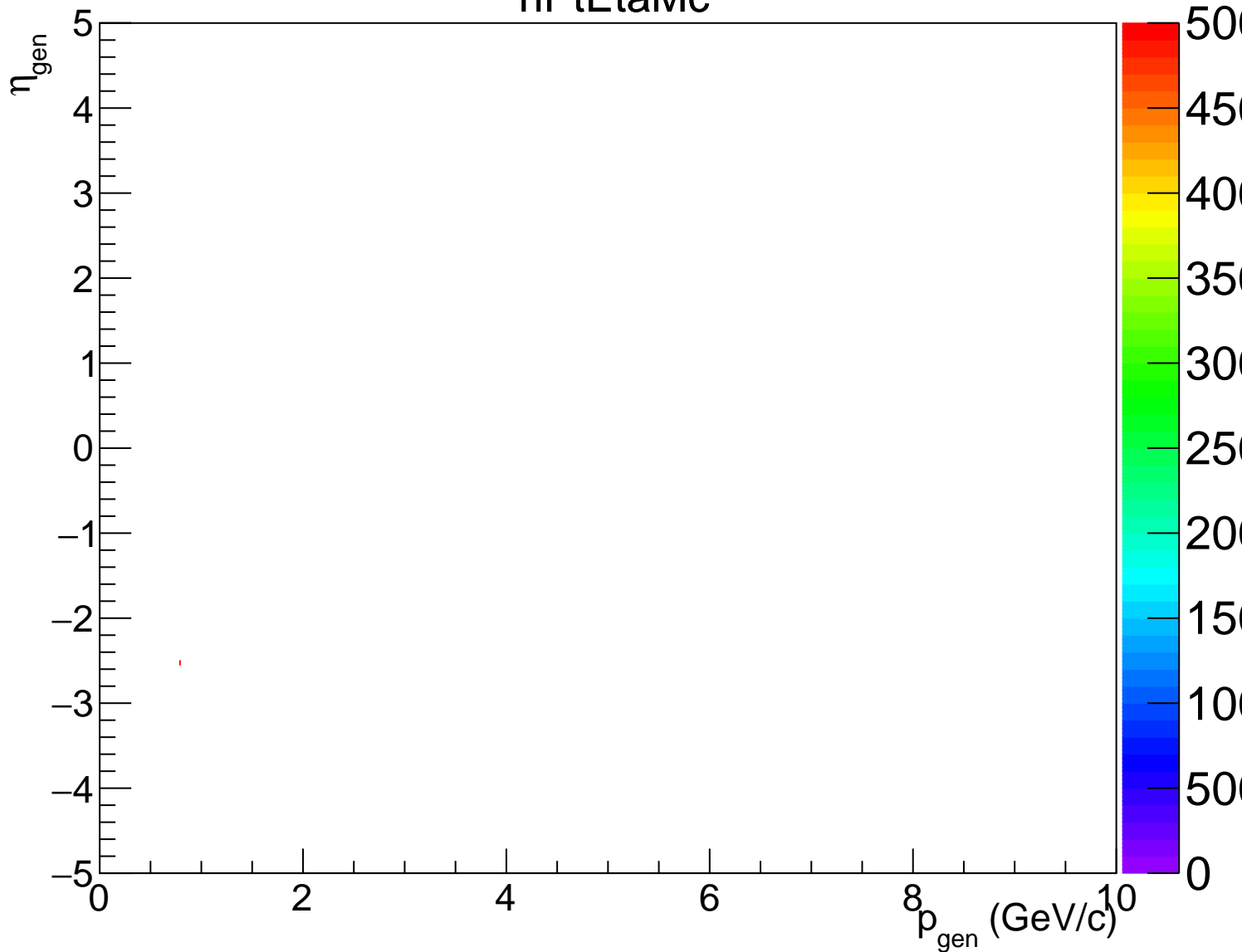
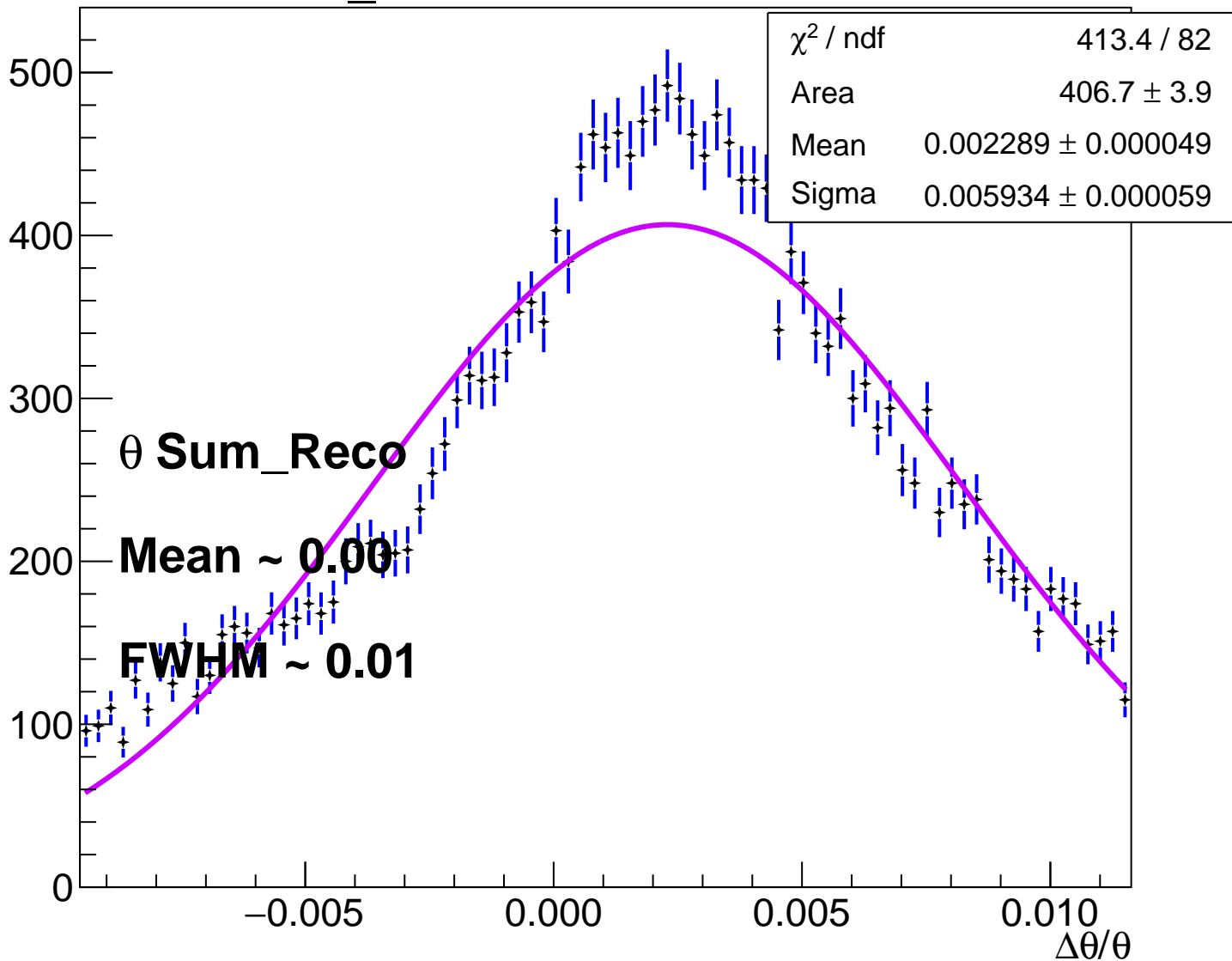


hPtEtaMc



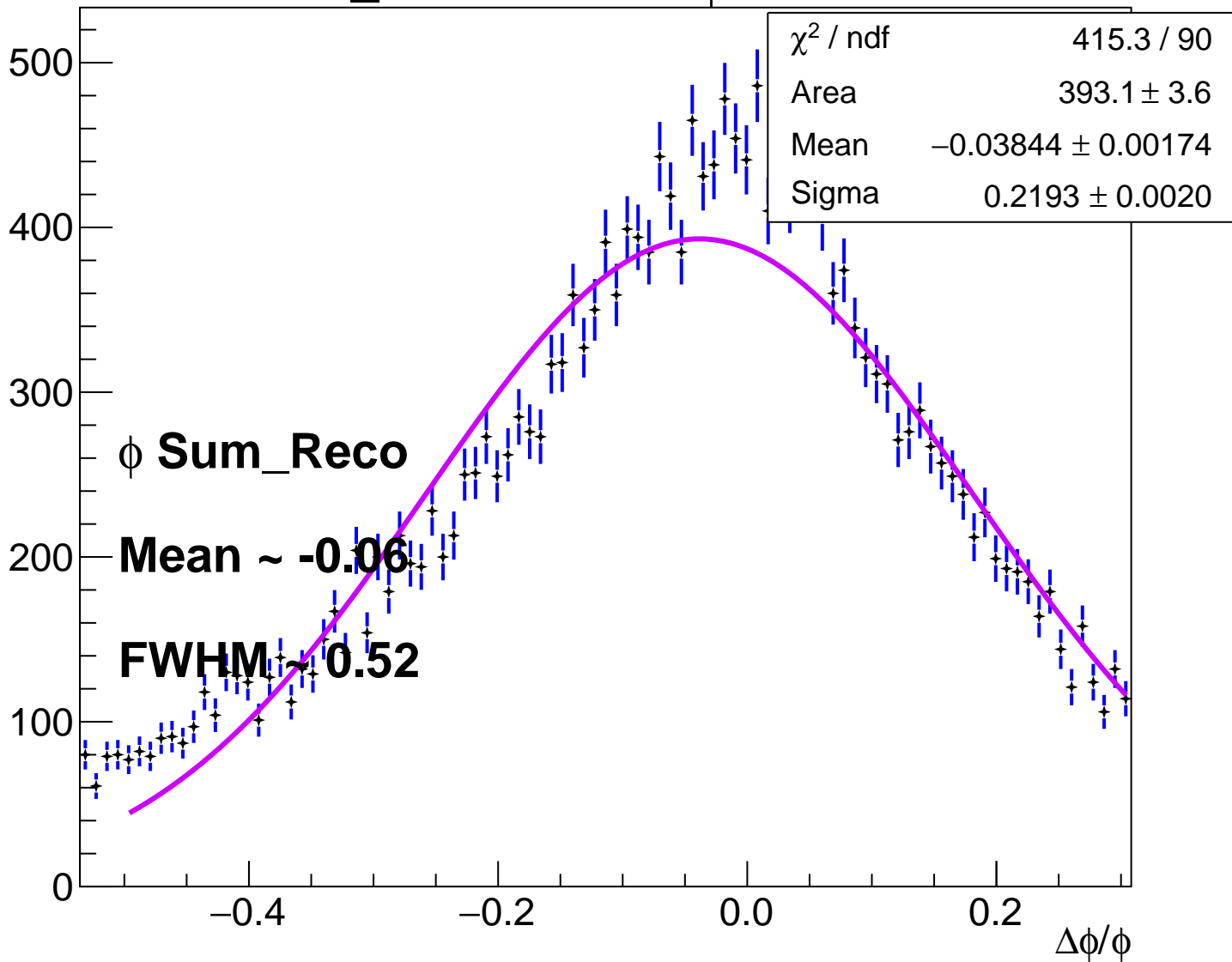
Sum_Reco Cluster θ Resolution

Entries



Sum_Reco Cluster ϕ Resolution

Entries



HCal_Reco Cluster θ Resolution

Entries

350

300

250

200

150

100

50

0

θ HCal_Reco

Mean ~ -0.00

FWHM ~ 0.01

χ^2 / ndf

118.5 / 58

Area

256.3 ± 3.5

Mean

-0.0003506 ± 0.0000503

Sigma

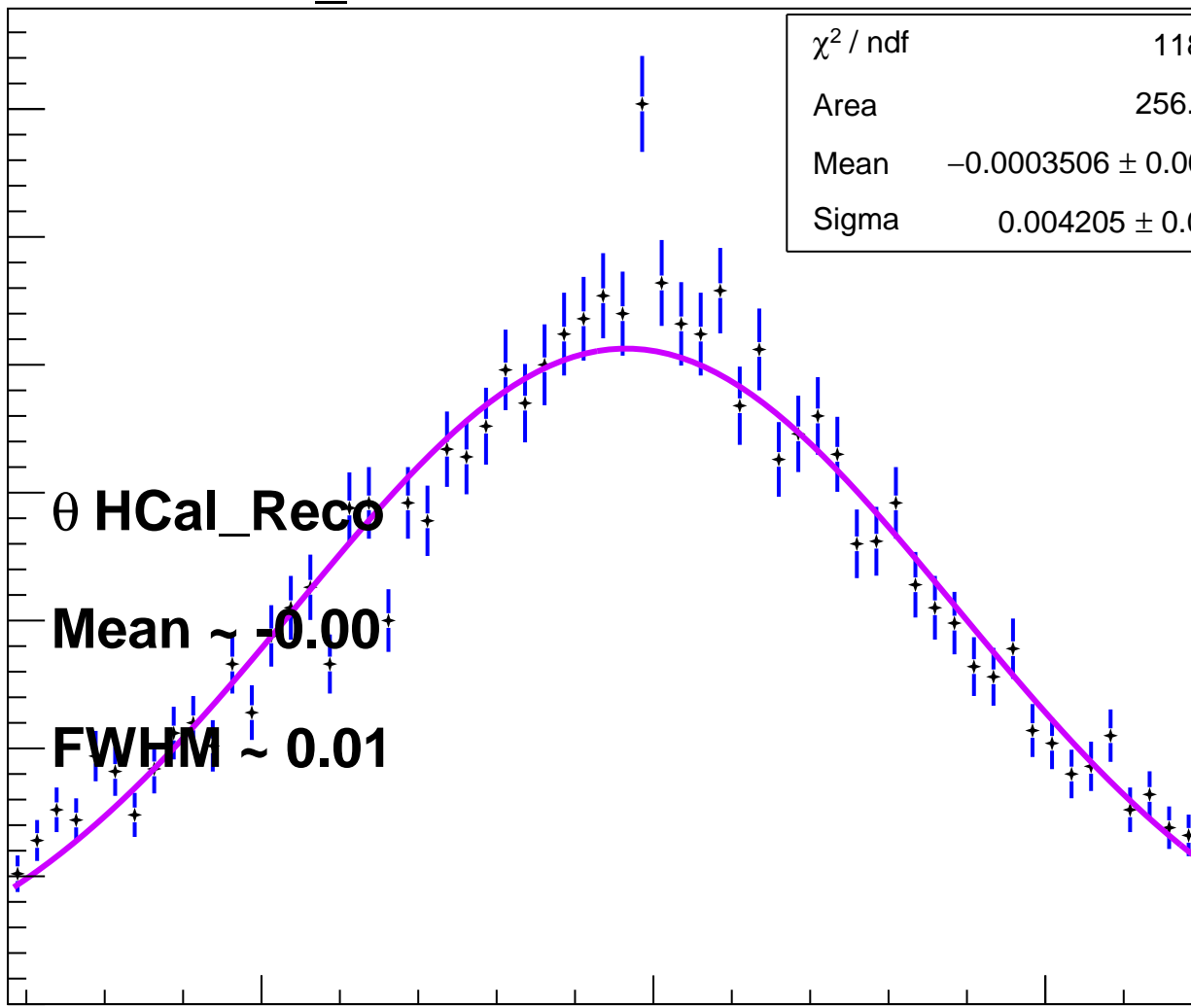
0.004205 ± 0.000057

-0.005

0.000

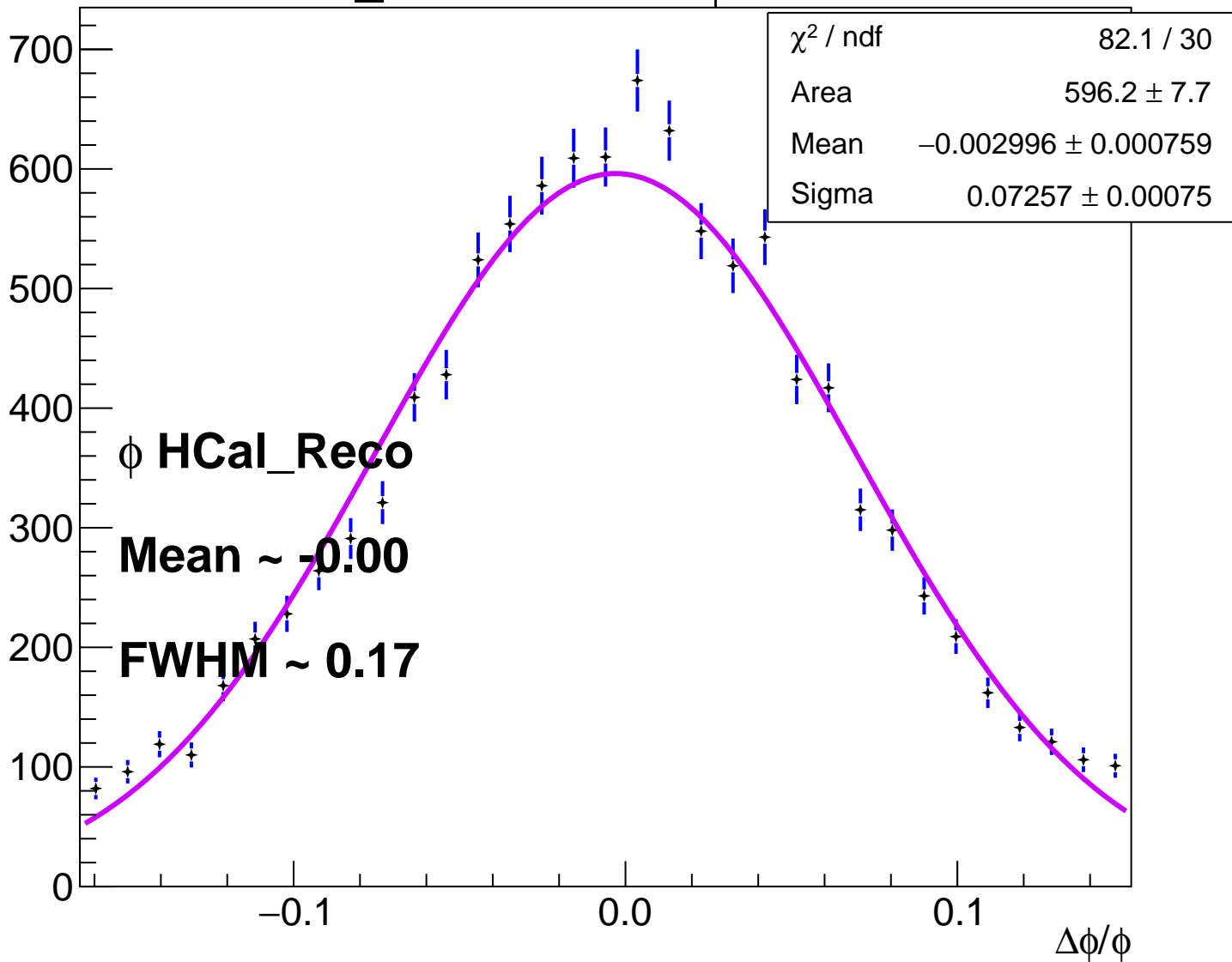
0.005

$\Delta\theta/\theta$

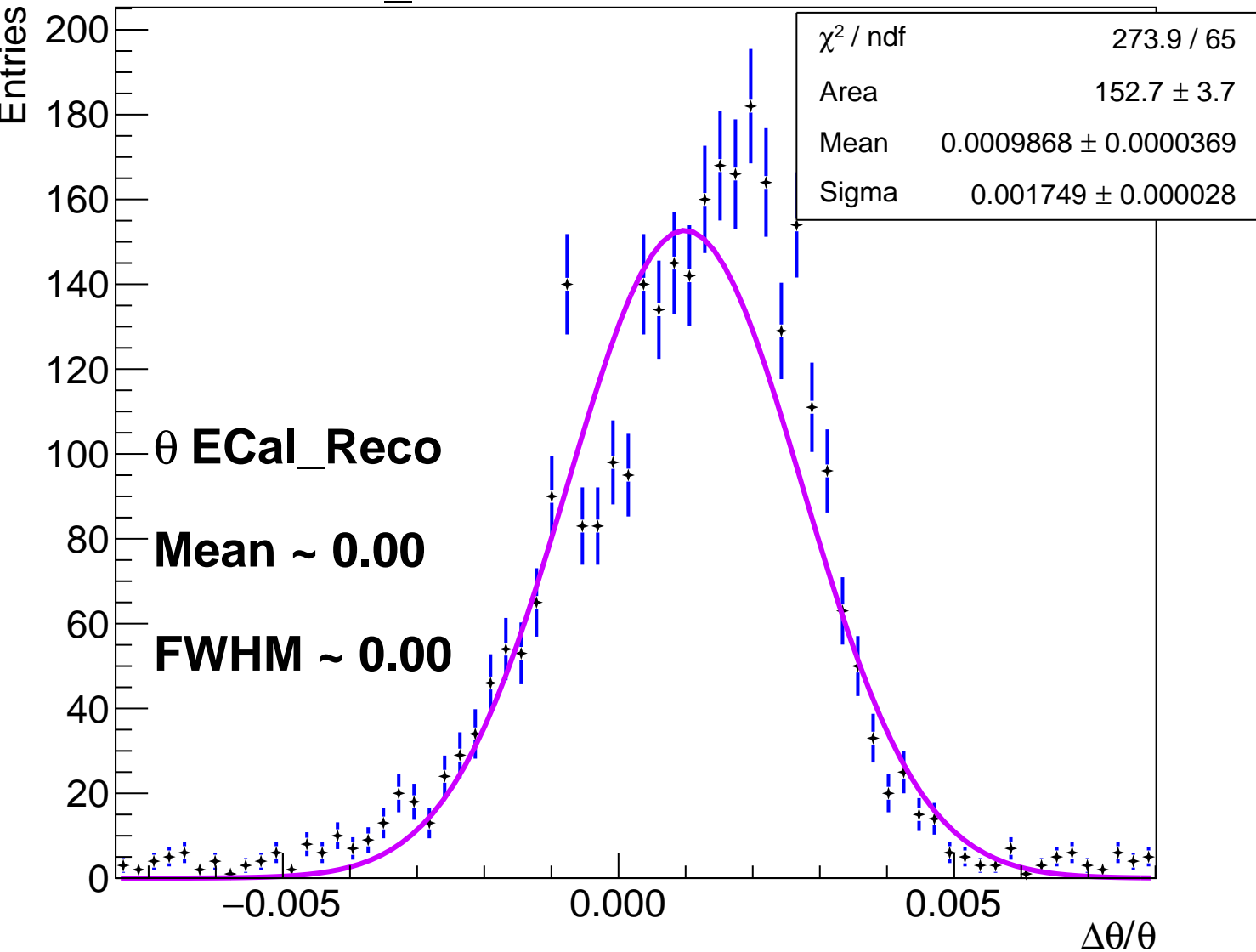


HCal_Reco Cluster ϕ Resolution

Entries



ECal_Reco Cluster θ Resolution



ECal_Reco Cluster ϕ Resolution

Entries

900
800
700
600
500
400
300
200
100
0

ϕ ECal_Reco

Mean ~ -0.01

FWHM ~ 0.04

χ^2 / ndf

338.4 / 42

Area

824.9 ± 21.8

Mean

-0.00536 ± 0.00032

Sigma

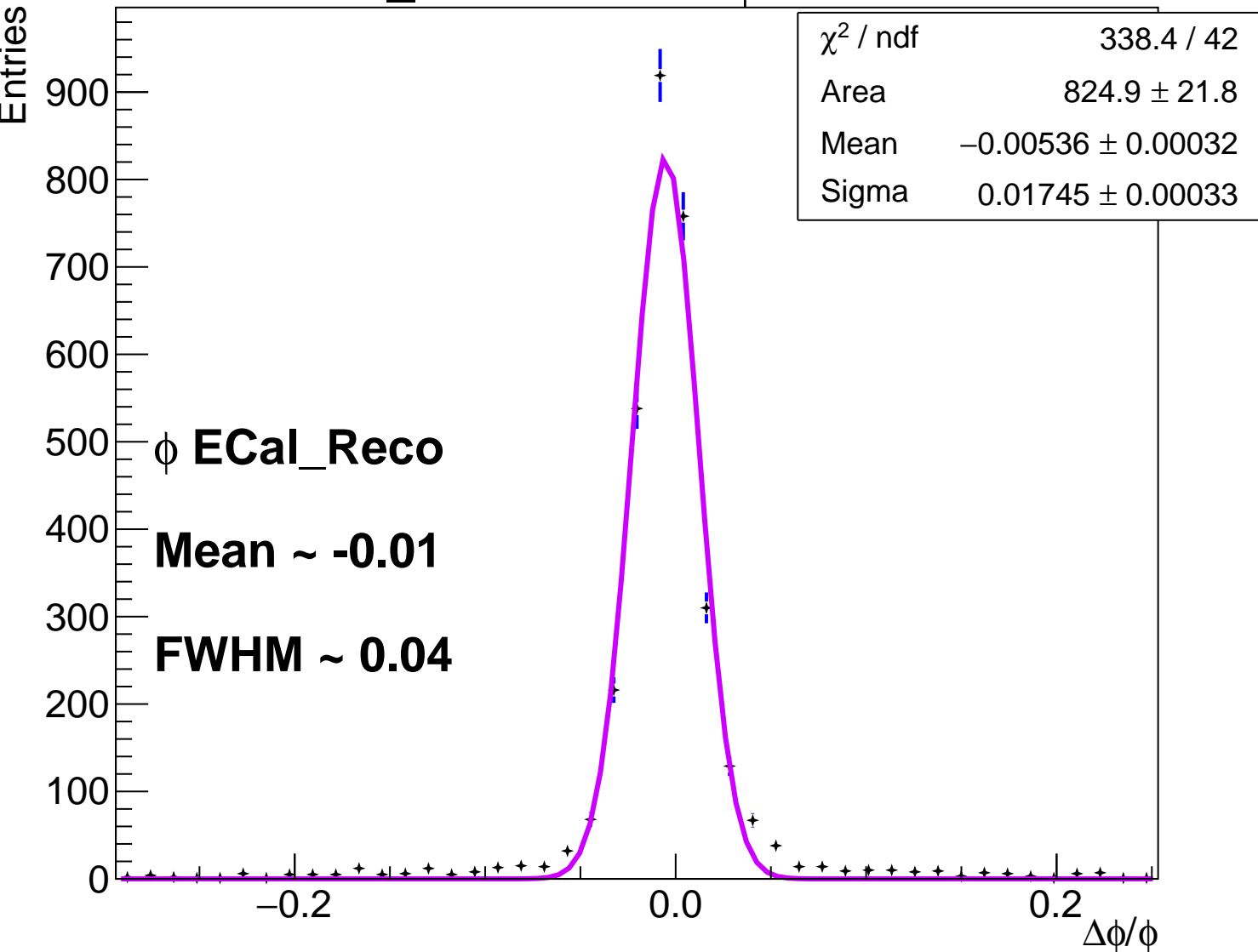
0.01745 ± 0.00033

-0.2

0.0

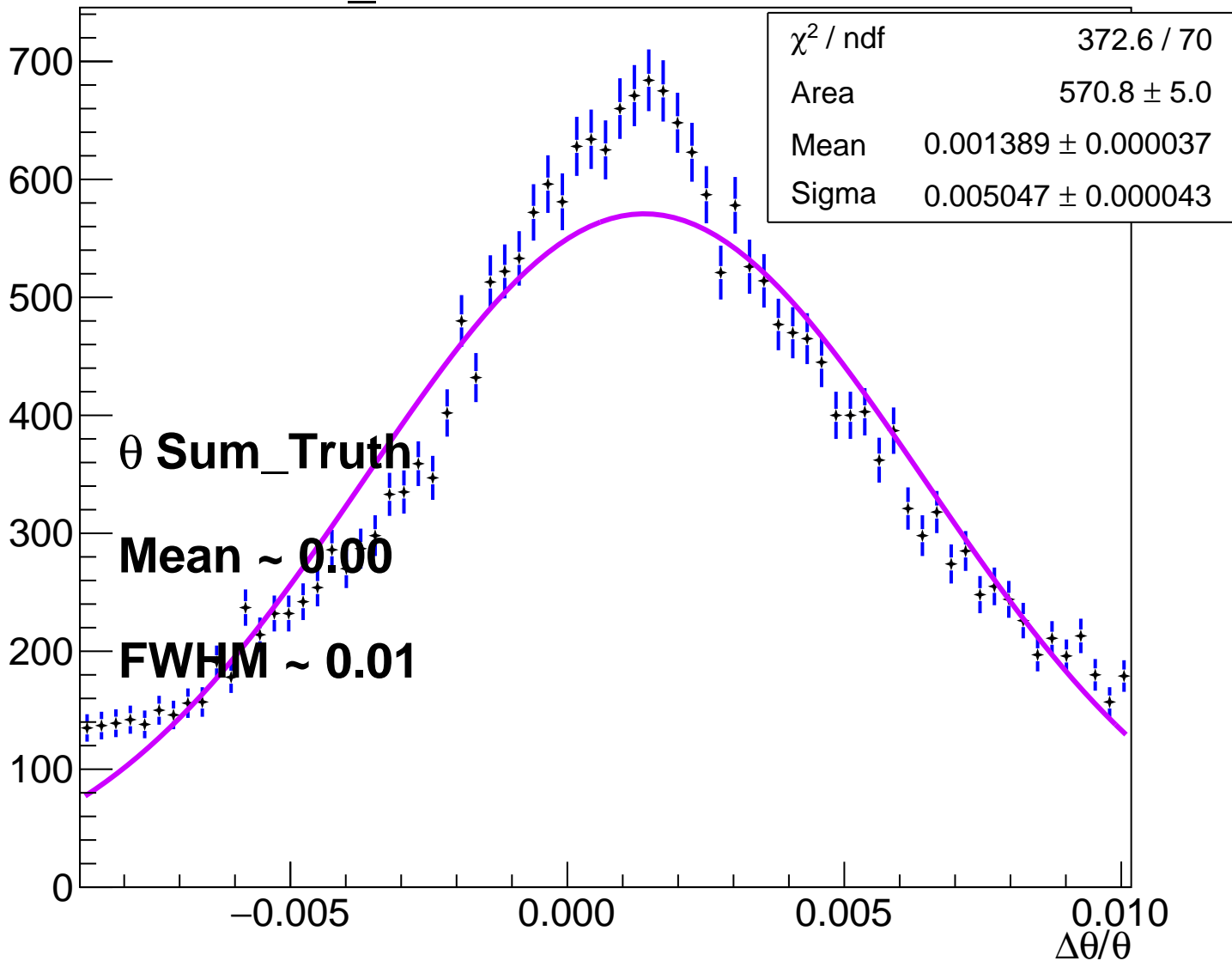
0.2

$\Delta\phi/\phi$

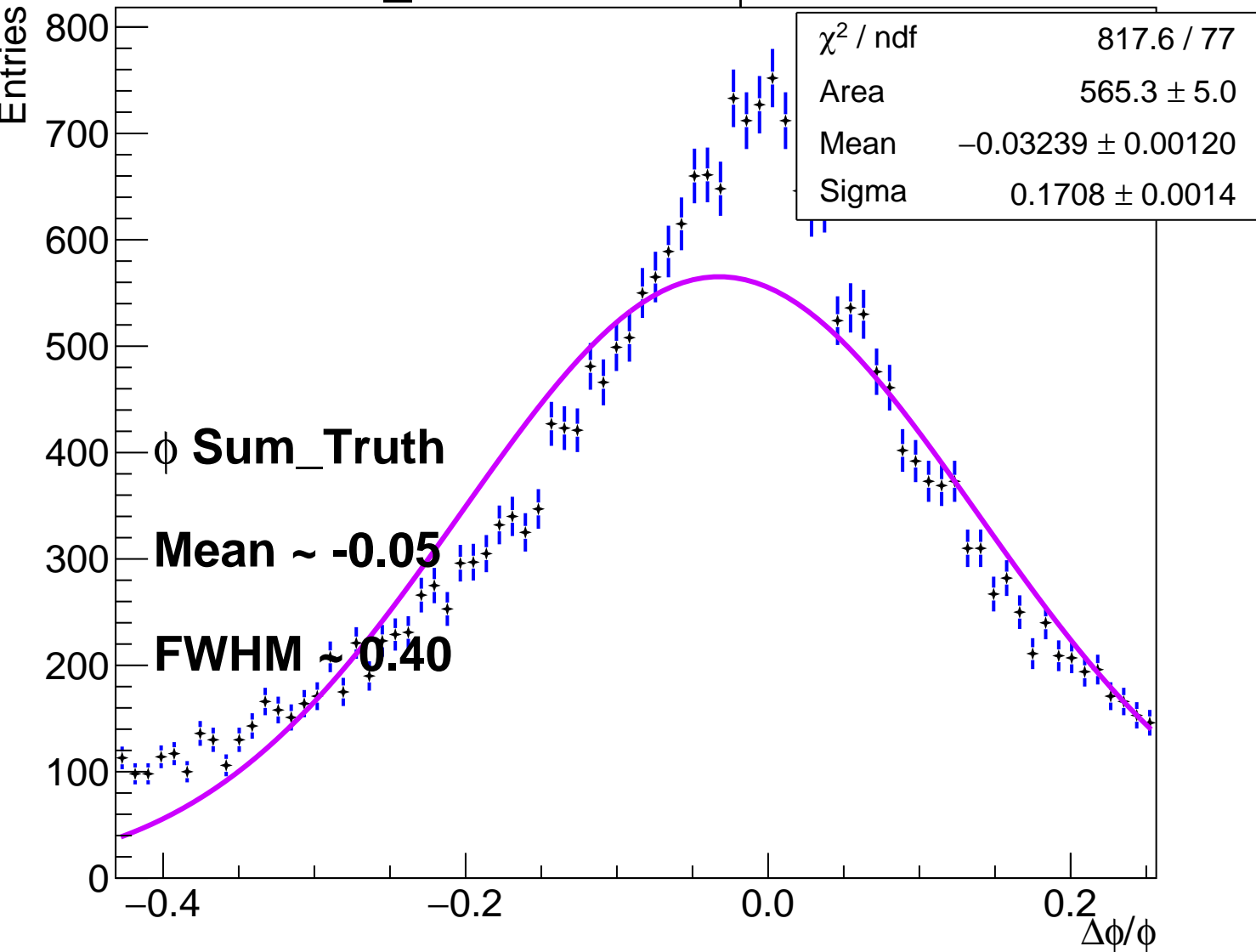


Sum_Truth Cluster θ Resolution

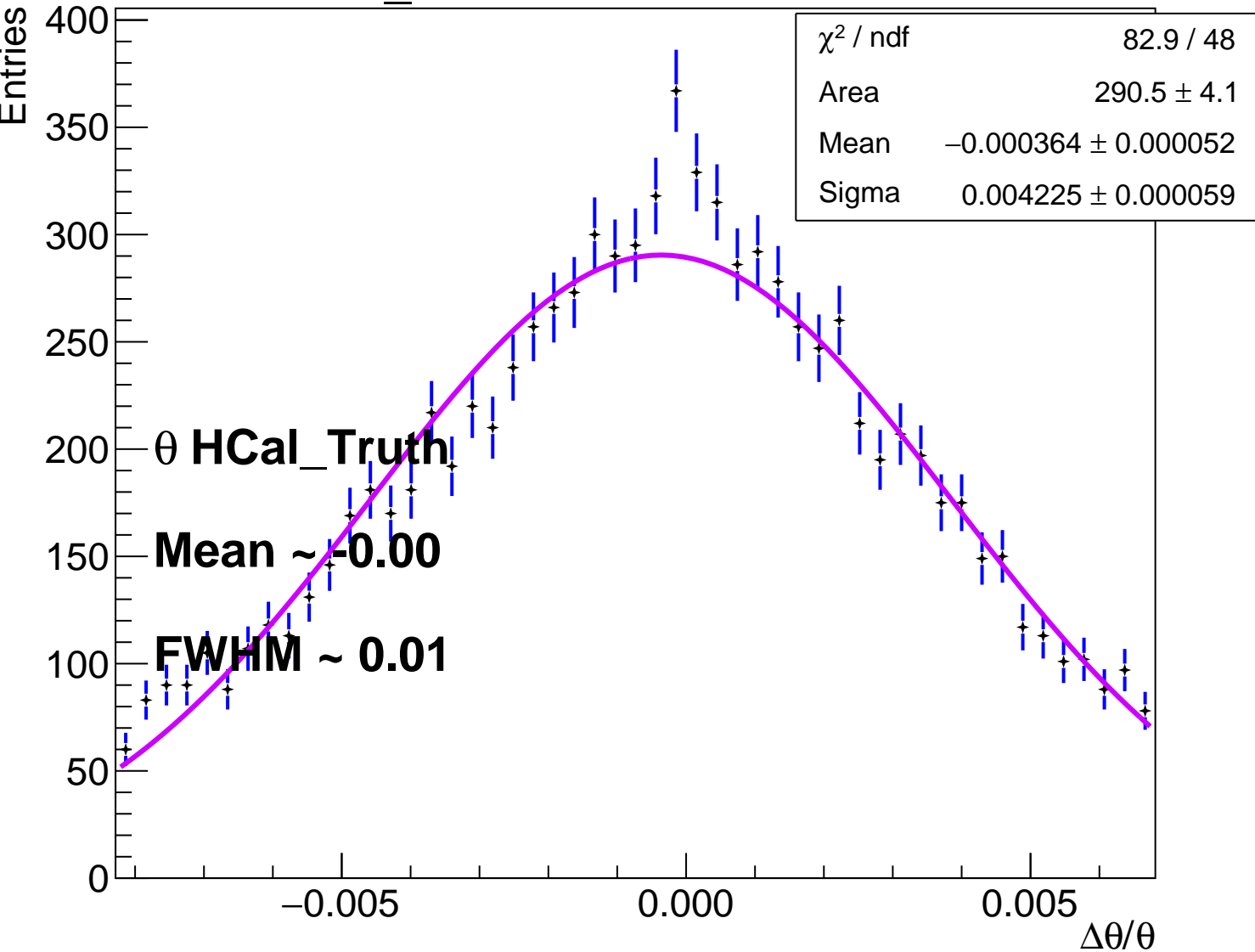
Entries



Sum_Truth Cluster ϕ Resolution

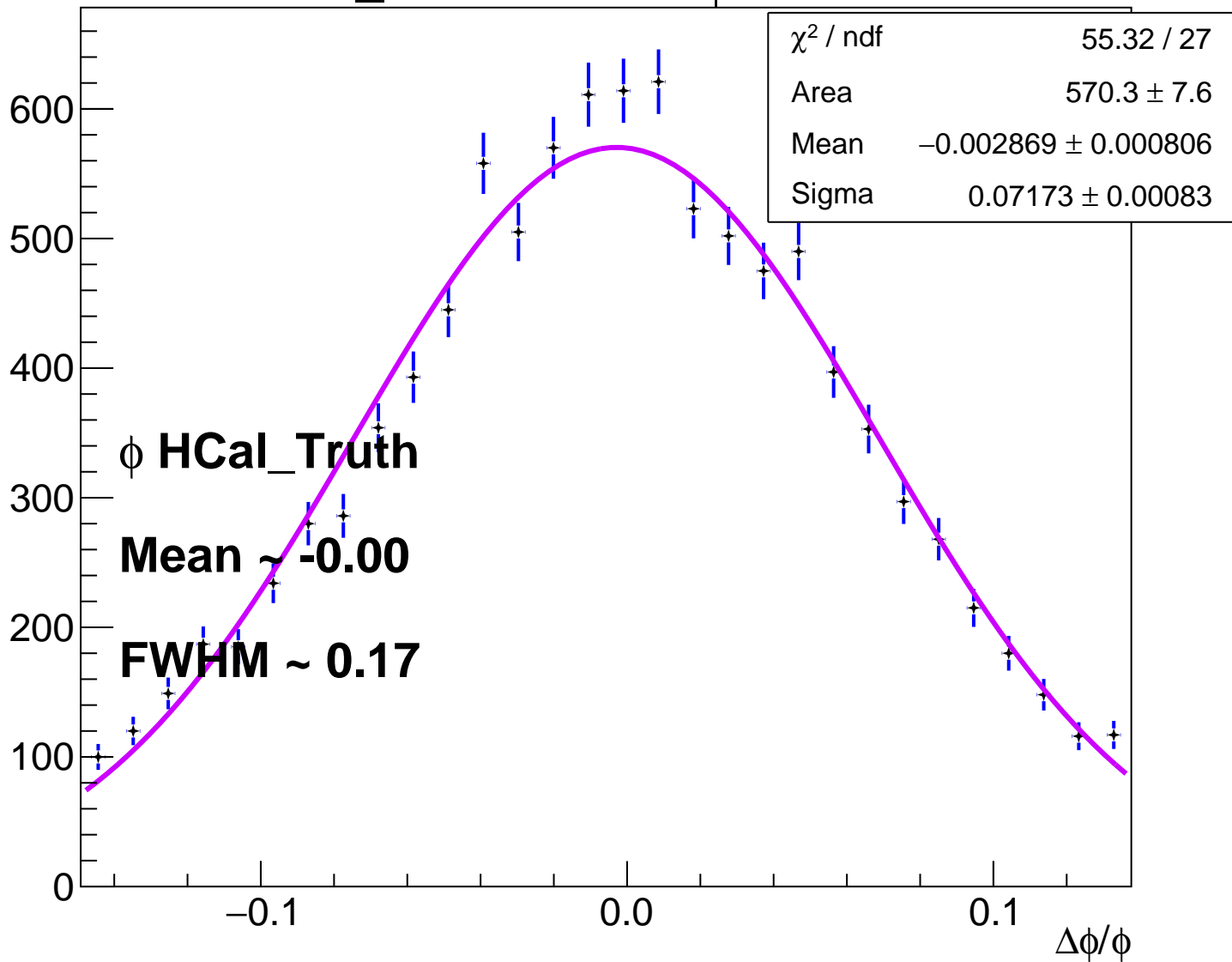


HCal_Truth Cluster θ Resolution



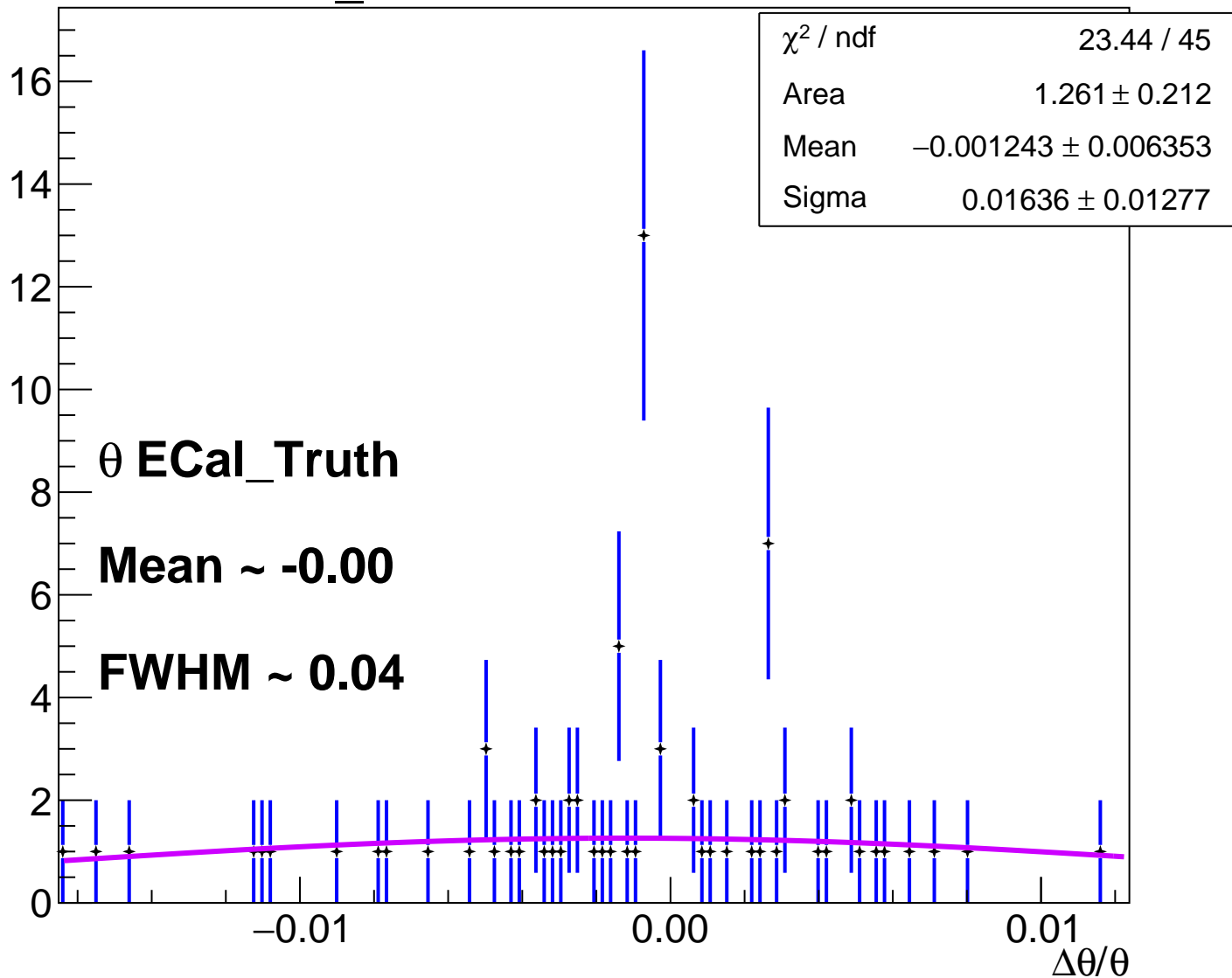
HCal_Truth Cluster ϕ Resolution

Entries



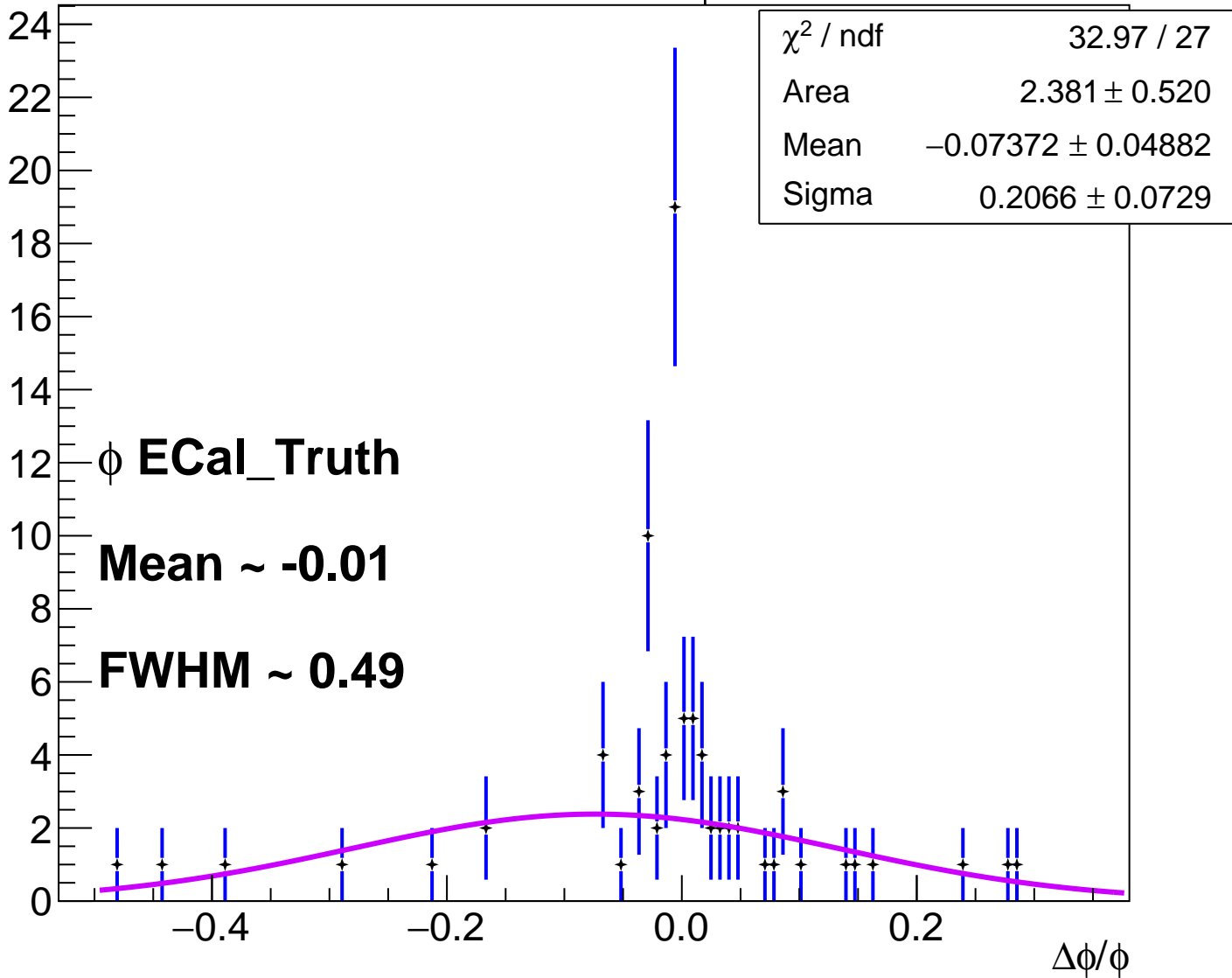
ECal_Truth Cluster θ Resolution

Entries

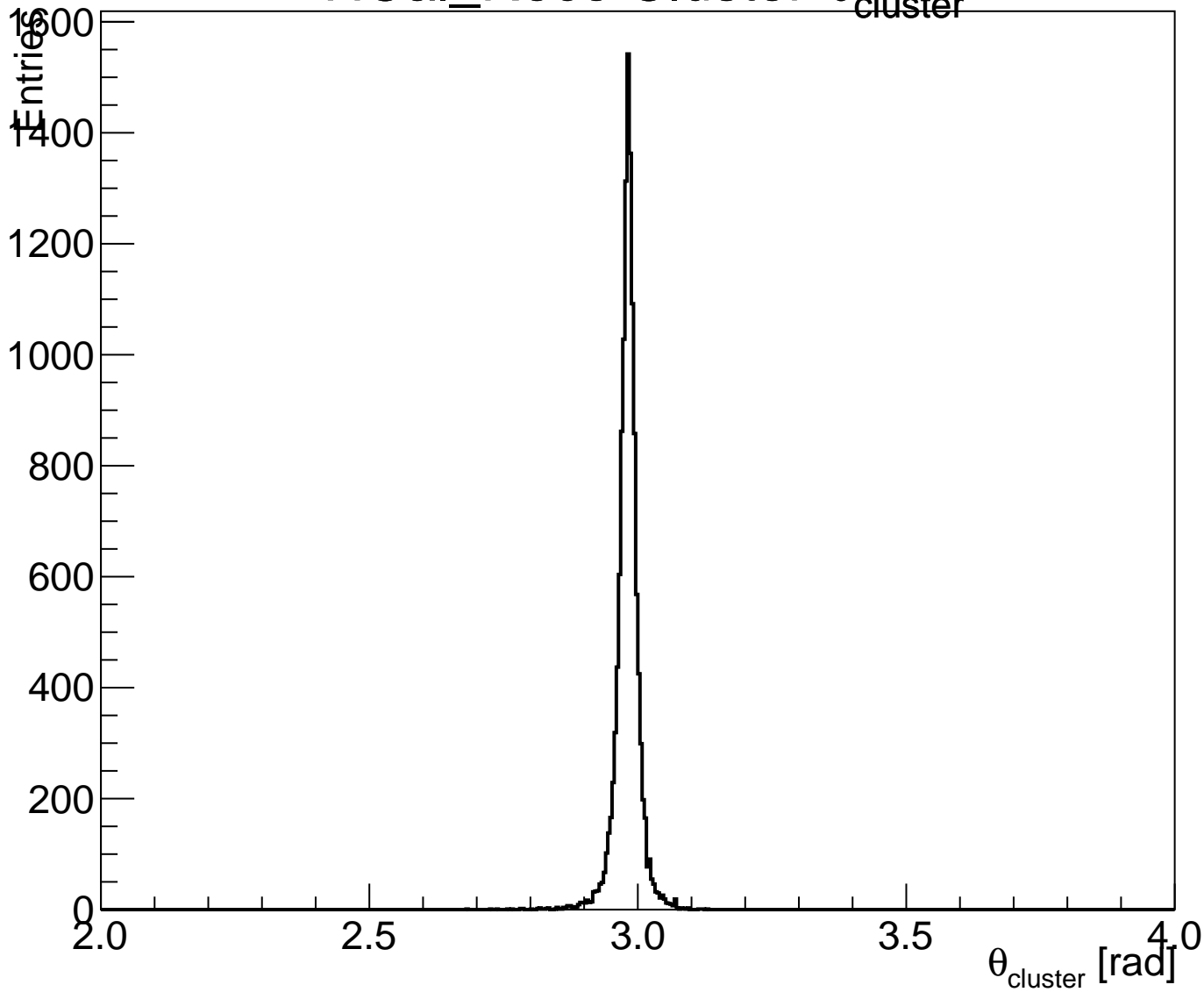


ECal_Truth Cluster ϕ Resolution

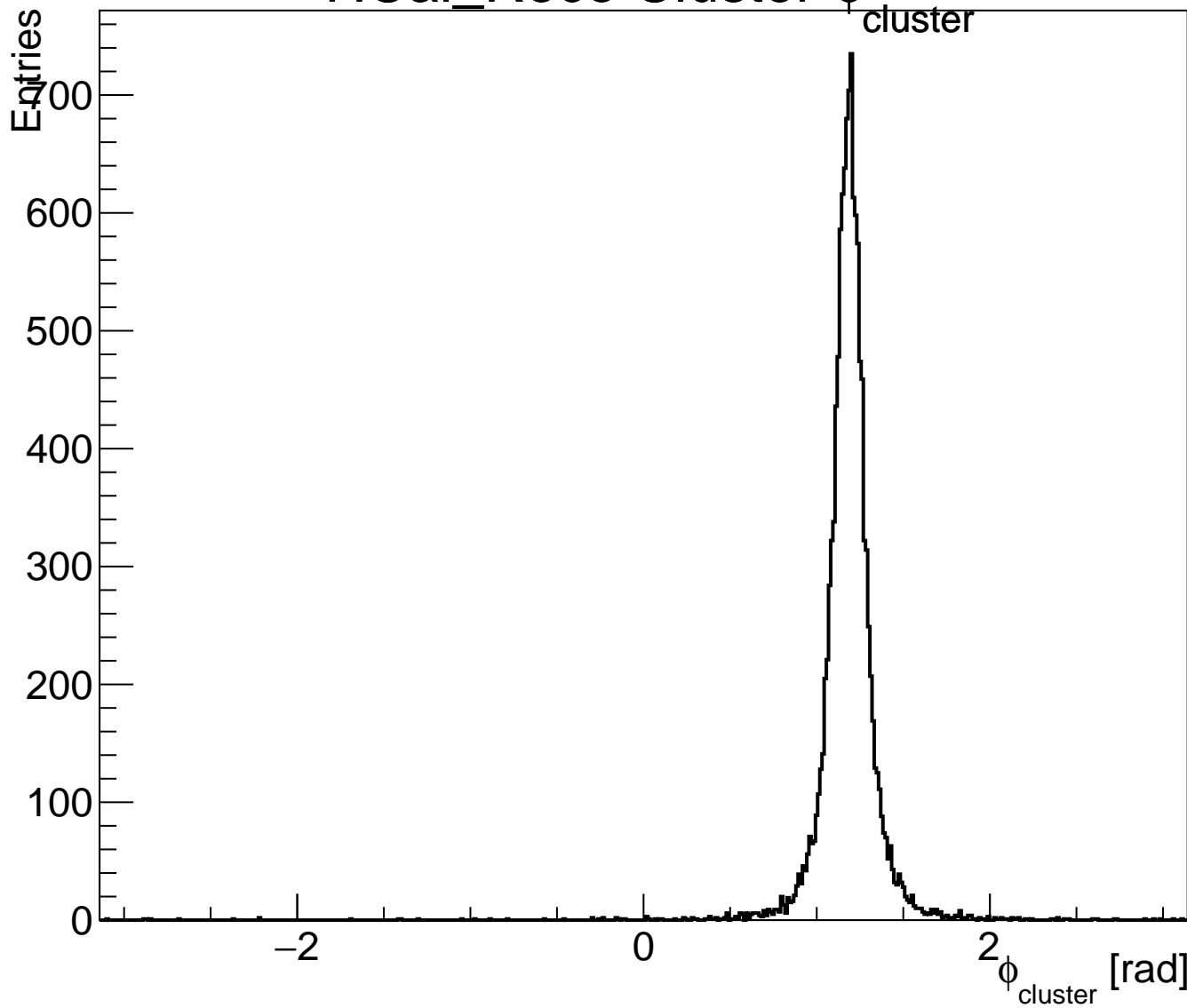
Entries



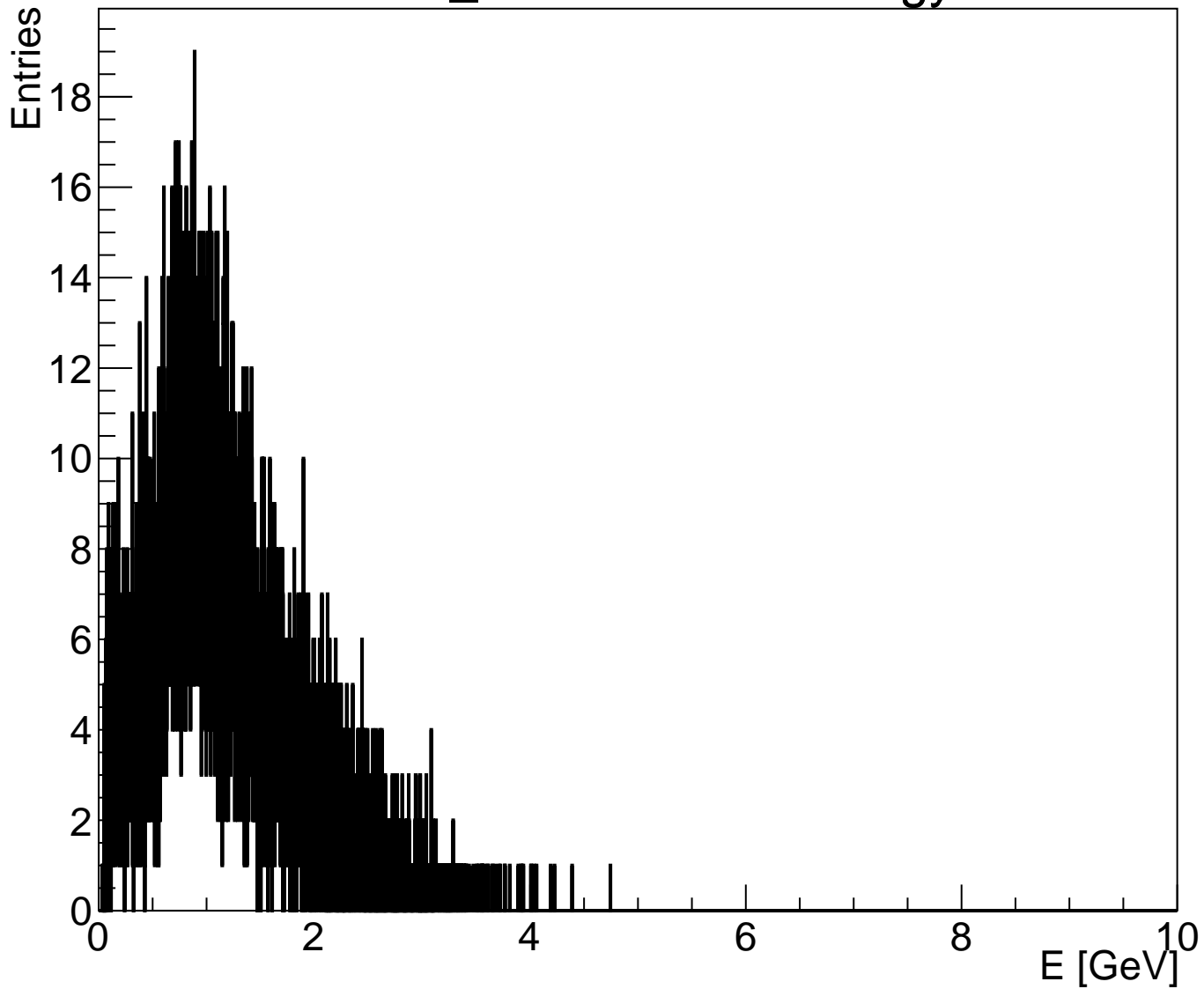
HCal_Reco Cluster θ_{cluster}



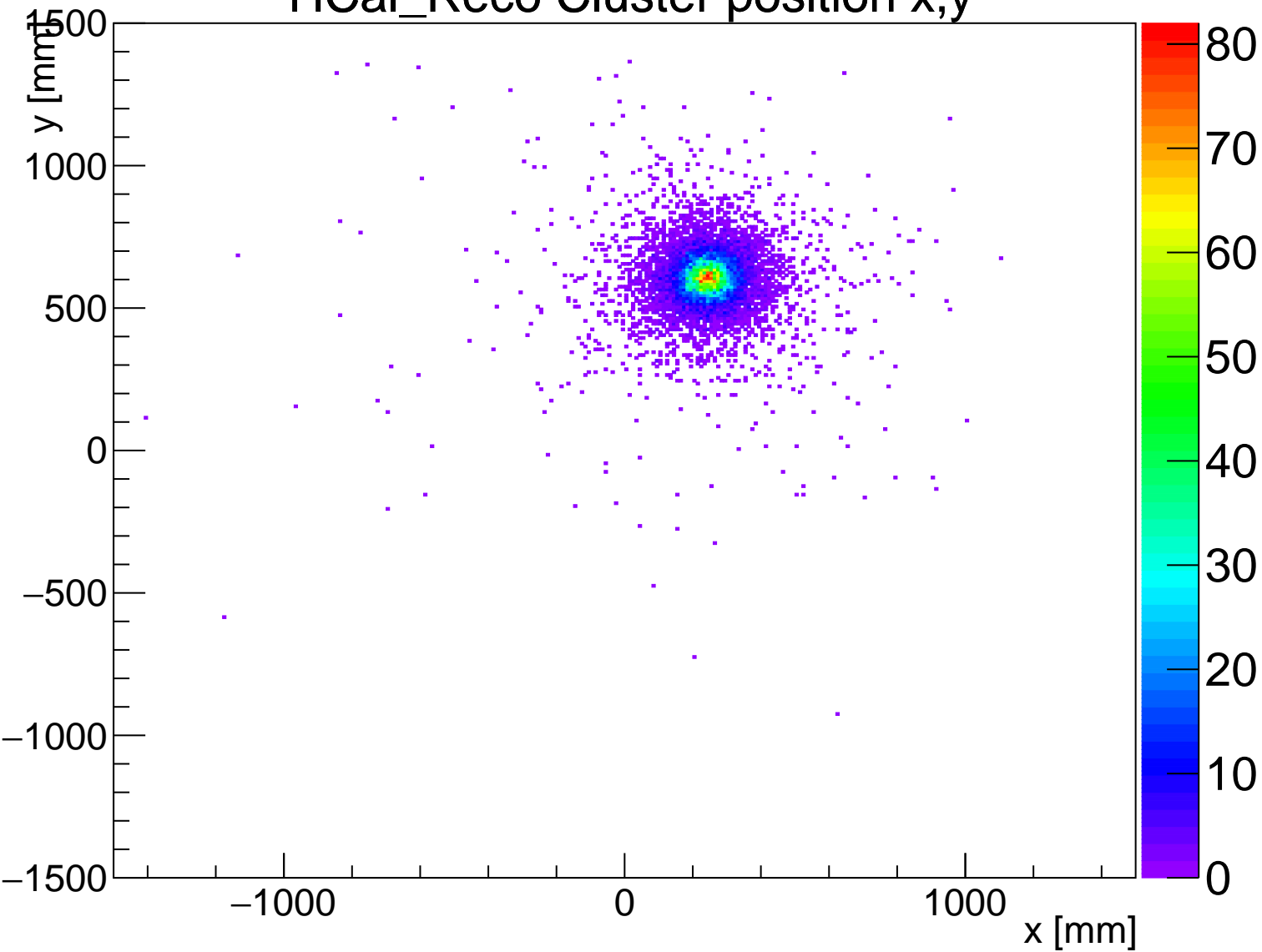
HCal_Reco Cluster ϕ



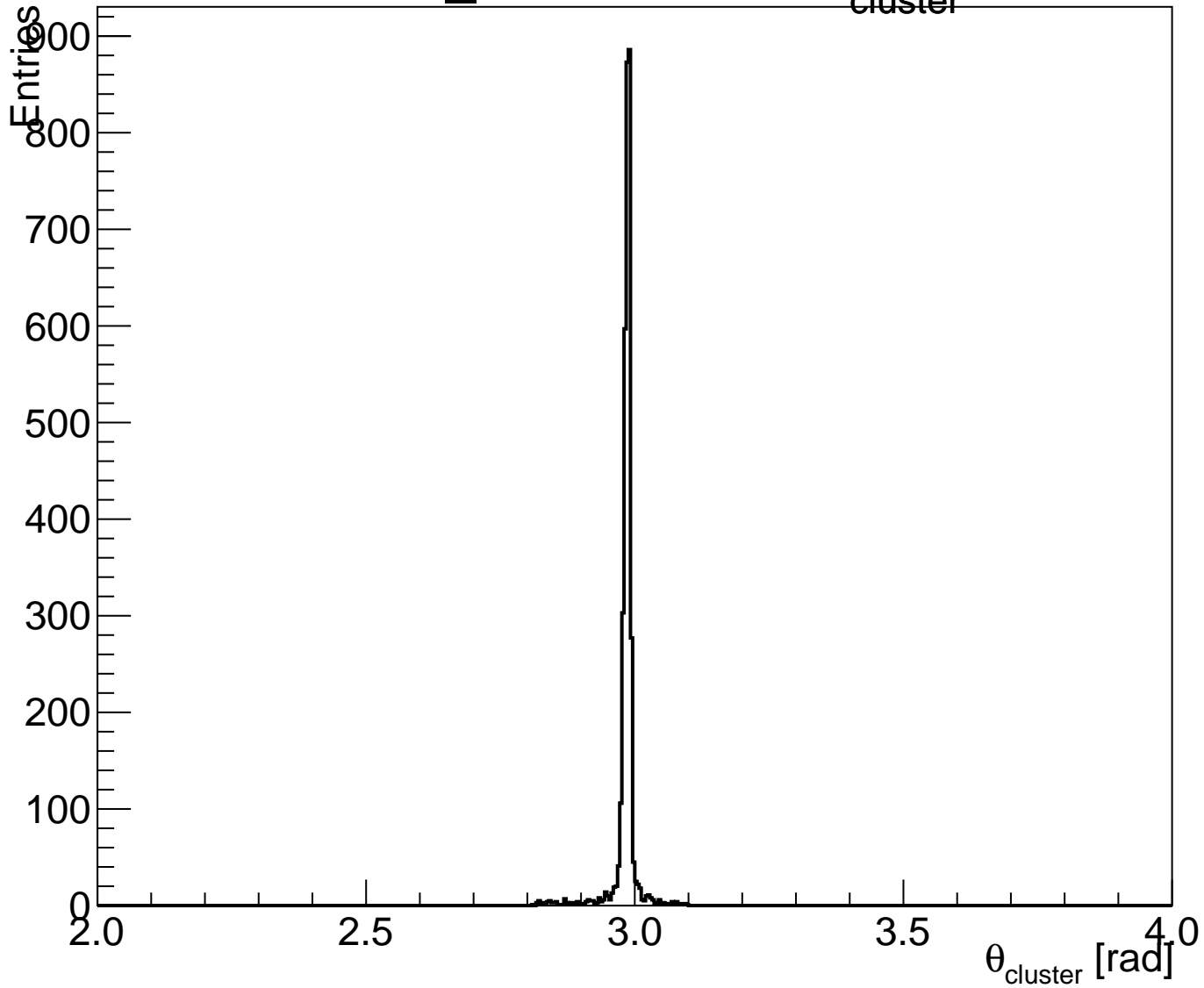
HCal_Reco Cluster energy



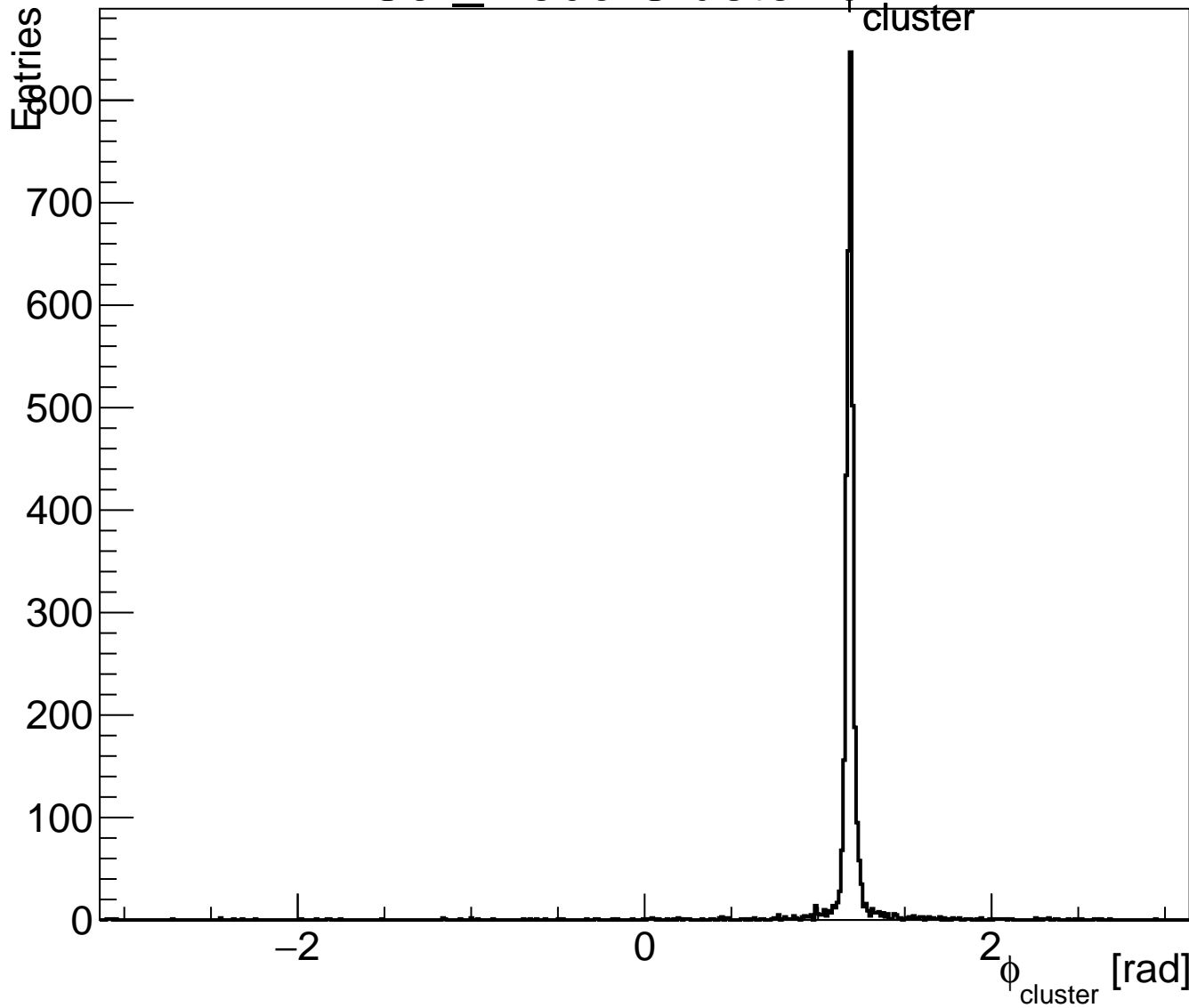
HCal_Reco Cluster position x,y



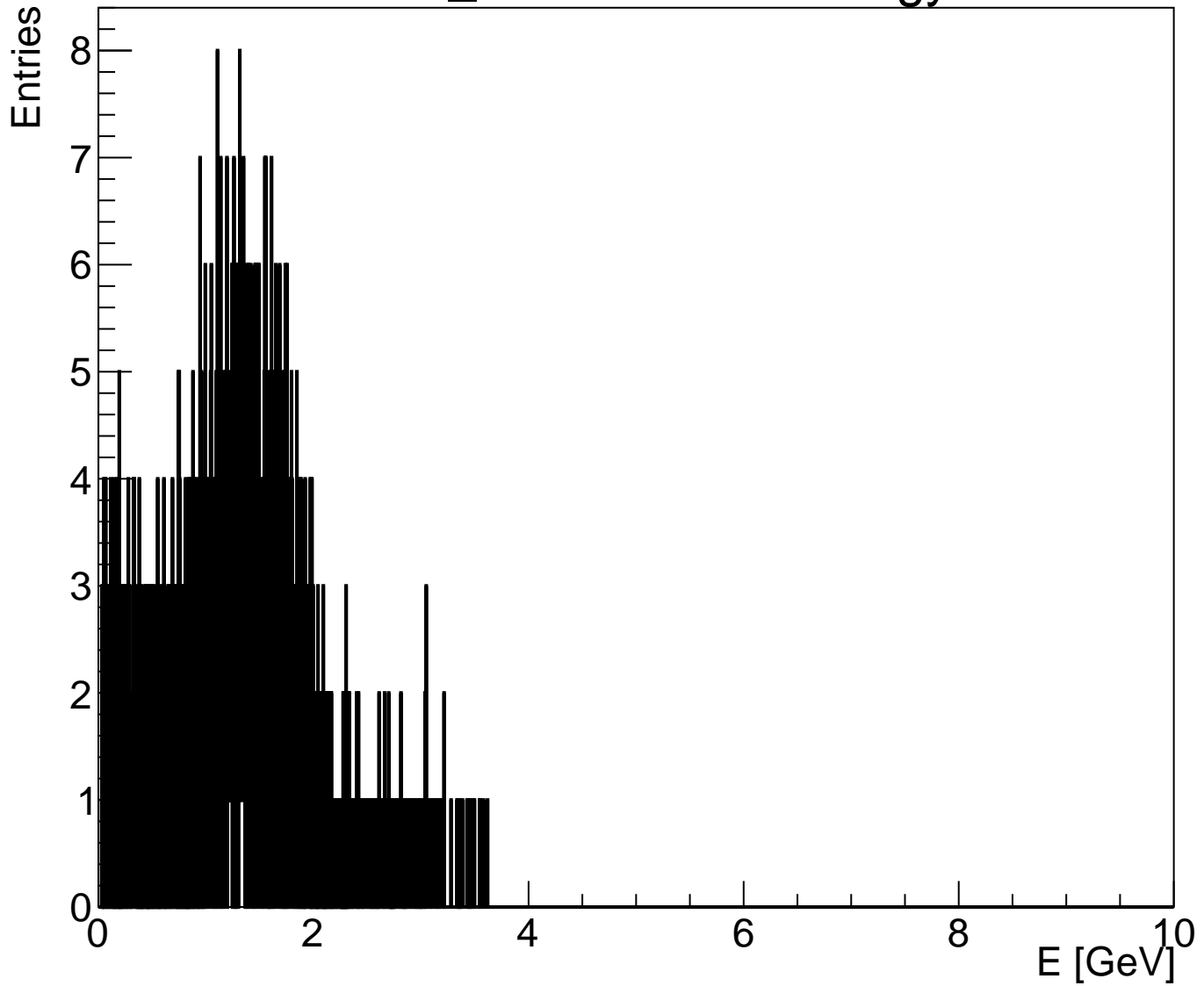
ECal_Reco Cluster θ_{cluster}



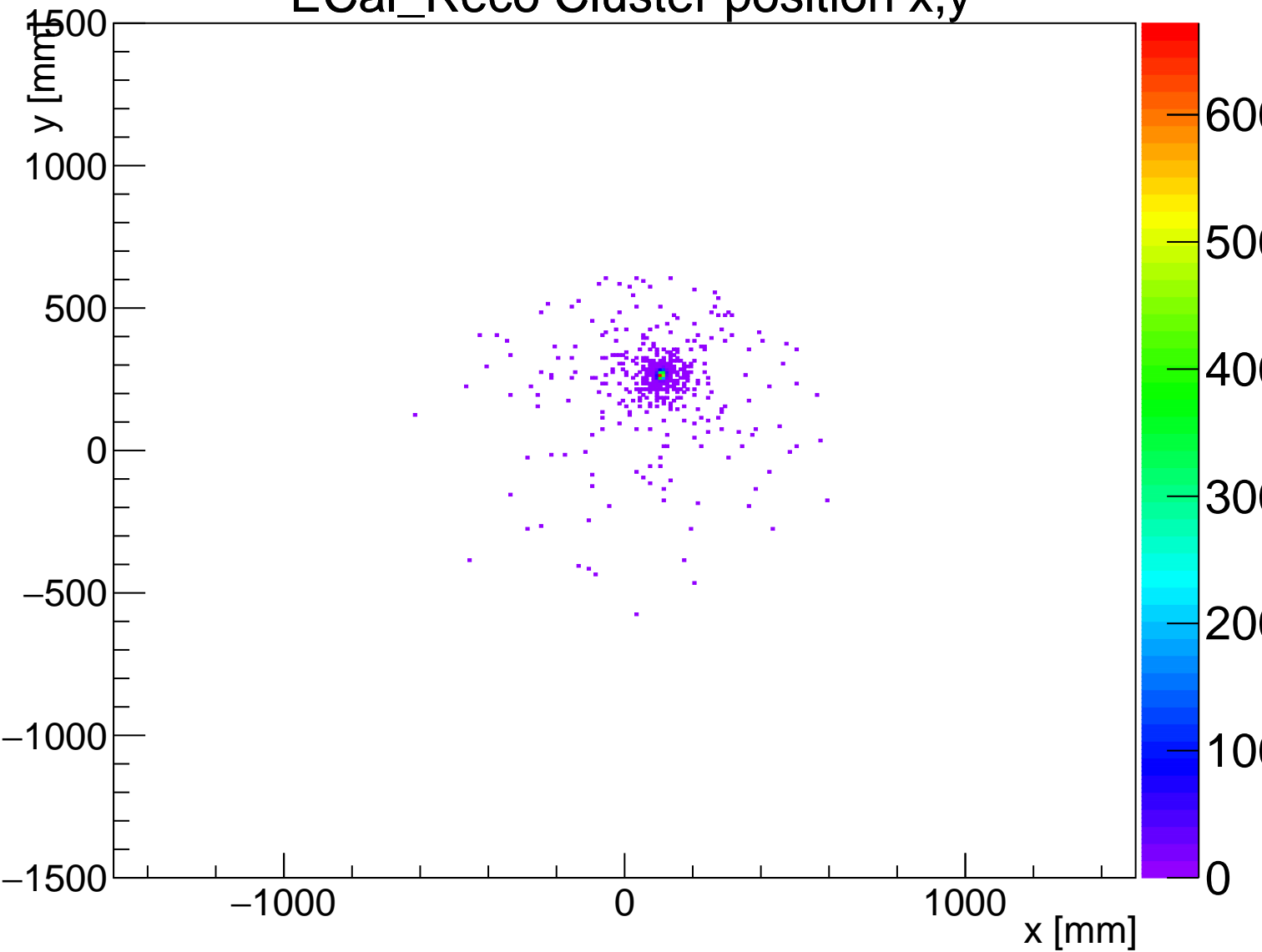
ECal_Reco Cluster ϕ



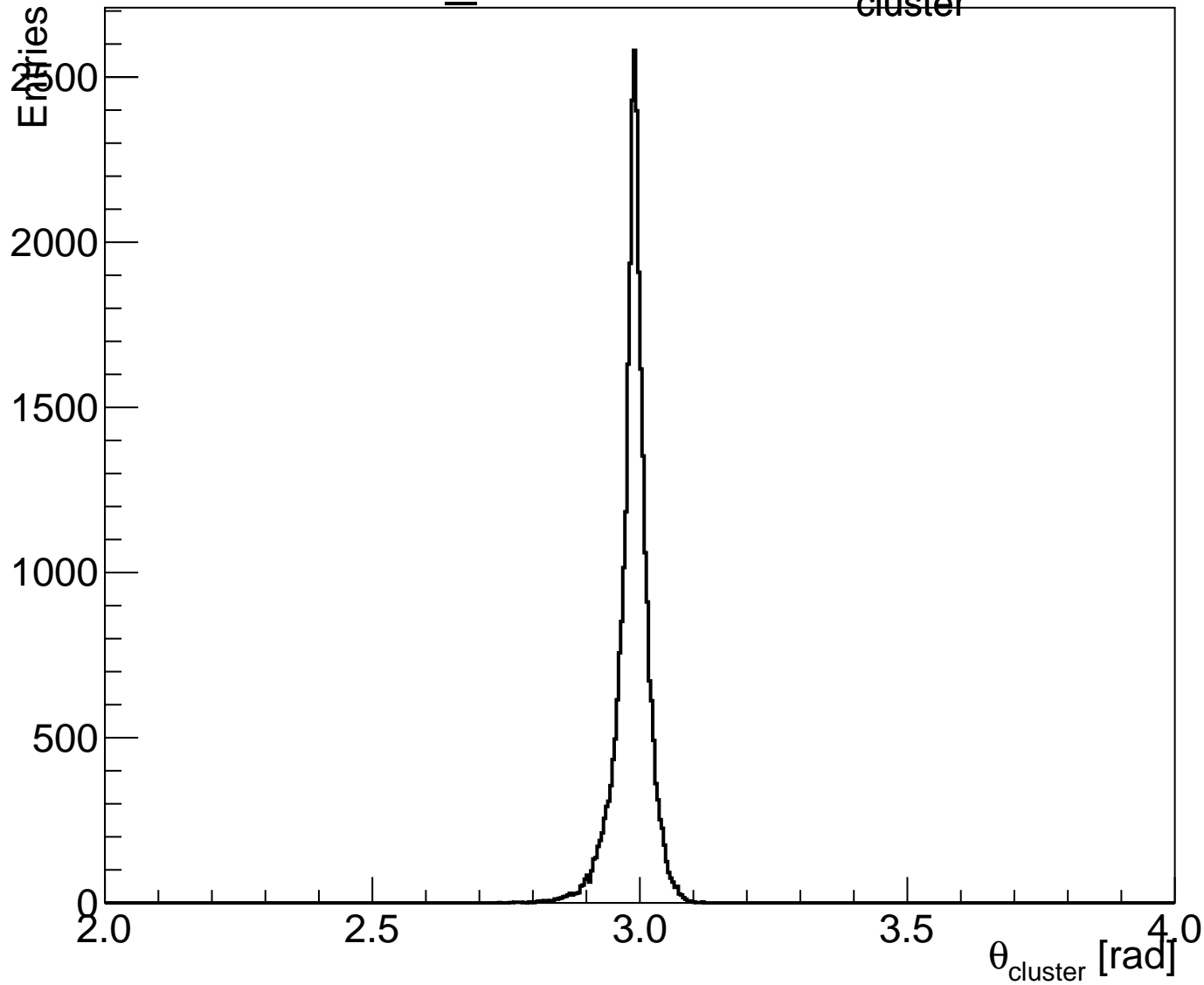
ECal_Reco Cluster energy



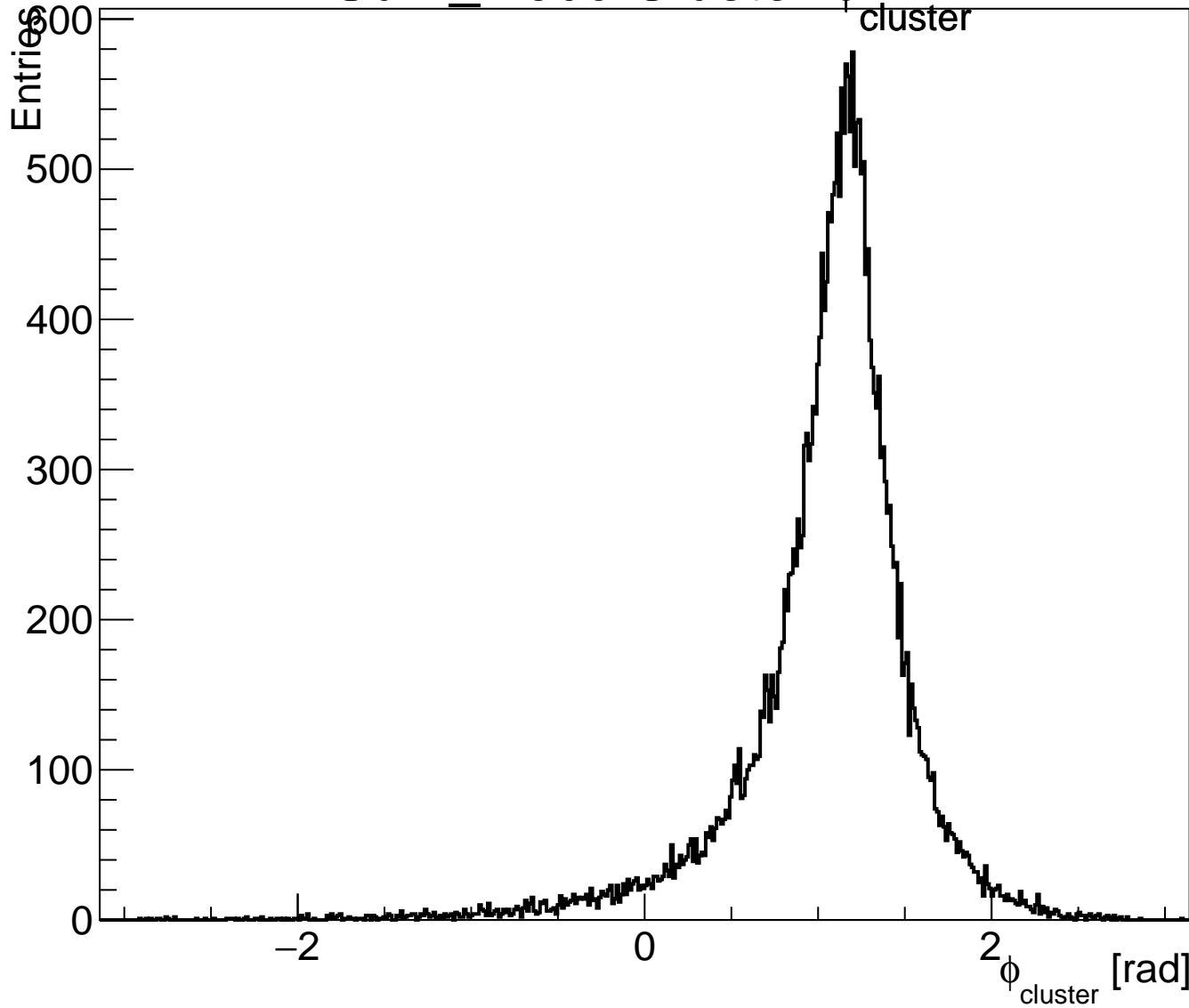
ECal_Reco Cluster position x,y



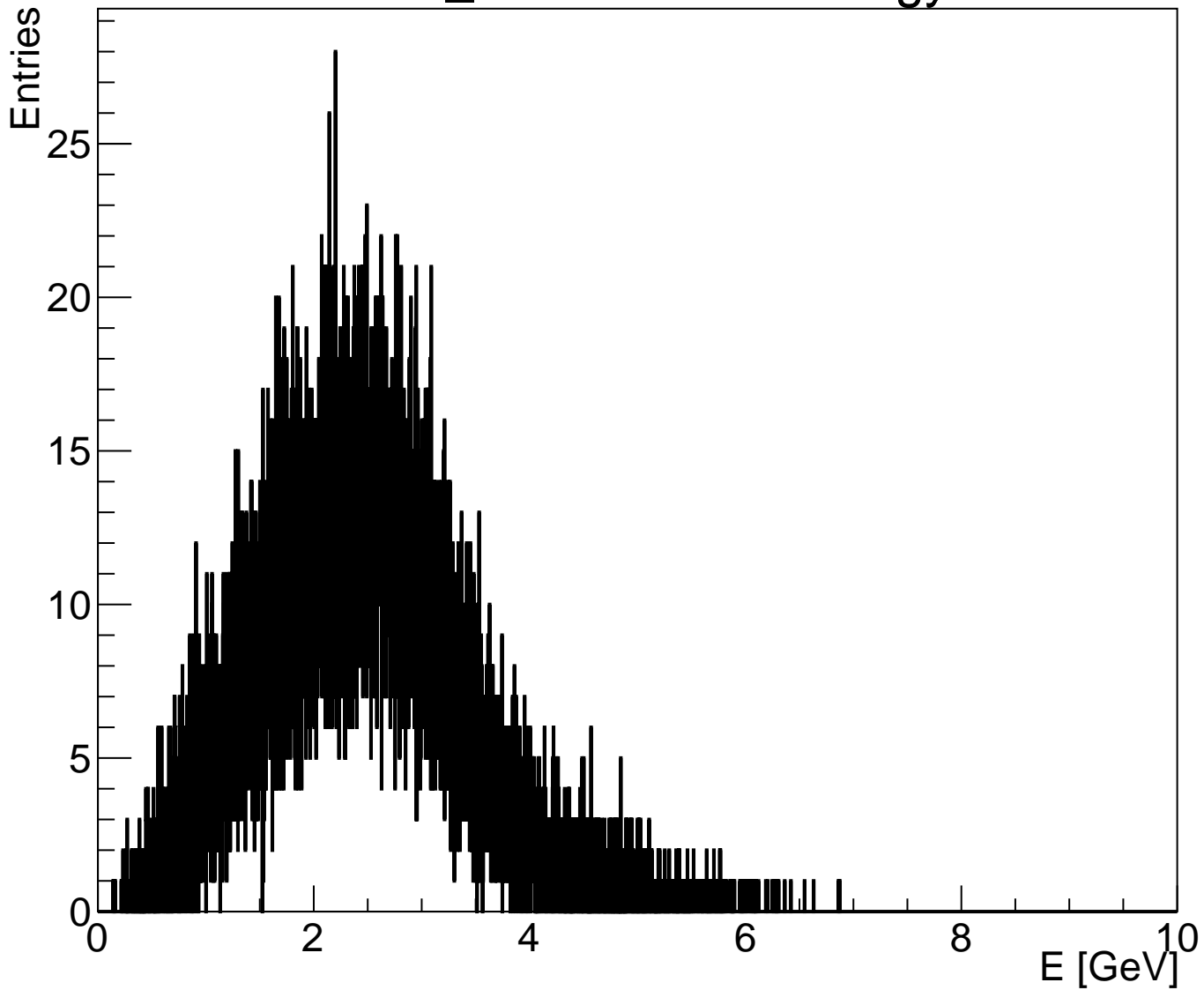
Sum_Reco Cluster θ_{cluster}



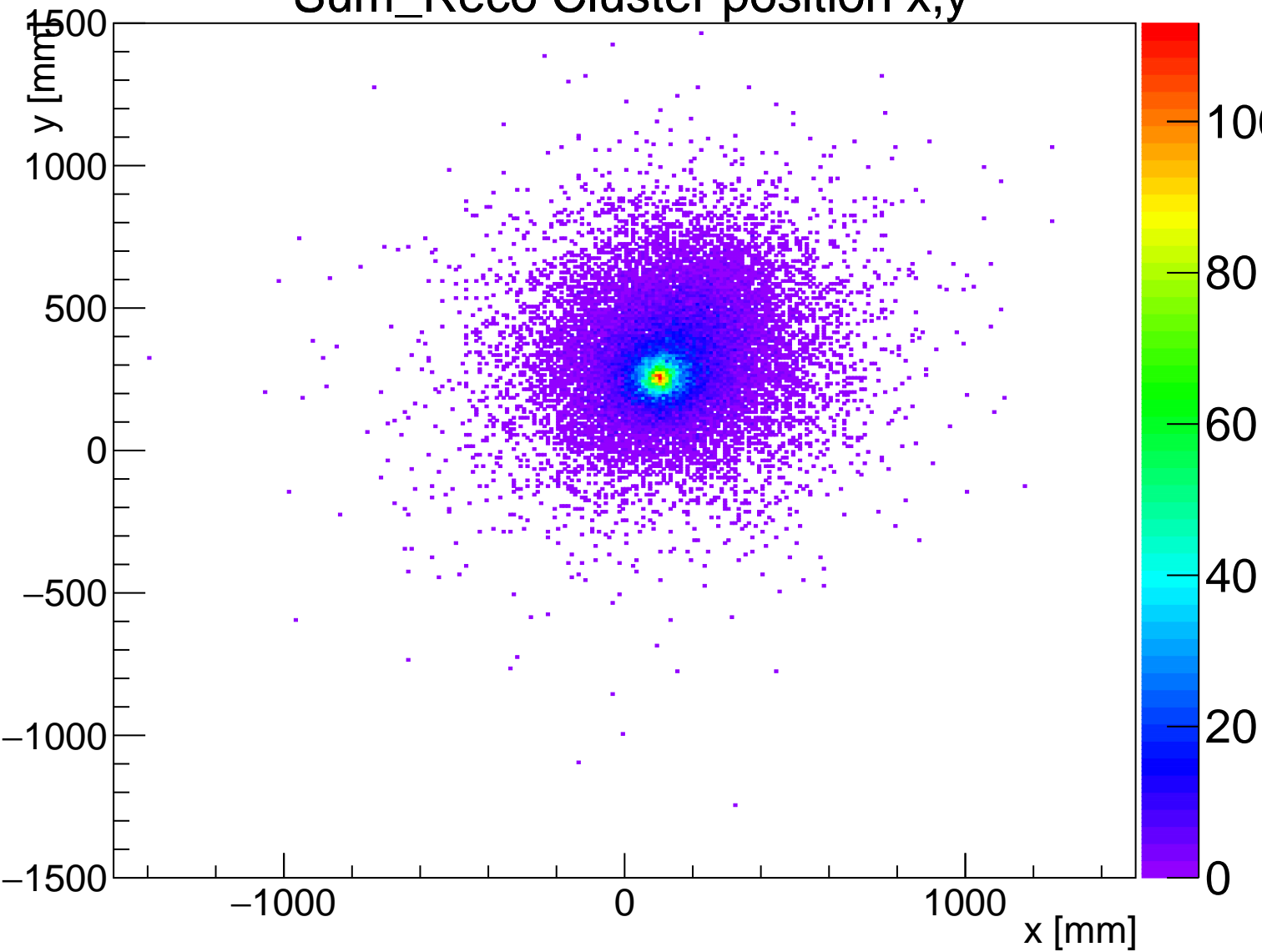
Sum_Reco Cluster ϕ



Sum_Reco Cluster energy



Sum_Reco Cluster position x,y



ECal, HCal, Sum ϕ Resolution

Entries

1000

800

600

400

200

0

-0.4

-0.2

0.0

0.2

$\Delta\phi/\phi$

— ECal

— HCal

— Sum

χ^2 / ndf

82.1 / 30

Area

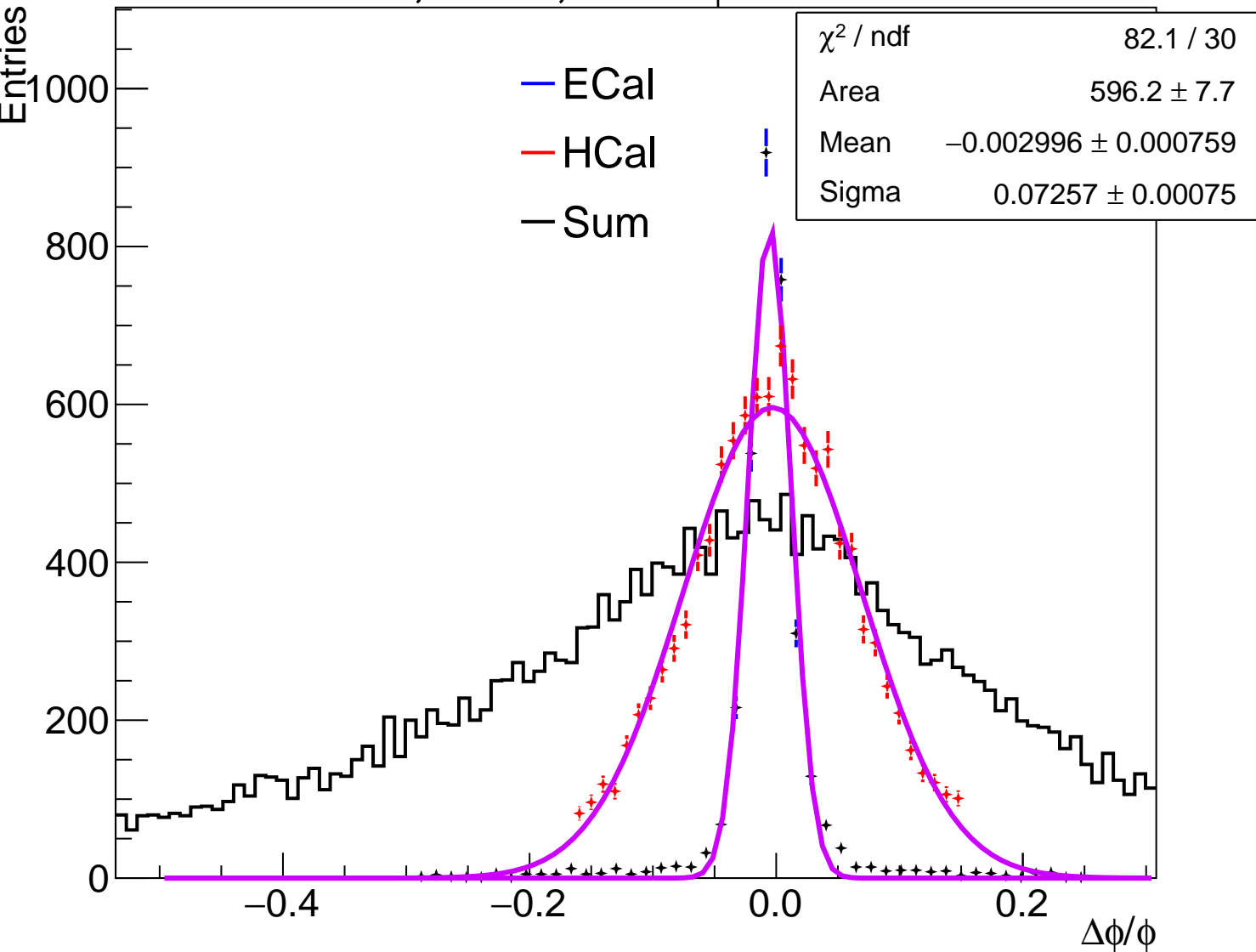
596.2 ± 7.7

Mean

-0.002996 ± 0.000759

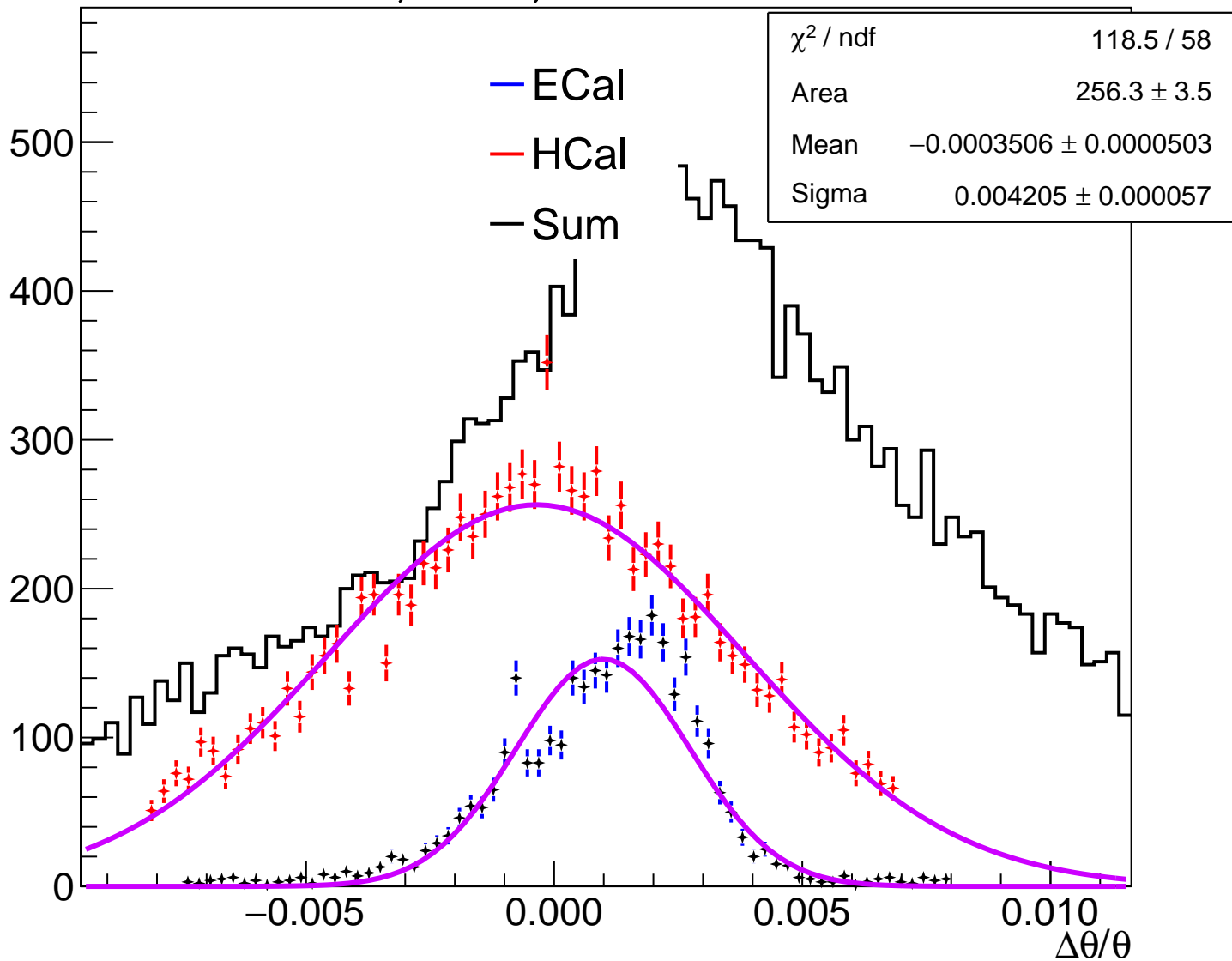
Sigma

0.07257 ± 0.00075

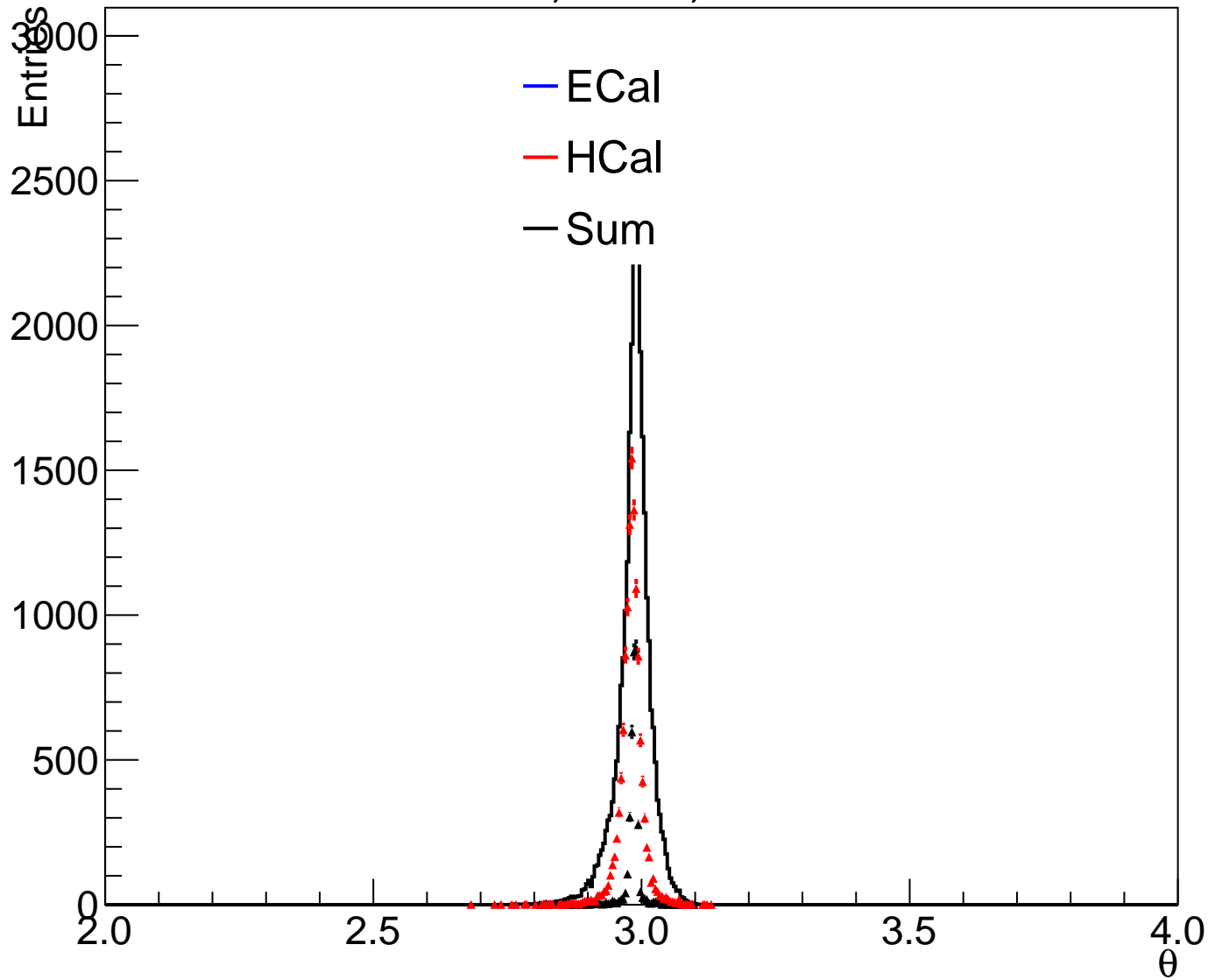


ECal, HCal, Sum θ Resolution

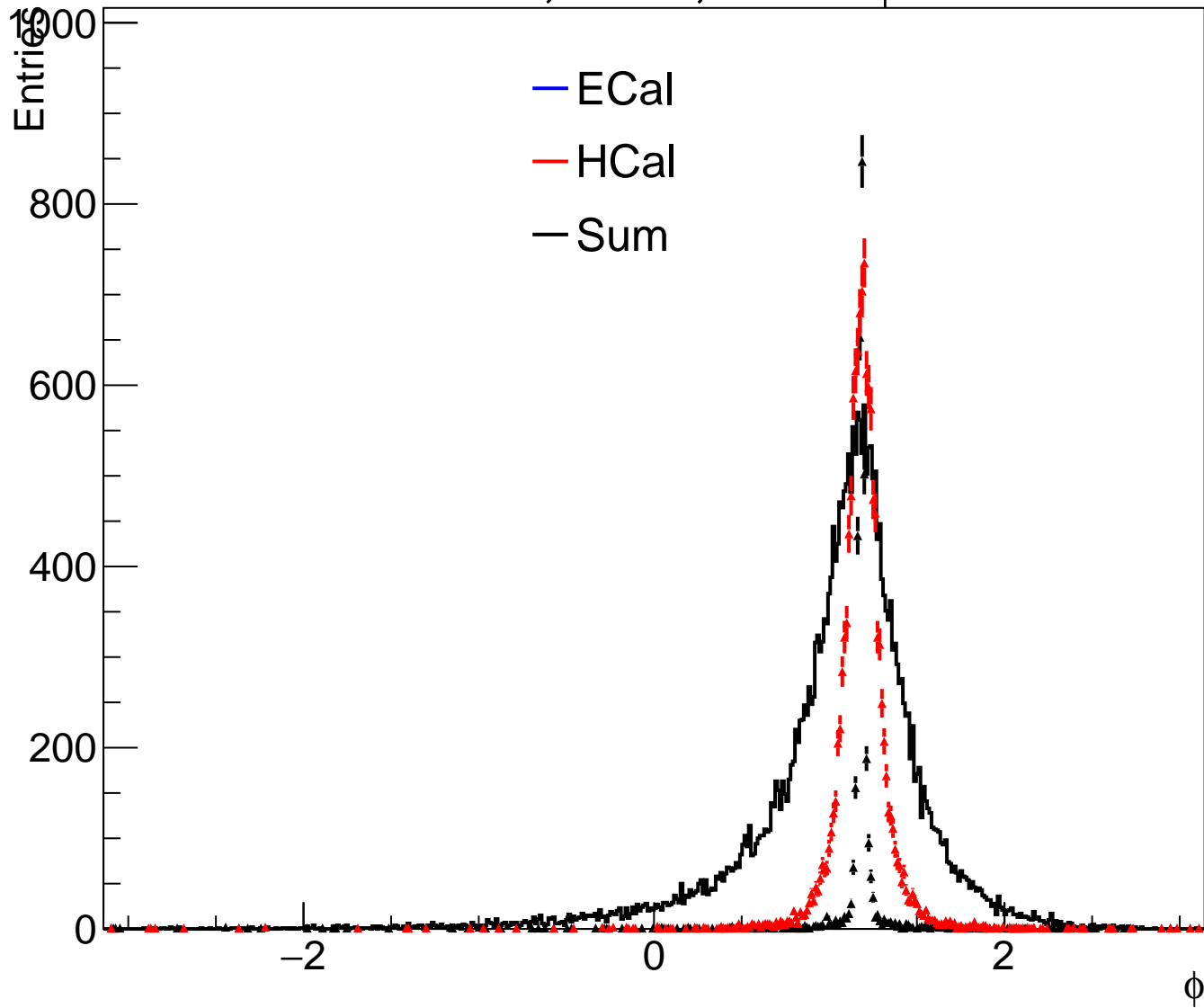
Entries



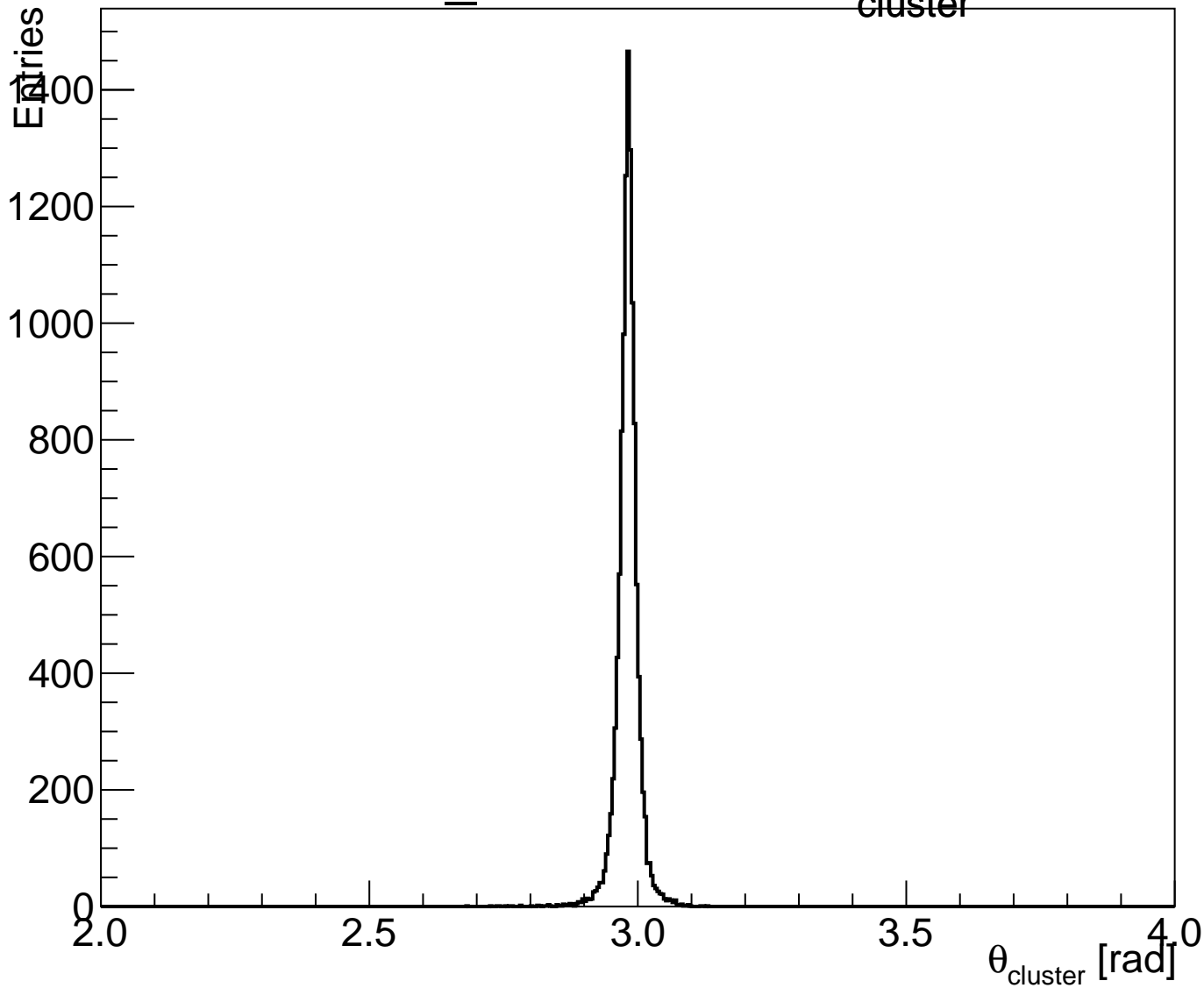
ECal, HCal, Sum θ



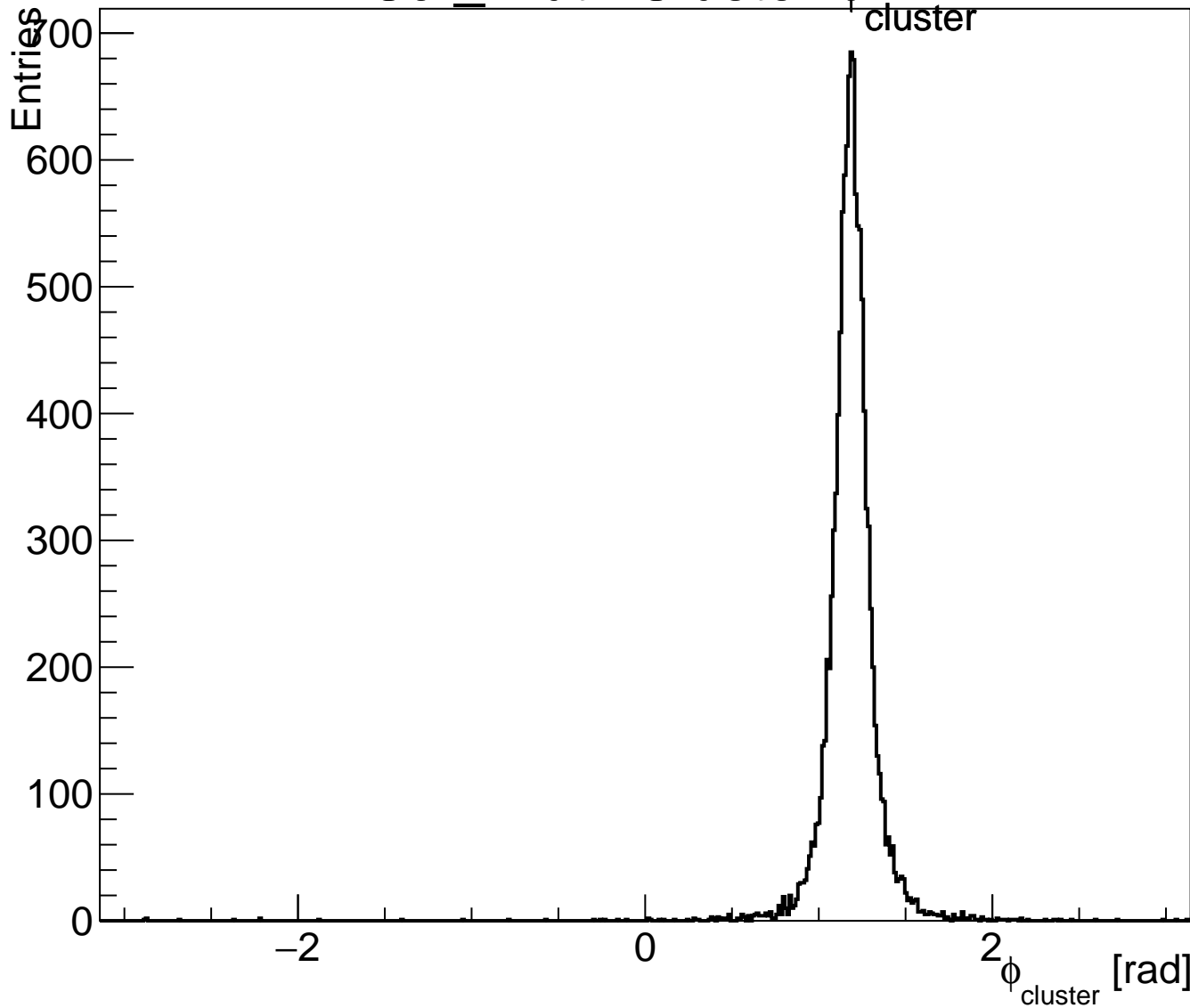
ECal, HCal, Sum ϕ



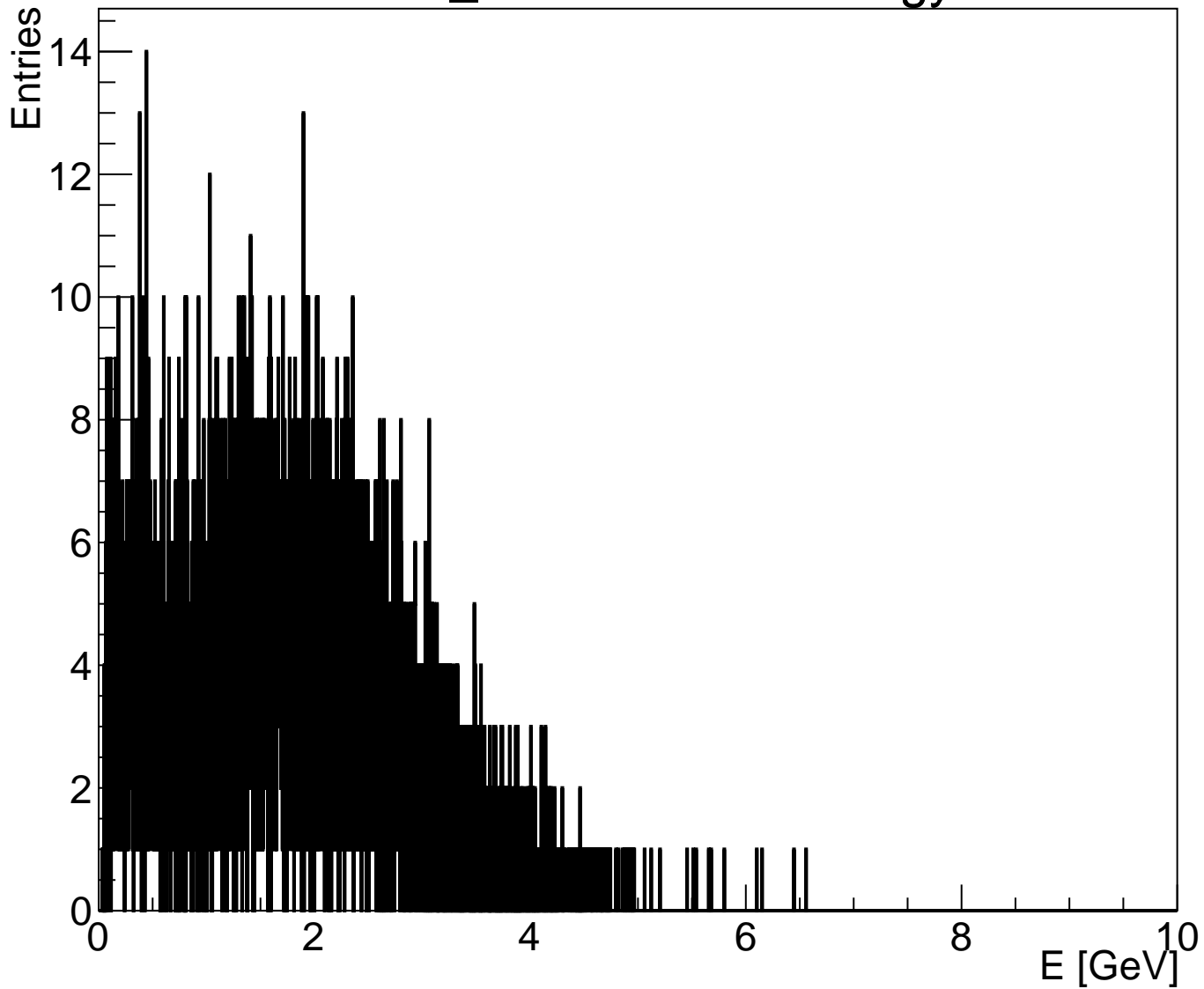
HCal_Truth Cluster θ_{cluster}



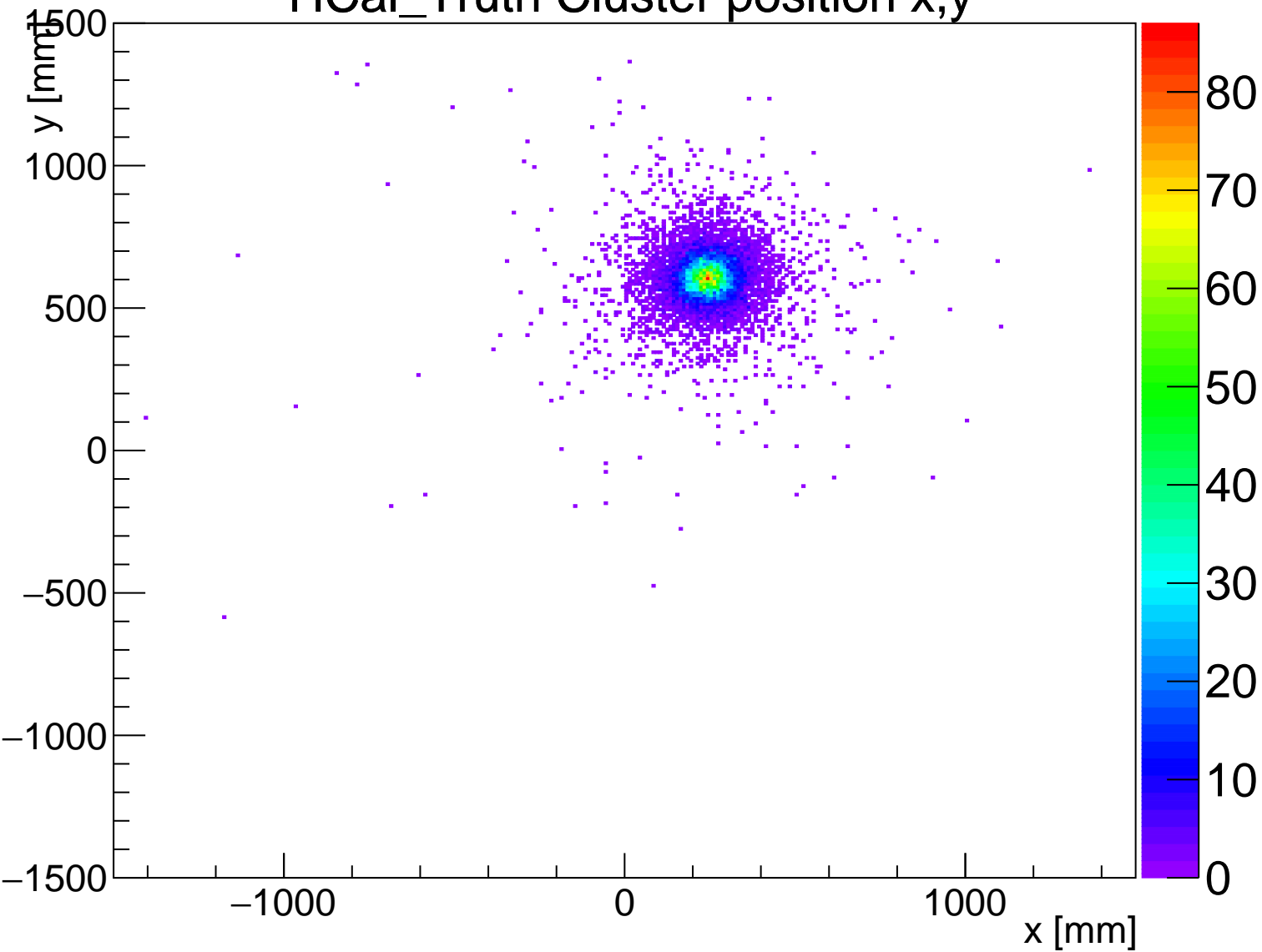
HCal_Truth Cluster ϕ



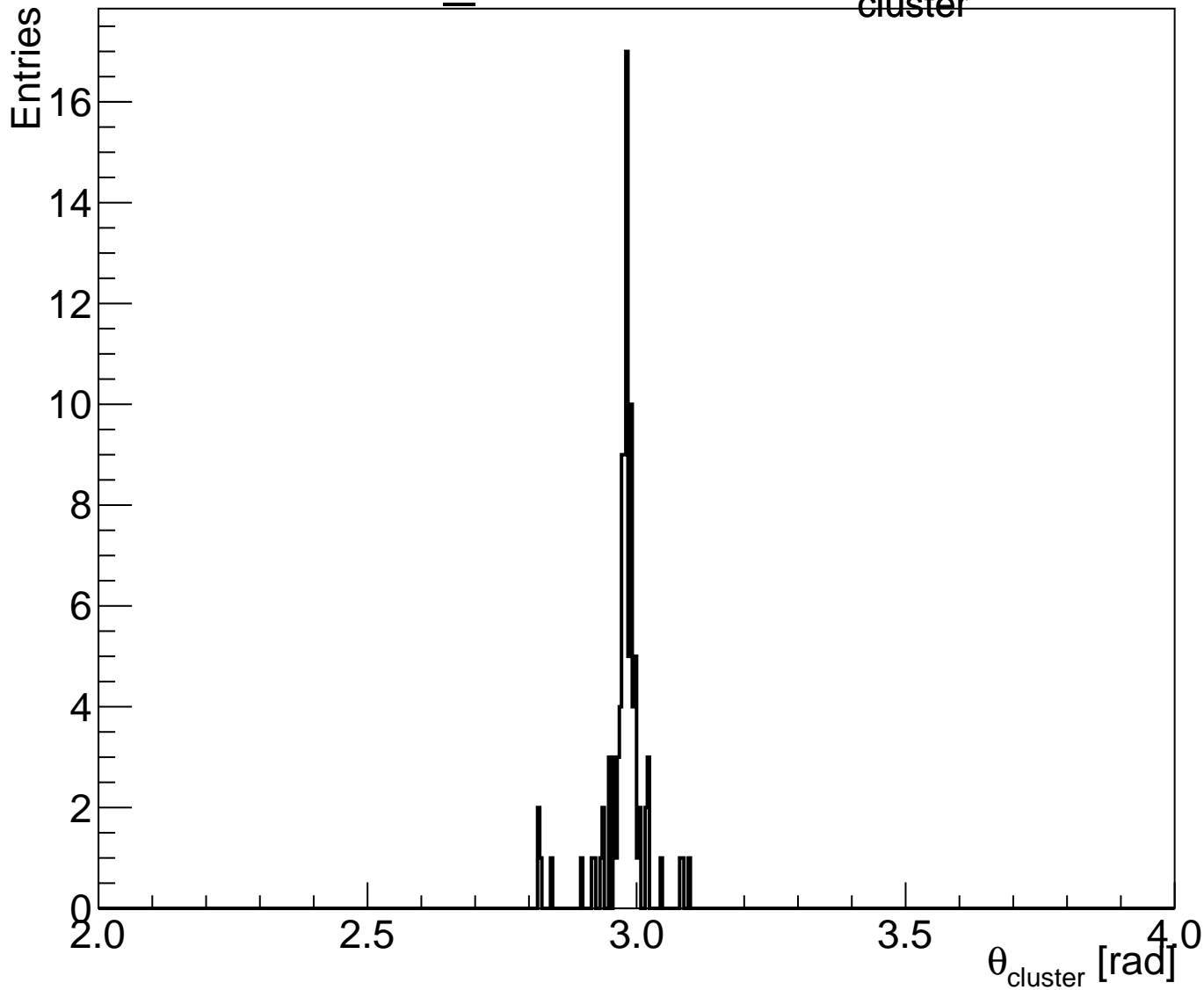
HCal_Truth Cluster energy



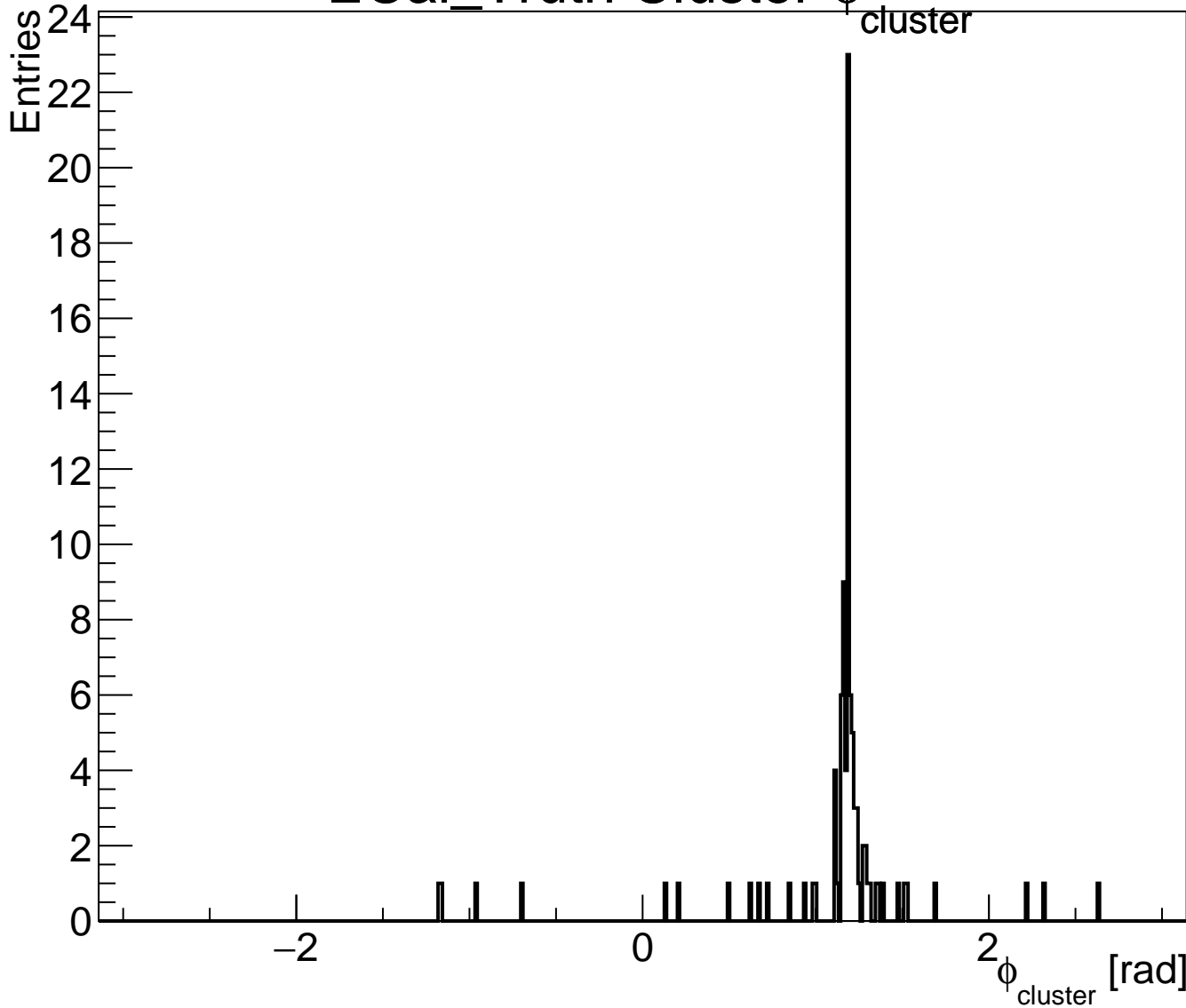
HCal_Truth Cluster position x,y



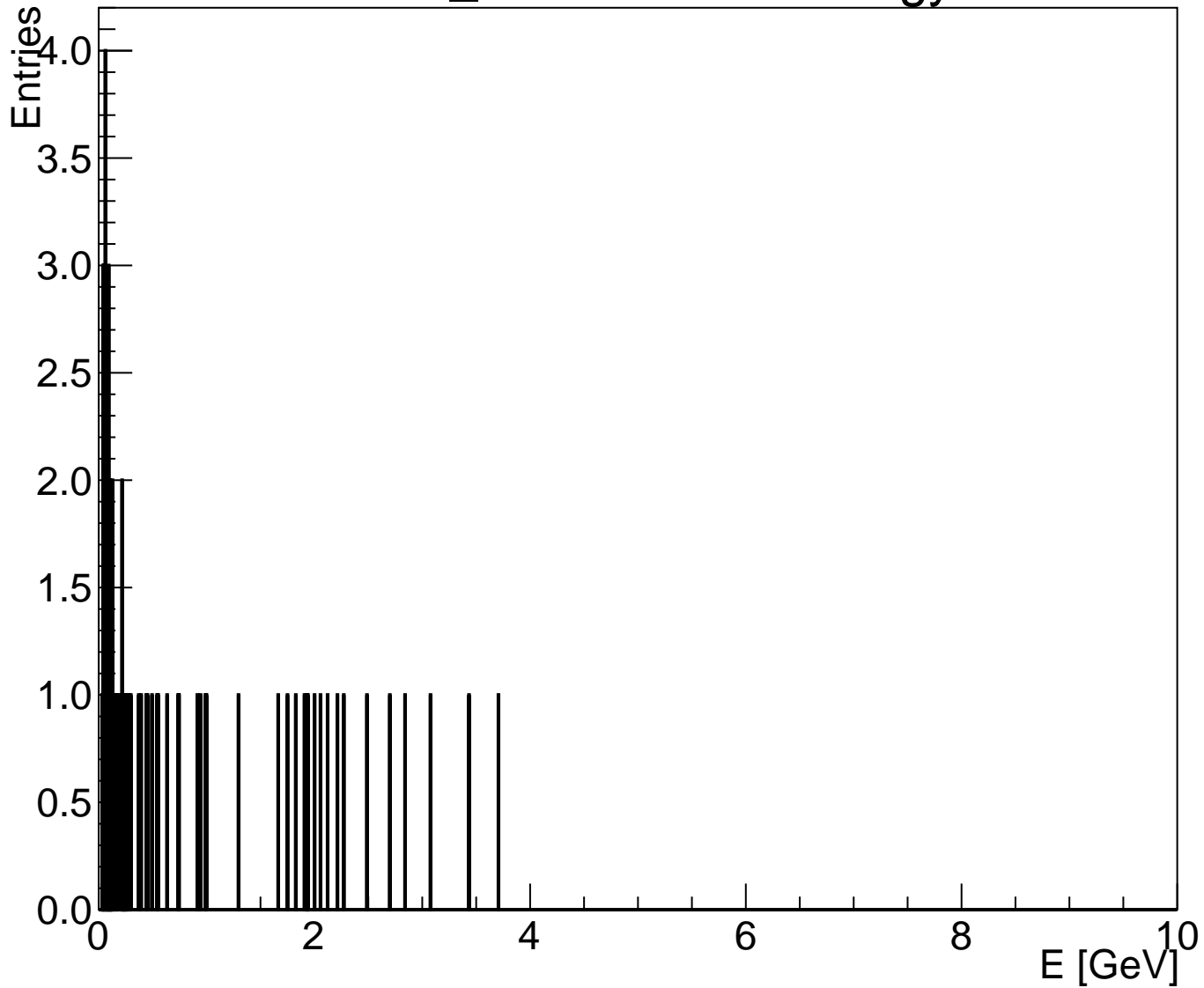
ECal_Truth Cluster θ_{cluster}



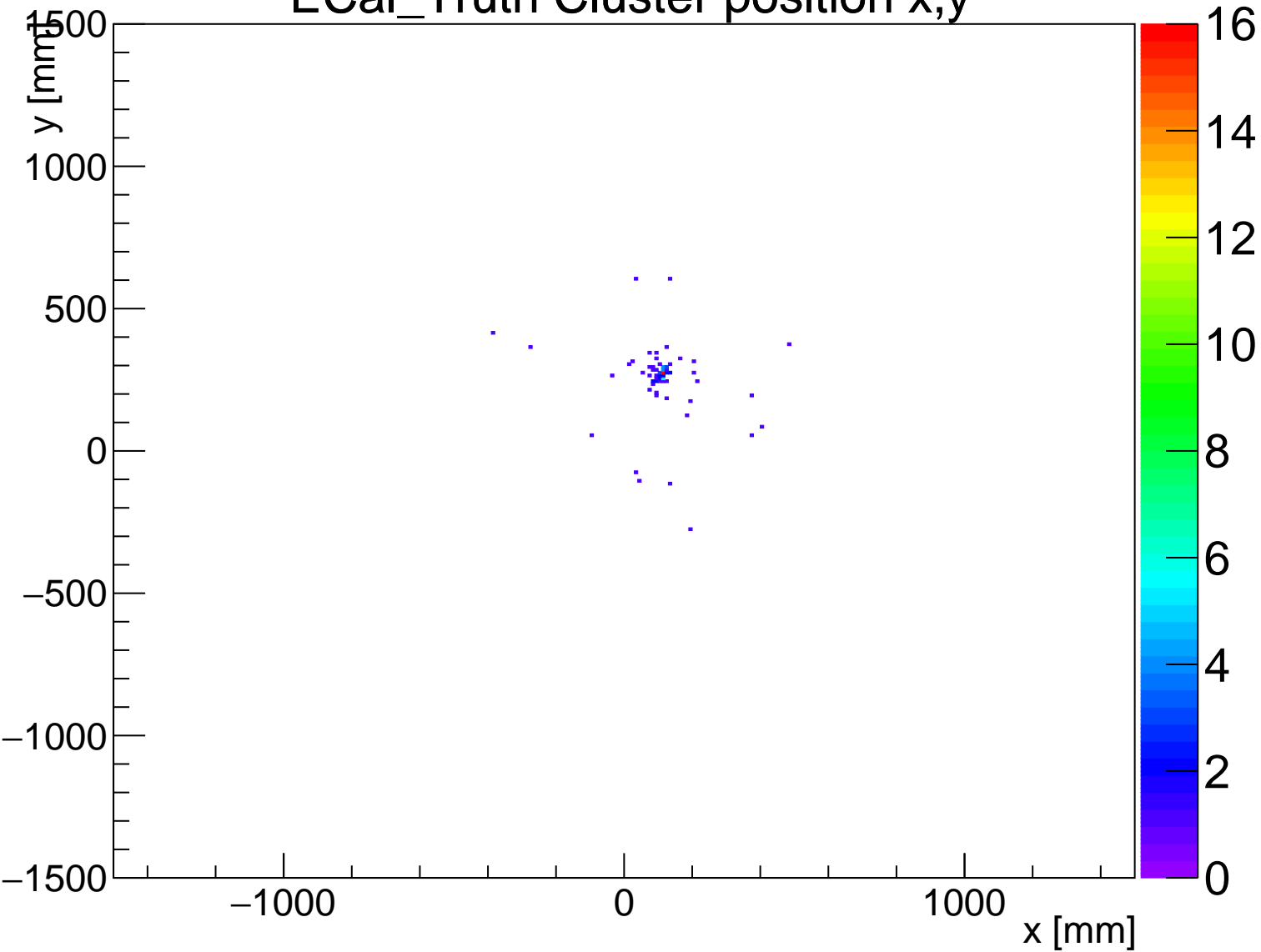
ECal_Truth Cluster ϕ



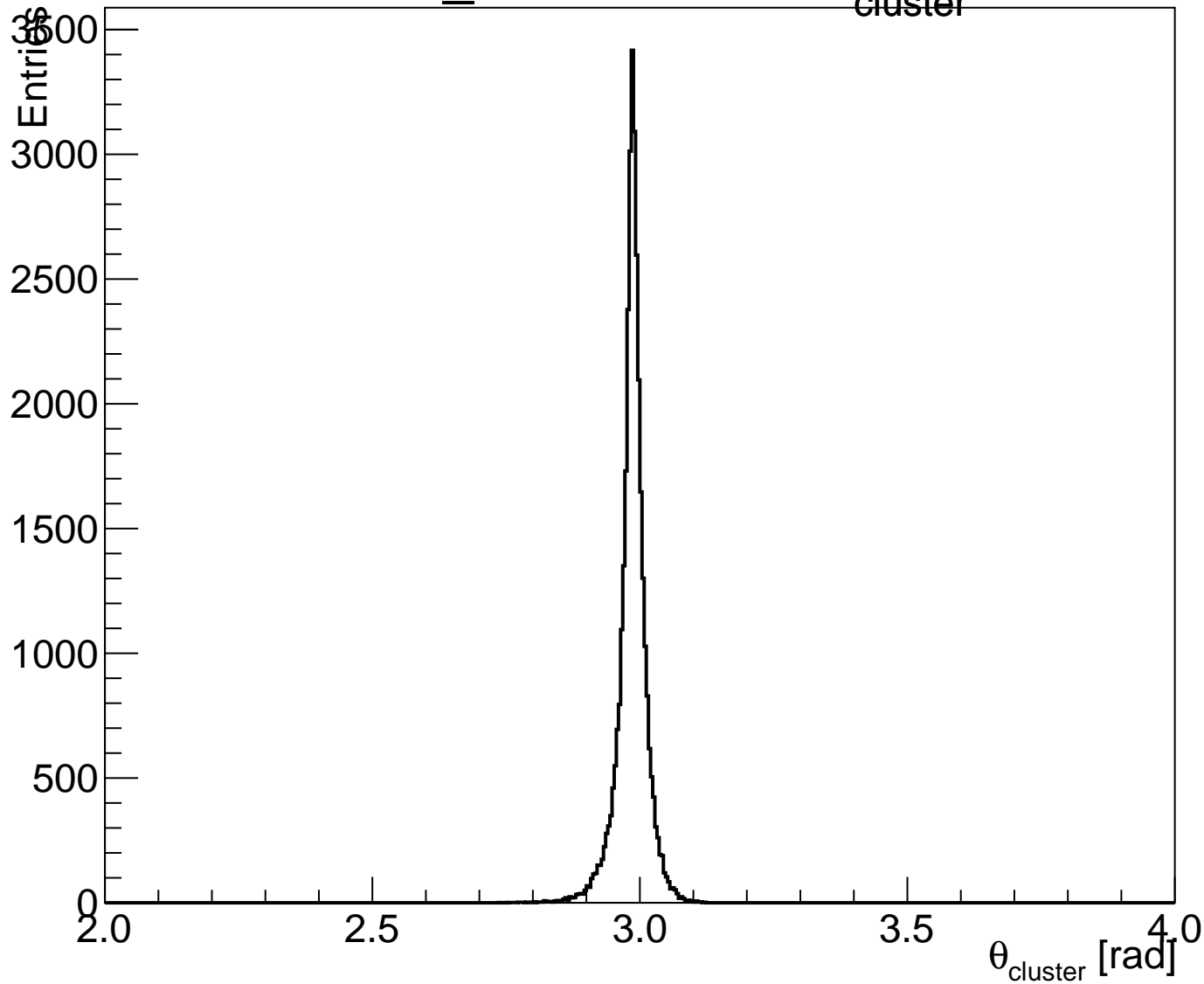
ECal_Truth Cluster energy



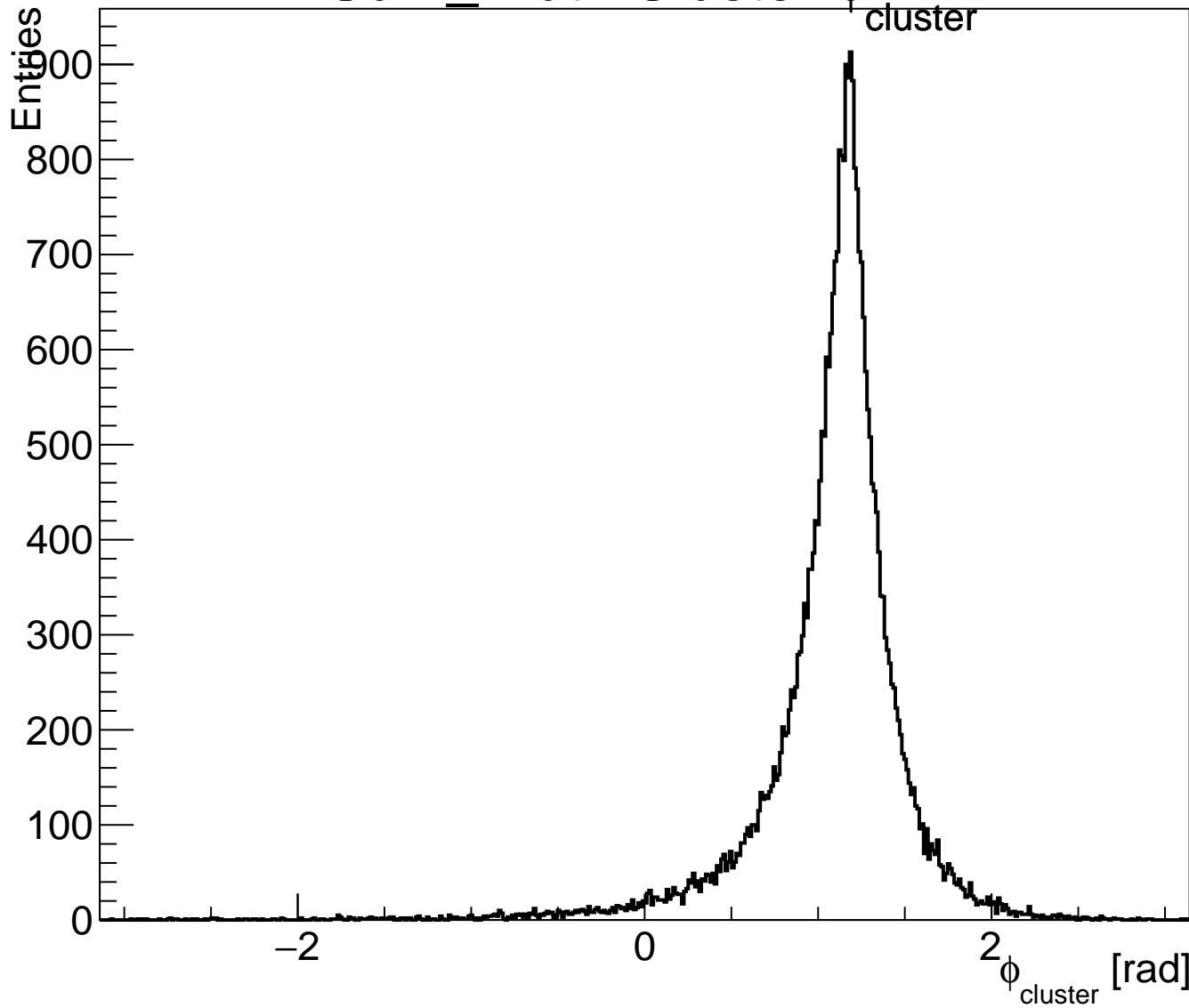
ECal_Truth Cluster position x,y



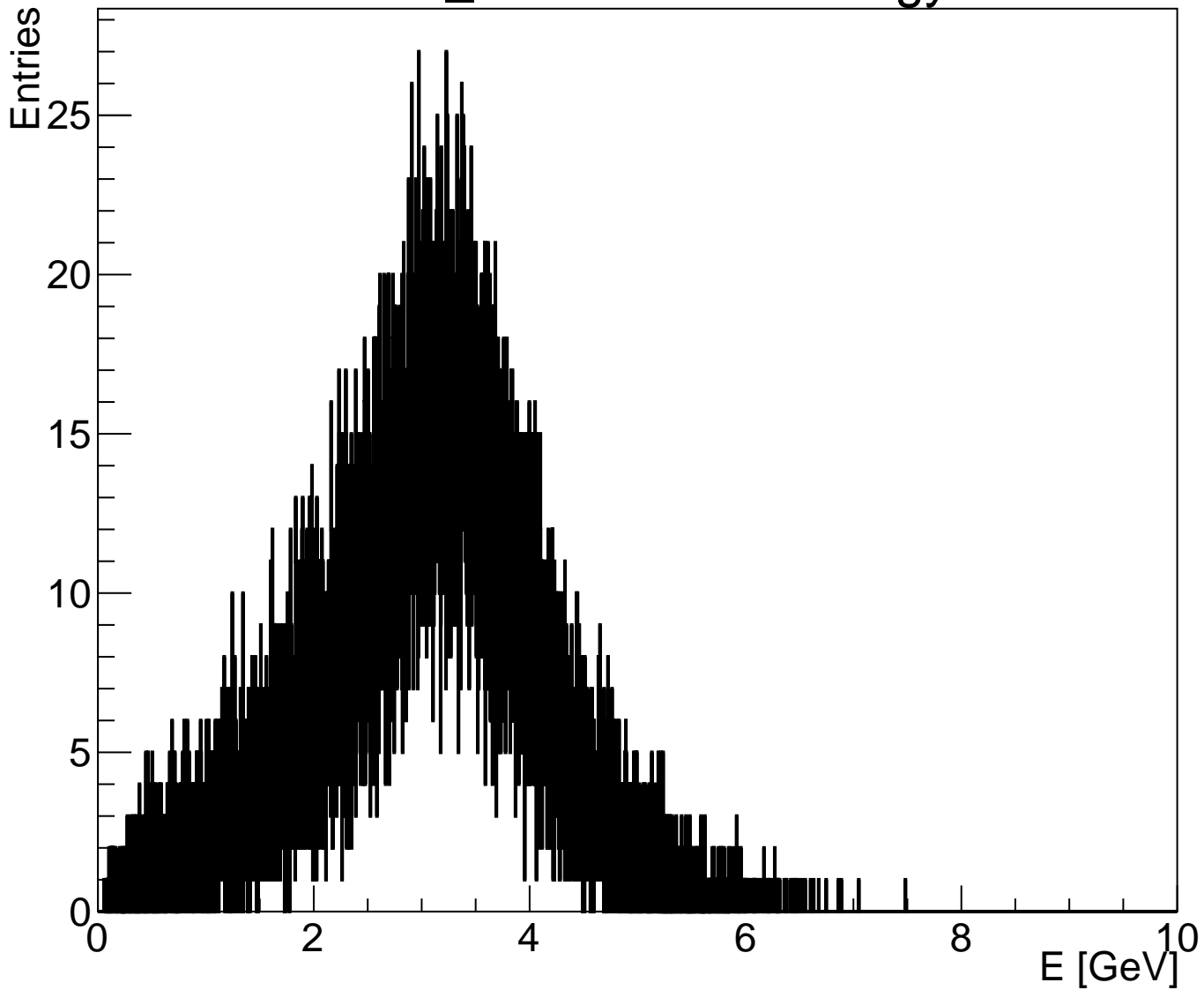
Sum_Truth Cluster θ_{cluster}



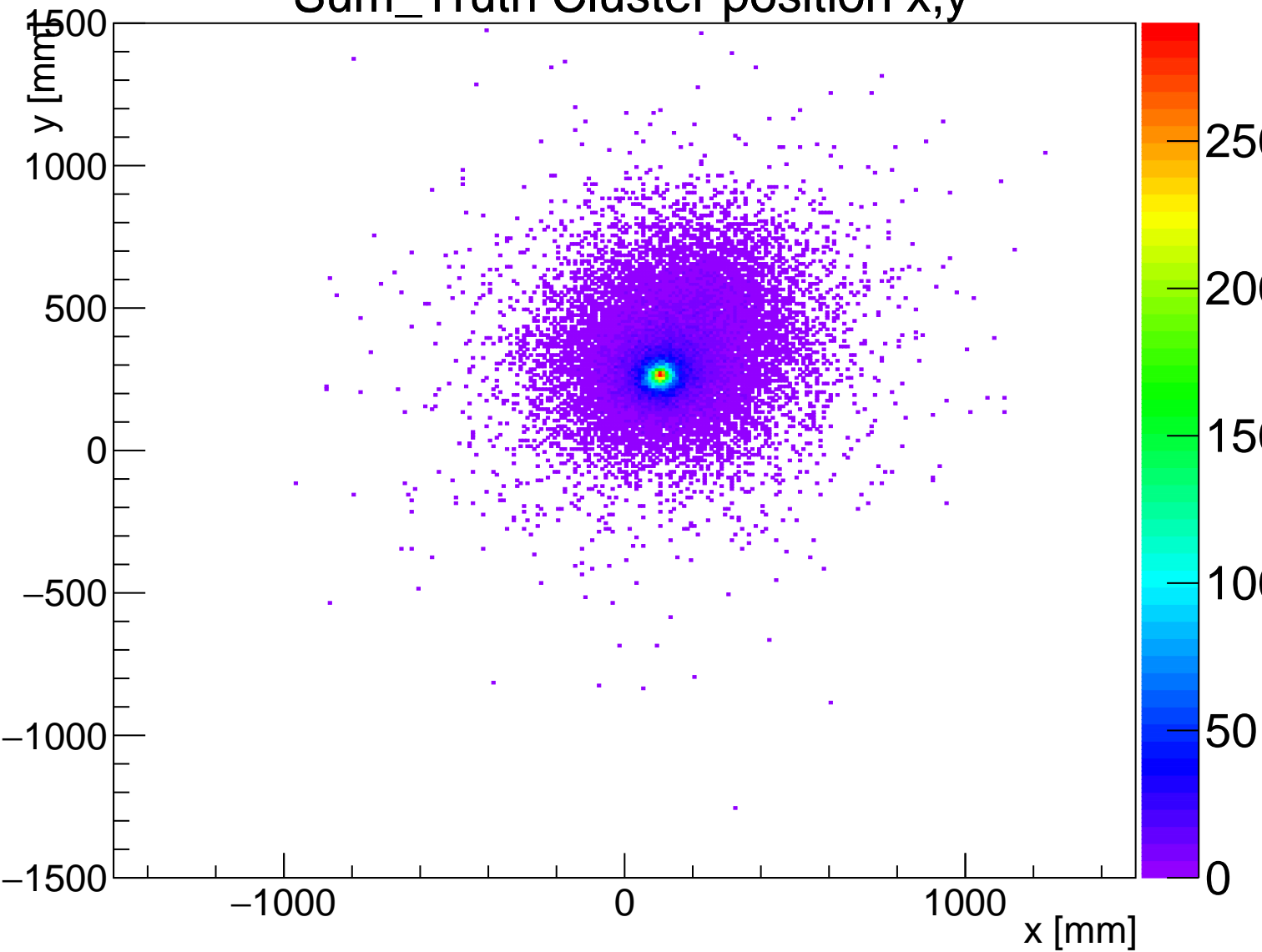
Sum_Truth Cluster ϕ



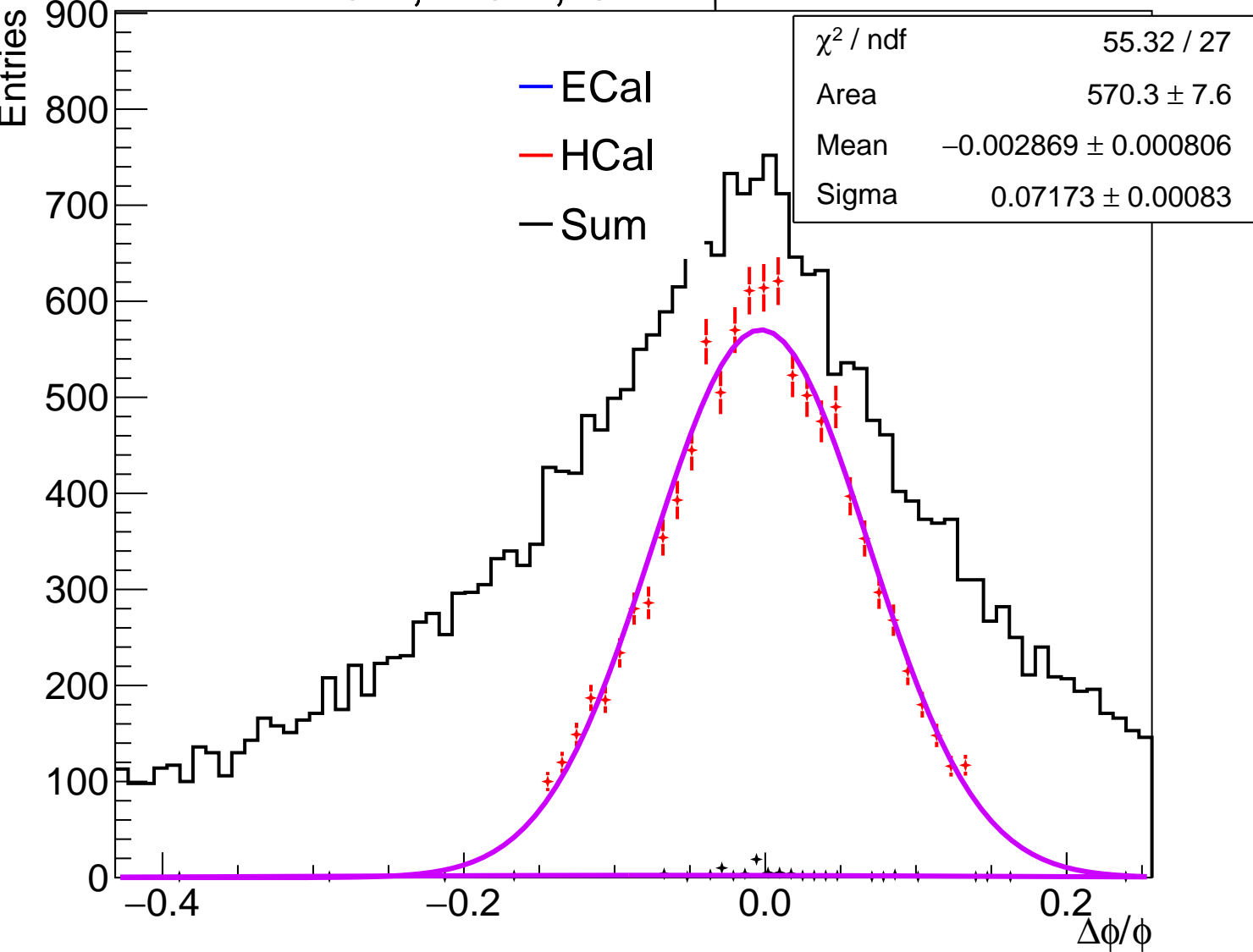
Sum_Truth Cluster energy



Sum_Truth Cluster position x,y



ECal, HCal, Sum ϕ Resolution



ECal, HCal, Sum θ Resolution

Entries

— ECal

— HCal

— Sum

χ^2 / ndf

82.9 / 48

Area

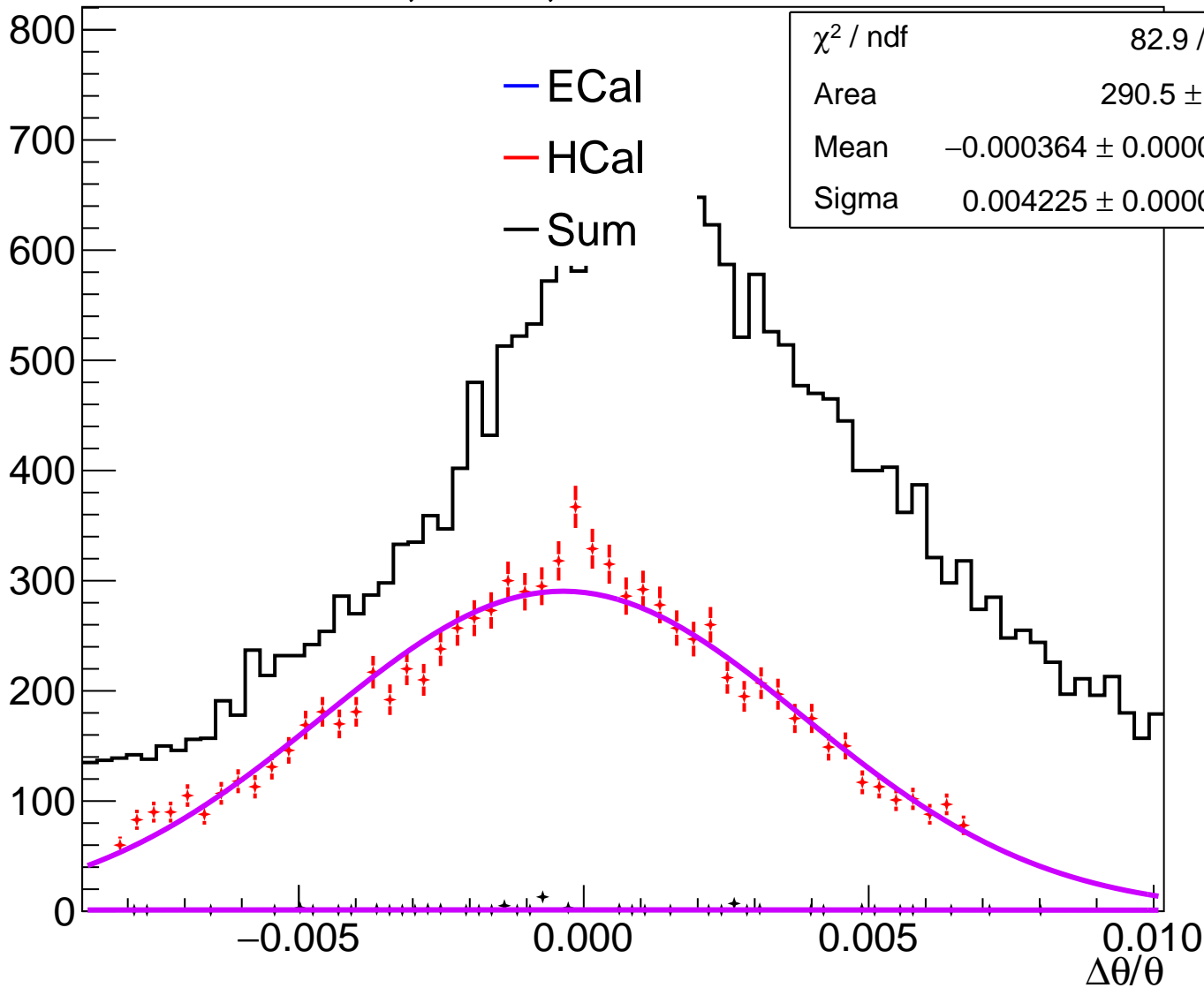
290.5 ± 4.1

Mean

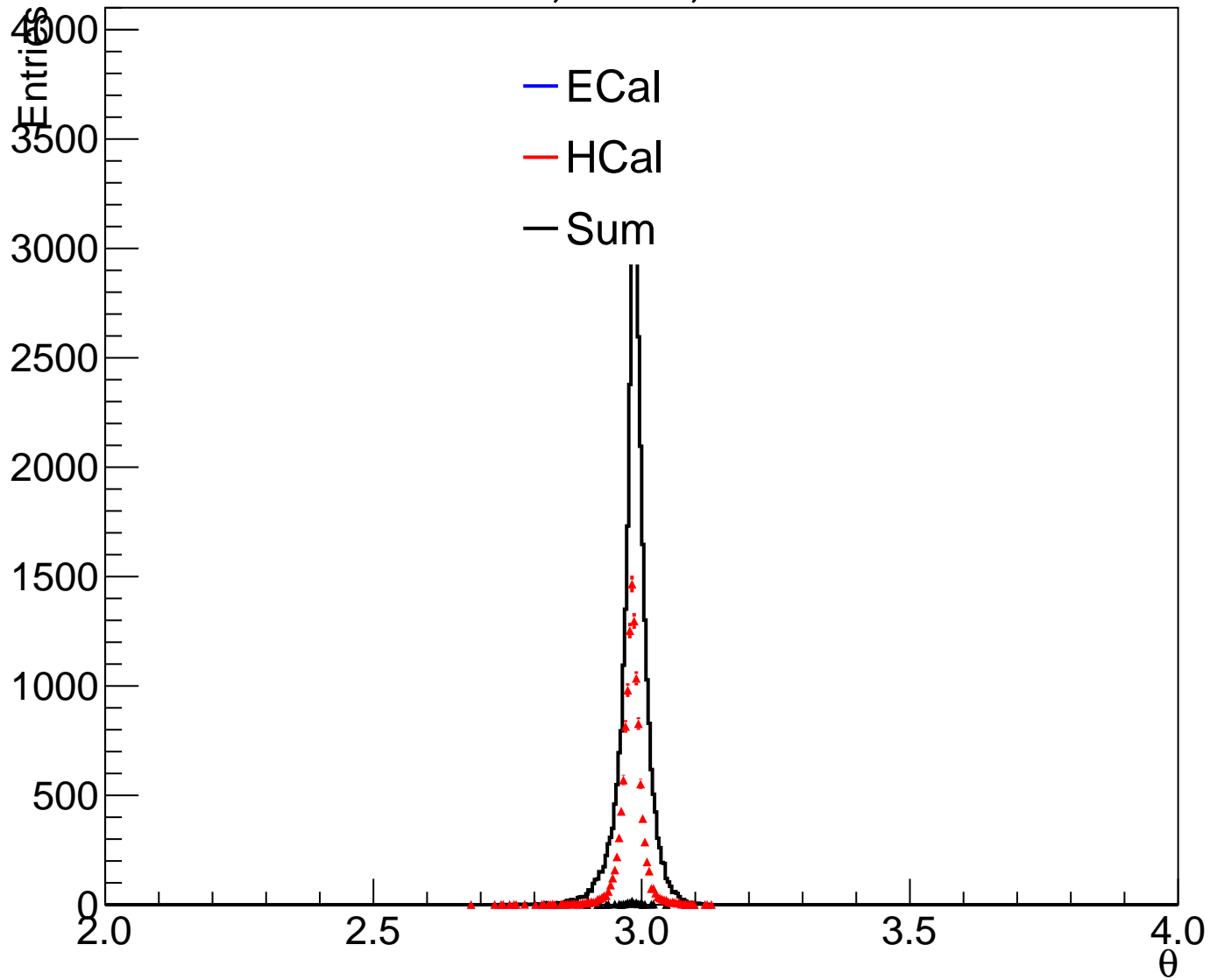
-0.000364 ± 0.000052

Sigma

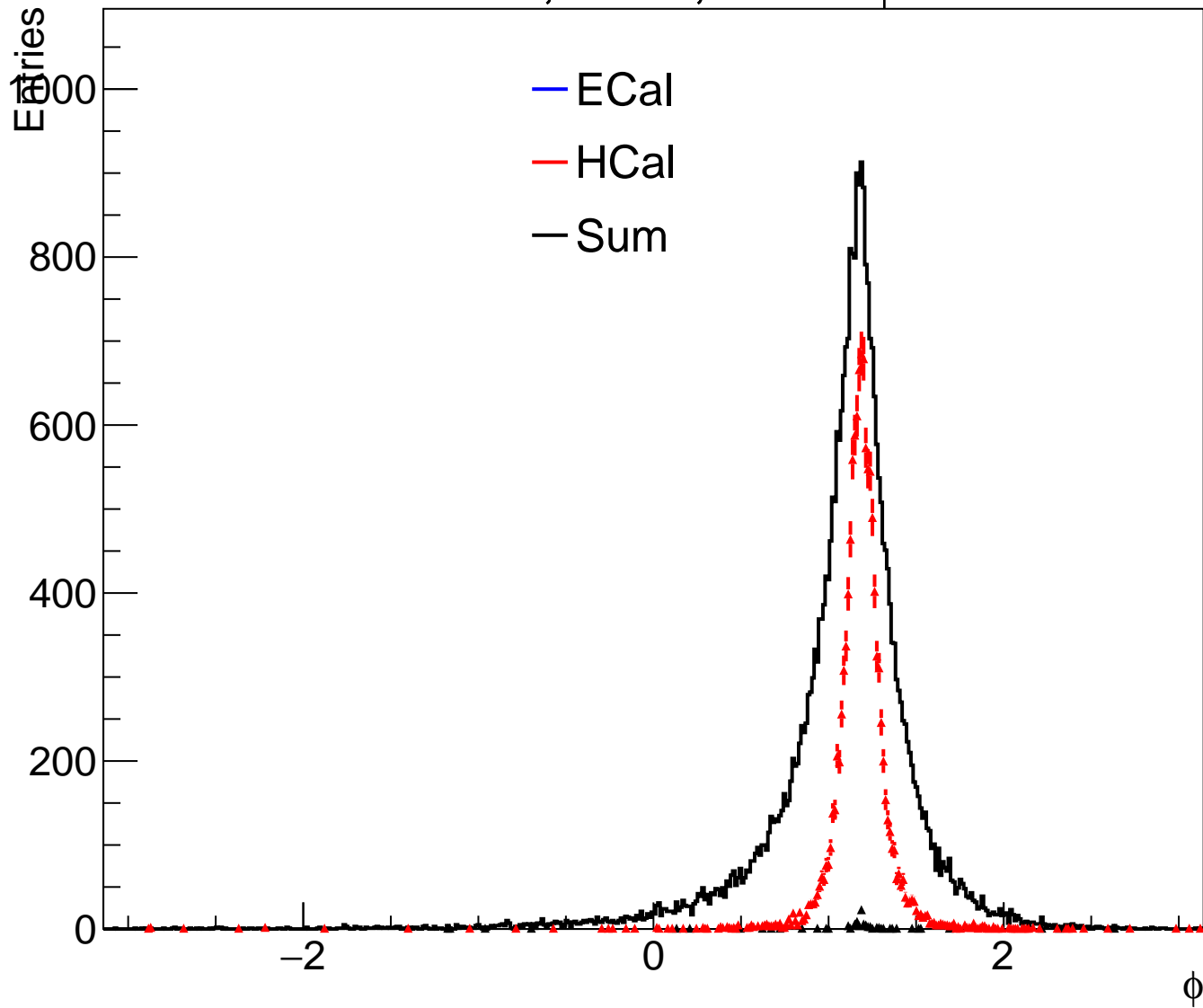
0.004225 ± 0.000059



ECal, HCal, Sum θ



ECal, HCal, Sum ϕ



FWHM values

