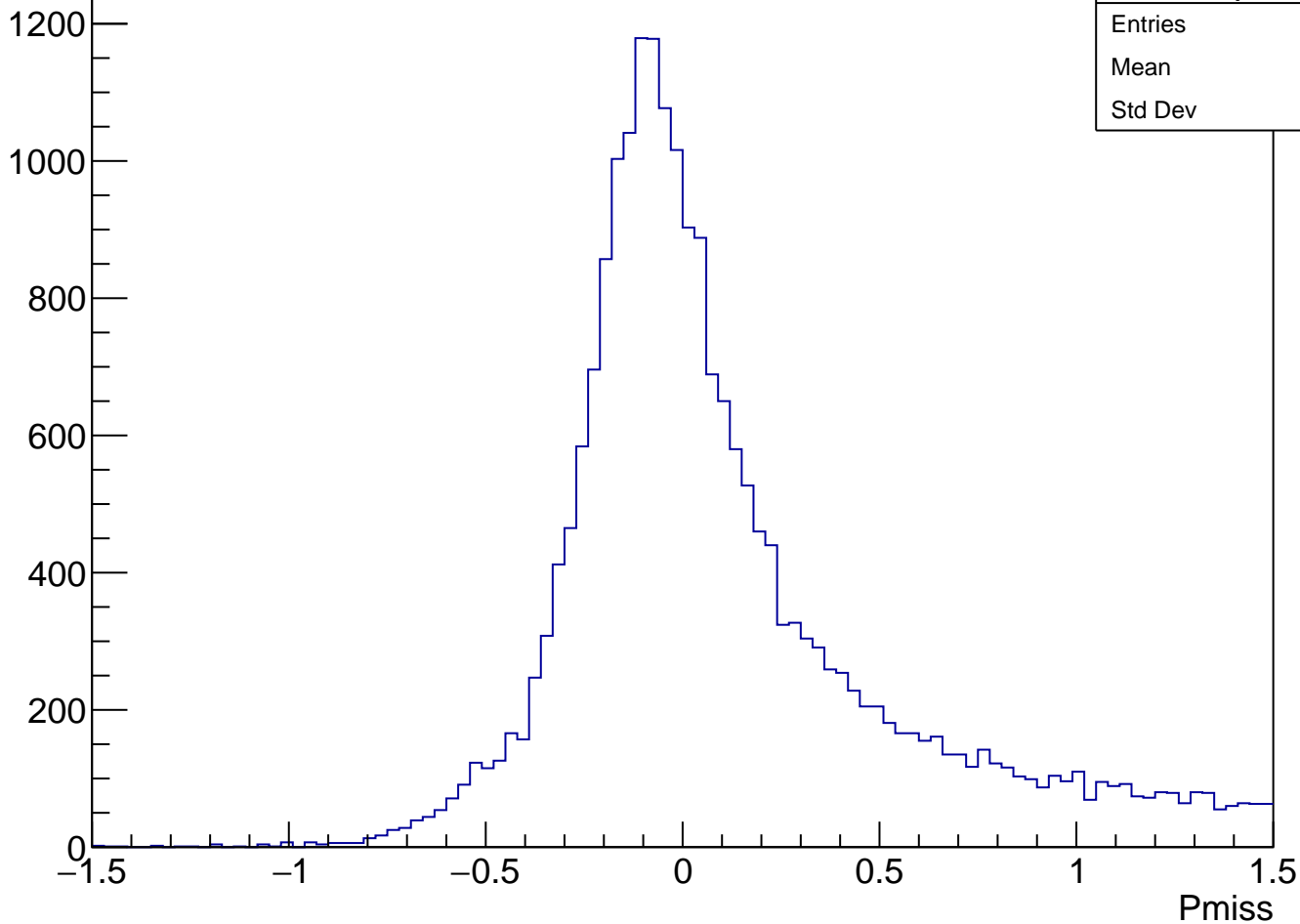
Run 2920: NPS.kin.secondary.pmiss_z

Counts



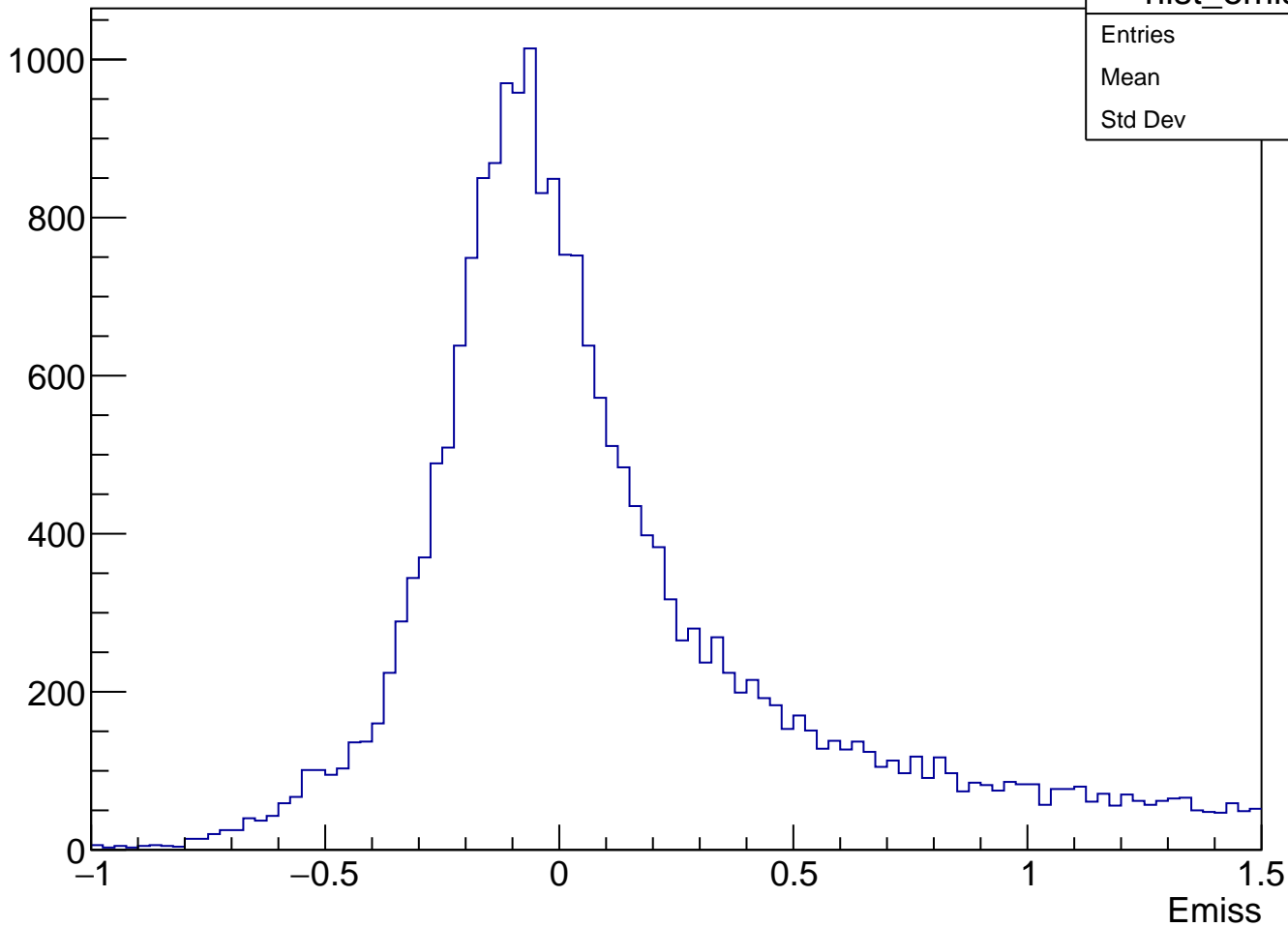
Run 2920: NPS.kin.secondary.pmiss

Counts



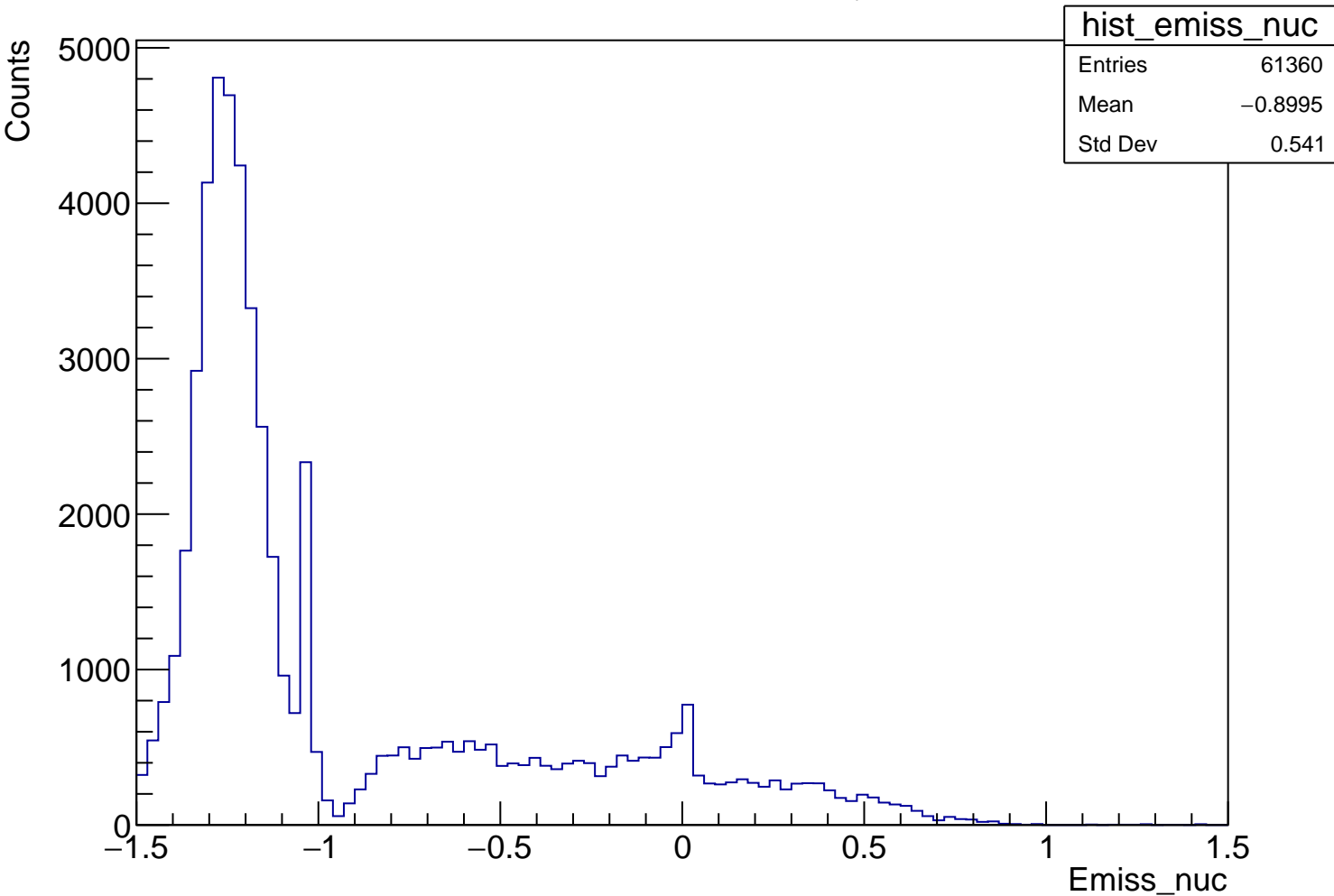
Run 2920: NPS.kin.secondary.emiss

Counts



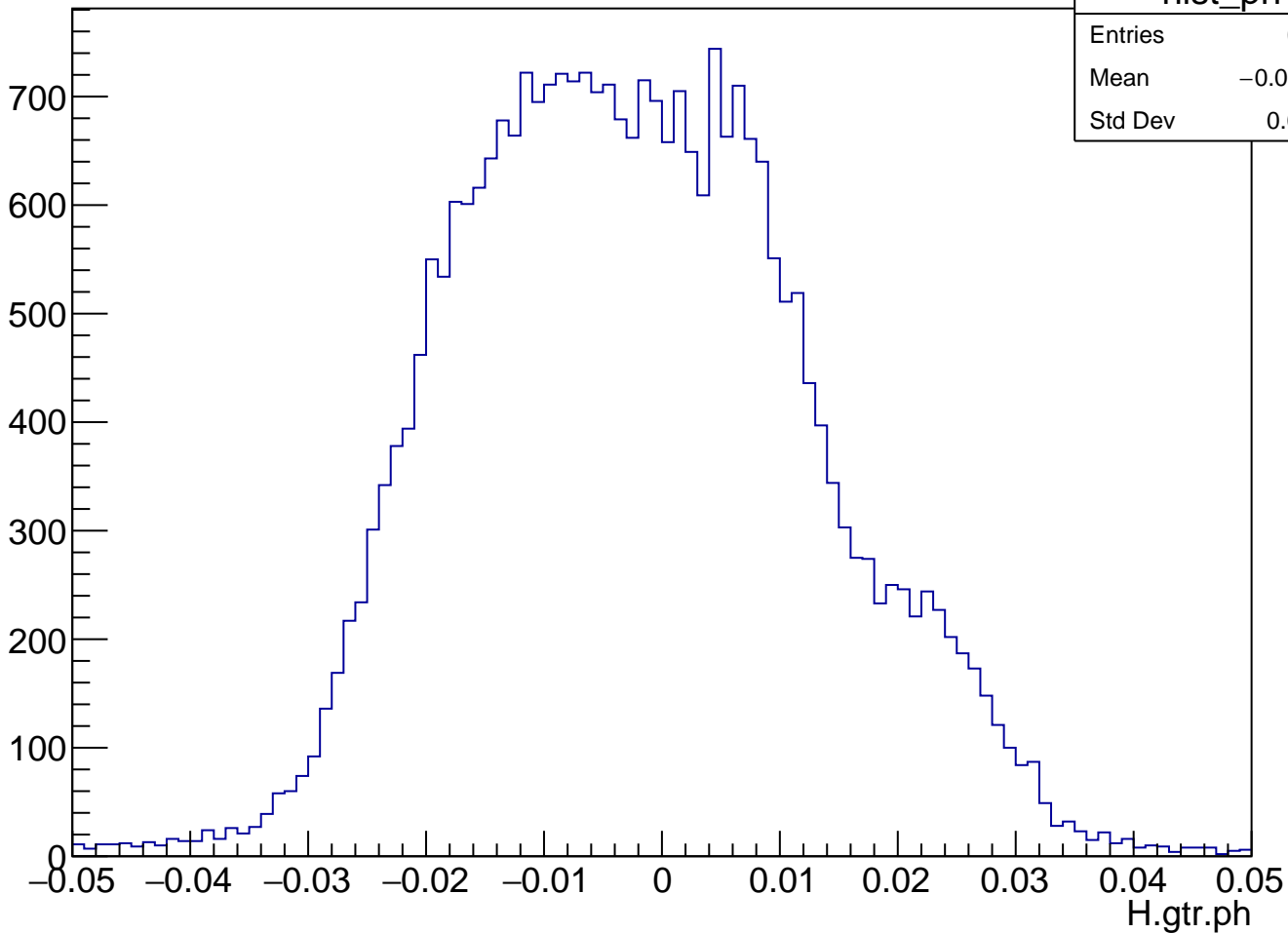
Emiss

Run 2920: NPS.kin.secondary.emiss_nuc



Run 2920: H.gtr.ph

Counts



hist_ph

Entries 61360

Mean -0.002316

Std Dev 0.01476

H.gtr.ph

Run 2920: H.gtr.th

Counts

