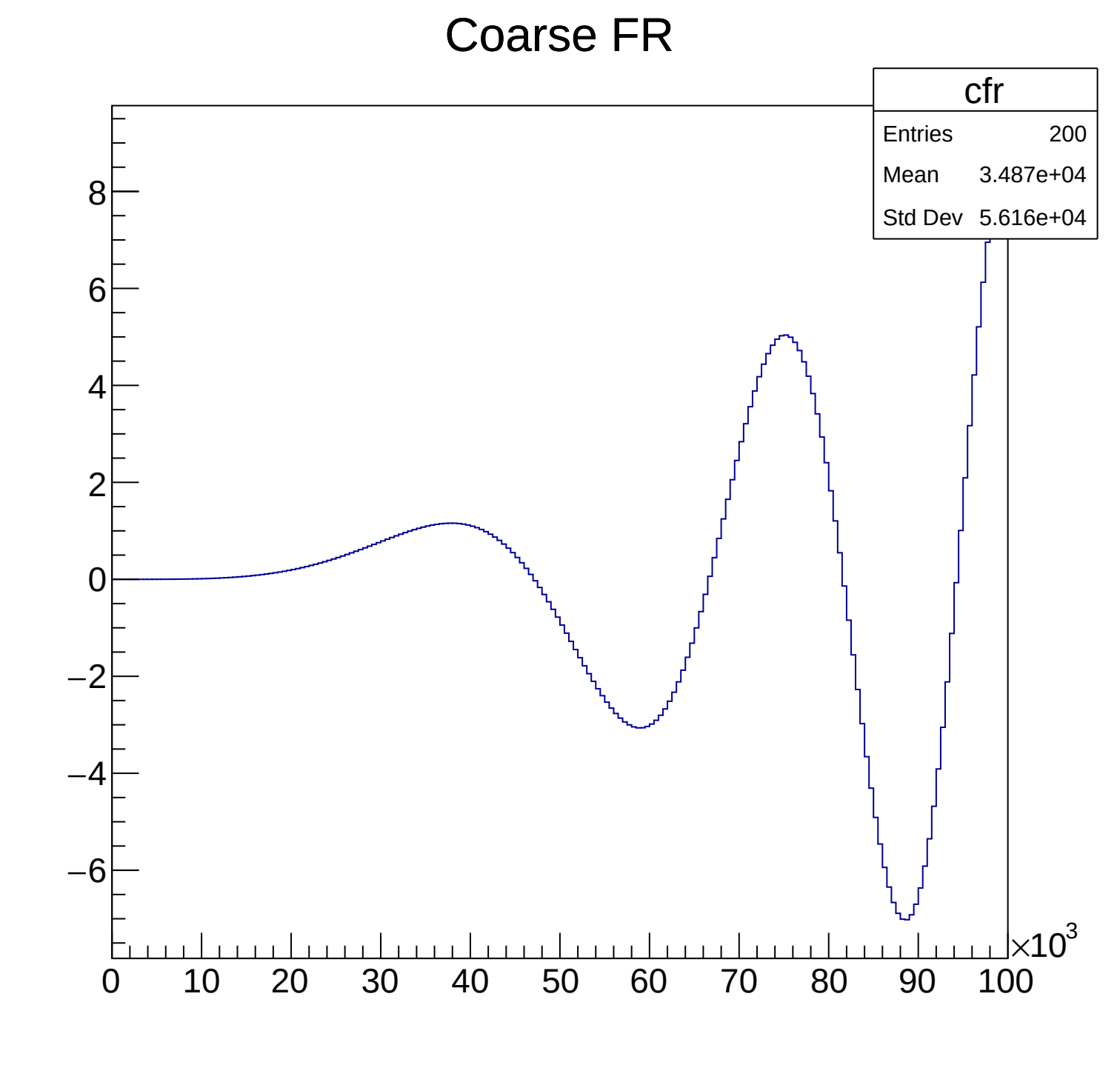
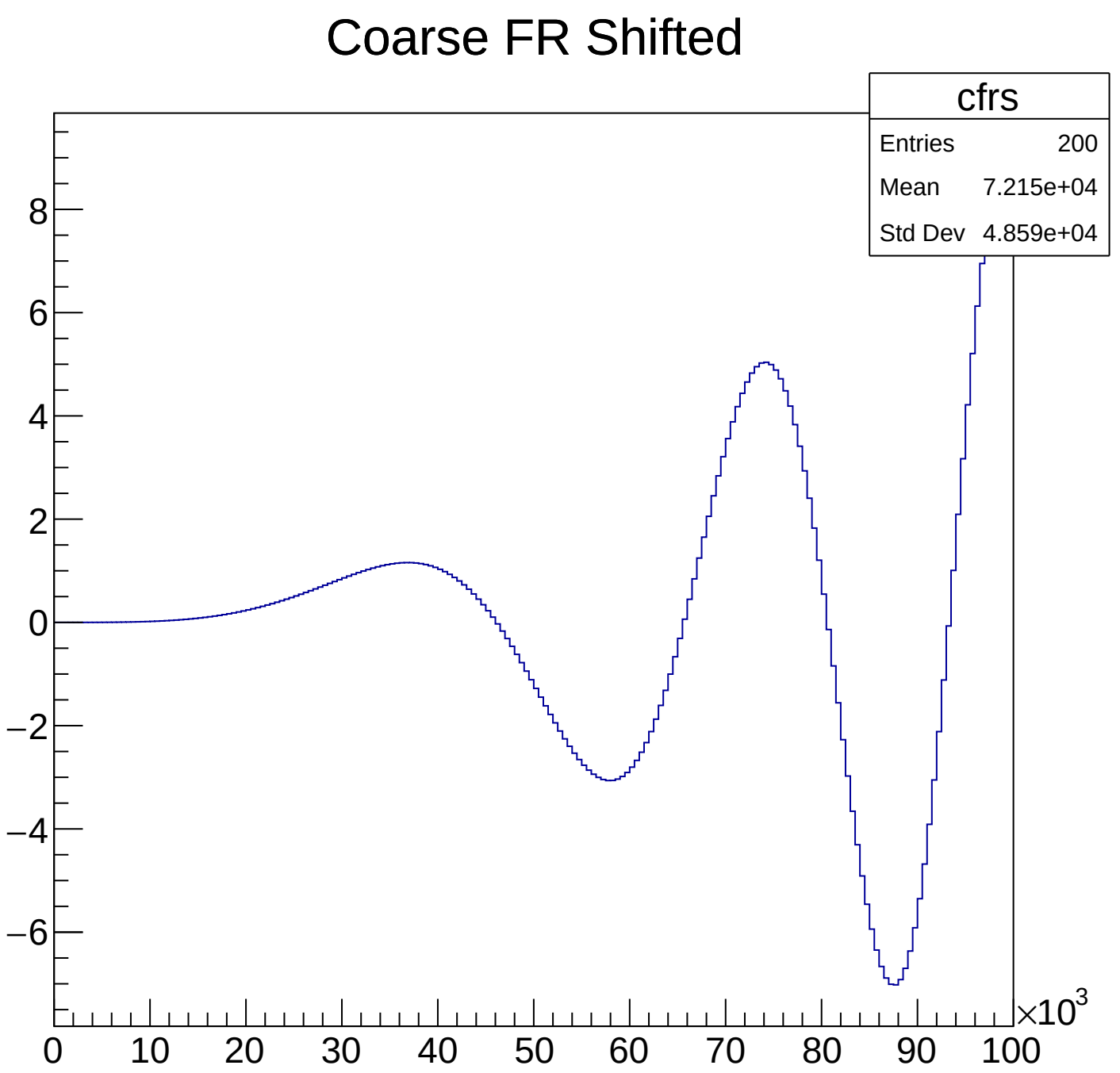
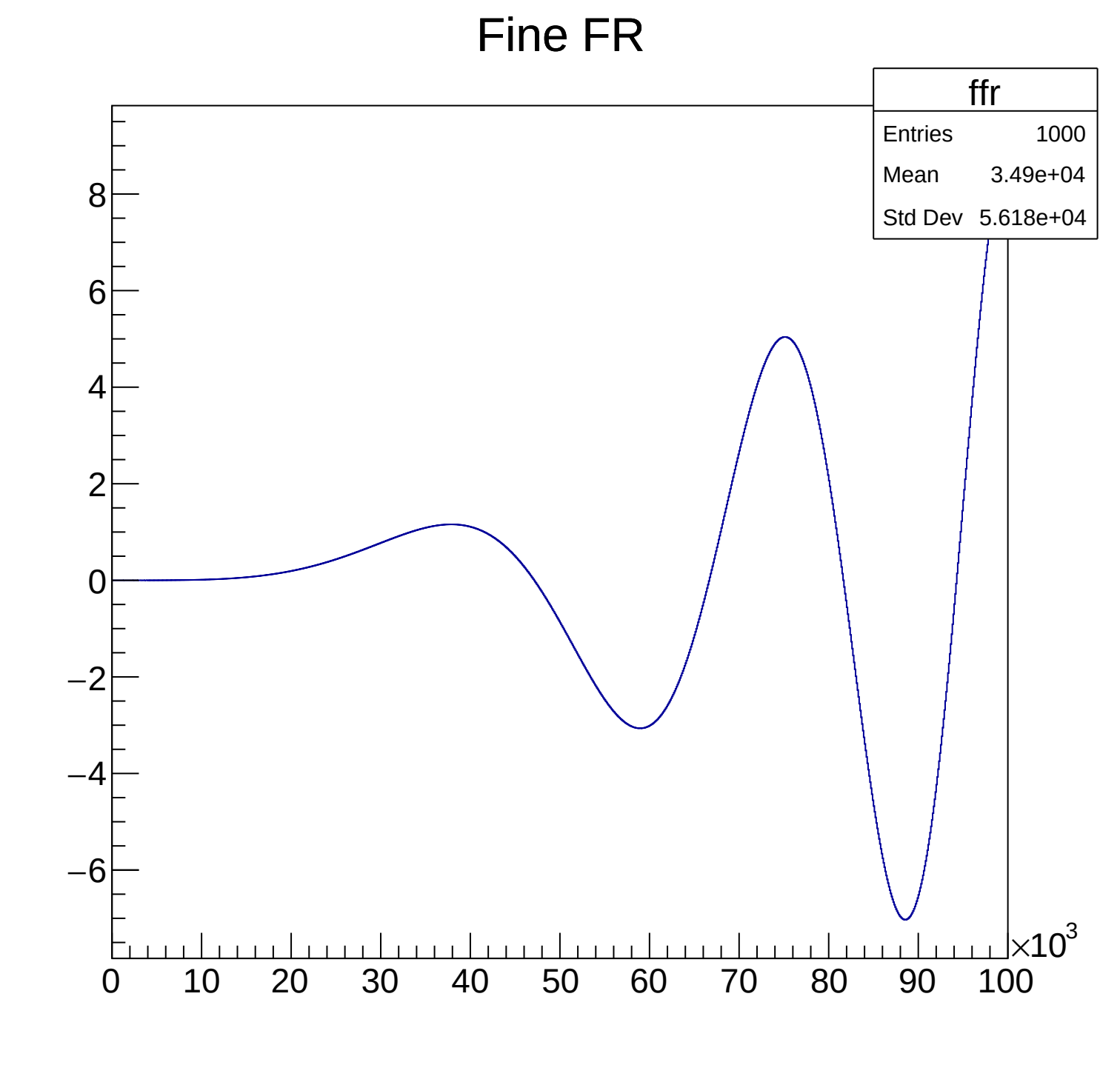
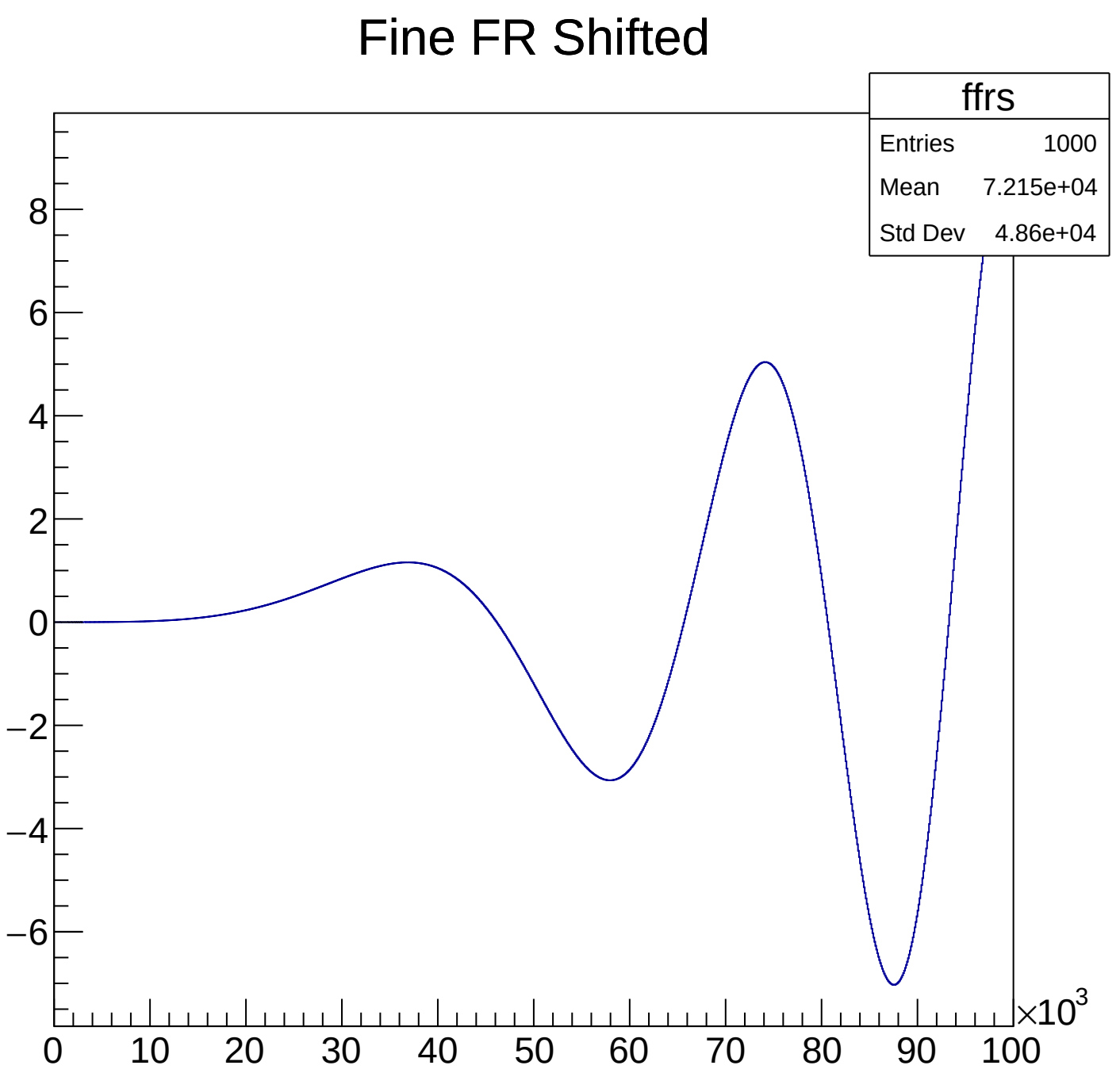
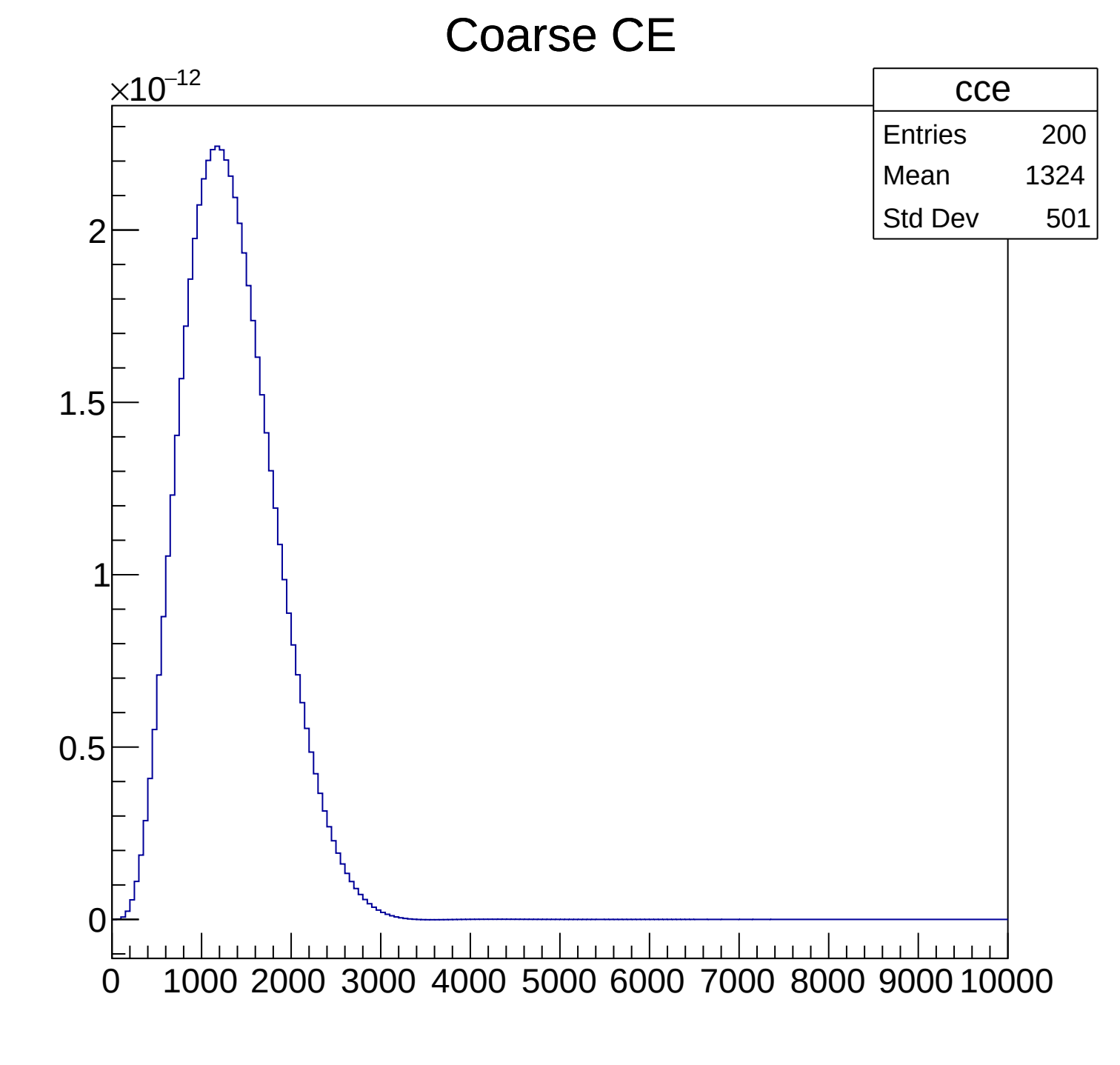
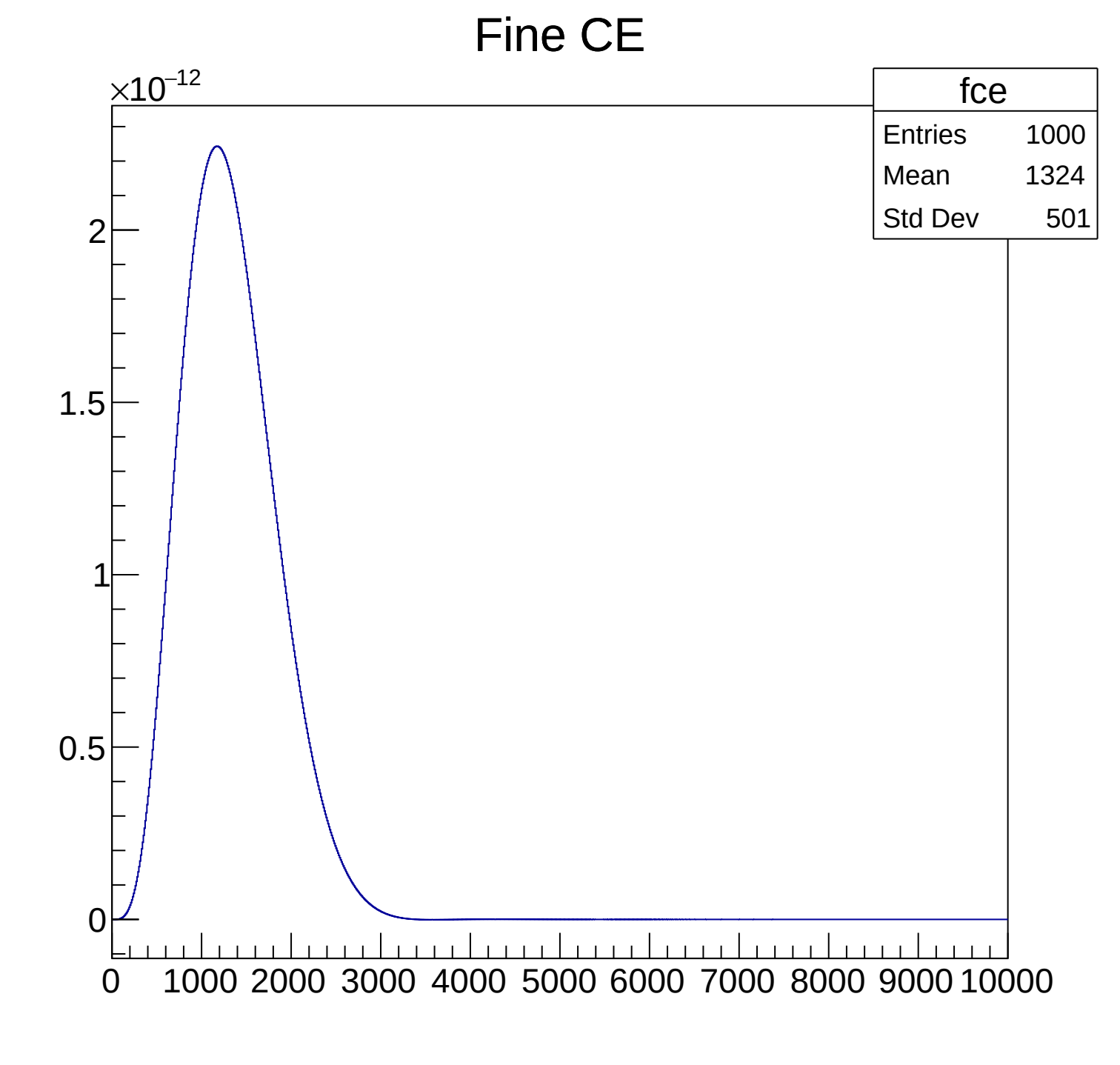

Coarse FR
cfr
Entries 200
Mean 3.487e+04
Std Dev 5.616e+04
8
6
4
2
0
−2
−4
−6
0
10
20
30
40
50
60
70
80
90
100
×10^3

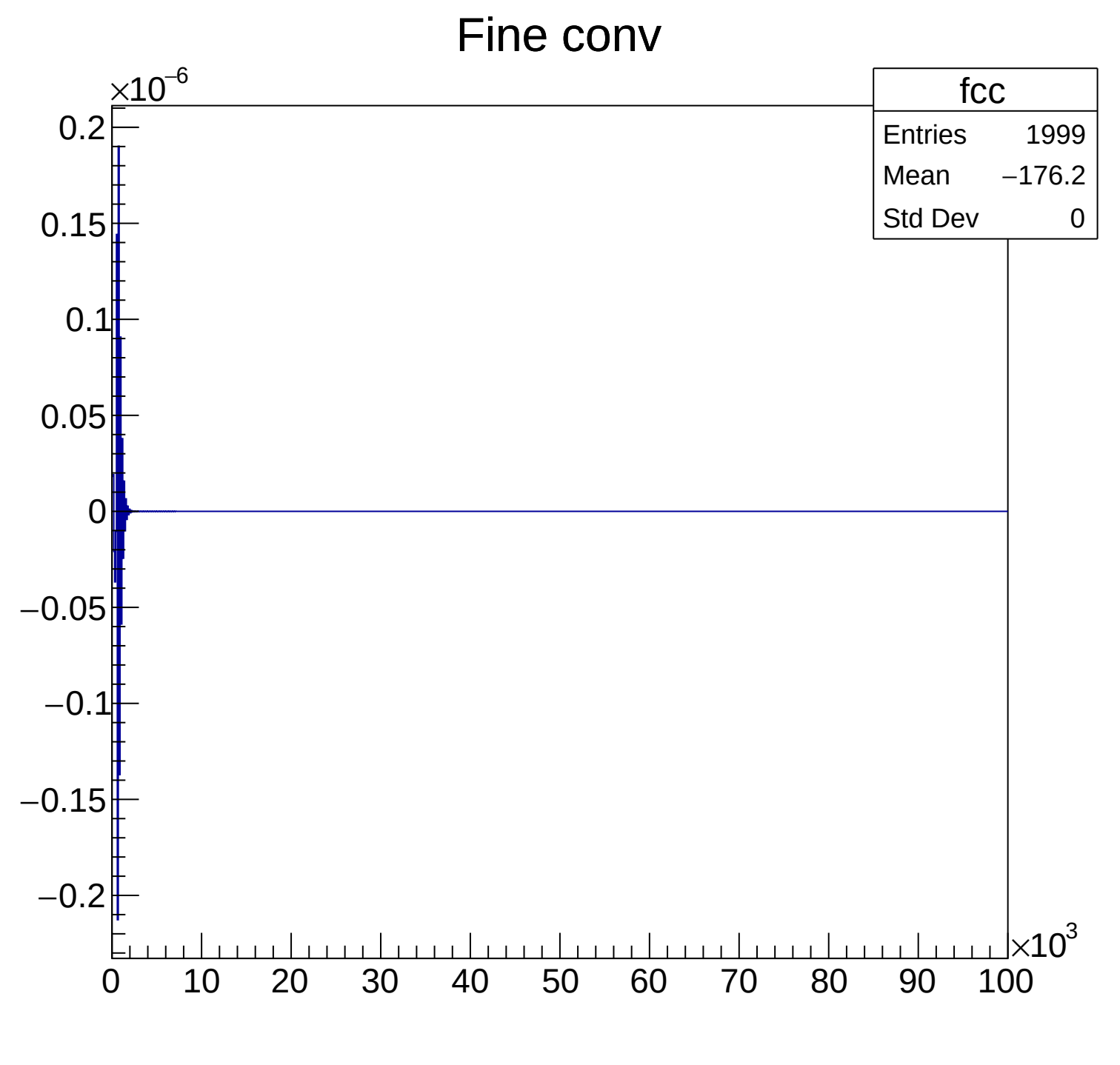

Coarse FR Shifted
cfrs
Entries 200
Mean 7.215e+04
Std Dev 4.859e+04
8
6
4
2
0
−2
−4
−6
0
10
20
30
40
50
60
70
80
90
100
×10^3

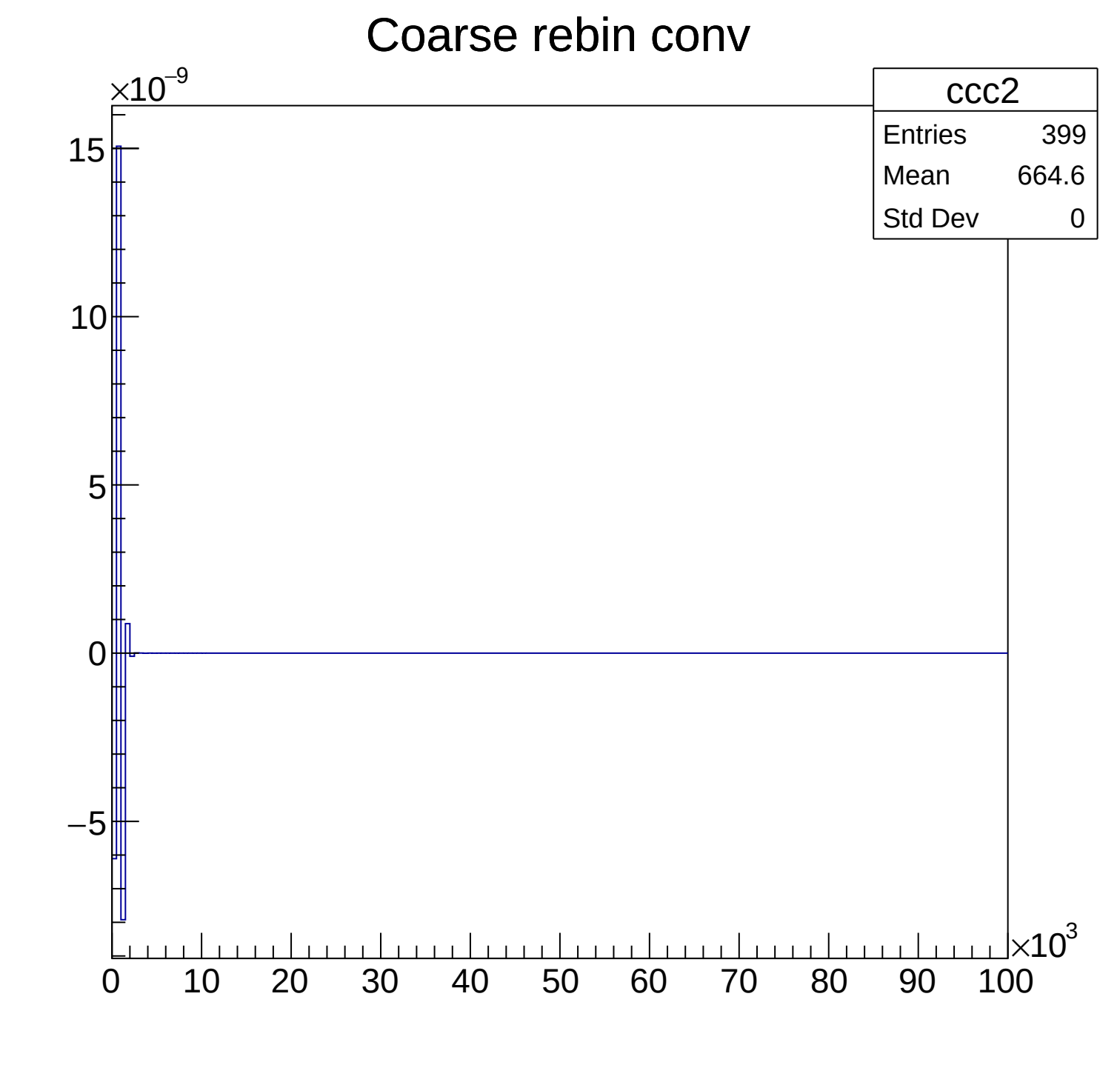

Fine FR
ffr
Entries 1000
Mean 3.49e+04
Std Dev 5.618e+04
8
6
4
2
0
−2
−4
−6
0
10
20
30
40
50
60
70
80
90
100
×10^3

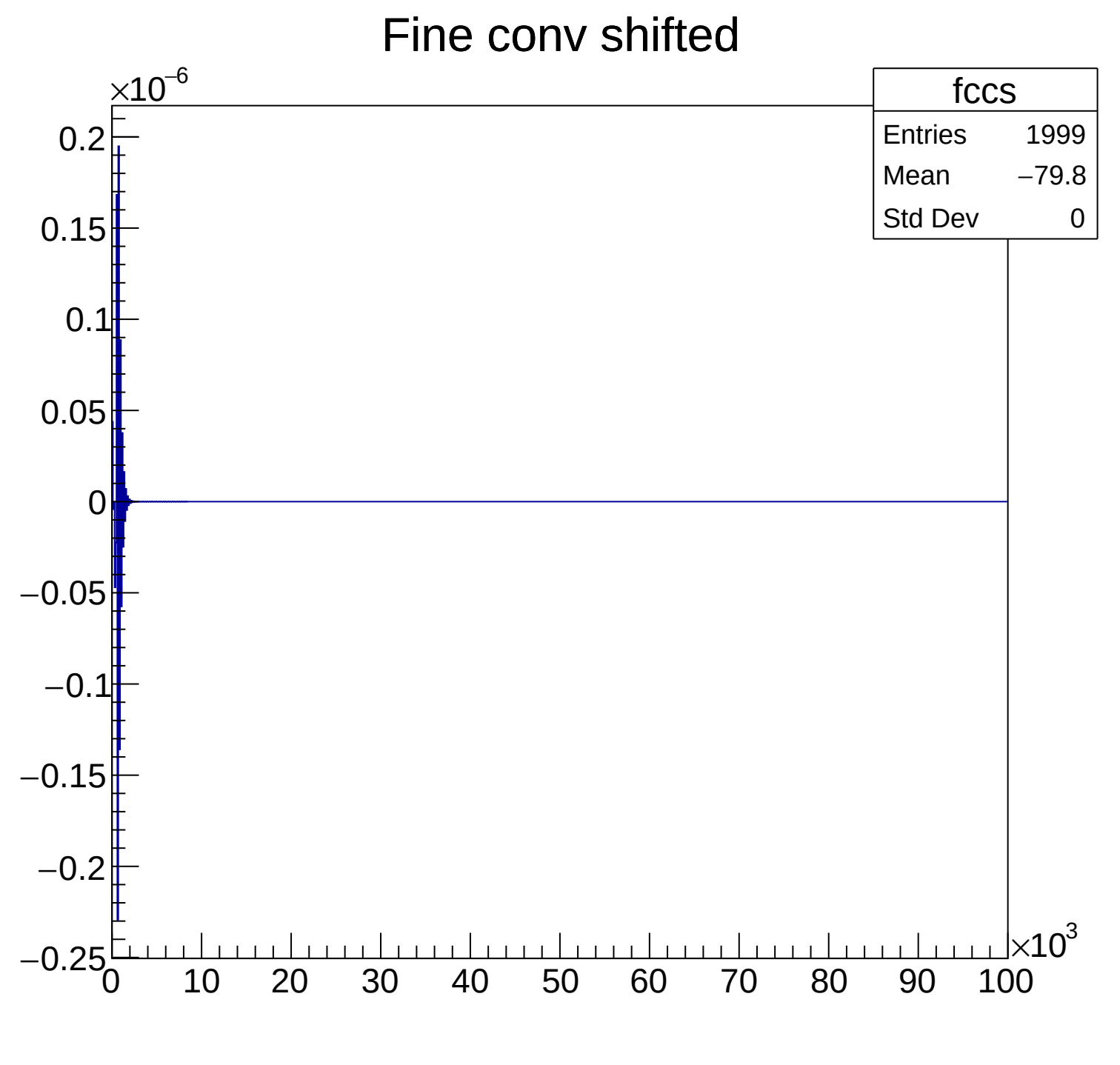

Fine FR Shifted
ffrs
Entries 1000
Mean 7.215e+04
Std Dev 4.86e+04
8
6
4
2
0
−2
−4
−6
0
10
20
30
40
50
60
70
80
90
100
×10^3

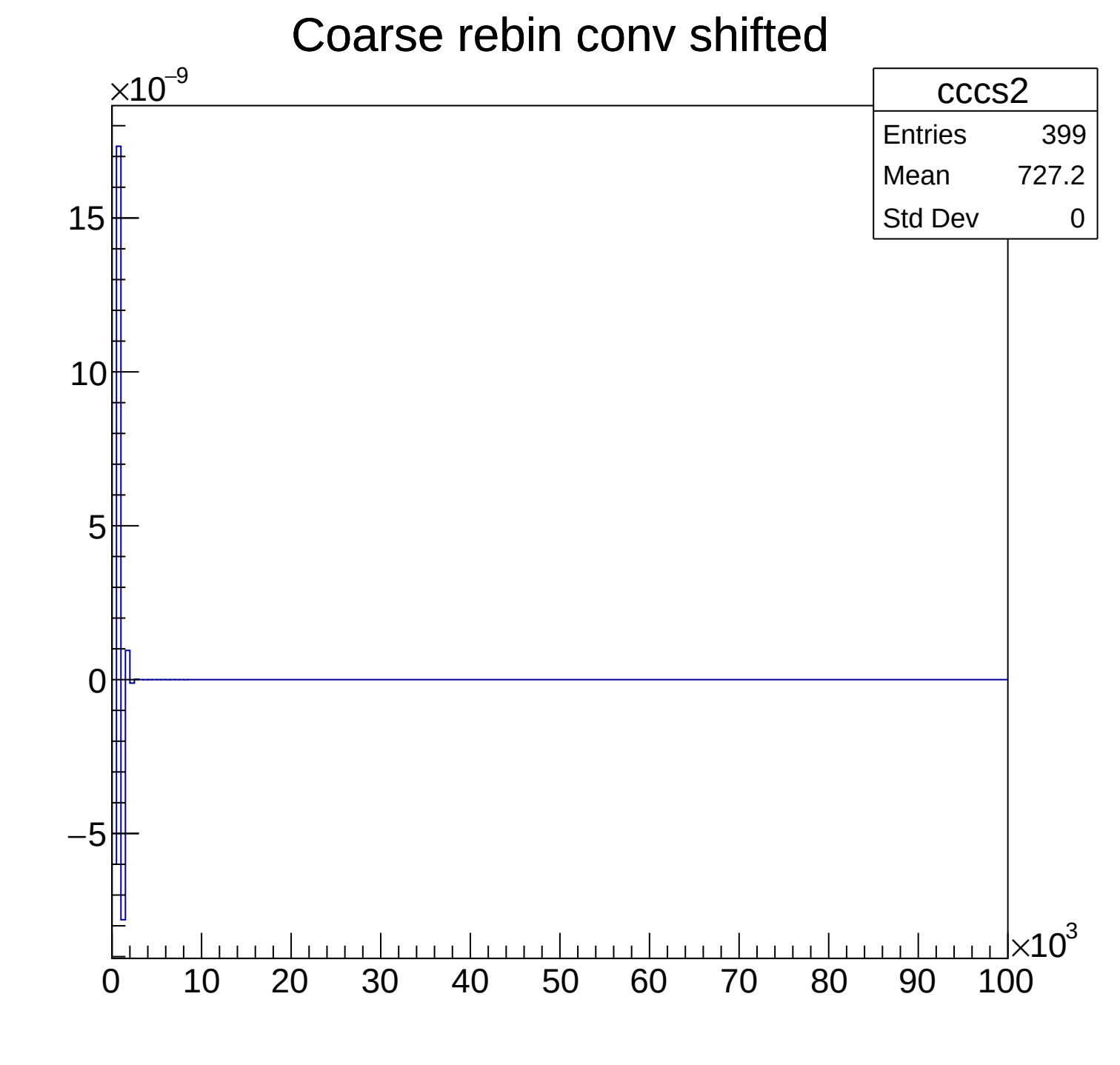

Coarse CE
×10−12
cce
Entries 200
Mean 1324
Std Dev 501
2
1.5
1
0.5
0
0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

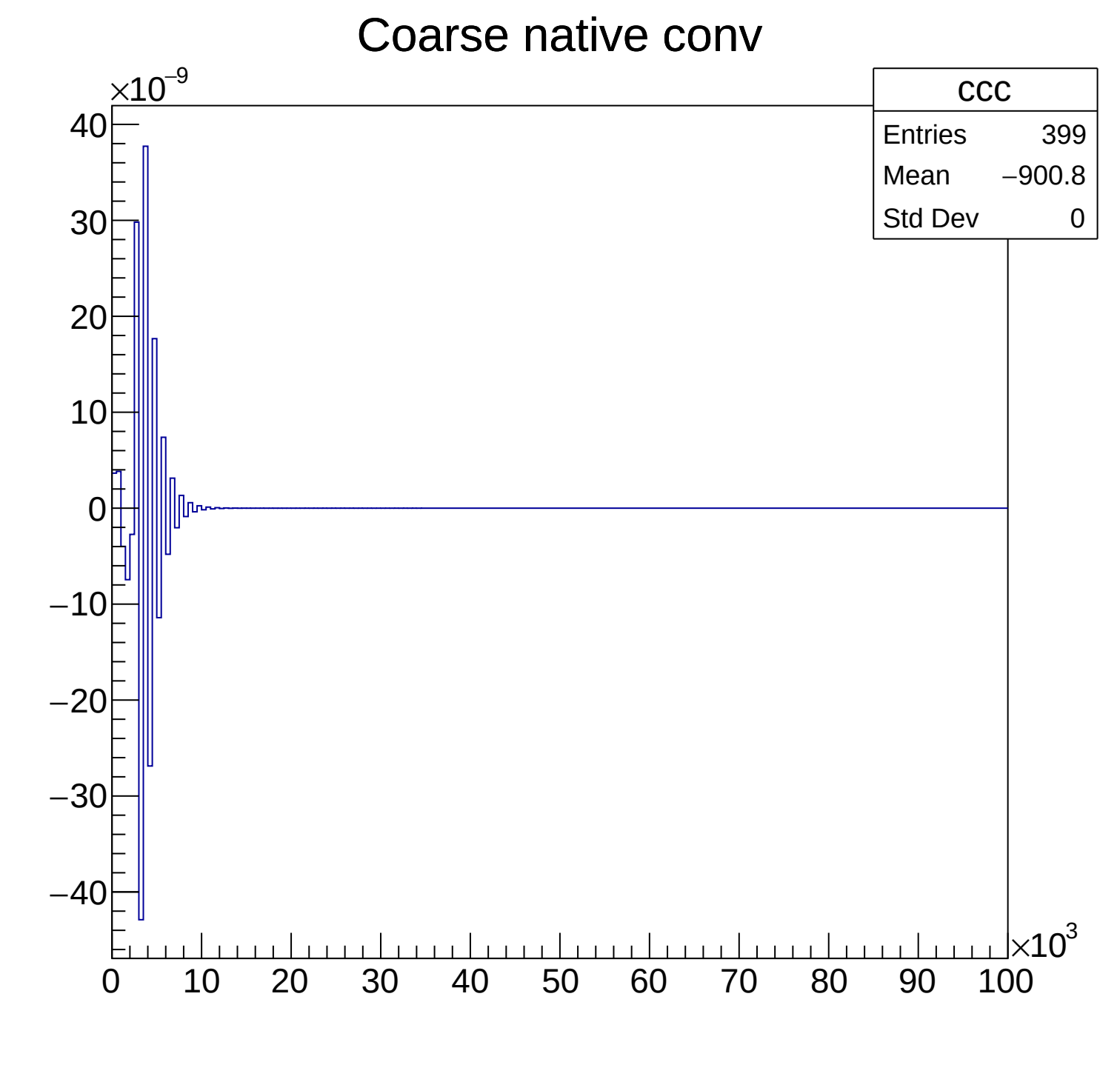

Fine CE
×10−12
fce
Entries 1000
Mean 1324
Std Dev 501
2
1.5
1
0.5
0
0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

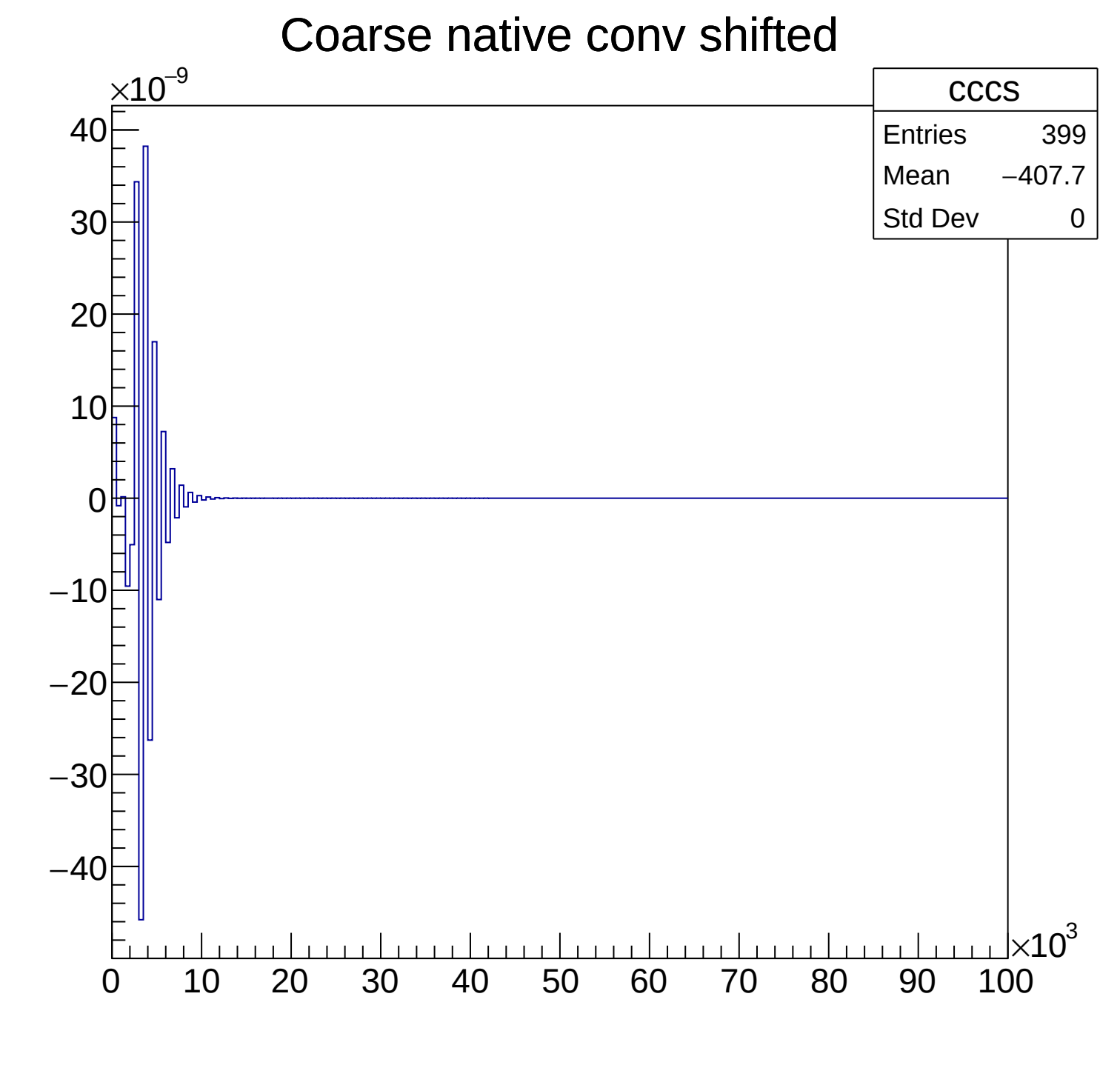

Fine conv
fcc
Entries 1999
Mean −176.2
Std Dev 0
×10−6
0.2
0.15
0.1
0.05
0
−0.05
−0.1
−0.15
−0.2
×10^3
0
10
20
30
40
50
60
70
80
90
100

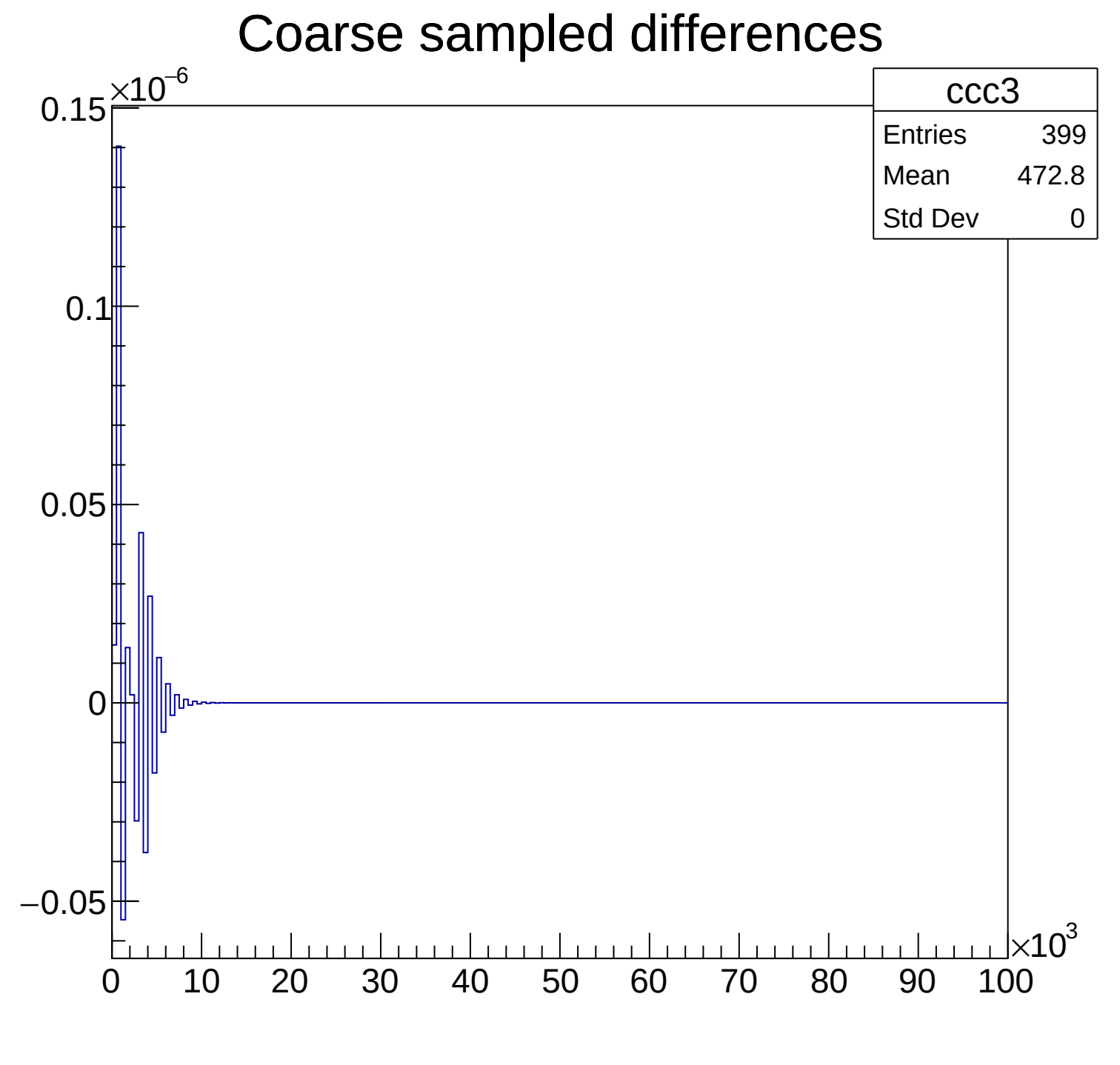

Coarse rebin conv
ccc2
Entries 399
Mean 664.6
Std Dev 0
×10−9
15
10
5
0
−5
0
10
20
30
40
50
60
70
80
90
100
×10^3

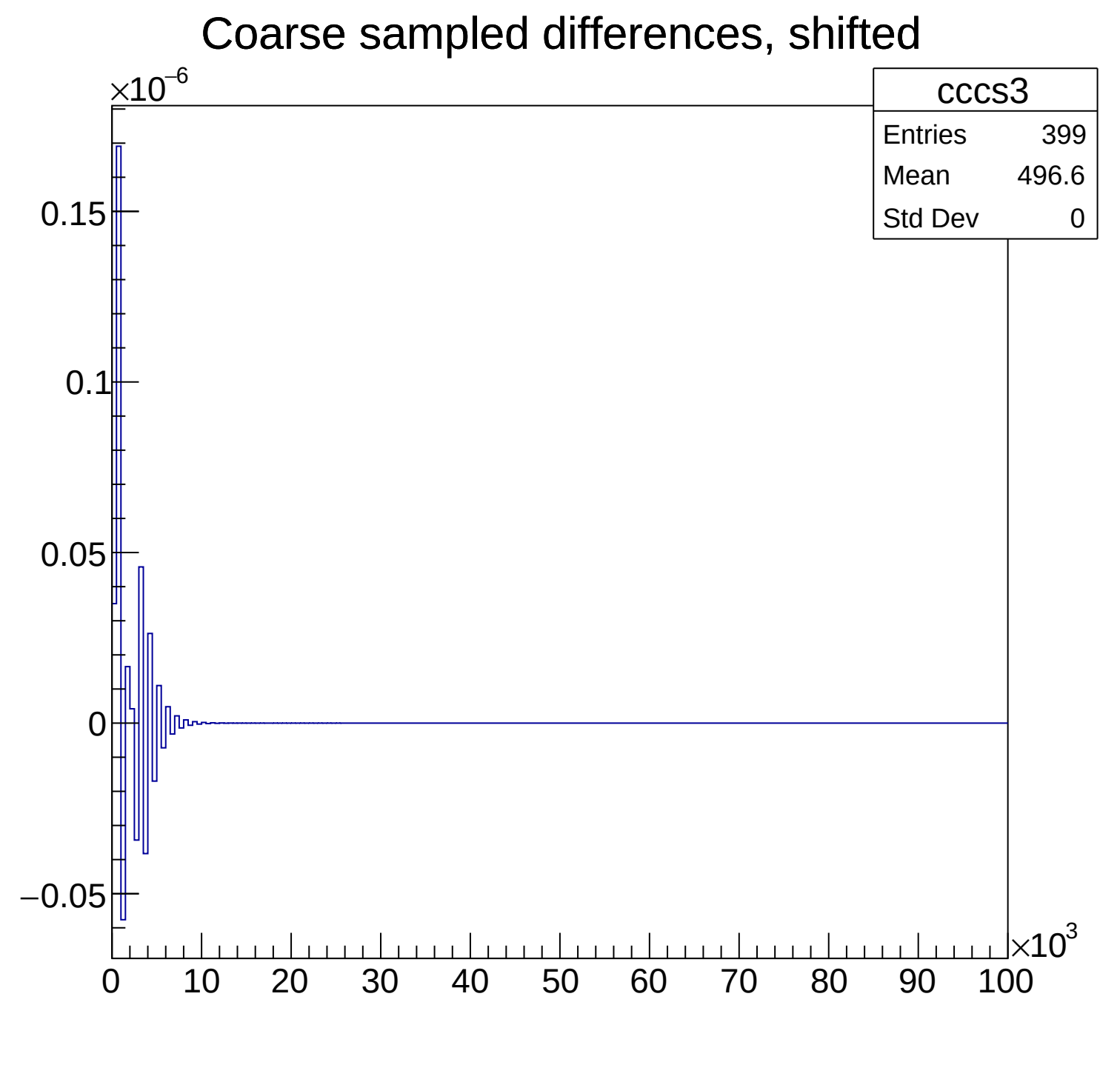

Fine conv shifted
fccs
Entries 1999
Mean −79.8
Std Dev 0
×10−6
0.2
0.15
0.1
0.05
0
−0.05
−0.1
−0.15
−0.2
−0.25
0
10
20
30
40
50
60
70
80
90
100
×10^3

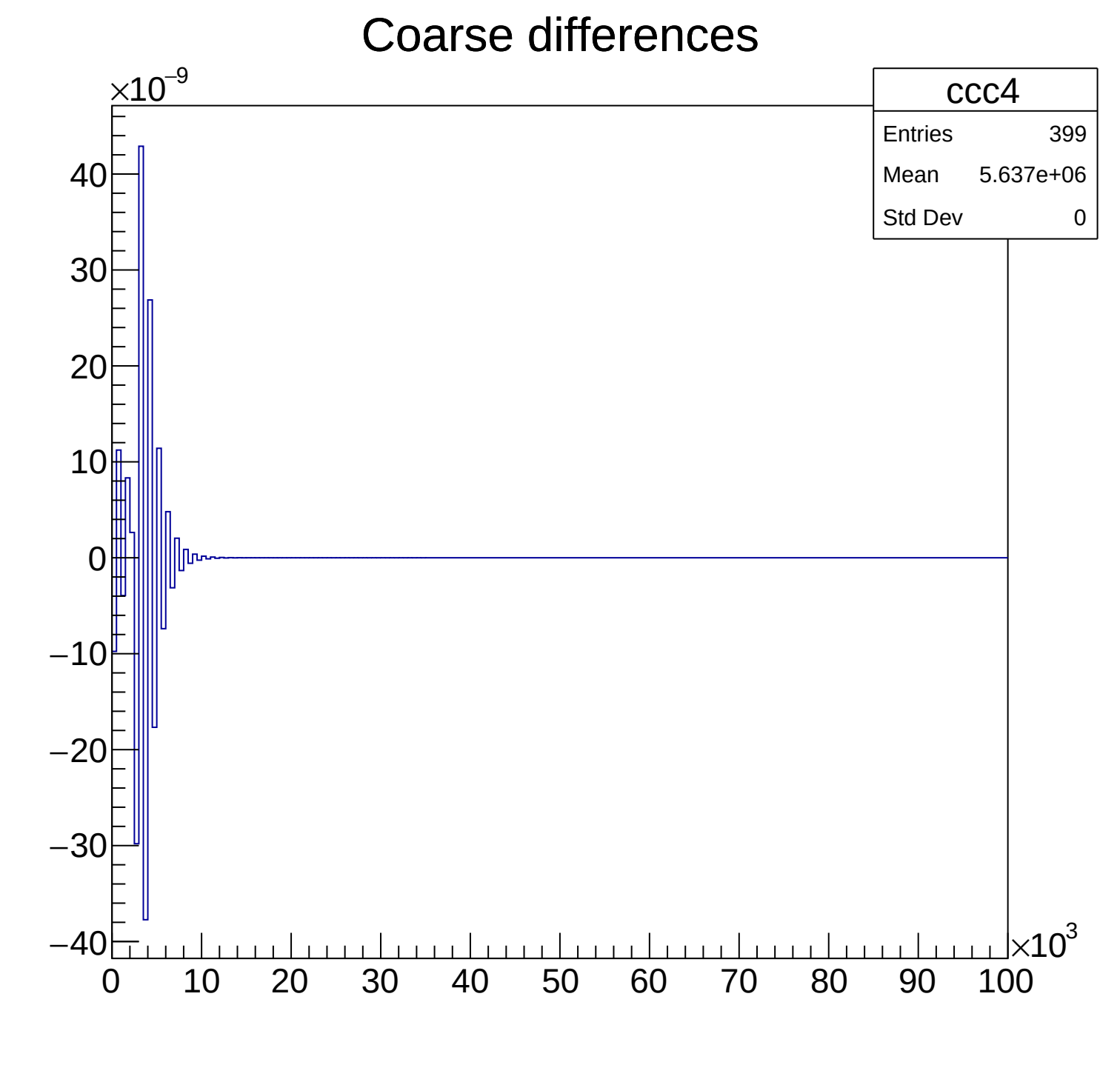

Coarse rebin conv shifted
cccs2
Entries 399
Mean 727.2
Std Dev 0
×10−9
15
10
5
0
−5
0
10
20
30
40
50
60
70
80
90
100
×10^3

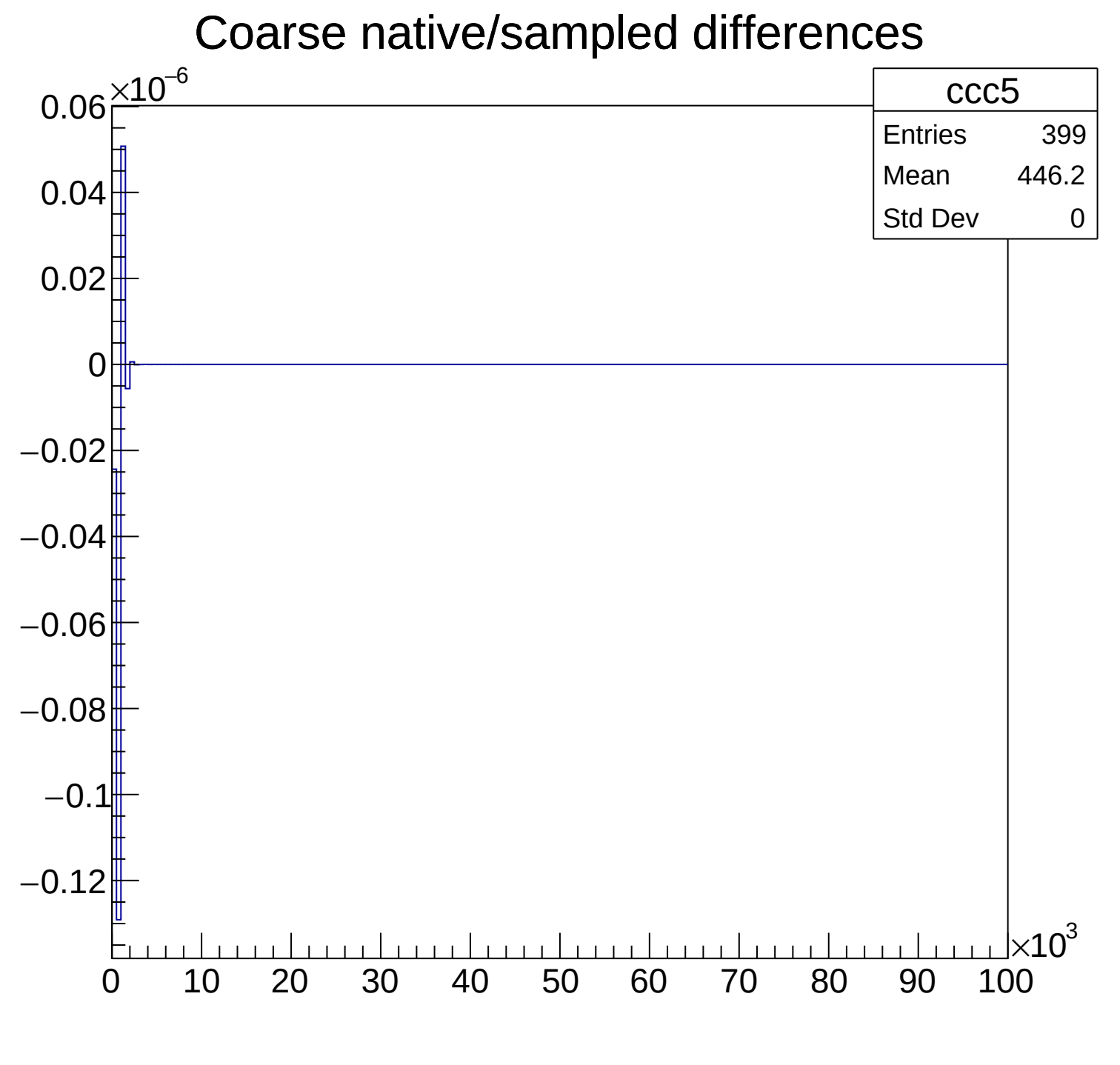

Coarse native conv
ccc
Entries 399
Mean −900.8
Std Dev 0
×10−9
40
30
20
10
0
−10
−20
−30
−40
0
10
20
30
40
50
60
70
80
90
100
×103


Coarse native conv shifted
cccs
Entries 399
Mean −407.7
Std Dev 0
×10−9
40
30
20
10
0
−10
−20
−30
−40
×10^3
0
10
20
30
40
50
60
70
80
90
100


Coarse sampled differences
ccc3
Entries 399
Mean 472.8
Std Dev 0
×10−6
0.15
0.1
0.05
0
−0.05
×10^3
0
10
20
30
40
50
60
70
80
90
100


Coarse sampled differences, shifted
×10−6
0.15
0.1
0.05
0
−0.05
cccs3
Entries 399
Mean 496.6
Std Dev 0
0
10
20
30
40
50
60
70
80
90
100
×10^3


Coarse differences
ccc4
Entries 399
Mean 5.637e+06
Std Dev 0
×10−9
40
30
20
10
0
−10
−20
−30
−40
0
10
20
30
40
50
60
70
80
90
100
×10^3


Coarse native/sampled differences
ccc5
Entries 399
Mean 446.2
Std Dev 0
×10−6
0.06
0.04
0.02
0
−0.02
−0.04
−0.06
−0.08
−0.1
−0.12
×10^3
0
10
20
30
40
50
60
70
80
90
100