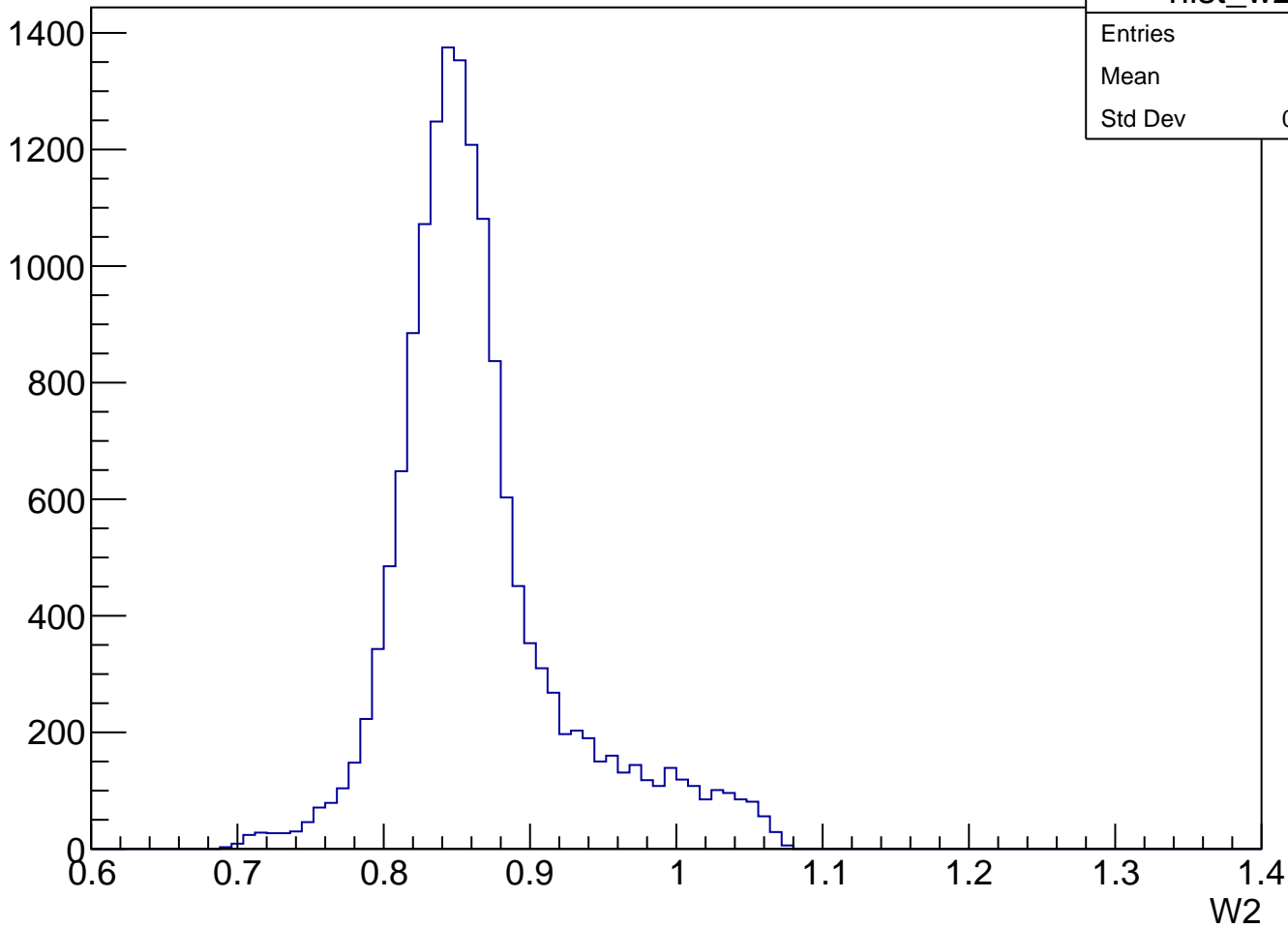


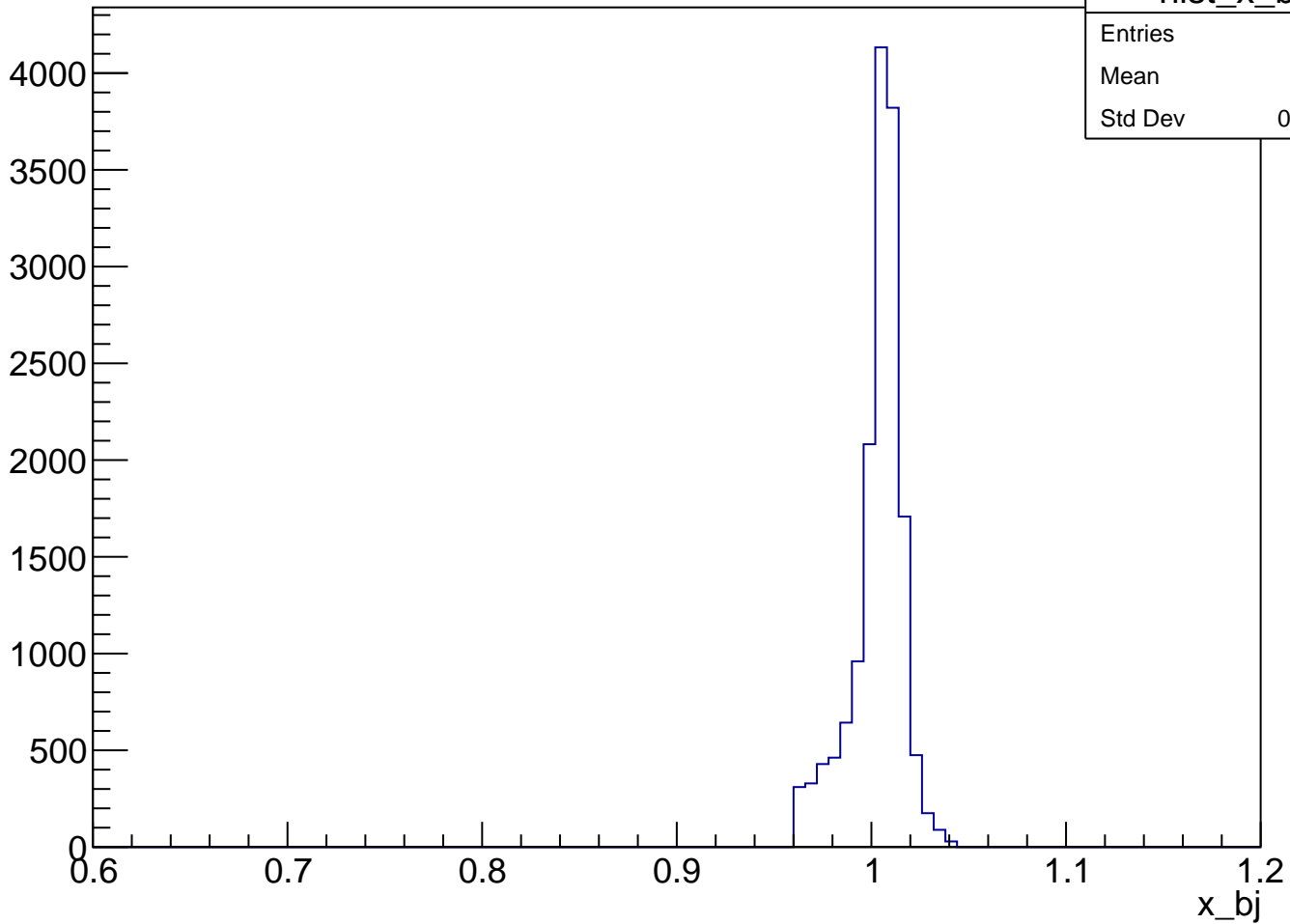
Run 6828: H.kin.W2

Counts



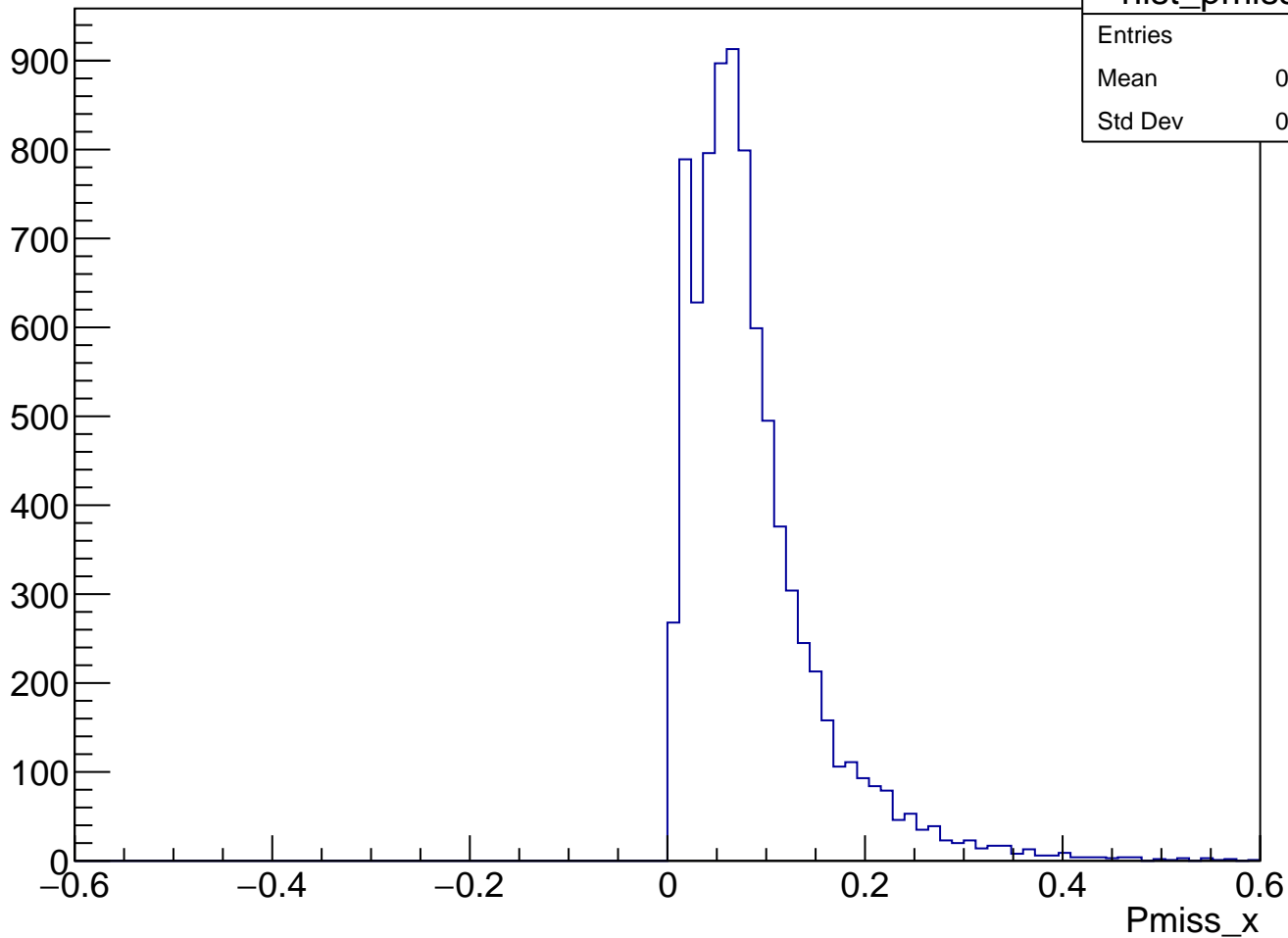
Run 6828: H.kin.x_bj

Counts



Run 6828: NPS.kin.secondary.pmiss_x

Counts



hist_pmiss_x

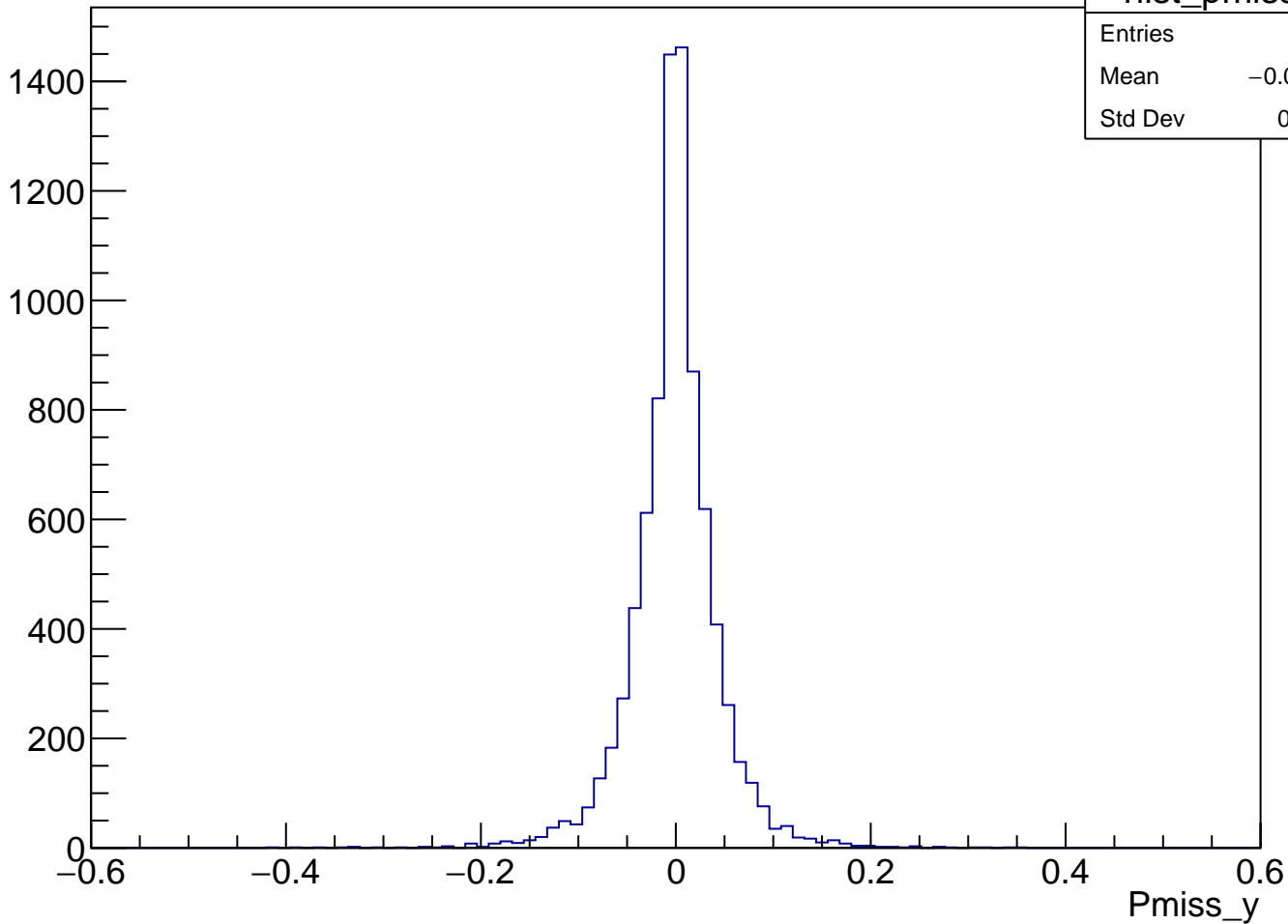
Entries 15645

Mean 0.08658

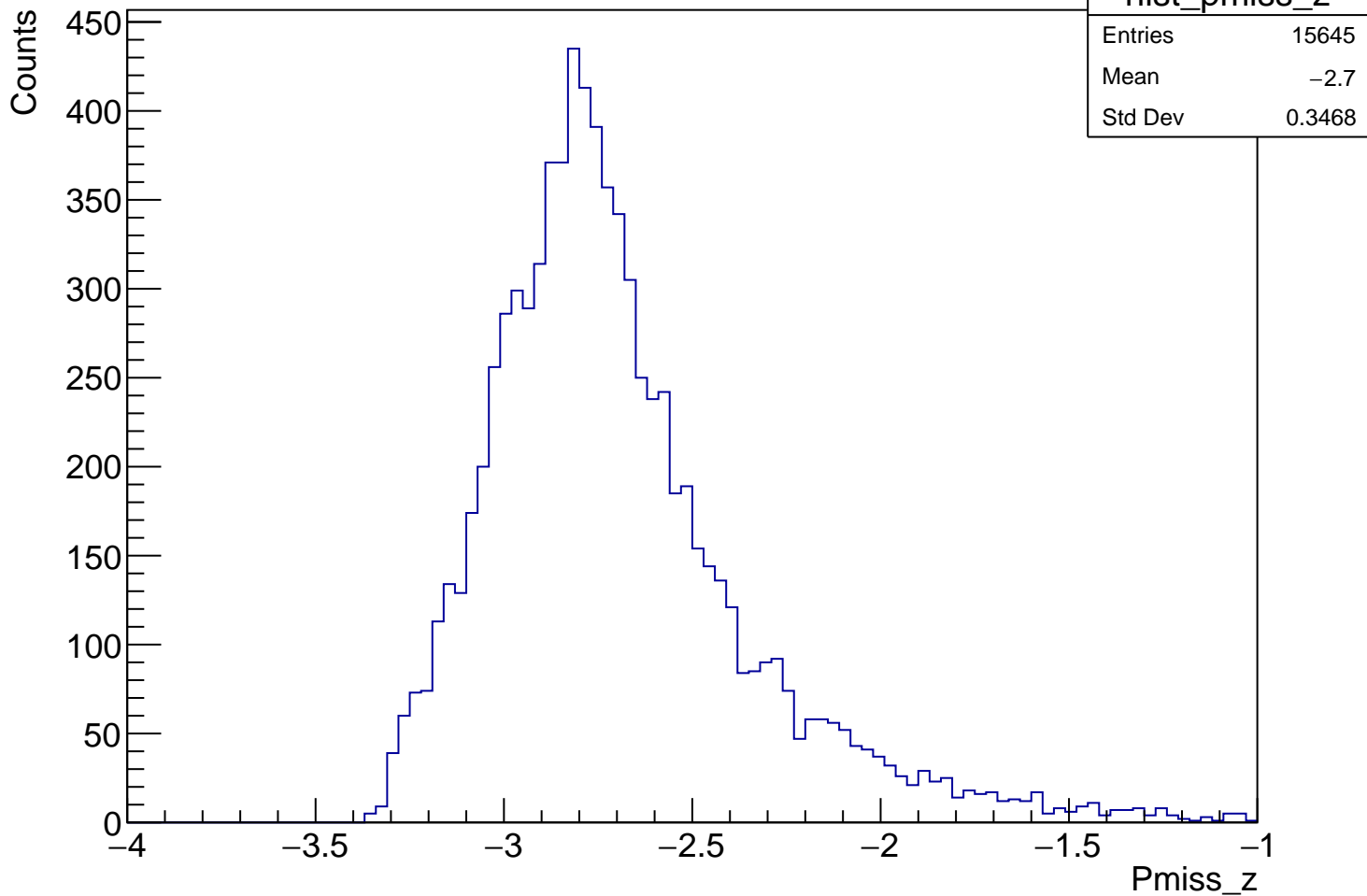
Std Dev 0.06852

Run 6828: NPS.kin.secondary.pmiss_y

Counts

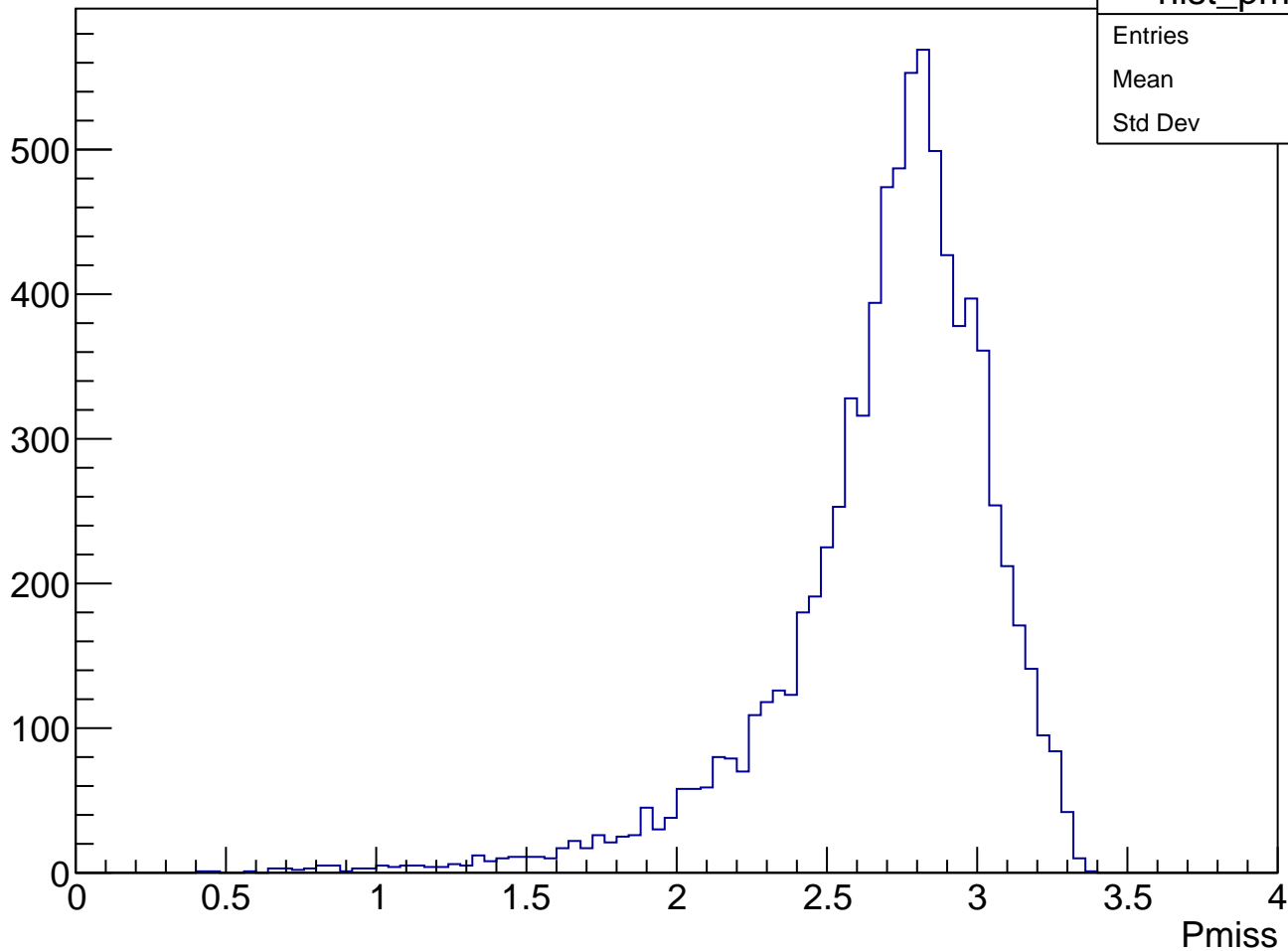


Run 6828: NPS.kin.secondary.pmiss_z



Run 6828: NPS.kin.secondary.pmiss

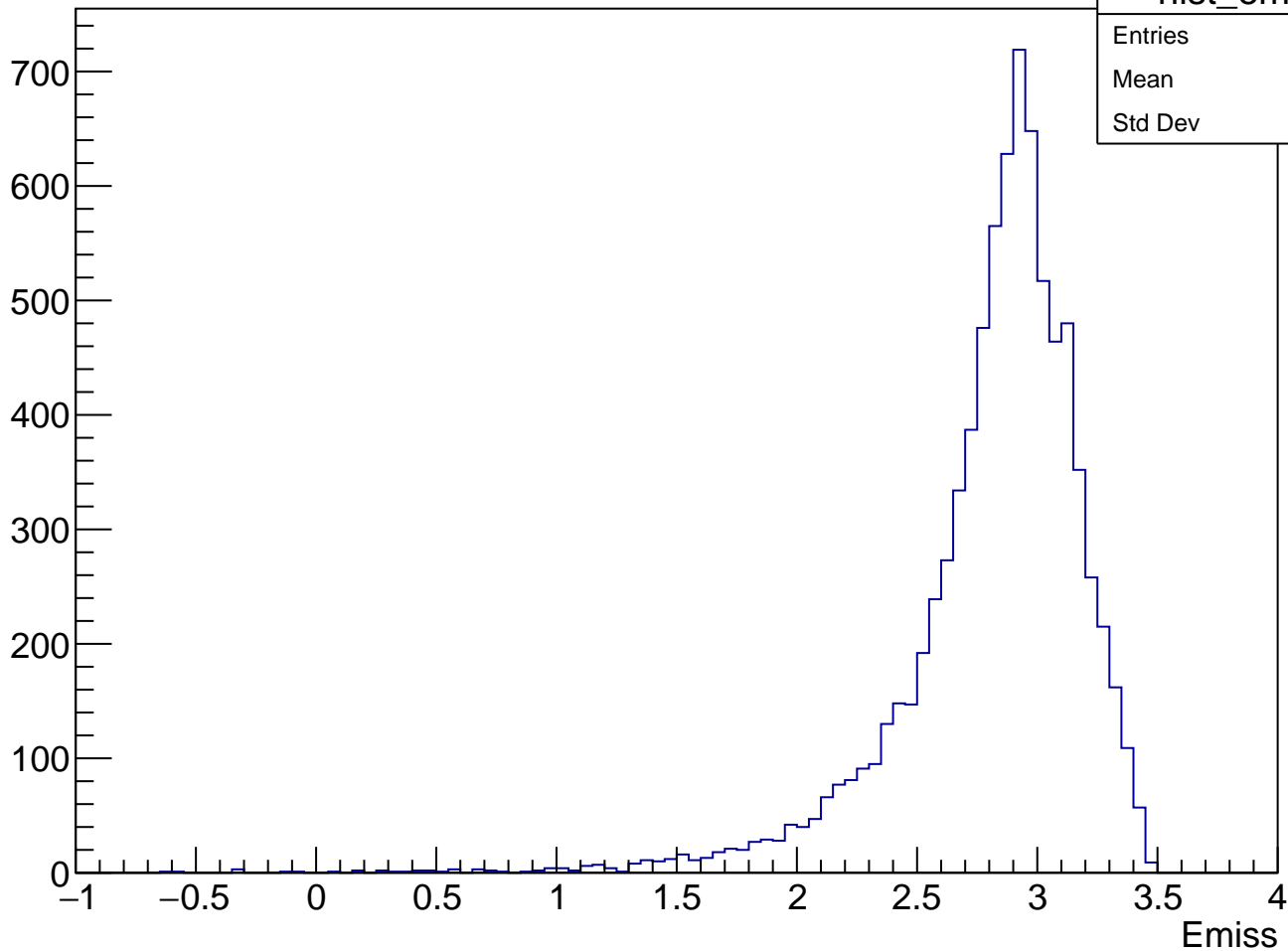
Counts



Pmiss

Run 6828: NPS.kin.secondary.emiss

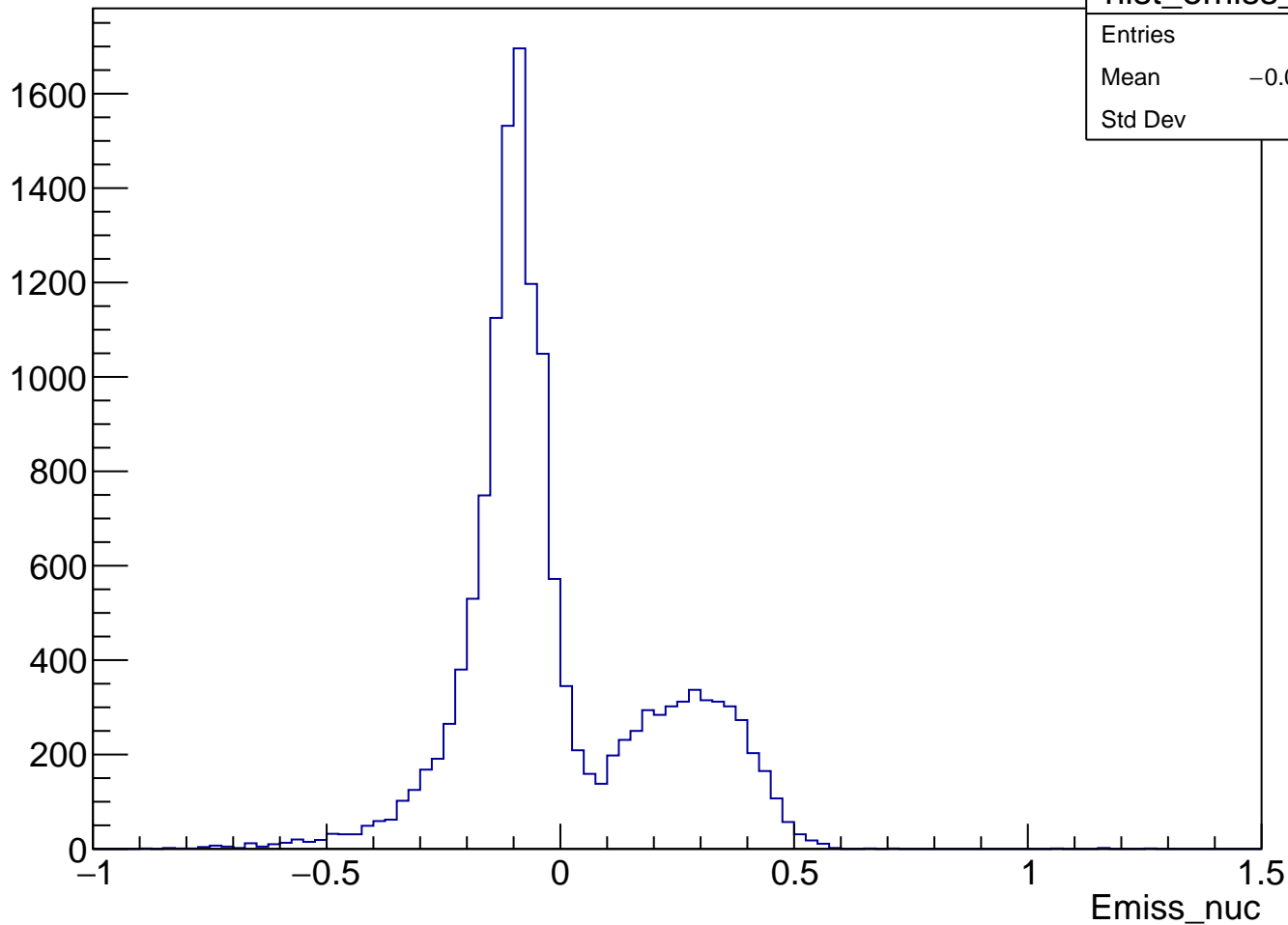
Counts



Emiss

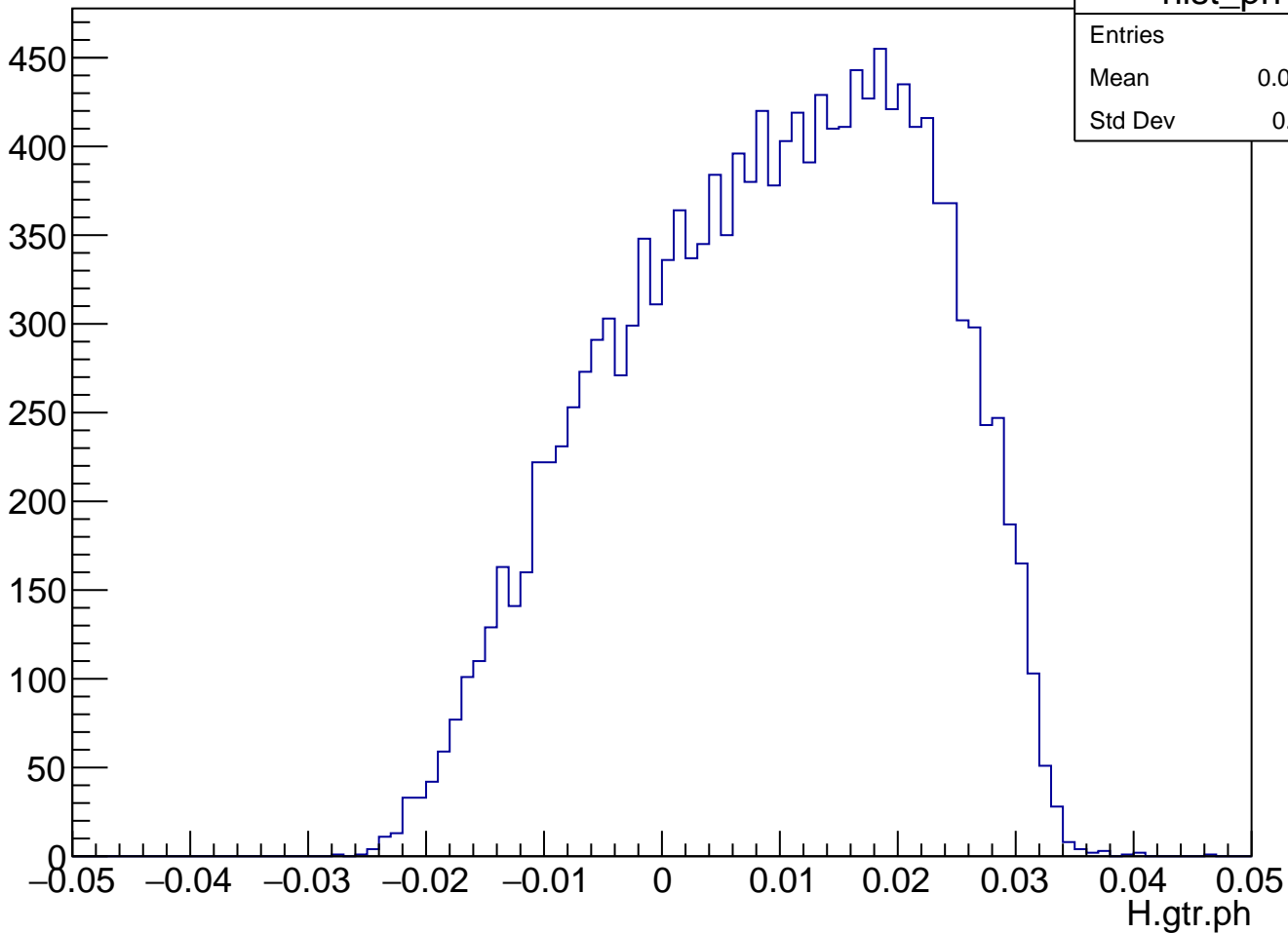
Run 6828: NPS.kin.secondary.emiss_nuc

Counts



Run 6828: H.gtr.ph

Counts

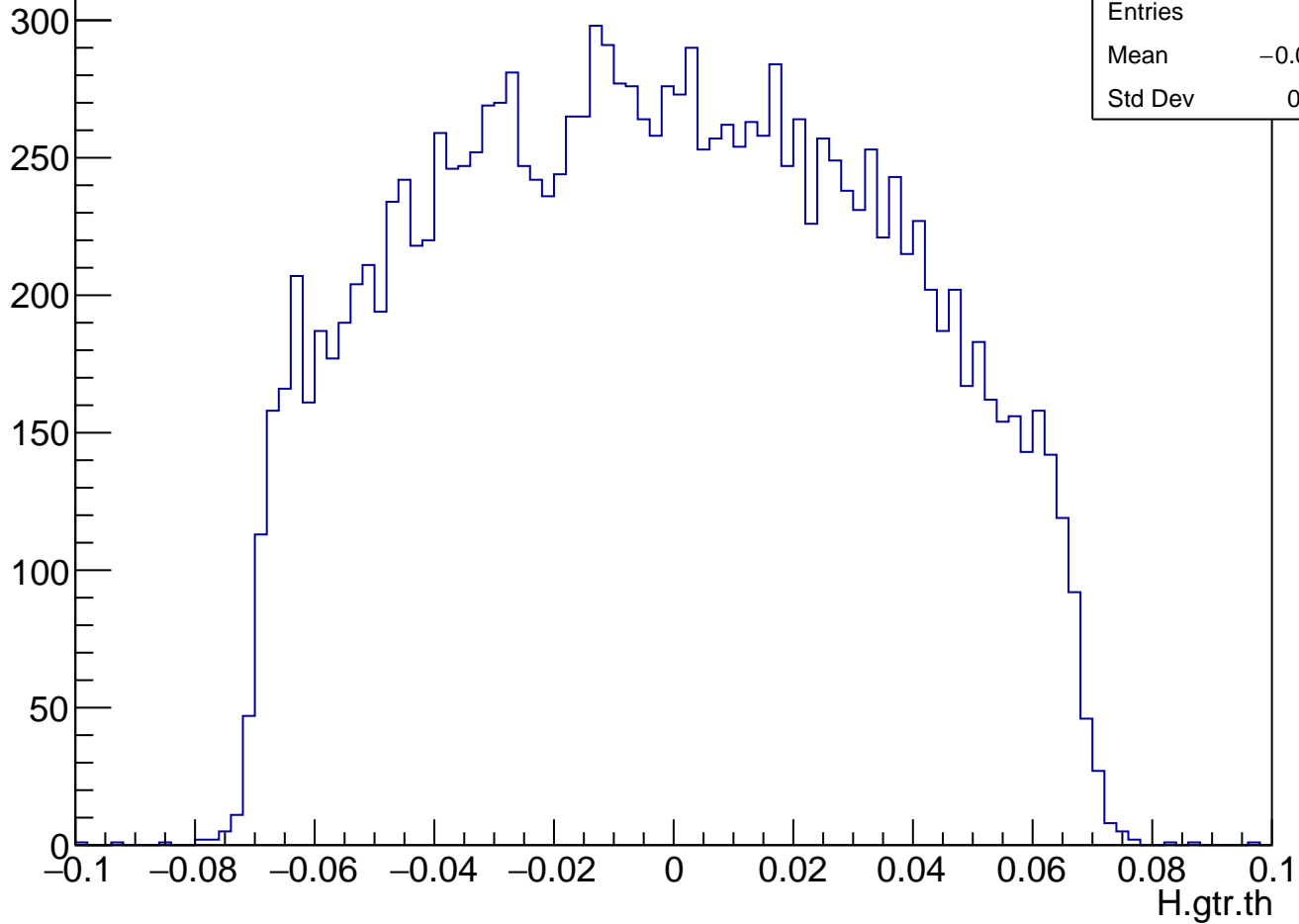


hist_ph

Entries	15645
Mean	0.009071
Std Dev	0.01271

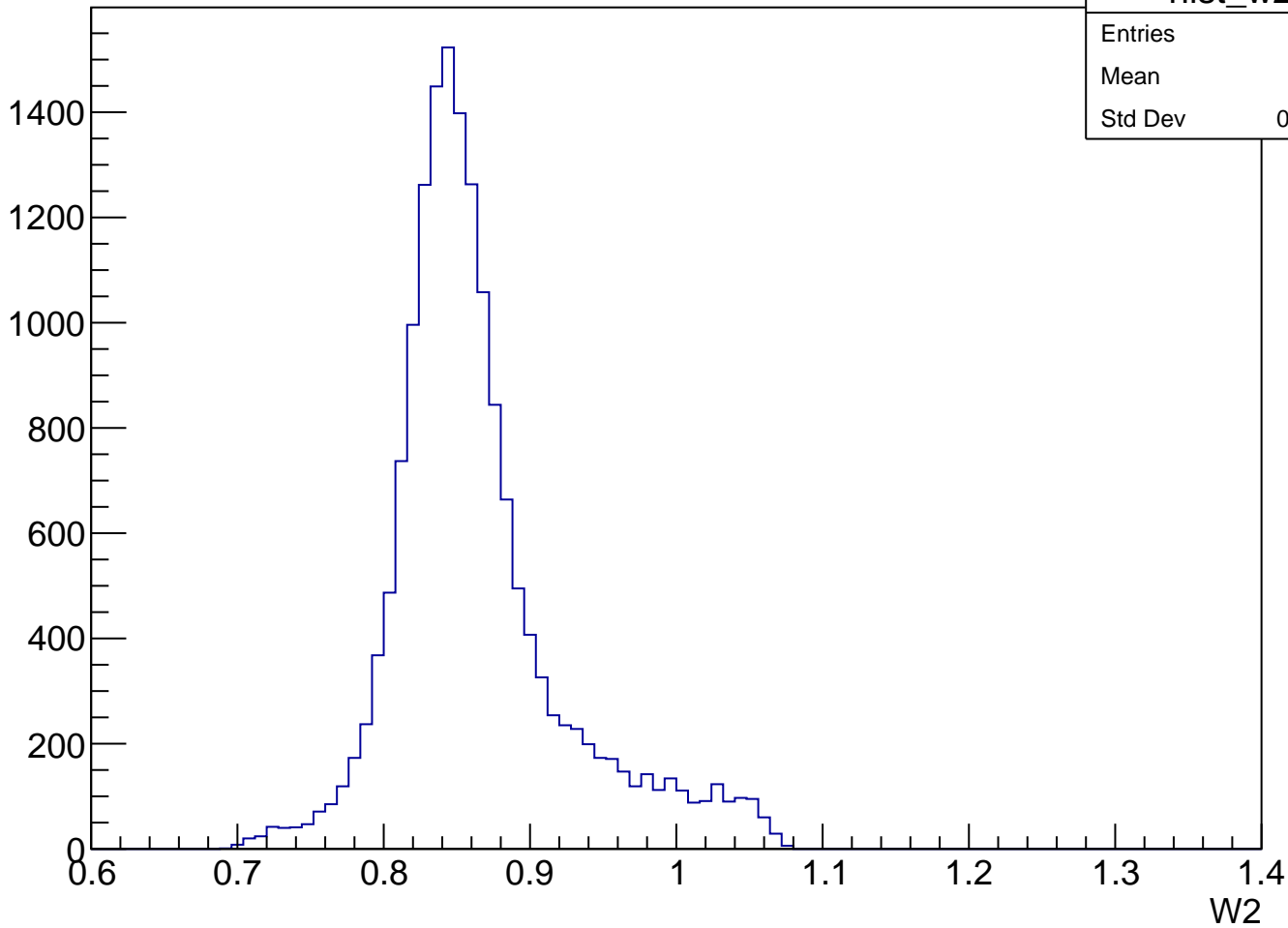
Run 6828: H.gtr.th

Counts

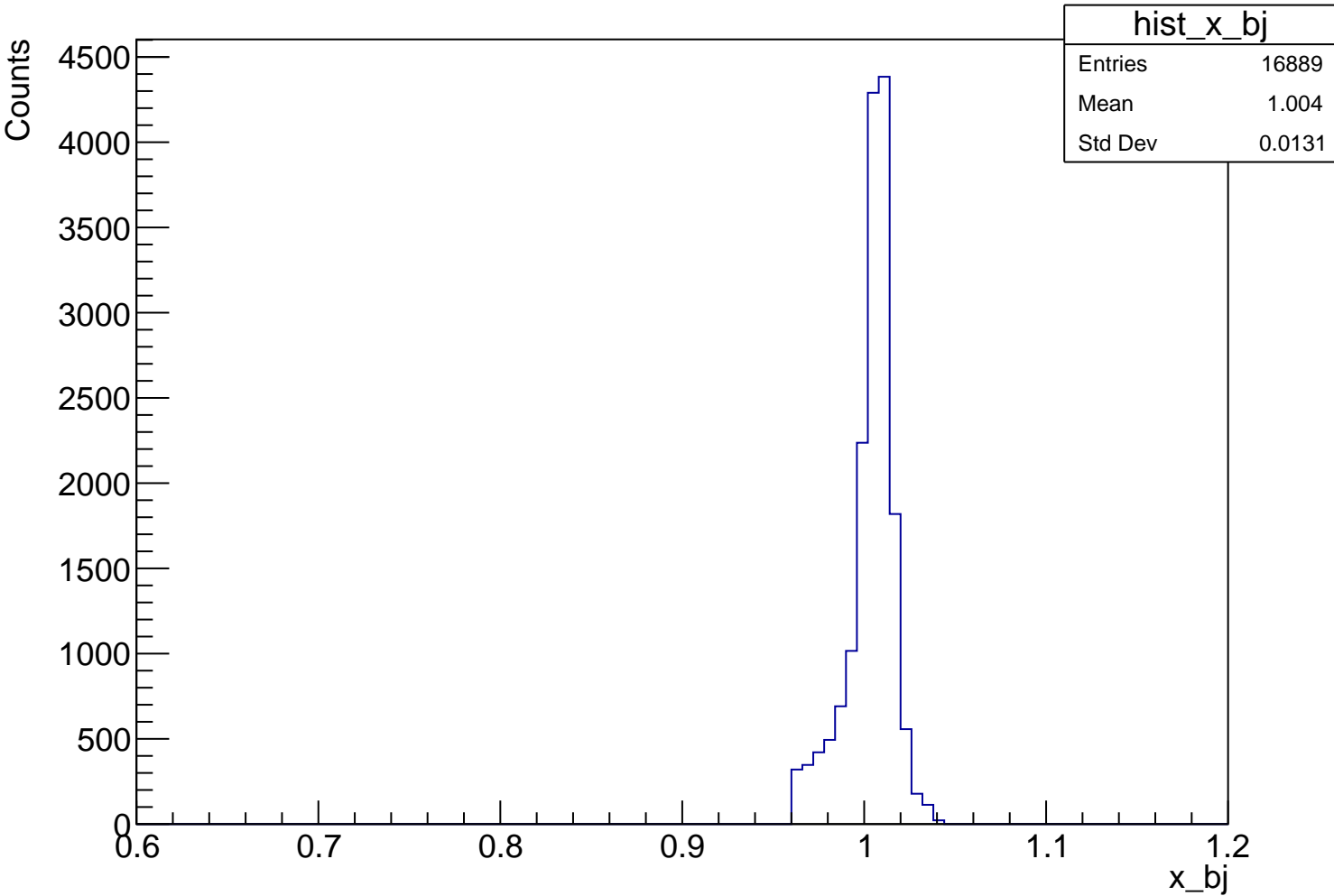


Run 6829: H.kin.W2

Counts

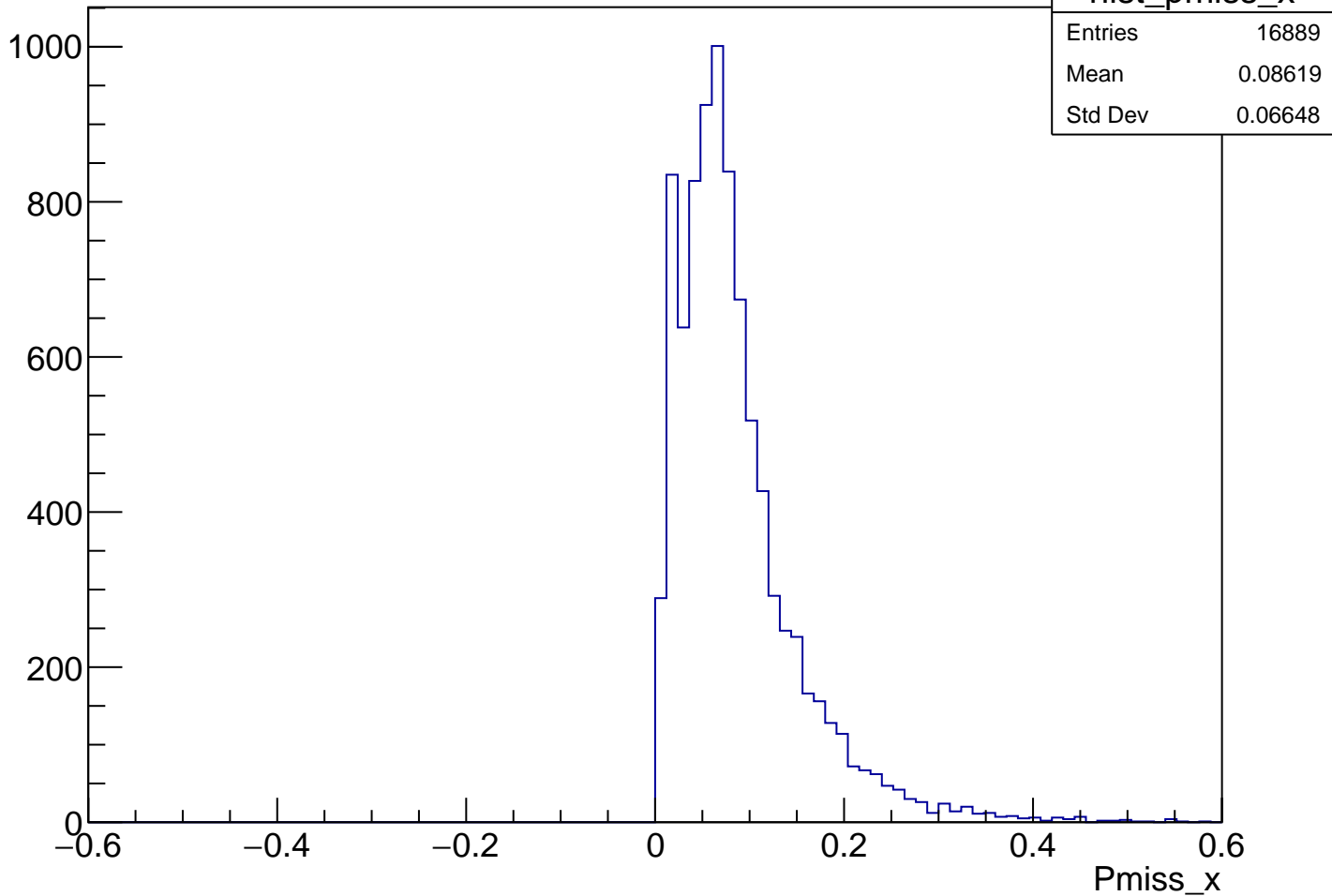


Run 6829: H.kin.x_bj



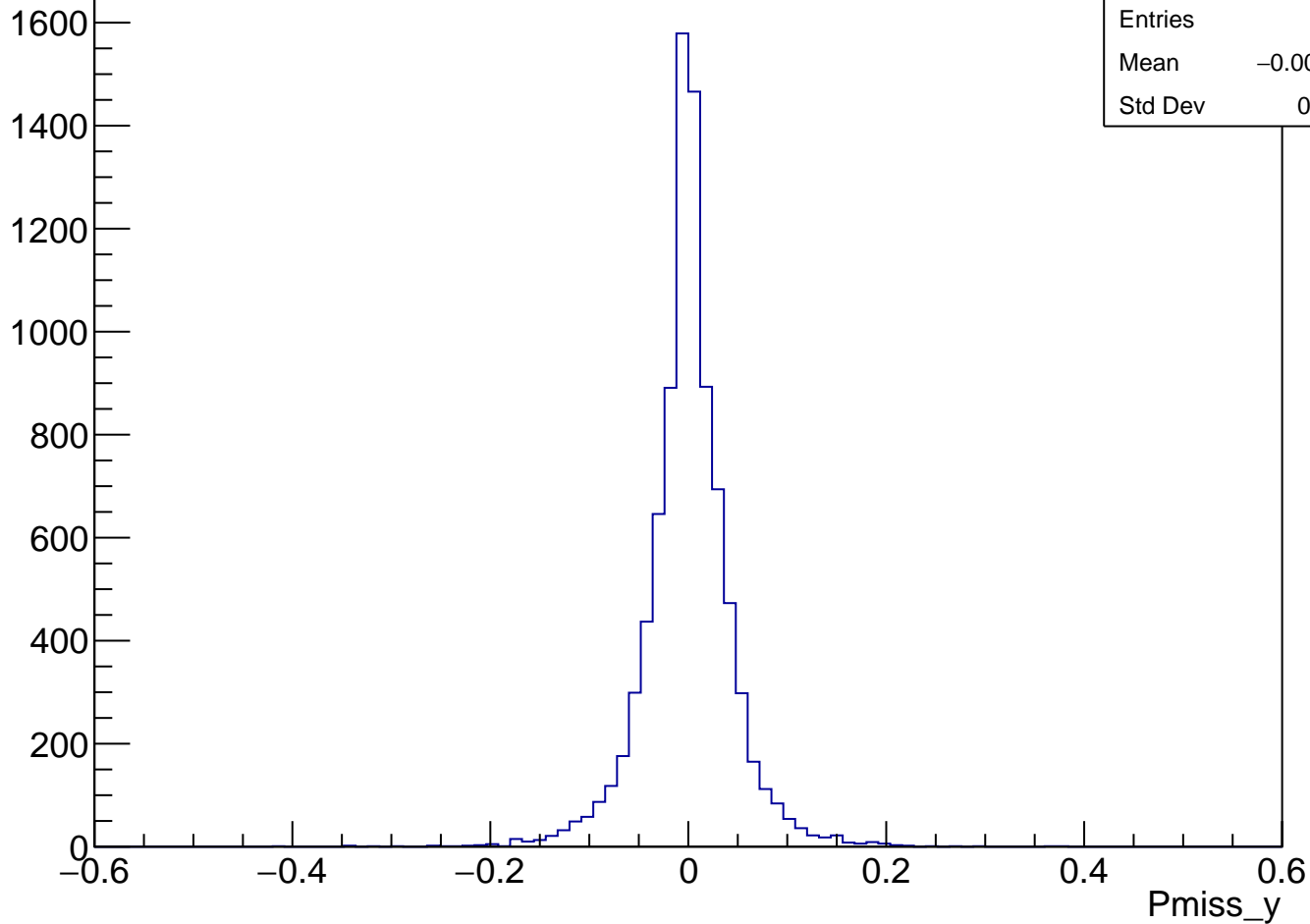
Run 6829: NPS.kin.secondary.pmiss_x

Counts

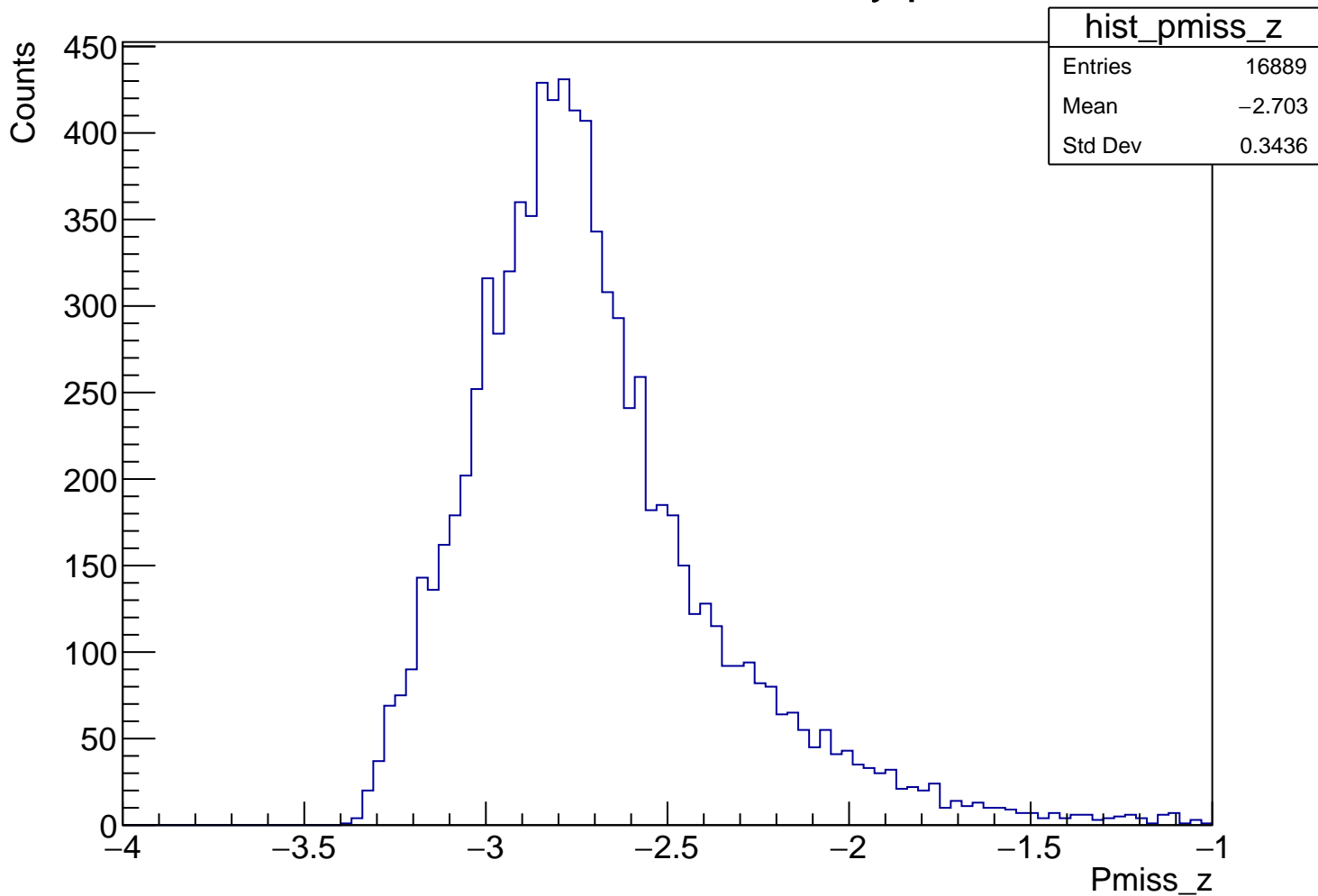


Run 6829: NPS.kin.secondary.pmiss_y

Counts

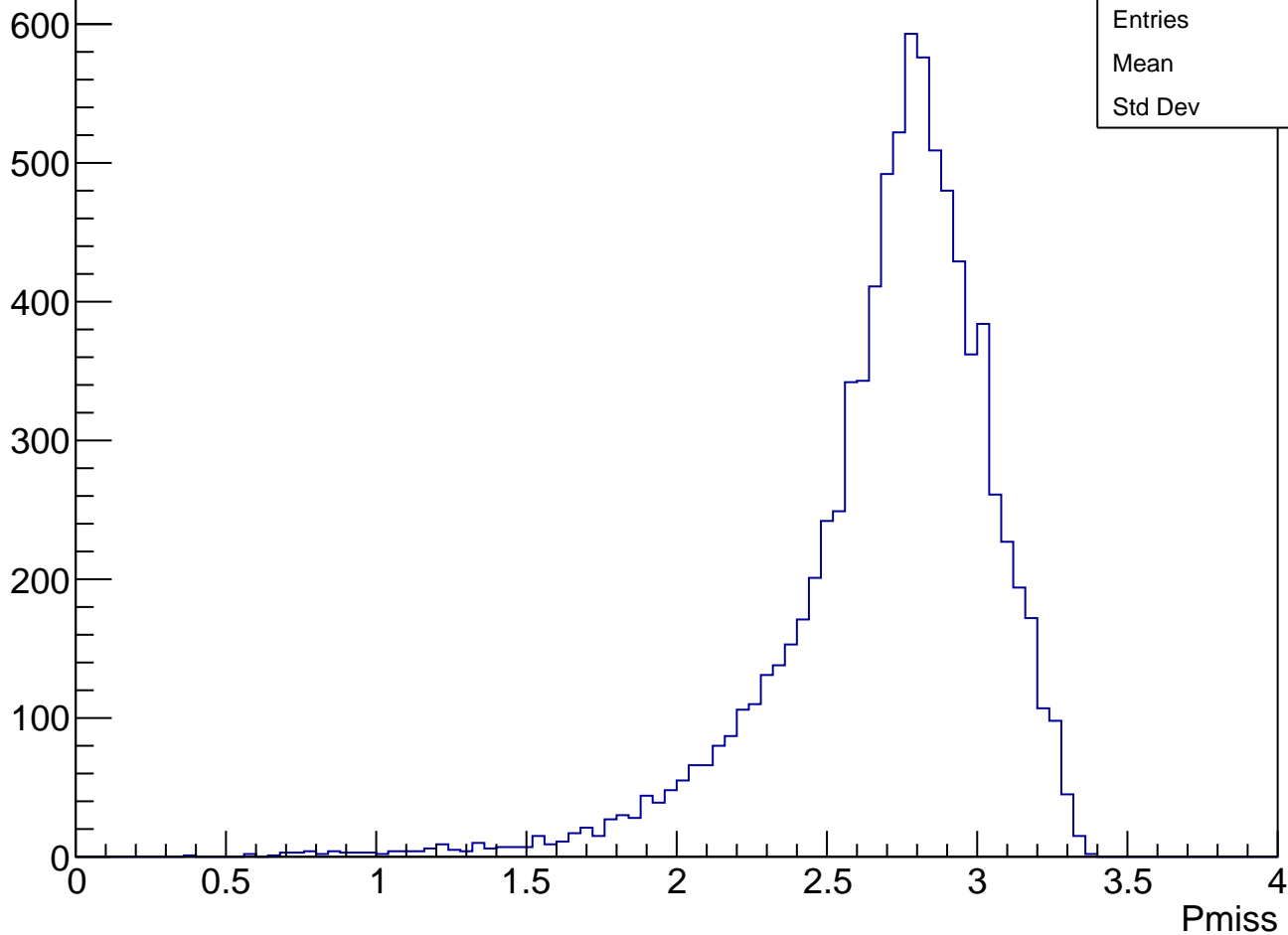


Run 6829: NPS.kin.secondary.pmiss_z



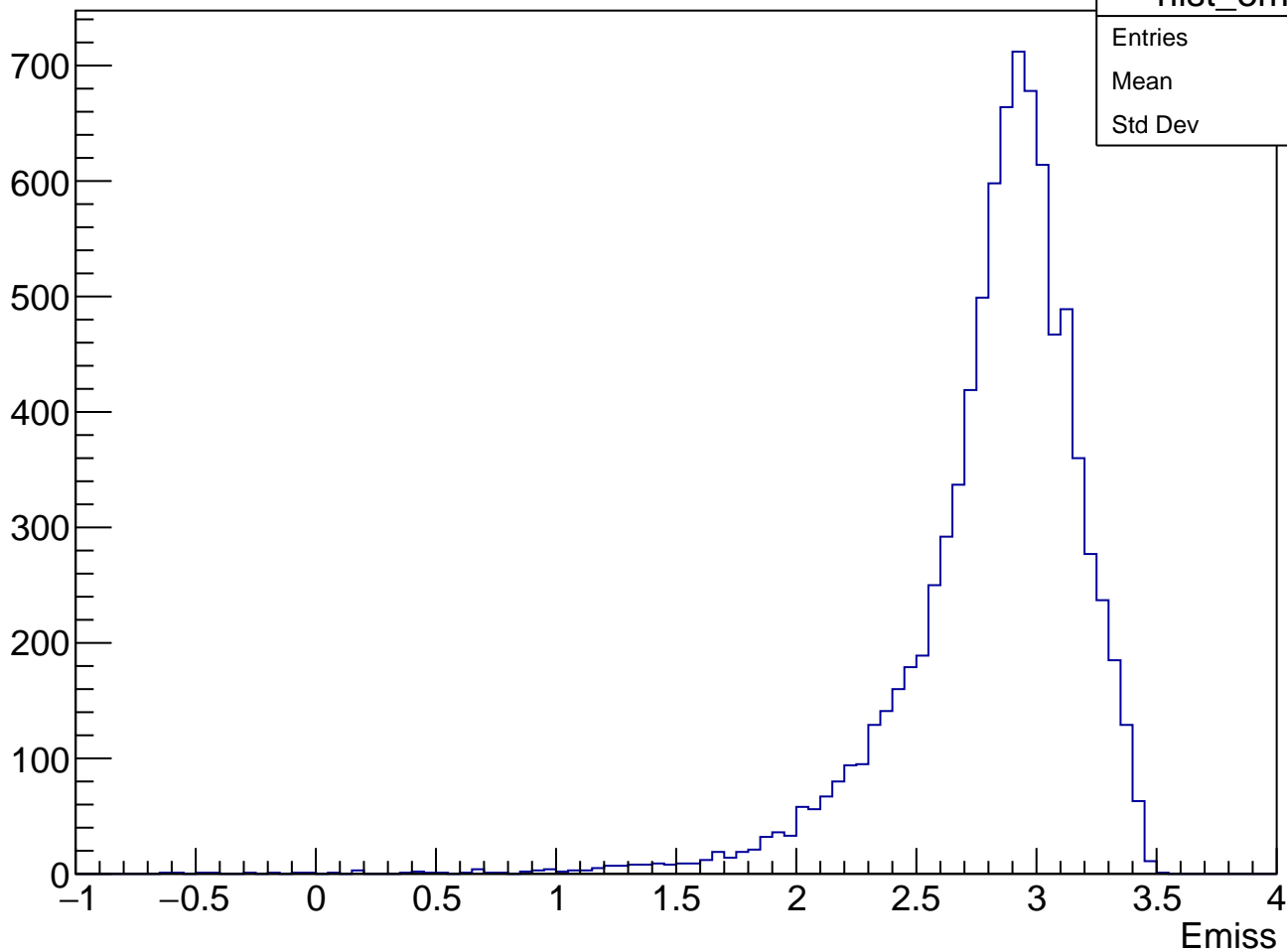
Run 6829: NPS.kin.secondary.pmiss

Counts



Run 6829: NPS.kin.secondary.emiss

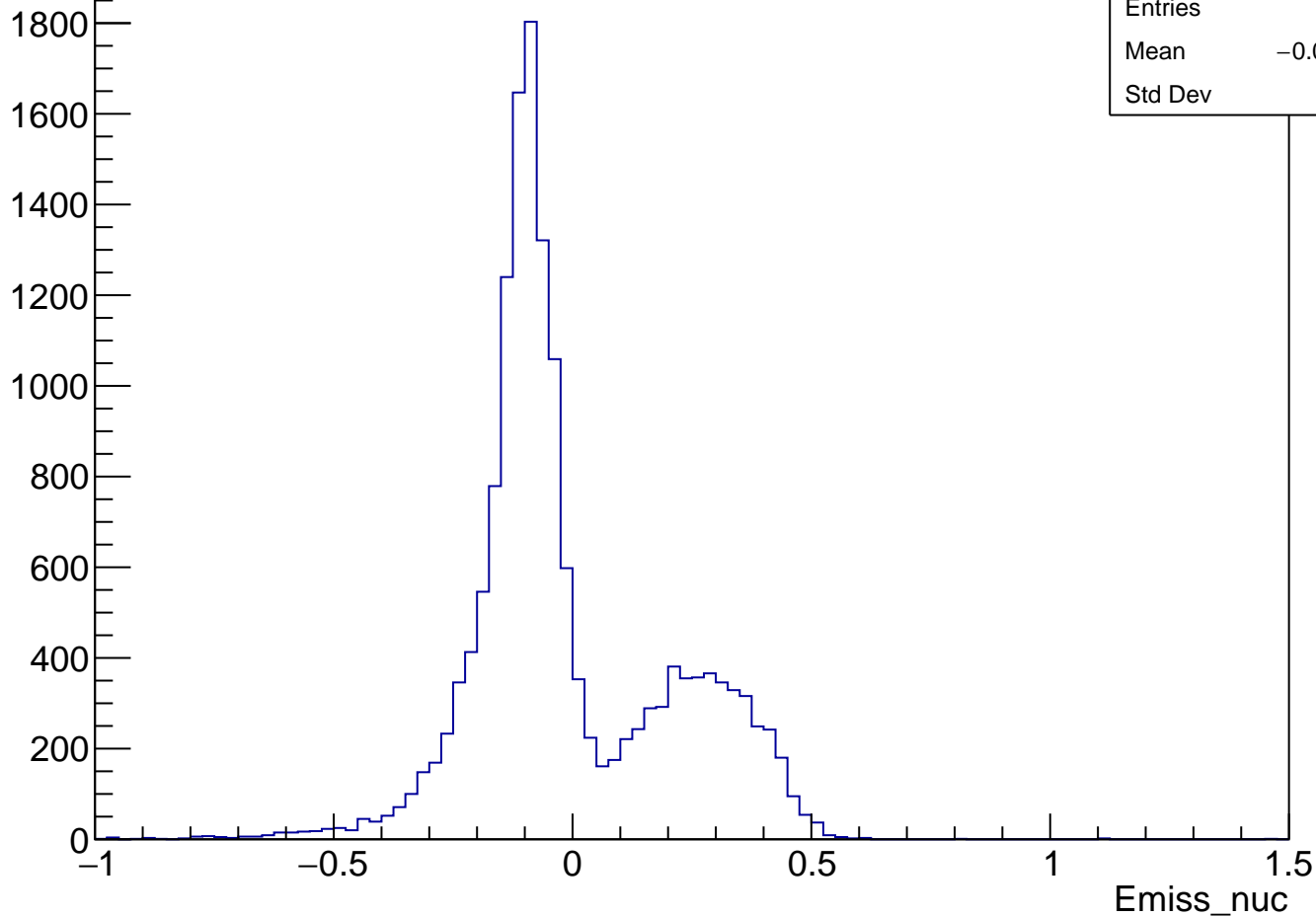
Counts



Emiss

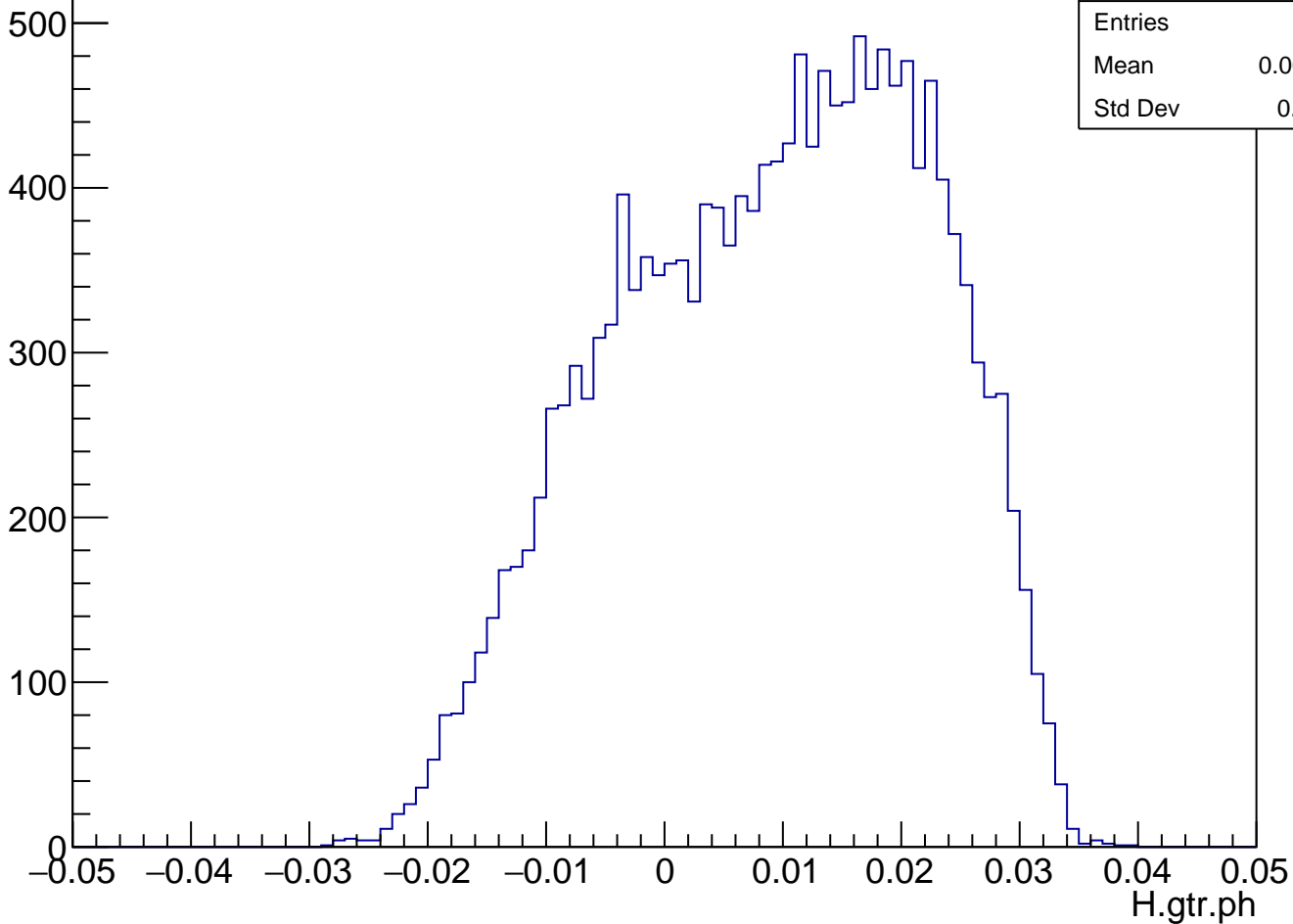
Run 6829: NPS.kin.secondary.emiss_nuc

Counts



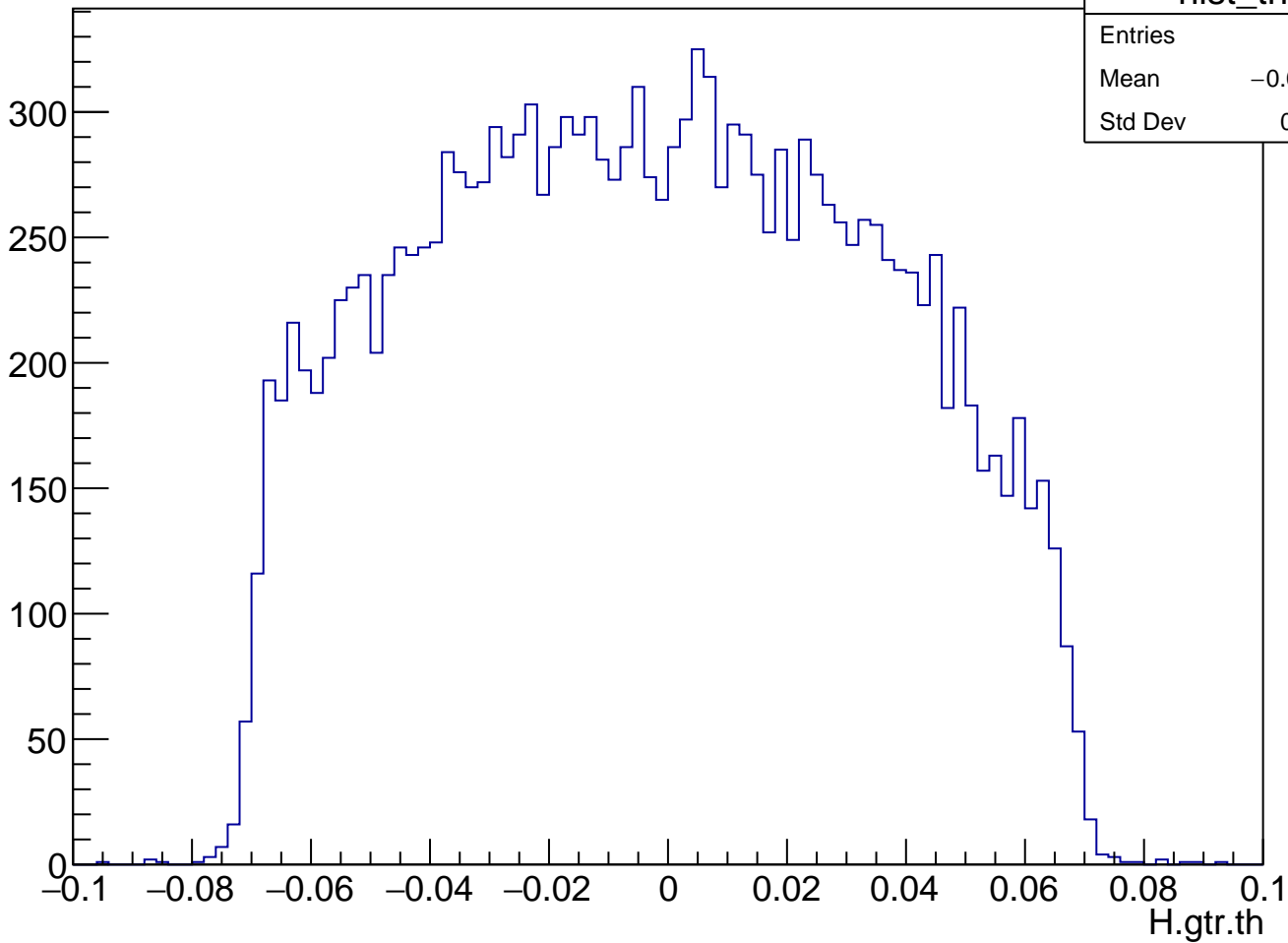
Run 6829: H.gtr.ph

Counts



Run 6829: H.gtr.th

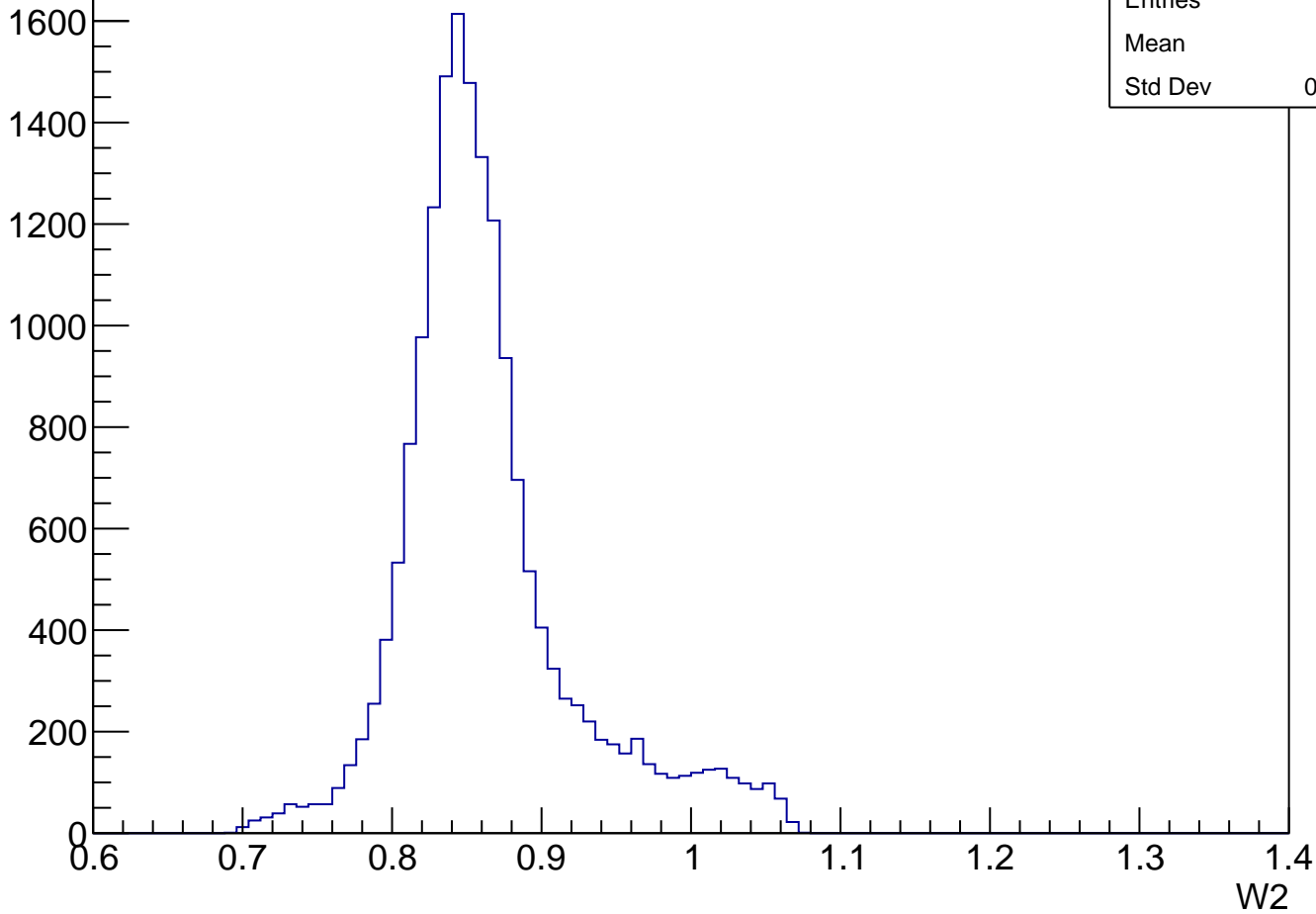
Counts



H.gtr.th

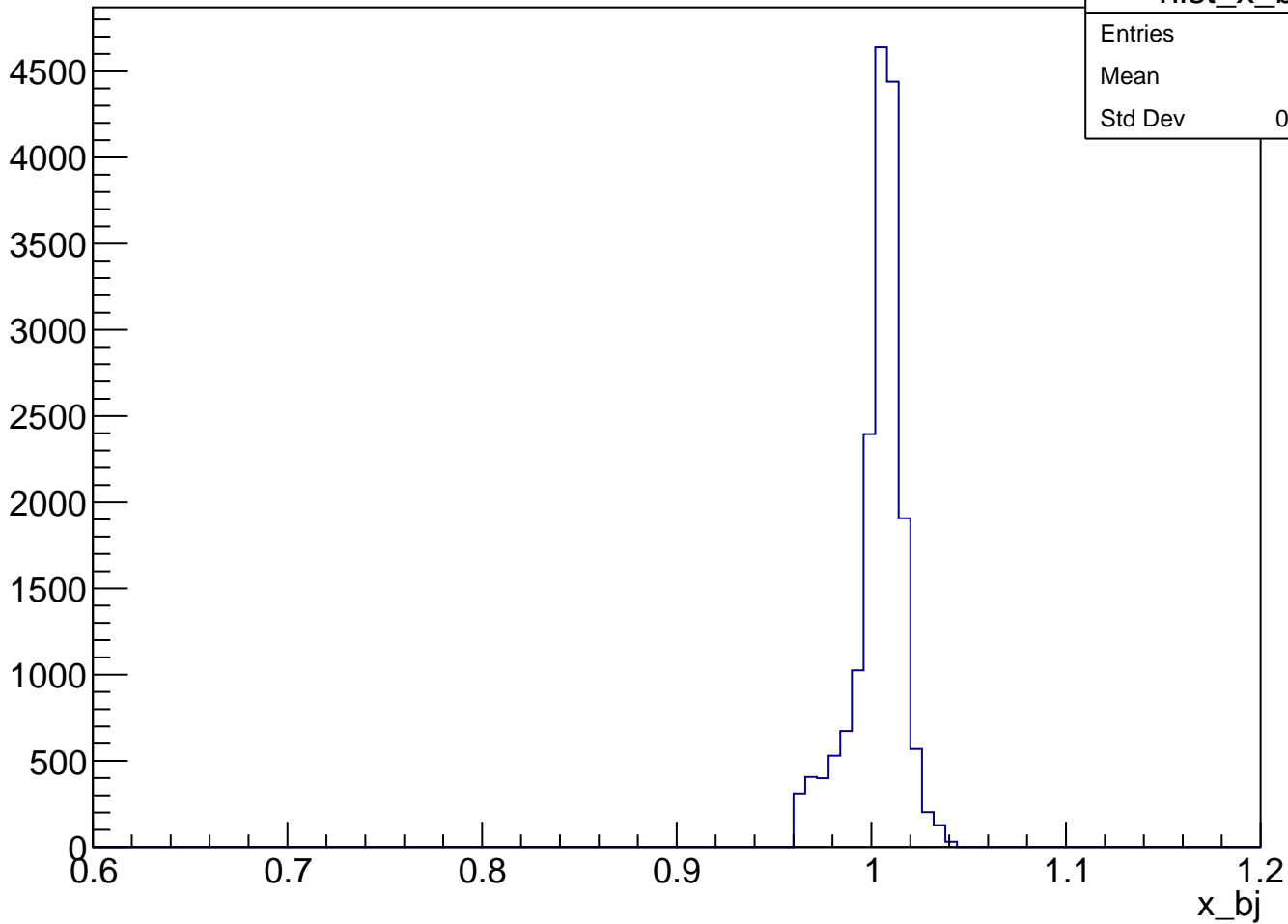
Run 6830: H.kin.W2

Counts

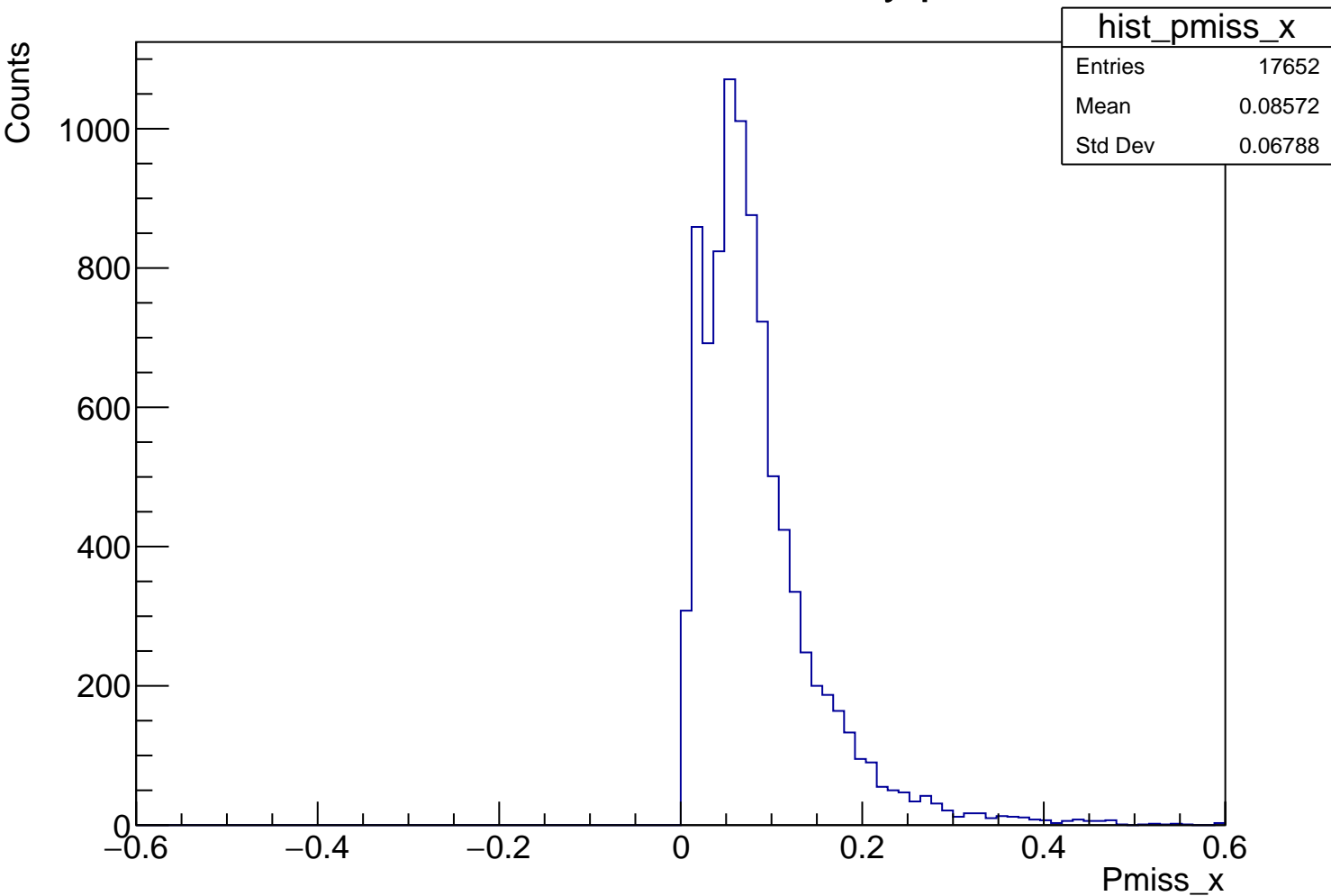


Run 6830: H.kin.x_bj

Counts

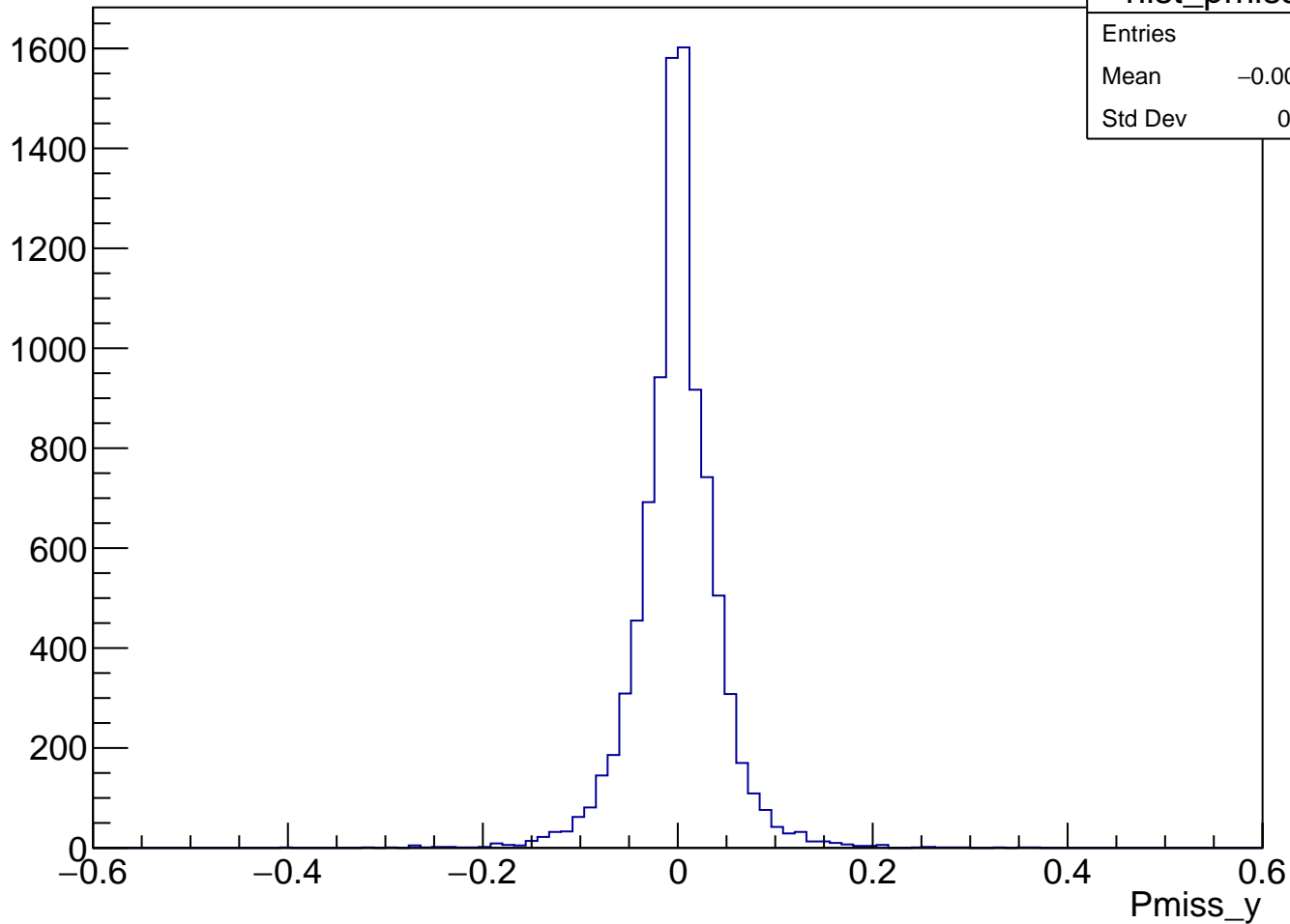


Run 6830: NPS.kin.secondary.pmiss_x



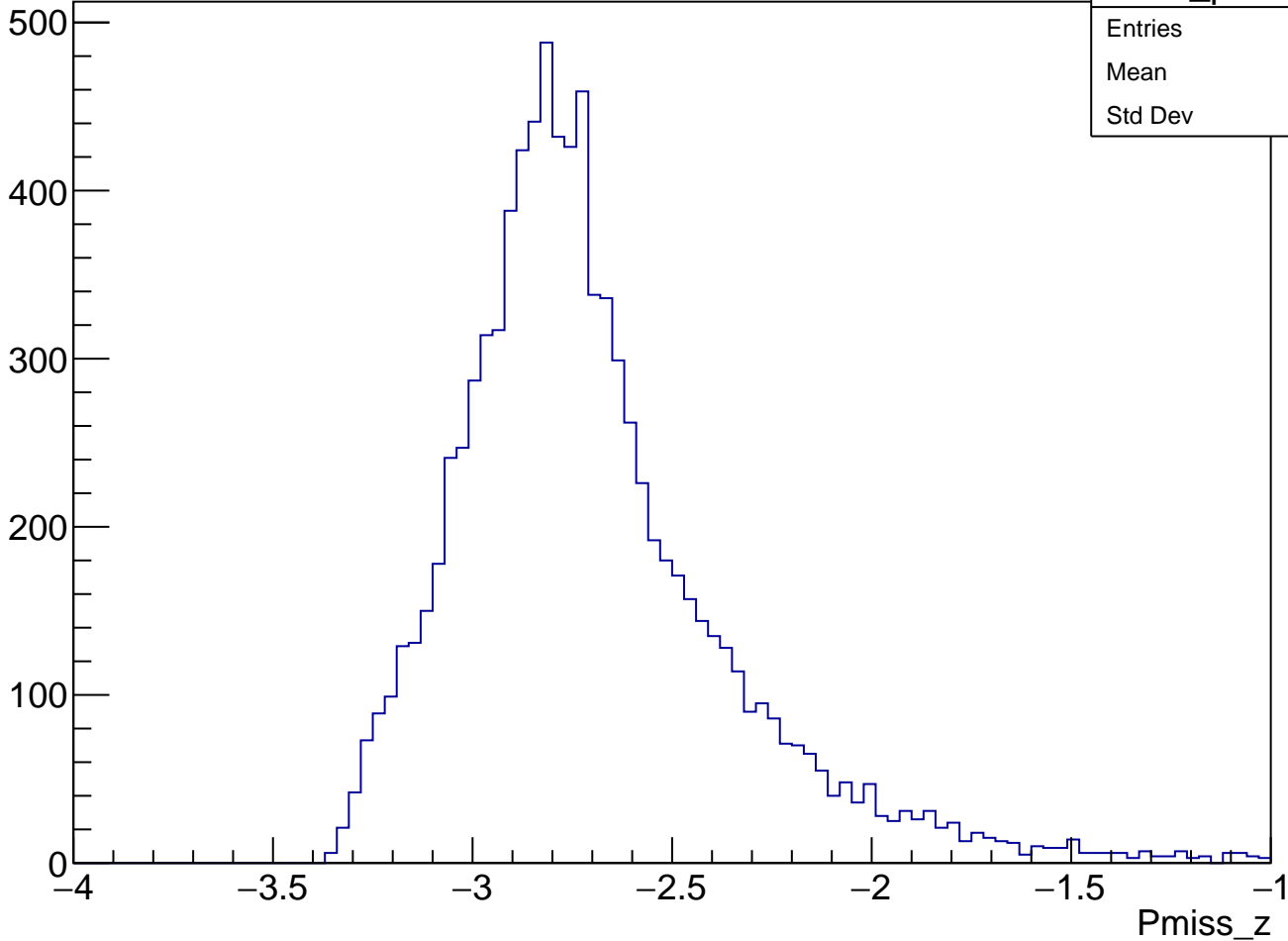
Run 6830: NPS.kin.secondary.pmiss_y

Counts



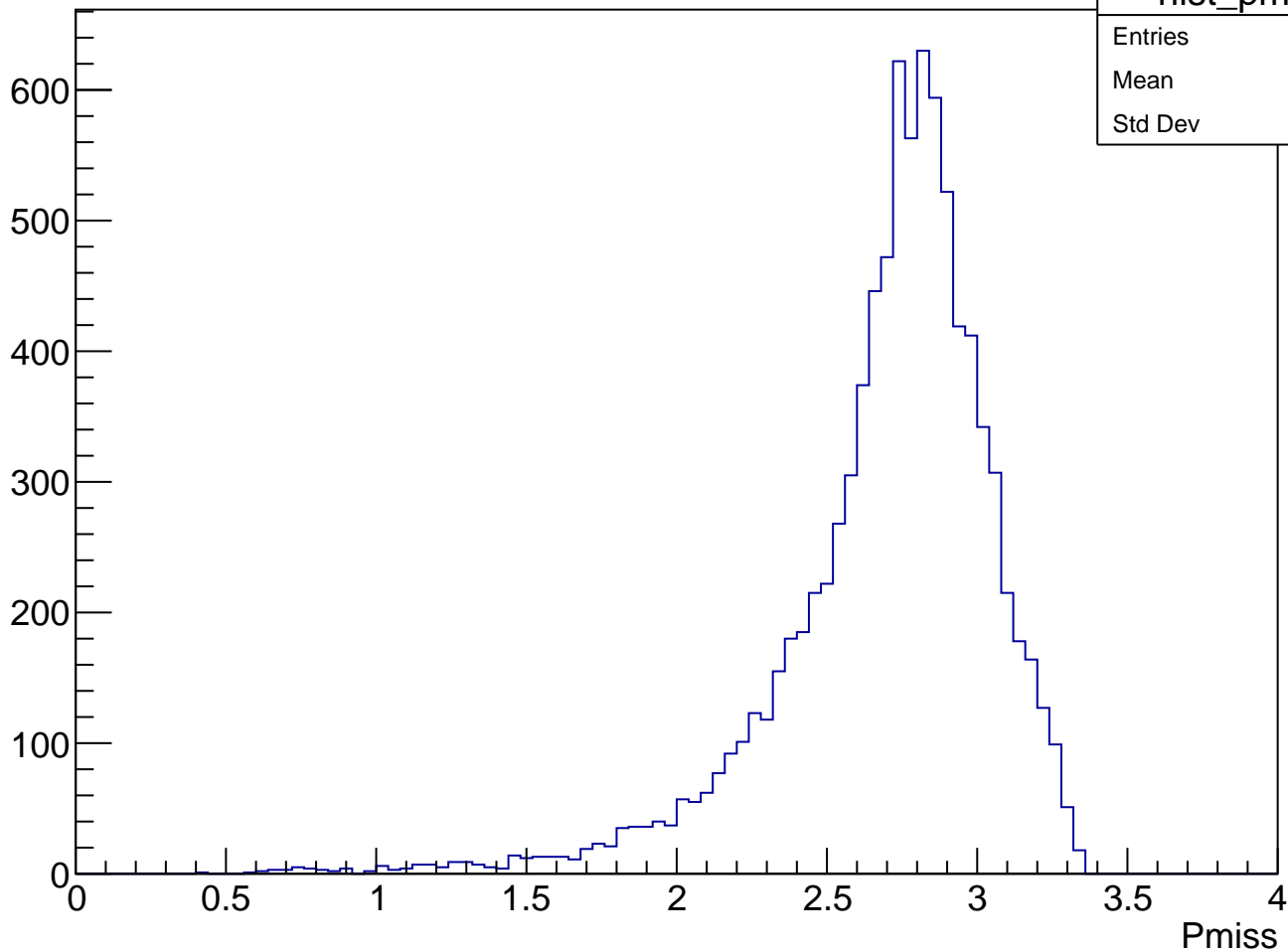
Run 6830: NPS.kin.secondary.pmiss_z

Counts

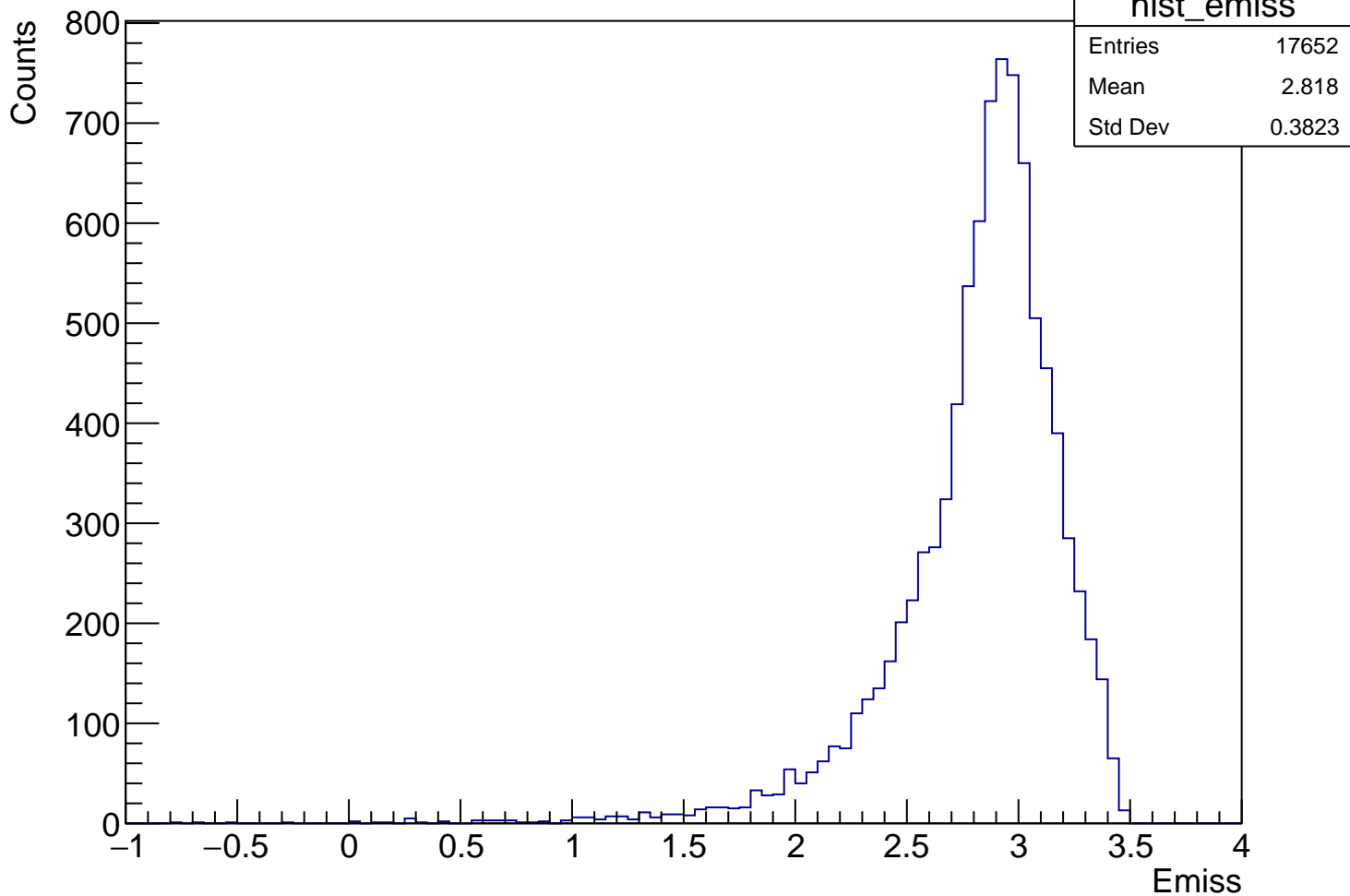


Run 6830: NPS.kin.secondary.pmiss

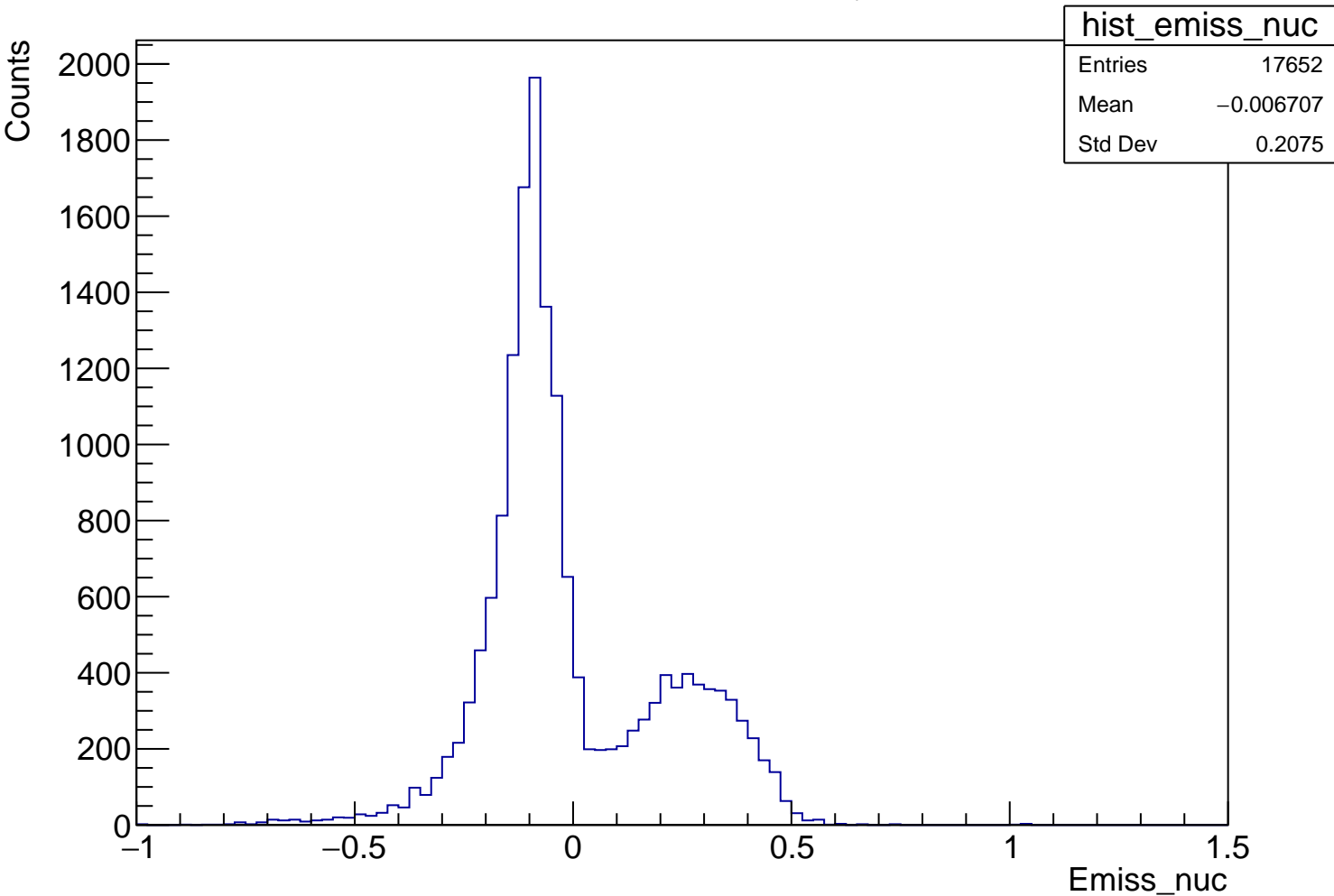
Counts



Run 6830: NPS.kin.secondary.emiss

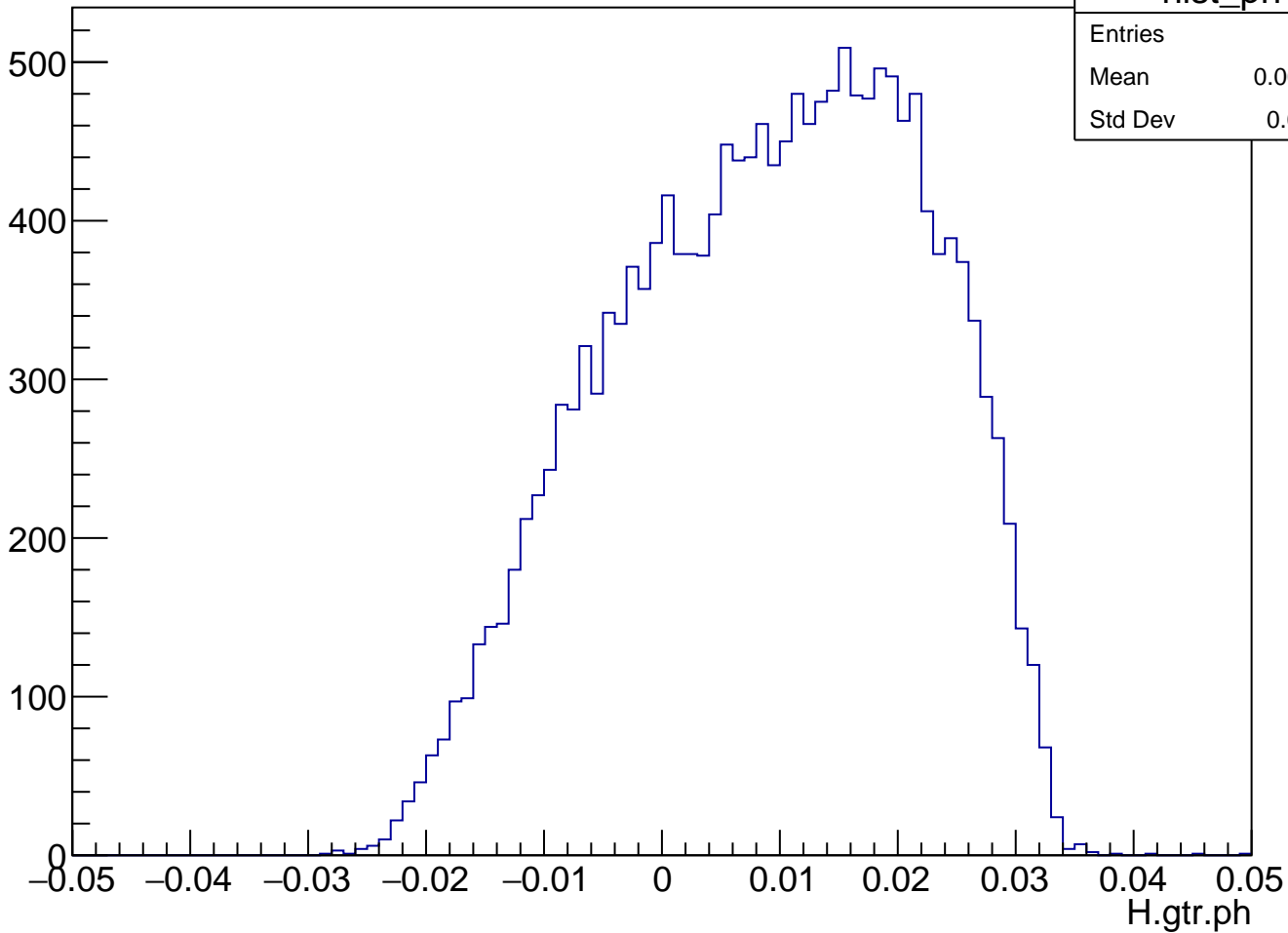


Run 6830: NPS.kin.secondary.emiss_nuc



Run 6830: H.gtr.ph

Counts



hist_ph

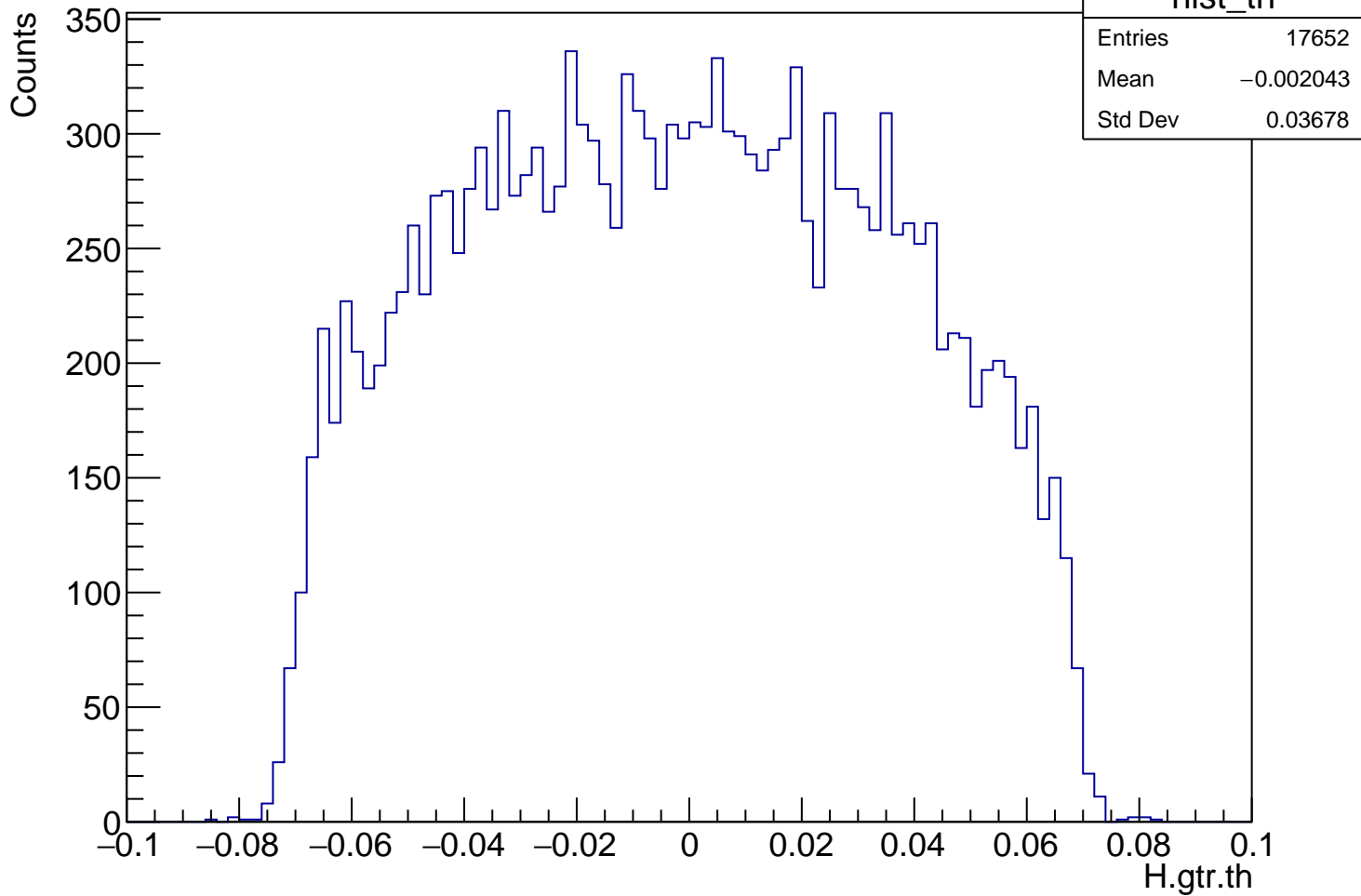
Entries 17652

Mean 0.008857

Std Dev 0.01272

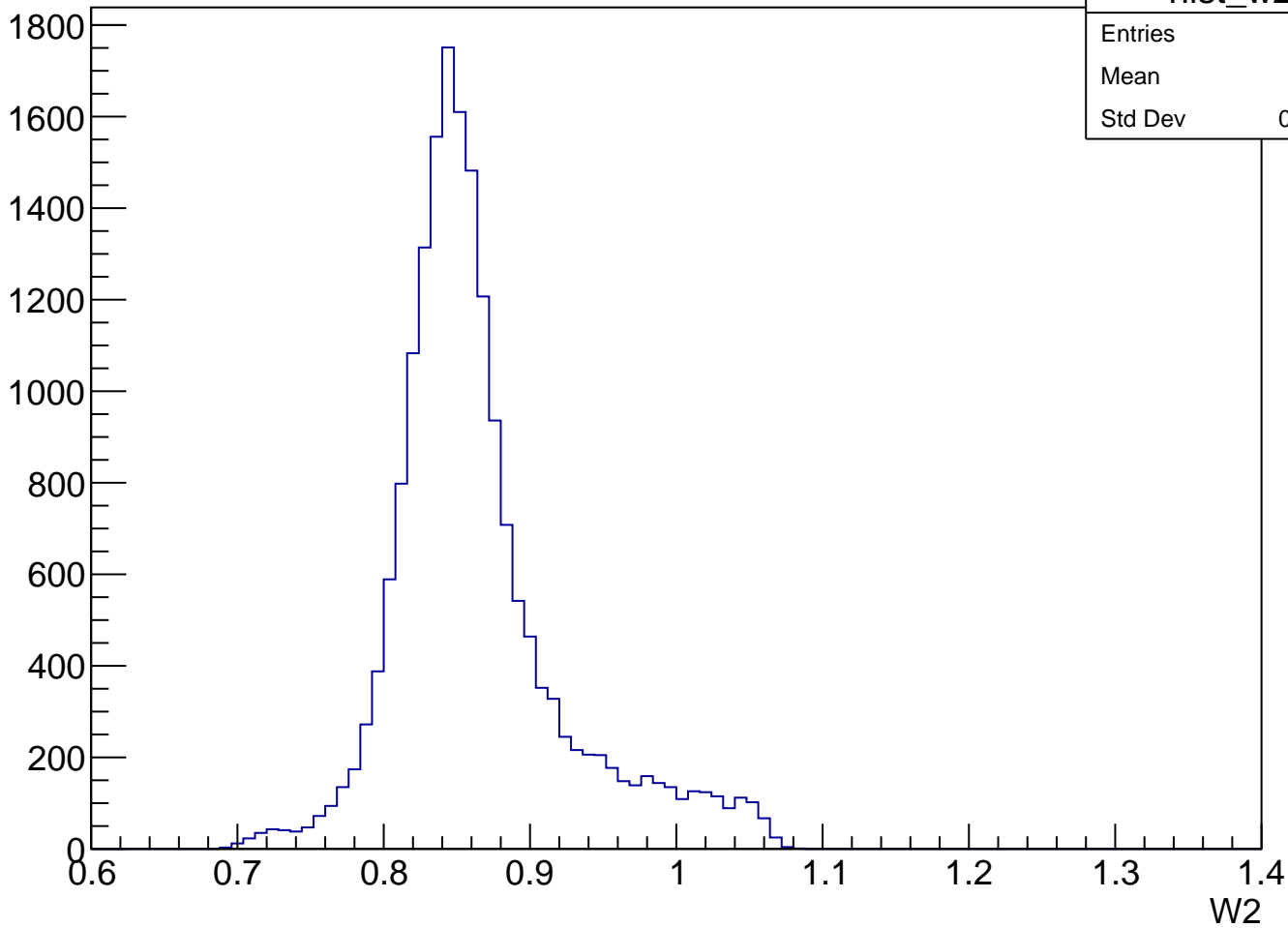
H.gtr.ph

Run 6830: H.gtr.th

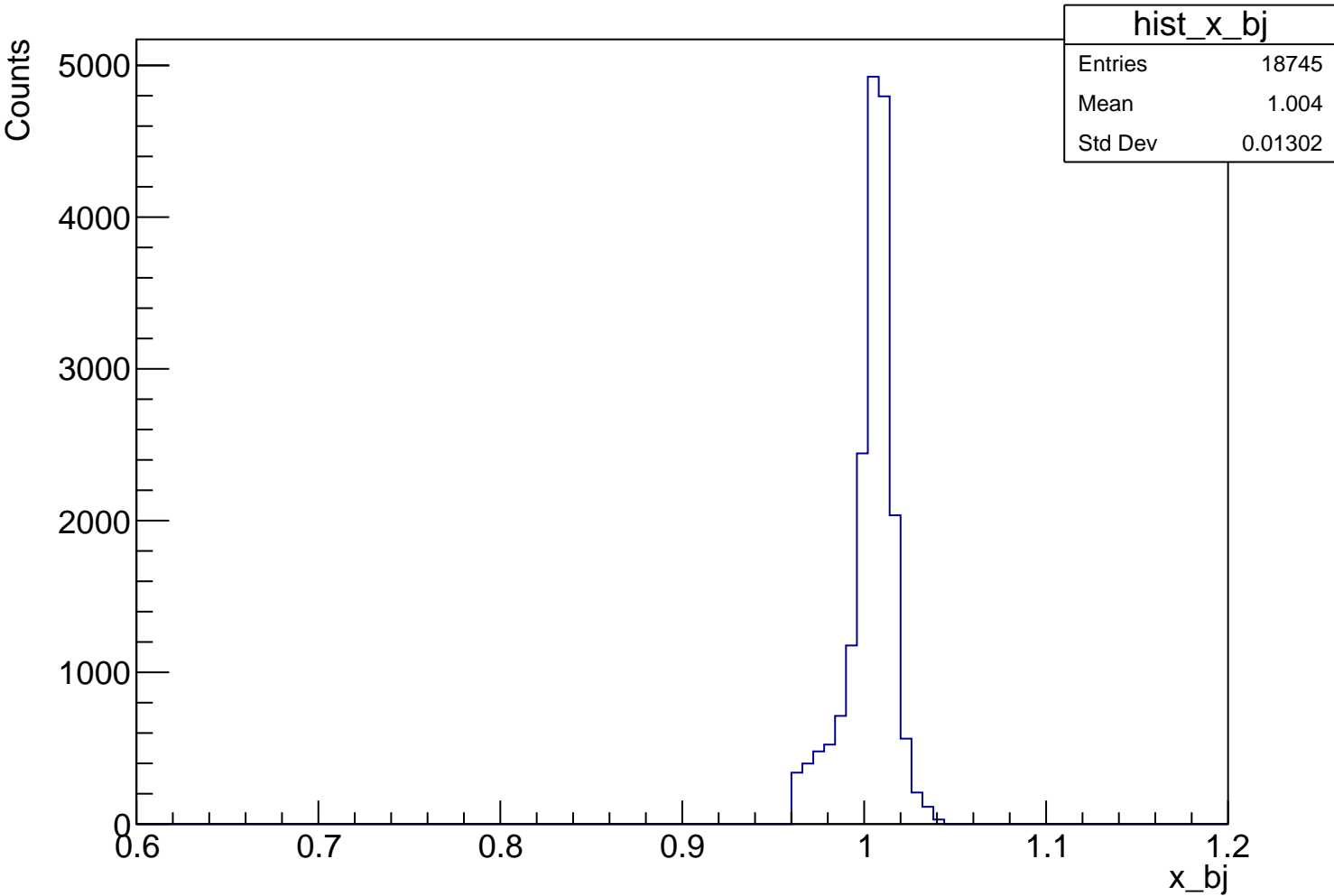


Run 6831: H.kin.W2

Counts

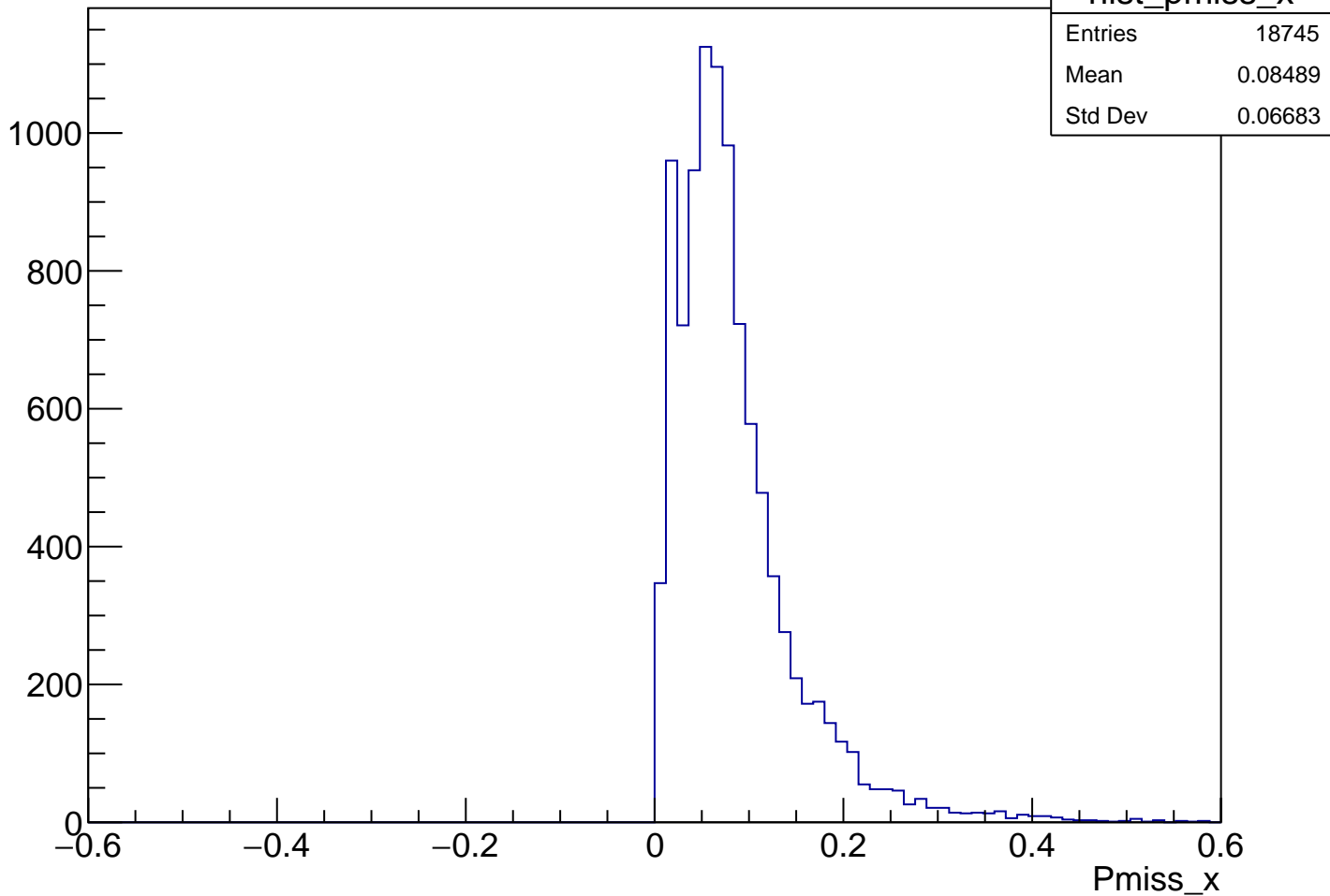


Run 6831: H.kin.x_bj



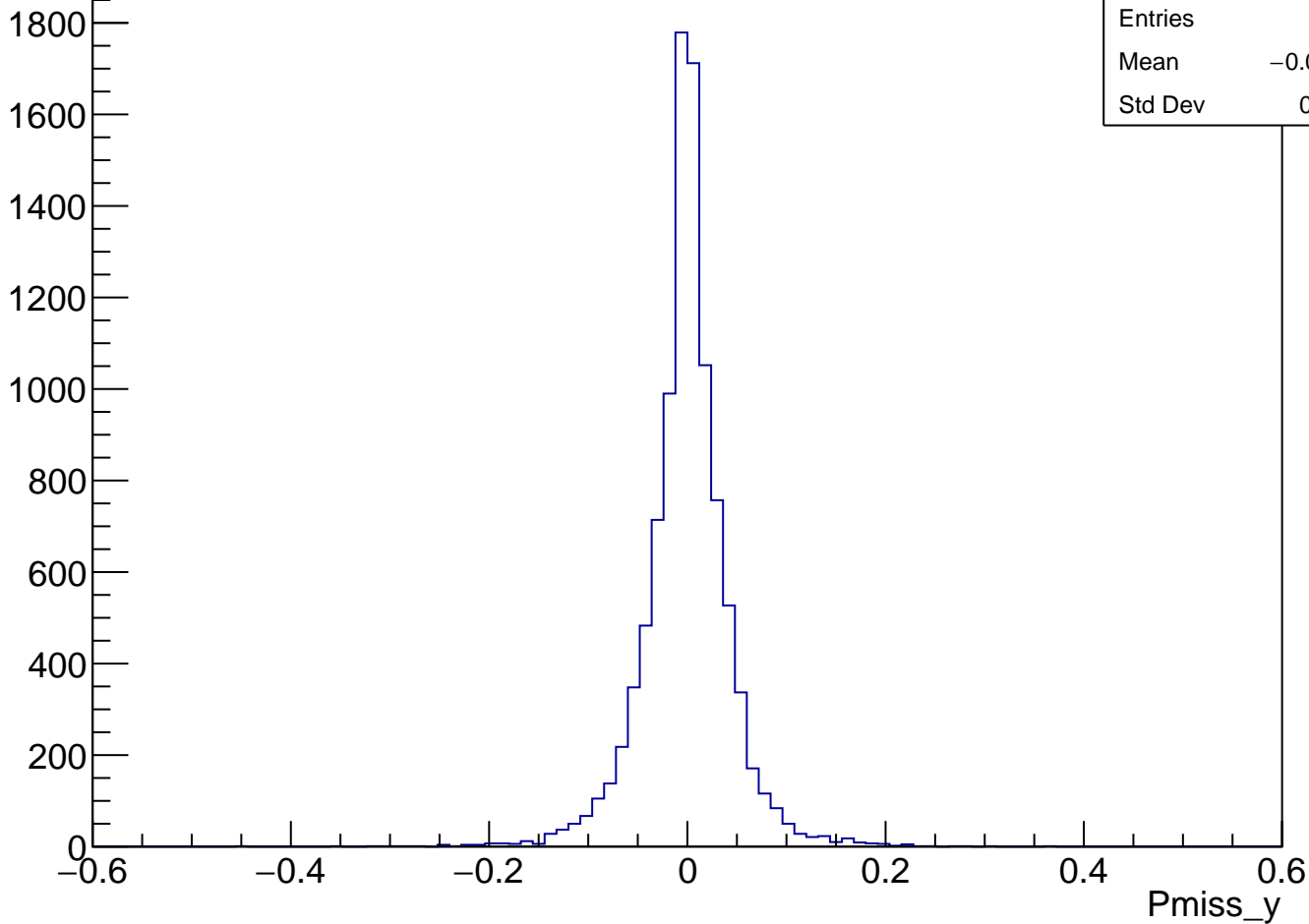
Run 6831: NPS.kin.secondary.pmiss_x

Counts



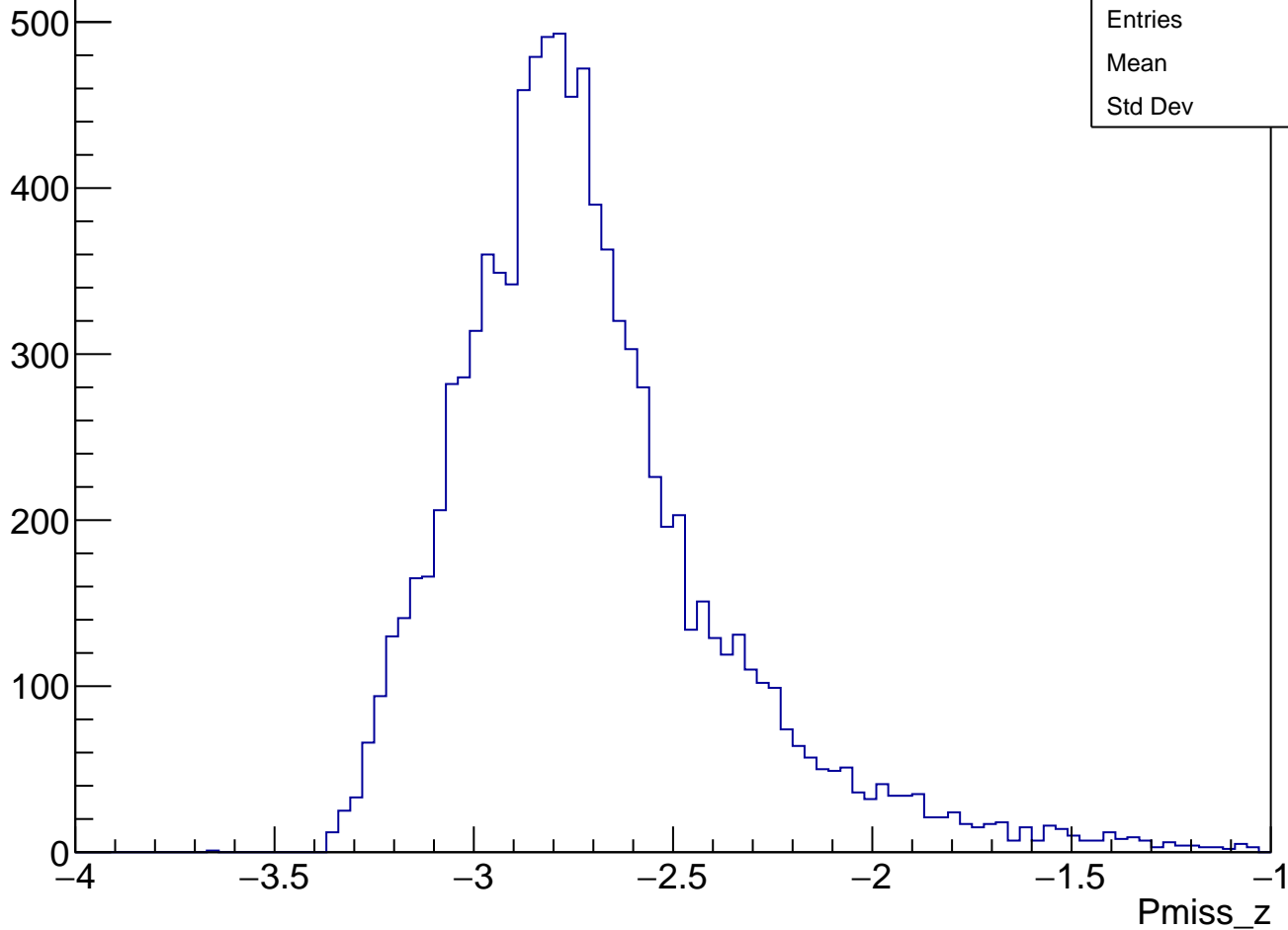
Run 6831: NPS.kin.secondary.pmiss_y

Counts



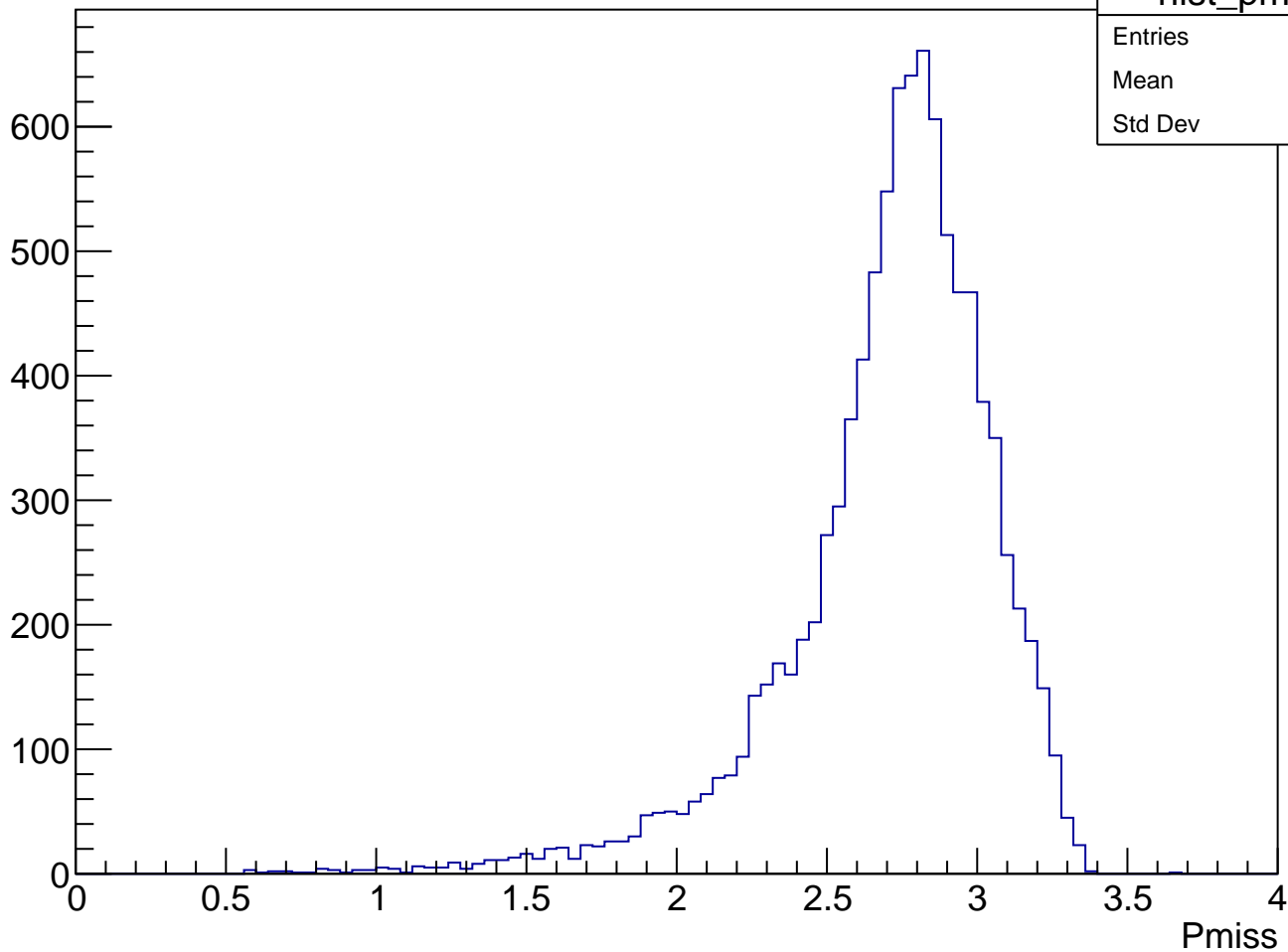
Run 6831: NPS.kin.secondary.pmiss_z

Counts



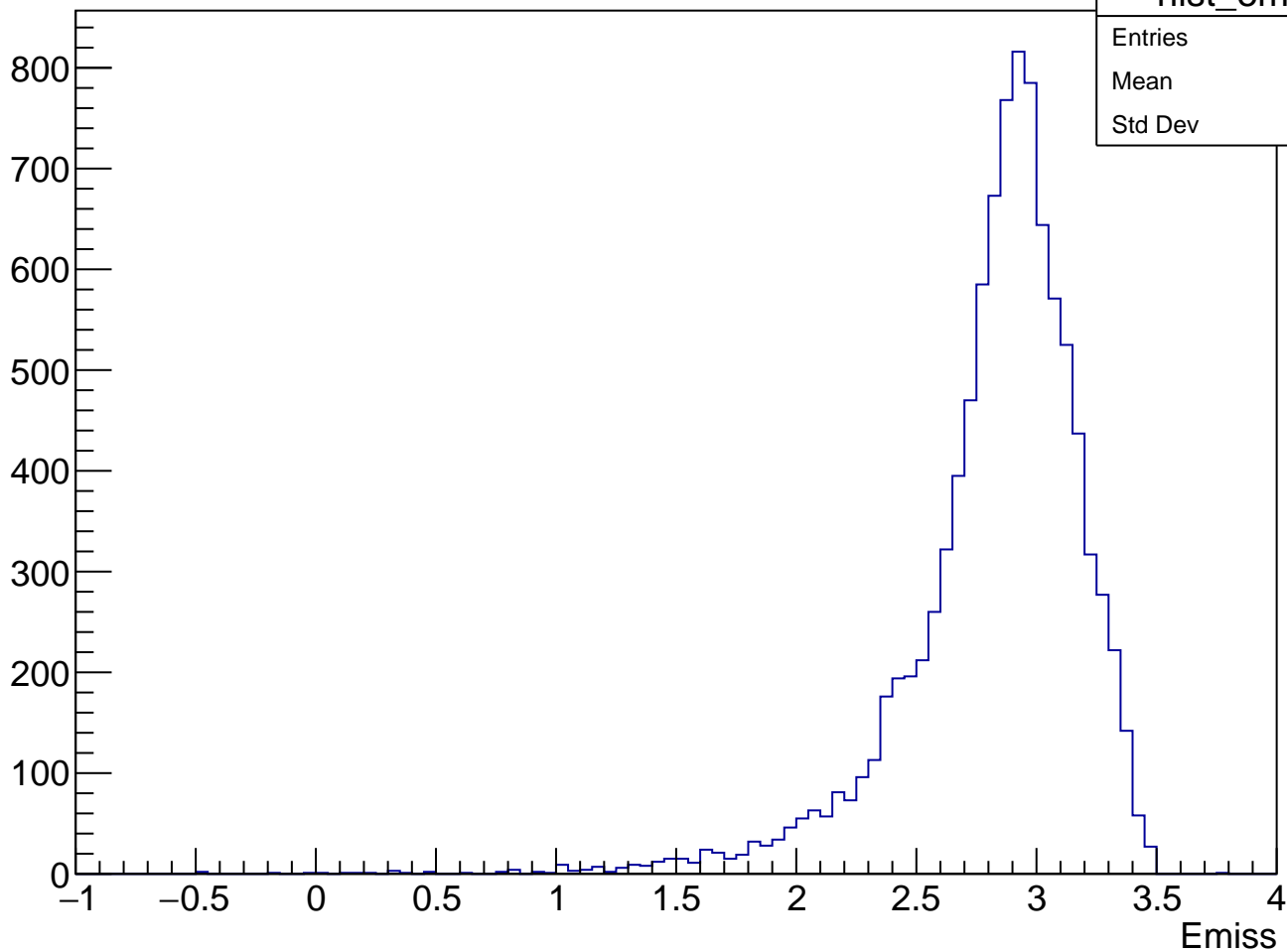
Run 6831: NPS.kin.secondary.pmiss

Counts



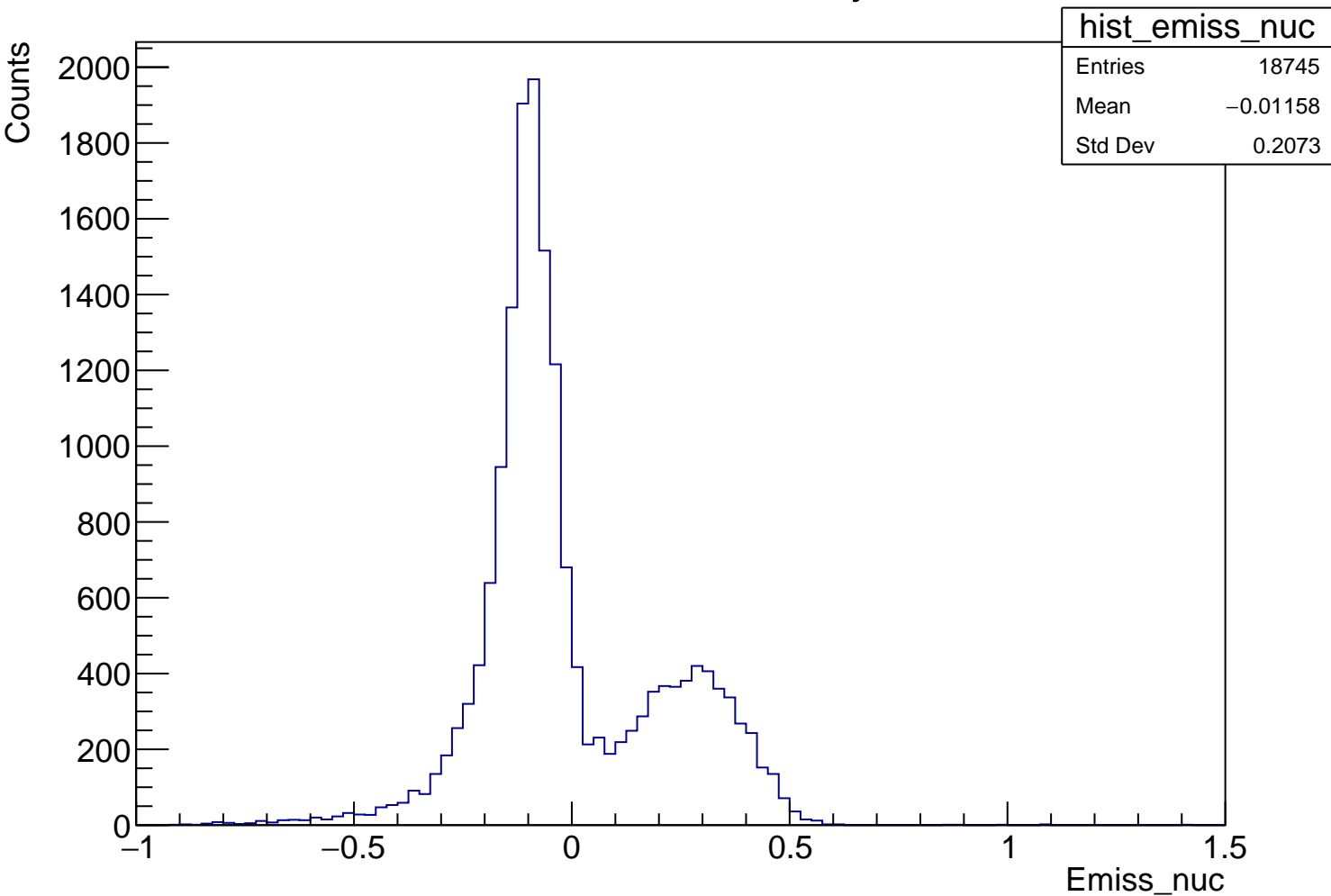
Run 6831: NPS.kin.secondary.emiss

Counts



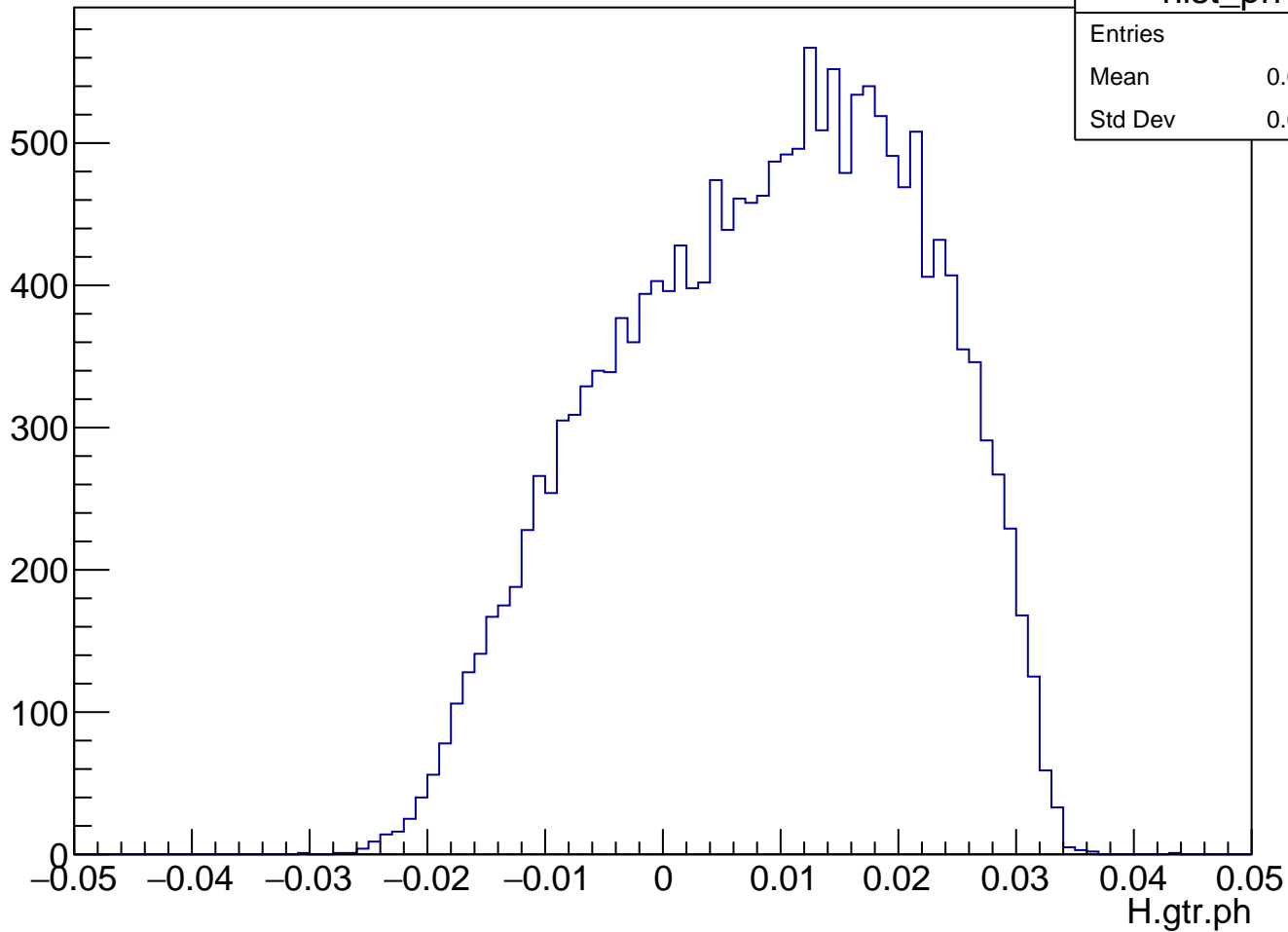
Emiss

Run 6831: NPS.kin.secondary.emiss_nuc



Run 6831: H.gtr.ph

Counts

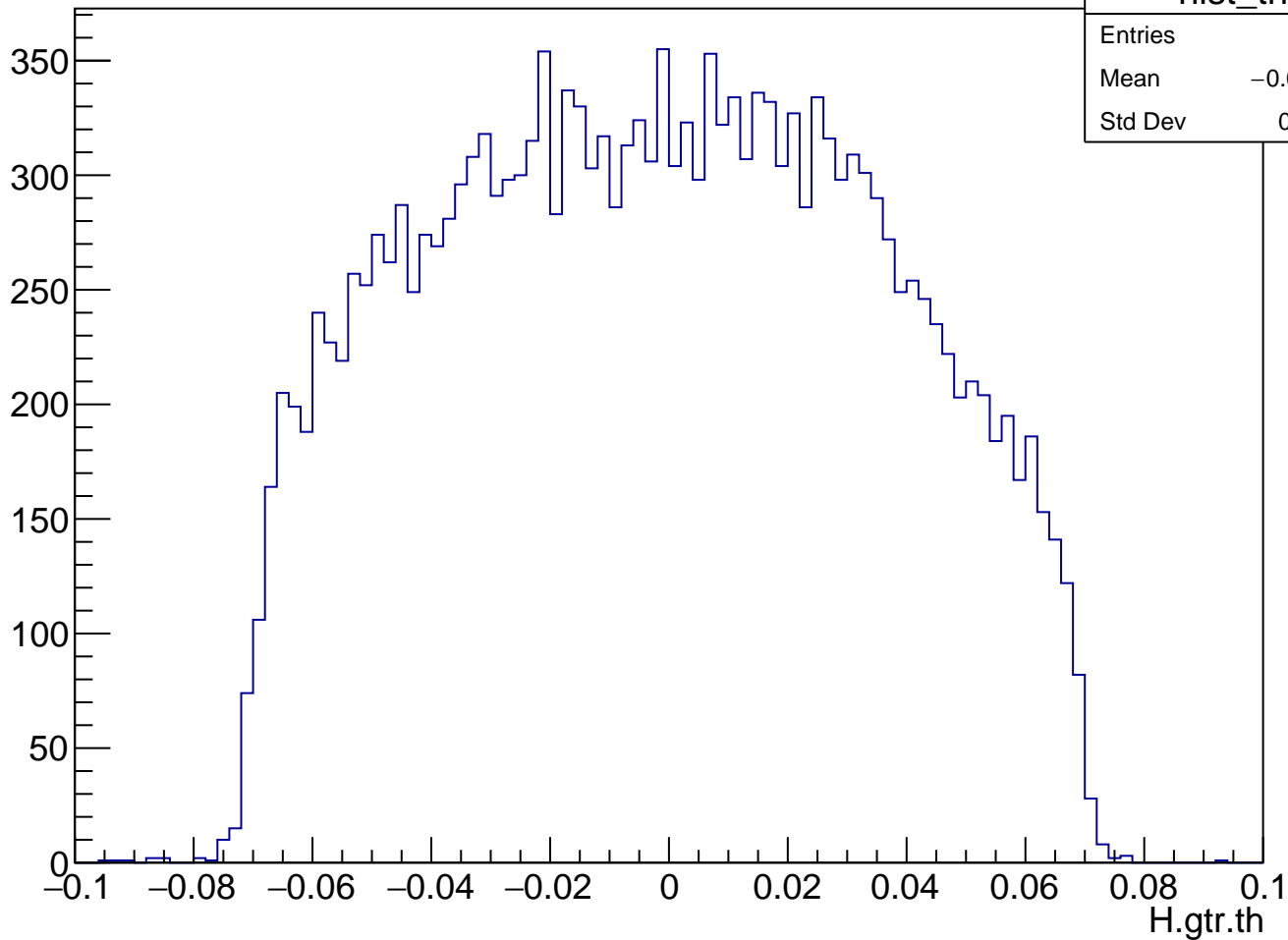


hist_ph

Entries	18745
Mean	0.00874
Std Dev	0.01267

Run 6831: H.gtr.th

Counts



hist_th

Entries 18745

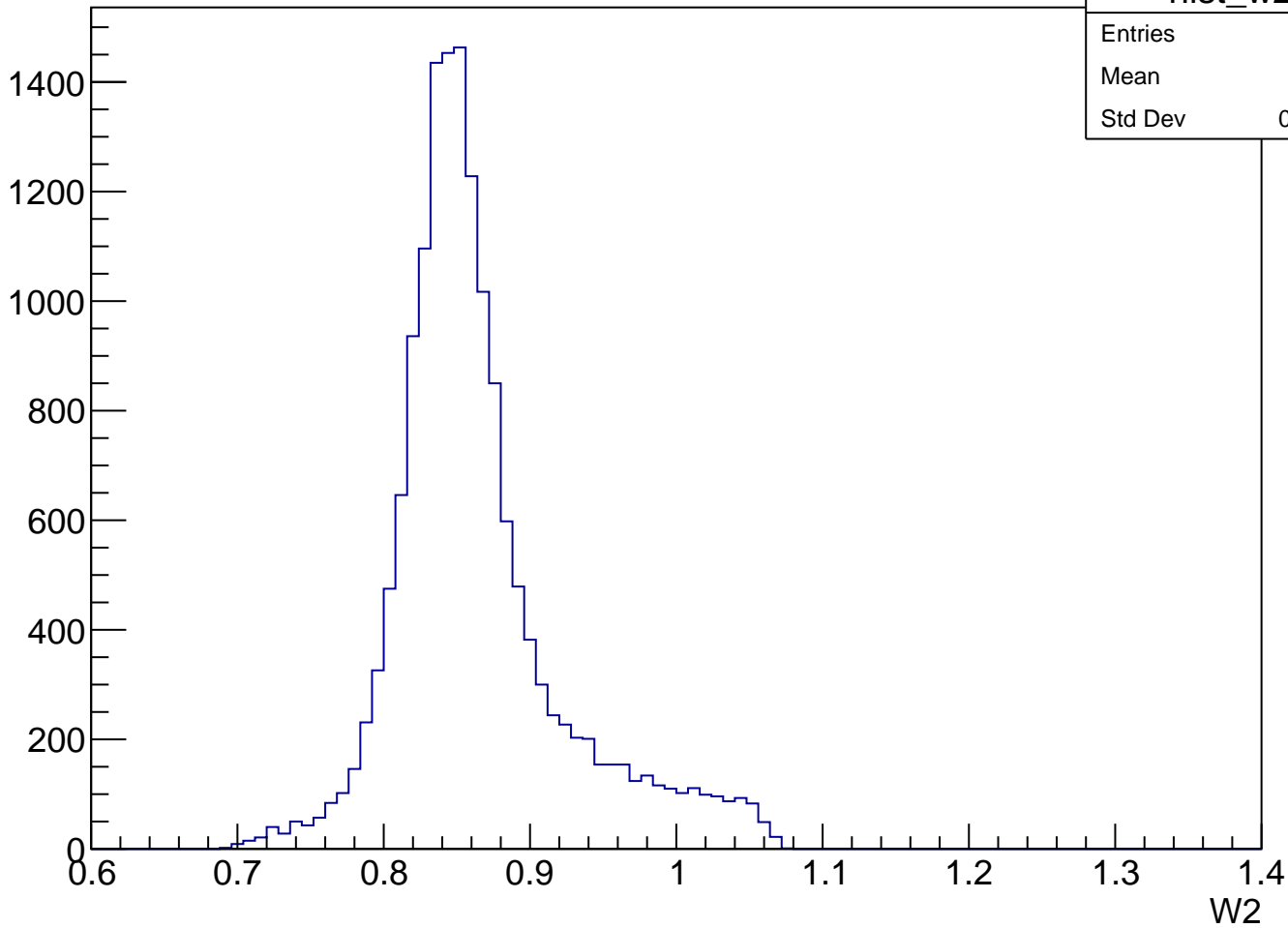
Mean -0.002065

Std Dev 0.03657

H.gtr.th

Run 6832: H.kin.W2

Counts

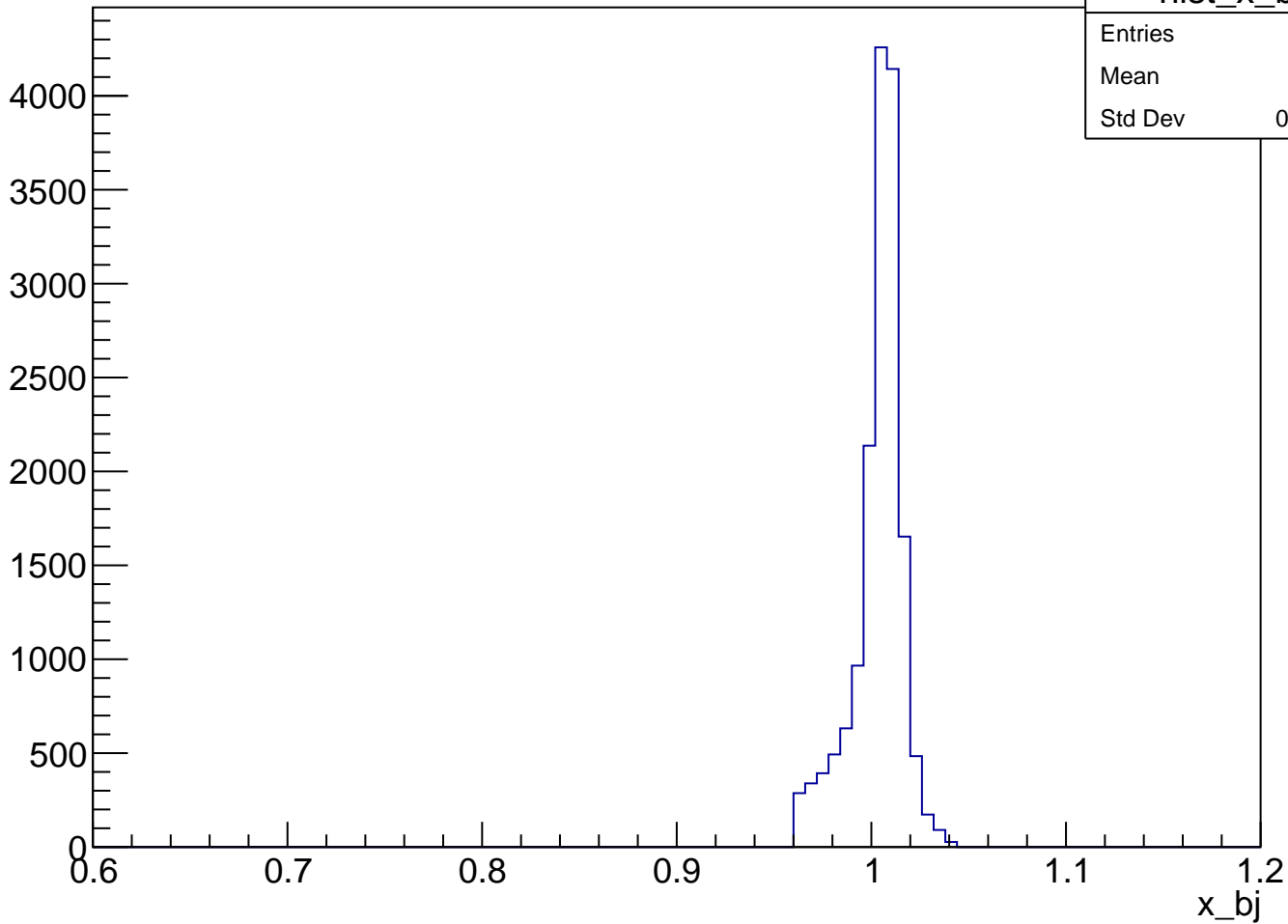


hist_w2

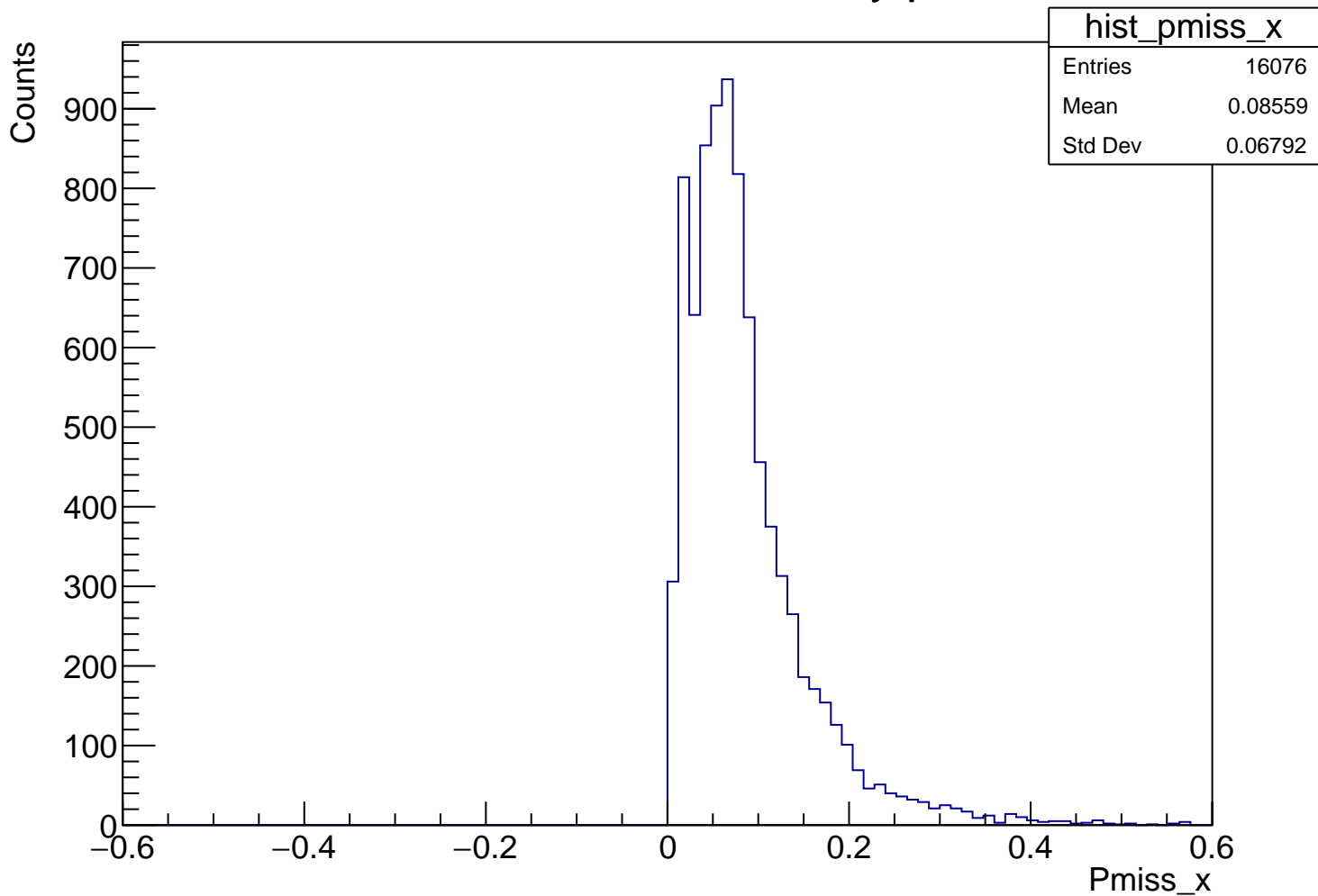
Entries	16076
Mean	0.8644
Std Dev	0.05883

Run 6832: H.kin.x_bj

Counts

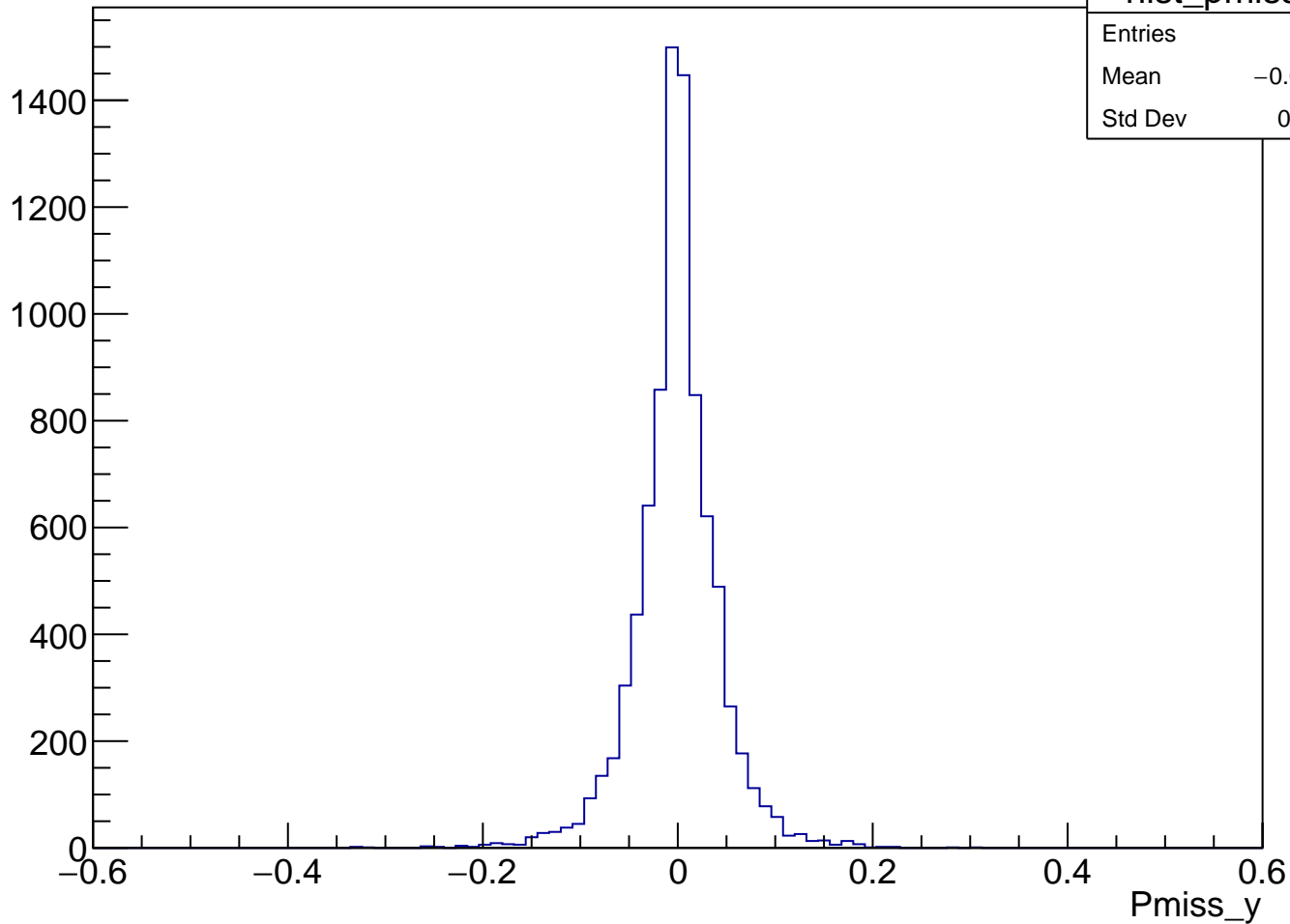


Run 6832: NPS.kin.secondary.pmiss_x



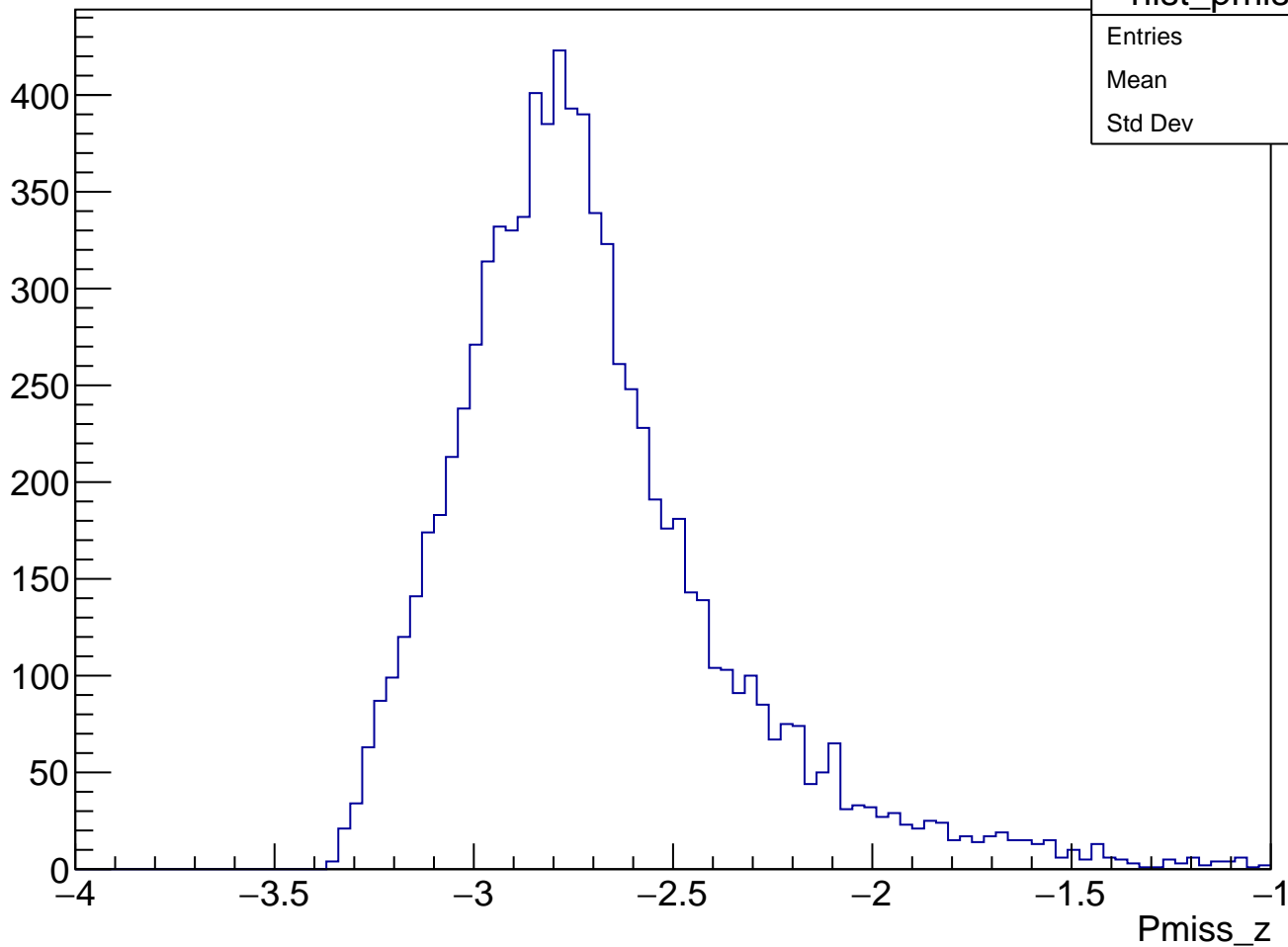
Run 6832: NPS.kin.secondary.pmiss_y

Counts



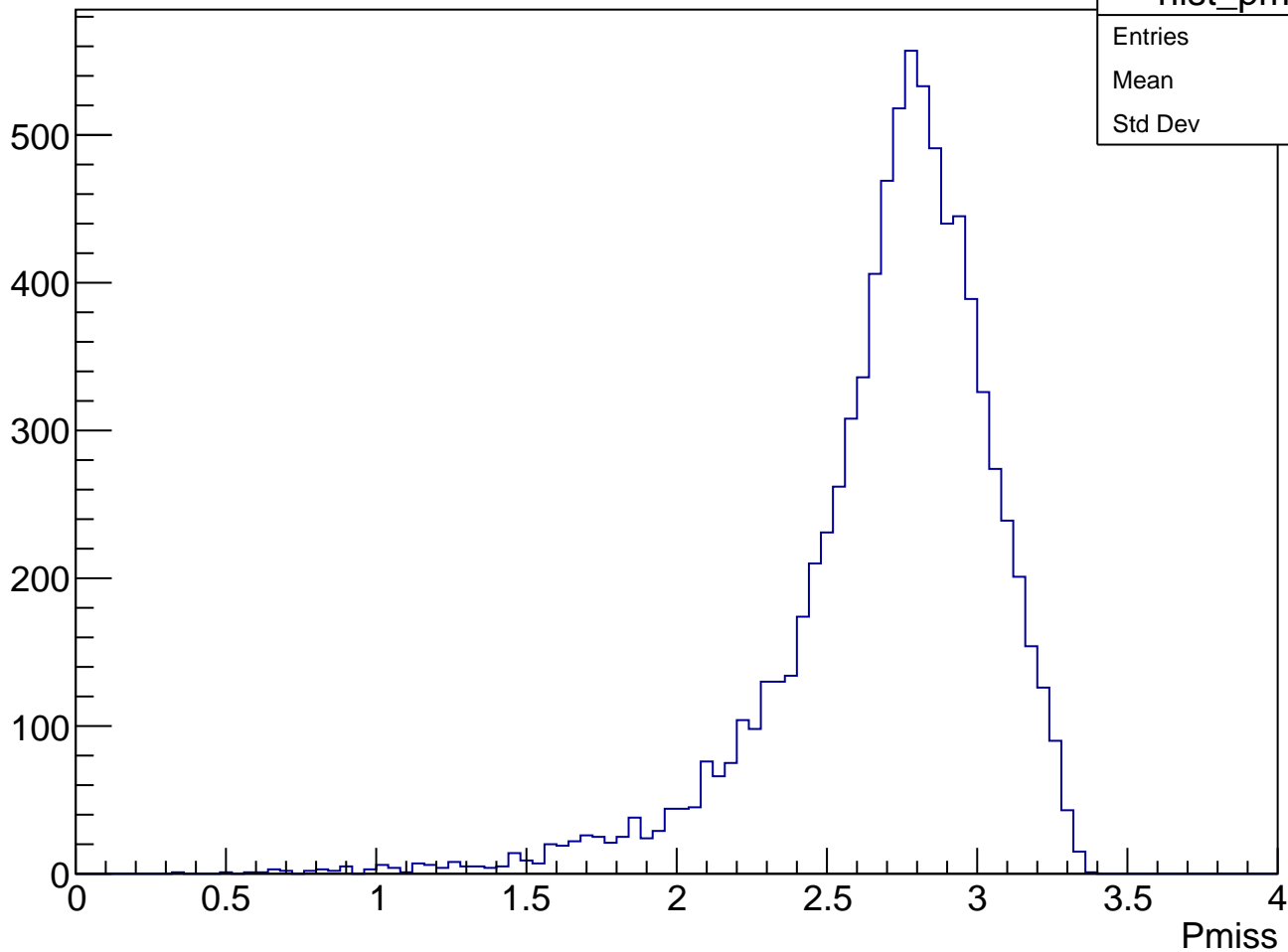
Run 6832: NPS.kin.secondary.pmiss_z

Counts



Run 6832: NPS.kin.secondary.pmiss

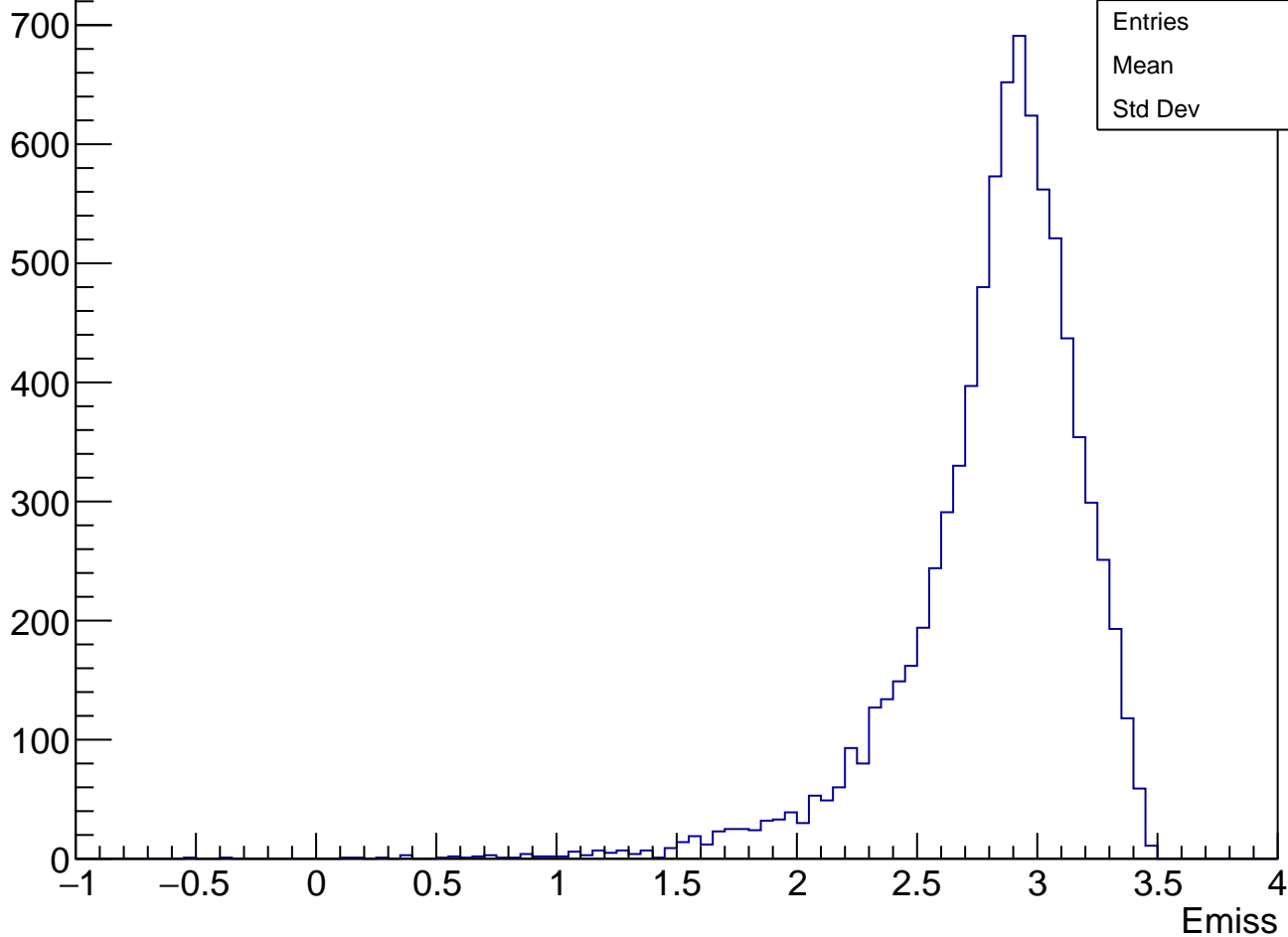
Counts



Pmiss

Run 6832: NPS.kin.secondary.emiss

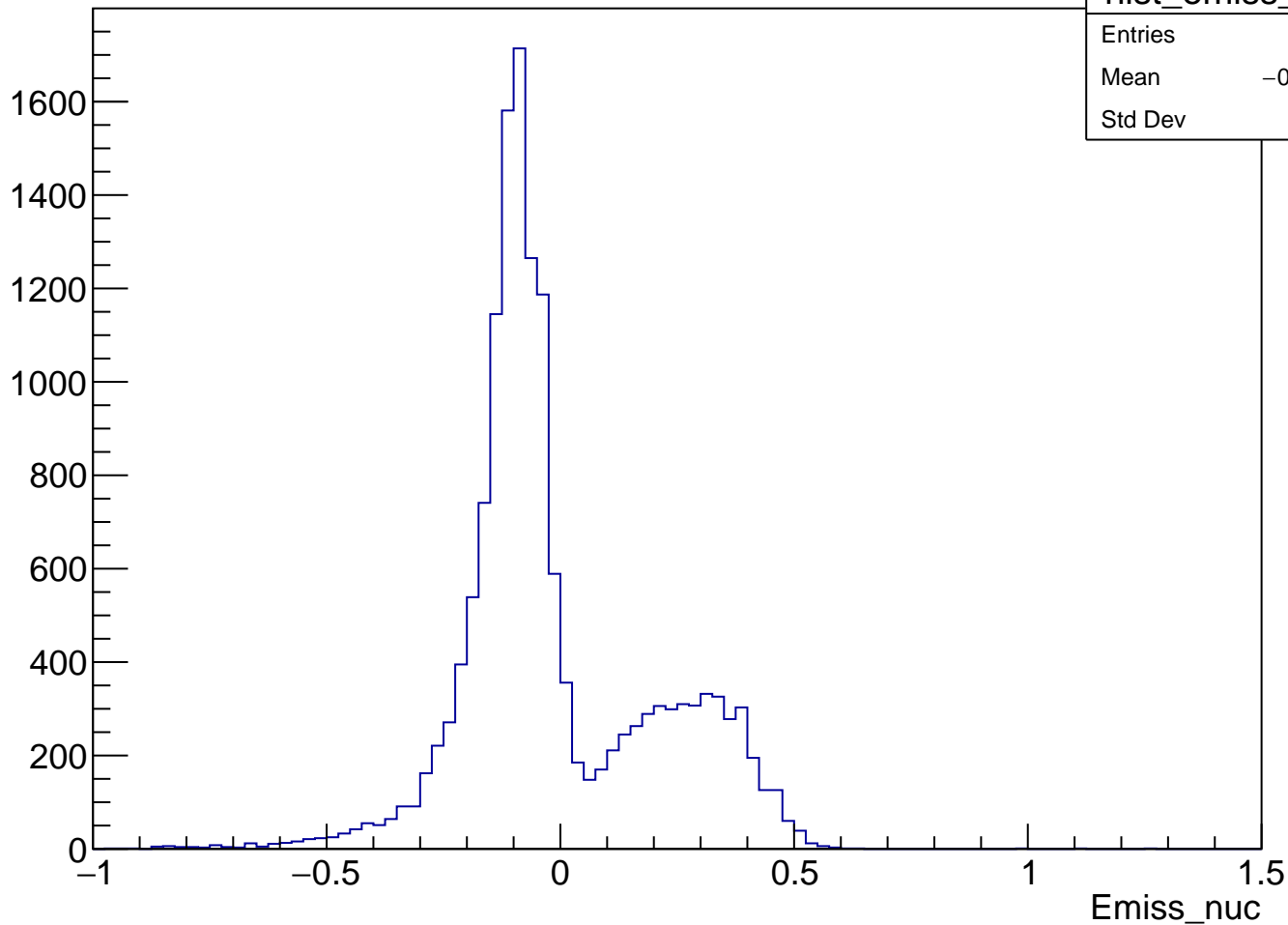
Counts



Emiss

Run 6832: NPS.kin.secondary.emiss_nuc

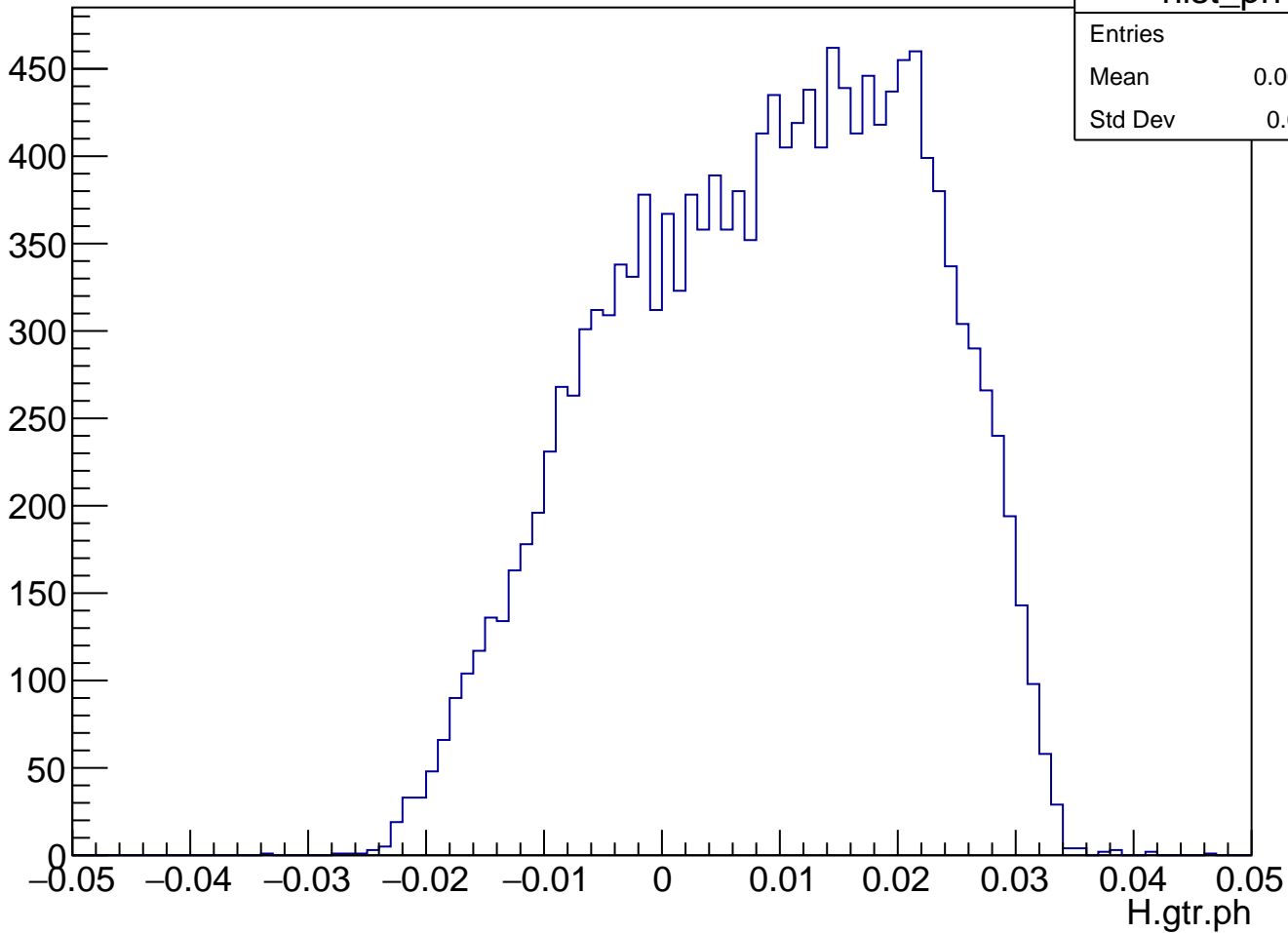
Counts



Emiss_nuc

Run 6832: H.gtr.ph

Counts



hist_ph

Entries 16076

Mean 0.008822

Std Dev 0.01272

H.gtr.ph

Run 6832: H.gtr.th

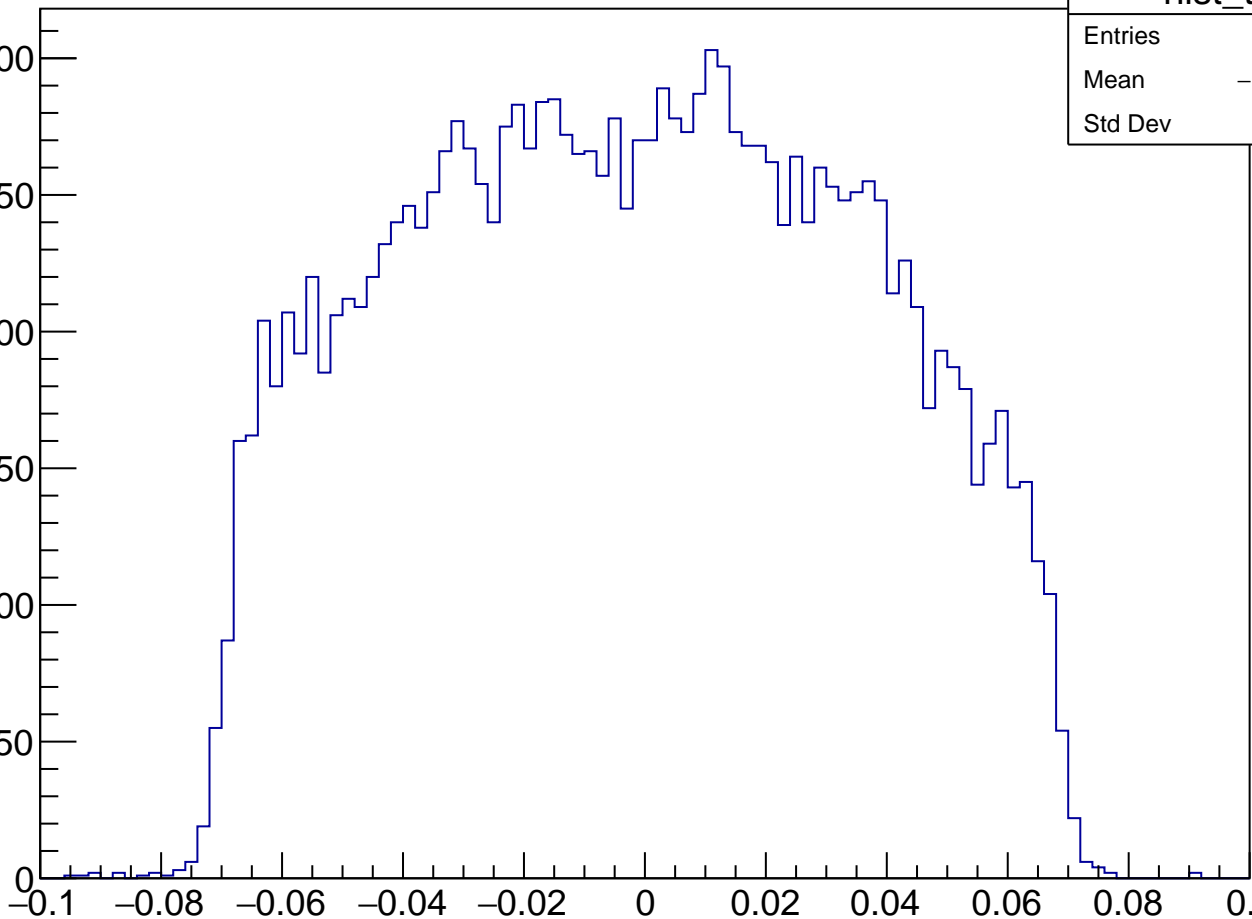
Counts

300
250
200
150
100
50
0

hist_th	
Entries	16076
Mean	-0.002132
Std Dev	0.03666

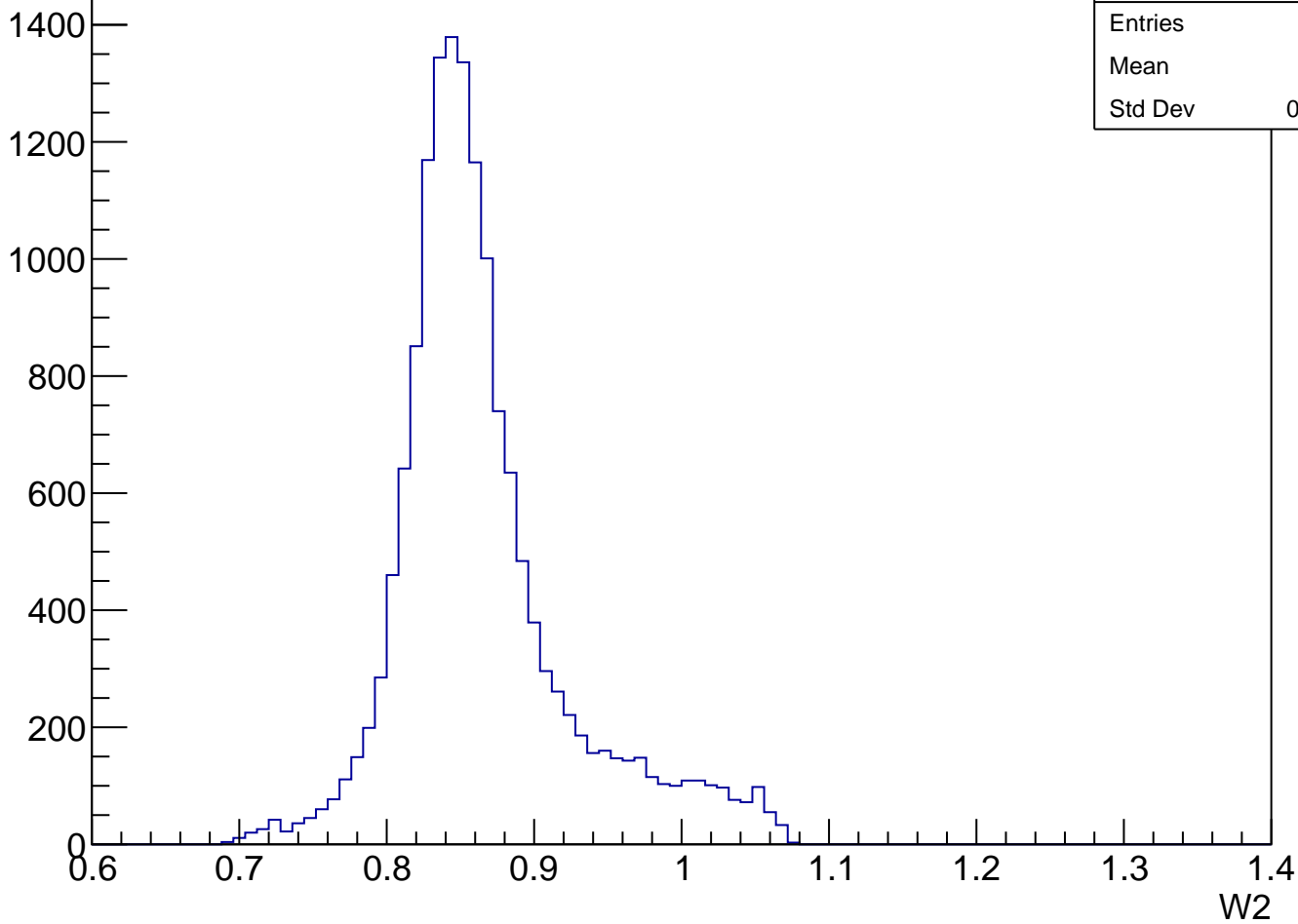
-0.1 -0.08 -0.06 -0.04 -0.02 0 0.02 0.04 0.06 0.08 0.1

H.gtr.th



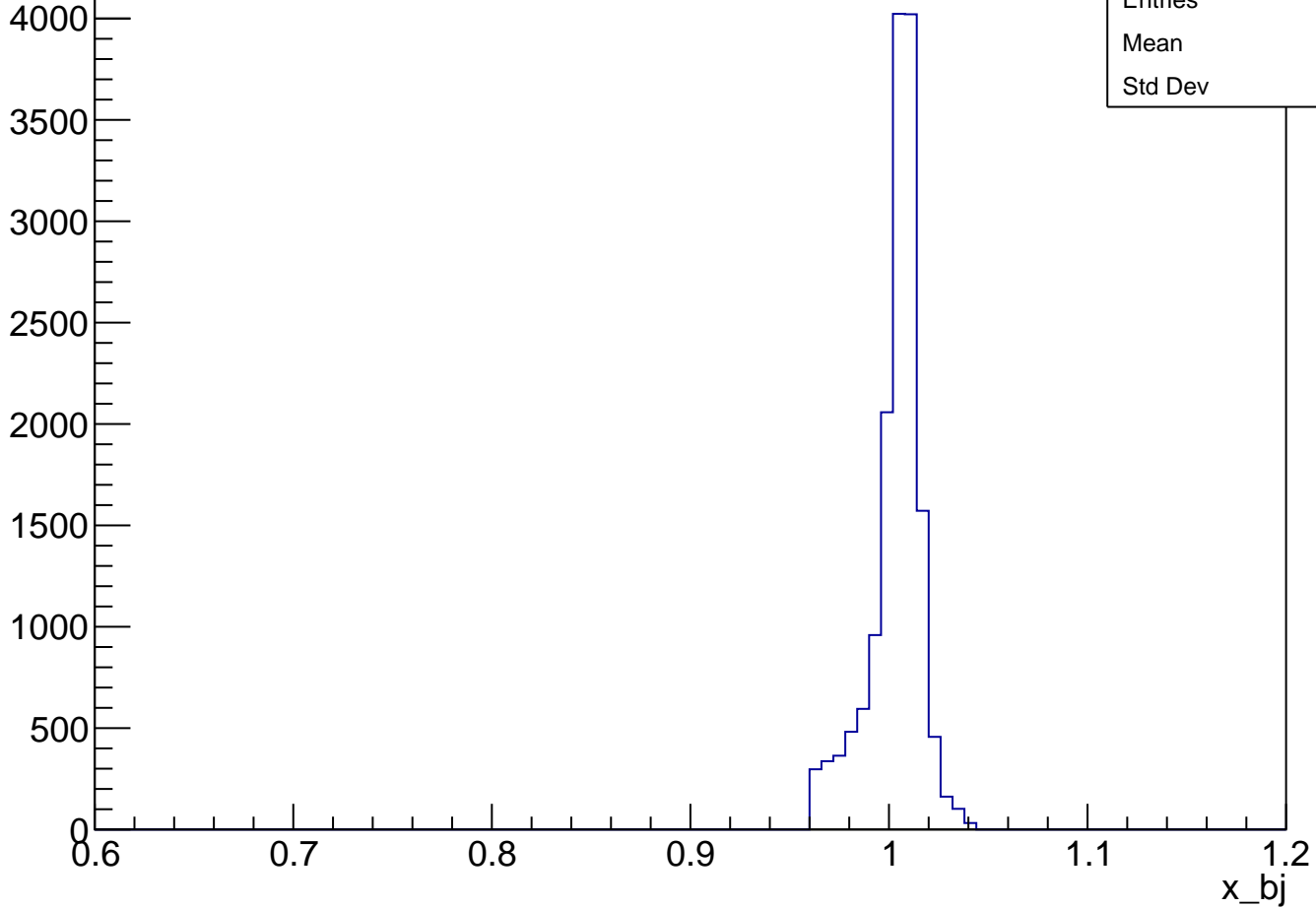
Run 6833: H.kin.W2

Counts



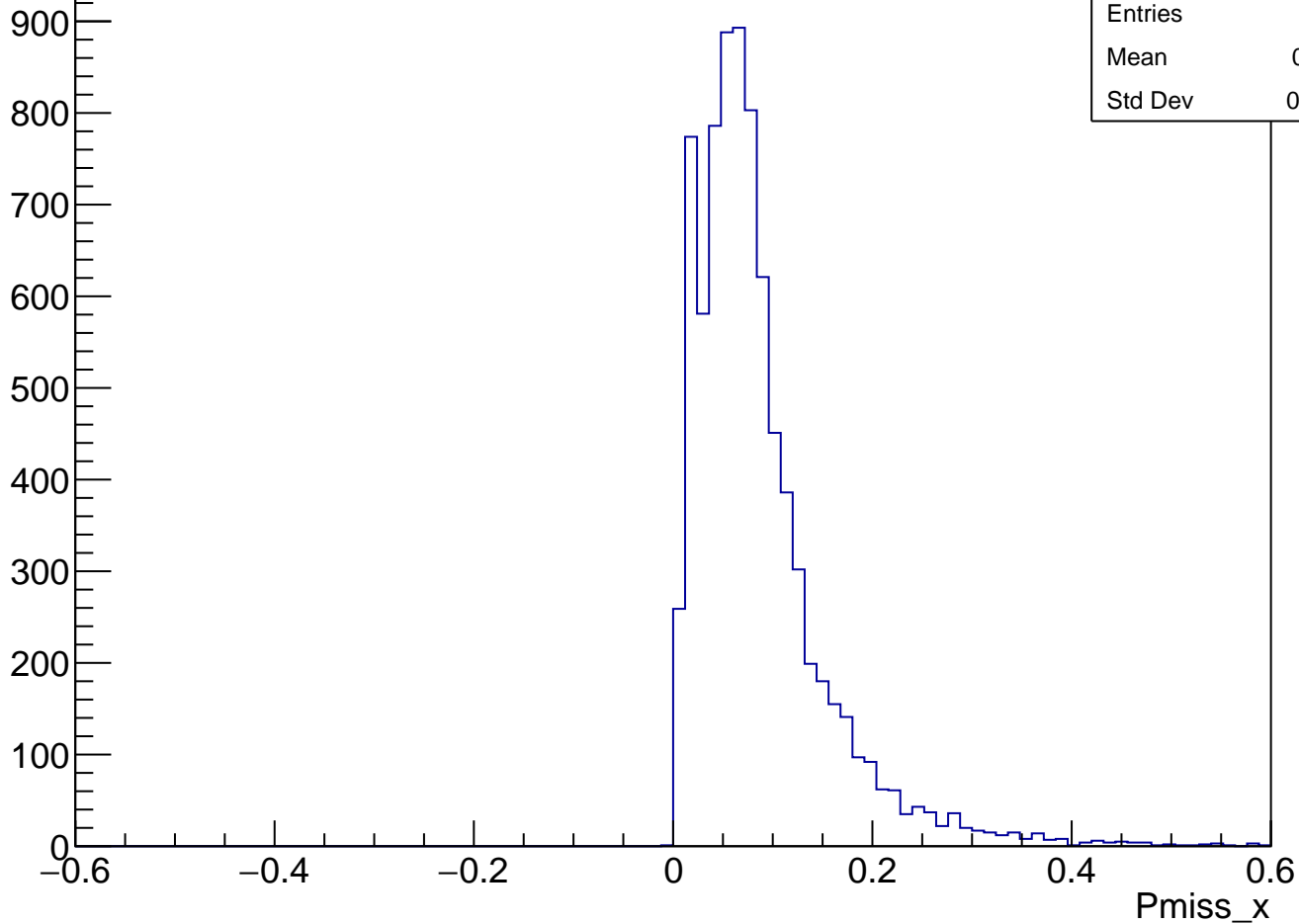
Run 6833: H.kin.x_bj

Counts



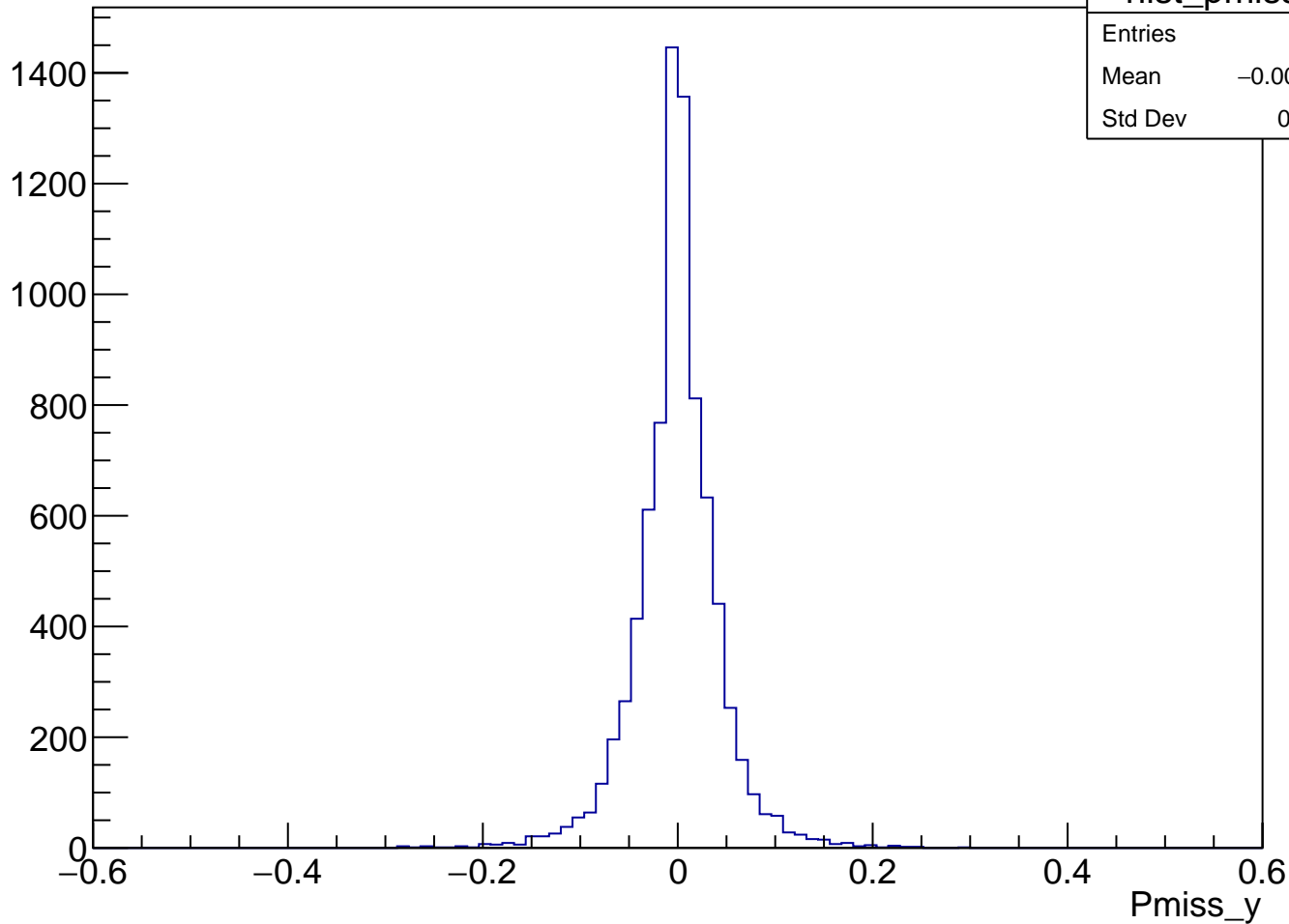
Run 6833: NPS.kin.secondary.pmiss_x

Counts



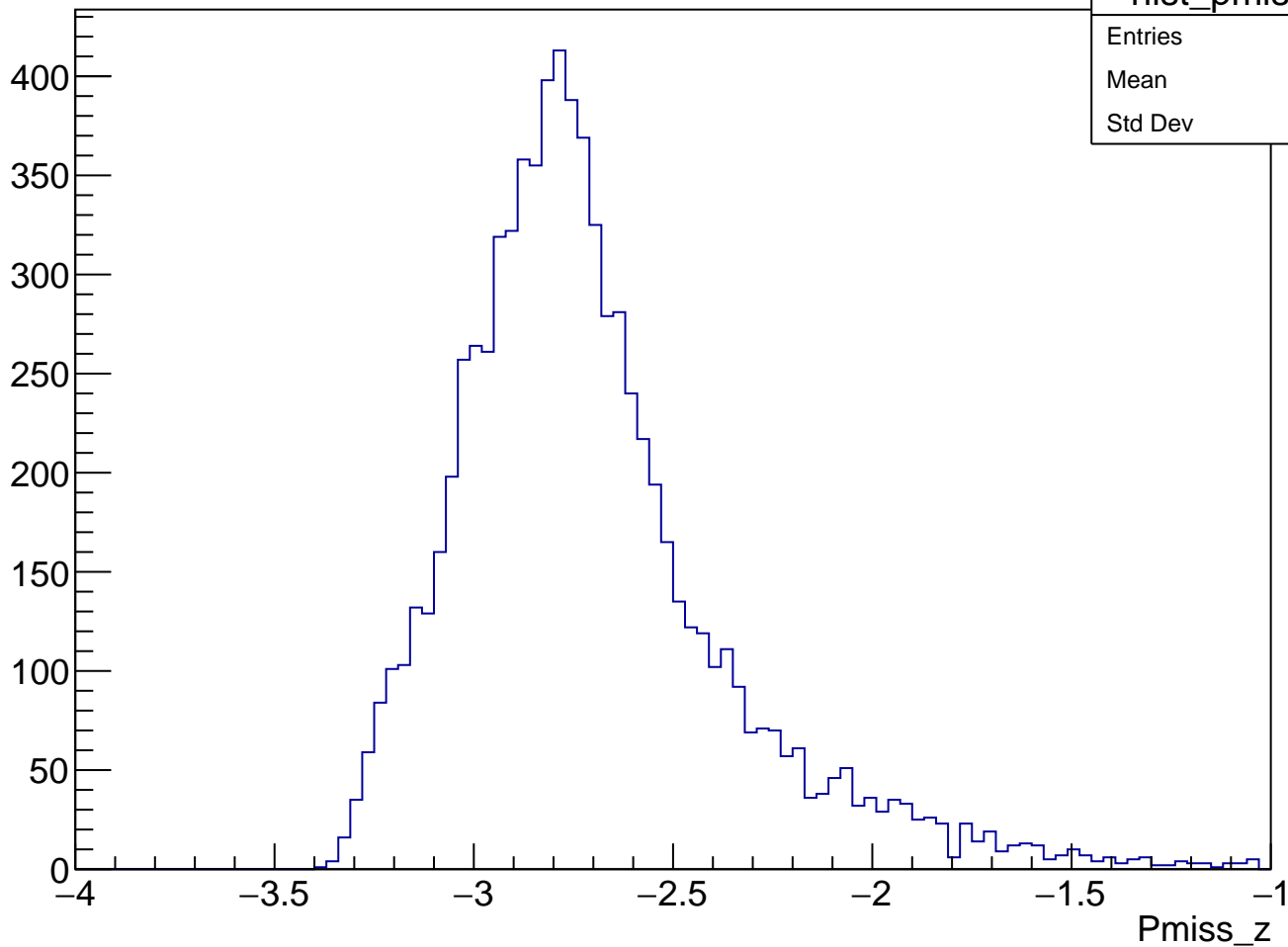
Run 6833: NPS.kin.secondary.pmiss_y

Counts



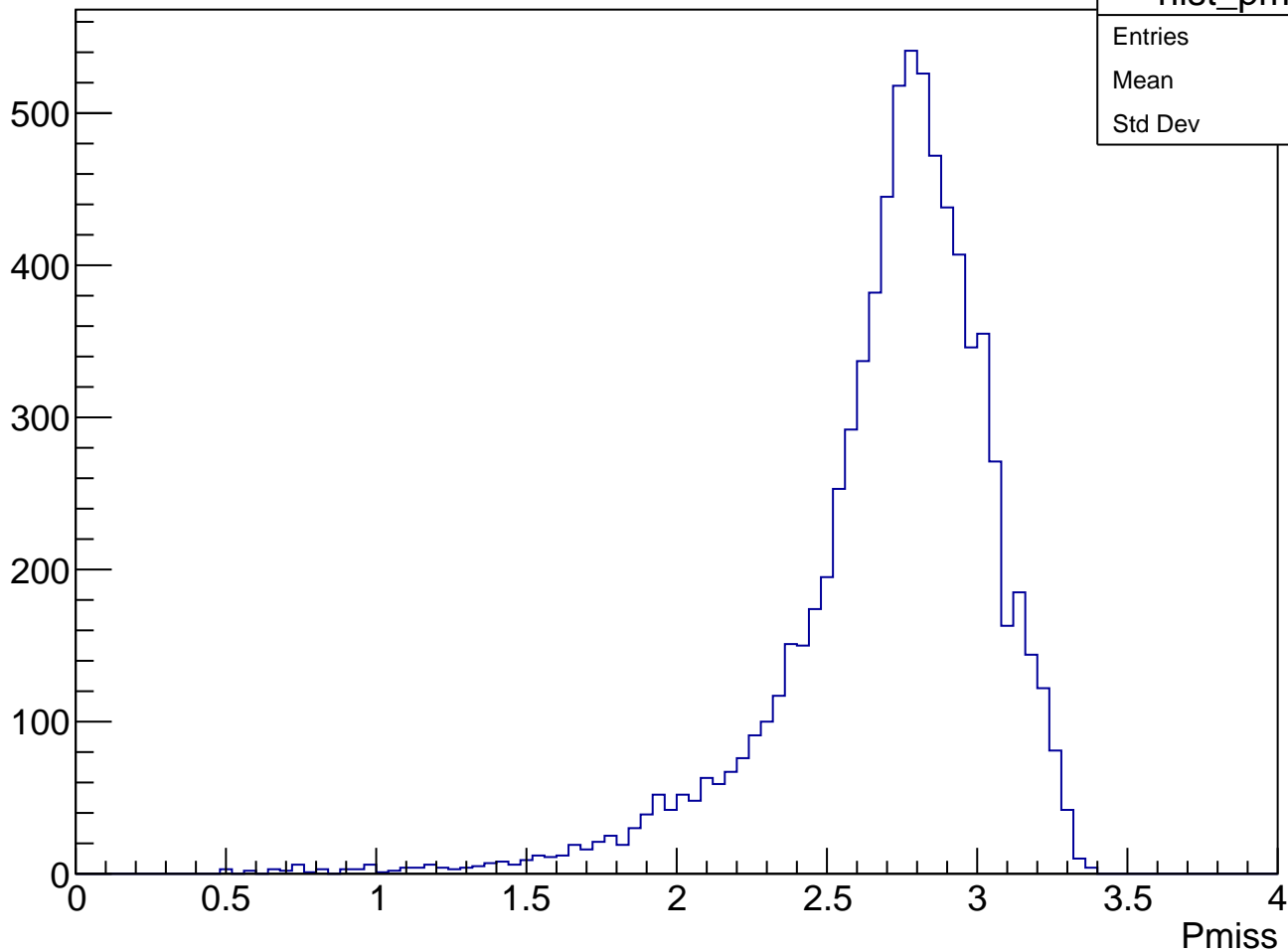
Run 6833: NPS.kin.secondary.pmiss_z

Counts



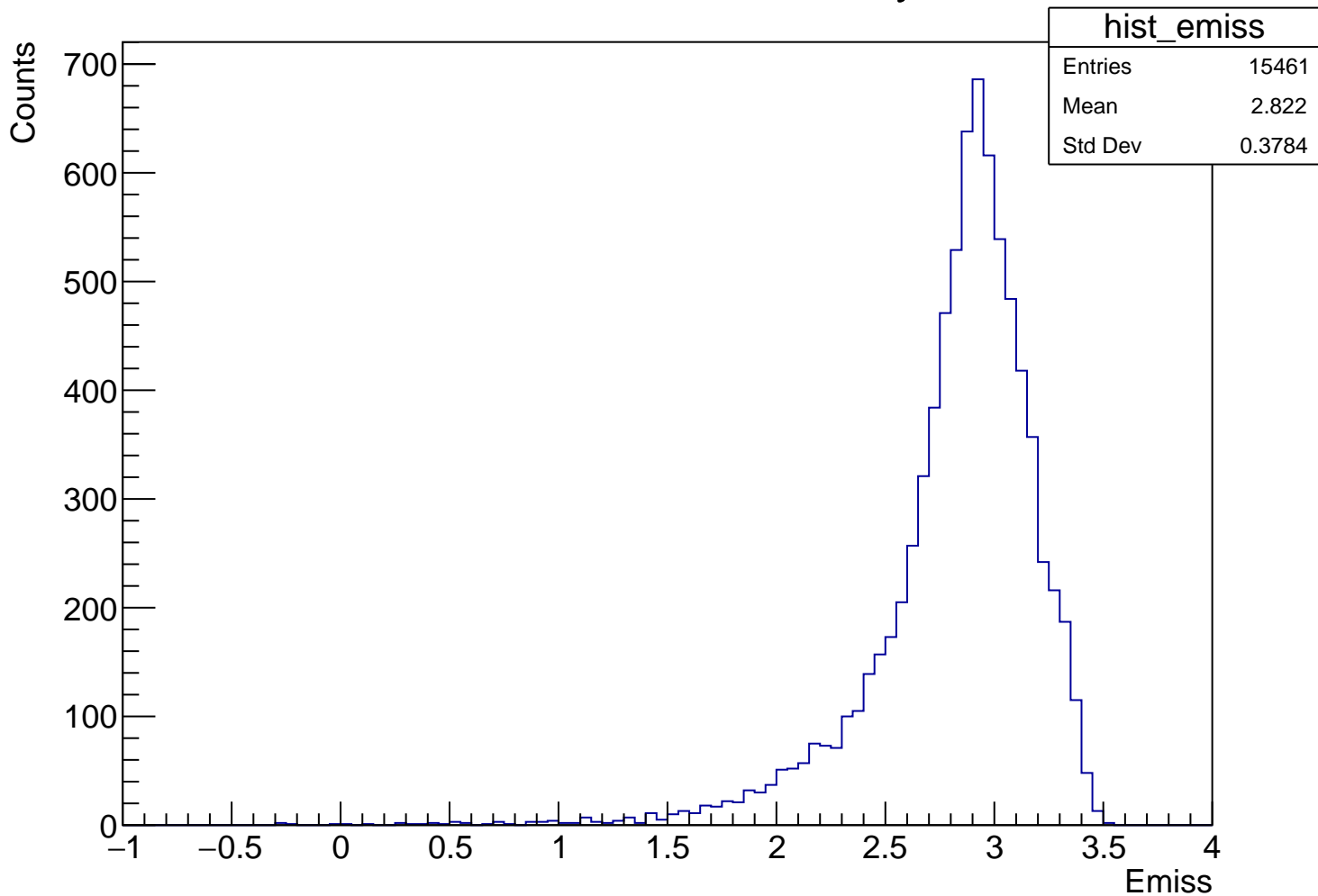
Run 6833: NPS.kin.secondary.pmiss

Counts

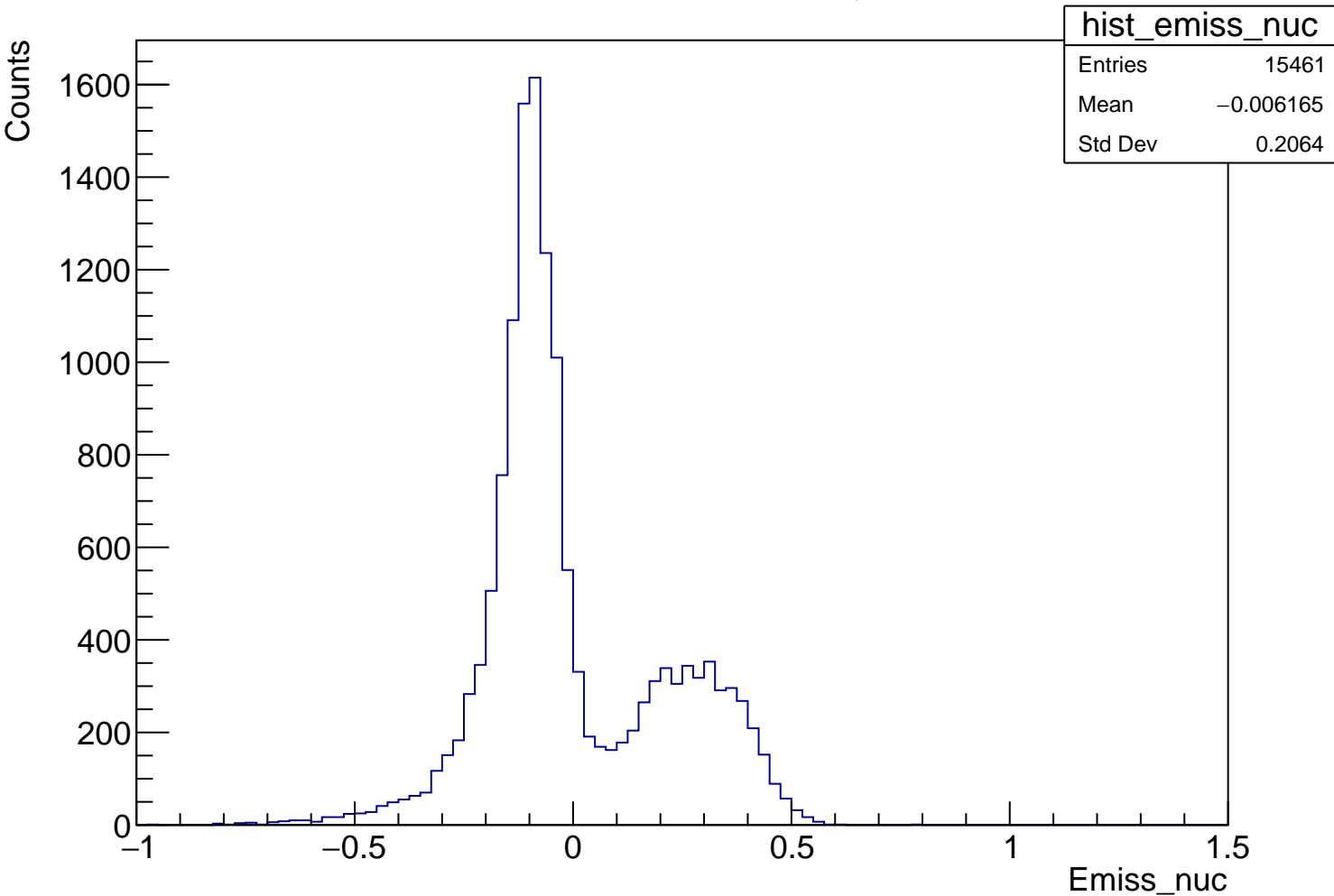


Pmiss

Run 6833: NPS.kin.secondary.emiss

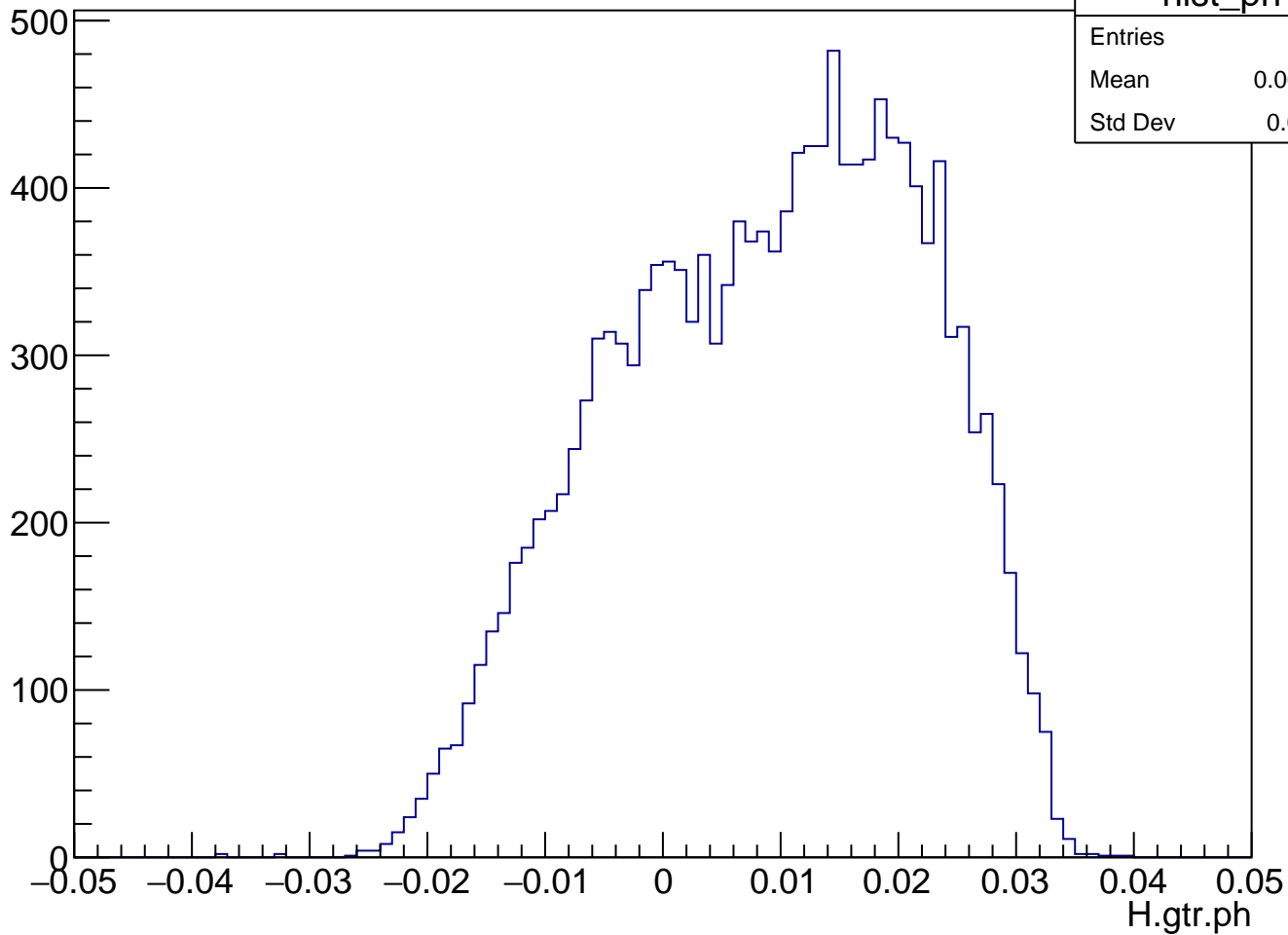


Run 6833: NPS.kin.secondary.emiss_nuc



Run 6833: H.gtr.ph

Counts



hist_ph

Entries 15461

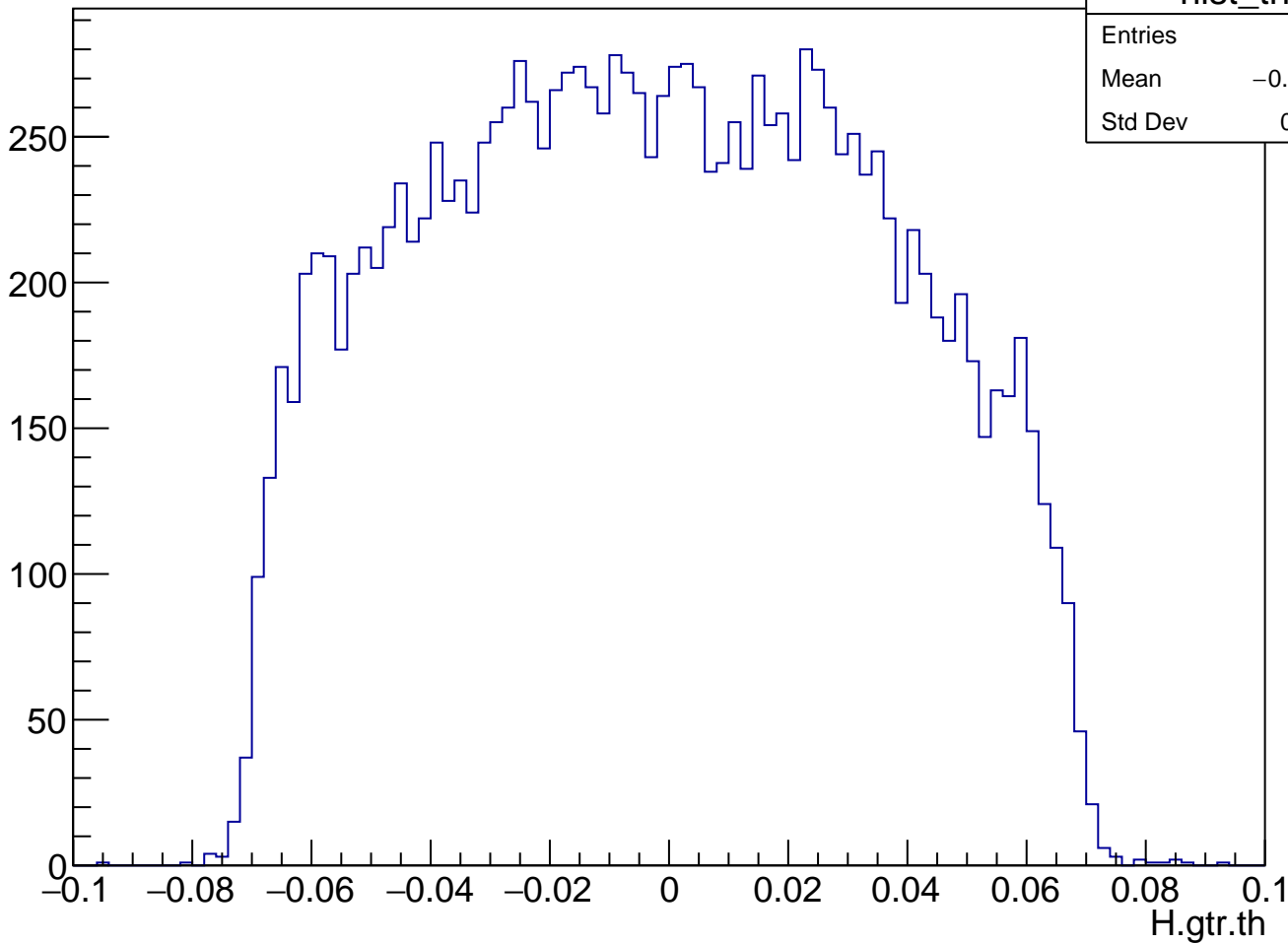
Mean 0.008866

Std Dev 0.01272

H.gtr.ph

Run 6833: H.gtr.th

Counts



hist_th

Entries 15461

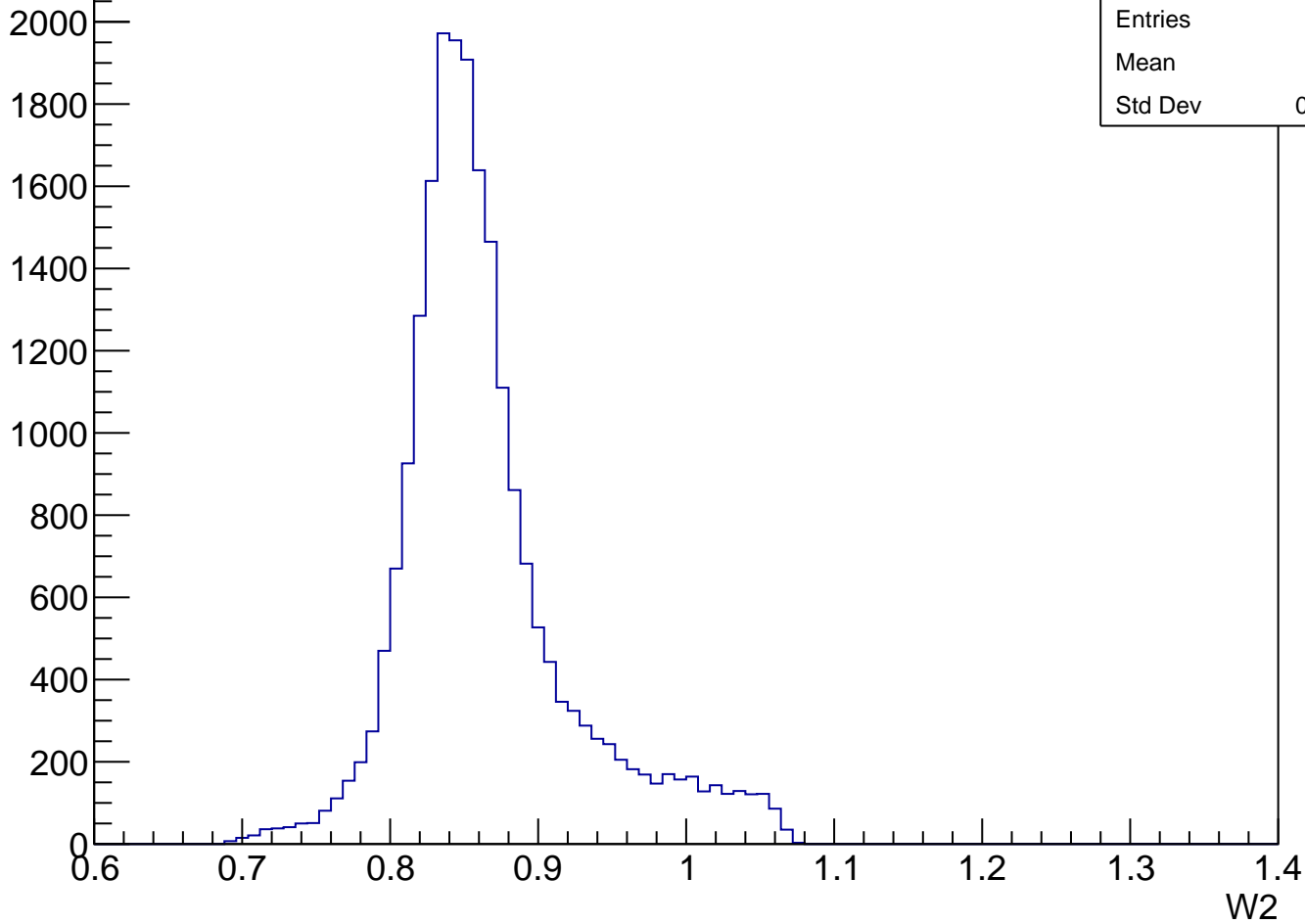
Mean -0.002314

Std Dev 0.03662

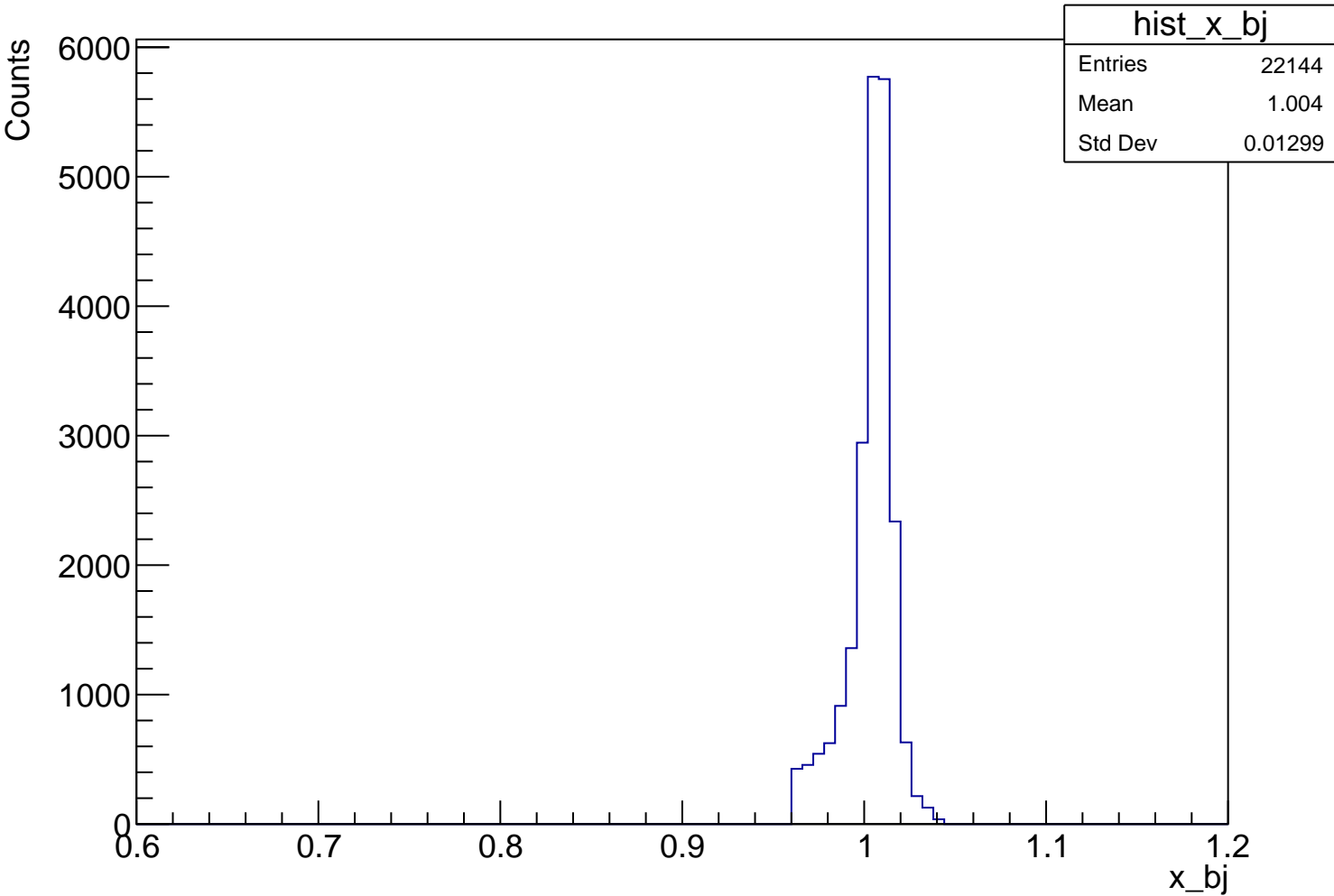
H.gtr.th

Run 6834: H.kin.W2

Counts

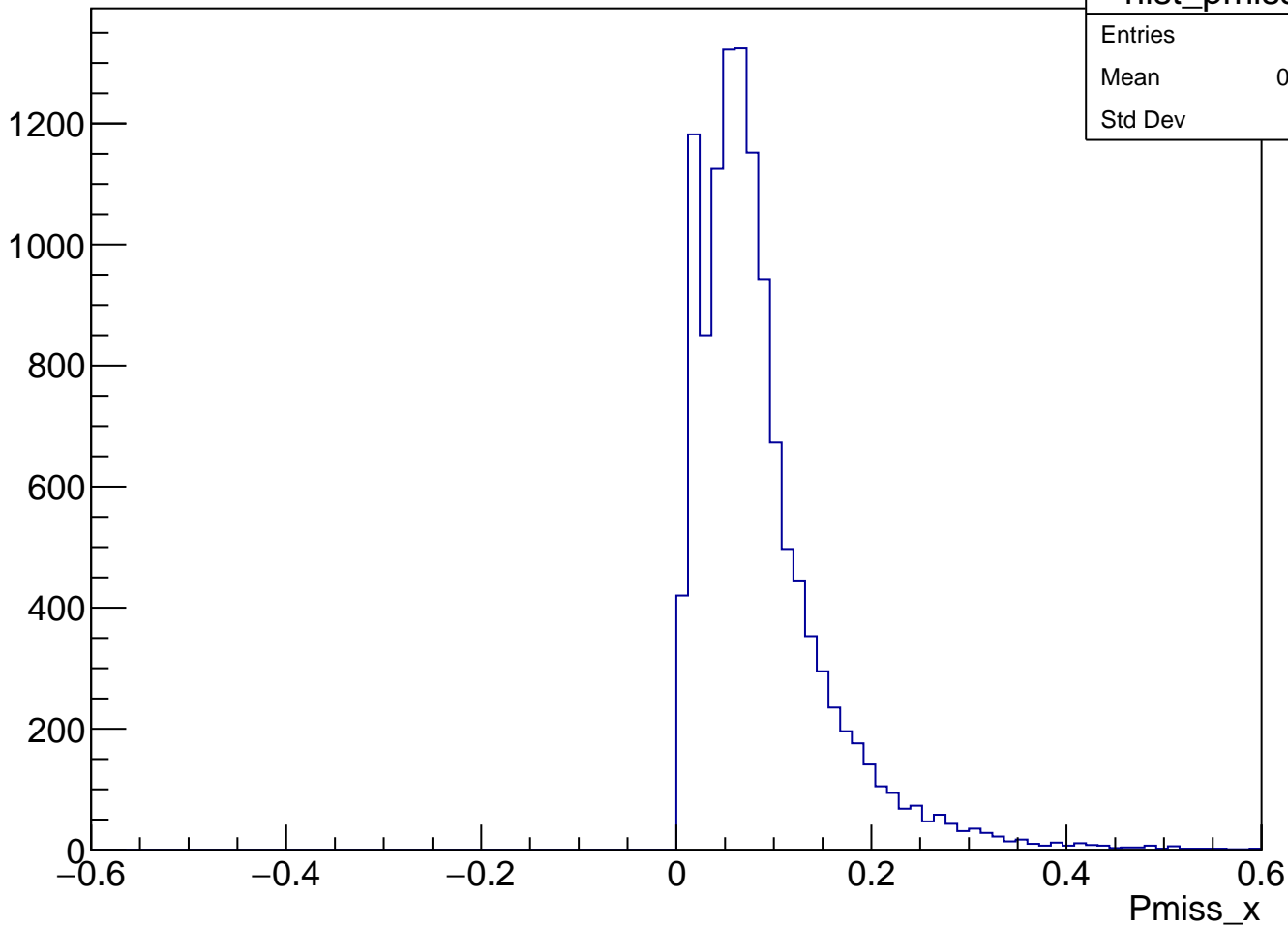


Run 6834: H.kin.x_bj

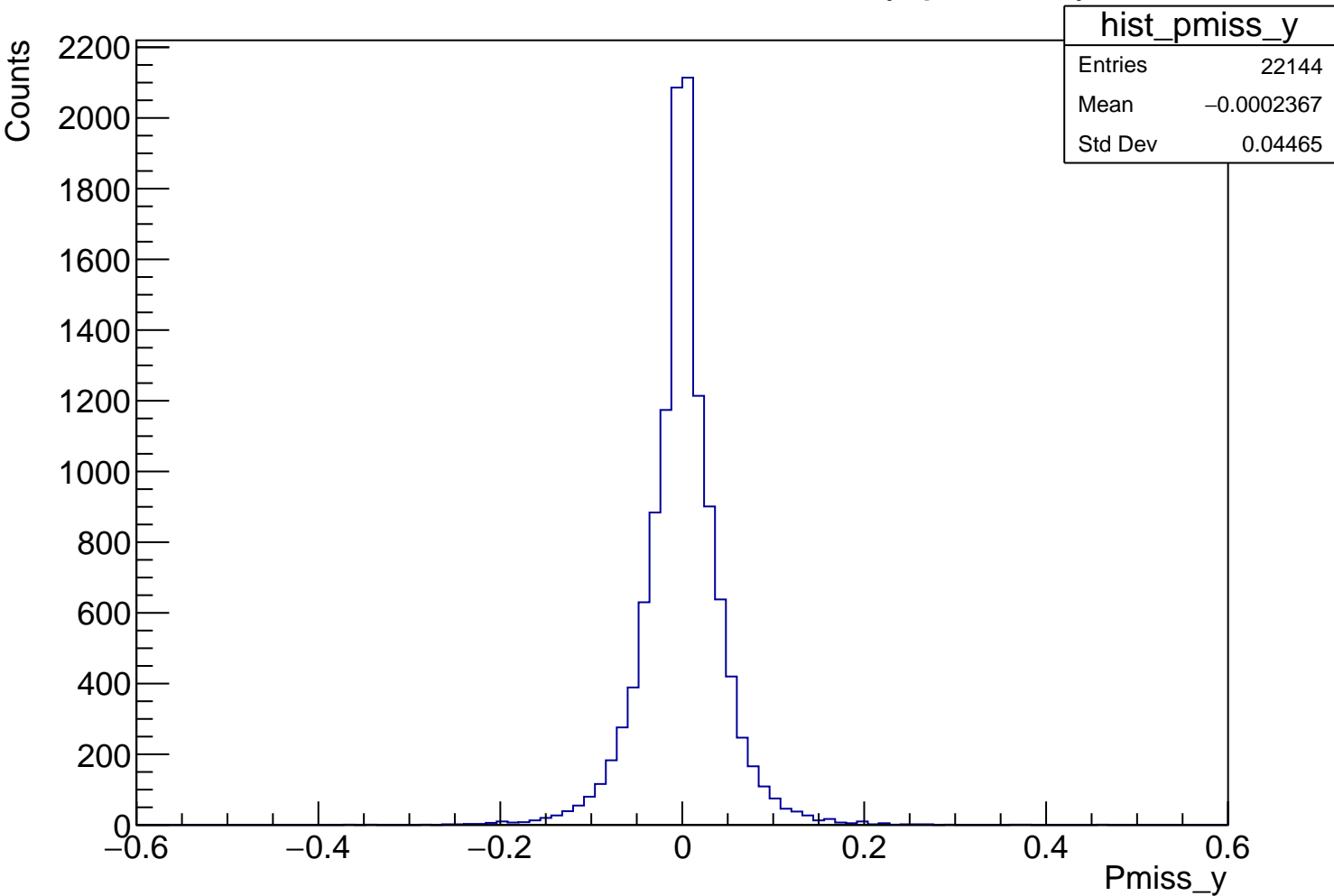


Run 6834: NPS.kin.secondary.pmiss_x

Counts

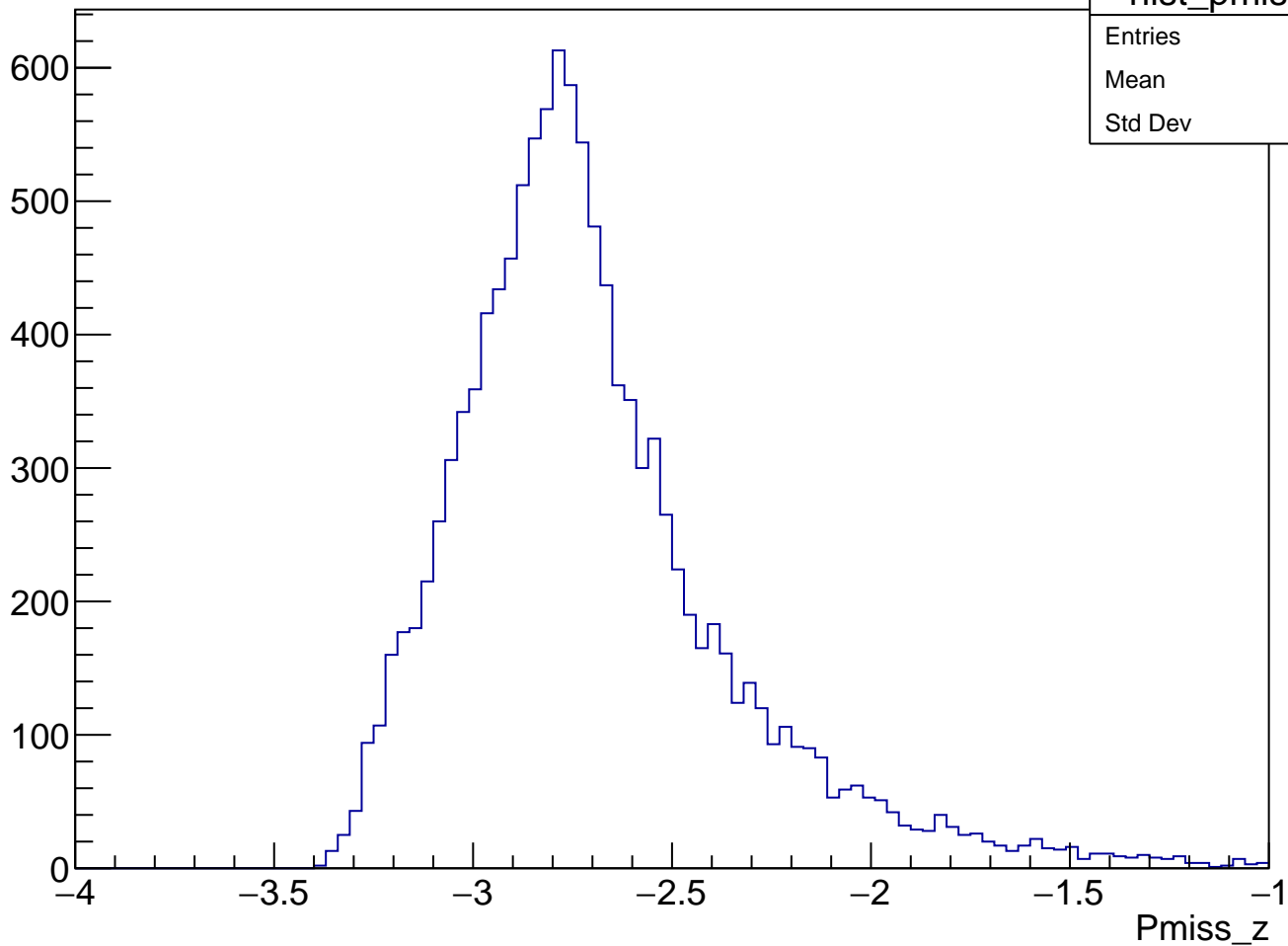


Run 6834: NPS.kin.secondary.pmiss_y



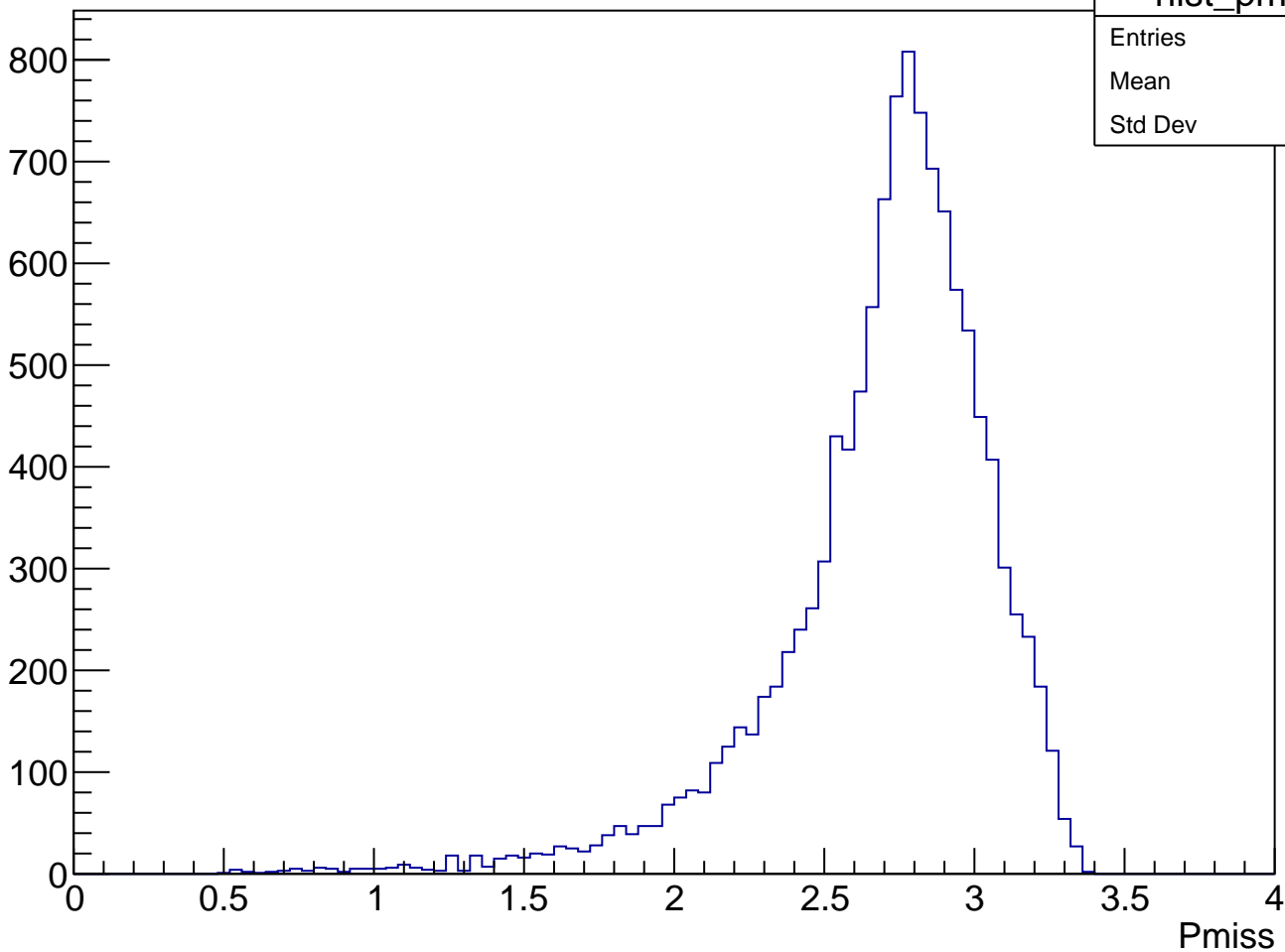
Run 6834: NPS.kin.secondary.pmiss_z

Counts



Run 6834: NPS.kin.secondary.pmiss

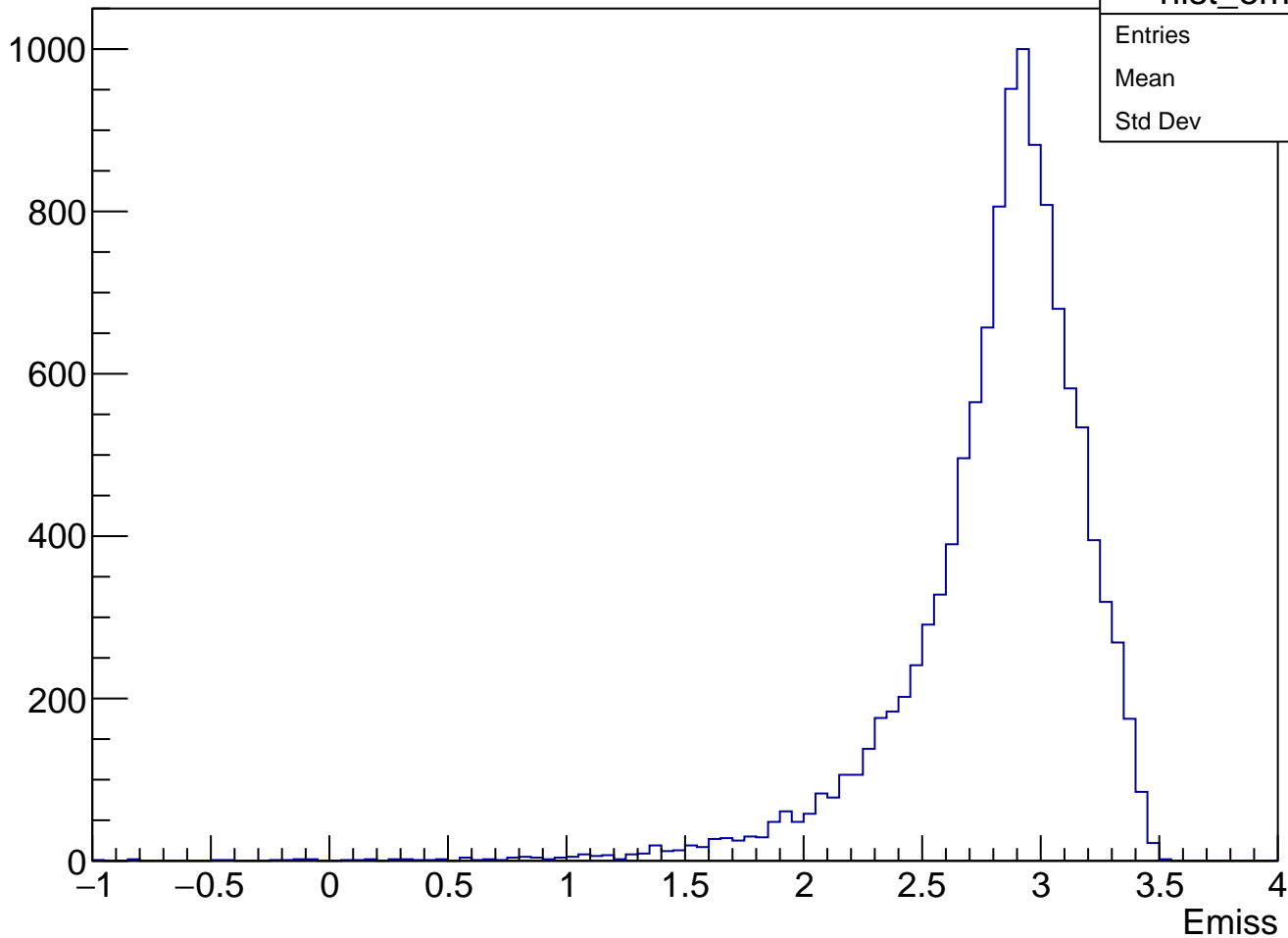
Counts



Pmiss

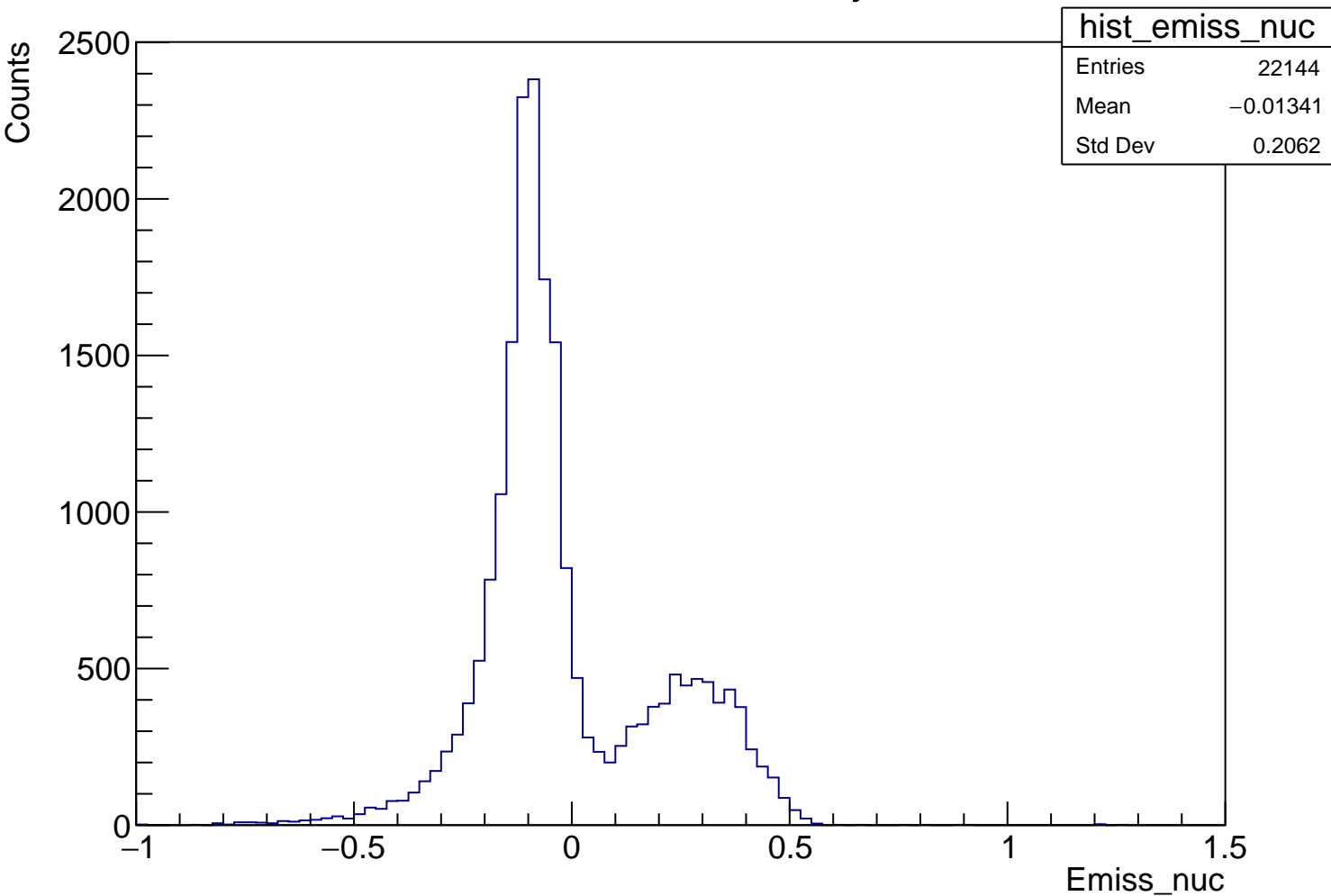
Run 6834: NPS.kin.secondary.emiss

Counts



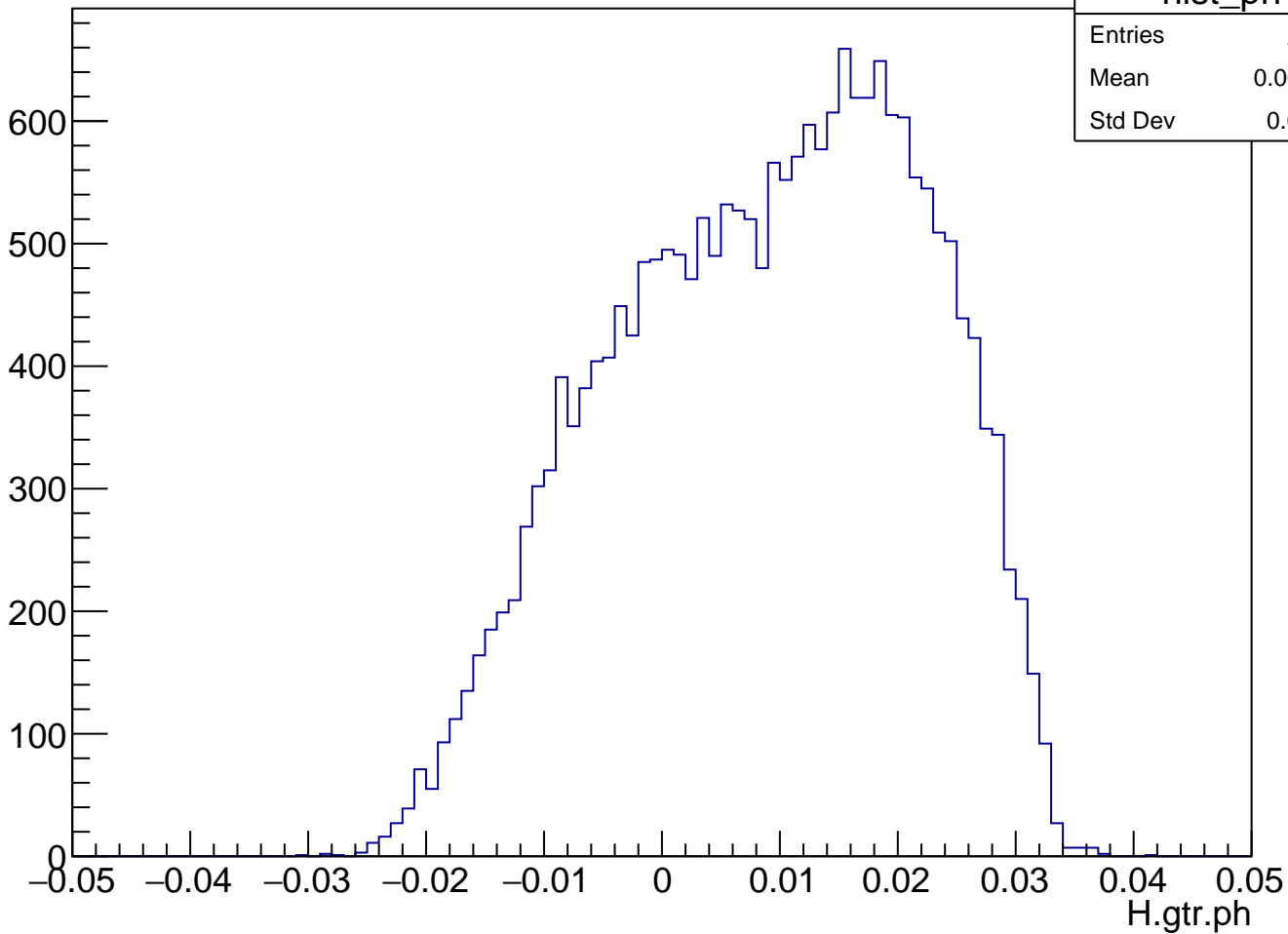
Emiss

Run 6834: NPS.kin.secondary.emiss_nuc



Run 6834: H.gtr.ph

Counts



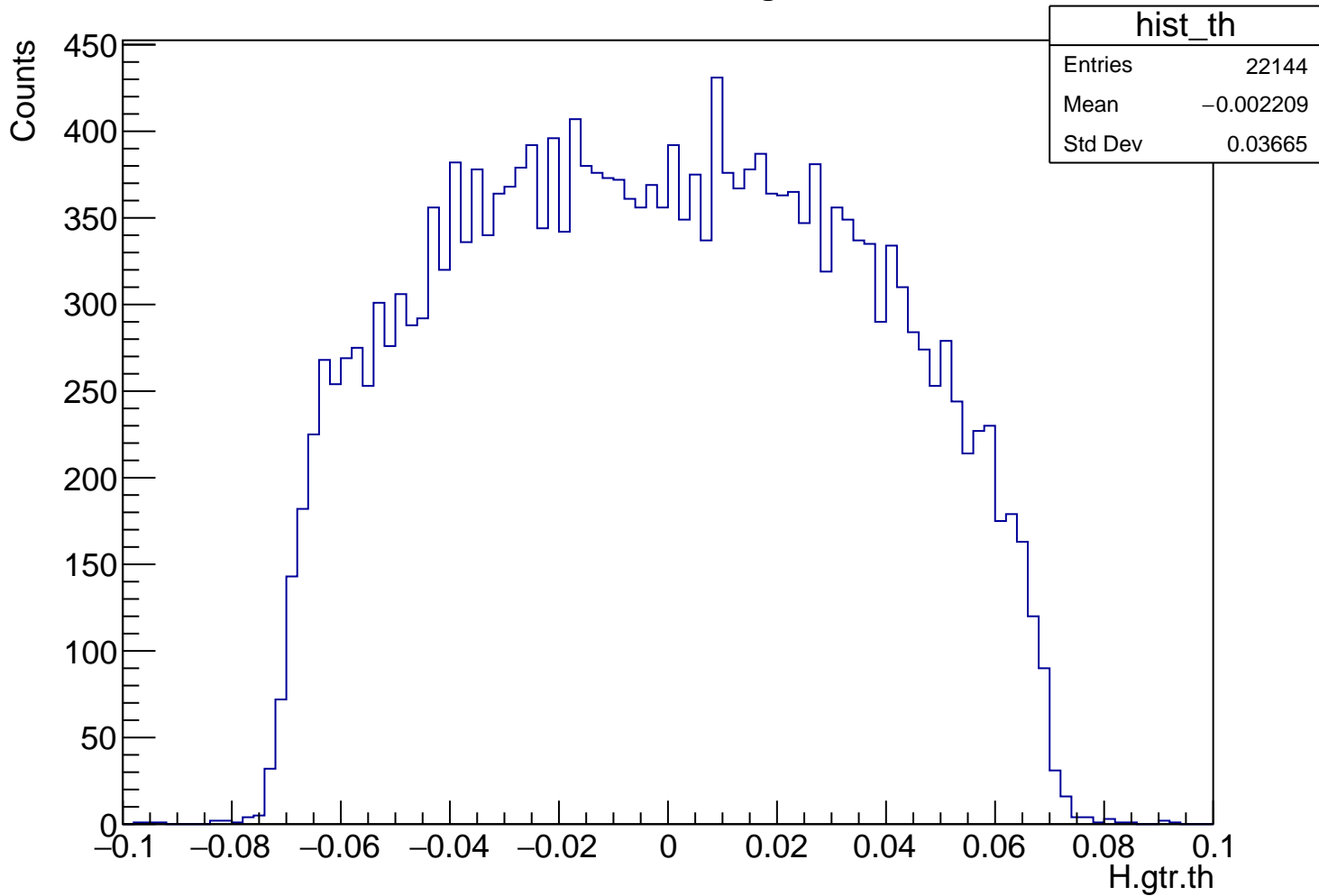
hist_ph

Entries 22144

Mean 0.008858

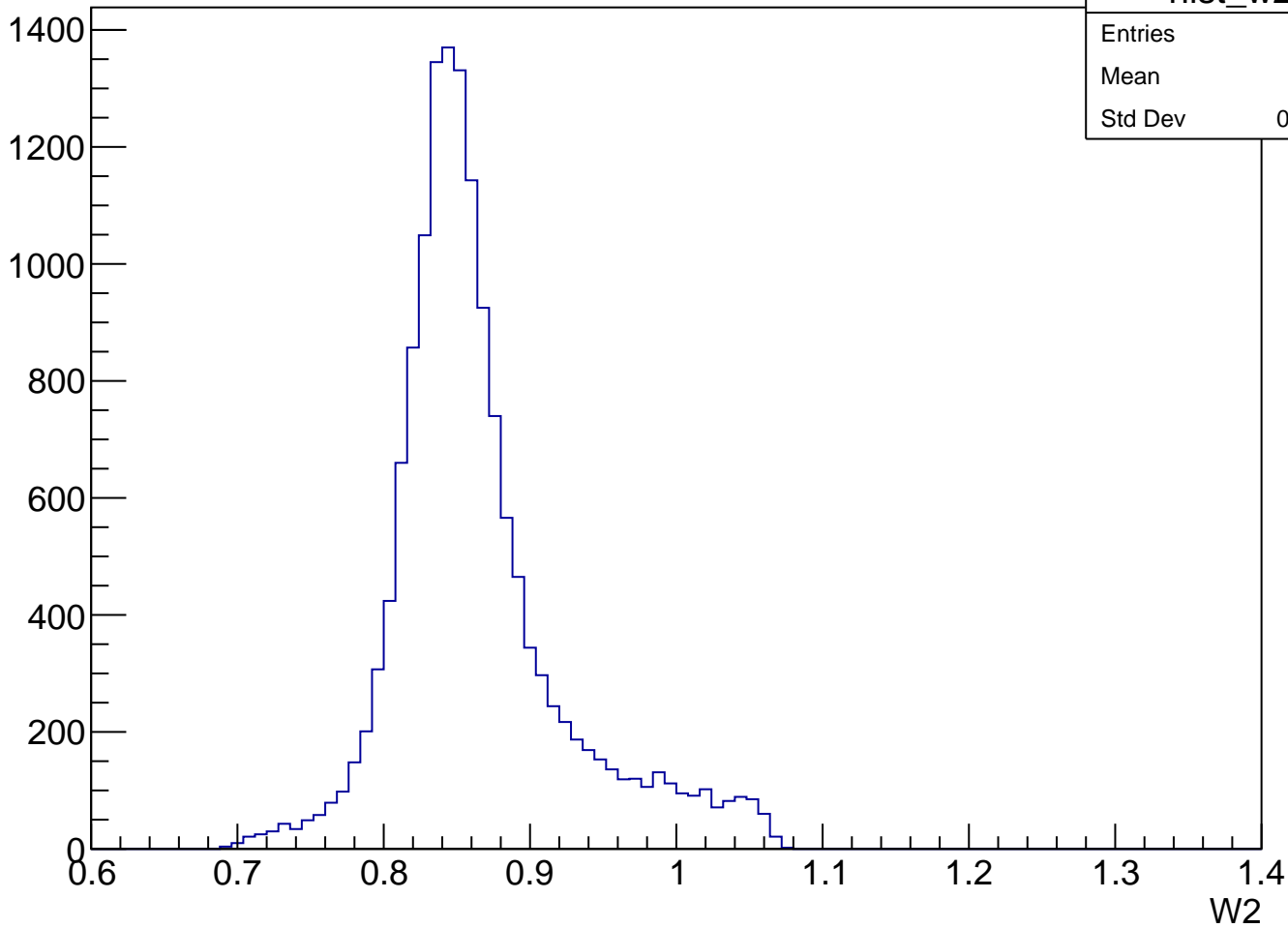
Std Dev 0.01277

Run 6834: H.gtr.th



Run 6835: H.kin.W2

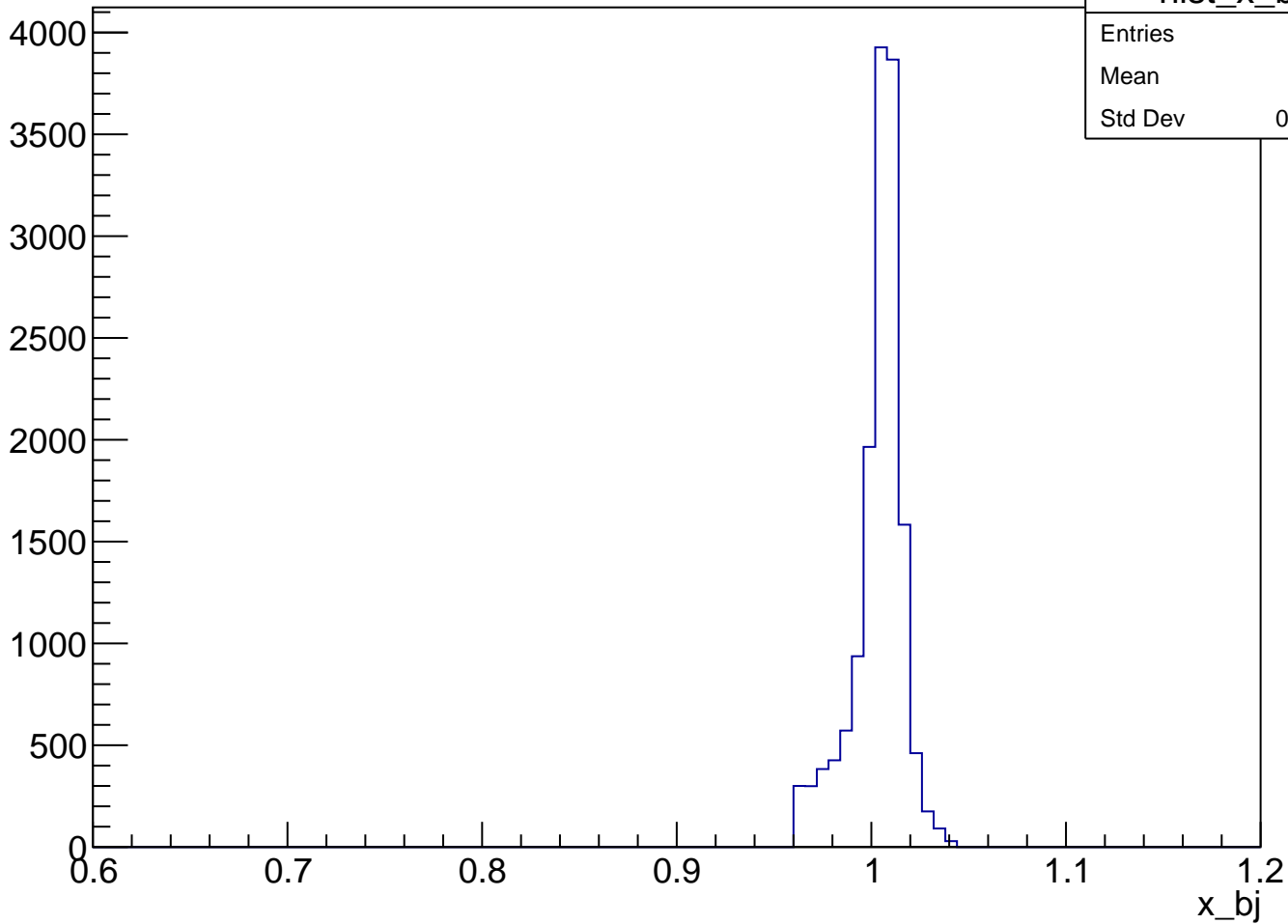
Counts



W2

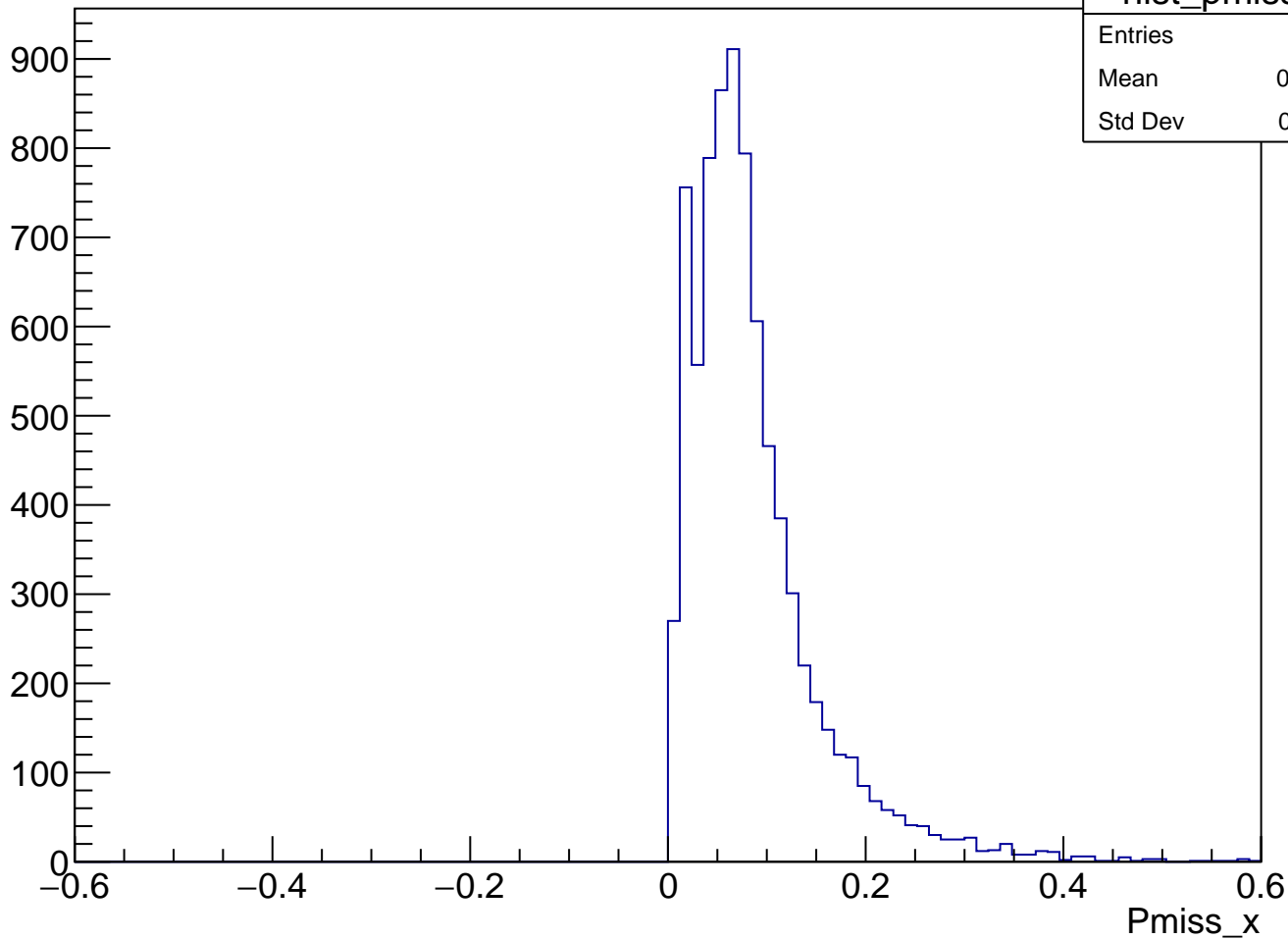
Run 6835: H.kin.x_bj

Counts



Run 6835: NPS.kin.secondary.pmiss_x

Counts



hist_pmiss_x

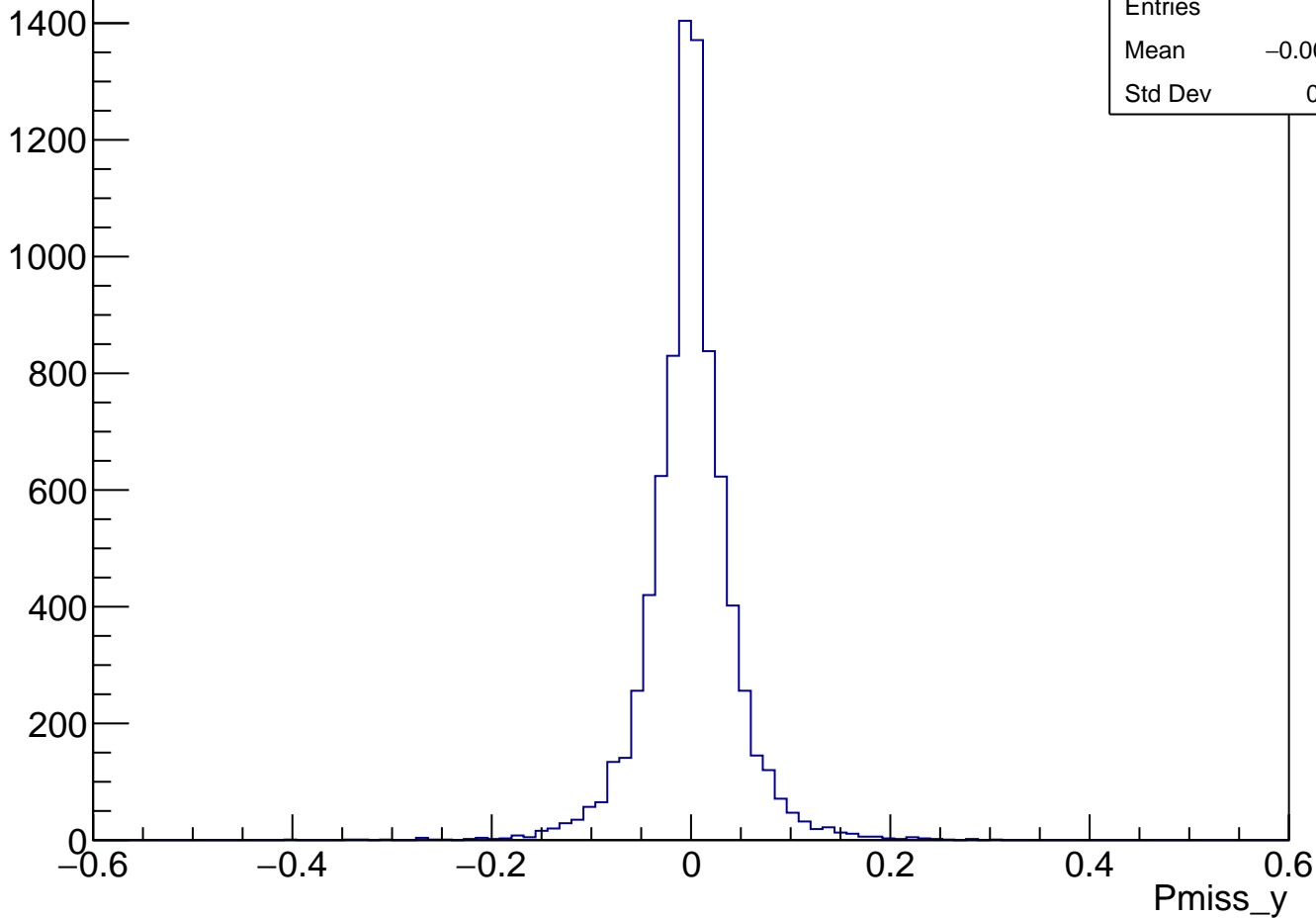
Entries 15015

Mean 0.08624

Std Dev 0.06803

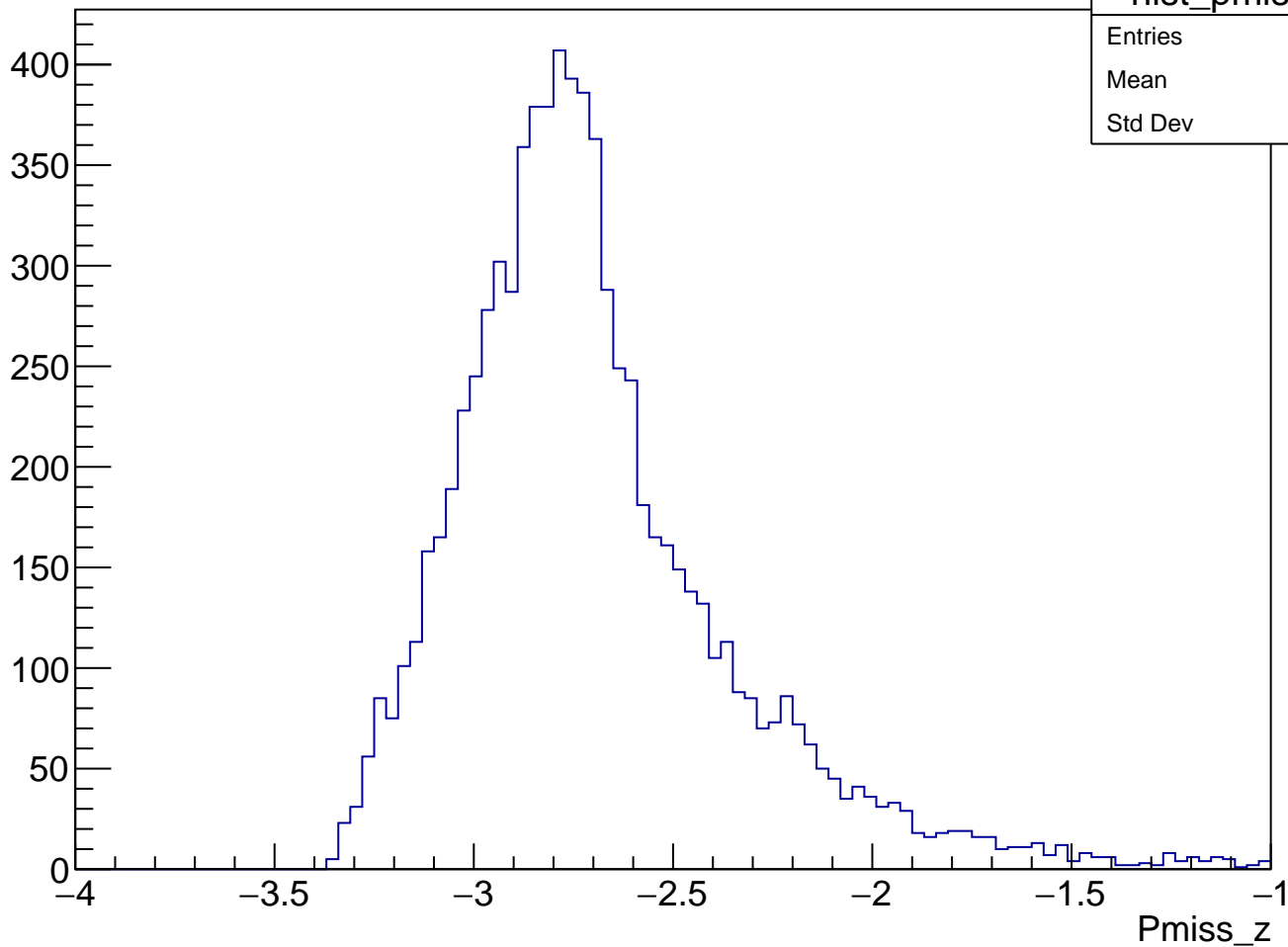
Run 6835: NPS.kin.secondary.pmiss_y

Counts



Run 6835: NPS.kin.secondary.pmiss_z

Counts



Run 6835: NPS.kin.secondary.pmiss

Counts

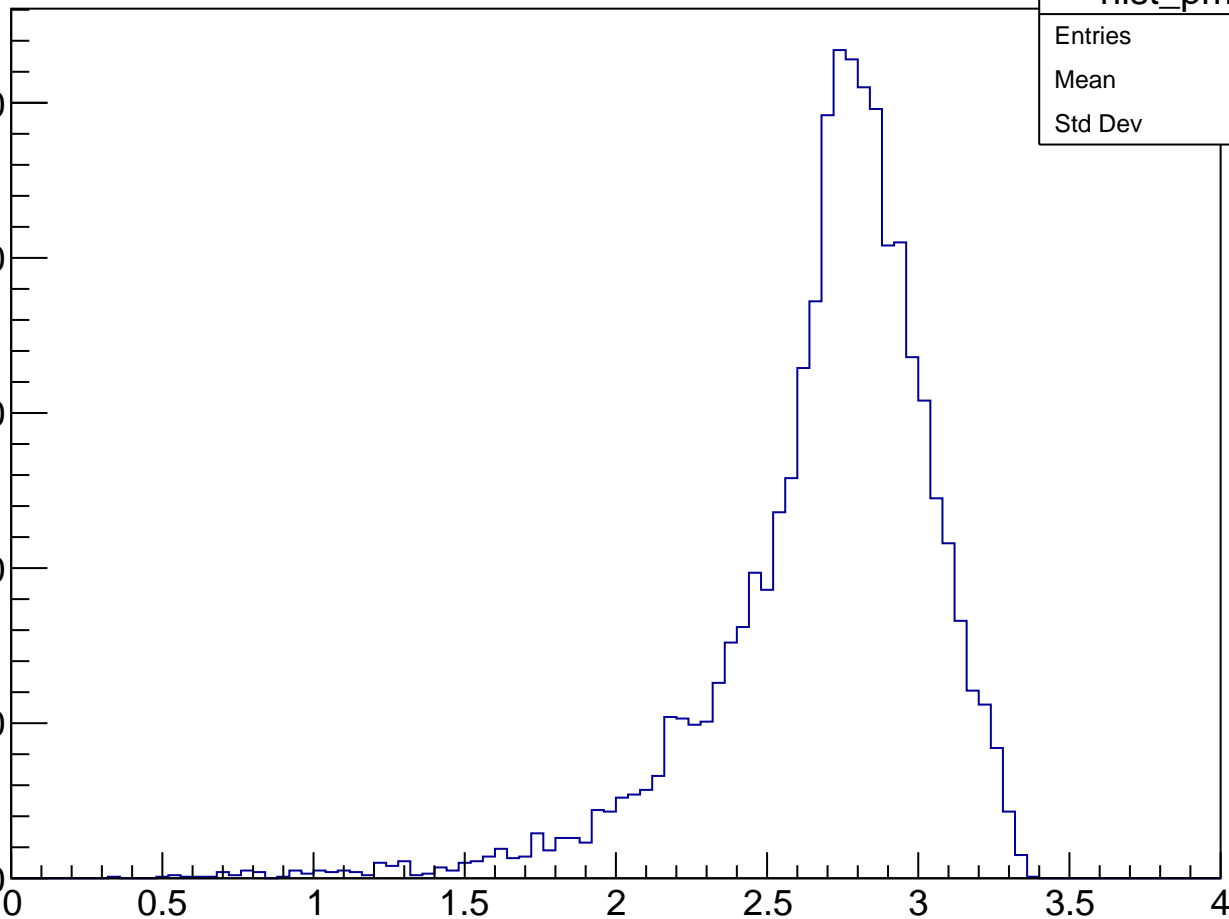
500
400
300
200
100
0

0 0.5 1 1.5 2 2.5 3 3.5 4

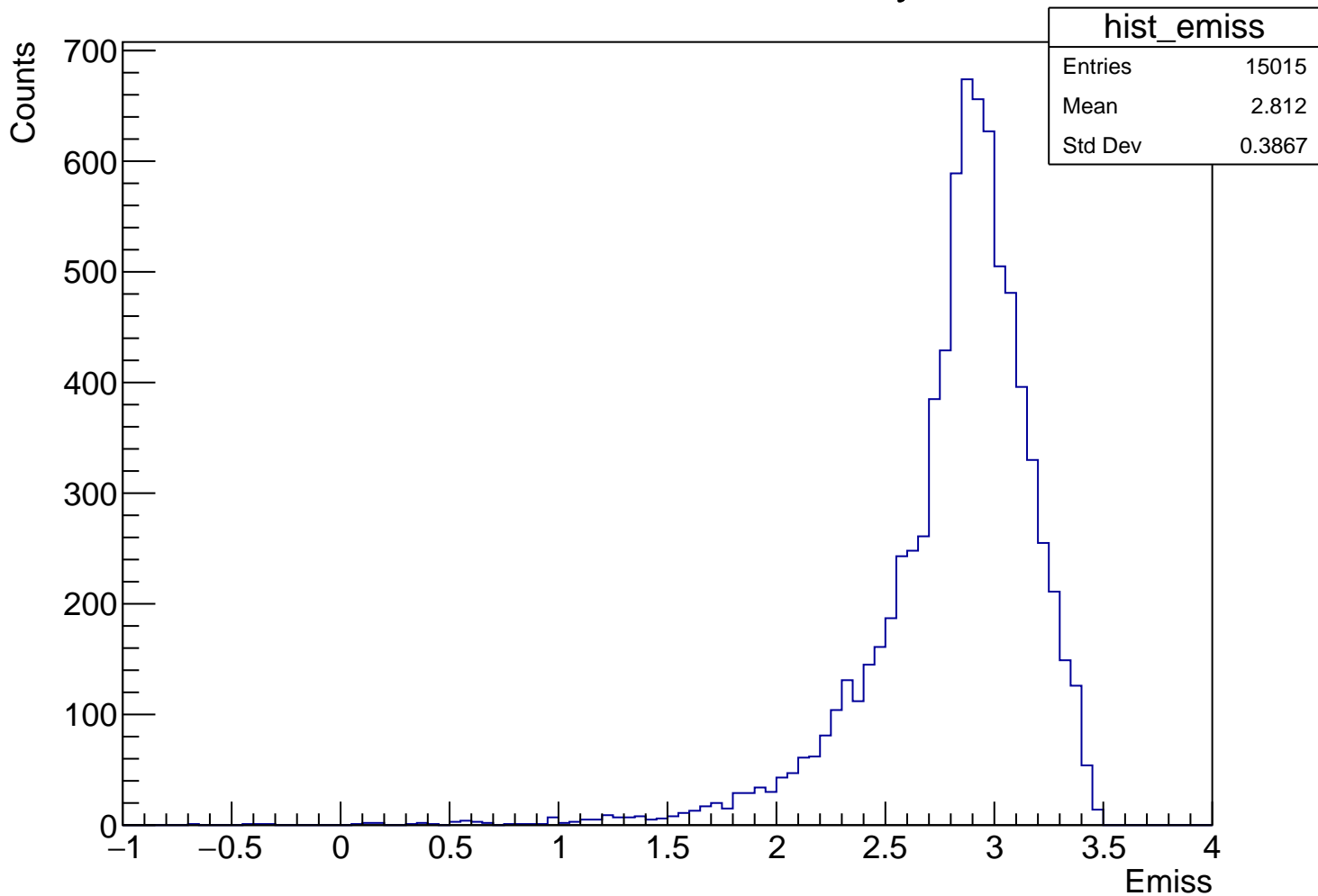
Pmiss

hist_pmiss

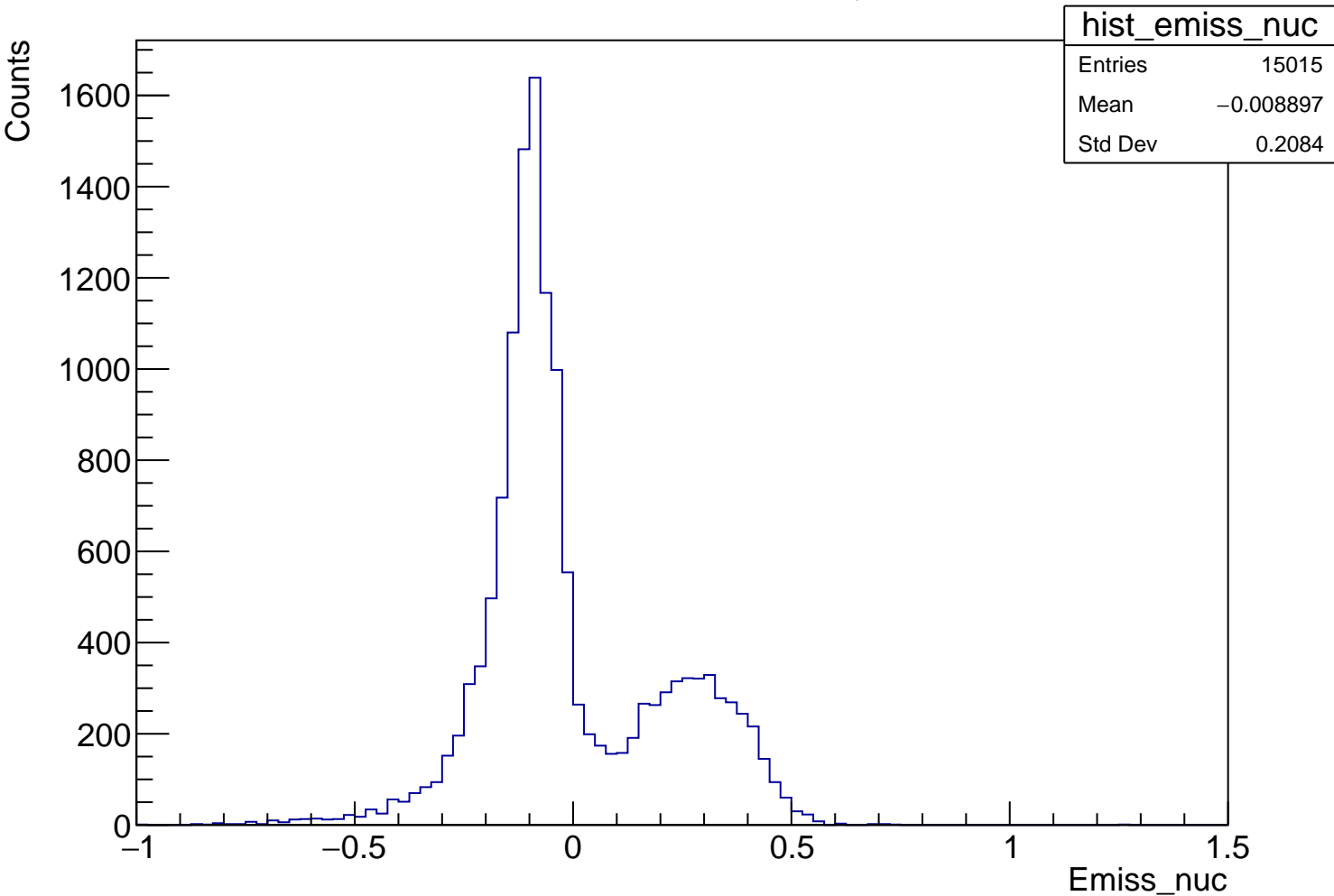
Entries	15015
Mean	2.693
Std Dev	0.3646



Run 6835: NPS.kin.secondary.emiss

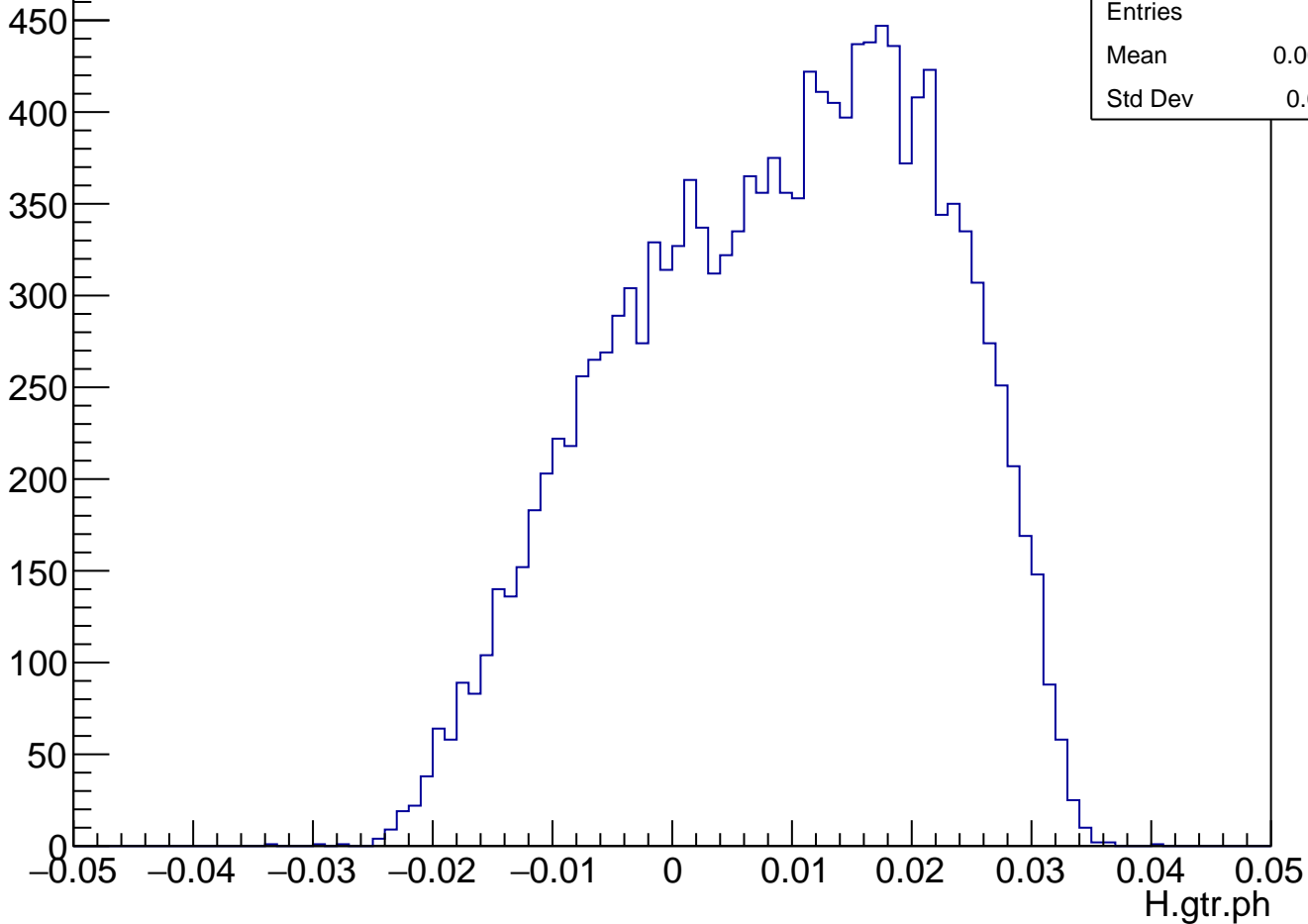


Run 6835: NPS.kin.secondary.emiss_nuc



Run 6835: H.gtr.ph

Counts



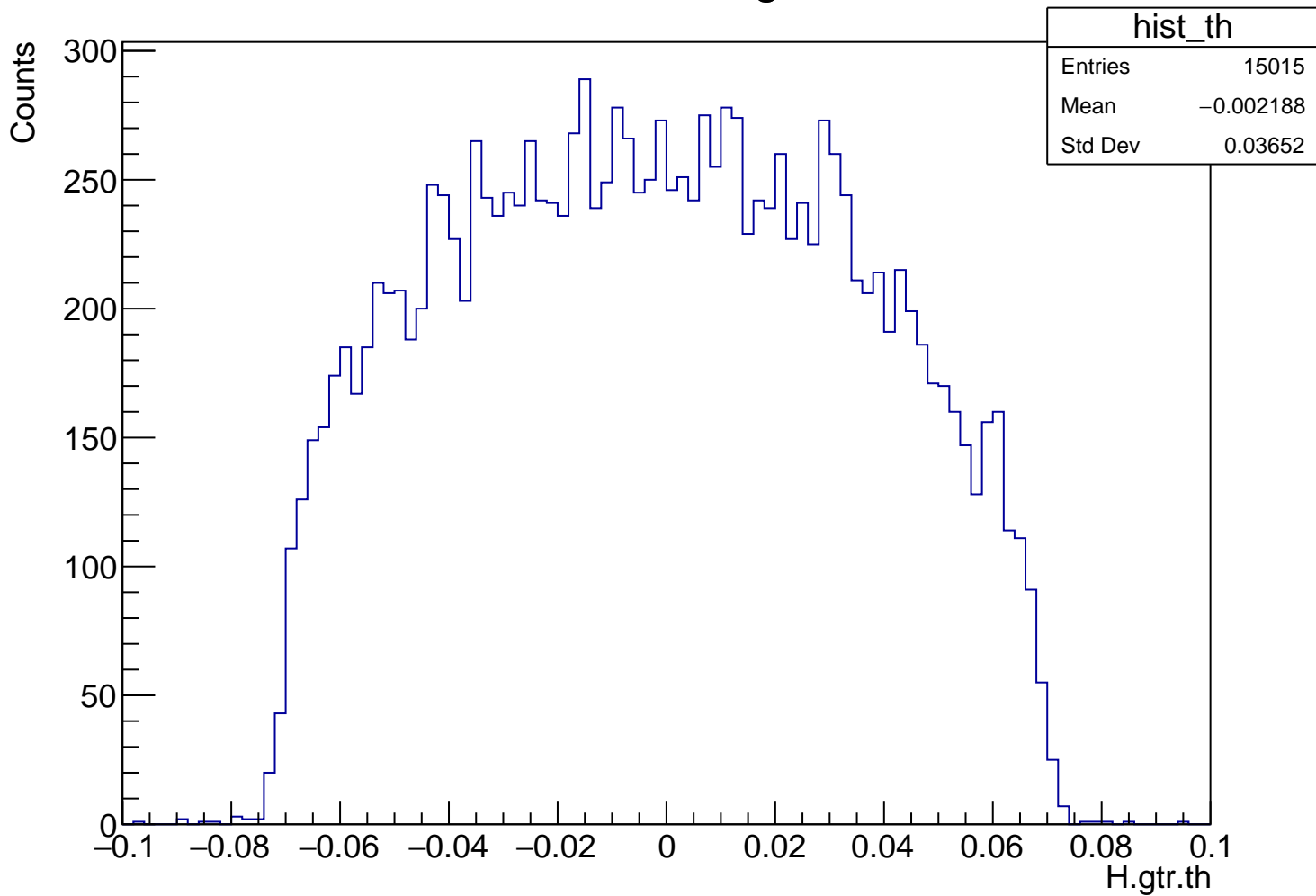
hist_ph

Entries 15015

Mean 0.008856

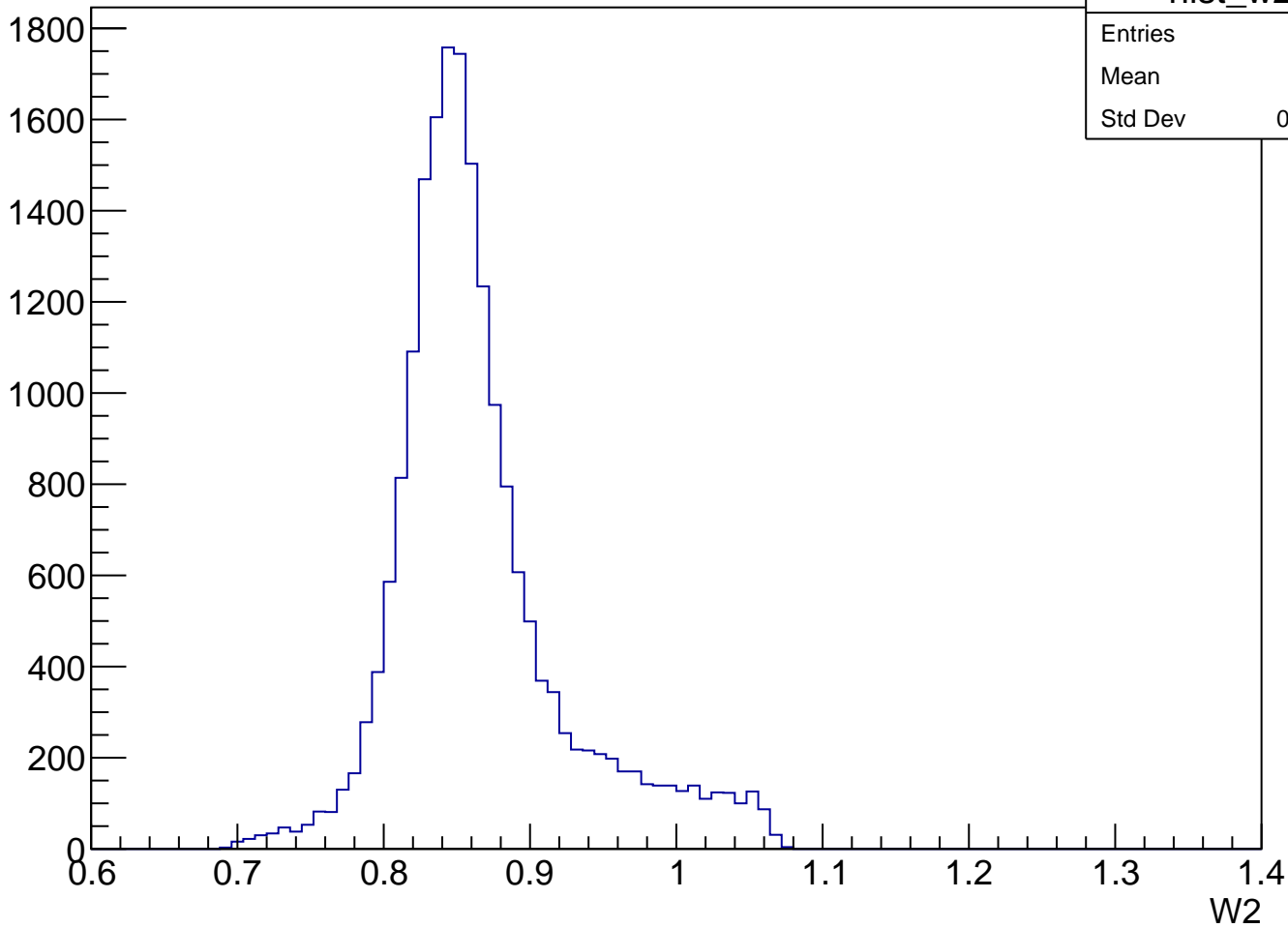
Std Dev 0.01276

Run 6835: H.gtr.th



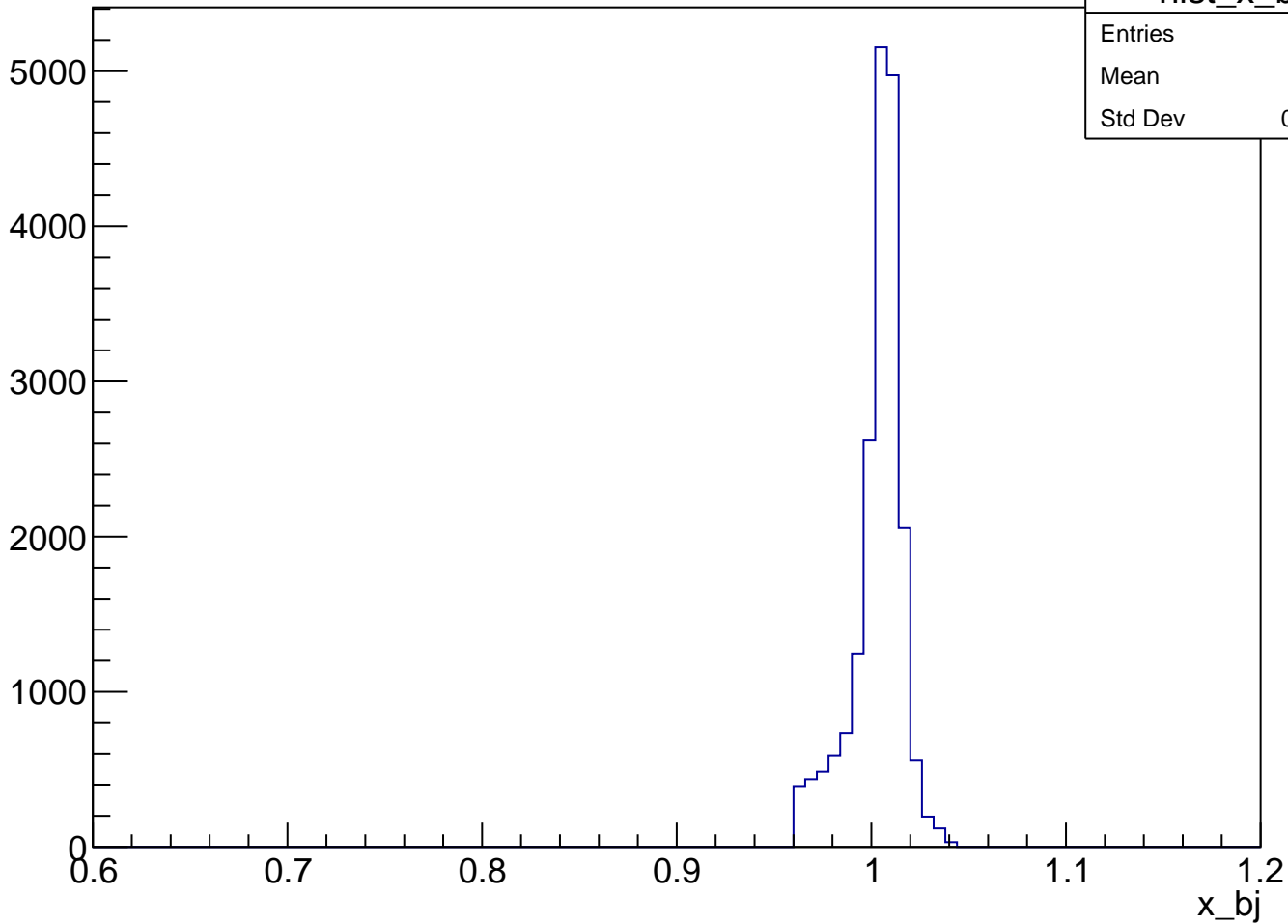
Run 6836: H.kin.W2

Counts



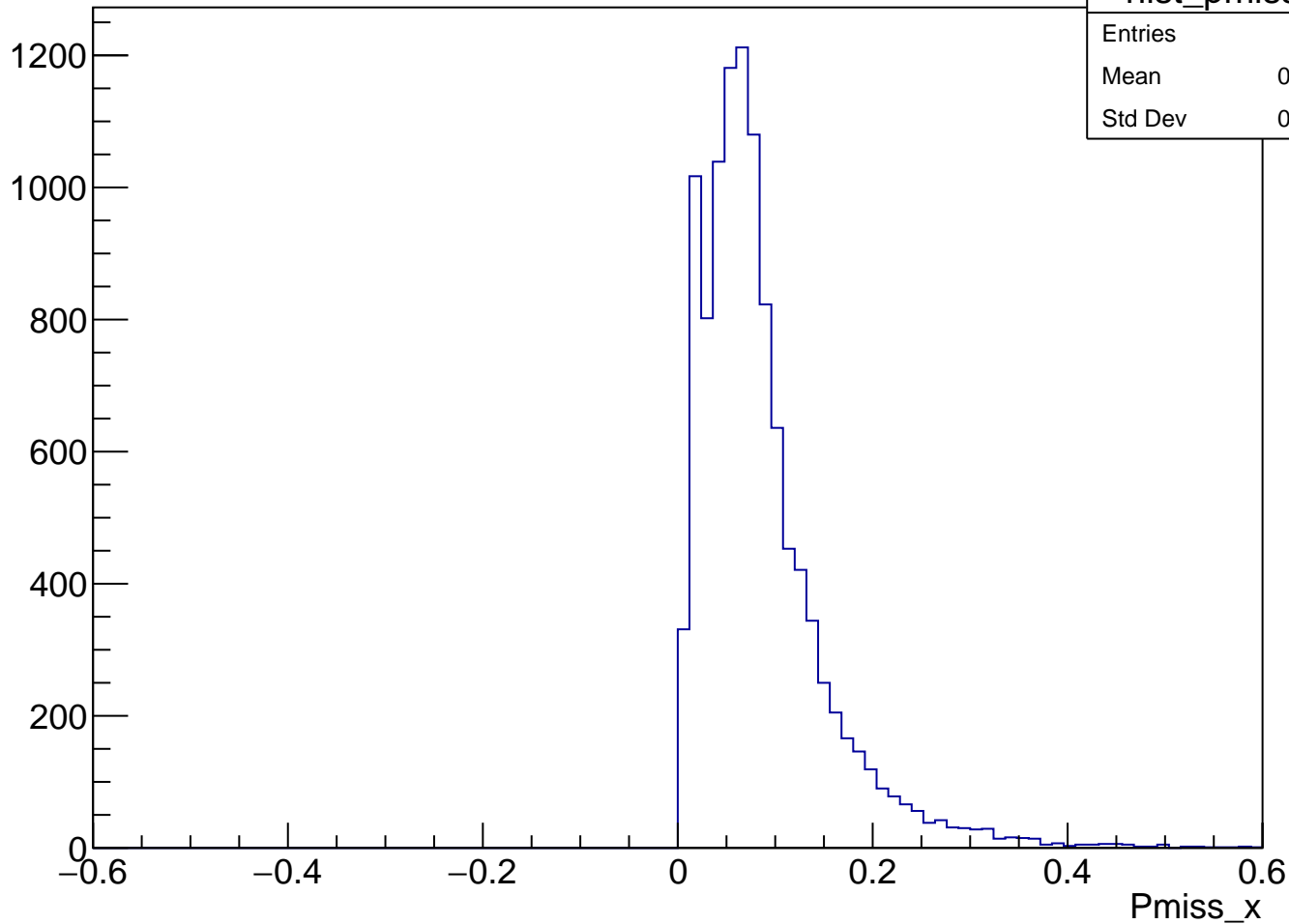
Run 6836: H.kin.x_bj

Counts



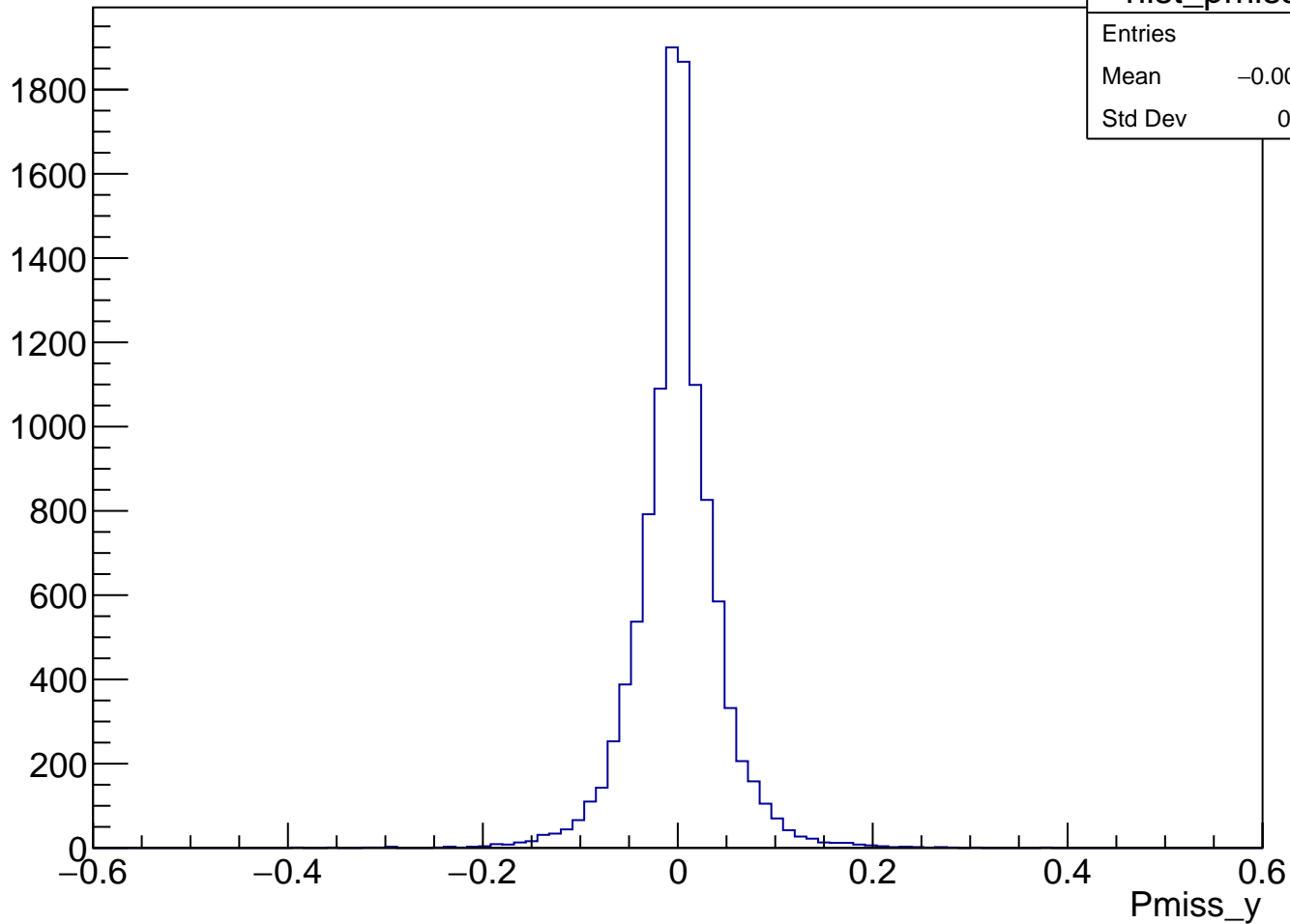
Run 6836: NPS.kin.secondary.pmiss_x

Counts



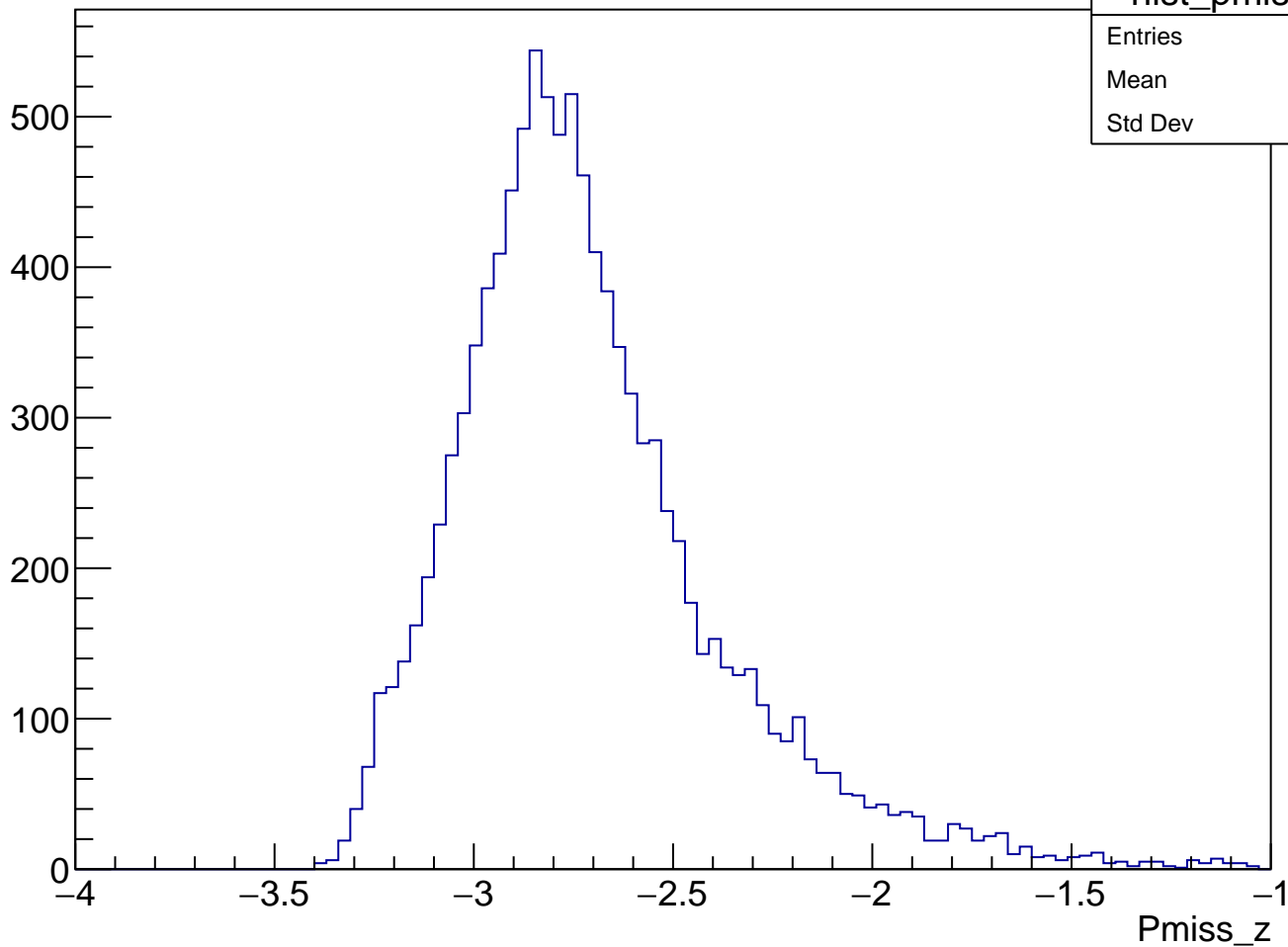
Run 6836: NPS.kin.secondary.pmiss_y

Counts



Run 6836: NPS.kin.secondary.pmiss_z

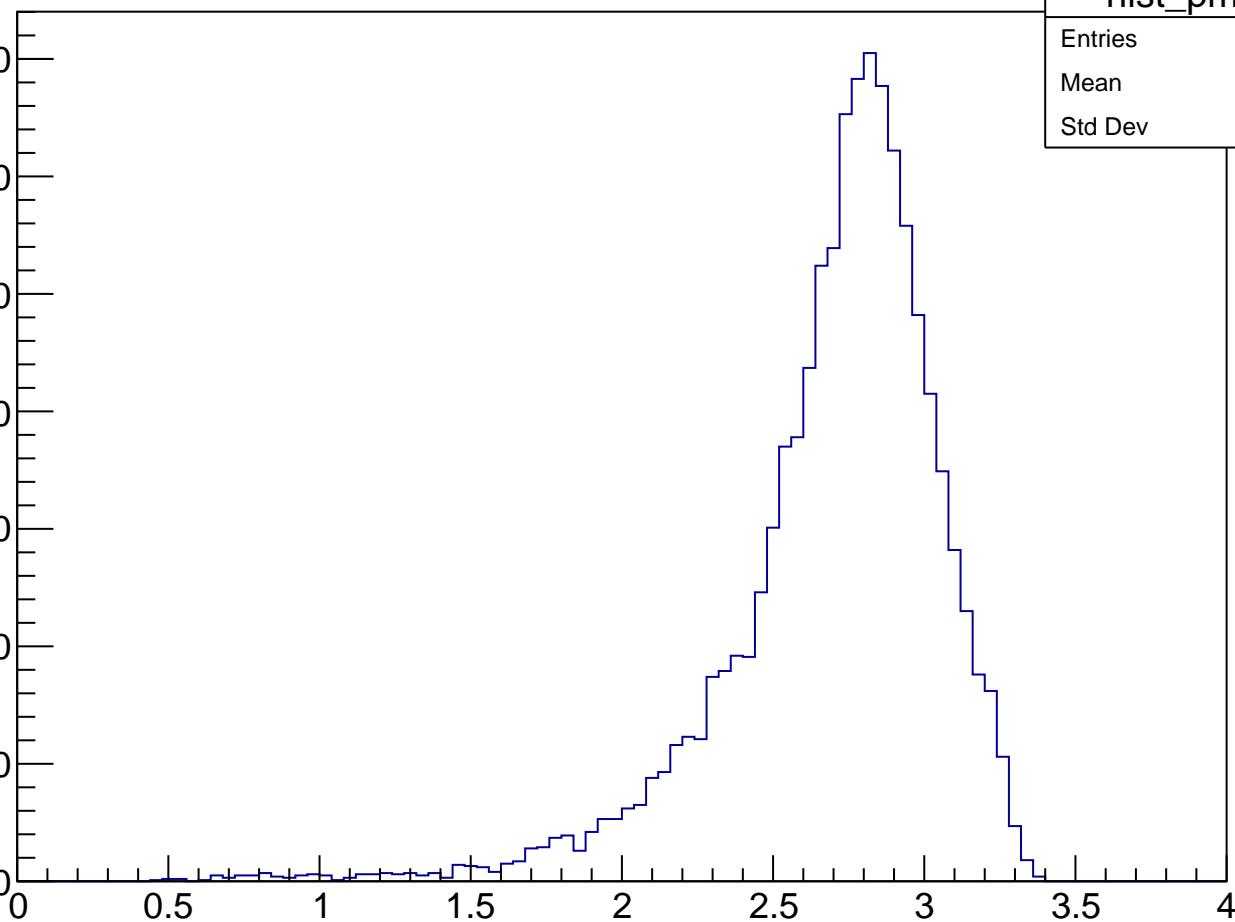
Counts



Run 6836: NPS.kin.secondary.pmiss

Counts

700
600
500
400
300
200
100
0



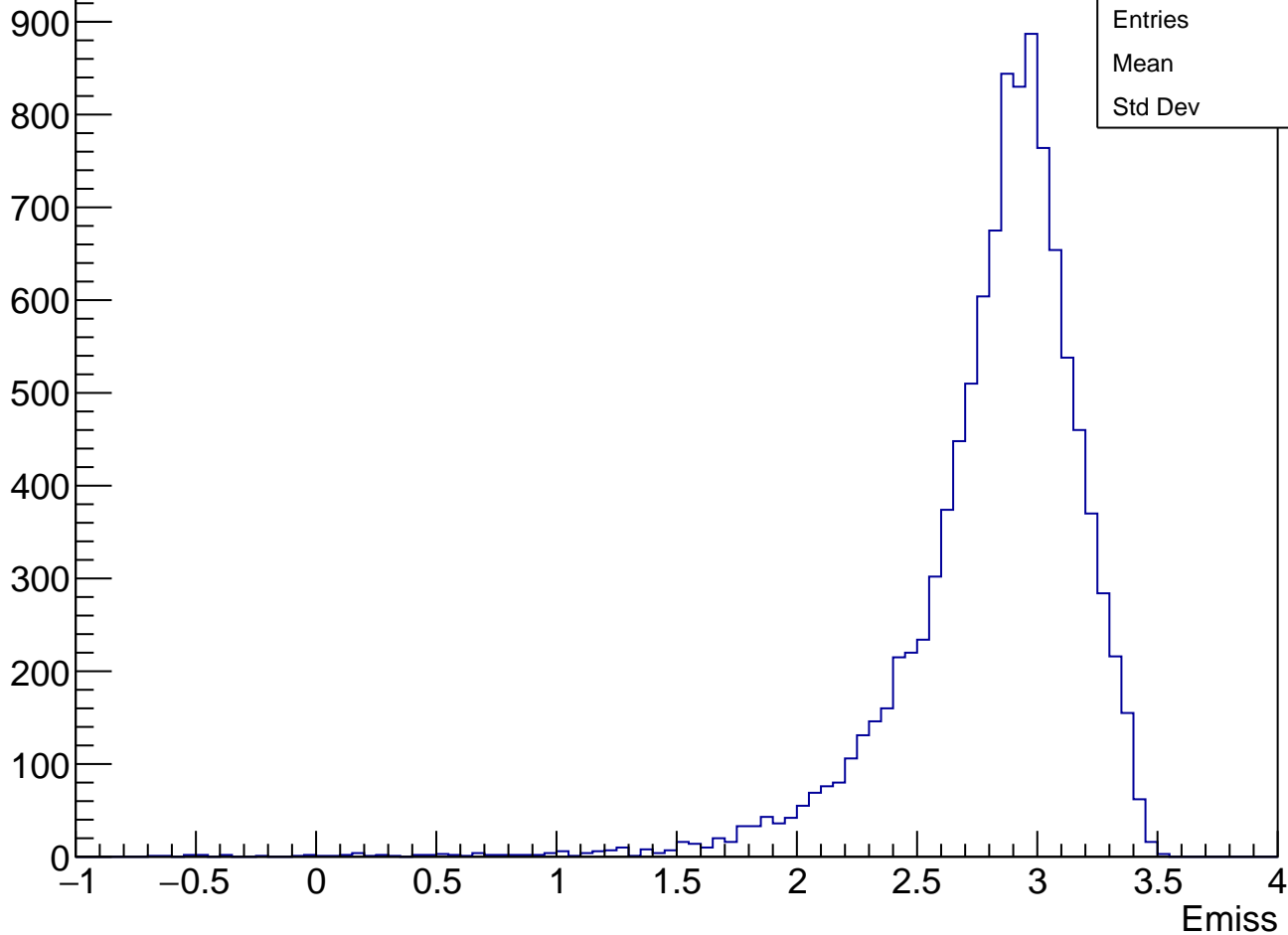
hist_pmiss

Entries	19585
Mean	2.7
Std Dev	0.359

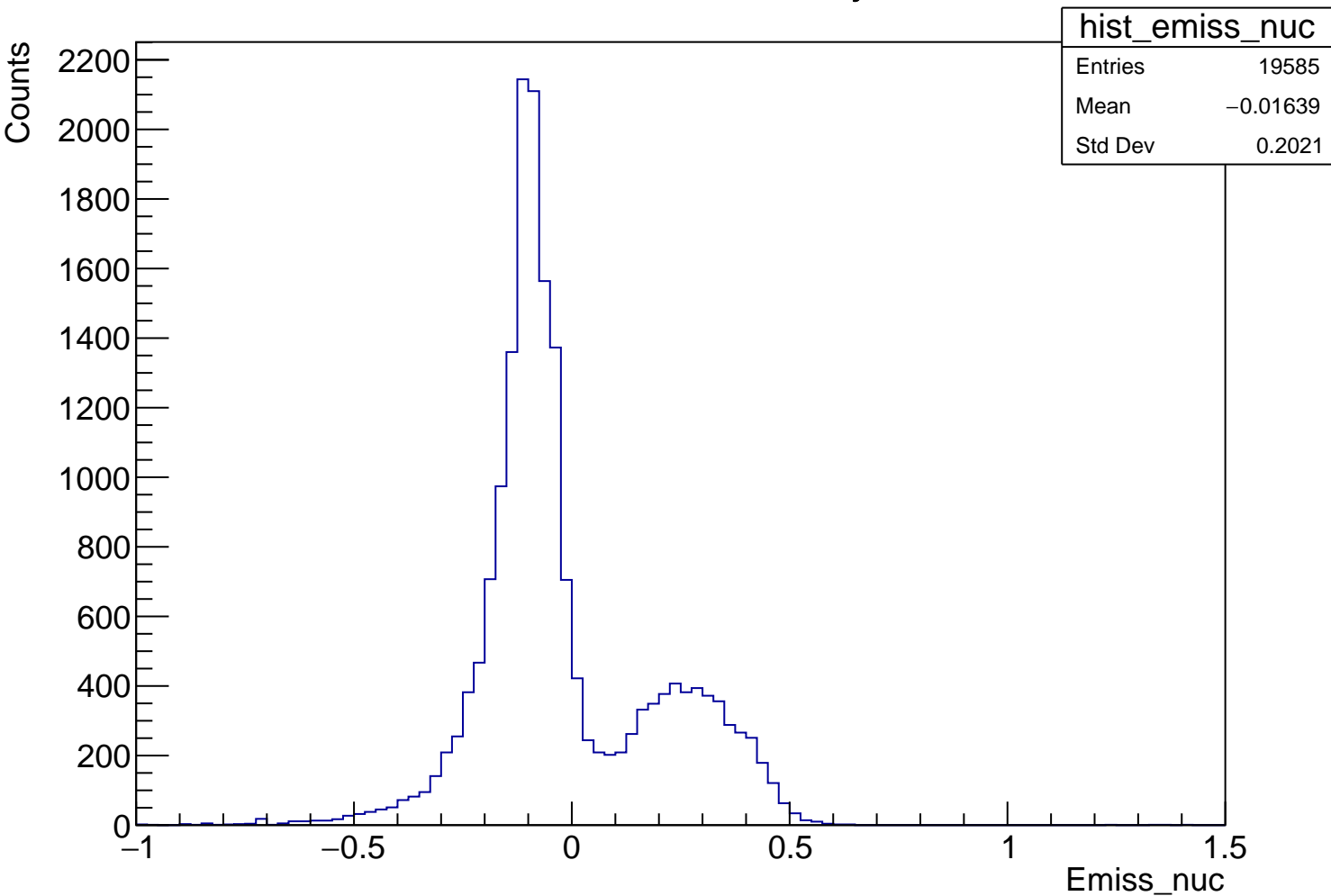
Pmiss

Run 6836: NPS.kin.secondary.emiss

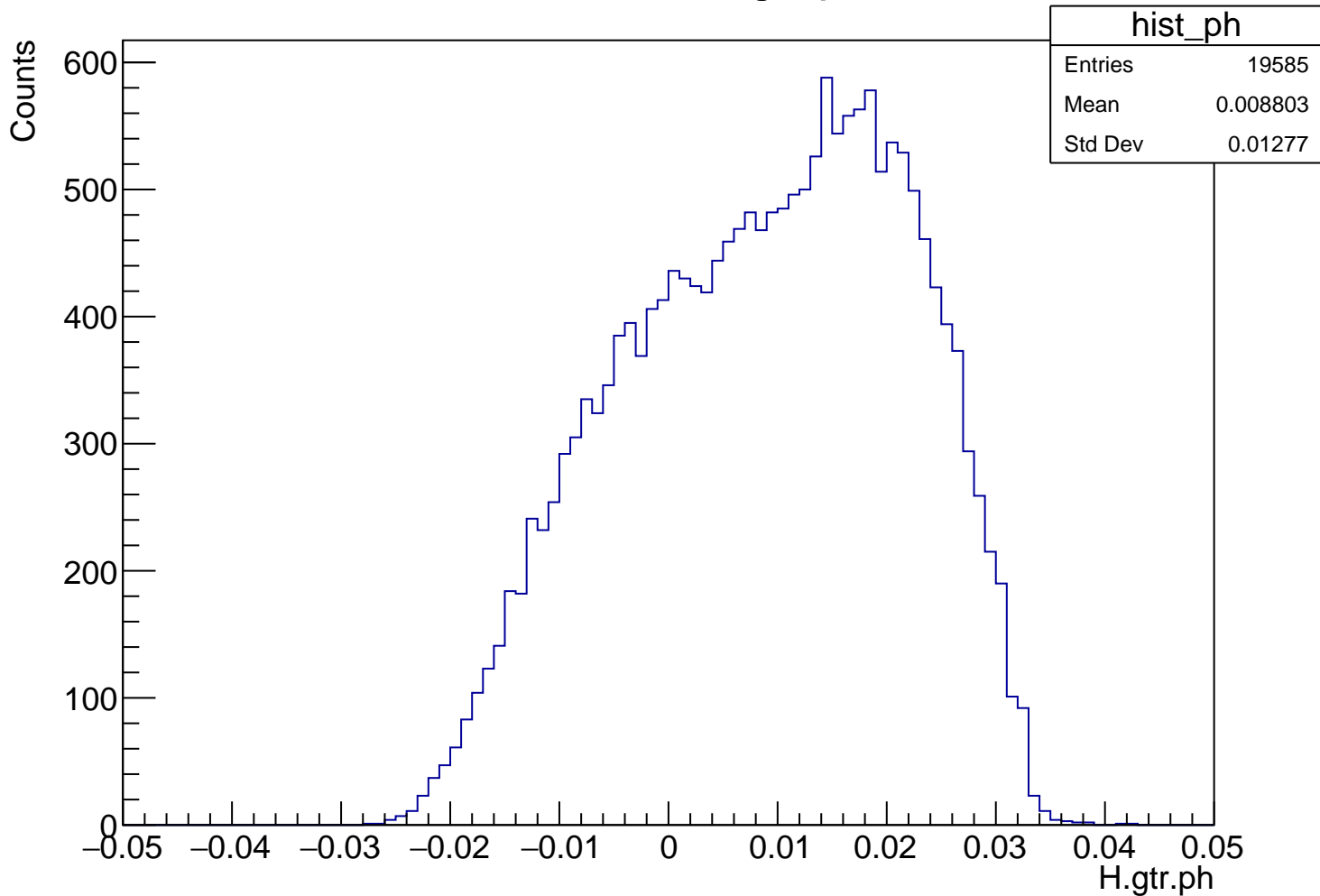
Counts



Run 6836: NPS.kin.secondary.emiss_nuc

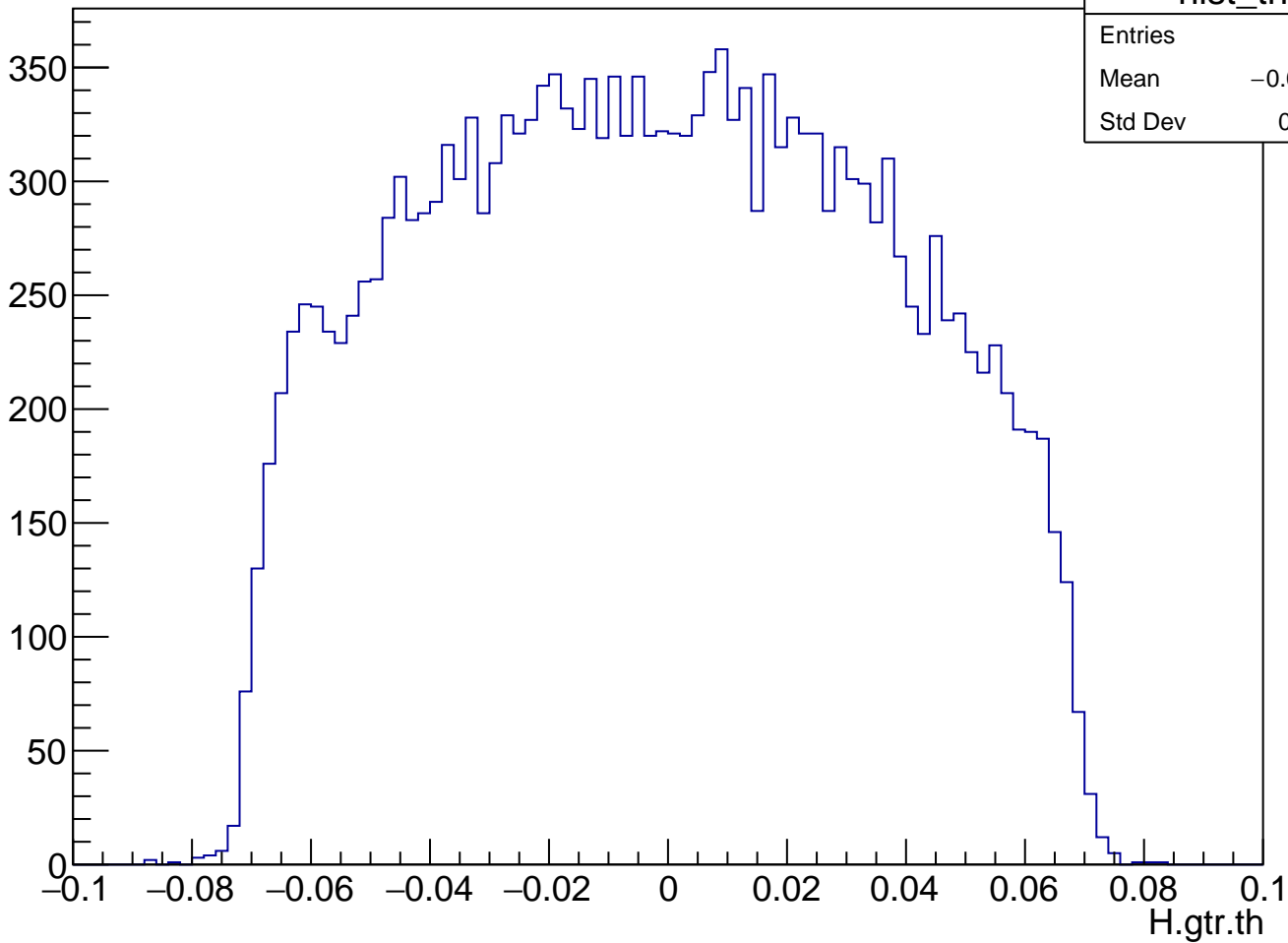


Run 6836: H.gtr.ph



Run 6836: H.gtr.th

Counts



hist_th

Entries 19585

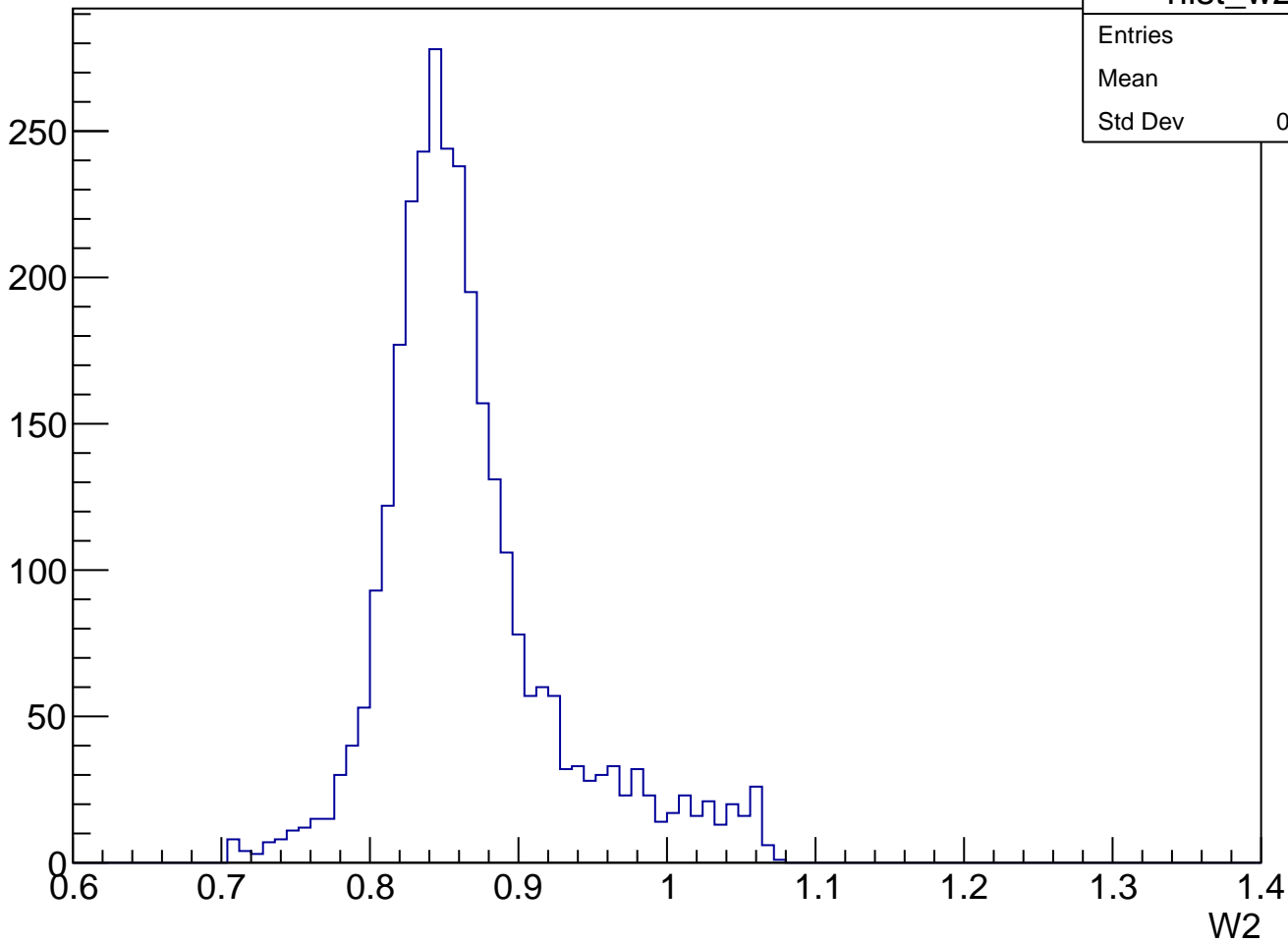
Mean -0.002155

Std Dev 0.03686

H.gtr.th

Run 6837: H.kin.W2

Counts

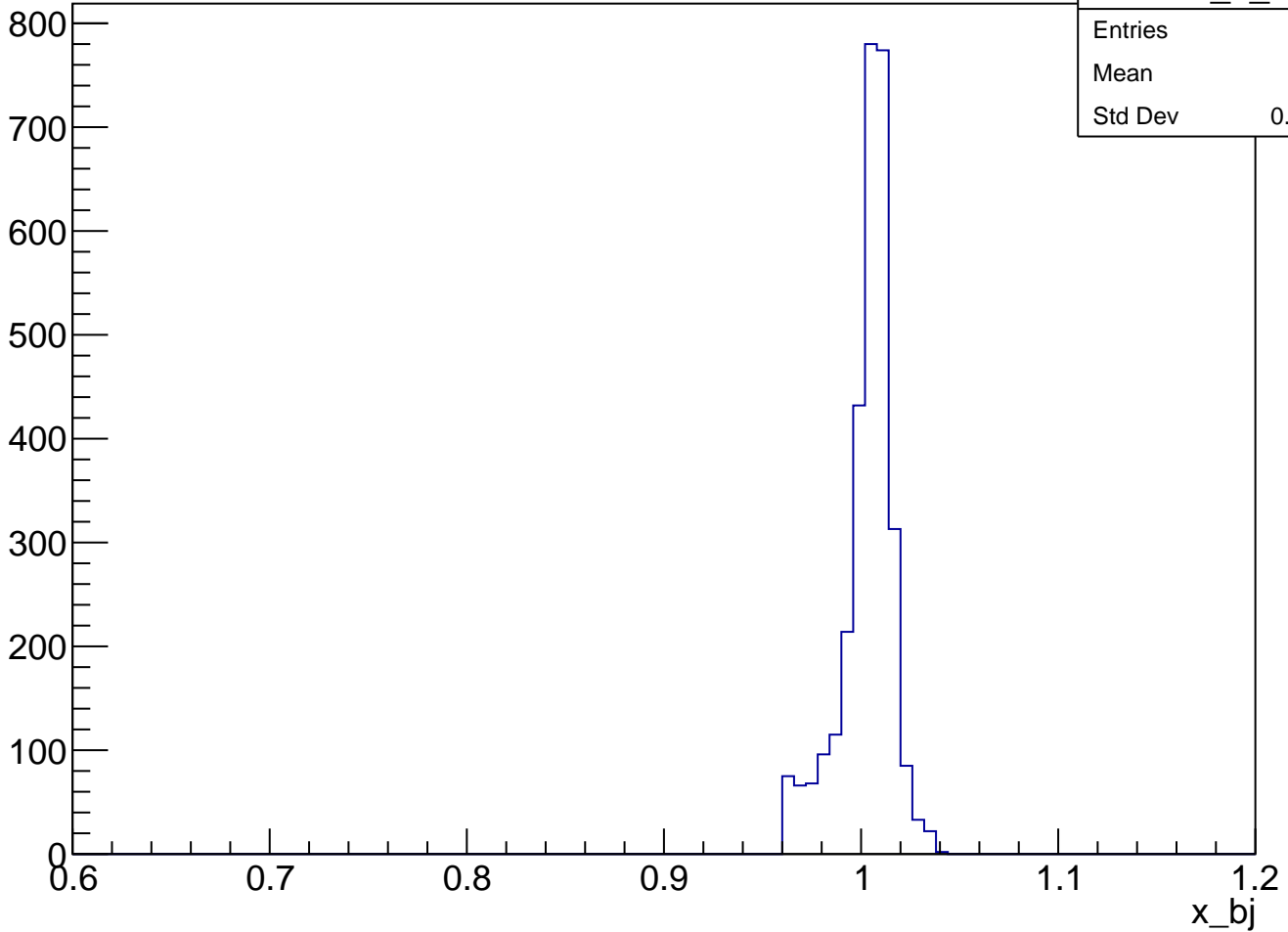


hist_w2

Entries	3075
Mean	0.8667
Std Dev	0.06054

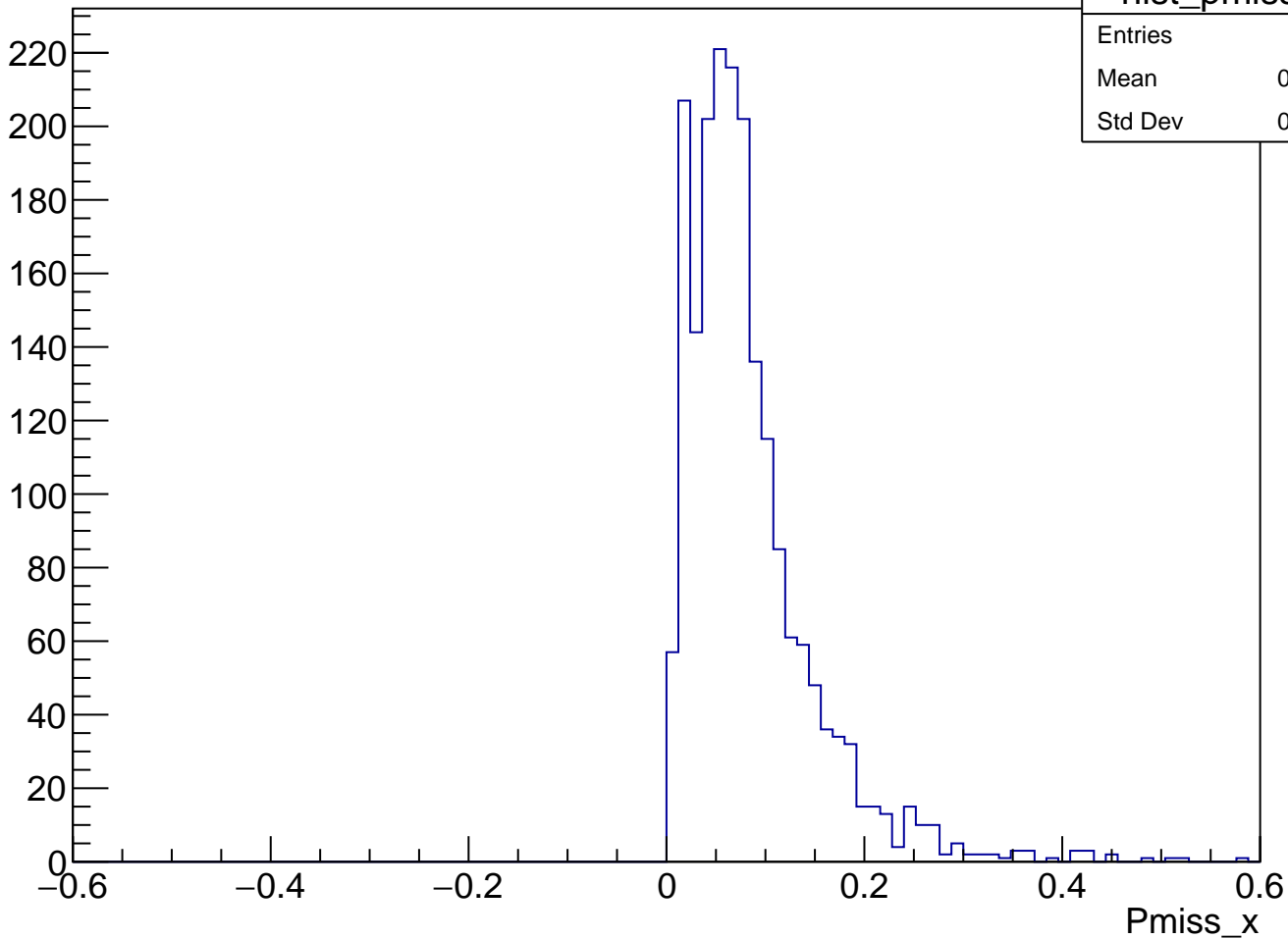
Run 6837: H.kin.x_bj

Counts



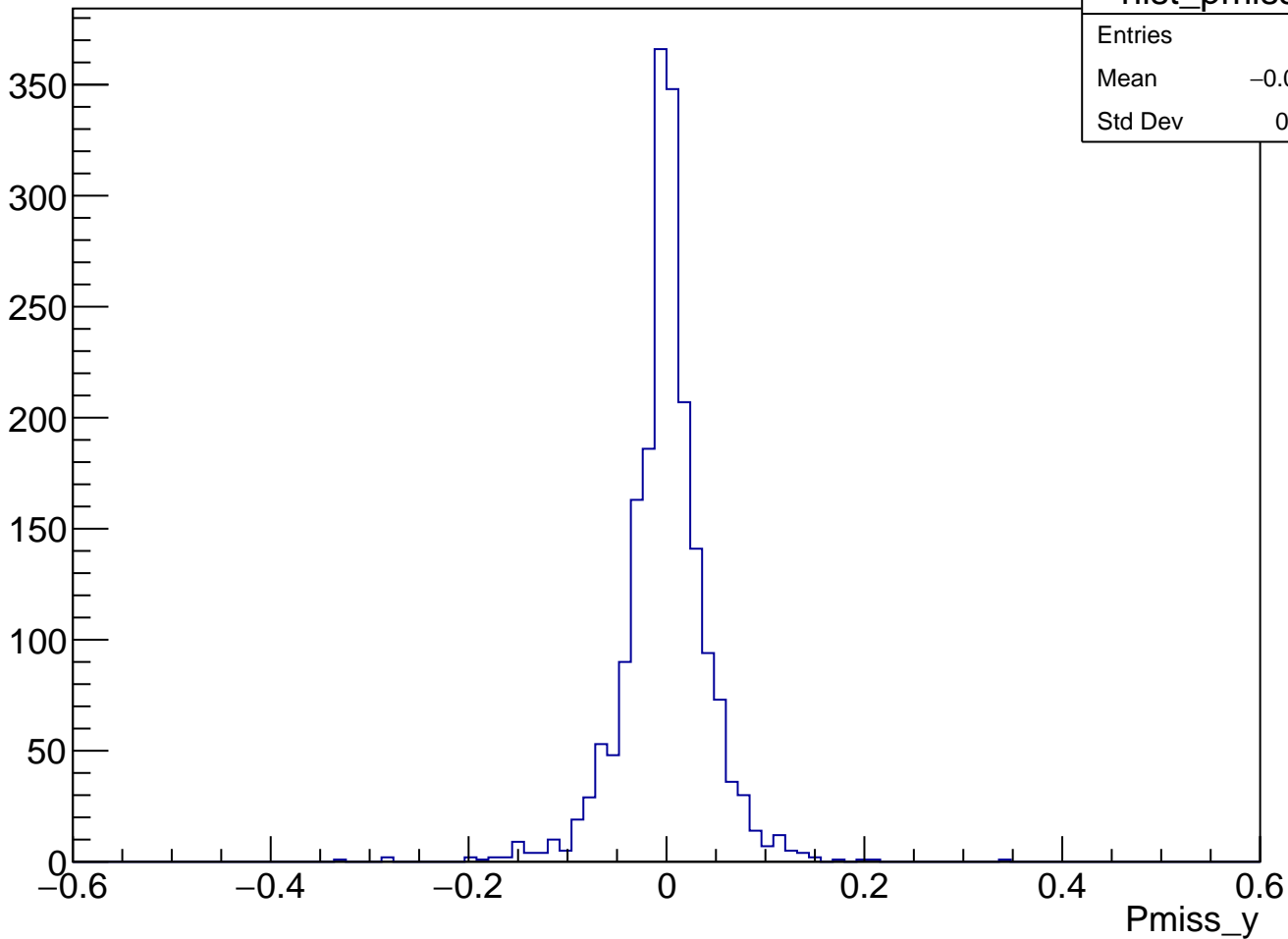
Run 6837: NPS.kin.secondary.pmiss_x

Counts



Run 6837: NPS.kin.secondary.pmiss_y

Counts



hist_pmiss_y

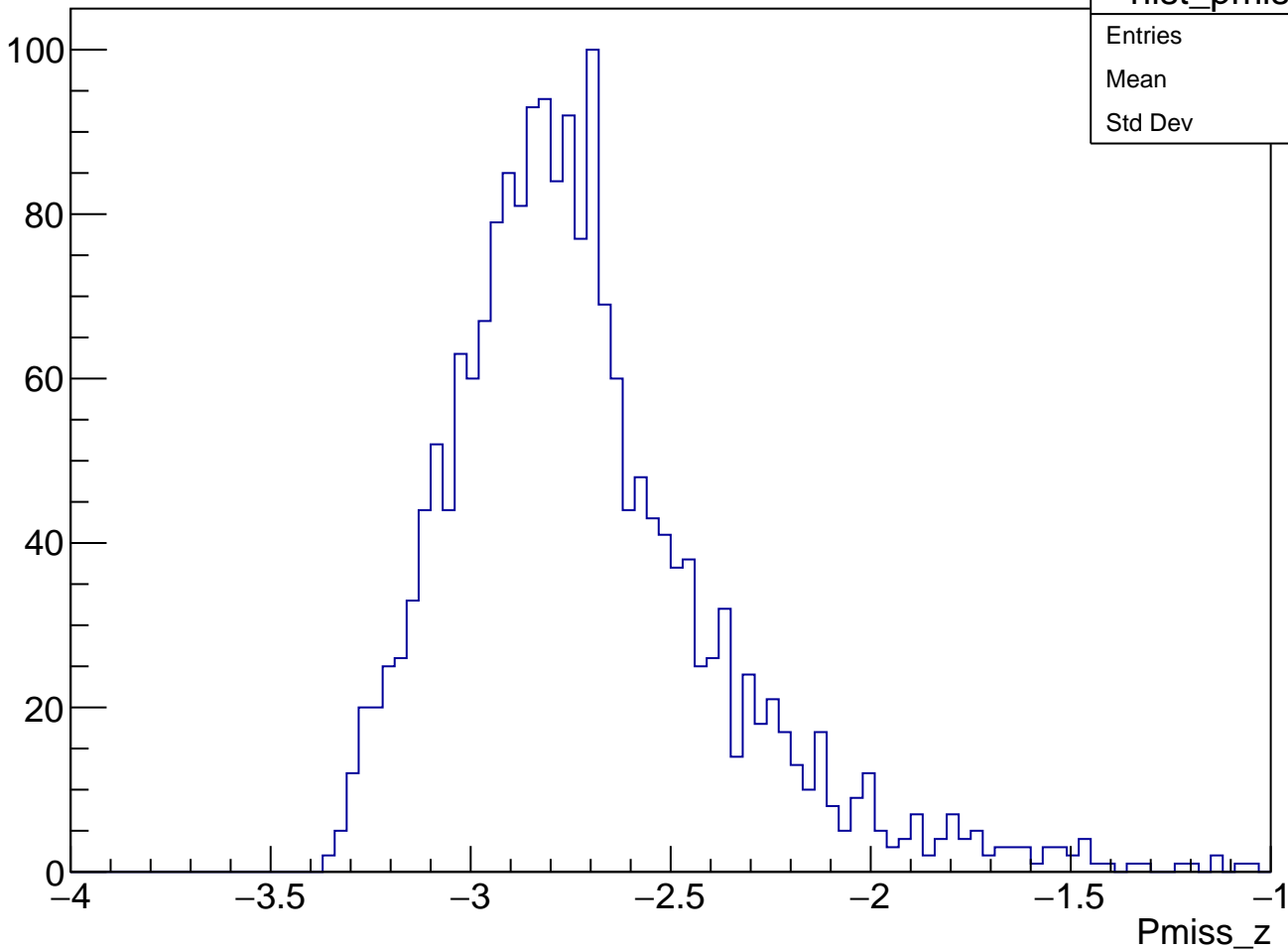
Entries 3075

Mean -0.001035

Std Dev 0.04362

Run 6837: NPS.kin.secondary.pmiss_z

Counts



hist_pmiss_z

Entries 3075

Mean -2.719

Std Dev 0.3427

Run 6837: NPS.kin.secondary.pmiss

Counts

120

100

80

60

40

20

0

0

0.5

1

1.5

2

2.5

3

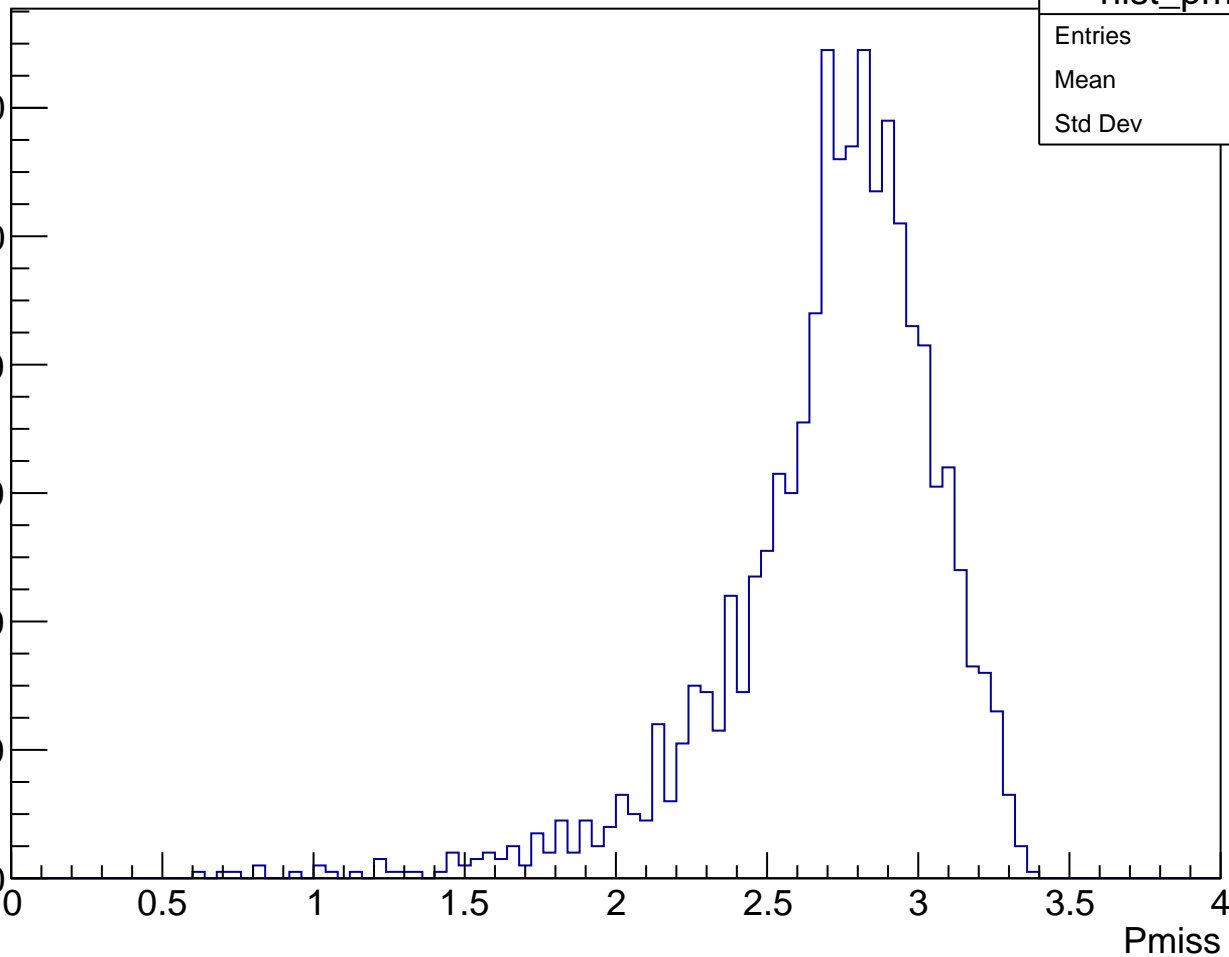
3.5

4

Pmiss

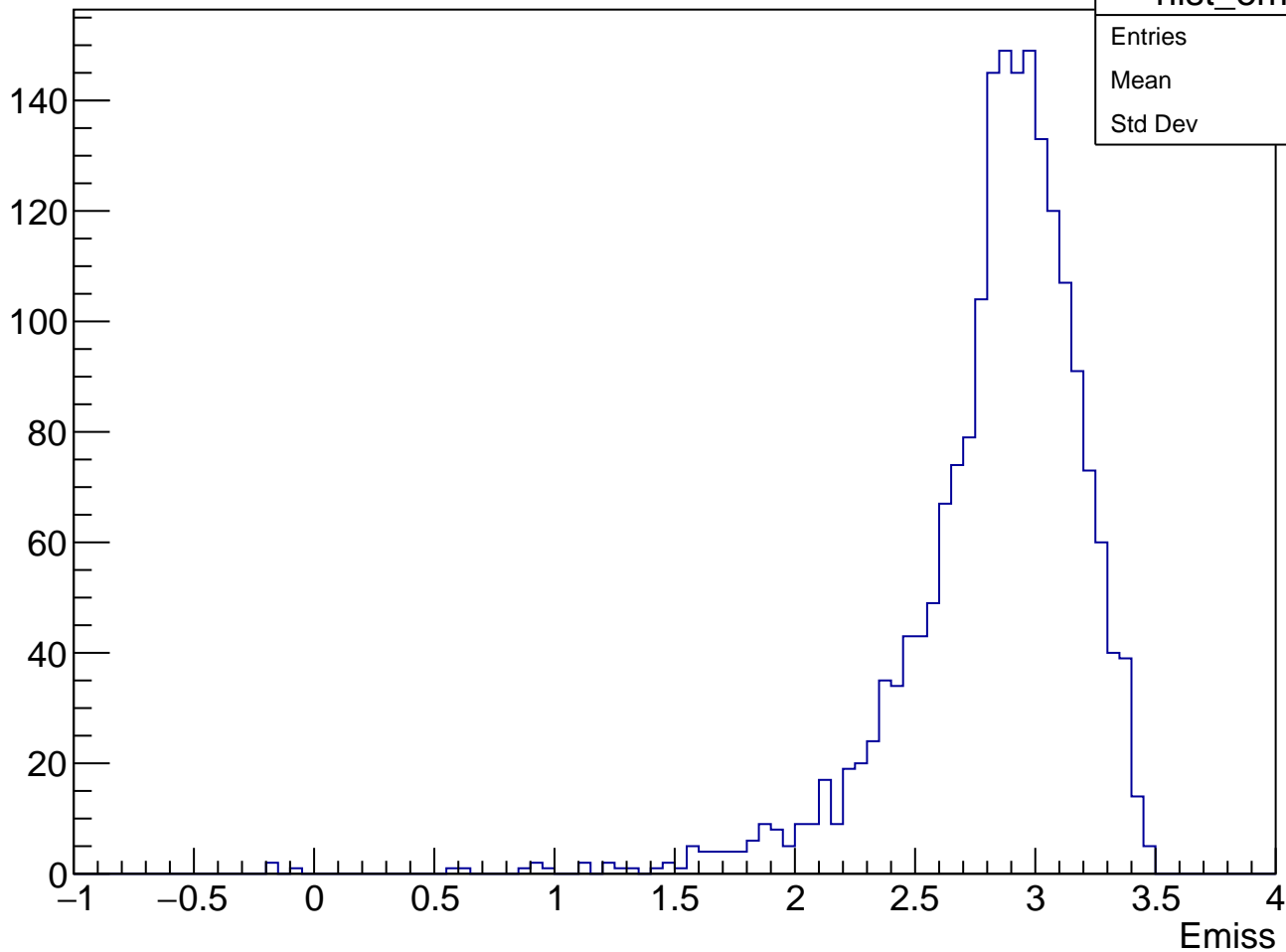
hist_pmiss

Entries	3075
Mean	2.713
Std Dev	0.3597

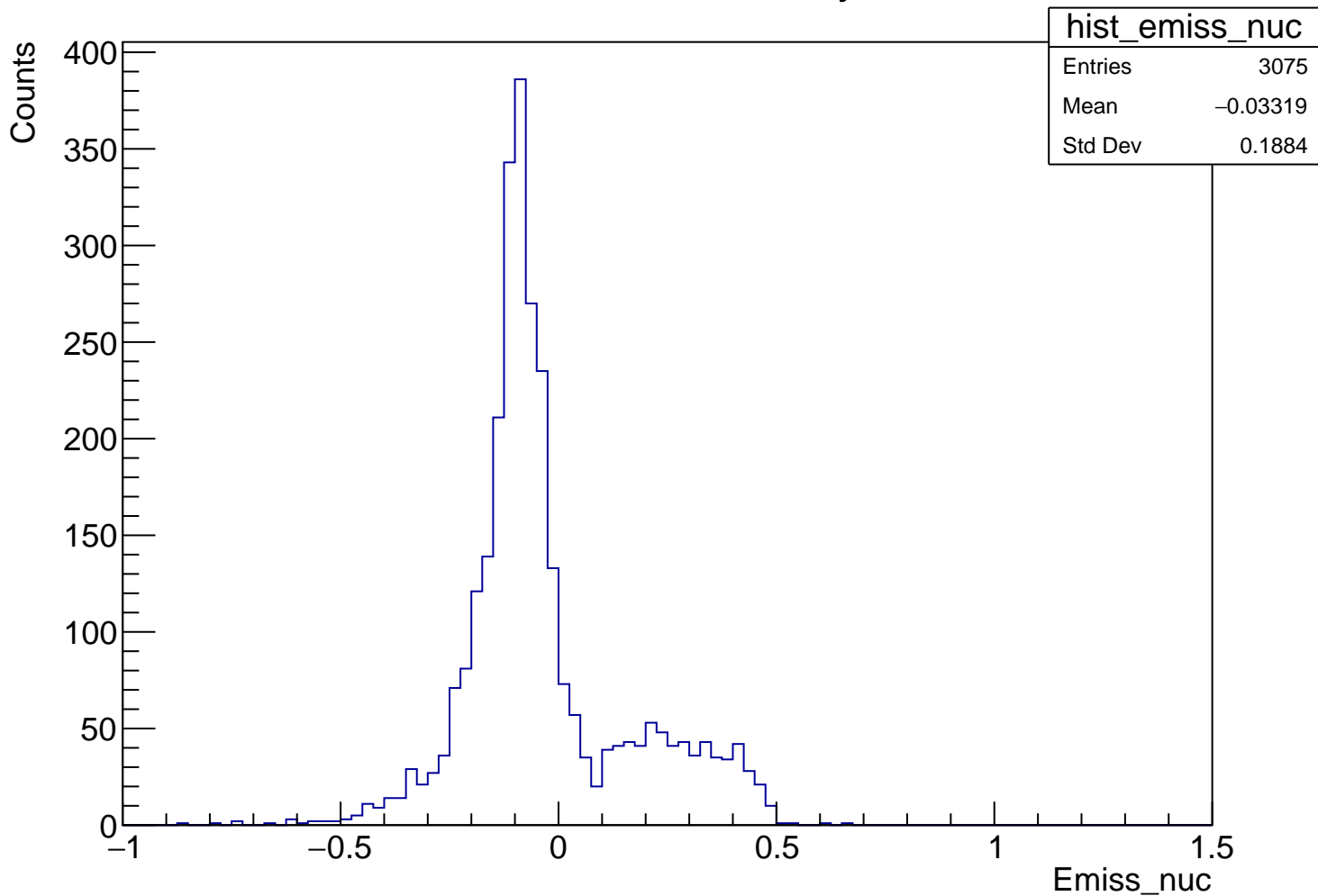


Run 6837: NPS.kin.secondary.emiss

Counts

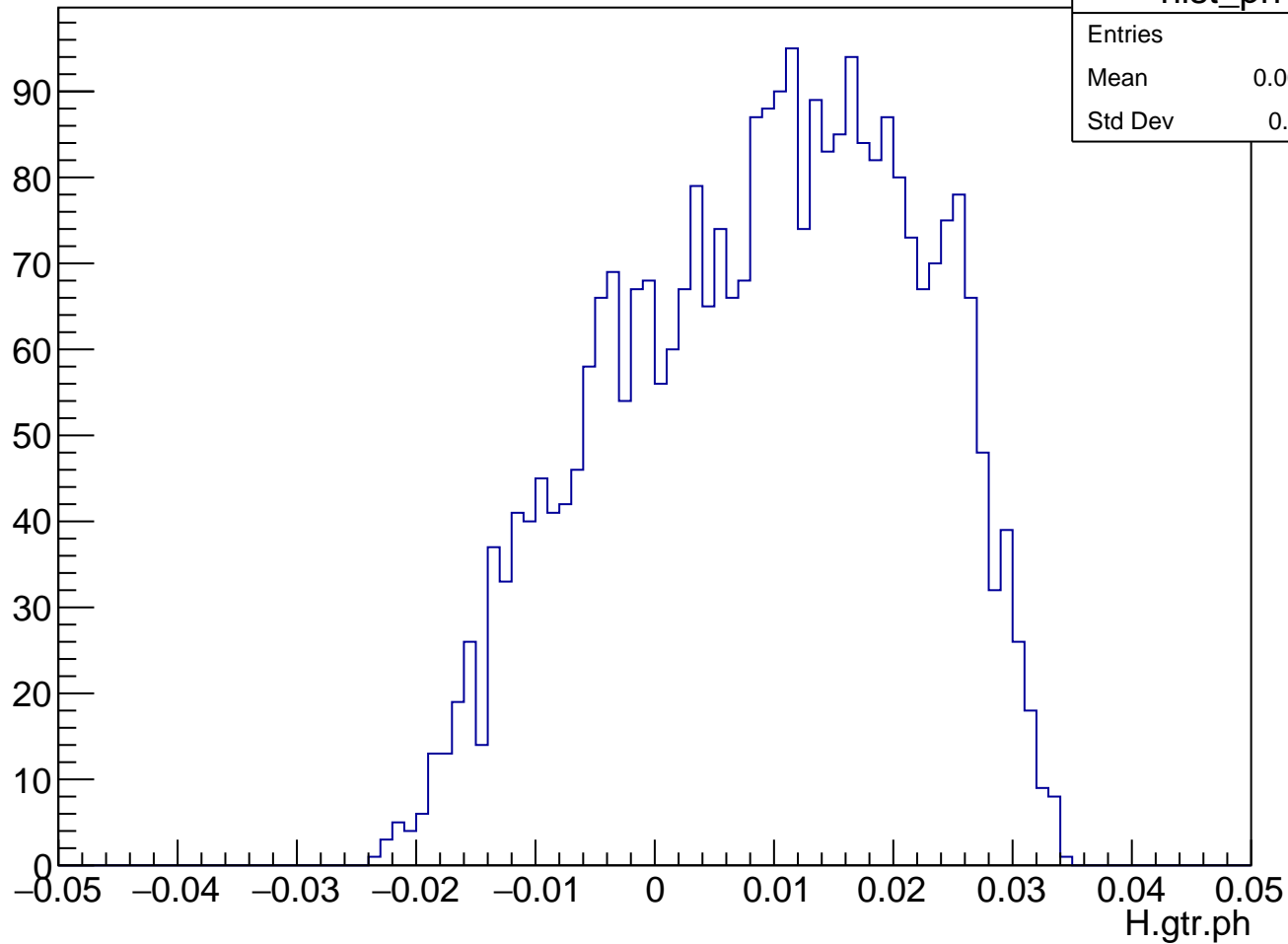


Run 6837: NPS.kin.secondary.emiss_nuc



Run 6837: H.gtr.ph

Counts



hist_ph

Entries 3075

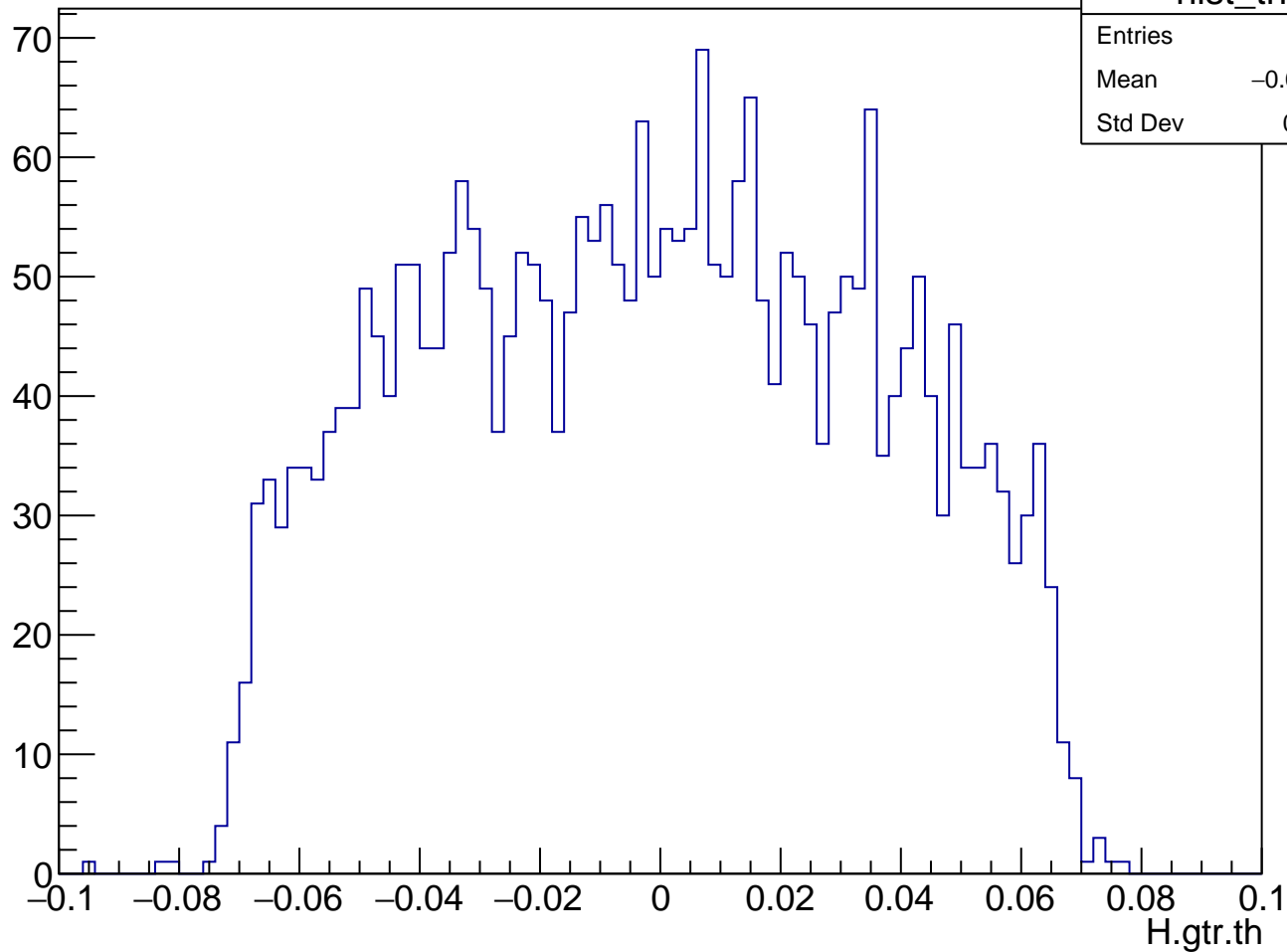
Mean 0.009067

Std Dev 0.01253

H.gtr.ph

Run 6837: H.gtr.th

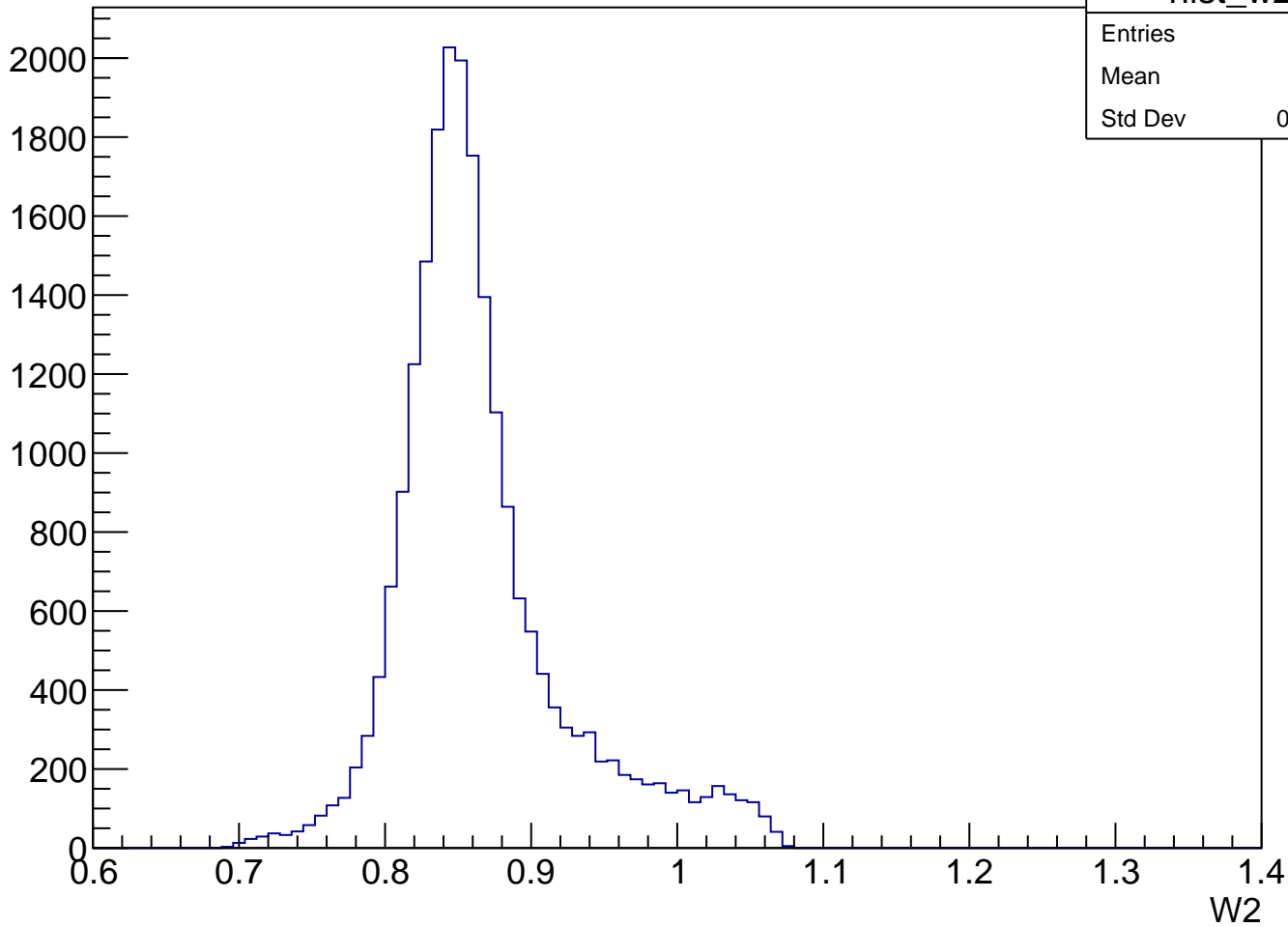
Counts



H.gtr.th

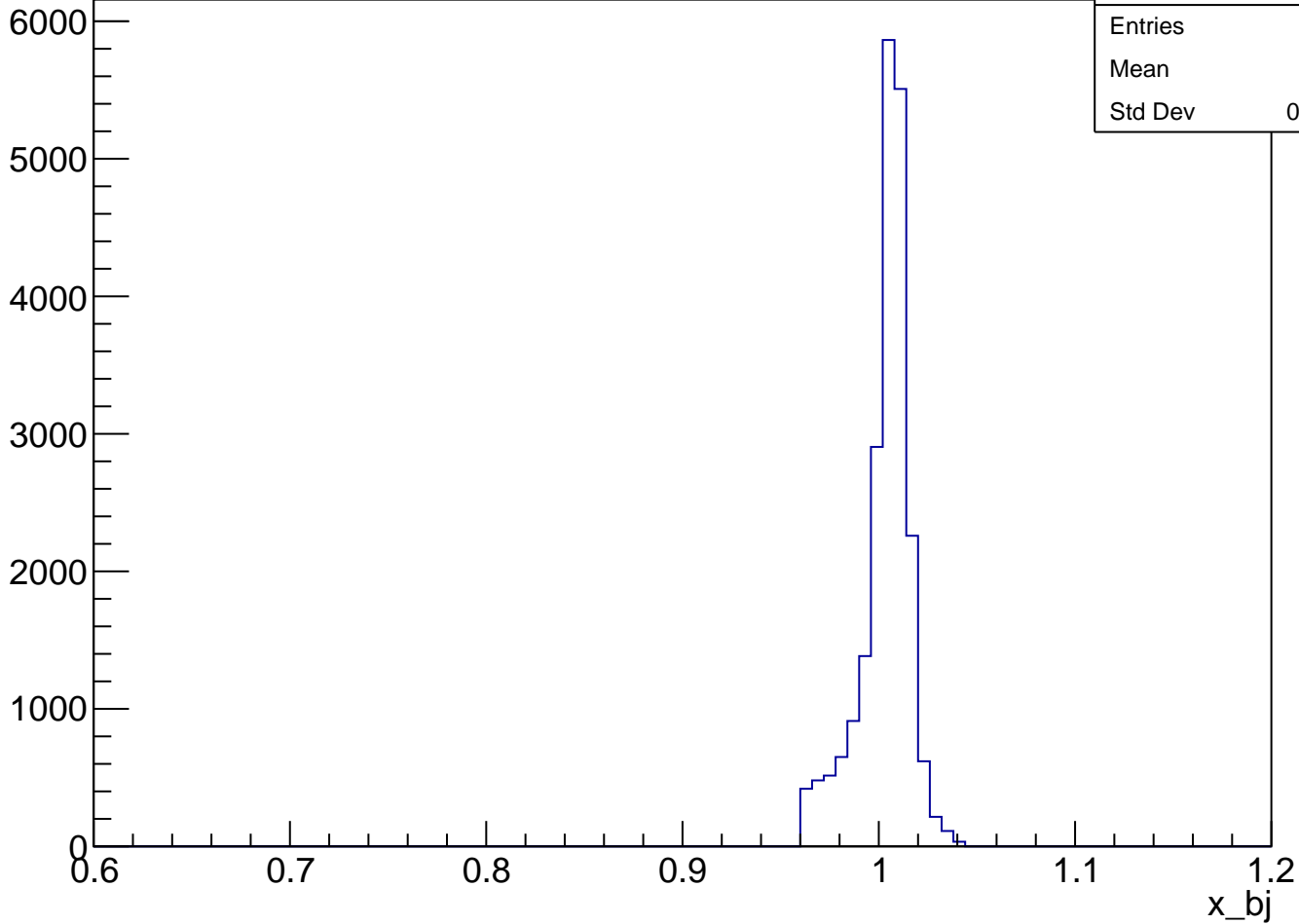
Run 6838: H.kin.W2

Counts

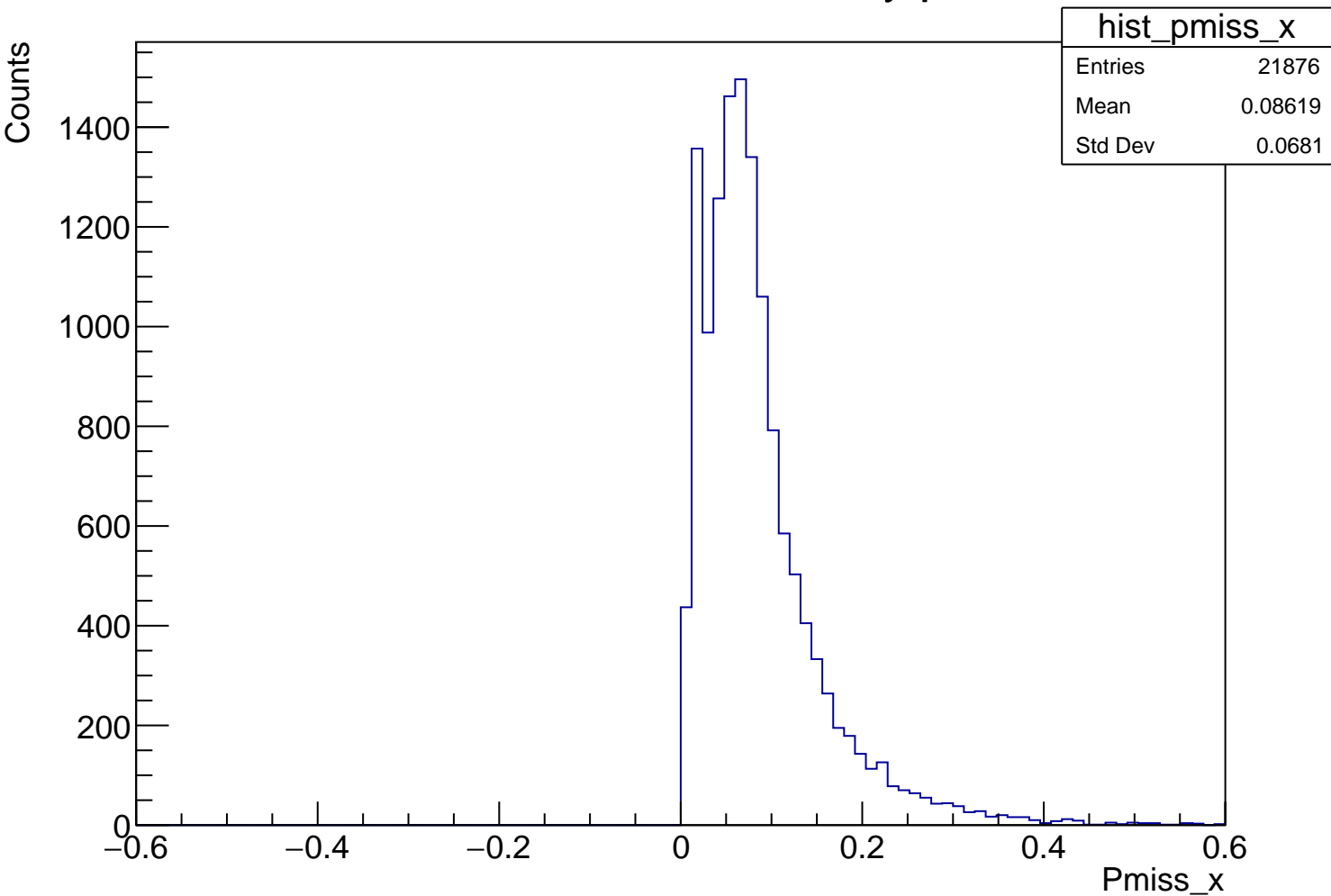


Run 6838: H.kin.x_bj

Counts

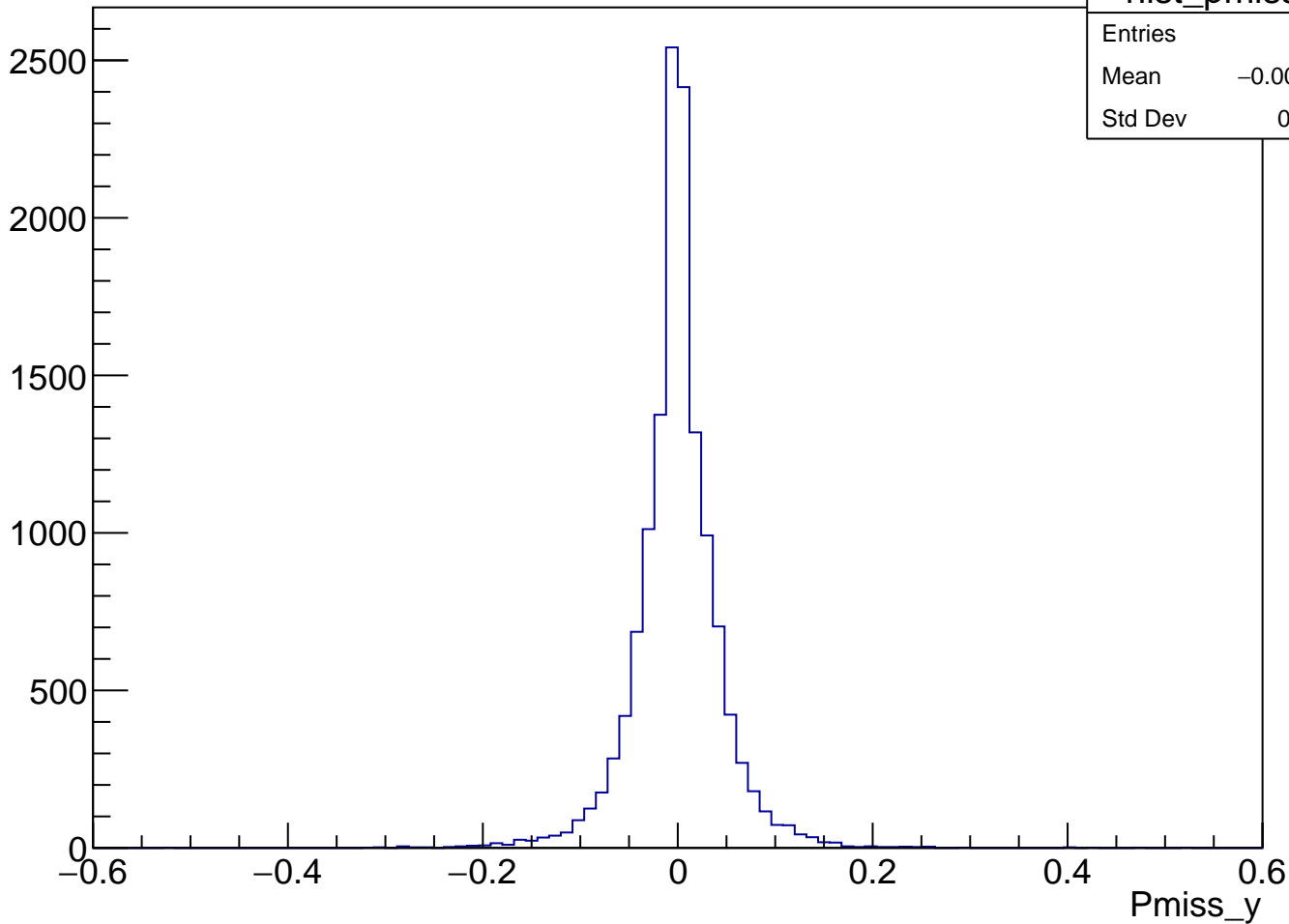


Run 6838: NPS.kin.secondary.pmiss_x

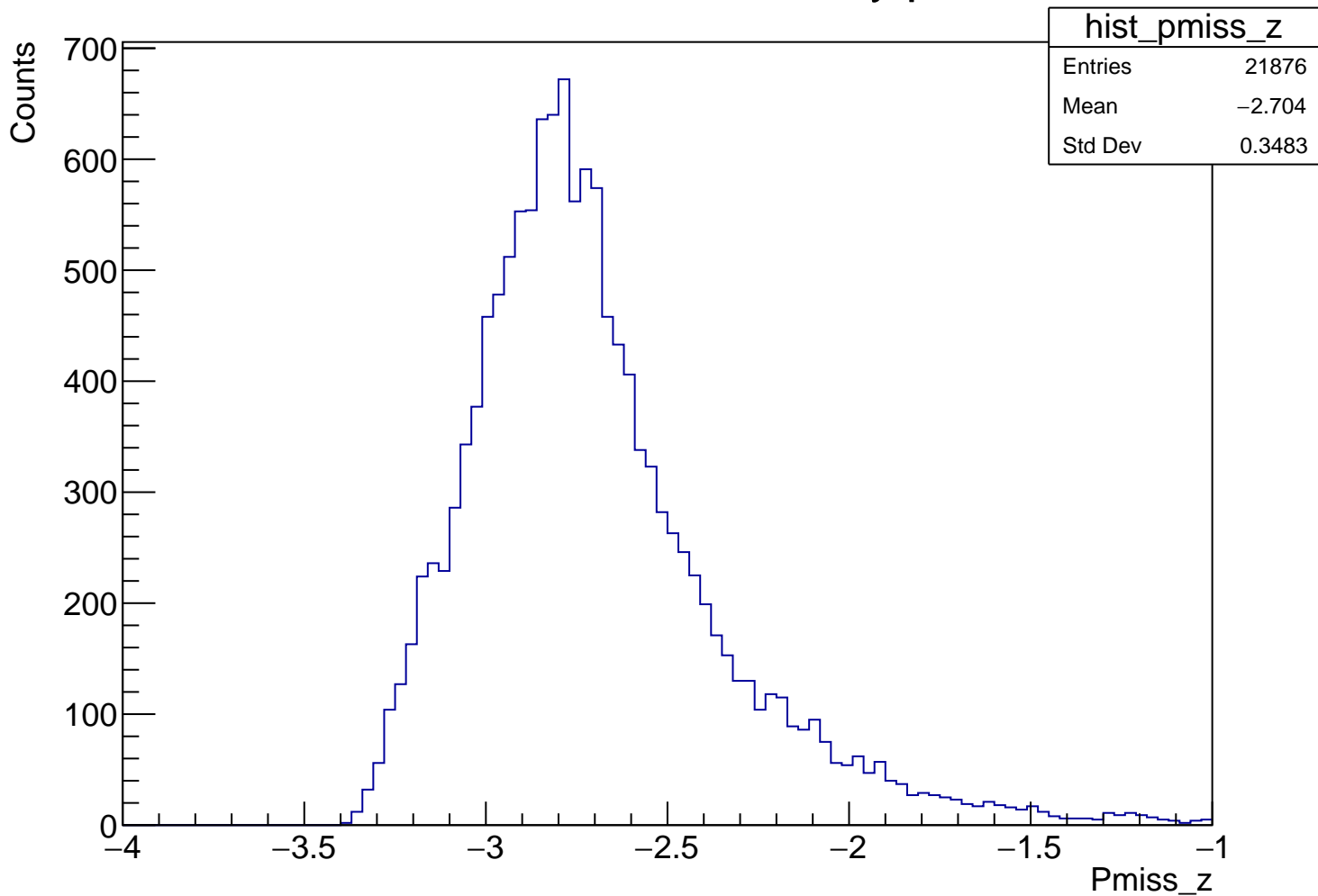


Run 6838: NPS.kin.secondary.pmiss_y

Counts

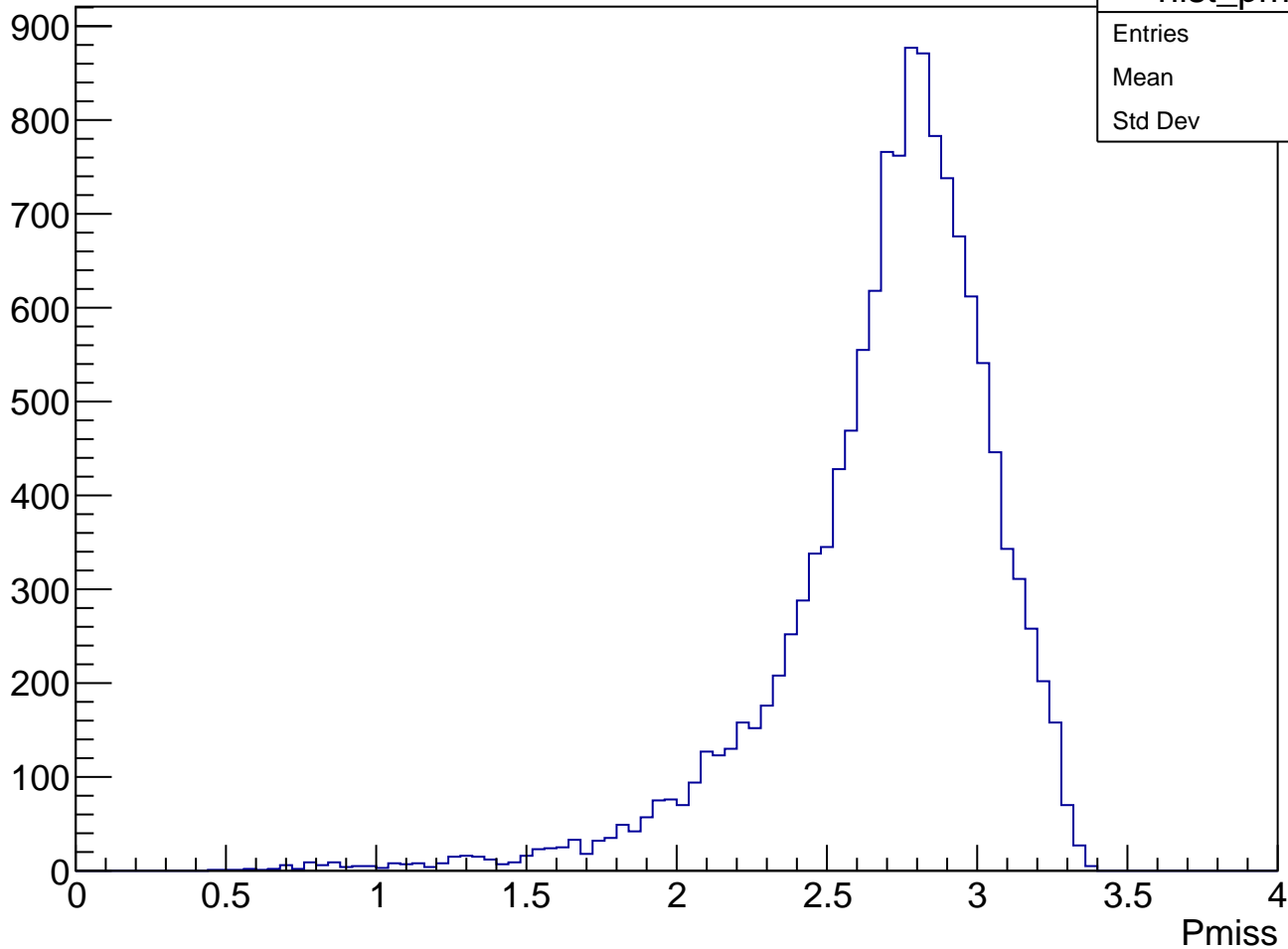


Run 6838: NPS.kin.secondary.pmiss_z



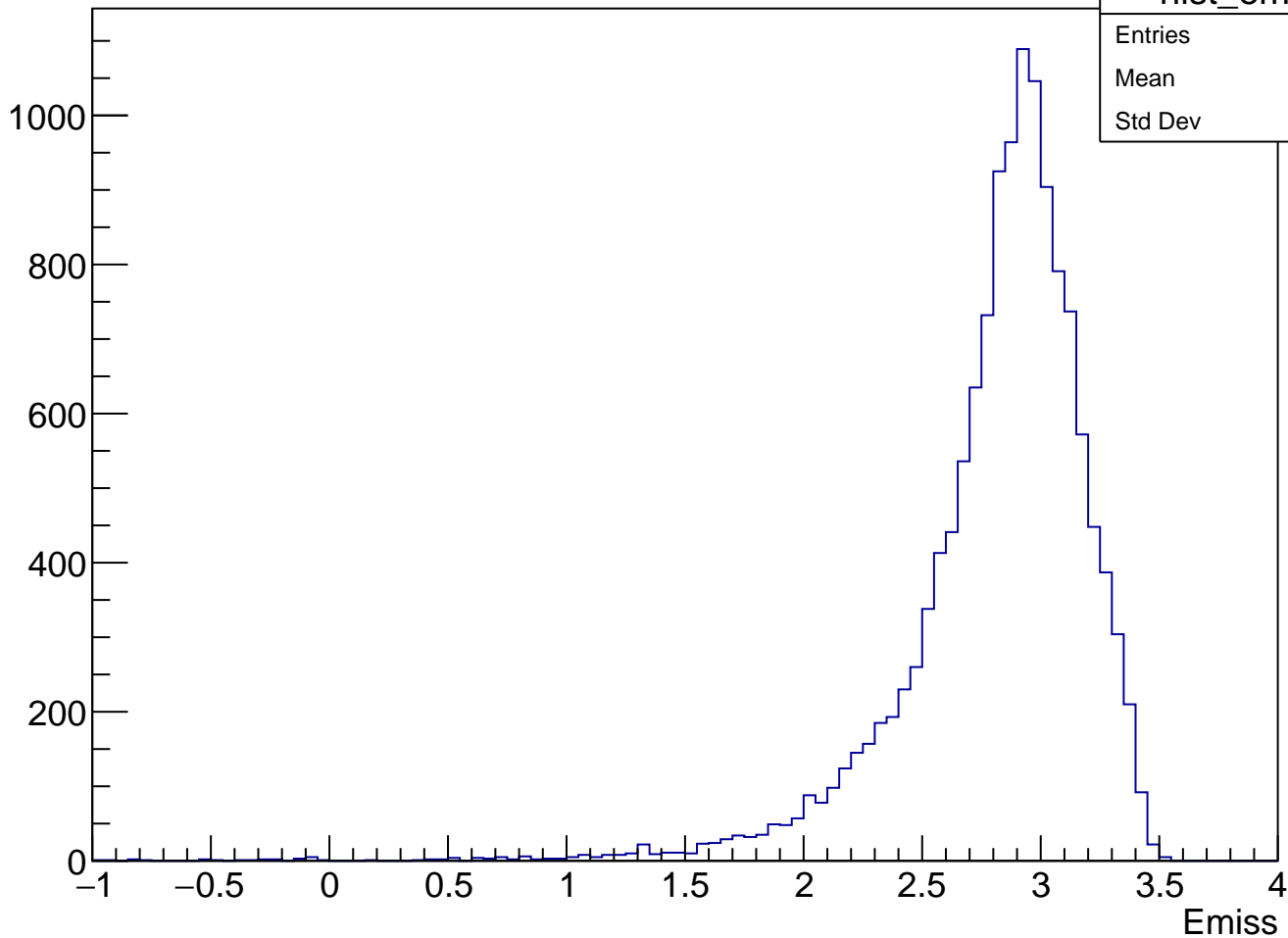
Run 6838: NPS.kin.secondary.pmiss

Counts



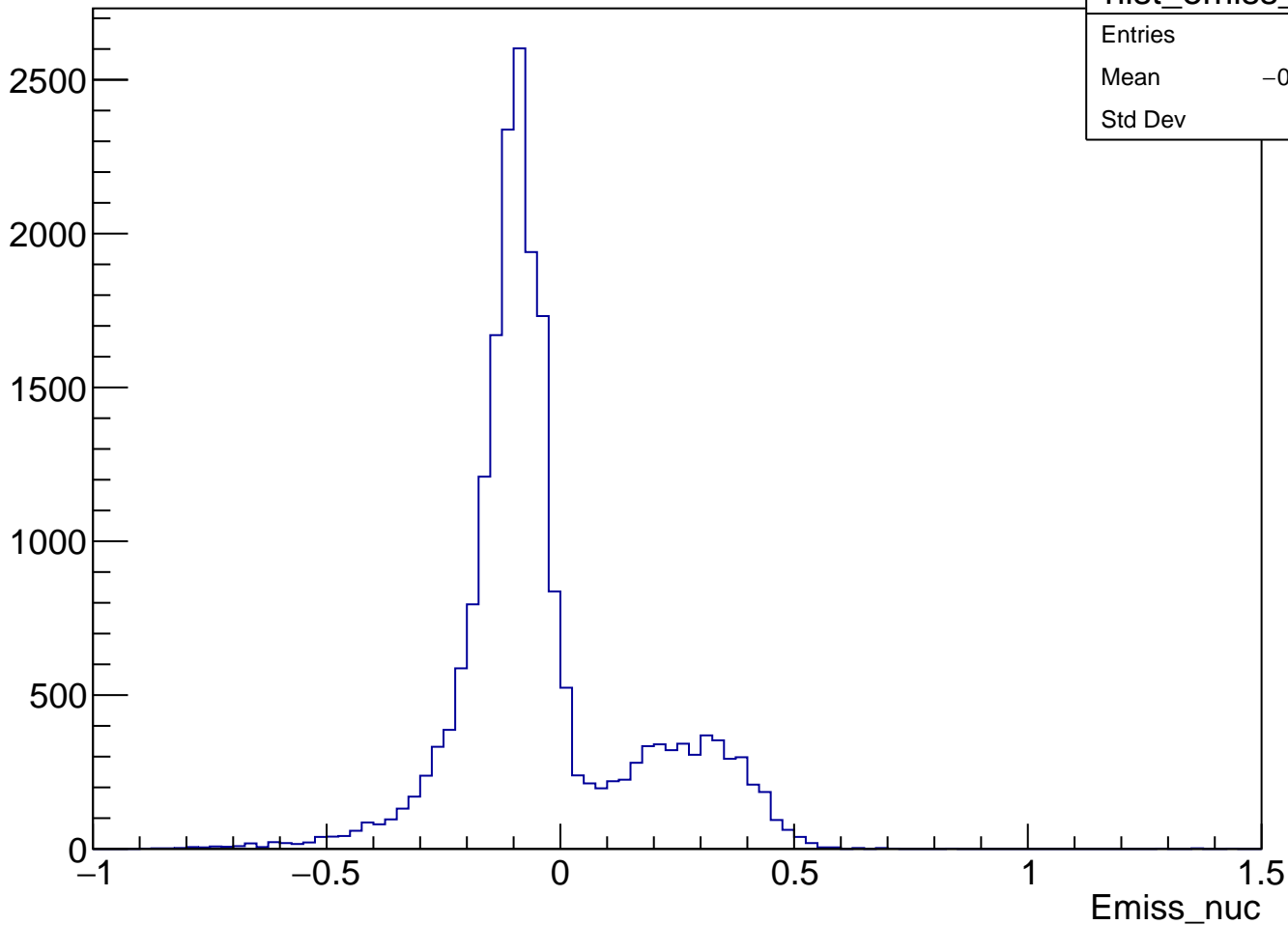
Run 6838: NPS.kin.secondary.emiss

Counts



Run 6838: NPS.kin.secondary.emiss_nuc

Counts



Emiss_nuc

Run 6838: H.gtr.ph

Counts

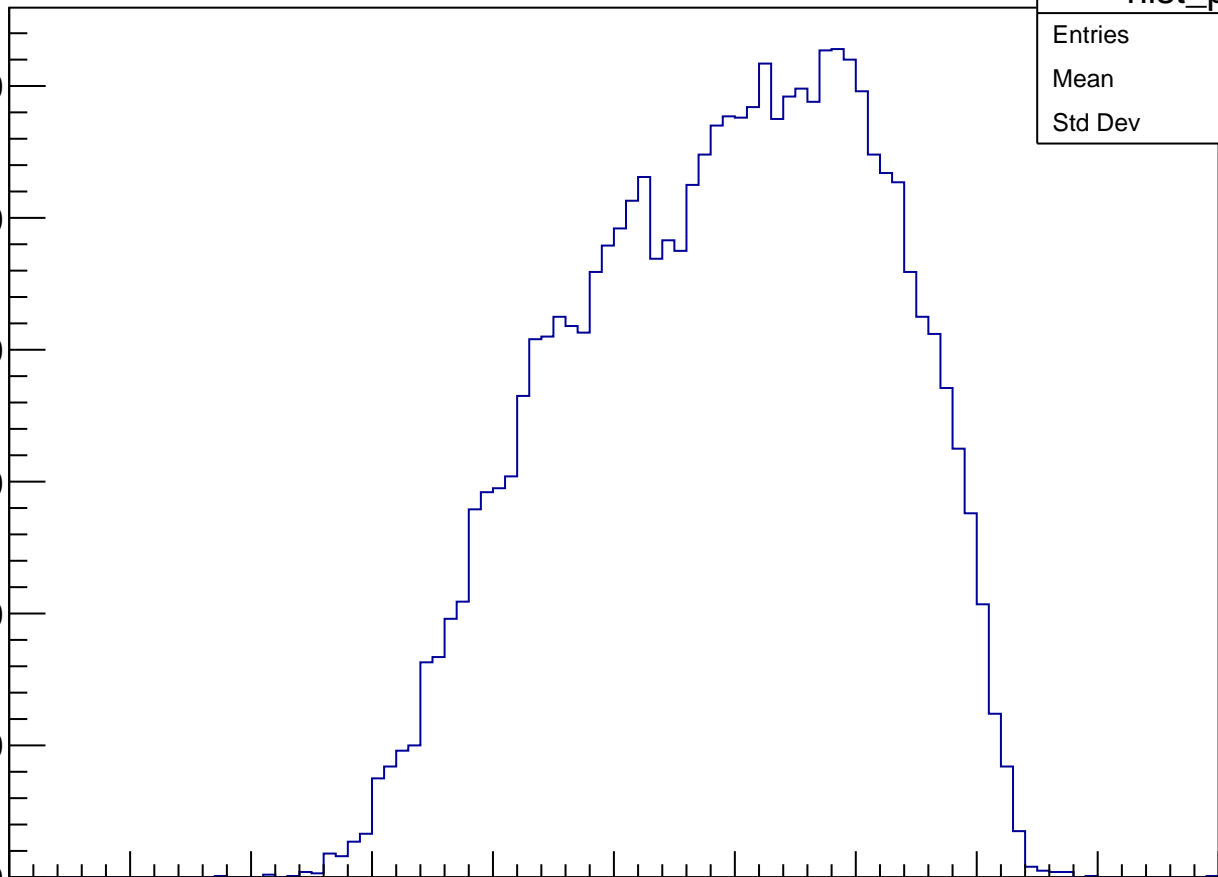
600
500
400
300
200
100
0

-0.05 -0.04 -0.03 -0.02 -0.01 0 0.01 0.02 0.03 0.04 0.05

hist_ph

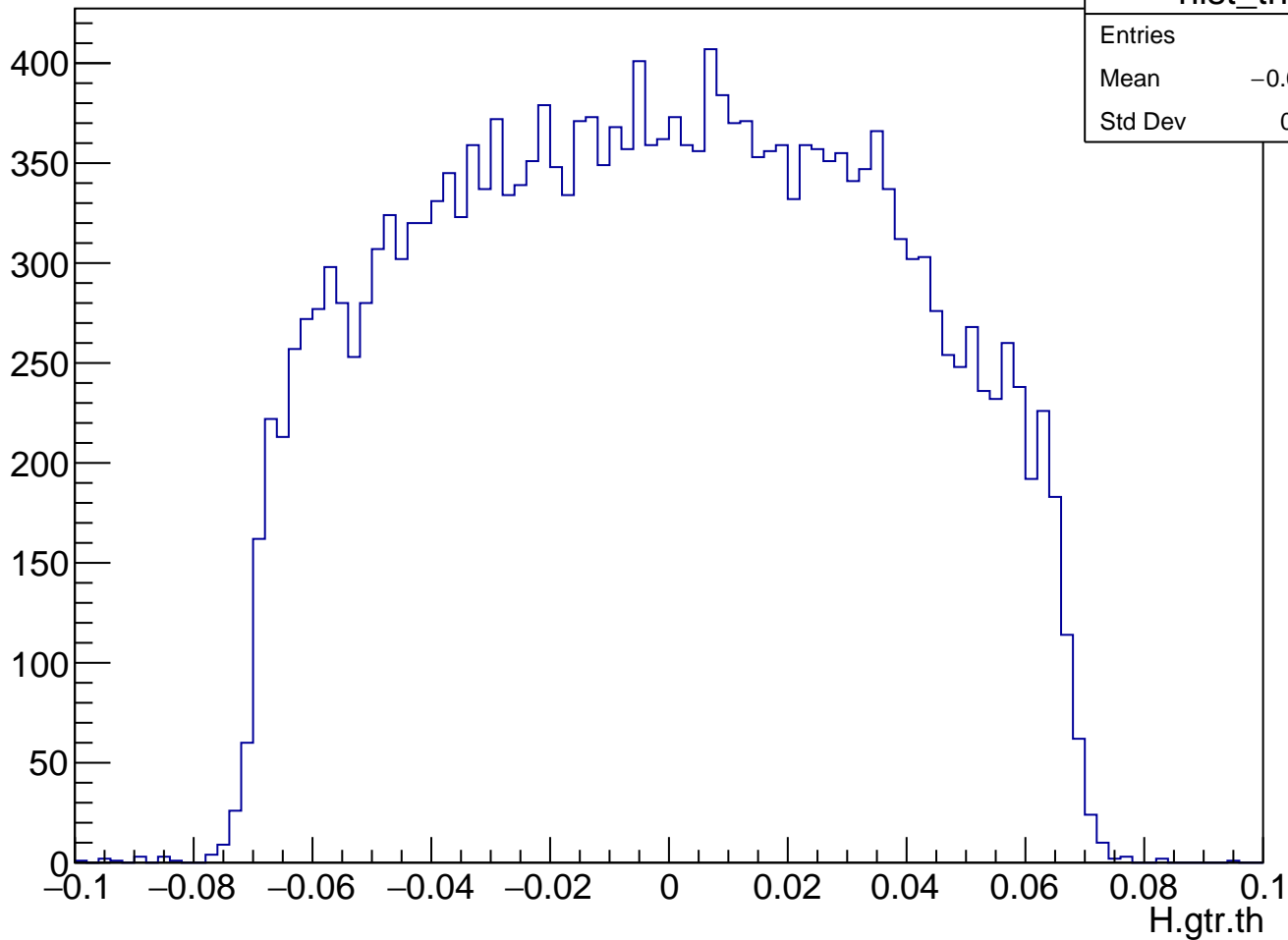
Entries	21876
Mean	0.009032
Std Dev	0.01259

H.gtr.ph



Run 6838: H.gtr.th

Counts

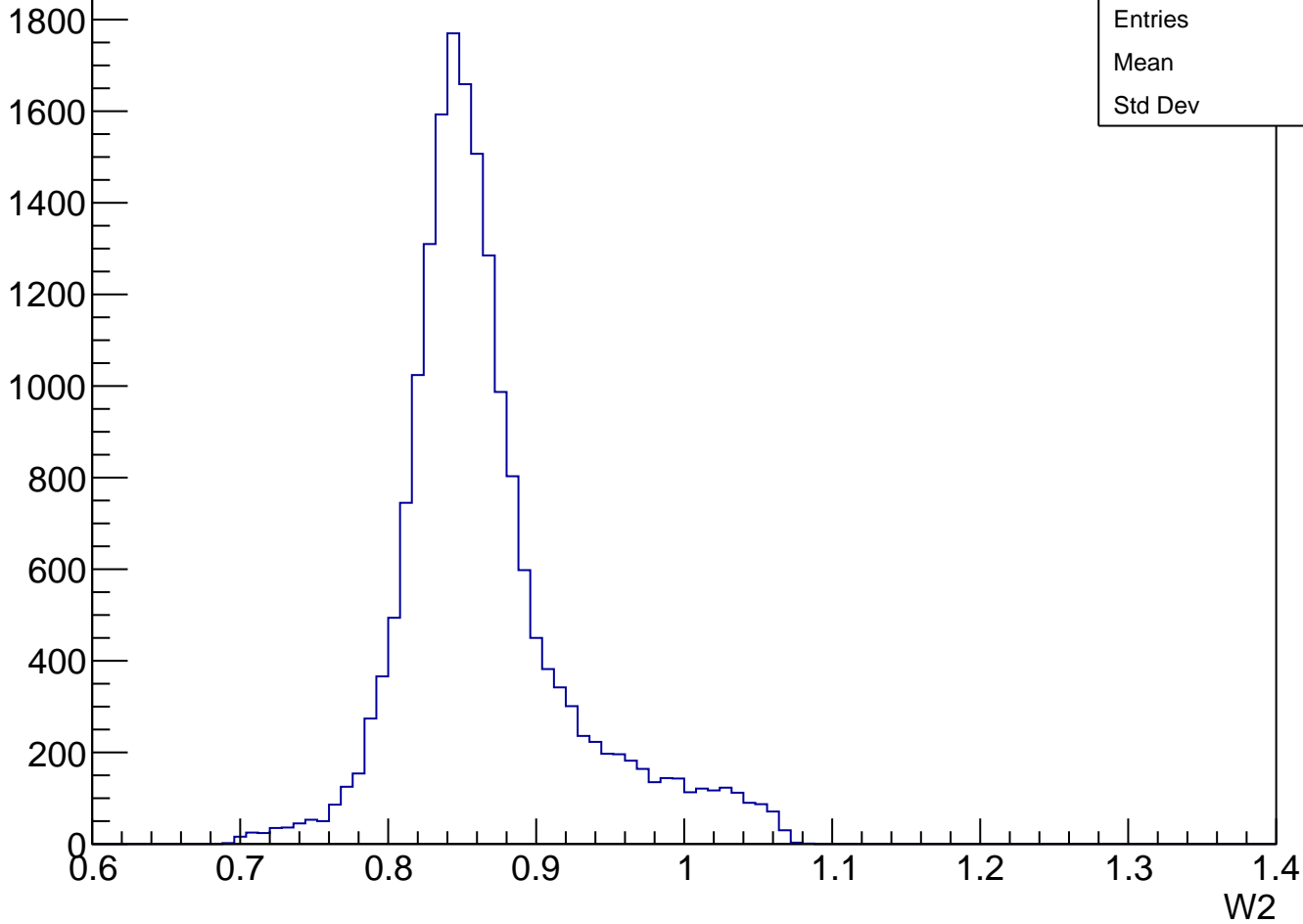


hist_th

Entries	21876
Mean	-0.002047
Std Dev	0.03699

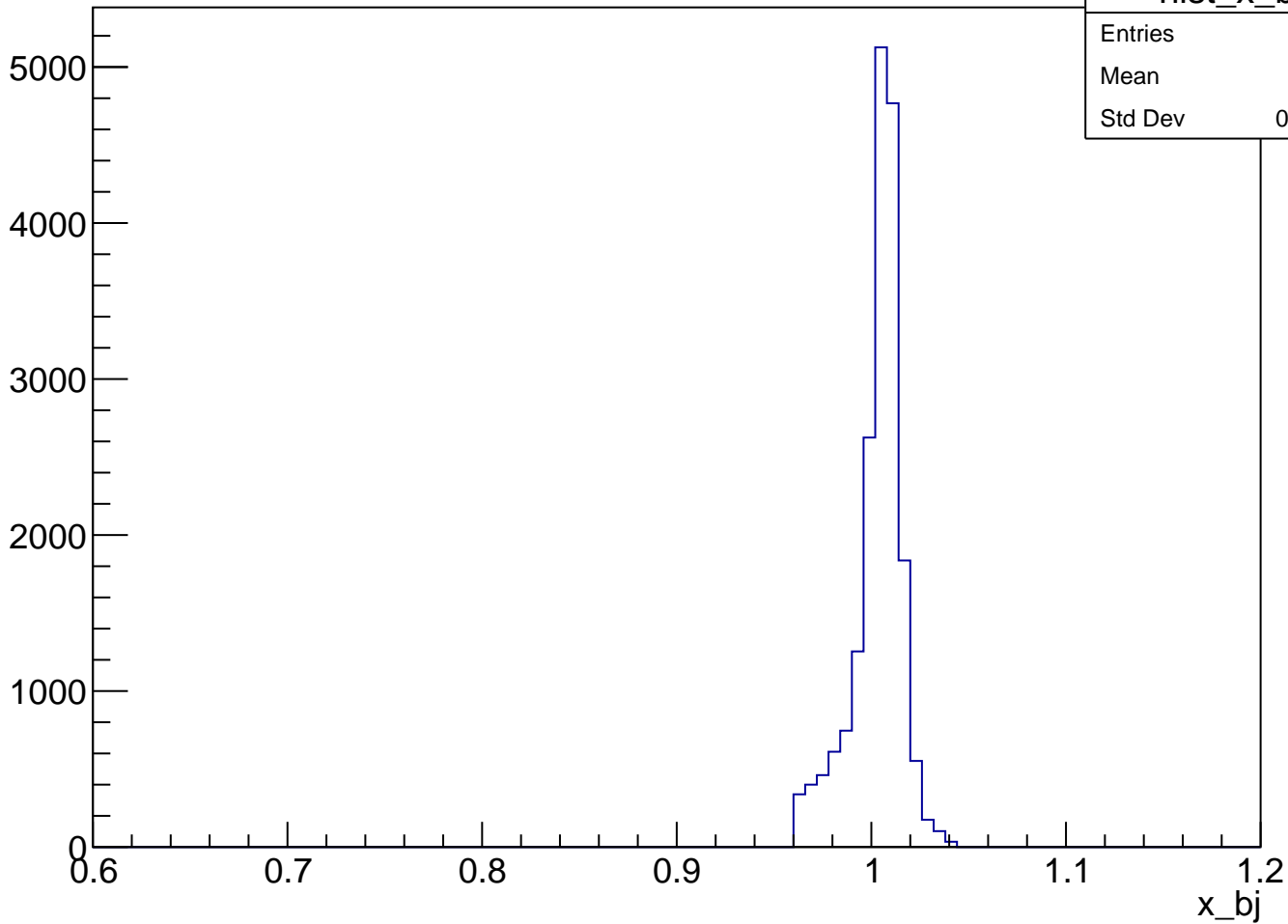
Run 6839: H.kin.W2

Counts

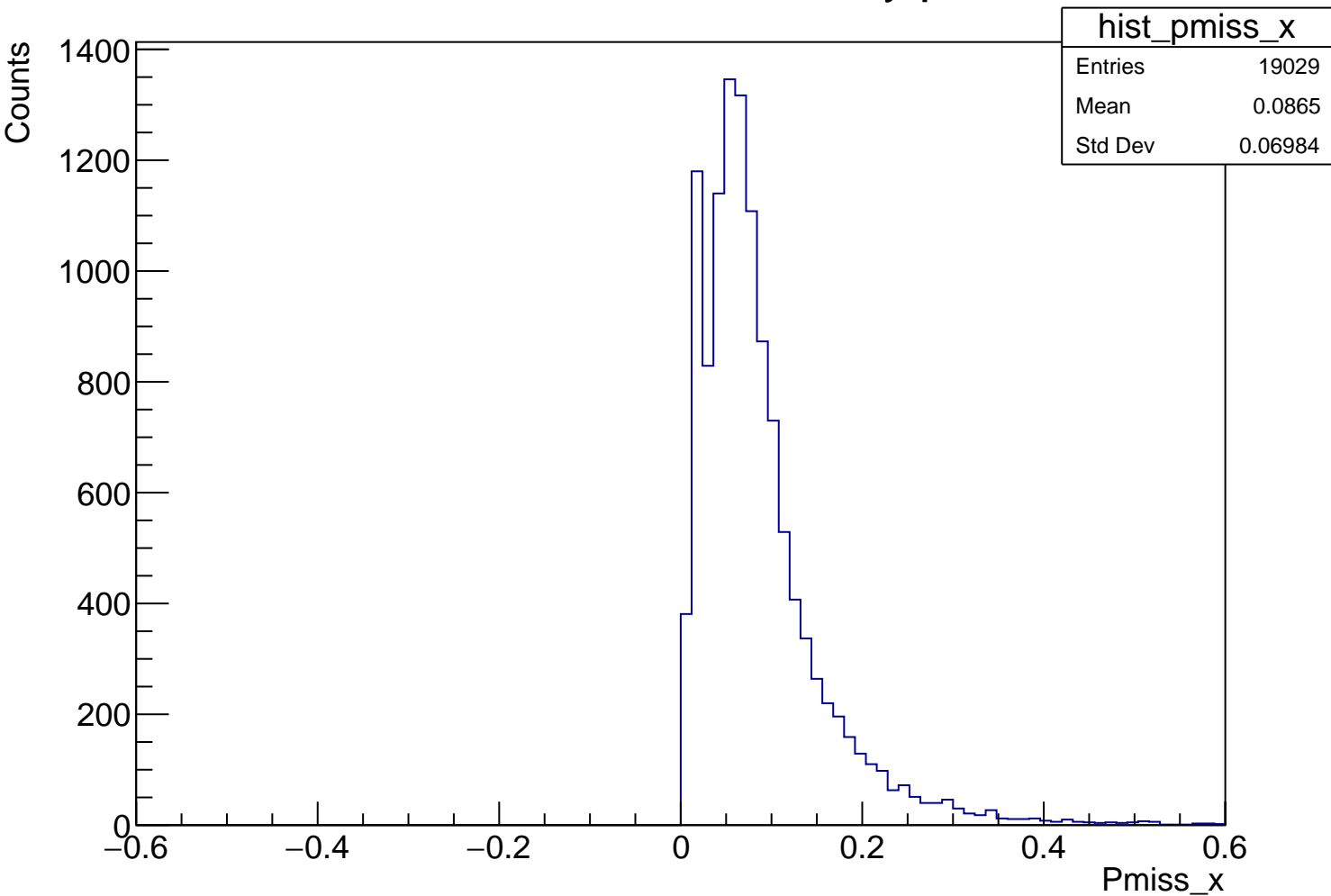


Run 6839: H.kin.x_bj

Counts

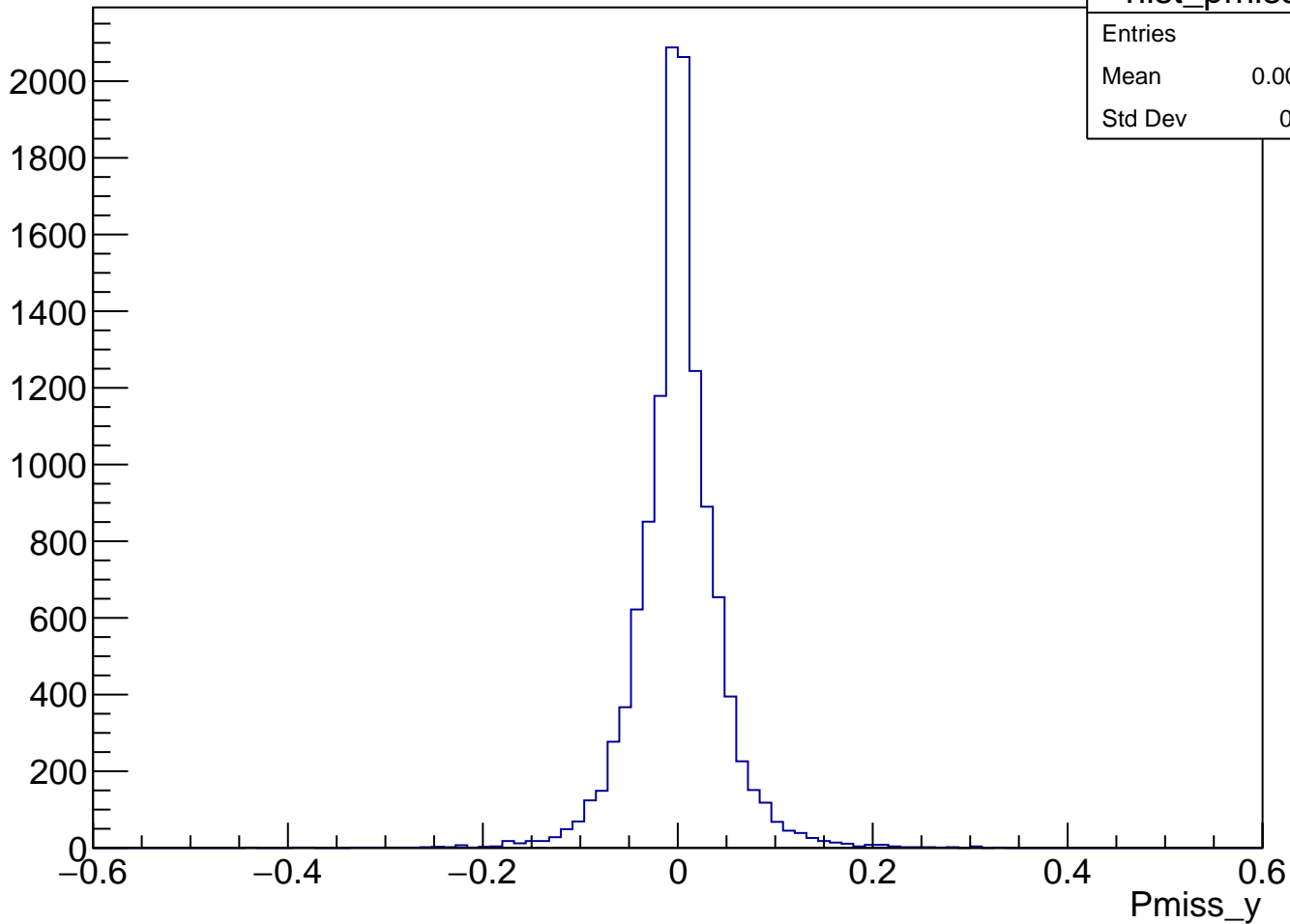


Run 6839: NPS.kin.secondary.pmiss_x



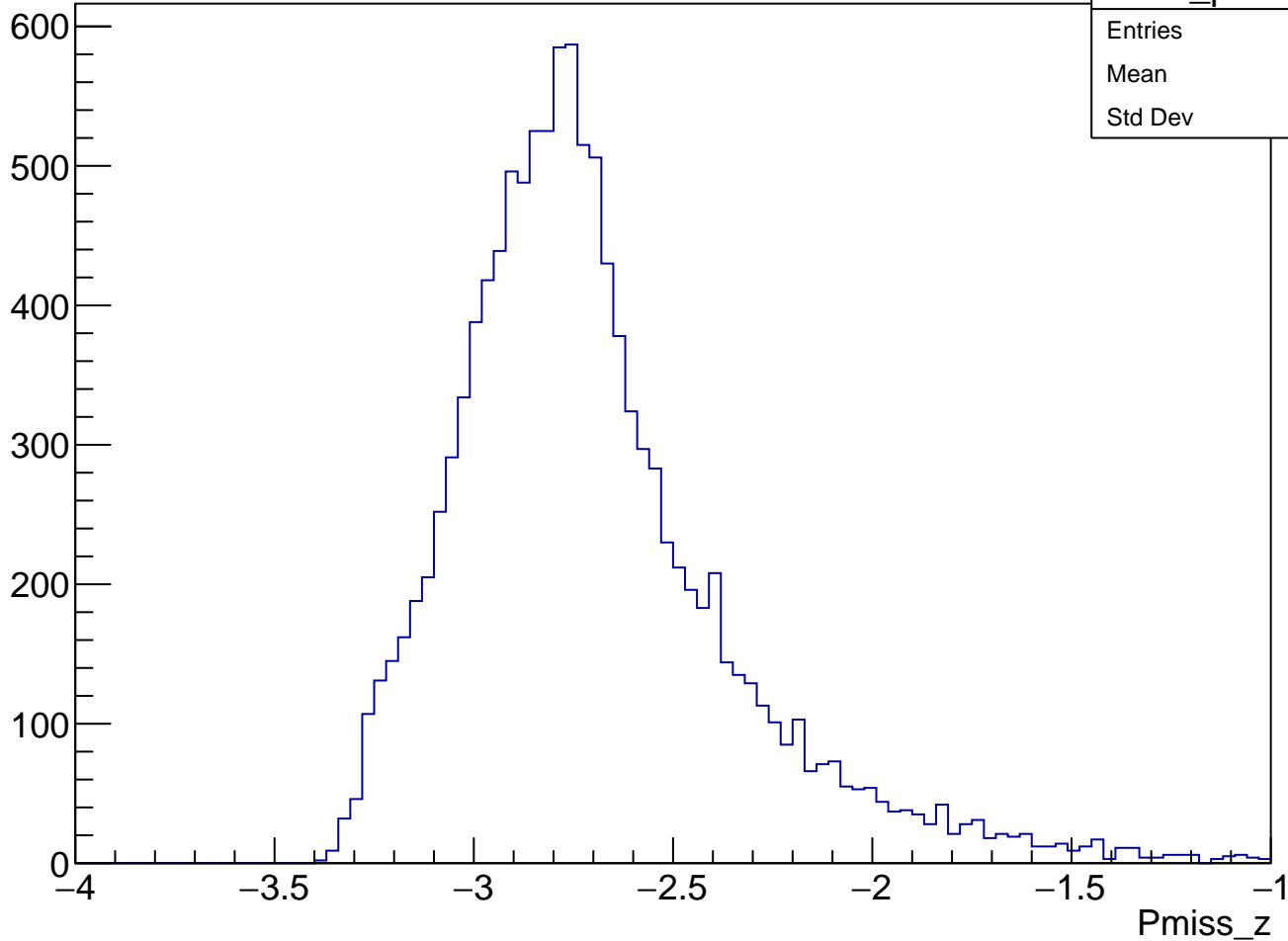
Run 6839: NPS.kin.secondary.pmiss_y

Counts



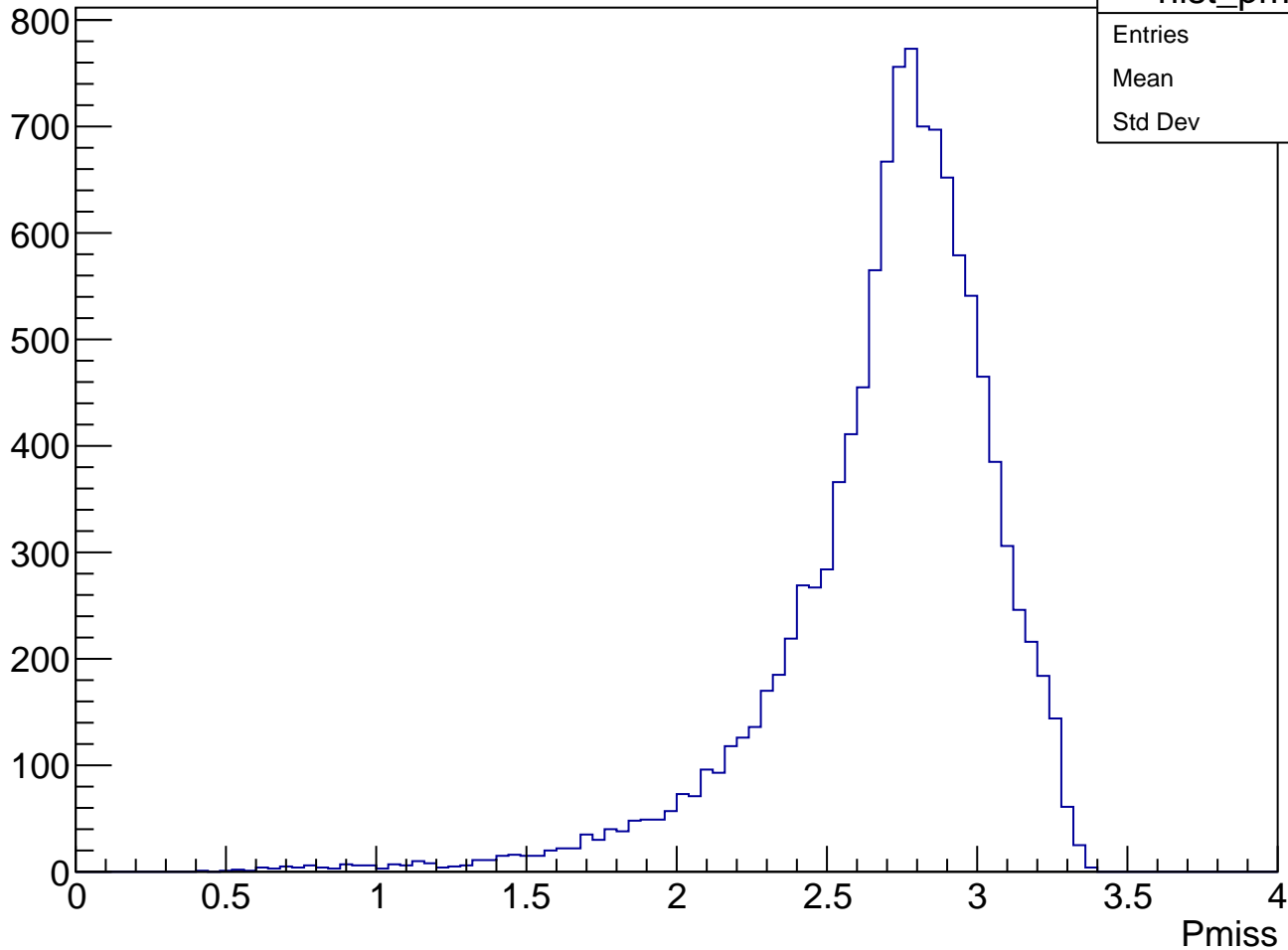
Run 6839: NPS.kin.secondary.pmiss_z

Counts



Run 6839: NPS.kin.secondary.pmiss

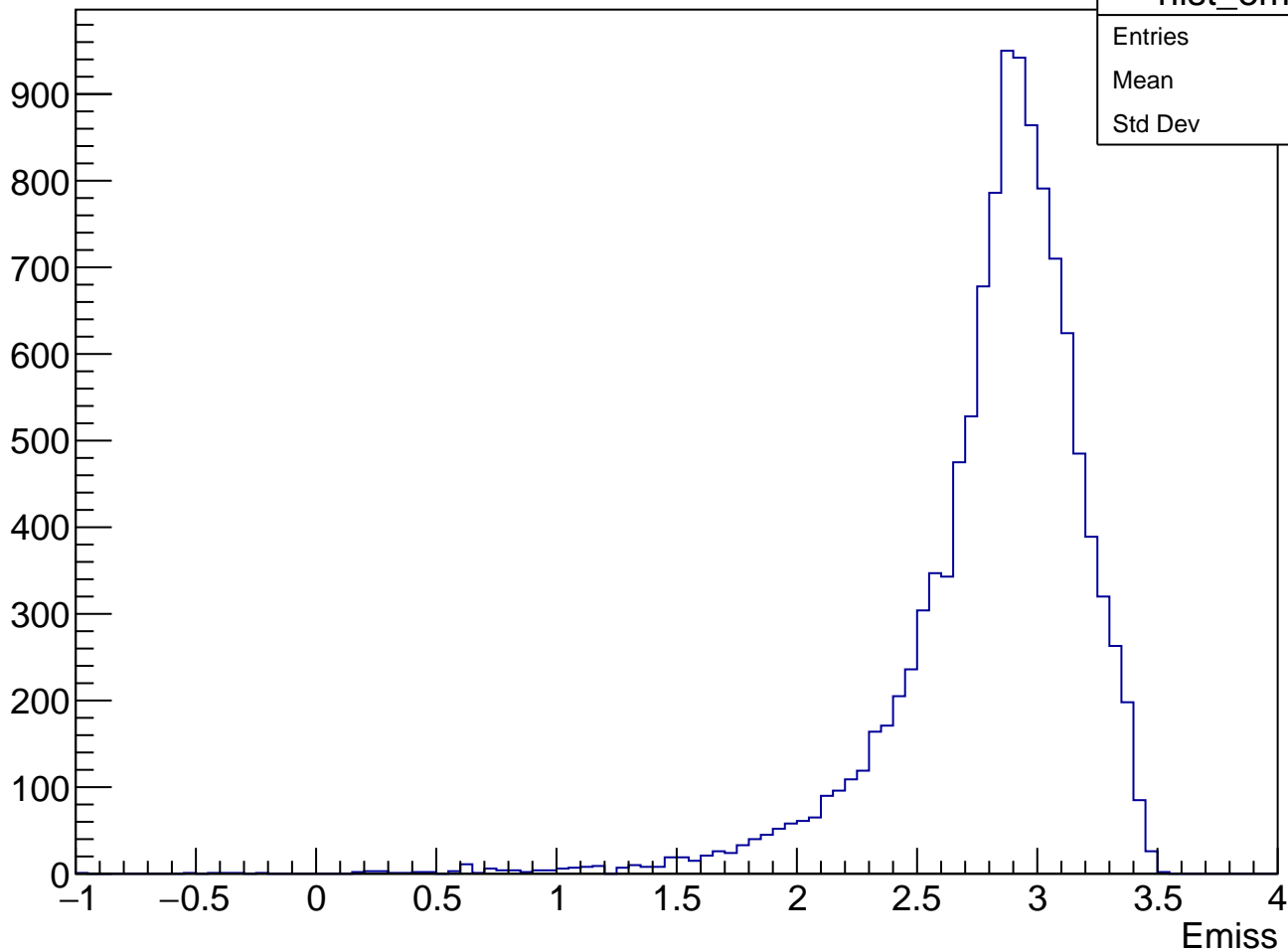
Counts



Pmiss

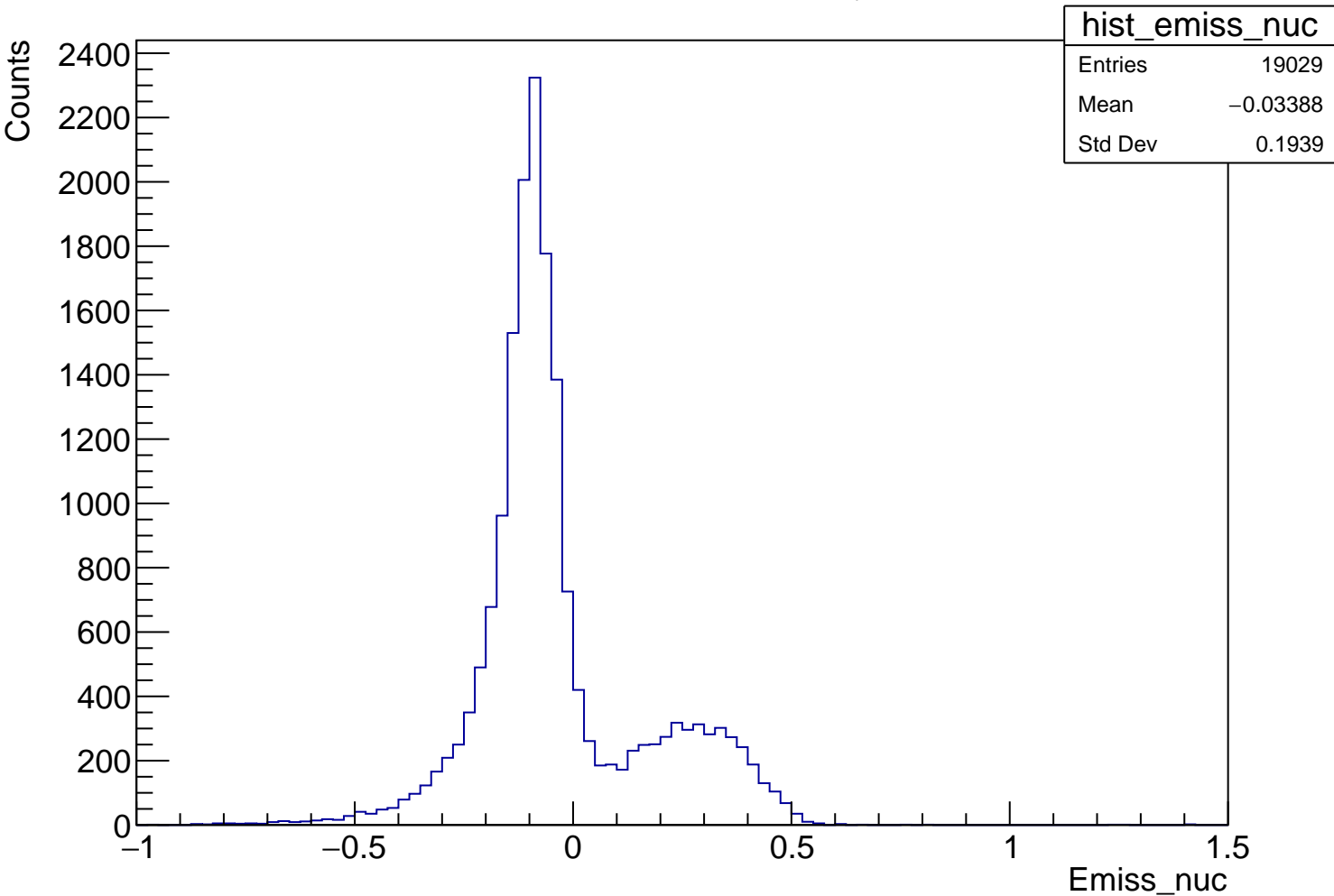
Run 6839: NPS.kin.secondary.emiss

Counts



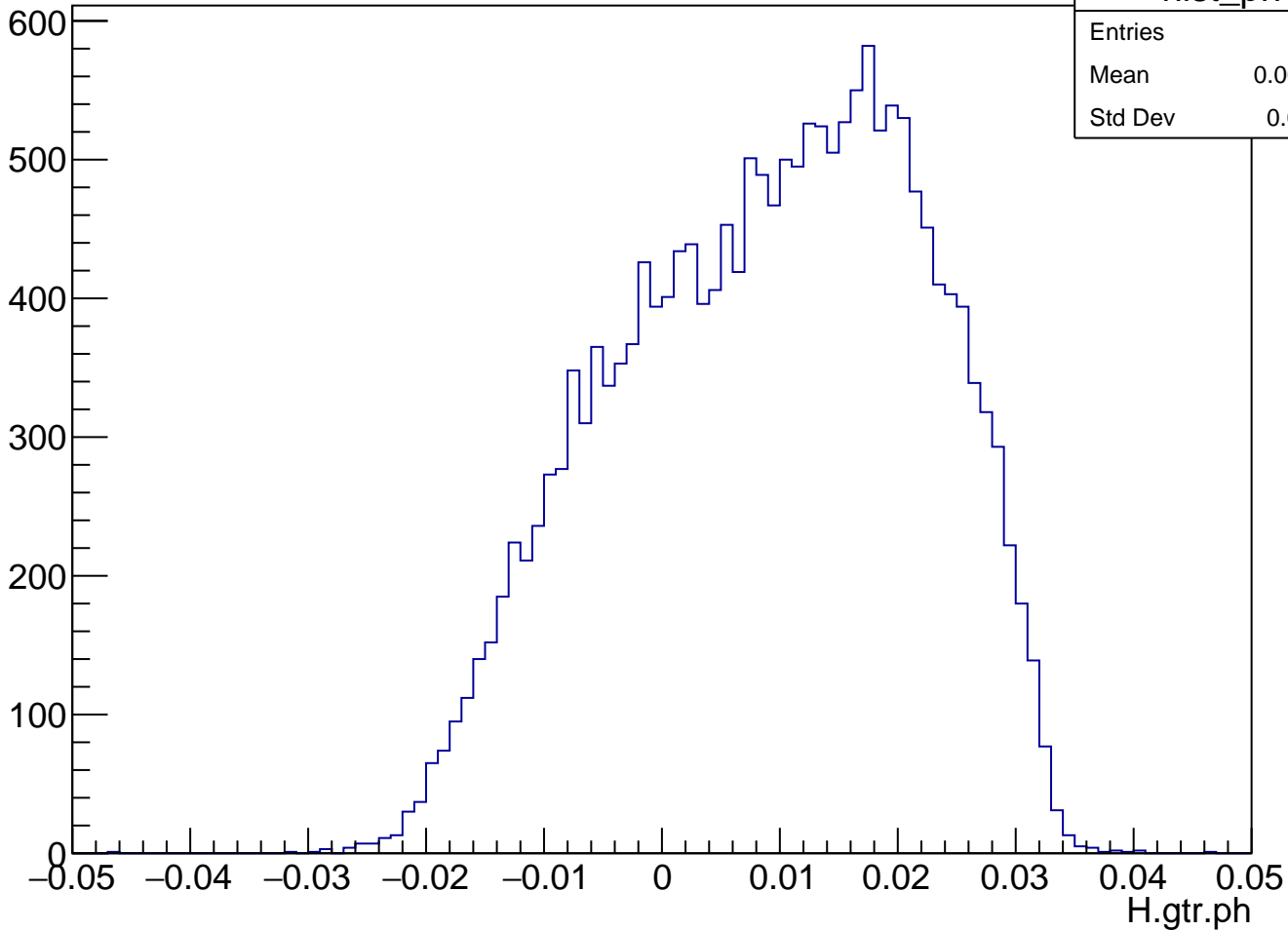
Emiss

Run 6839: NPS.kin.secondary.emiss_nuc



Run 6839: H.gtr.ph

Counts



hist_ph

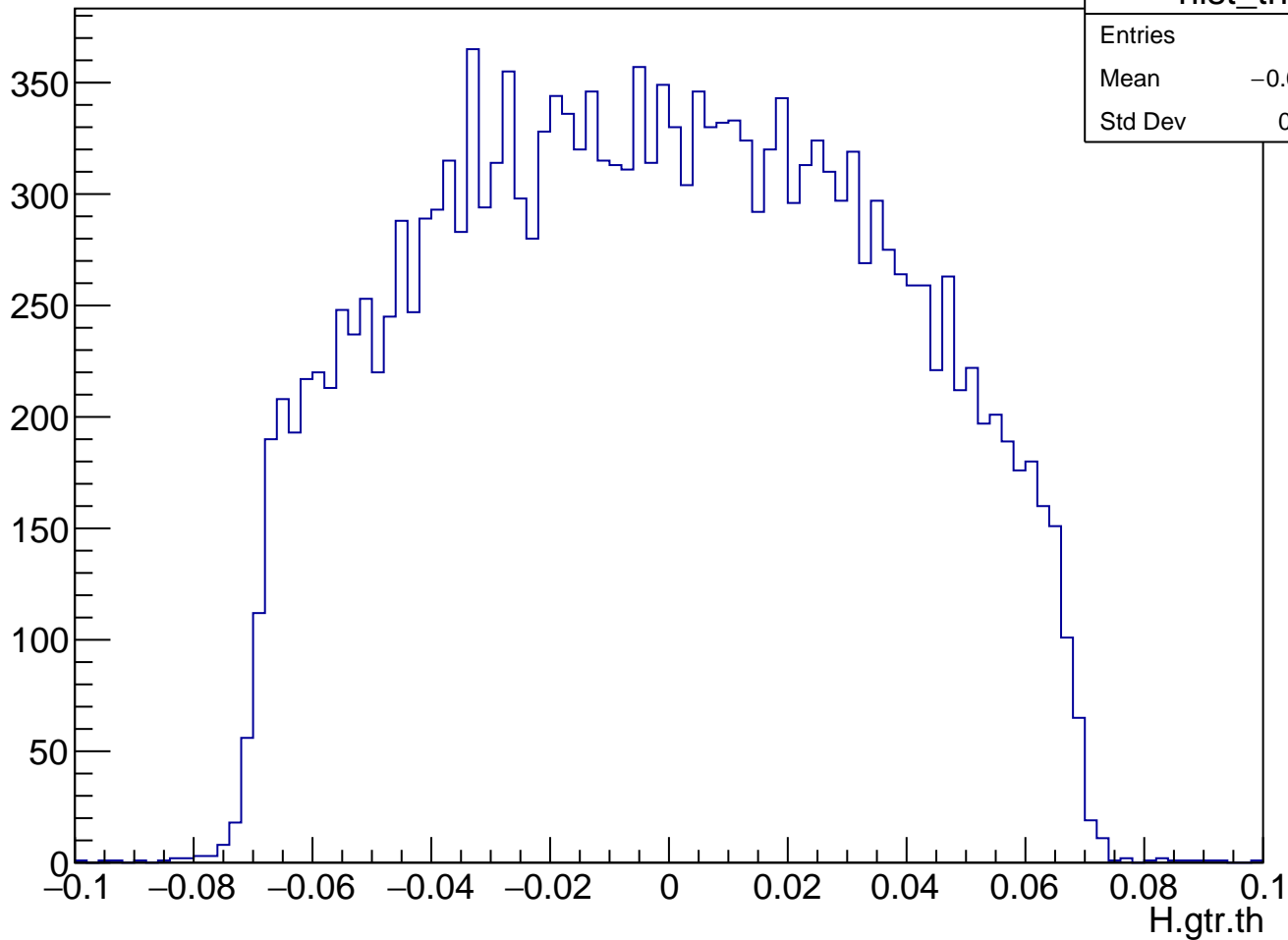
Entries 19029

Mean 0.008973

Std Dev 0.01274

Run 6839: H.gtr.th

Counts



hist_th

Entries 19029

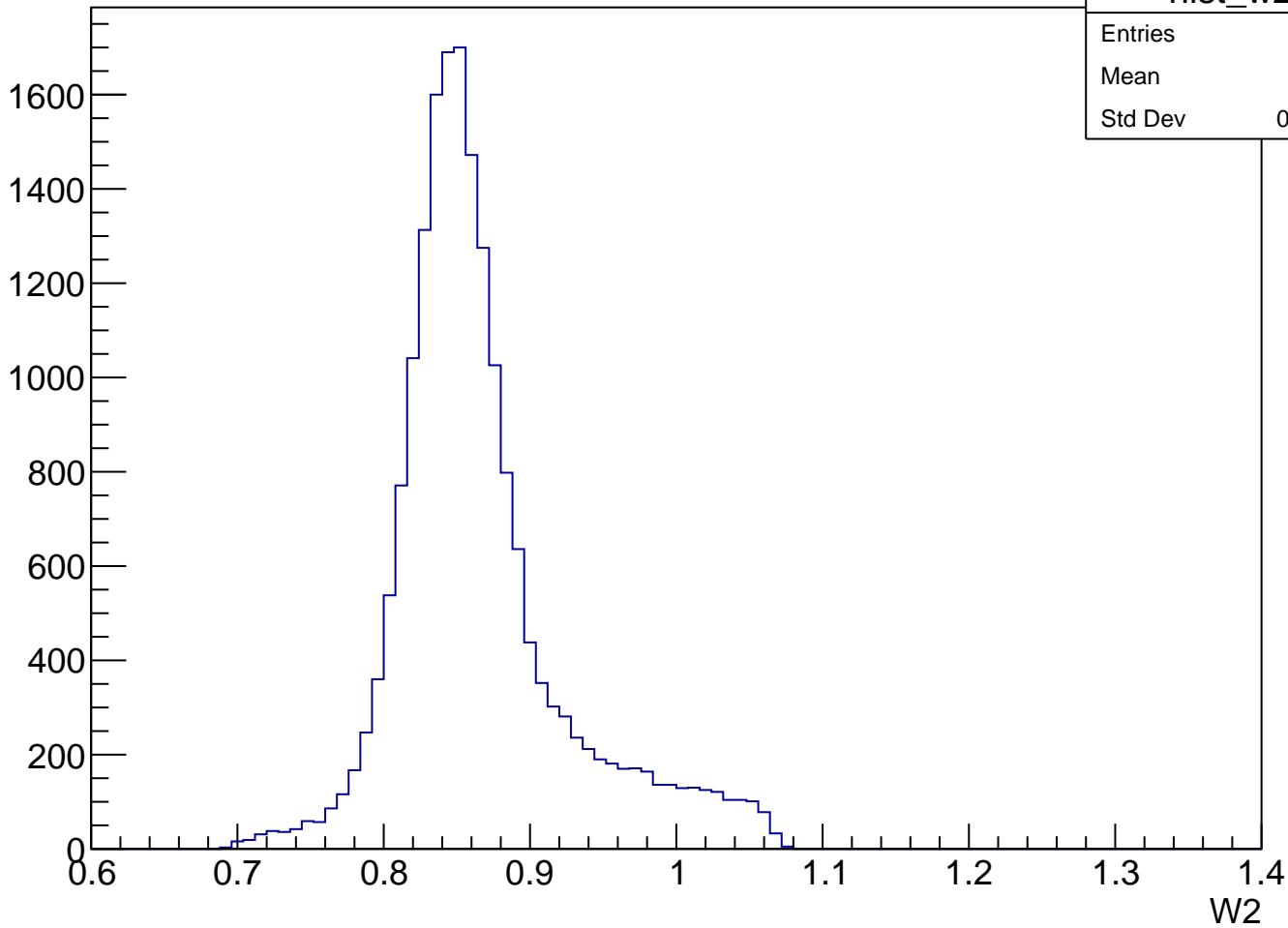
Mean -0.002152

Std Dev 0.03644

H.gtr.th

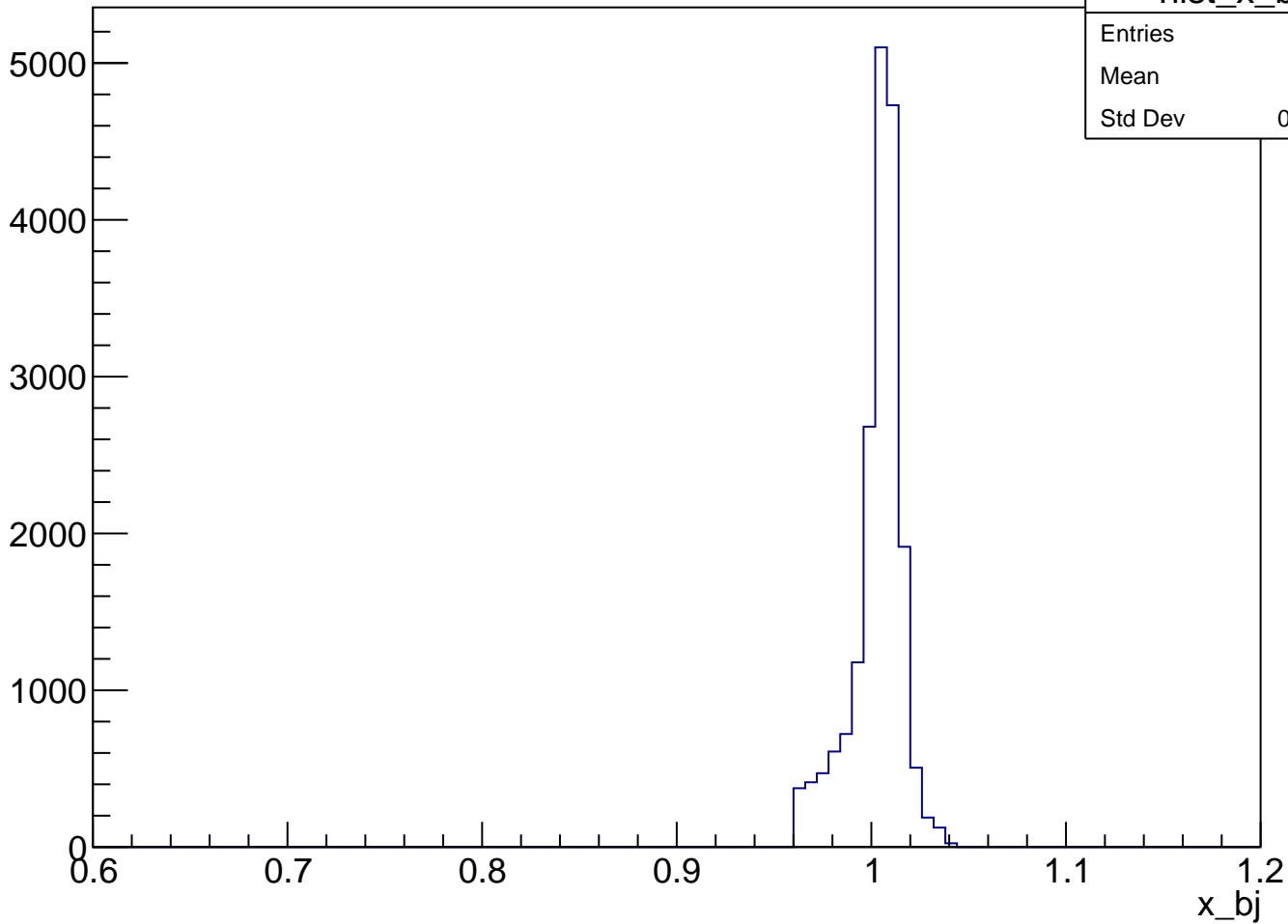
Run 6840: H.kin.W2

Counts

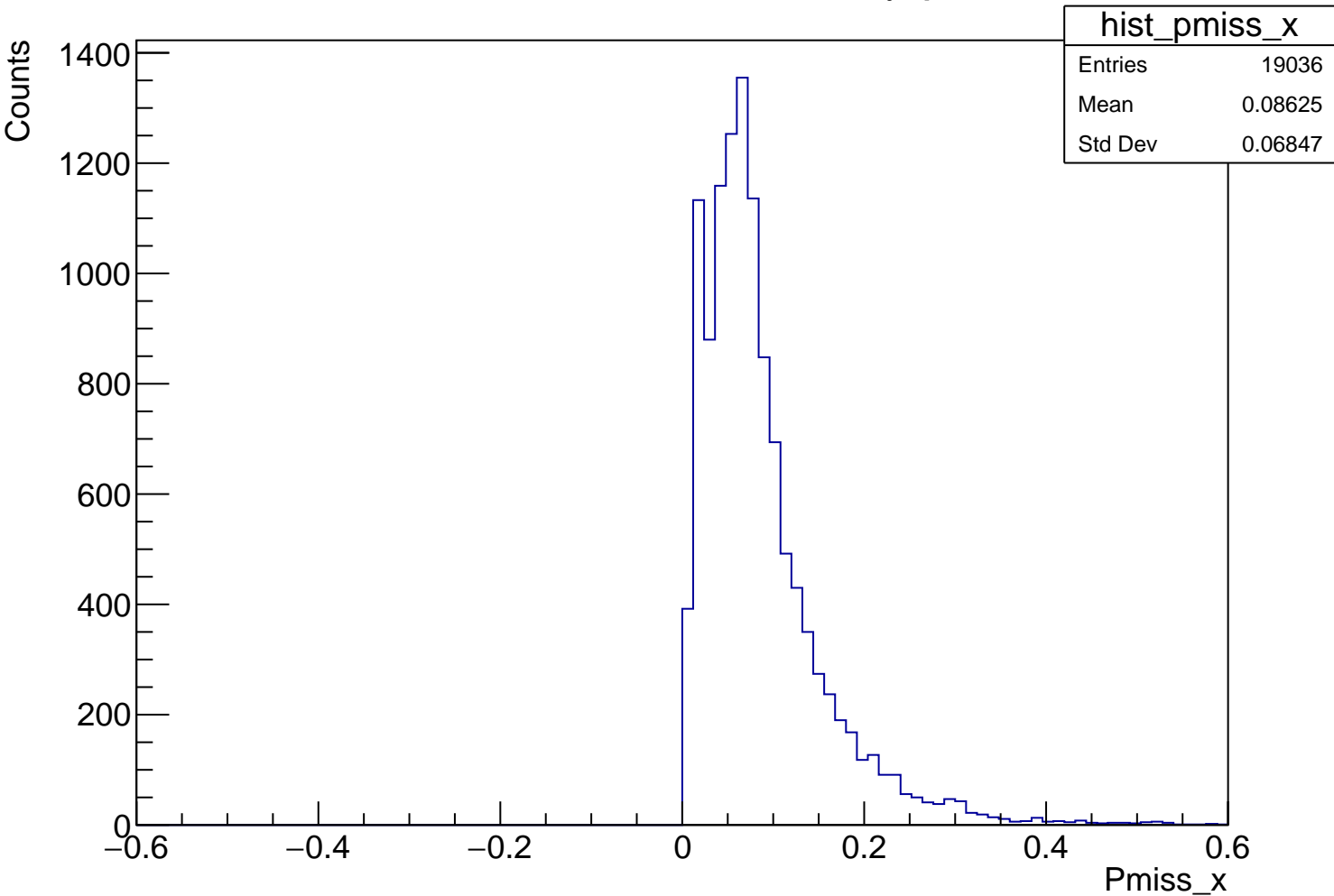


Run 6840: H.kin.x_bj

Counts

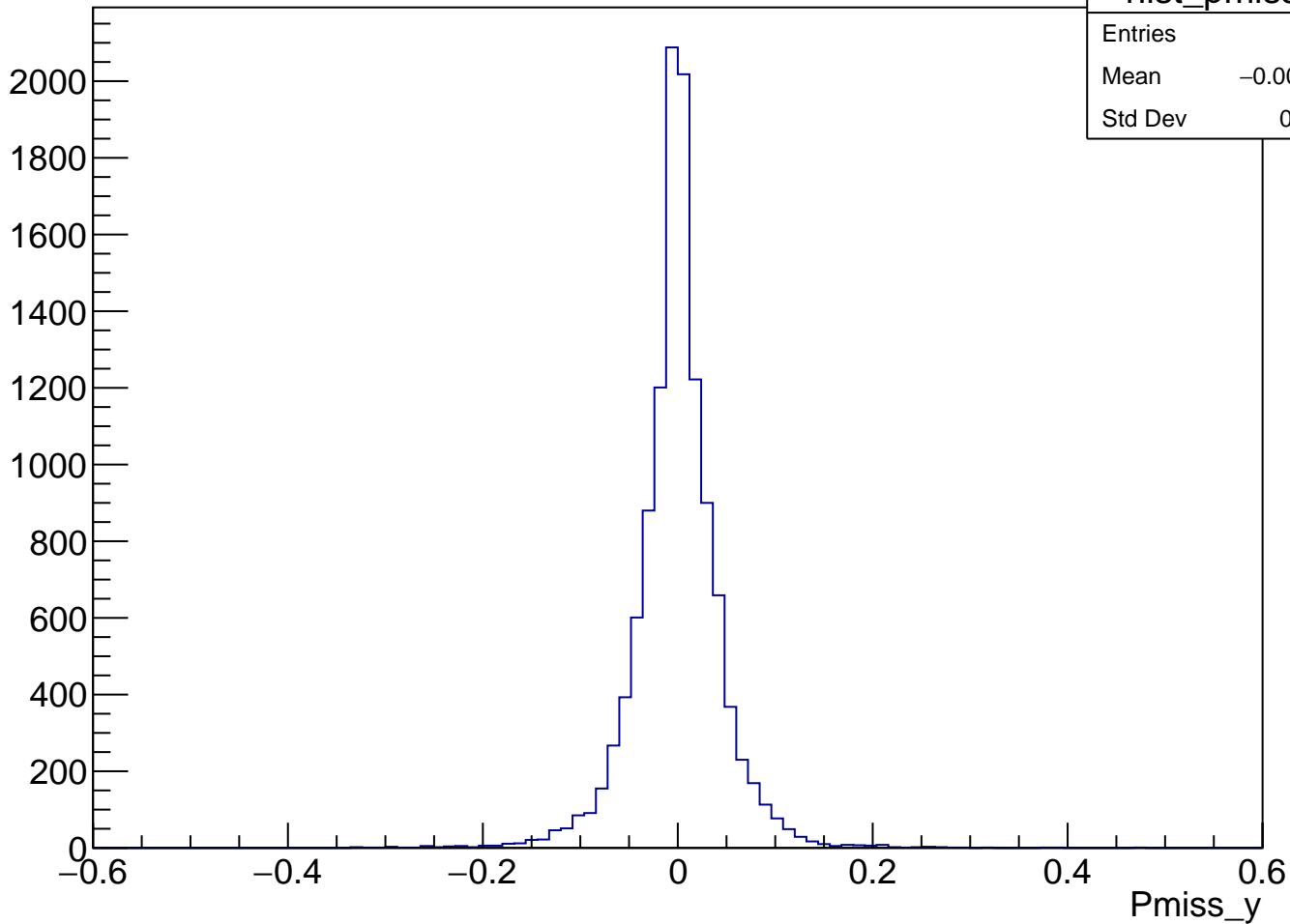


Run 6840: NPS.kin.secondary.pmiss_x



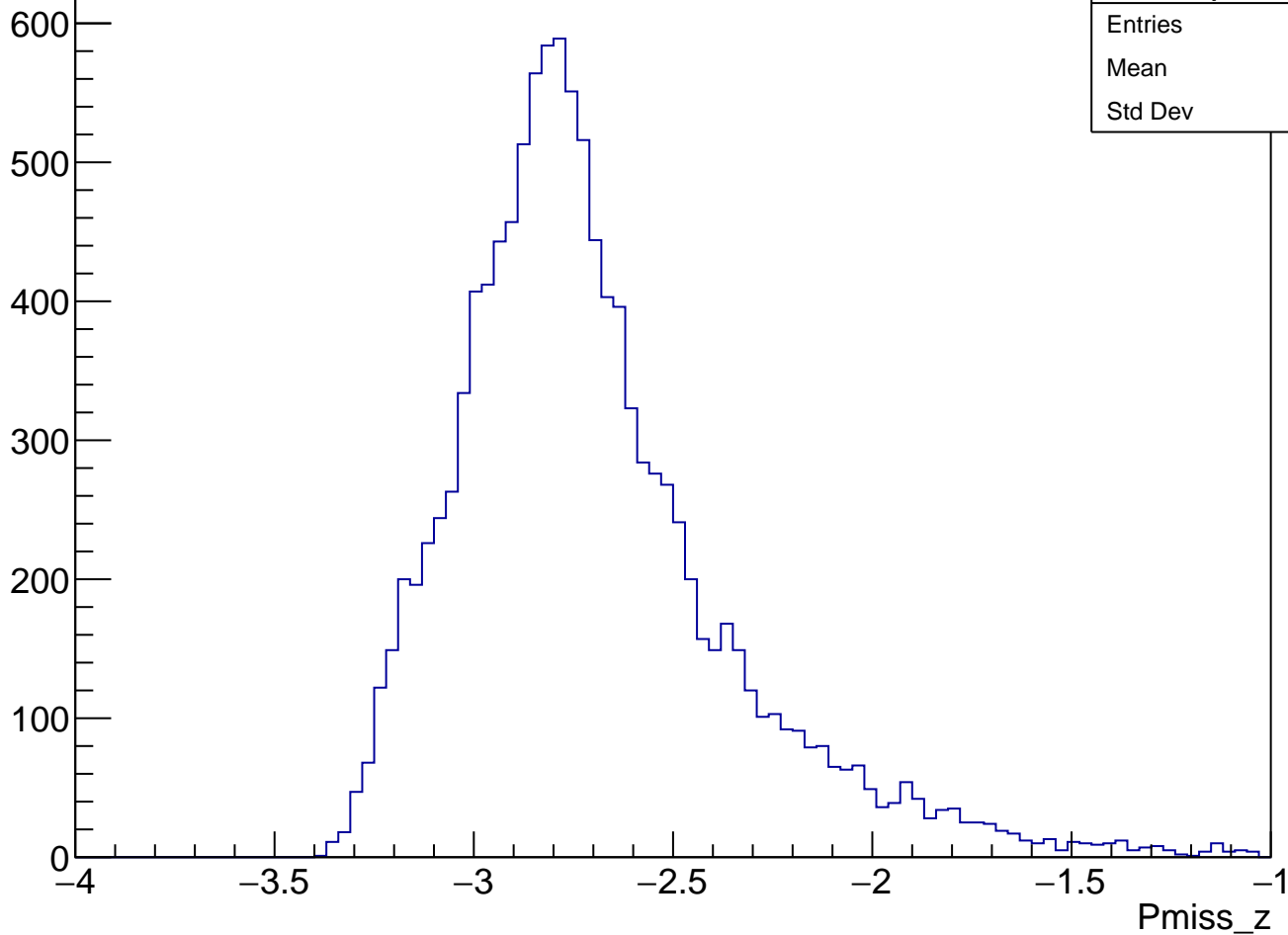
Run 6840: NPS.kin.secondary.pmiss_y

Counts



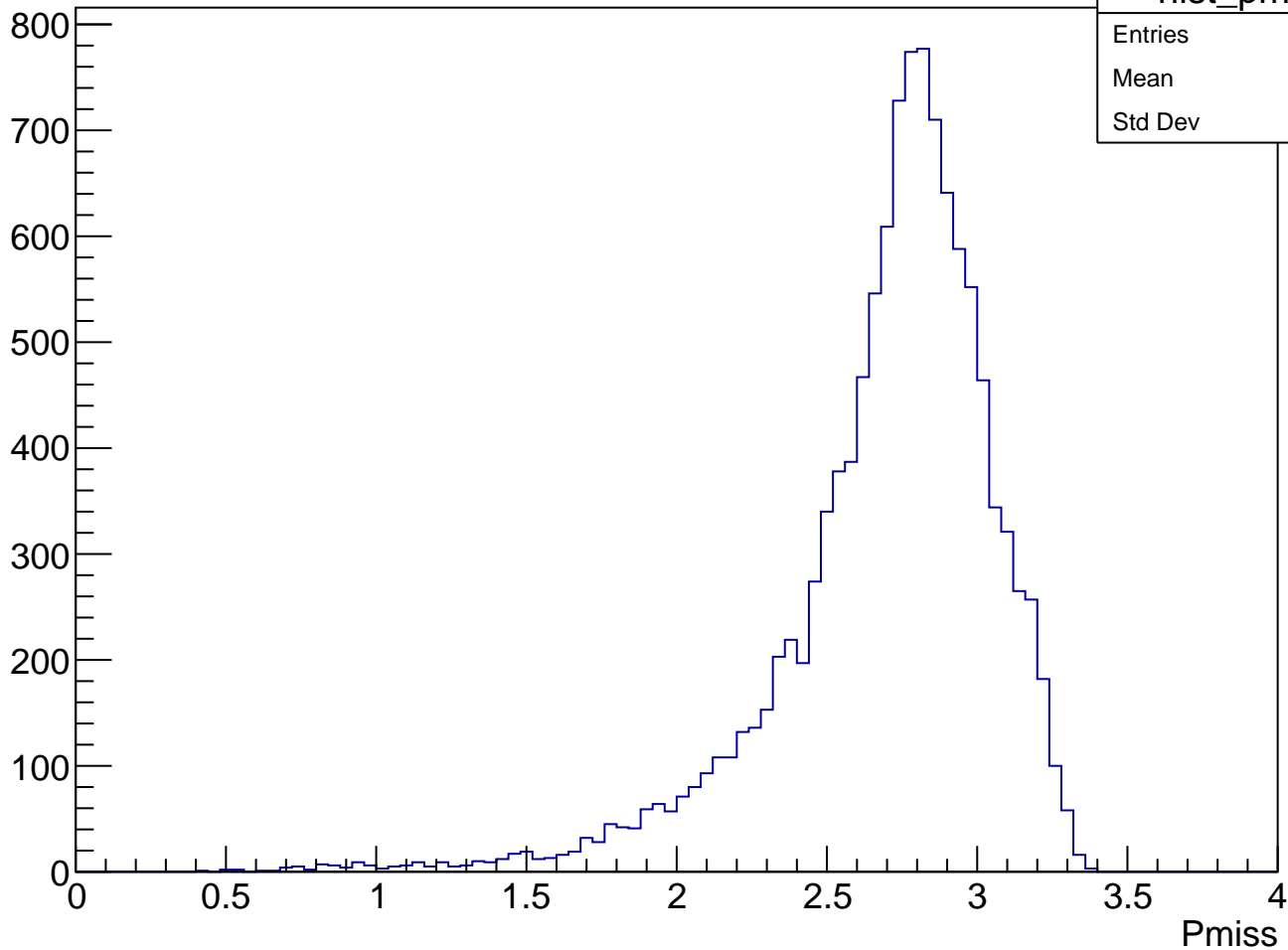
Run 6840: NPS.kin.secondary.pmiss_z

Counts



Run 6840: NPS.kin.secondary.pmiss

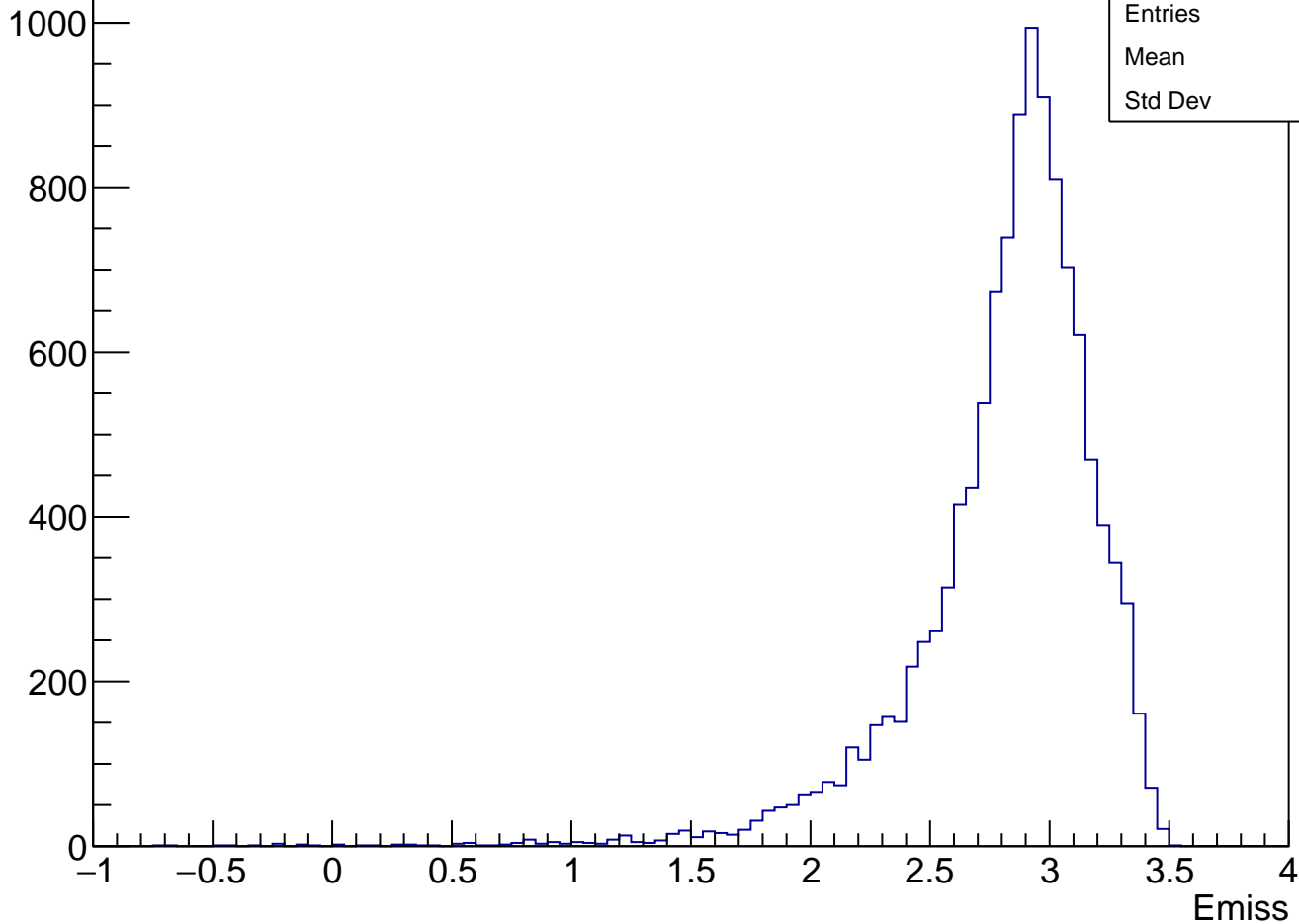
Counts



Pmiss

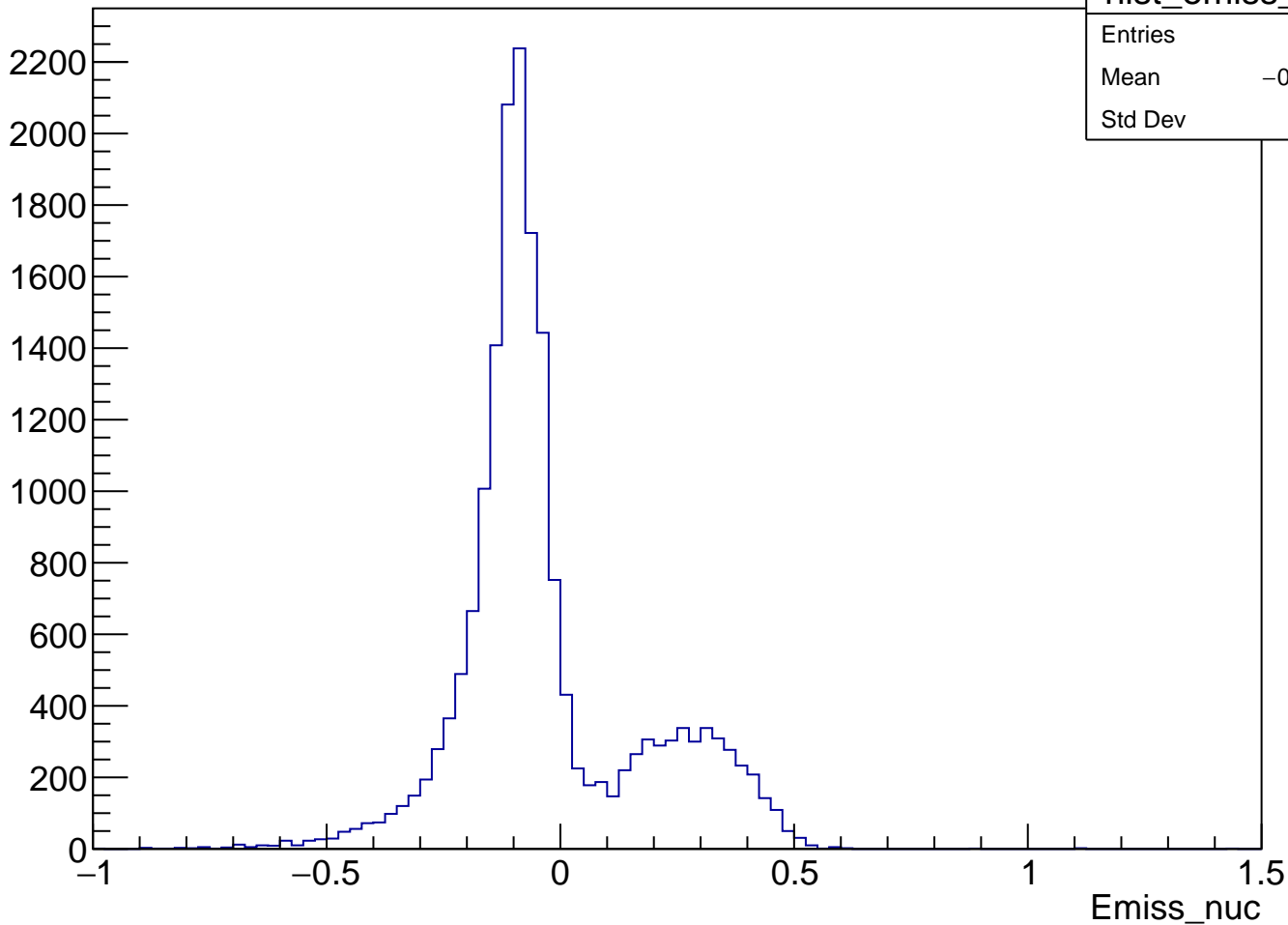
Run 6840: NPS.kin.secondary.emiss

Counts



Run 6840: NPS.kin.secondary.emiss_nuc

Counts



hist_emiss_nuc

Entries 19036

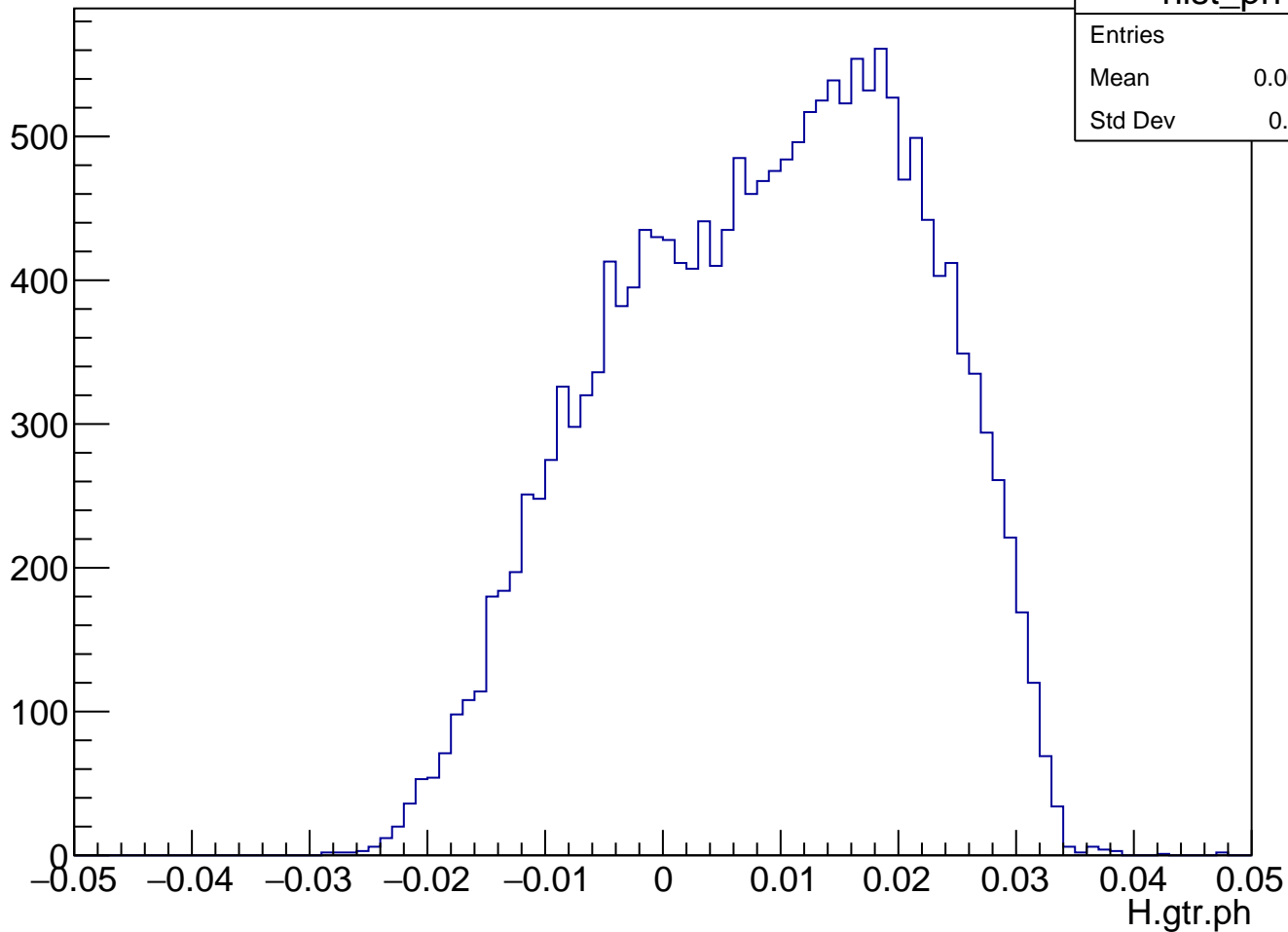
Mean -0.03157

Std Dev 0.1946

Emiss_nuc

Run 6840: H.gtr.ph

Counts

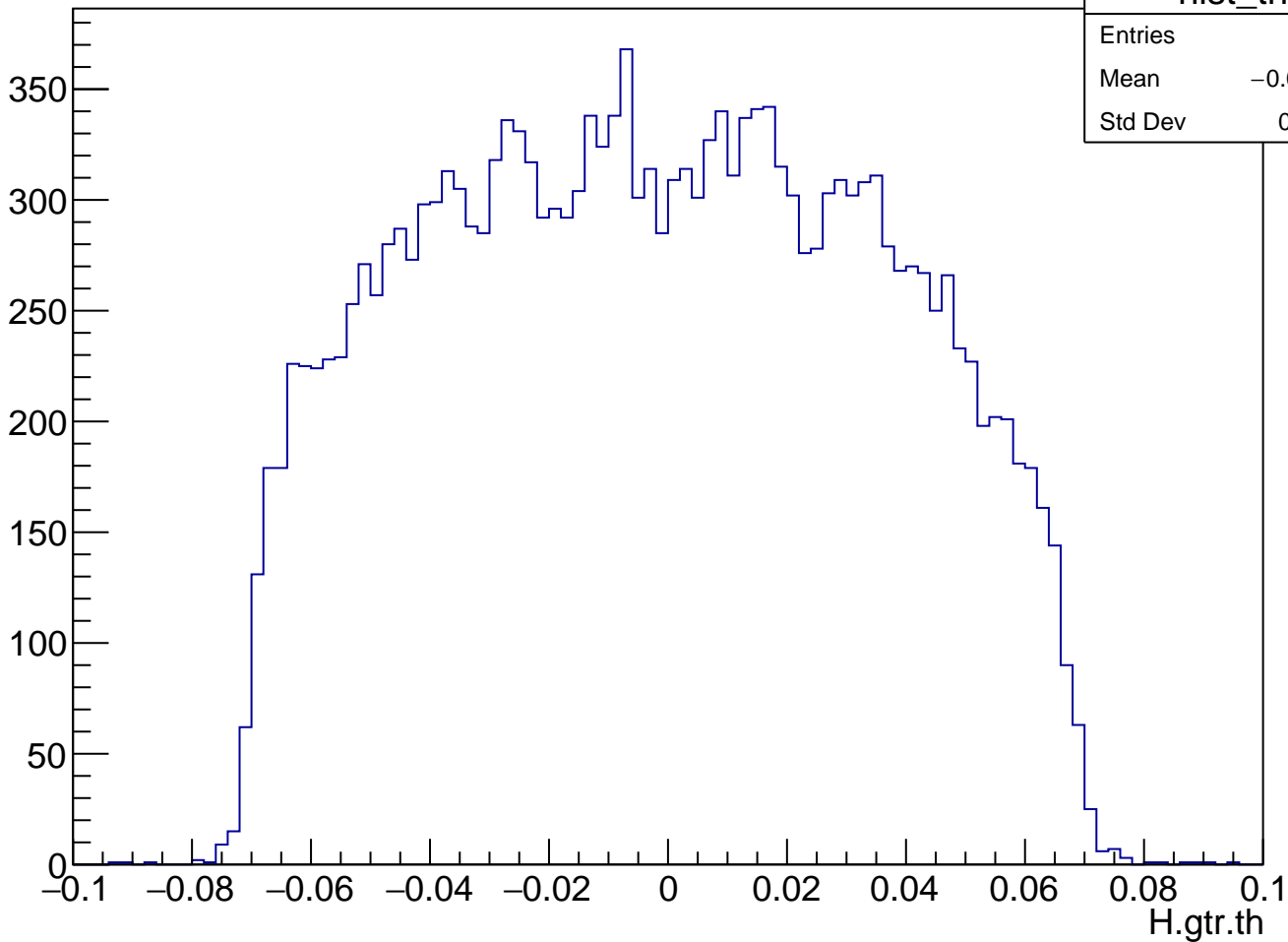


hist_ph

Entries	19036
Mean	0.008656
Std Dev	0.01269

Run 6840: H.gtr.th

Counts



H.gtr.th