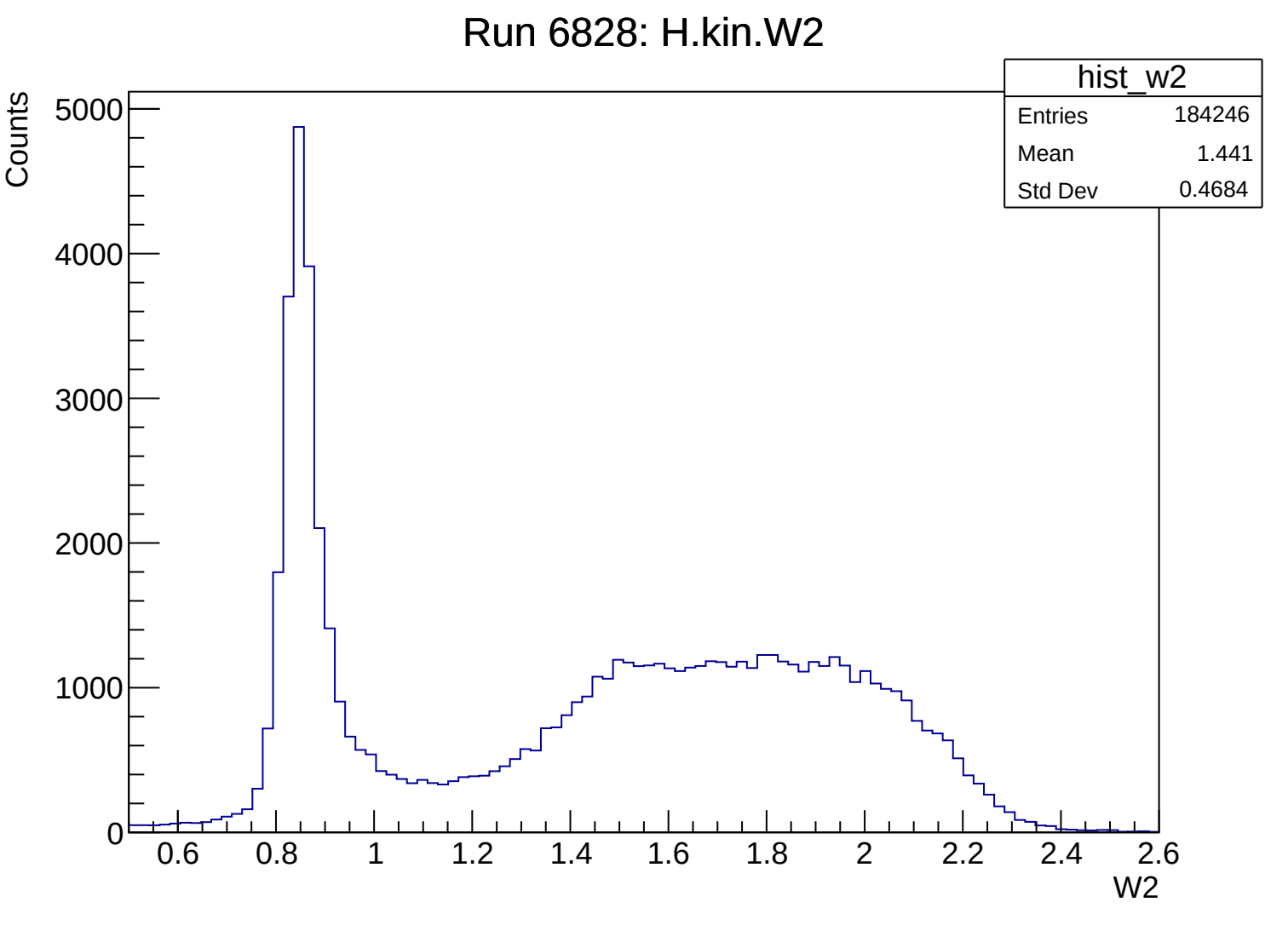
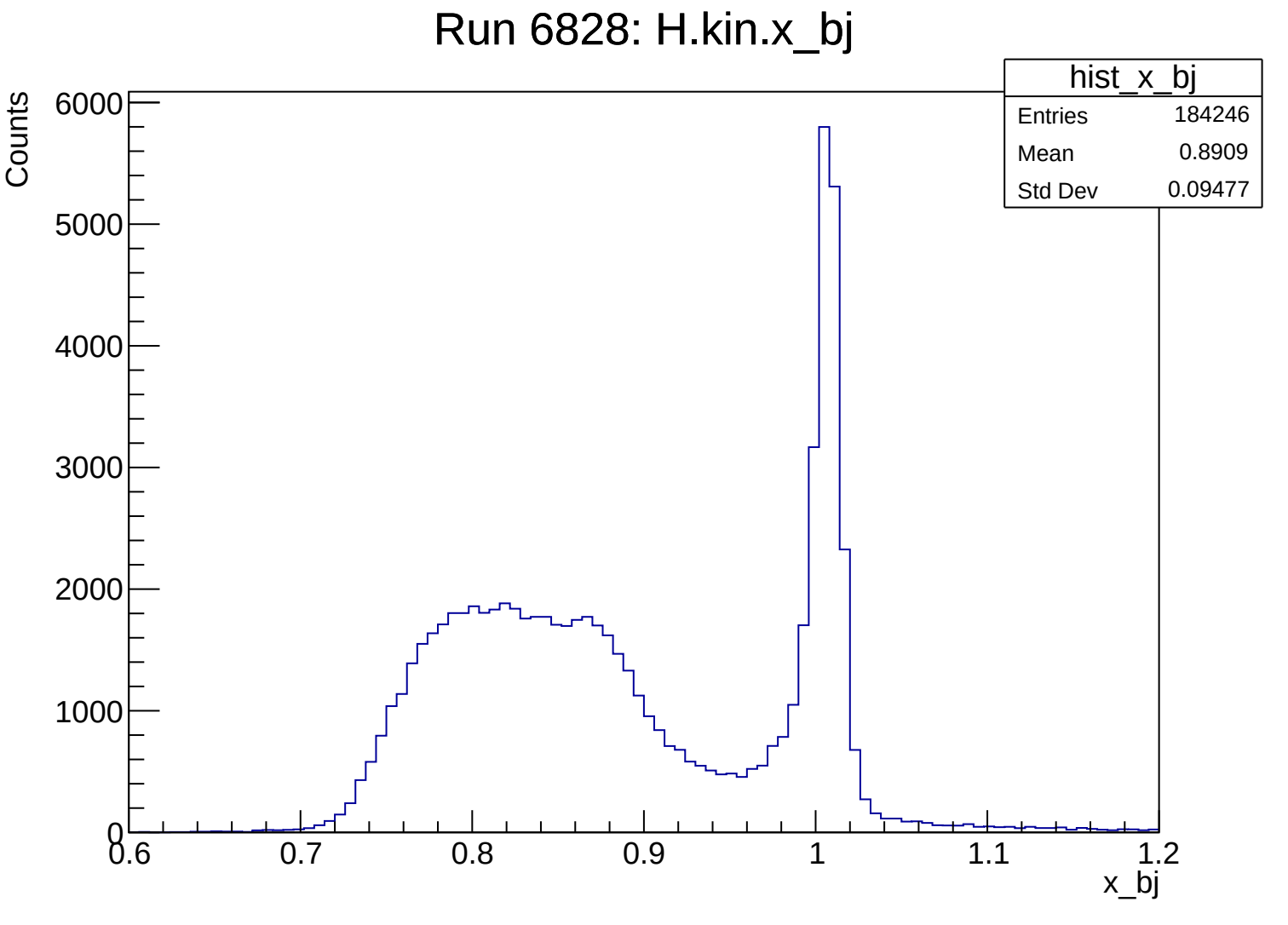
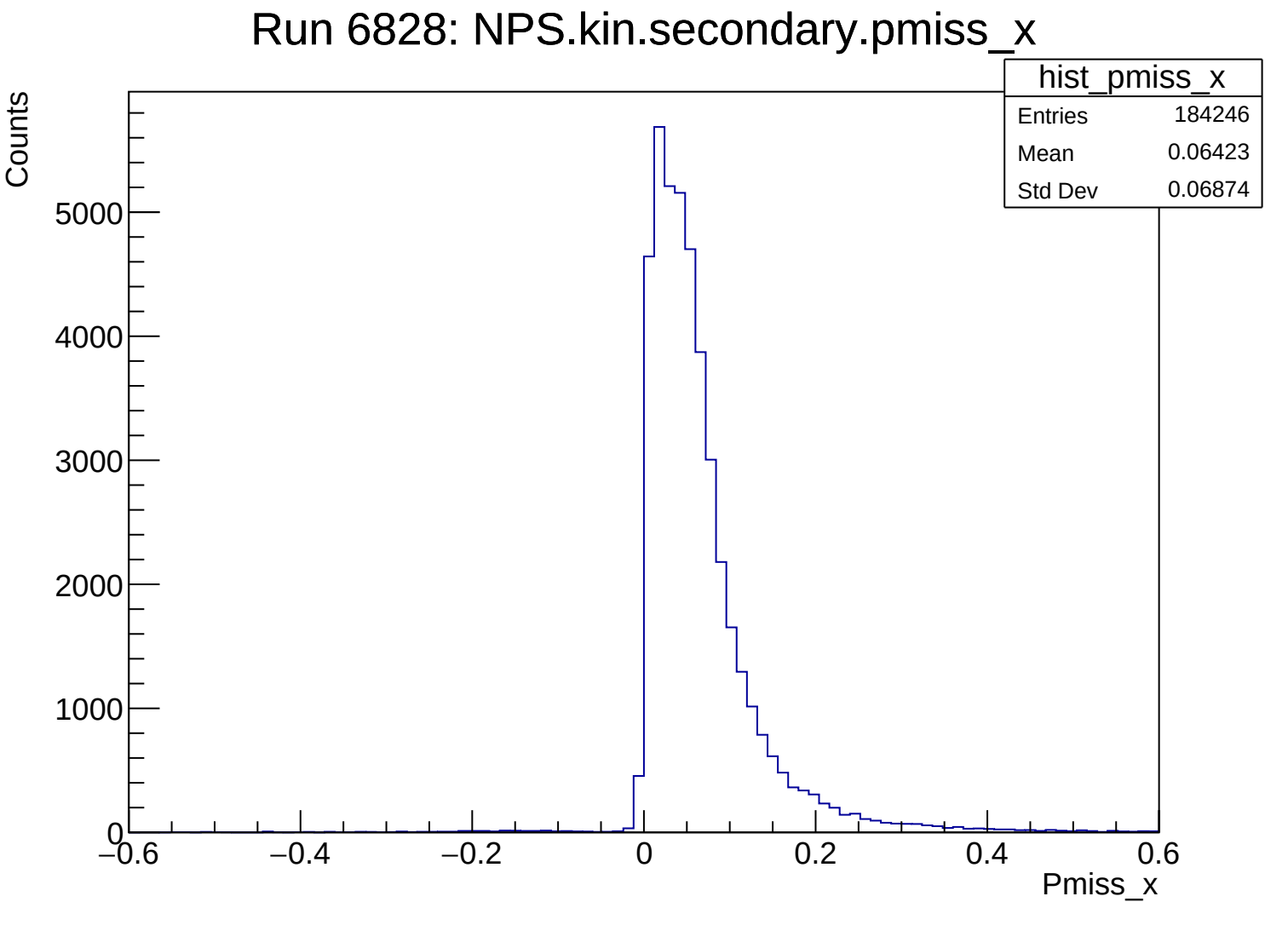
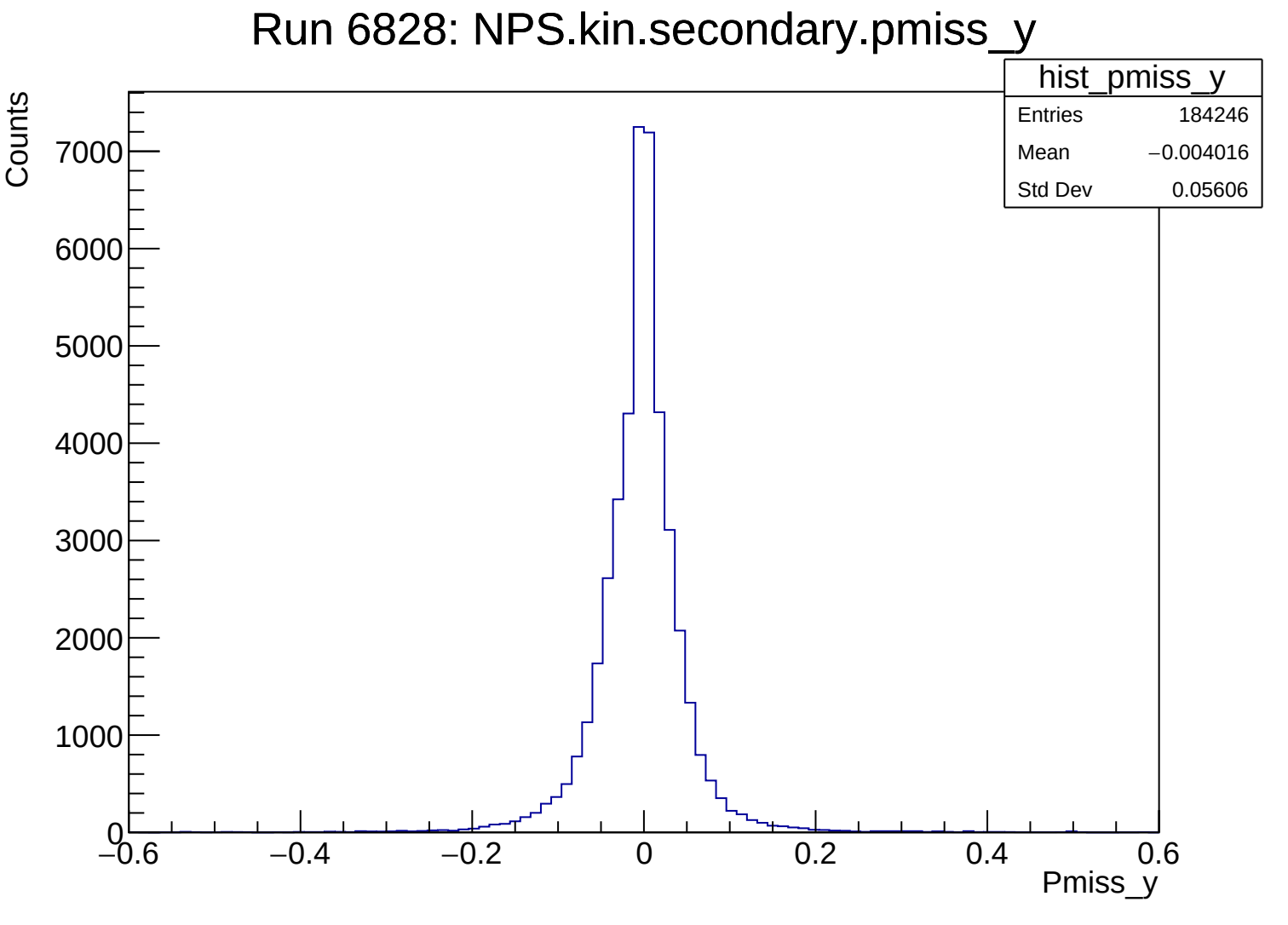
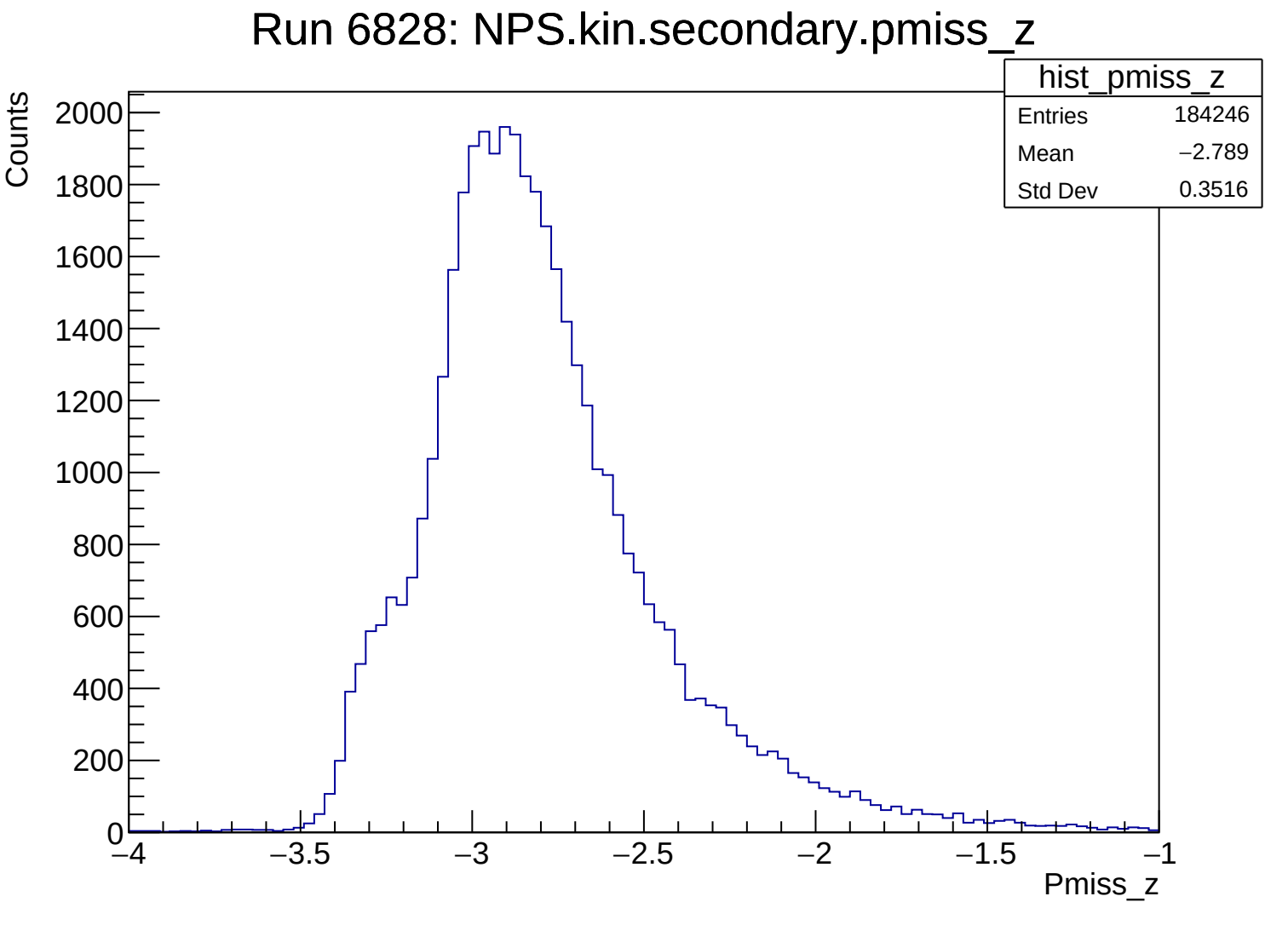
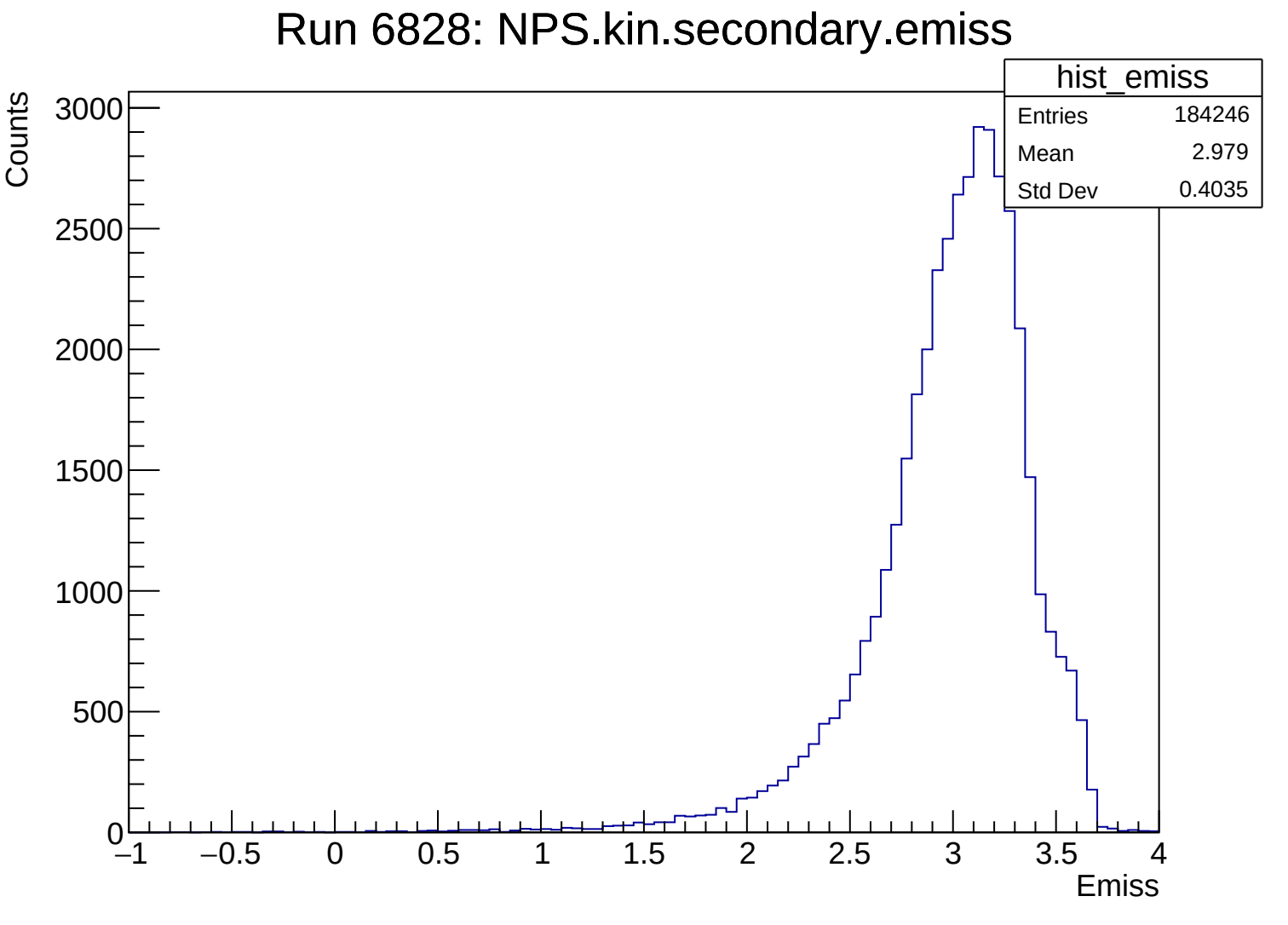

Run 6828: H.kin.W2
hist_w2
Entries 184246
Mean 1.441
Std Dev 0.4684
Counts
5000
4000
3000
2000
1000
0
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
2.4
2.6
W2

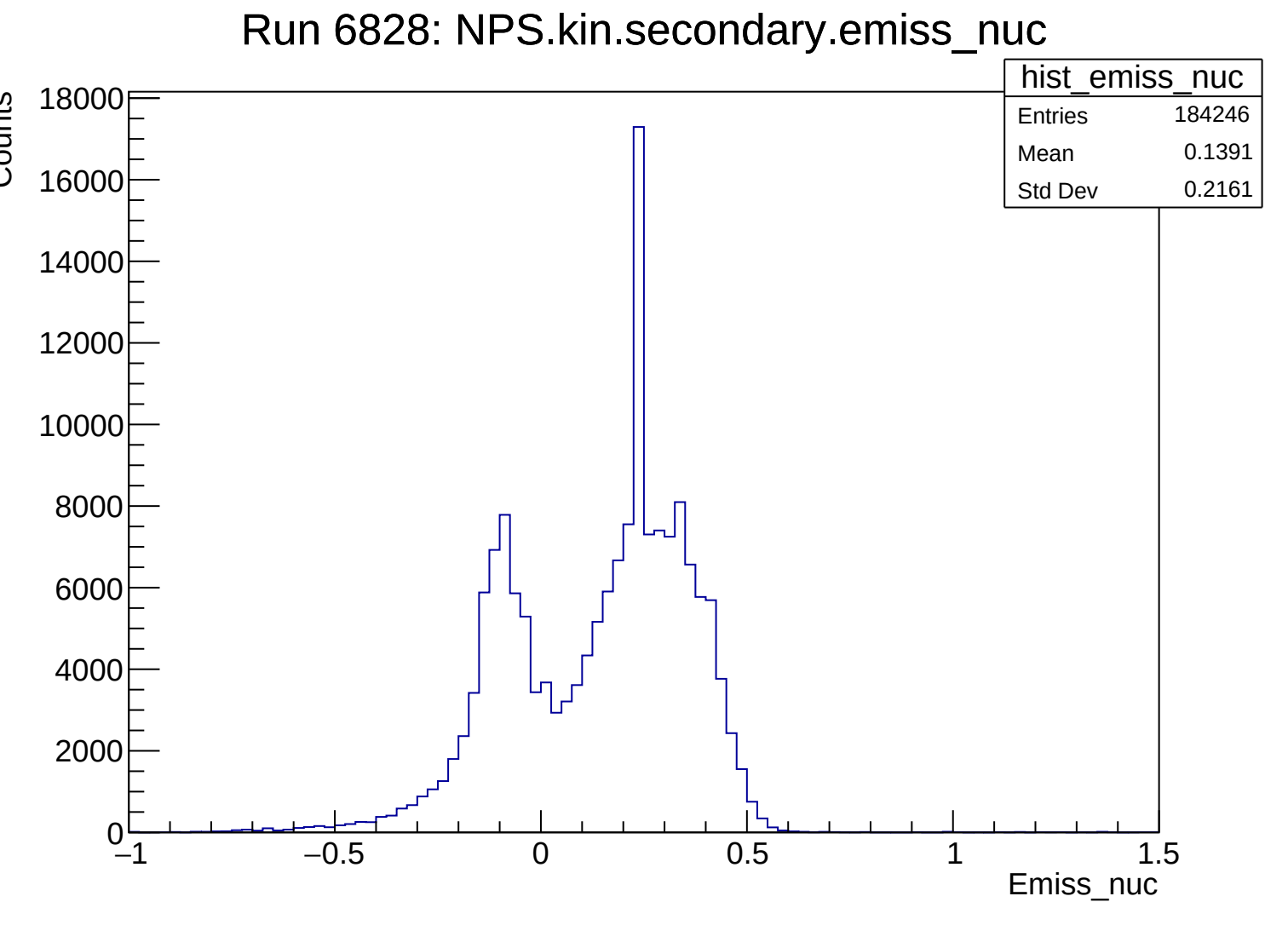

Run 6828: H.kin.x_bj
hist_x_bj
Entries 184246
Mean 0.8909
Std Dev 0.09477
Counts
6000
5000
4000
3000
2000
1000
0
0.6
0.7
0.8
0.9
1
1.1
1.2
x_bj

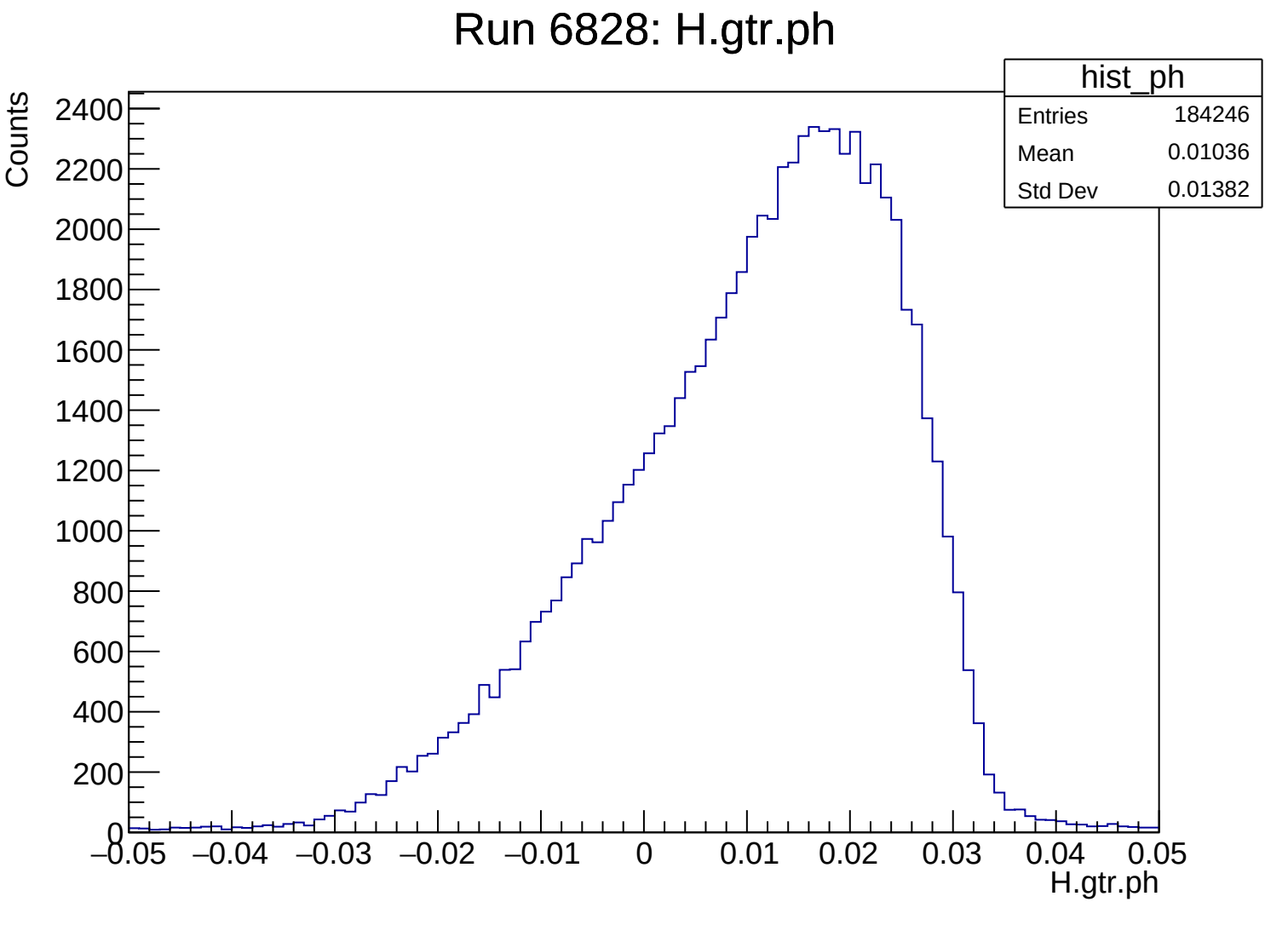

Run 6828: NPS.kin.secondary.pmiss_x
hist_pmiss_x
Entries 184246
Mean 0.06423
Std Dev 0.06874
Counts
5000
4000
3000
2000
1000
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_x

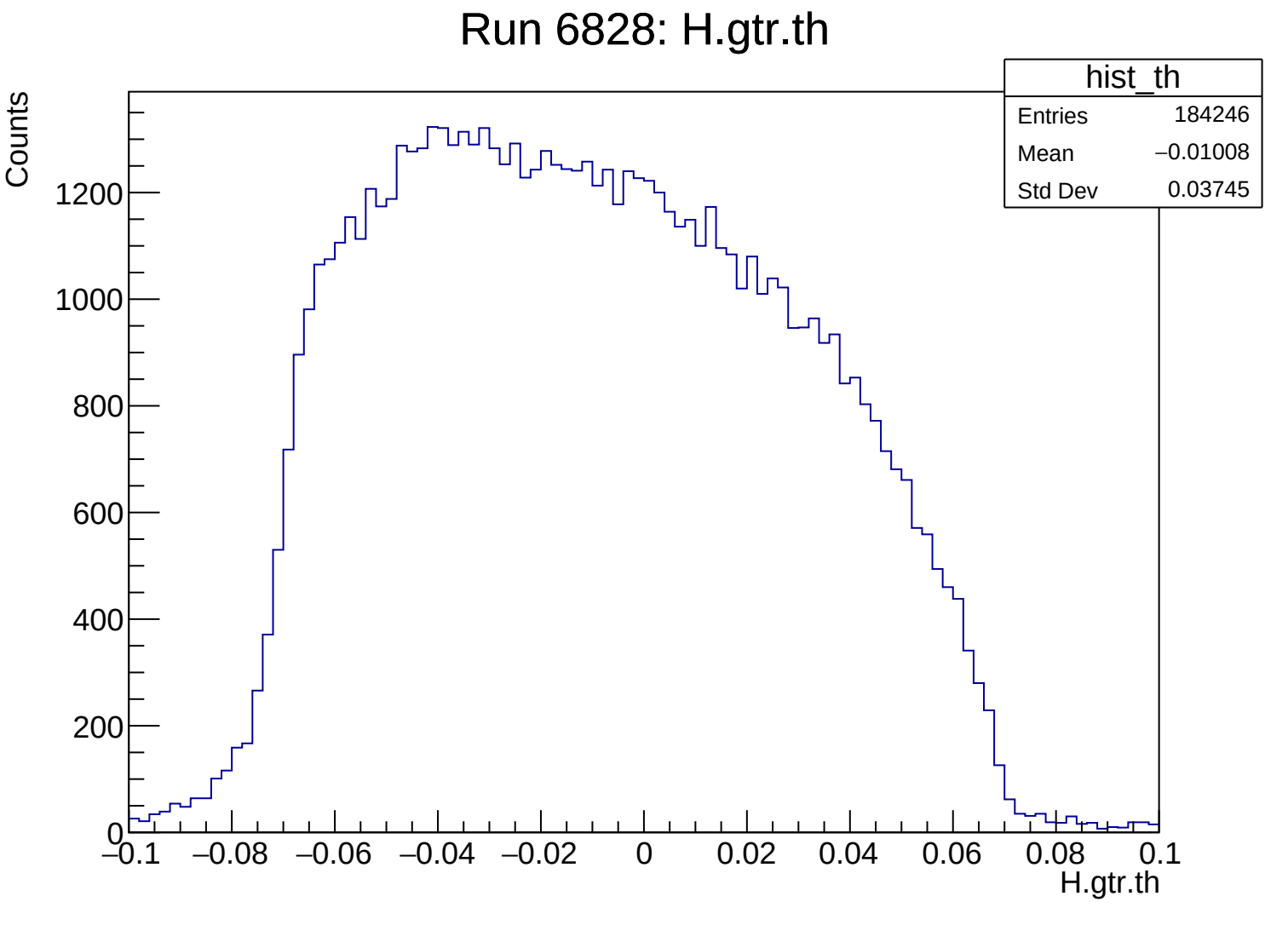

Run 6828: NPS.kin.secondary.pmiss_y
hist_pmiss_y
Entries 184246
Mean −0.004016
Std Dev 0.05606
Counts
7000
6000
5000
4000
3000
2000
1000
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_y

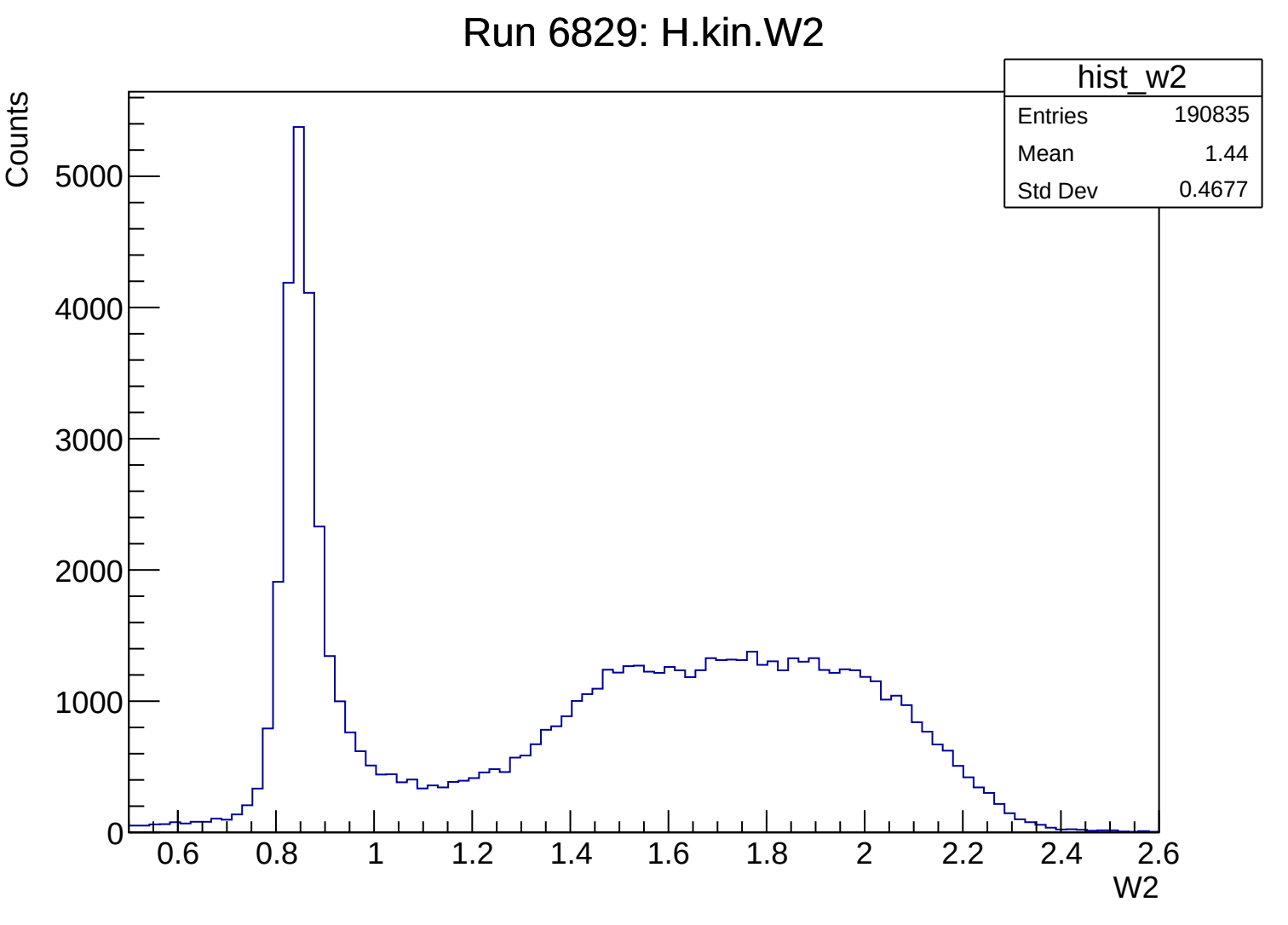

Run 6828: NPS.kin.secondary.pmiss_z
hist_pmiss_z
Entries 184246
Mean −2.789
Std Dev 0.3516
Counts
2000
1800
1600
1400
1200
1000
800
600
400
200
0
−4
−3.5
−3
−2.5
−2
−1.5
−1
Pmiss_z

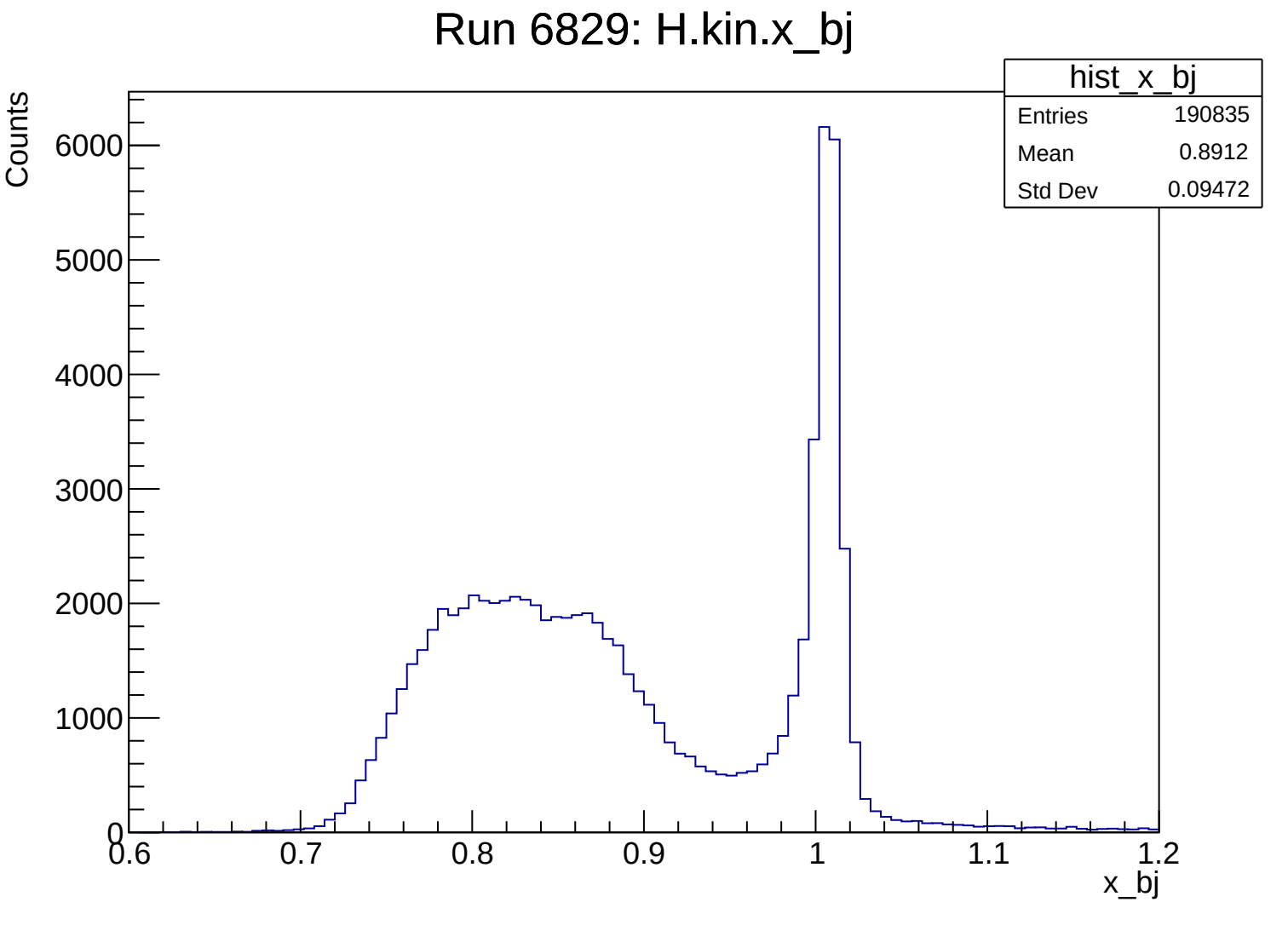

Run 6828: NPS.kin.secondary.emiss
hist_emiss
Entries 184246
Mean 2.979
Std Dev 0.4035
Counts
3000
2500
2000
1500
1000
500
0
−1
−0.5
0
0.5
1
1.5
2
2.5
3
3.5
4
Emiss

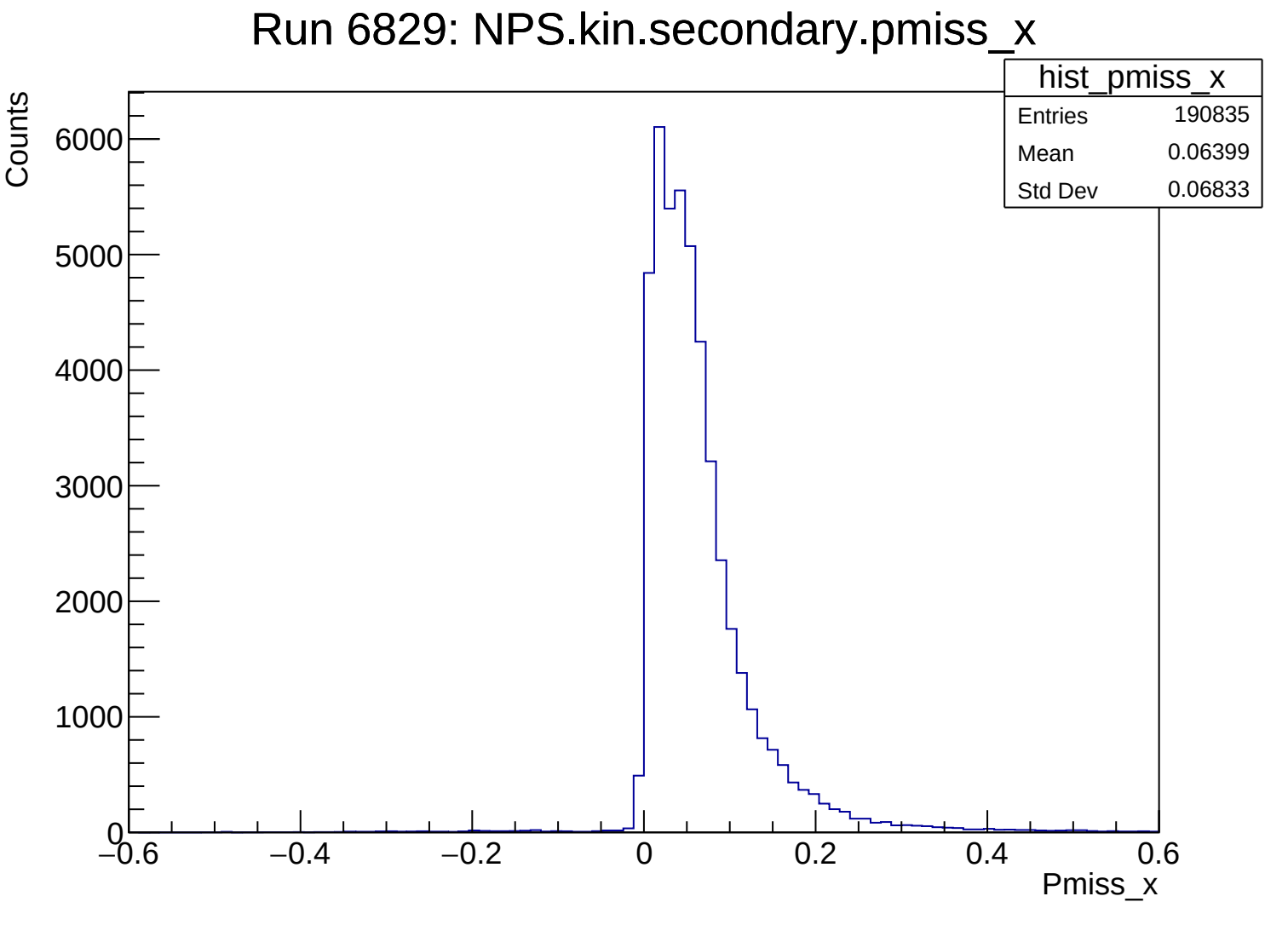

Run 6828: NPS.kin.secondary.emiss_nuc
hist_emiss_nuc
Entries 184246
Mean 0.1391
Std Dev 0.2161
Counts
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
−1
−0.5
0
0.5
1
1.5
Emiss_nuc

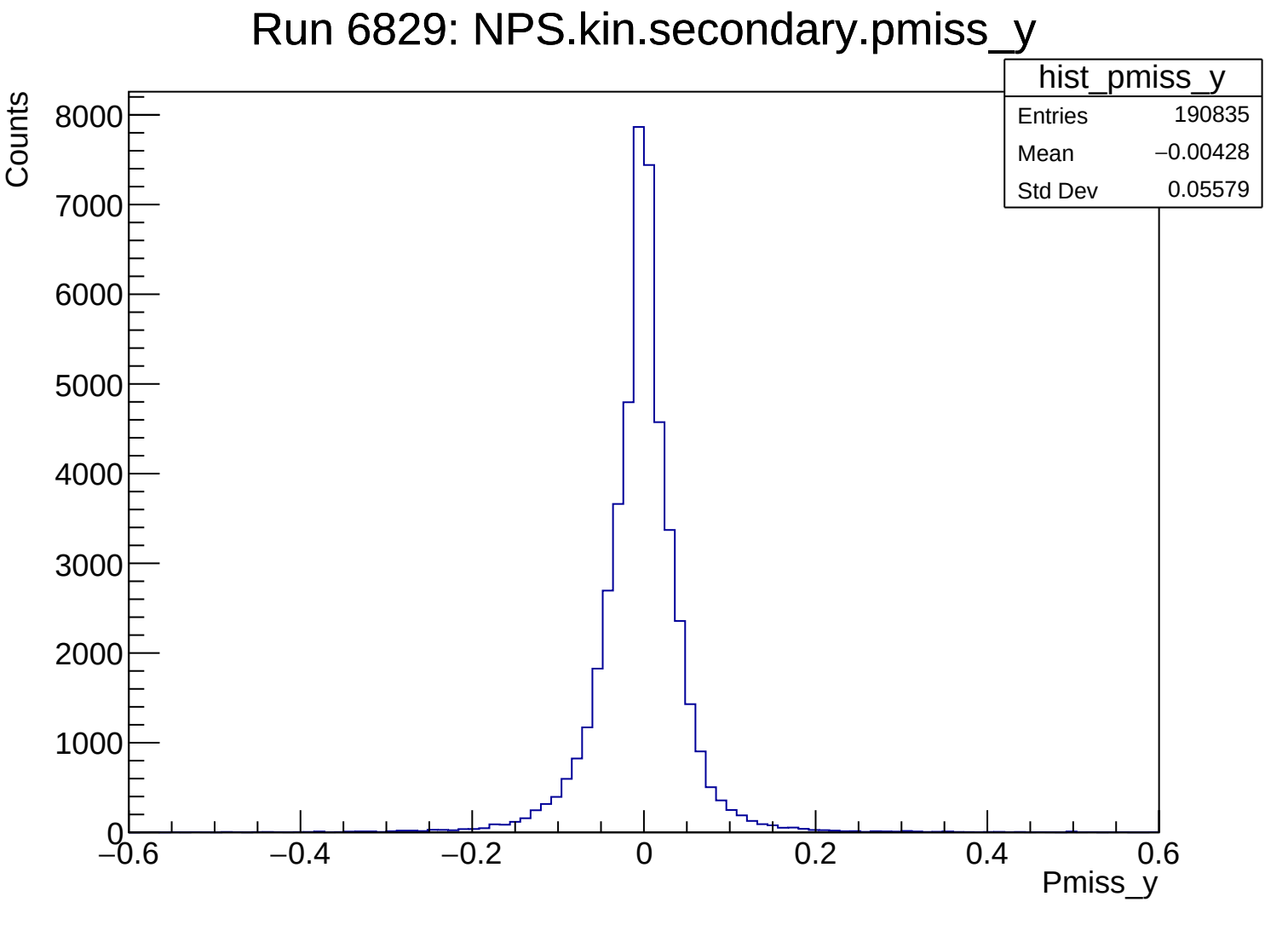

Run 6828: H.gtr.ph
hist_ph
Entries 184246
Mean 0.01036
Std Dev 0.01382
Counts
2400
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
–0.05
–0.04
–0.03
–0.02
–0.01
0
0.01
0.02
0.03
0.04
0.05
H.gtr.ph

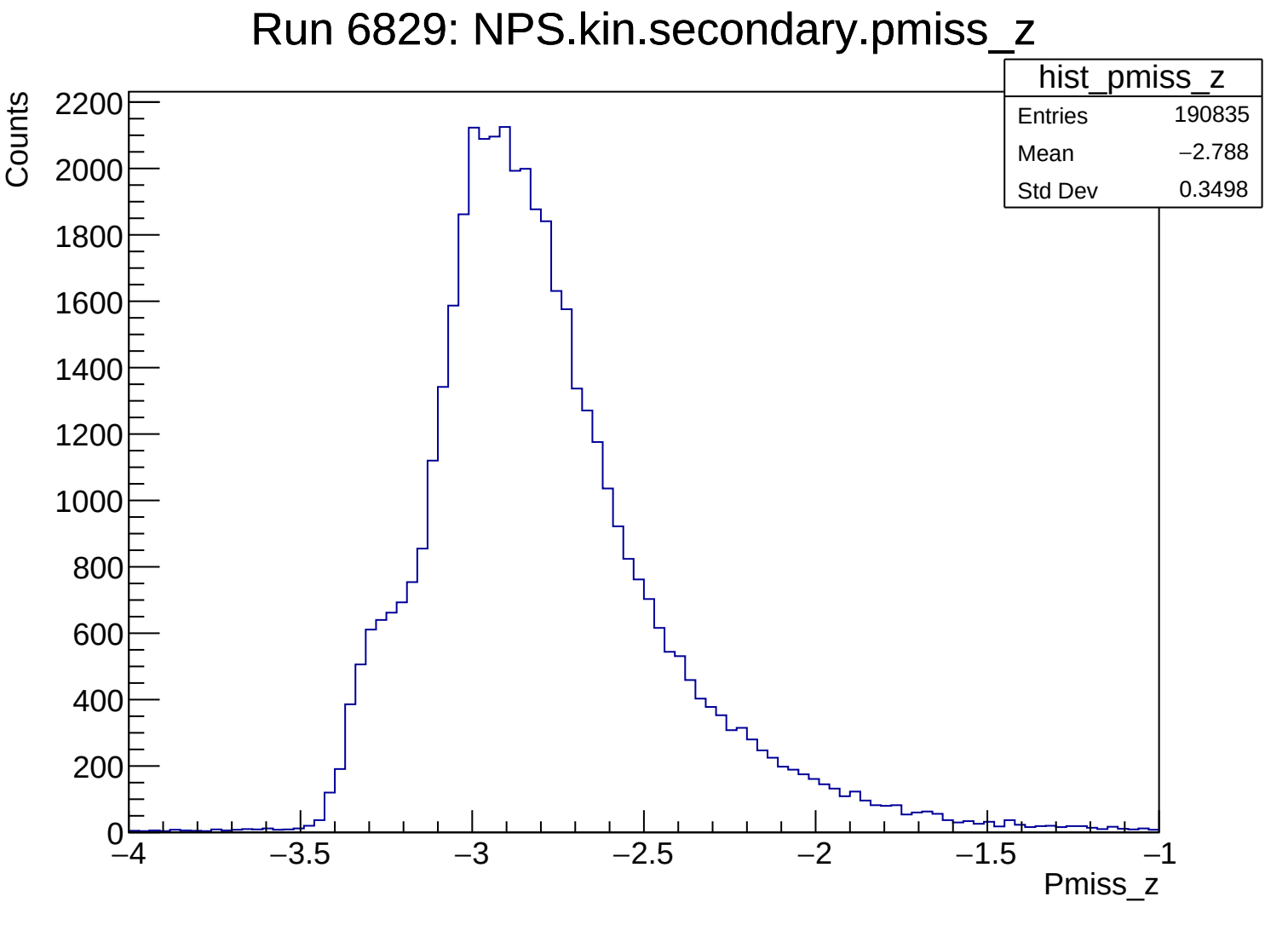

Run 6828: H.gtr.th
hist_th
Entries 184246
Mean −0.01008
Std Dev 0.03745
Counts
1200
1000
800
600
400
200
0
−0.1
−0.08
−0.06
−0.04
−0.02
0
0.02
0.04
0.06
0.08
0.1
H.gtr.th

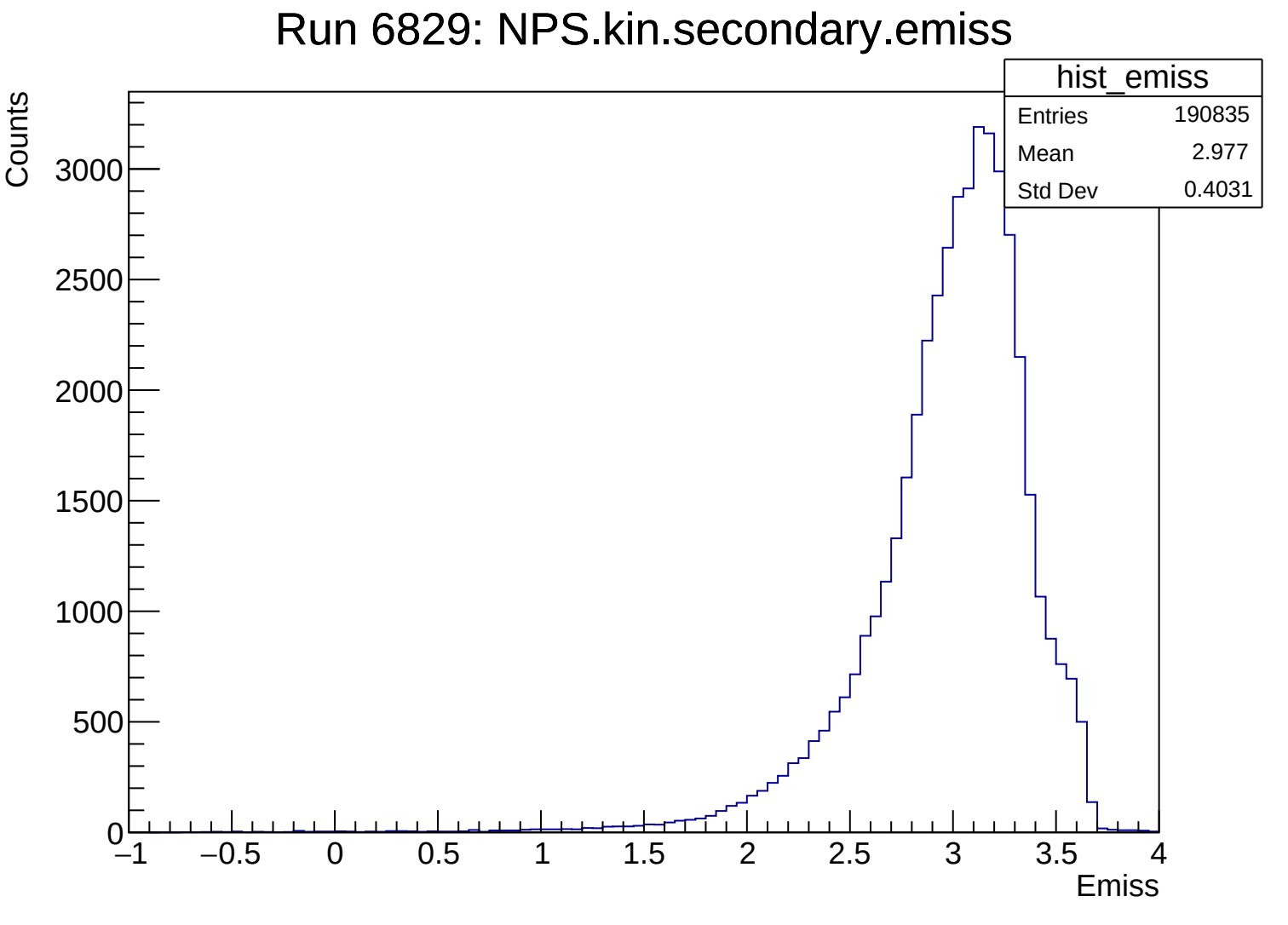

Run 6829: H.kin.W2
hist_w2
Entries 190835
Mean 1.44
Std Dev 0.4677
Counts
5000
4000
3000
2000
1000
0
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
2.4
2.6
W2

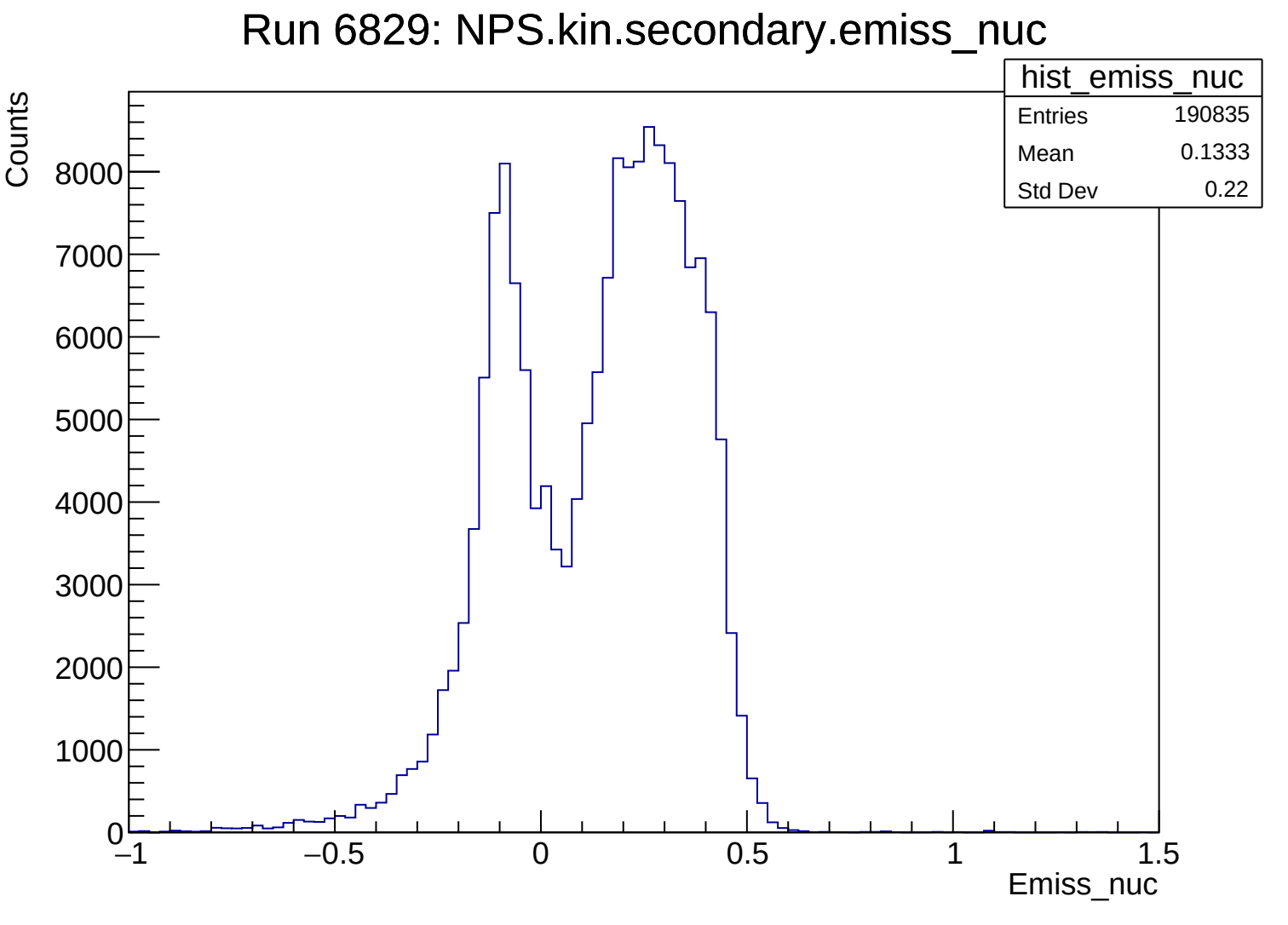

Run 6829: H.kin.x_bj
hist_x_bj
Entries 190835
Mean 0.8912
Std Dev 0.09472
Counts
6000
5000
4000
3000
2000
1000
0
0.6
0.7
0.8
0.9
1
1.1
1.2
x_bj

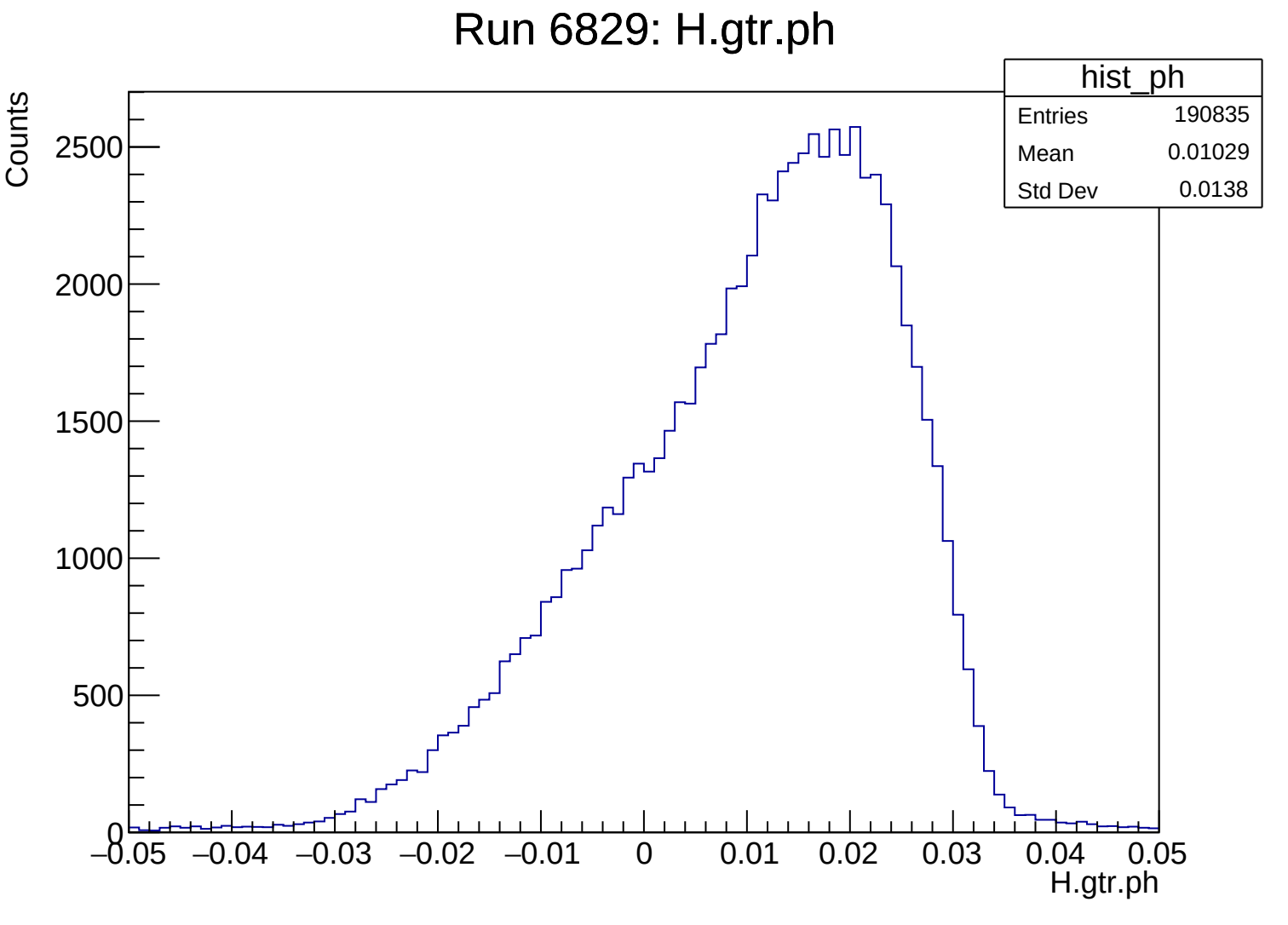

Run 6829: NPS.kin.secondary.pmiss_x
hist_pmiss_x
Entries 190835
Mean 0.06399
Std Dev 0.06833
Counts
6000
5000
4000
3000
2000
1000
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_x

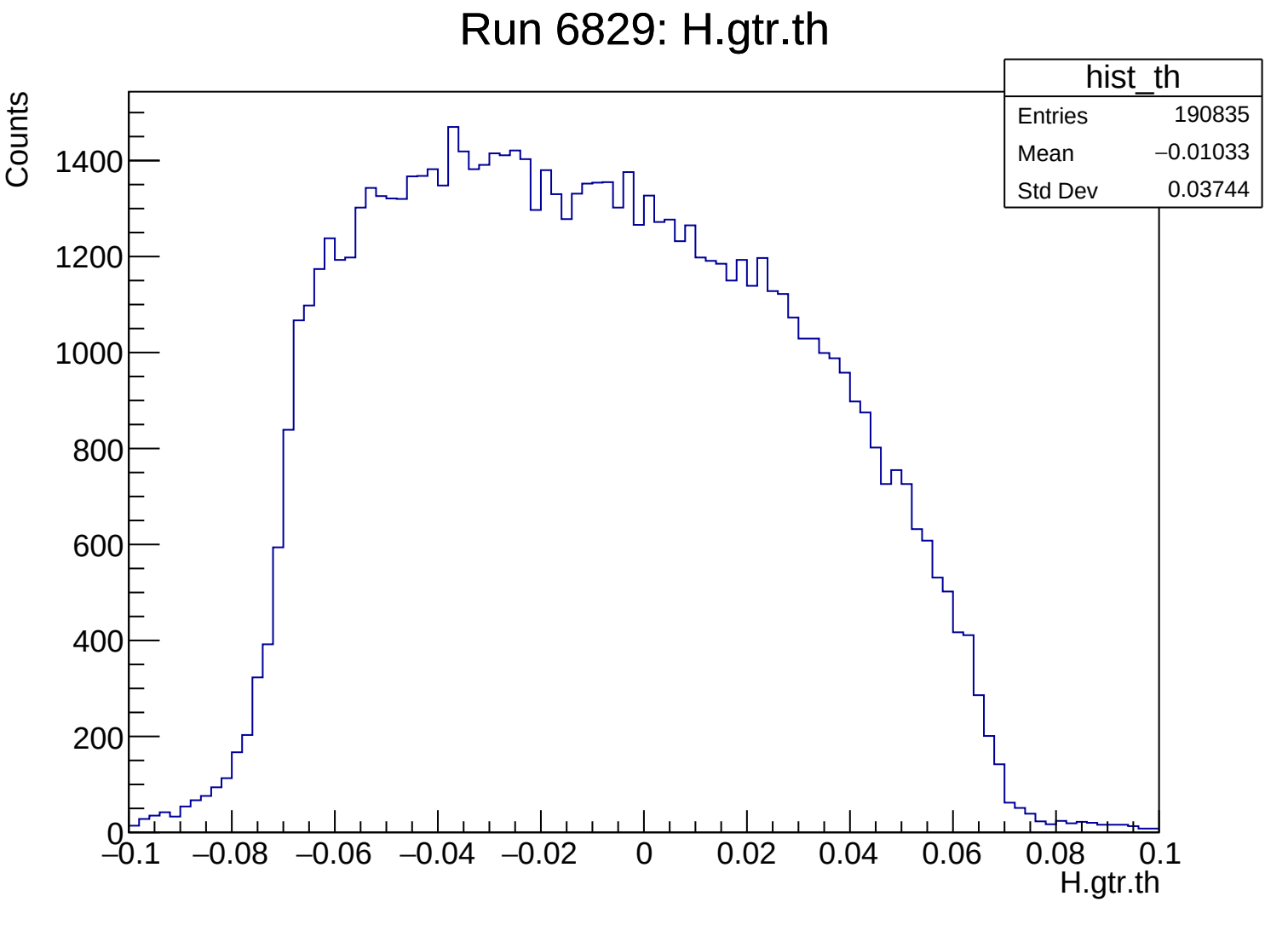

Run 6829: NPS.kin.secondary.pmiss_y
hist_pmiss_y
Entries 190835
Mean −0.00428
Std Dev 0.05579
Counts
8000
7000
6000
5000
4000
3000
2000
1000
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_y

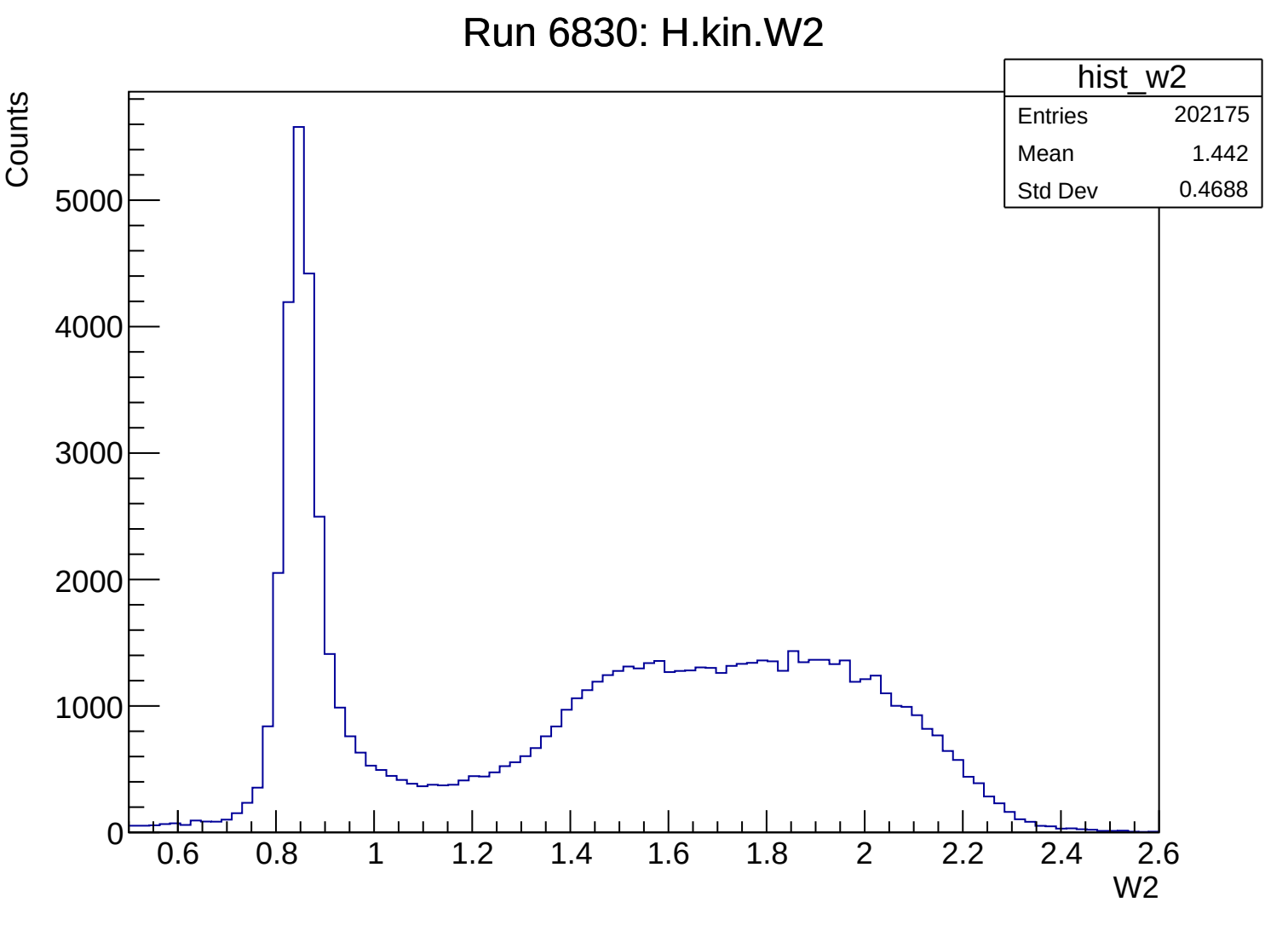

Run 6829: NPS.kin.secondary.pmiss_z
hist_pmiss_z
Entries 190835
Mean −2.788
Std Dev 0.3498
Counts
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
−4
−3.5
−3
−2.5
−2
−1.5
−1
Pmiss_z

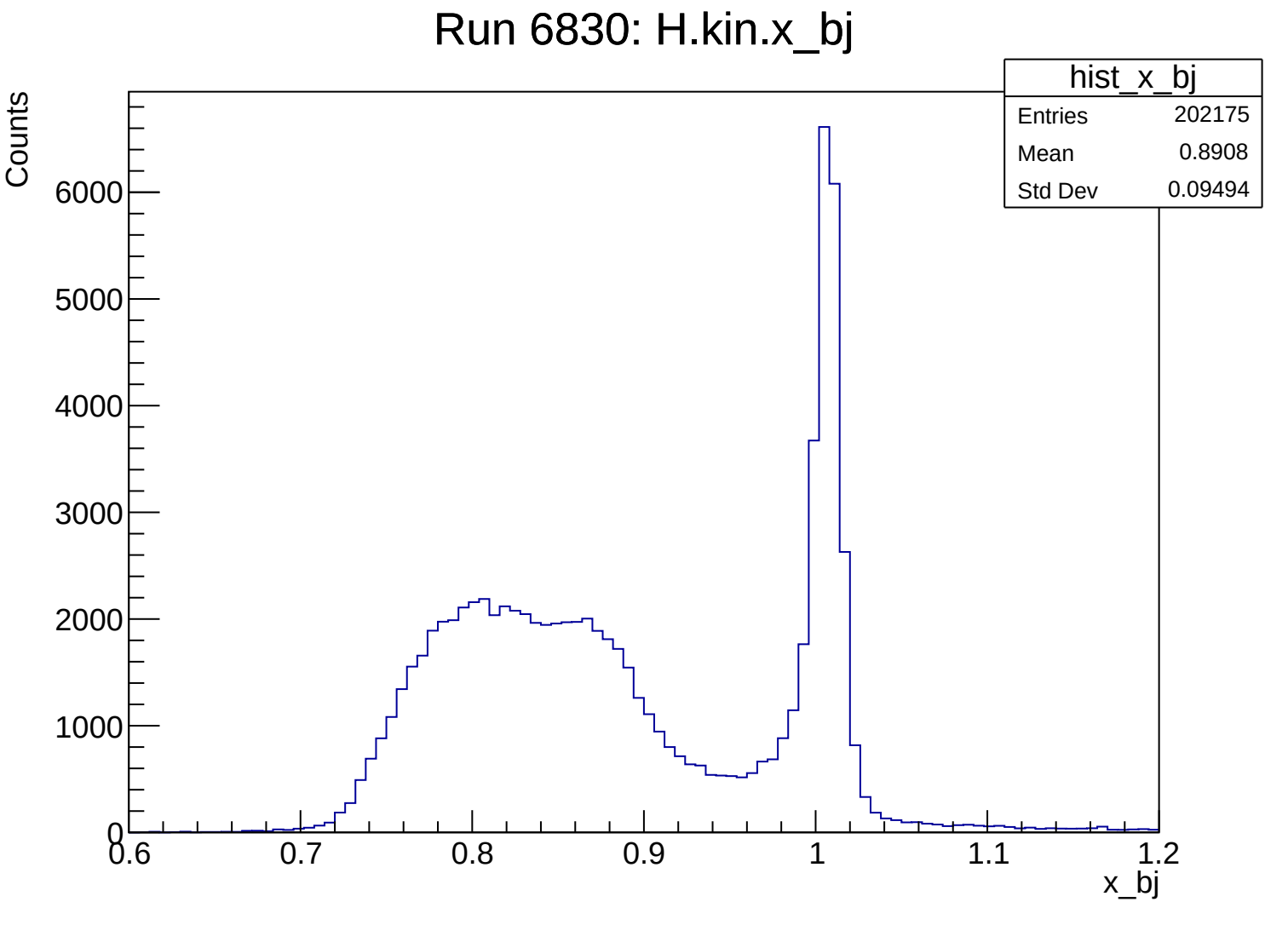

Run 6829: NPS.kin.secondary.emiss
hist_emiss
Entries 190835
Mean 2.977
Std Dev 0.4031
Counts
3000
2500
2000
1500
1000
500
0
−1
−0.5
0
0.5
1
1.5
2
2.5
3
3.5
4
Emiss

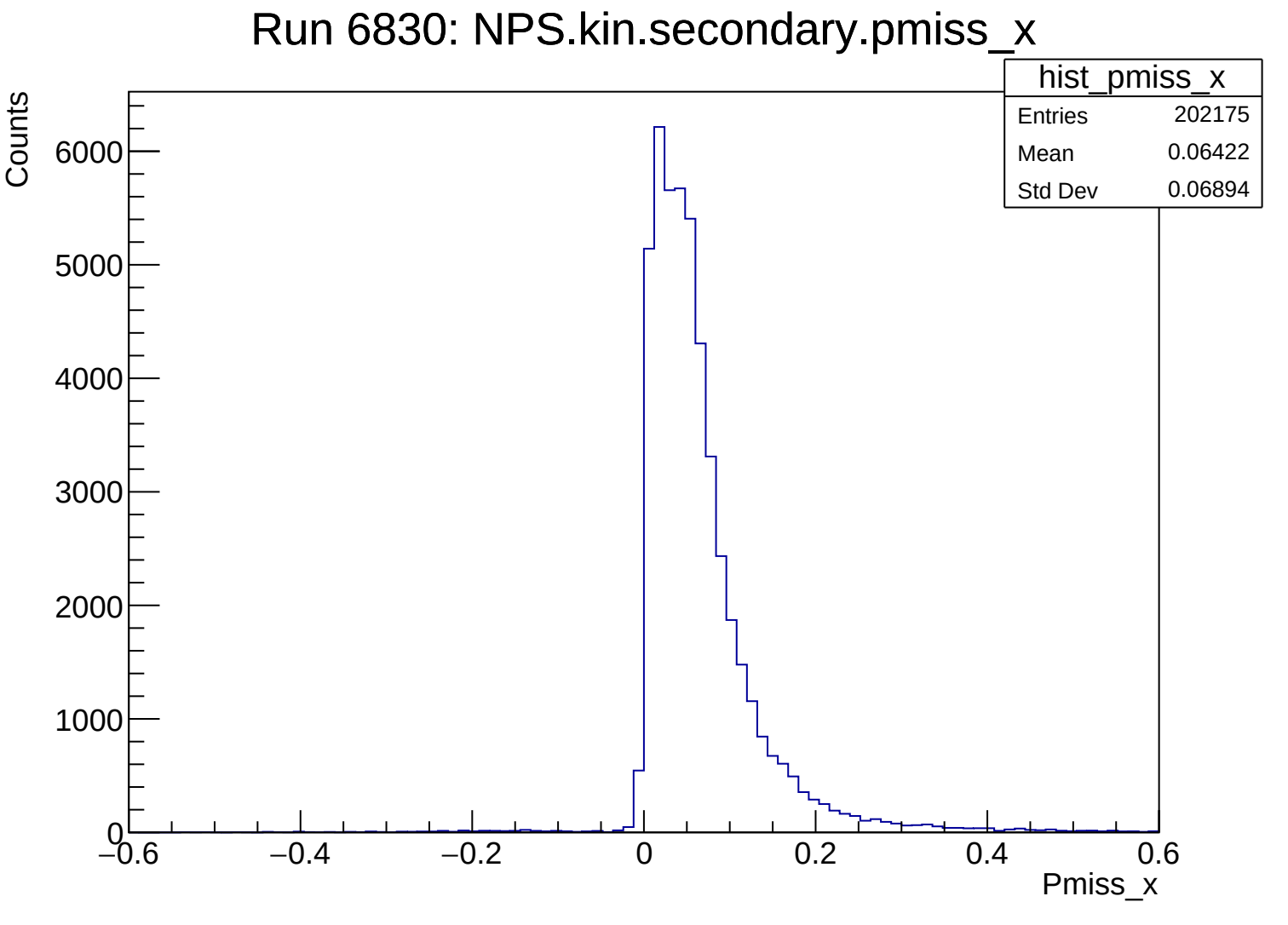

Run 6829: NPS.kin.secondary.emiss_nuc
hist_emiss_nuc
Entries 190835
Mean 0.1333
Std Dev 0.22
Counts
8000
7000
6000
5000
4000
3000
2000
1000
0
−1
−0.5
0
0.5
1
1.5
Emiss_nuc

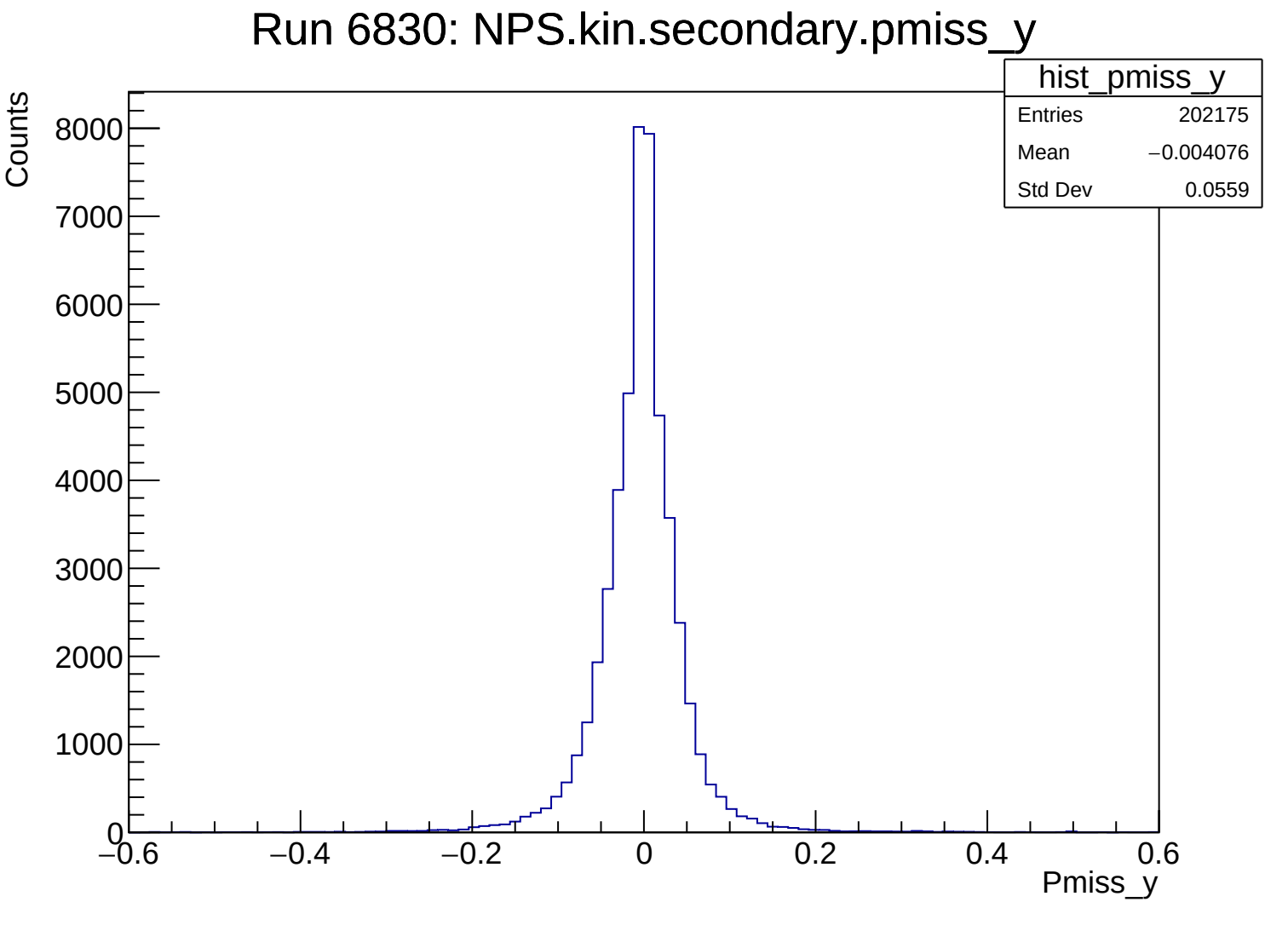

Run 6829: H.gtr.ph
hist_ph
Entries 190835
Mean 0.01029
Std Dev 0.0138
Counts
2500
2000
1500
1000
500
0
–0.05
–0.04
–0.03
–0.02
–0.01
0
0.01
0.02
0.03
0.04
0.05
H.gtr.ph

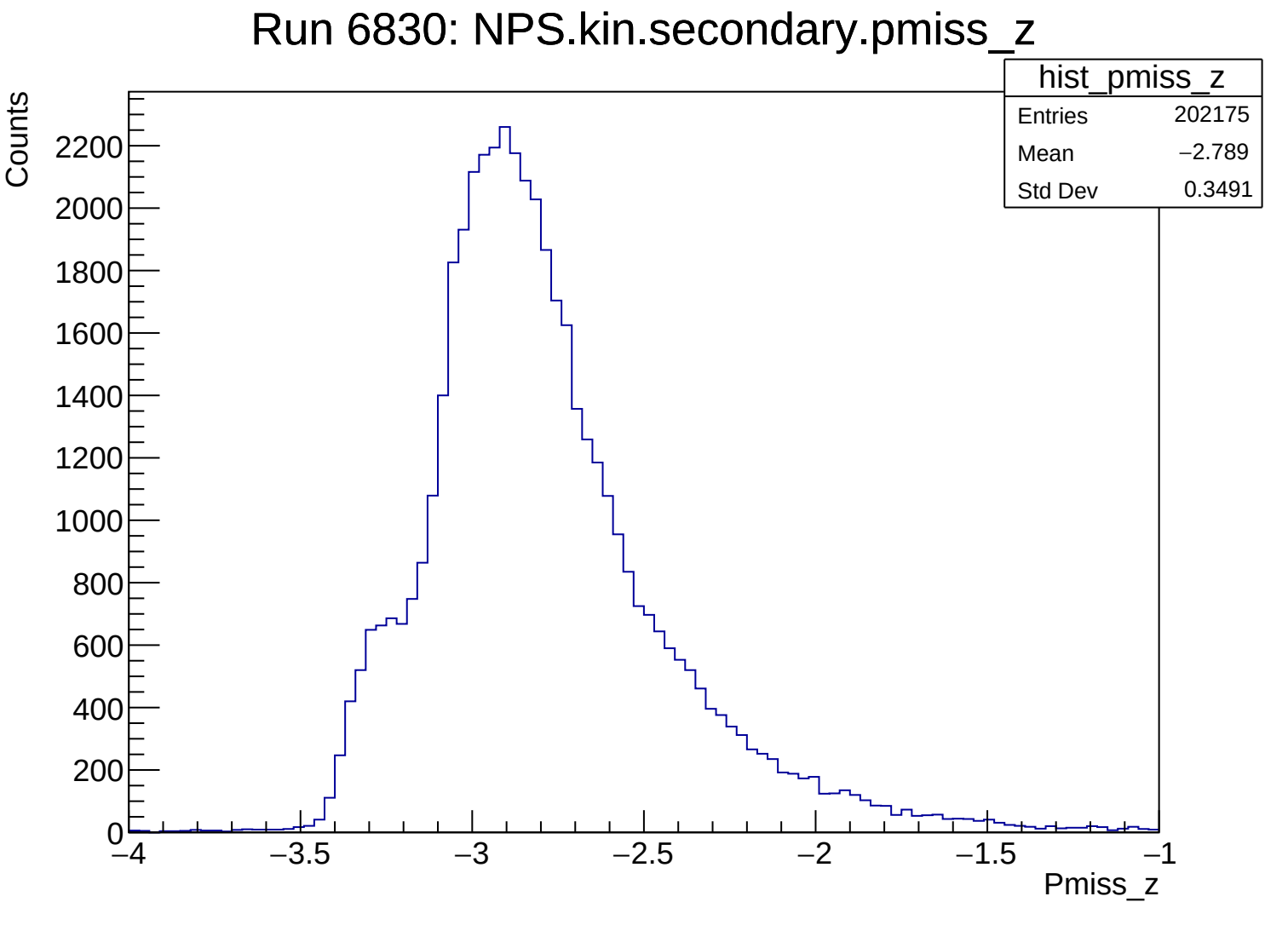

Run 6829: H.gtr.th
hist_th
Entries 190835
Mean −0.01033
Std Dev 0.03744
Counts
1400
1200
1000
800
600
400
200
0
−0.1
−0.08
−0.06
−0.04
−0.02
0
0.02
0.04
0.06
0.08
0.1
H.gtr.th

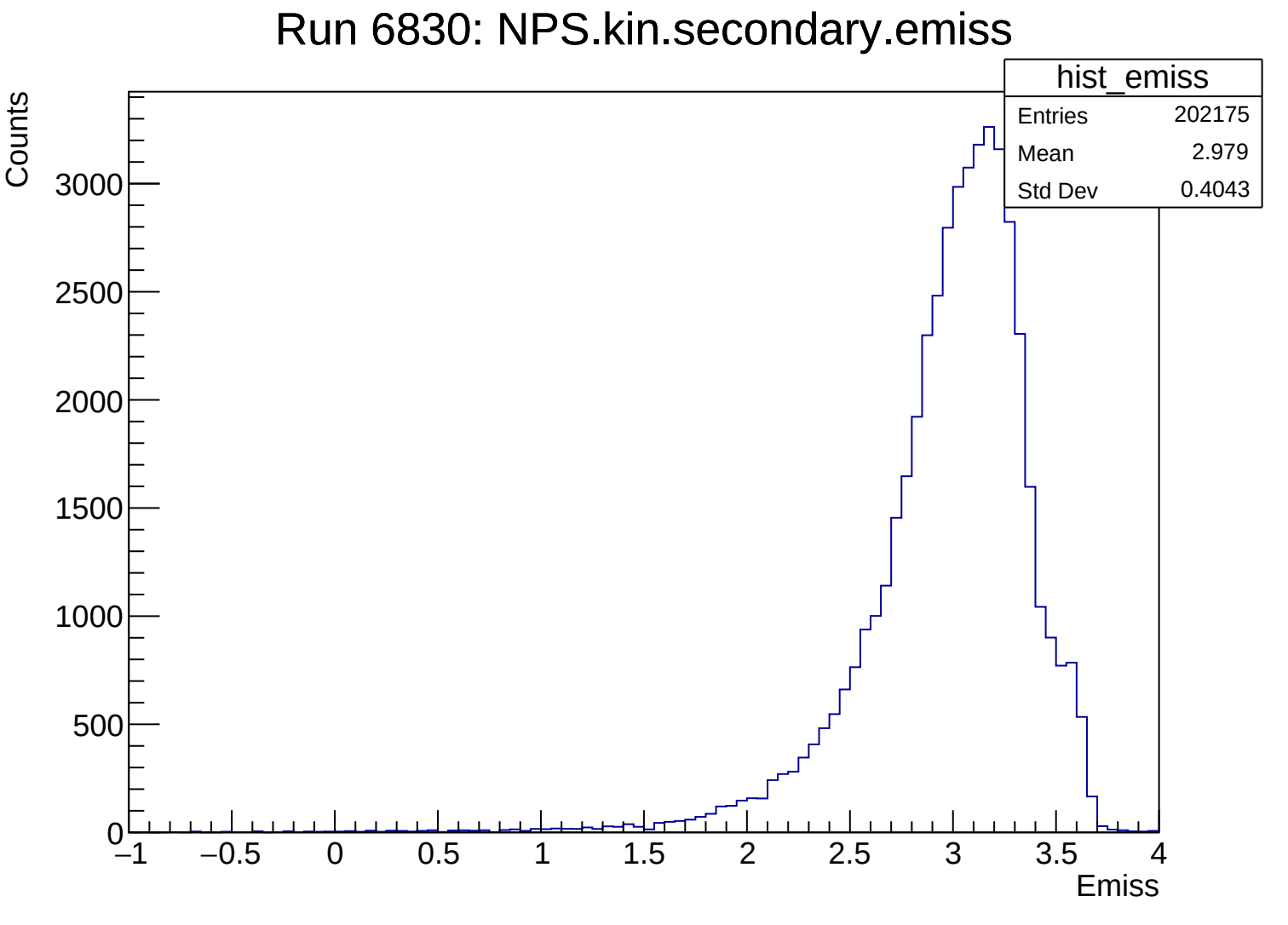

Run 6830: H.kin.W2
hist_w2
Entries 202175
Mean 1.442
Std Dev 0.4688
Counts
5000
4000
3000
2000
1000
0
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
2.4
2.6
W2

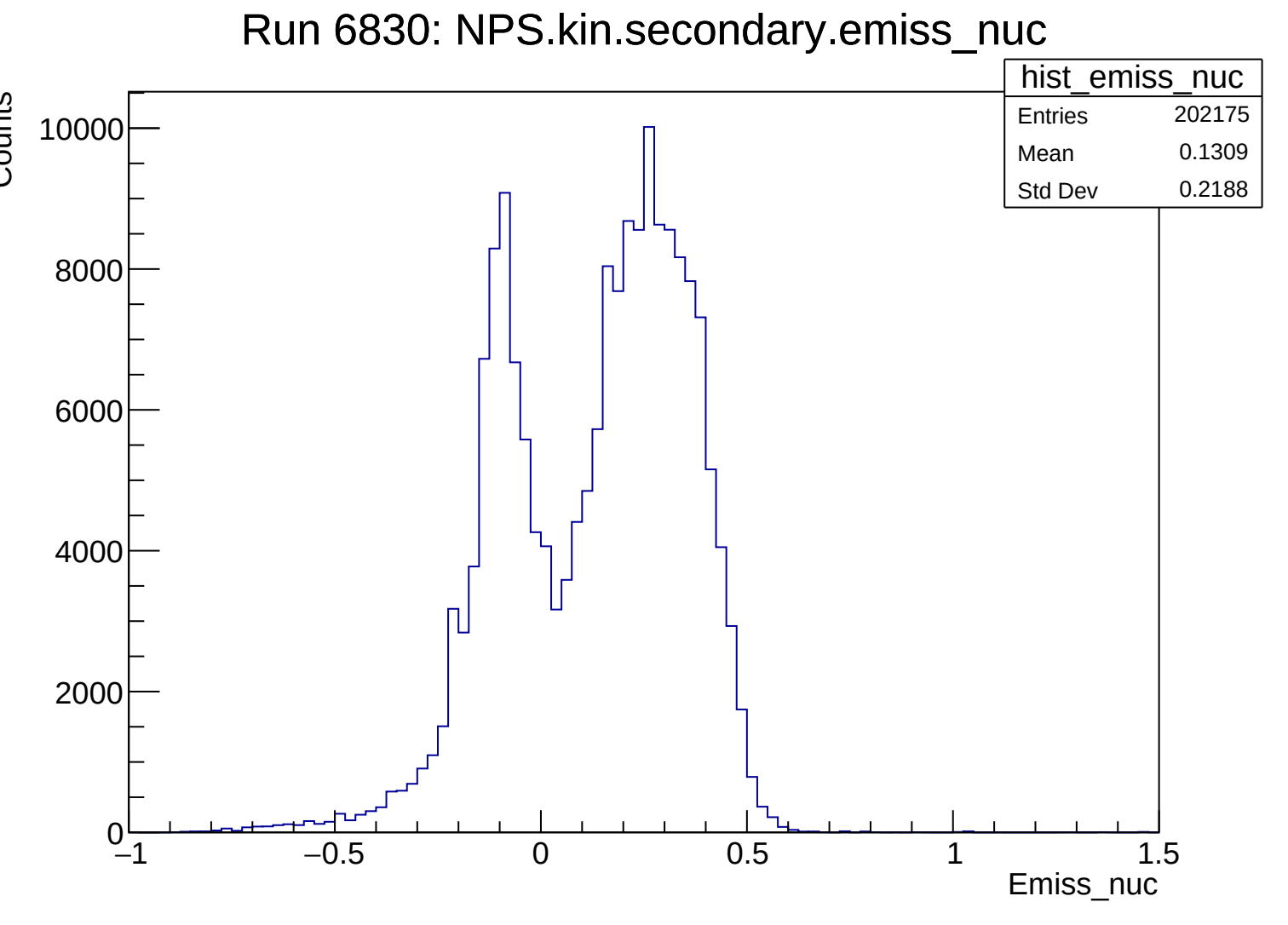

Run 6830: H.kin.x_bj
hist_x_bj
Entries 202175
Mean 0.8908
Std Dev 0.09494
Counts
6000
5000
4000
3000
2000
1000
0
0.6
0.7
0.8
0.9
1
1.1
1.2
x_bj

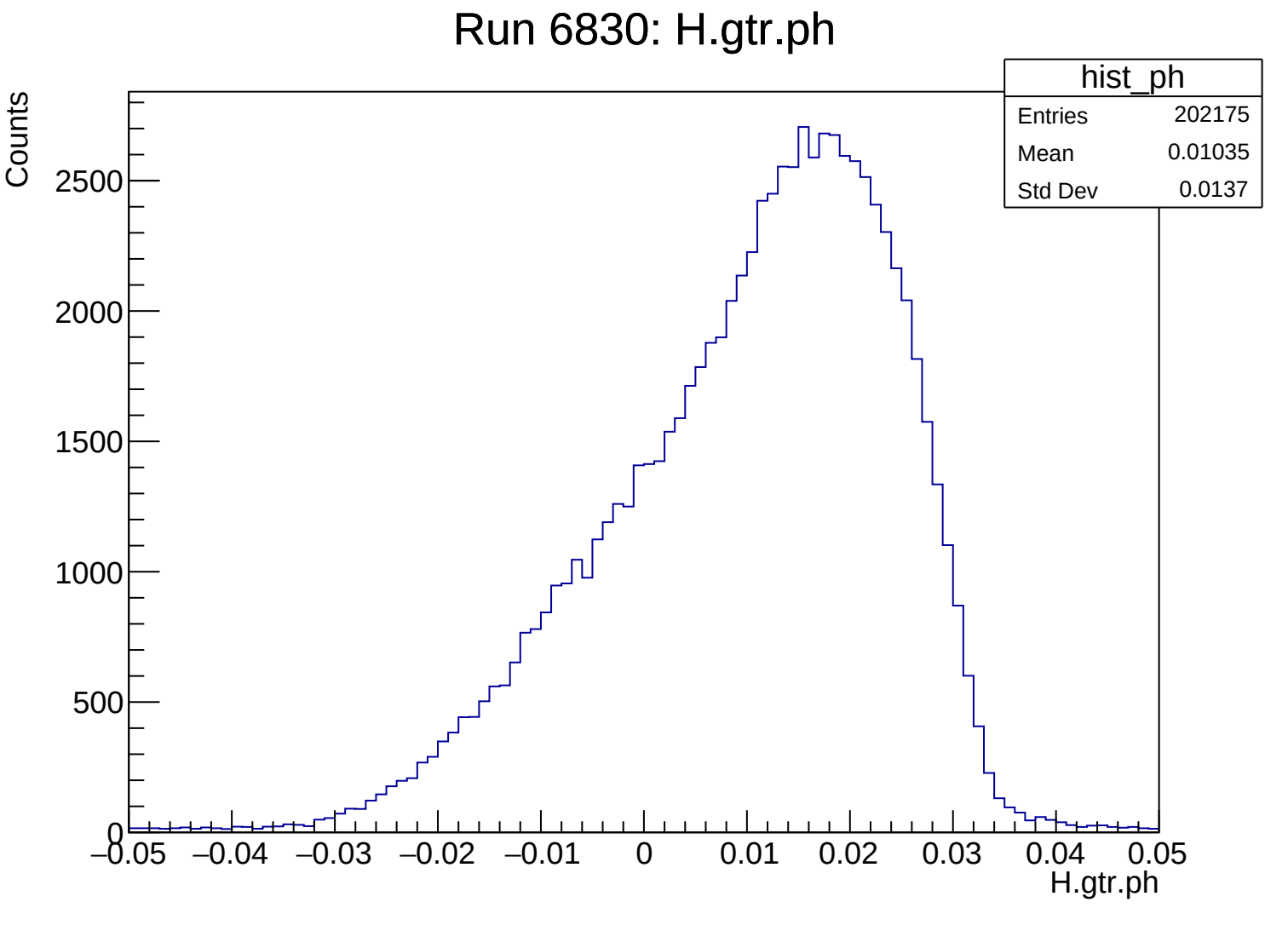

Run 6830: NPS.kin.secondary.pmiss_x
hist_pmiss_x
Entries 202175
Mean 0.06422
Std Dev 0.06894
Counts
6000
5000
4000
3000
2000
1000
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_x

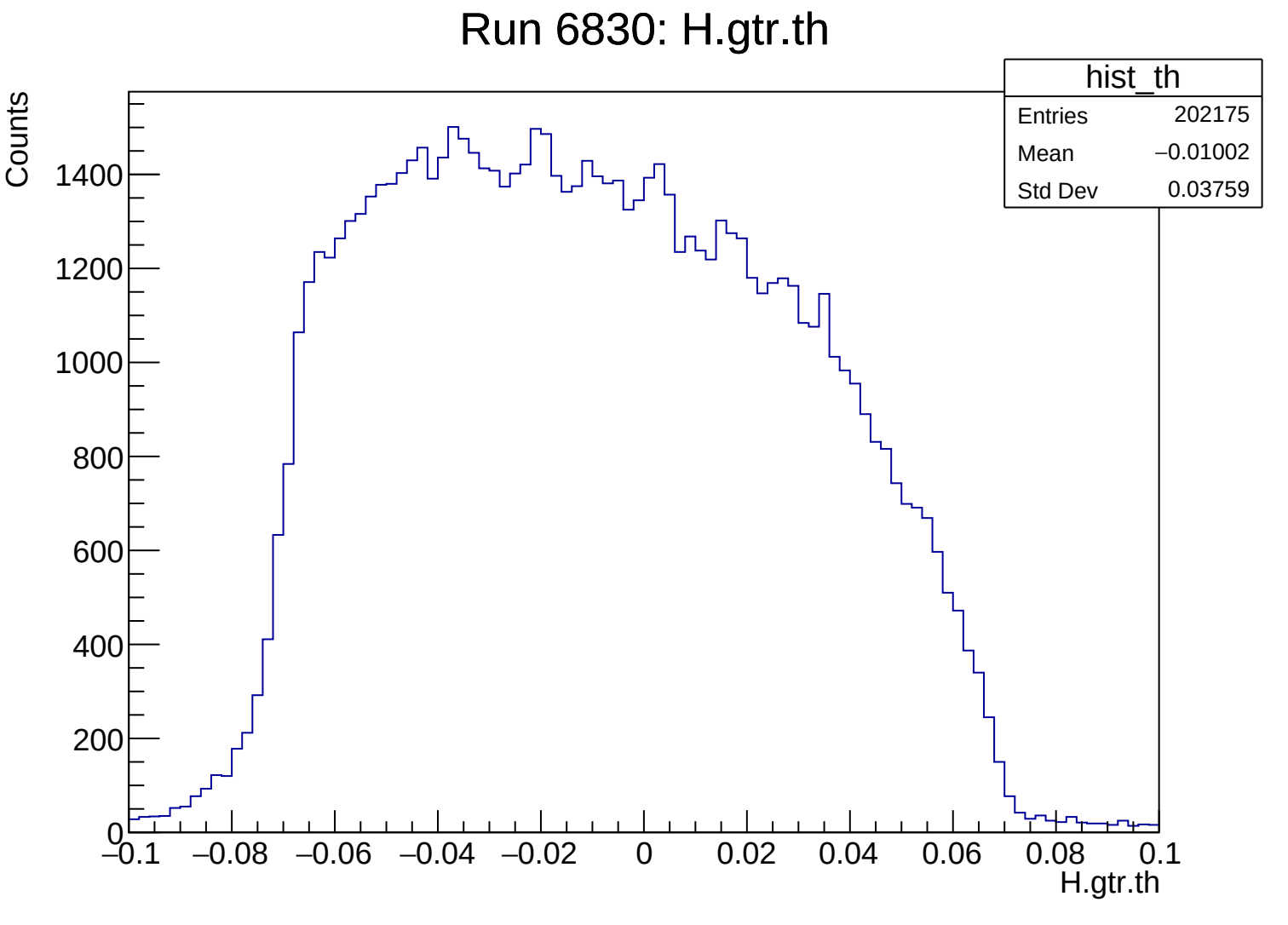

Run 6830: NPS.kin.secondary.pmiss_y
hist_pmiss_y
Entries 202175
Mean −0.004076
Std Dev 0.0559
Counts
8000
7000
6000
5000
4000
3000
2000
1000
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_y

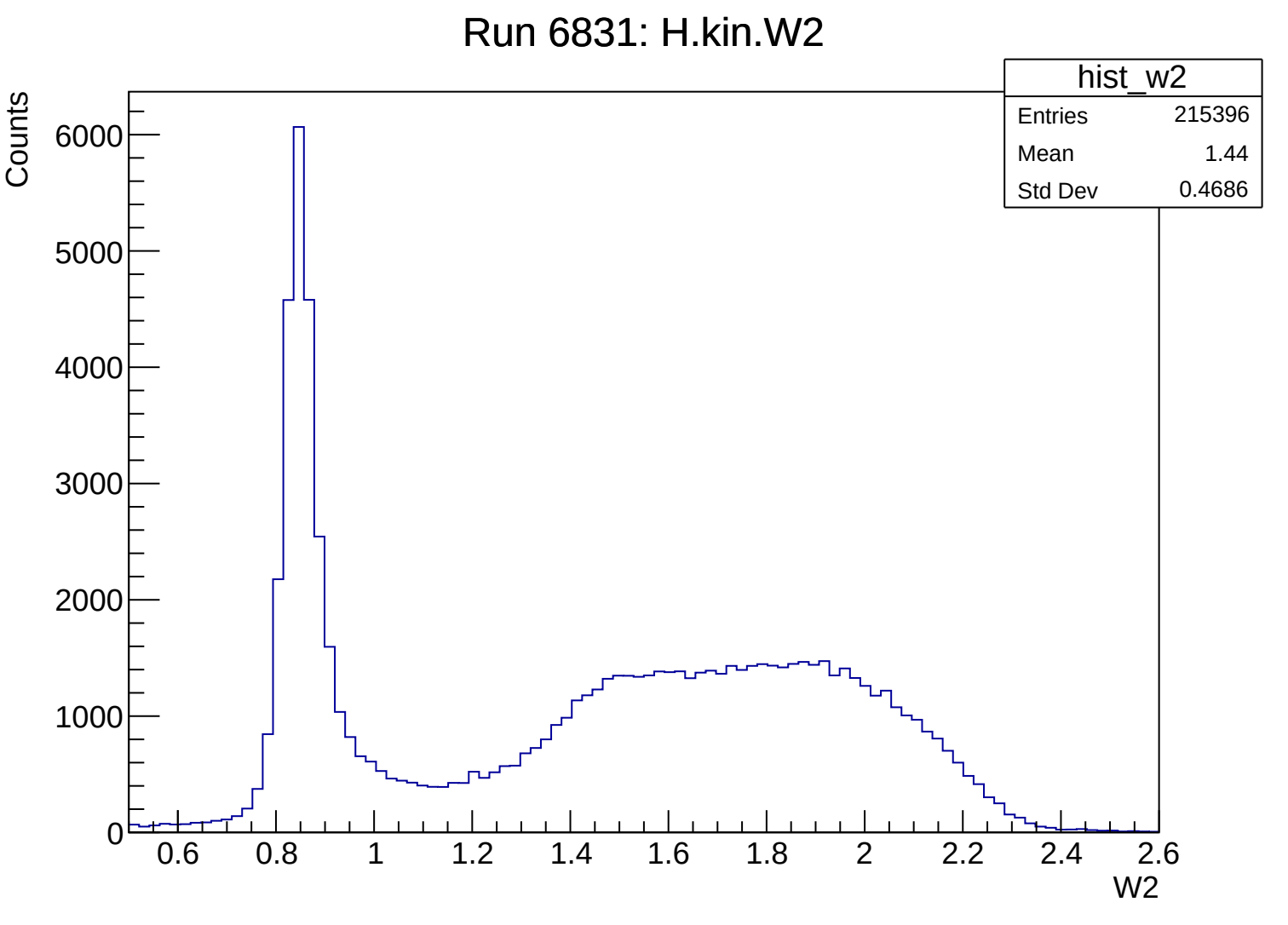

Run 6830: NPS.kin.secondary.pmiss_z
hist_pmiss_z
Entries 202175
Mean −2.789
Std Dev 0.3491
Counts
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
−4
−3.5
−3
−2.5
−2
−1.5
−1
Pmiss_z

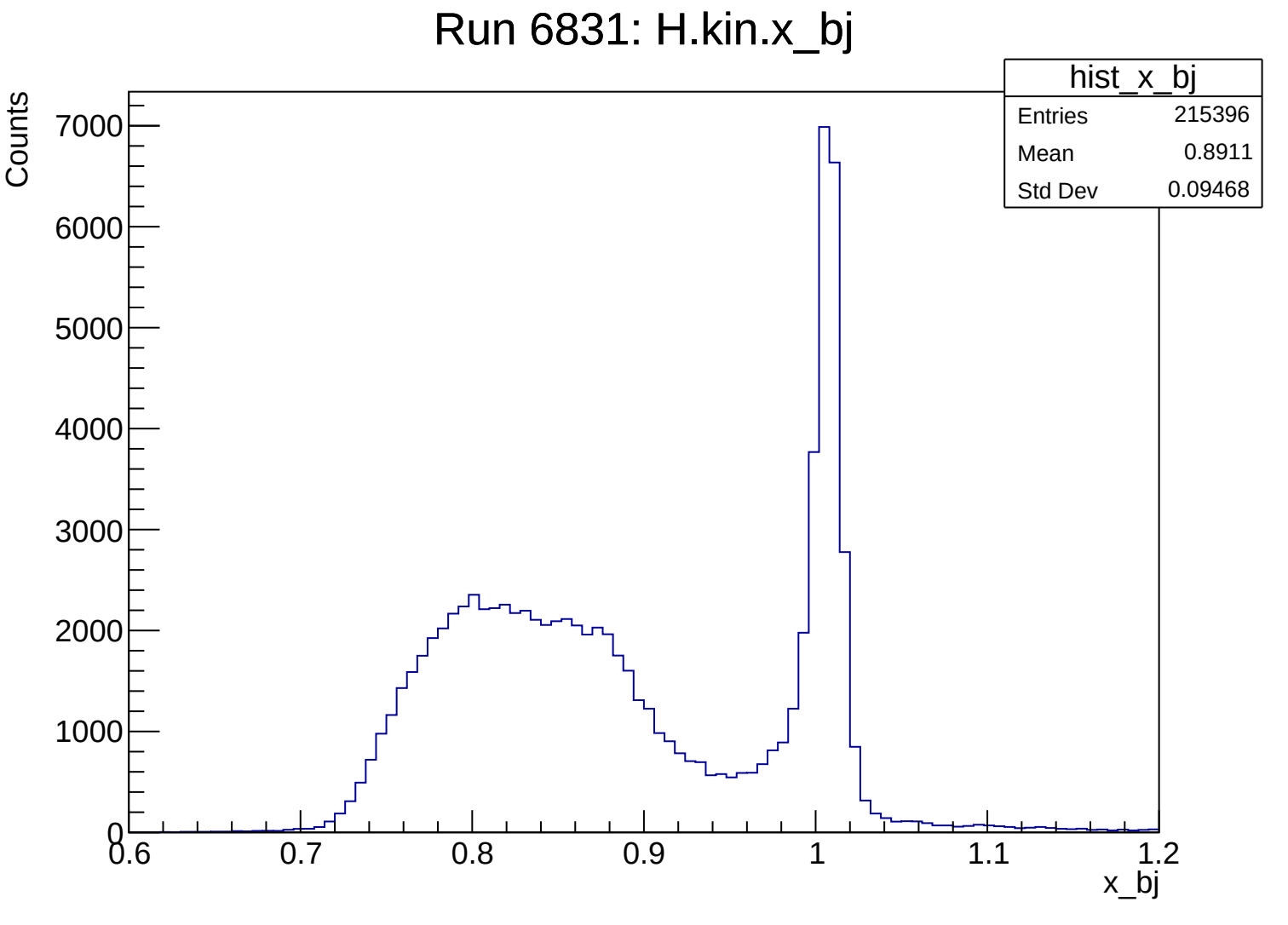

Run 6830: NPS.kin.secondary.emiss
hist_emiss
Entries 202175
Mean 2.979
Std Dev 0.4043
Counts
3000
2500
2000
1500
1000
500
0
−1
−0.5
0
0.5
1
1.5
2
2.5
3
3.5
4
Emiss

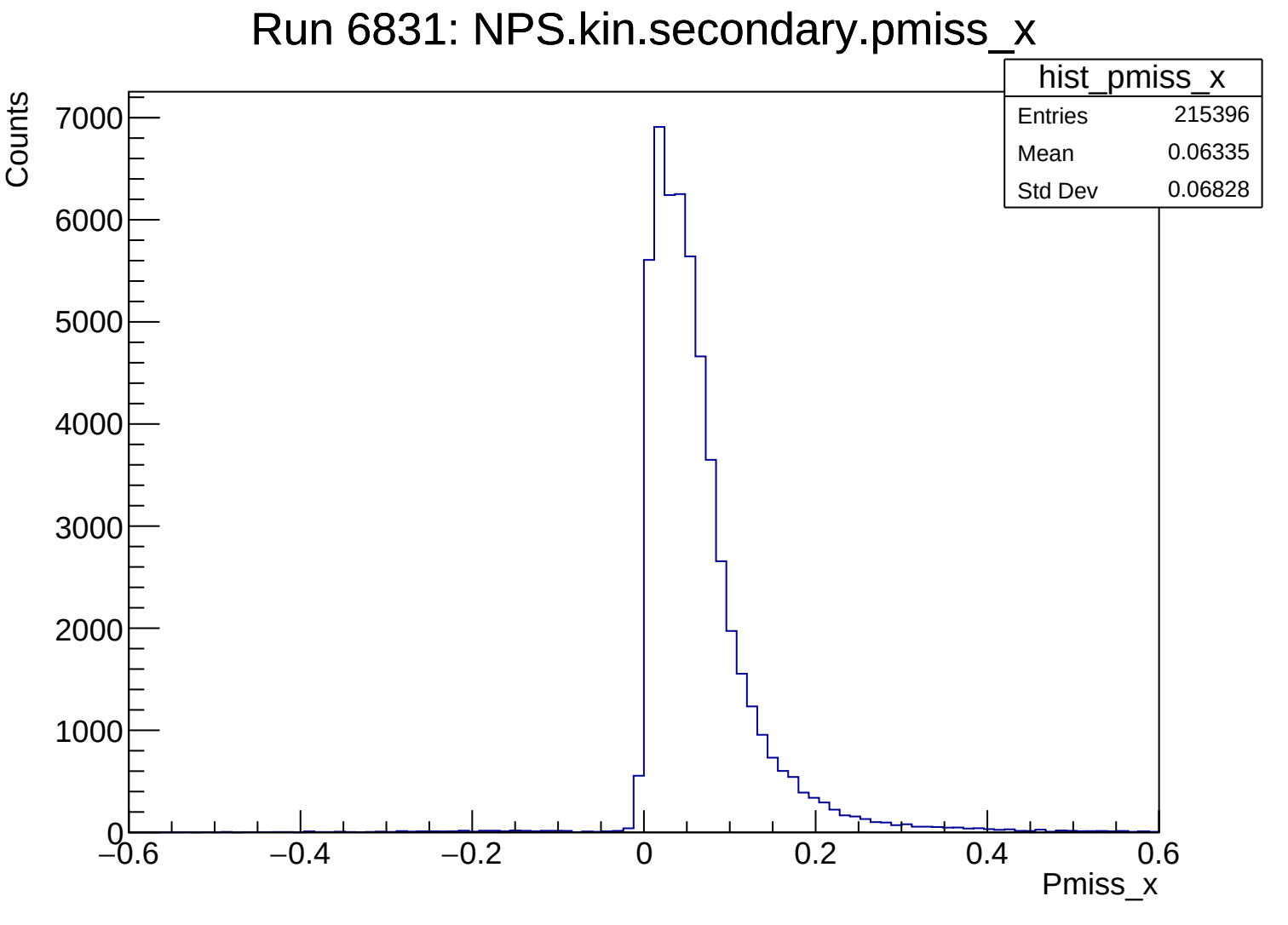

Run 6830: NPS.kin.secondary.emiss_nuc
hist_emiss_nuc
Entries 202175
Mean 0.1309
Std Dev 0.2188
Counts
10000
8000
6000
4000
2000
0
−1
−0.5
0
0.5
1
1.5
Emiss_nuc

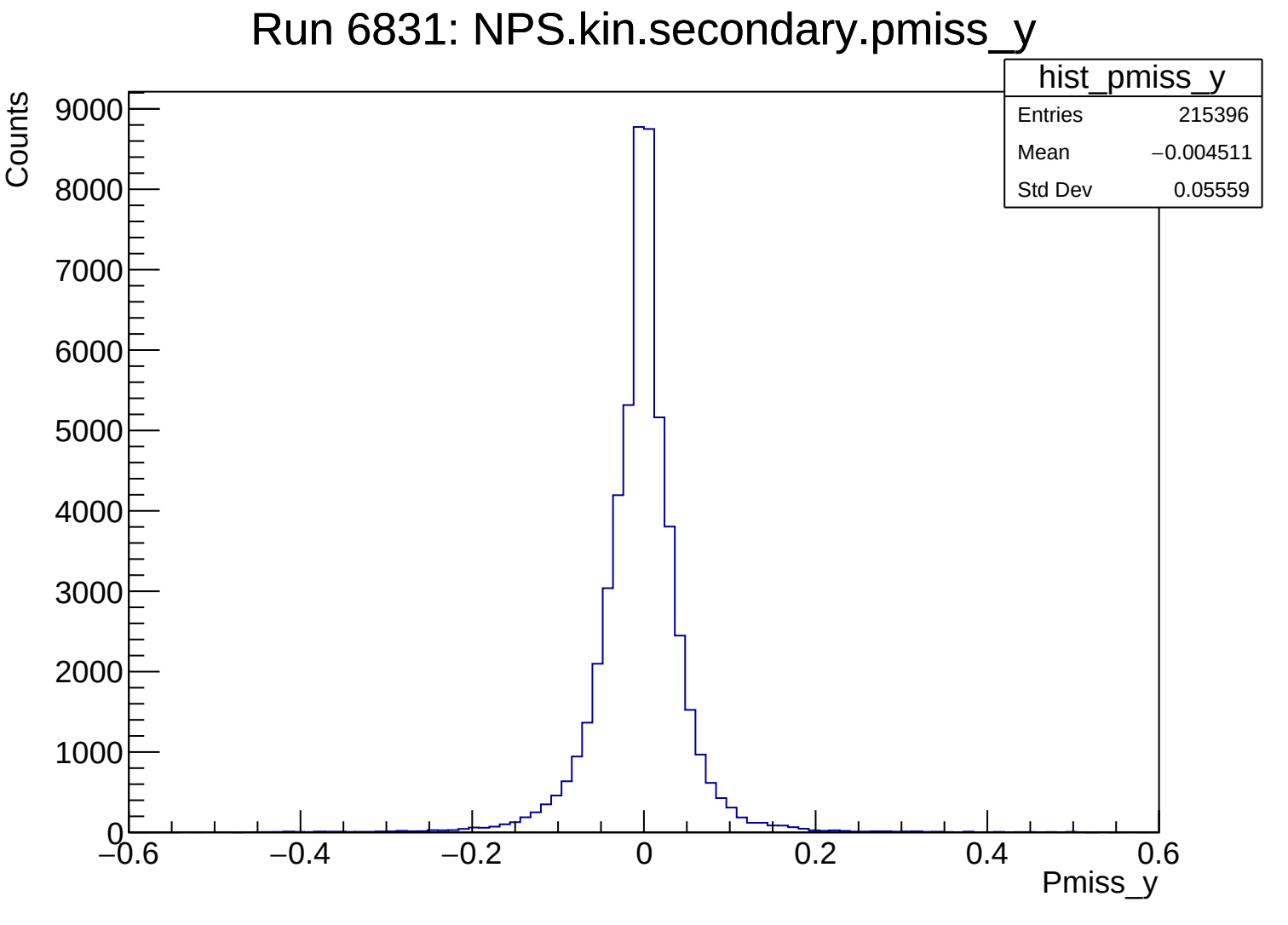

Run 6830: H.gtr.ph
hist_ph
Entries 202175
Mean 0.01035
Std Dev 0.0137
Counts
2500
2000
1500
1000
500
0
–0.05
–0.04
–0.03
–0.02
–0.01
0
0.01
0.02
0.03
0.04
0.05
H.gtr.ph

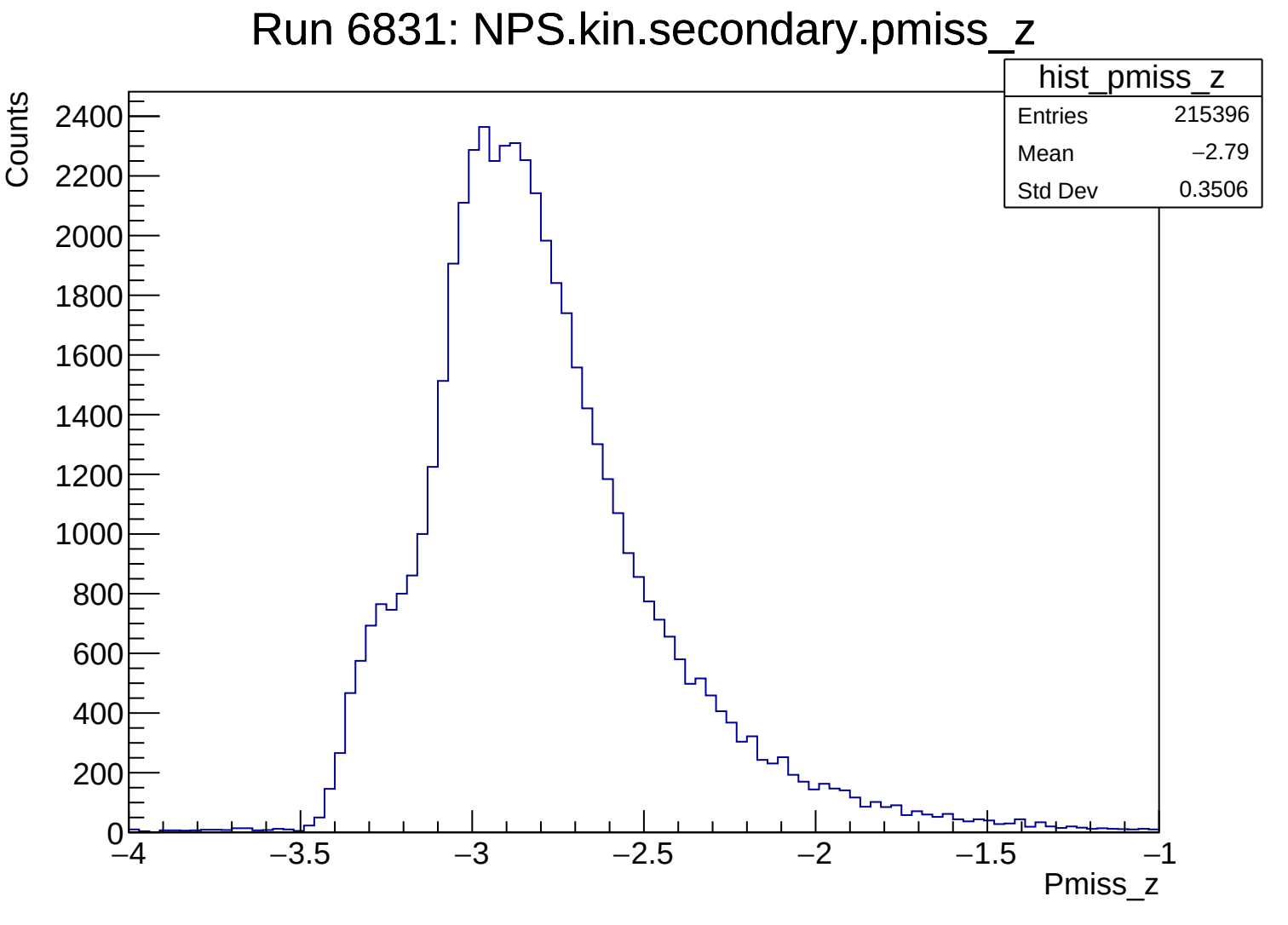

Run 6830: H.gtr.th
hist_th
Entries 202175
Mean −0.01002
Std Dev 0.03759
Counts
1400
1200
1000
800
600
400
200
0
−0.1
−0.08
−0.06
−0.04
−0.02
0
0.02
0.04
0.06
0.08
0.1
H.gtr.th

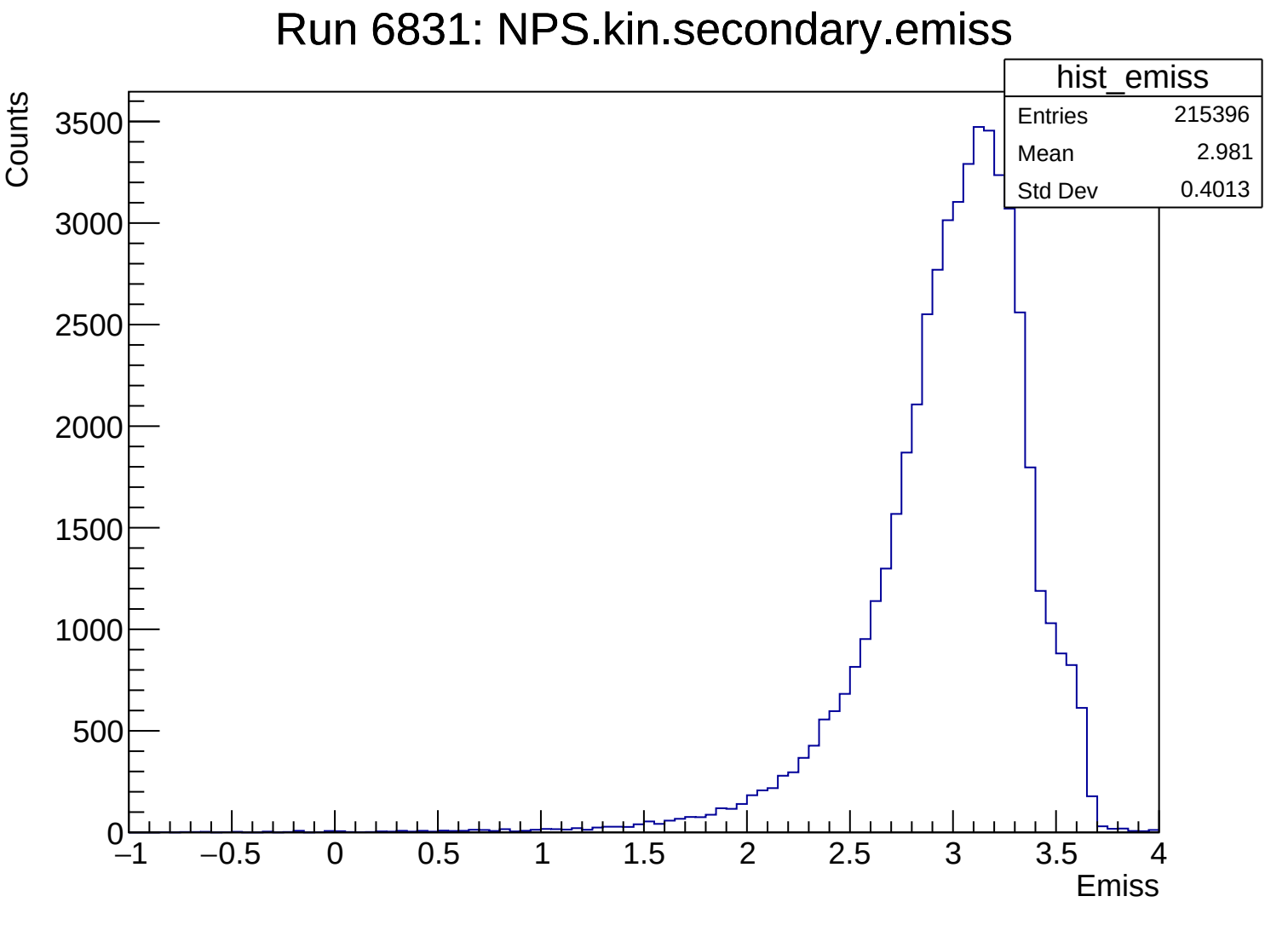

Run 6831: H.kin.W2
hist_w2
Entries 215396
Mean 1.44
Std Dev 0.4686
Counts
6000
5000
4000
3000
2000
1000
0
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
2.4
2.6
W2

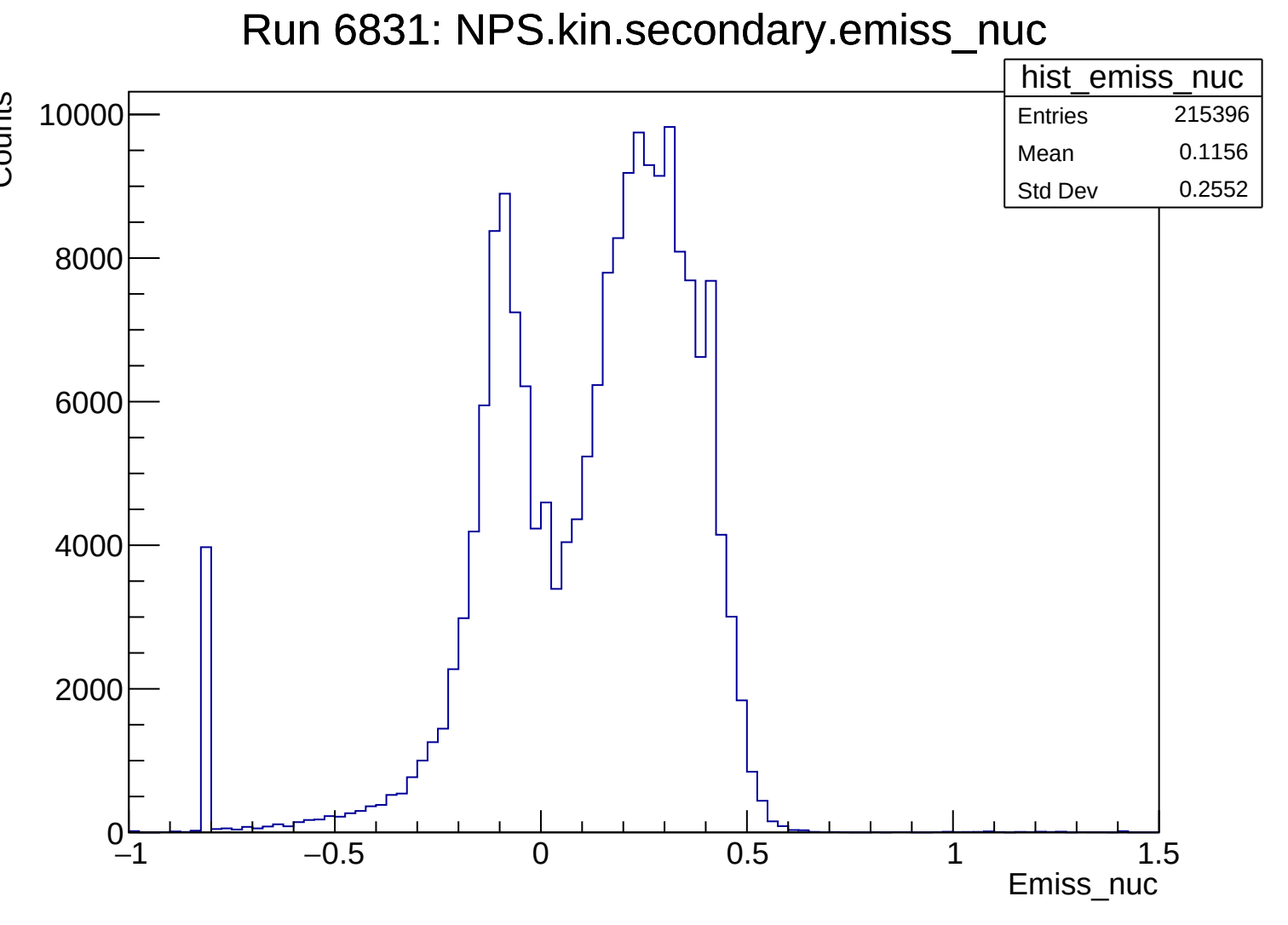

Run 6831: H.kin.x_bj
hist_x_bj
Entries 215396
Mean 0.8911
Std Dev 0.09468
Counts
7000
6000
5000
4000
3000
2000
1000
0
0.6
0.7
0.8
0.9
1
1.1
1.2
x_bj

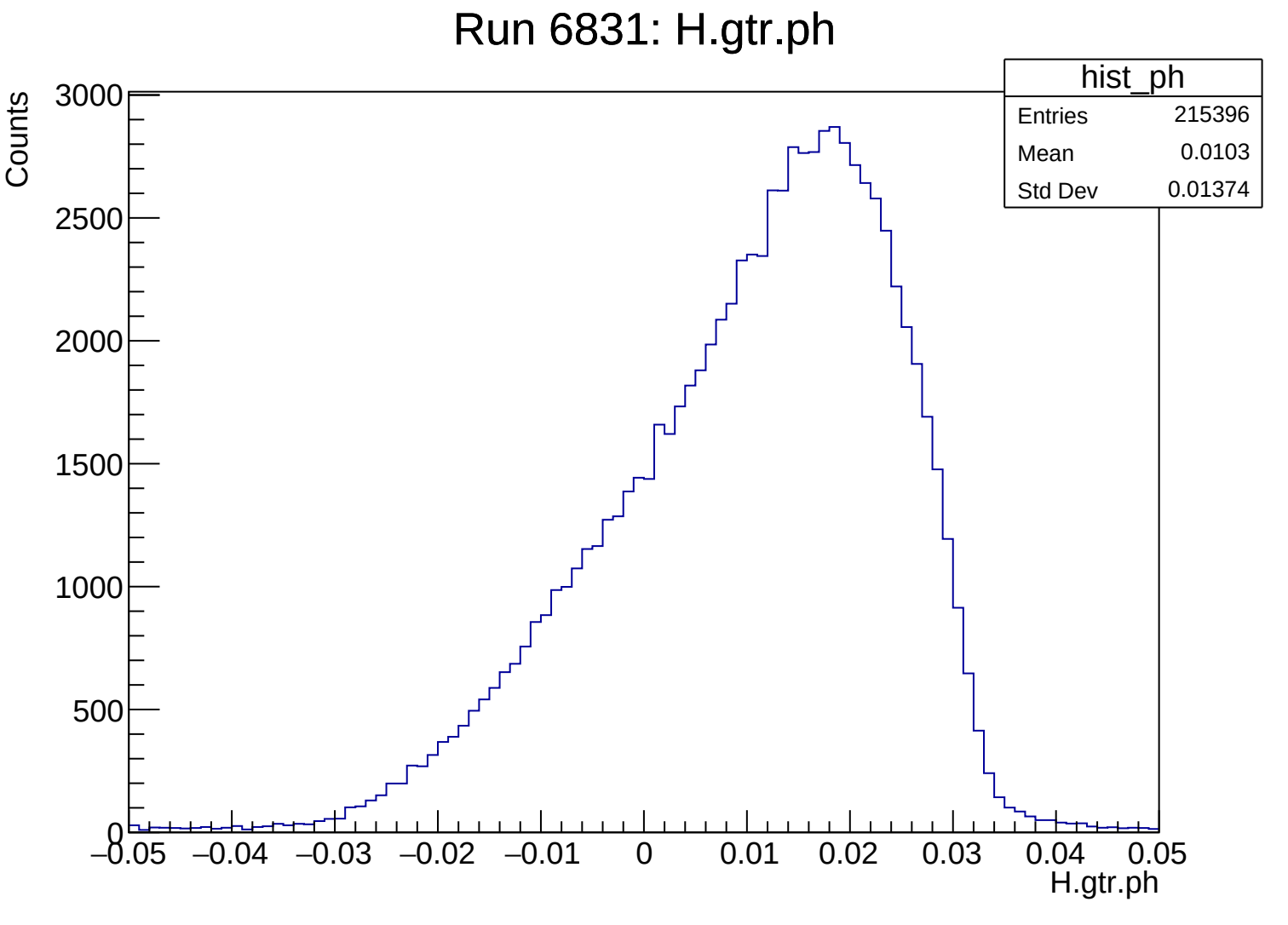

Run 6831: NPS.kin.secondary.pmiss_x
hist_pmiss_x
Entries 215396
Mean 0.06335
Std Dev 0.06828
Counts
7000
6000
5000
4000
3000
2000
1000
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_x

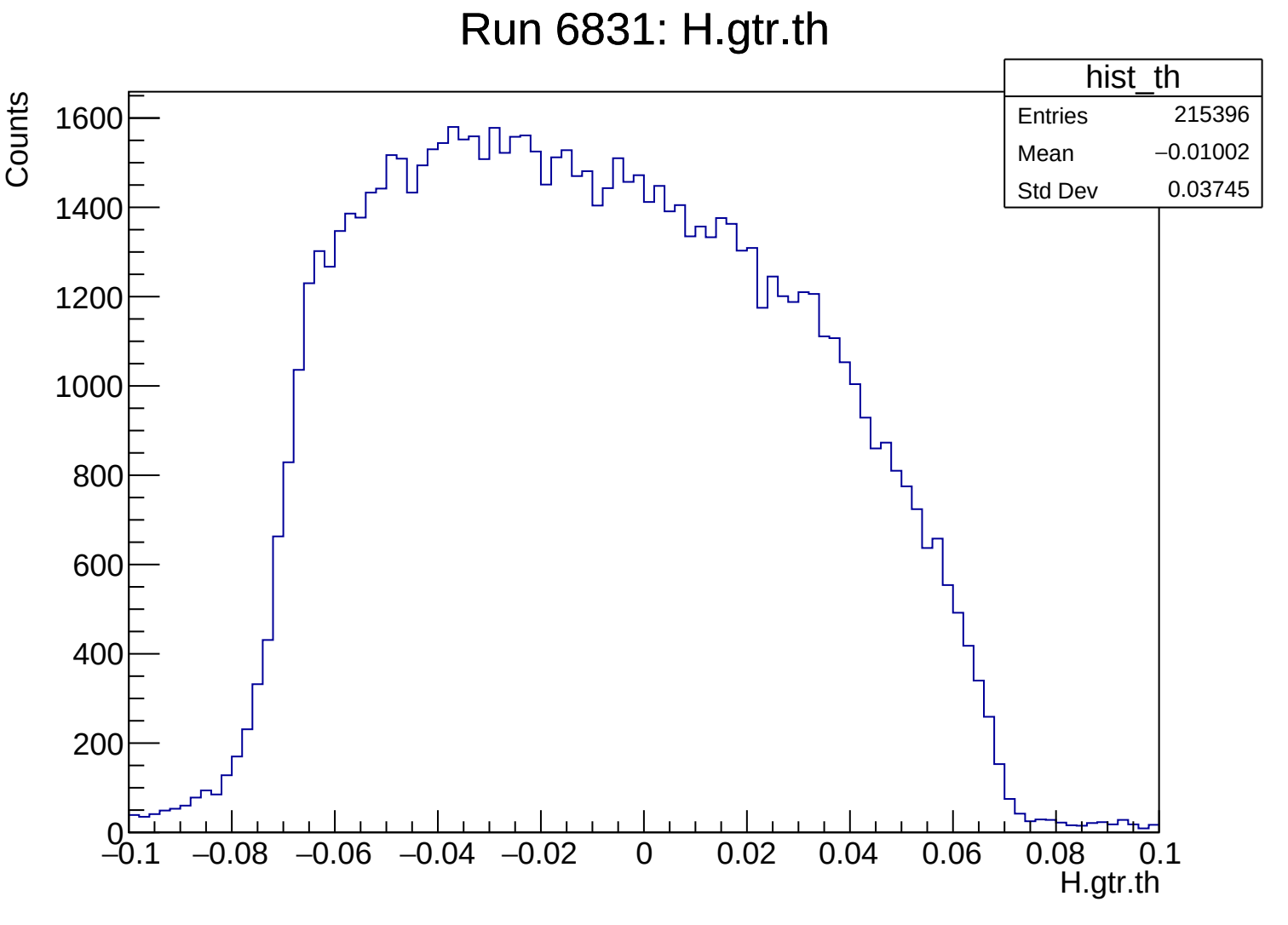

Run 6831: NPS.kin.secondary.pmiss_y
hist_pmiss_y
Entries 215396
Mean −0.004511
Std Dev 0.05559
Counts
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_y

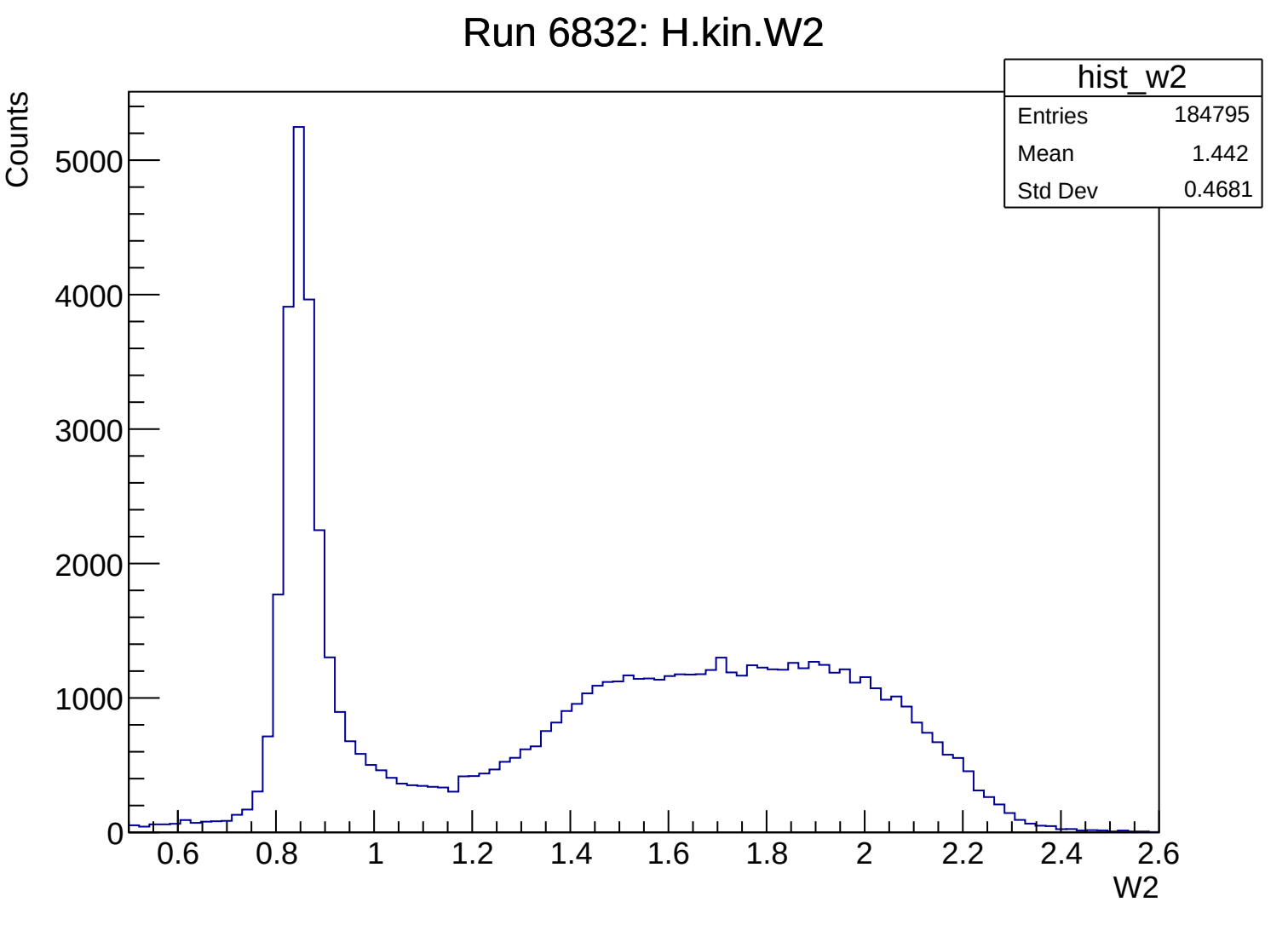

Run 6831: NPS.kin.secondary.pmiss_z
hist_pmiss_z
Entries 215396
Mean −2.79
Std Dev 0.3506
Counts
2400
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
−4
−3.5
−3
−2.5
−2
−1.5
−1
Pmiss_z

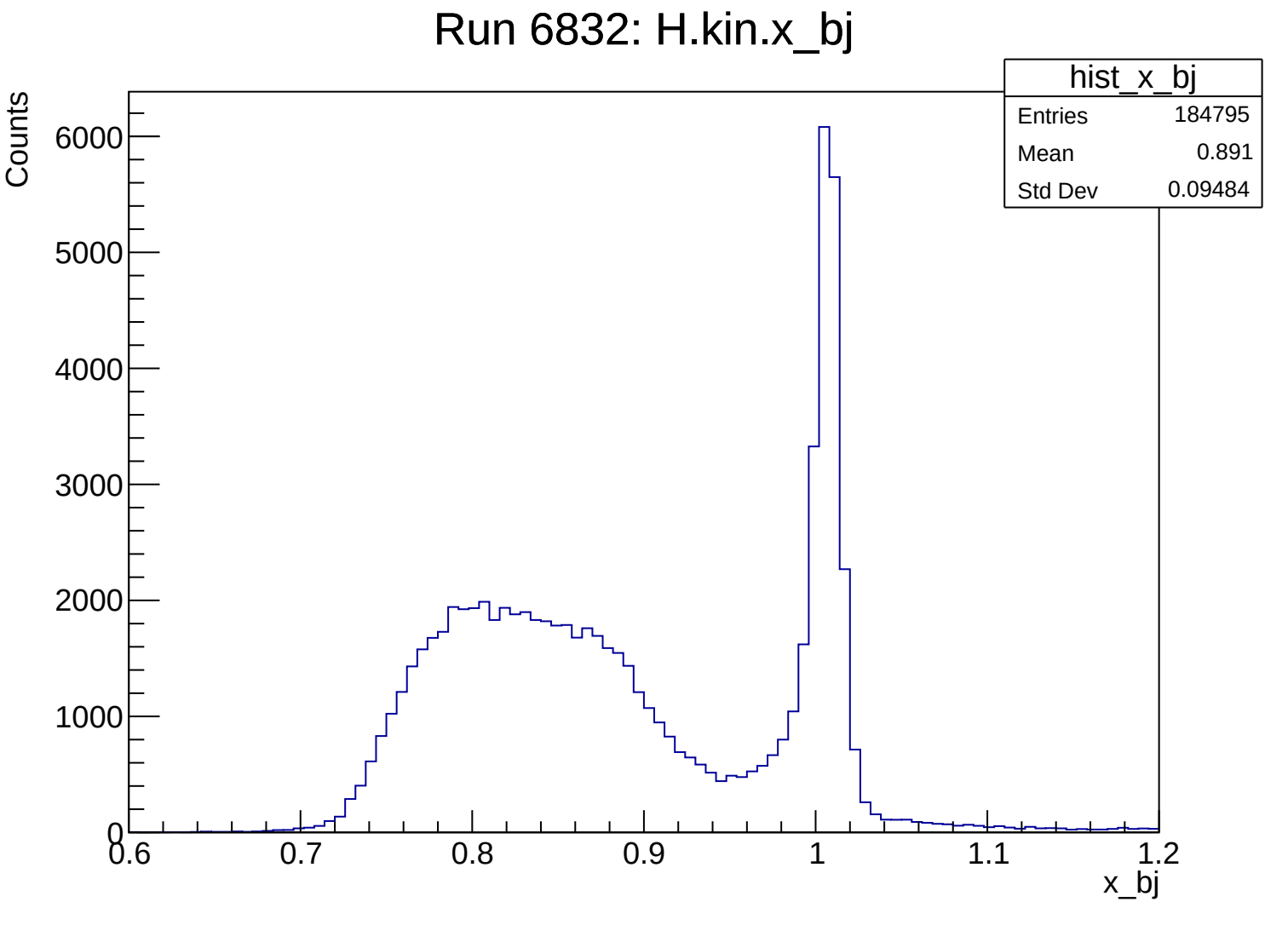

Run 6831: NPS.kin.secondary.emiss
hist_emiss
Entries 215396
Mean 2.981
Std Dev 0.4013
Counts
3500
3000
2500
2000
1500
1000
500
0
−1
−0.5
0
0.5
1
1.5
2
2.5
3
3.5
4
Emiss

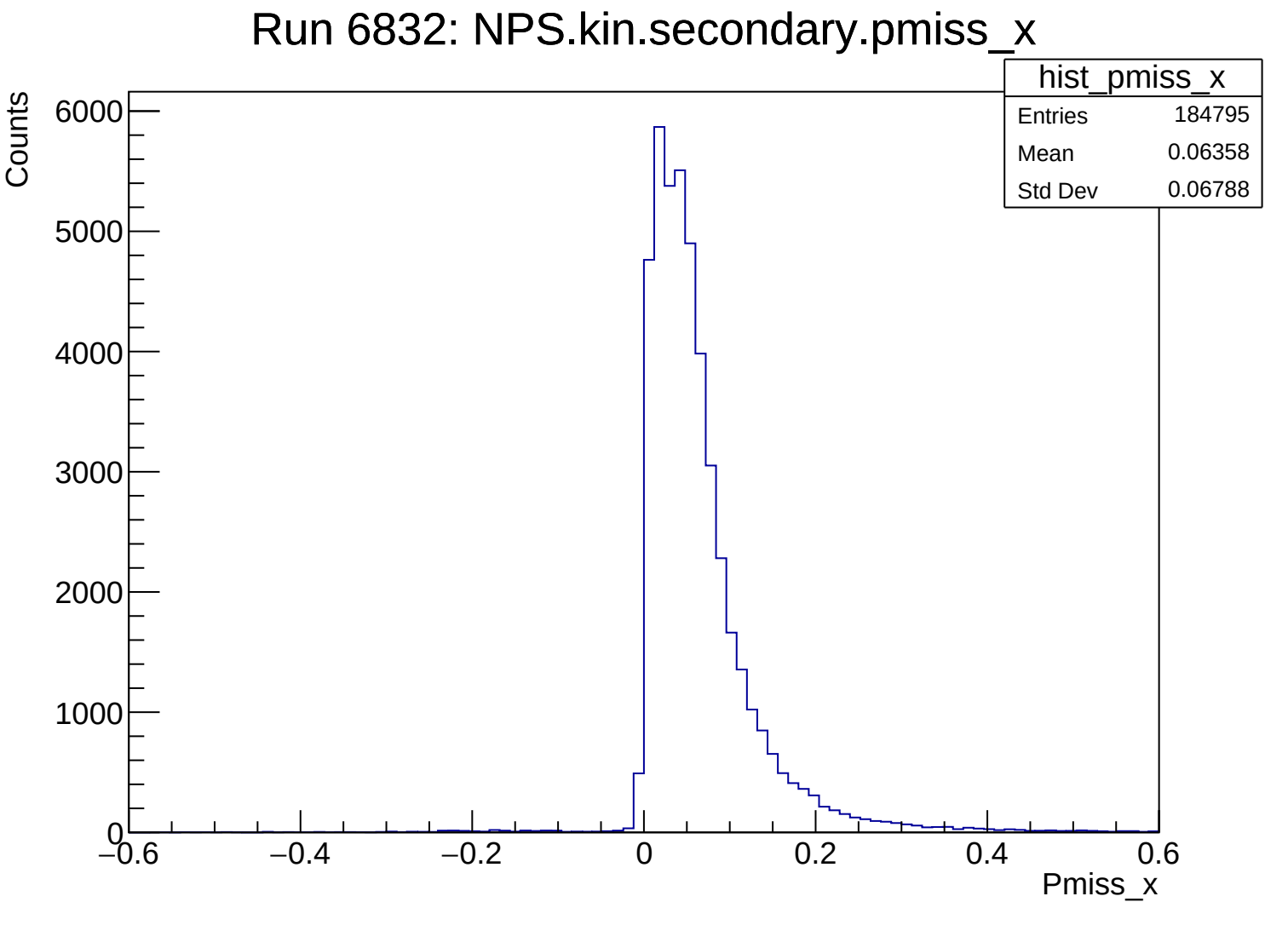

Run 6831: NPS.kin.secondary.emiss_nuc
hist_emiss_nuc
Entries 215396
Mean 0.1156
Std Dev 0.2552
Counts
10000
8000
6000
4000
2000
0
−1
−0.5
0
0.5
1
1.5
Emiss_nuc

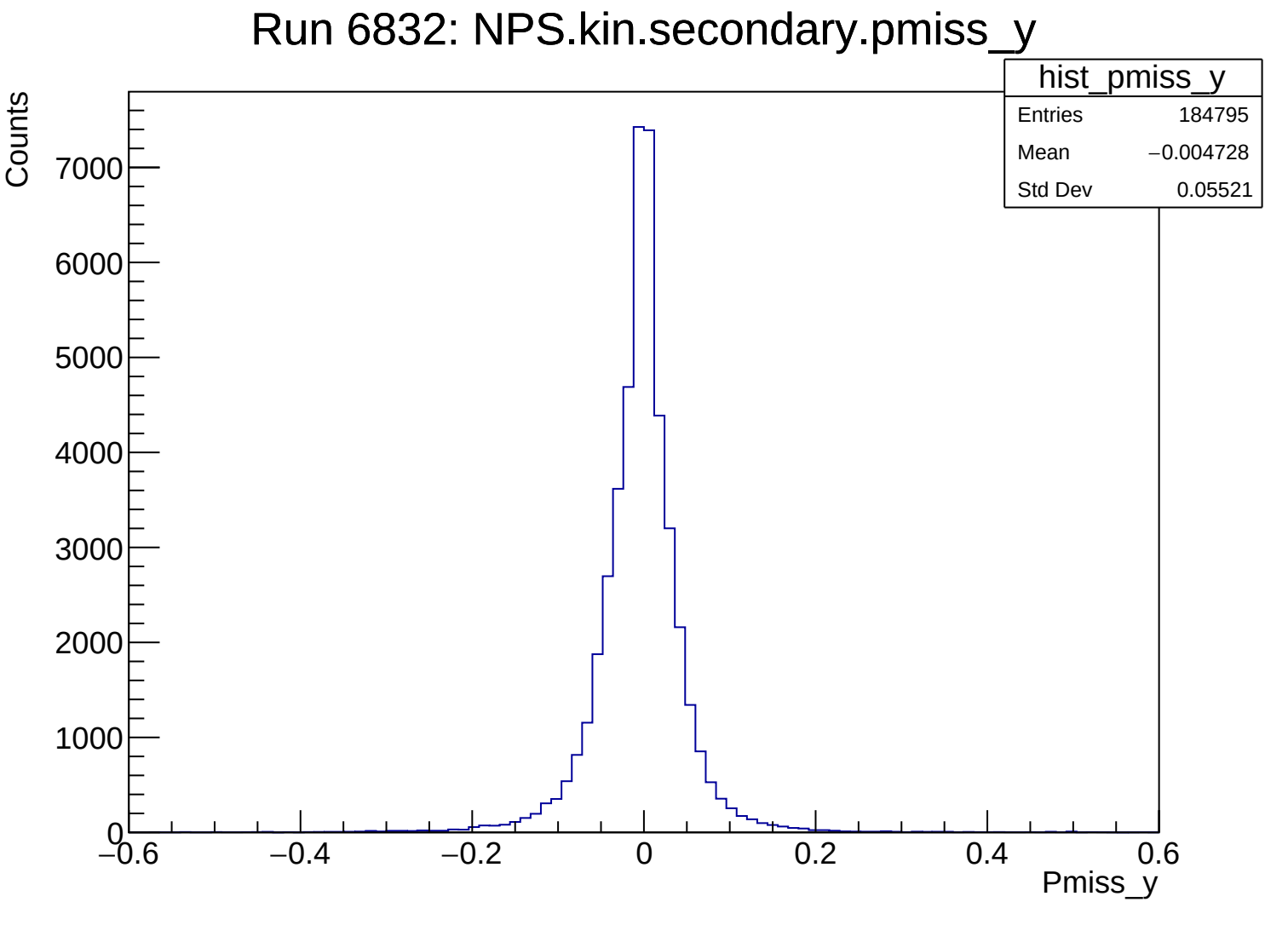

Run 6831: H.gtr.ph
hist_ph
Entries 215396
Mean 0.0103
Std Dev 0.01374
Counts
3000
2500
2000
1500
1000
500
0
–0.05
–0.04
–0.03
–0.02
–0.01
0
0.01
0.02
0.03
0.04
0.05
H.gtr.ph

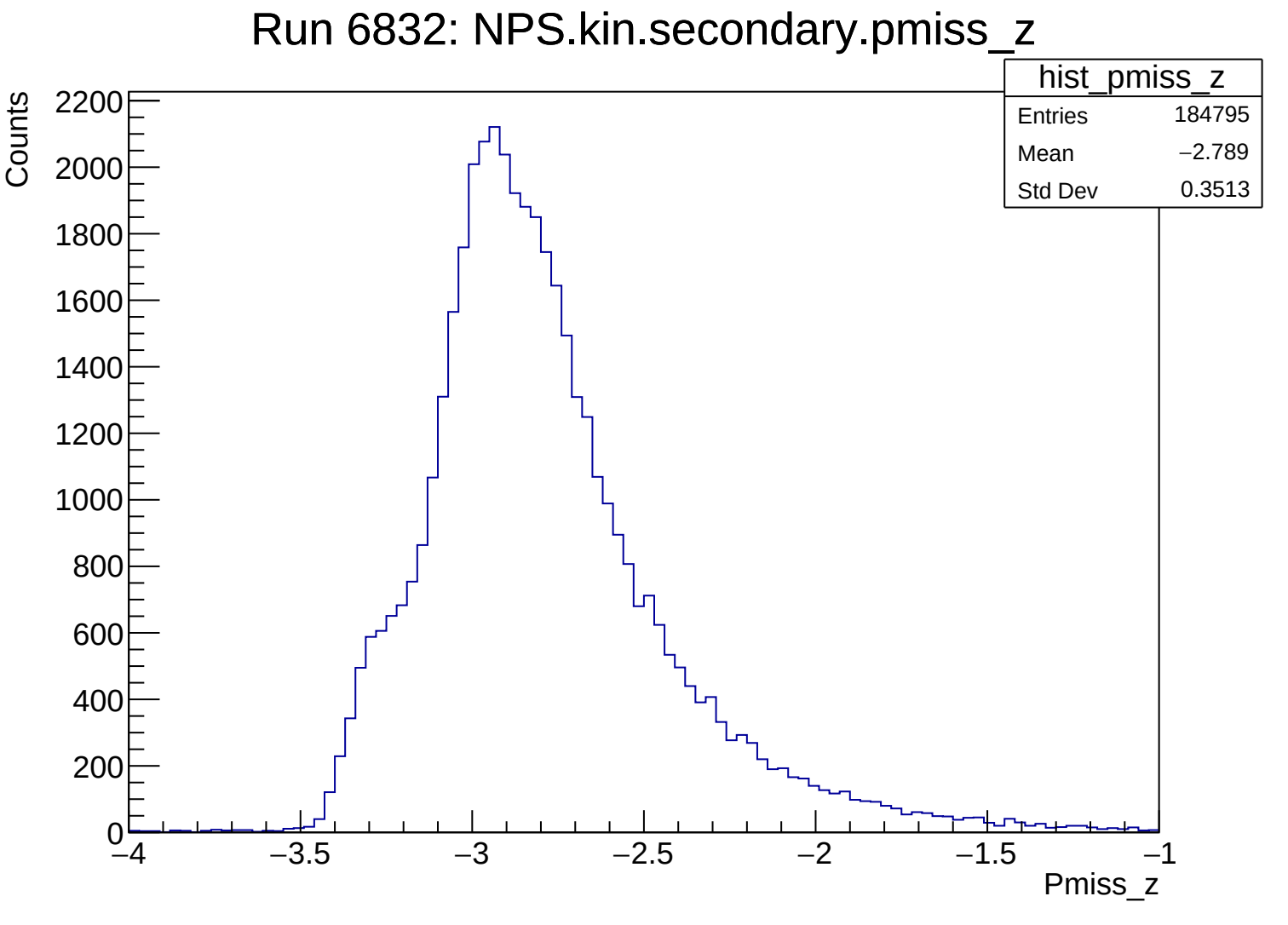

Run 6831: H.gtr.th
hist_th
Entries 215396
Mean −0.01002
Std Dev 0.03745
Counts
1600
1400
1200
1000
800
600
400
200
0
−0.1
−0.08
−0.06
−0.04
−0.02
0
0.02
0.04
0.06
0.08
0.1
H.gtr.th

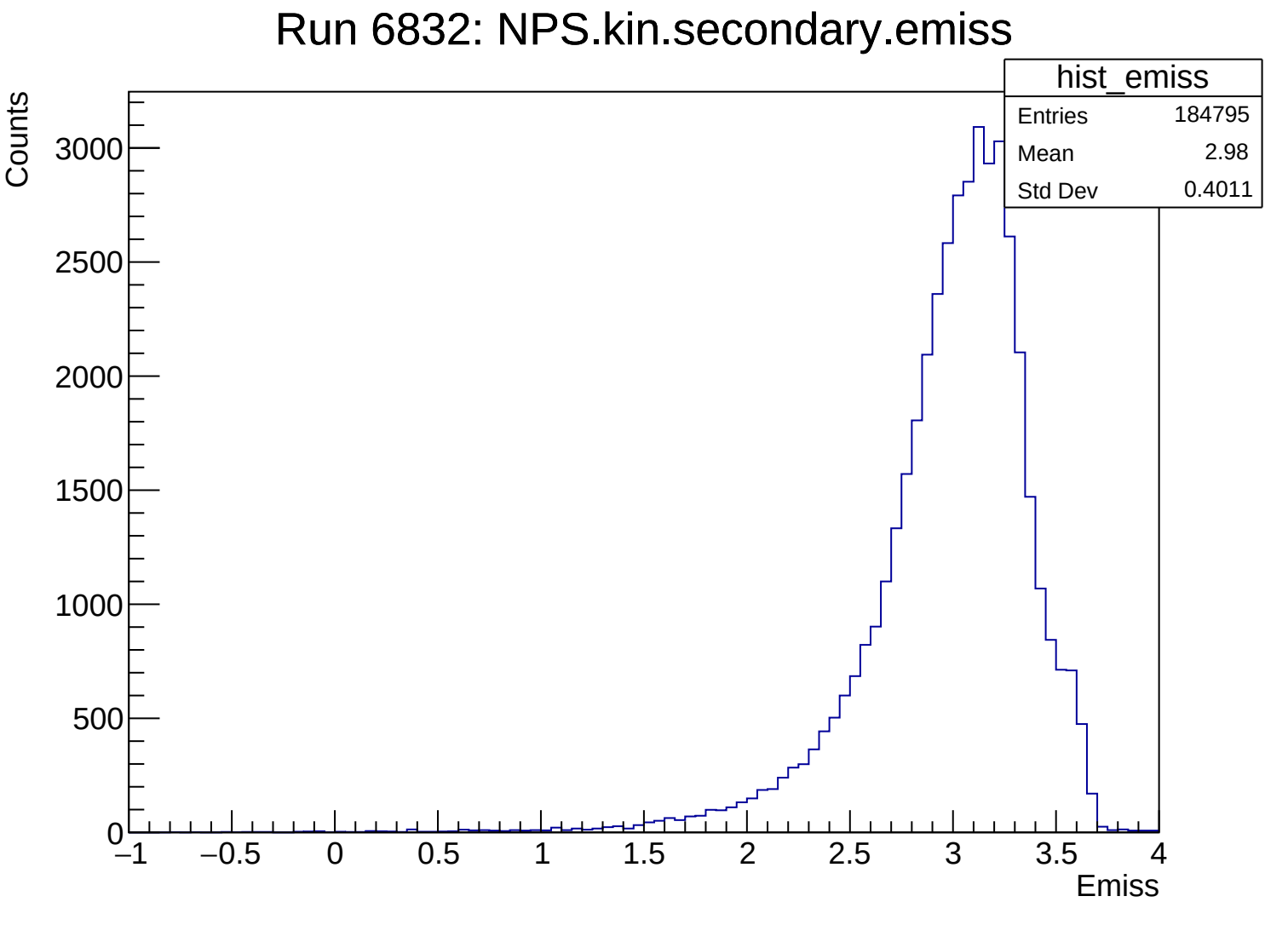

Run 6832: H.kin.W2
hist_w2
Entries 184795
Mean 1.442
Std Dev 0.4681
Counts
5000
4000
3000
2000
1000
0
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
2.4
2.6
W2

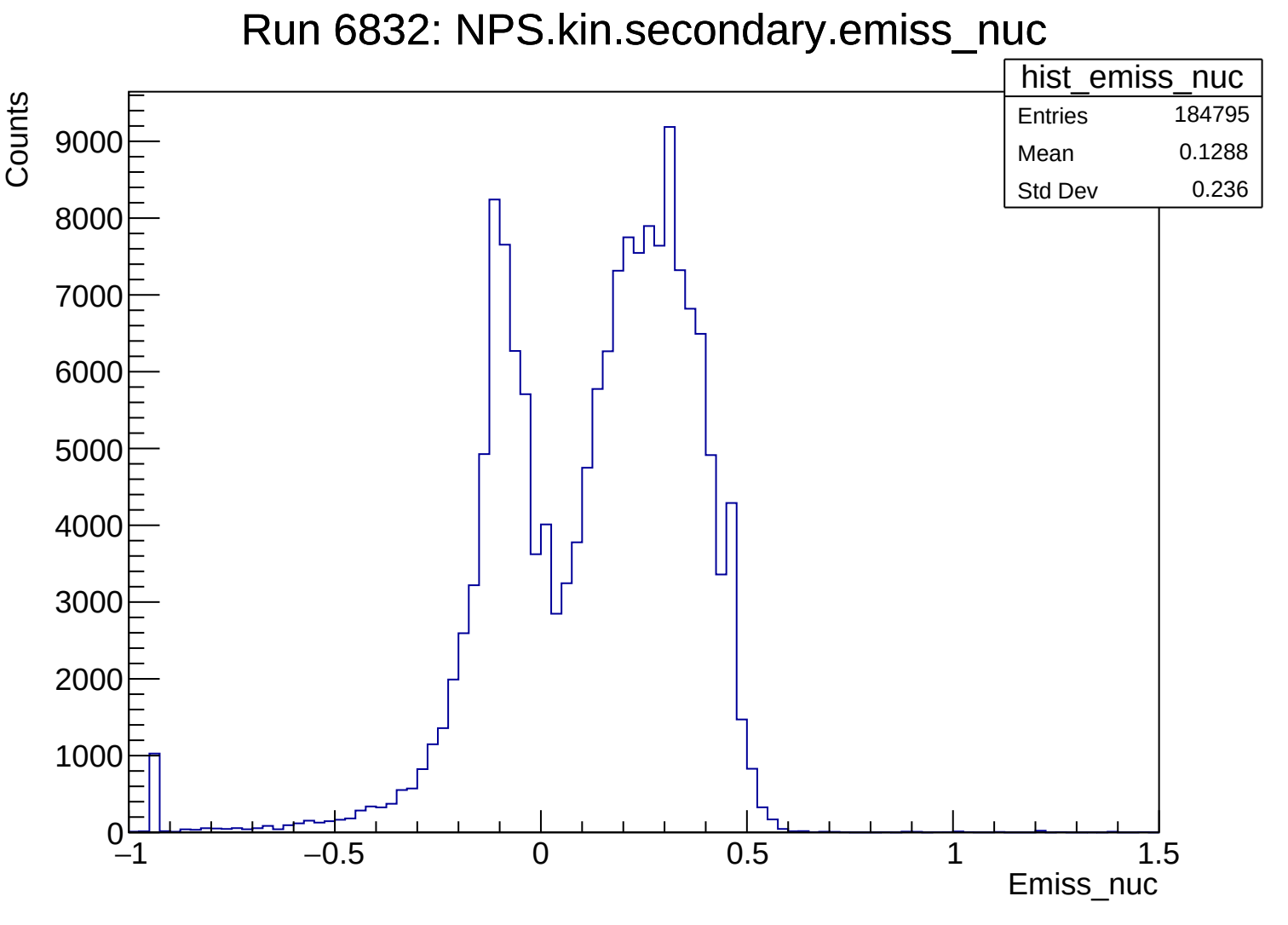

Run 6832: H.kin.x_bj
hist_x_bj
Entries 184795
Mean 0.891
Std Dev 0.09484
Counts
6000
5000
4000
3000
2000
1000
0
0.6
0.7
0.8
0.9
1
1.1
1.2
x_bj

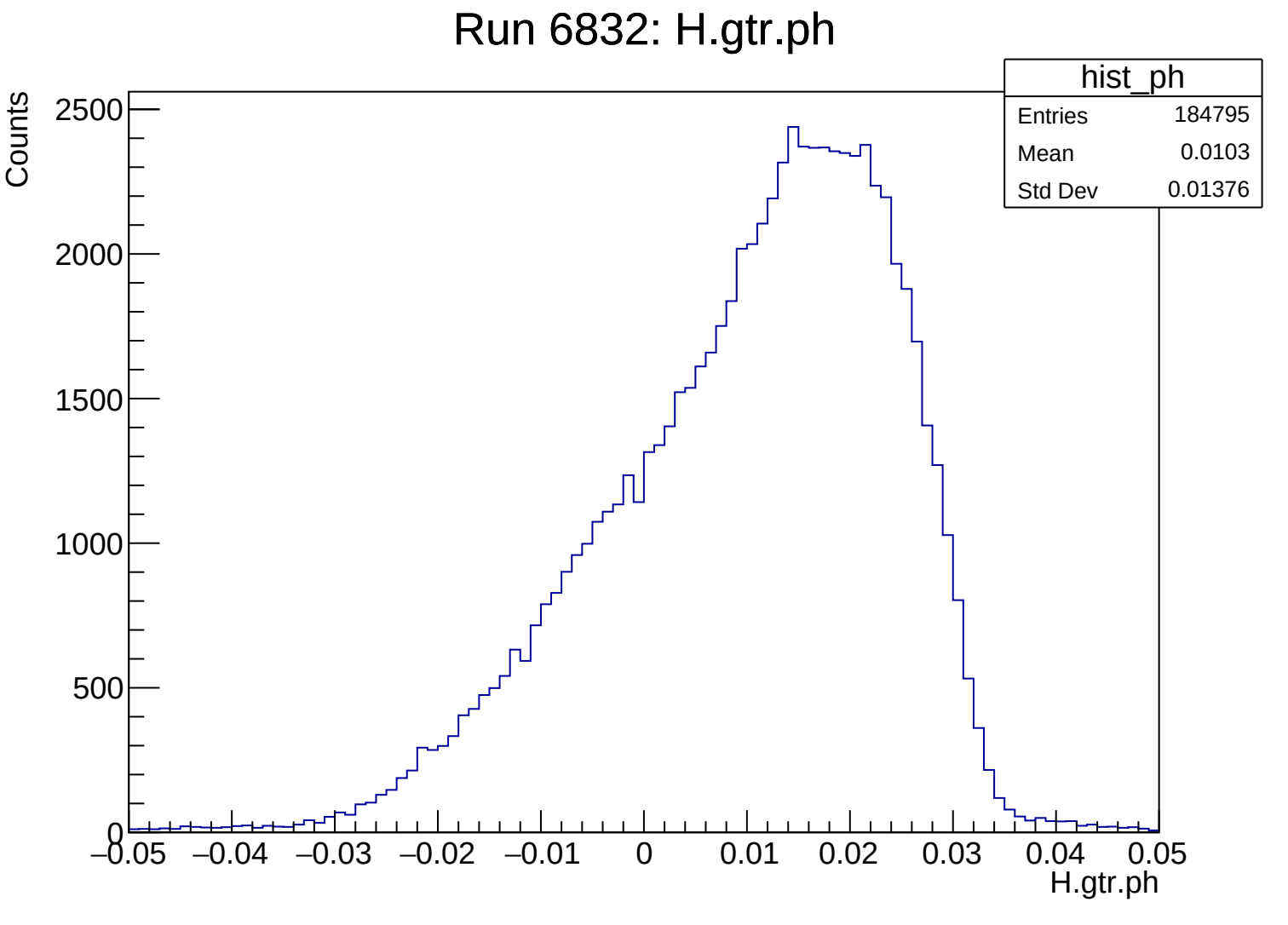

Run 6832: NPS.kin.secondary.pmiss_x
hist_pmiss_x
Entries 184795
Mean 0.06358
Std Dev 0.06788
Counts
6000
5000
4000
3000
2000
1000
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_x

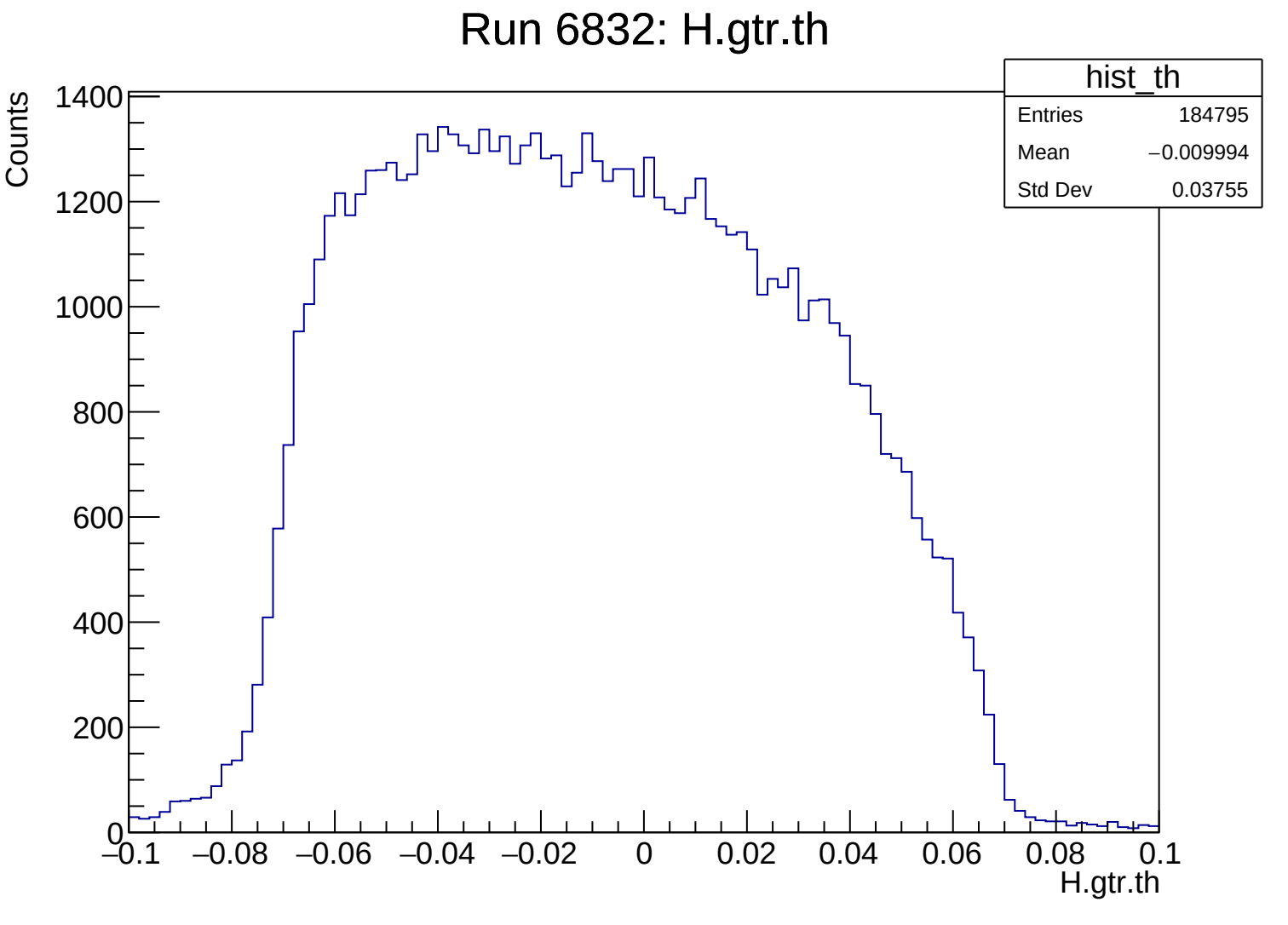

Run 6832: NPS.kin.secondary.pmiss_y
hist_pmiss_y
Entries 184795
Mean −0.004728
Std Dev 0.05521
Counts
7000
6000
5000
4000
3000
2000
1000
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_y

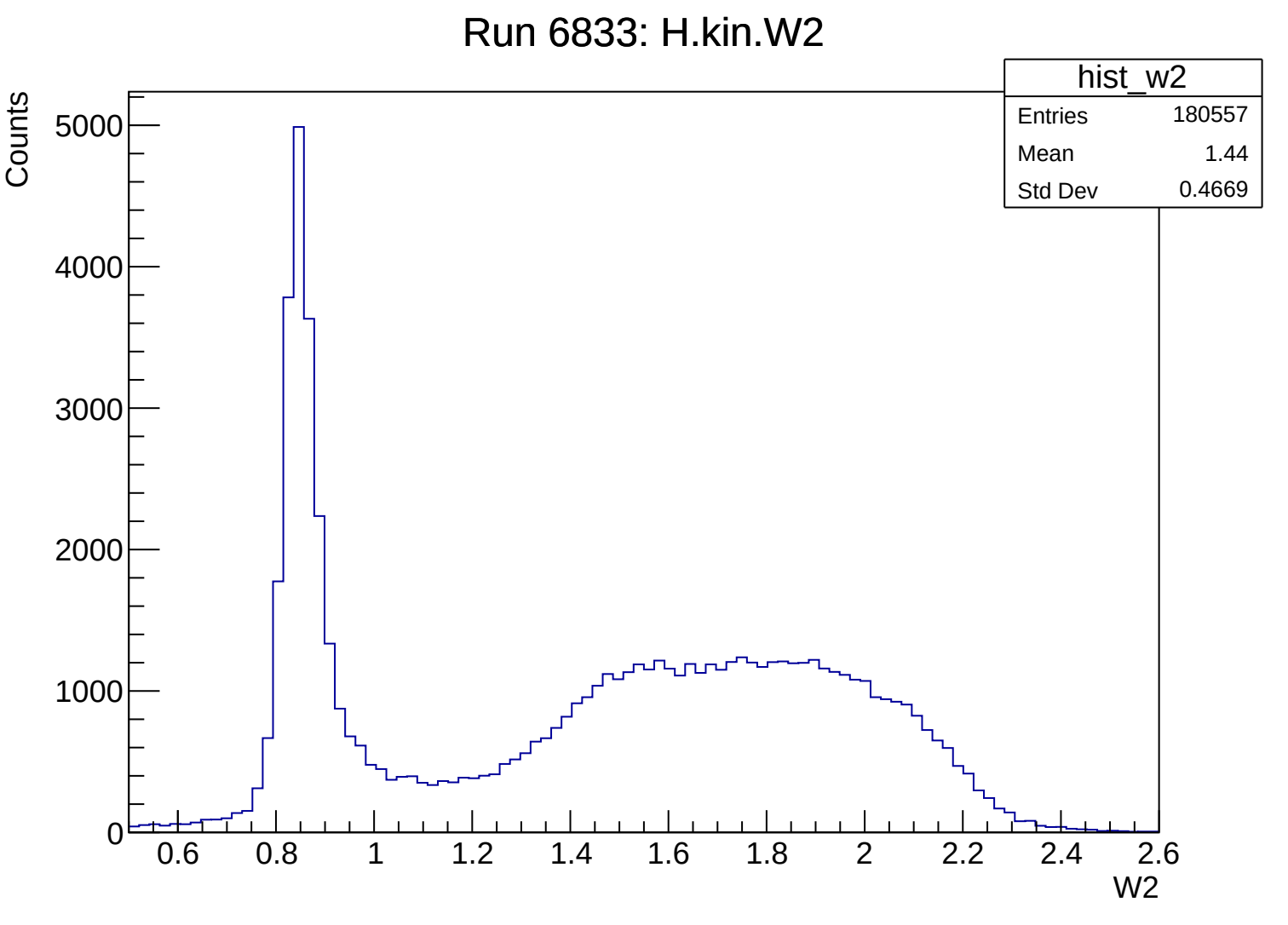

Run 6832: NPS.kin.secondary.pmiss_z
hist_pmiss_z
Entries 184795
Mean −2.789
Std Dev 0.3513
Counts
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
−4
−3.5
−3
−2.5
−2
−1.5
−1
Pmiss_z

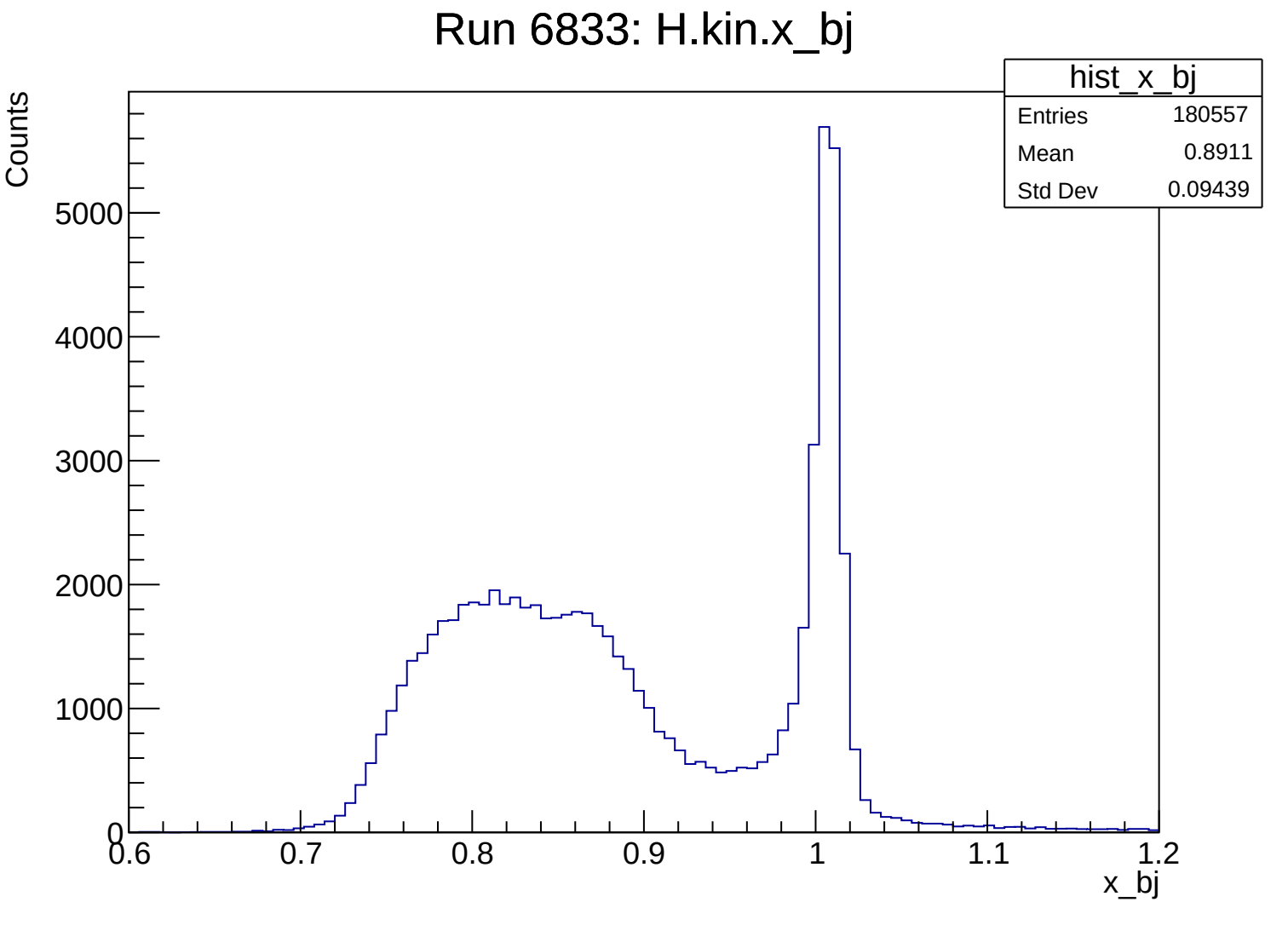

Run 6832: NPS.kin.secondary.emiss
hist_emiss
Entries 184795
Mean 2.98
Std Dev 0.4011
Counts
3000
2500
2000
1500
1000
500
0
−1
−0.5
0
0.5
1
1.5
2
2.5
3
3.5
4
Emiss

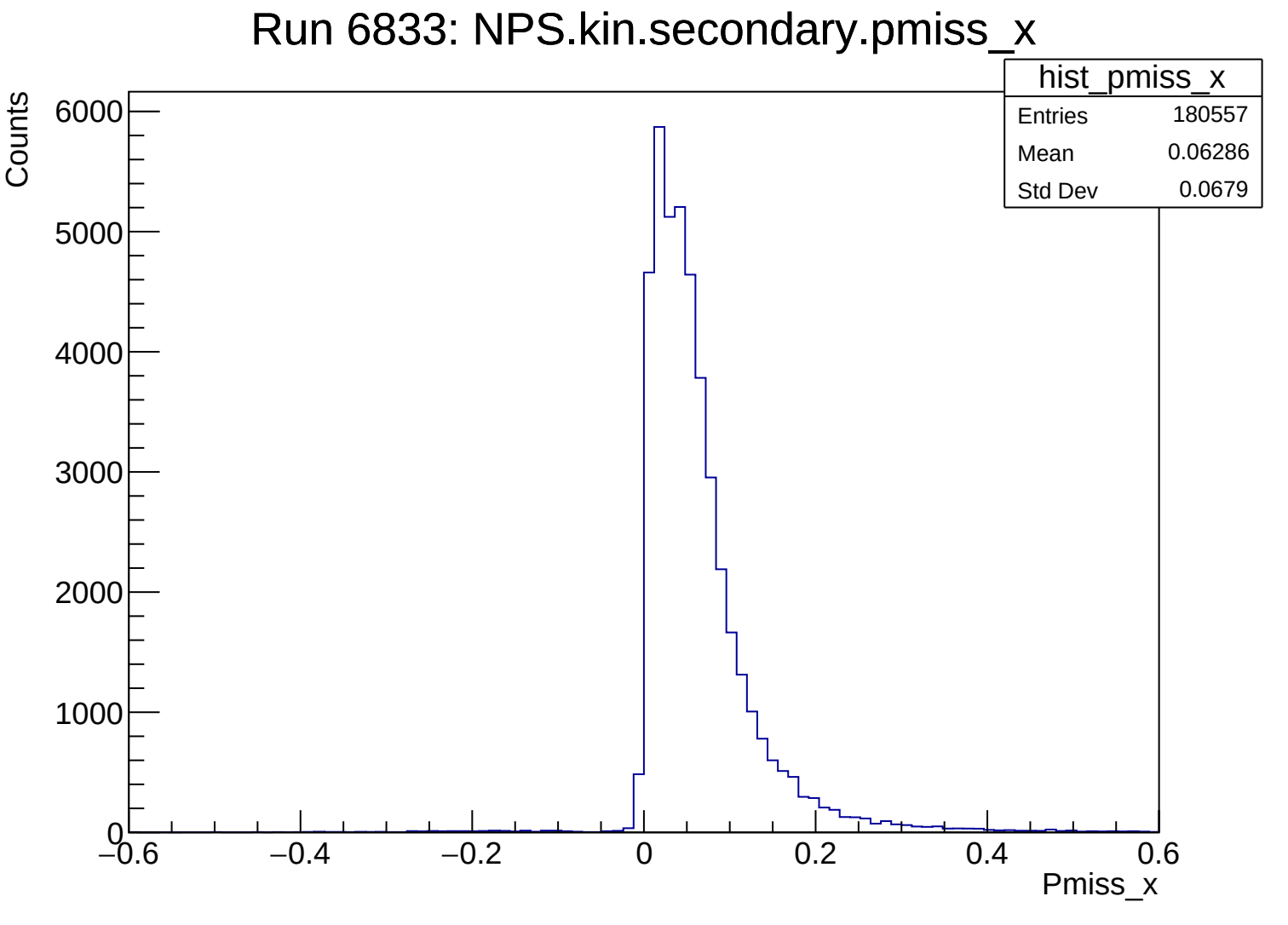

Run 6832: NPS.kin.secondary.emiss_nuc
hist_emiss_nuc
Entries 184795
Mean 0.1288
Std Dev 0.236
Counts
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
−1
−0.5
0
0.5
1
1.5
Emiss_nuc

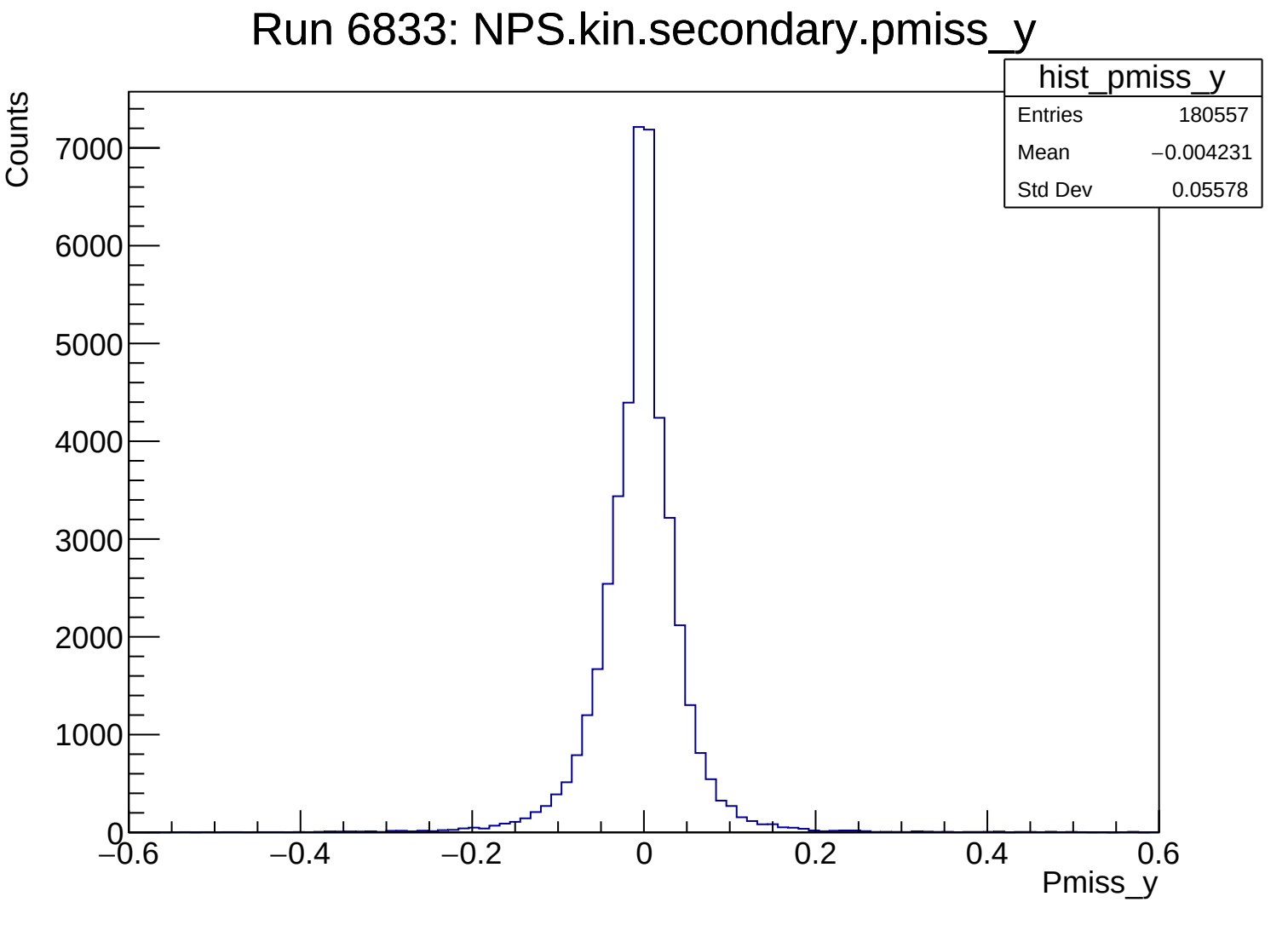

Run 6832: H.gtr.ph
hist_ph
Entries 184795
Mean 0.0103
Std Dev 0.01376
Counts
2500
2000
1500
1000
500
0
–0.05
–0.04
–0.03
–0.02
–0.01
0
0.01
0.02
0.03
0.04
0.05
H.gtr.ph

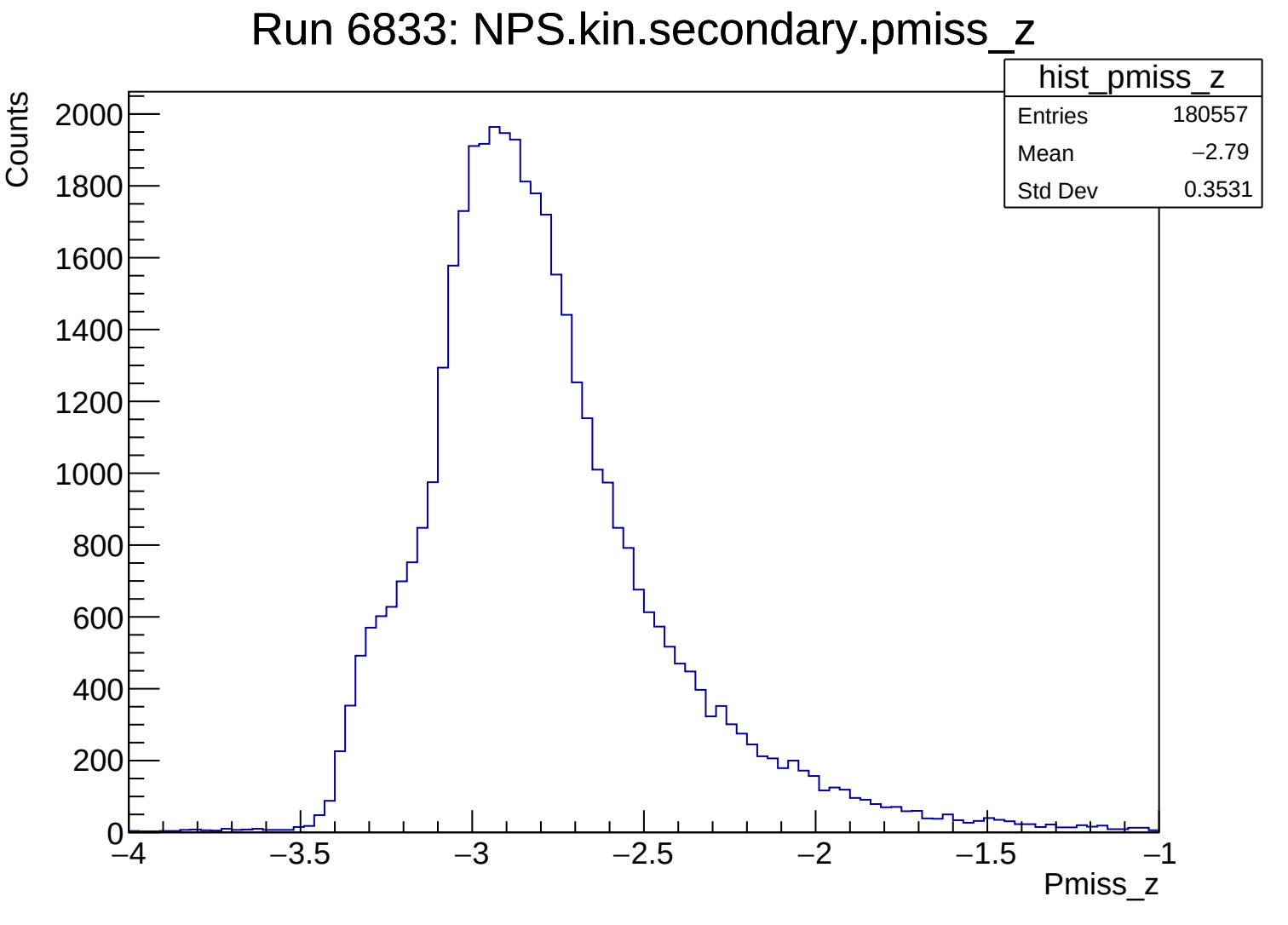

Run 6832: H.gtr.th
hist_th
Entries 184795
Mean −0.009994
Std Dev 0.03755
Counts
1400
1200
1000
800
600
400
200
0
−0.1
−0.08
−0.06
−0.04
−0.02
0
0.02
0.04
0.06
0.08
0.1
H.gtr.th

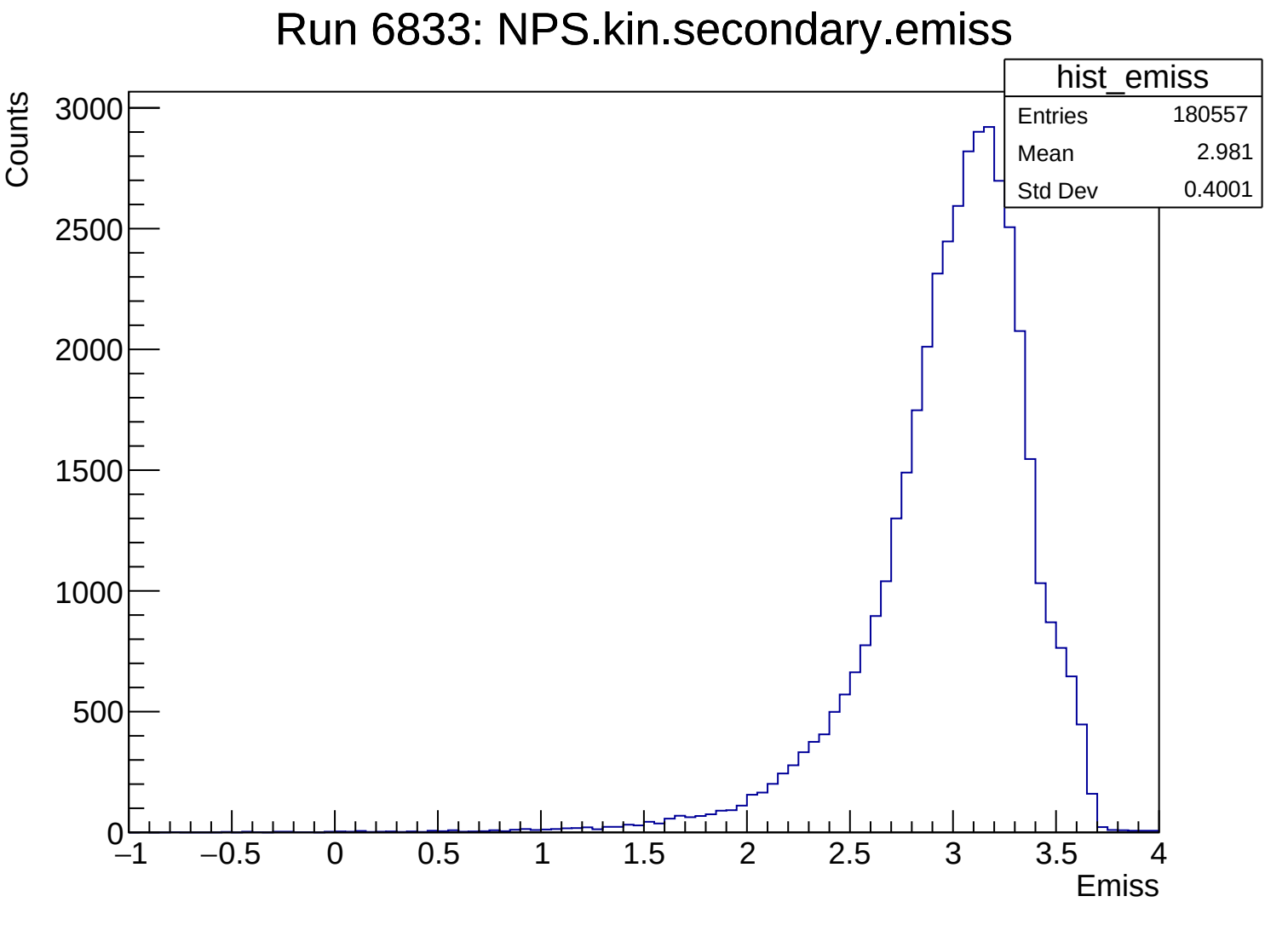

Run 6833: H.kin.W2
hist_w2
Entries 180557
Mean 1.44
Std Dev 0.4669
Counts
5000
4000
3000
2000
1000
0
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
2.4
2.6
W2

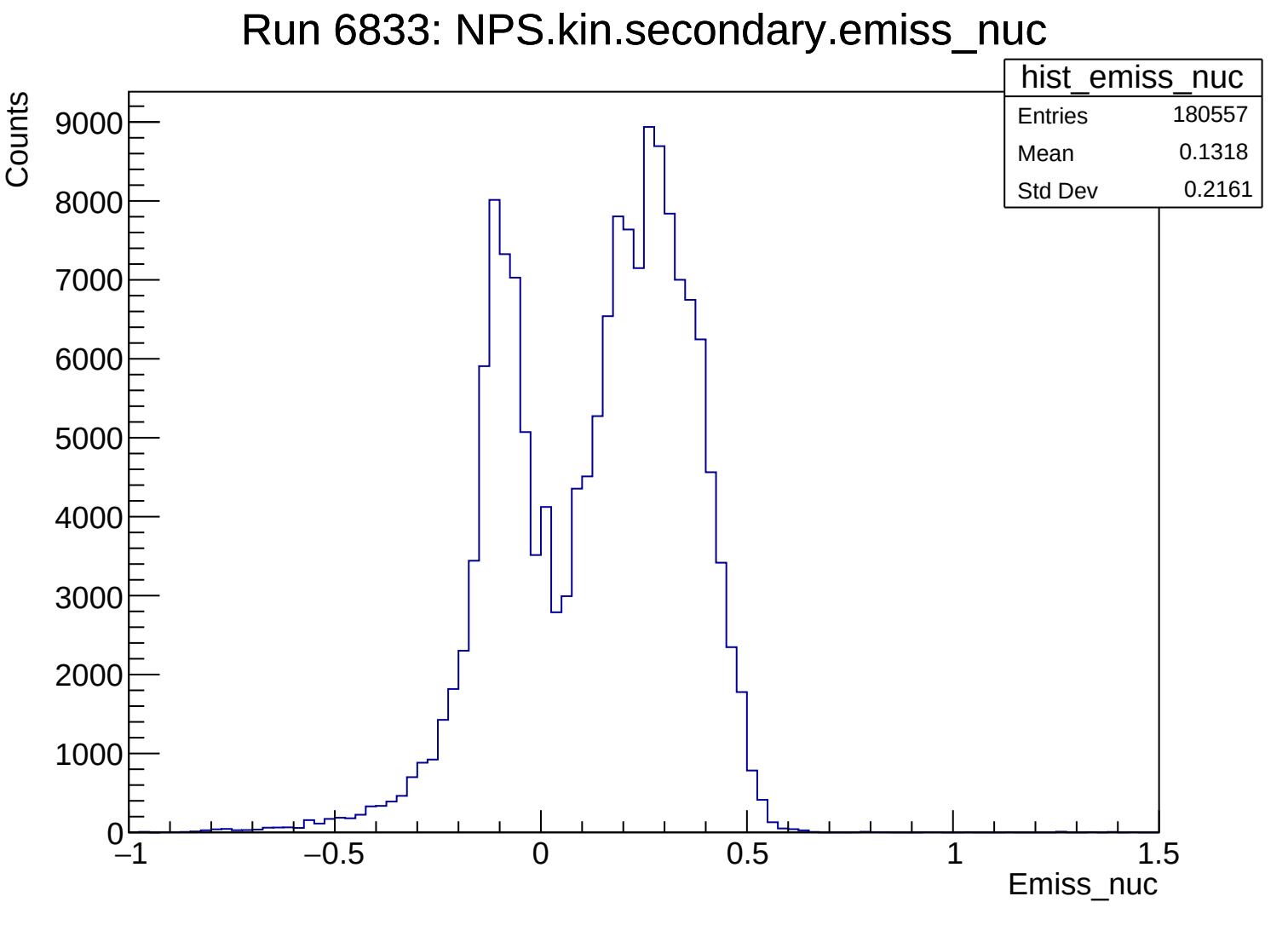

Run 6833: H.kin.x_bj
hist_x_bj
Entries 180557
Mean 0.8911
Std Dev 0.09439
Counts
5000
4000
3000
2000
1000
0
0.6
0.7
0.8
0.9
1
1.1
1.2
x_bj

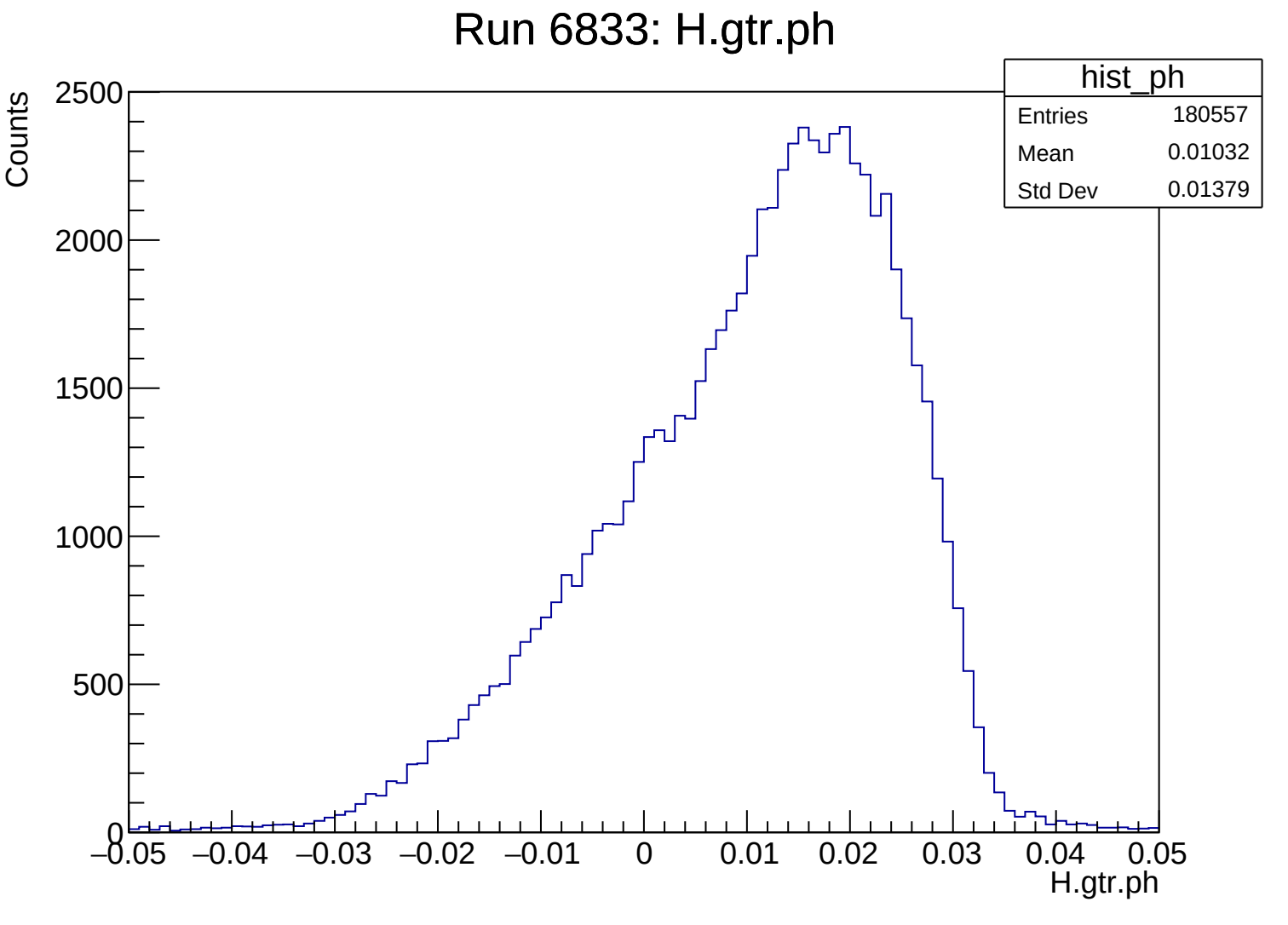

Run 6833: NPS.kin.secondary.pmiss_x
hist_pmiss_x
Entries 180557
Mean 0.06286
Std Dev 0.0679
Counts
6000
5000
4000
3000
2000
1000
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_x

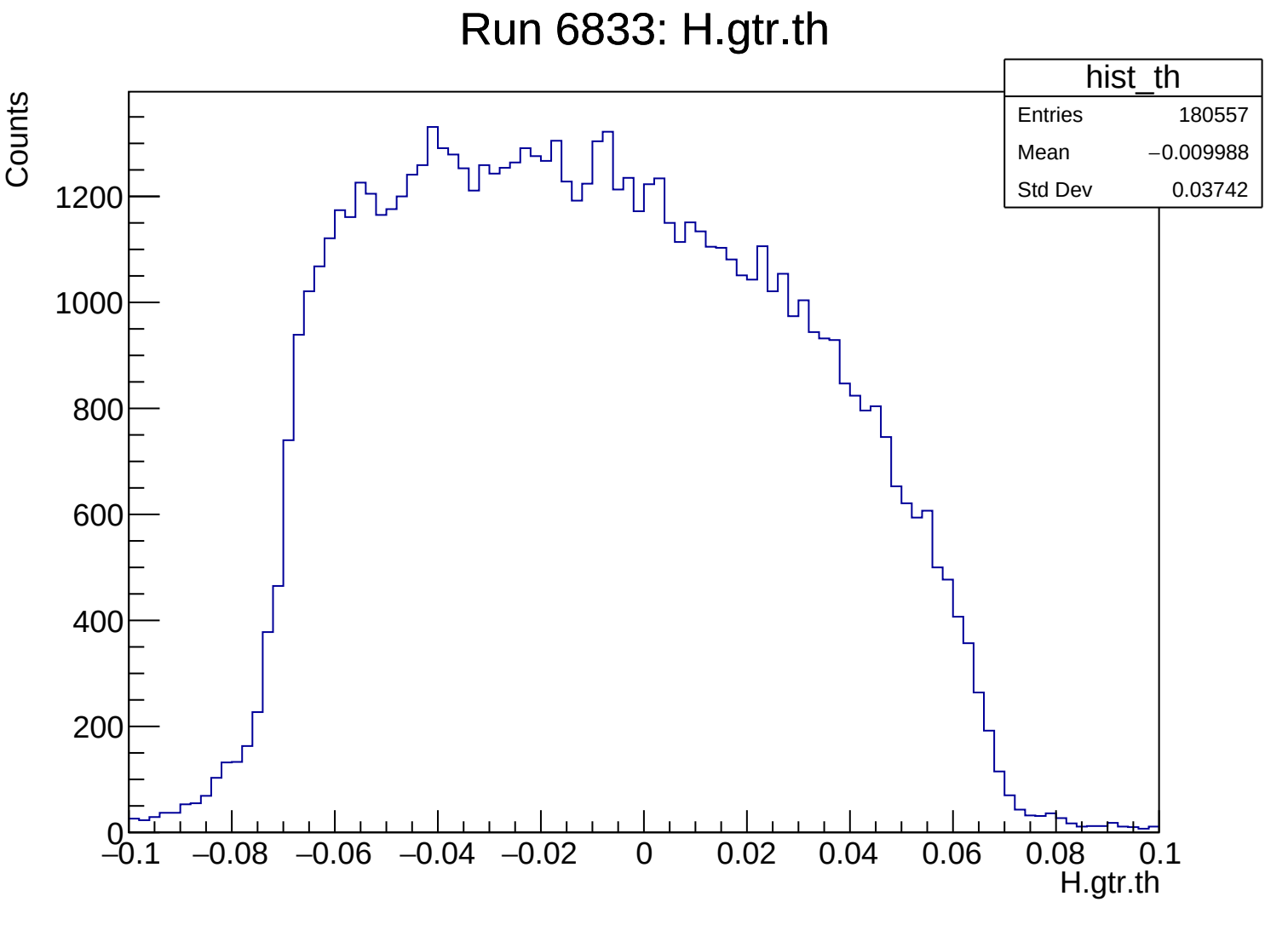

Run 6833: NPS.kin.secondary.pmiss_y
hist_pmiss_y
Entries 180557
Mean −0.004231
Std Dev 0.05578
Counts
7000
6000
5000
4000
3000
2000
1000
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_y

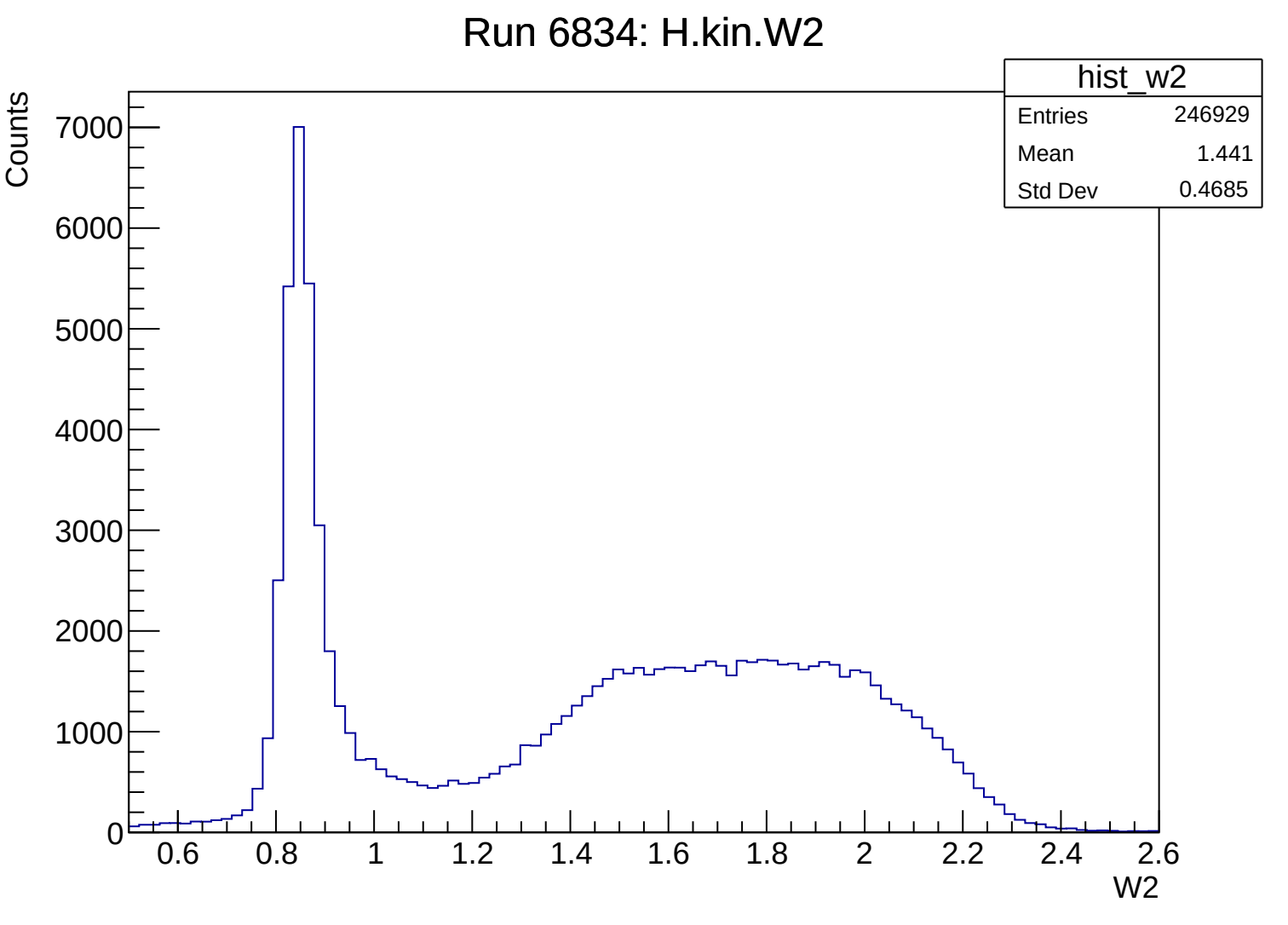

Run 6833: NPS.kin.secondary.pmiss_z
hist_pmiss_z
Entries 180557
Mean −2.79
Std Dev 0.3531
Counts
2000
1800
1600
1400
1200
1000
800
600
400
200
0
−4
−3.5
−3
−2.5
−2
−1.5
−1
Pmiss_z

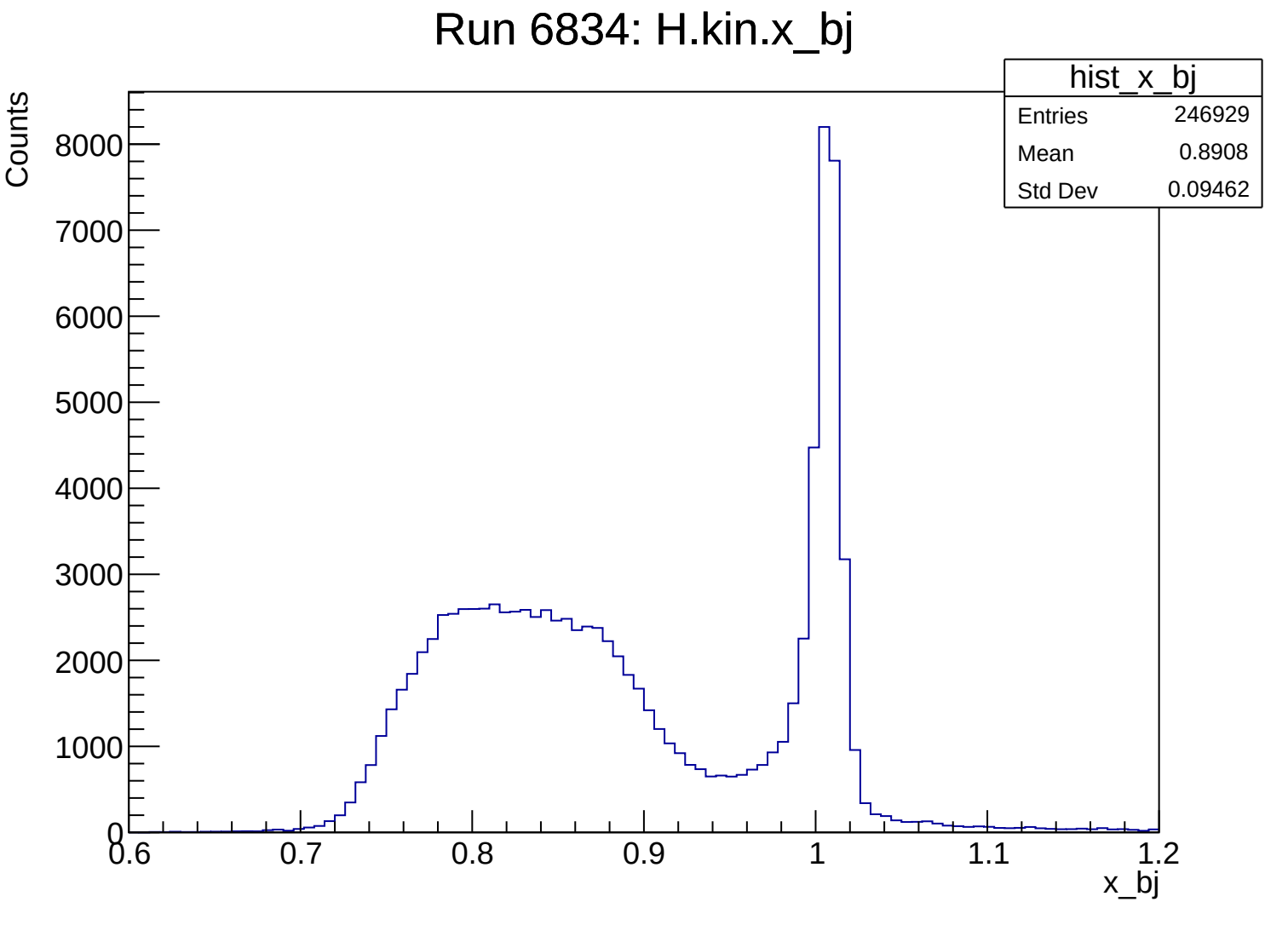

Run 6833: NPS.kin.secondary.emiss
hist_emiss
Entries 180557
Mean 2.981
Std Dev 0.4001
Counts
3000
2500
2000
1500
1000
500
0
−1
−0.5
0
0.5
1
1.5
2
2.5
3
3.5
4
Emiss

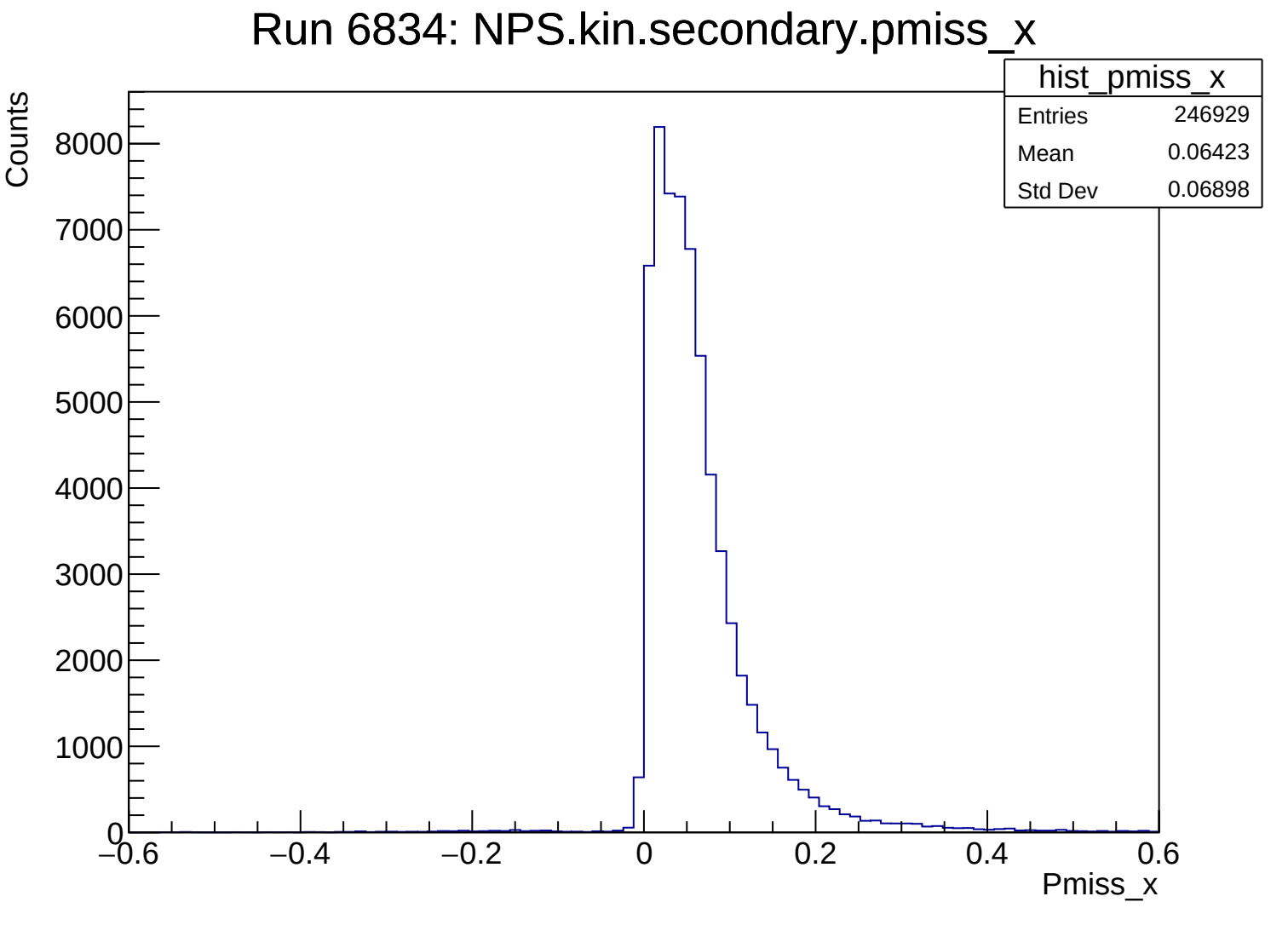

Run 6833: NPS.kin.secondary.emiss_nuc
hist_emiss_nuc
Entries 180557
Mean 0.1318
Std Dev 0.2161
Counts
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
−1
−0.5
0
0.5
1
1.5
Emiss_nuc

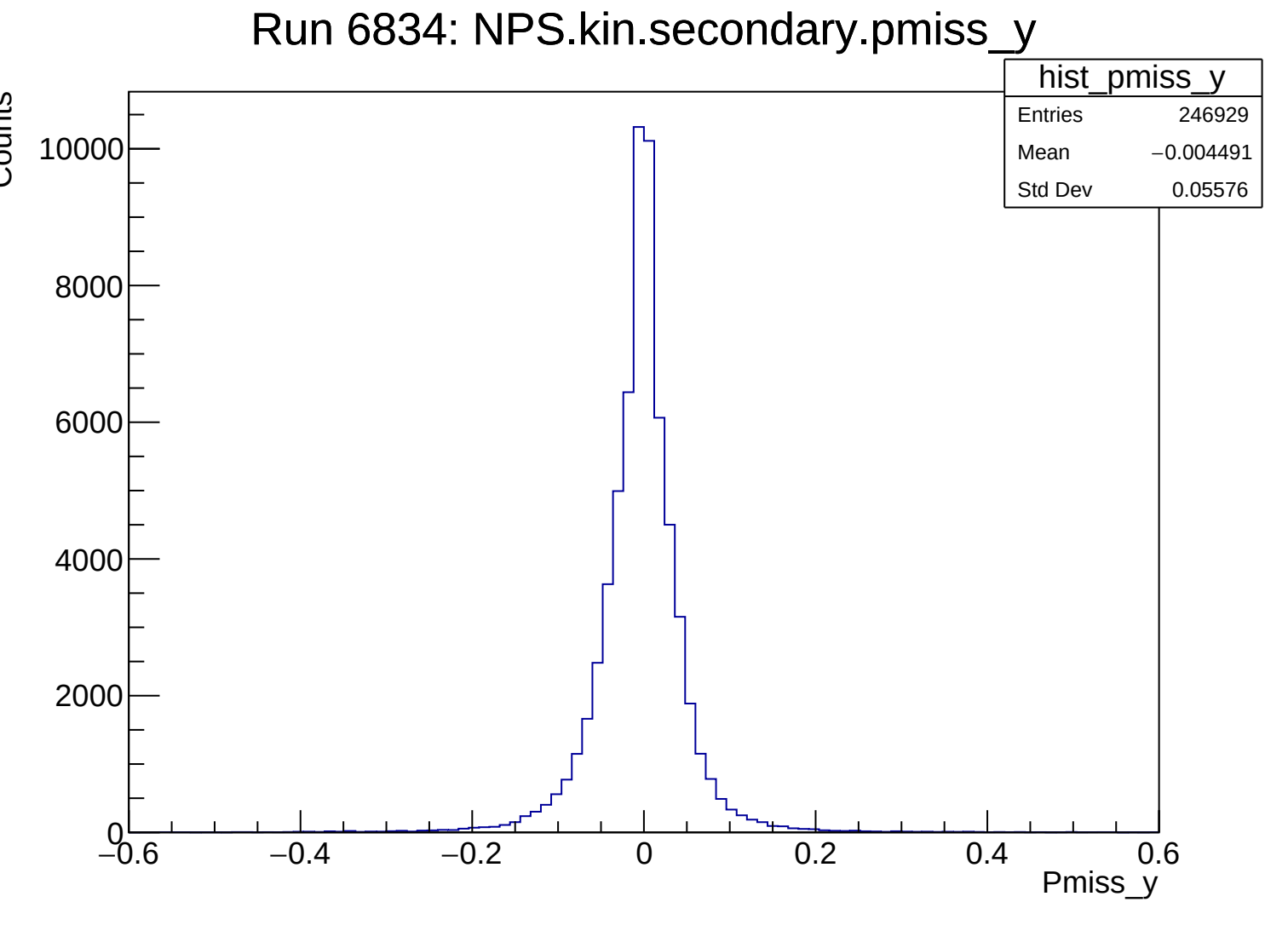

Run 6833: H.gtr.ph
hist_ph
Entries 180557
Mean 0.01032
Std Dev 0.01379
Counts
2500
2000
1500
1000
500
0
–0.05
–0.04
–0.03
–0.02
–0.01
0
0.01
0.02
0.03
0.04
0.05
H.gtr.ph

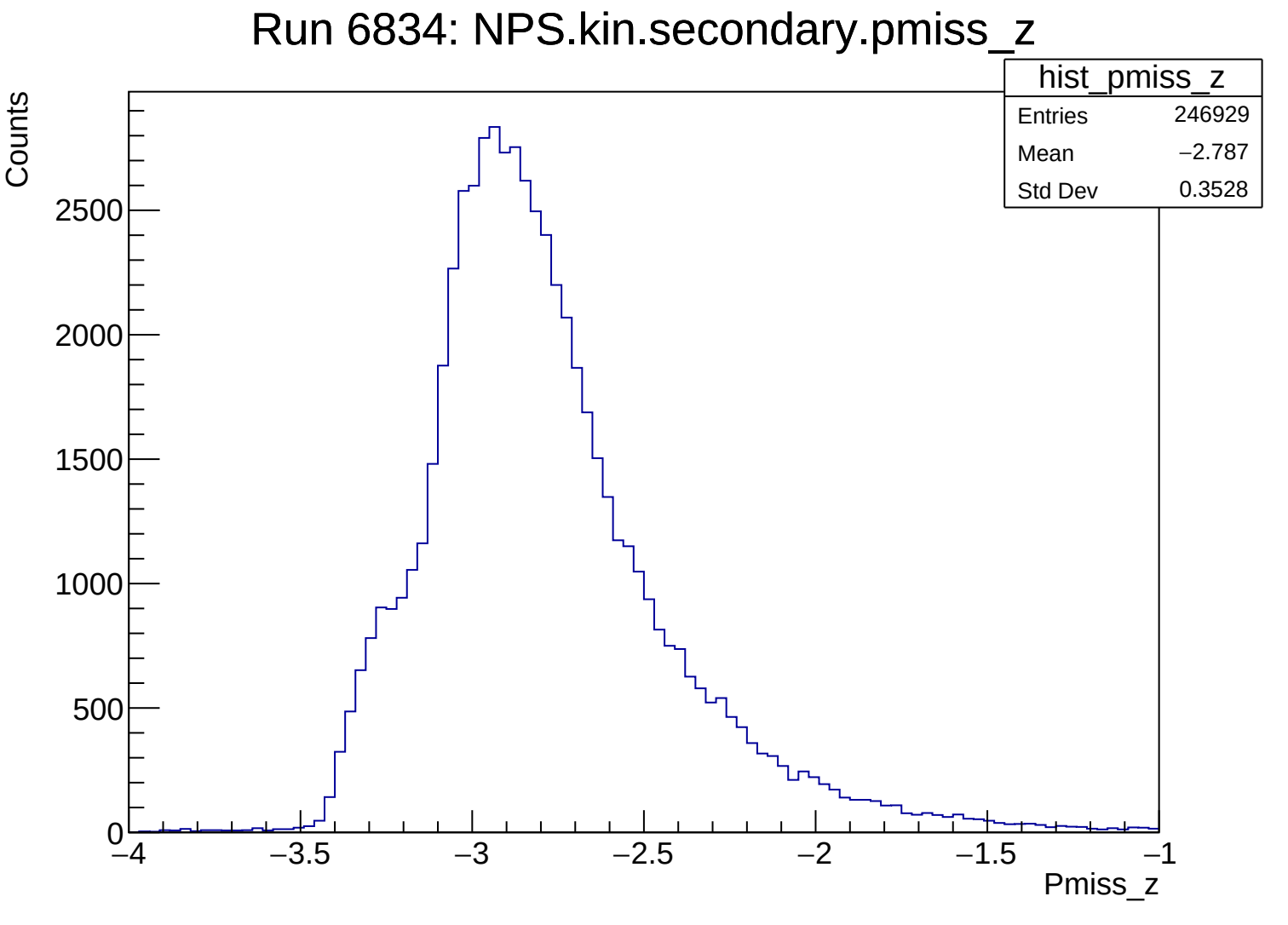

Run 6833: H.gtr.th
hist_th
Entries 180557
Mean −0.009988
Std Dev 0.03742
Counts
1200
1000
800
600
400
200
0
−0.1
−0.08
−0.06
−0.04
−0.02
0
0.02
0.04
0.06
0.08
0.1
H.gtr.th

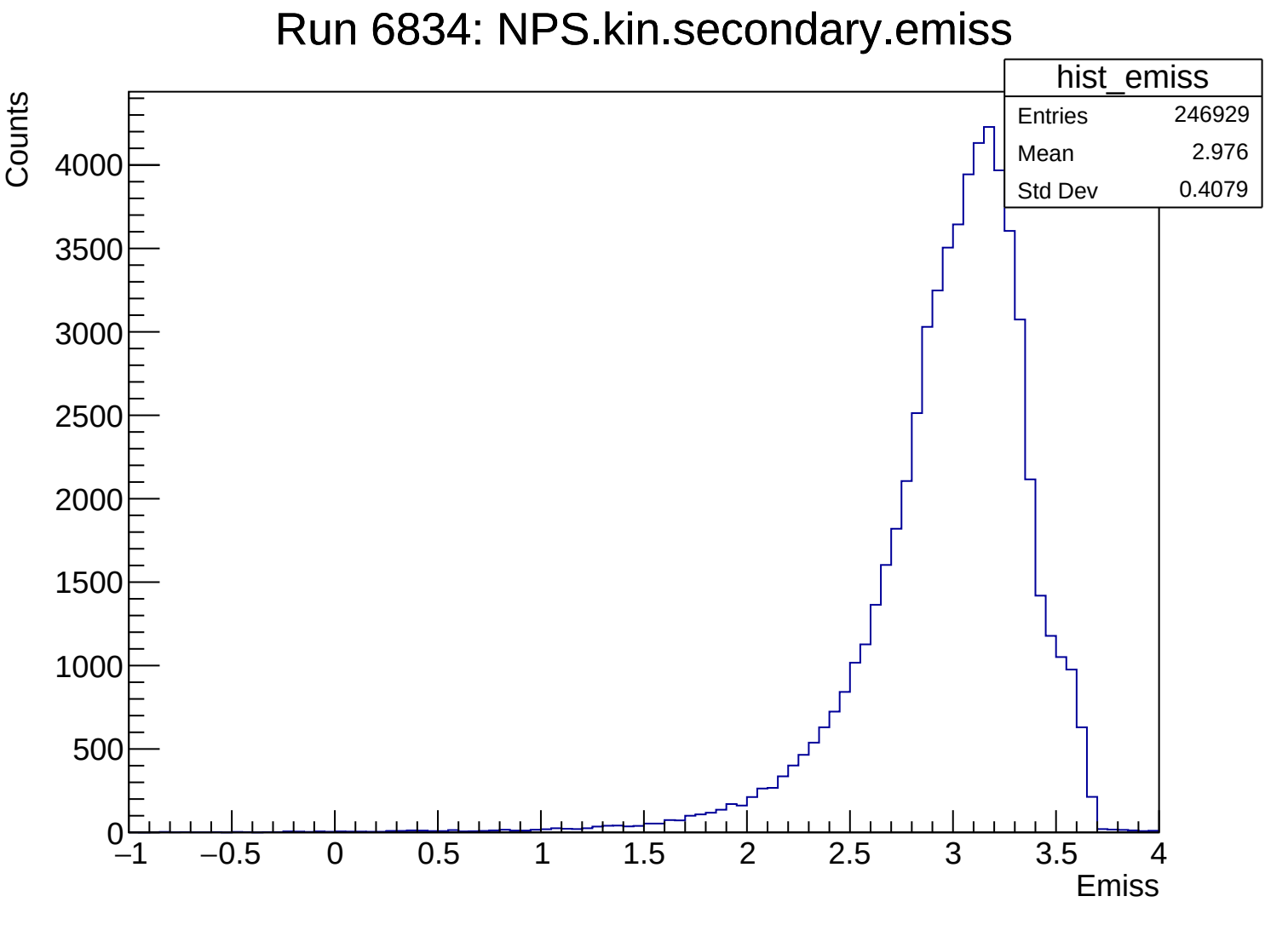

Run 6834: H.kin.W2
hist_w2
Entries 246929
Mean 1.441
Std Dev 0.4685
Counts
7000
6000
5000
4000
3000
2000
1000
0
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
2.4
2.6
W2

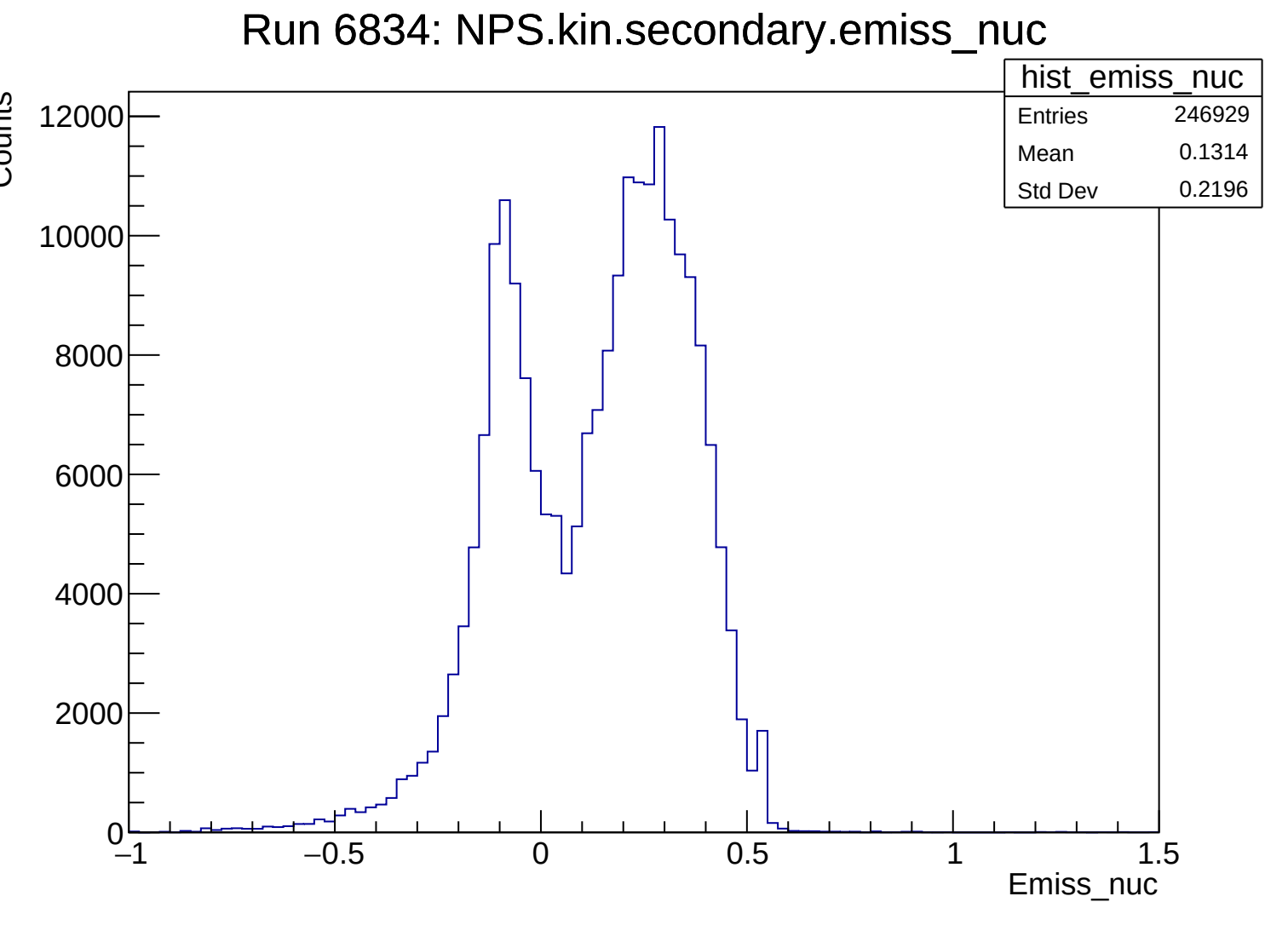

Run 6834: H.kin.x_bj
hist_x_bj
Entries 246929
Mean 0.8908
Std Dev 0.09462
Counts
8000
7000
6000
5000
4000
3000
2000
1000
0
0.6
0.7
0.8
0.9
1
1.1
1.2
x_bj

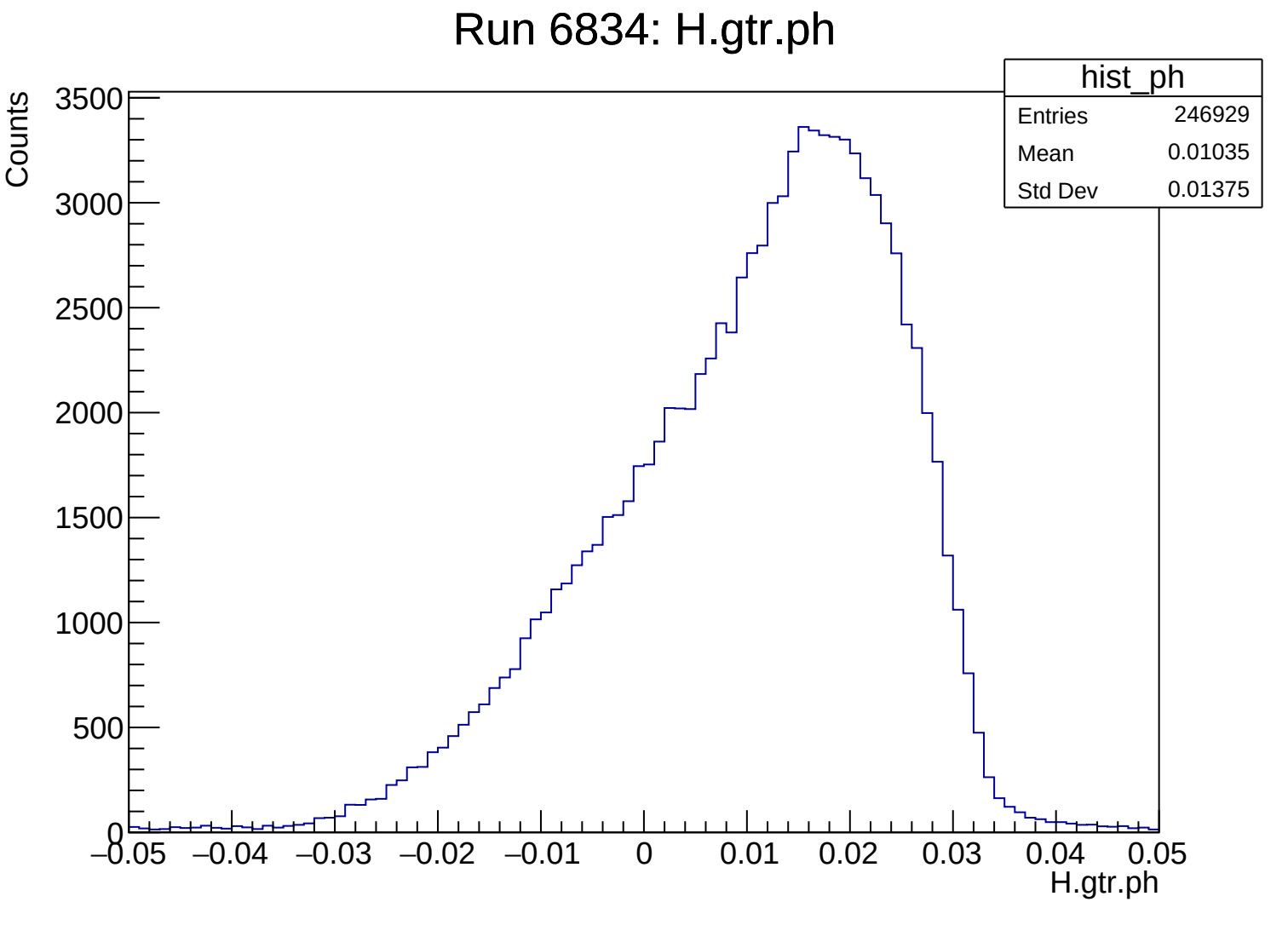

Run 6834: NPS.kin.secondary.pmiss_x
hist_pmiss_x
Entries 246929
Mean 0.06423
Std Dev 0.06898
Counts
8000
7000
6000
5000
4000
3000
2000
1000
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_x

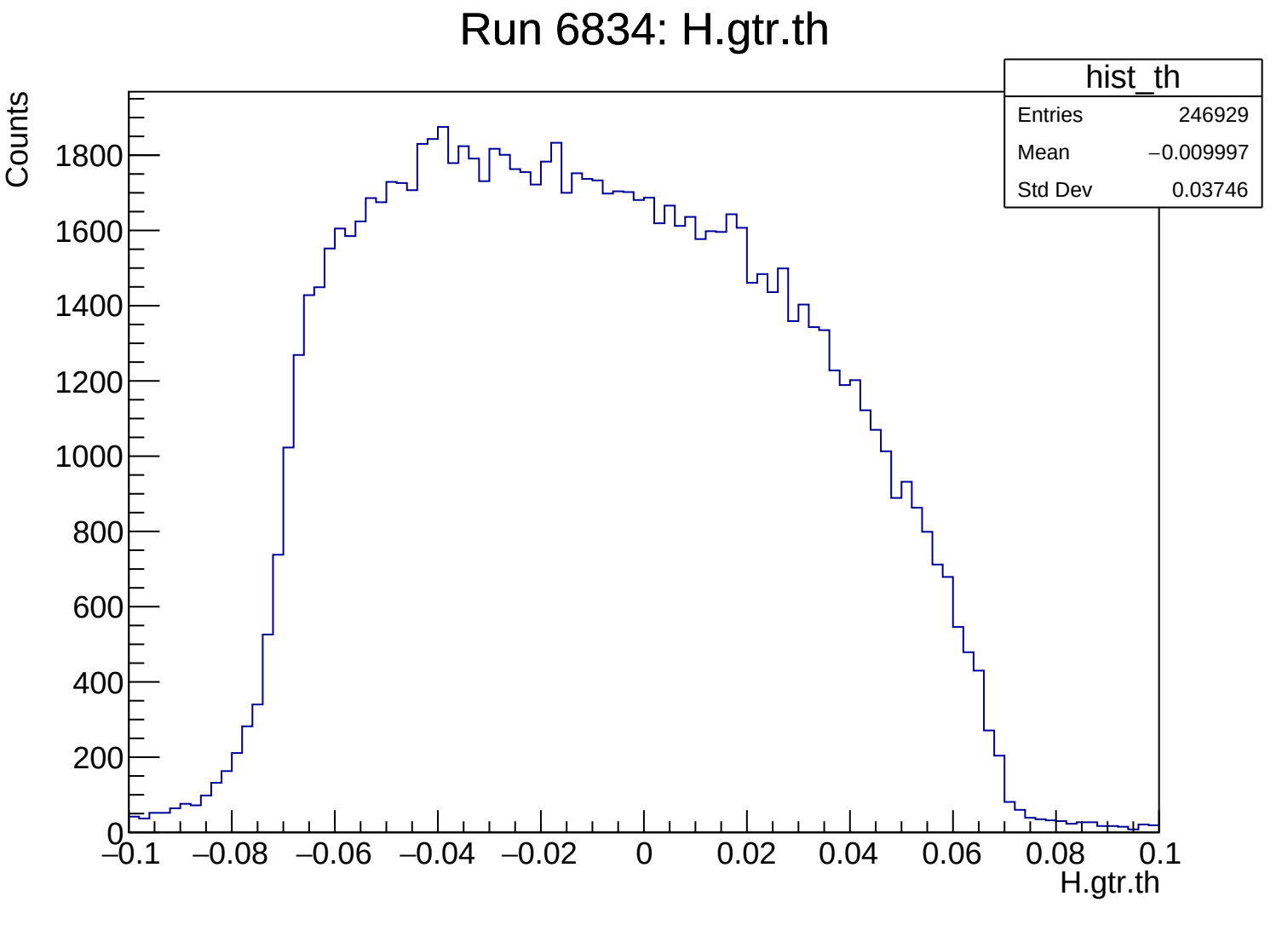

Run 6834: NPS.kin.secondary.pmiss_y
hist_pmiss_y
Entries 246929
Mean −0.004491
Std Dev 0.05576
Counts
10000
8000
6000
4000
2000
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_y

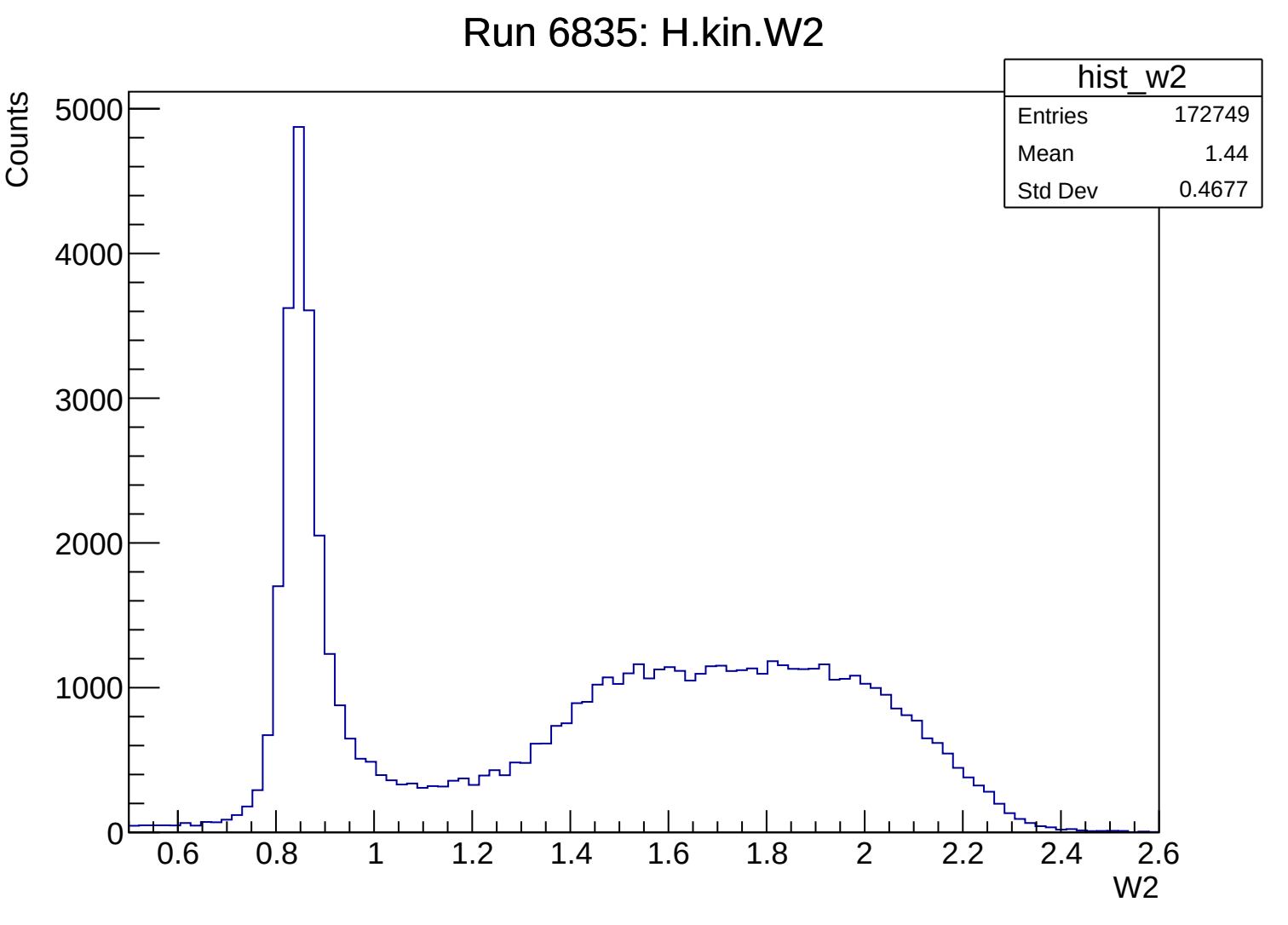

Run 6834: NPS.kin.secondary.pmiss_z
hist_pmiss_z
Entries 246929
Mean −2.787
Std Dev 0.3528
Counts
2500
2000
1500
1000
500
0
−4
−3.5
−3
−2.5
−2
−1.5
−1
Pmiss_z

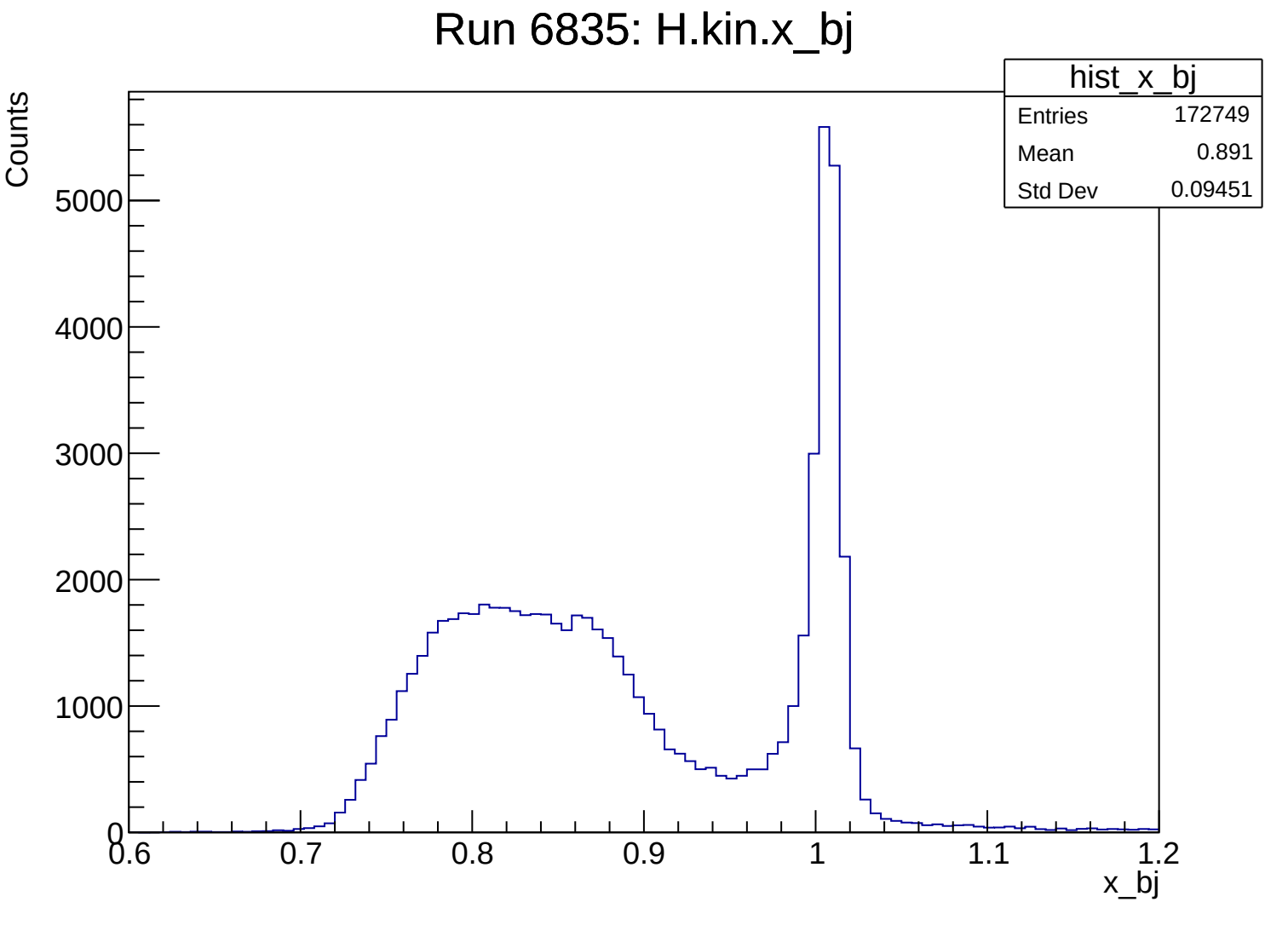

Run 6834: NPS.kin.secondary.emiss
hist_emiss
Entries 246929
Mean 2.976
Std Dev 0.4079
Counts
4000
3500
3000
2500
2000
1500
1000
500
0
−1
−0.5
0
0.5
1
1.5
2
2.5
3
3.5
4
Emiss

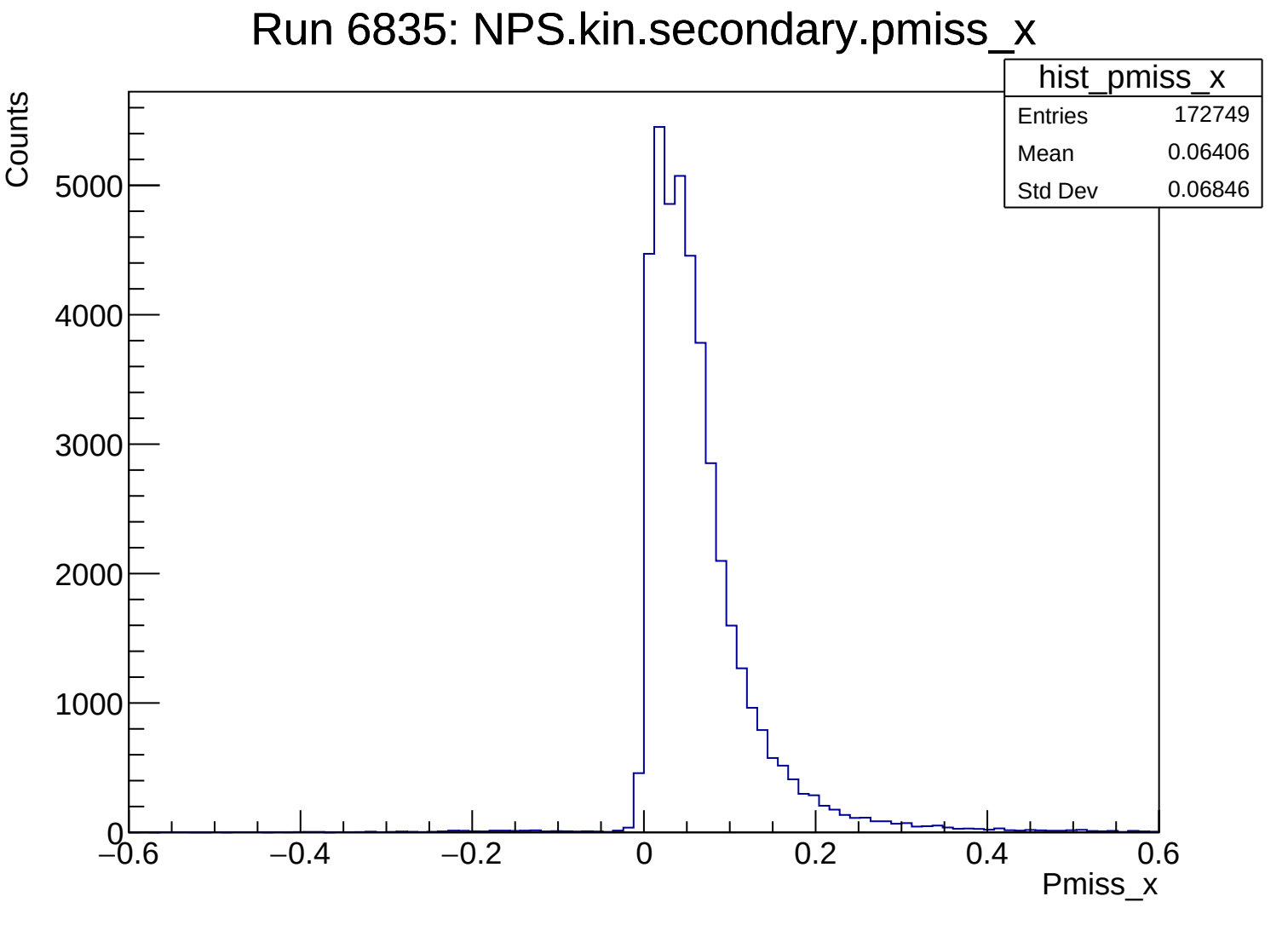

Run 6834: NPS.kin.secondary.emiss_nuc
hist_emiss_nuc
Entries 246929
Mean 0.1314
Std Dev 0.2196
Counts
12000
10000
8000
6000
4000
2000
0
−1
−0.5
0
0.5
1
1.5
Emiss_nuc

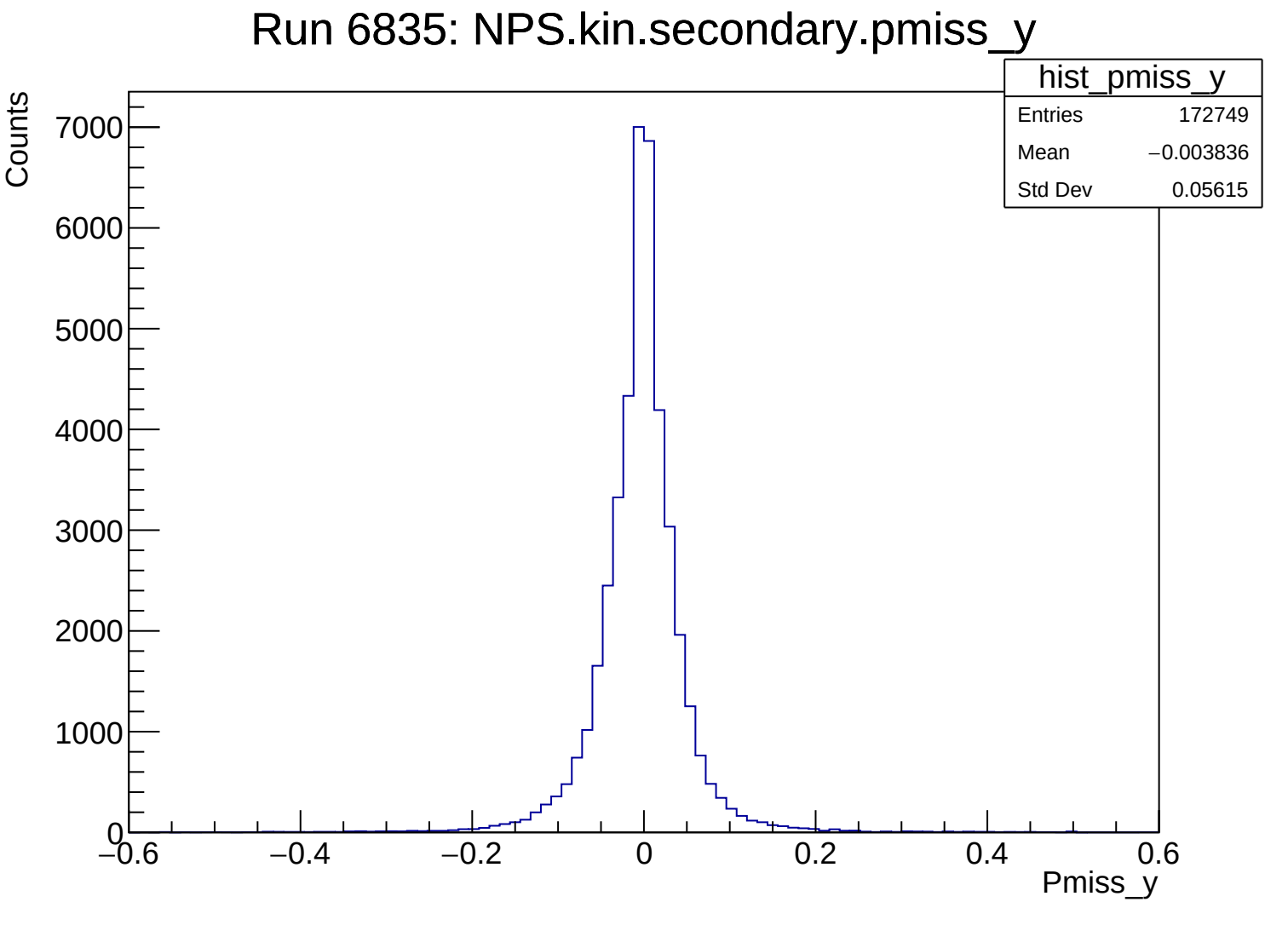

Run 6834: H.gtr.ph
hist_ph
Entries 246929
Mean 0.01035
Std Dev 0.01375
Counts
3500
3000
2500
2000
1500
1000
500
0
–0.05
–0.04
–0.03
–0.02
–0.01
0
0.01
0.02
0.03
0.04
0.05
H.gtr.ph

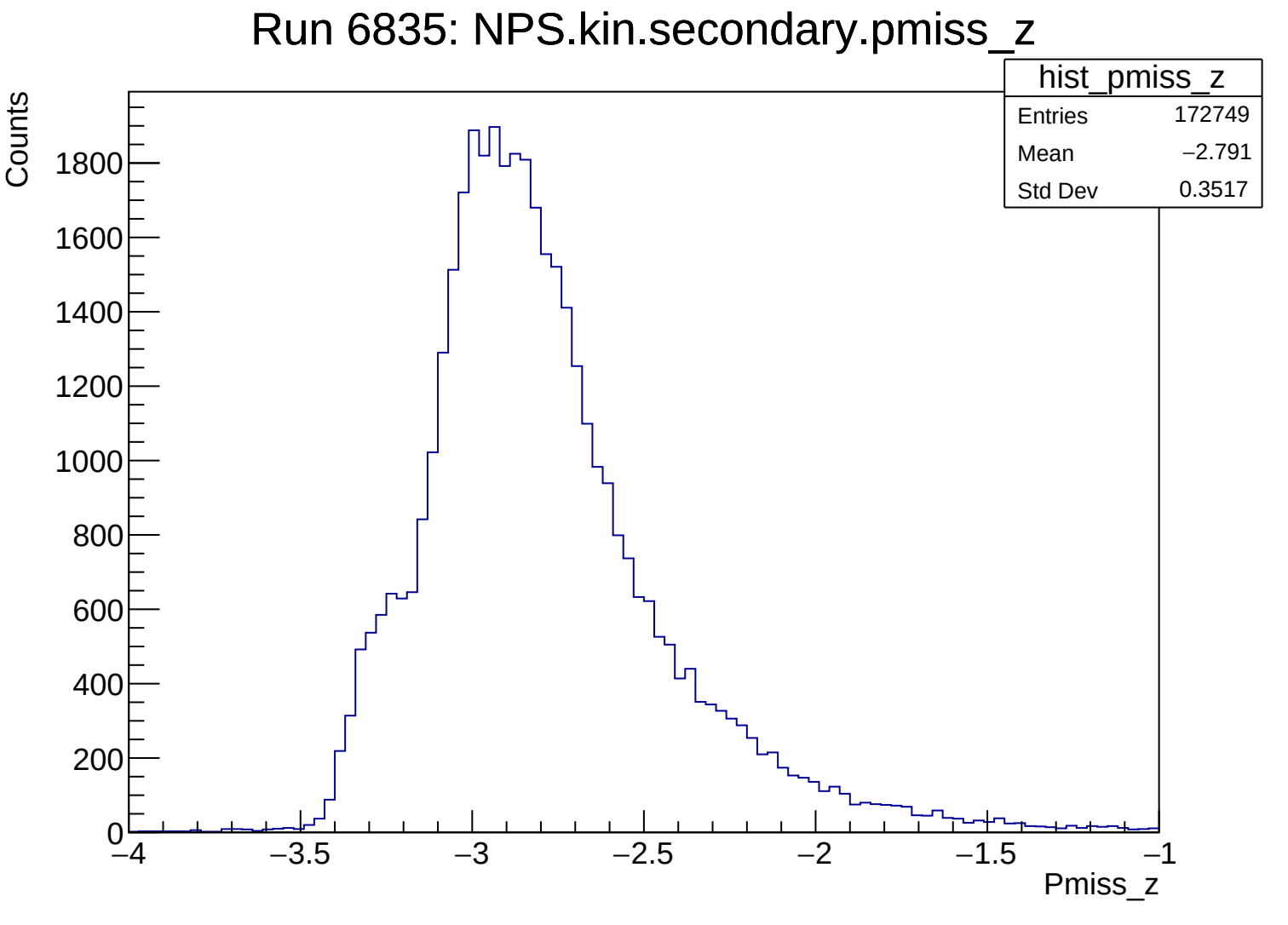

Run 6834: H.gtr.th
hist_th
Entries 246929
Mean −0.009997
Std Dev 0.03746
Counts
1800
1600
1400
1200
1000
800
600
400
200
0
−0.1
−0.08
−0.06
−0.04
−0.02
0
0.02
0.04
0.06
0.08
0.1
H.gtr.th

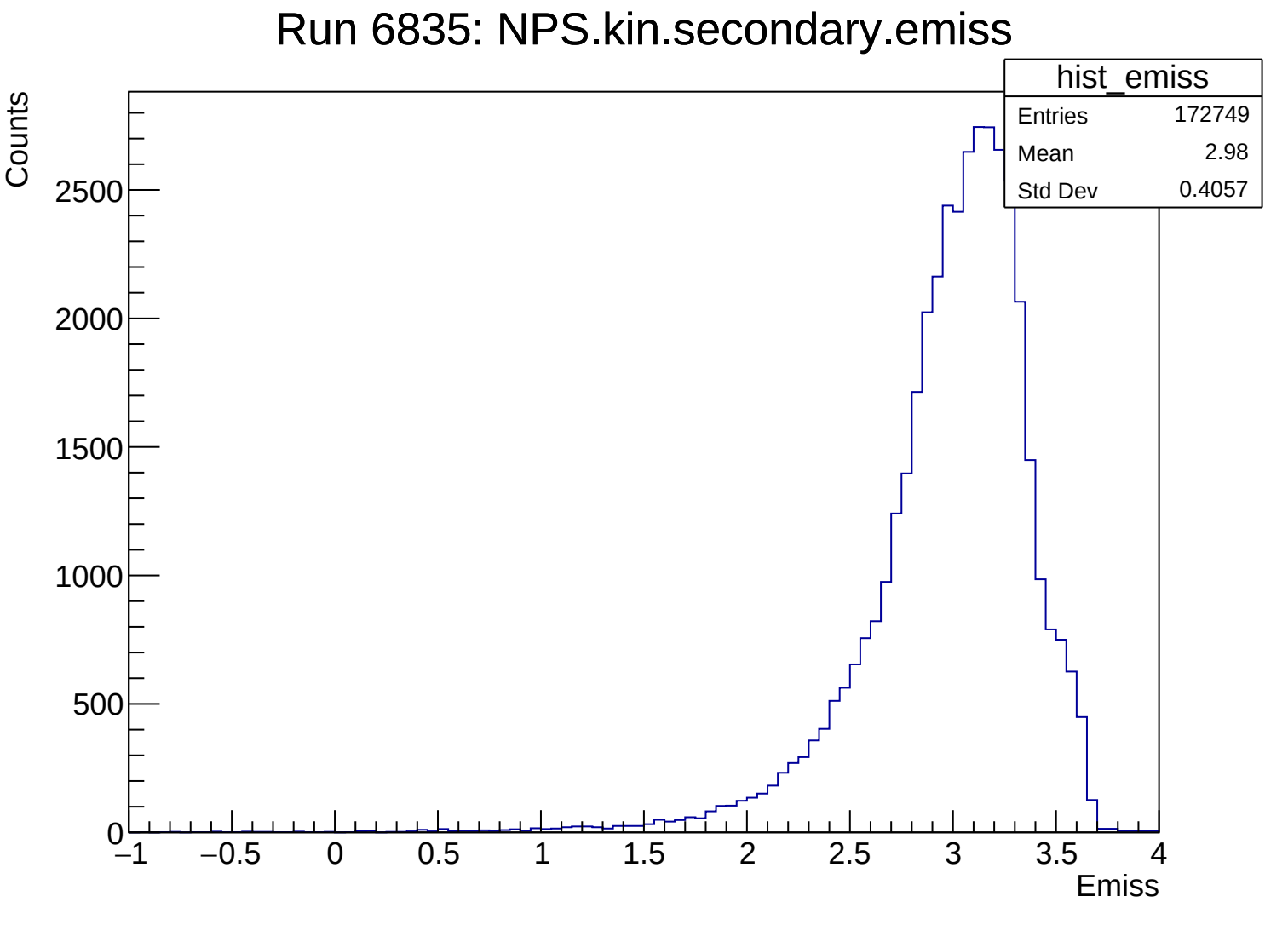

Run 6835: H.kin.W2
hist_w2
Entries 172749
Mean 1.44
Std Dev 0.4677
Counts
5000
4000
3000
2000
1000
0
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
2.4
2.6
W2

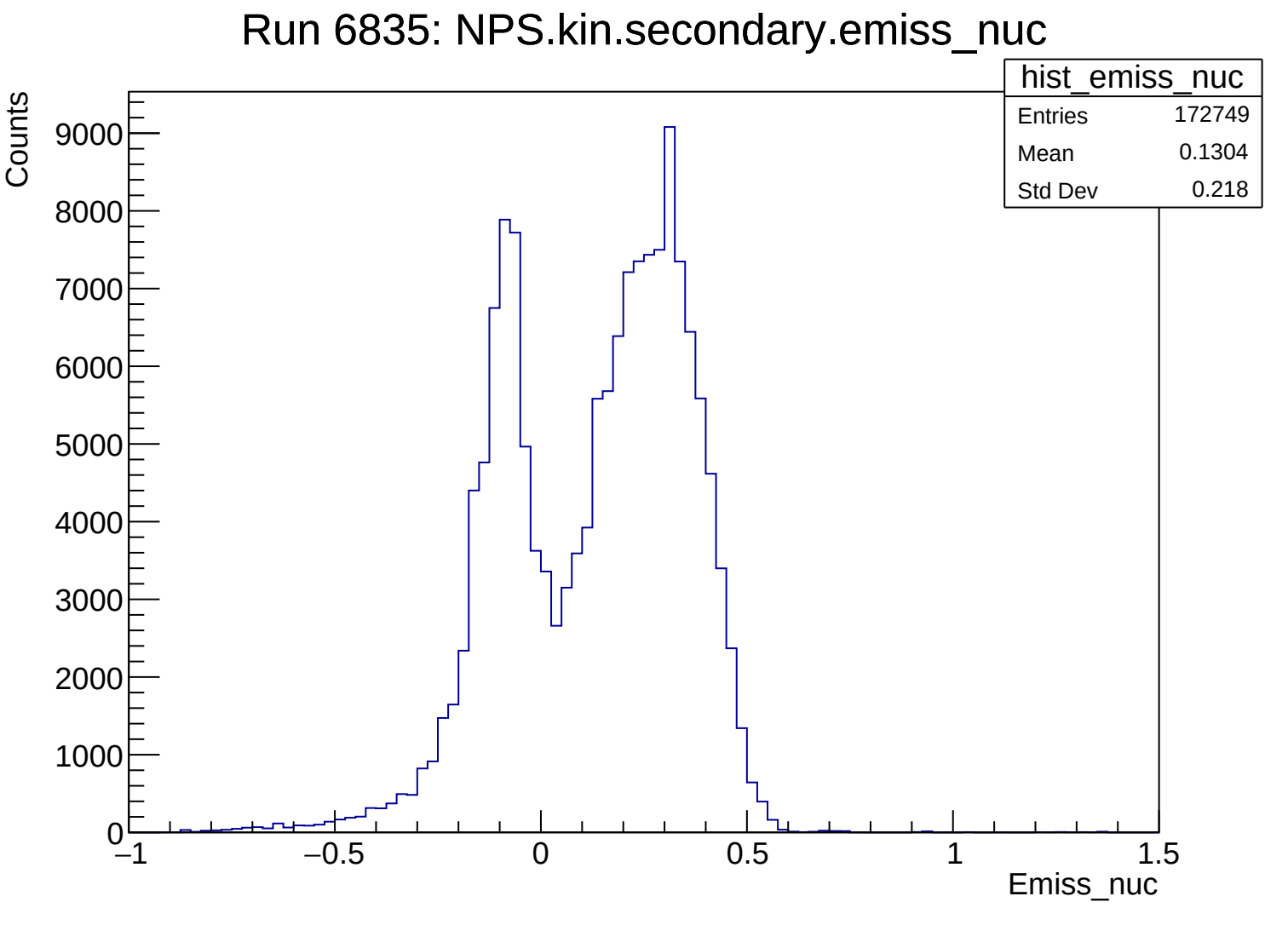

Run 6835: H.kin.x_bj
hist_x_bj
Entries 172749
Mean 0.891
Std Dev 0.09451
Counts
5000
4000
3000
2000
1000
0
0.6
0.7
0.8
0.9
1
1.1
1.2
x_bj

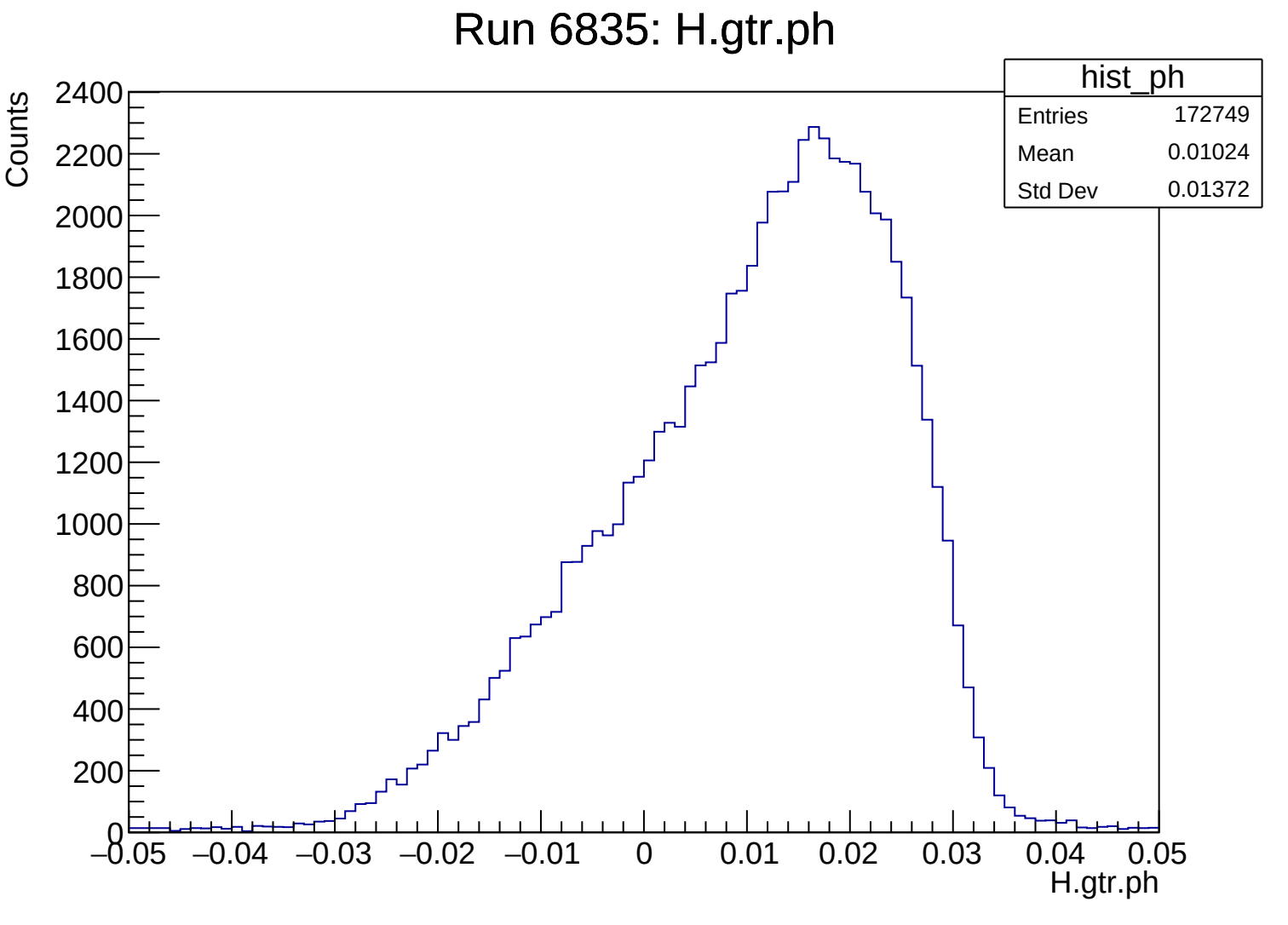

Run 6835: NPS.kin.secondary.pmiss_x
hist_pmiss_x
Entries 172749
Mean 0.06406
Std Dev 0.06846
Counts
5000
4000
3000
2000
1000
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_x

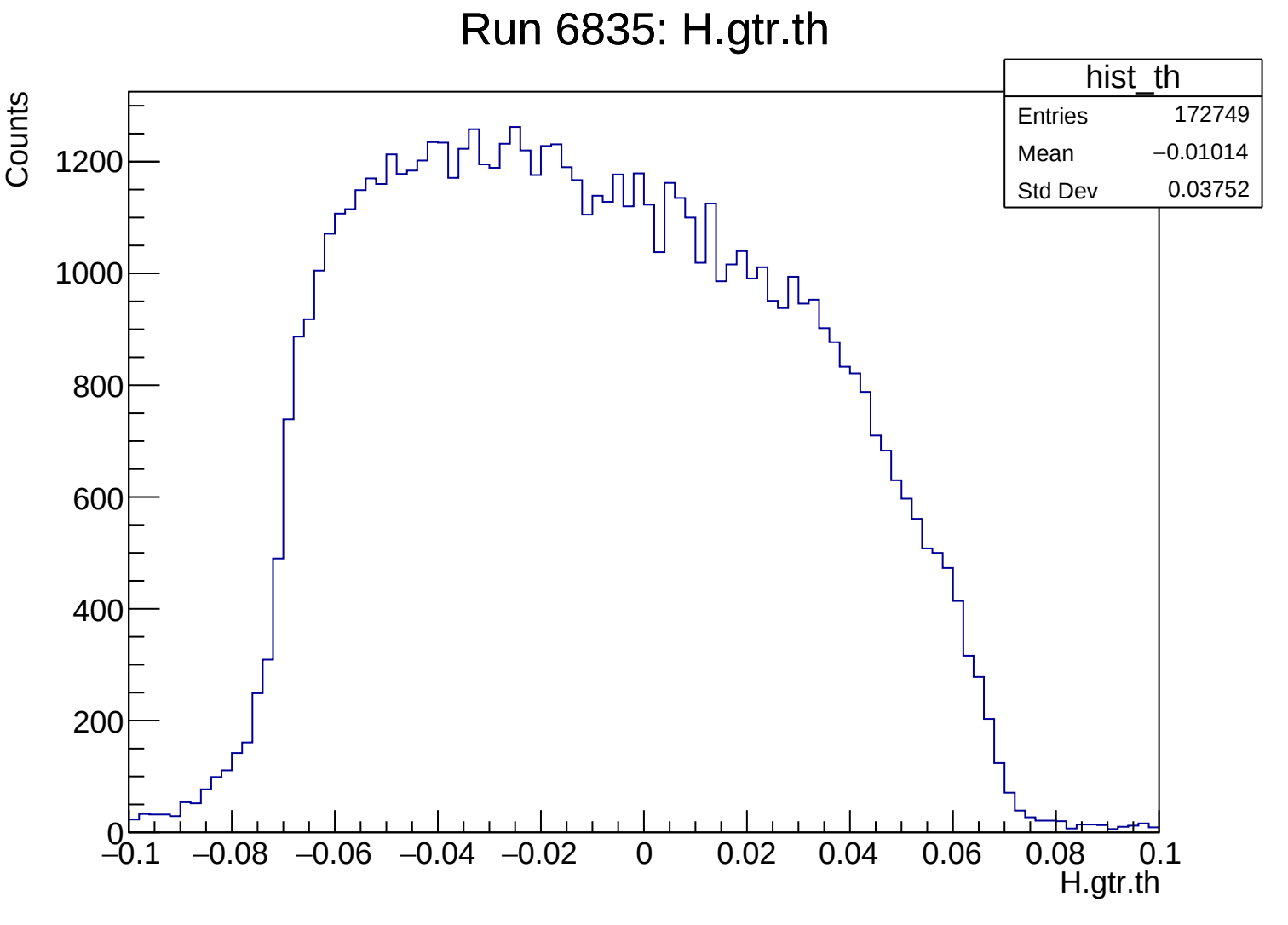

Run 6835: NPS.kin.secondary.pmiss_y
hist_pmiss_y
Entries 172749
Mean −0.003836
Std Dev 0.05615
Counts
7000
6000
5000
4000
3000
2000
1000
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_y

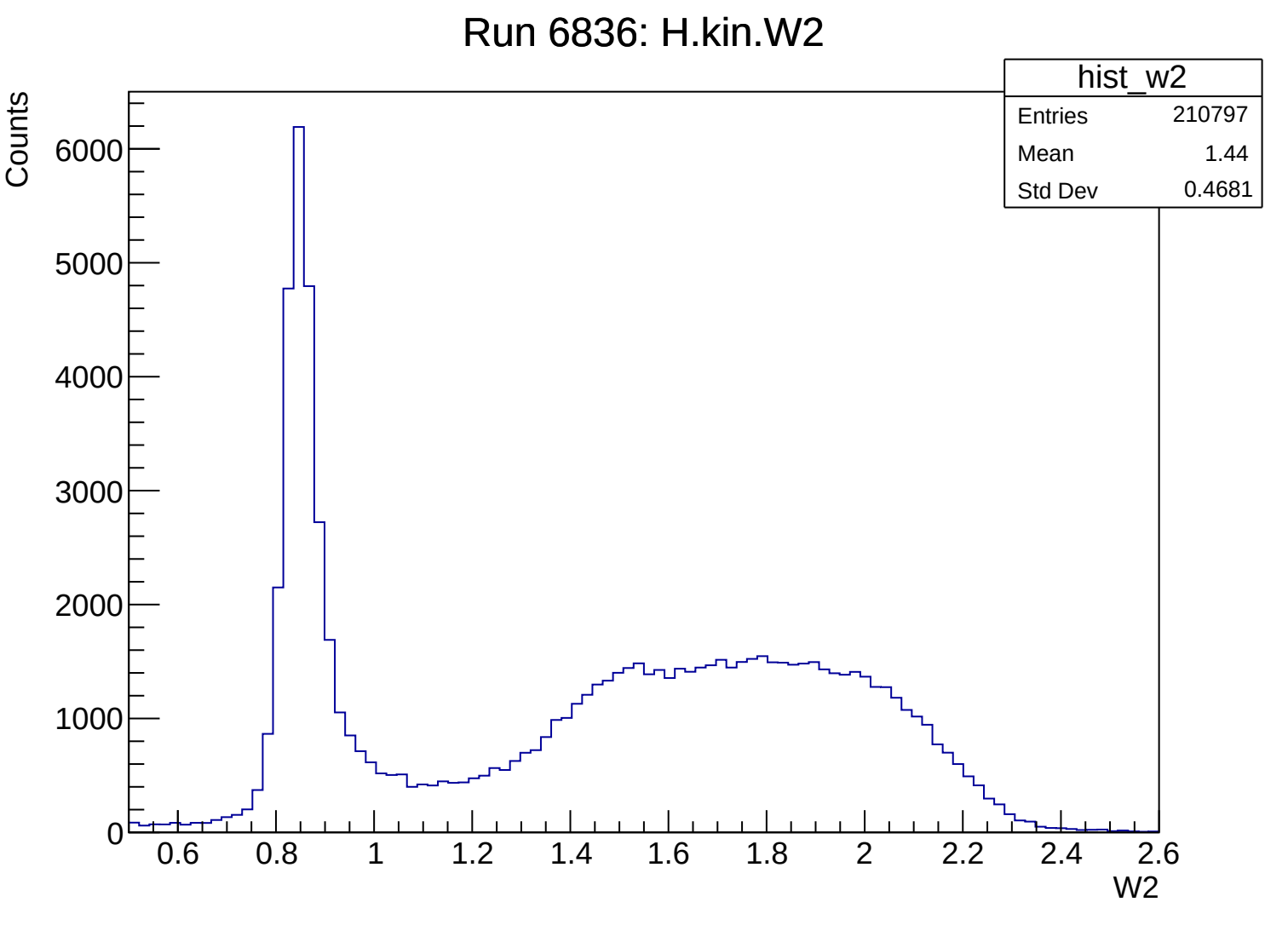

Run 6835: NPS.kin.secondary.pmiss_z
hist_pmiss_z
Entries 172749
Mean −2.791
Std Dev 0.3517
Counts
1800
1600
1400
1200
1000
800
600
400
200
0
−4
−3.5
−3
−2.5
−2
−1.5
−1
Pmiss_z

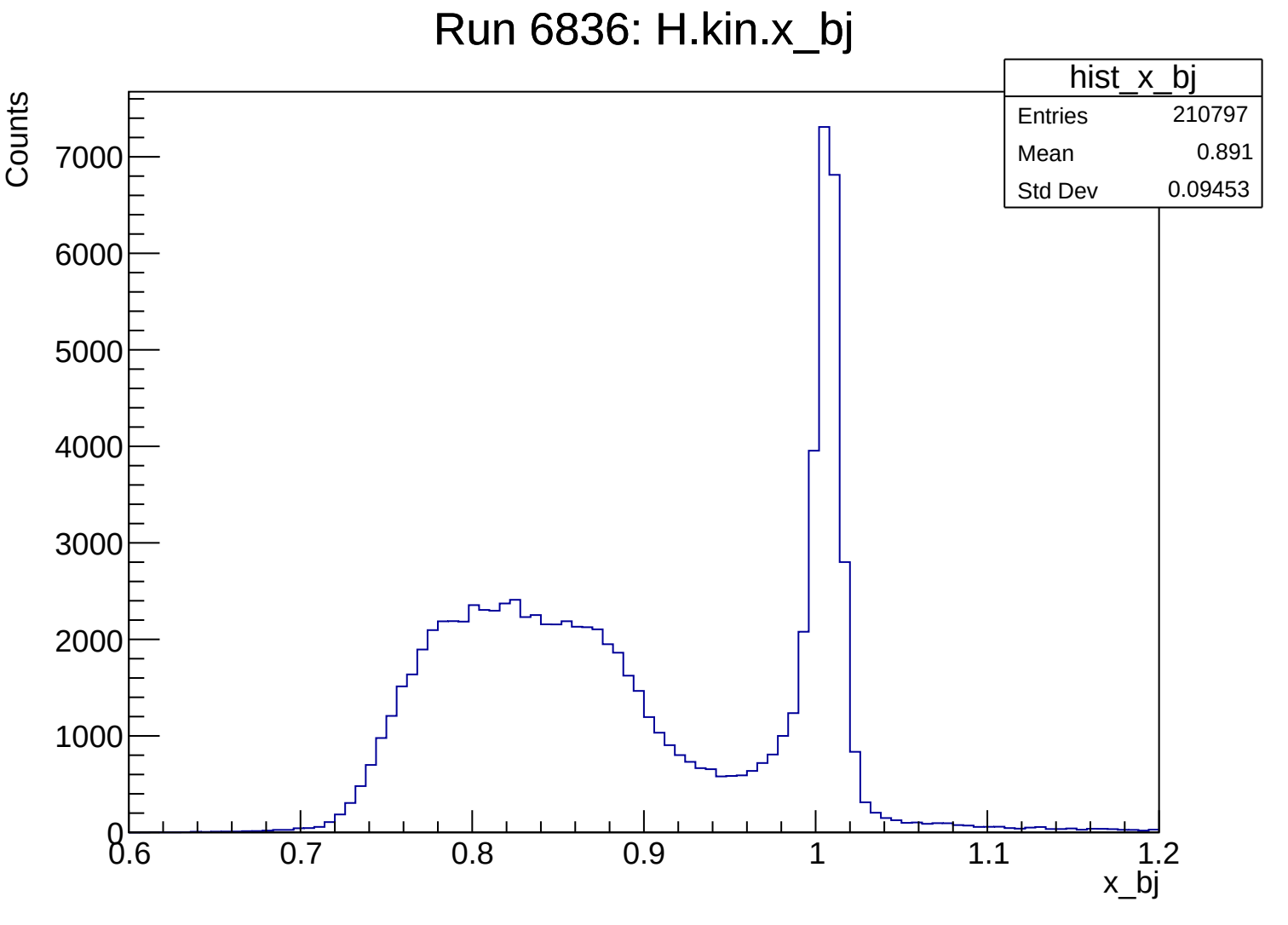

Run 6835: NPS.kin.secondary.emiss
hist_emiss
Entries 172749
Mean 2.98
Std Dev 0.4057
Counts
2500
2000
1500
1000
500
0
−1
−0.5
0
0.5
1
1.5
2
2.5
3
3.5
4
Emiss

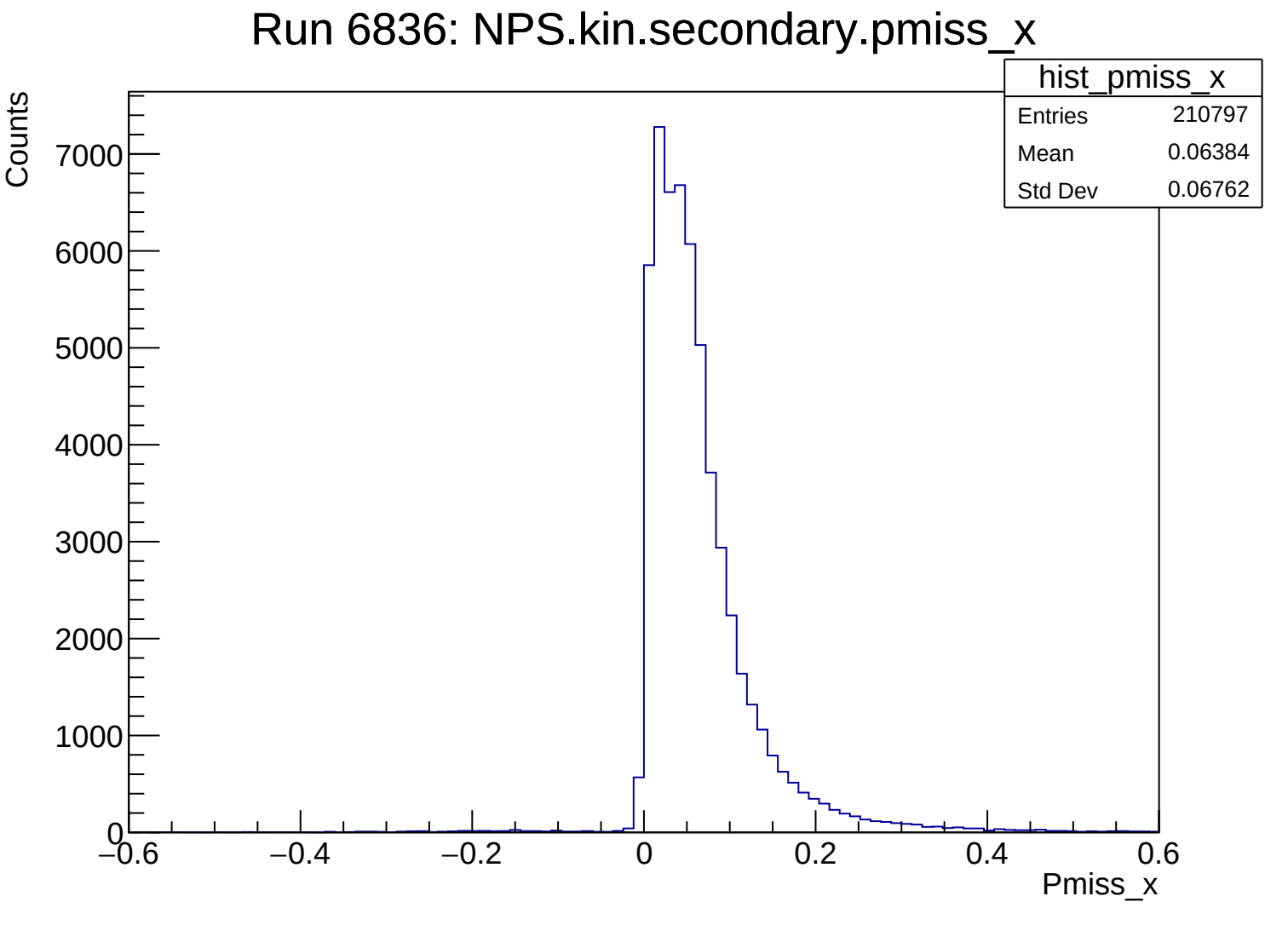

Run 6835: NPS.kin.secondary.emiss_nuc
hist_emiss_nuc
Entries 172749
Mean 0.1304
Std Dev 0.218
Counts
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
−1
−0.5
0
0.5
1
1.5
Emiss_nuc

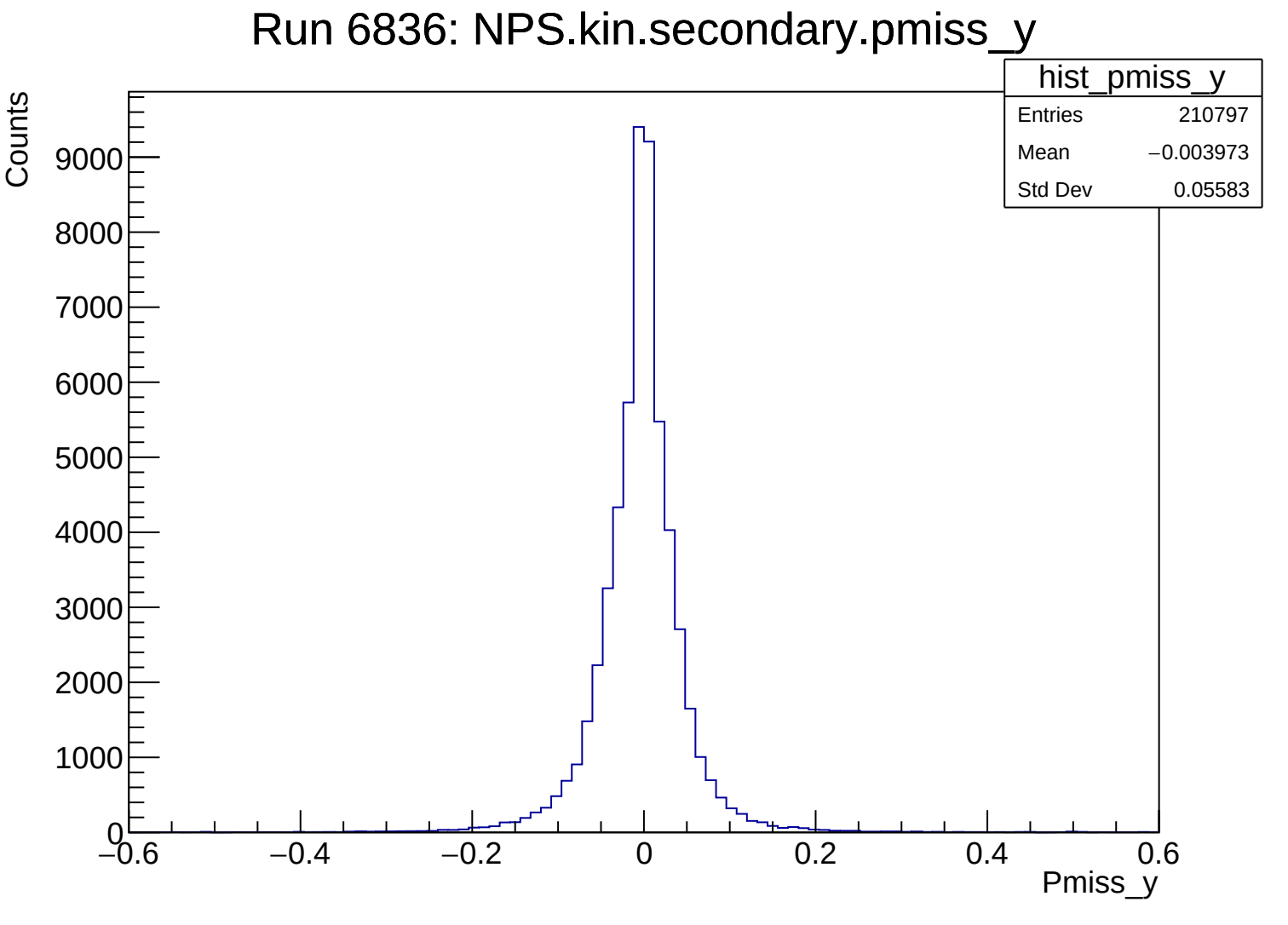

Run 6835: H.gtr.ph
hist_ph
Entries 172749
Mean 0.01024
Std Dev 0.01372
Counts
2400
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
–0.05
–0.04
–0.03
–0.02
–0.01
0
0.01
0.02
0.03
0.04
0.05
H.gtr.ph

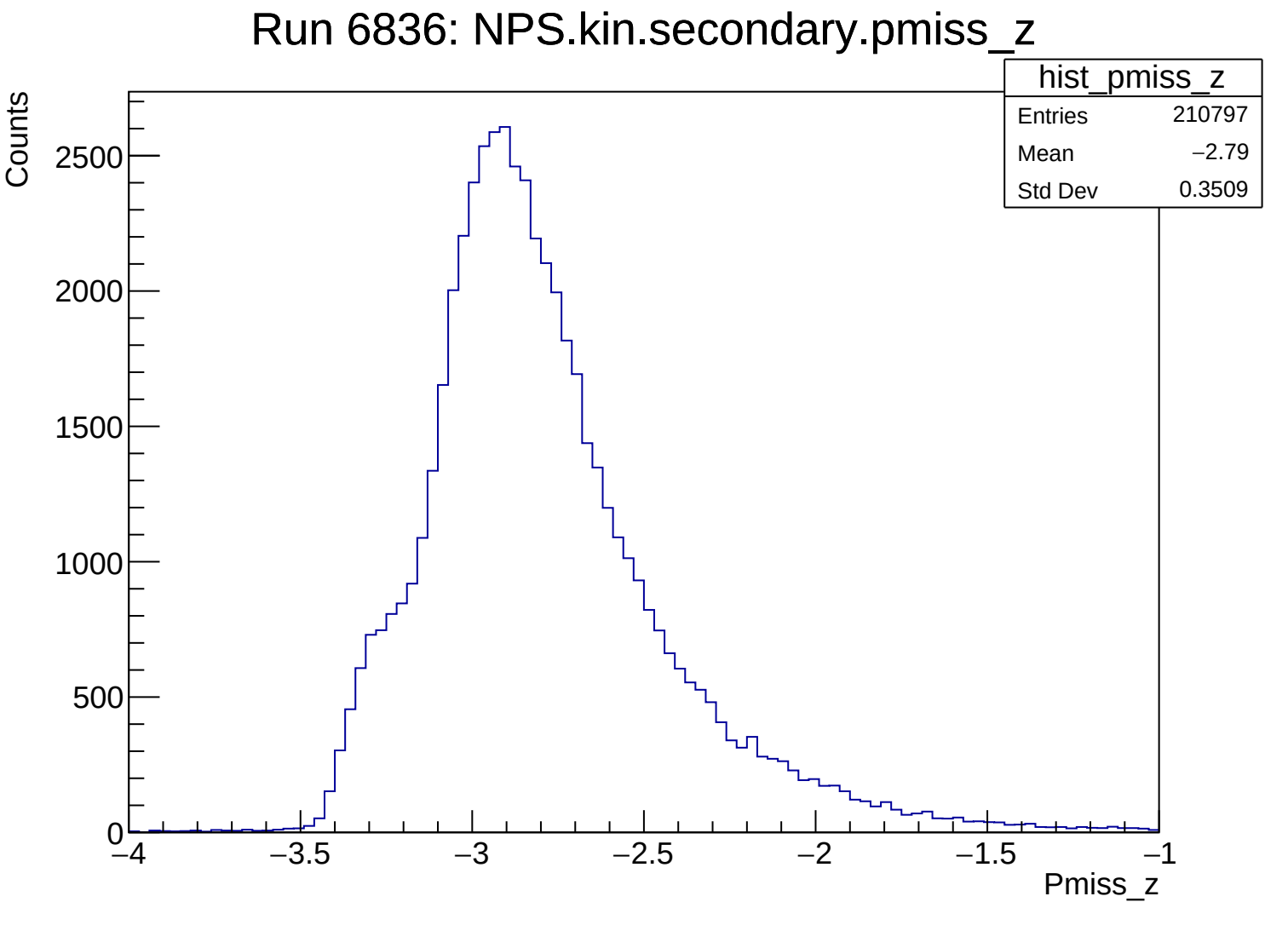

Run 6835: H.gtr.th
hist_th
Entries 172749
Mean −0.01014
Std Dev 0.03752
Counts
1200
1000
800
600
400
200
0
−0.1
−0.08
−0.06
−0.04
−0.02
0
0.02
0.04
0.06
0.08
0.1
H.gtr.th

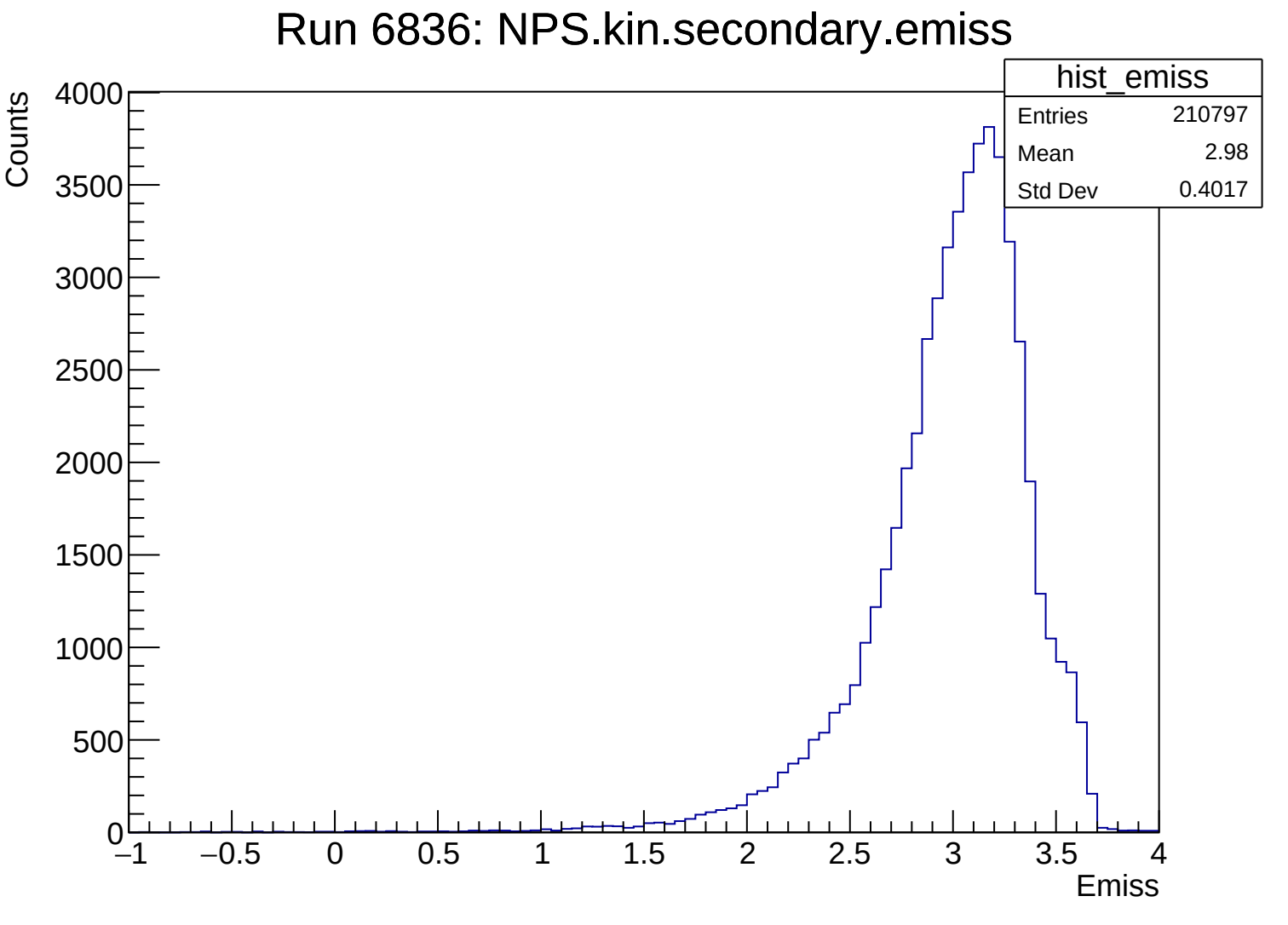

Run 6836: H.kin.W2
hist_w2
Entries 210797
Mean 1.44
Std Dev 0.4681
Counts
6000
5000
4000
3000
2000
1000
0
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
2.4
2.6
W2

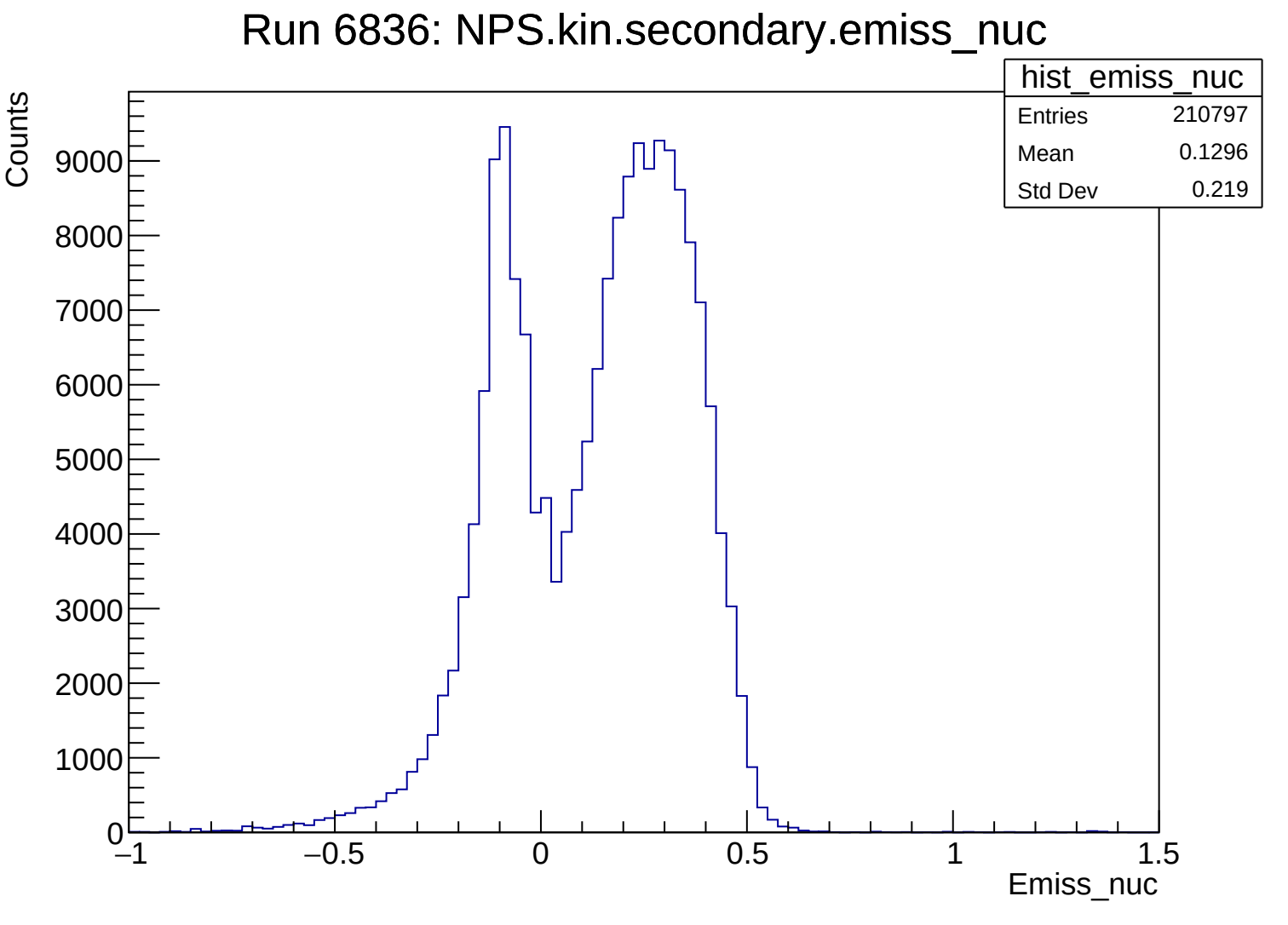

Run 6836: H.kin.x_bj
hist_x_bj
Entries 210797
Mean 0.891
Std Dev 0.09453
Counts
7000
6000
5000
4000
3000
2000
1000
0
0.6
0.7
0.8
0.9
1
1.1
1.2
x_bj

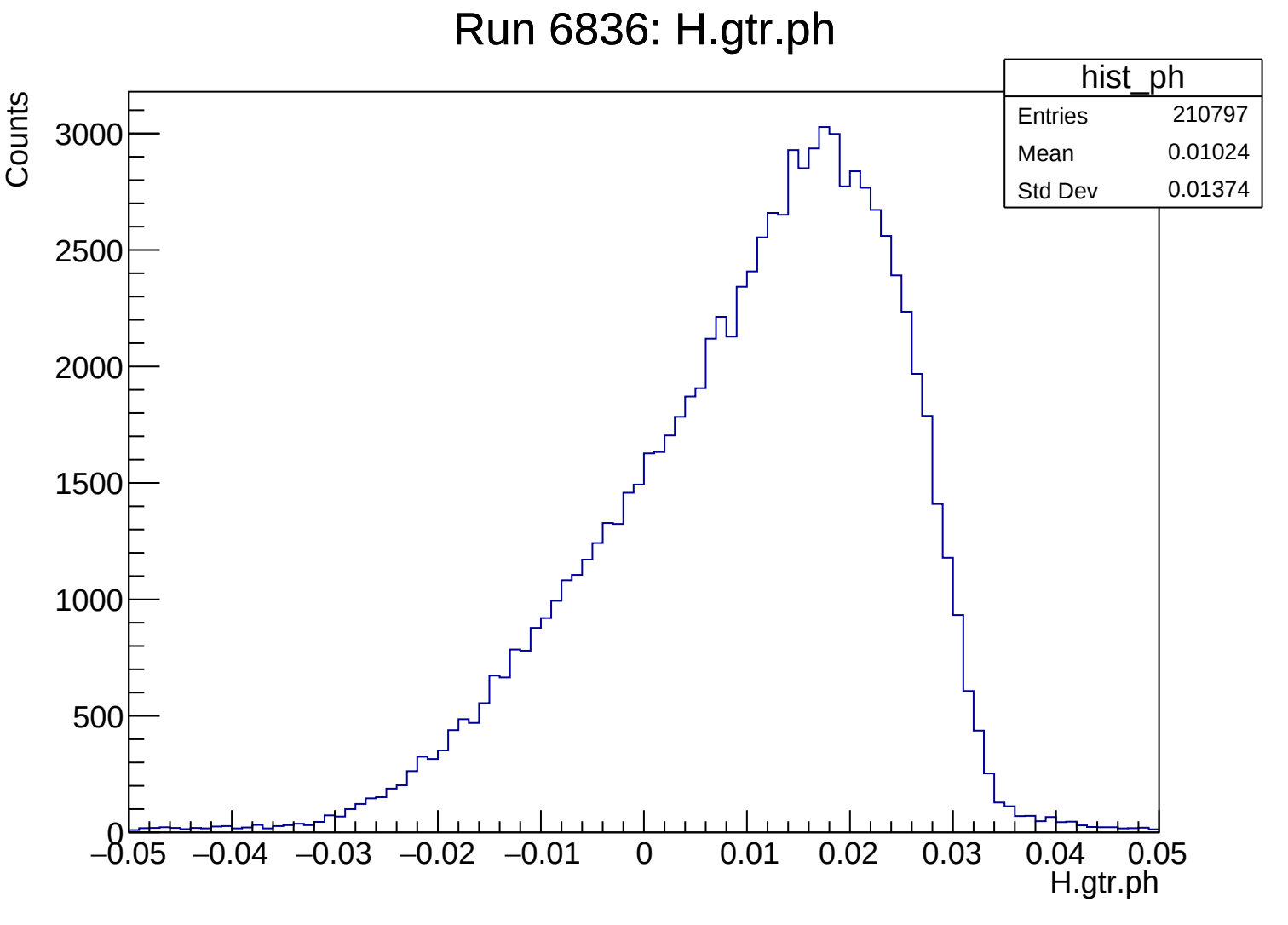

Run 6836: NPS.kin.secondary.pmiss_x
hist_pmiss_x
Entries 210797
Mean 0.06384
Std Dev 0.06762
Counts
7000
6000
5000
4000
3000
2000
1000
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_x

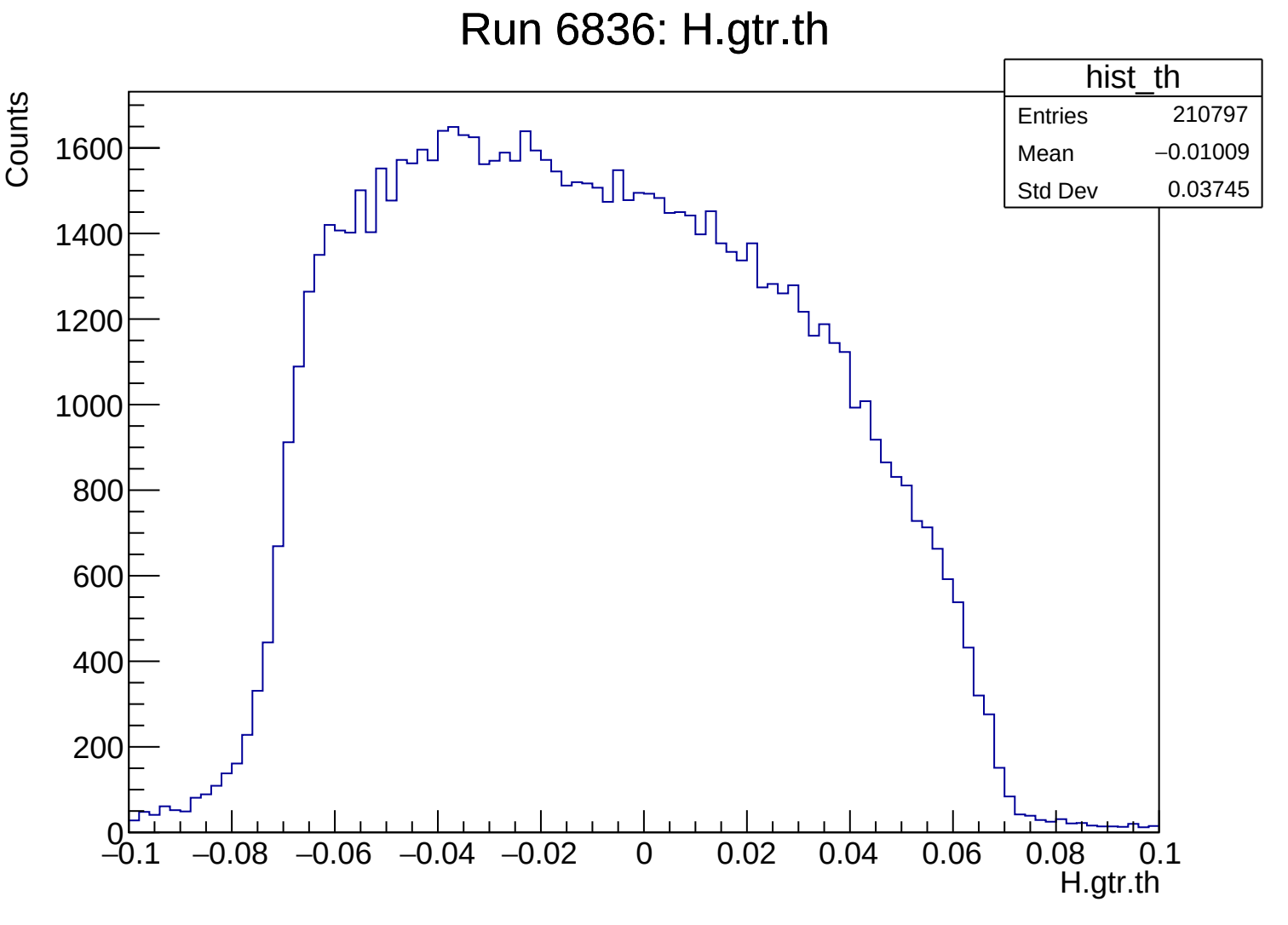

Run 6836: NPS.kin.secondary.pmiss_y
hist_pmiss_y
Entries 210797
Mean −0.003973
Std Dev 0.05583
Counts
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_y

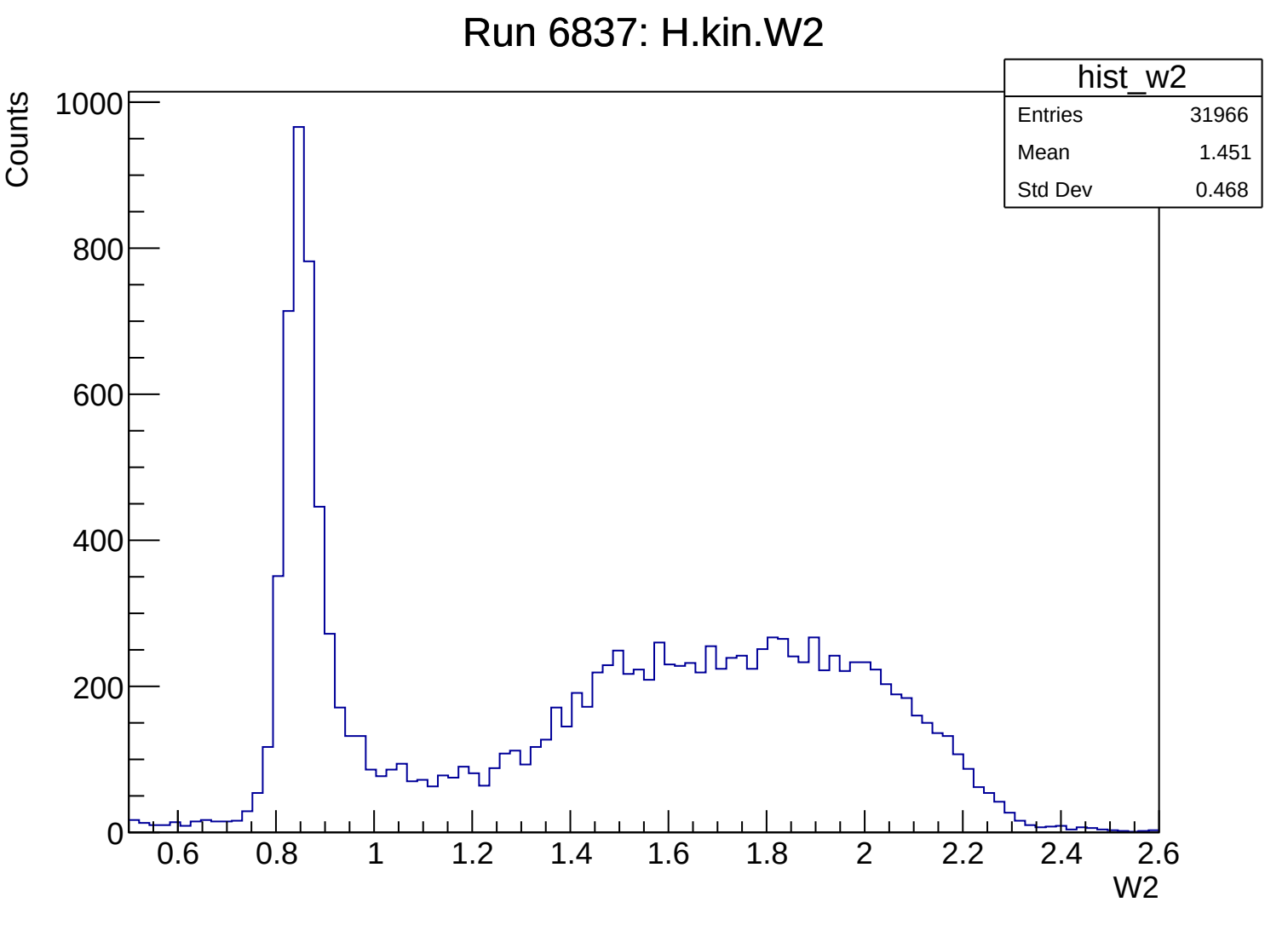

Run 6836: NPS.kin.secondary.pmiss_z
hist_pmiss_z
Entries 210797
Mean −2.79
Std Dev 0.3509
Counts
2500
2000
1500
1000
500
0
−4
−3.5
−3
−2.5
−2
−1.5
−1
Pmiss_z

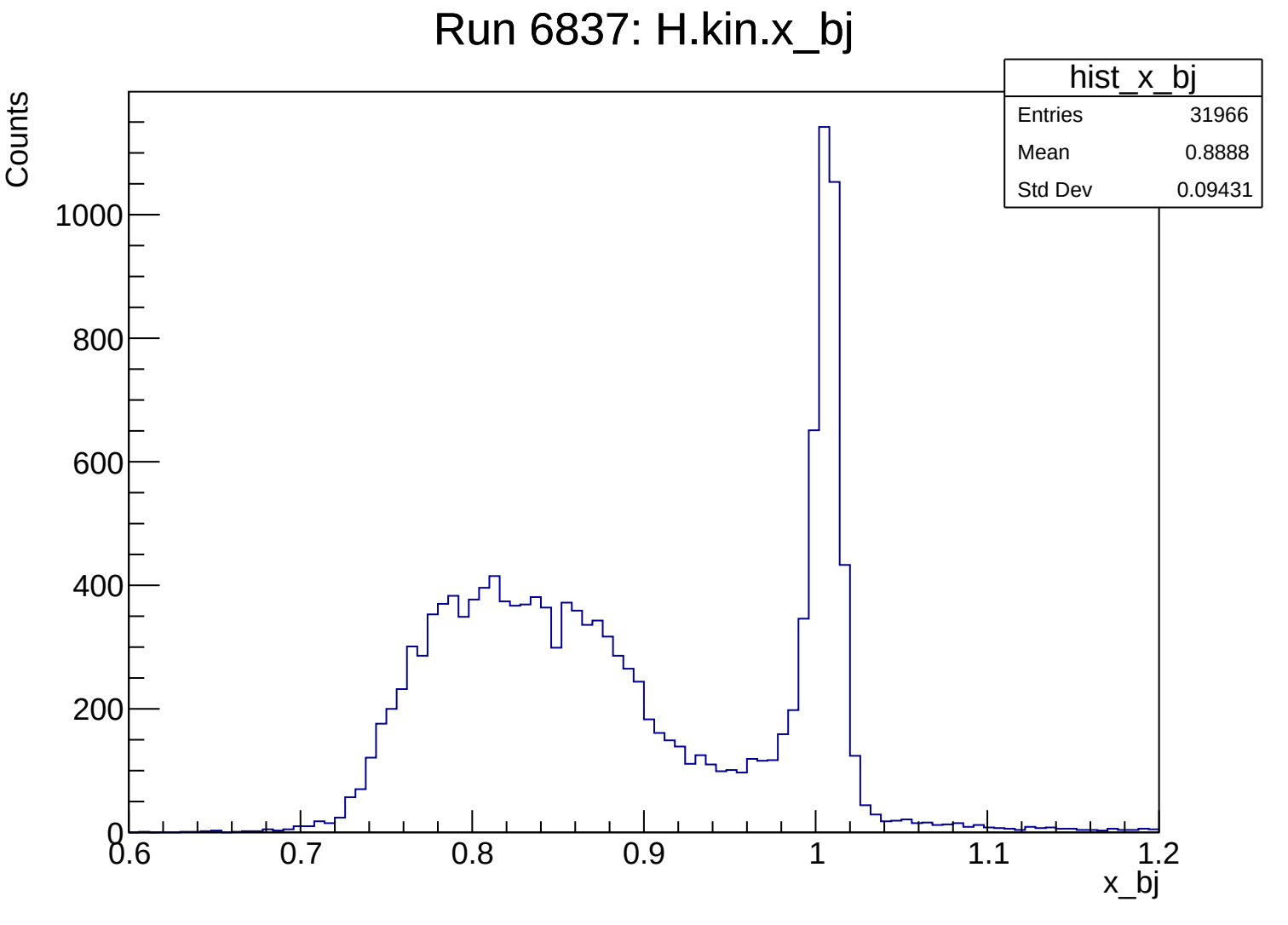

Run 6836: NPS.kin.secondary.emiss
hist_emiss
Entries 210797
Mean 2.98
Std Dev 0.4017
Counts
4000
3500
3000
2500
2000
1500
1000
500
0
−1
−0.5
0
0.5
1
1.5
2
2.5
3
3.5
4
Emiss

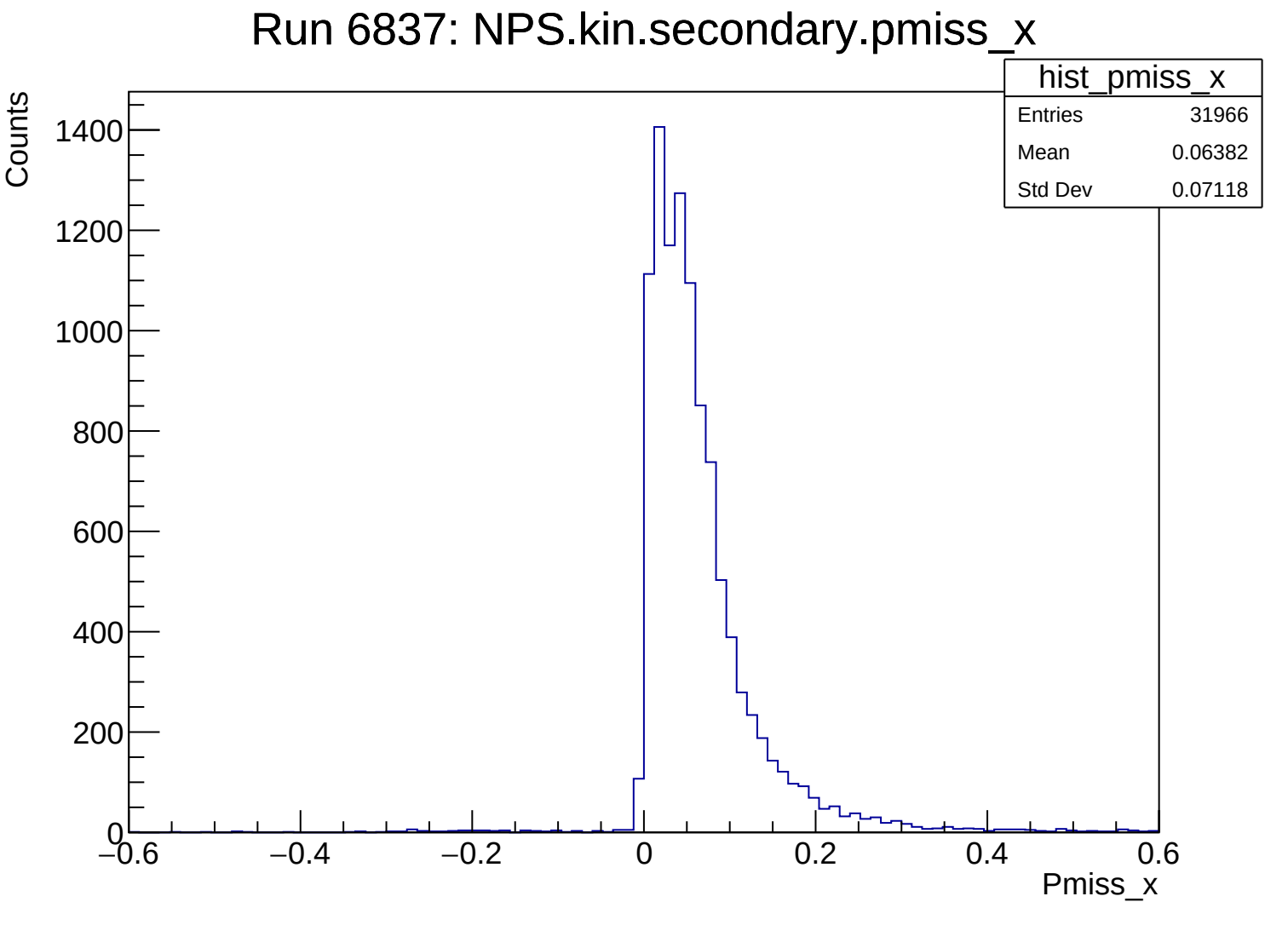

Run 6836: NPS.kin.secondary.emiss_nuc
hist_emiss_nuc
Entries 210797
Mean 0.1296
Std Dev 0.219
Counts
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
−1
−0.5
0
0.5
1
1.5
Emiss_nuc

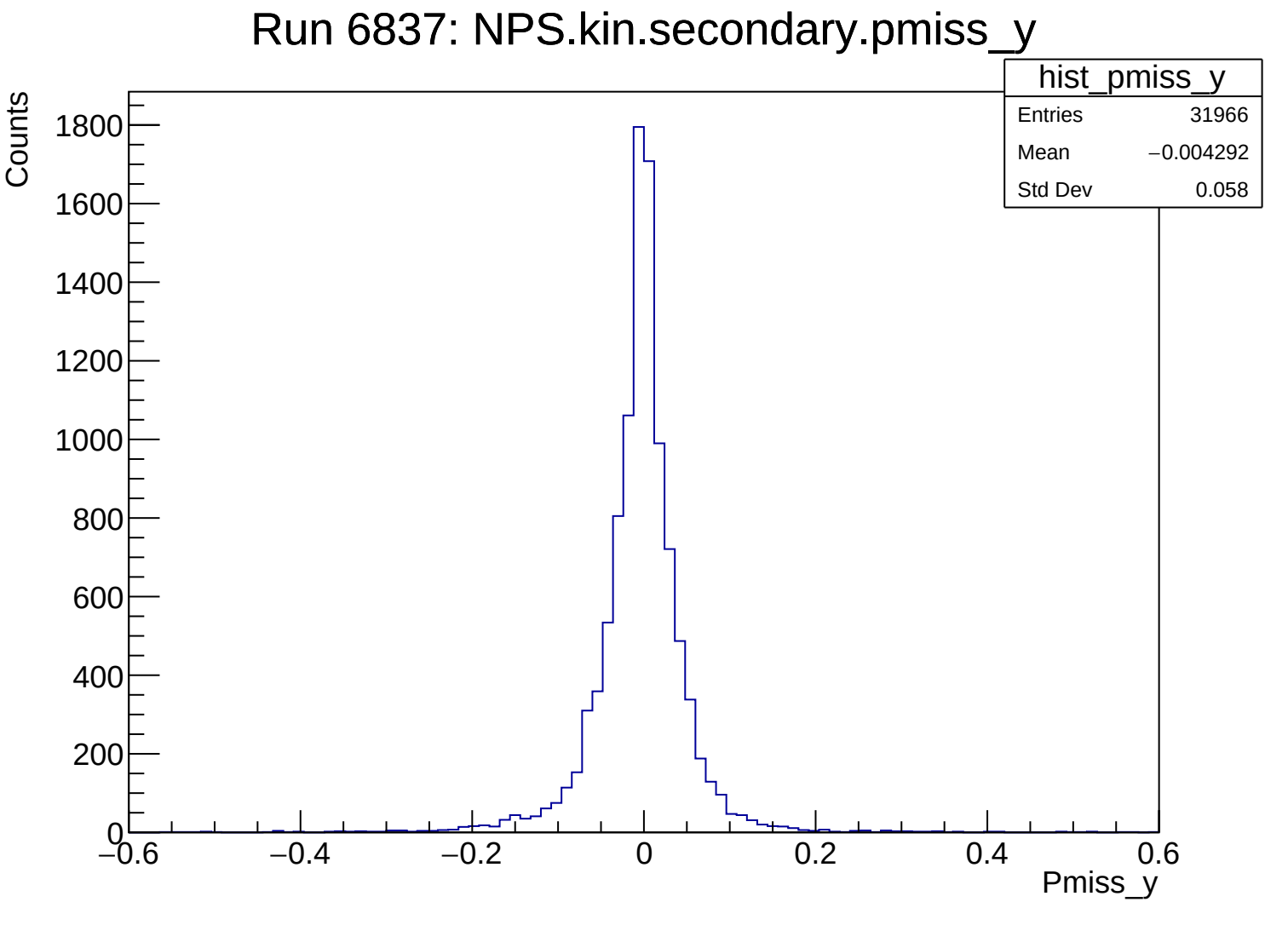

Run 6836: H.gtr.ph
hist_ph
Entries 210797
Mean 0.01024
Std Dev 0.01374
Counts
3000
2500
2000
1500
1000
500
0
–0.05
–0.04
–0.03
–0.02
–0.01
0
0.01
0.02
0.03
0.04
0.05
H.gtr.ph

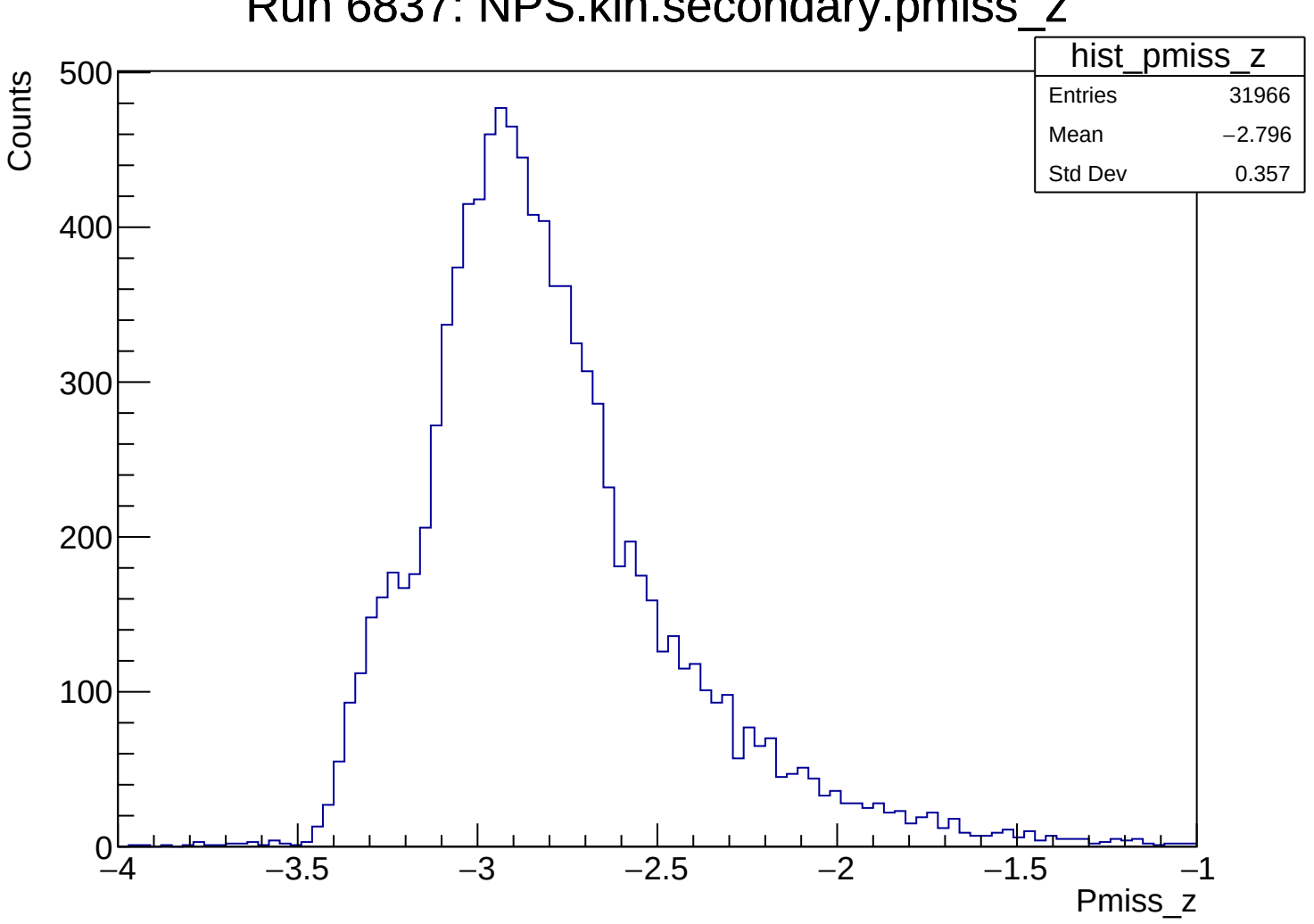

Run 6836: H.gtr.th
hist_th
Entries 210797
Mean −0.01009
Std Dev 0.03745
Counts
1600
1400
1200
1000
800
600
400
200
0
−0.1
−0.08
−0.06
−0.04
−0.02
0
0.02
0.04
0.06
0.08
0.1
H.gtr.th

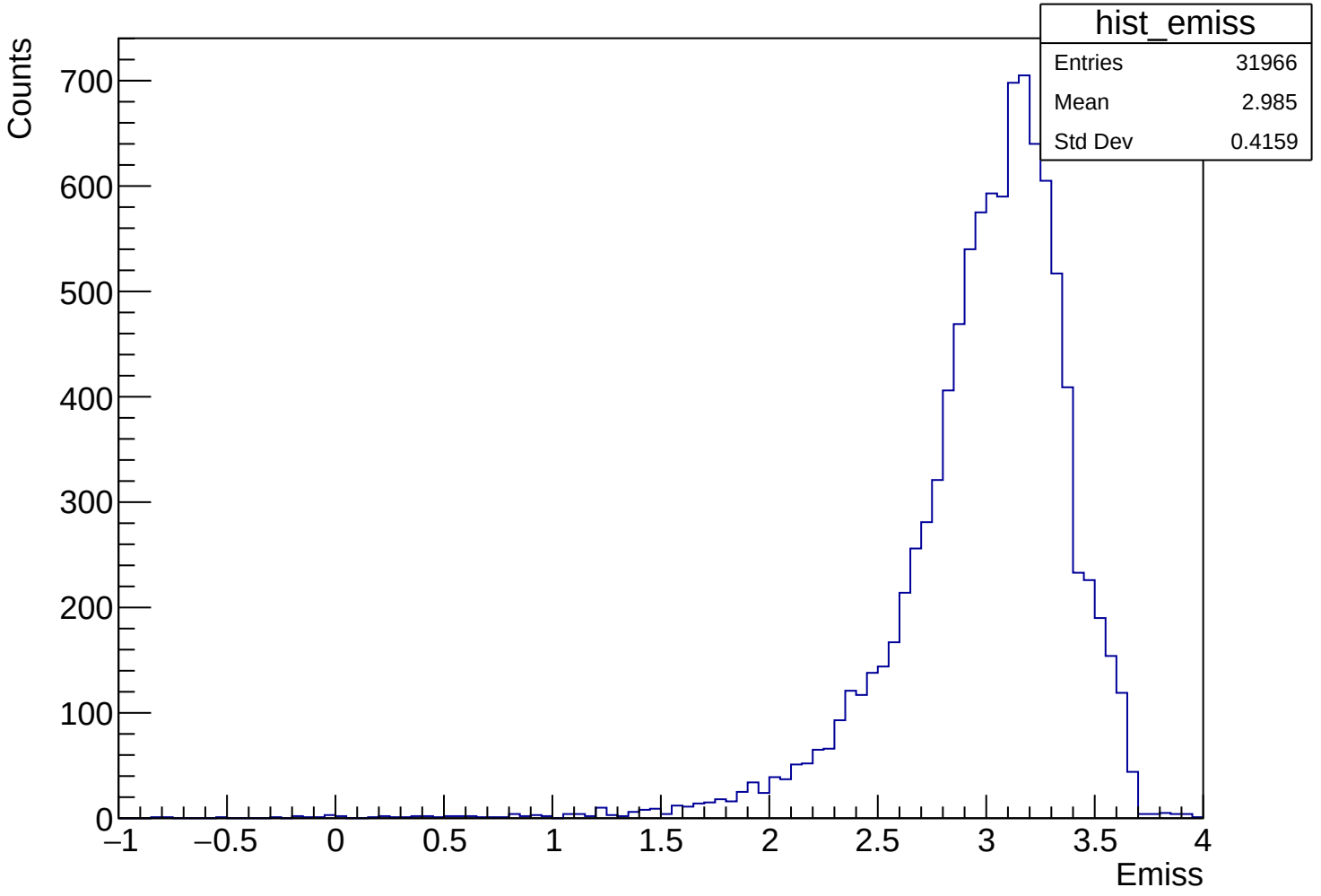

Run 6837: H.kin.W2
hist_w2
Entries 31966
Mean 1.451
Std Dev 0.468
Counts
1000
800
600
400
200
0
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
2.4
2.6
W2

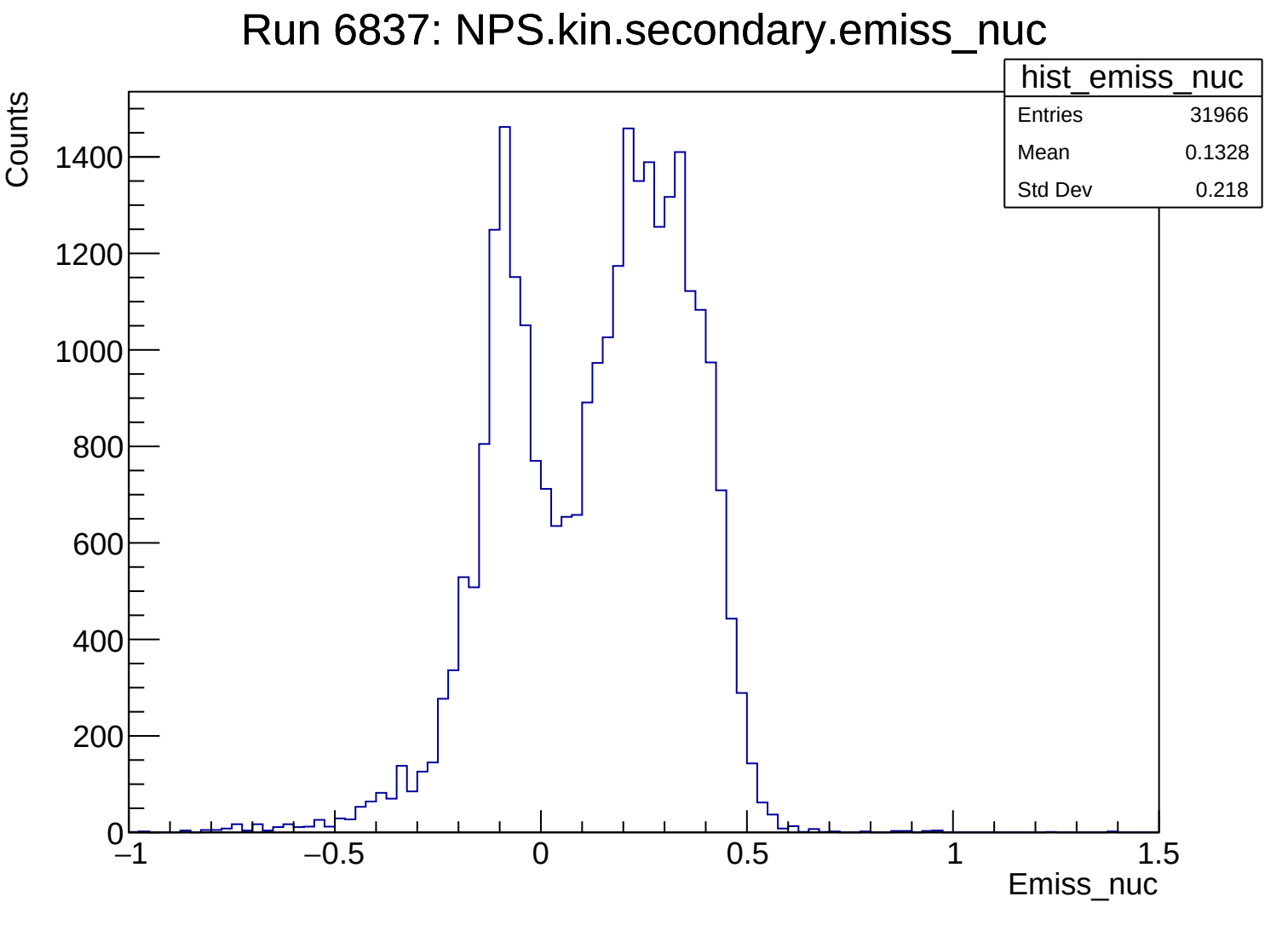

Run 6837: H.kin.x_bj
hist_x_bj
Entries 31966
Mean 0.8888
Std Dev 0.09431
Counts
1000
800
600
400
200
0
0.6
0.7
0.8
0.9
1
1.1
1.2
x_bj

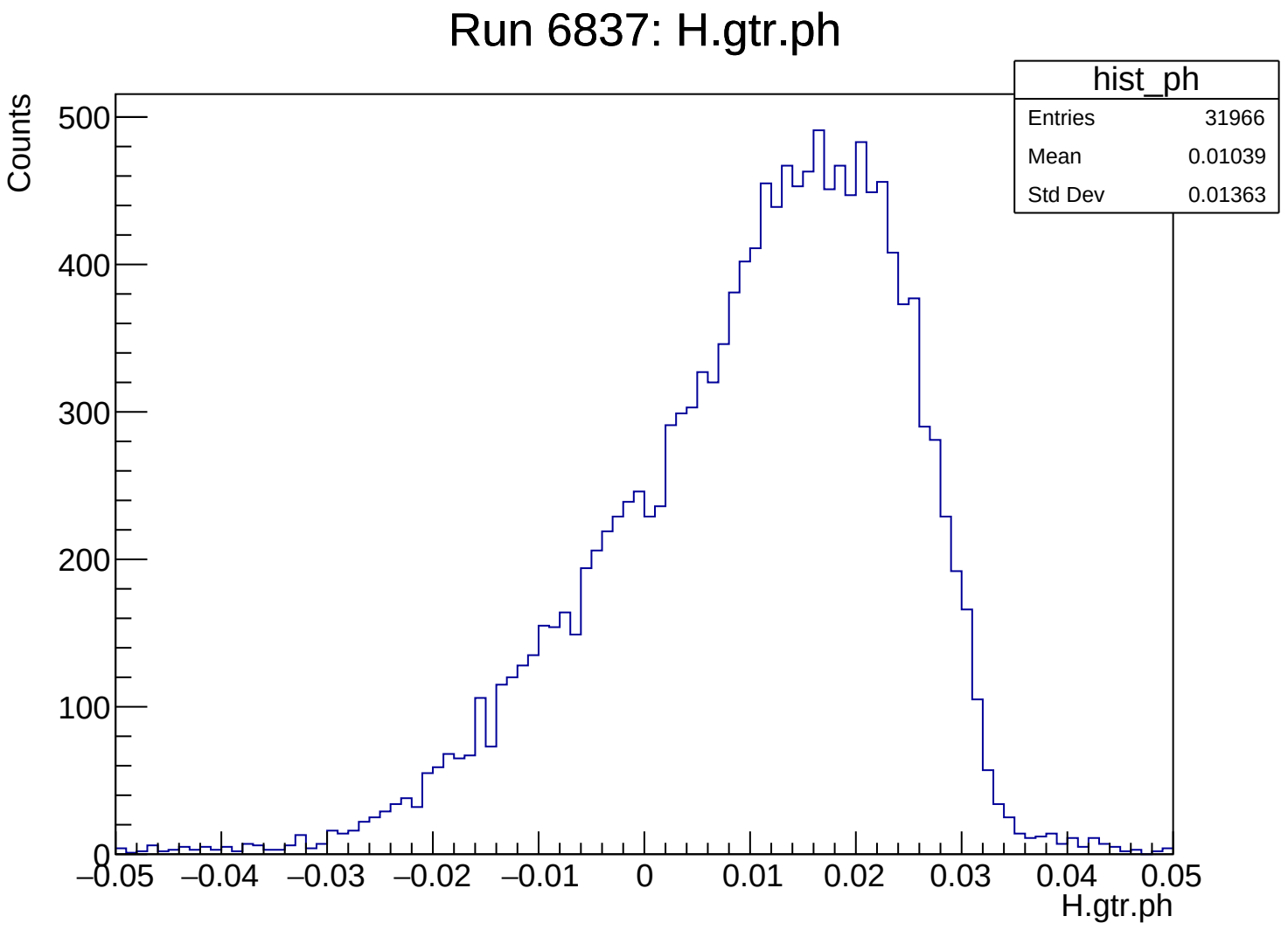

Run 6837: NPS.kin.secondary.pmiss_x
hist_pmiss_x
Entries 31966
Mean 0.06382
Std Dev 0.07118
Counts
1400
1200
1000
800
600
400
200
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_x

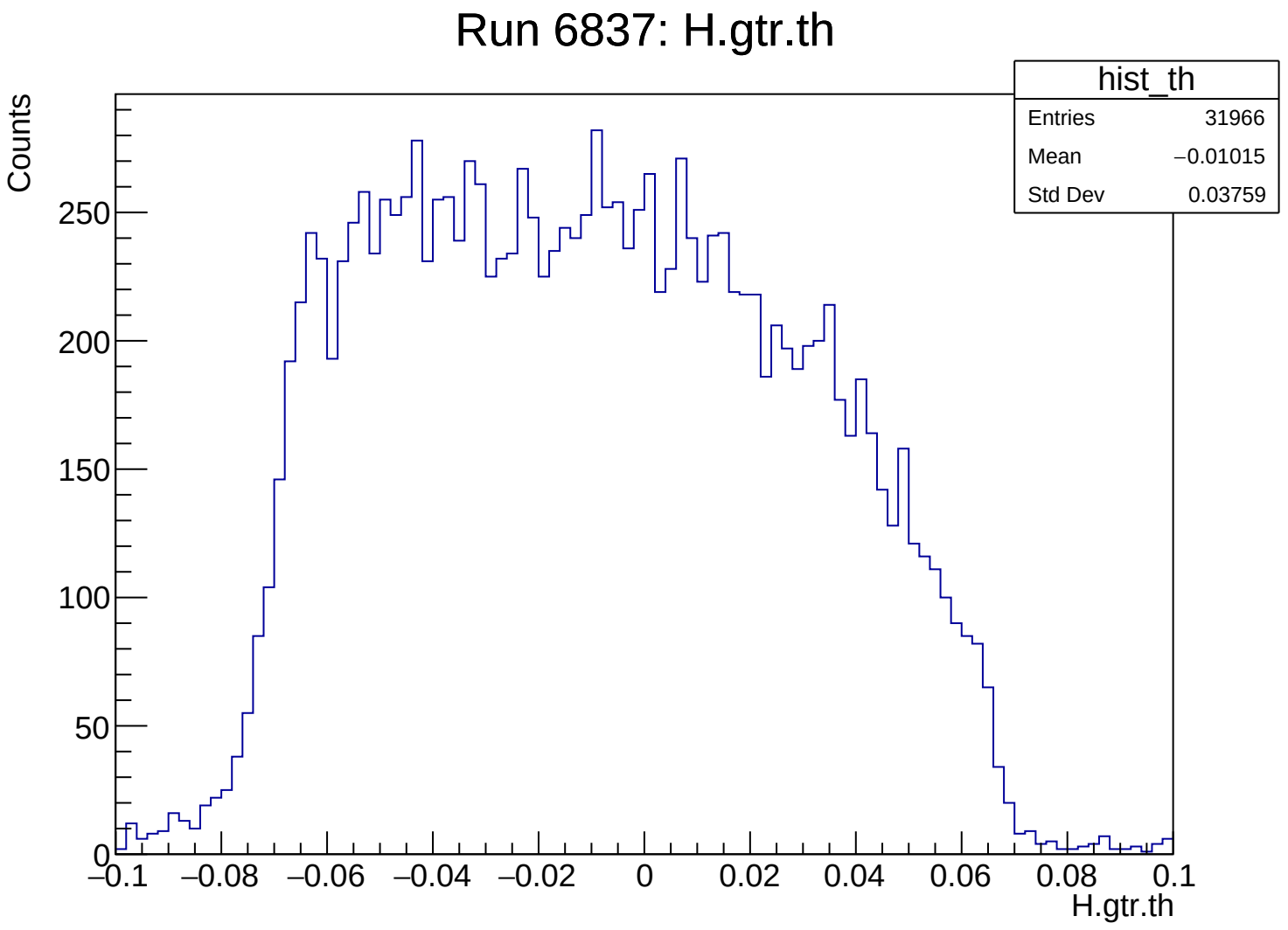

Run 6837: NPS.kin.secondary.pmiss_y
hist_pmiss_y
Entries 31966
Mean −0.004292
Std Dev 0.058
Counts
1800
1600
1400
1200
1000
800
600
400
200
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_y

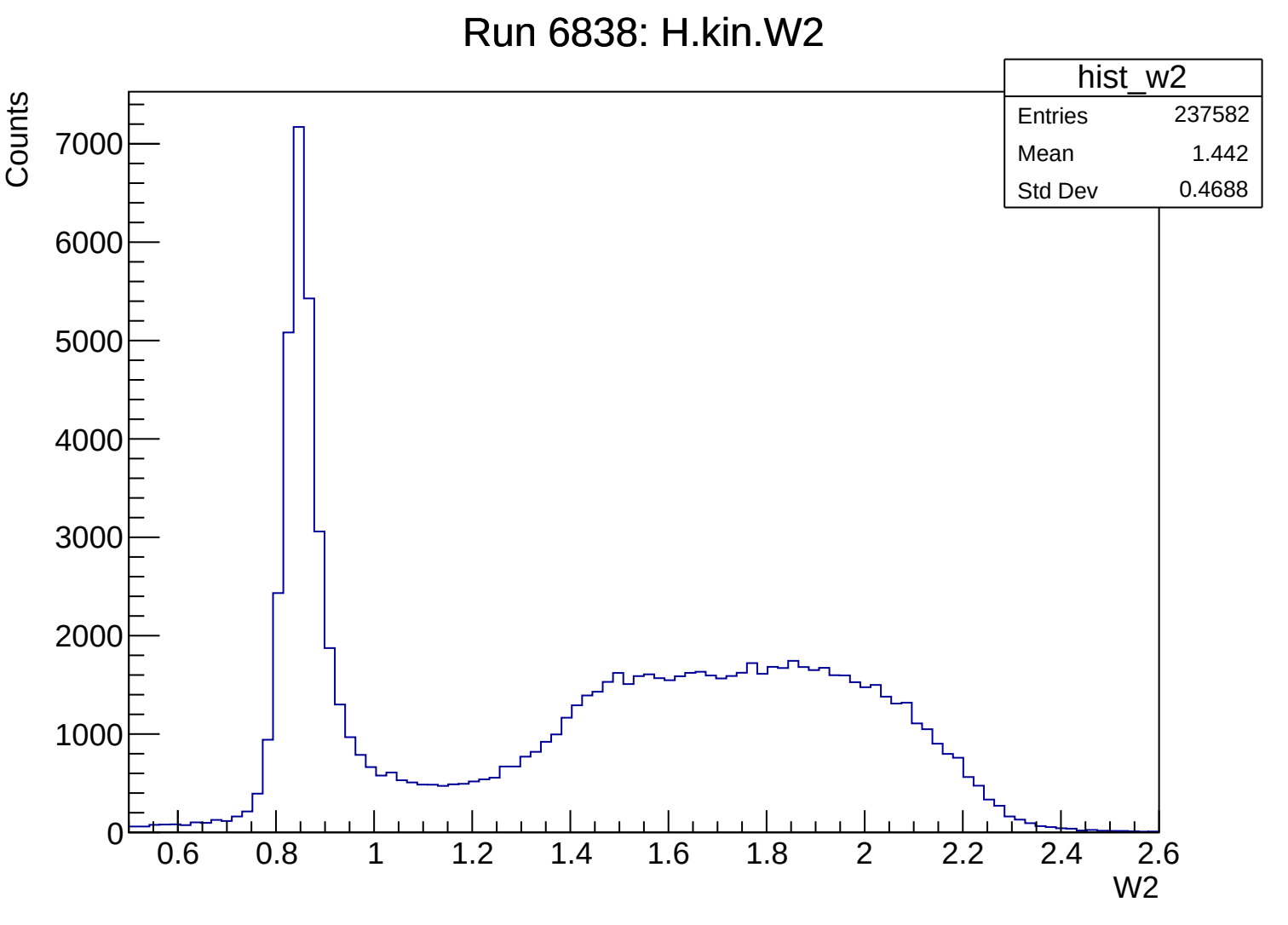

Run 6837: NPS.kin.secondary.pmiss_z
hist_pmiss_z
Entries 31966
Mean −2.796
Std Dev 0.357
Counts
500
400
300
200
100
0
−4
−3.5
−3
−2.5
−2
−1.5
−1
Pmiss_z

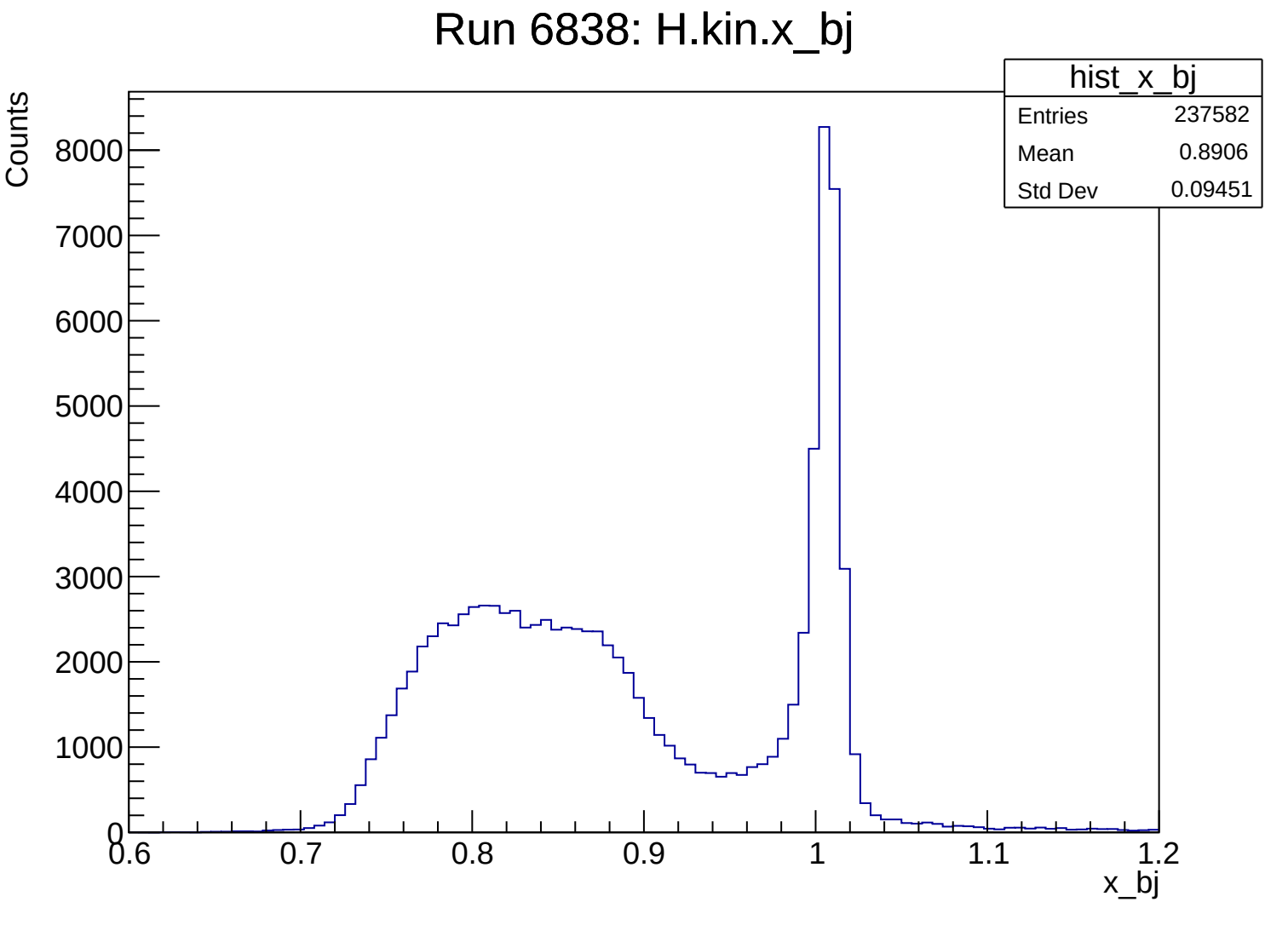

Run 6837: NPS.kin.secondary.emiss
hist_emiss
Entries 31966
Mean 2.985
Std Dev 0.4159
Counts
0
100
200
300
400
500
600
700
−1
−0.5
0
0.5
1
1.5
2
2.5
3
3.5
4
Emiss

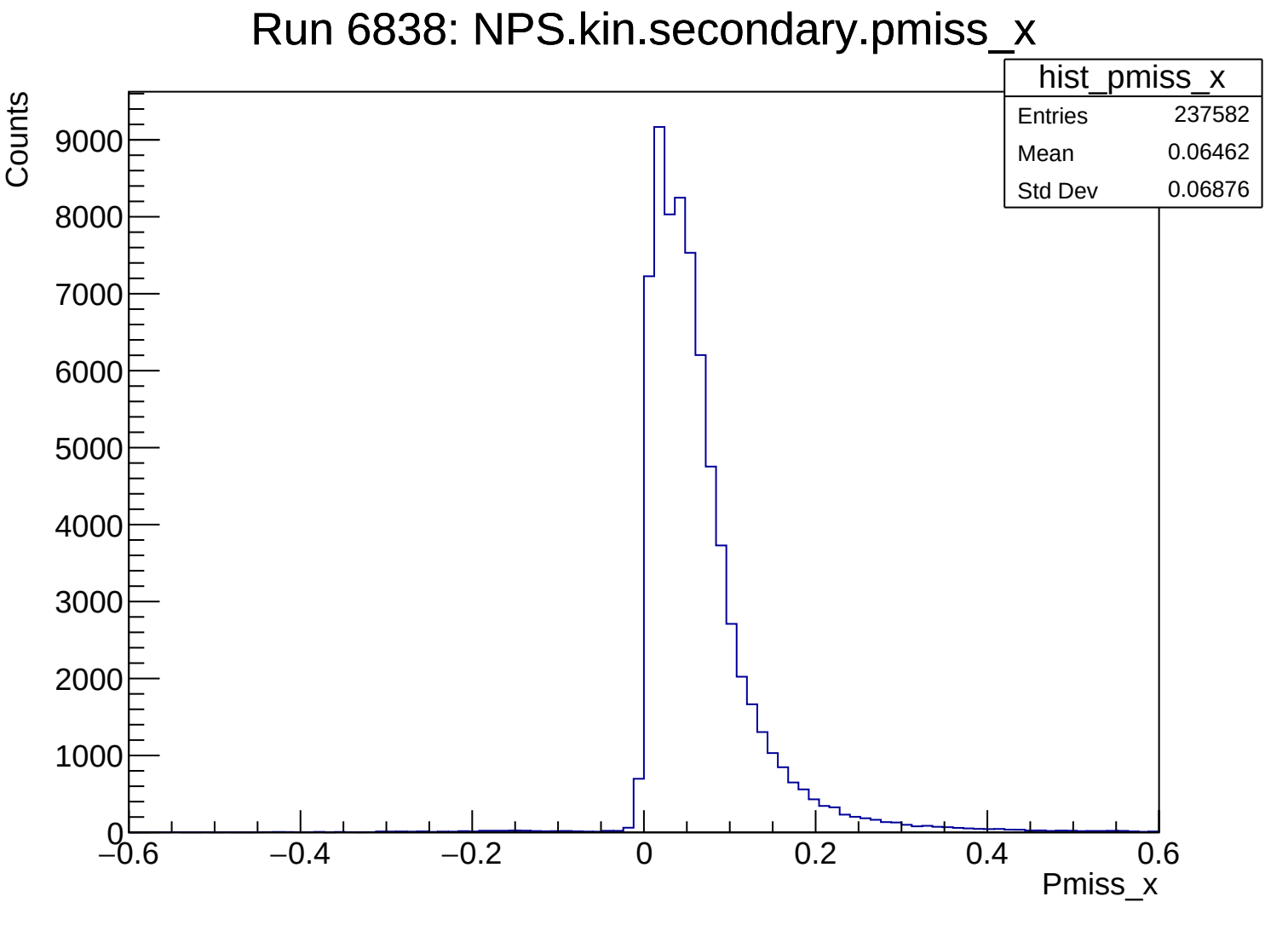

Run 6837: NPS.kin.secondary.emiss_nuc
hist_emiss_nuc
Entries 31966
Mean 0.1328
Std Dev 0.218
Counts
1400
1200
1000
800
600
400
200
0
−1
−0.5
0
0.5
1
1.5
Emiss_nuc

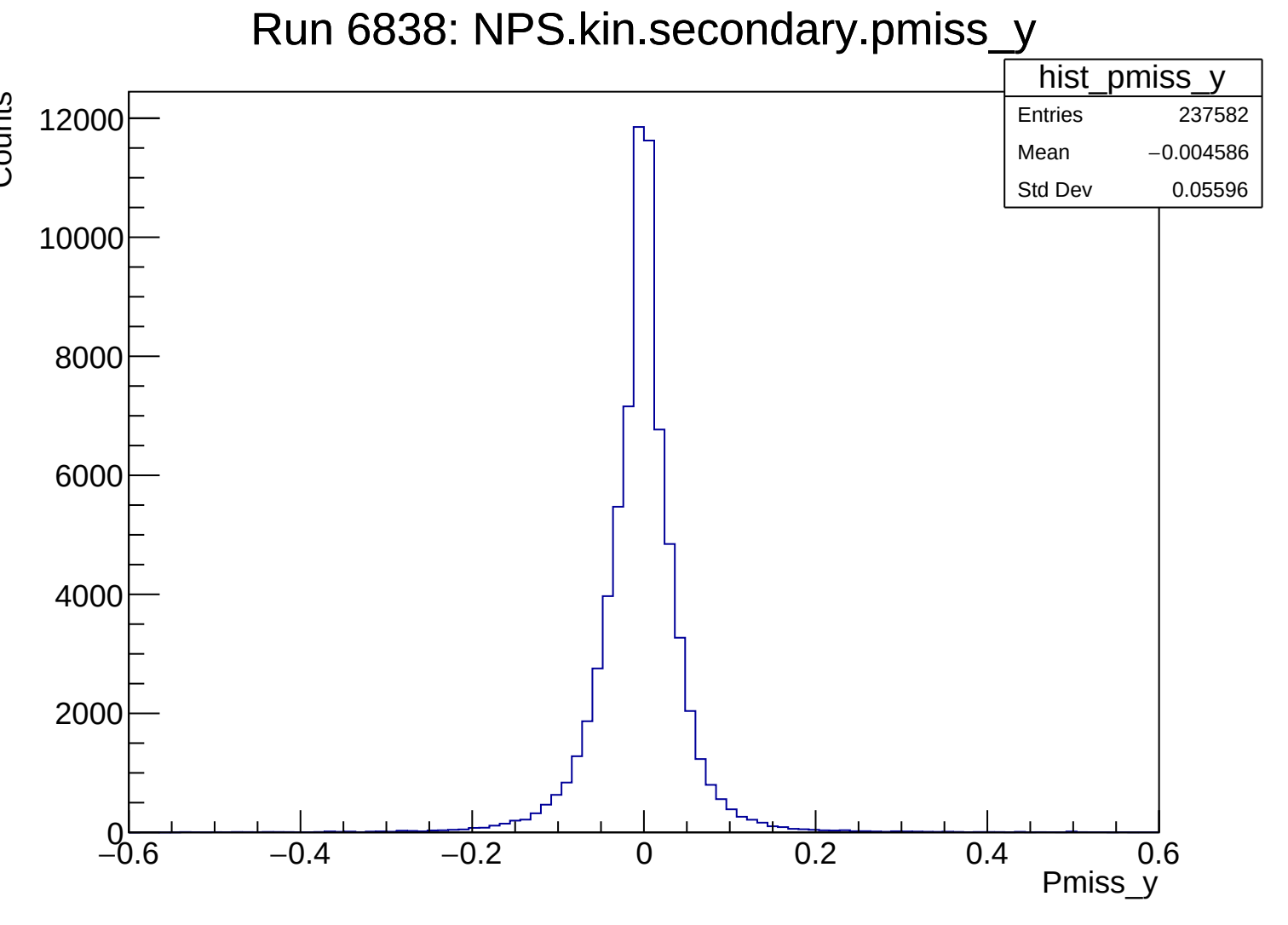

Run 6837: H.gtr.ph
hist_ph
Entries 31966
Mean 0.01039
Std Dev 0.01363
Counts
500
400
300
200
100
0
–0.05
–0.04
–0.03
–0.02
–0.01
0
0.01
0.02
0.03
0.04
0.05
H.gtr.ph

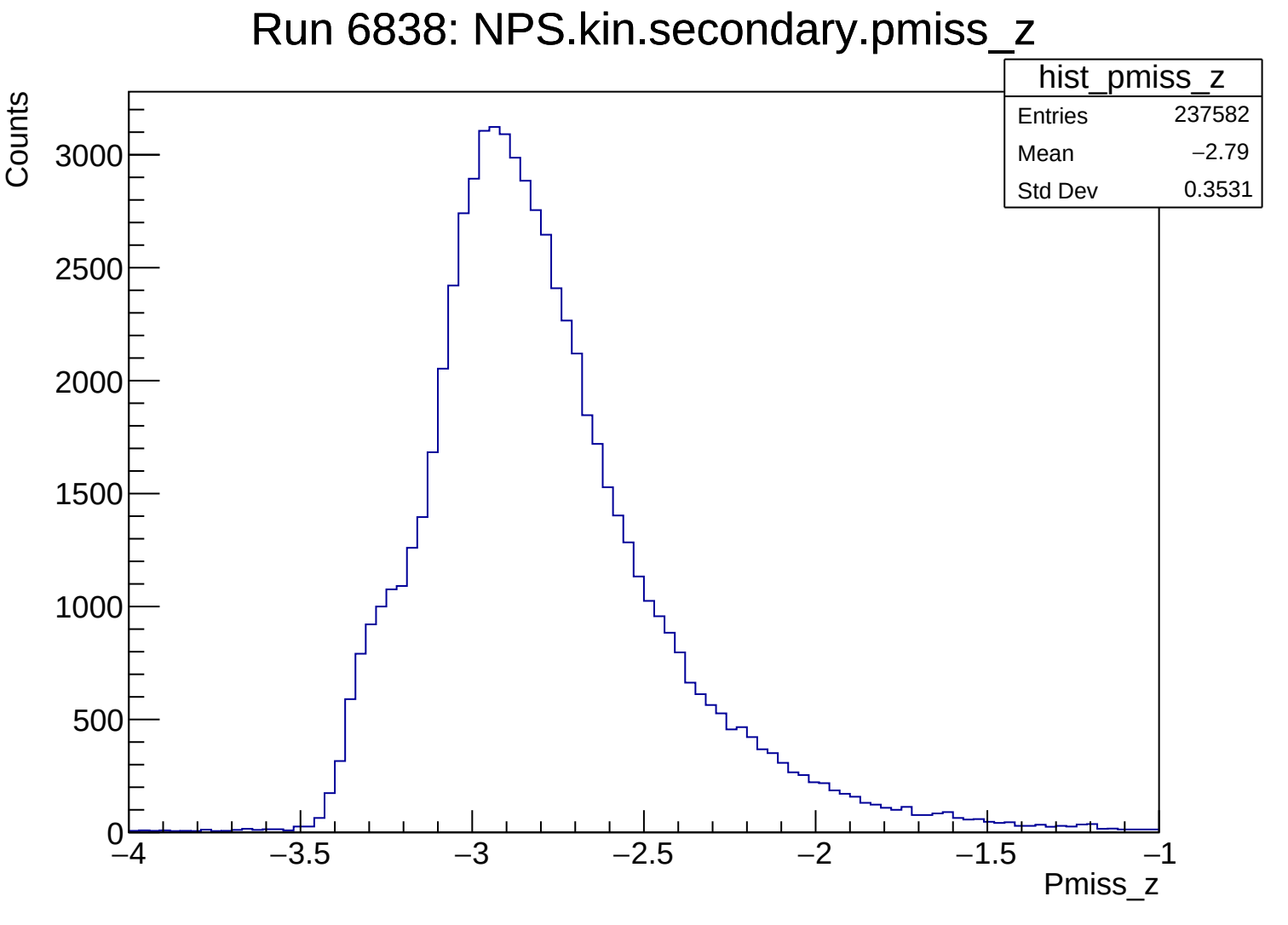

Run 6837: H.gtr.th
hist_th
Entries 31966
Mean −0.01015
Std Dev 0.03759
Counts
250
200
150
100
50
0
−0.1
−0.08
−0.06
−0.04
−0.02
0
0.02
0.04
0.06
0.08
0.1
H.gtr.th

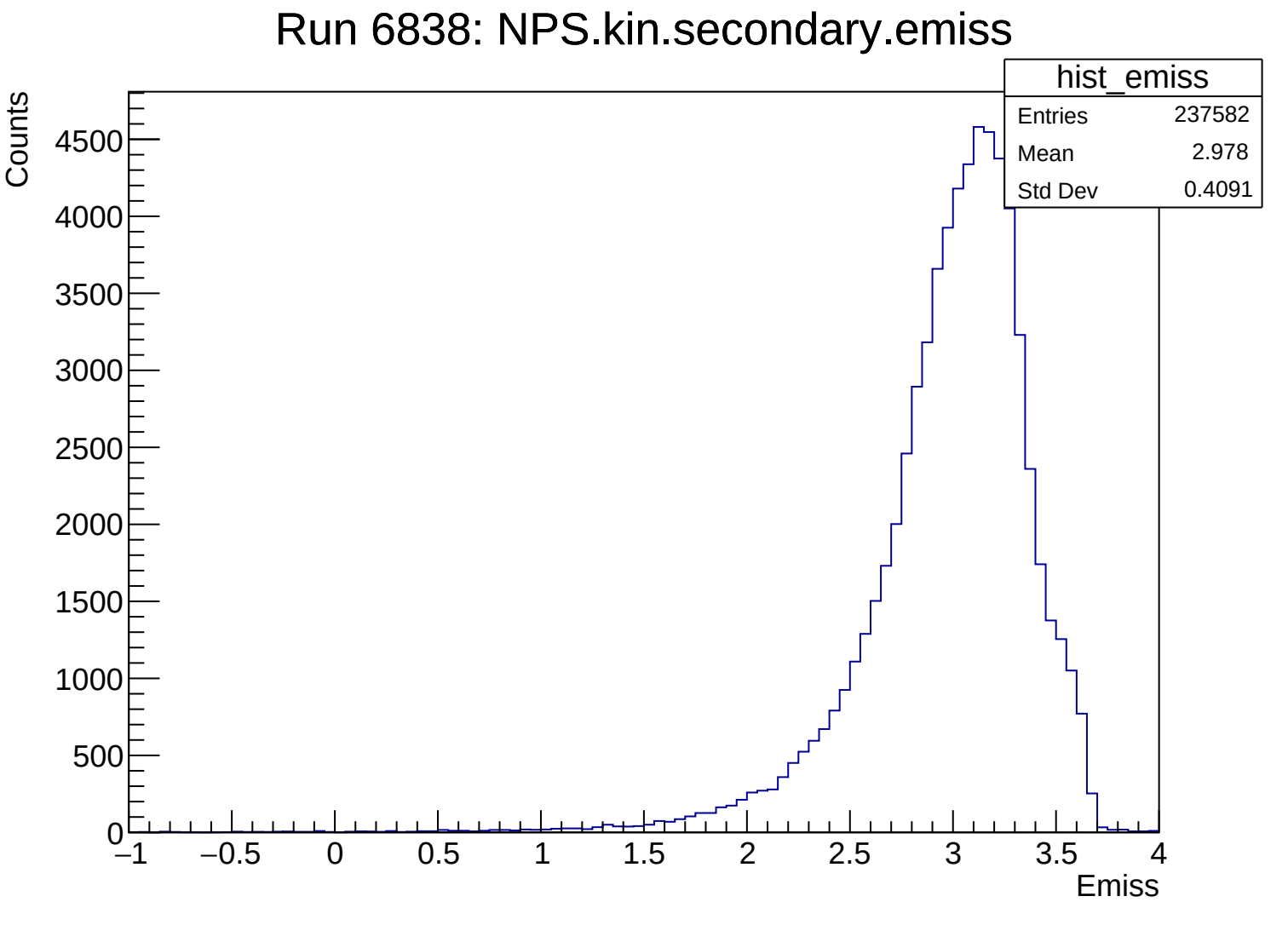

Run 6838: H.kin.W2
hist_w2
Entries 237582
Mean 1.442
Std Dev 0.4688
Counts
7000
6000
5000
4000
3000
2000
1000
0
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
2.4
2.6
W2

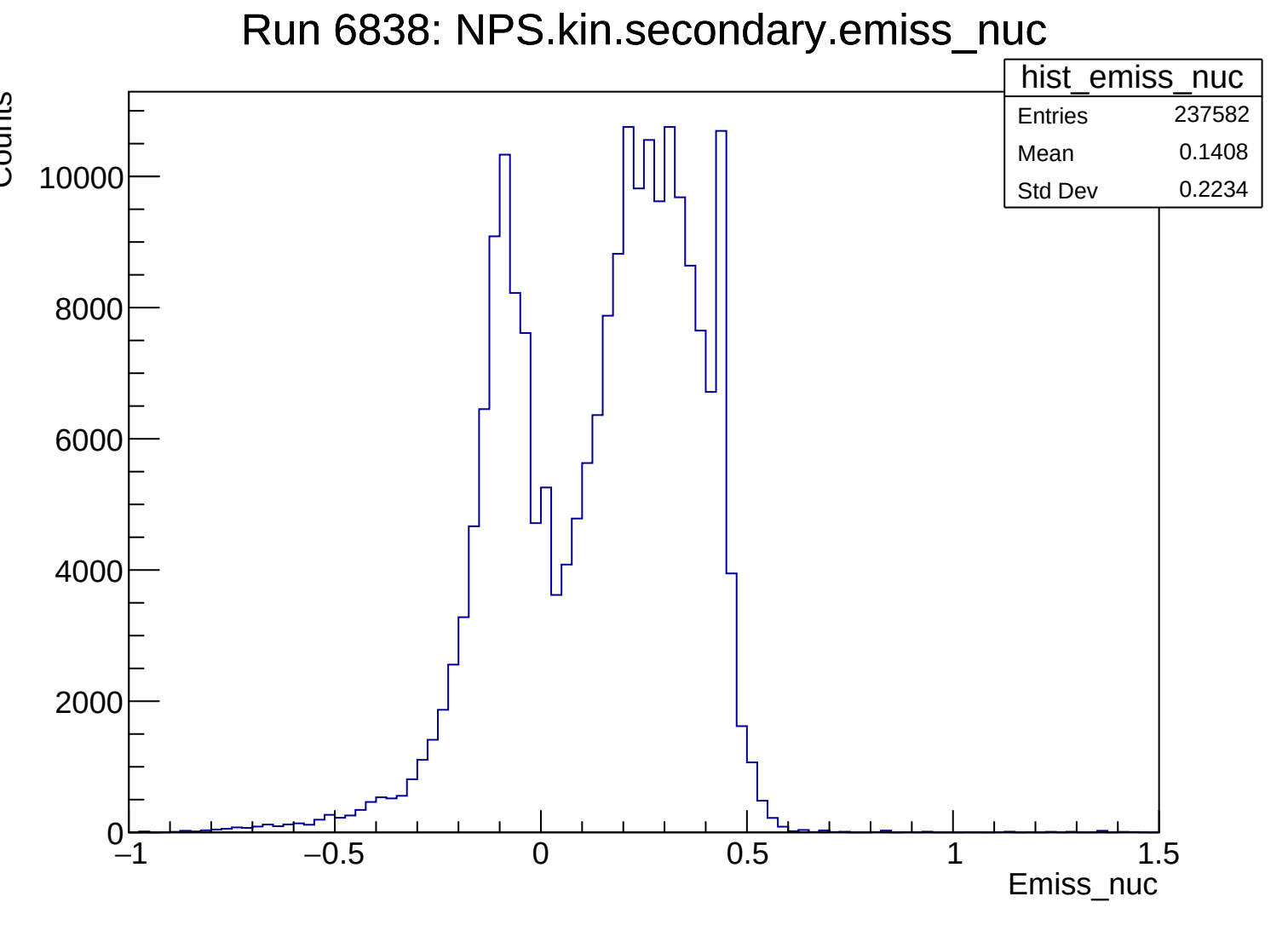

Run 6838: H.kin.x_bj
hist_x_bj
Entries 237582
Mean 0.8906
Std Dev 0.09451
Counts
8000
7000
6000
5000
4000
3000
2000
1000
0
0.6
0.7
0.8
0.9
1
1.1
1.2
x_bj

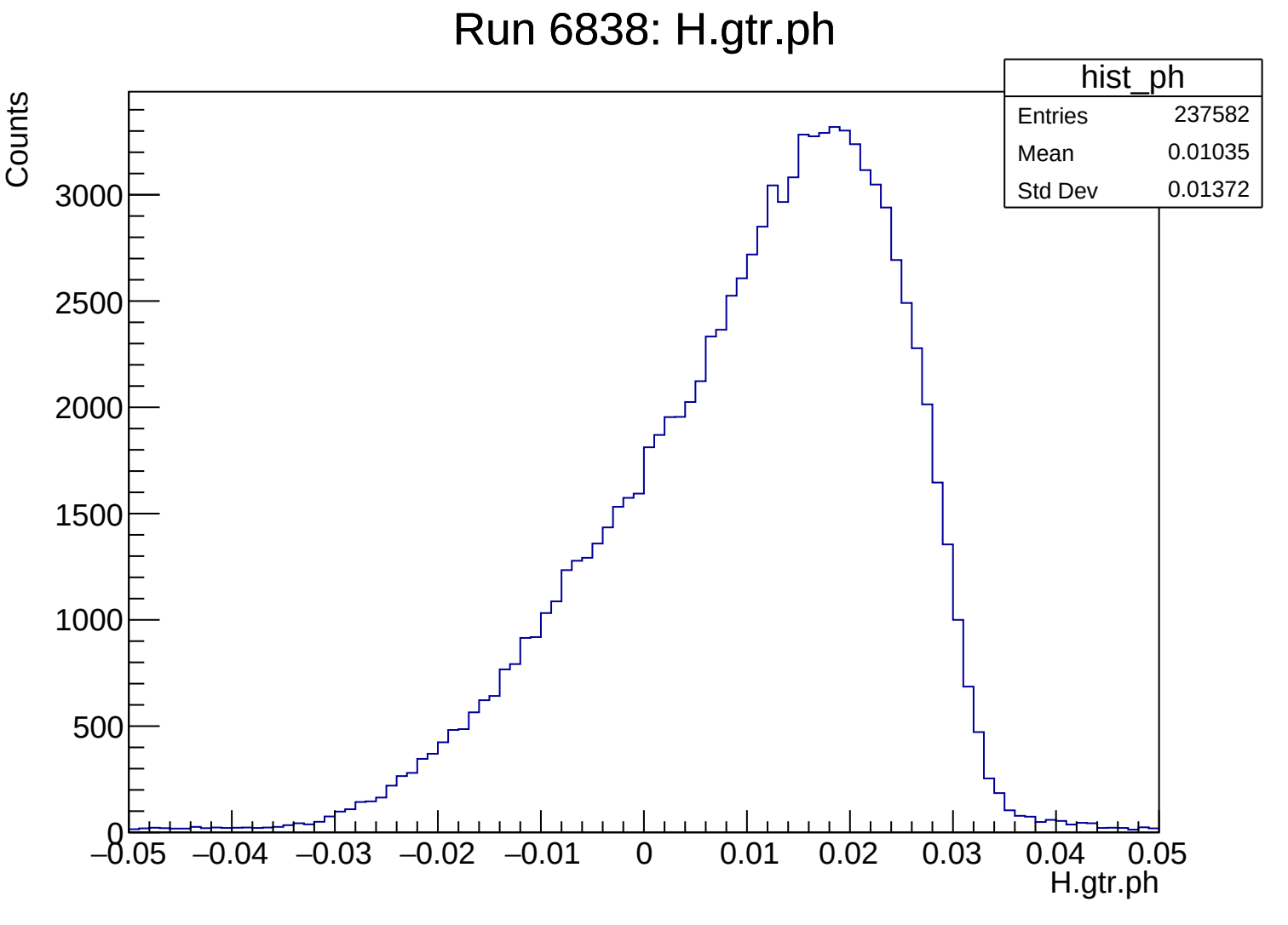

Run 6838: NPS.kin.secondary.pmiss_x
hist_pmiss_x
Entries 237582
Mean 0.06462
Std Dev 0.06876
Counts
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_x

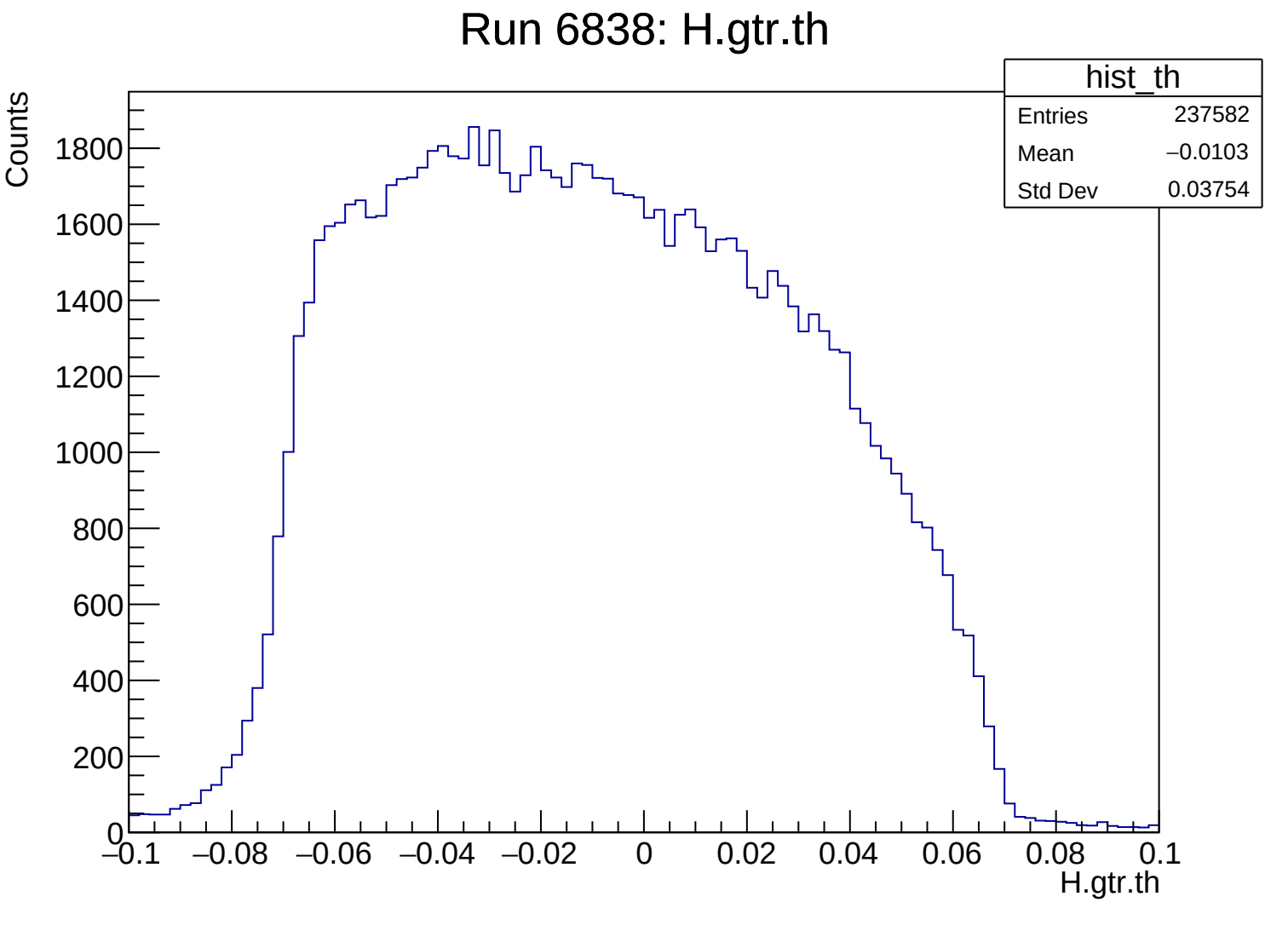

Run 6838: NPS.kin.secondary.pmiss_y
hist_pmiss_y
Entries 237582
Mean −0.004586
Std Dev 0.05596
Counts
12000
10000
8000
6000
4000
2000
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_y

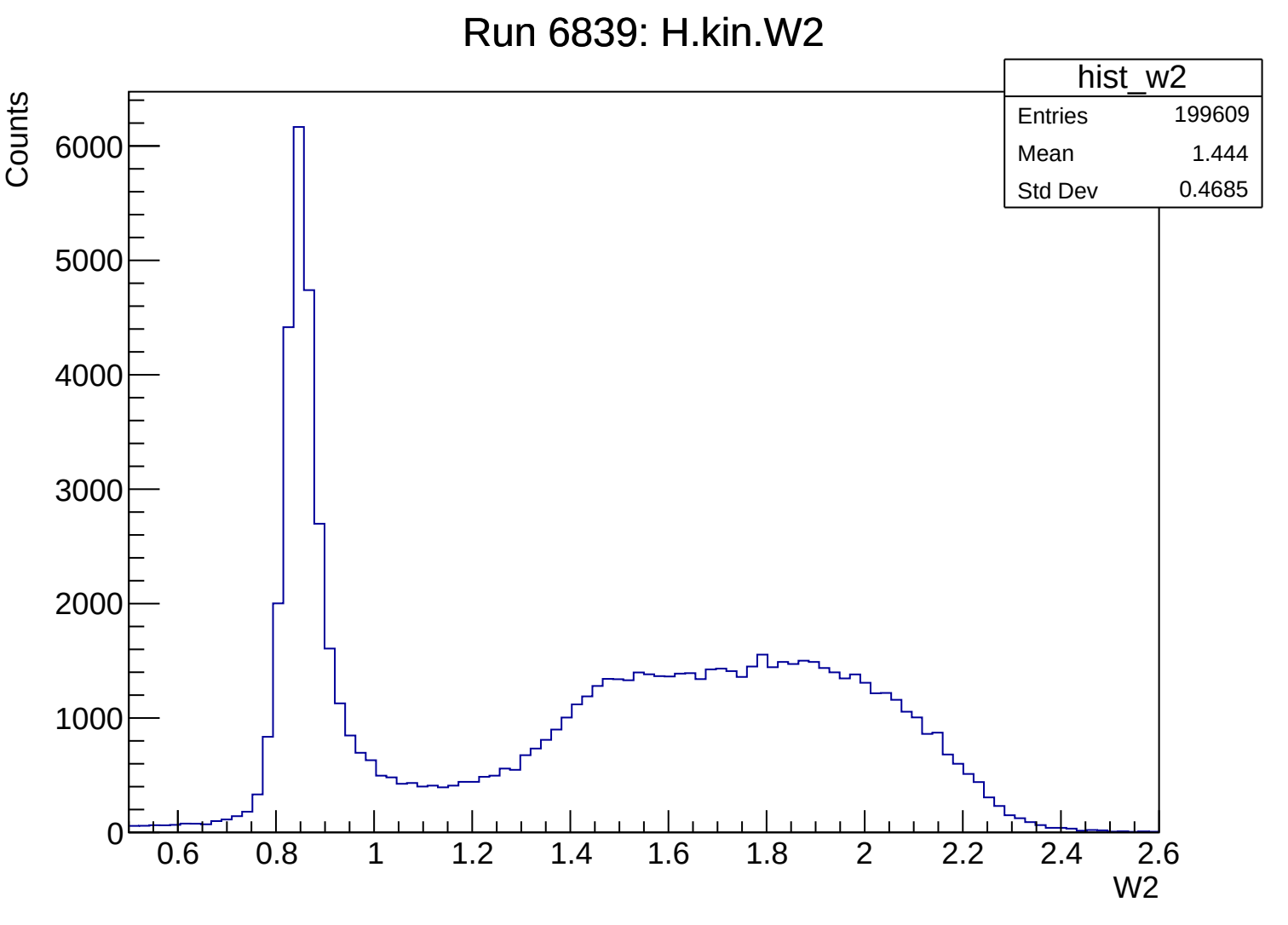

Run 6838: NPS.kin.secondary.pmiss_z
hist_pmiss_z
Entries 237582
Mean −2.79
Std Dev 0.3531
Counts
3000
2500
2000
1500
1000
500
0
−4
−3.5
−3
−2.5
−2
−1.5
−1
Pmiss_z

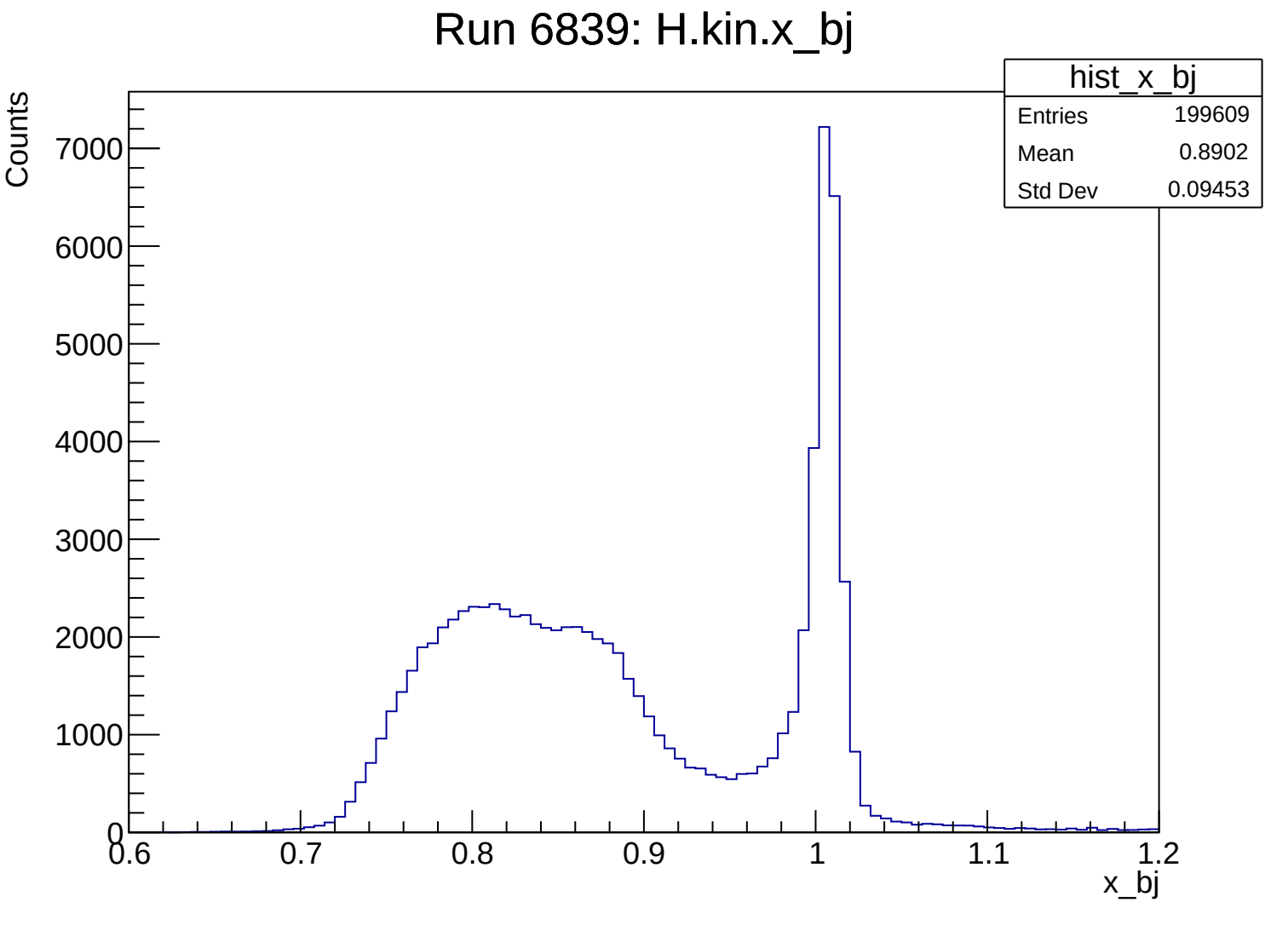

Run 6838: NPS.kin.secondary.emiss
hist_emiss
Entries 237582
Mean 2.978
Std Dev 0.4091
Counts
4500
4000
3500
3000
2500
2000
1500
1000
500
0
−1
−0.5
0
0.5
1
1.5
2
2.5
3
3.5
4
Emiss

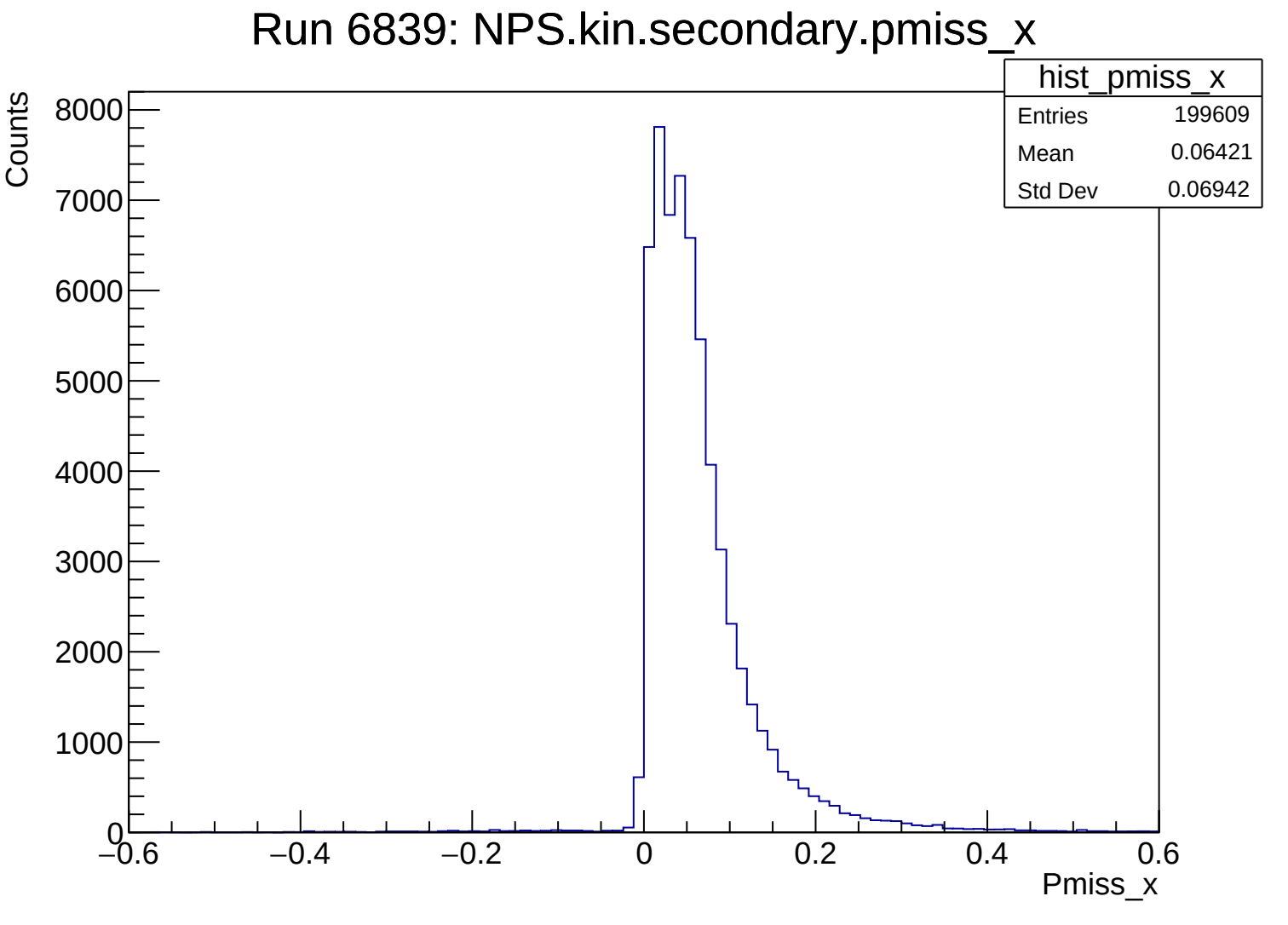

Run 6838: NPS.kin.secondary.emiss_nuc
hist_emiss_nuc
Entries 237582
Mean 0.1408
Std Dev 0.2234
Counts
10000
8000
6000
4000
2000
0
−1
−0.5
0
0.5
1
1.5
Emiss_nuc

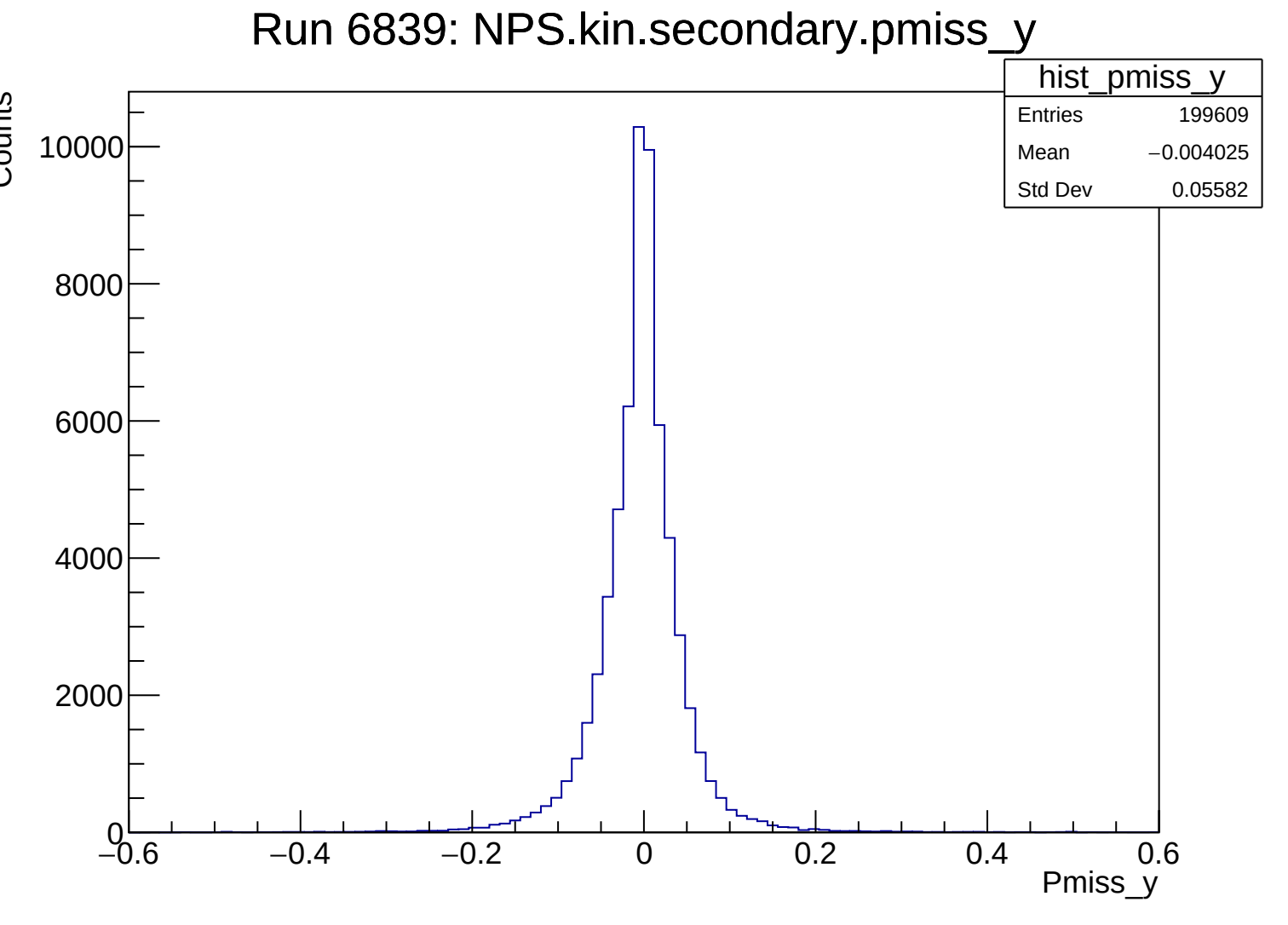

Run 6838: H.gtr.ph
hist_ph
Entries 237582
Mean 0.01035
Std Dev 0.01372
Counts
3000
2500
2000
1500
1000
500
0
–0.05
–0.04
–0.03
–0.02
–0.01
0
0.01
0.02
0.03
0.04
0.05
H.gtr.ph

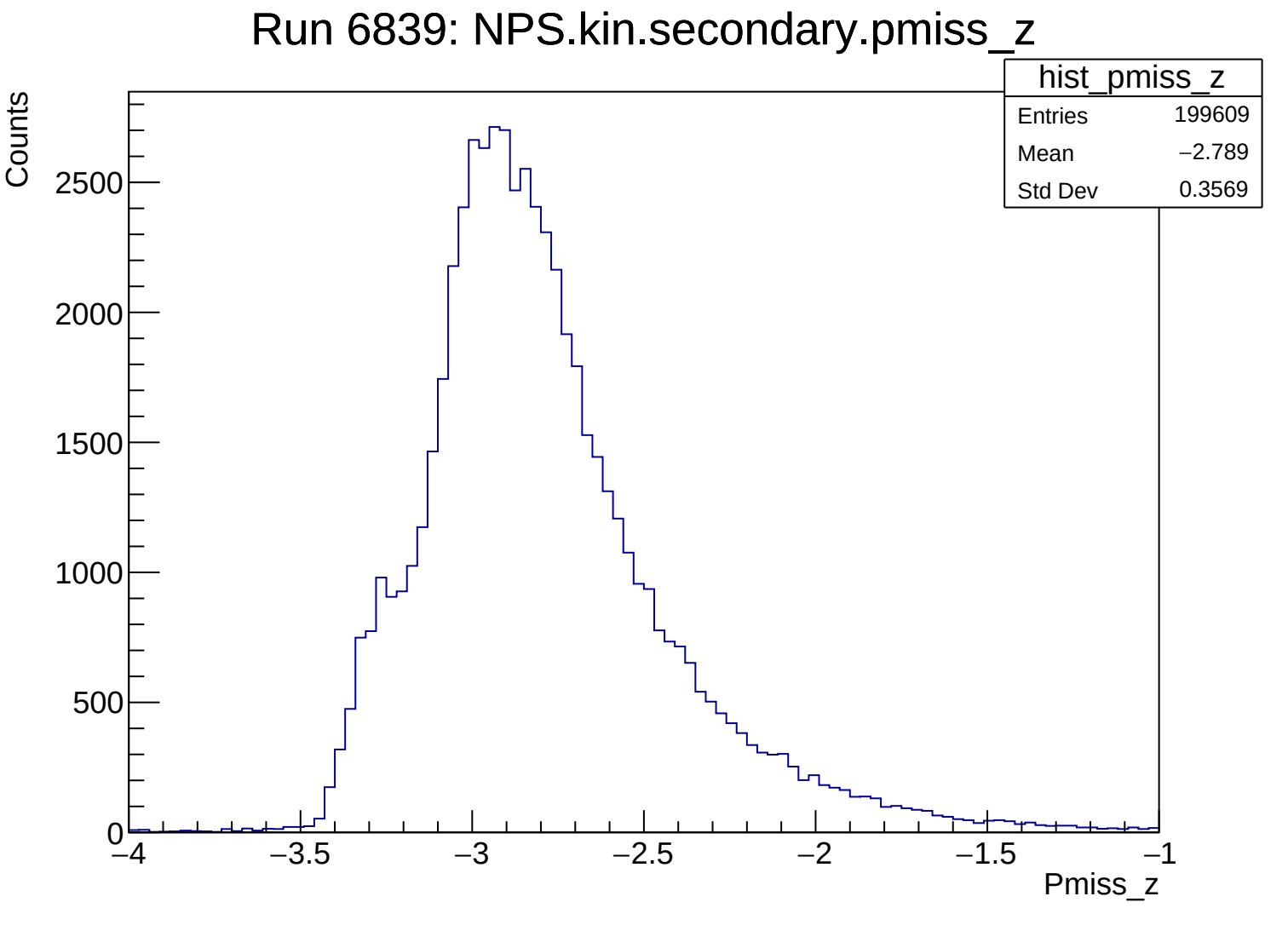

Run 6838: H.gtr.th
hist_th
Entries 237582
Mean −0.0103
Std Dev 0.03754
Counts
1800
1600
1400
1200
1000
800
600
400
200
0
−0.1
−0.08
−0.06
−0.04
−0.02
0
0.02
0.04
0.06
0.08
0.1
H.gtr.th

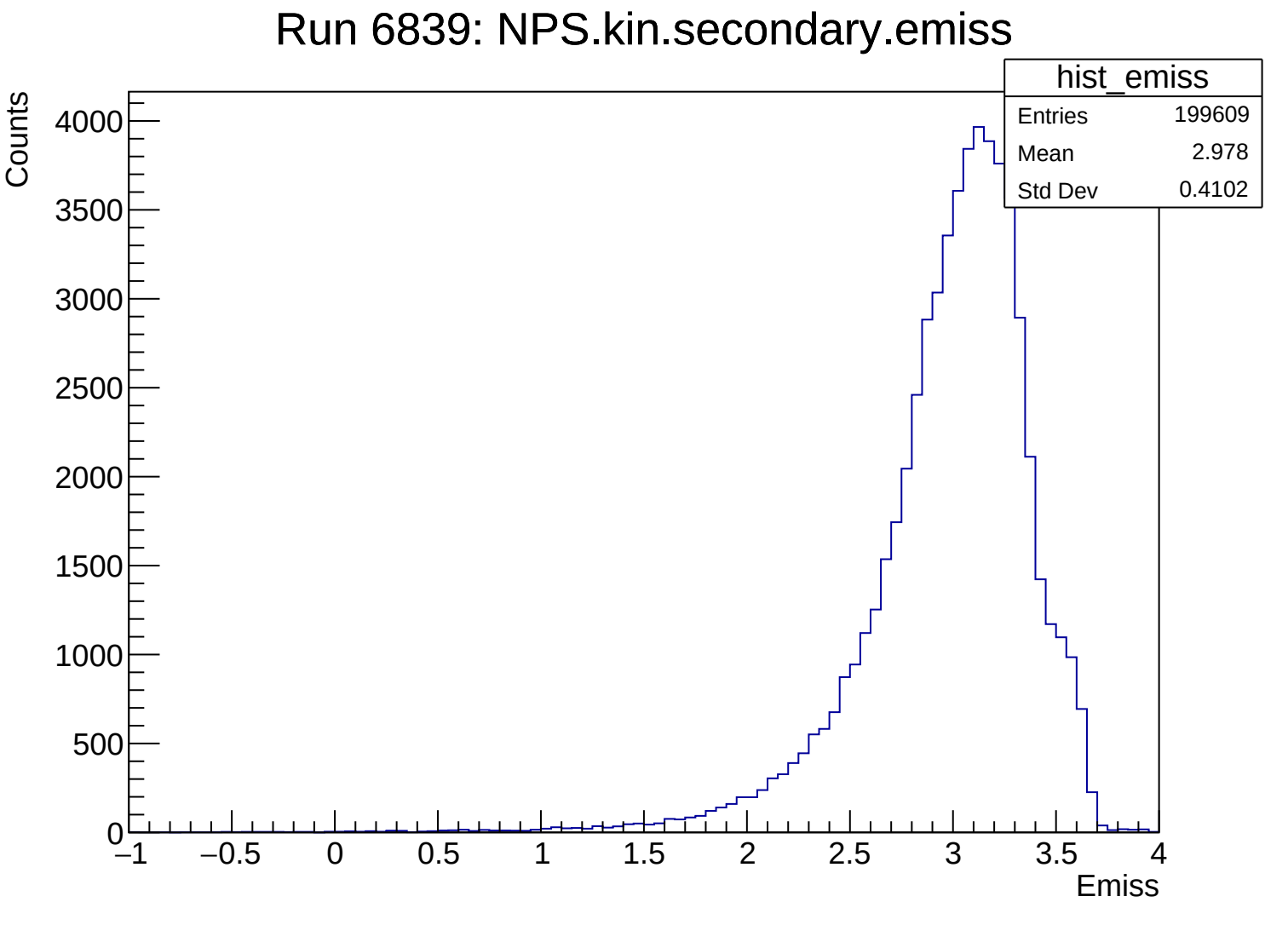

Run 6839: H.kin.W2
hist_w2
Entries 199609
Mean 1.444
Std Dev 0.4685
Counts
6000
5000
4000
3000
2000
1000
0
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
2.4
2.6
W2

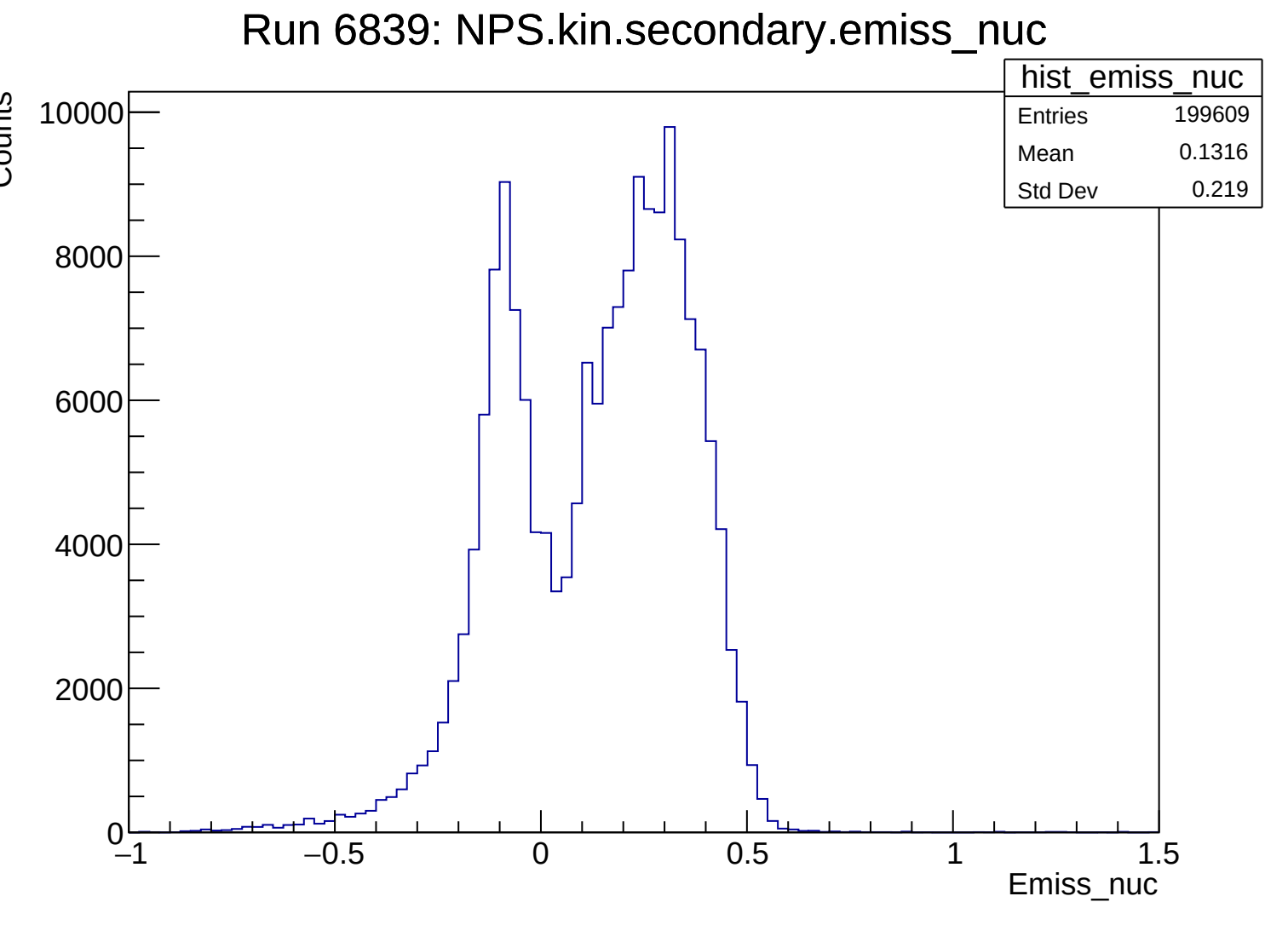

Run 6839: H.kin.x_bj
hist_x_bj
Entries 199609
Mean 0.8902
Std Dev 0.09453
Counts
7000
6000
5000
4000
3000
2000
1000
0
0.6
0.7
0.8
0.9
1
1.1
1.2
x_bj

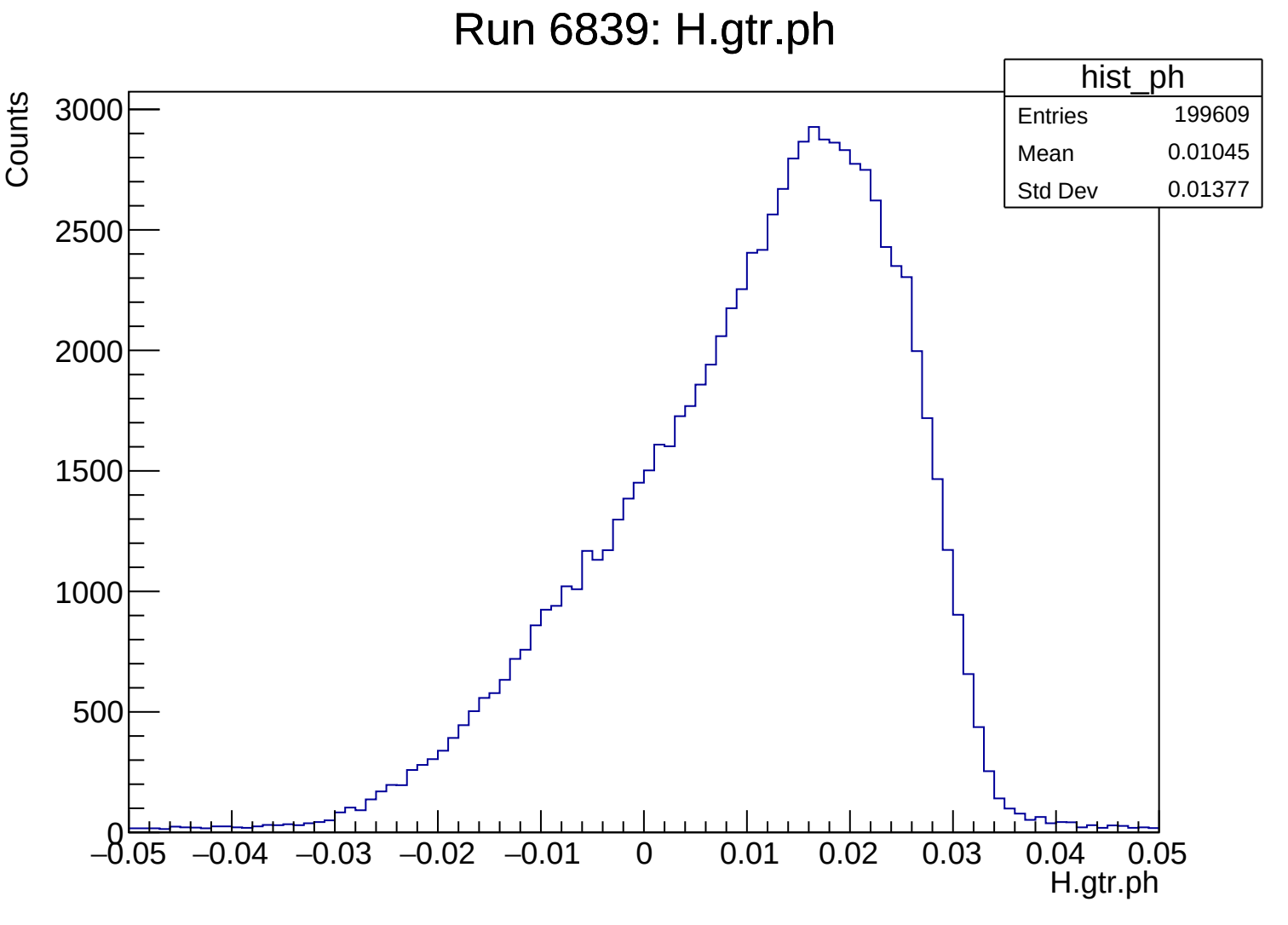

Run 6839: NPS.kin.secondary.pmiss_x
hist_pmiss_x
Entries 199609
Mean 0.06421
Std Dev 0.06942
Counts
8000
7000
6000
5000
4000
3000
2000
1000
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_x

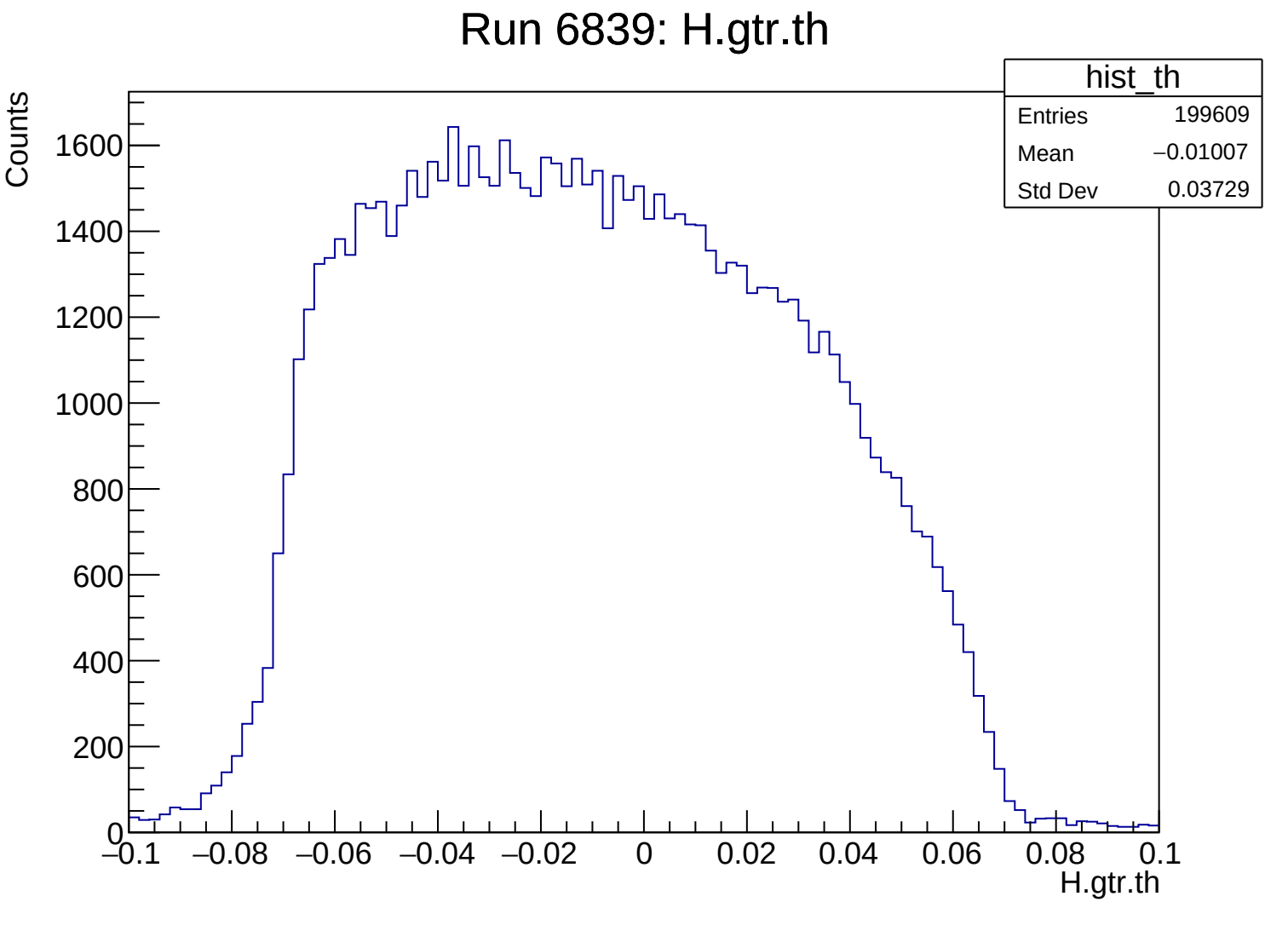

Run 6839: NPS.kin.secondary.pmiss_y
hist_pmiss_y
Entries 199609
Mean −0.004025
Std Dev 0.05582
Counts
10000
8000
6000
4000
2000
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_y

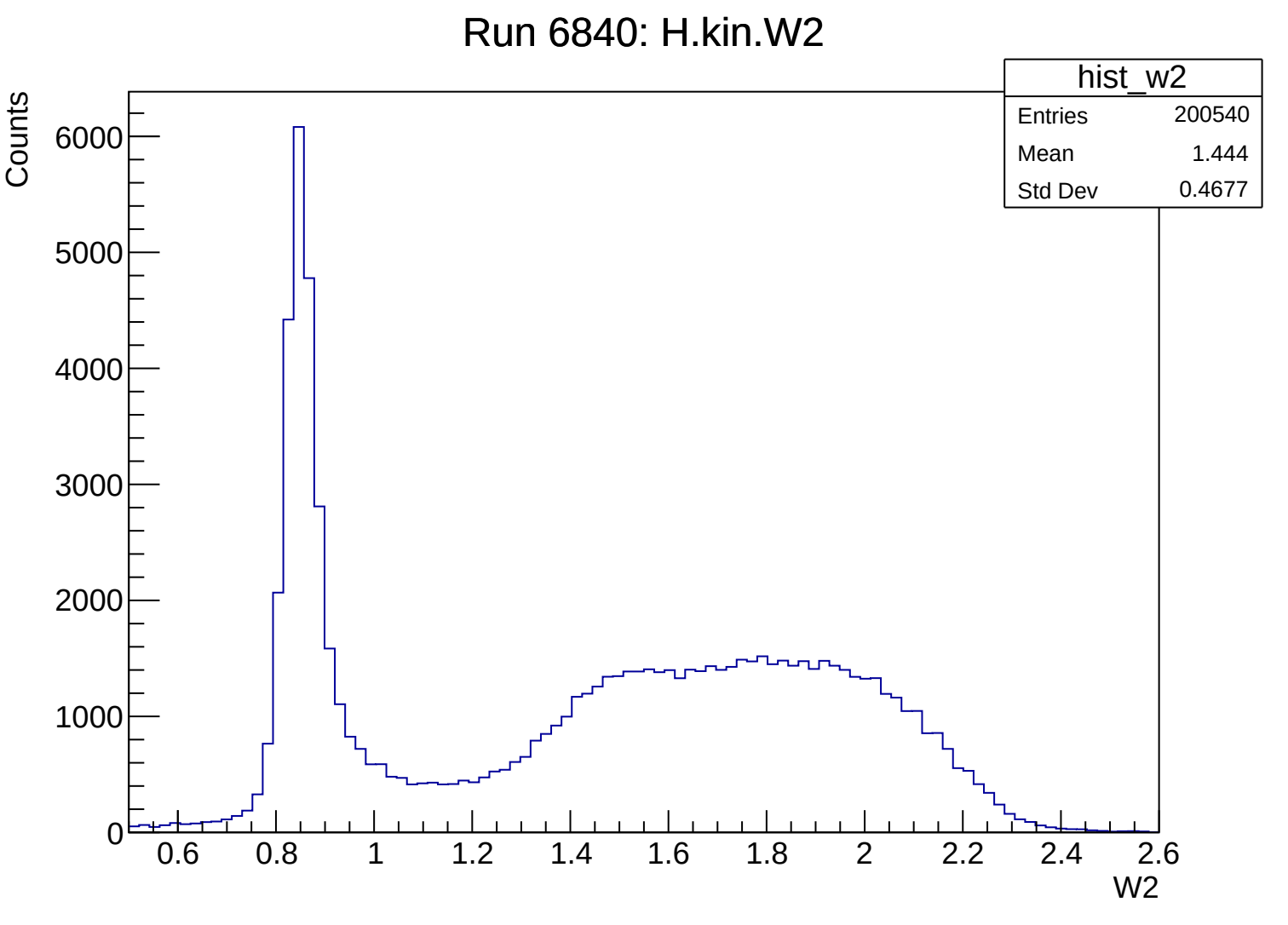

Run 6839: NPS.kin.secondary.pmiss_z
hist_pmiss_z
Entries 199609
Mean −2.789
Std Dev 0.3569
Counts
2500
2000
1500
1000
500
0
−4
−3.5
−3
−2.5
−2
−1.5
−1
Pmiss_z

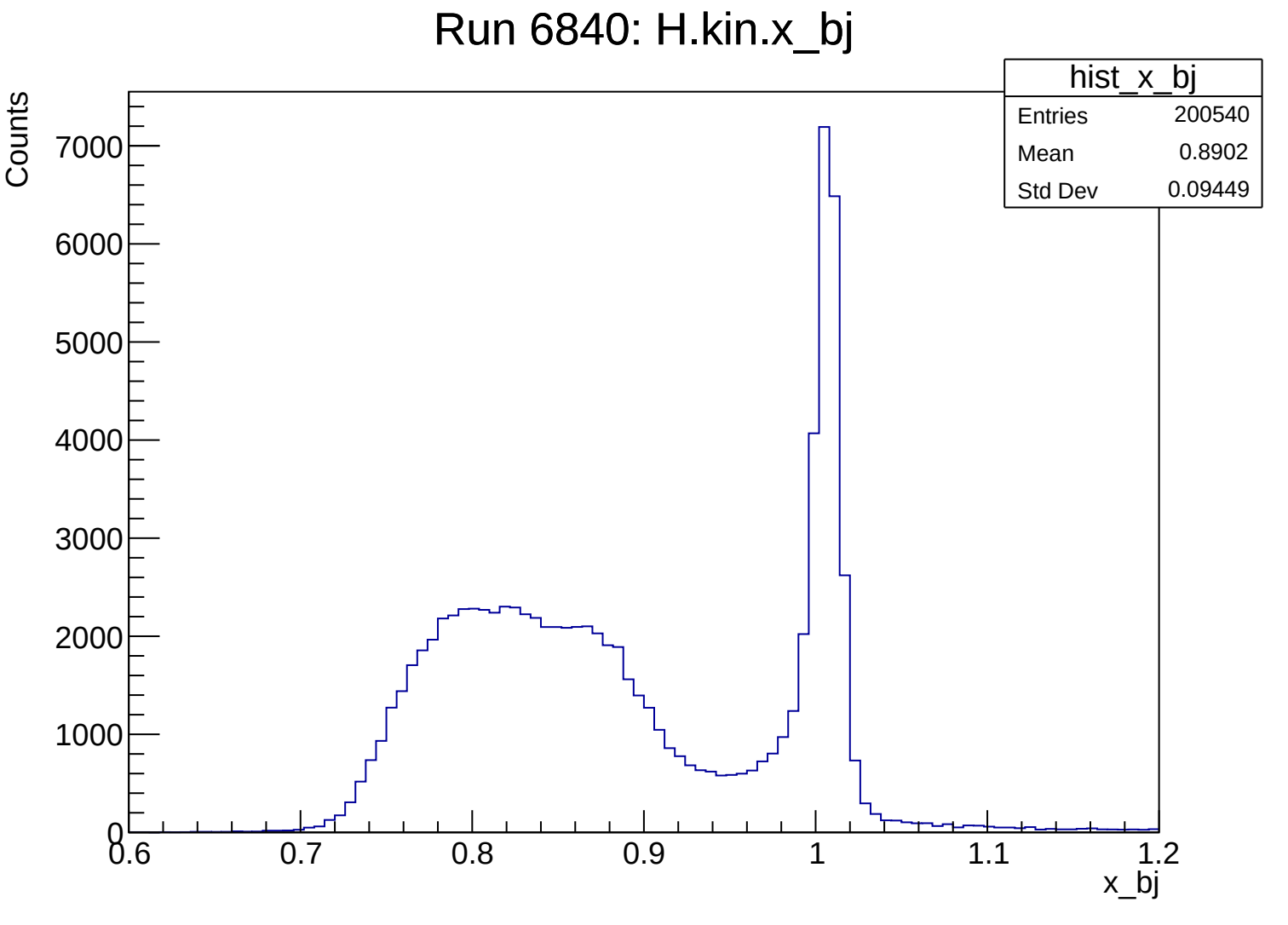

Run 6839: NPS.kin.secondary.emiss
hist_emiss
Entries 199609
Mean 2.978
Std Dev 0.4102
Counts
4000
3500
3000
2500
2000
1500
1000
500
0
−1
−0.5
0
0.5
1
1.5
2
2.5
3
3.5
4
Emiss

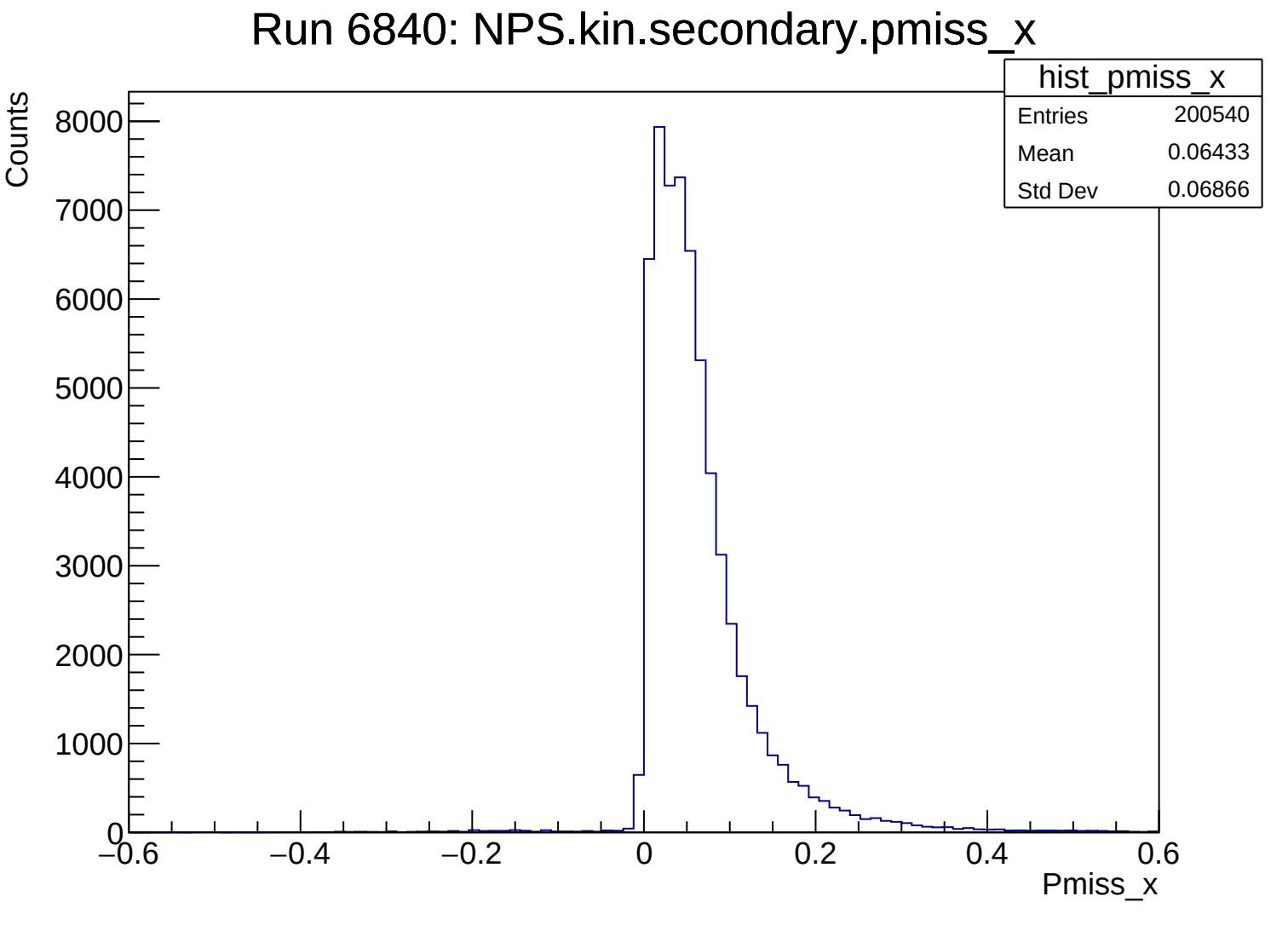

Run 6839: NPS.kin.secondary.emiss_nuc
hist_emiss_nuc
Entries 199609
Mean 0.1316
Std Dev 0.219
Counts
10000
8000
6000
4000
2000
0
−1
−0.5
0
0.5
1
1.5
Emiss_nuc

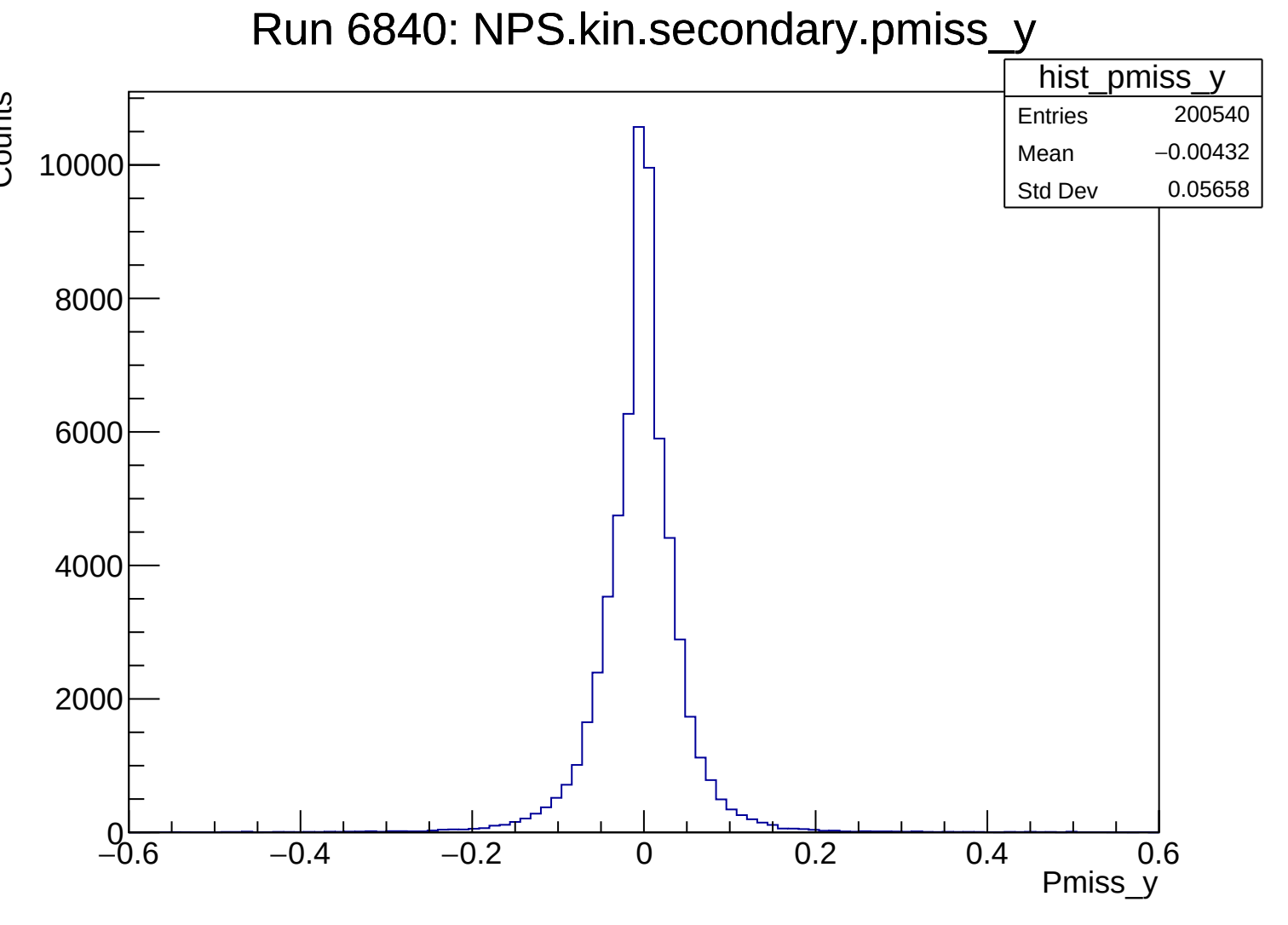

Run 6839: H.gtr.ph
hist_ph
Entries 199609
Mean 0.01045
Std Dev 0.01377
Counts
3000
2500
2000
1500
1000
500
0
–0.05
–0.04
–0.03
–0.02
–0.01
0
0.01
0.02
0.03
0.04
0.05
H.gtr.ph

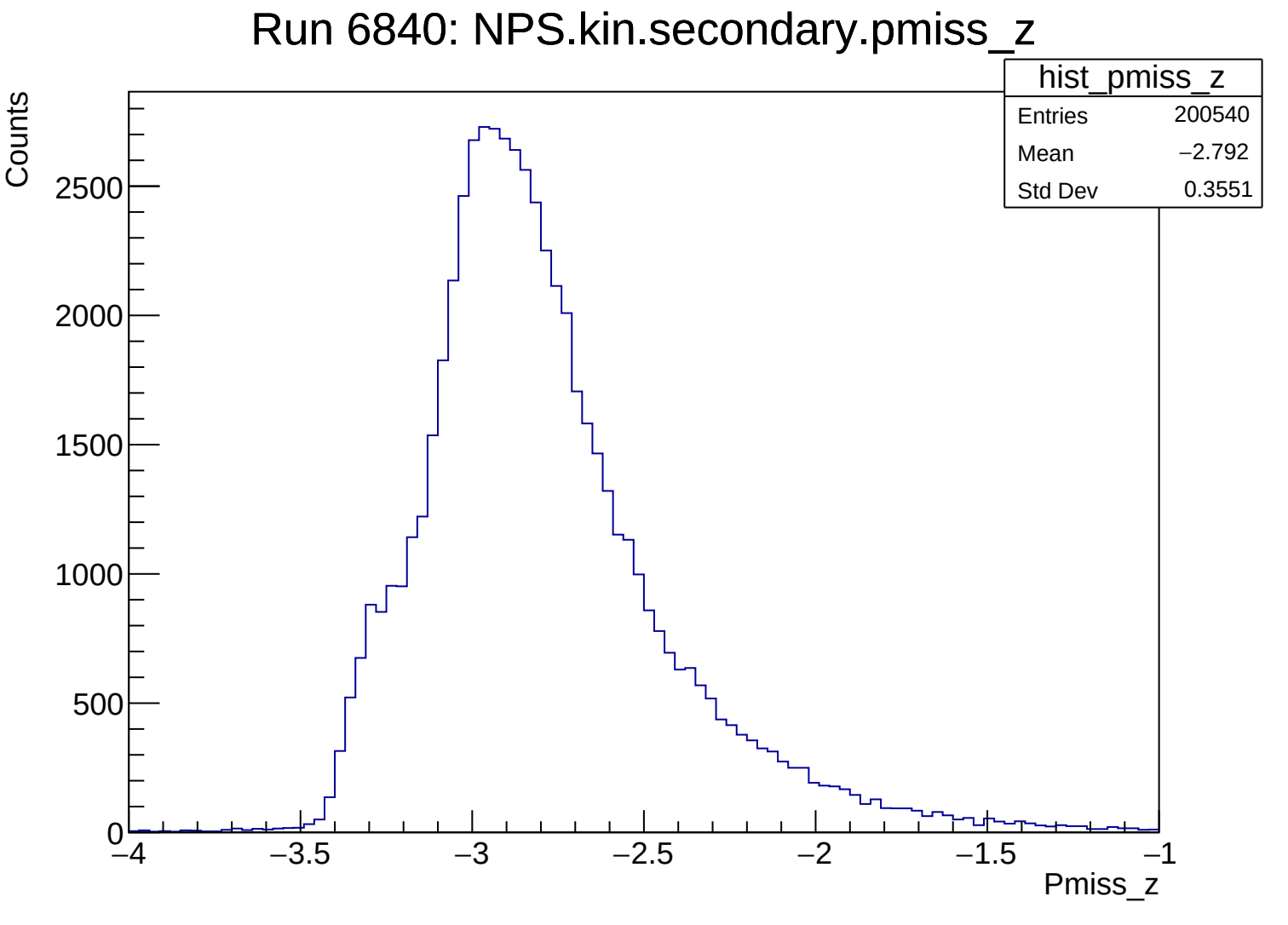

Run 6839: H.gtr.th
hist_th
Entries 199609
Mean −0.01007
Std Dev 0.03729
Counts
1600
1400
1200
1000
800
600
400
200
0
−0.1
−0.08
−0.06
−0.04
−0.02
0
0.02
0.04
0.06
0.08
0.1
H.gtr.th

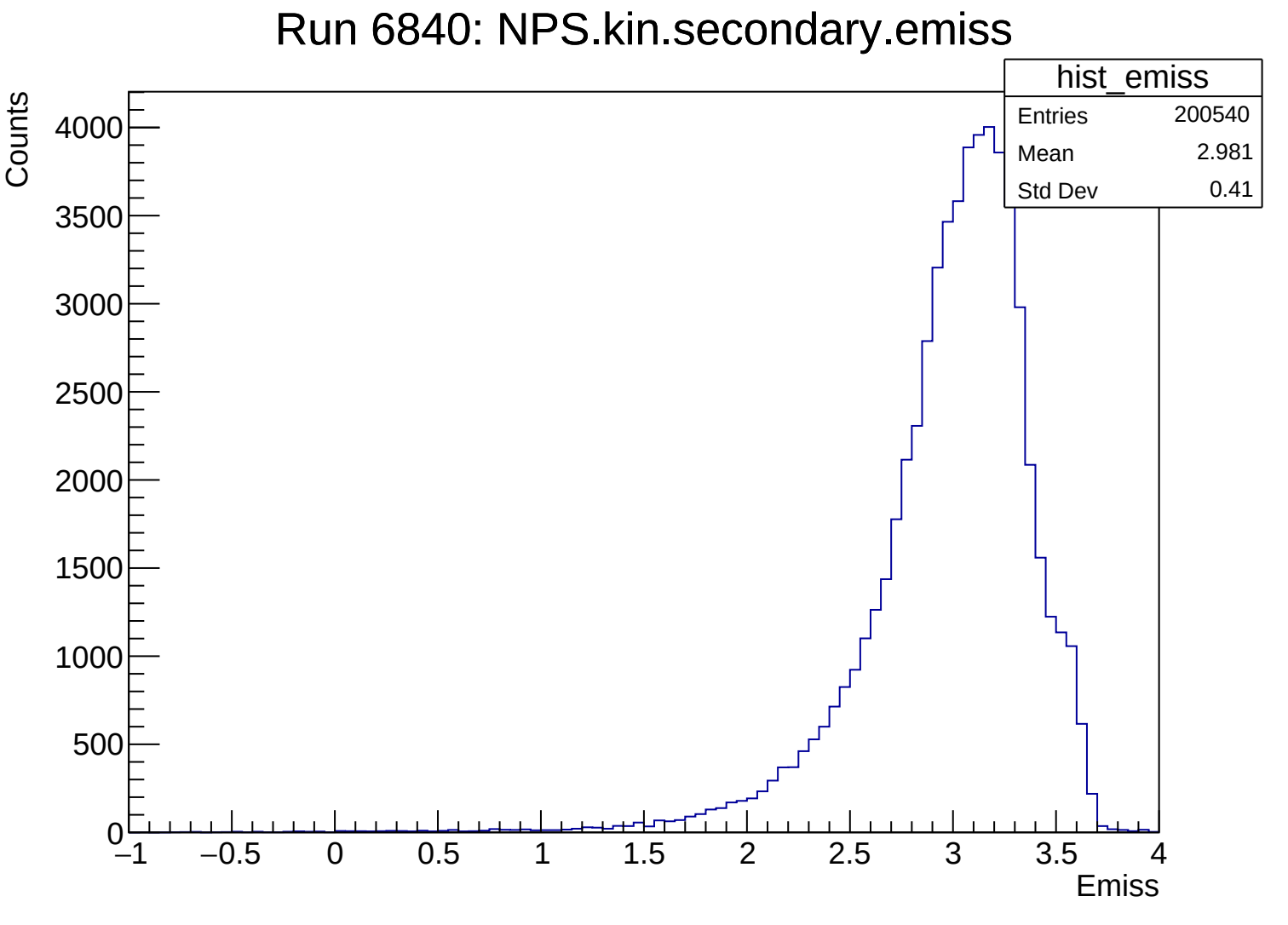

Run 6840: H.kin.W2
hist_w2
Entries 200540
Mean 1.444
Std Dev 0.4677
Counts
6000
5000
4000
3000
2000
1000
0
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
2.4
2.6
W2

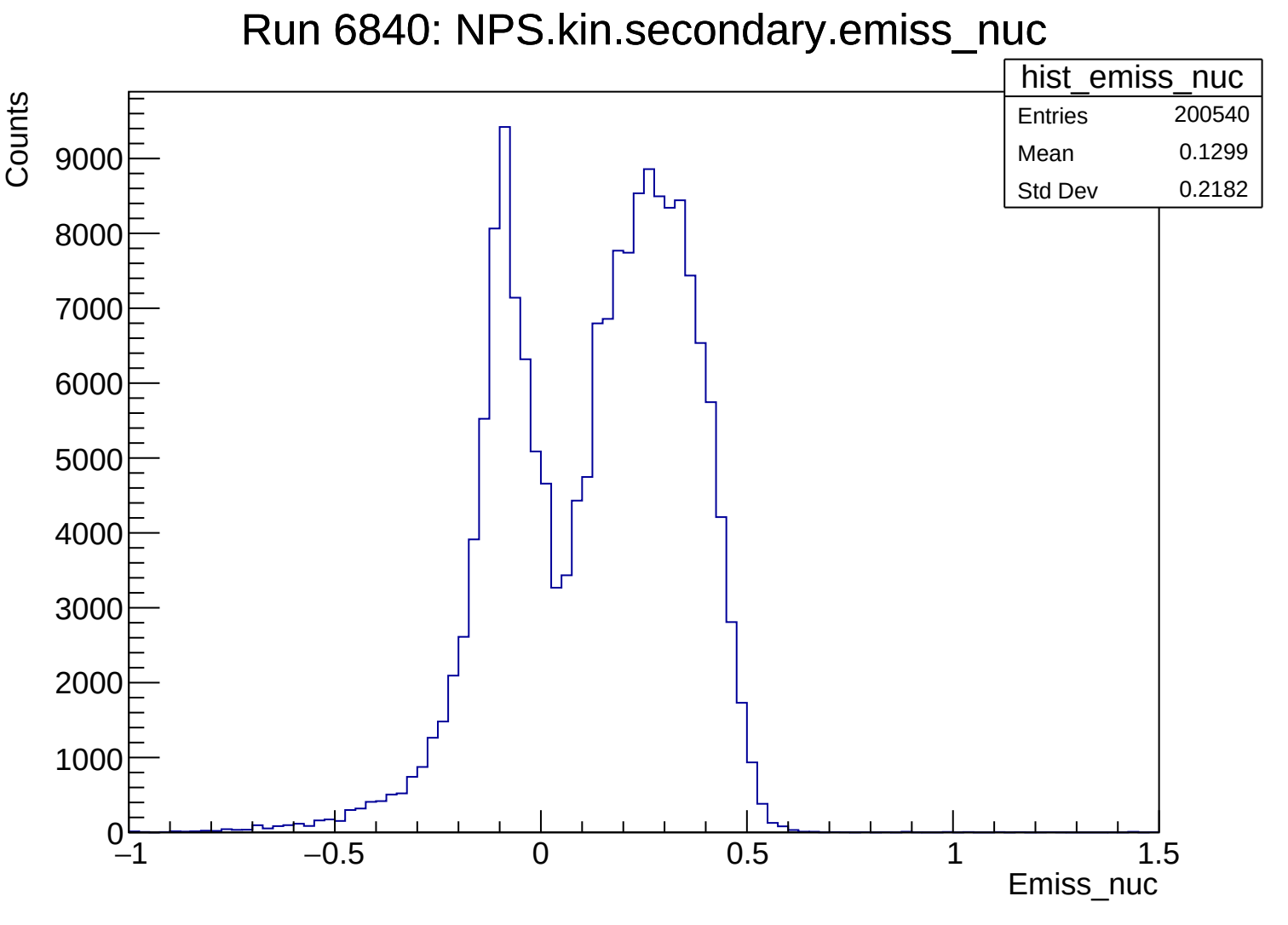

Run 6840: H.kin.x_bj
hist_x_bj
Entries 200540
Mean 0.8902
Std Dev 0.09449
Counts
7000
6000
5000
4000
3000
2000
1000
0
0.6
0.7
0.8
0.9
1
1.1
1.2
x_bj

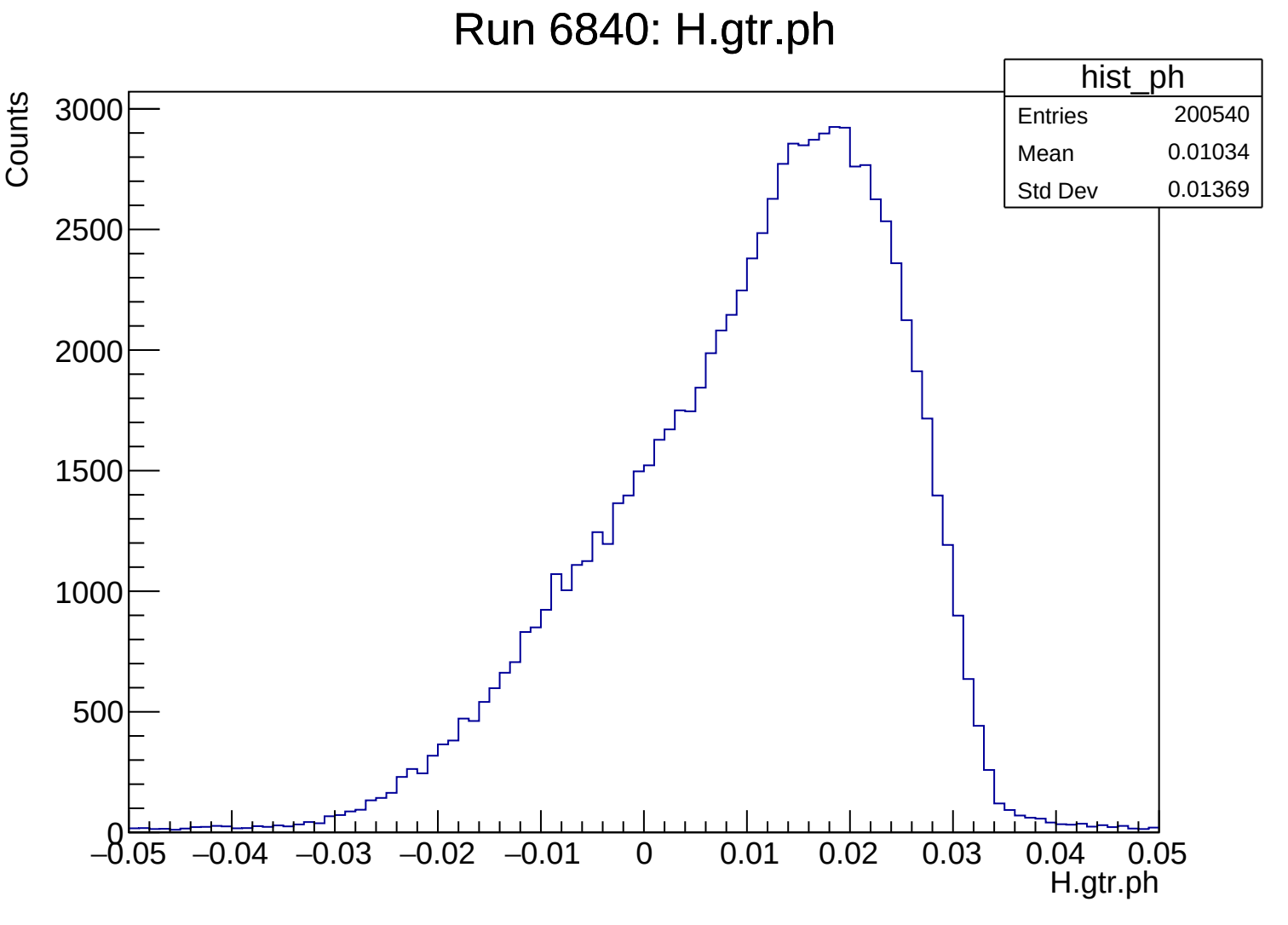

Run 6840: NPS.kin.secondary.pmiss_x
hist_pmiss_x
Entries 200540
Mean 0.06433
Std Dev 0.06866
Counts
8000
7000
6000
5000
4000
3000
2000
1000
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_x

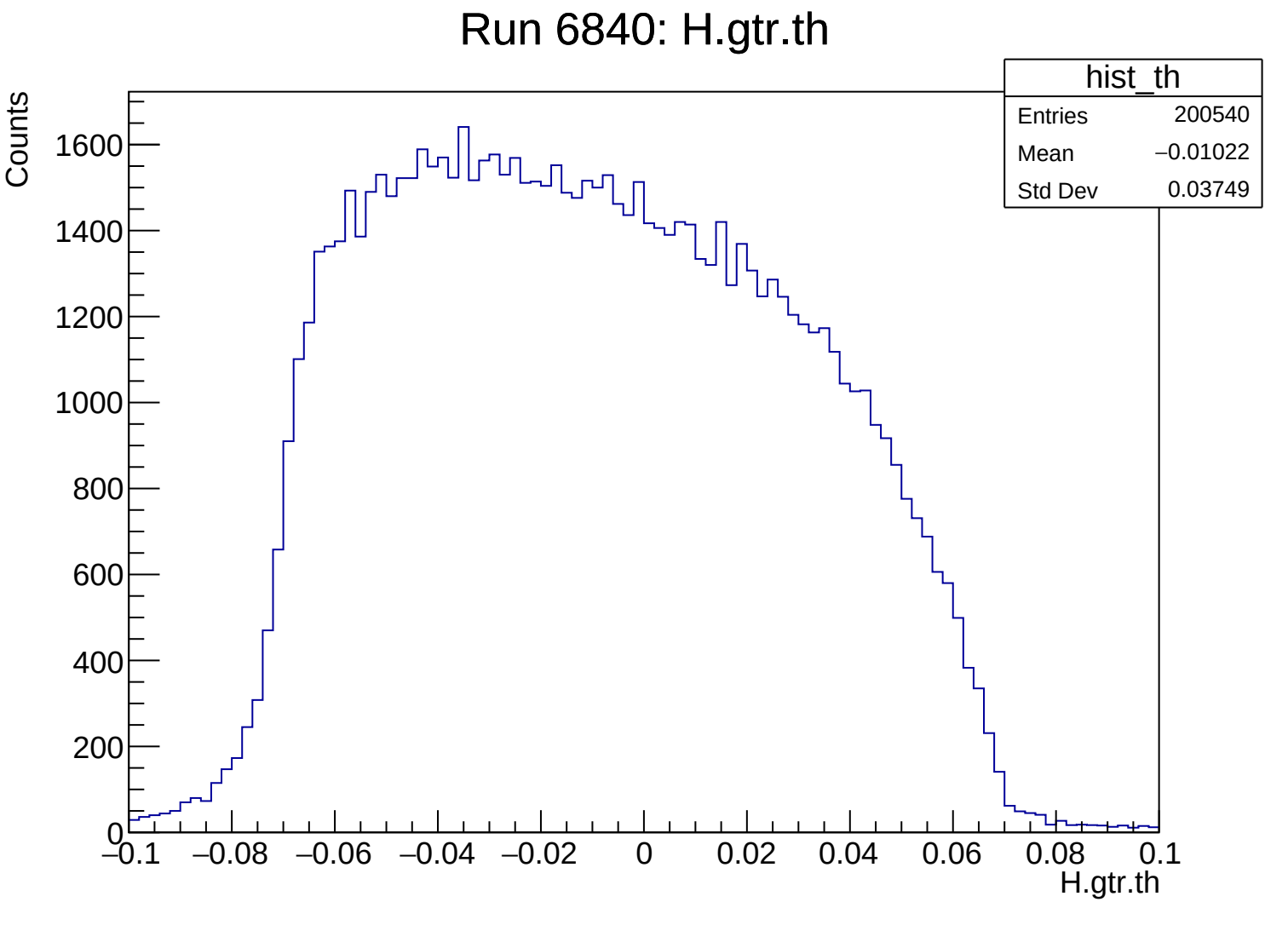

Run 6840: NPS.kin.secondary.pmiss_y
hist_pmiss_y
Entries 200540
Mean −0.00432
Std Dev 0.05658
Counts
10000
8000
6000
4000
2000
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_y

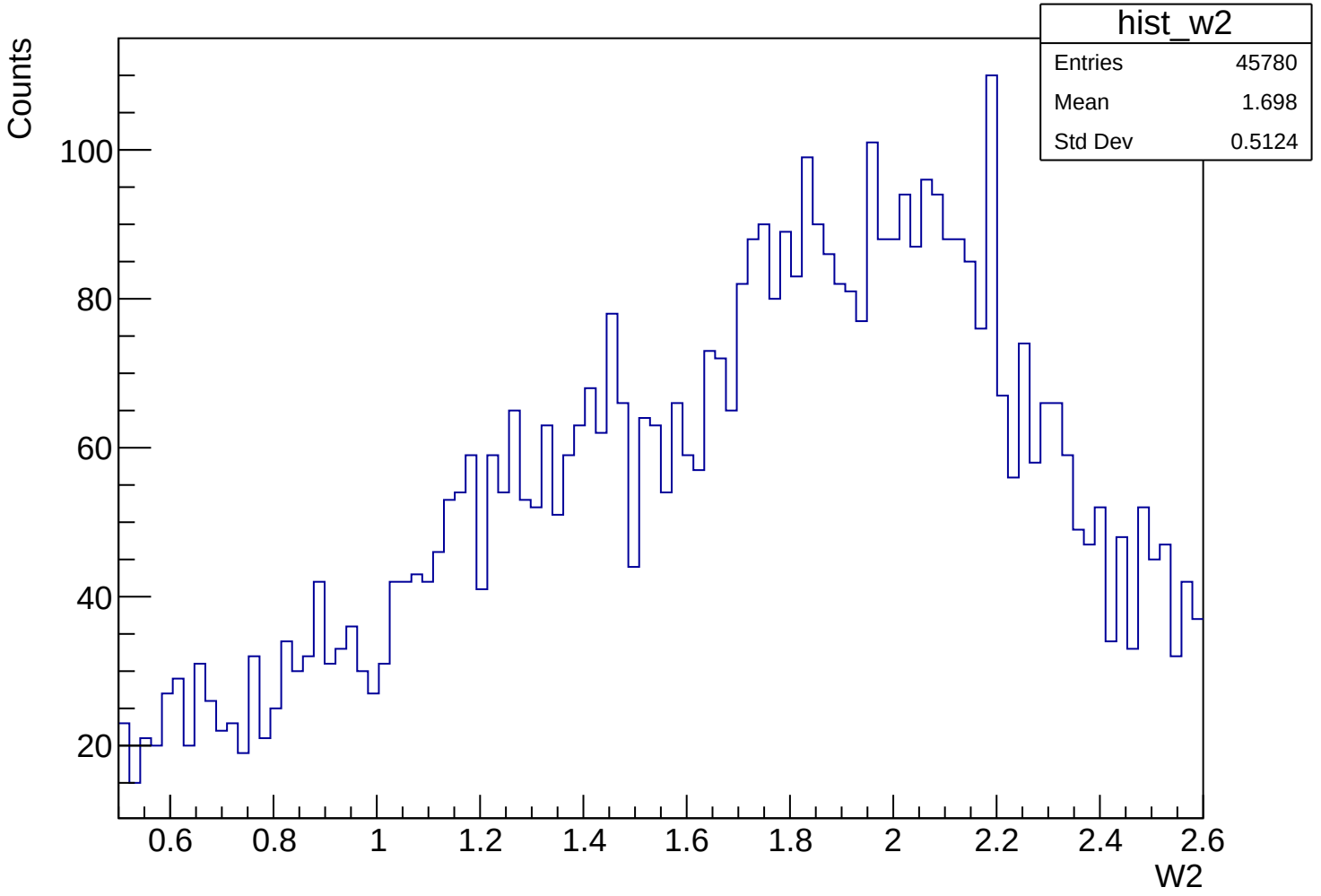

Run 6840: NPS.kin.secondary.pmiss_z
hist_pmiss_z
Entries 200540
Mean −2.792
Std Dev 0.3551
Counts
2500
2000
1500
1000
500
0
−4
−3.5
−3
−2.5
−2
−1.5
−1
Pmiss_z

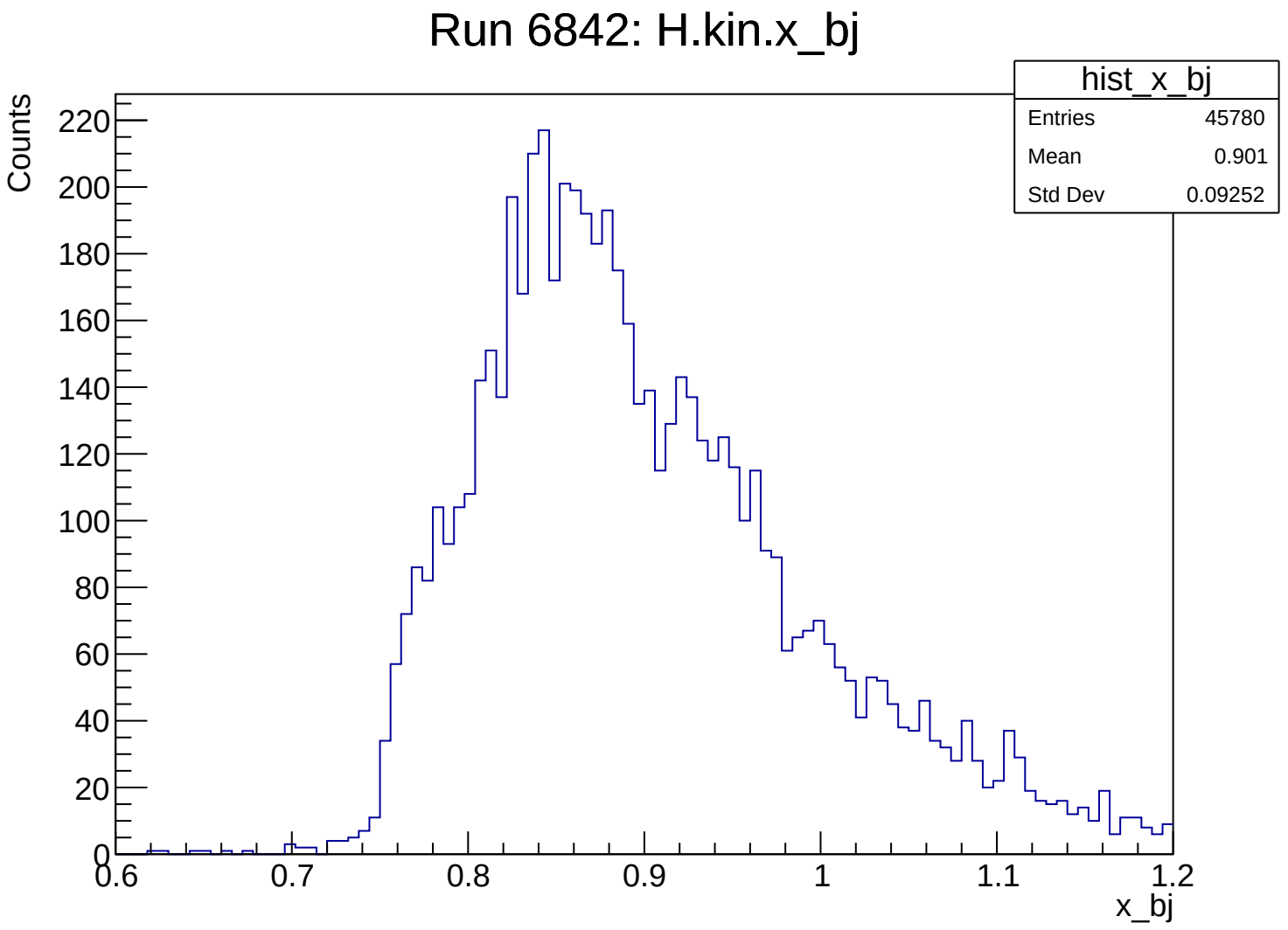

Run 6840: NPS.kin.secondary.emiss
hist_emiss
Entries 200540
Mean 2.981
Std Dev 0.41
Counts
4000
3500
3000
2500
2000
1500
1000
500
0
−1
−0.5
0
0.5
1
1.5
2
2.5
3
3.5
4
Emiss

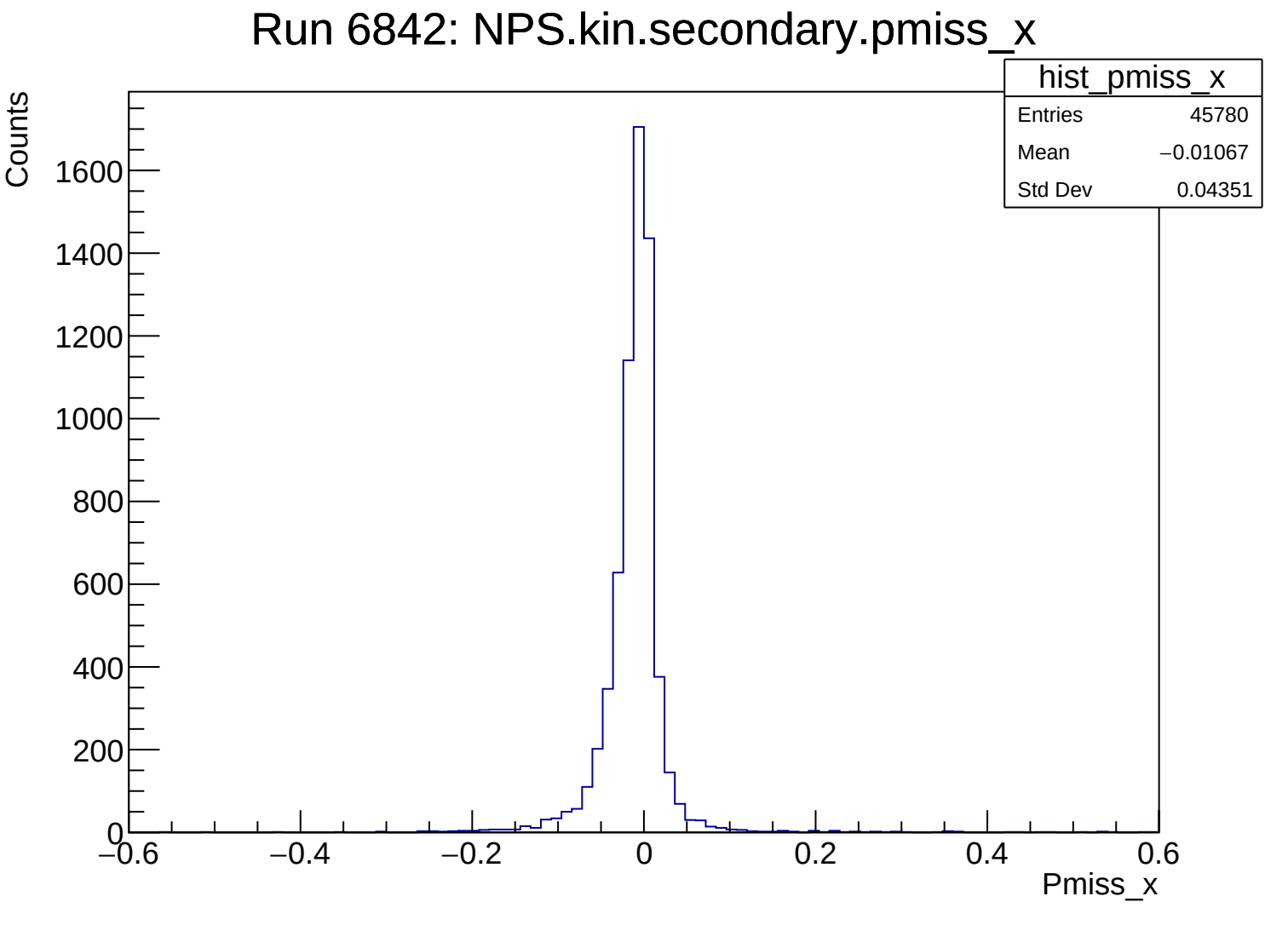

Run 6840: NPS.kin.secondary.emiss_nuc
hist_emiss_nuc
Entries 200540
Mean 0.1299
Std Dev 0.2182
Counts
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
−1
−0.5
0
0.5
1
1.5
Emiss_nuc

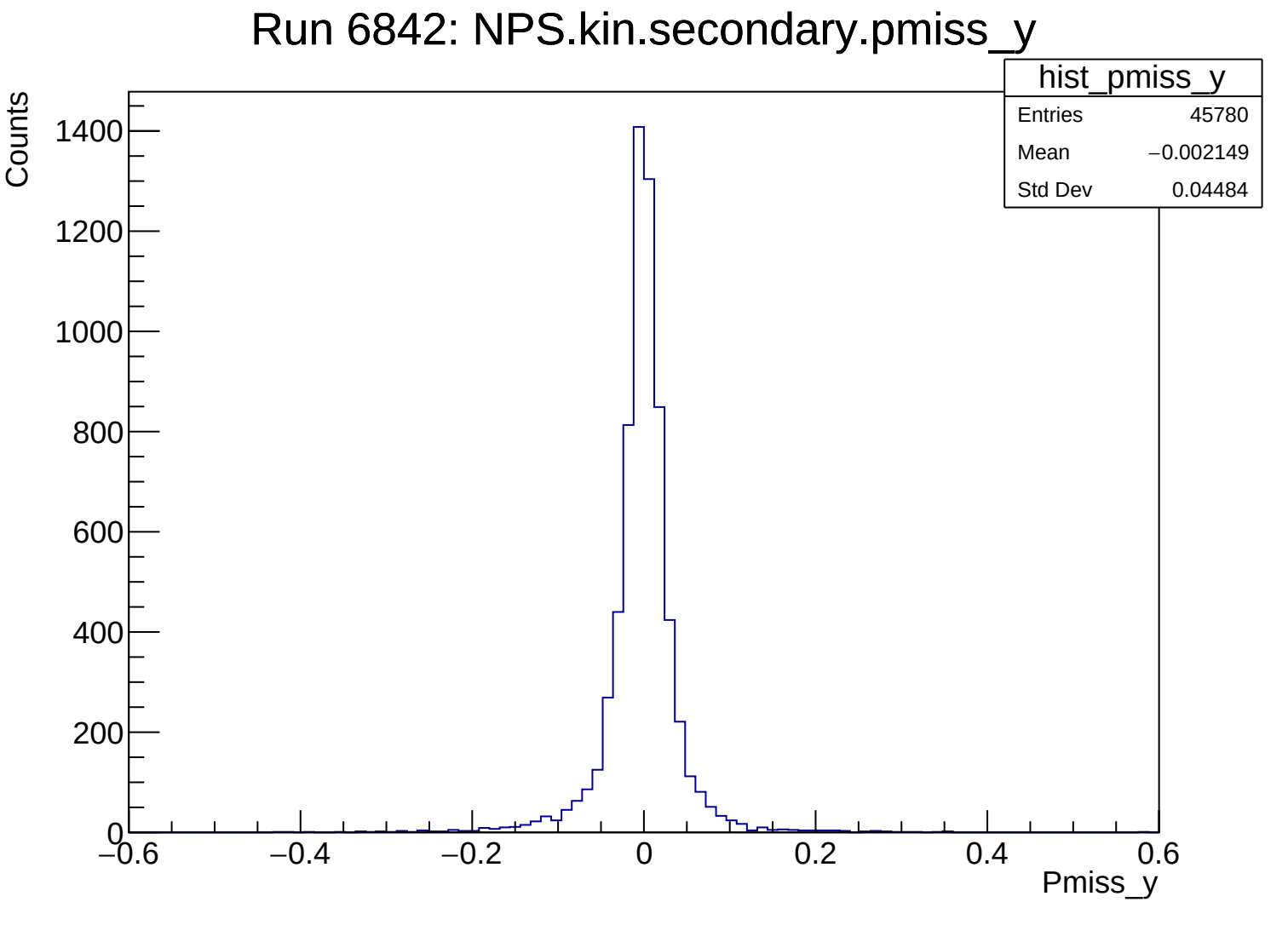

Run 6840: H.gtr.ph
hist_ph
Entries 200540
Mean 0.01034
Std Dev 0.01369
Counts
3000
2500
2000
1500
1000
500
0
–0.05
–0.04
–0.03
–0.02
–0.01
0
0.01
0.02
0.03
0.04
0.05
H.gtr.ph

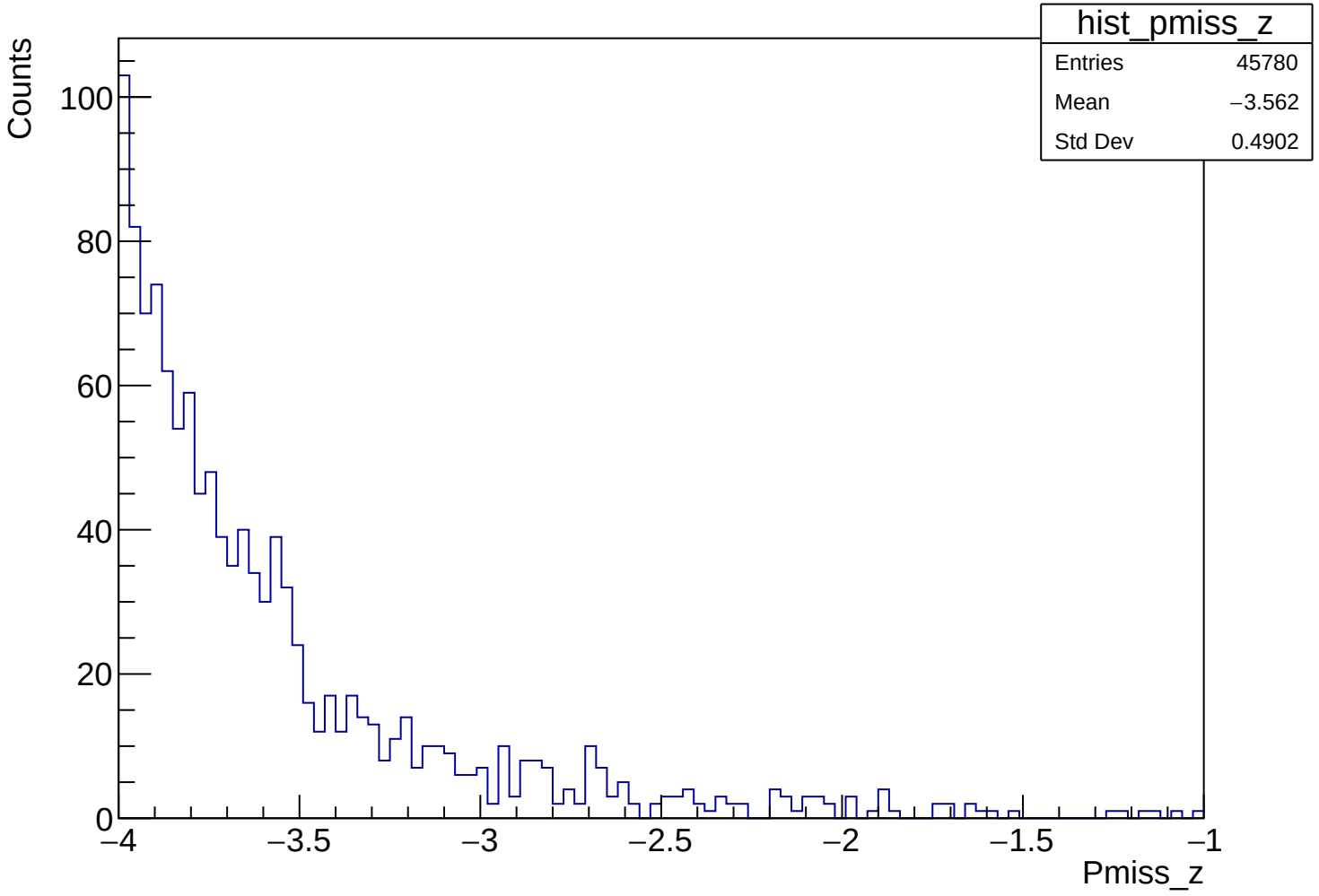

Run 6840: H.gtr.th
hist_th
Entries 200540
Mean −0.01022
Std Dev 0.03749
Counts
1600
1400
1200
1000
800
600
400
200
0
−0.1
−0.08
−0.06
−0.04
−0.02
0
0.02
0.04
0.06
0.08
0.1
H.gtr.th

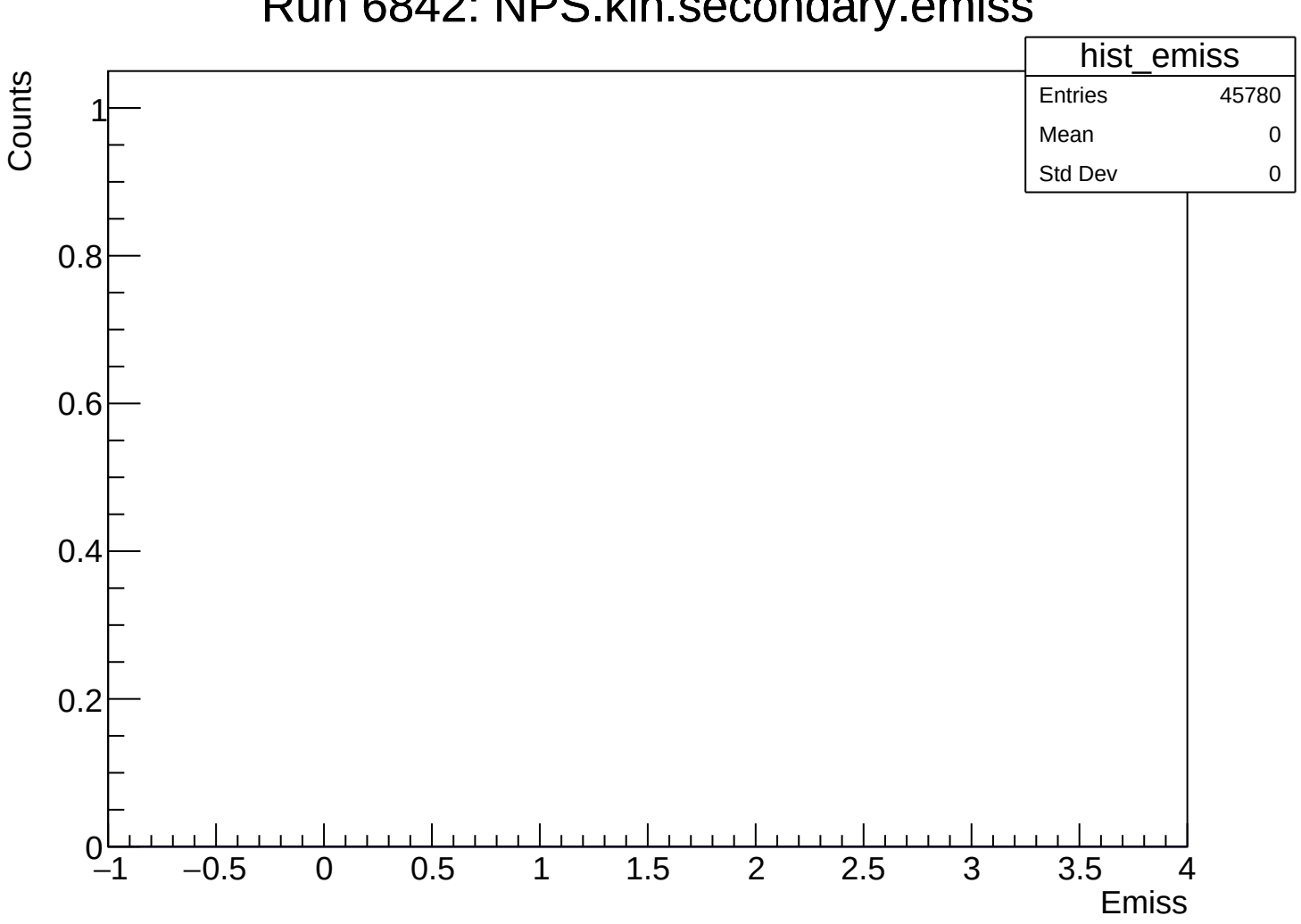

Run 6842: H.kin.W2
hist_w2
Entries 45780
Mean 1.698
Std Dev 0.5124
Counts
100
80
60
40
20
0.6
0.8
1
1.2
1.4
1.6
1.8
2
2.2
2.4
2.6
W2

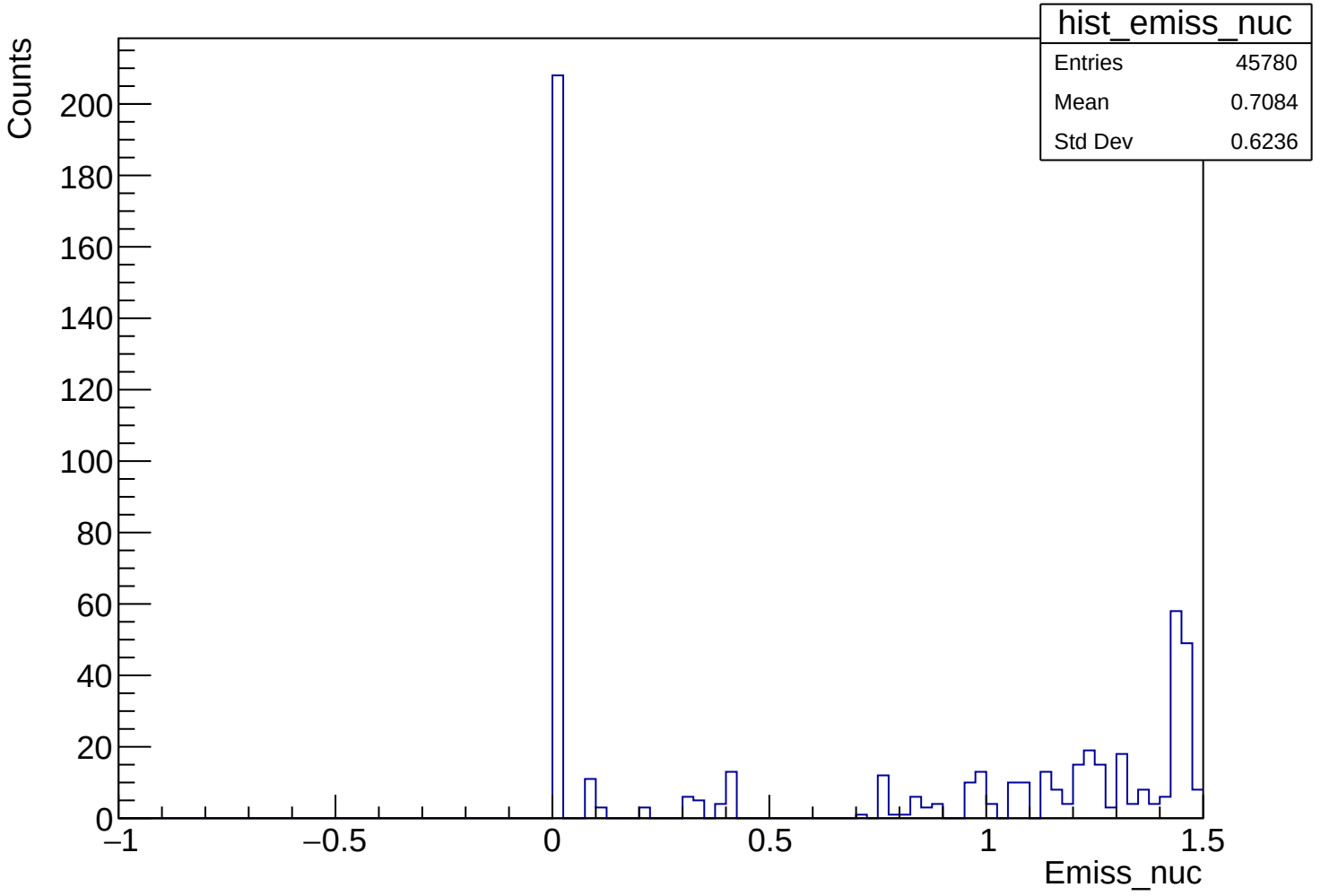

Run 6842: H.kin.x_bj
hist_x_bj
Entries 45780
Mean 0.901
Std Dev 0.09252
Counts
0
20
40
60
80
100
120
140
160
180
200
220
0.6
0.7
0.8
0.9
1
1.1
1.2
x_bj

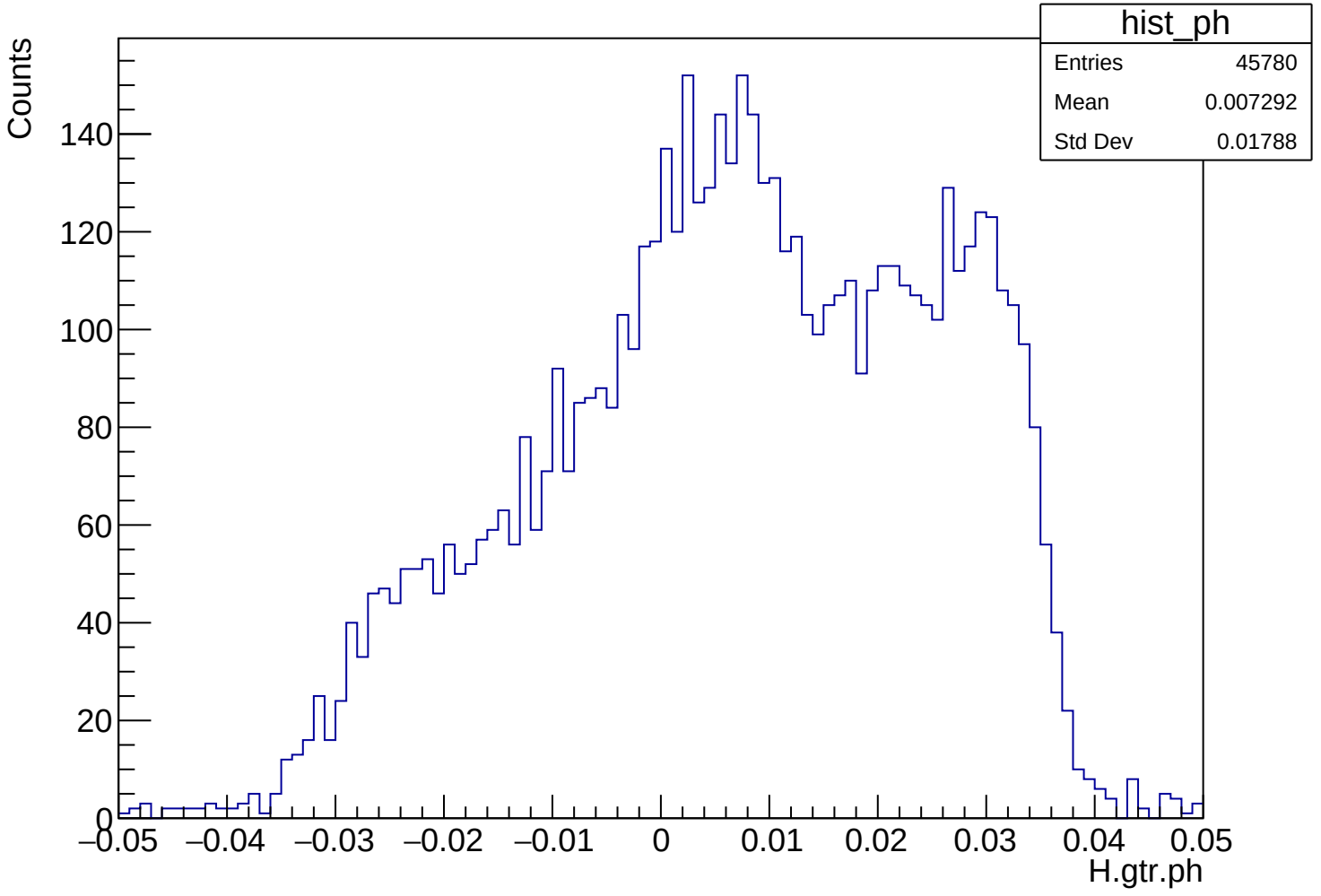

Run 6842: NPS.kin.secondary.pmiss_x
hist_pmiss_x
Entries 45780
Mean −0.01067
Std Dev 0.04351
Counts
1600
1400
1200
1000
800
600
400
200
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_x

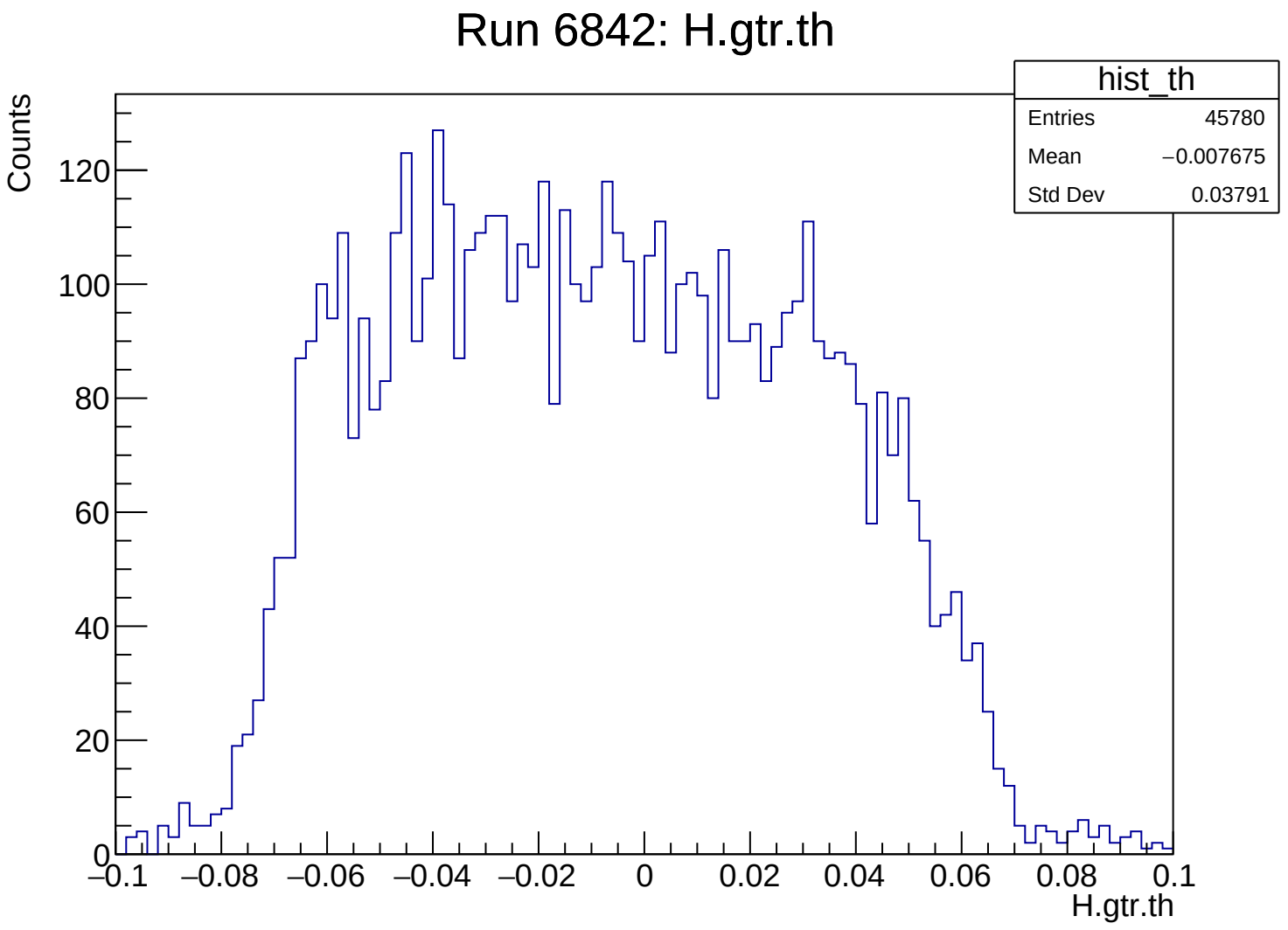

Run 6842: NPS.kin.secondary.pmiss_y
hist_pmiss_y
Entries 45780
Mean −0.002149
Std Dev 0.04484
Counts
1400
1200
1000
800
600
400
200
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
Pmiss_y


Run 6842: NPS.kin.secondary.pmiss_z
hist_pmiss_z
Entries 45780
Mean −3.562
Std Dev 0.4902
Counts
100
80
60
40
20
0
−4
−3.5
−3
−2.5
−2
−1.5
−1
Pmiss_z


Run 6842: NPS.kin.secondary.emiss
hist_emiss
Entries 45780
Mean 0
Std Dev 0
Counts
1
0.8
0.6
0.4
0.2
0
−1
−0.5
0
0.5
1
1.5
2
2.5
3
3.5
4
Emiss


Run 6842: NPS.kin.secondary.emiss_nuc
hist_emiss_nuc
Entries 45780
Mean 0.7084
Std Dev 0.6236
Counts
0
20
40
60
80
100
120
140
160
180
200
−1
−0.5
0
0.5
1
1.5
Emiss_nuc


Run 6842: H.gtr.ph
hist_ph
Entries 45780
Mean 0.007292
Std Dev 0.01788
Counts
140
120
100
80
60
40
20
0
–0.05
–0.04
–0.03
–0.02
–0.01
0
0.01
0.02
0.03
0.04
0.05
H.gtr.ph


Run 6842: H.gtr.th
hist_th
Entries 45780
Mean −0.007675
Std Dev 0.03791
Counts
0
20
40
60
80
100
120
−0.1
−0.08
−0.06
−0.04
−0.02
0
0.02
0.04
0.06
0.08
0.1
H.gtr.th