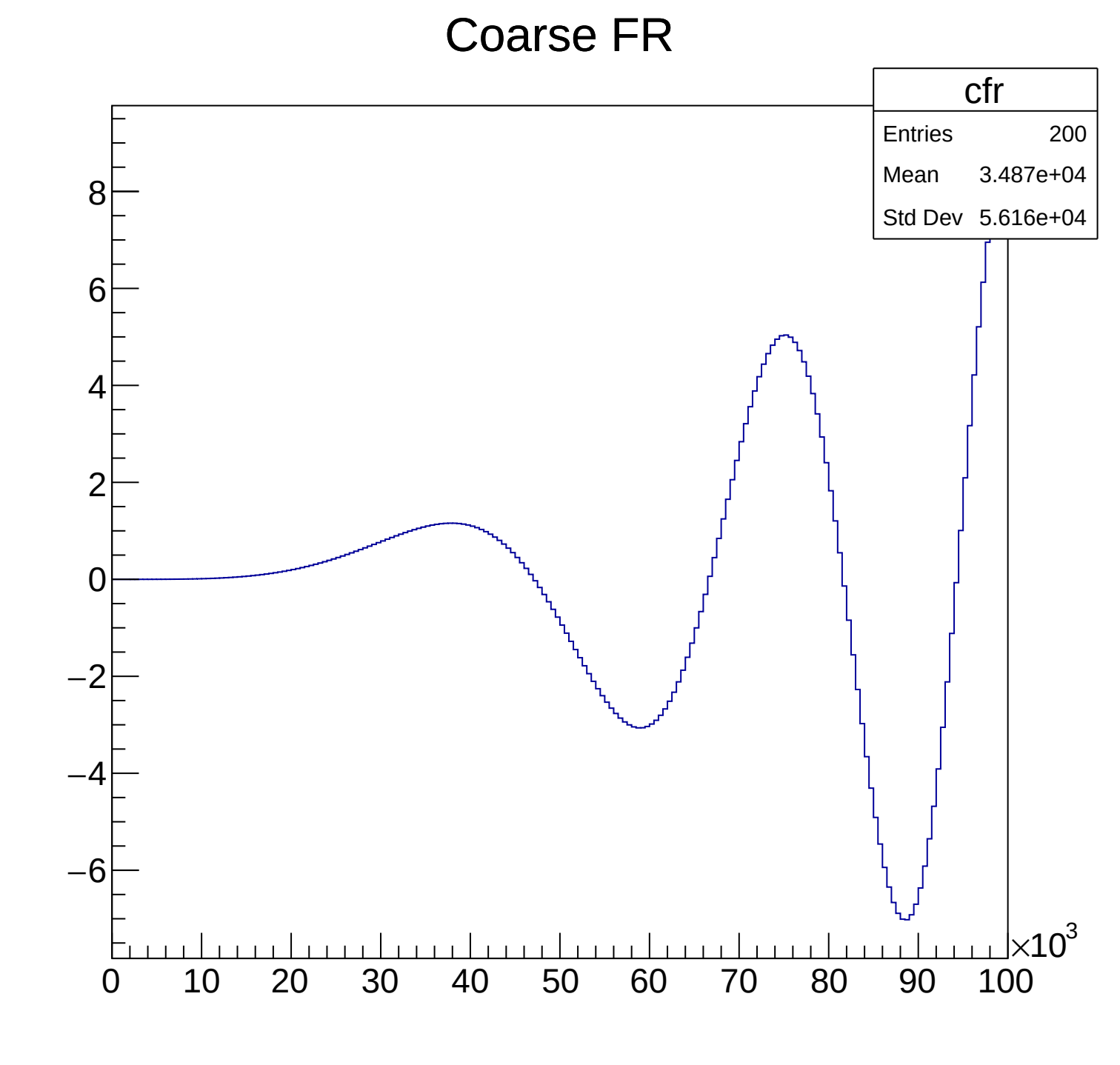
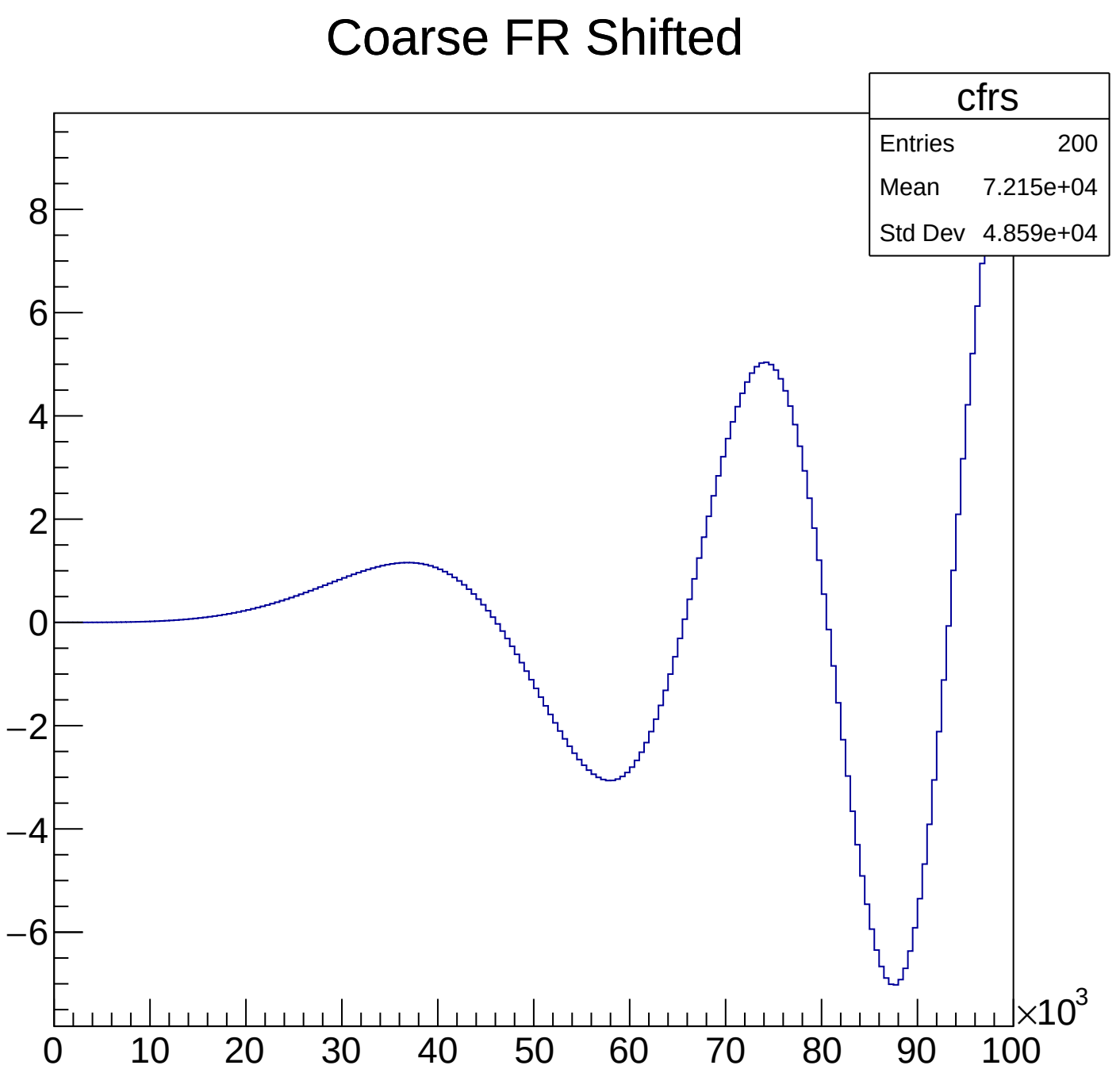
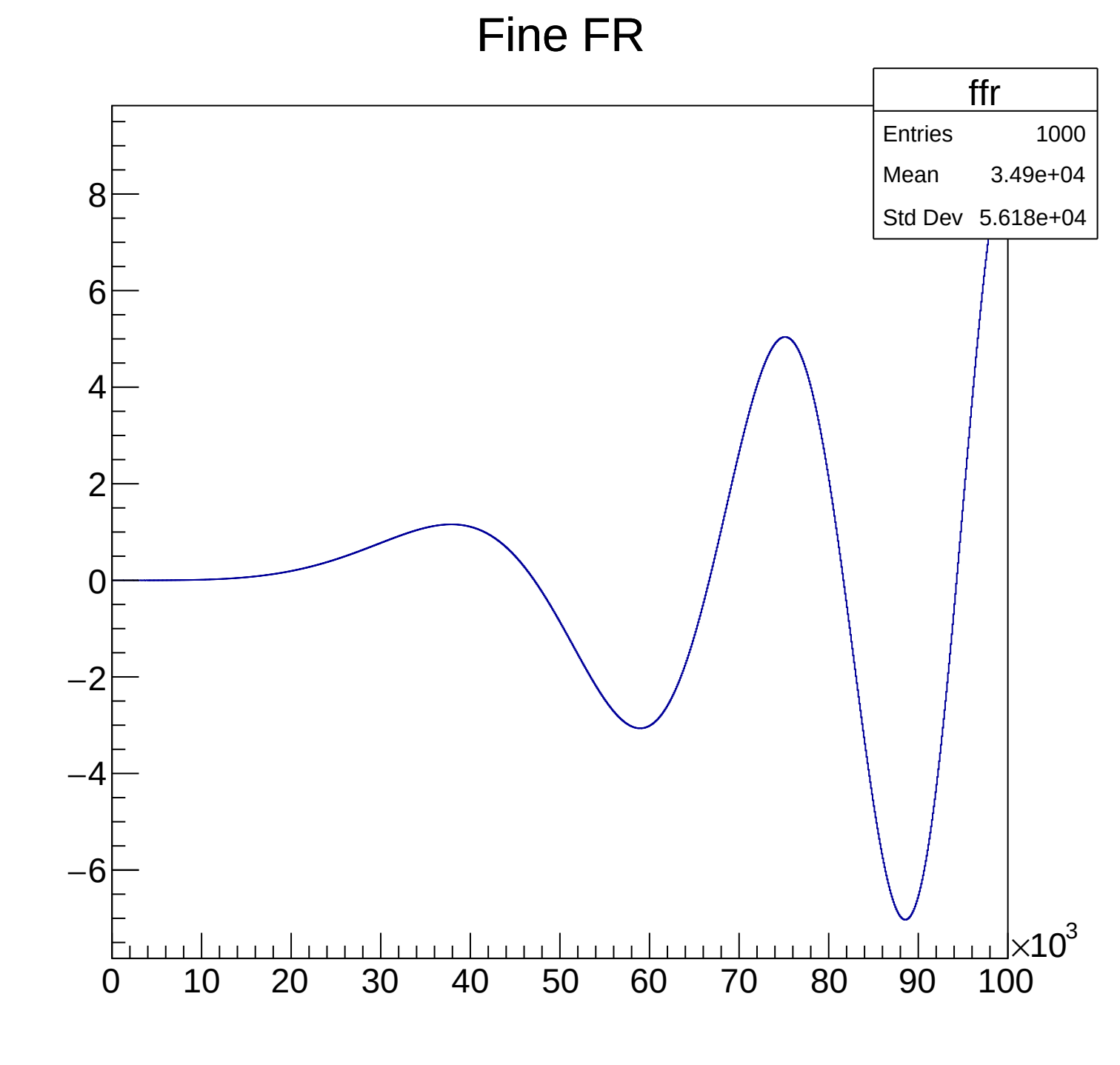
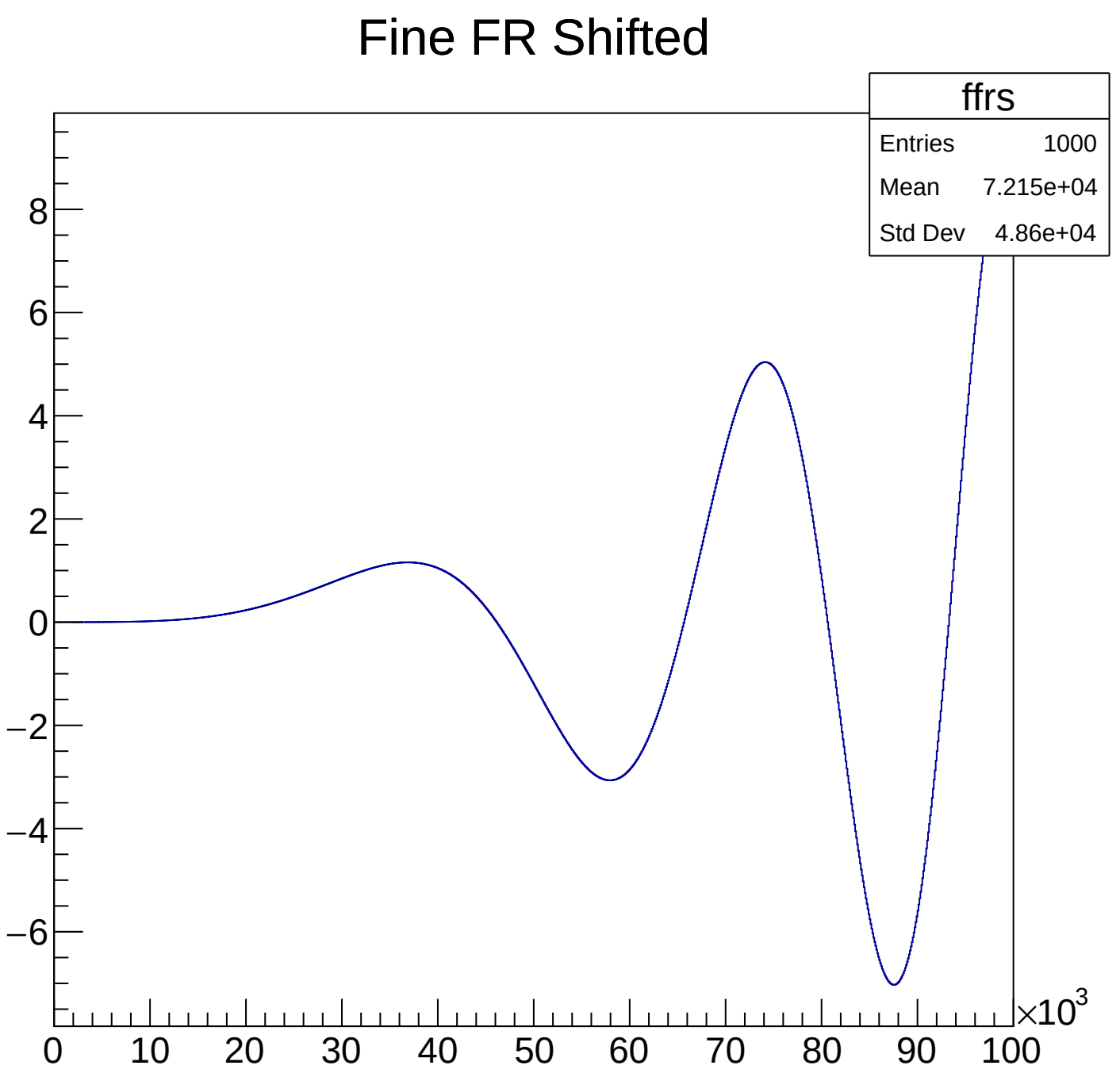
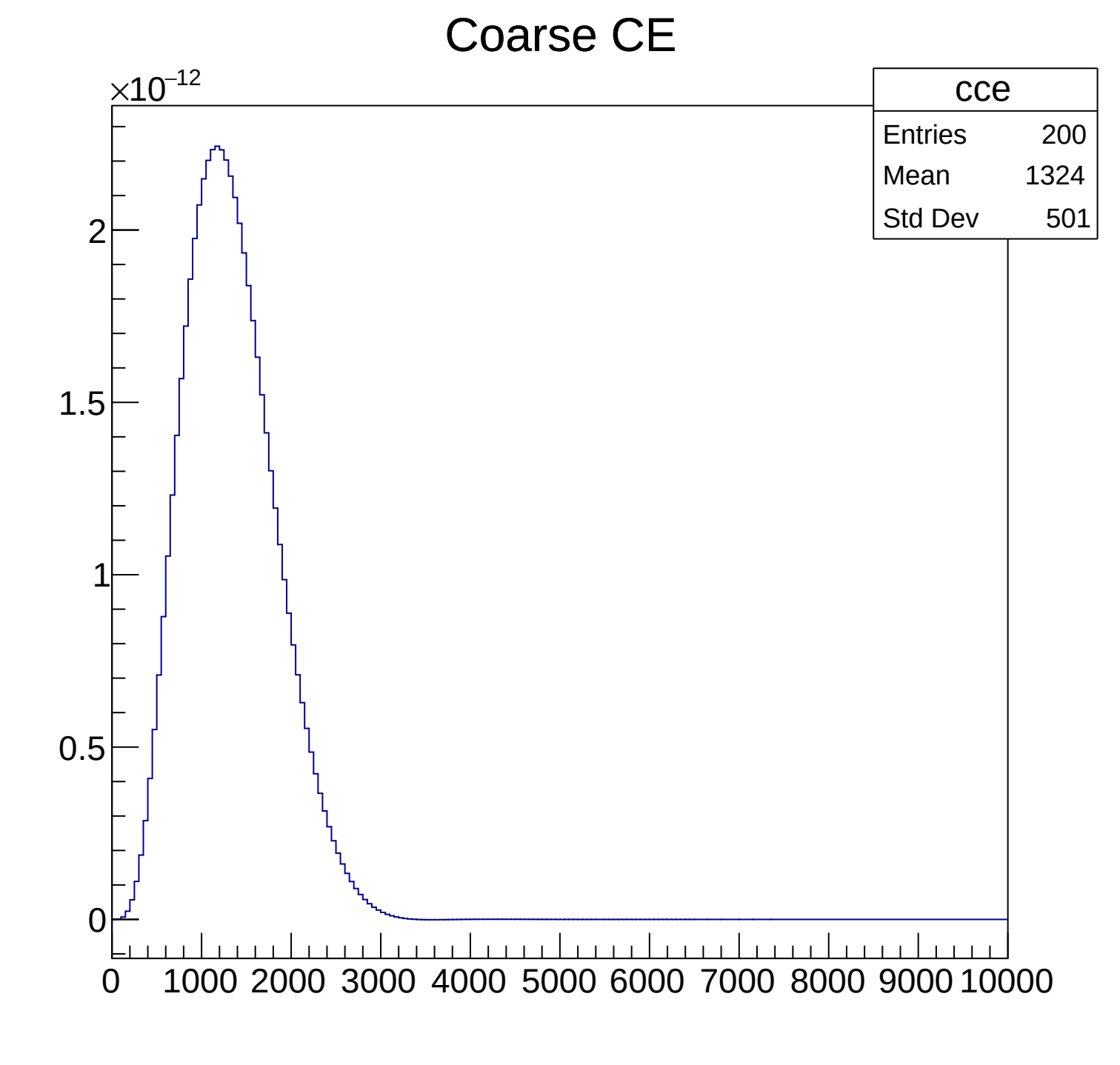
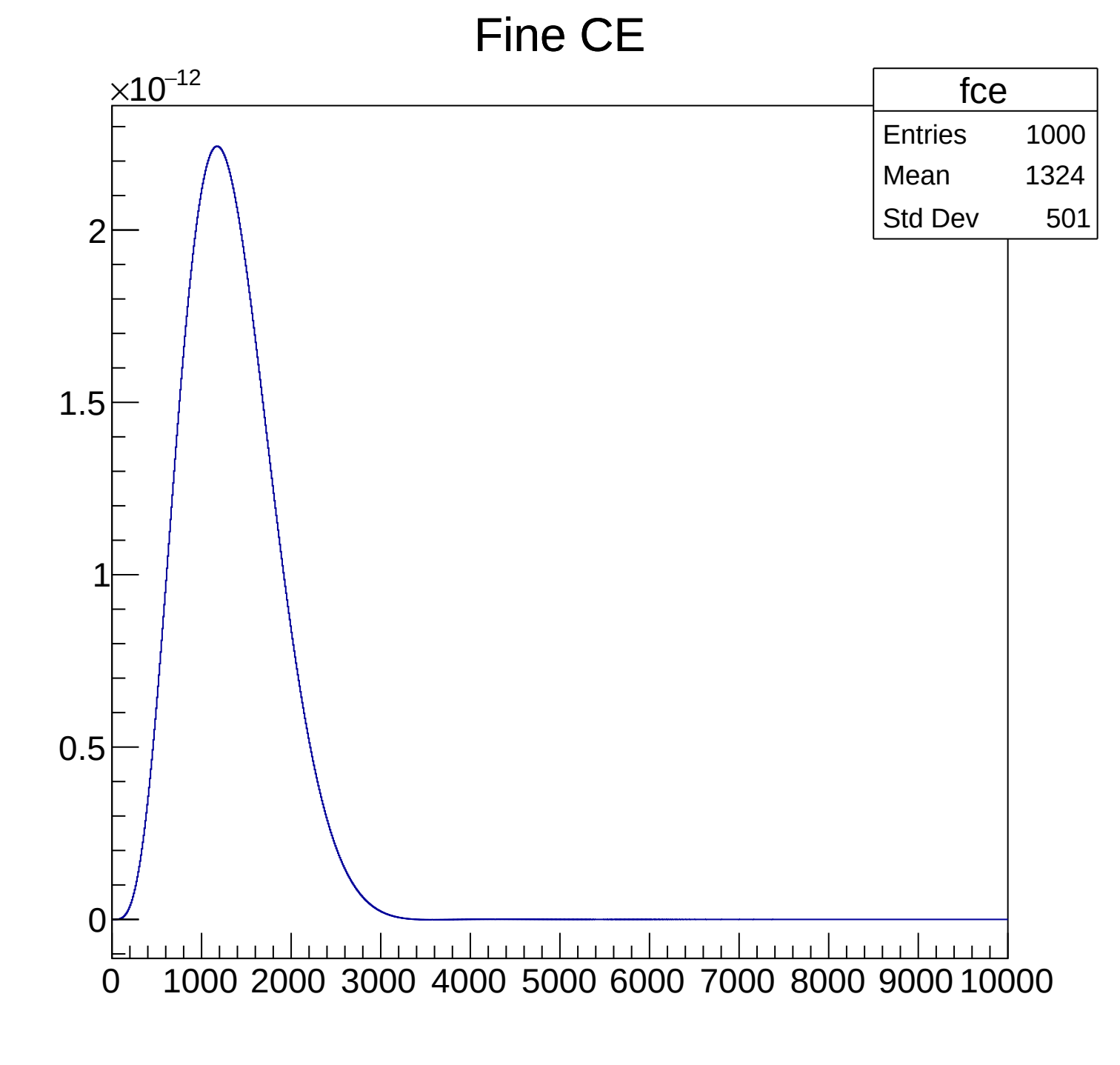

Coarse FR
cfr
Entries 200
Mean 3.487e+04
Std Dev 5.616e+04
8
6
4
2
0
−2
−4
−6
0
10
20
30
40
50
60
70
80
90
100
×10^3

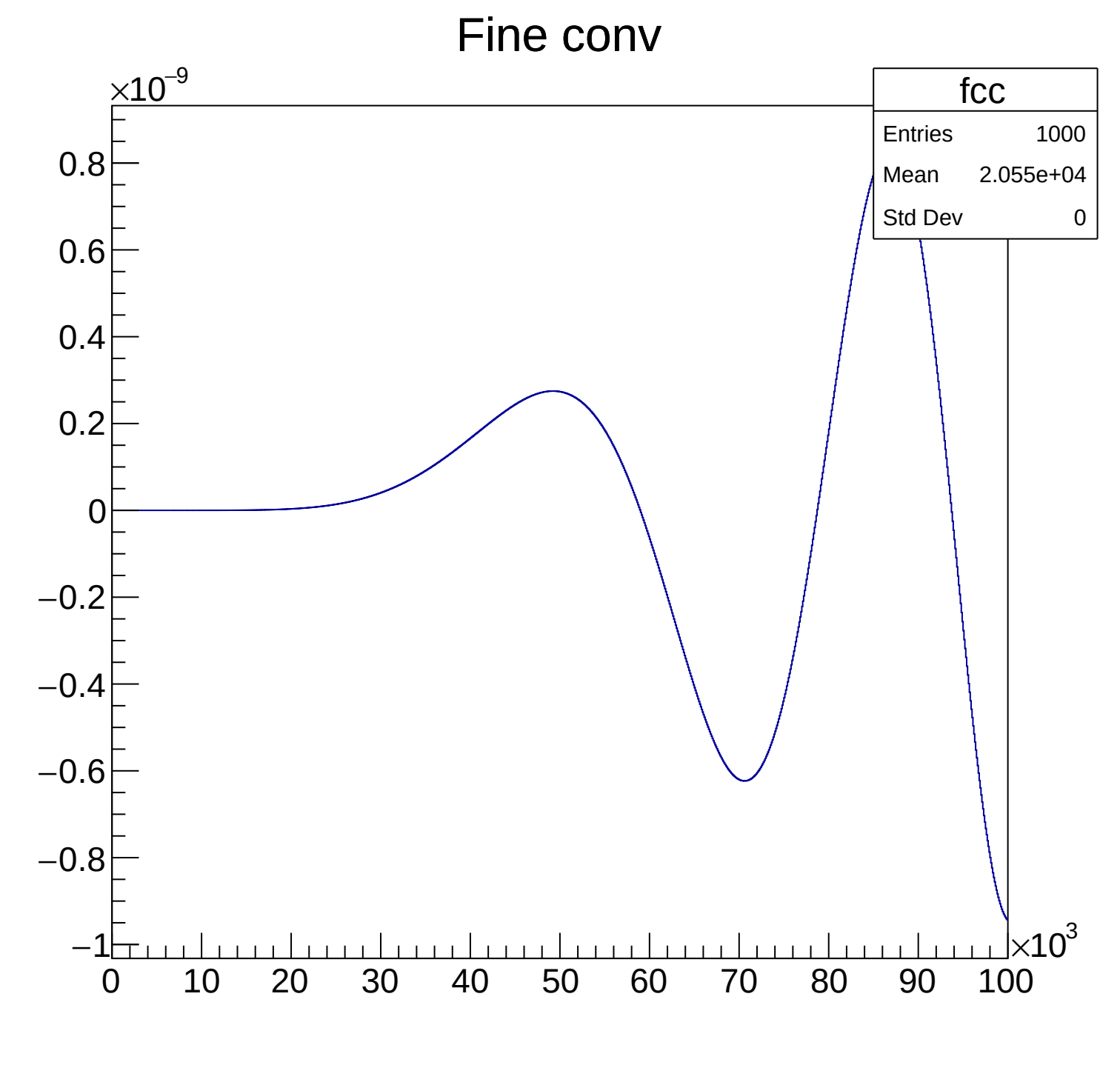

Coarse FR Shifted
cfrs
Entries 200
Mean 7.215e+04
Std Dev 4.859e+04
8
6
4
2
0
−2
−4
−6
0
10
20
30
40
50
60
70
80
90
100
×10^3

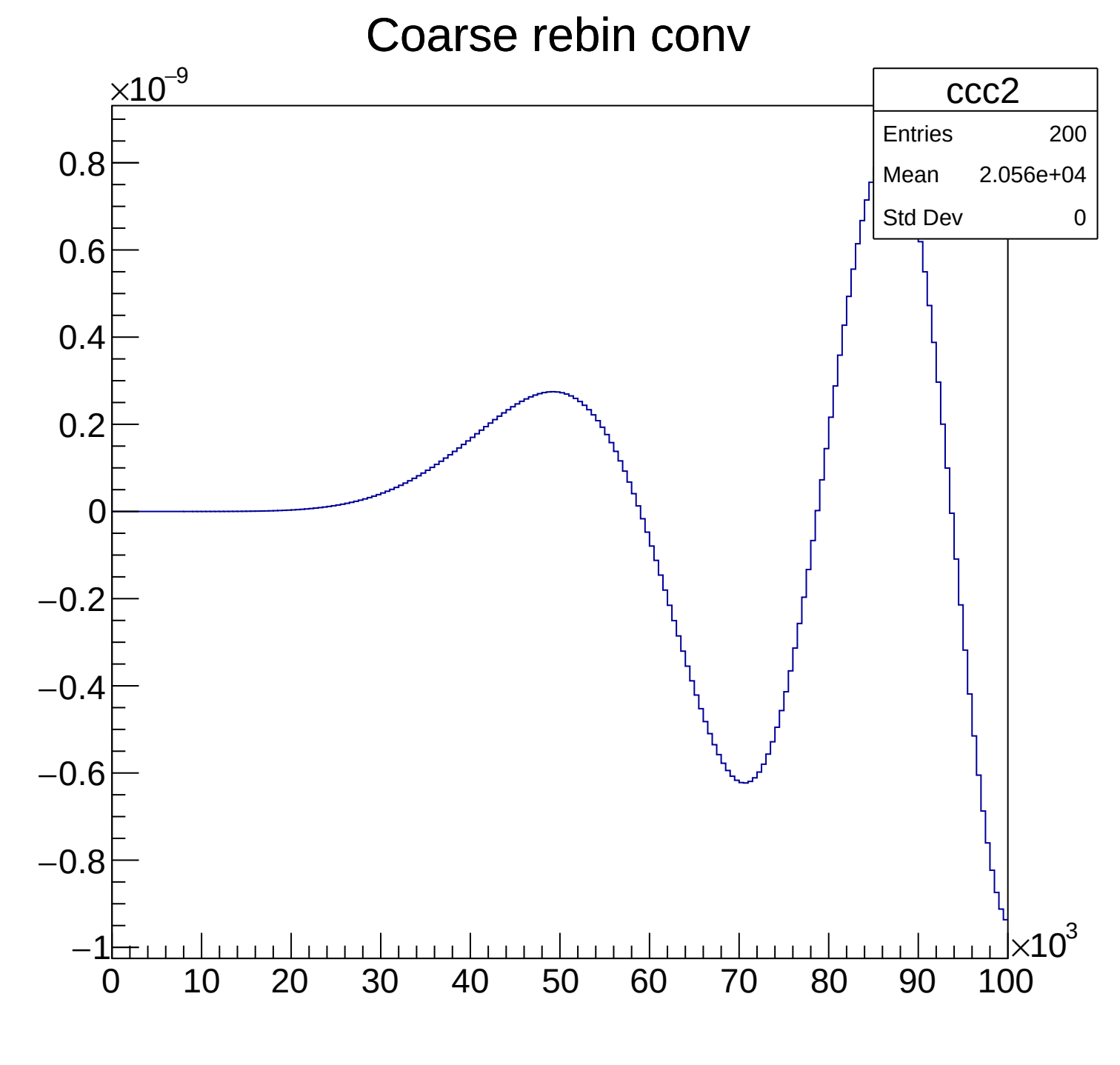

Fine FR
ffr
Entries 1000
Mean 3.49e+04
Std Dev 5.618e+04
8
6
4
2
0
−2
−4
−6
0
10
20
30
40
50
60
70
80
90
100
×10^3

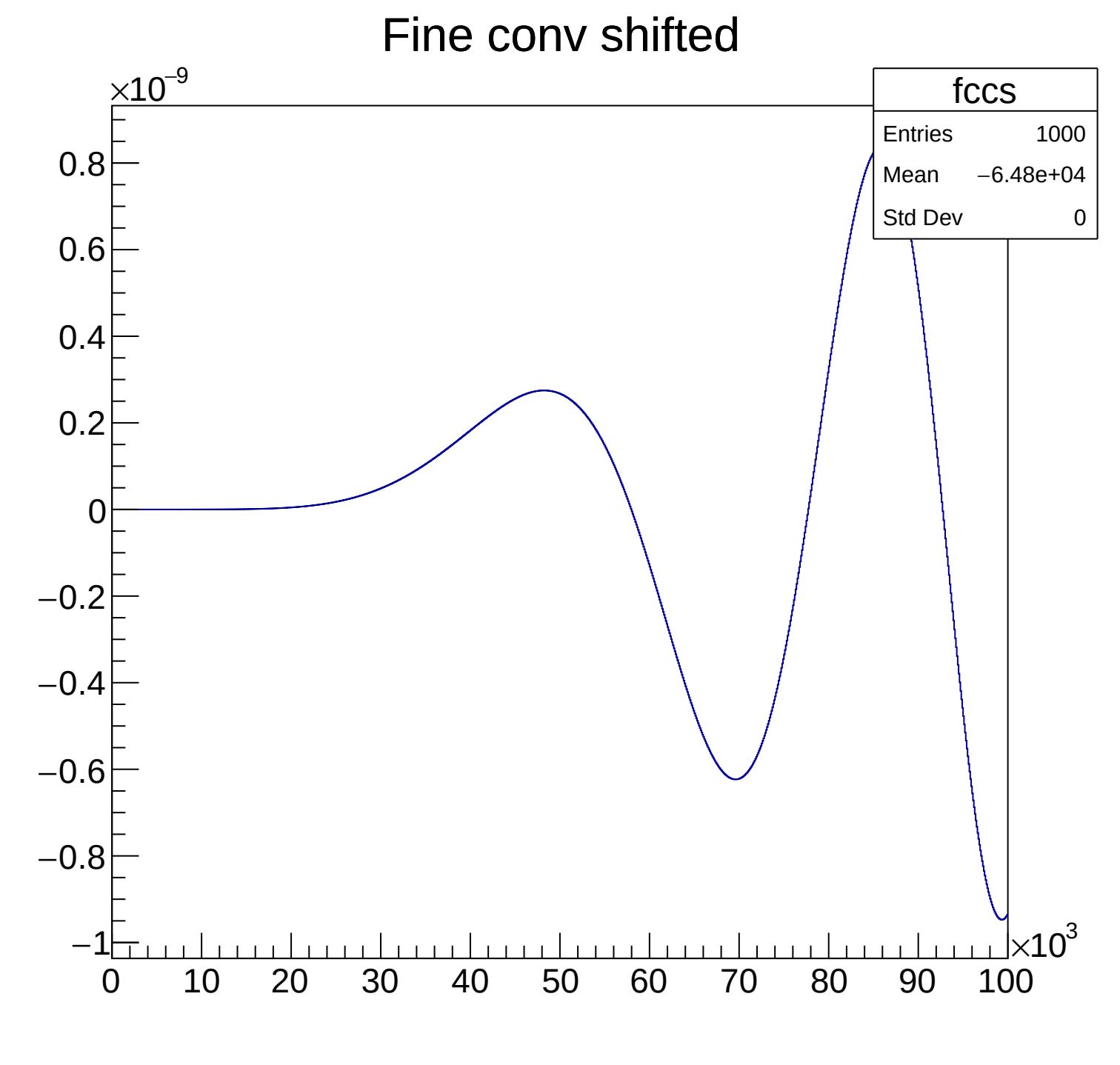

Fine FR Shifted
ffrs
Entries 1000
Mean 7.215e+04
Std Dev 4.86e+04
8
6
4
2
0
−2
−4
−6
0
10
20
30
40
50
60
70
80
90
100
×10^3

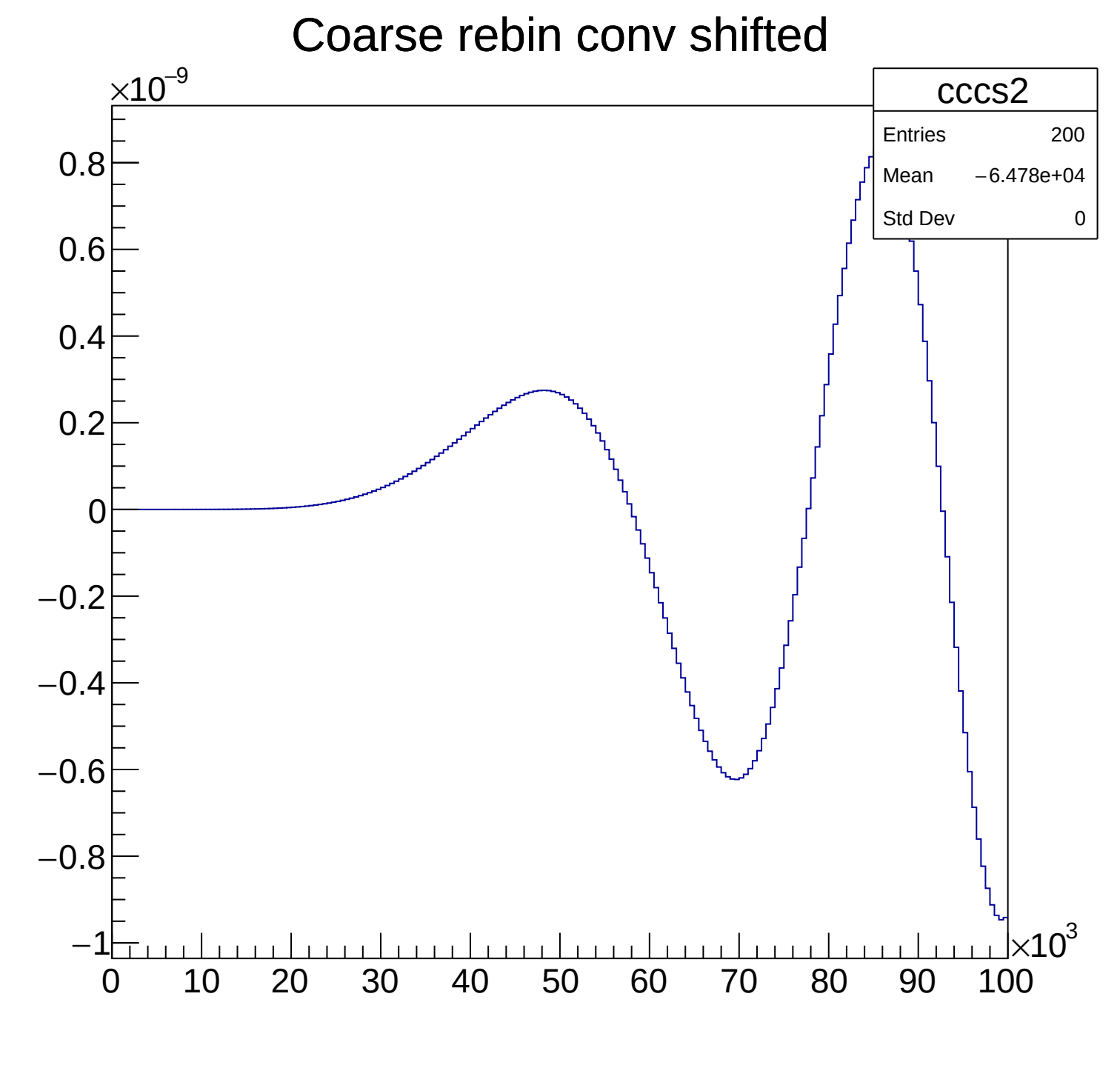

Coarse CE
×10−12
cce
Entries 200
Mean 1324
Std Dev 501
2
1.5
1
0.5
0
0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

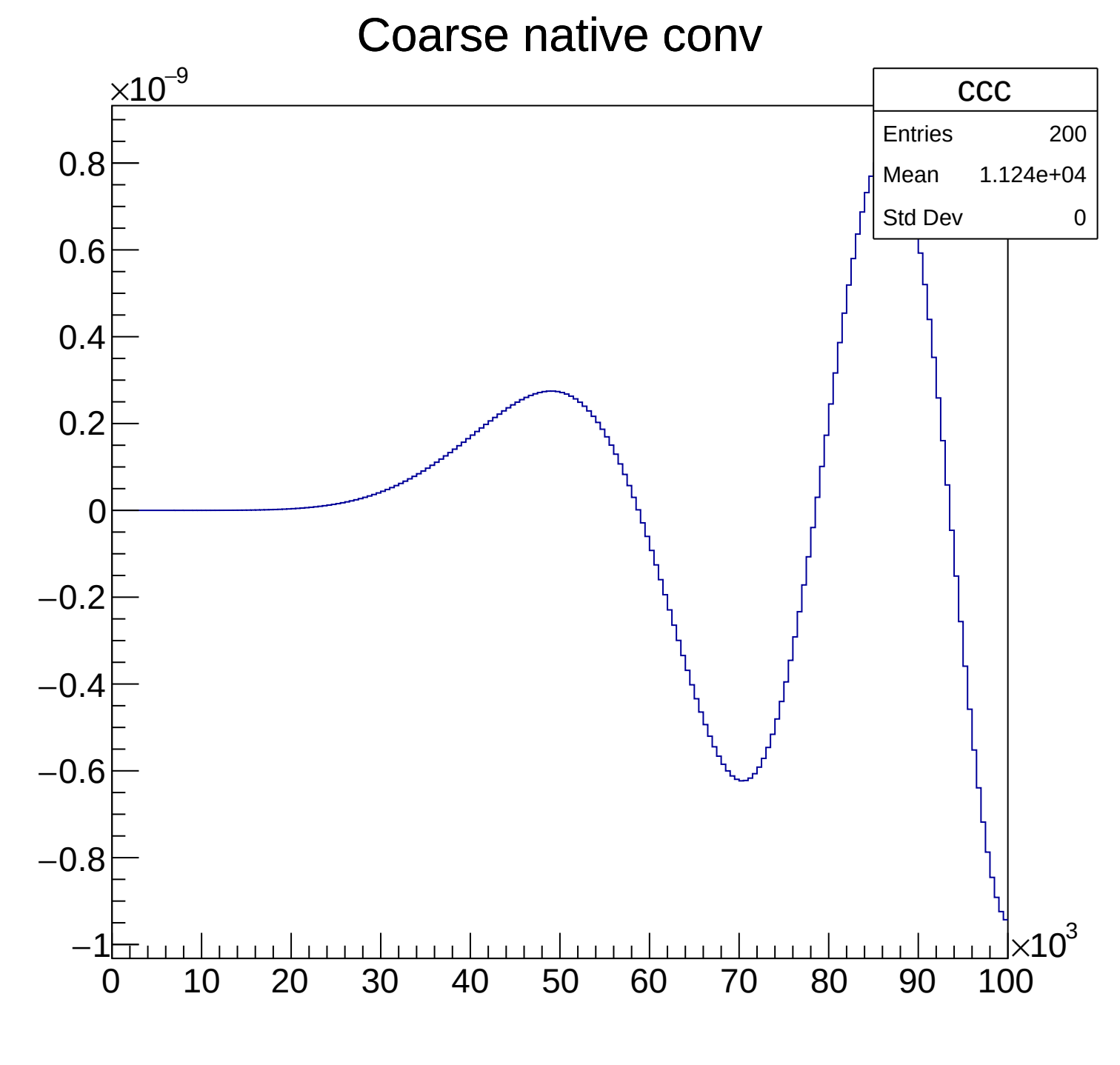

Fine CE
×10−12
fce
Entries 1000
Mean 1324
Std Dev 501
2
1.5
1
0.5
0
0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

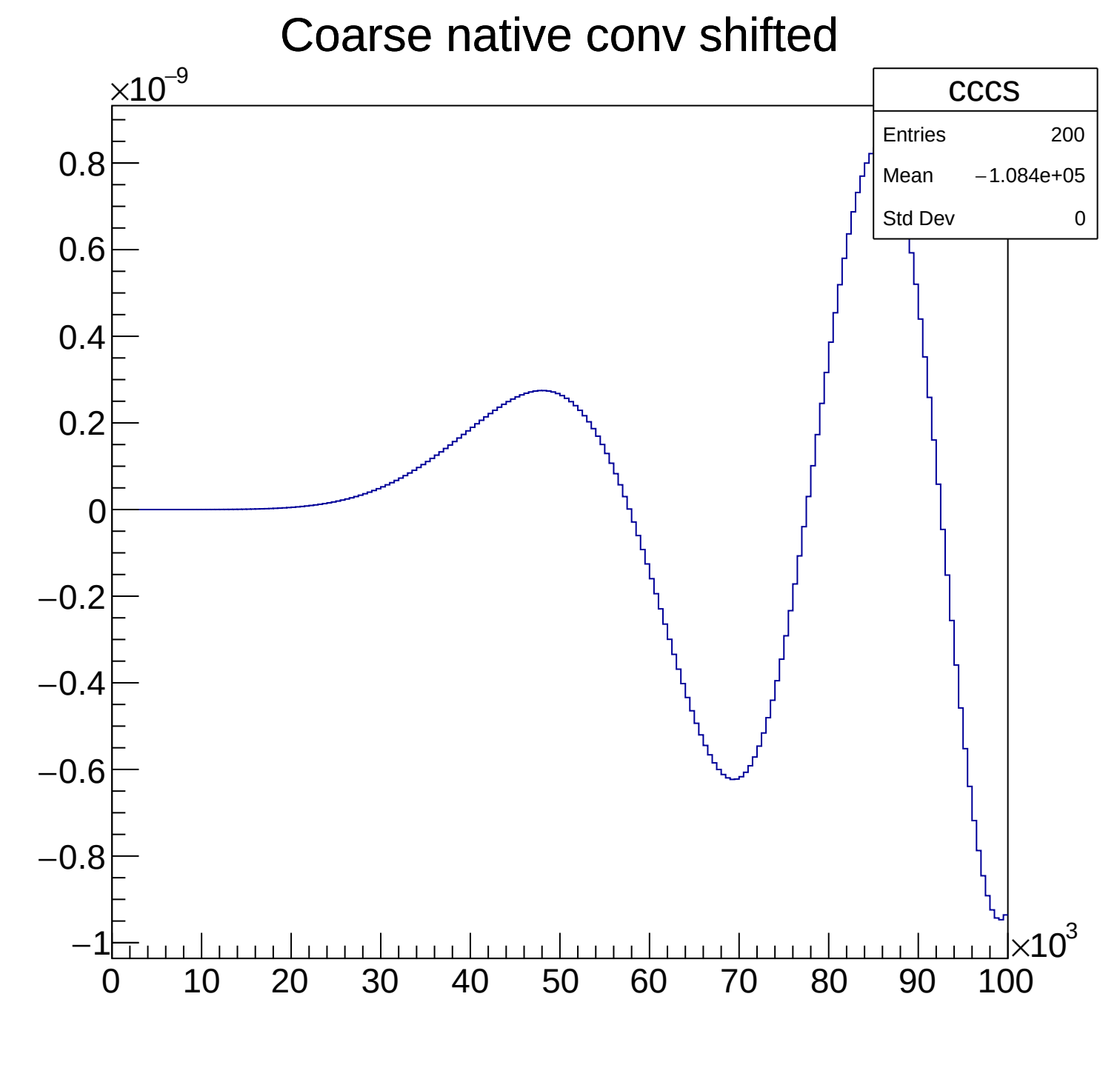

Fine conv
fcc
Entries 1000
Mean 2.055e+04
Std Dev 0
×10−9
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
0
10
20
30
40
50
60
70
80
90
100
×10^3


Coarse rebin conv
ccc2
Entries 200
Mean 2.056e+04
Std Dev 0
×10−9
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
0
10
20
30
40
50
60
70
80
90
100
×10^3

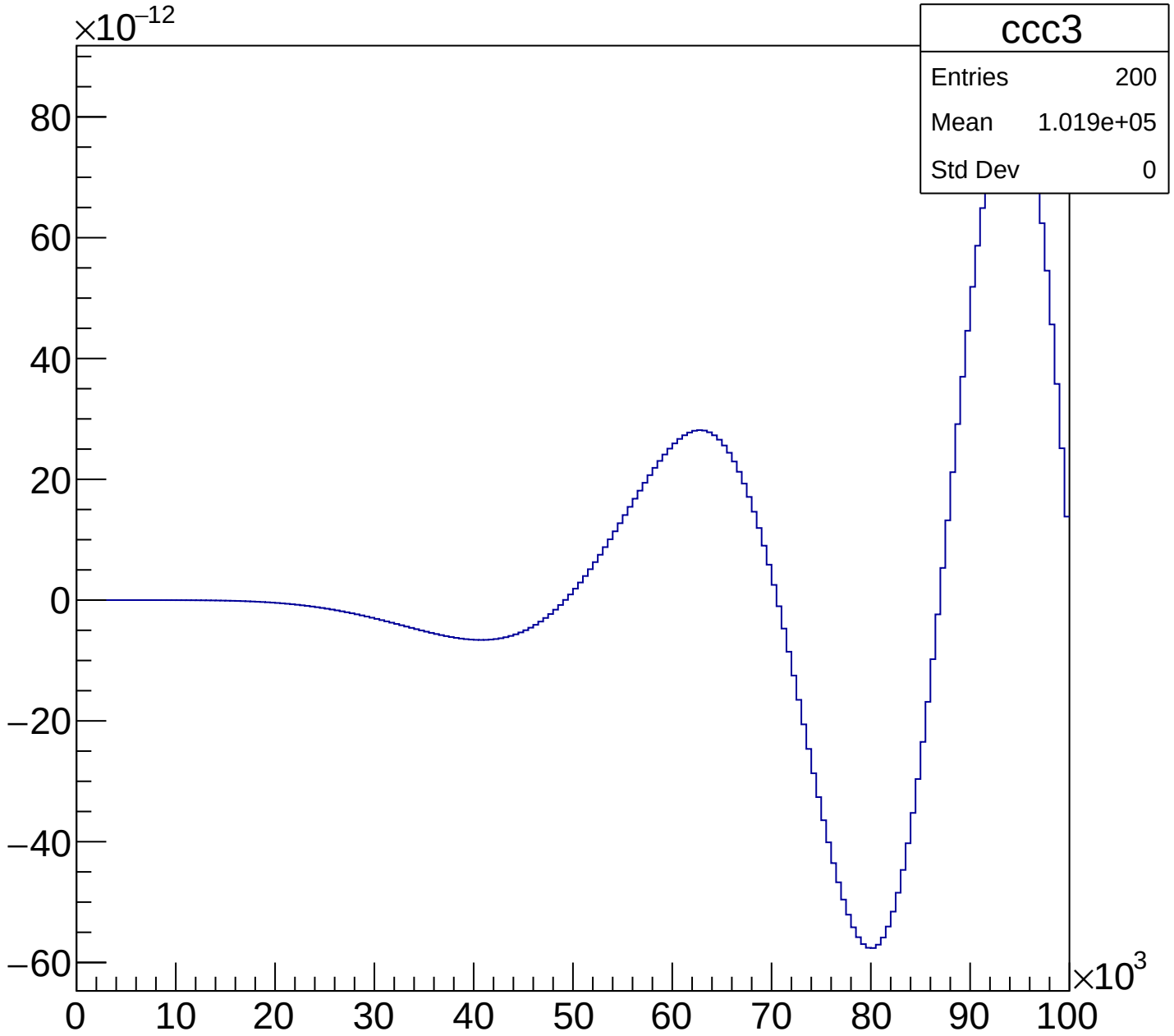

Fine conv shifted
fccs
Entries 1000
Mean −6.48e+04
Std Dev 0
×10−9
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
0
10
20
30
40
50
60
70
80
90
100
×10^3

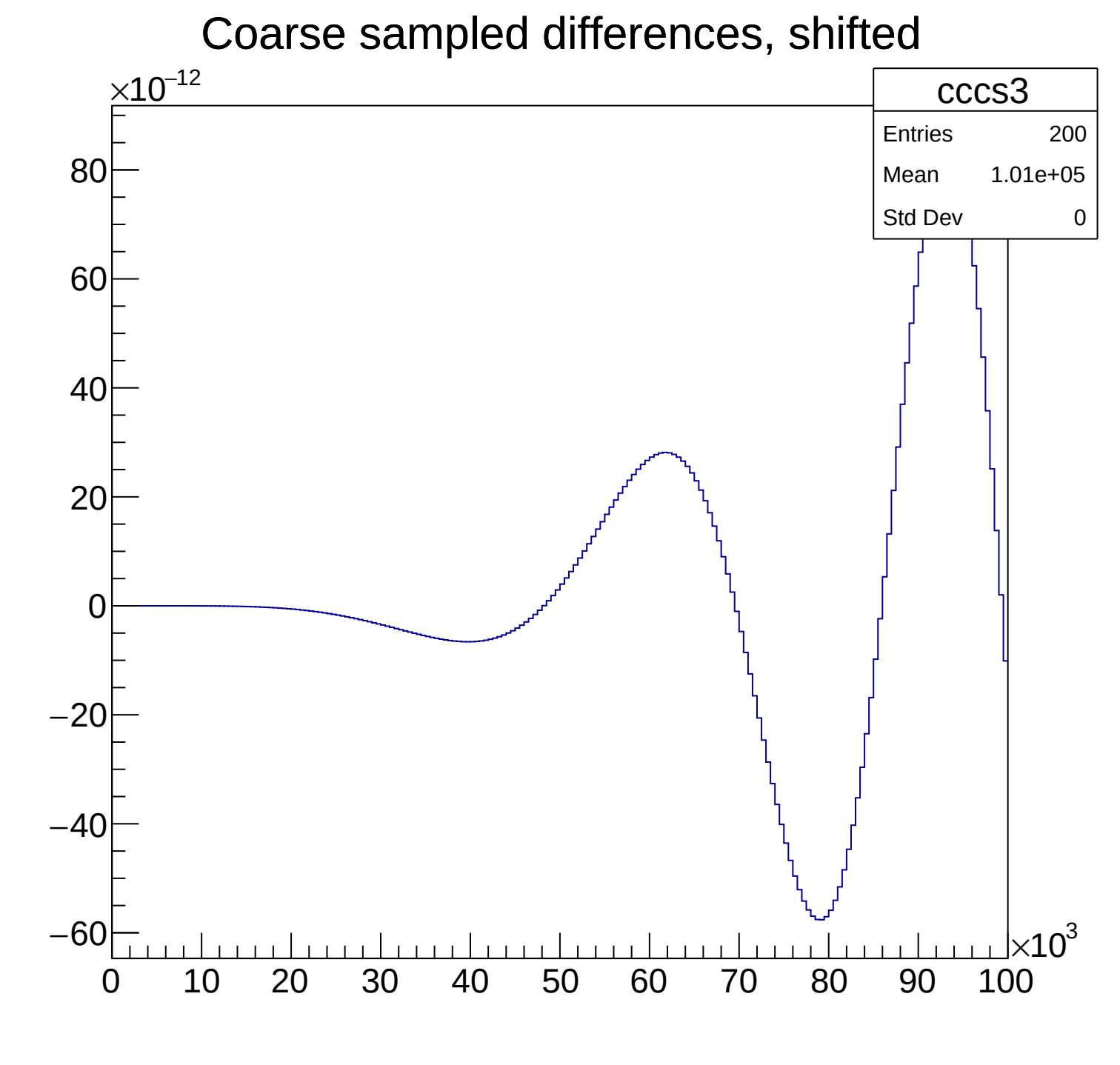

Coarse rebin conv shifted
cccs2
Entries 200
Mean −6.478e+04
Std Dev 0
×10−9
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
0
10
20
30
40
50
60
70
80
90
100
×10^3

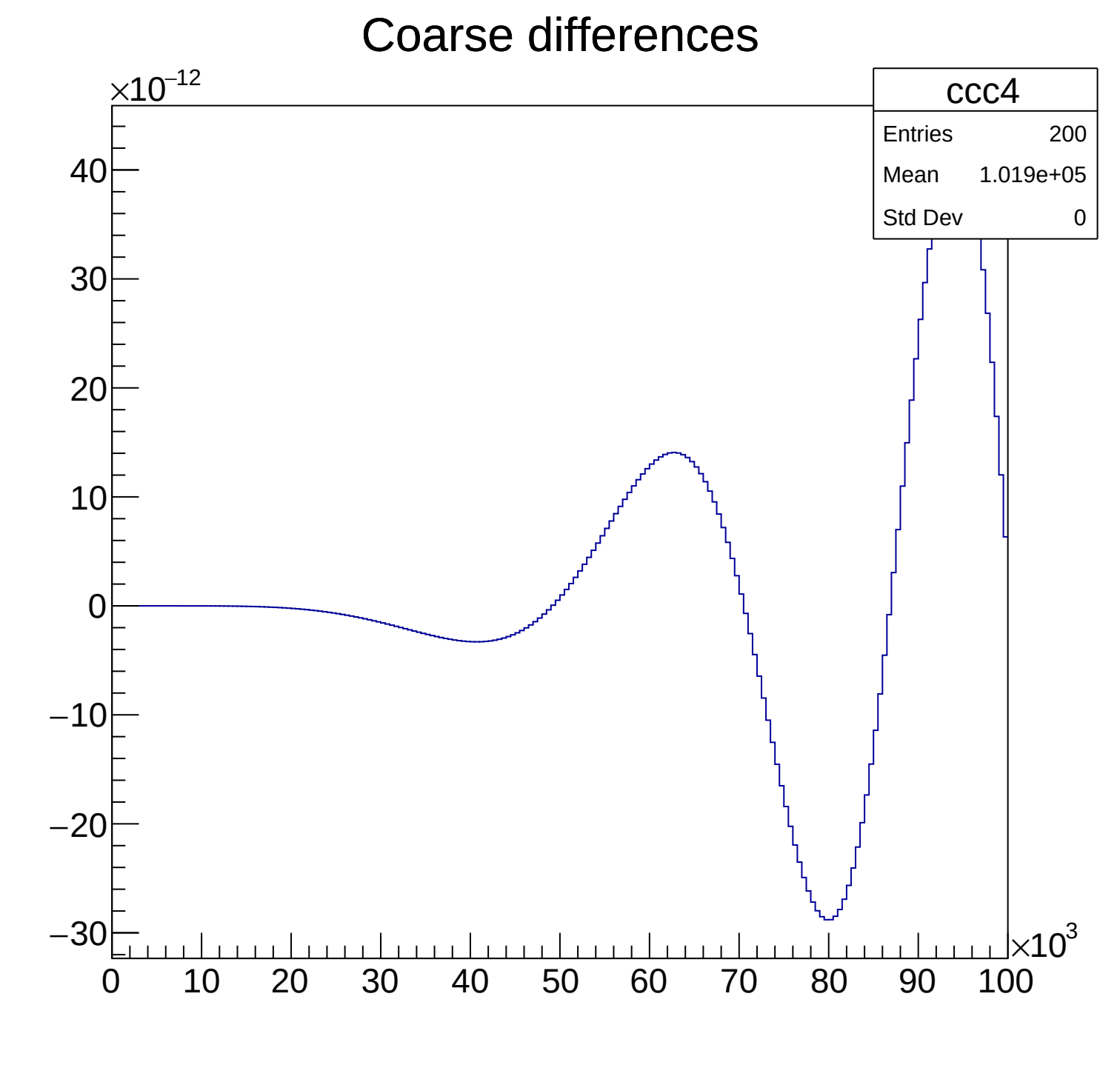

Coarse native conv
ccc
Entries 200
Mean 1.124e+04
Std Dev 0
×10−9
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
0
10
20
30
40
50
60
70
80
90
100
×10^3

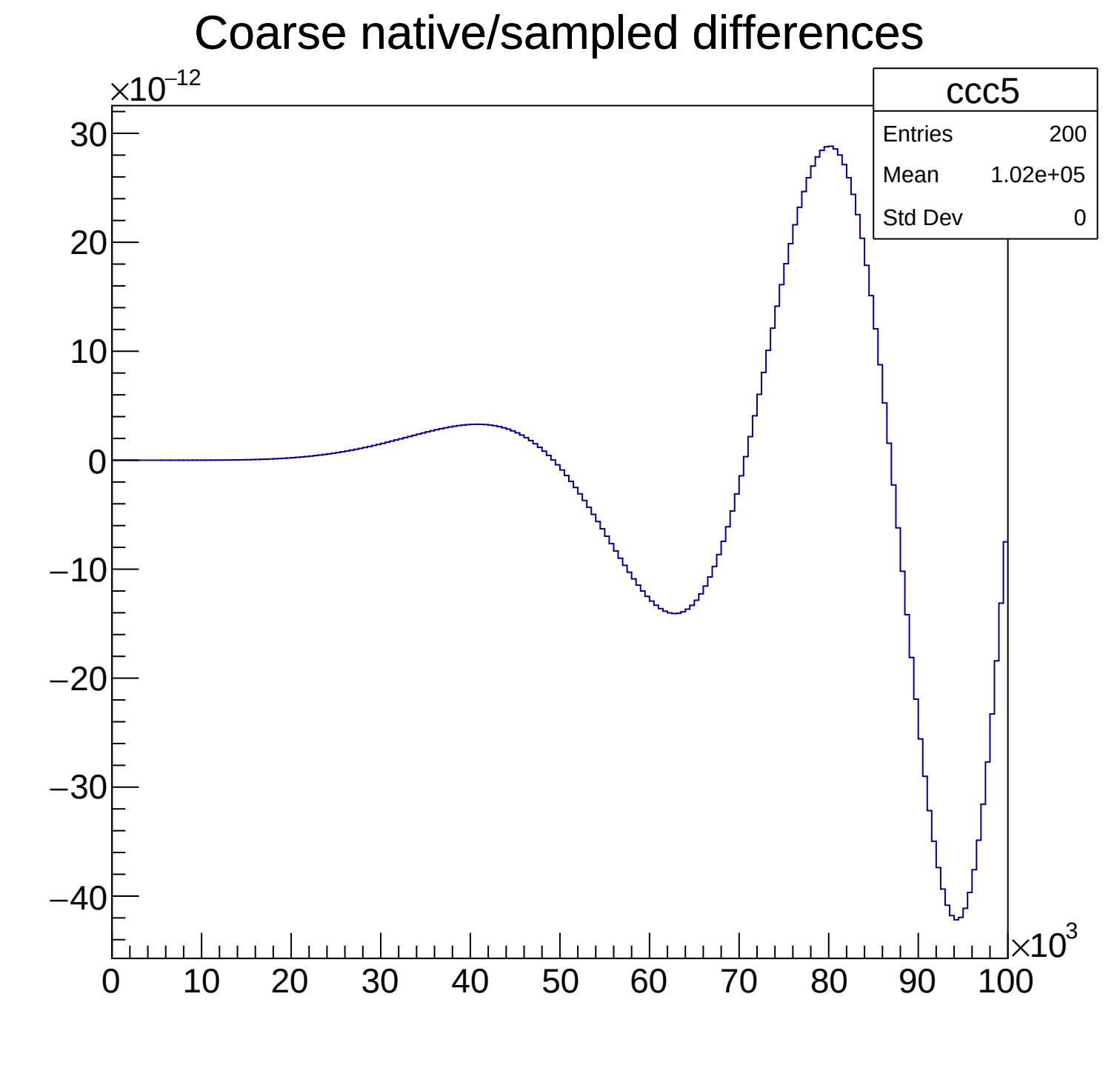

Coarse native conv shifted
cccs
Entries 200
Mean −1.084e+05
Std Dev 0
×10−9
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
0
10
20
30
40
50
60
70
80
90
100
×10^3

Coarse sampled differences




Coarse sampled differences, shifted
cccs3
Entries 200
Mean 1.01e+05
Std Dev 0
×10−12
80
60
40
20
0
−20
−40
−60
0
10
20
30
40
50
60
70
80
90
100
×10^3


Coarse differences
×10−12
40
30
20
10
0
−10
−20
−30
ccc4
Entries 200
Mean 1.019e+05
Std Dev 0
0
10
20
30
40
50
60
70
80
90
100
×10^3


Coarse native/sampled differences
ccc5
Entries 200
Mean 1.02e+05
Std Dev 0
×10−12
30
20
10
0
−10
−20
−30
−40
×10^3
0
10
20
30
40
50
60
70
80
90
100