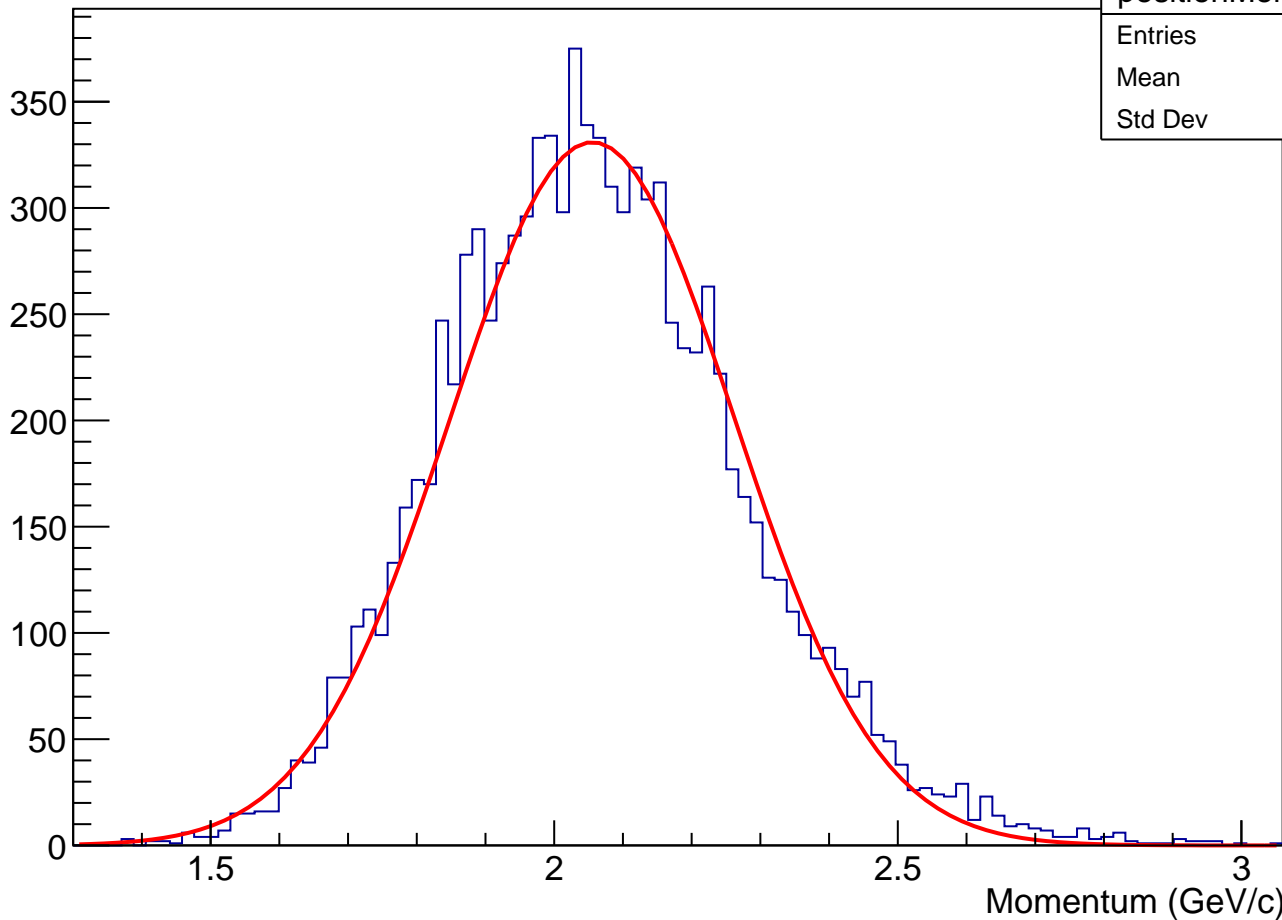


Momentum Distribution (Resolution = 5 μm)

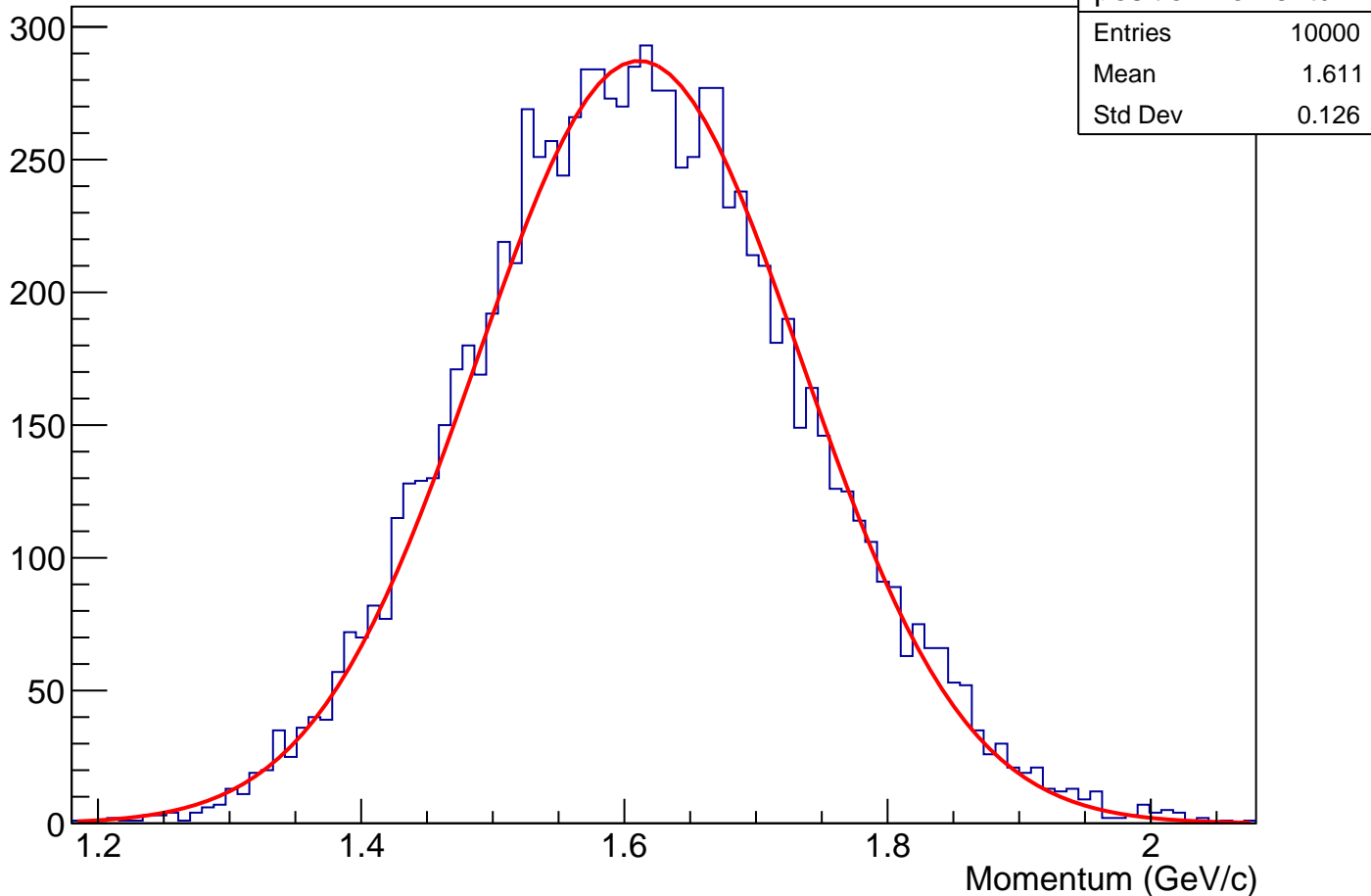
Counts



Momentum (GeV/c)

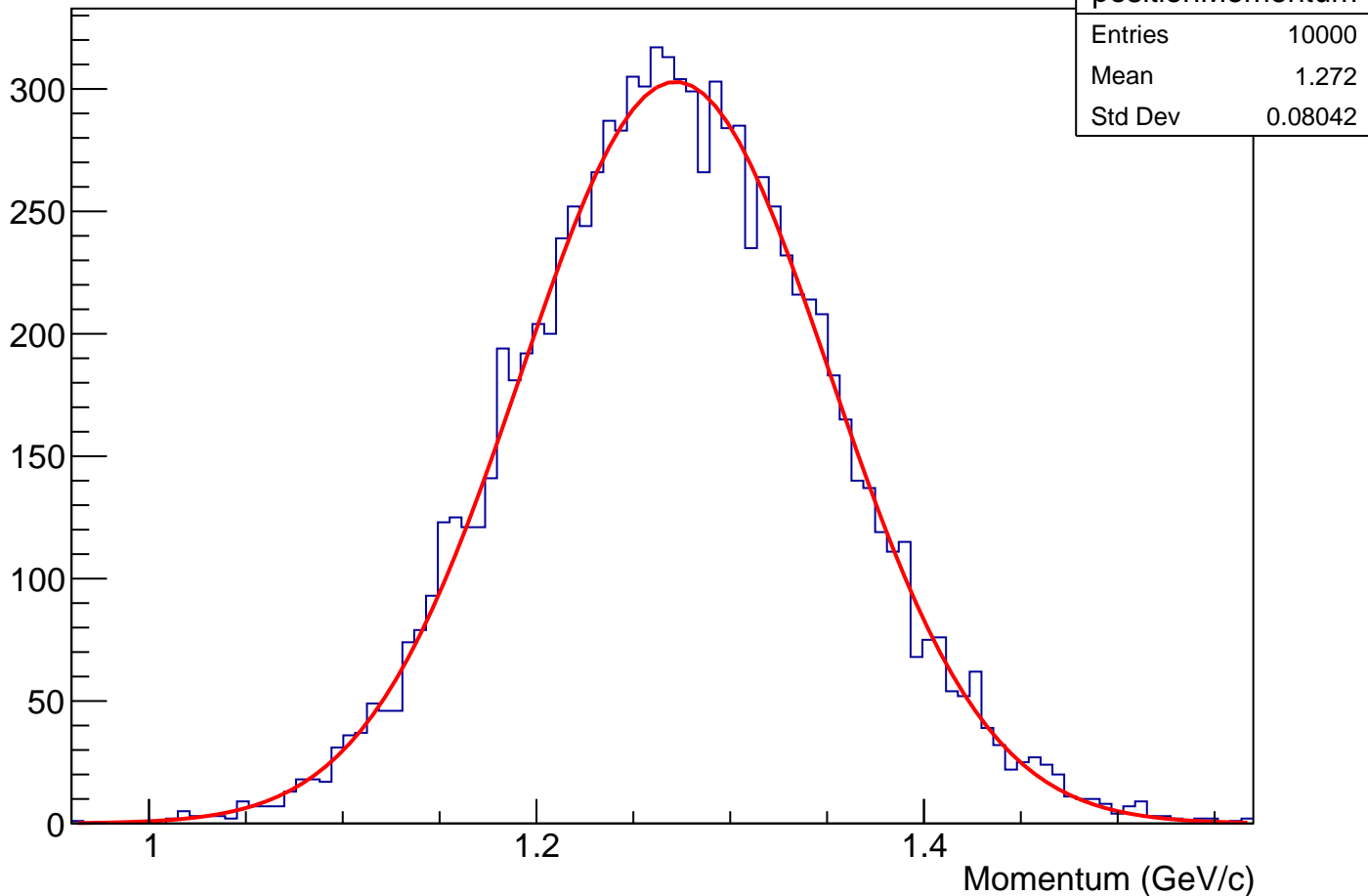
Momentum Distribution (Resolution = 5 μm)

Counts



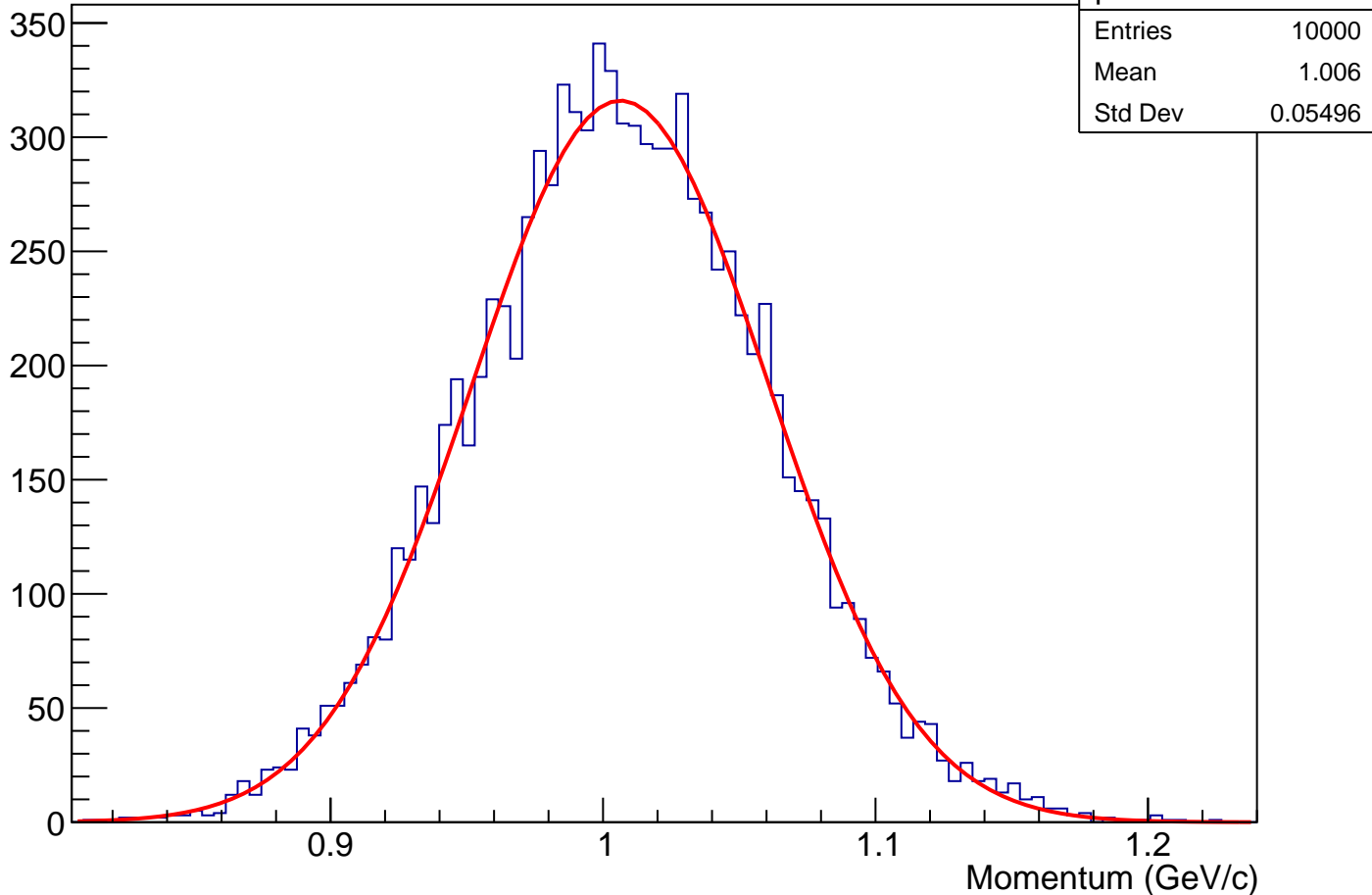
Momentum Distribution (Resolution = 5 μm)

Counts



Momentum Distribution (Resolution = 5 μm)

Counts



Momentum Distribution (Resolution = 5 μm)

Counts

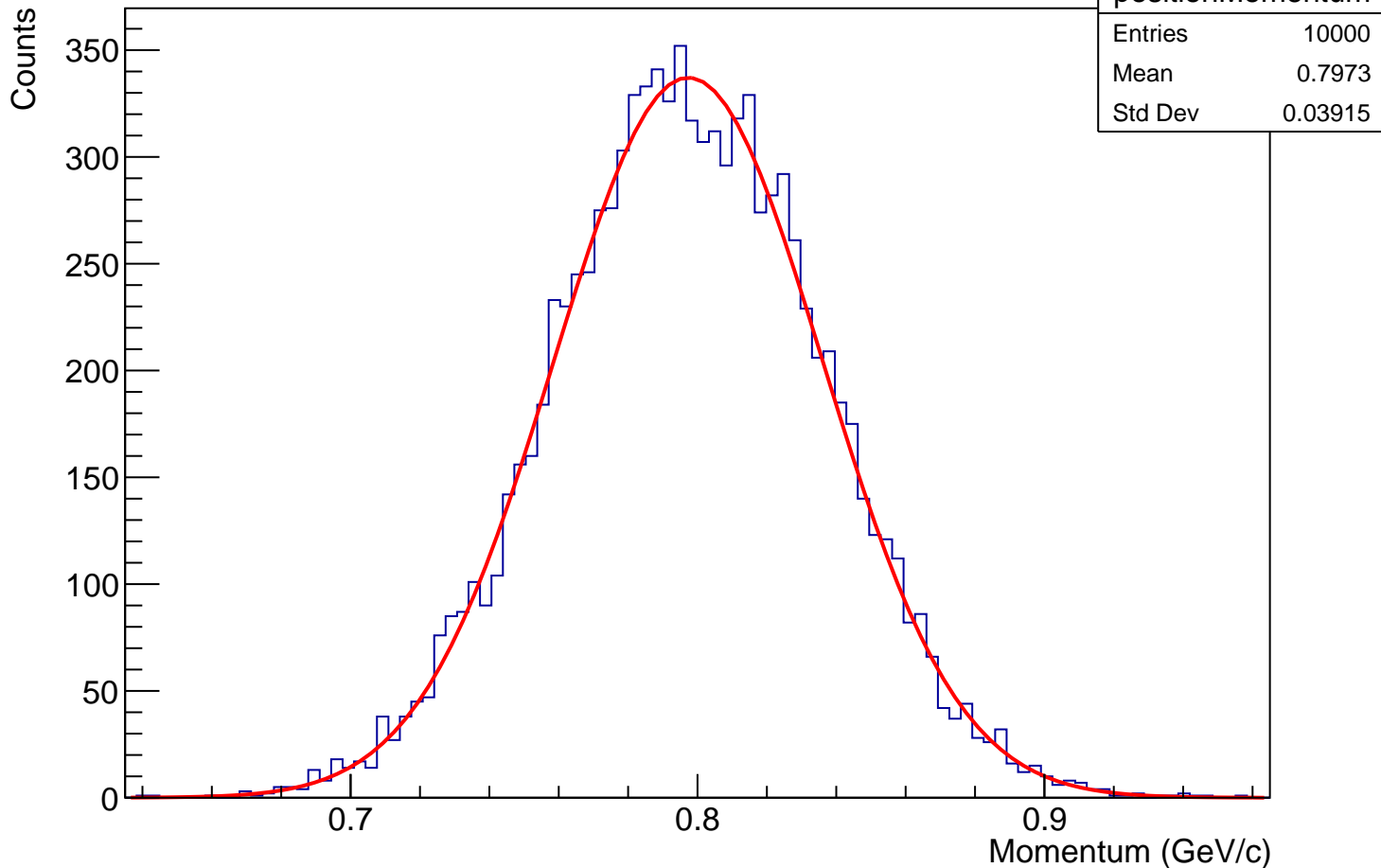
350
300
250
200
150
100
50
0

0.7

0.8

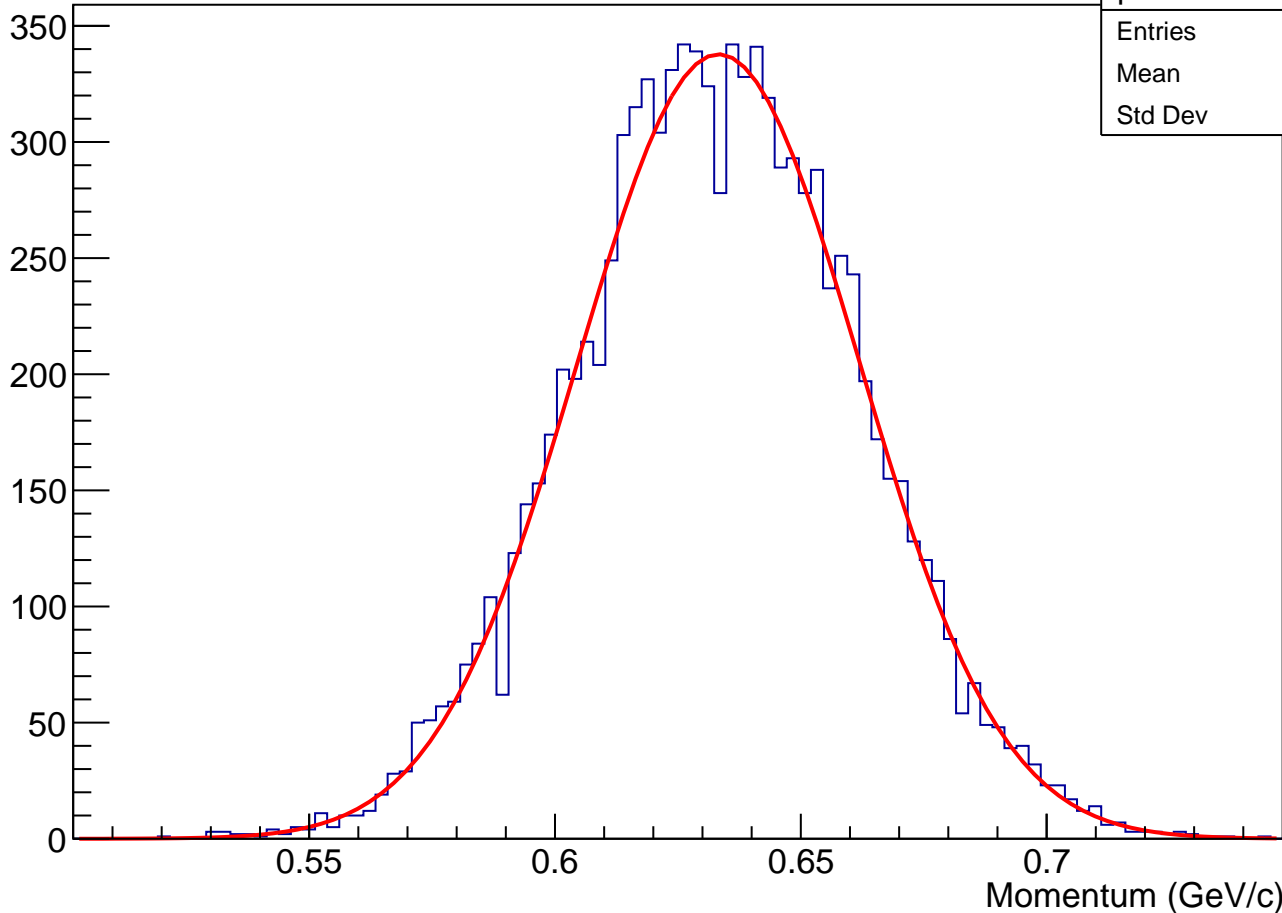
Momentum (GeV/c)

positionMomentum	
Entries	10000
Mean	0.7973
Std Dev	0.03915



Momentum Distribution (Resolution = 5 μm)

Counts



Momentum Distribution (Resolution = 5 μm)

Counts

350
300
250
200
150
100
50
0

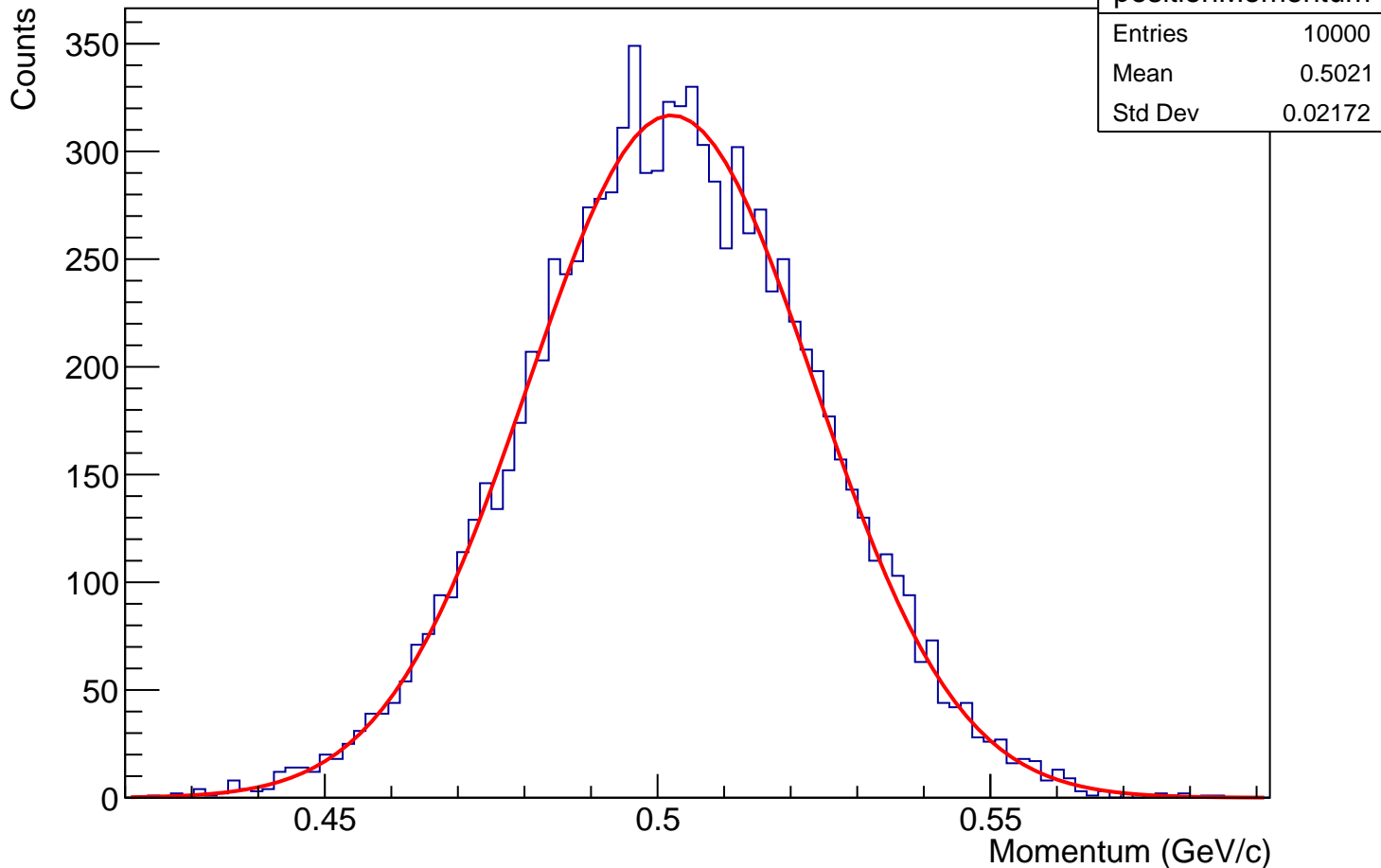
0.45

0.5

0.55

Momentum (GeV/c)

positionMomentum	
Entries	10000
Mean	0.5021
Std Dev	0.02172



Momentum Distribution (Resolution = 5 μm)

Counts

300
250
200
150
100
50
0

0.35

0.4

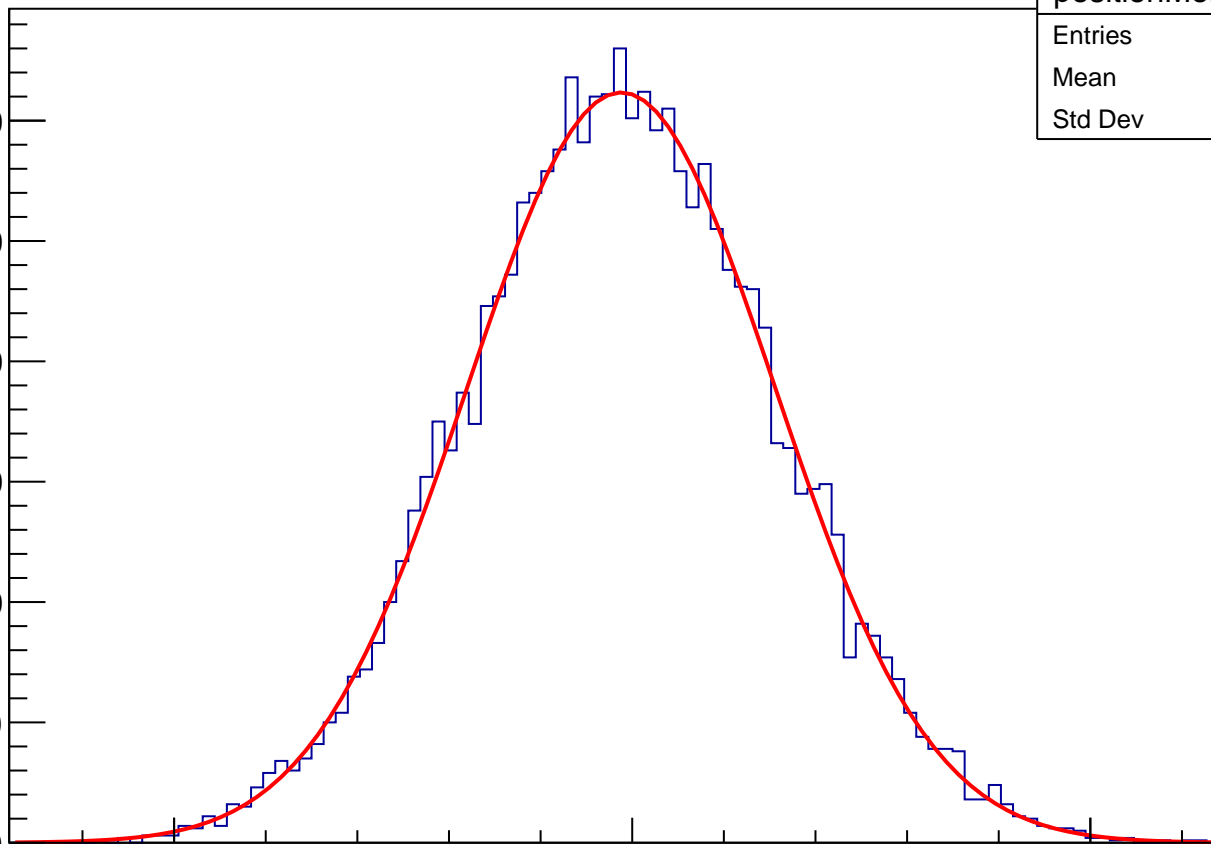
positionMomentum

Entries 10000

Mean 0.3989

Std Dev 0.01683

Momentum (GeV/c)



Momentum Distribution (Resolution = 5 μm)

Counts

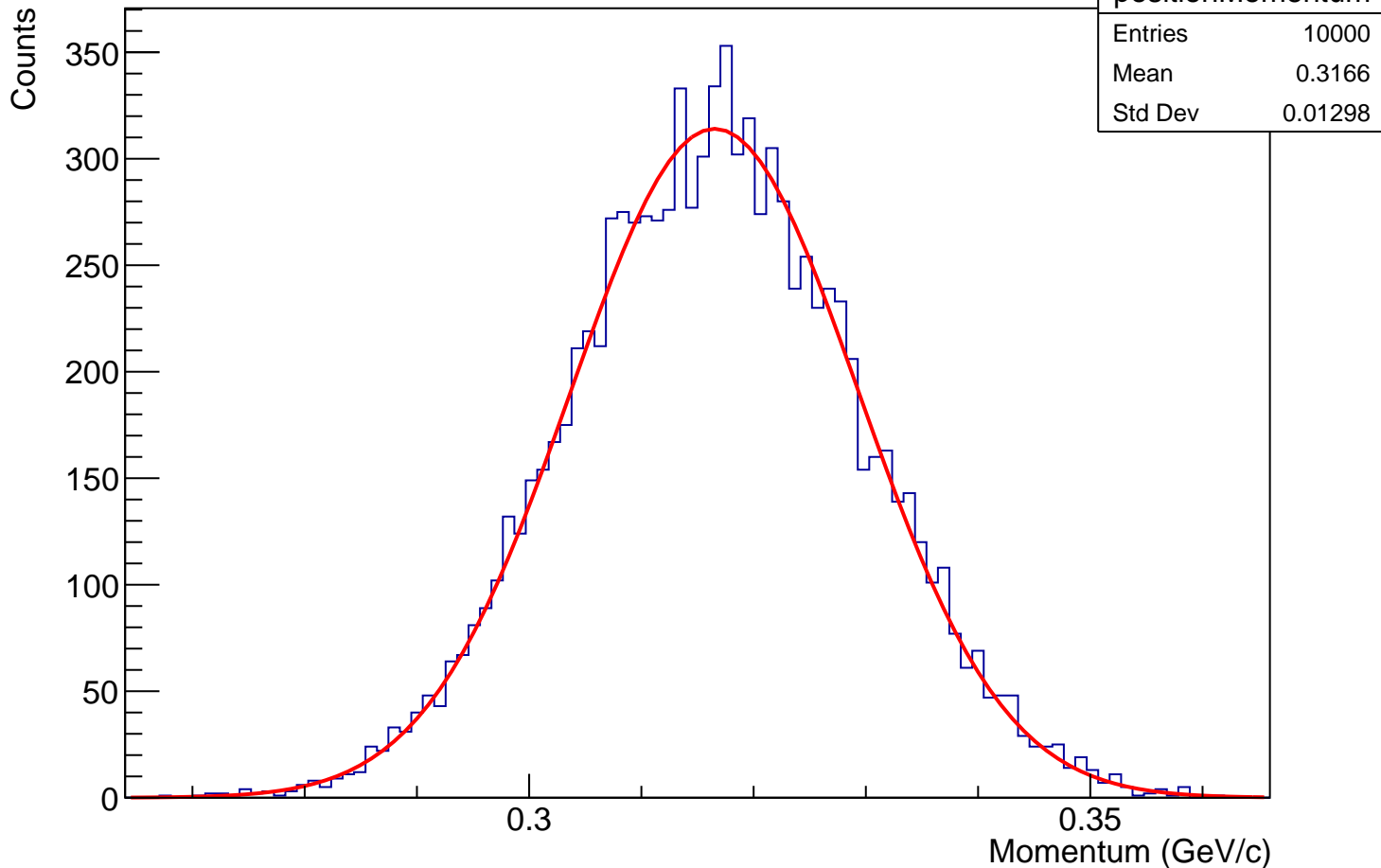
350
300
250
200
150
100
50
0

0.3

0.35

Momentum (GeV/c)

positionMomentum	
Entries	10000
Mean	0.3166
Std Dev	0.01298



Momentum Distribution (Resolution = 5 μm)

Counts

300
250
200
150
100
50
0

0.22

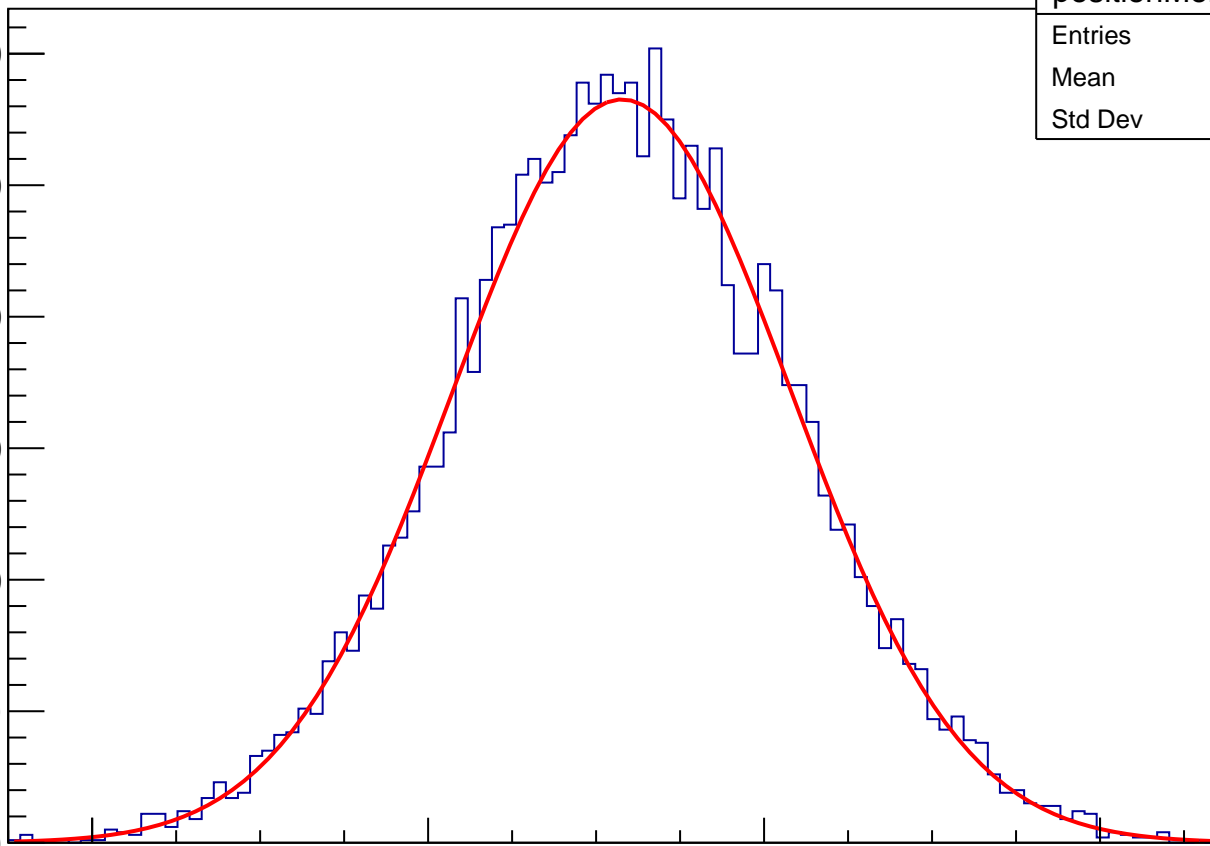
0.24

0.26

0.28

Momentum (GeV/c)

positionMomentum	
Entries	10000
Mean	0.2515
Std Dev	0.01013



Momentum Distribution (Resolution = 5 μm)

Counts

300
250
200
150
100
50
0

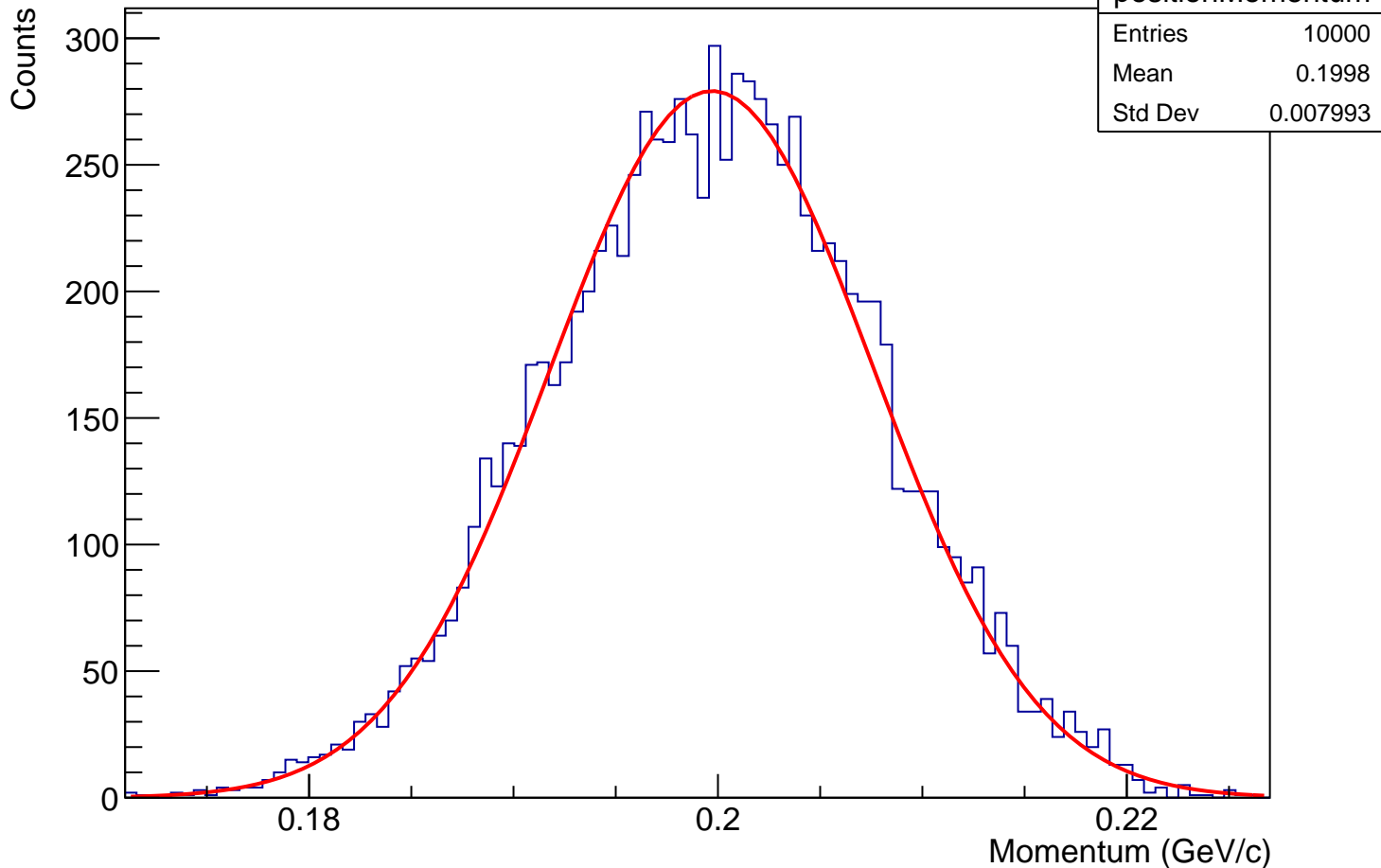
positionMomentum	
Entries	10000
Mean	0.1998
Std Dev	0.007993

0.18

0.2

0.22

Momentum (GeV/c)



Momentum Distribution (Resolution = 5 μm)

Counts

350
300
250
200
150
100
50
0

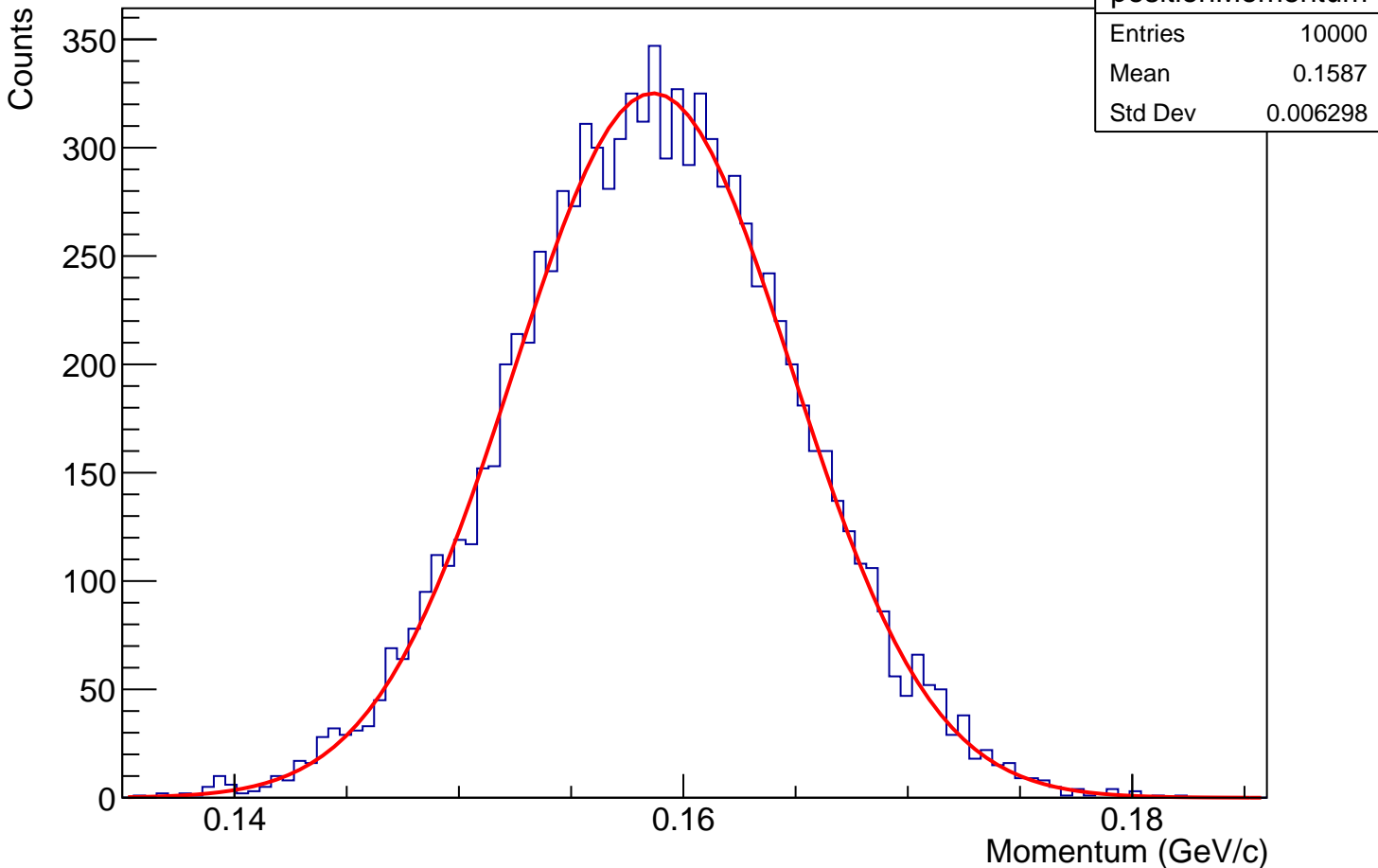
0.14

0.16

0.18

Momentum (GeV/c)

positionMomentum	
Entries	10000
Mean	0.1587
Std Dev	0.006298



Momentum Distribution (Resolution = 5 μm)

Counts

300
250
200
150
100
50
0

0.11

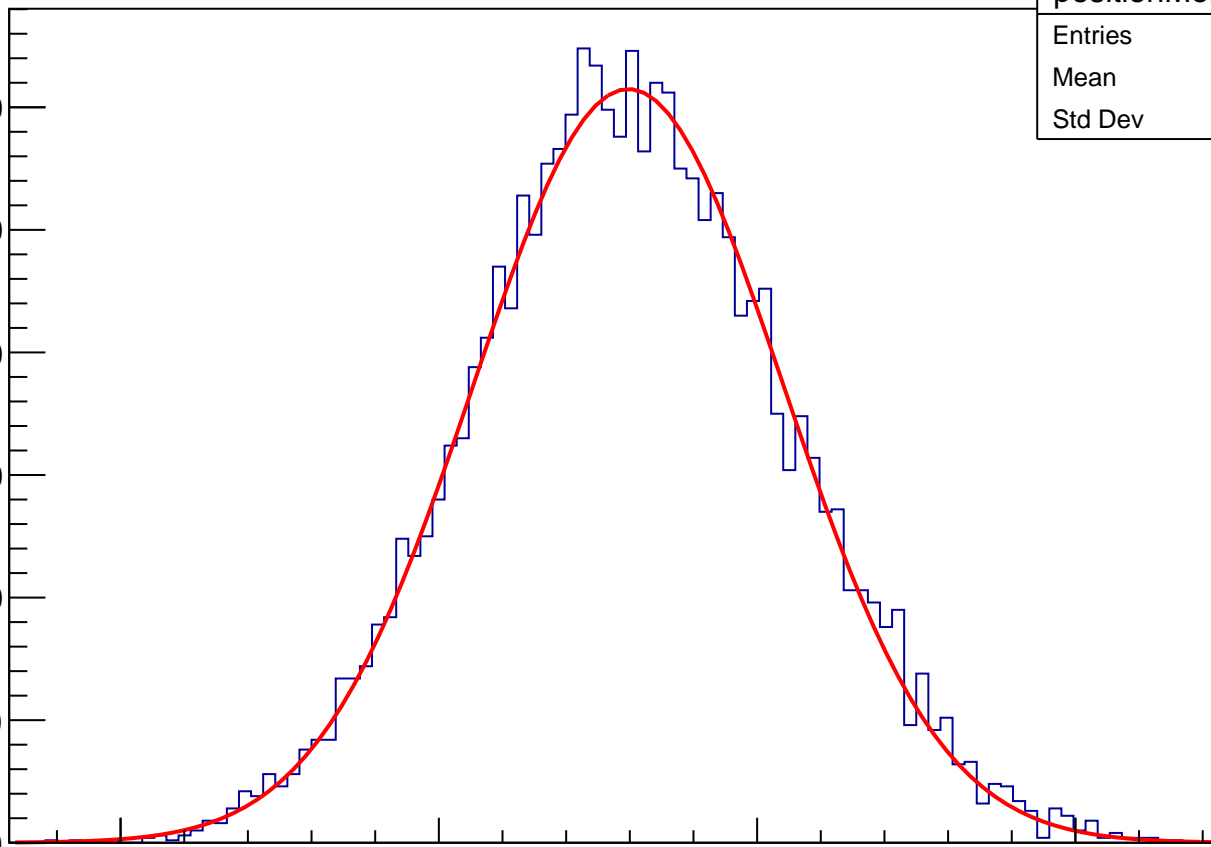
0.12

0.13

0.14

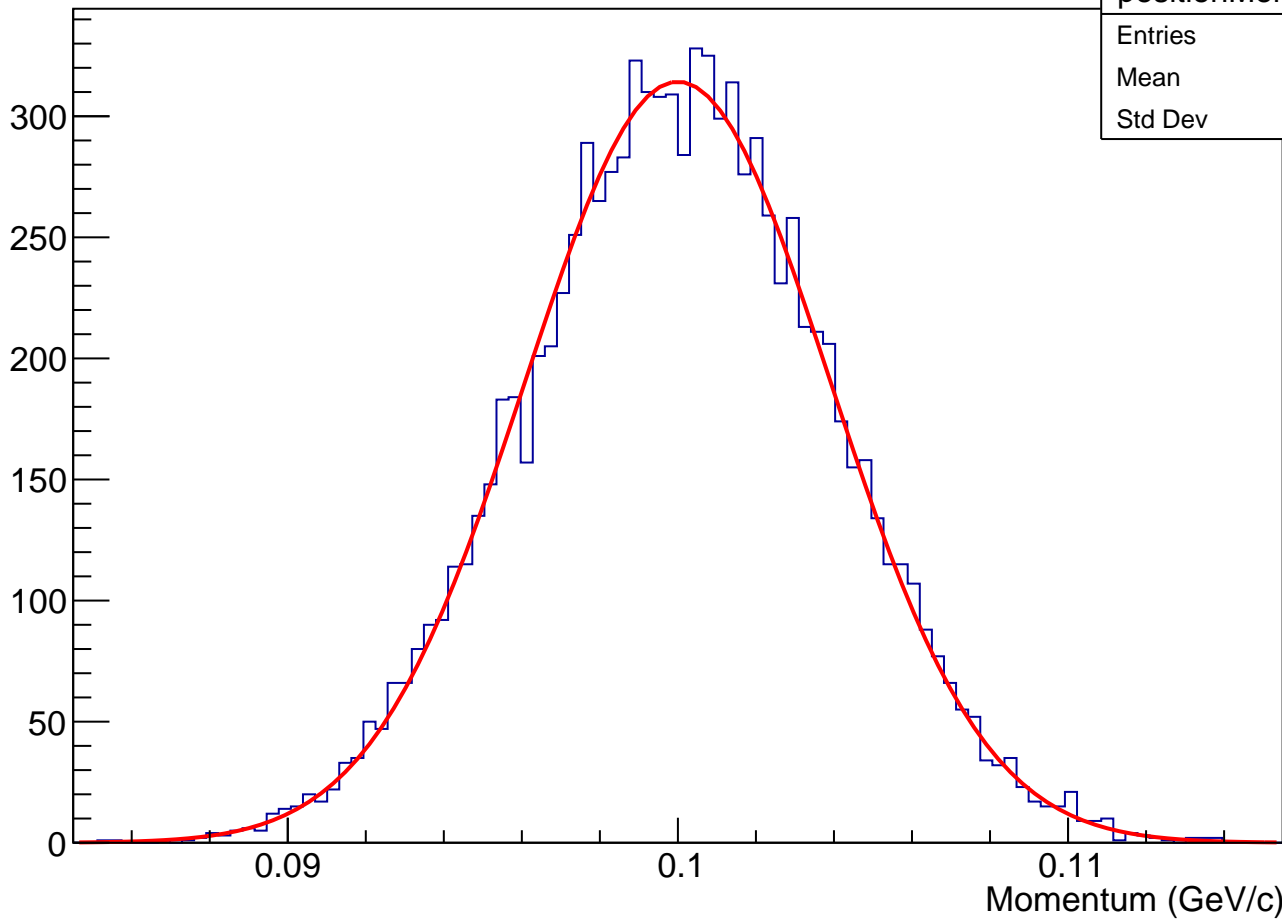
Momentum (GeV/c)

positionMomentum	
Entries	10000
Mean	0.126
Std Dev	0.004958



Momentum Distribution (Resolution = 5 μm)

Counts

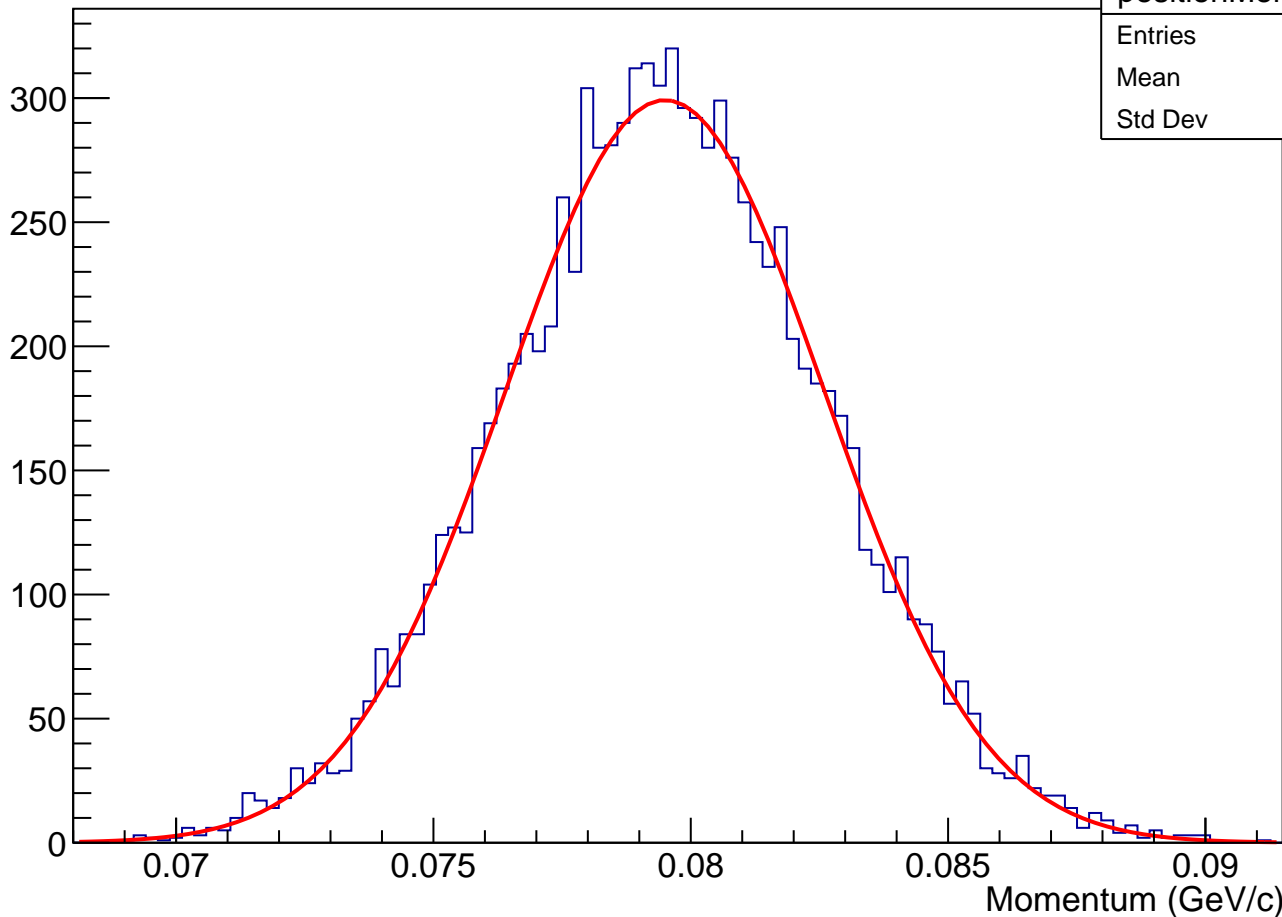


position	Momentum
Entries	10000
Mean	0.1
Std Dev	0.003937

Momentum (GeV/c)

Momentum Distribution (Resolution = 5 μm)

Counts



Momentum (GeV/c)

Momentum Distribution (Resolution = 5 μm)

Counts

300
250
200
150
100
50
0

0.055

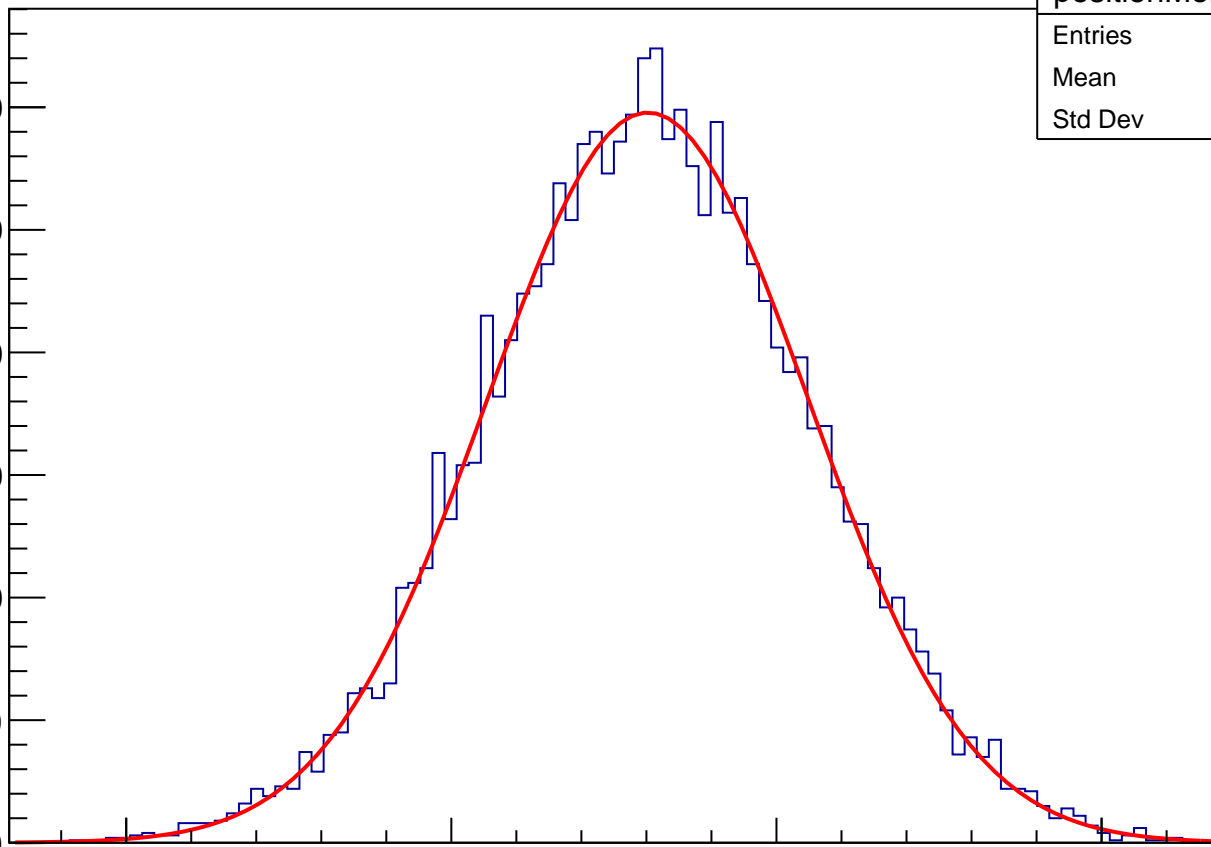
0.06

0.065

0.07

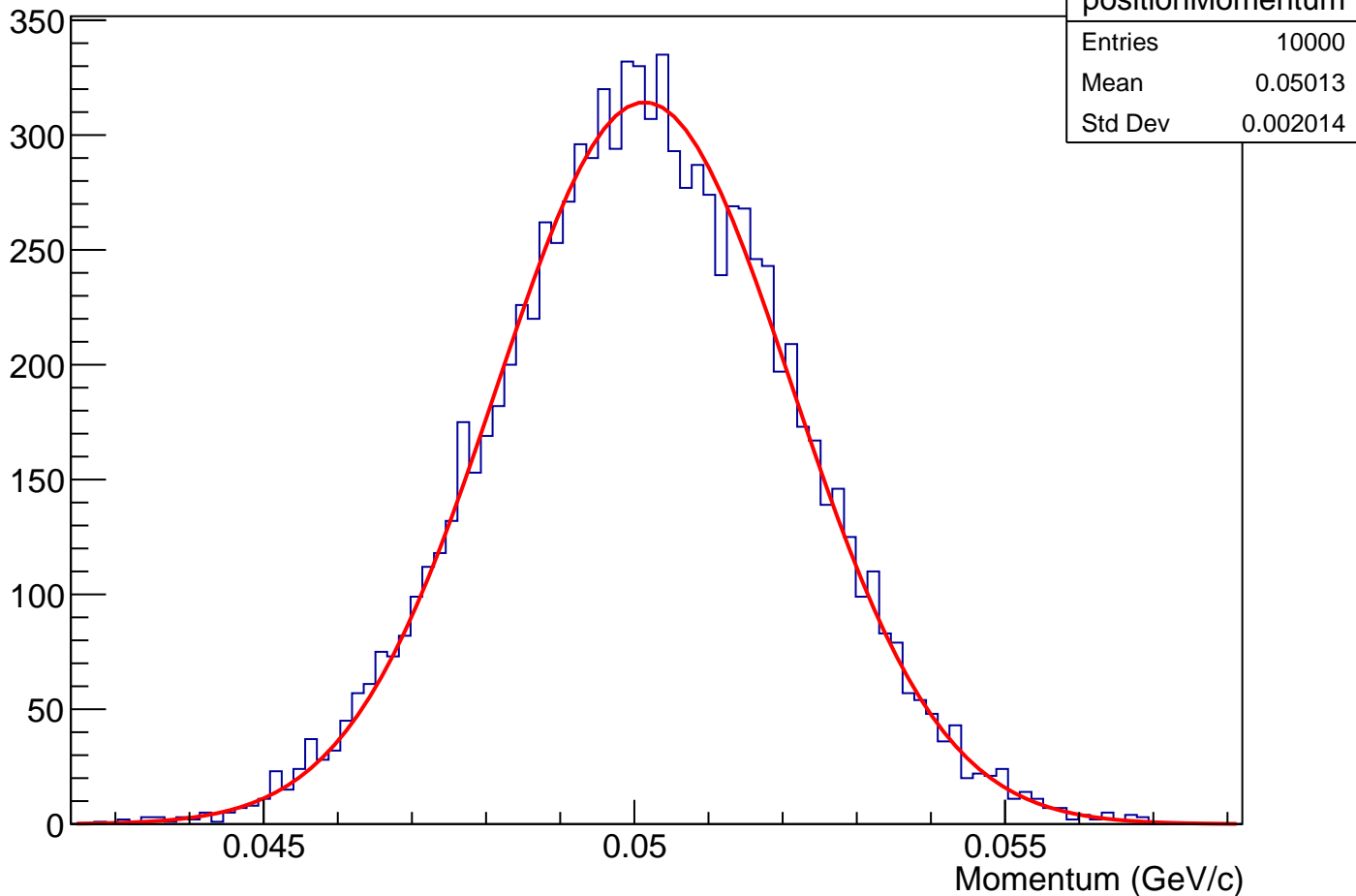
Momentum (GeV/c)

positionMomentum	
Entries	10000
Mean	0.06302
Std Dev	0.002491



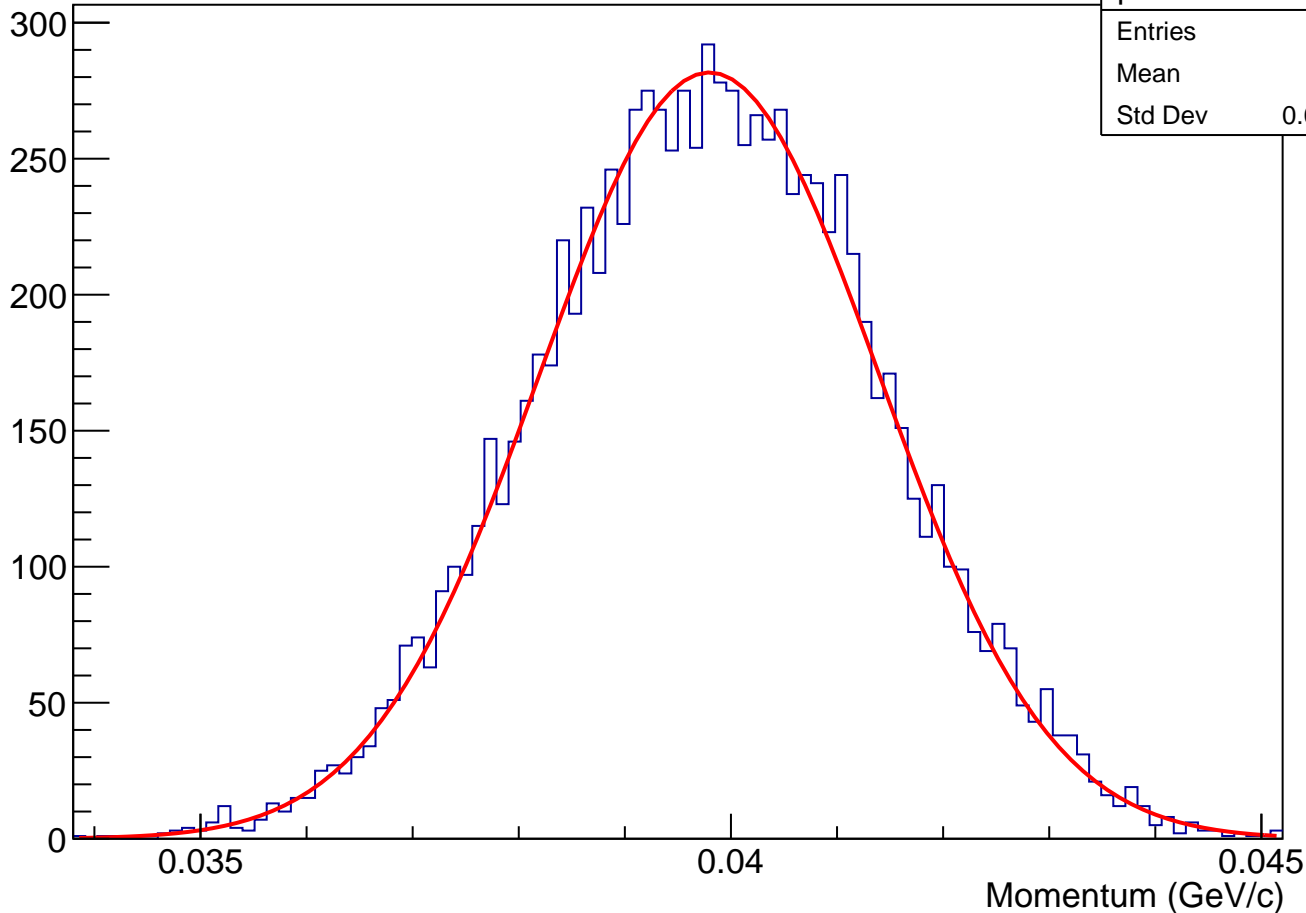
Momentum Distribution (Resolution = 5 μm)

Counts



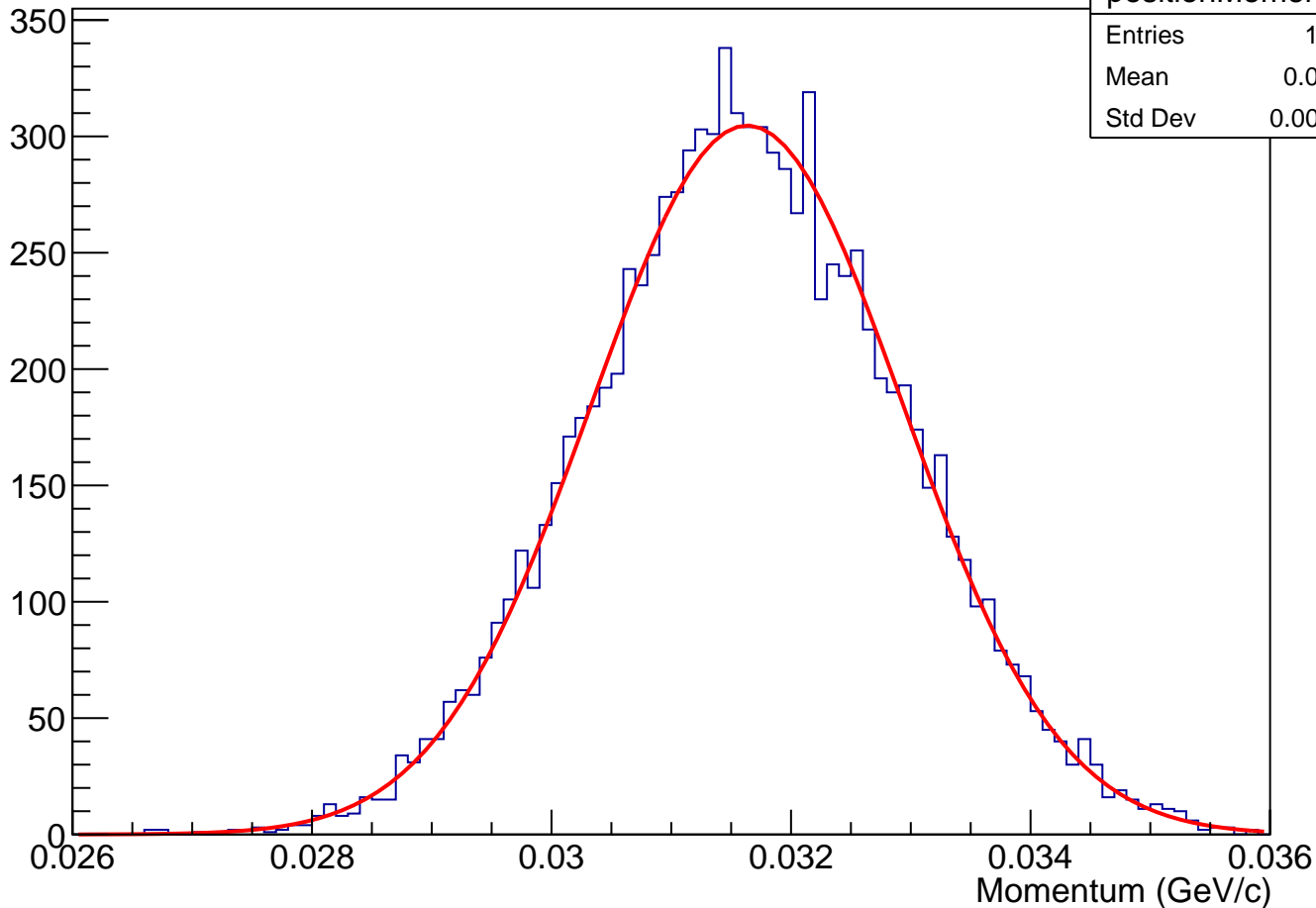
Momentum Distribution (Resolution = 5 μm)

Counts



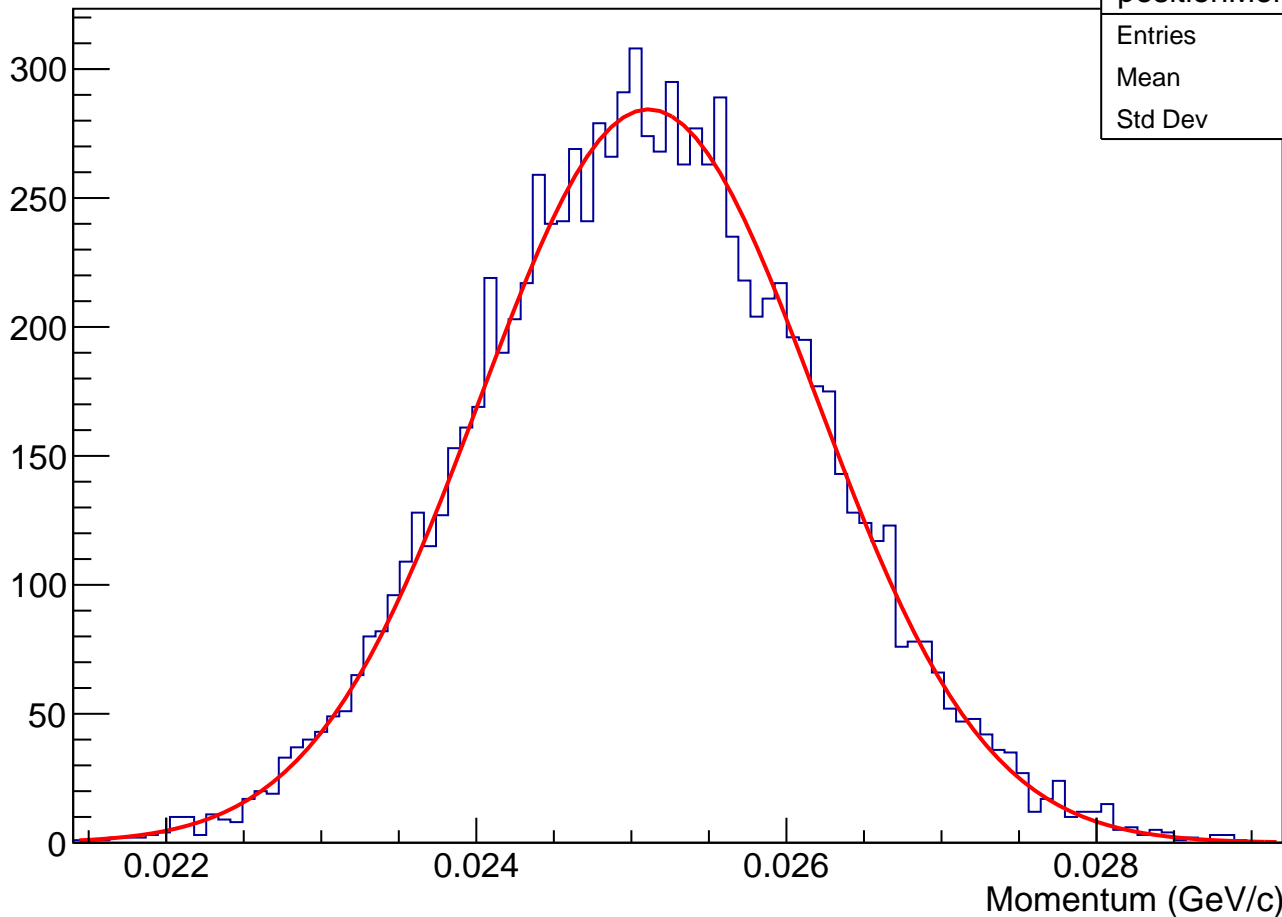
Momentum Distribution (Resolution = 5 μm)

Counts



Momentum Distribution (Resolution = 5 μm)

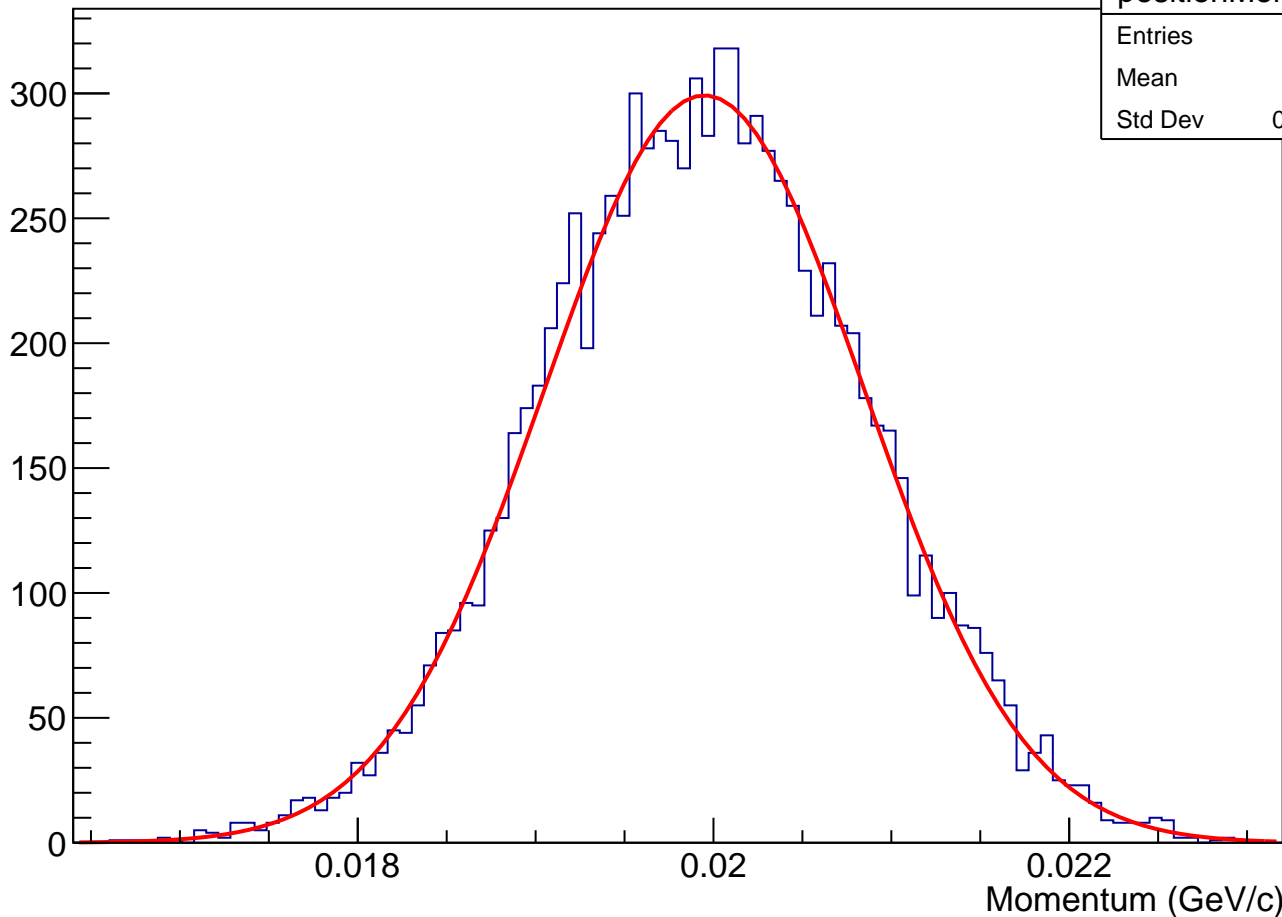
Counts



position	Momentum
Entries	10000
Mean	0.02511
Std Dev	0.001096

Momentum Distribution (Resolution = 5 μm)

Counts



positionMomentum	
Entries	10000
Mean	0.01995
Std Dev	0.0009046

Momentum Distribution (Resolution = 5 μm)

Counts

300
250
200
150
100
50
0

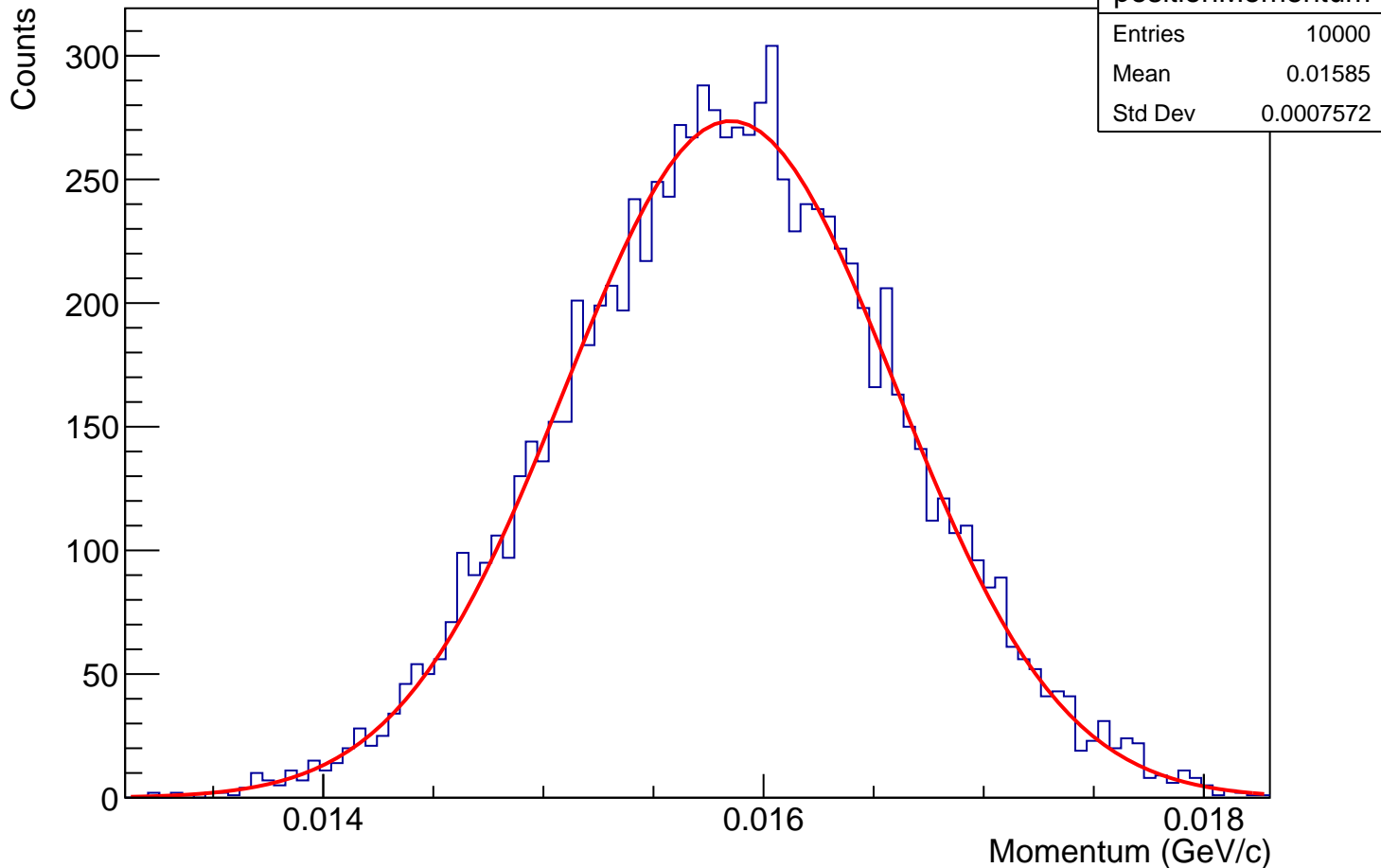
0.014

0.016

0.018

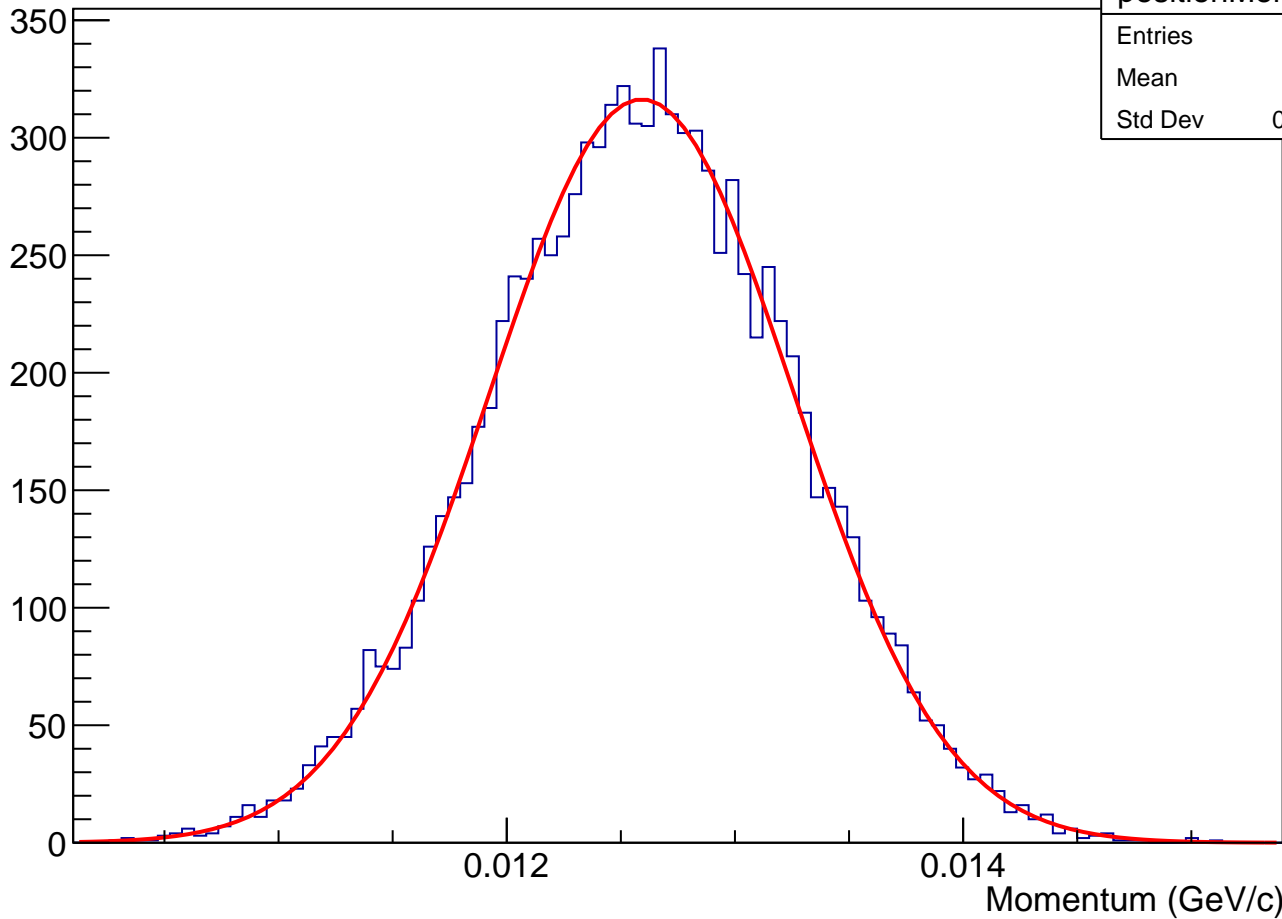
Momentum (GeV/c)

positionMomentum	
Entries	10000
Mean	0.01585
Std Dev	0.0007572



Momentum Distribution (Resolution = 5 μm)

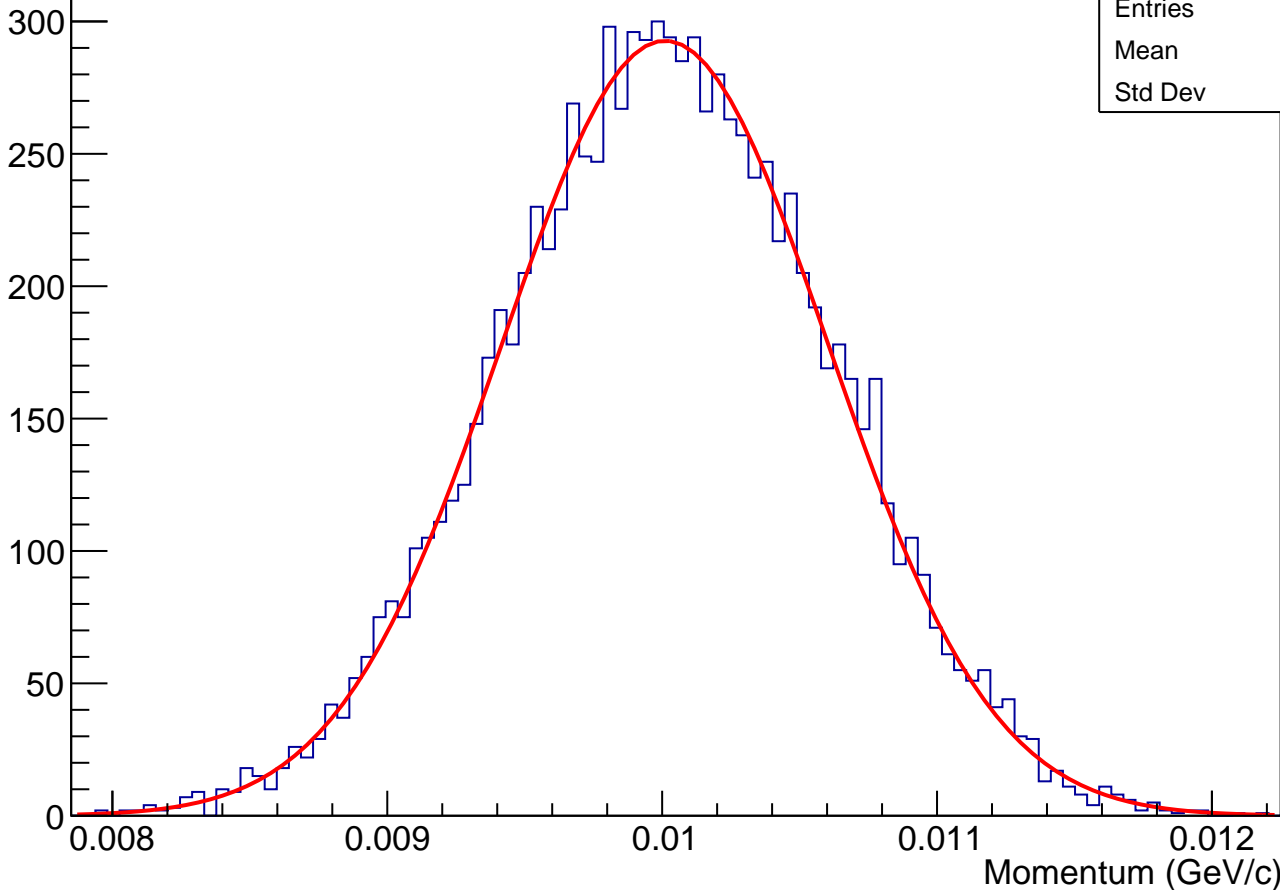
Counts



position	Momentum
Entries	10000
Mean	0.01259
Std Dev	0.0006685

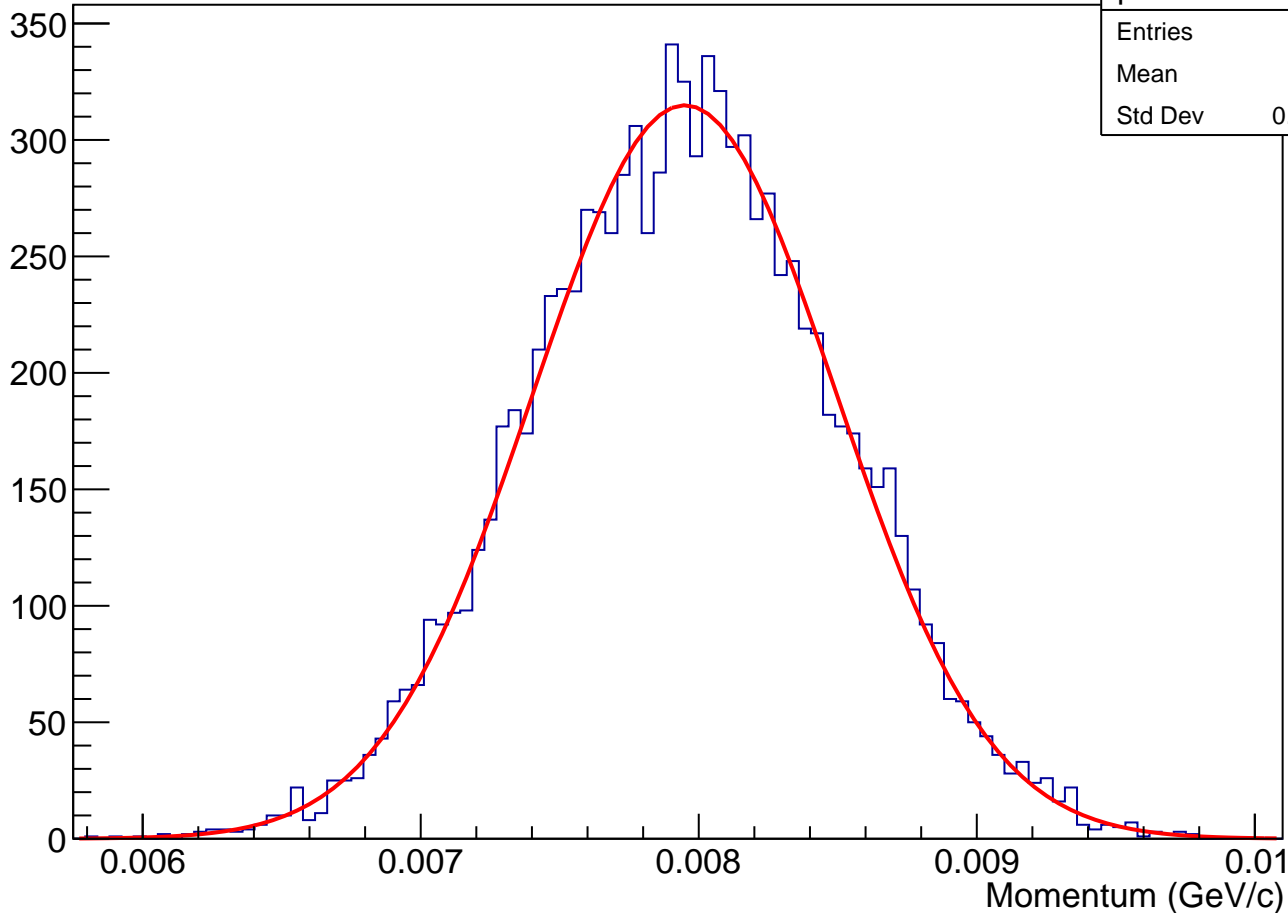
Momentum Distribution (Resolution = 5 μm)

Counts



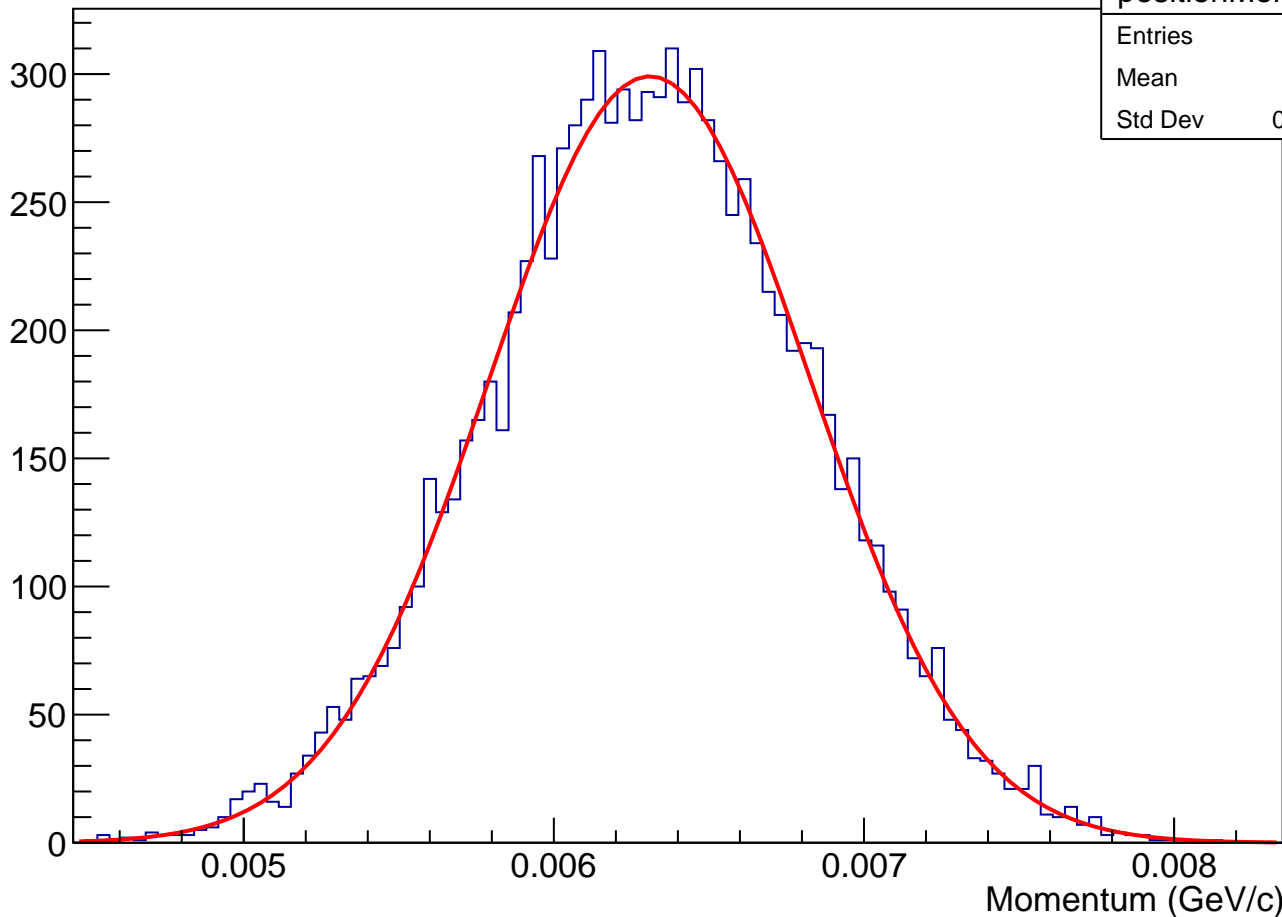
Momentum Distribution (Resolution = 5 μm)

Counts



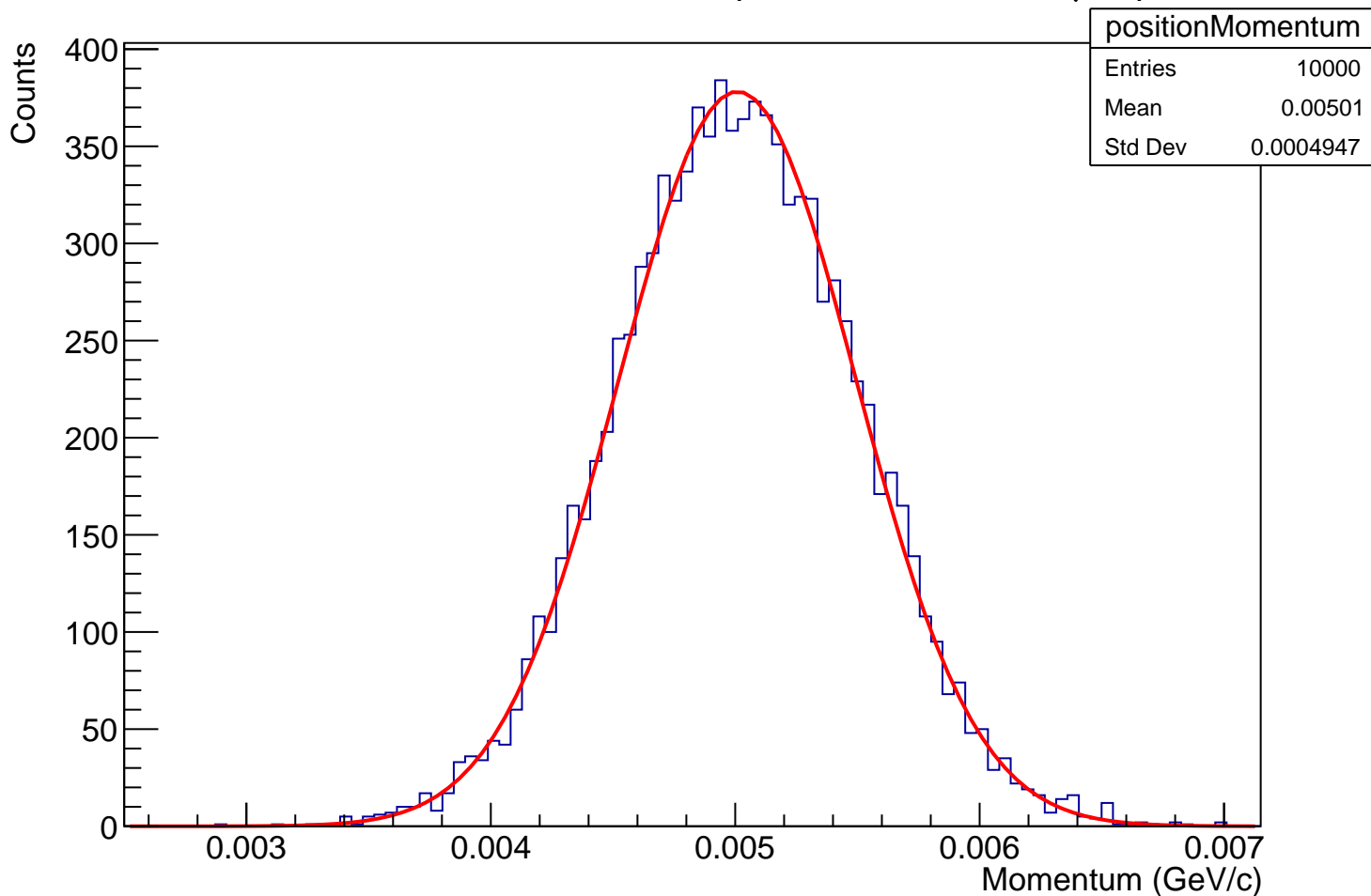
Momentum Distribution (Resolution = 5 μm)

Counts



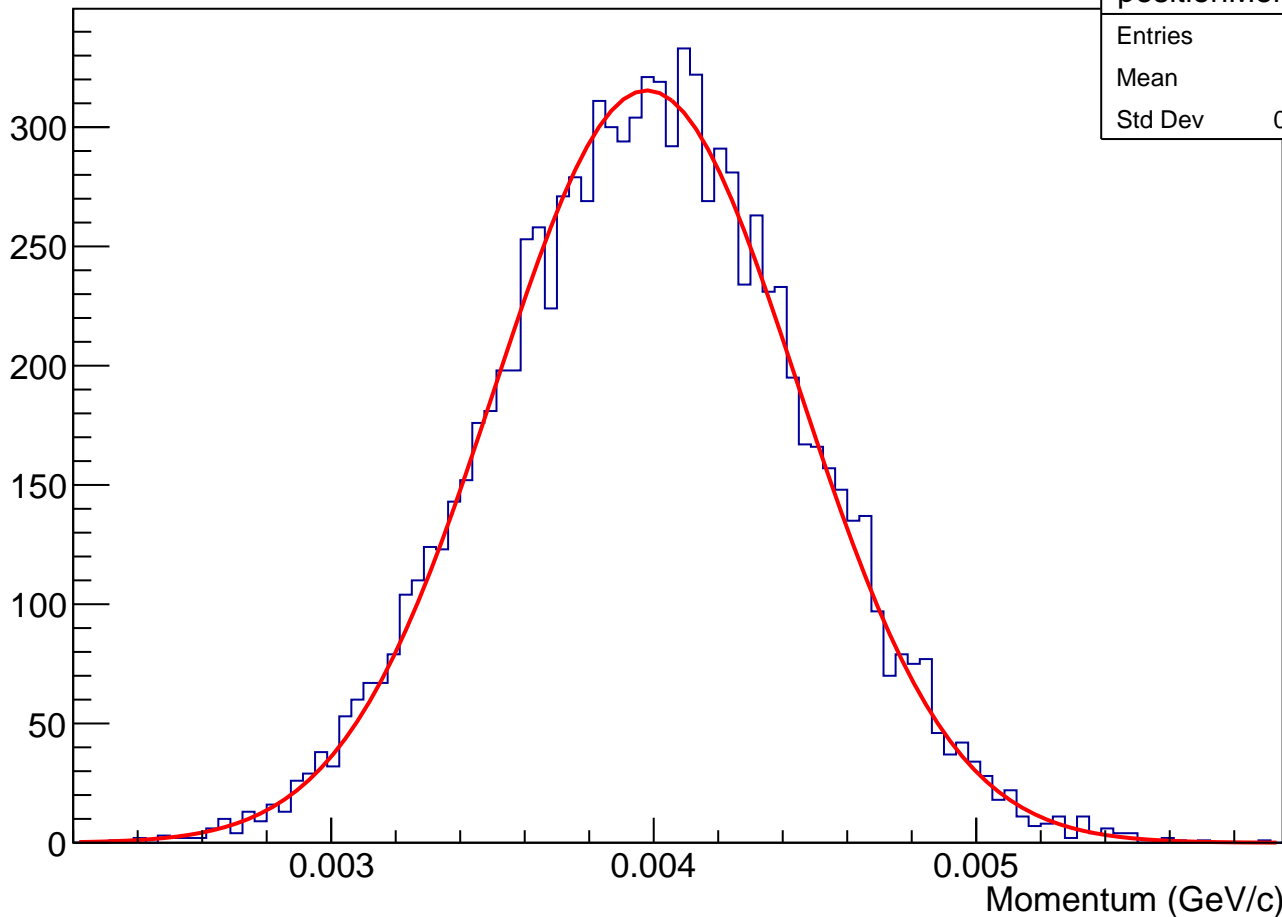
position	Momentum
Entries	10000
Mean	0.006308
Std Dev	0.0005198

Momentum Distribution (Resolution = 5 μm)



Momentum Distribution (Resolution = 5 μm)

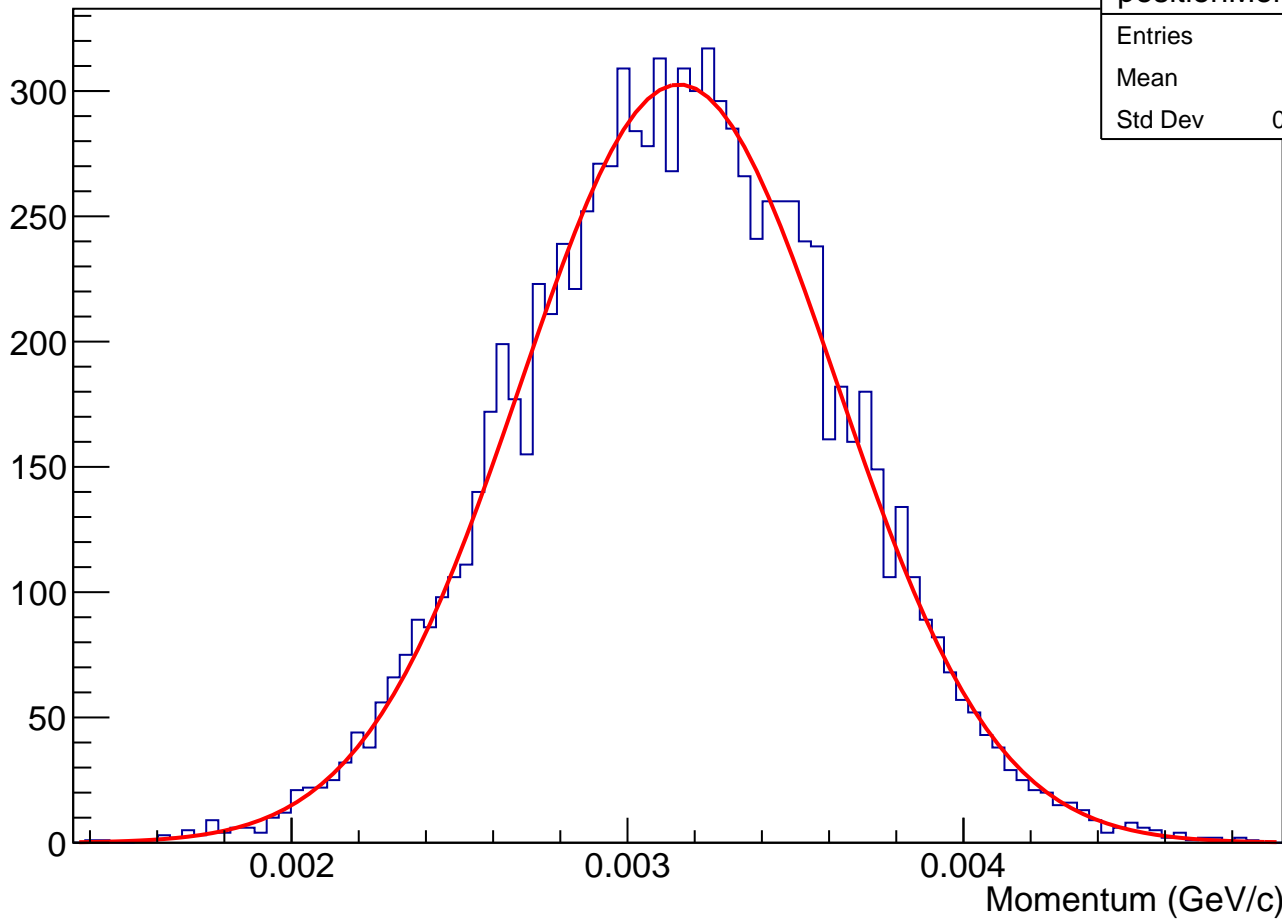
Counts



Momentum (GeV/c)

Momentum Distribution (Resolution = 5 μm)

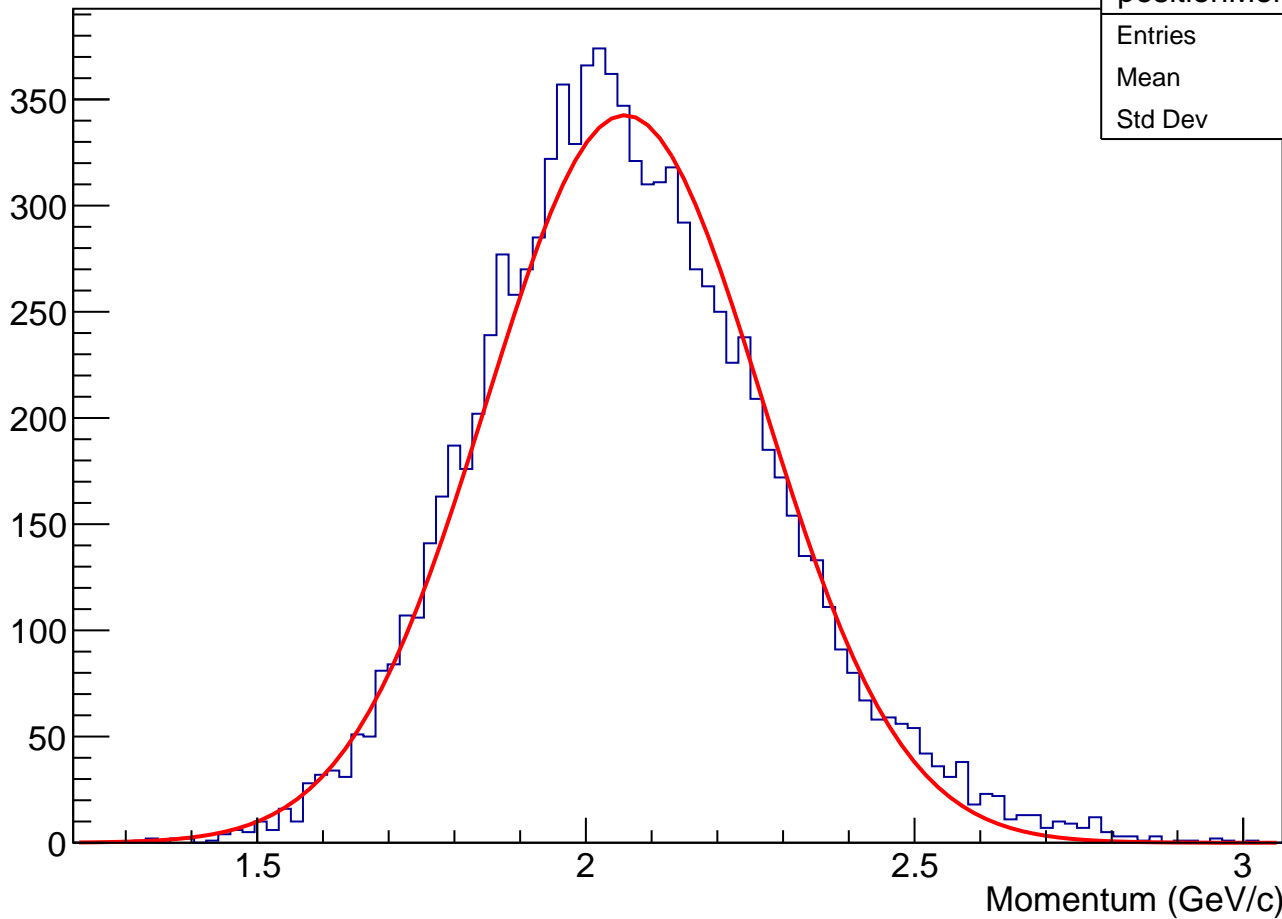
Counts



position	Momentum
Entries	10000
Mean	0.003153
Std Dev	0.0004738

Momentum Distribution (Resolution = 10 μm)

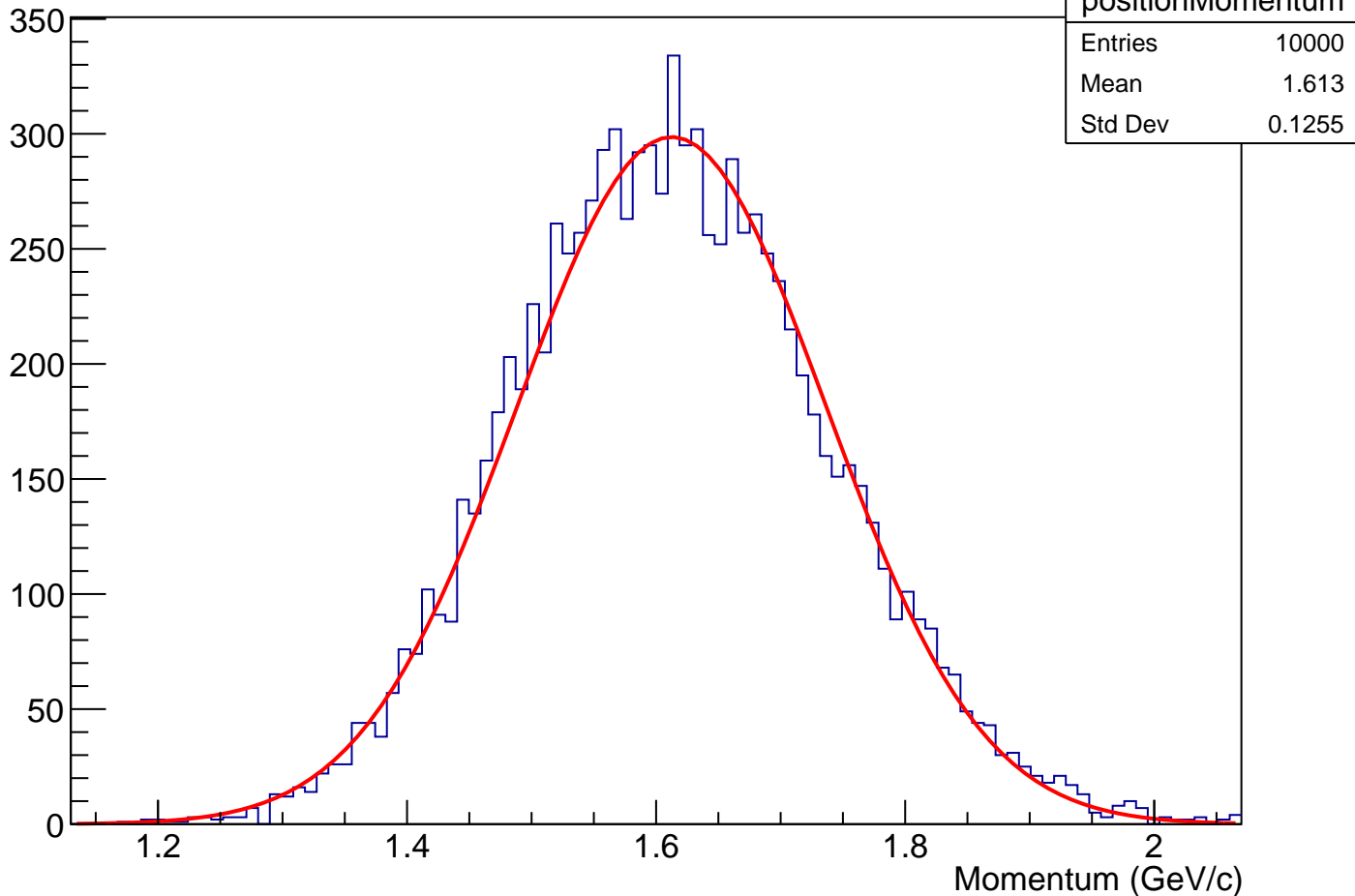
Counts



Momentum (GeV/c)

Momentum Distribution (Resolution = 10 μm)

Counts



Momentum Distribution (Resolution = 10 μm)

Counts

300
250
200
150
100
50
0

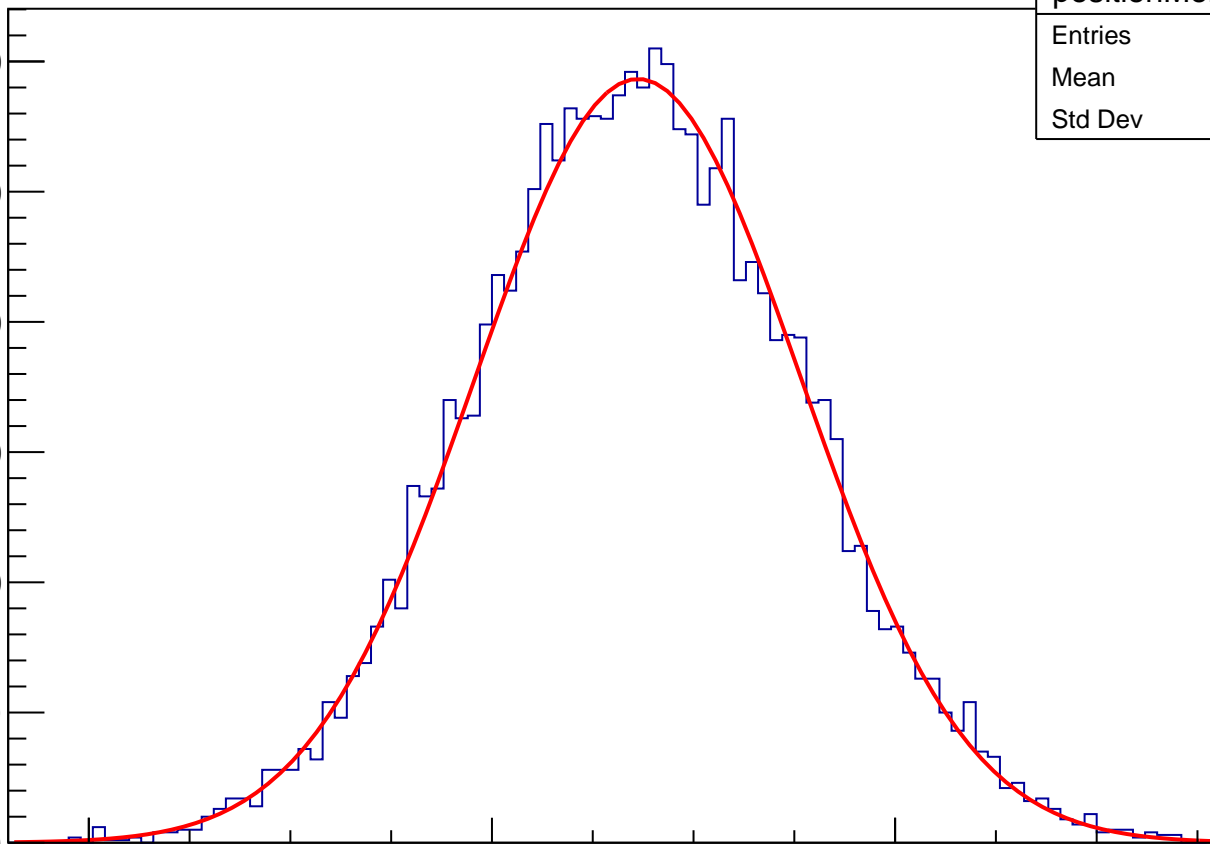
1

1.2

1.4

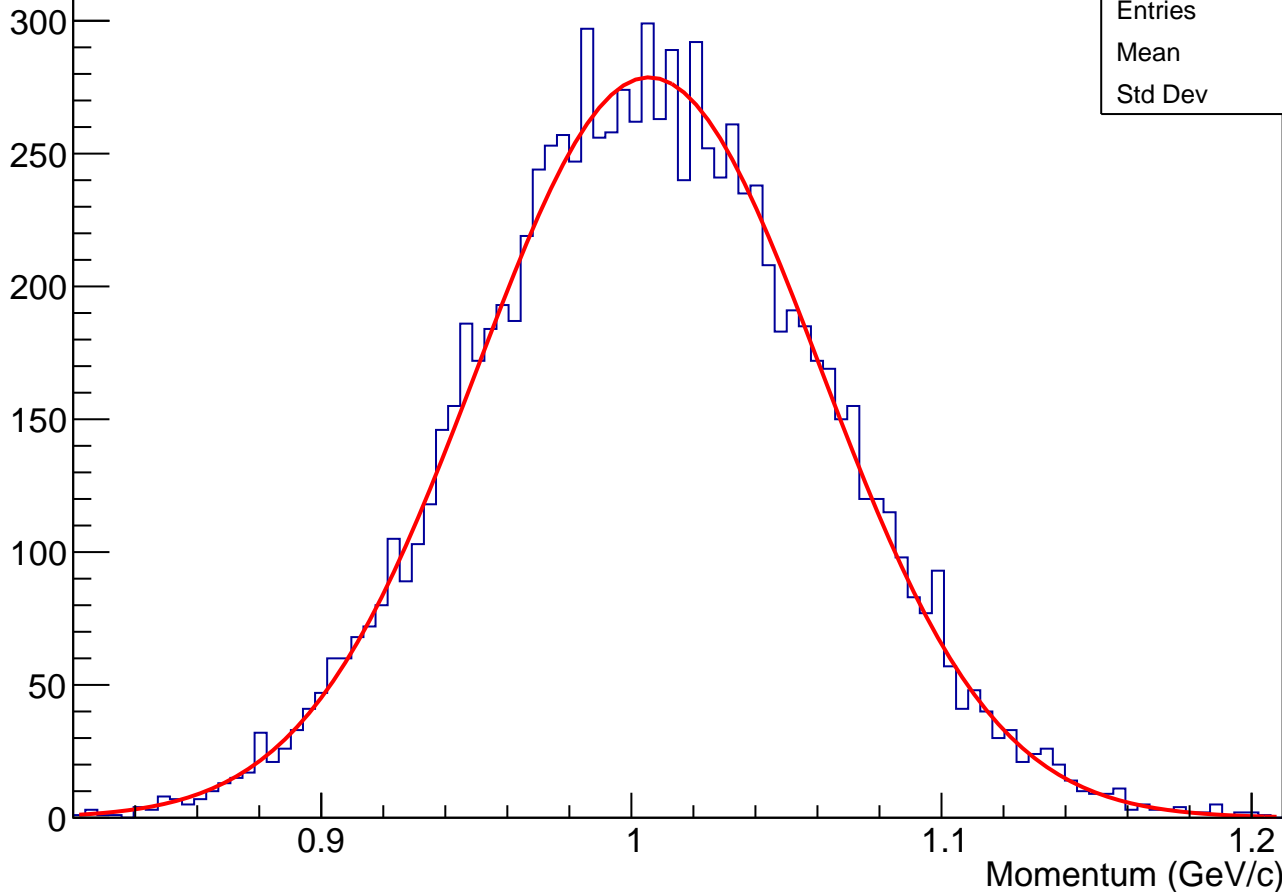
Momentum (GeV/c)

positionMomentum	
Entries	10000
Mean	1.272
Std Dev	0.08139



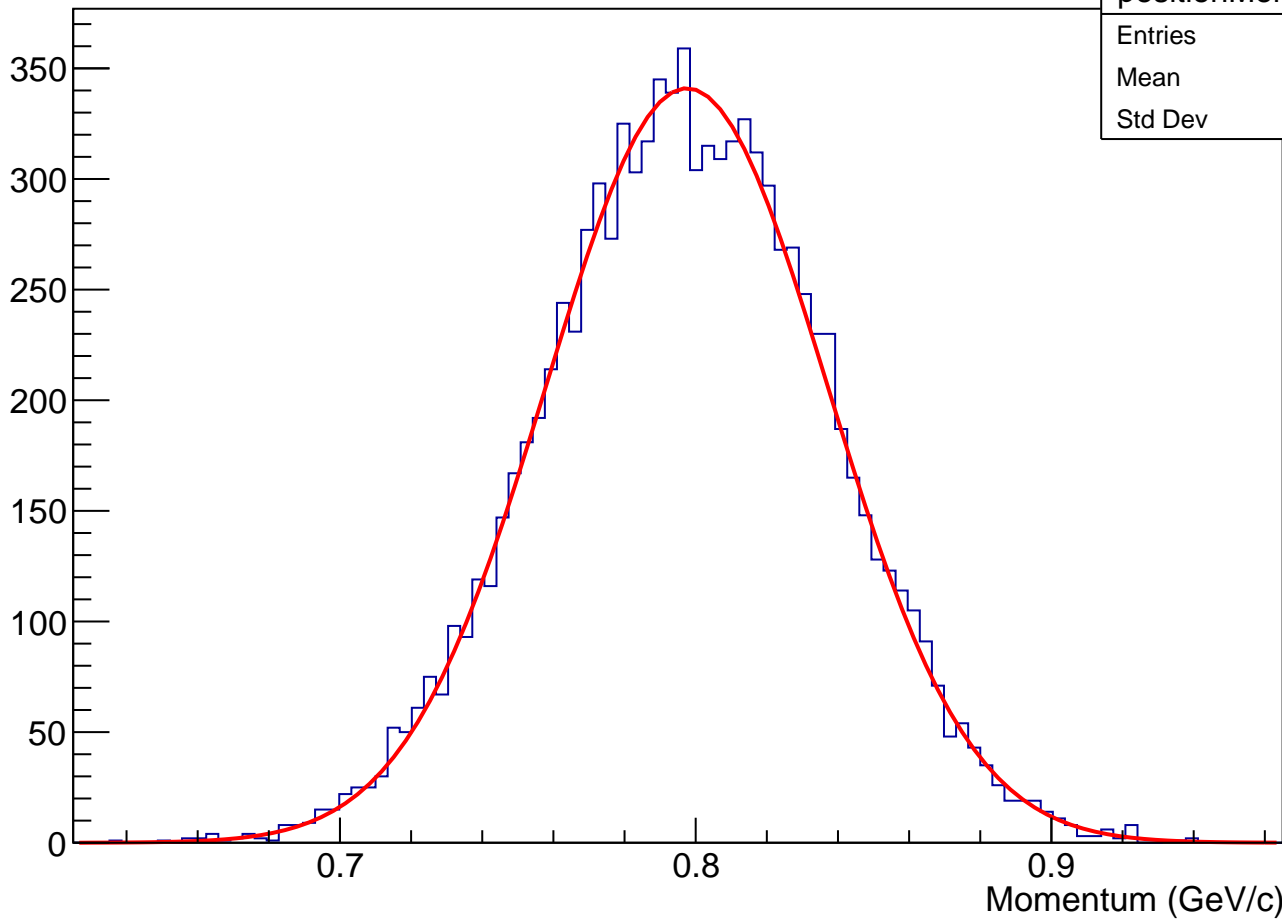
Momentum Distribution (Resolution = 10 μm)

Counts



Momentum Distribution (Resolution = 10 μm)

Counts



positionMomentum

Entries 10000

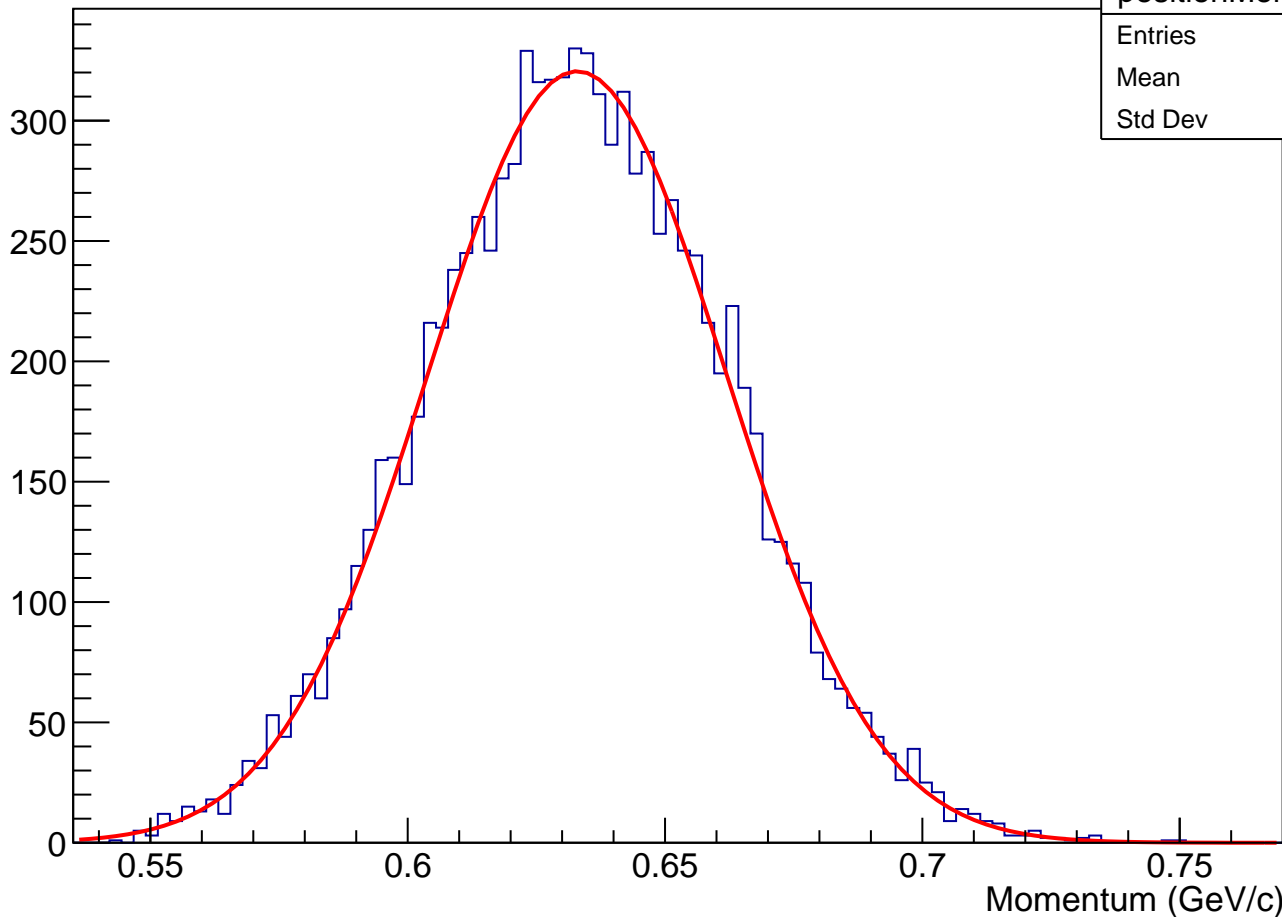
Mean 0.7974

Std Dev 0.03997

Momentum (GeV/c)

Momentum Distribution (Resolution = 10 μm)

Counts



Momentum (GeV/c)

Momentum Distribution (Resolution = 10 μm)

Counts

350
300
250
200
150
100
50
0

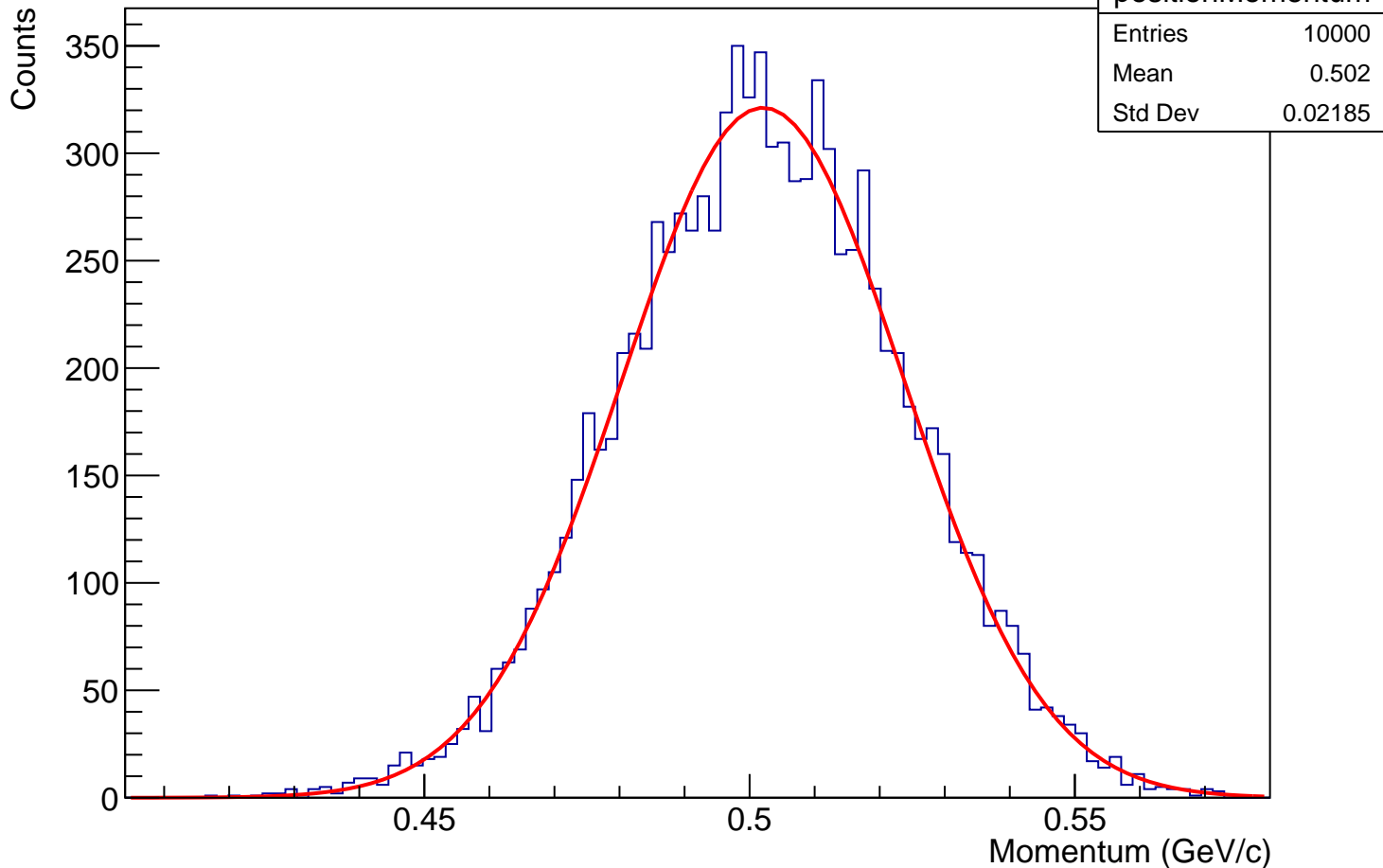
0.45

0.5

0.55

Momentum (GeV/c)

positionMomentum	
Entries	10000
Mean	0.502
Std Dev	0.02185



Momentum Distribution (Resolution = 10 μm)

Counts

300

250

200

150

100

50

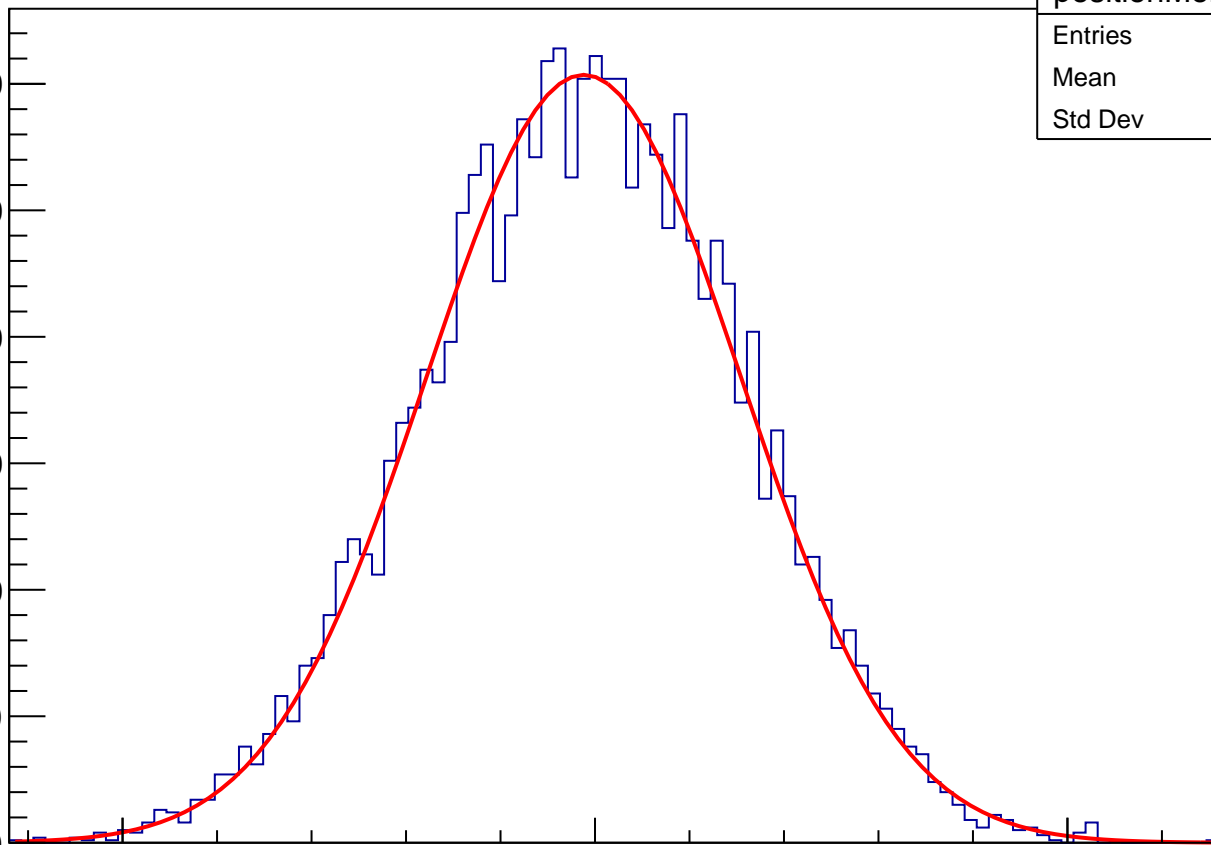
0

0.35

0.4

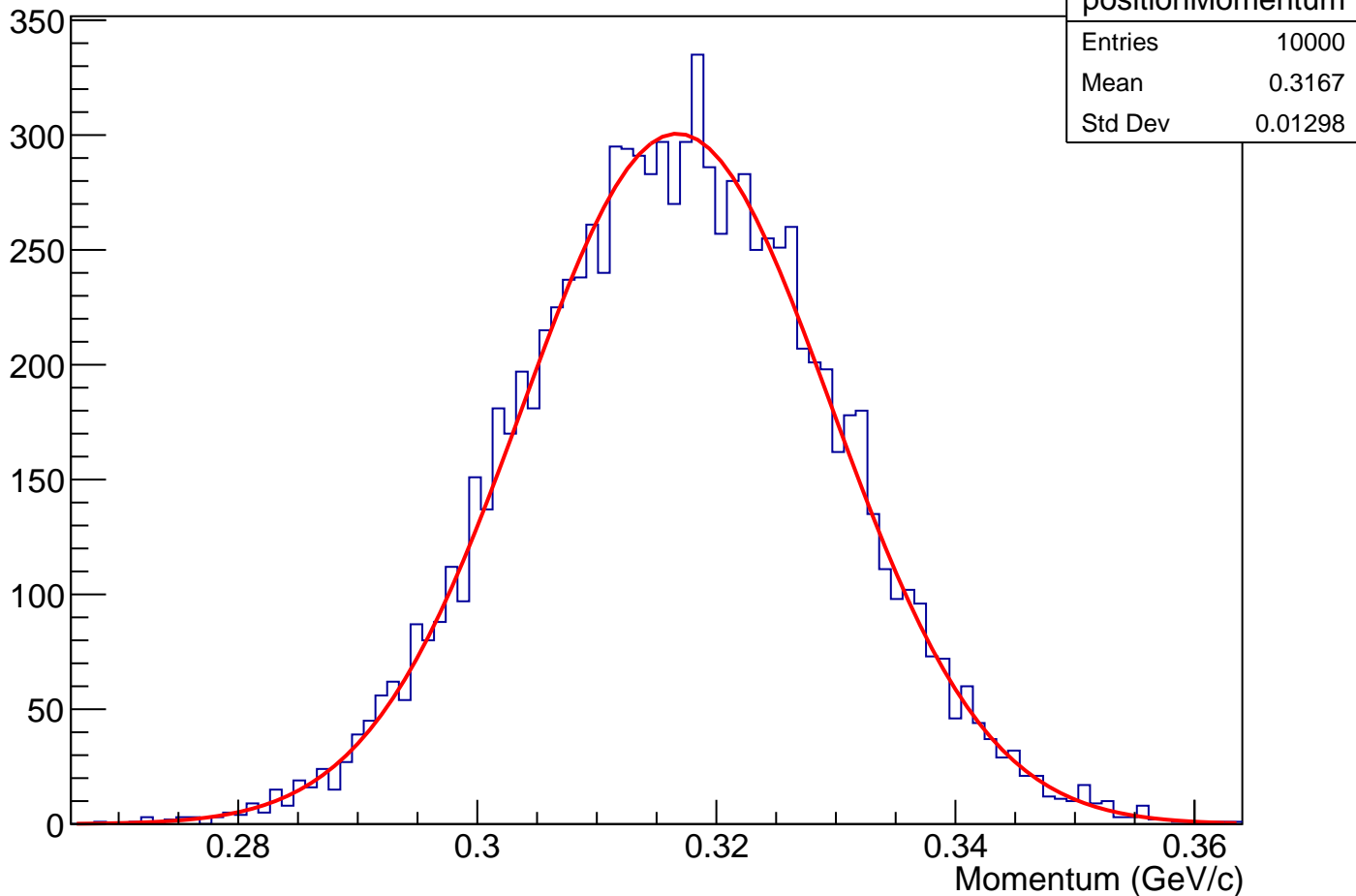
Momentum (GeV/c)

positionMomentum	
Entries	10000
Mean	0.3988
Std Dev	0.01678



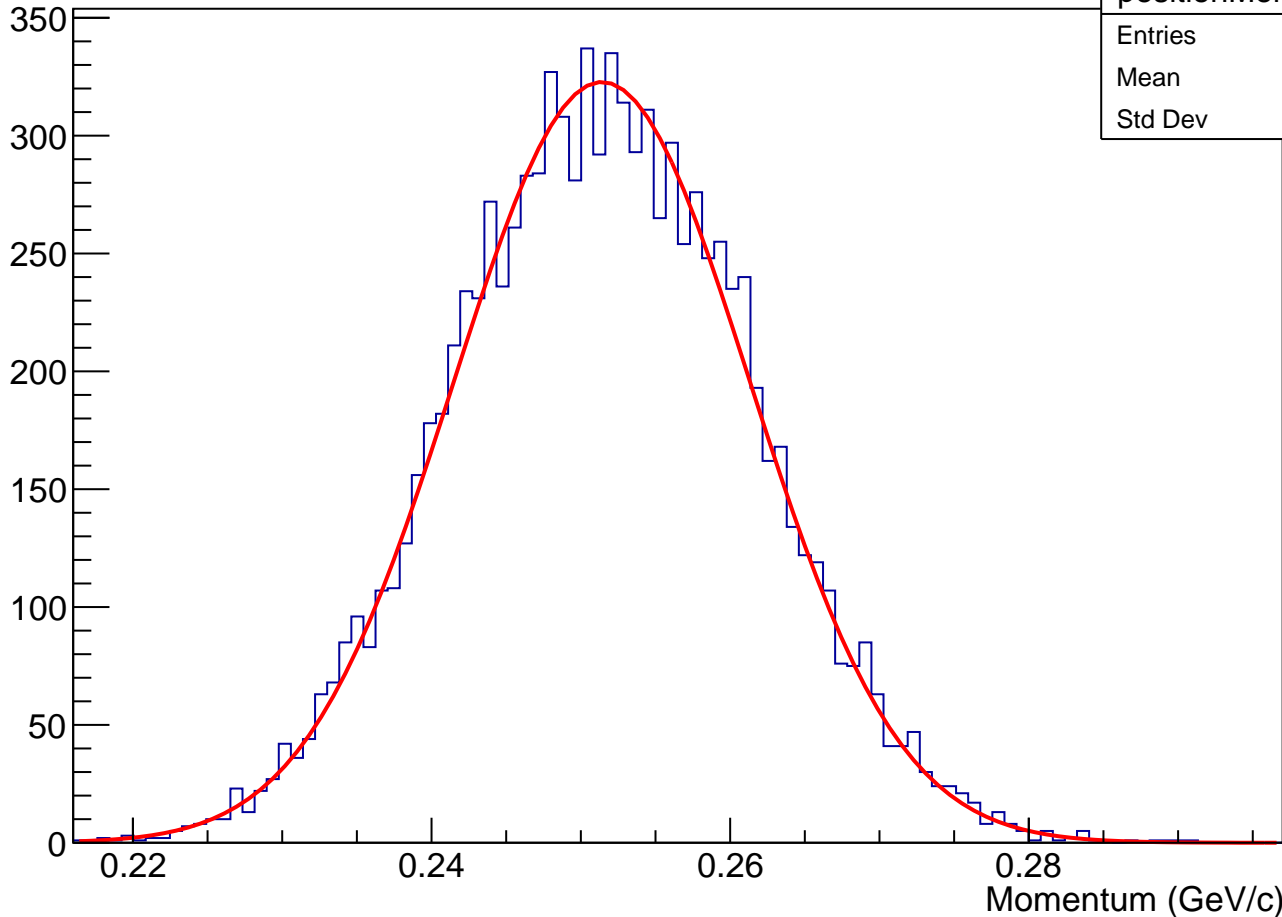
Momentum Distribution (Resolution = 10 μm)

Counts



Momentum Distribution (Resolution = 10 μm)

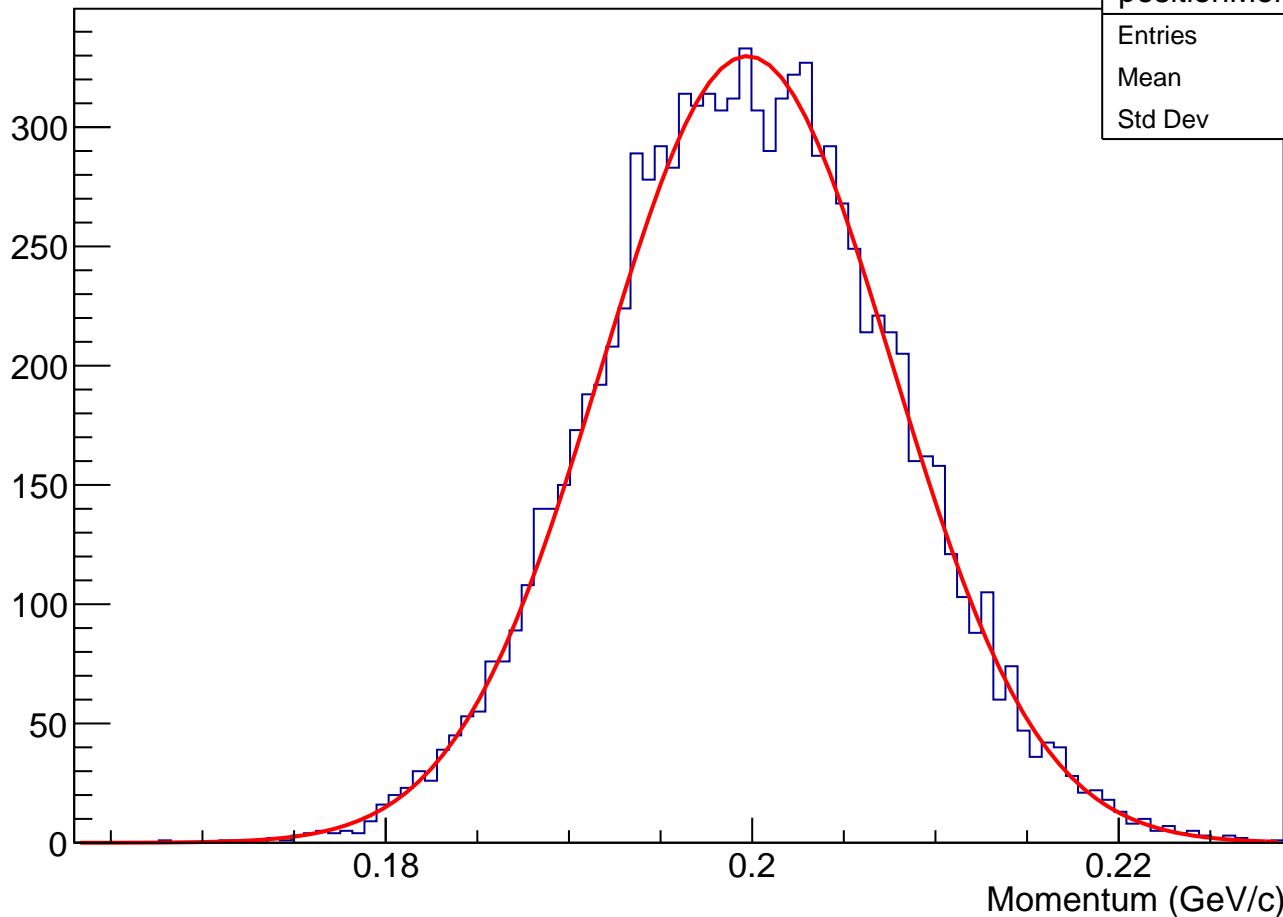
Counts



positionMomentum	
Entries	10000
Mean	0.2515
Std Dev	0.01004

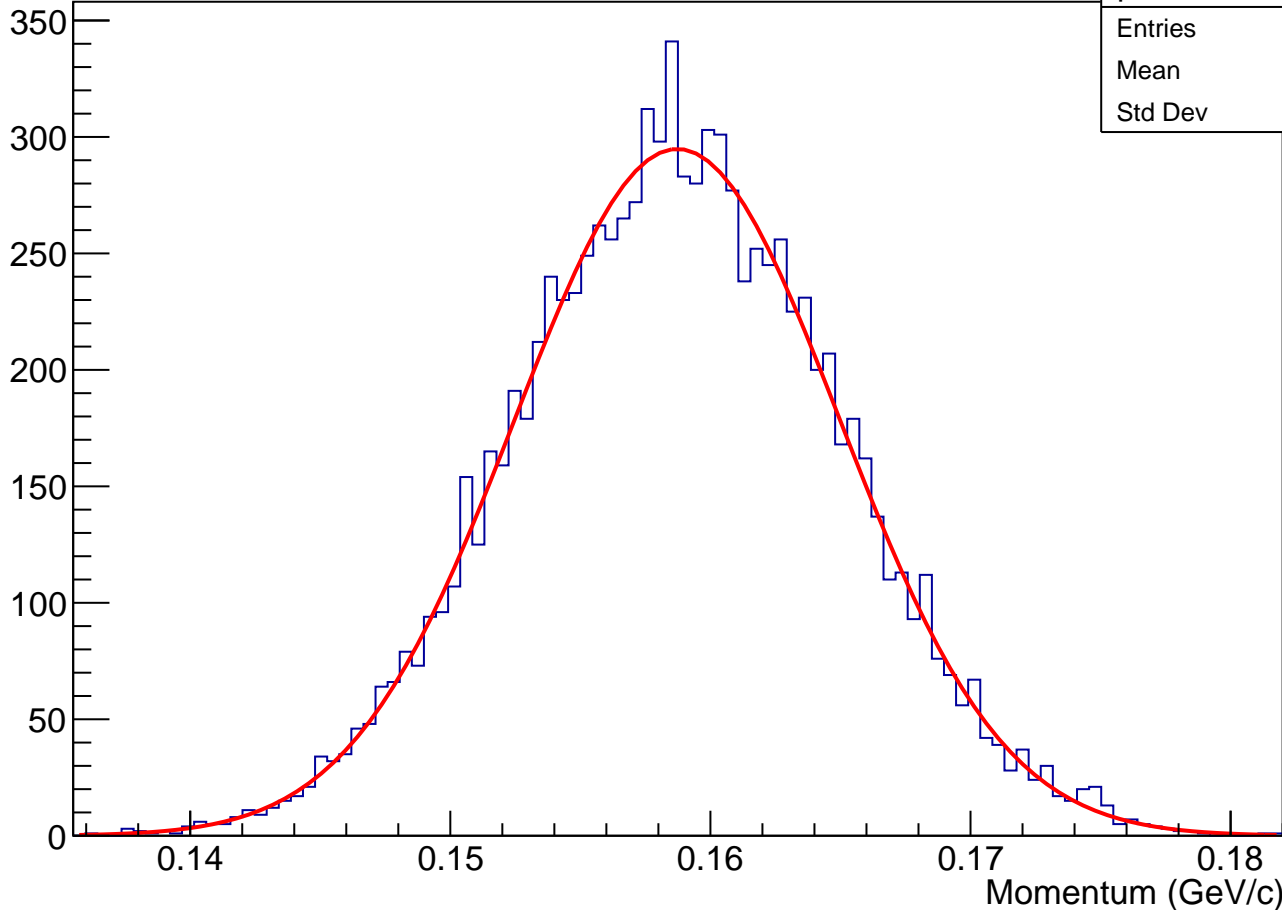
Momentum Distribution (Resolution = 10 μm)

Counts



Momentum Distribution (Resolution = 10 μm)

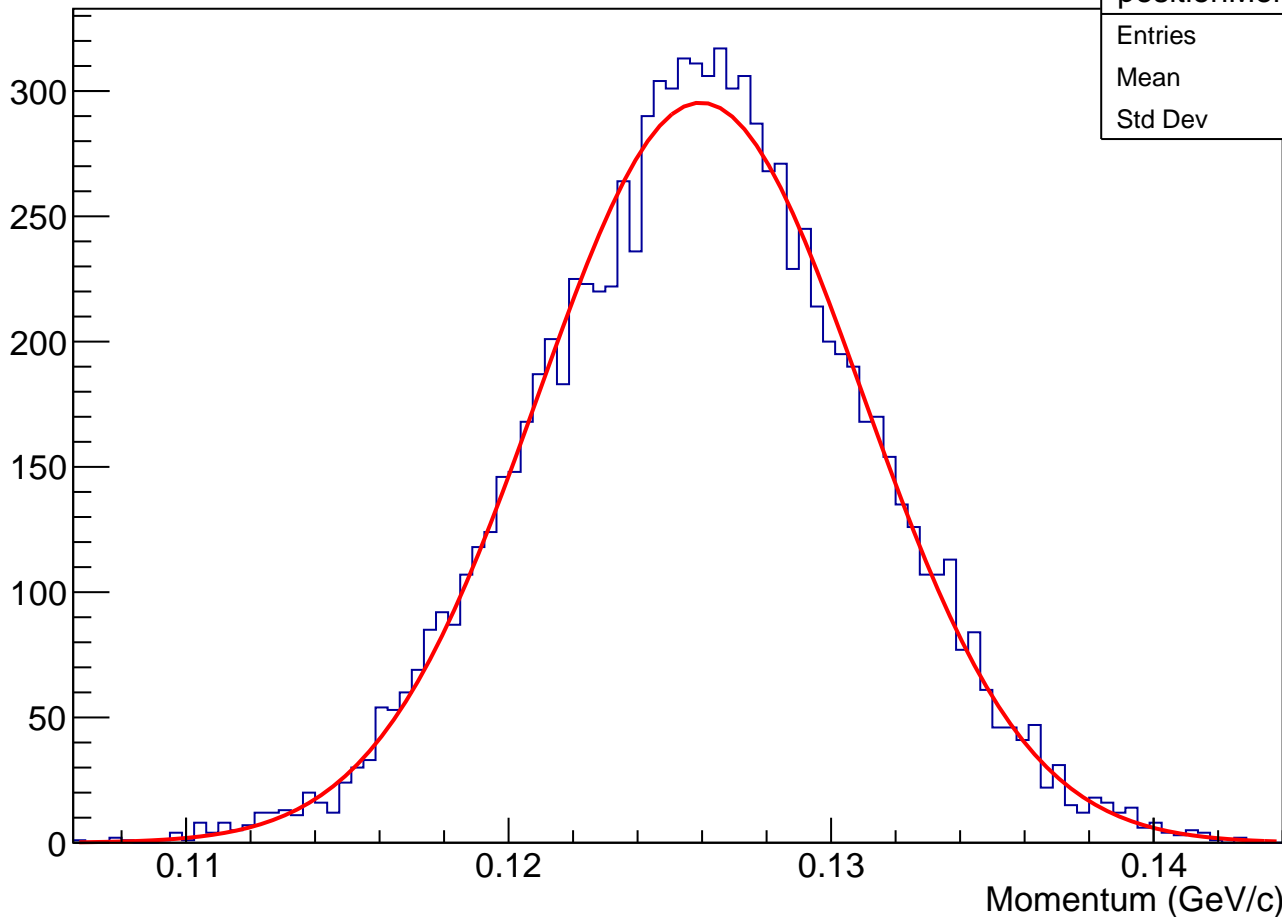
Counts



positionMomentum	
Entries	10000
Mean	0.1587
Std Dev	0.006274

Momentum Distribution (Resolution = 10 μm)

Counts



positionMomentum

Entries 10000

Mean 0.1259

Std Dev 0.005067

Momentum (GeV/c)

Momentum Distribution (Resolution = 10 μm)

Counts

350
300
250
200
150
100
50
0

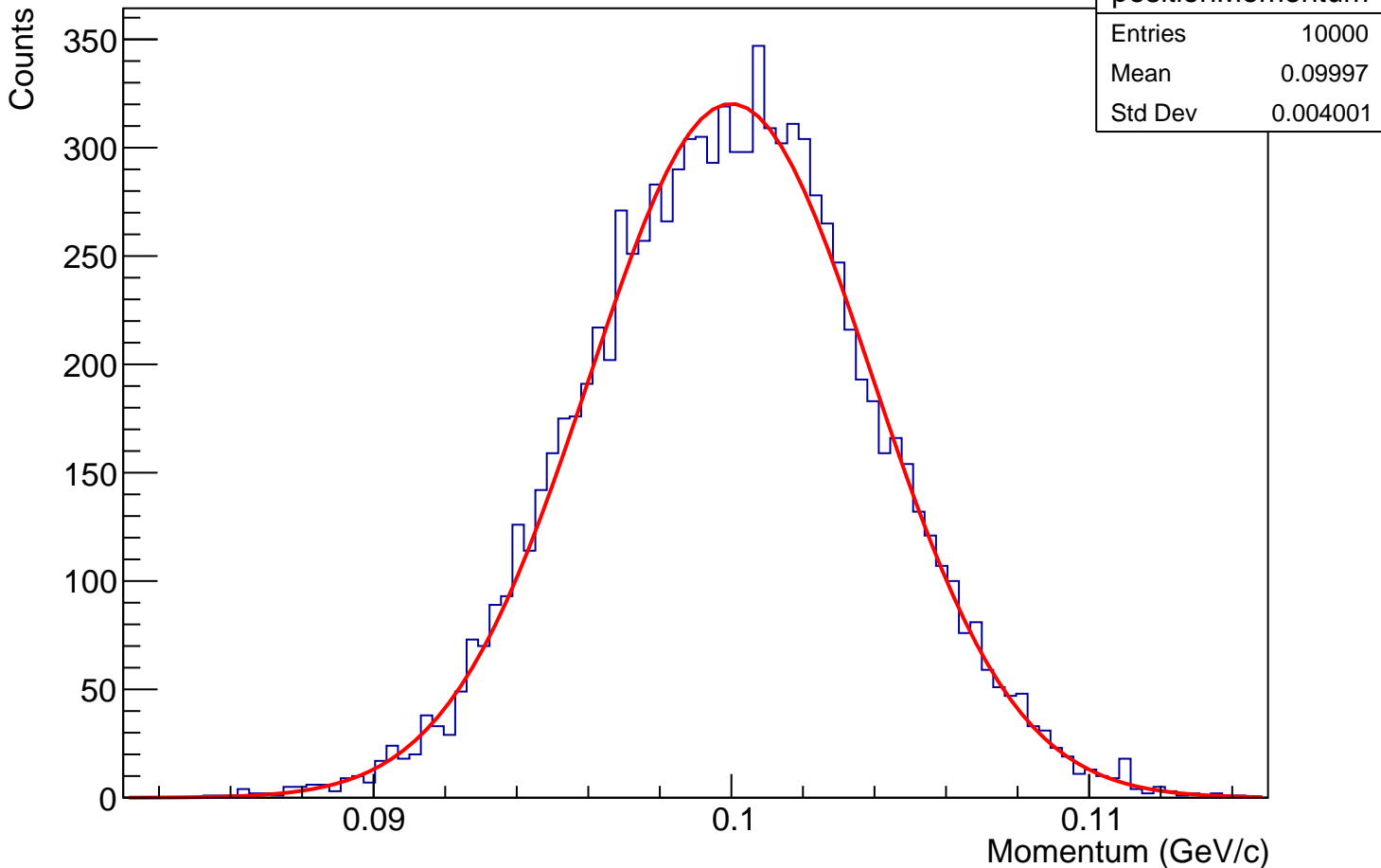
0.09

0.1

0.11

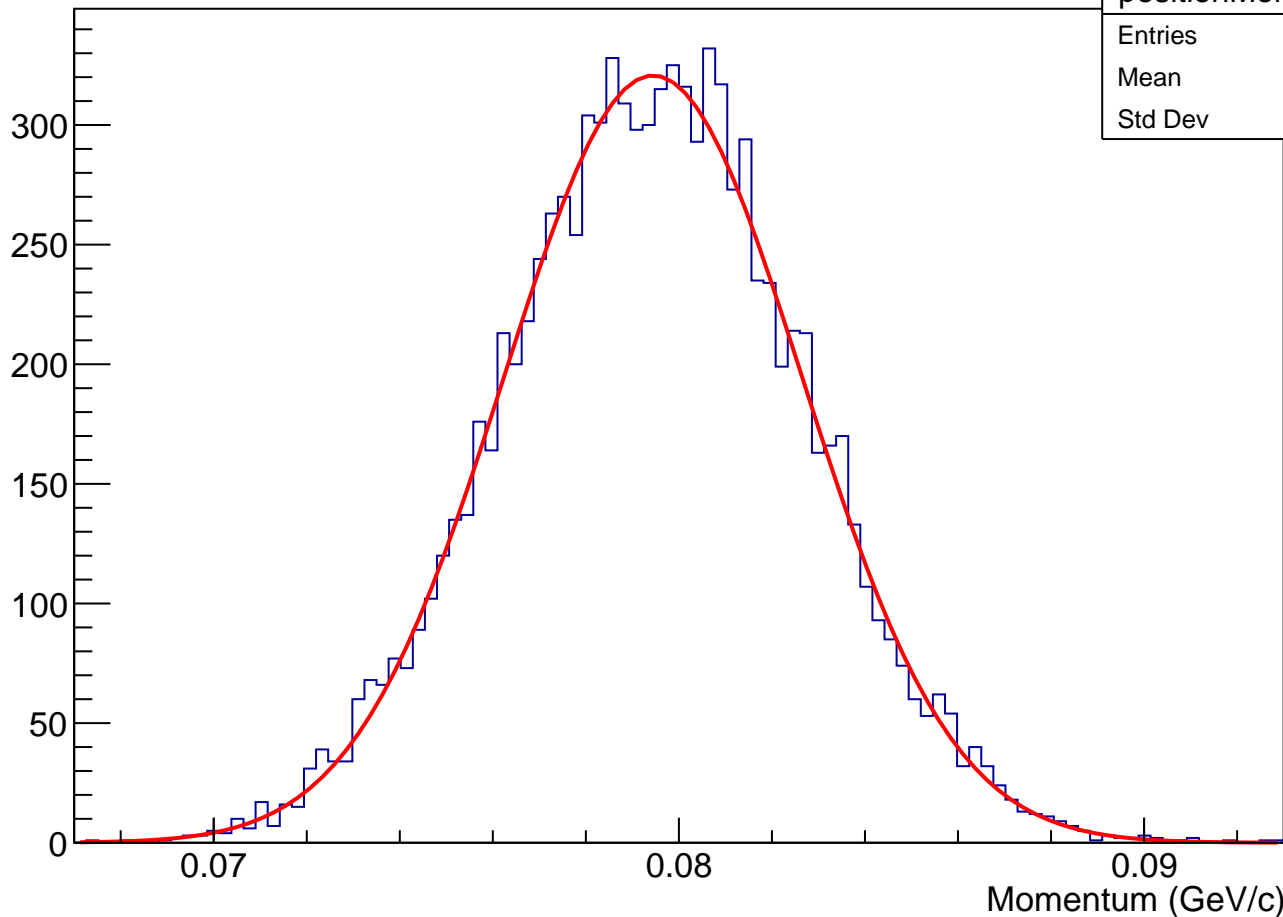
Momentum (GeV/c)

positionMomentum	
Entries	10000
Mean	0.09997
Std Dev	0.004001



Momentum Distribution (Resolution = 10 μm)

Counts



position	Momentum
Entries	10000
Mean	0.07945
Std Dev	0.00324

Momentum Distribution (Resolution = 10 μm)

Counts

300
250
200
150
100
50
0

0.055

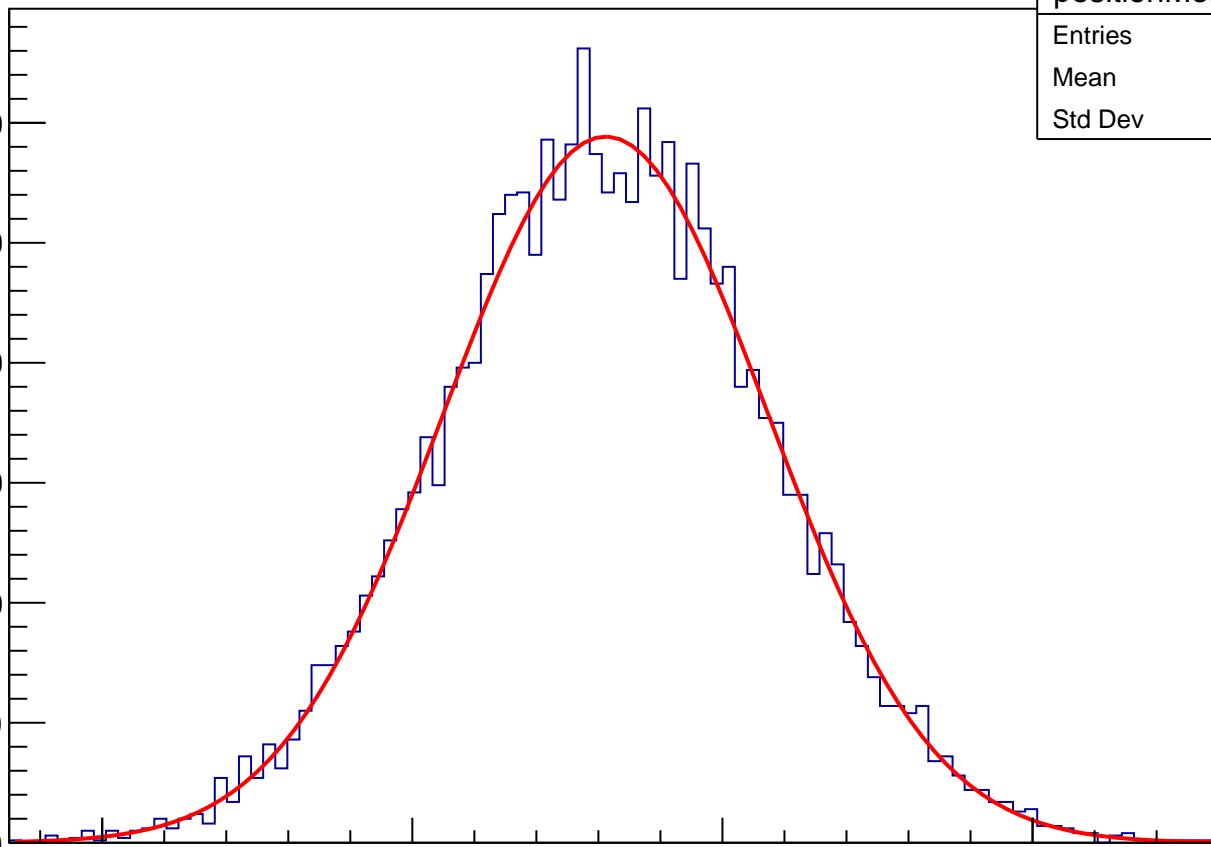
0.06

0.065

0.07

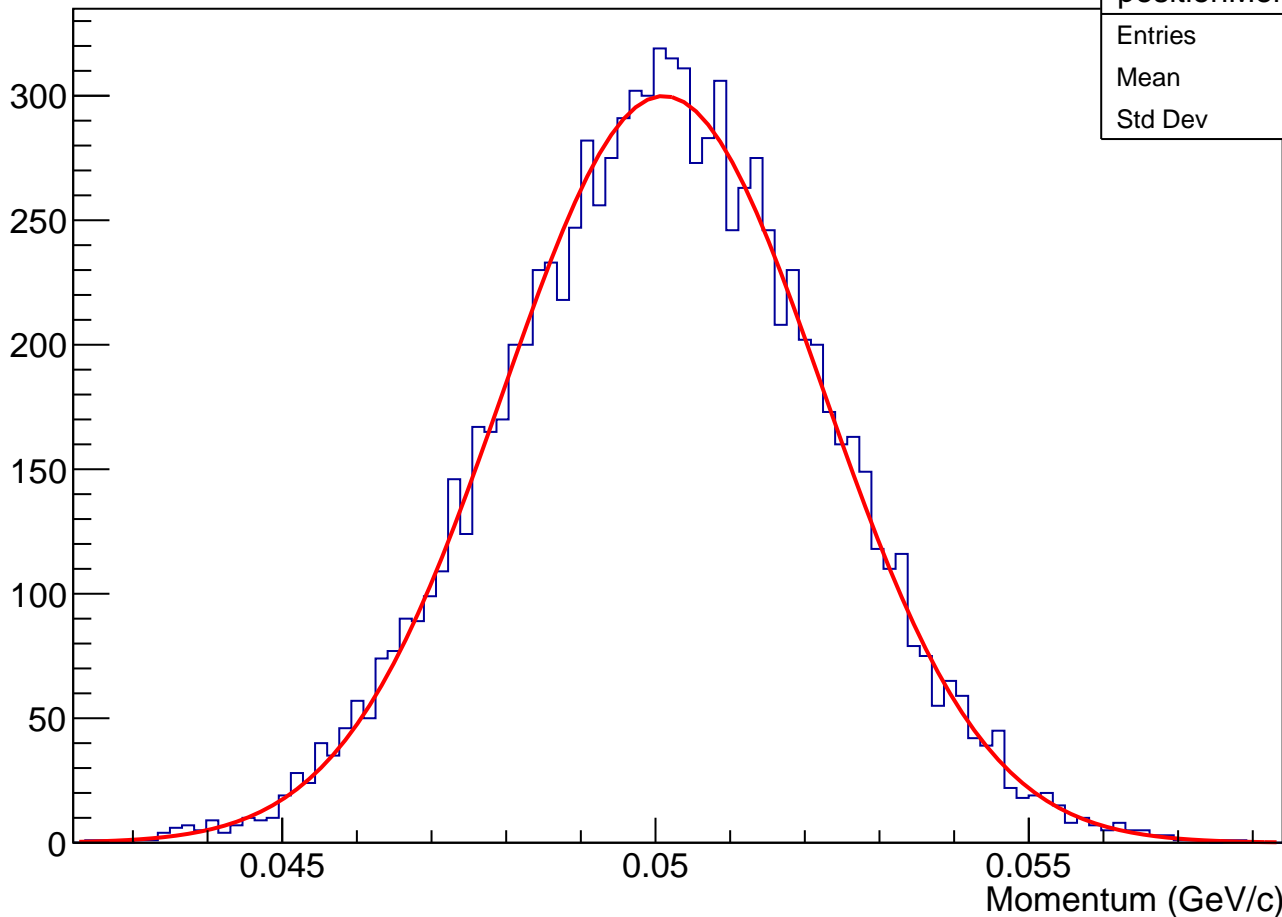
Momentum (GeV/c)

positionMomentum	
Entries	10000
Mean	0.06311
Std Dev	0.002638



Momentum Distribution (Resolution = 10 μm)

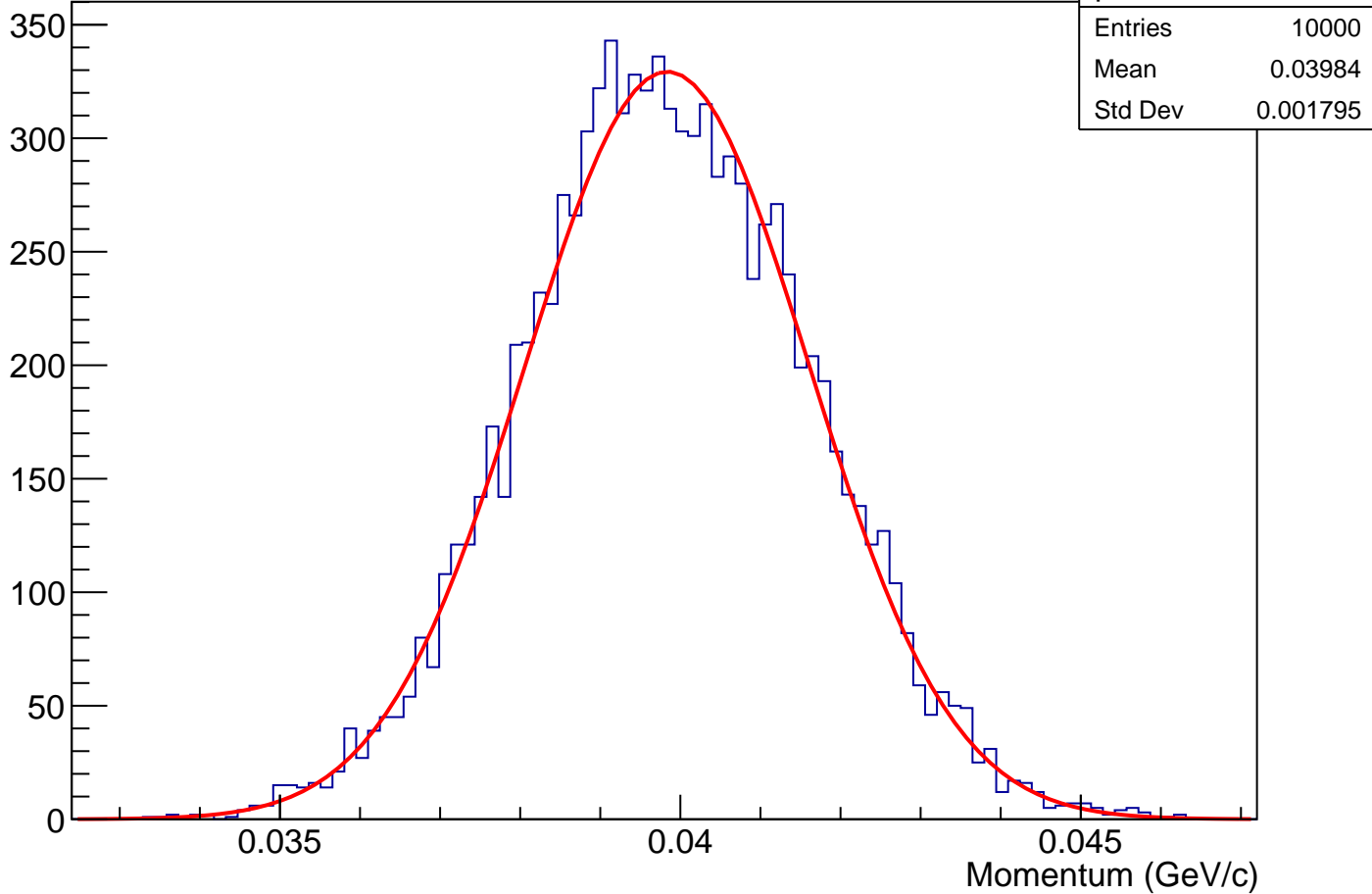
Counts



position	Momentum
Entries	10000
Mean	0.05011
Std Dev	0.002151

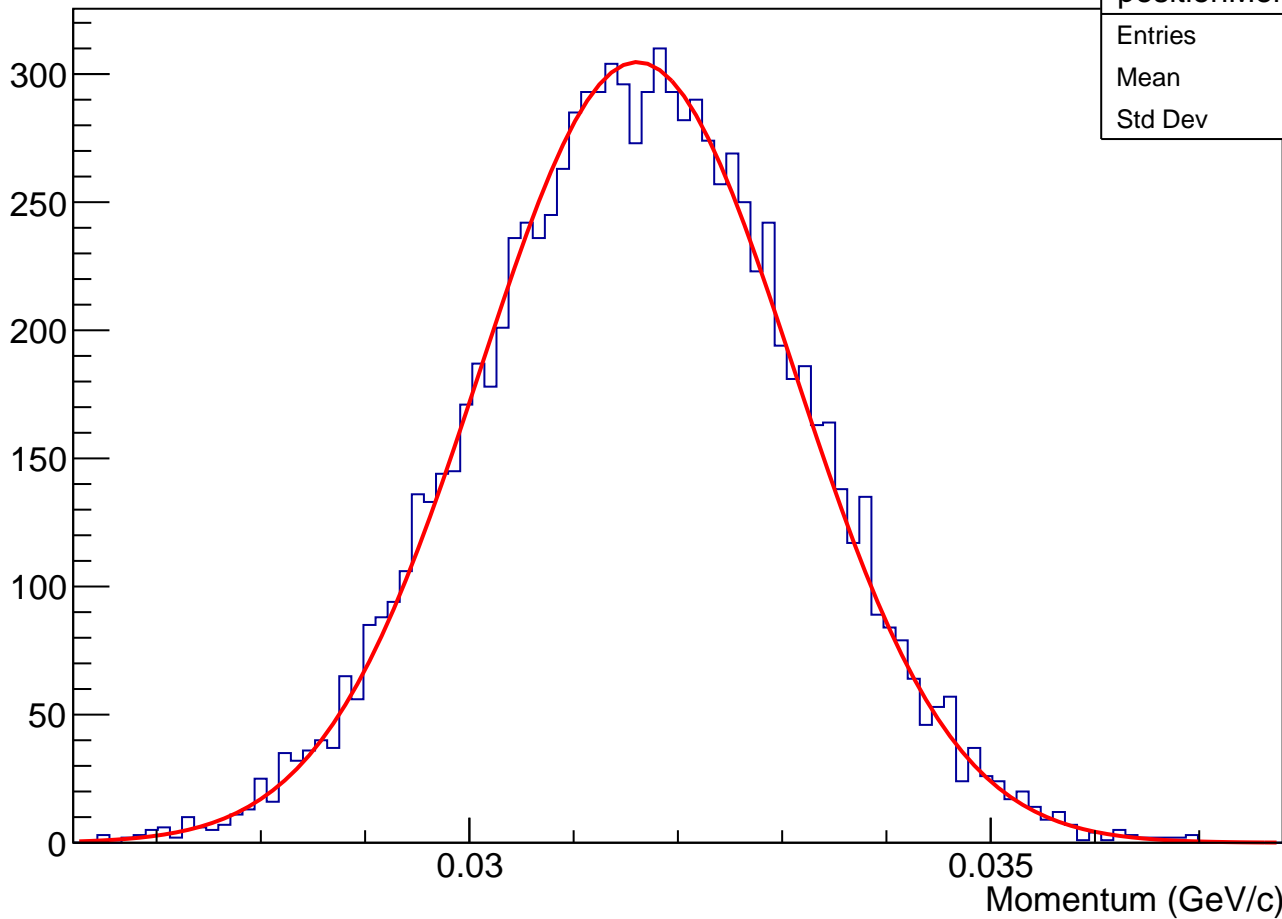
Momentum Distribution (Resolution = 10 μm)

Counts



Momentum Distribution (Resolution = 10 μm)

Counts



position	Momentum
Entries	10000
Mean	0.03162
Std Dev	0.00153

Momentum Distribution (Resolution = 10 μm)

Counts

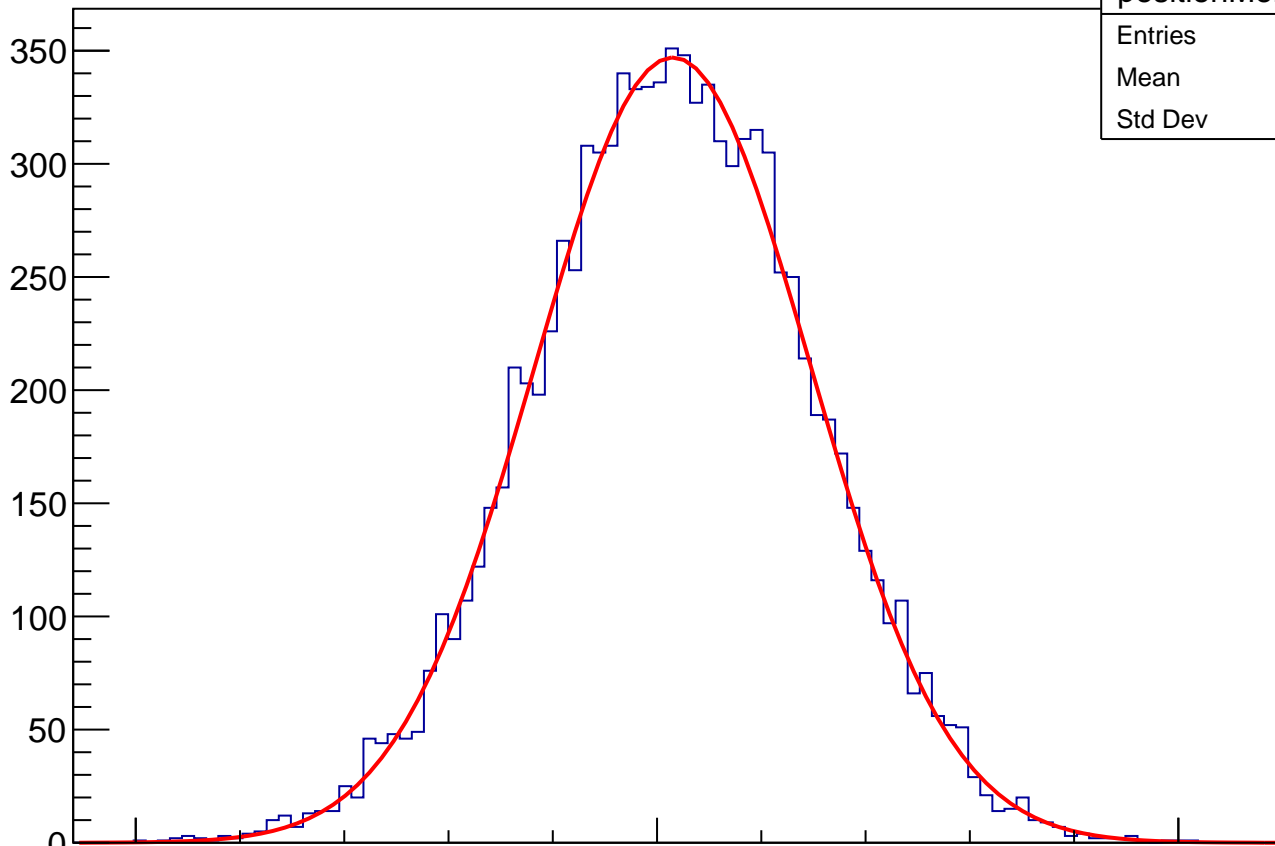
350
300
250
200
150
100
50
0

0.02

0.025

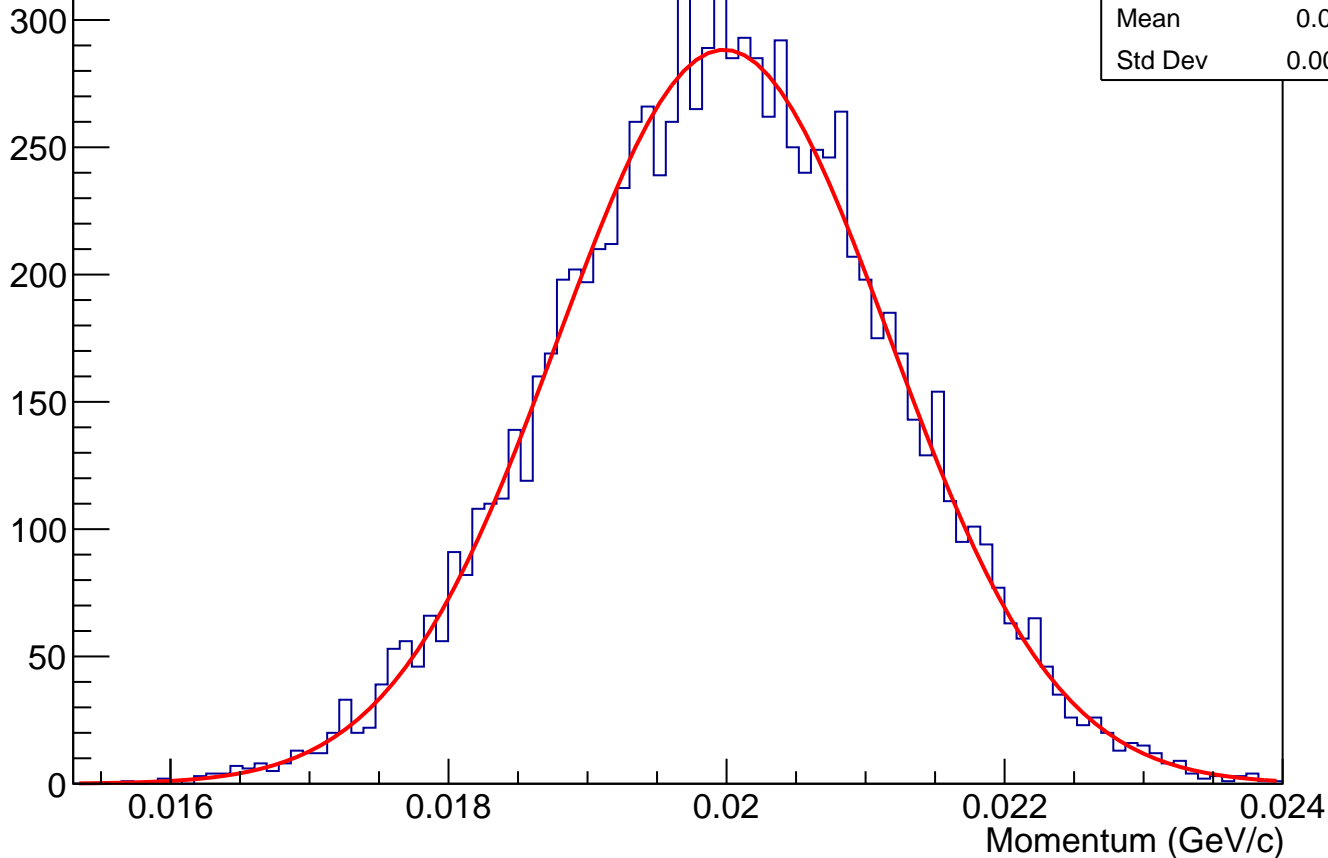
Momentum (GeV/c)

positionMomentum	
Entries	10000
Mean	0.02515
Std Dev	0.001337



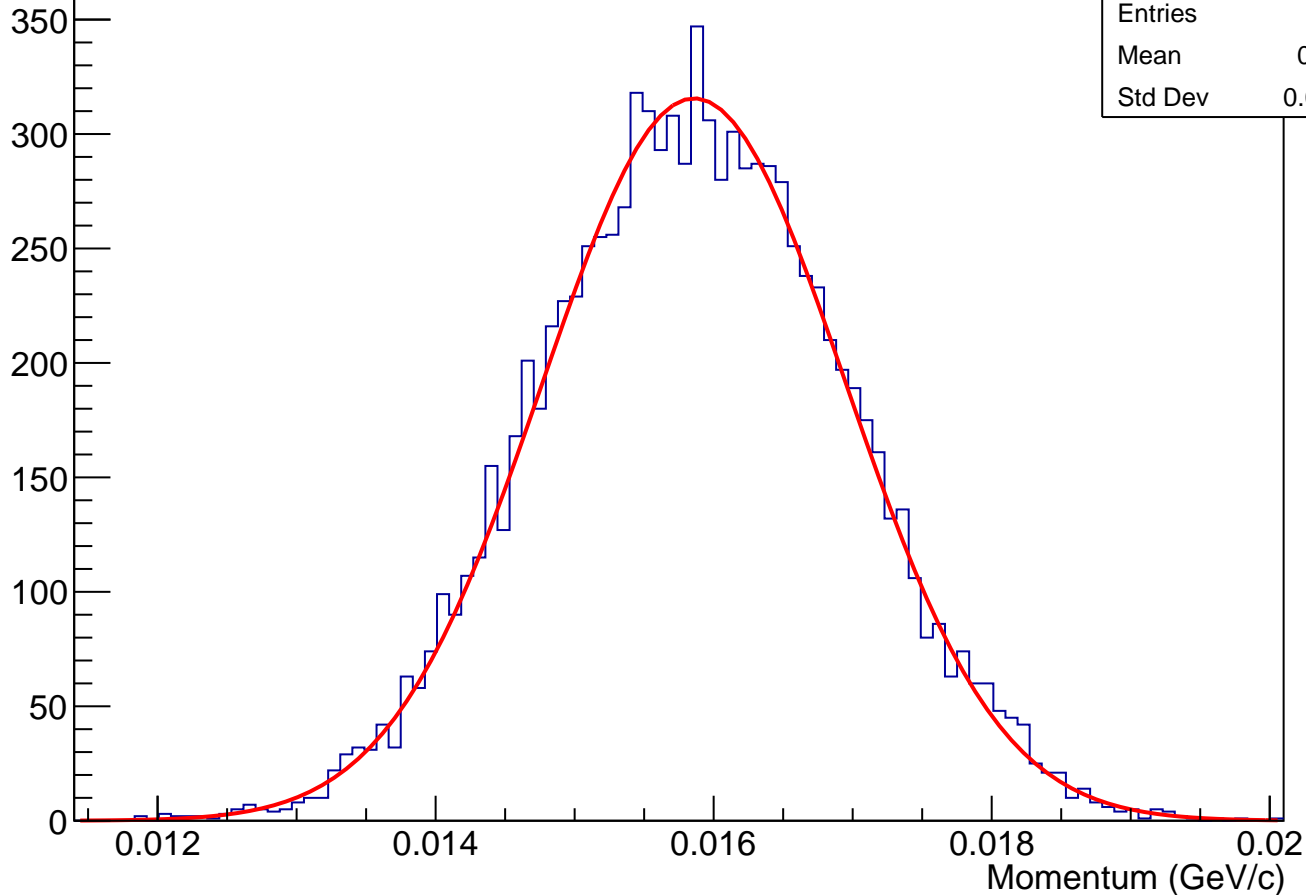
Momentum Distribution (Resolution = 10 μm)

Counts



Momentum Distribution (Resolution = 10 μm)

Counts



Momentum Distribution (Resolution = 10 μm)

Counts

300
250
200
150
100
50
0

0.01

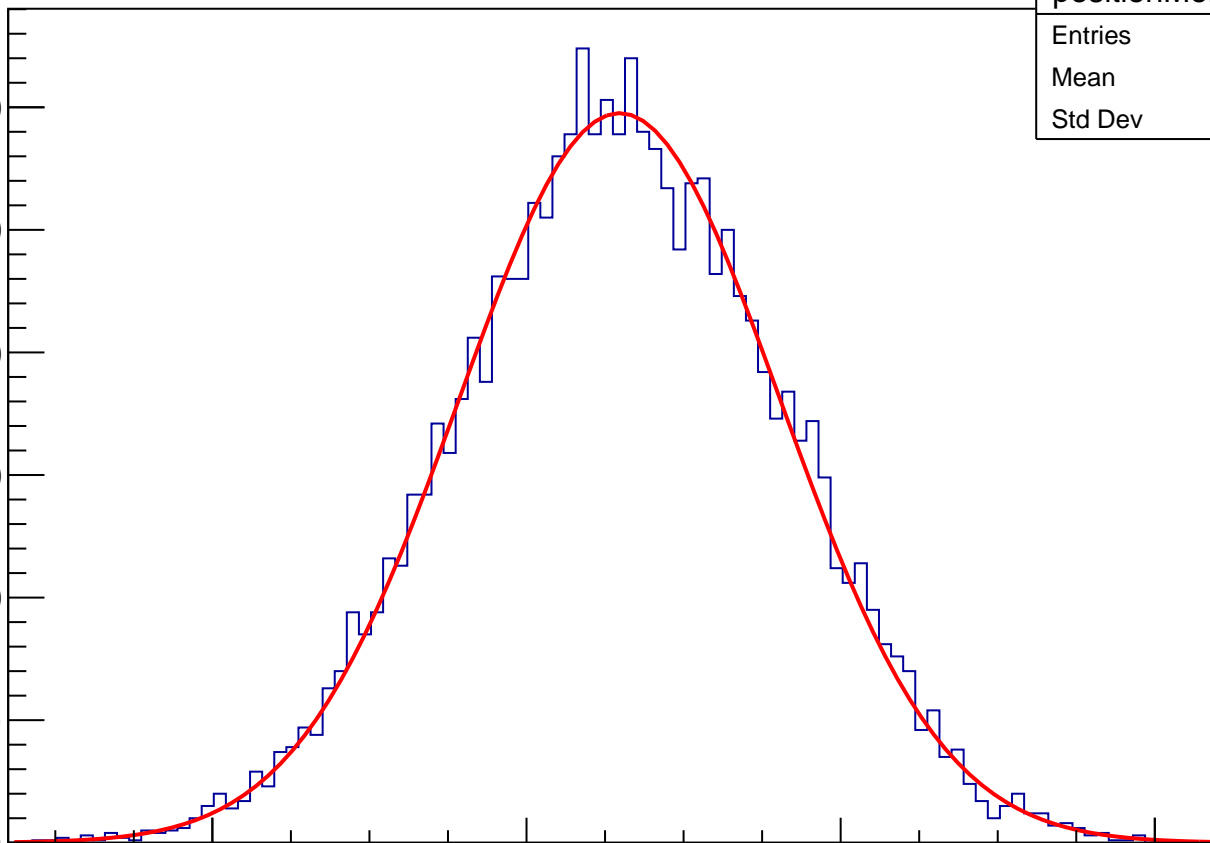
0.012

0.014

0.016

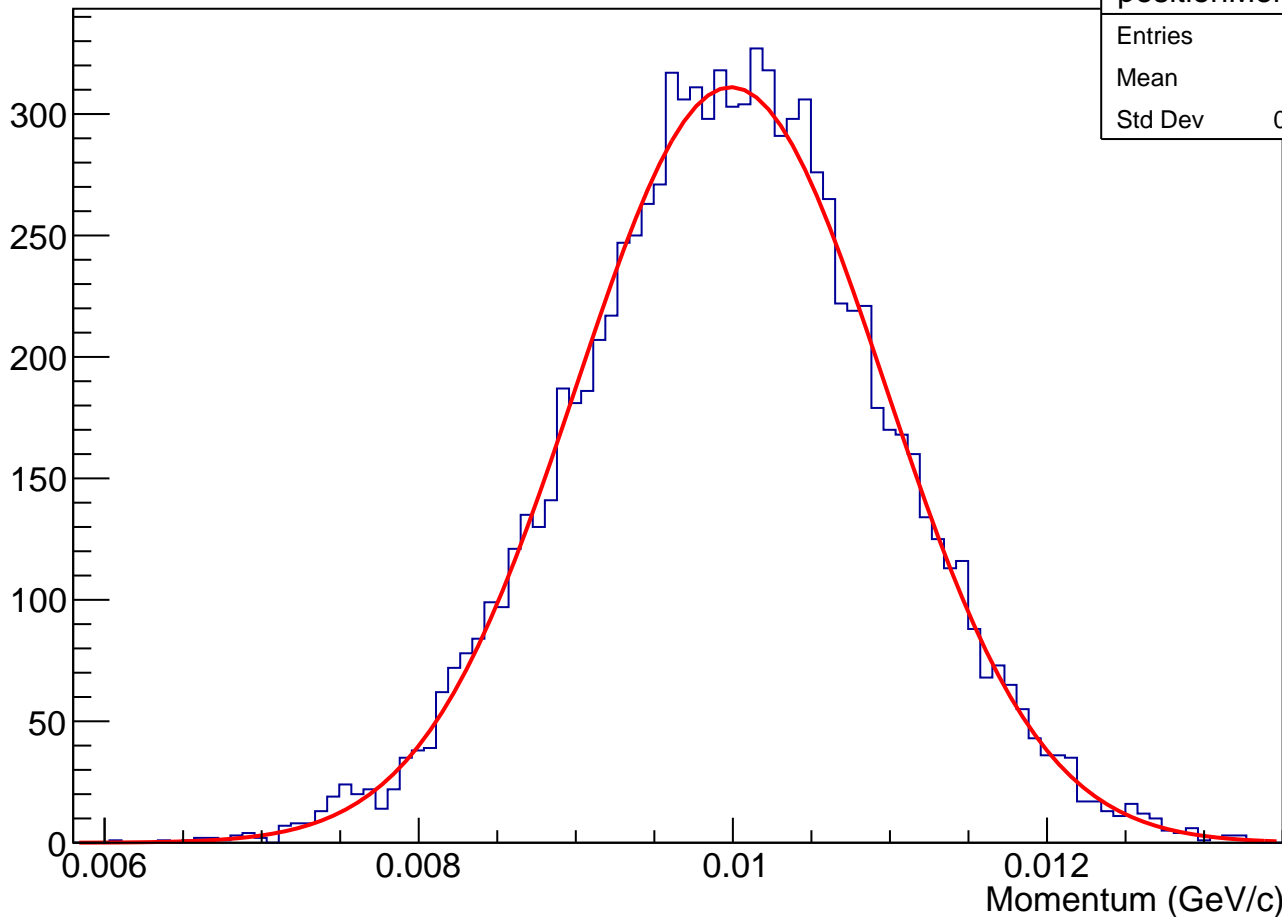
Momentum (GeV/c)

positionMomentum	
Entries	10000
Mean	0.01259
Std Dev	0.001033



Momentum Distribution (Resolution = 10 μm)

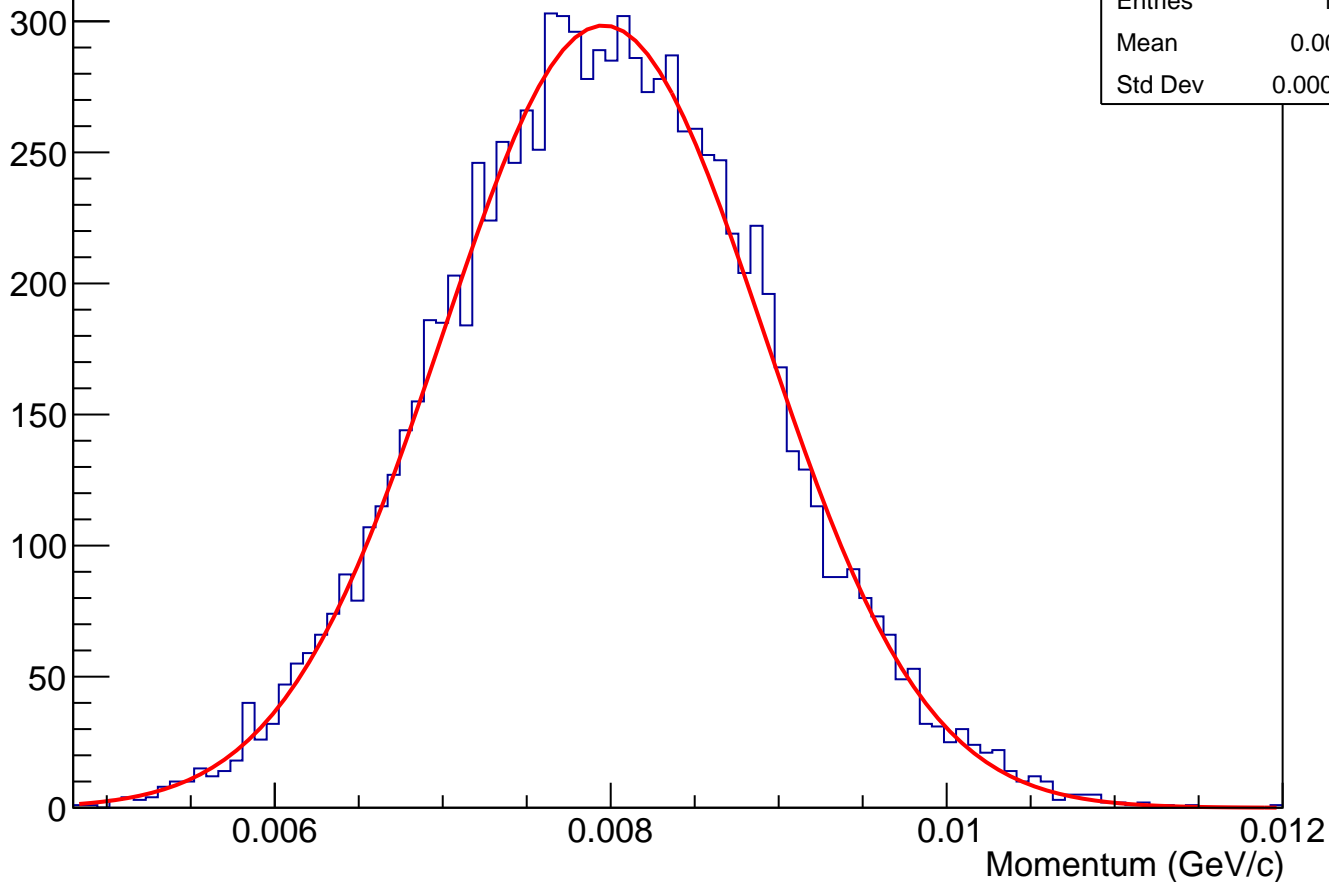
Counts



position	Momentum
Entries	10000
Mean	0.009986
Std Dev	0.0009889

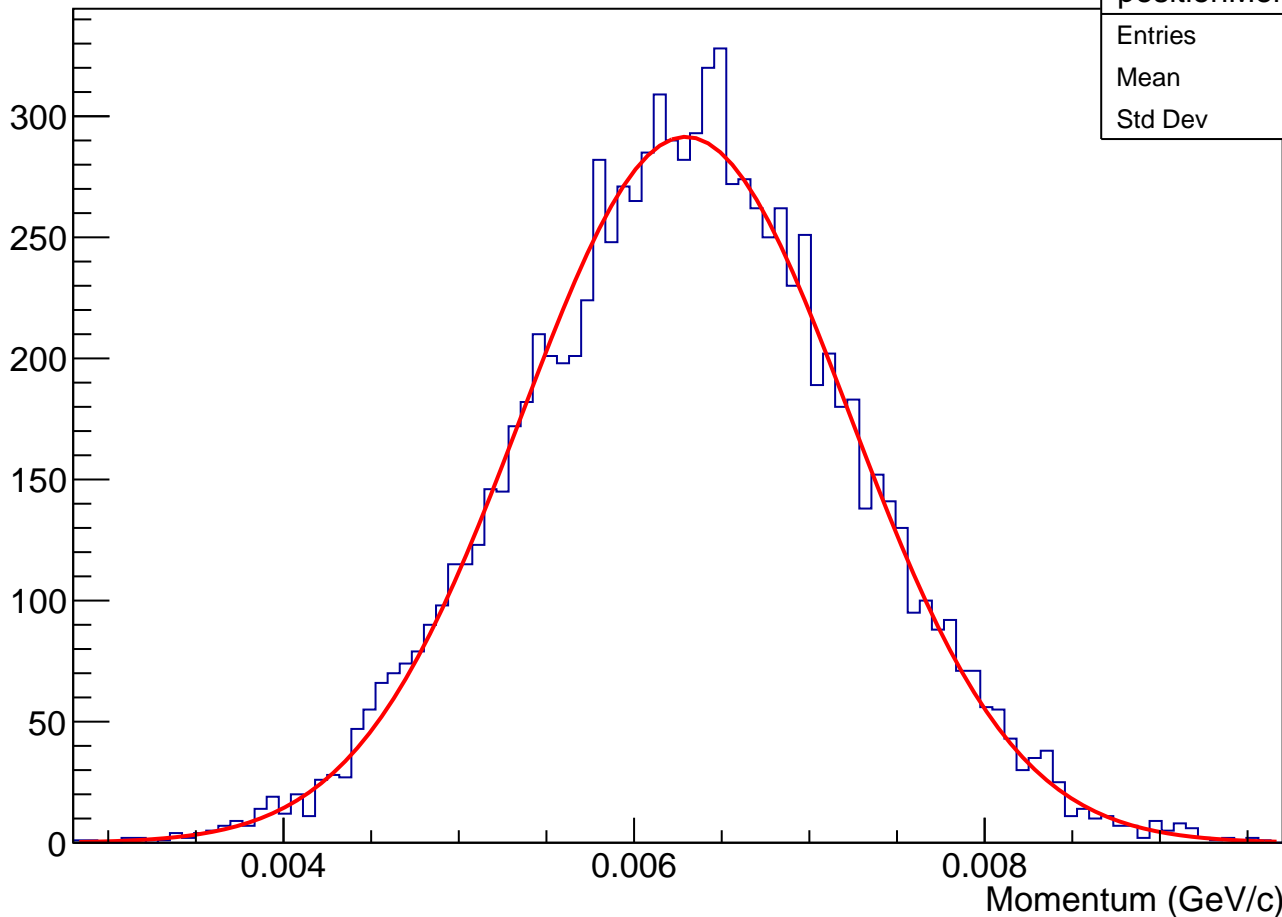
Momentum Distribution (Resolution = 10 μm)

Counts



Momentum Distribution (Resolution = 10 μm)

Counts

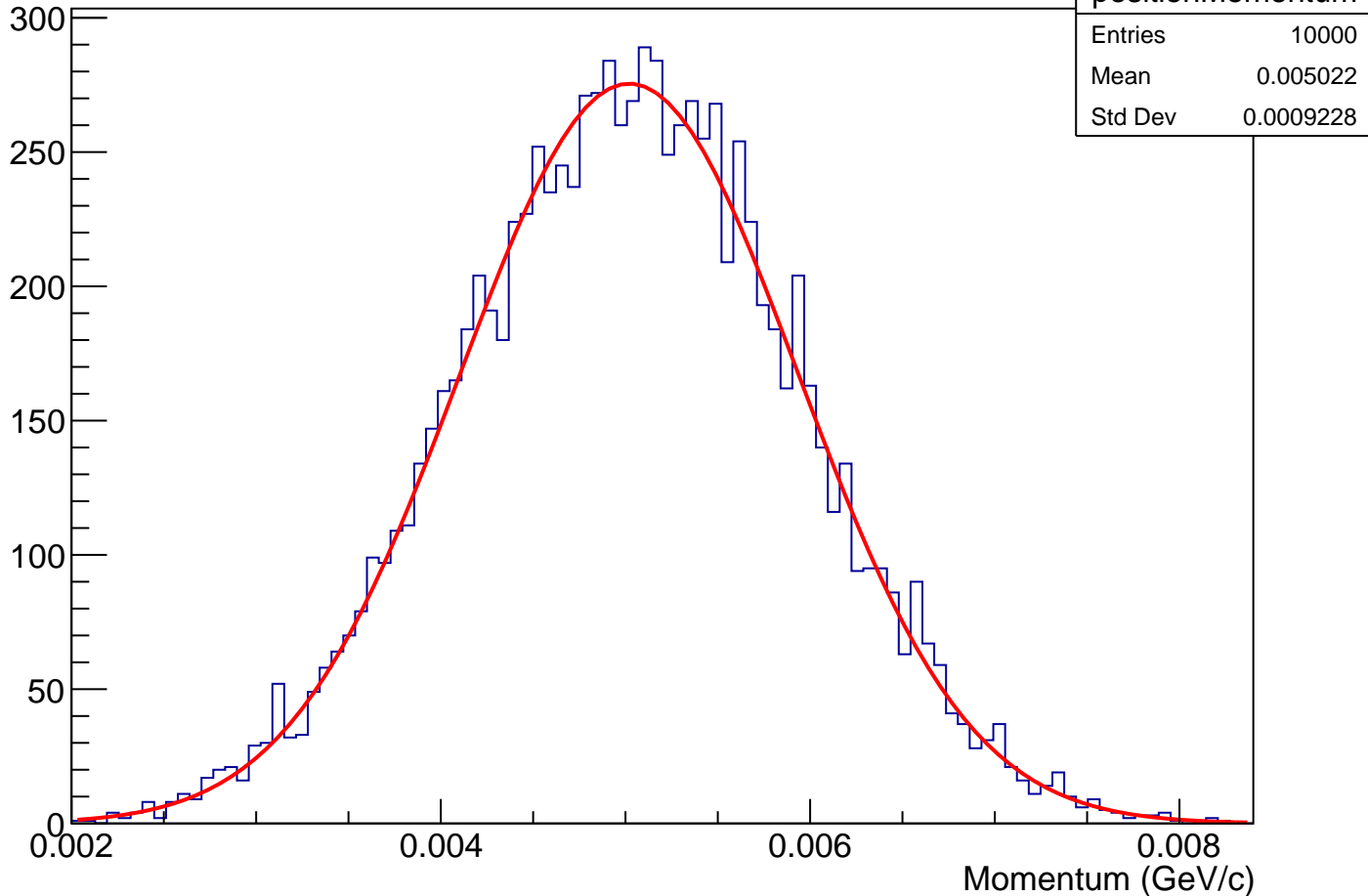


position	Momentum
Entries	10000
Mean	0.006298
Std Dev	0.000946

Momentum (GeV/c)

Momentum Distribution (Resolution = 10 μm)

Counts



Momentum Distribution (Resolution = 10 μm)

Counts

300
250
200
150
100
50
0

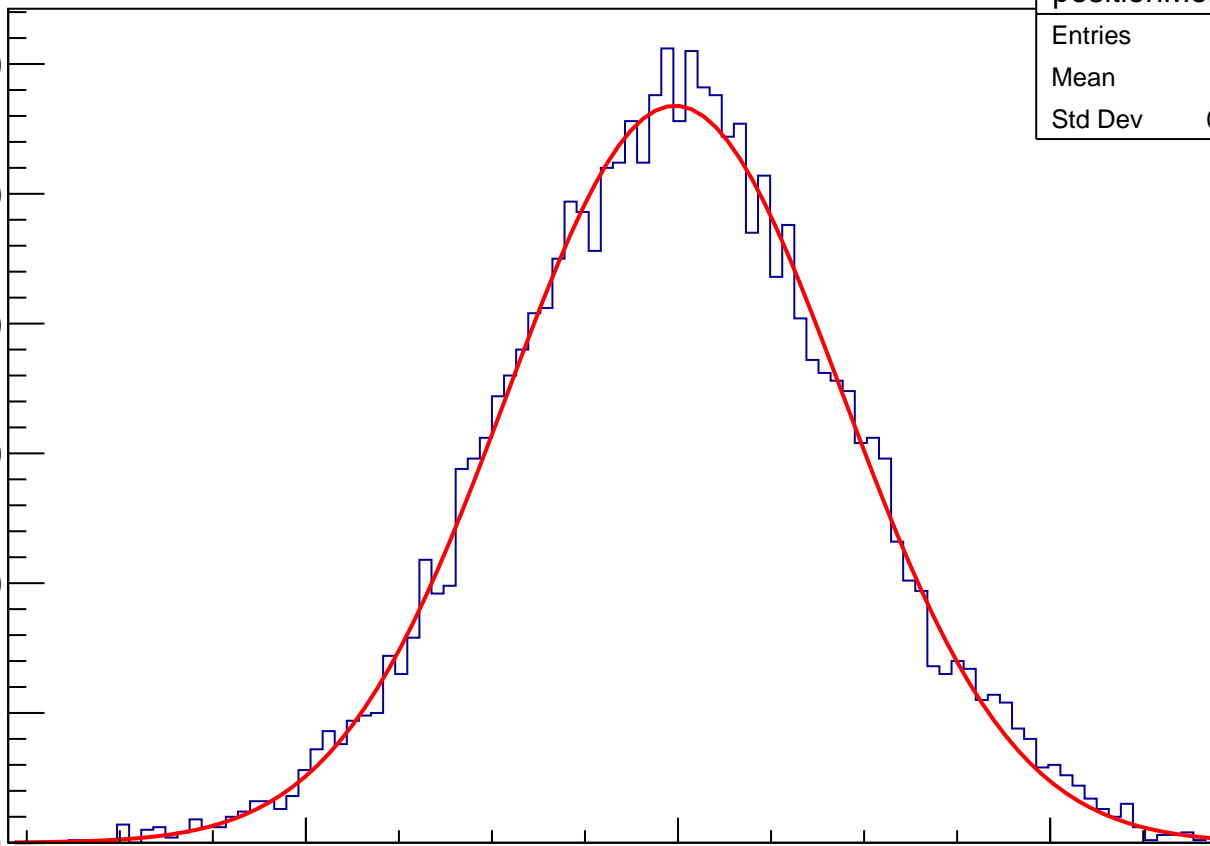
0.002

0.004

0.006

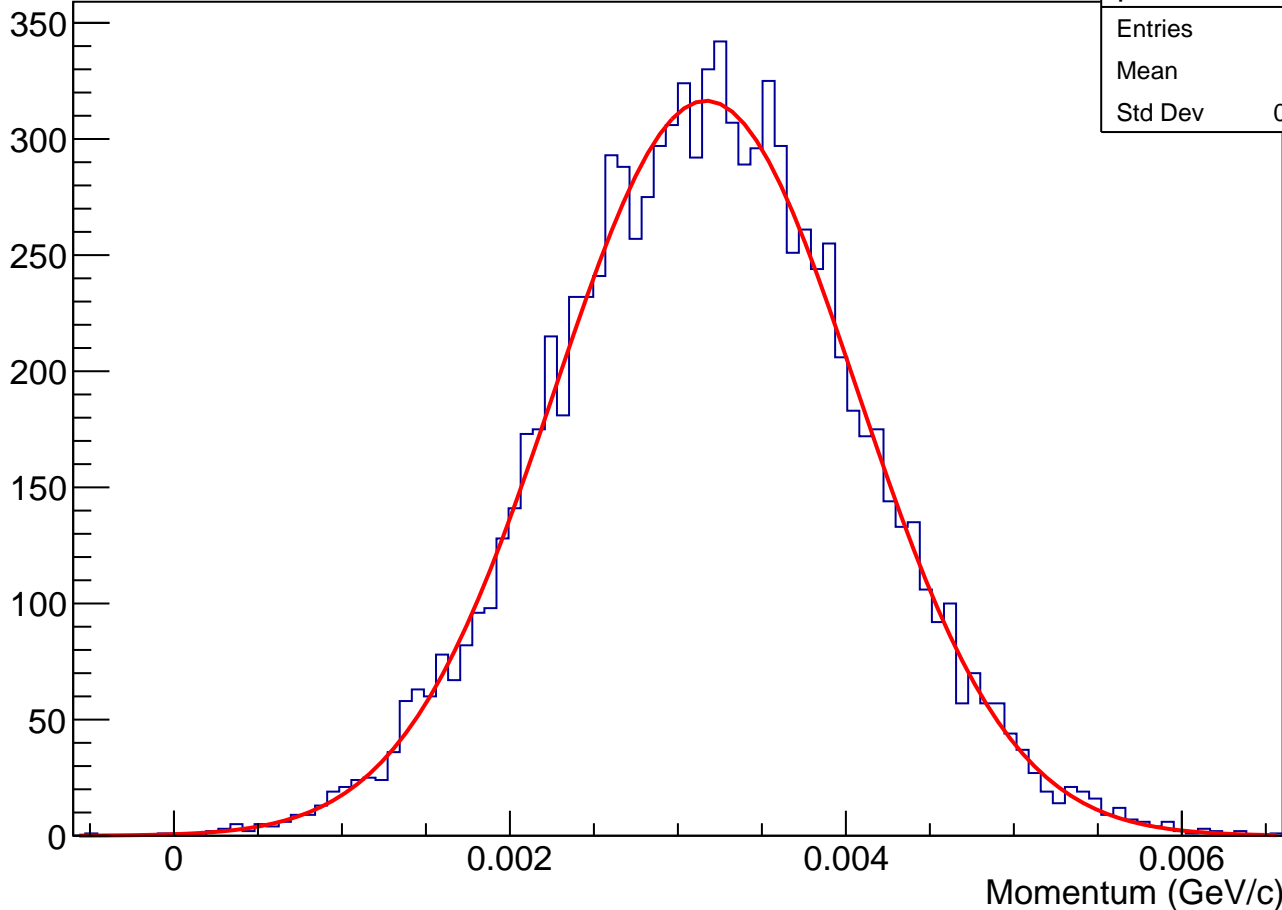
Momentum (GeV/c)

positionMomentum	
Entries	10000
Mean	0.003987
Std Dev	0.0009161



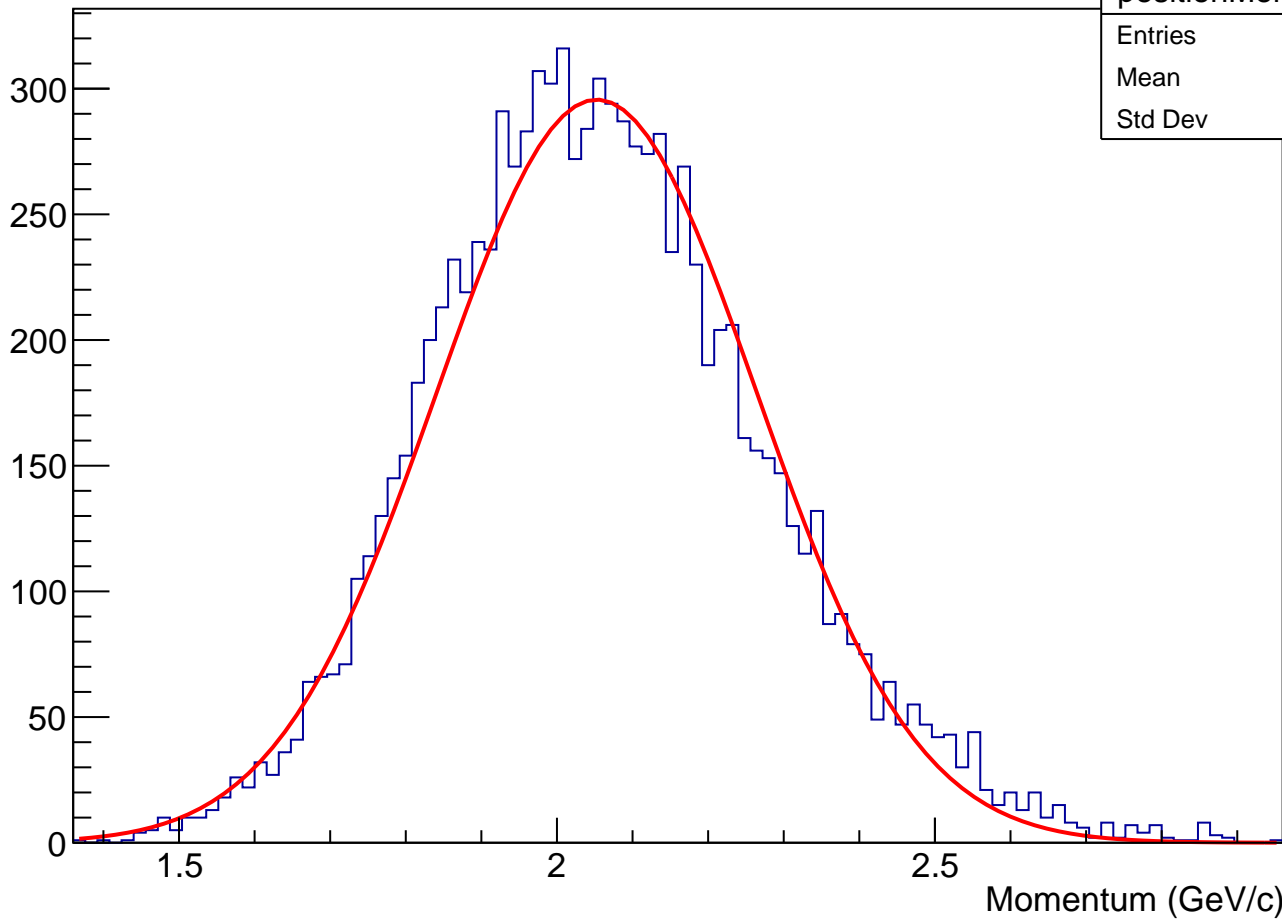
Momentum Distribution (Resolution = 10 μm)

Counts



Momentum Distribution (Resolution = 30 μm)

Counts

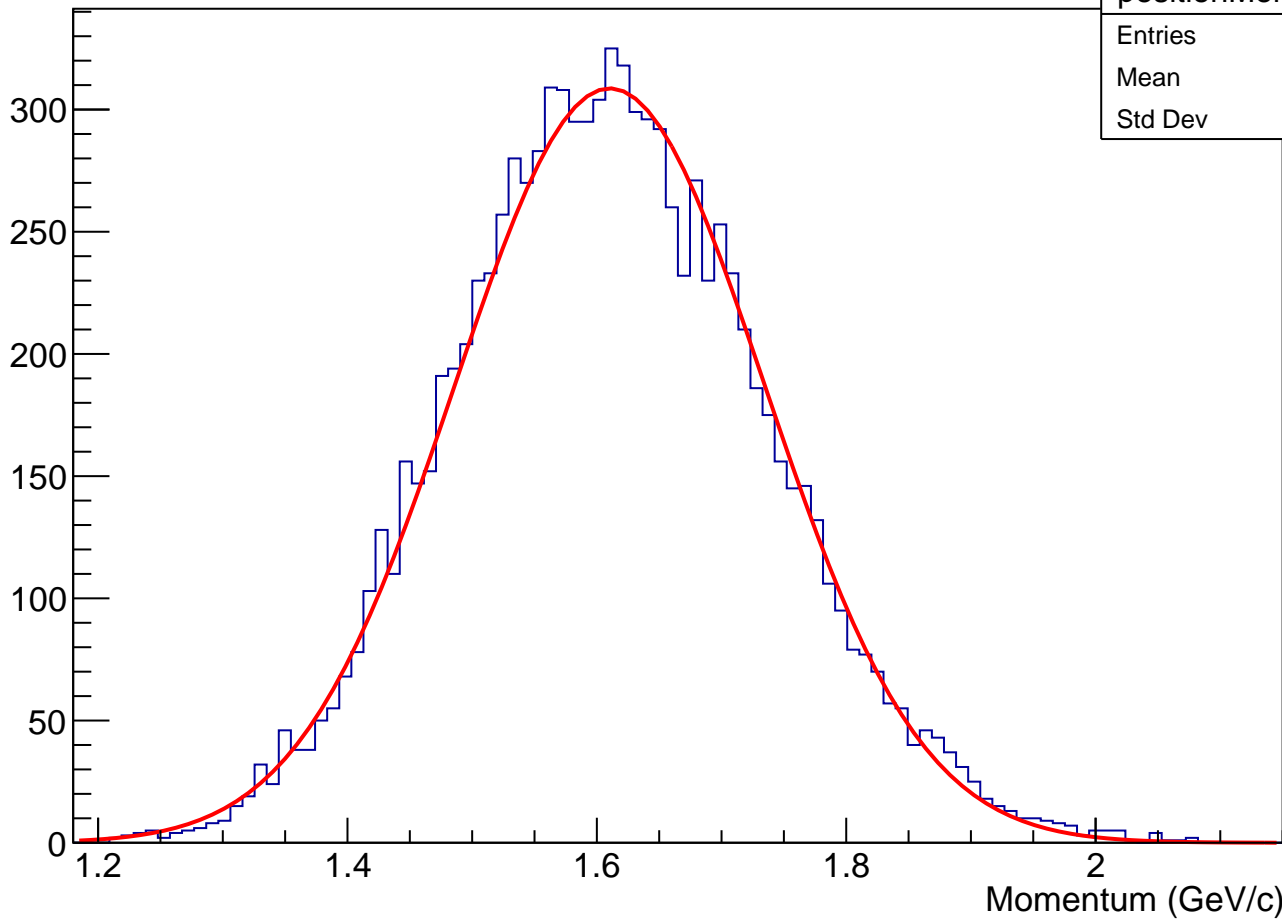


position	Momentum
Entries	10000
Mean	2.058
Std Dev	0.2196

Momentum (GeV/c)

Momentum Distribution (Resolution = 30 μm)

Counts



Momentum (GeV/c)

Momentum Distribution (Resolution = 30 μm)

Counts

300
250
200
150
100
50
0

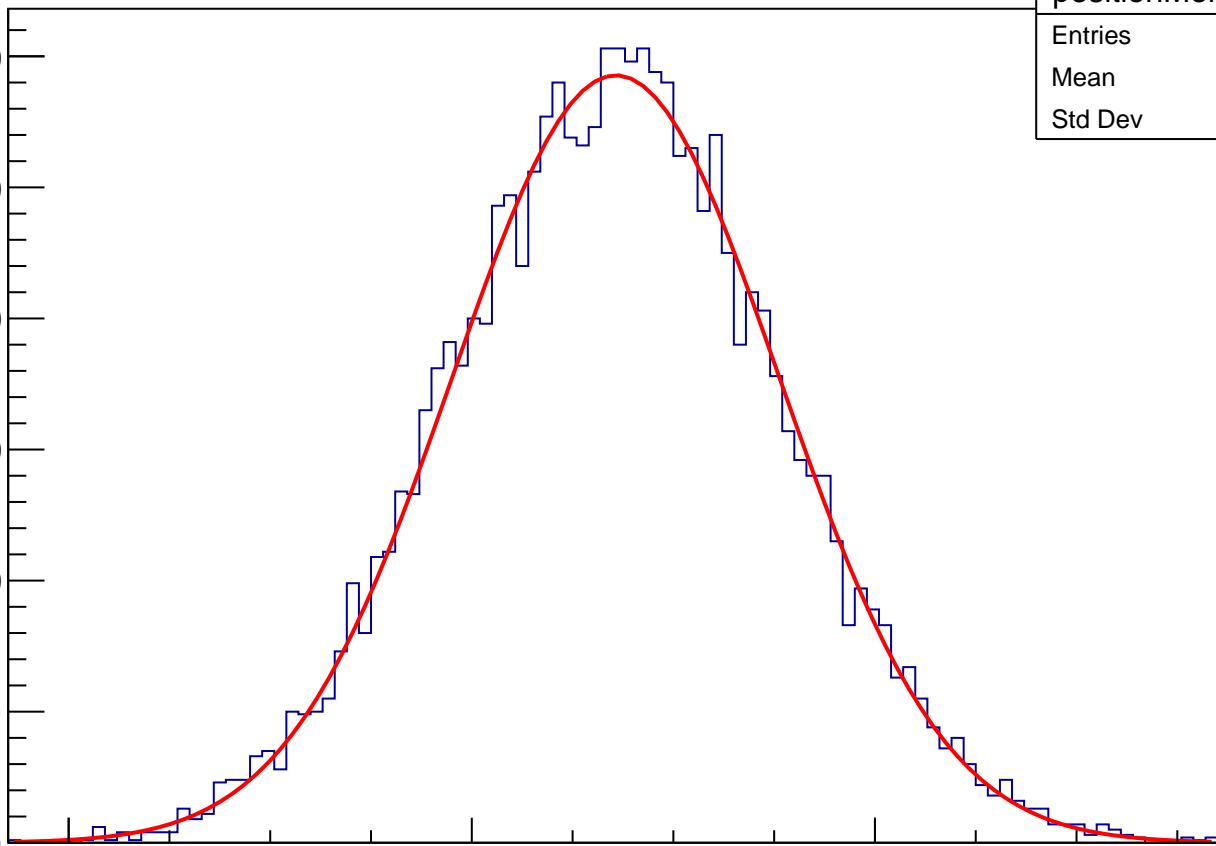
1

1.2

1.4

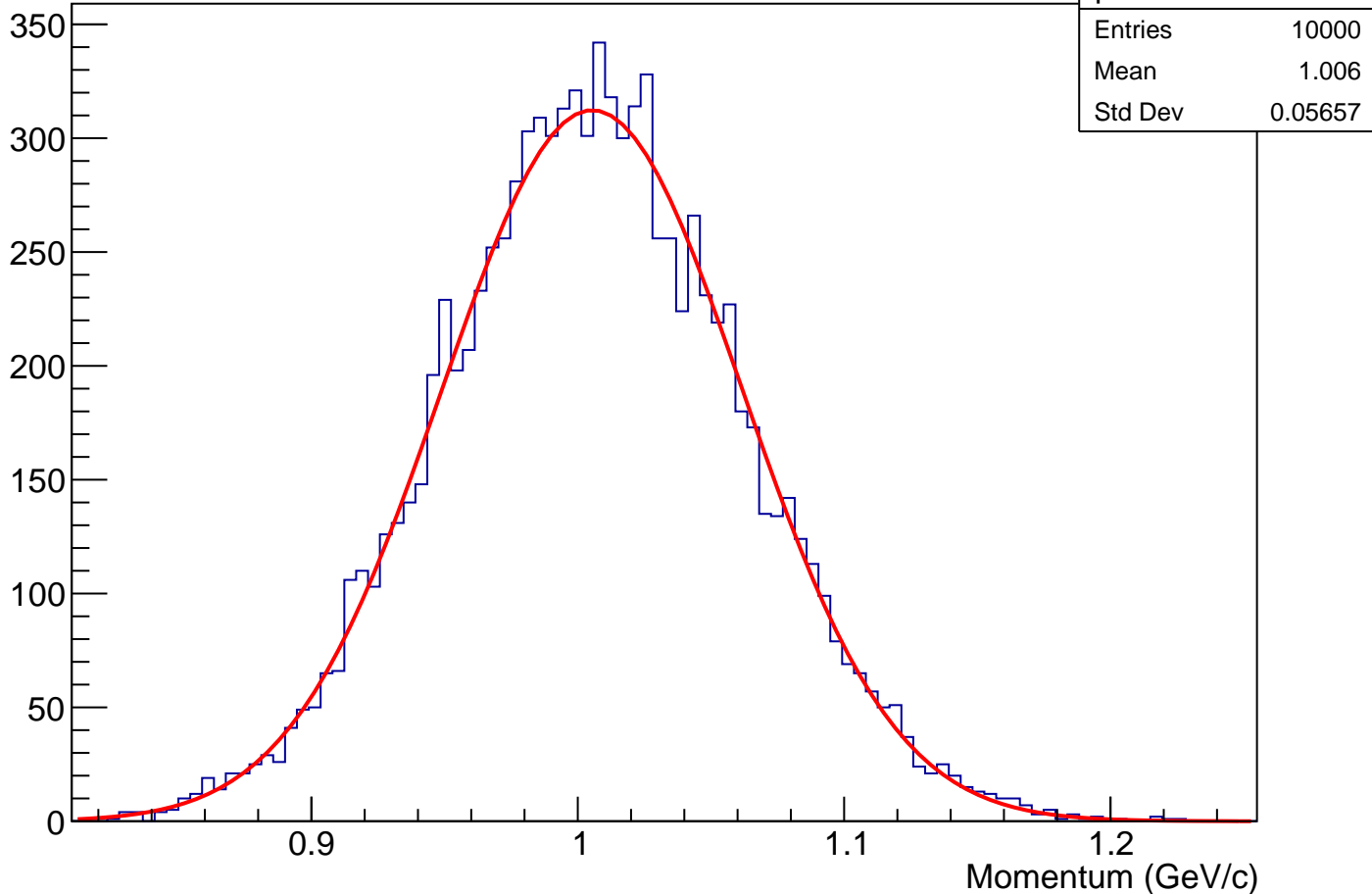
Momentum (GeV/c)

positionMomentum	
Entries	10000
Mean	1.271
Std Dev	0.08186



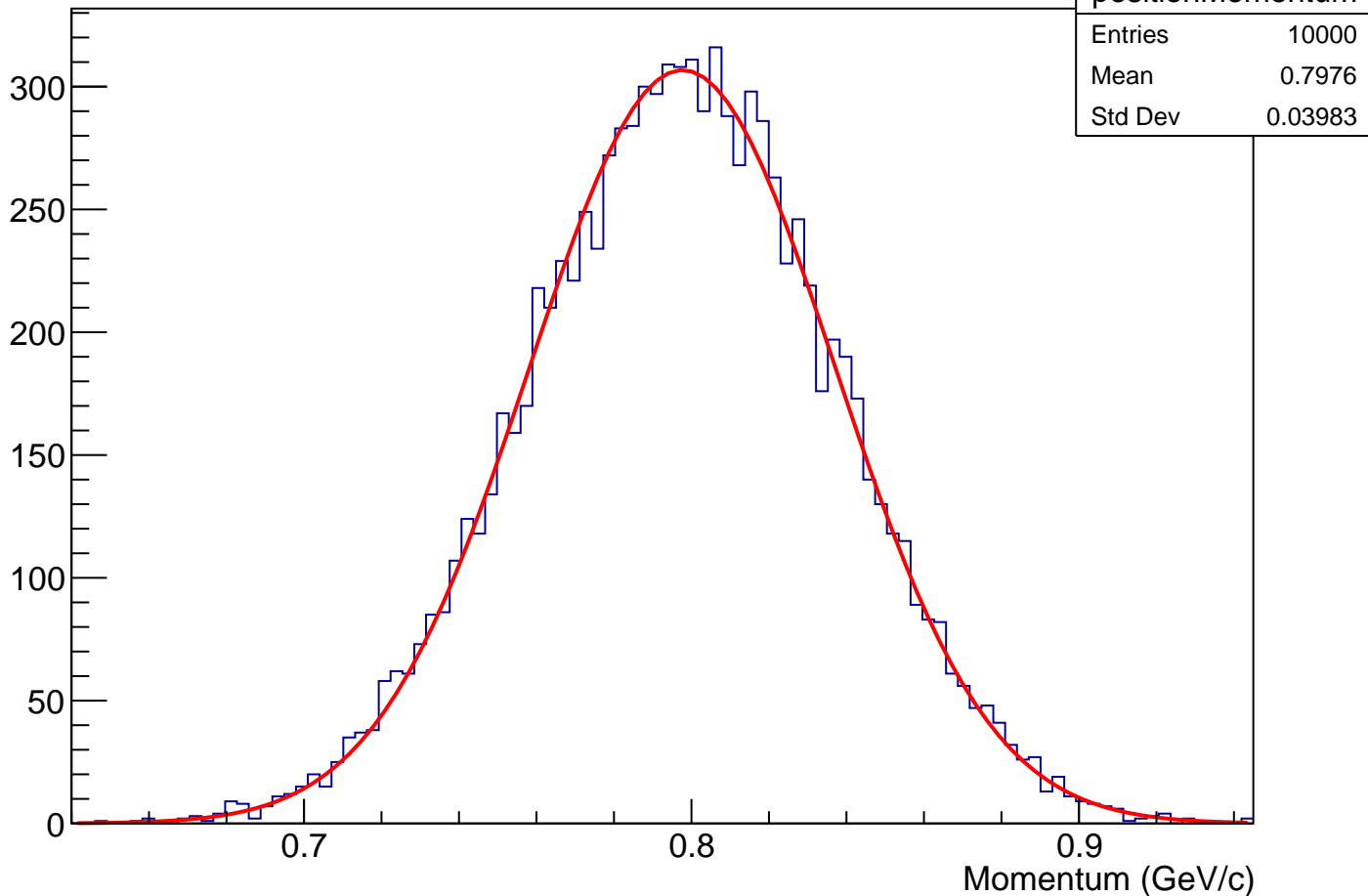
Momentum Distribution (Resolution = 30 μm)

Counts



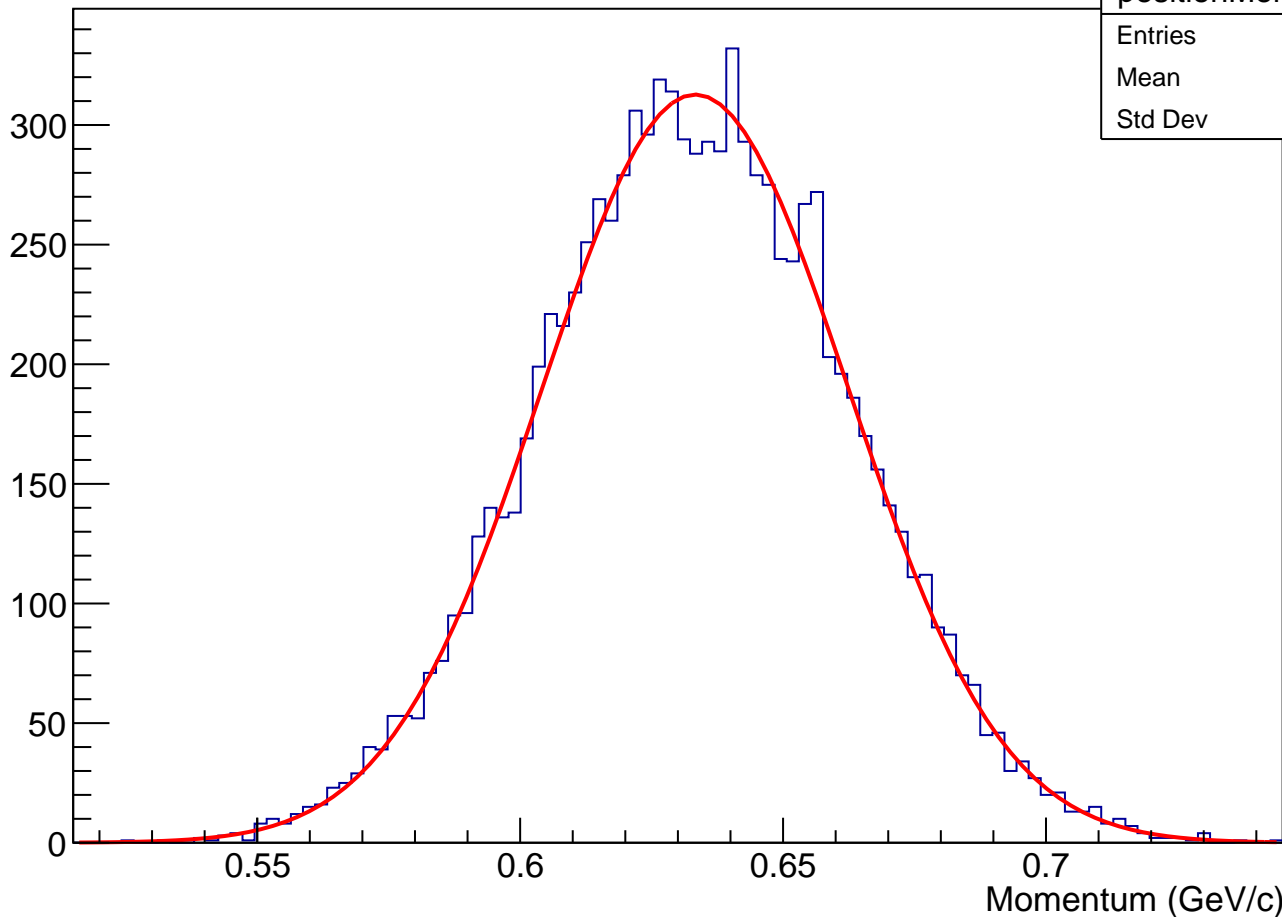
Momentum Distribution (Resolution = 30 μm)

Counts



Momentum Distribution (Resolution = 30 μm)

Counts



position	Momentum
Entries	10000
Mean	0.6332
Std Dev	0.02931

Momentum Distribution (Resolution = 30 μm)

Counts

300
250
200
150
100
50
0

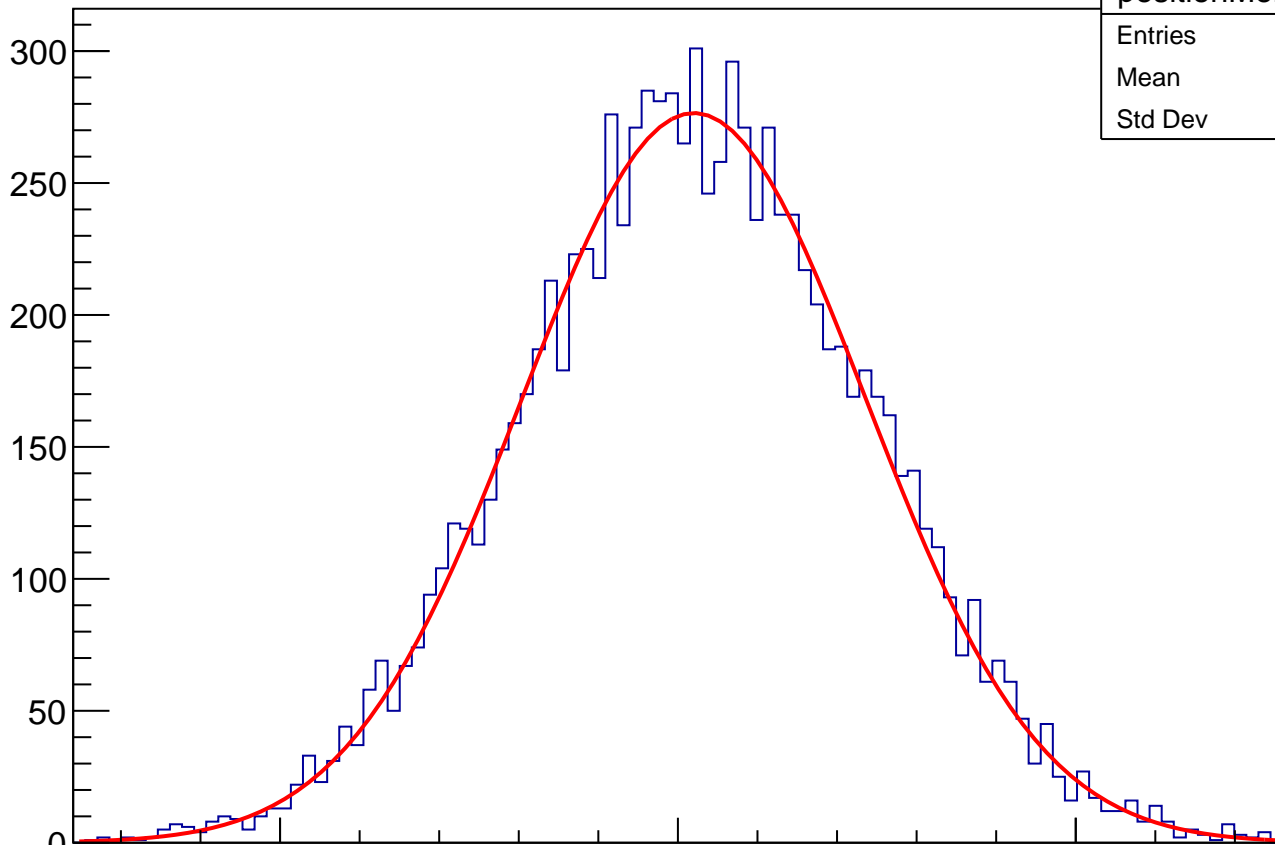
0.45

0.5

0.55

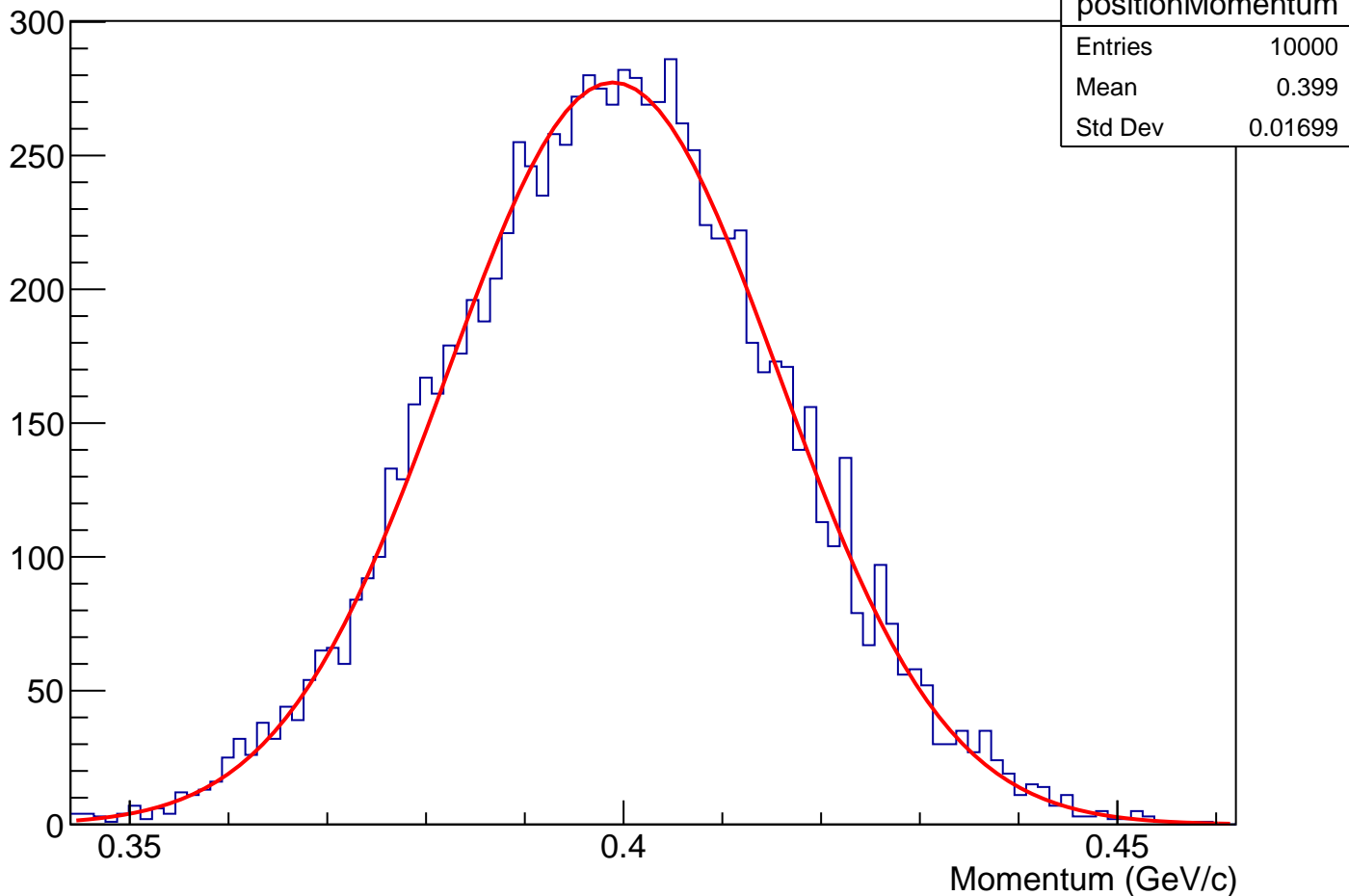
Momentum (GeV/c)

positionMomentum	
Entries	10000
Mean	0.5021
Std Dev	0.02196



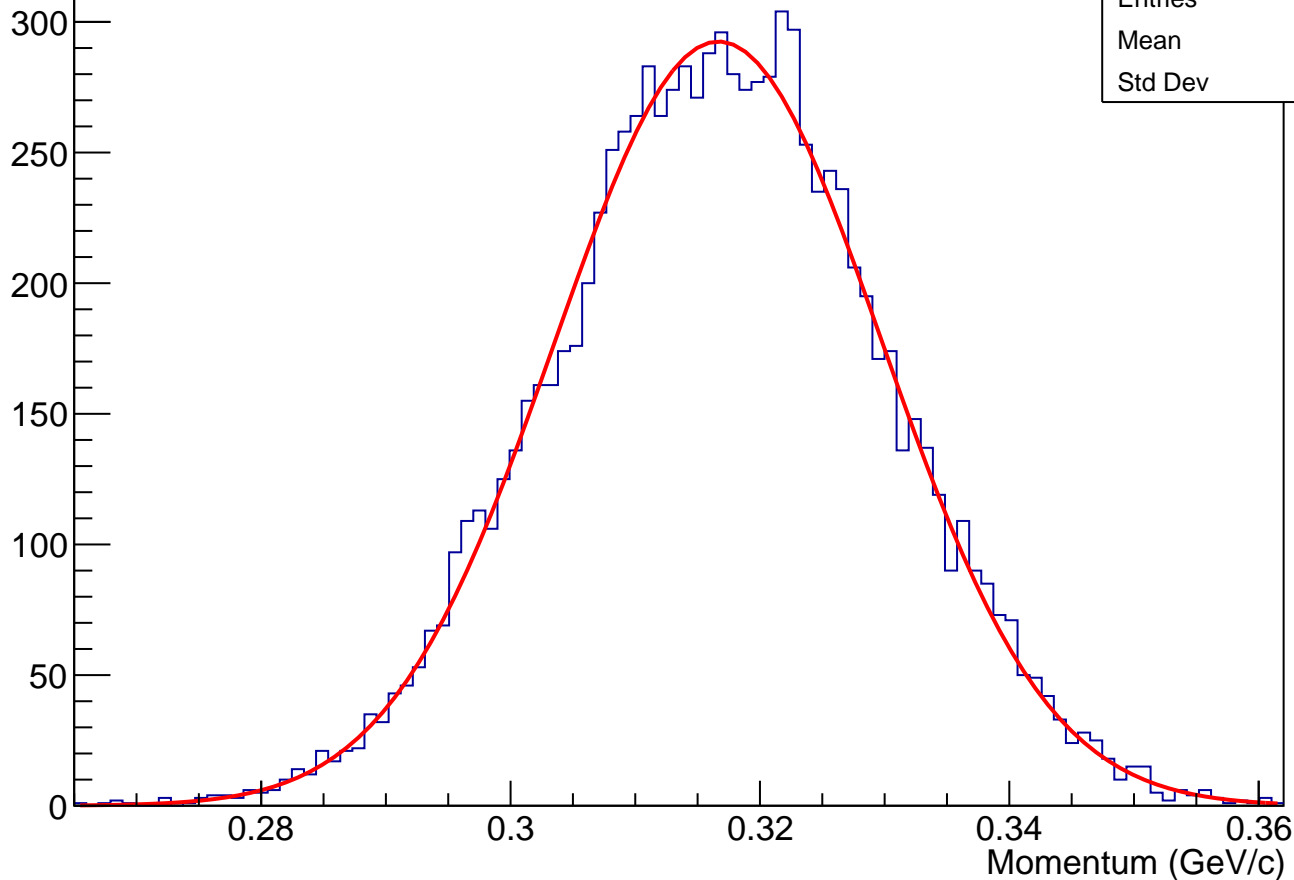
Momentum Distribution (Resolution = 30 μm)

Counts



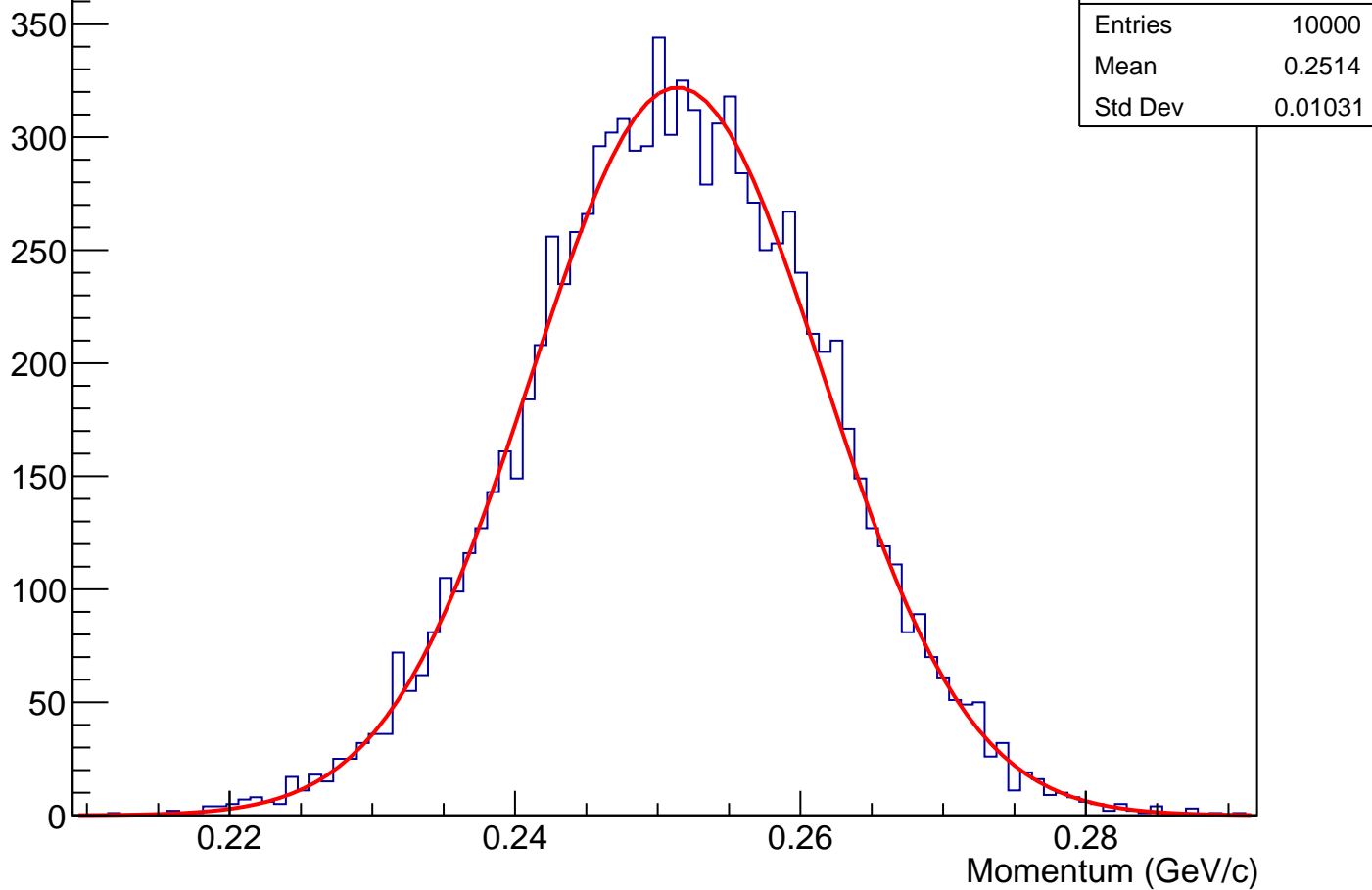
Momentum Distribution (Resolution = 30 μm)

Counts



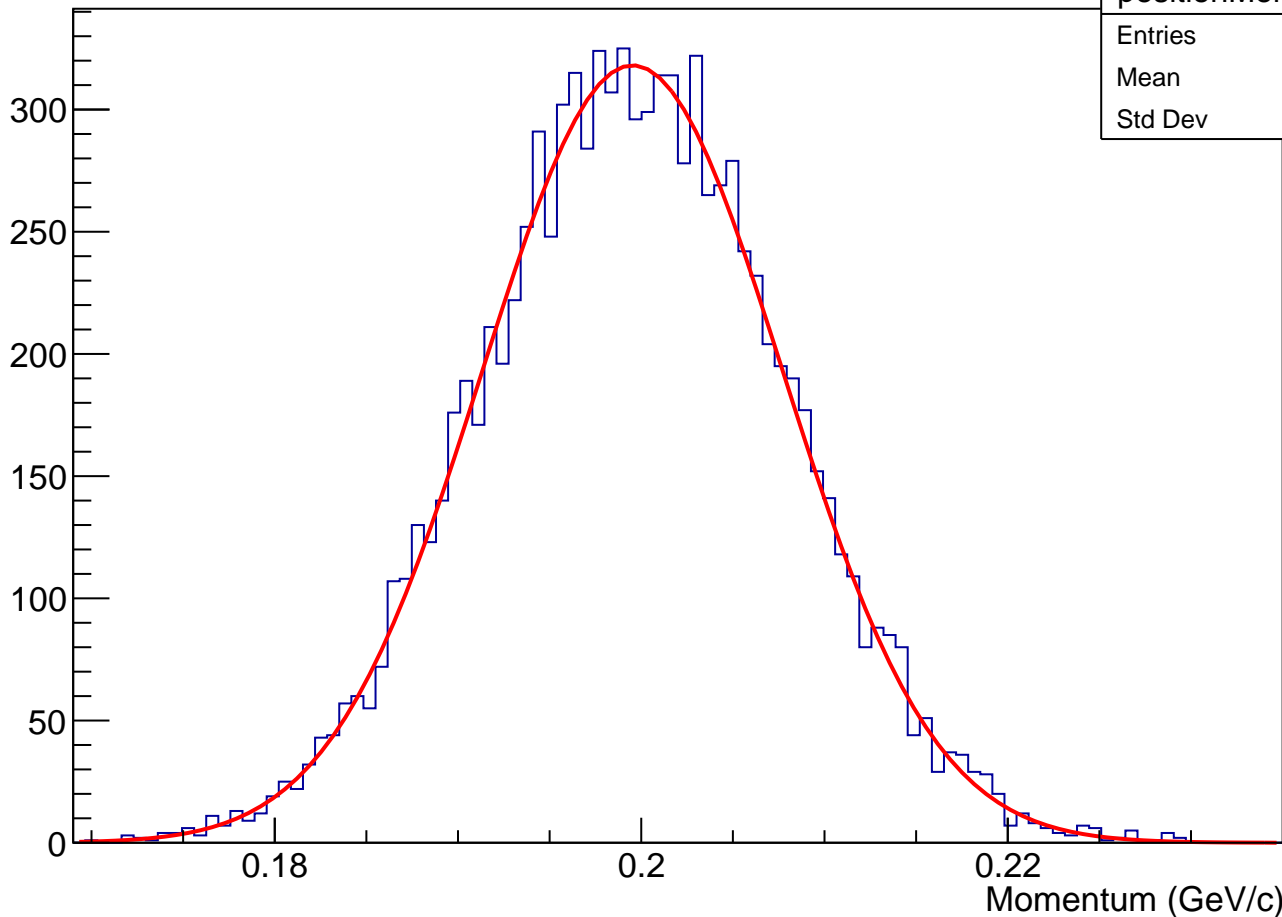
Momentum Distribution (Resolution = 30 μm)

Counts



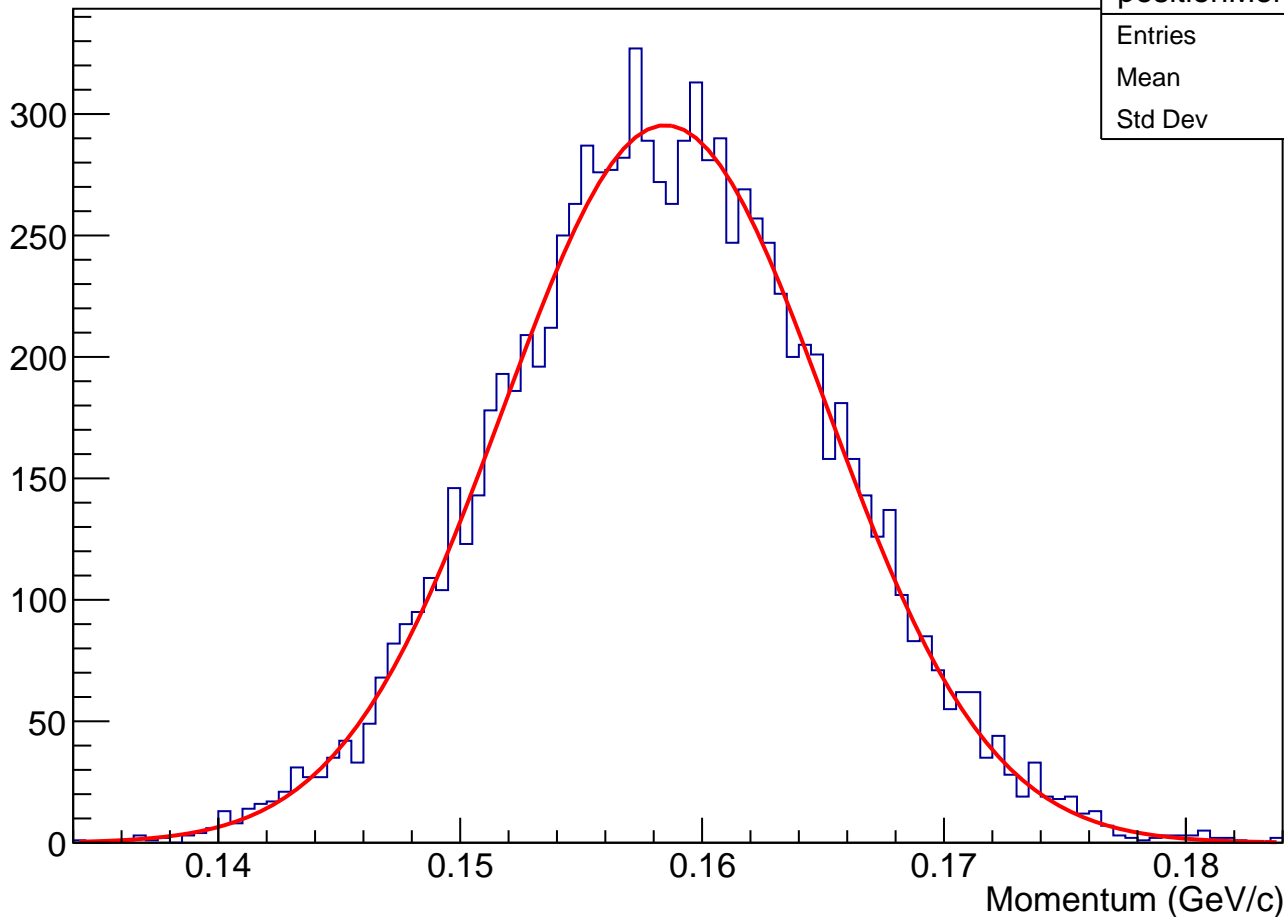
Momentum Distribution (Resolution = 30 μm)

Counts



Momentum Distribution (Resolution = 30 μm)

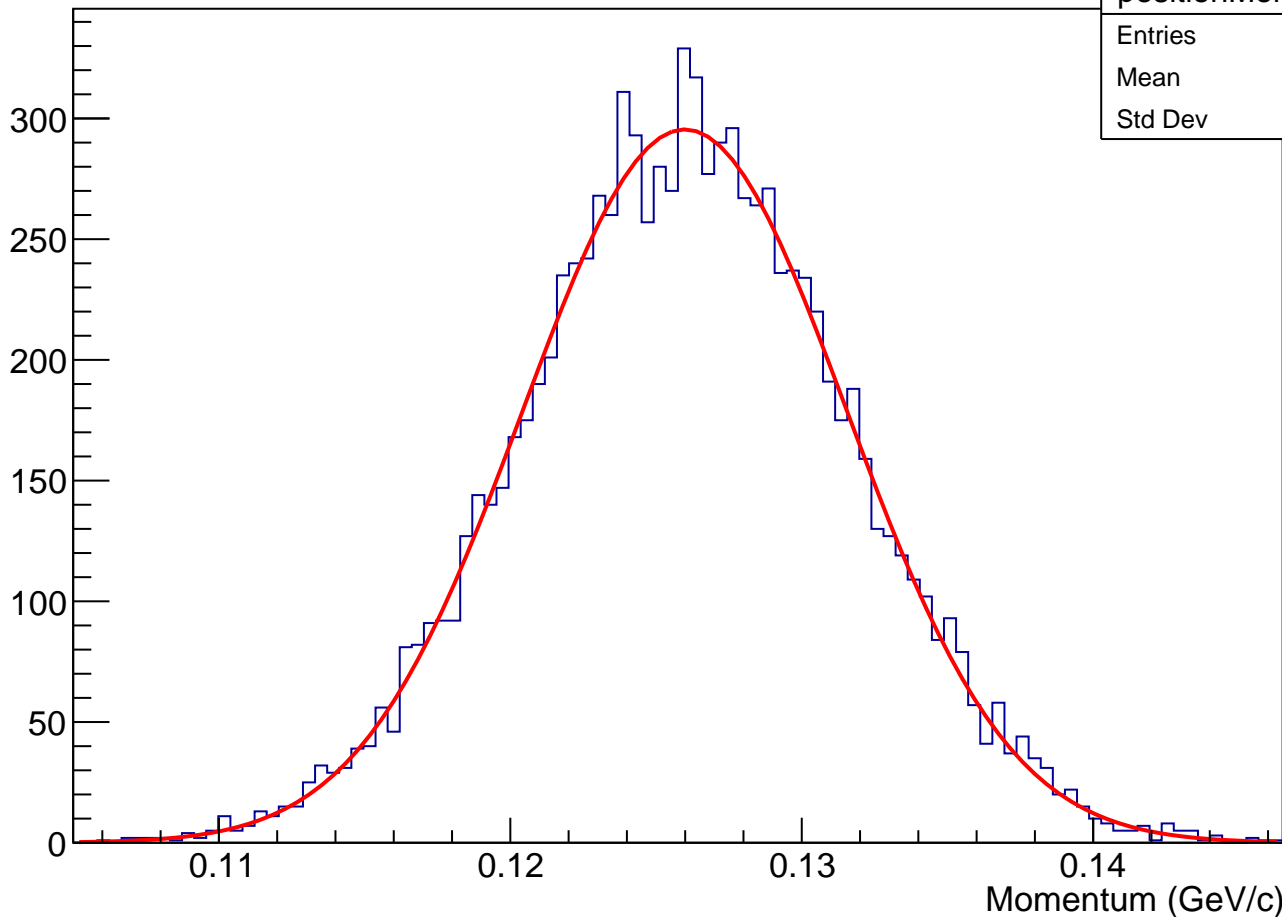
Counts



Momentum (GeV/c)

Momentum Distribution (Resolution = 30 μm)

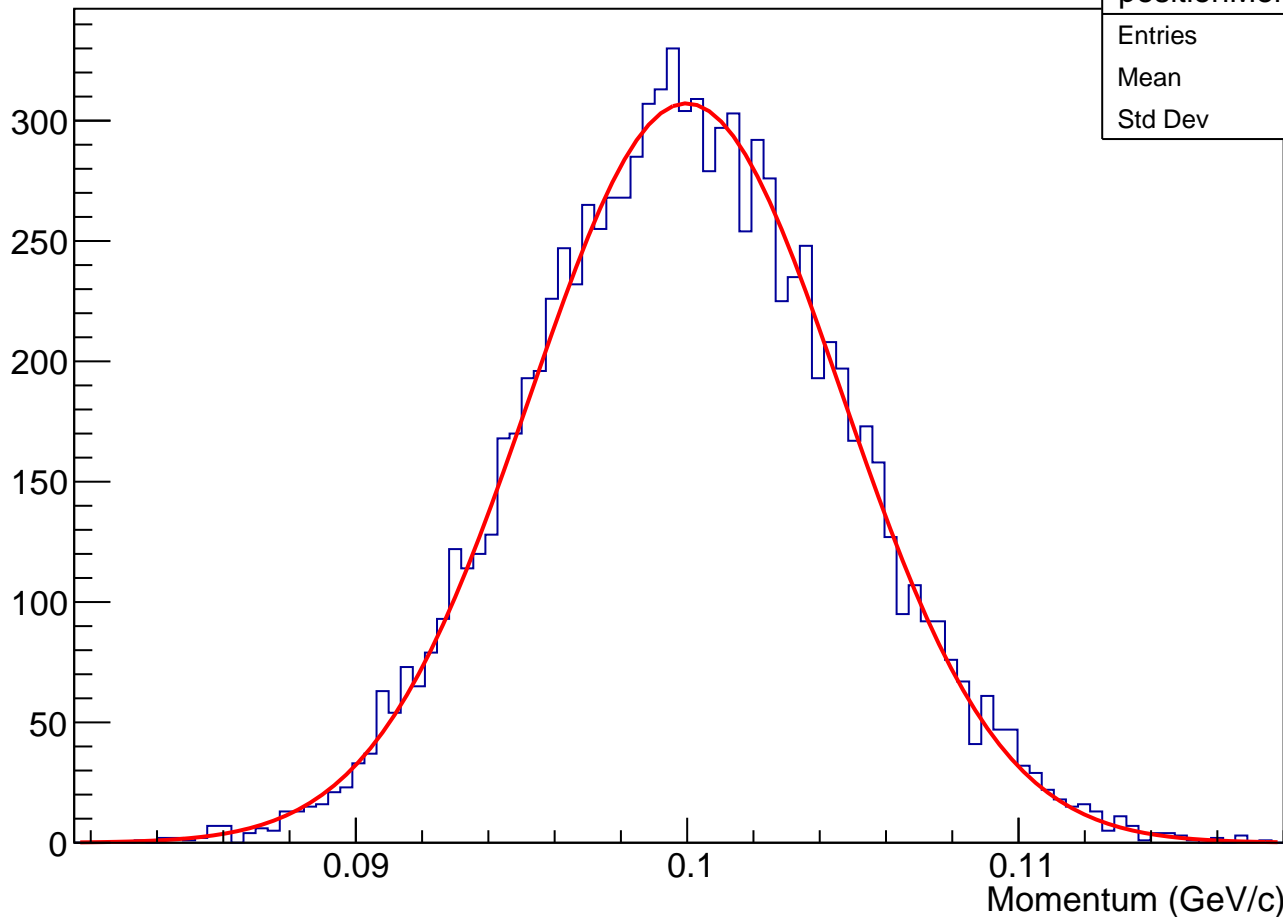
Counts



positionMomentum	
Entries	10000
Mean	0.126
Std Dev	0.005623

Momentum Distribution (Resolution = 30 μm)

Counts



position	Momentum
Entries	10000
Mean	0.1
Std Dev	0.004742

Momentum Distribution (Resolution = 30 μm)

Counts

300

250

200

150

100

50

0

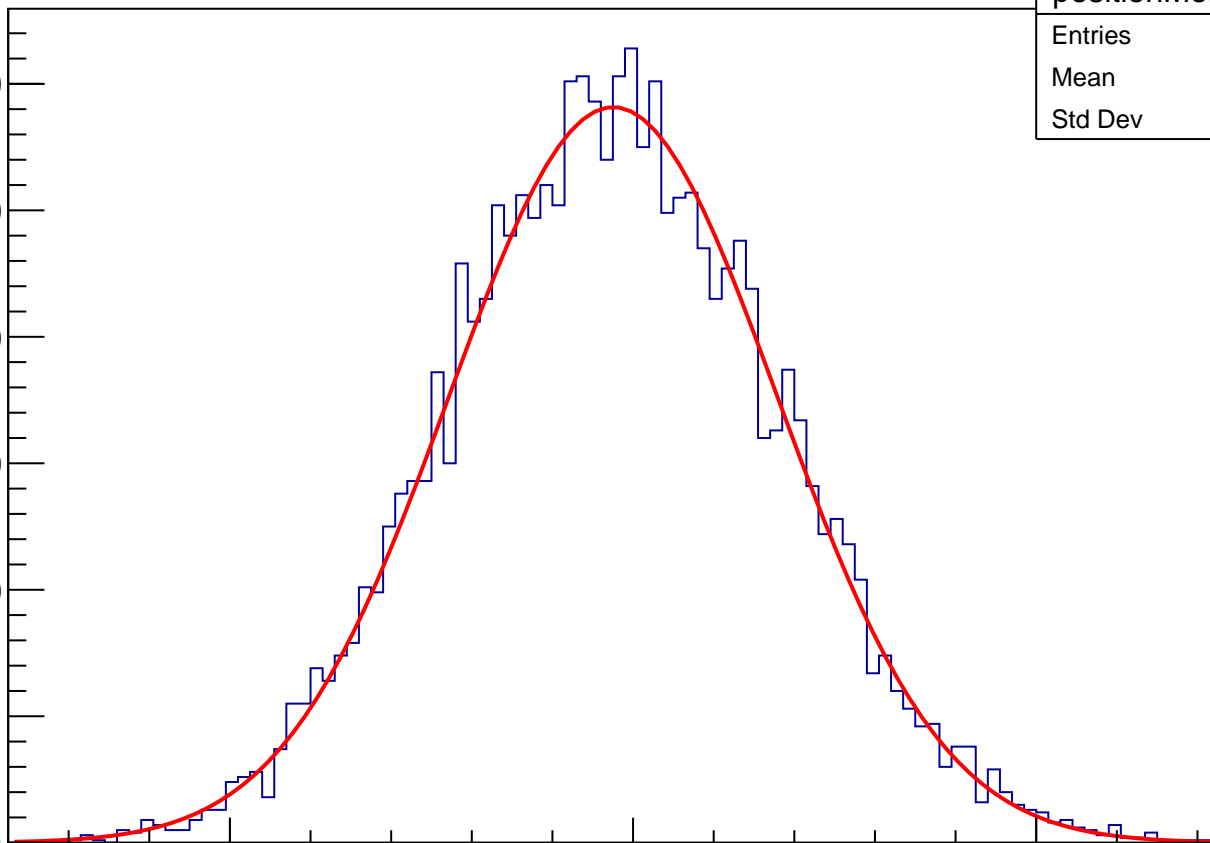
0.07

0.08

0.09

Momentum (GeV/c)

positionMomentum	
Entries	10000
Mean	0.07951
Std Dev	0.004098



Momentum Distribution (Resolution = 30 μm)

Counts

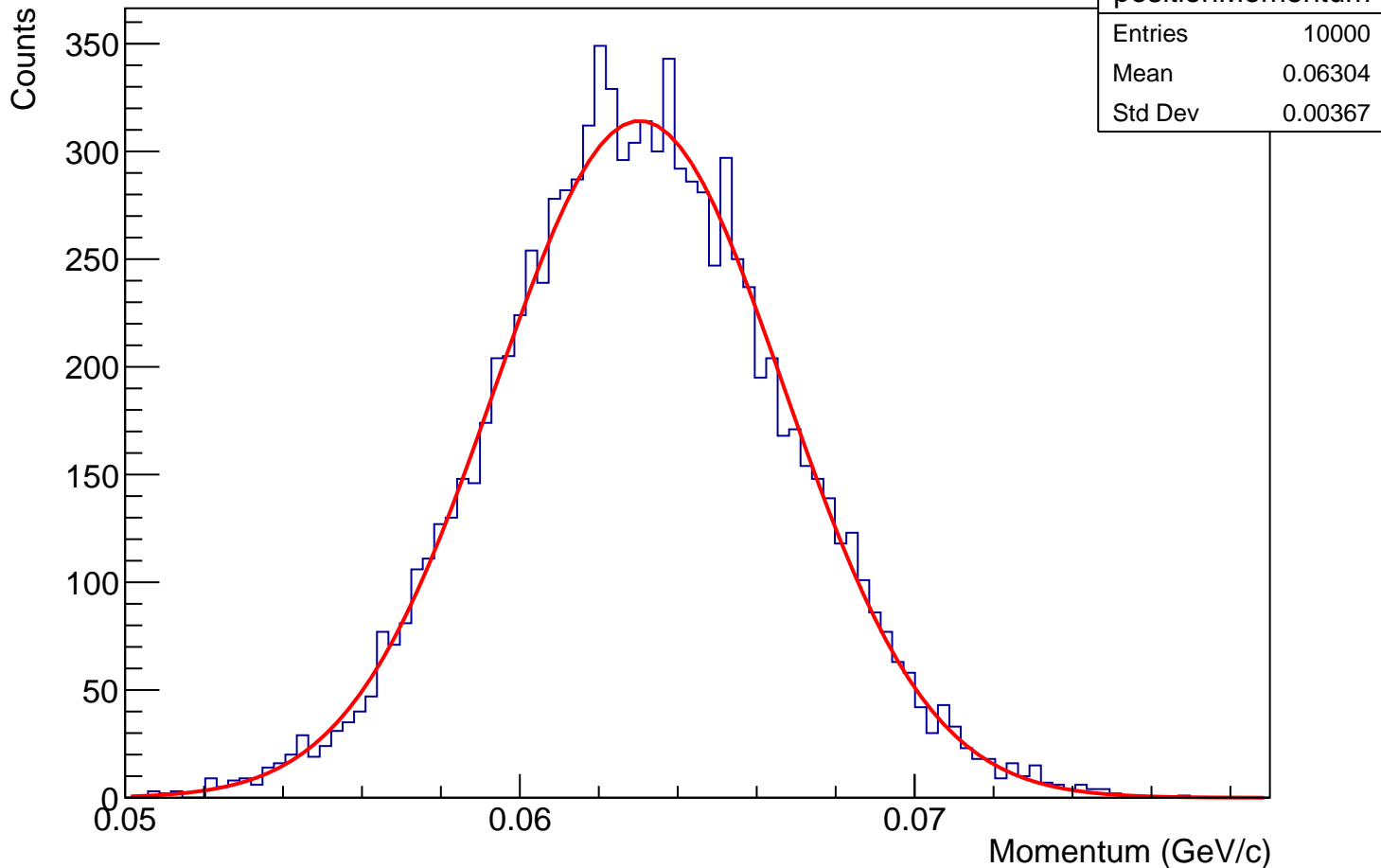
350
300
250
200
150
100
50
0

positionMomentum	
Entries	10000
Mean	0.06304
Std Dev	0.00367

0.06

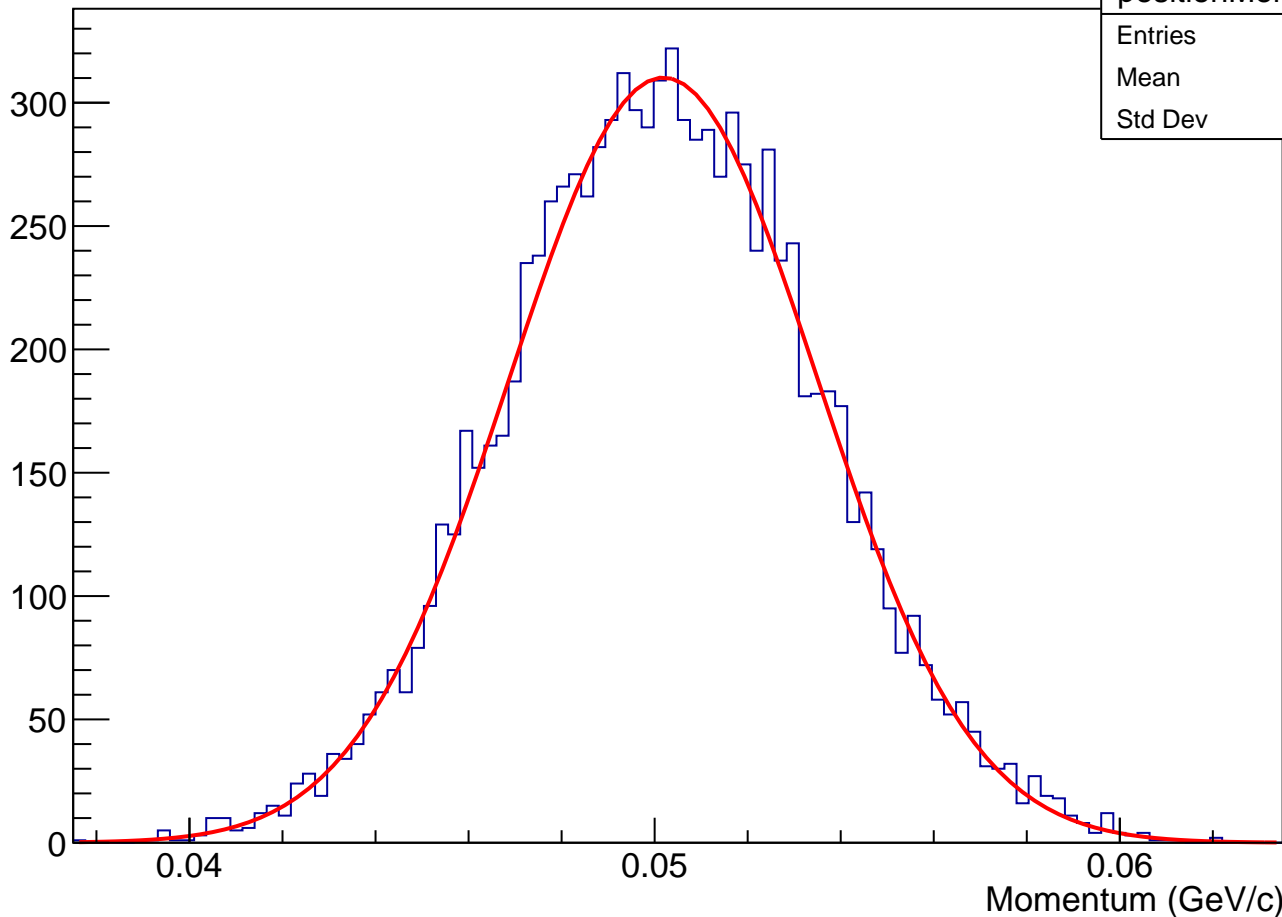
0.07

Momentum (GeV/c)



Momentum Distribution (Resolution = 30 μm)

Counts

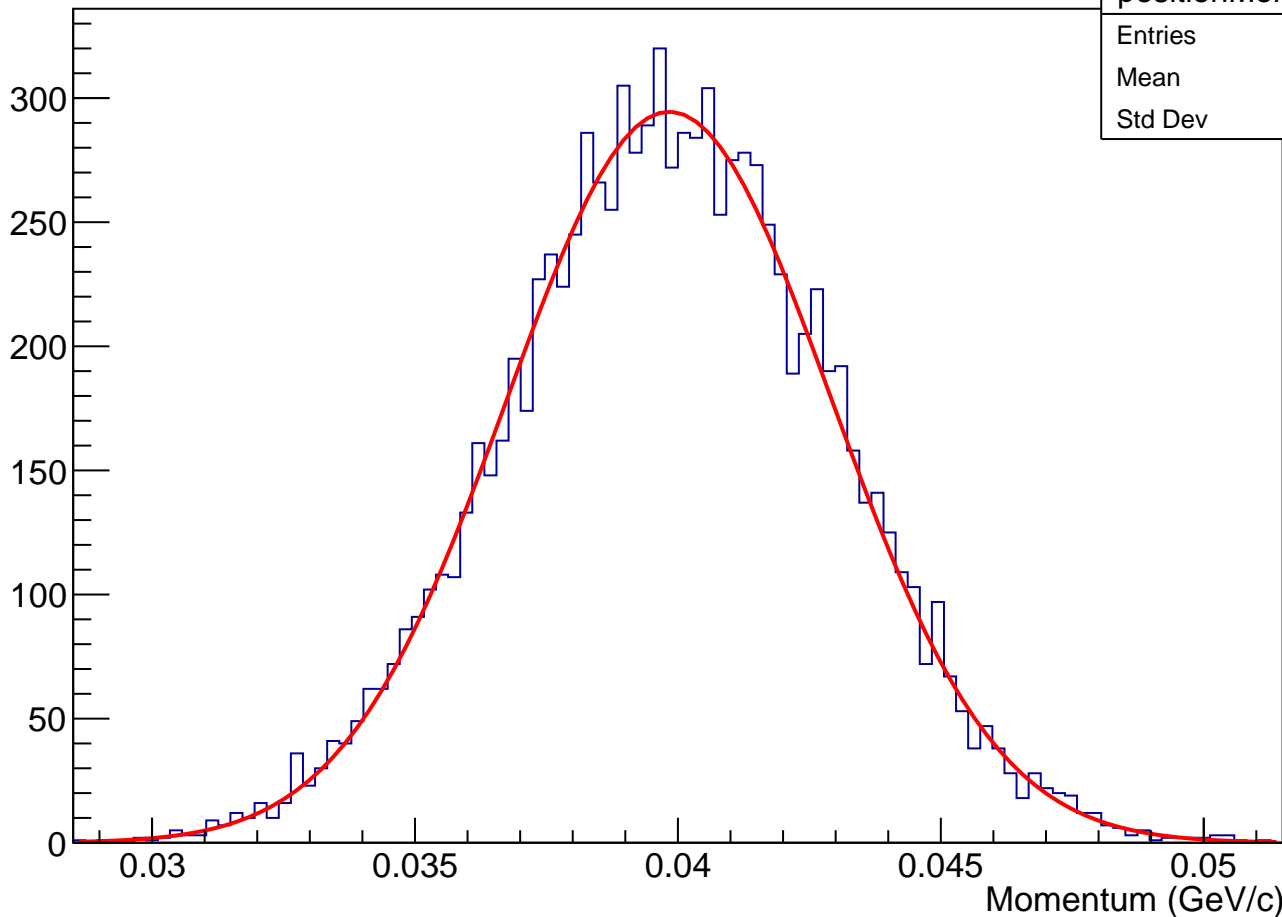


position	Momentum
Entries	10000
Mean	0.05018
Std Dev	0.003348

Momentum (GeV/c)

Momentum Distribution (Resolution = 30 μm)

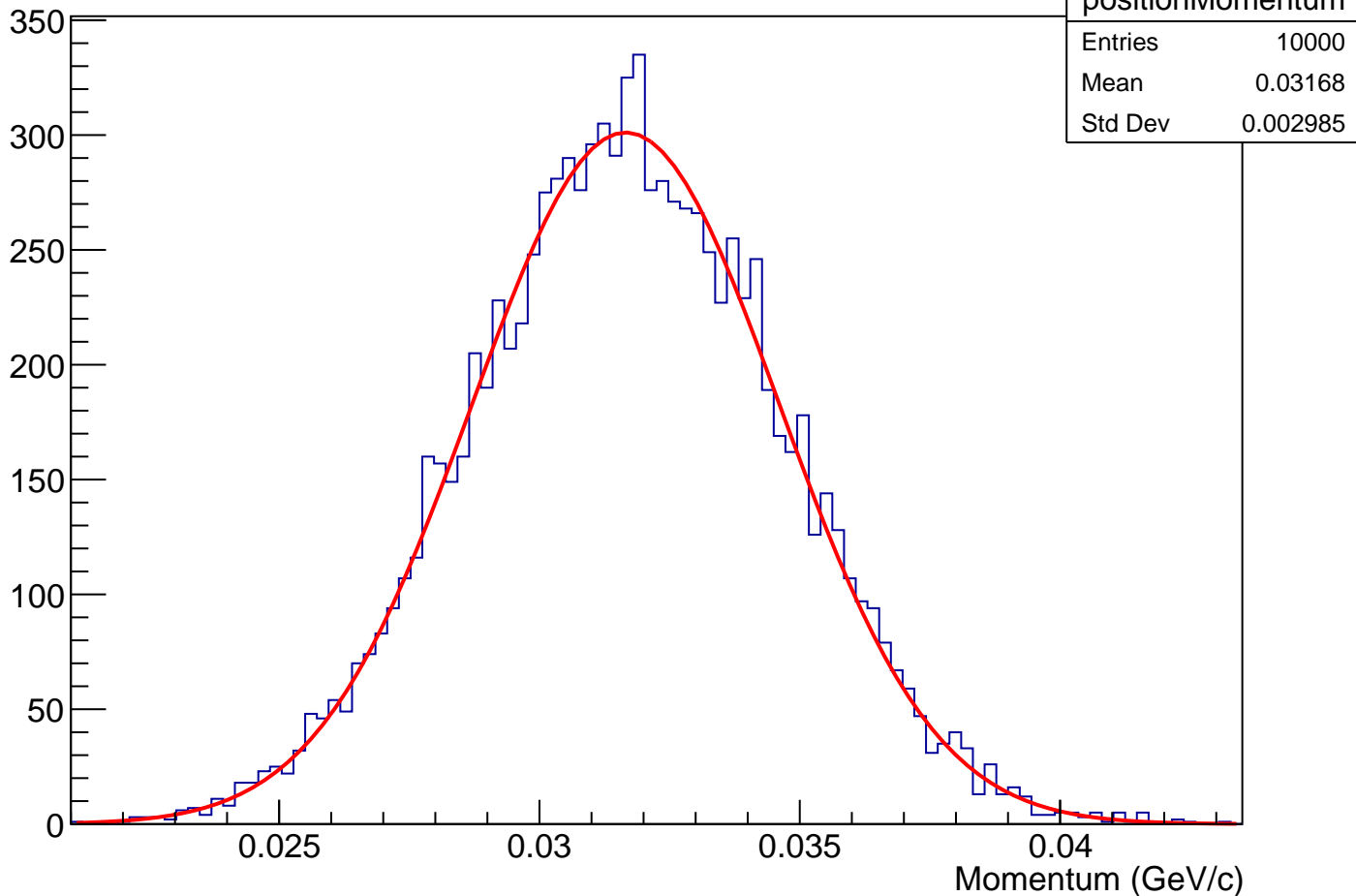
Counts



Momentum (GeV/c)

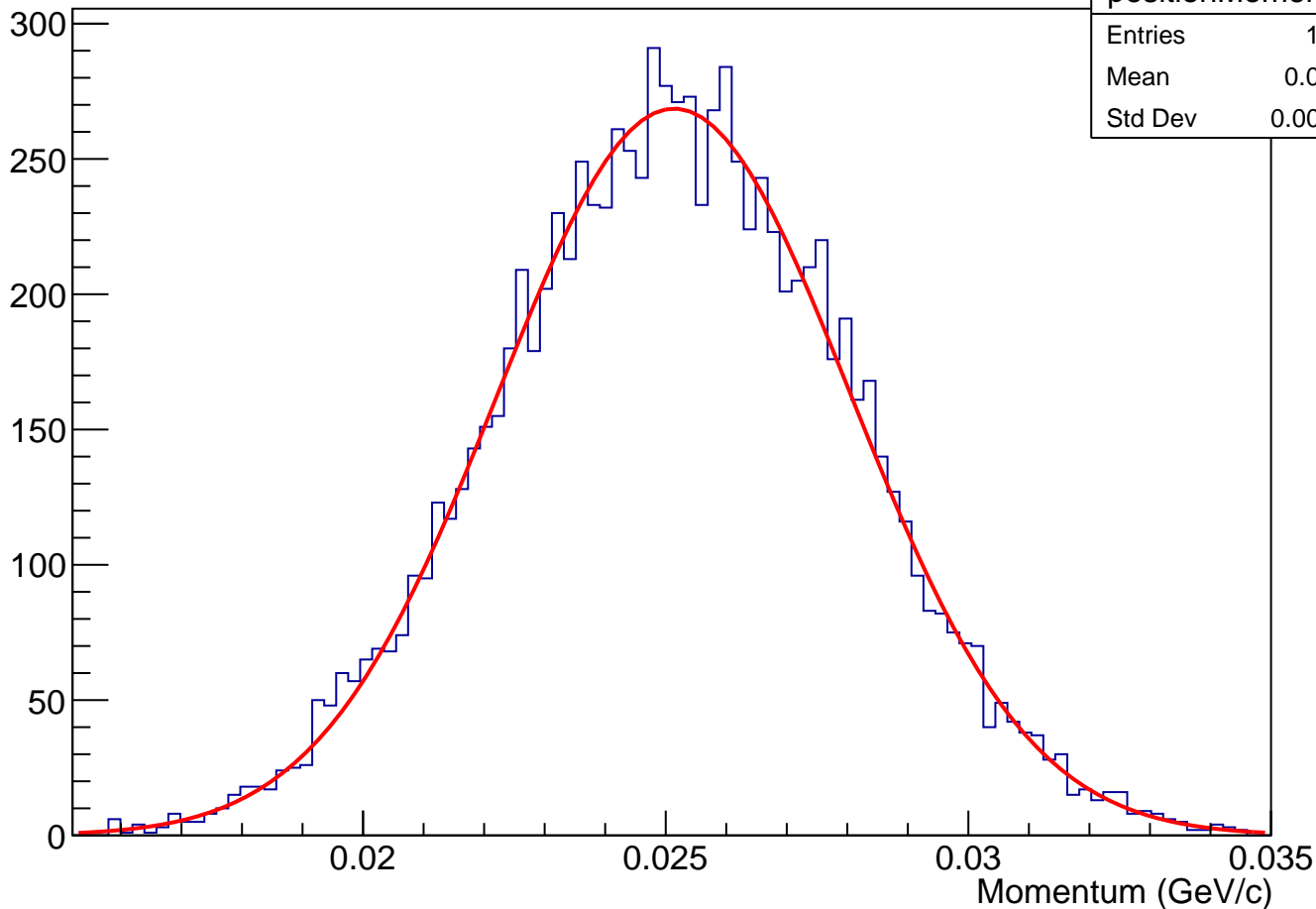
Momentum Distribution (Resolution = 30 μm)

Counts



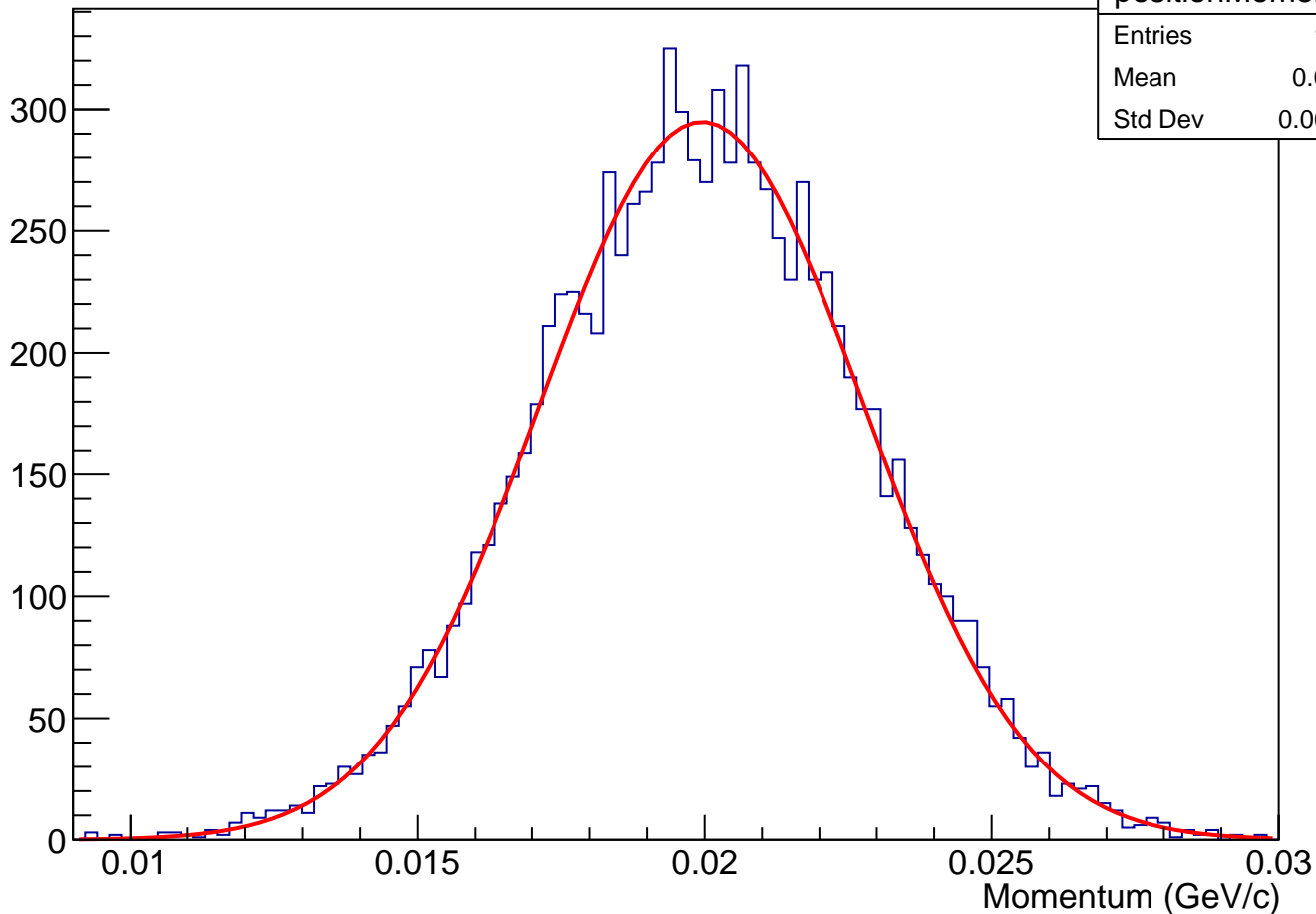
Momentum Distribution (Resolution = 30 μm)

Counts



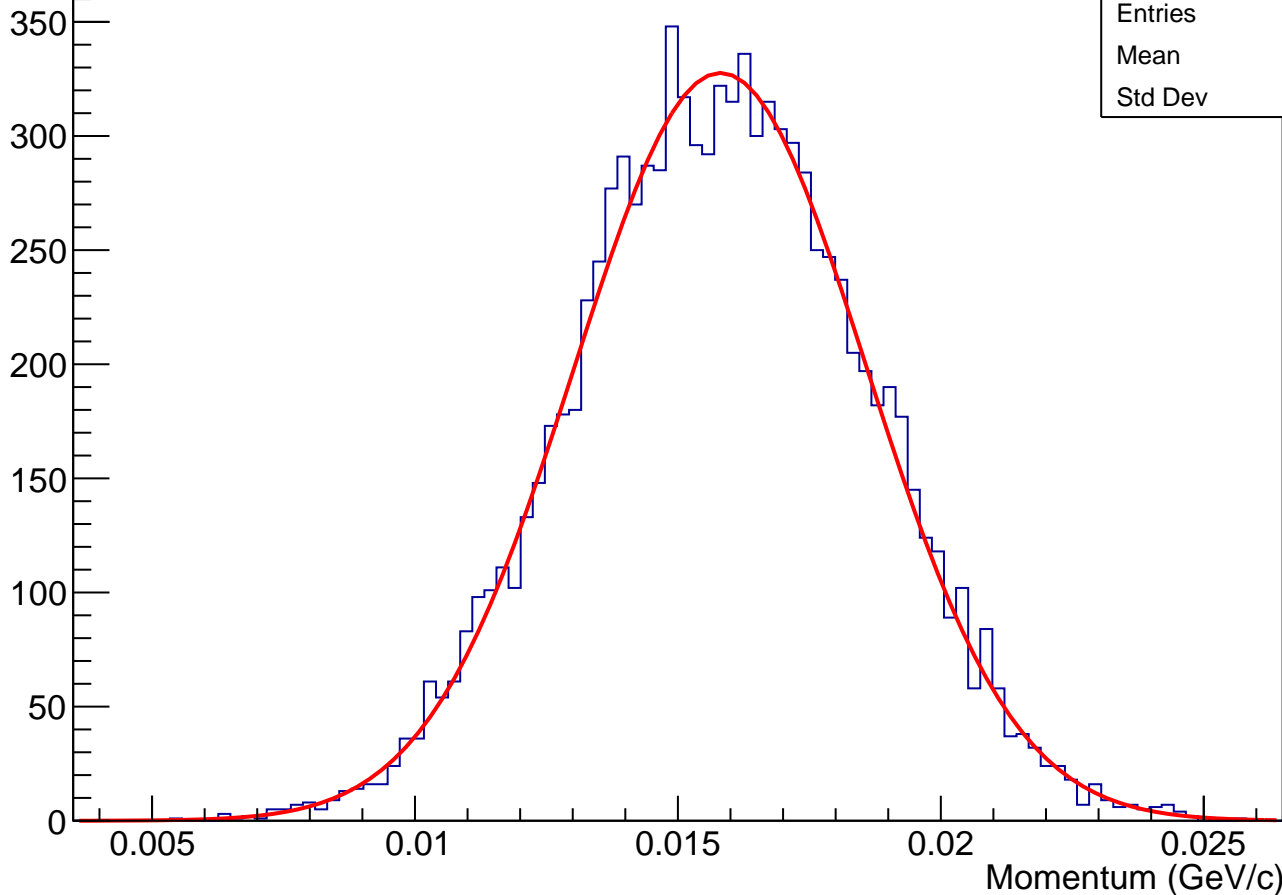
Momentum Distribution (Resolution = 30 μm)

Counts



Momentum Distribution (Resolution = 30 μm)

Counts



Momentum Distribution (Resolution = 30 μm)

Counts

300
250
200
150
100
50
0

0.005

0.01

0.015

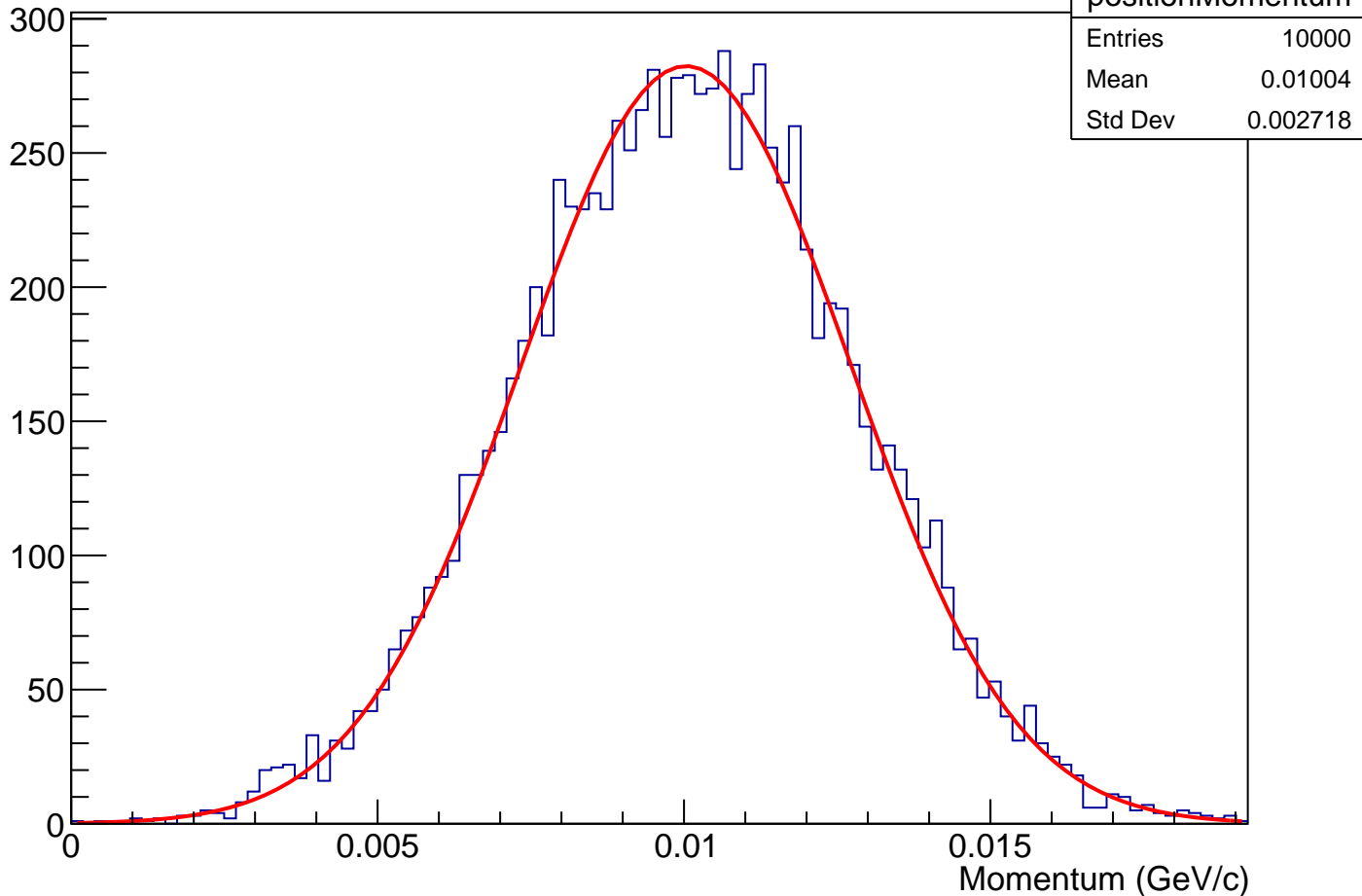
0.02

Momentum (GeV/c)

positionMomentum	
Entries	10000
Mean	0.01262
Std Dev	0.002761

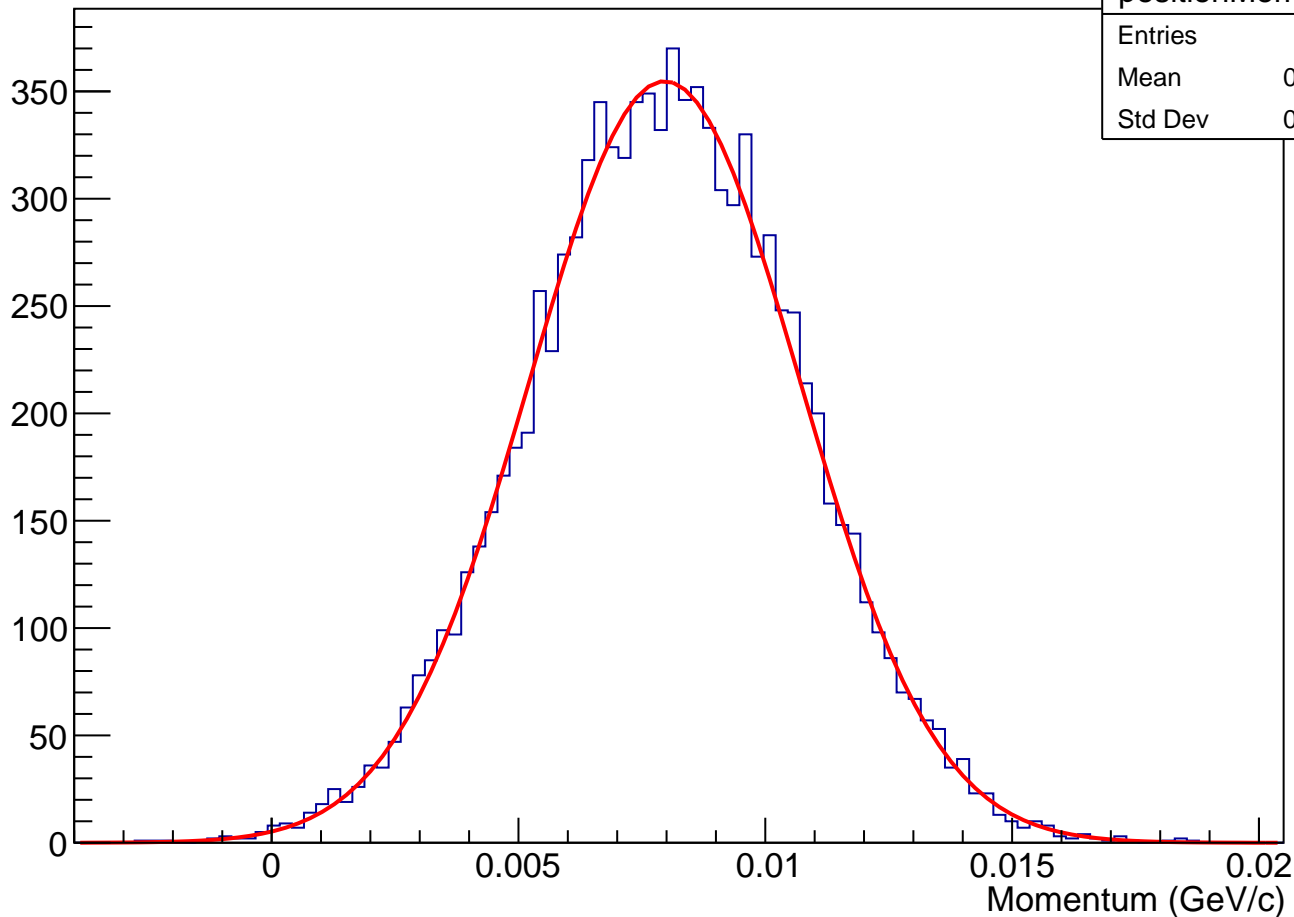
Momentum Distribution (Resolution = 30 μm)

Counts



Momentum Distribution (Resolution = 30 μm)

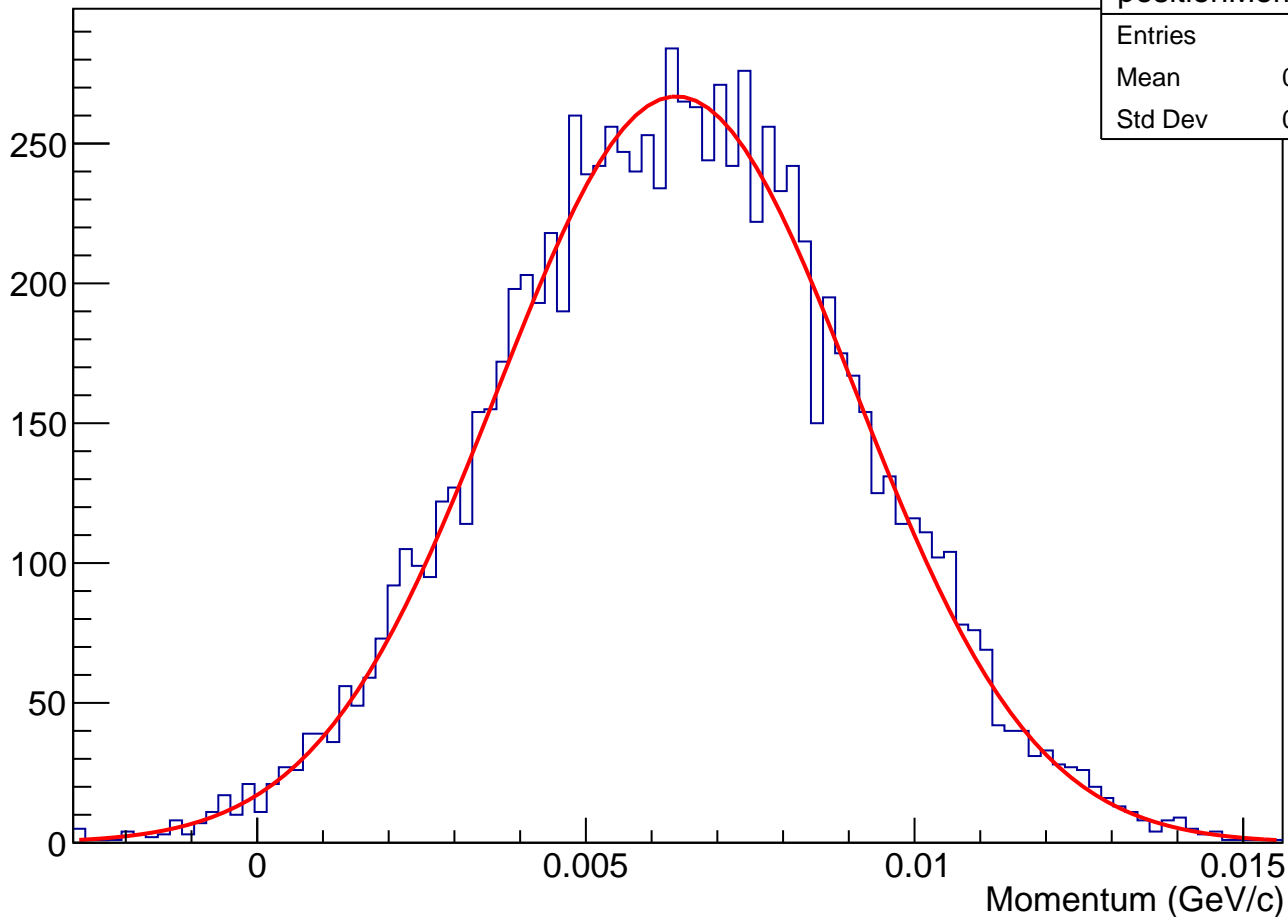
Counts



Momentum (GeV/c)

Momentum Distribution (Resolution = 30 μm)

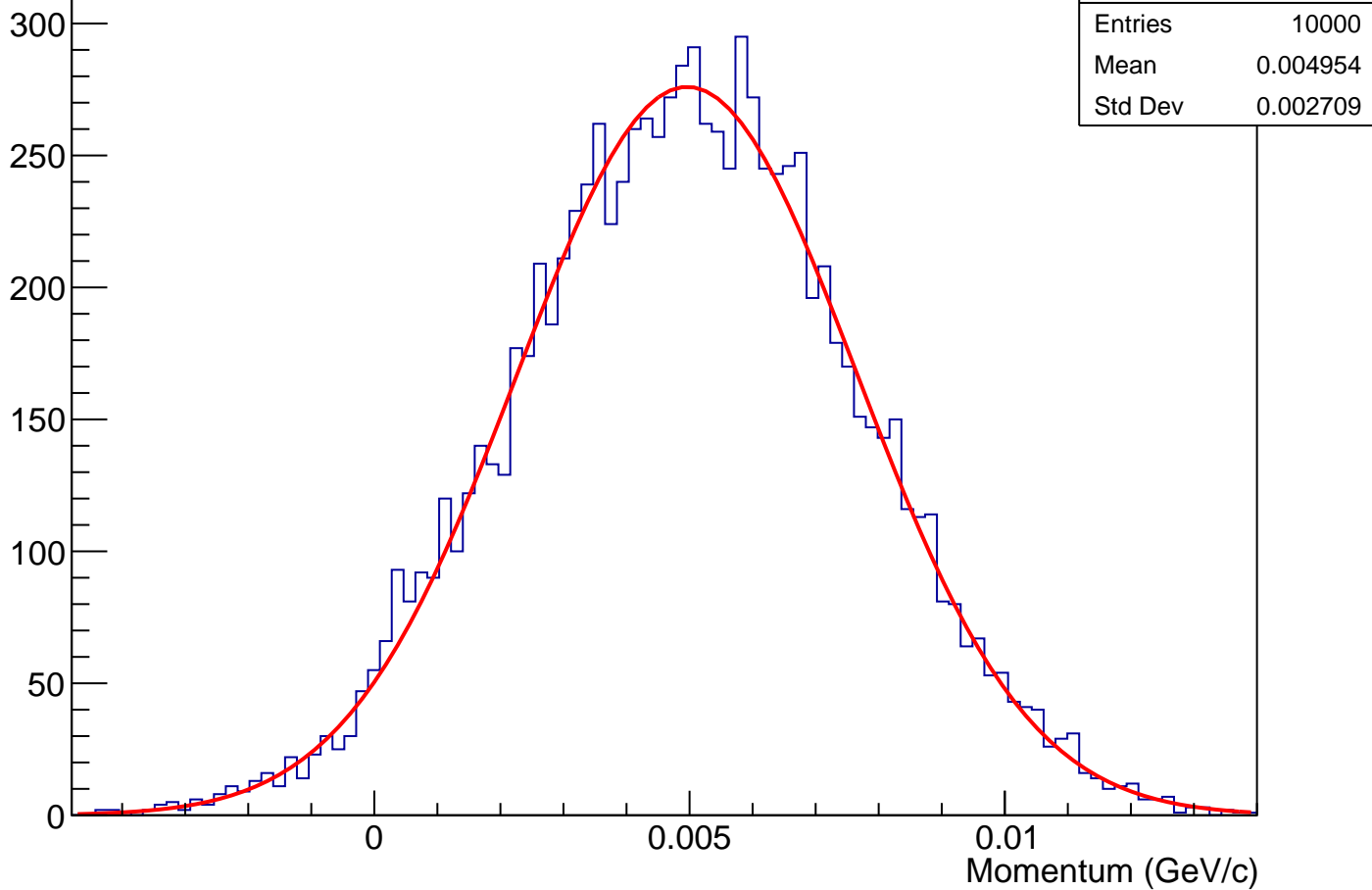
Counts



Momentum (GeV/c)

Momentum Distribution (Resolution = 30 μm)

Counts



Momentum Distribution (Resolution = 30 μm)

Counts

300
250
200
150
100
50
0

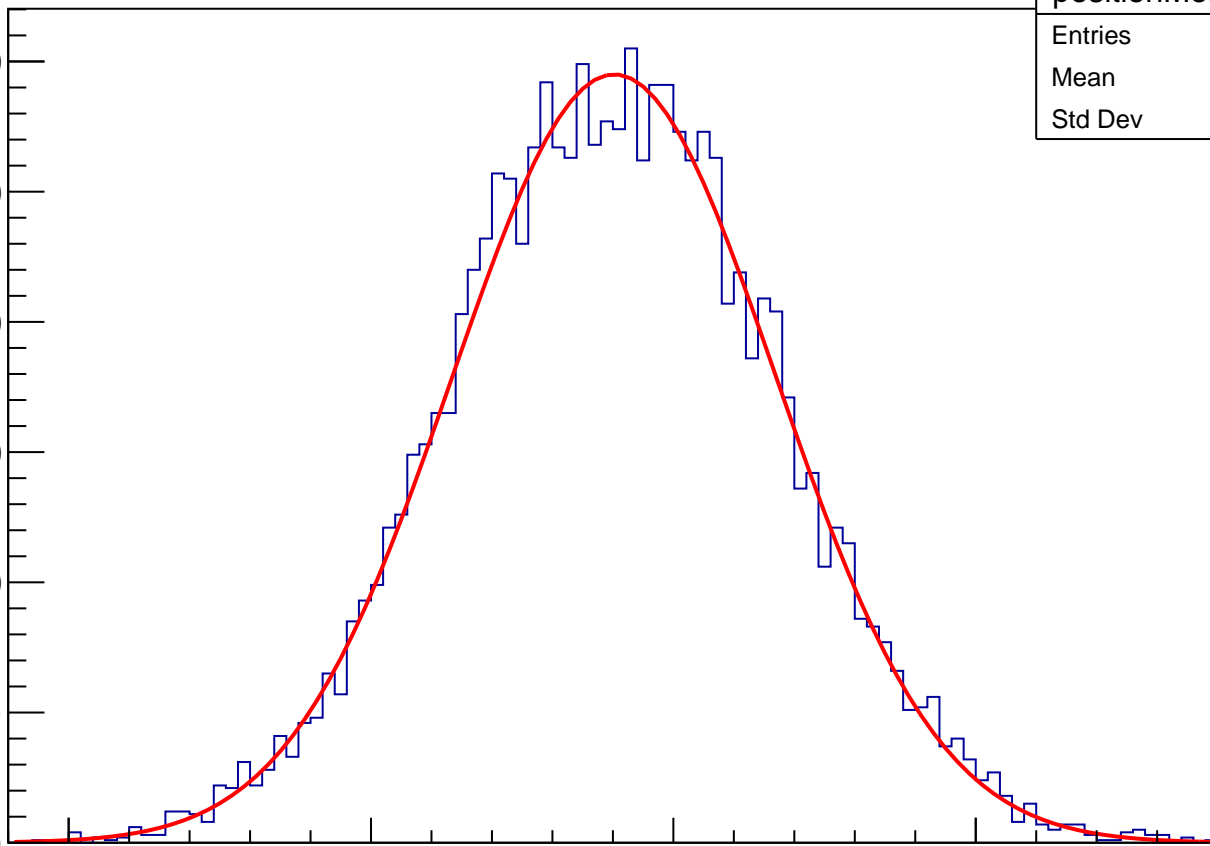
positionMomentum	
Entries	10000
Mean	0.004028
Std Dev	0.002713

-0.005

0

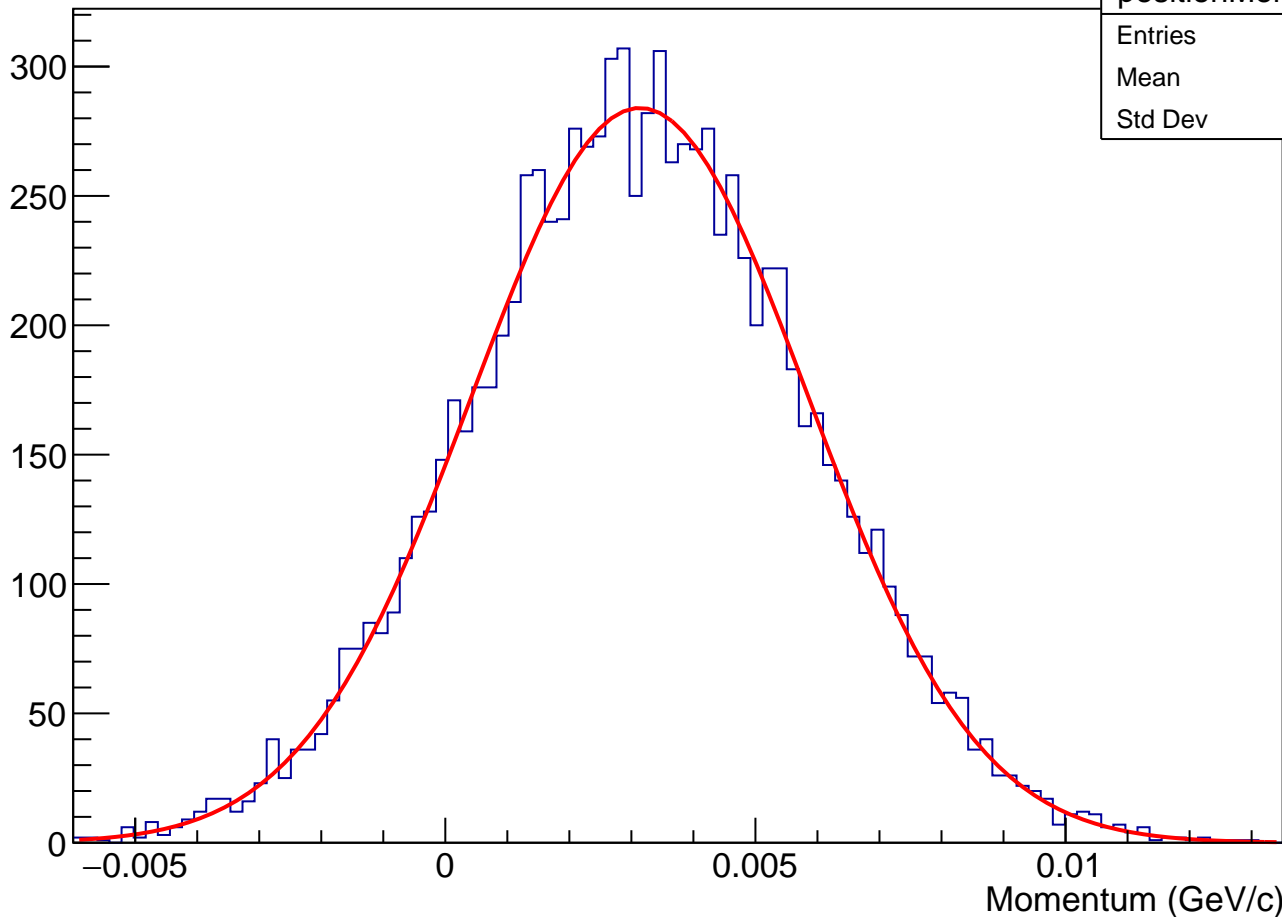
0.005

Momentum (GeV/c)



Momentum Distribution (Resolution = 30 μm)

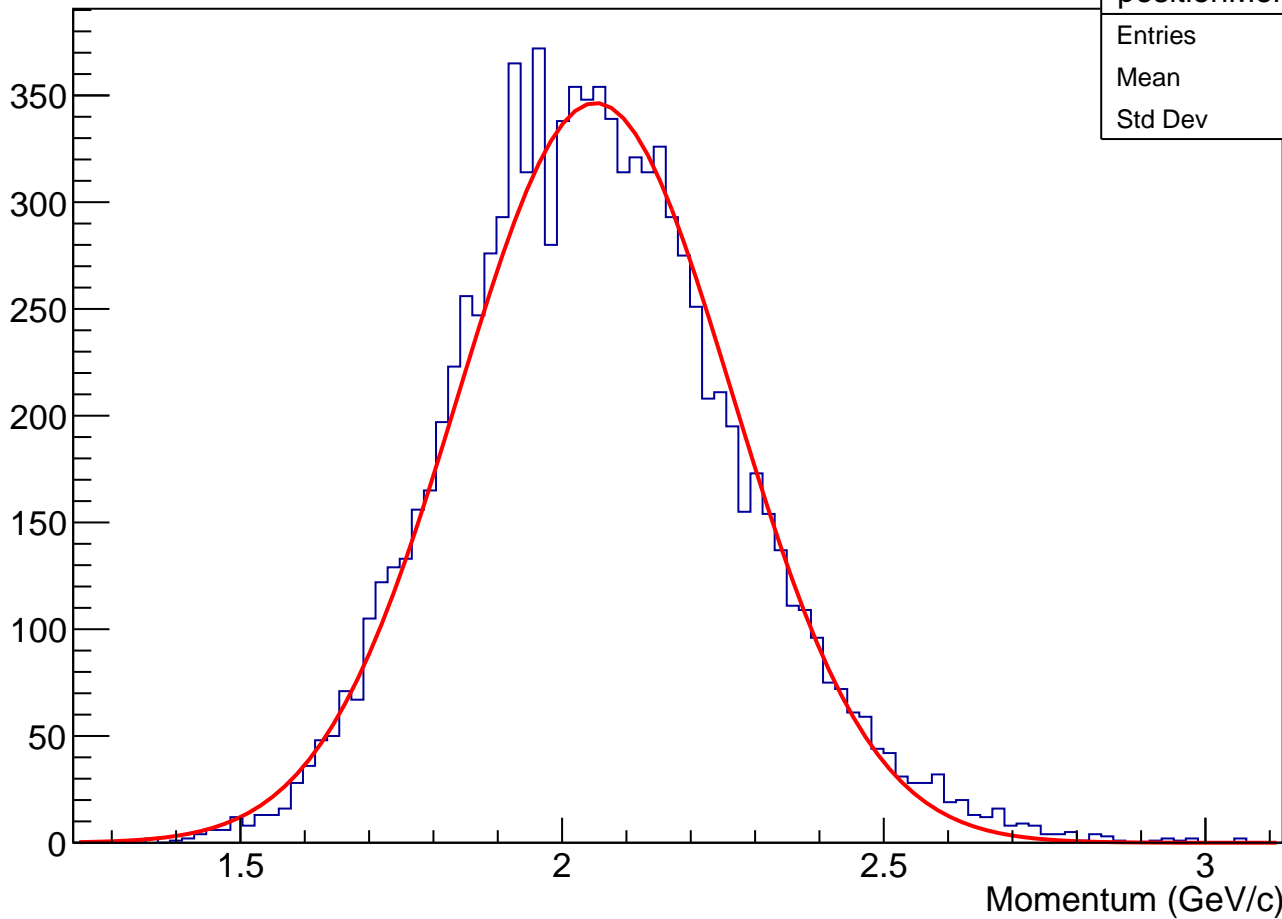
Counts



position	Momentum
Entries	10000
Mean	0.003138
Std Dev	0.002734

Momentum Distribution (Resolution = 100 μm)

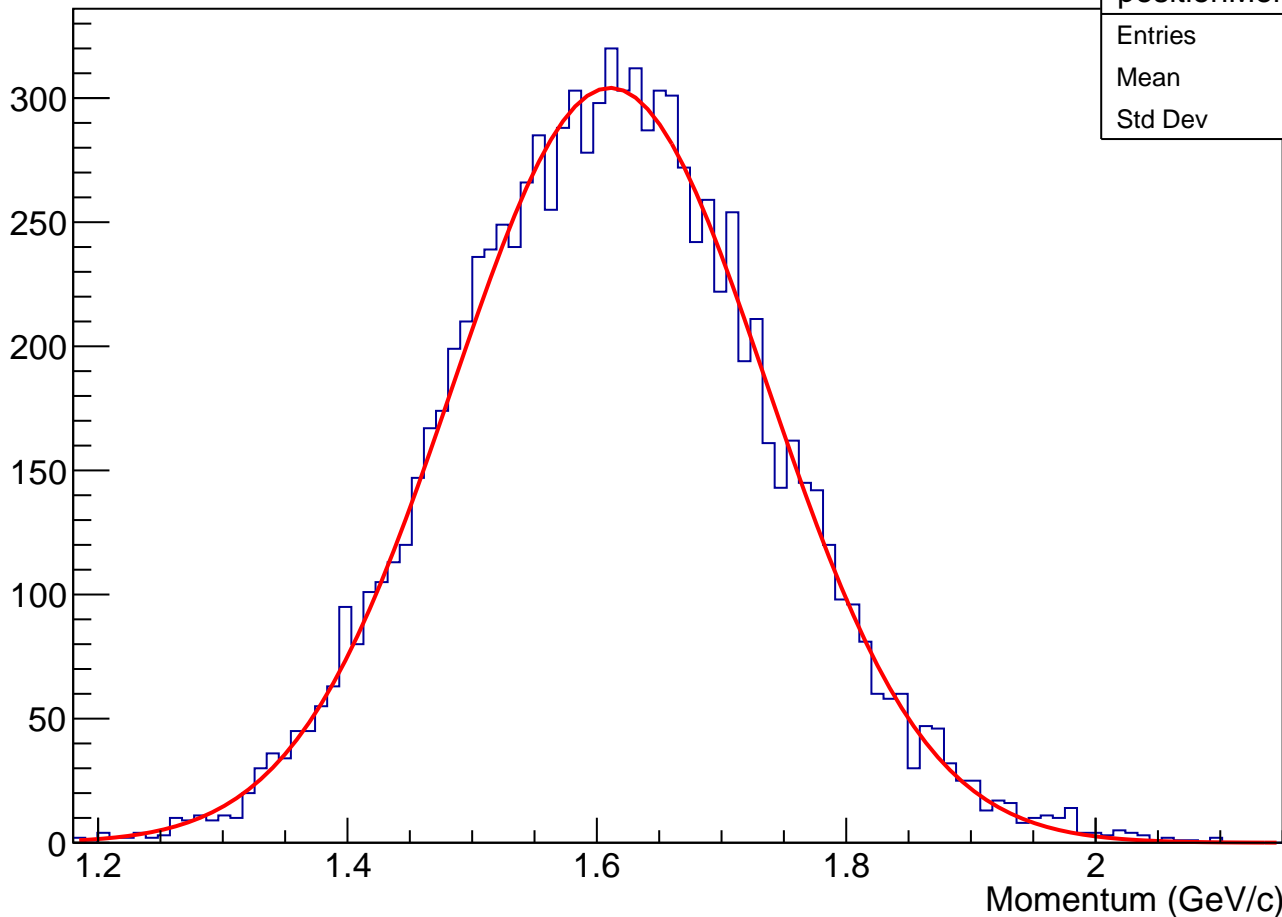
Counts



positionMomentum	
Entries	10000
Mean	2.055
Std Dev	0.2199

Momentum Distribution (Resolution = 100 μm)

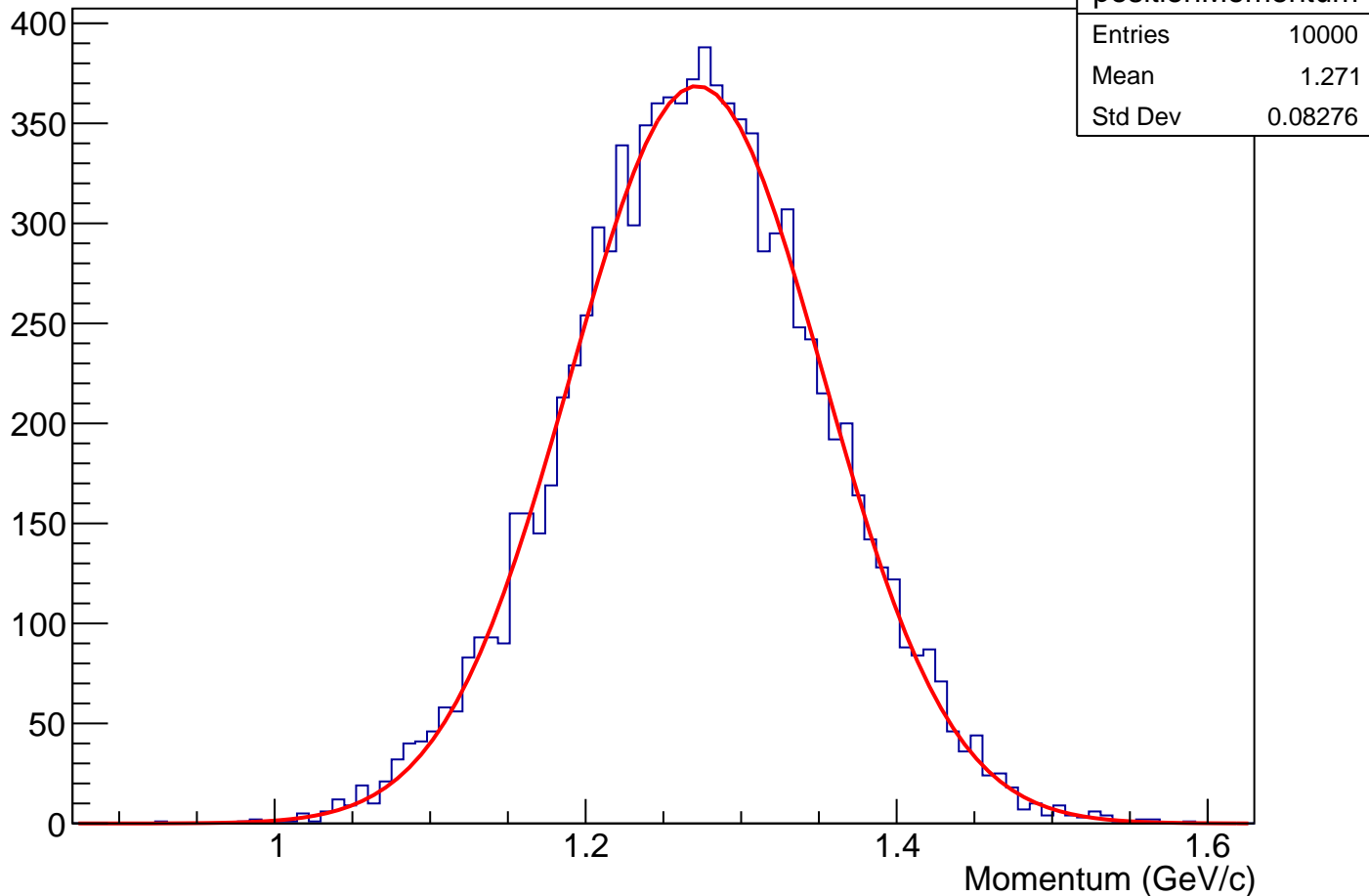
Counts



Momentum (GeV/c)

Momentum Distribution (Resolution = 100 μm)

Counts



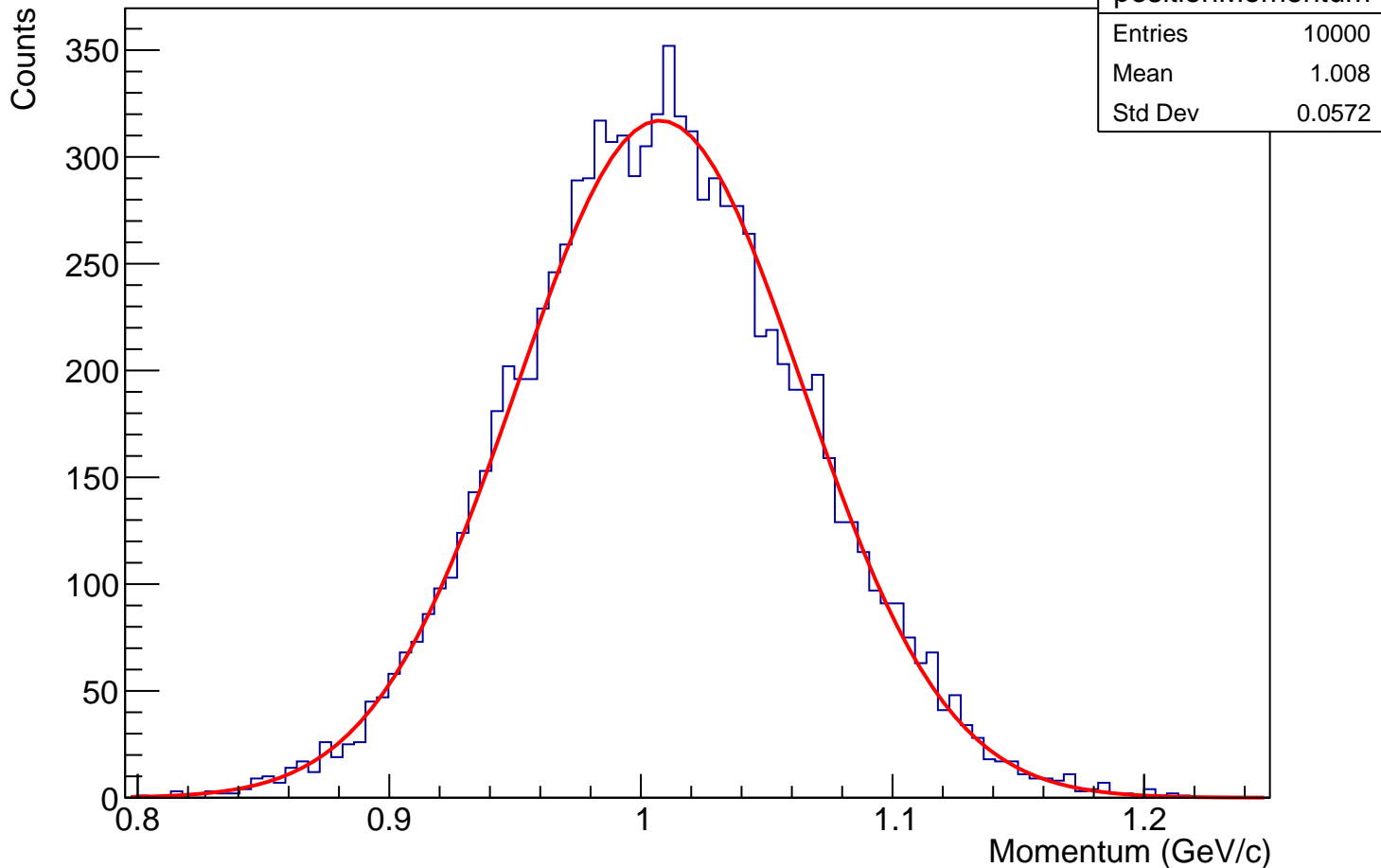
Momentum Distribution (Resolution = 100 μm)

Counts

350
300
250
200
150
100
50
0

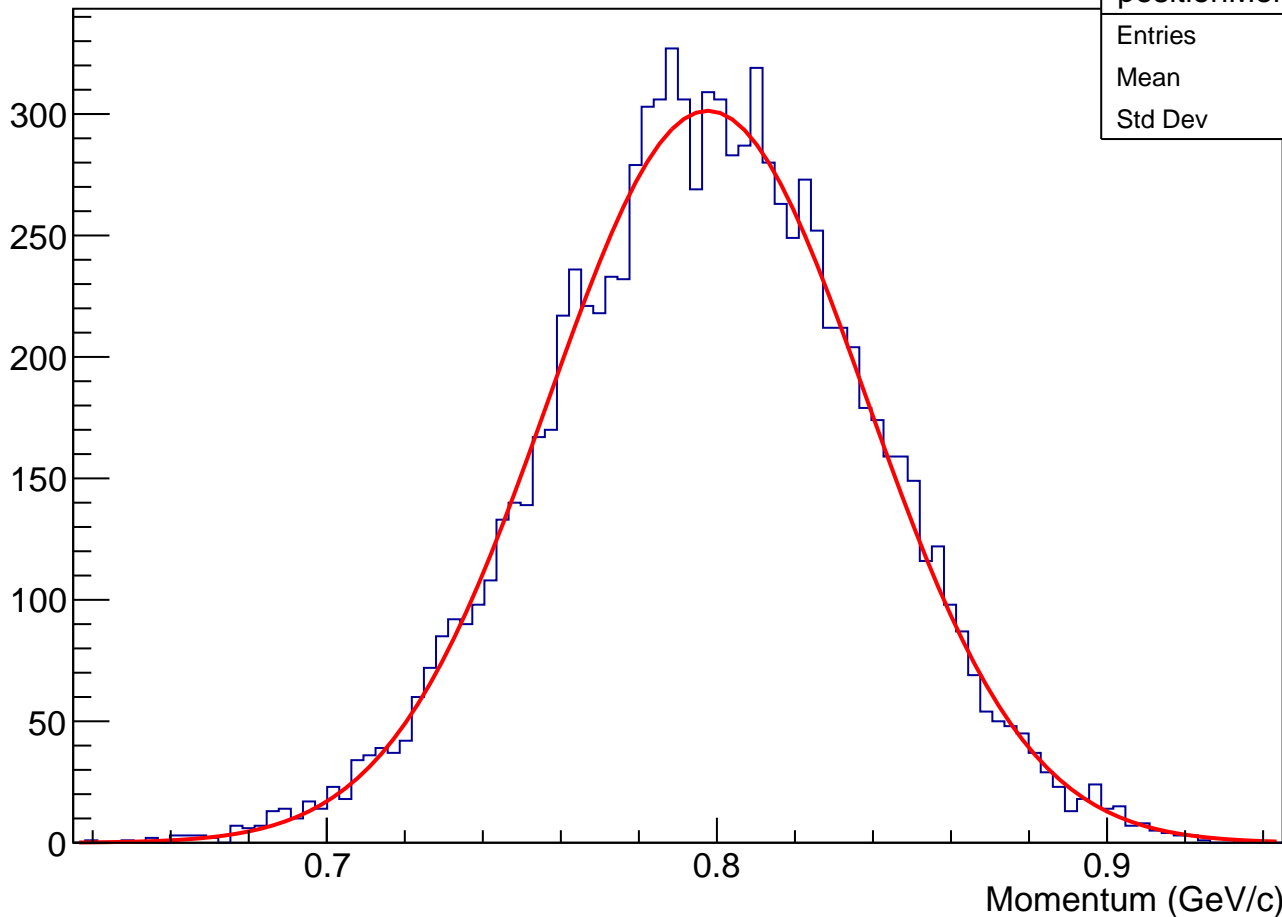
positionMomentum	
Entries	10000
Mean	1.008
Std Dev	0.0572

0.8 0.9 1 1.1 1.2
Momentum (GeV/c)



Momentum Distribution (Resolution = 100 μm)

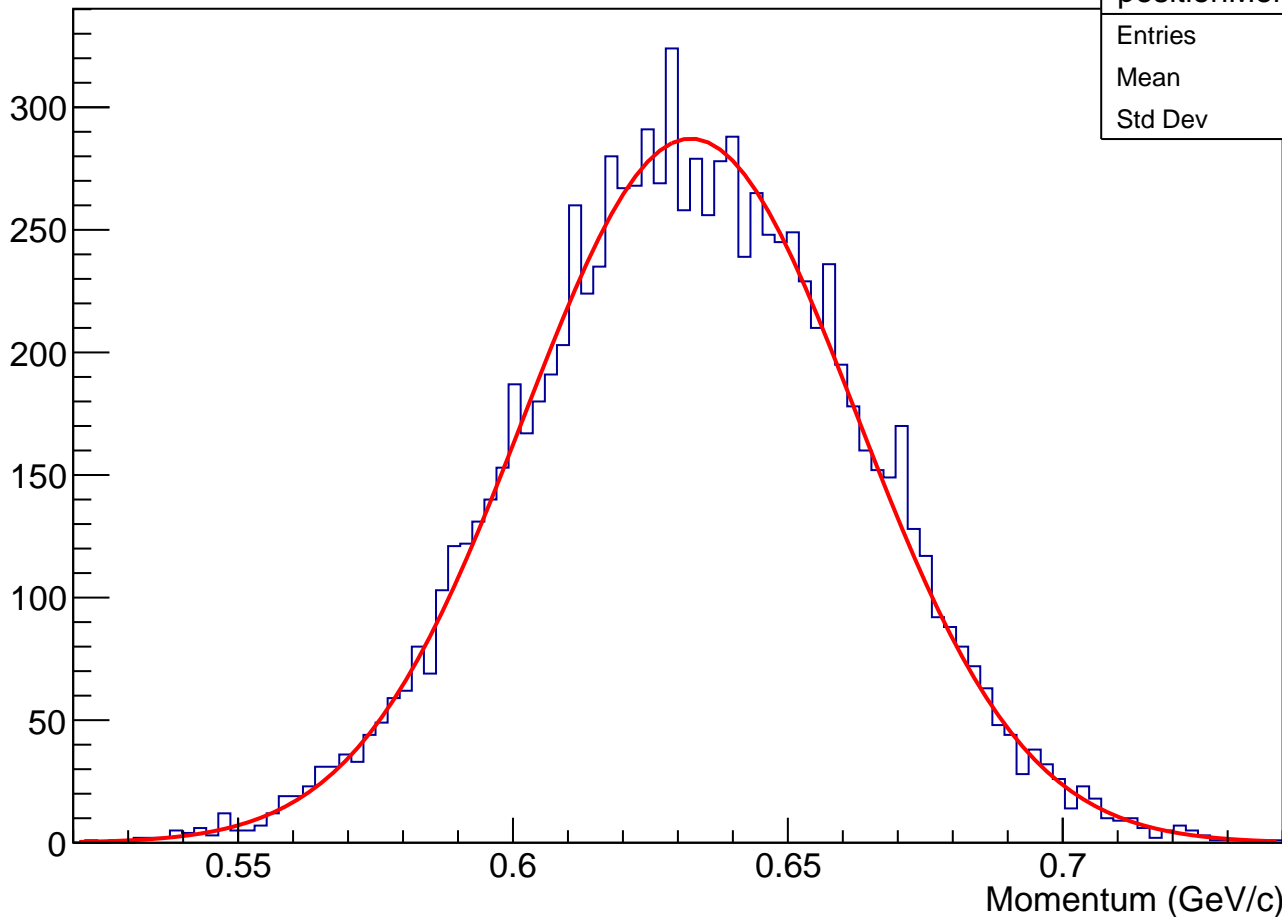
Counts



Momentum (GeV/c)

Momentum Distribution (Resolution = 100 μm)

Counts



positionMomentum	
Entries	10000
Mean	0.6324
Std Dev	0.03051

Momentum Distribution (Resolution = 100 μm)

Counts

300
250
200
150
100
50
0

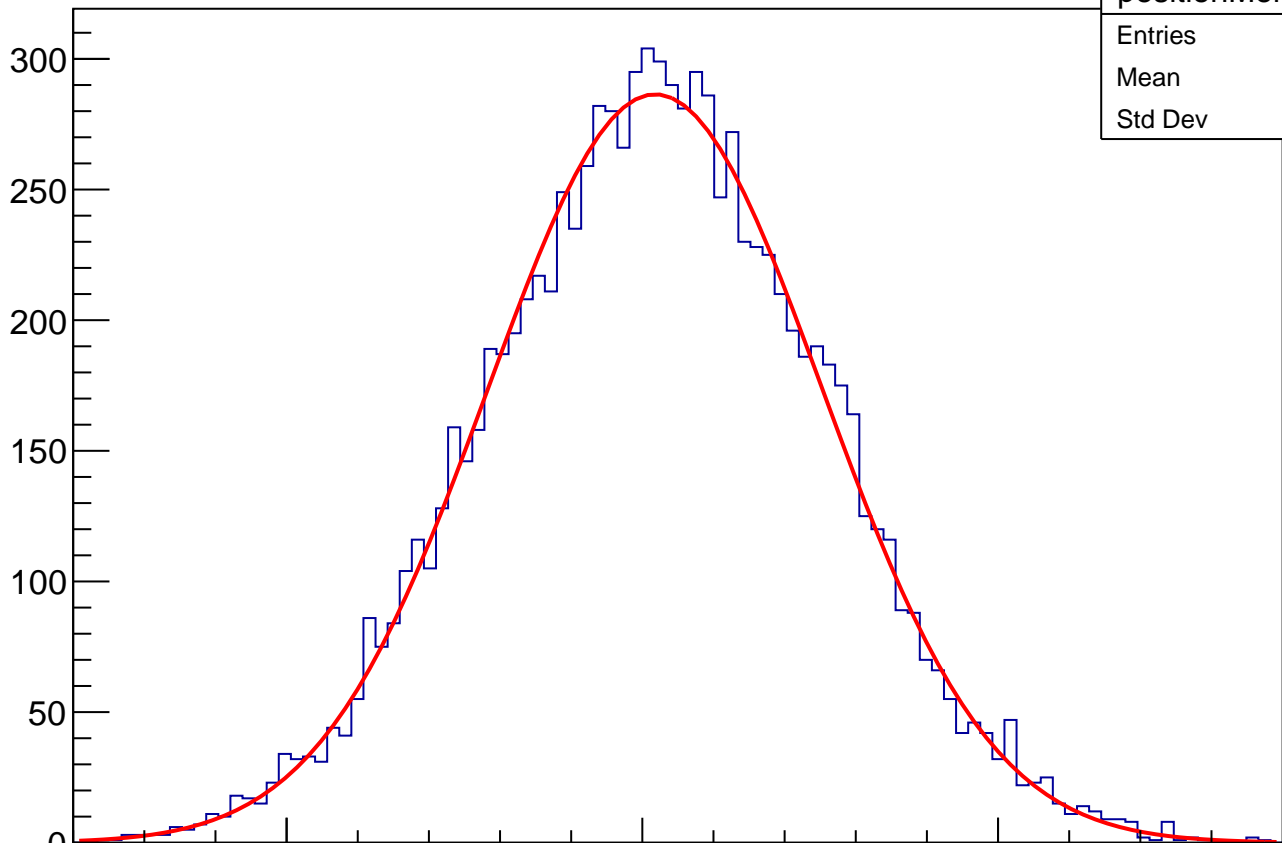
0.45

0.5

0.55

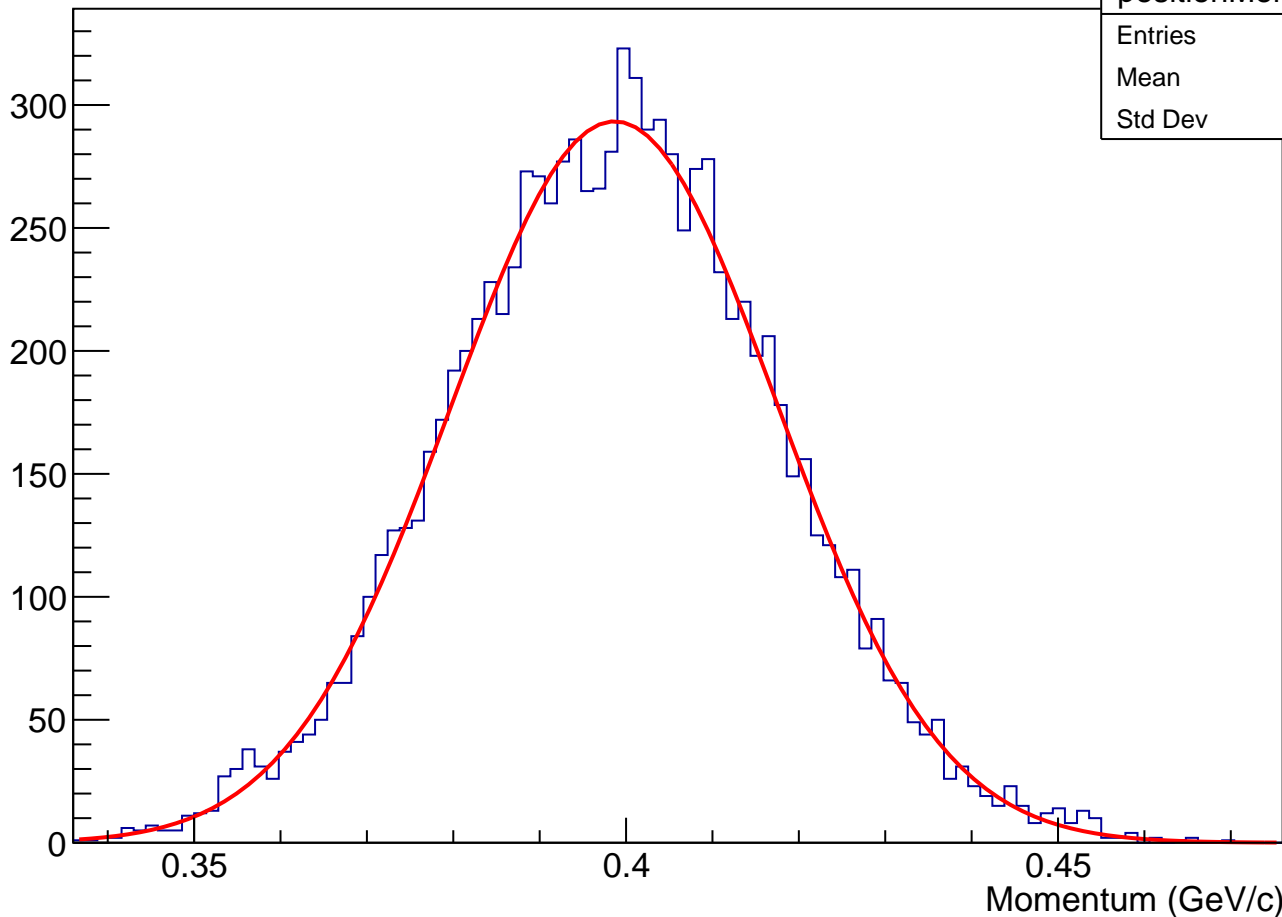
Momentum (GeV/c)

positionMomentum	
Entries	10000
Mean	0.5019
Std Dev	0.02368



Momentum Distribution (Resolution = 100 μm)

Counts

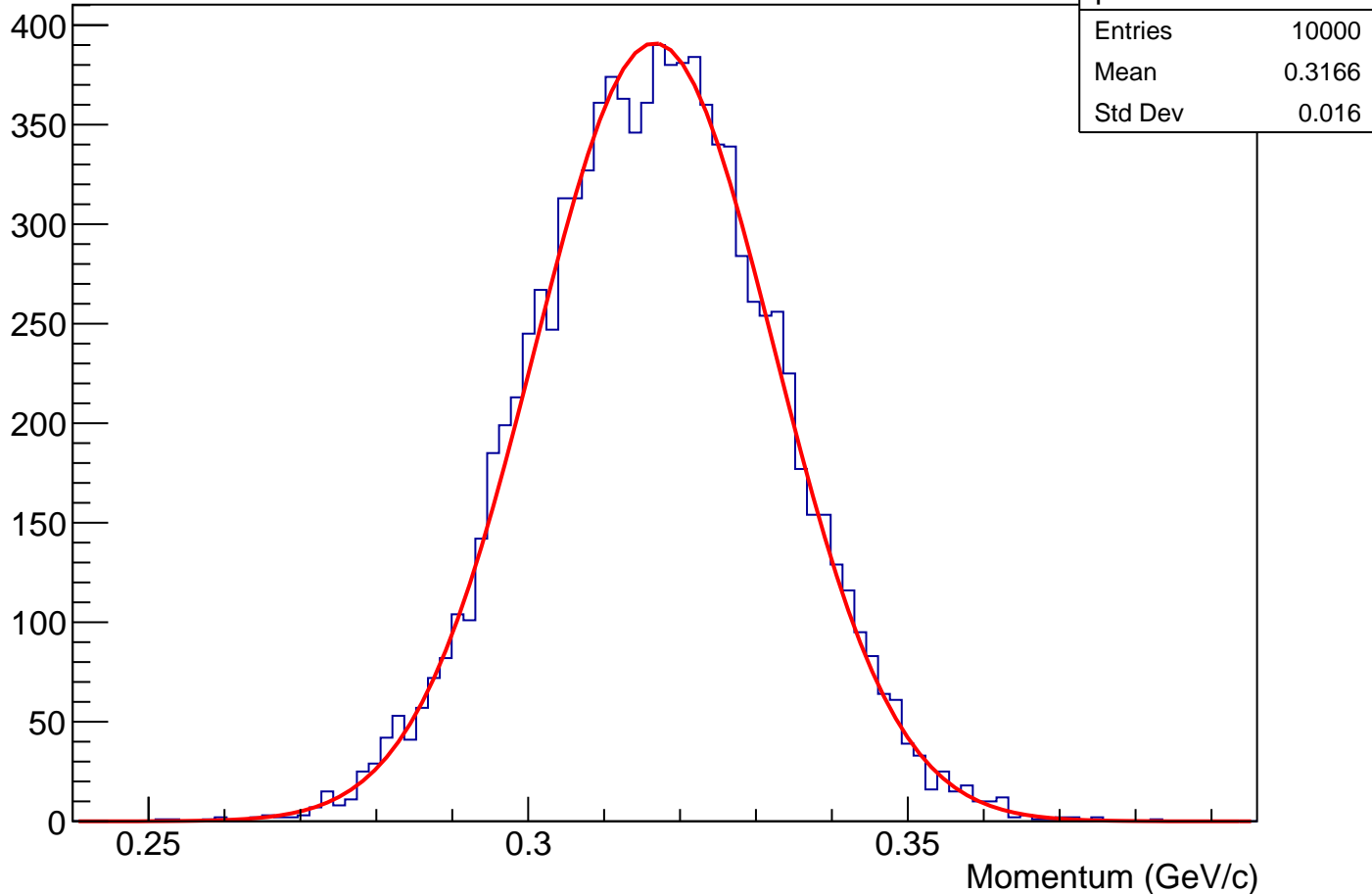


position	Momentum
Entries	10000
Mean	0.3987
Std Dev	0.01905

Momentum (GeV/c)

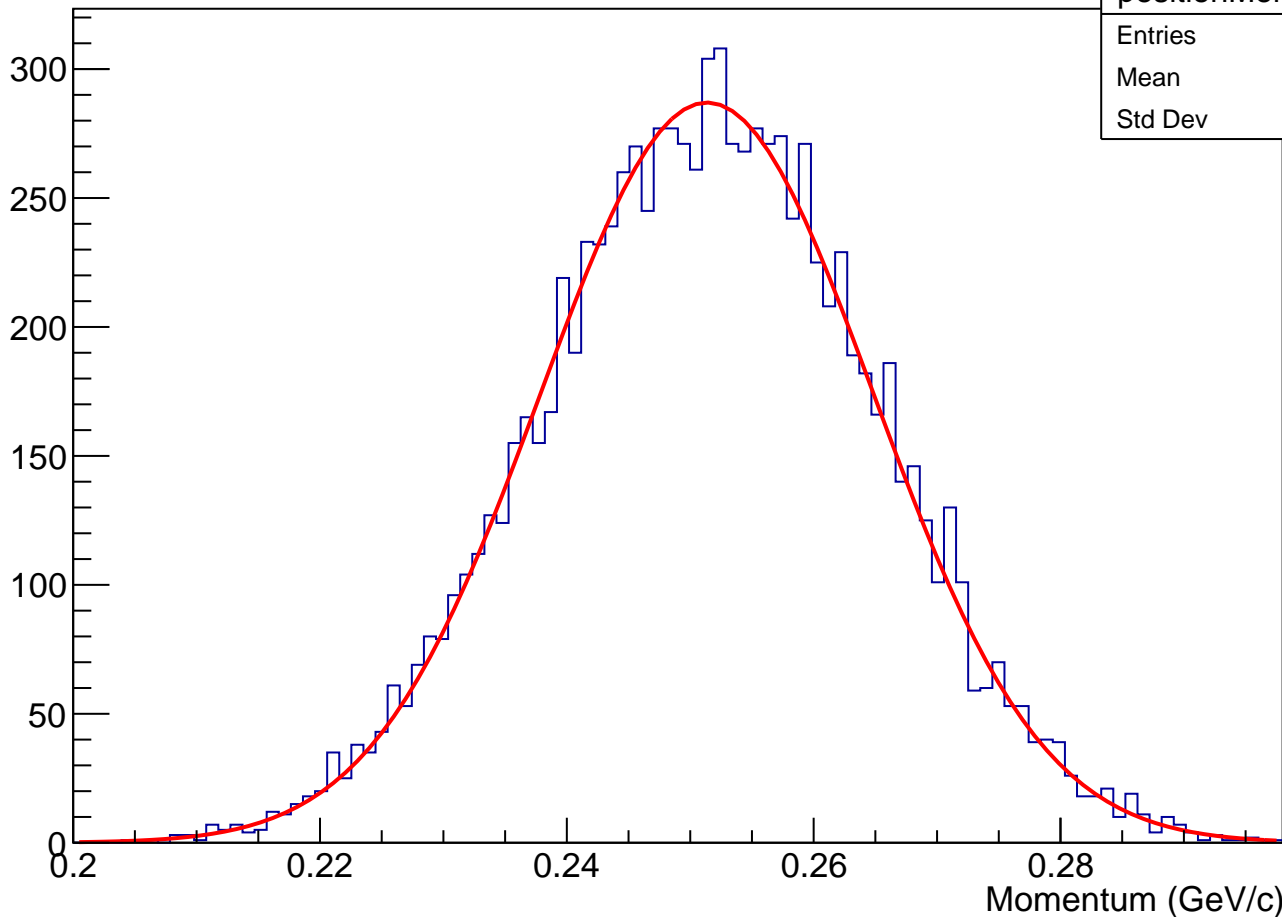
Momentum Distribution (Resolution = 100 μm)

Counts



Momentum Distribution (Resolution = 100 μm)

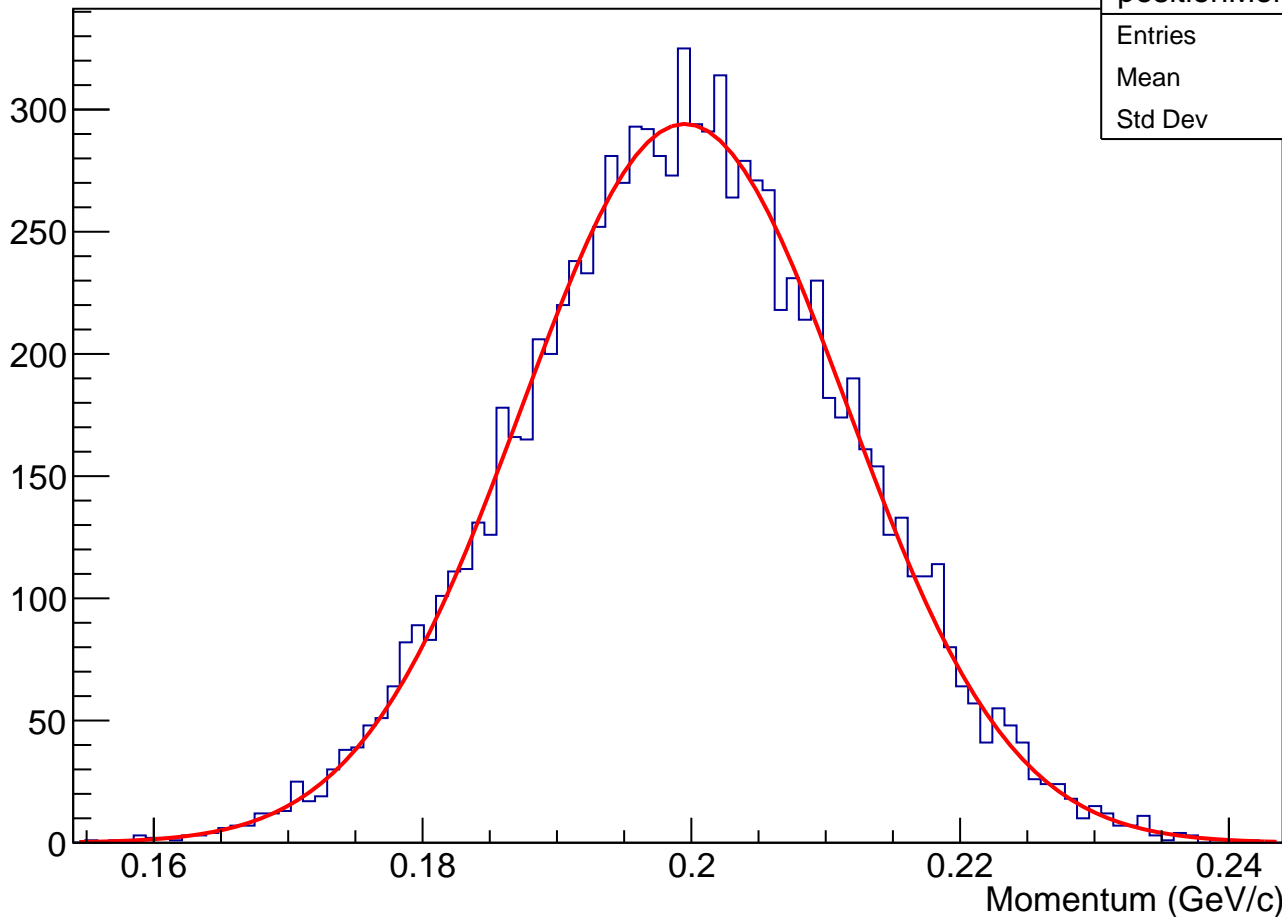
Counts



position	Momentum
Entries	10000
Mean	0.2514
Std Dev	0.01362

Momentum Distribution (Resolution = 100 μm)

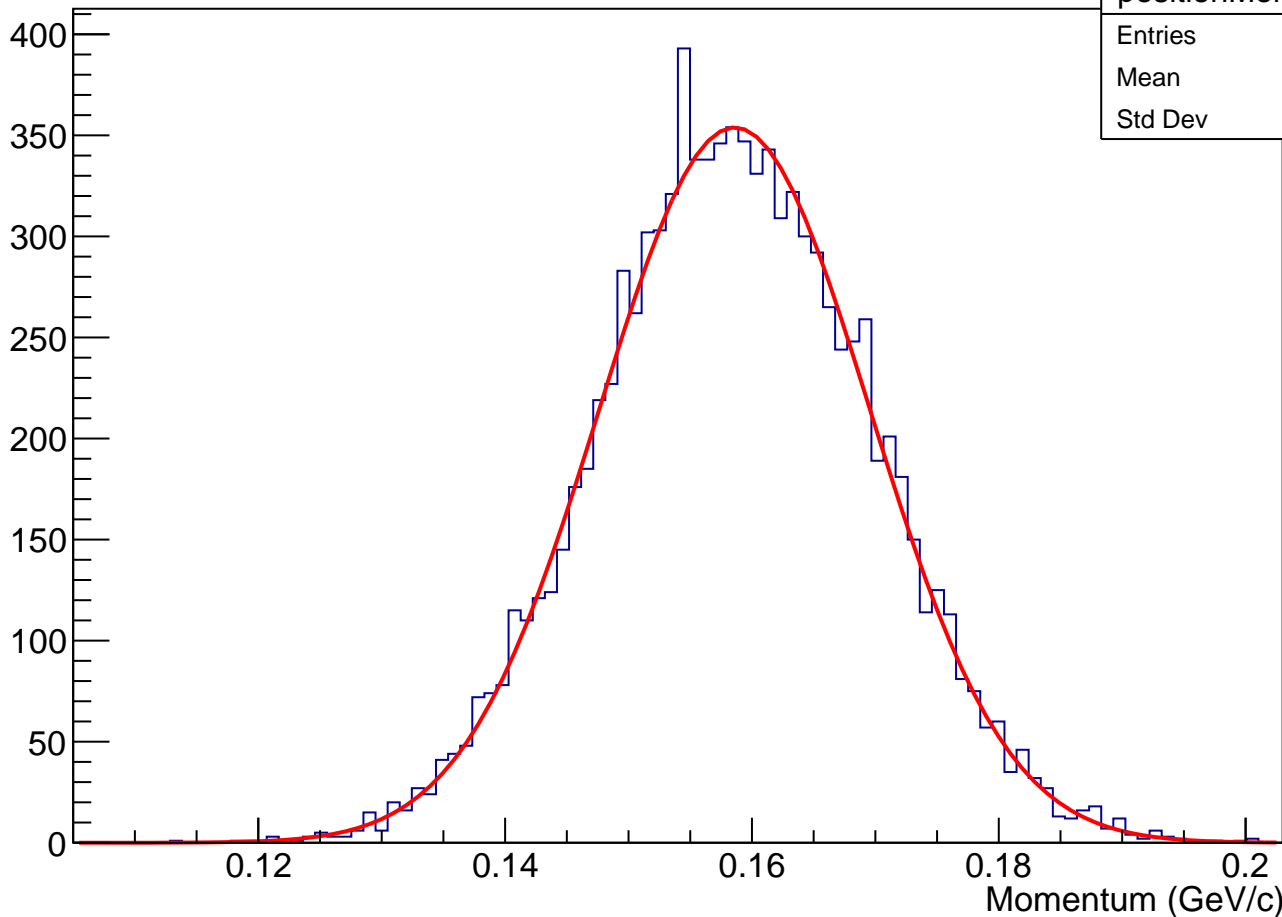
Counts



positionMomentum	
Entries	10000
Mean	0.1995
Std Dev	0.01219

Momentum Distribution (Resolution = 100 μm)

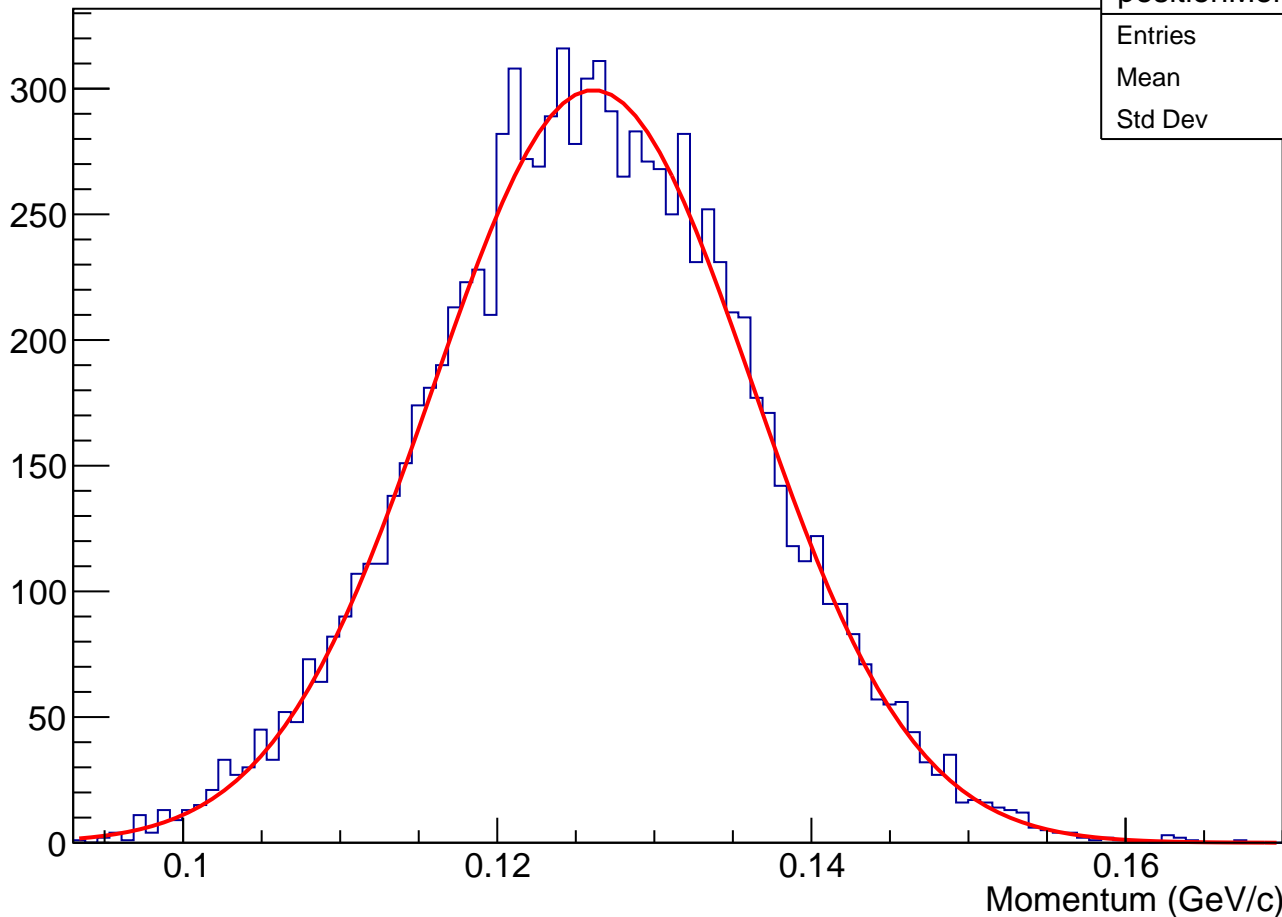
Counts



positionMomentum	
Entries	10000
Mean	0.1586
Std Dev	0.01108

Momentum Distribution (Resolution = 100 μm)

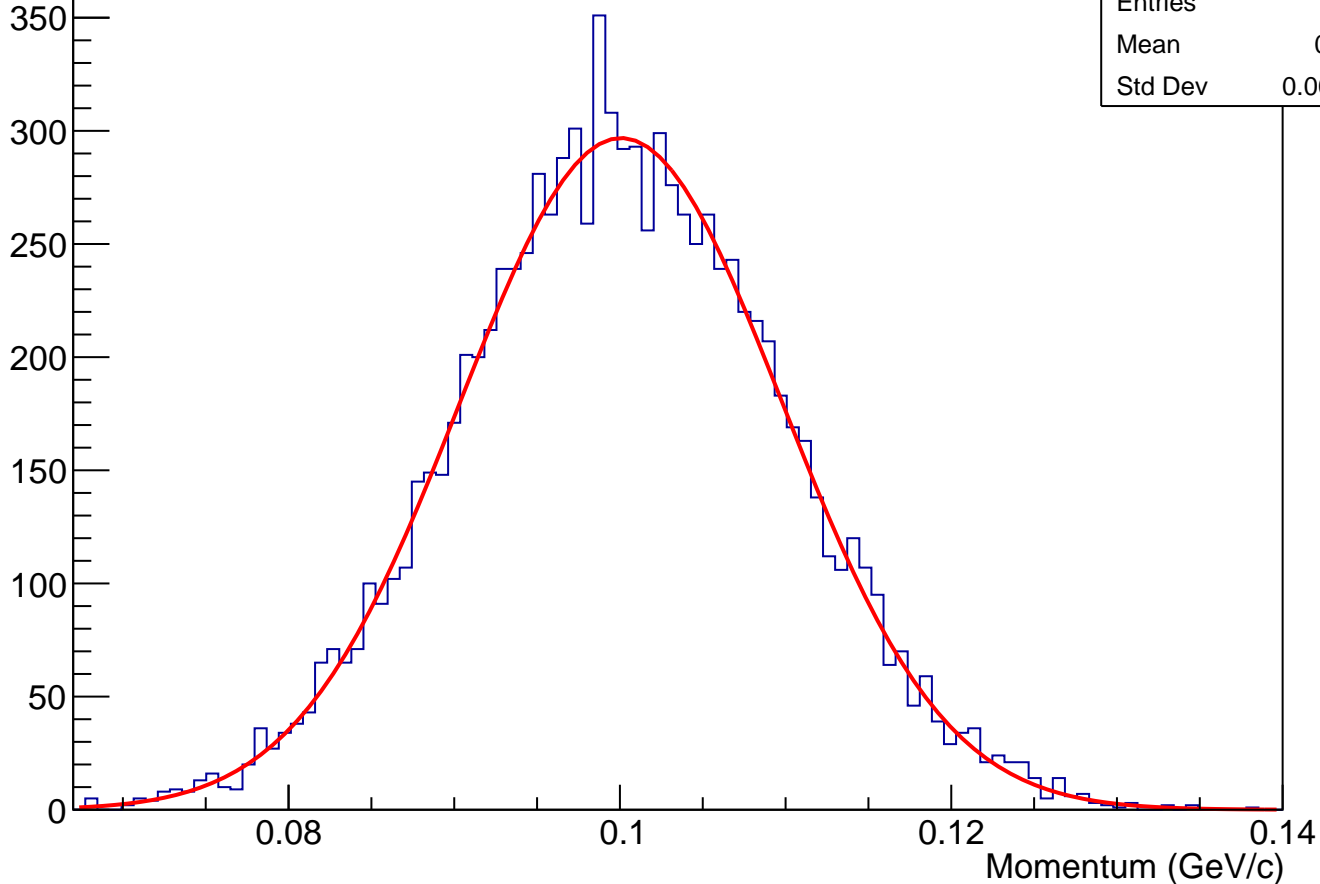
Counts



Momentum (GeV/c)

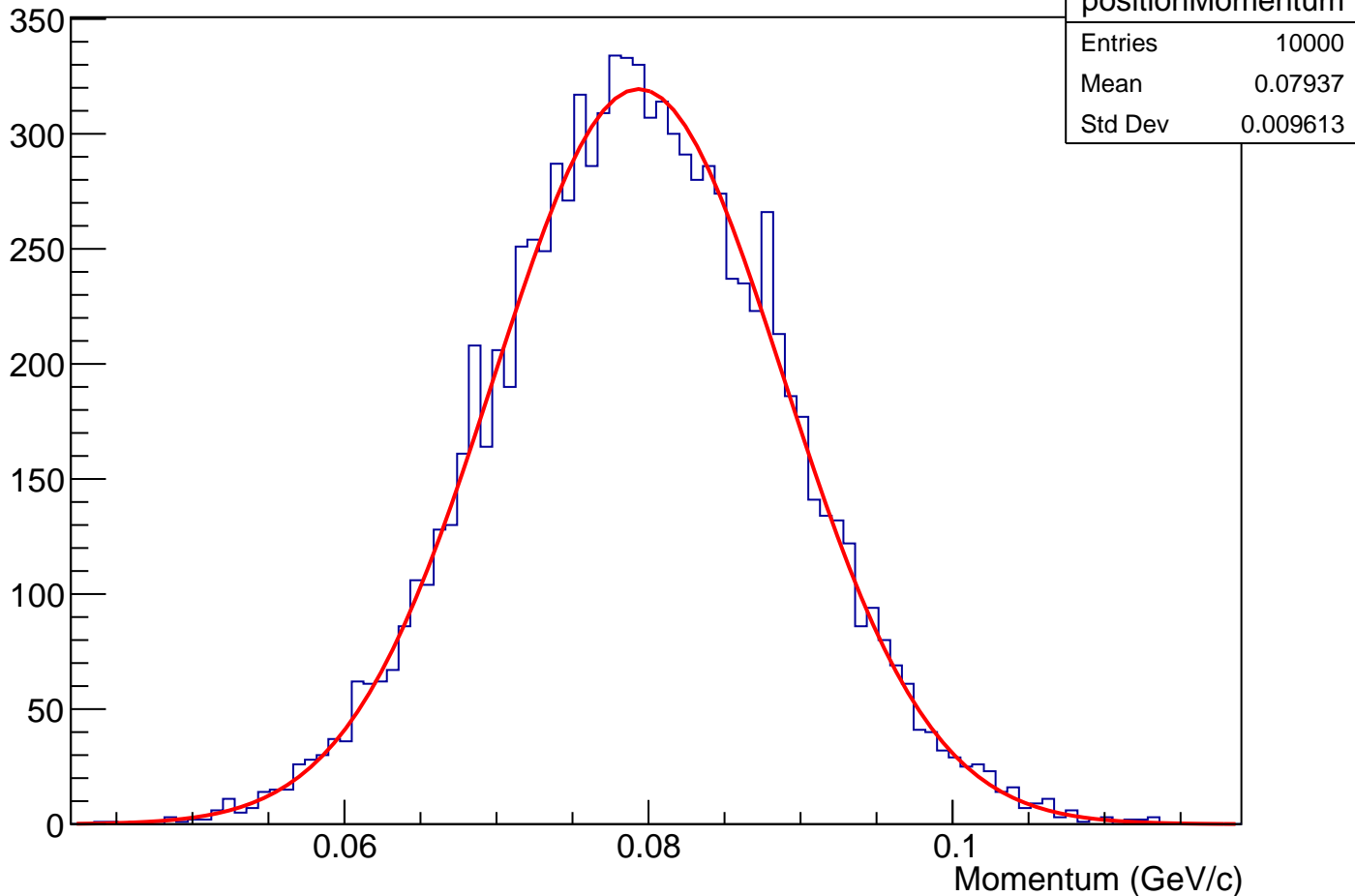
Momentum Distribution (Resolution = 100 μm)

Counts



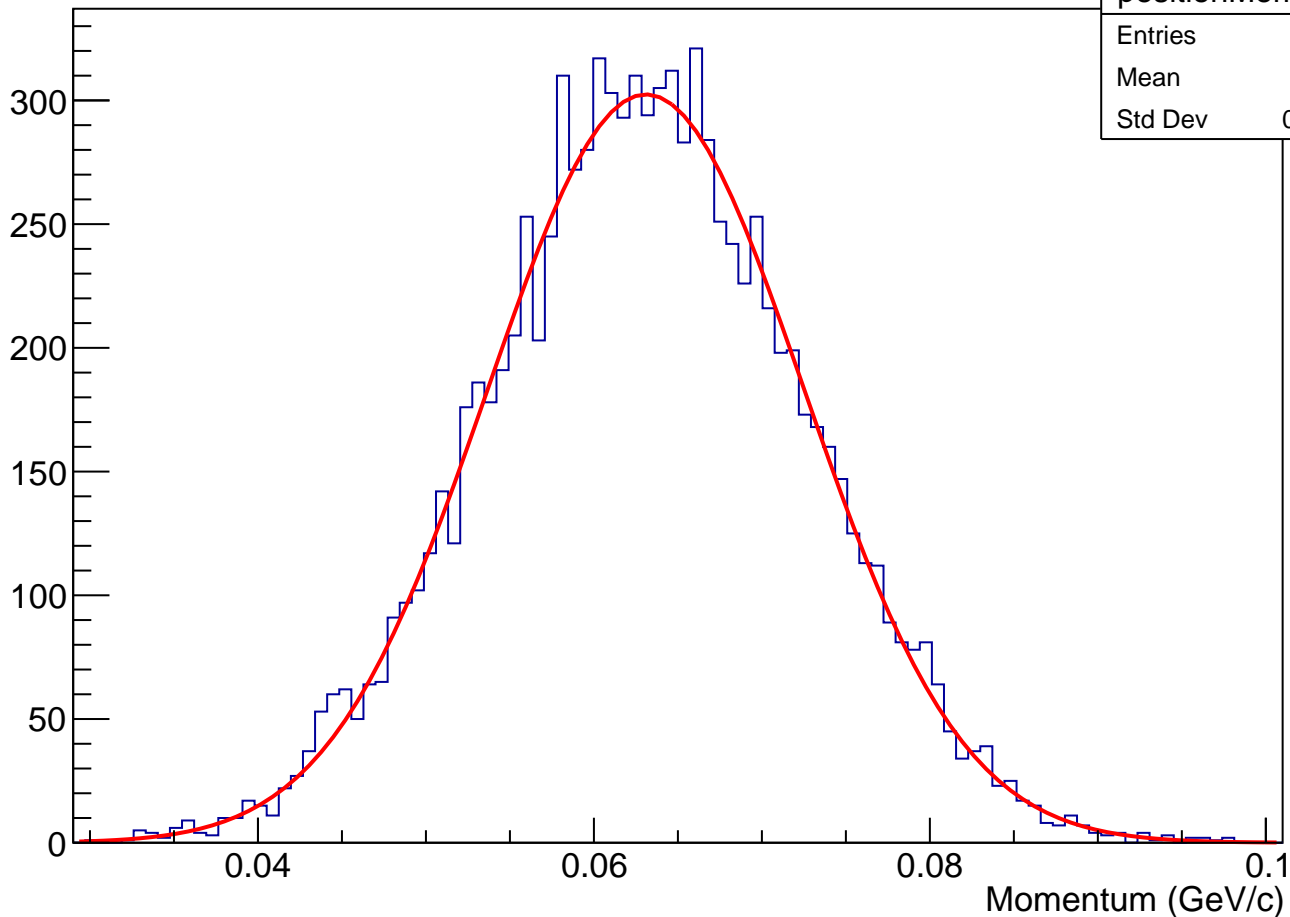
Momentum Distribution (Resolution = 100 μm)

Counts



Momentum Distribution (Resolution = 100 μm)

Counts



positionMomentum	
Entries	10000
Mean	0.06306
Std Dev	0.009492

Momentum Distribution (Resolution = 100 μm)

Counts

300

250

200

150

100

50

0

0.02

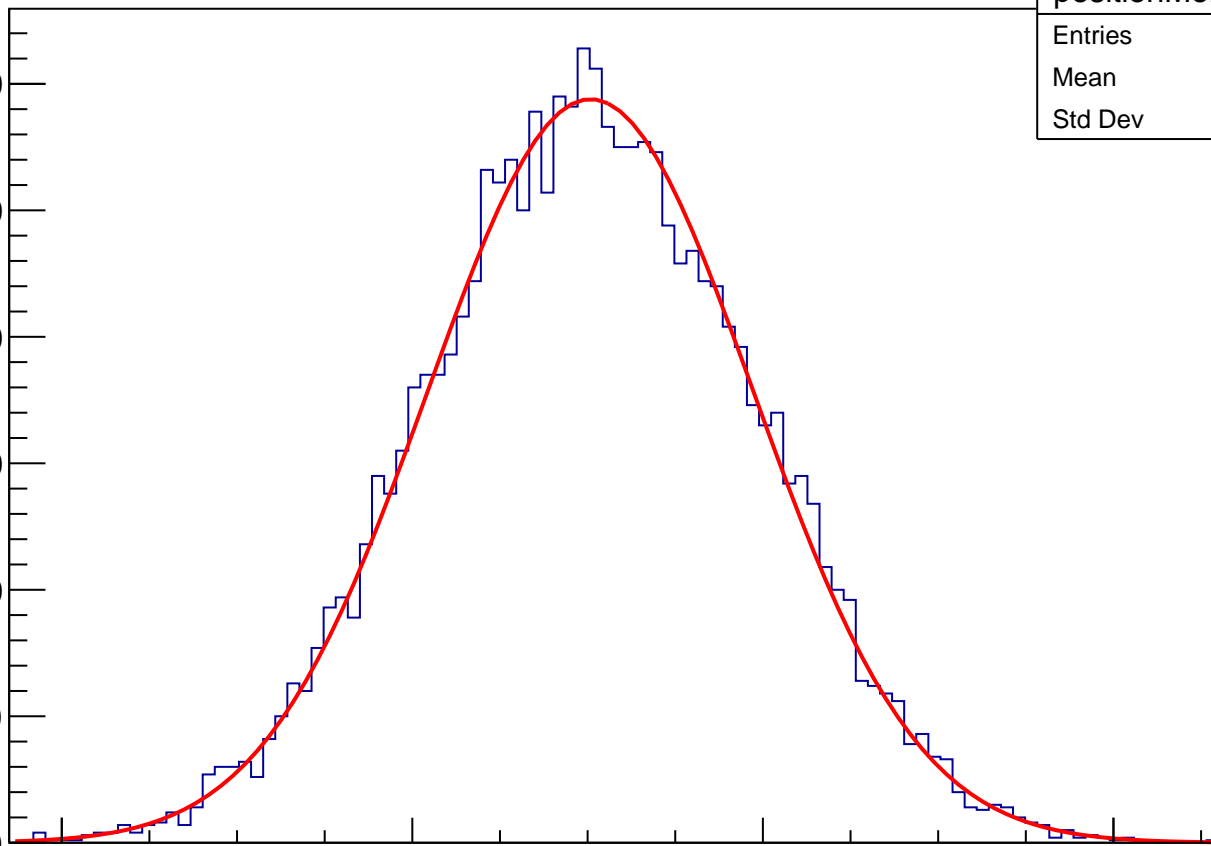
0.04

0.06

0.08

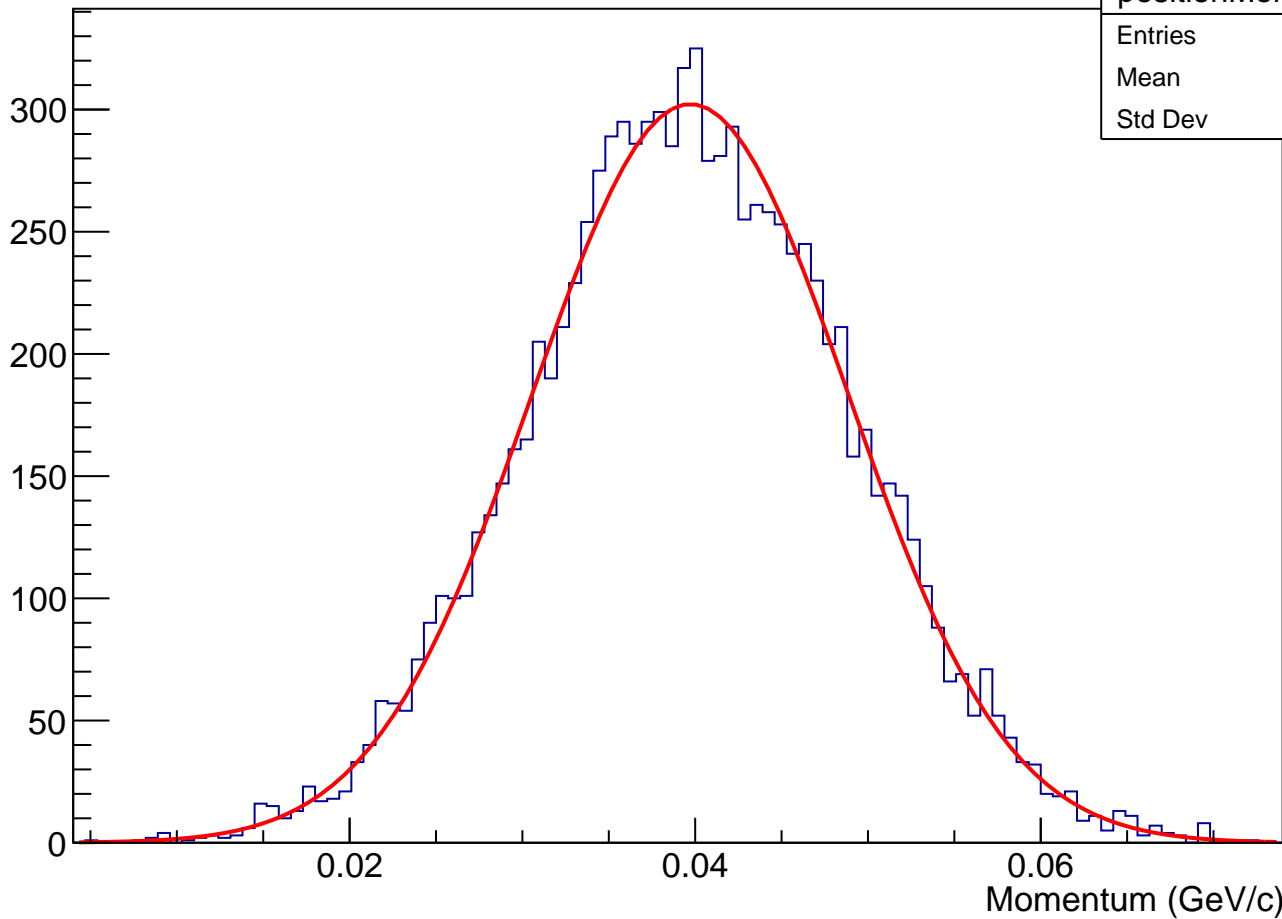
Momentum (GeV/c)

positionMomentum	
Entries	10000
Mean	0.05016
Std Dev	0.009357



Momentum Distribution (Resolution = 100 μm)

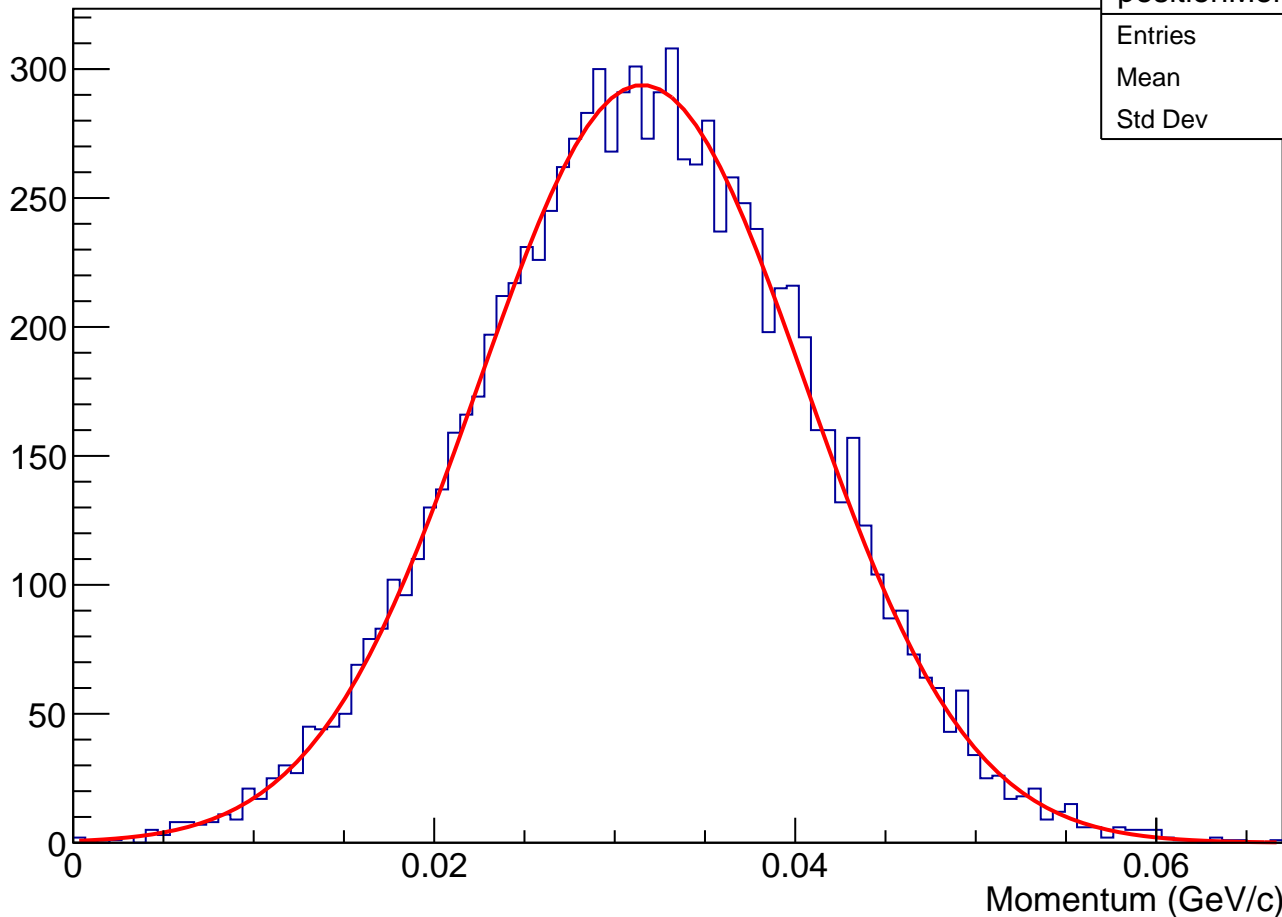
Counts



positionMomentum	
Entries	10000
Mean	0.03972
Std Dev	0.00926

Momentum Distribution (Resolution = 100 μm)

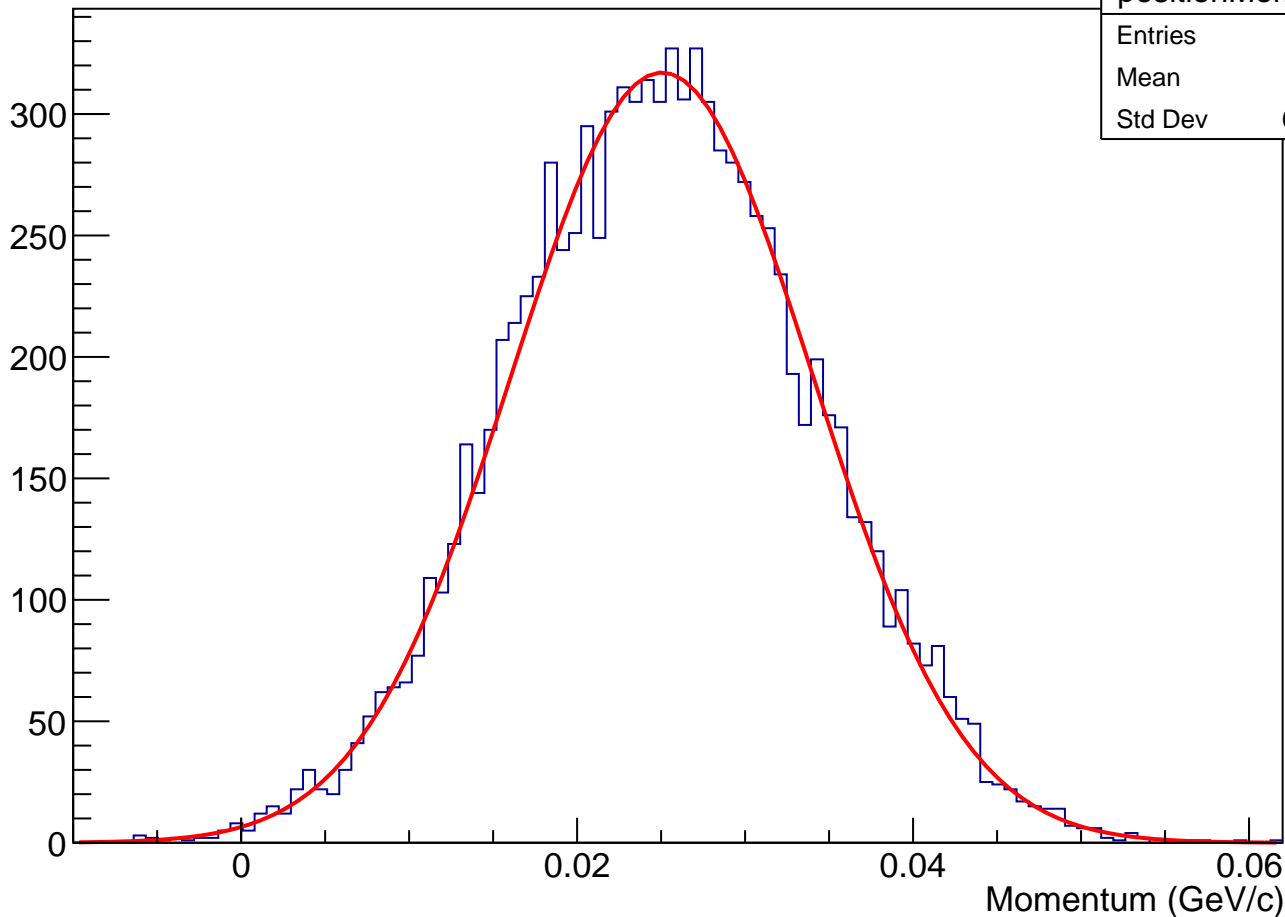
Counts



positionMomentum	
Entries	10000
Mean	0.03158
Std Dev	0.009099

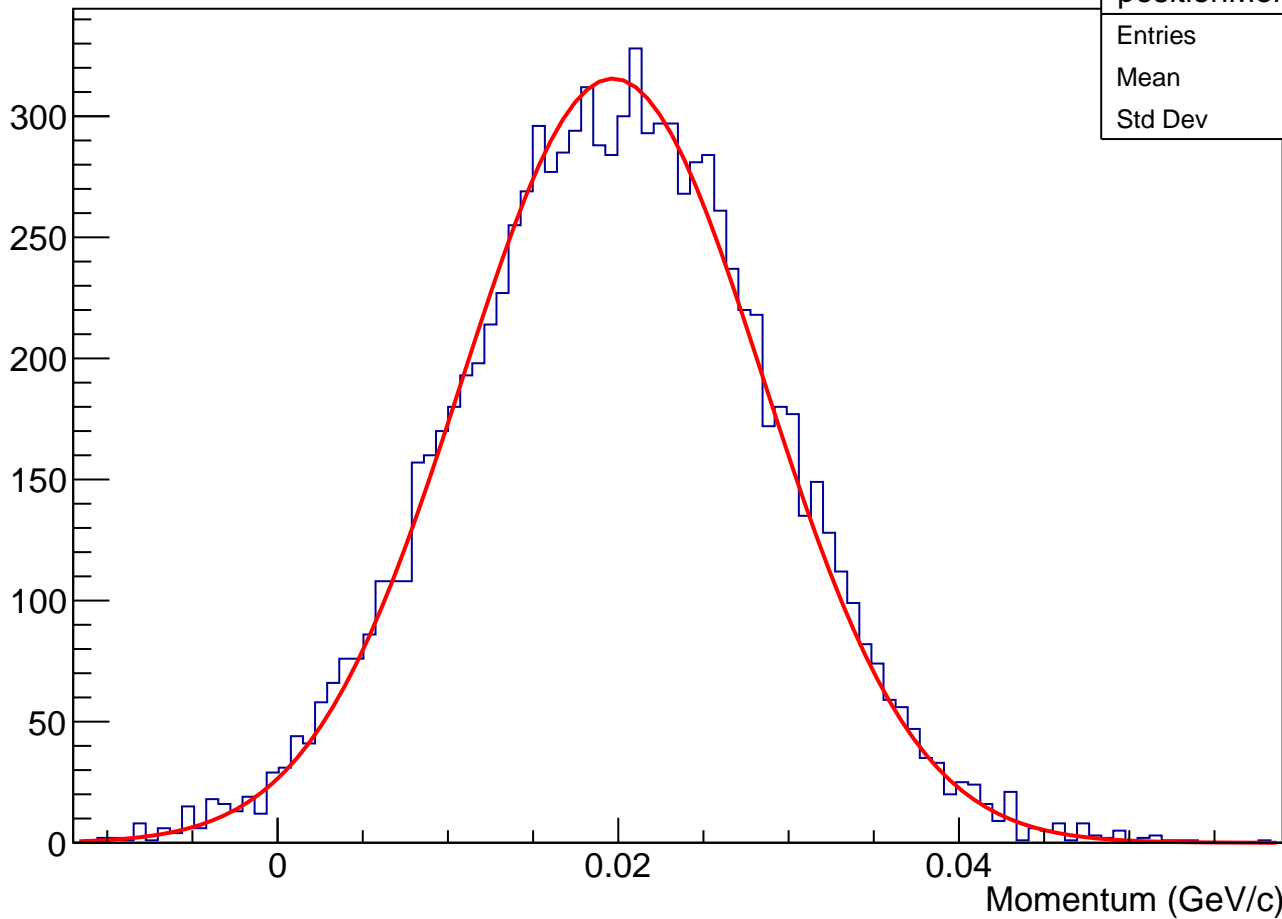
Momentum Distribution (Resolution = 100 μm)

Counts



Momentum Distribution (Resolution = 100 μm)

Counts

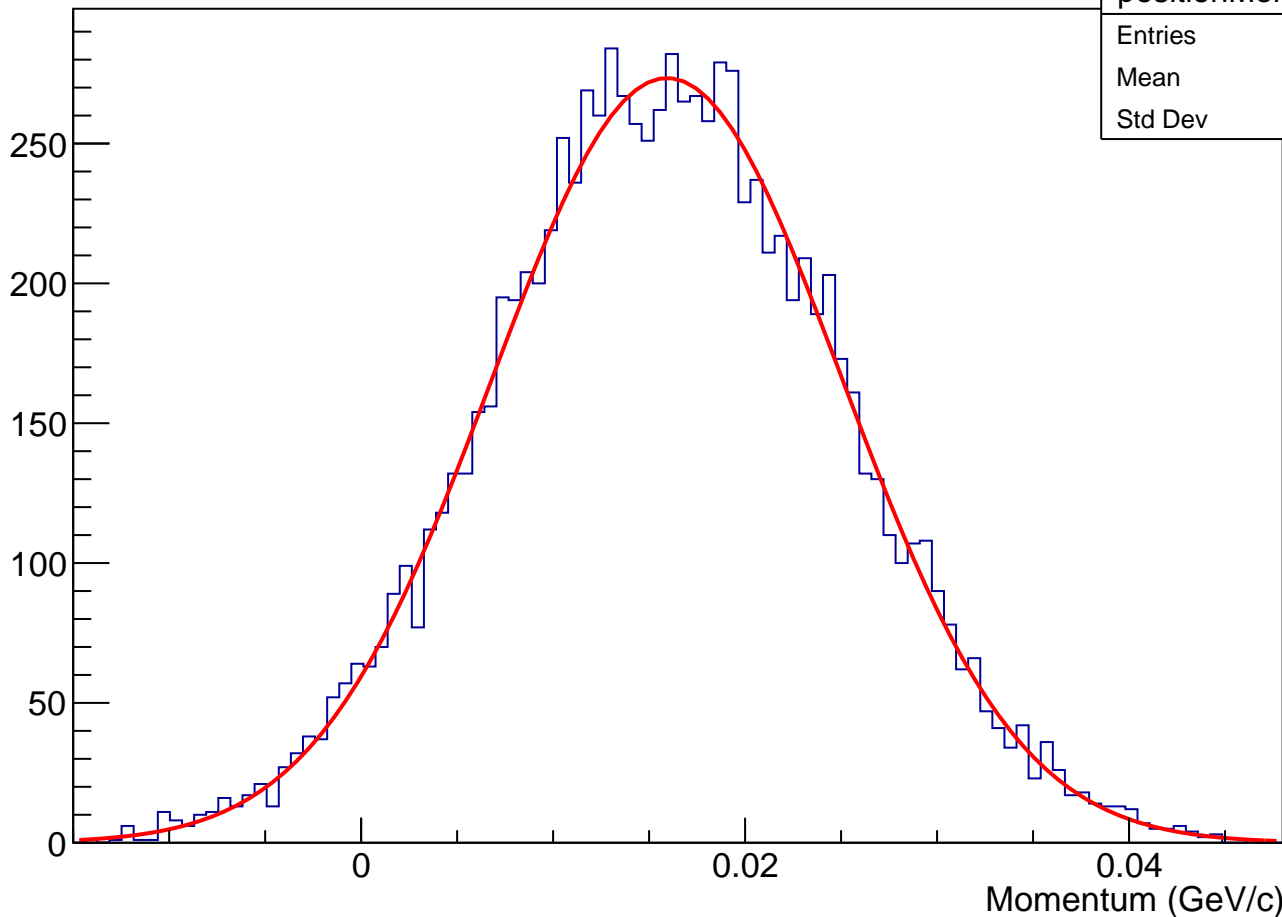


position	Momentum
Entries	10000
Mean	0.01981
Std Dev	0.00915

Momentum (GeV/c)

Momentum Distribution (Resolution = 100 μm)

Counts



positionMomentum	
Entries	10000
Mean	0.01589
Std Dev	0.009169

Momentum Distribution (Resolution = 100 μm)

Counts

350
300
250
200
150
100
50
0

-0.02

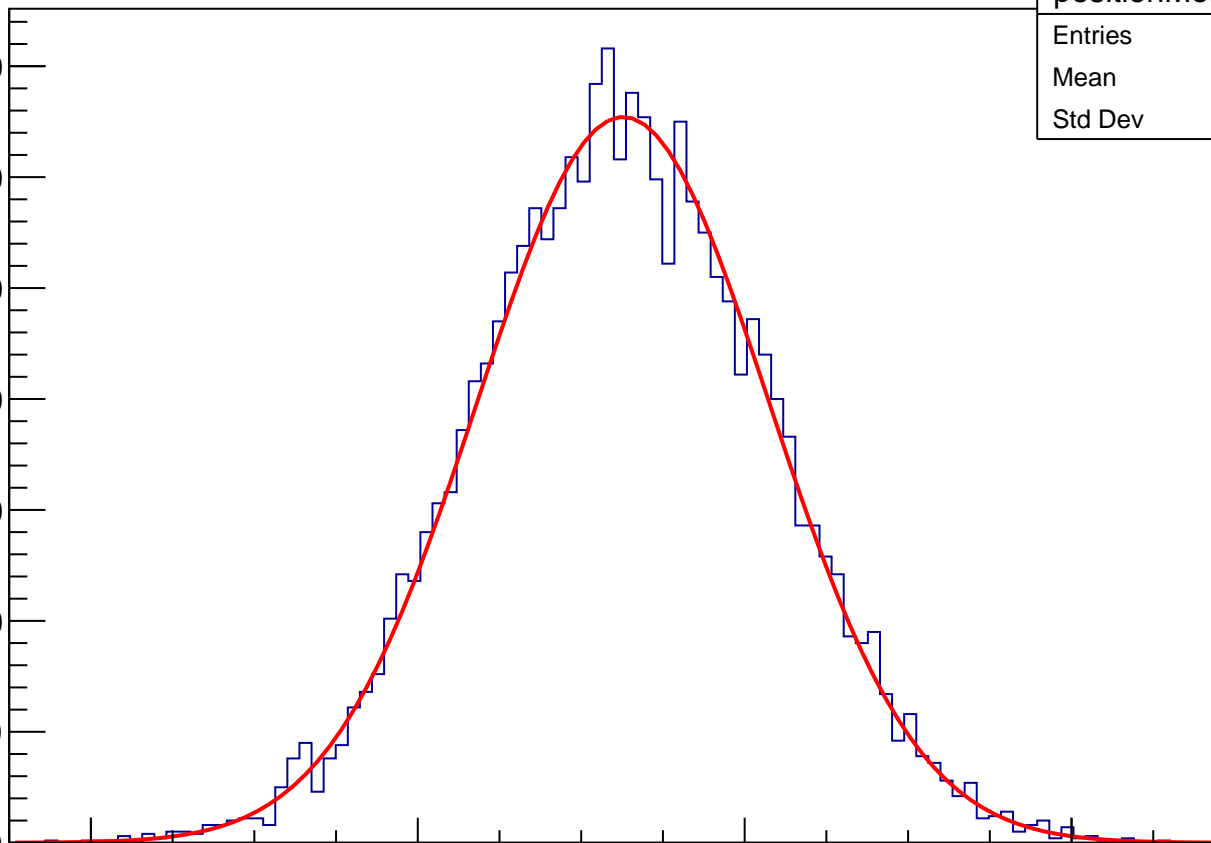
0

0.02

0.04

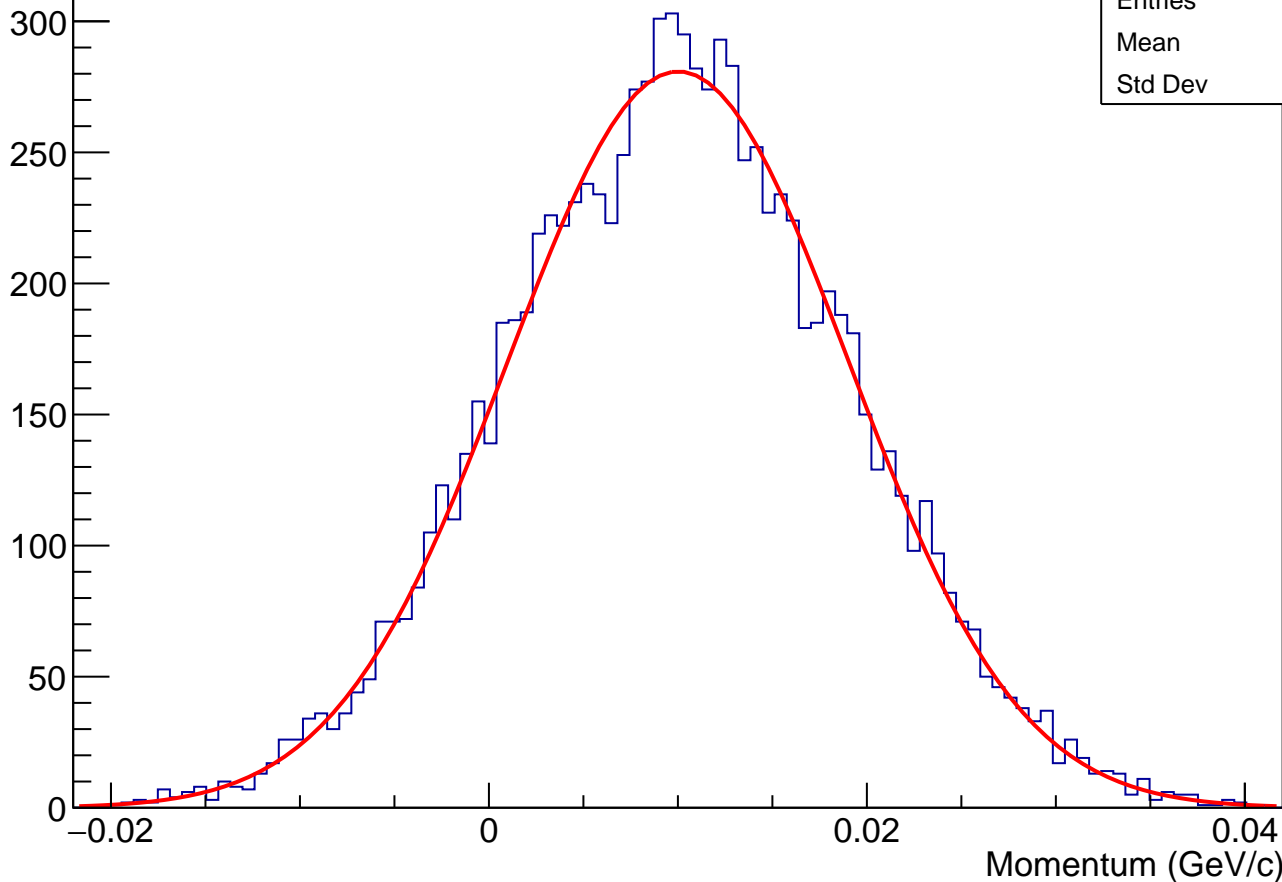
Momentum (GeV/c)

positionMomentum	
Entries	10000
Mean	0.01254
Std Dev	0.009049



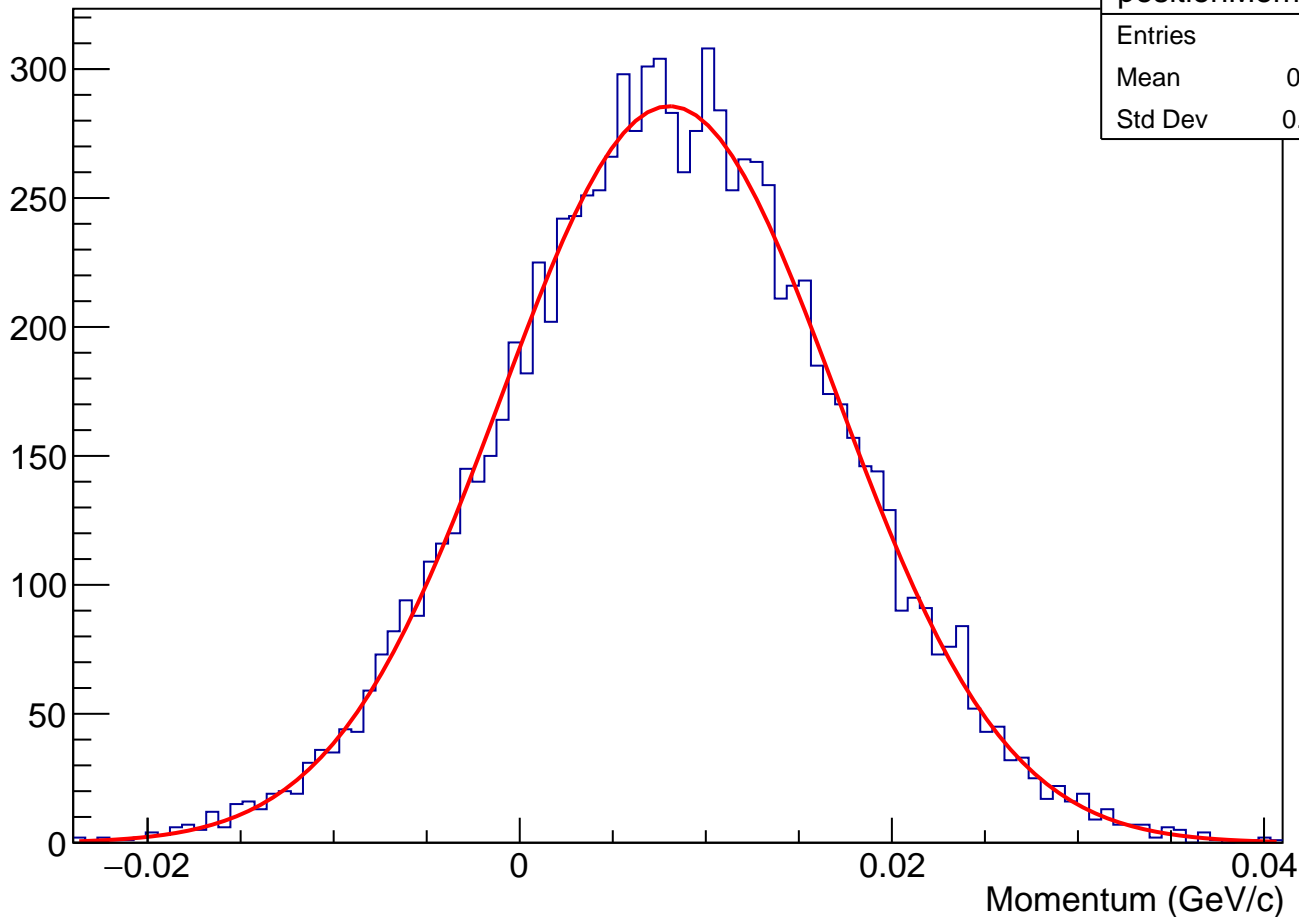
Momentum Distribution (Resolution = 100 μm)

Counts



Momentum Distribution (Resolution = 100 μm)

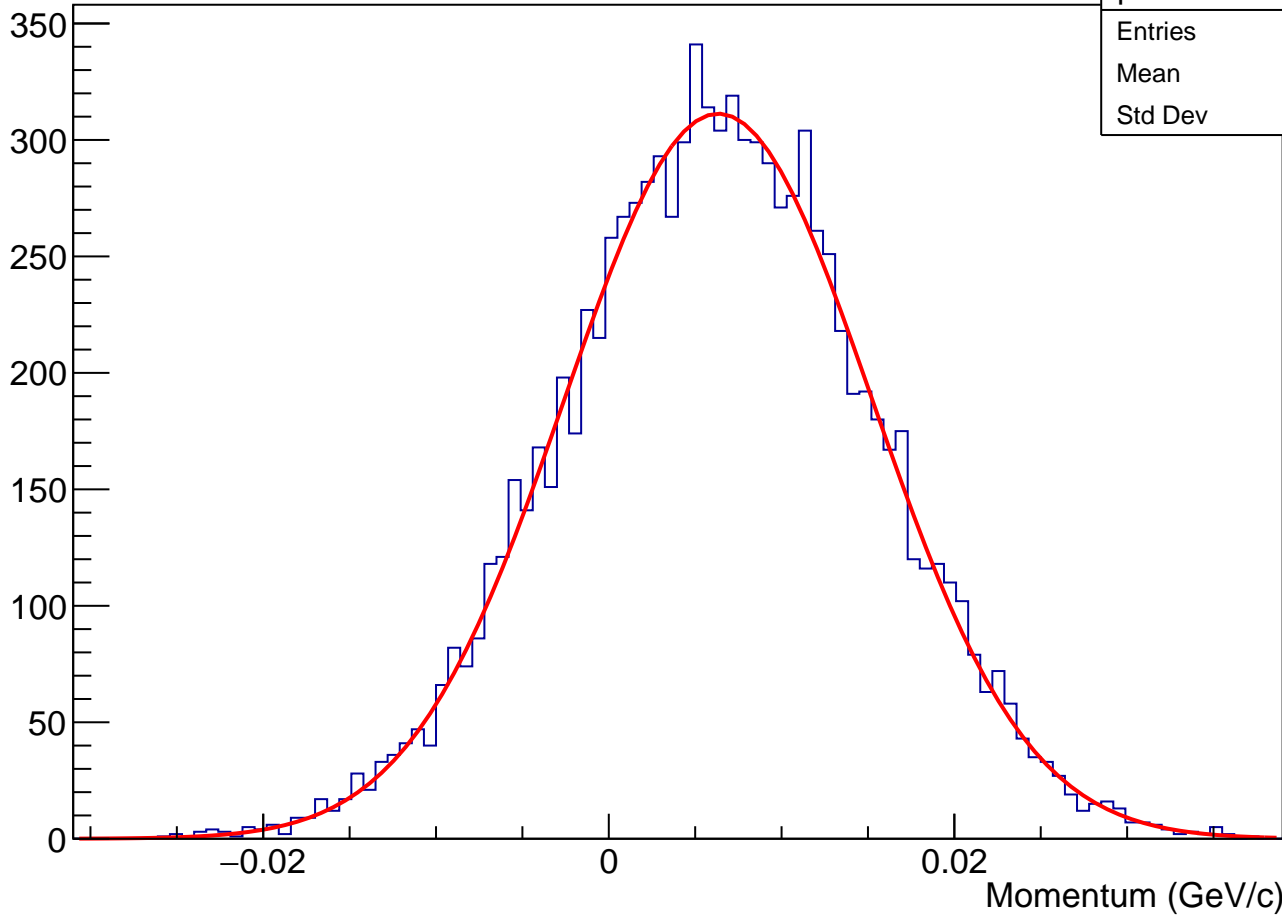
Counts



Momentum (GeV/c)

Momentum Distribution (Resolution = 100 μm)

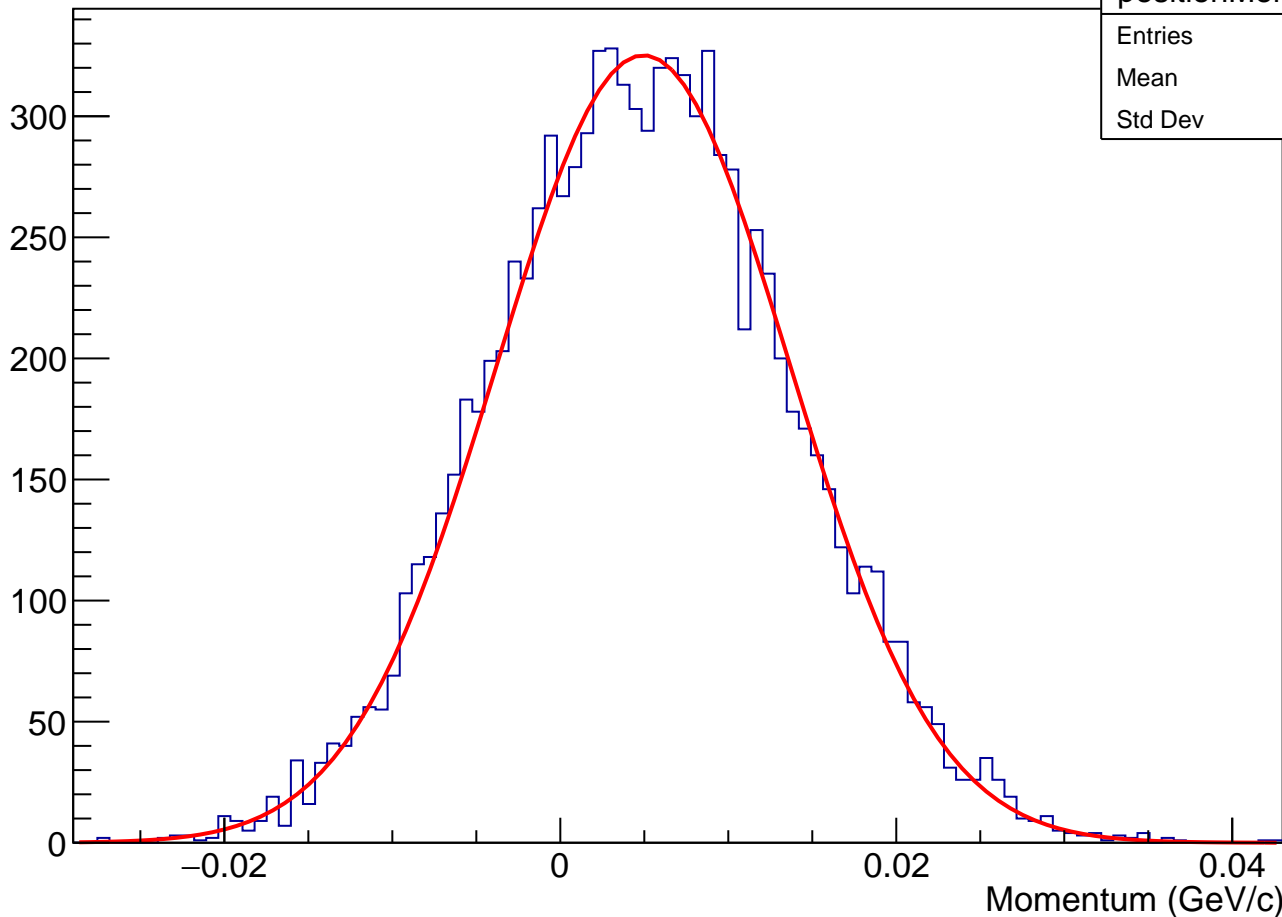
Counts



position	Momentum
Entries	10000
Mean	0.00629
Std Dev	0.008977

Momentum Distribution (Resolution = 100 μm)

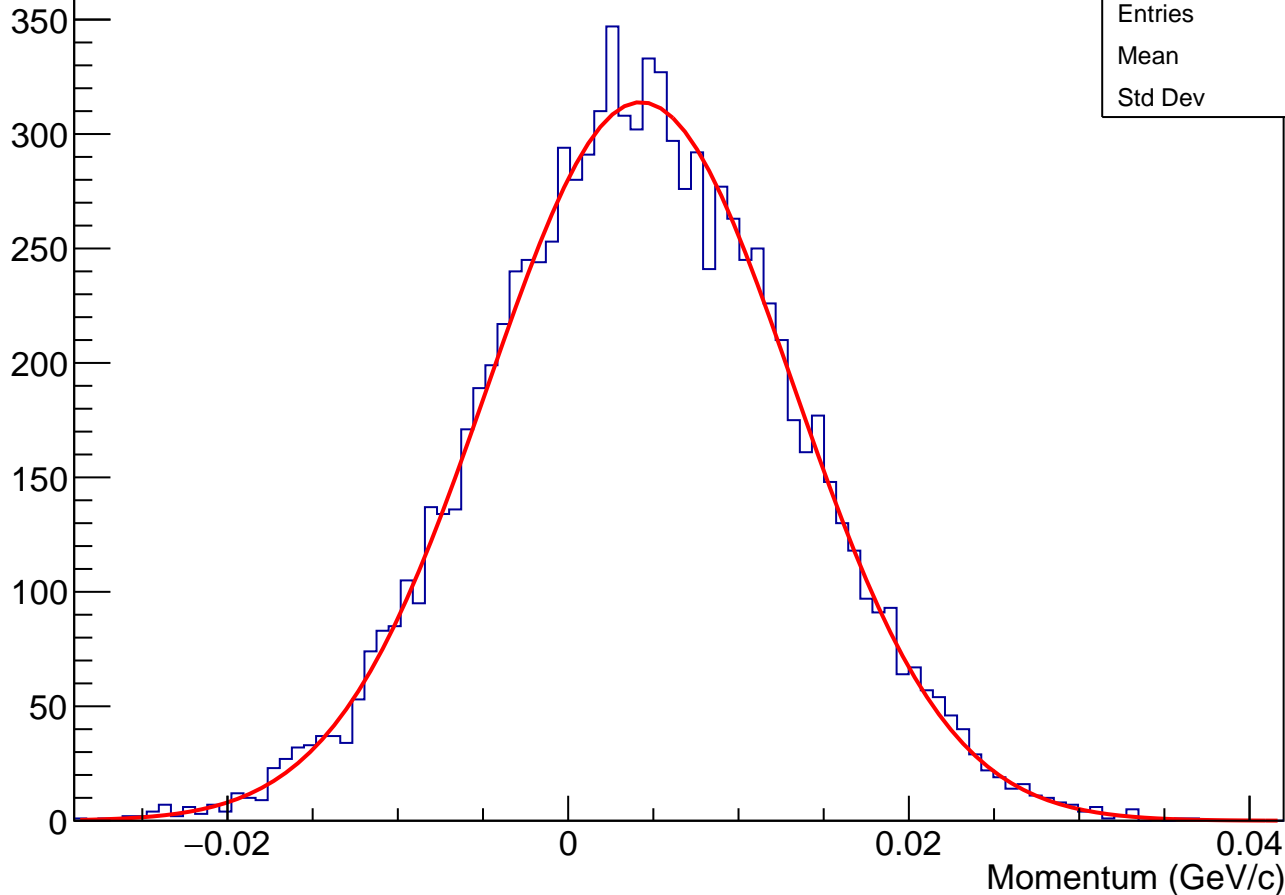
Counts



position	Momentum
Entries	9999
Mean	0.004915
Std Dev	0.008882

Momentum Distribution (Resolution = 100 μm)

Counts



Momentum Distribution (Resolution = 100 μm)

Counts

