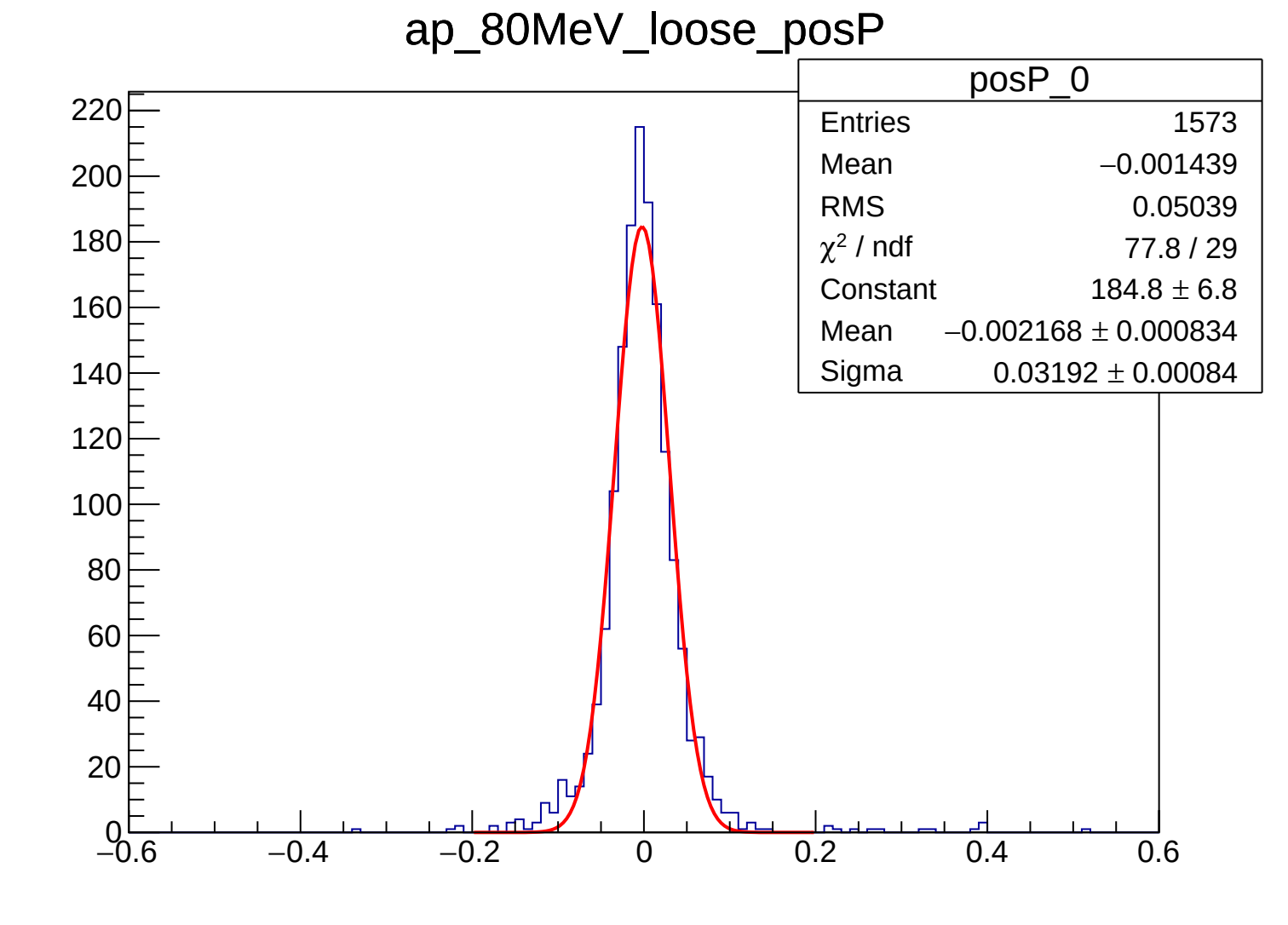
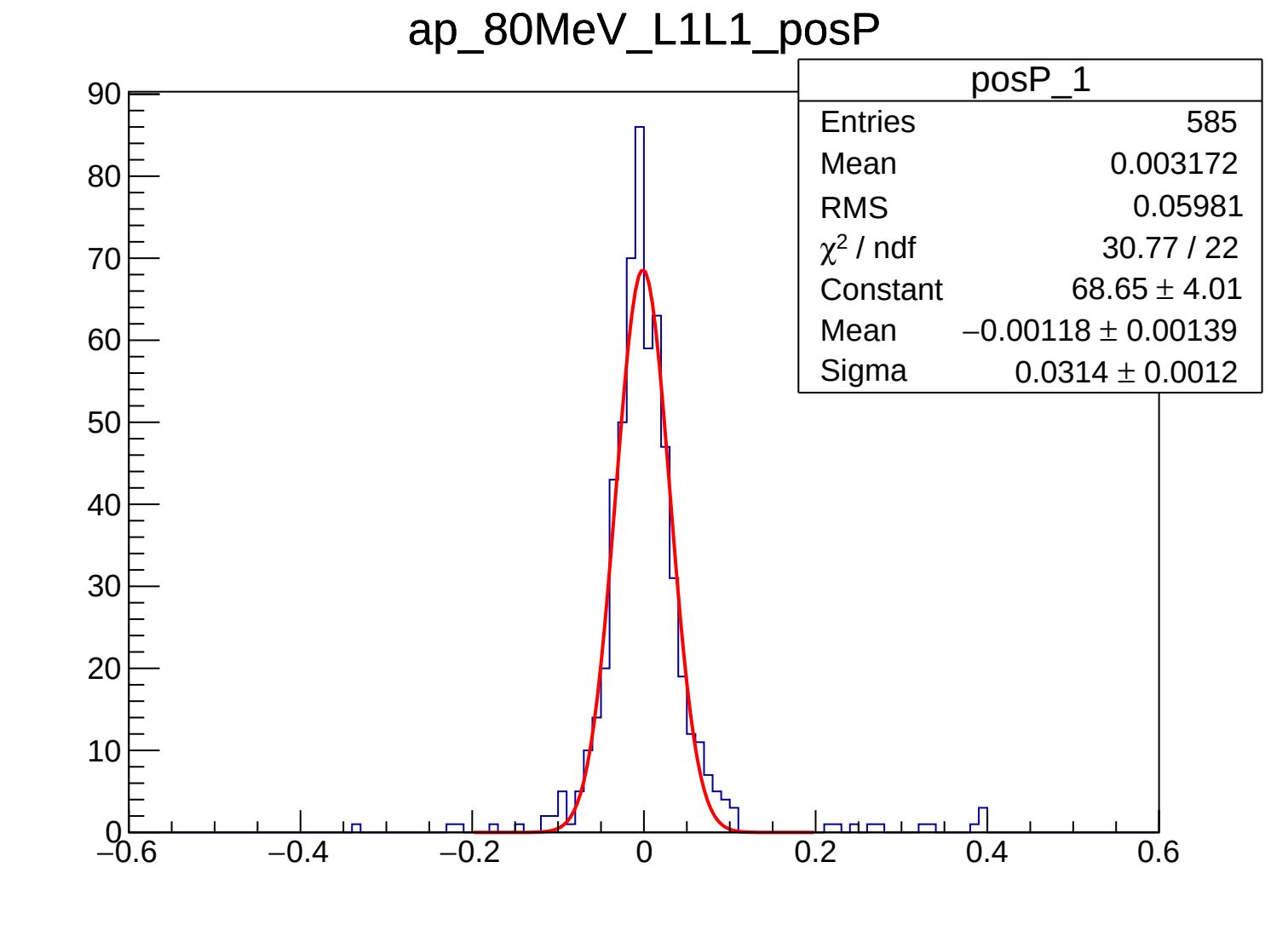
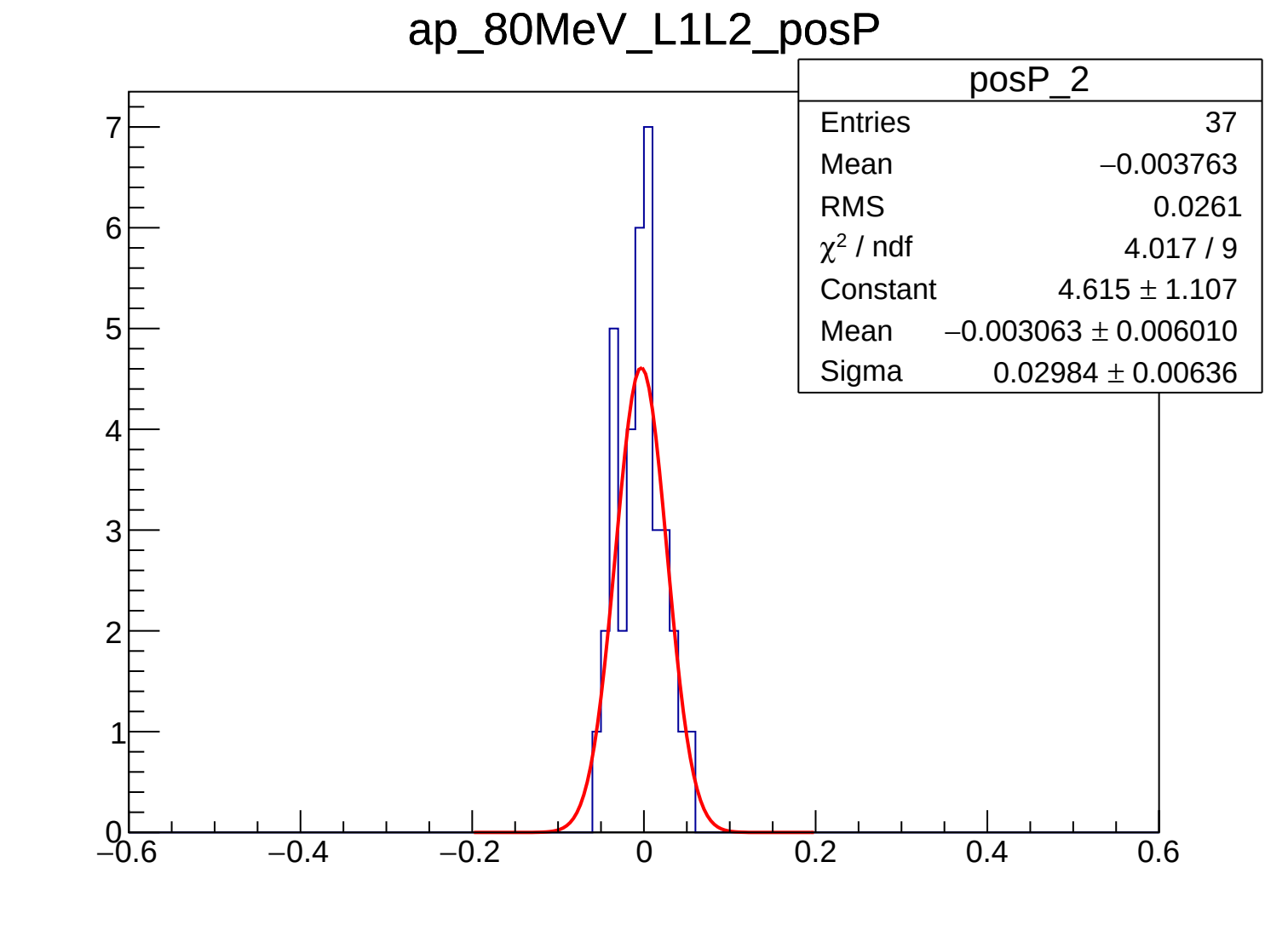
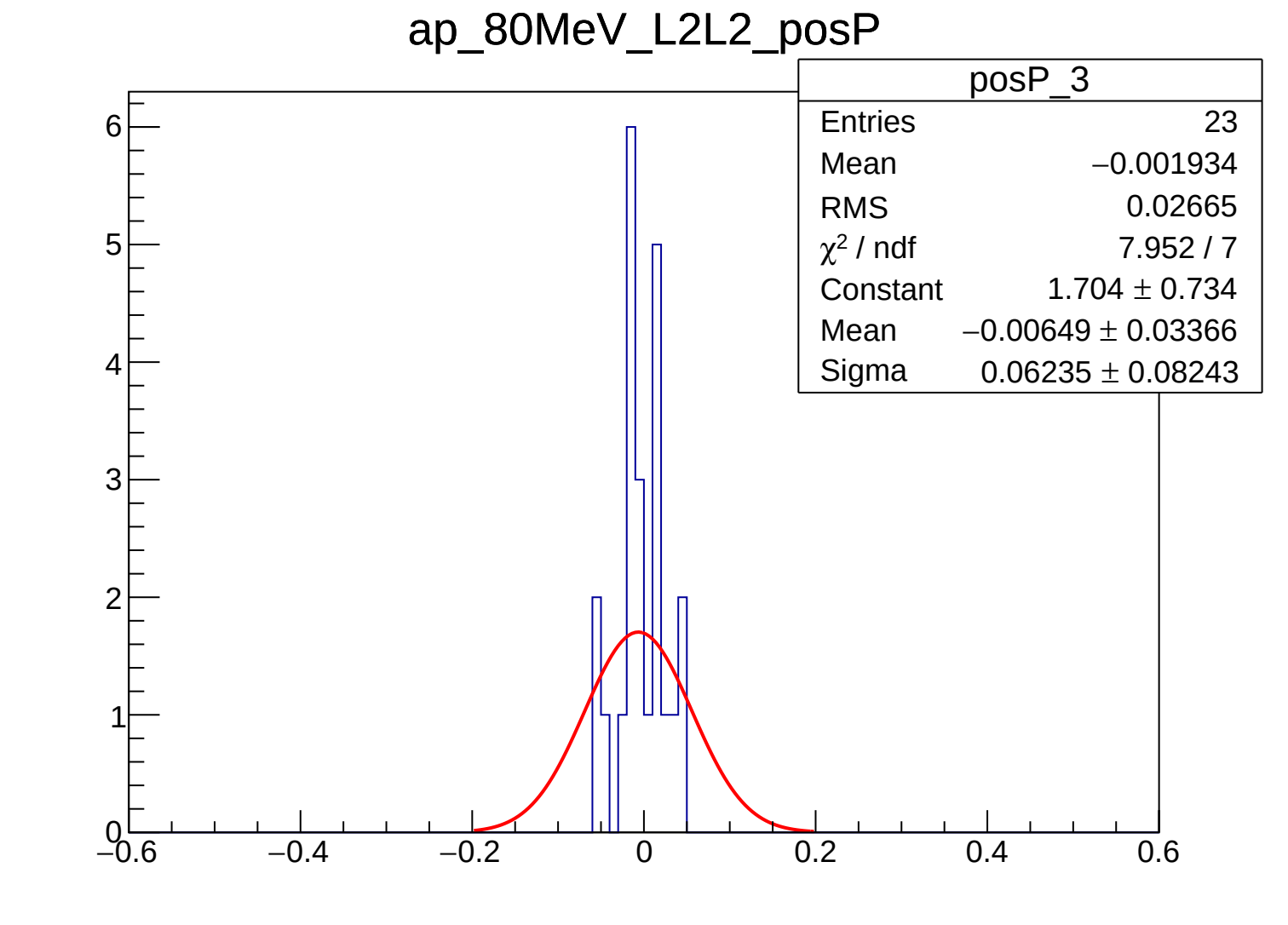
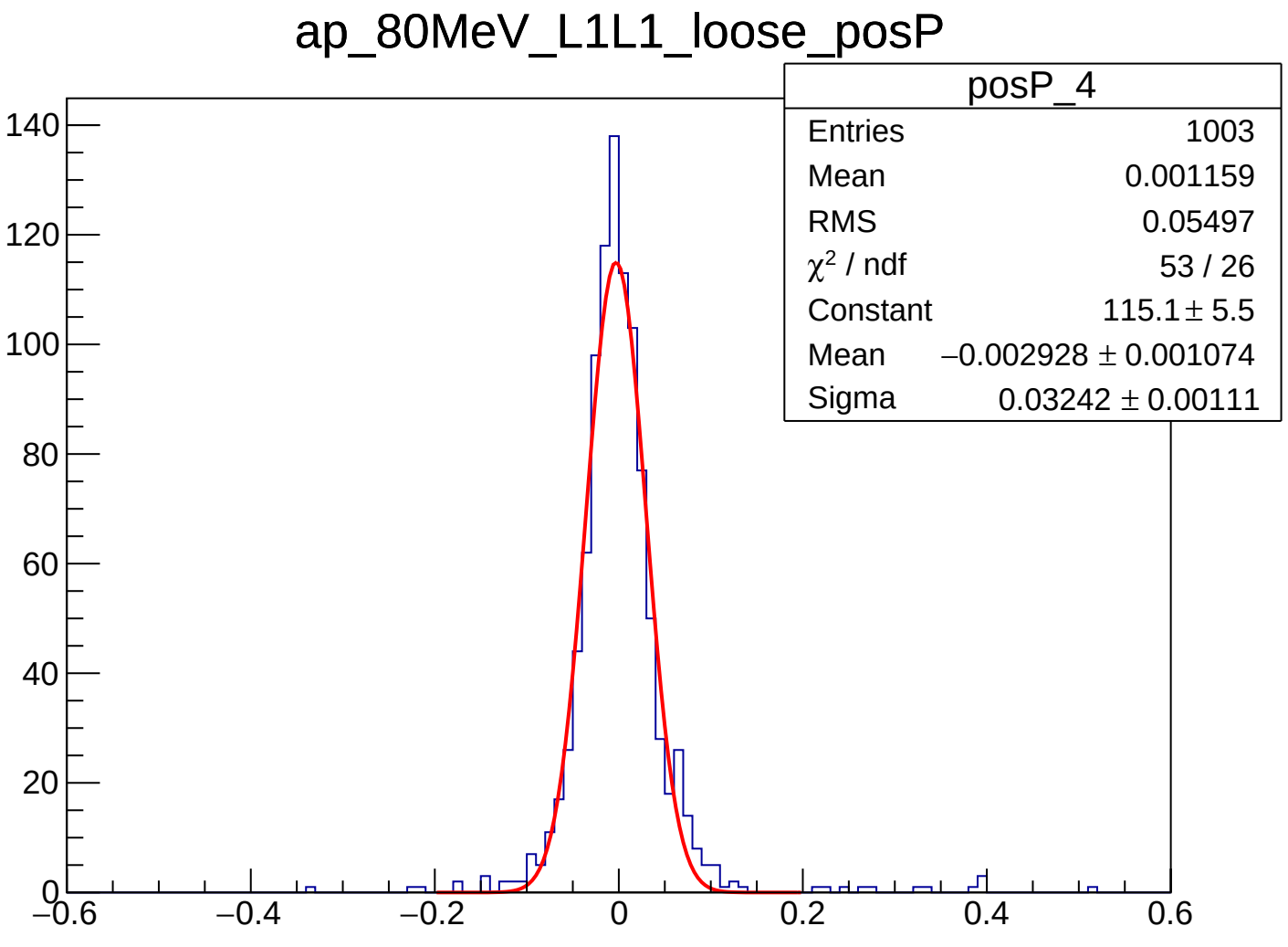
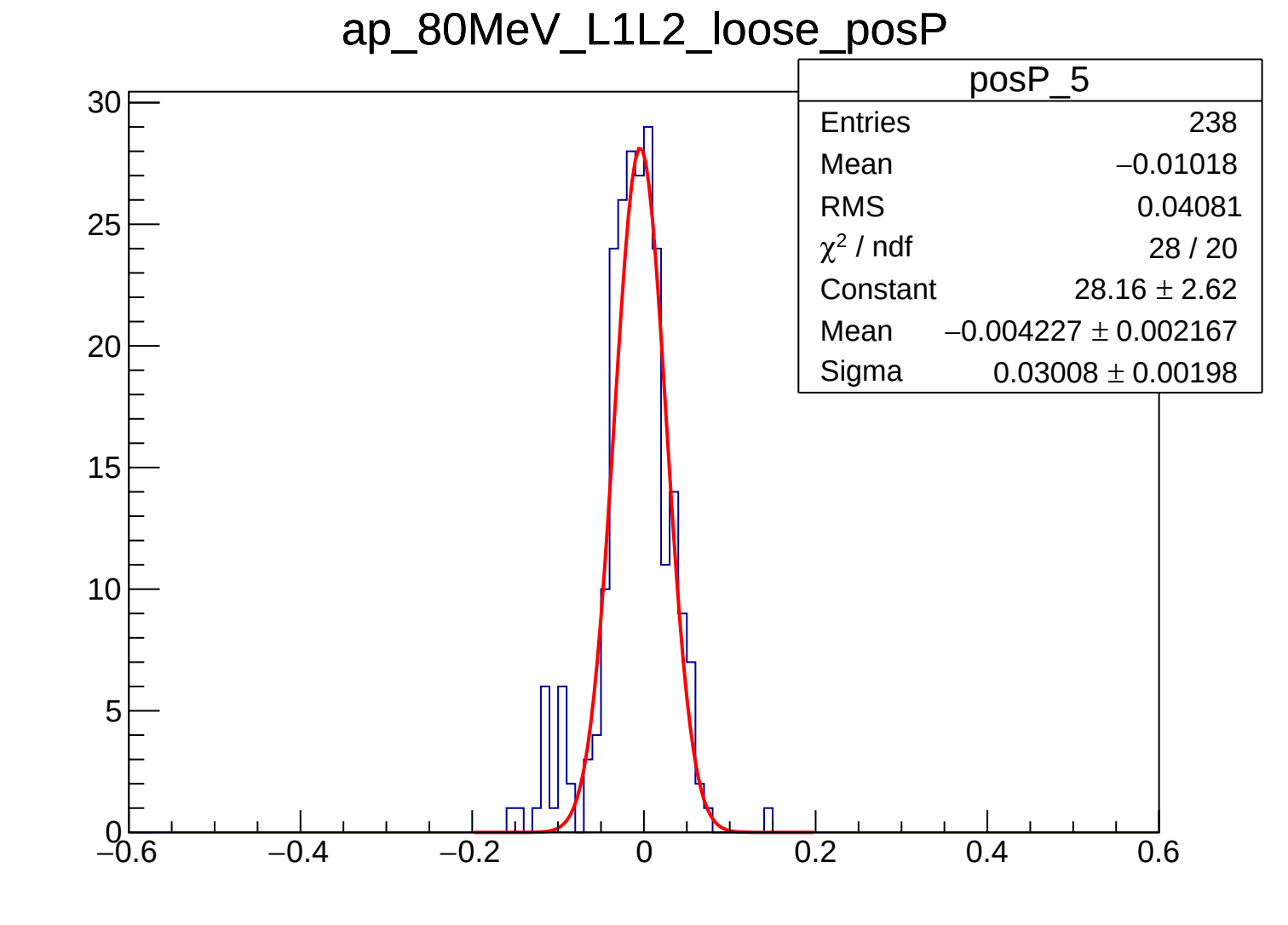

ap_80MeV_loose_posP
posP_0
Entries 1573
Mean –0.001439
RMS 0.05039
χ² / ndf 77.8 / 29
Constant 184.8 ± 6.8
Mean –0.002168 ± 0.000834
Sigma 0.03192 ± 0.00084
220
200
180
160
140
120
100
80
60
40
20
0
–0.6
–0.4
–0.2
0
0.2
0.4
0.6

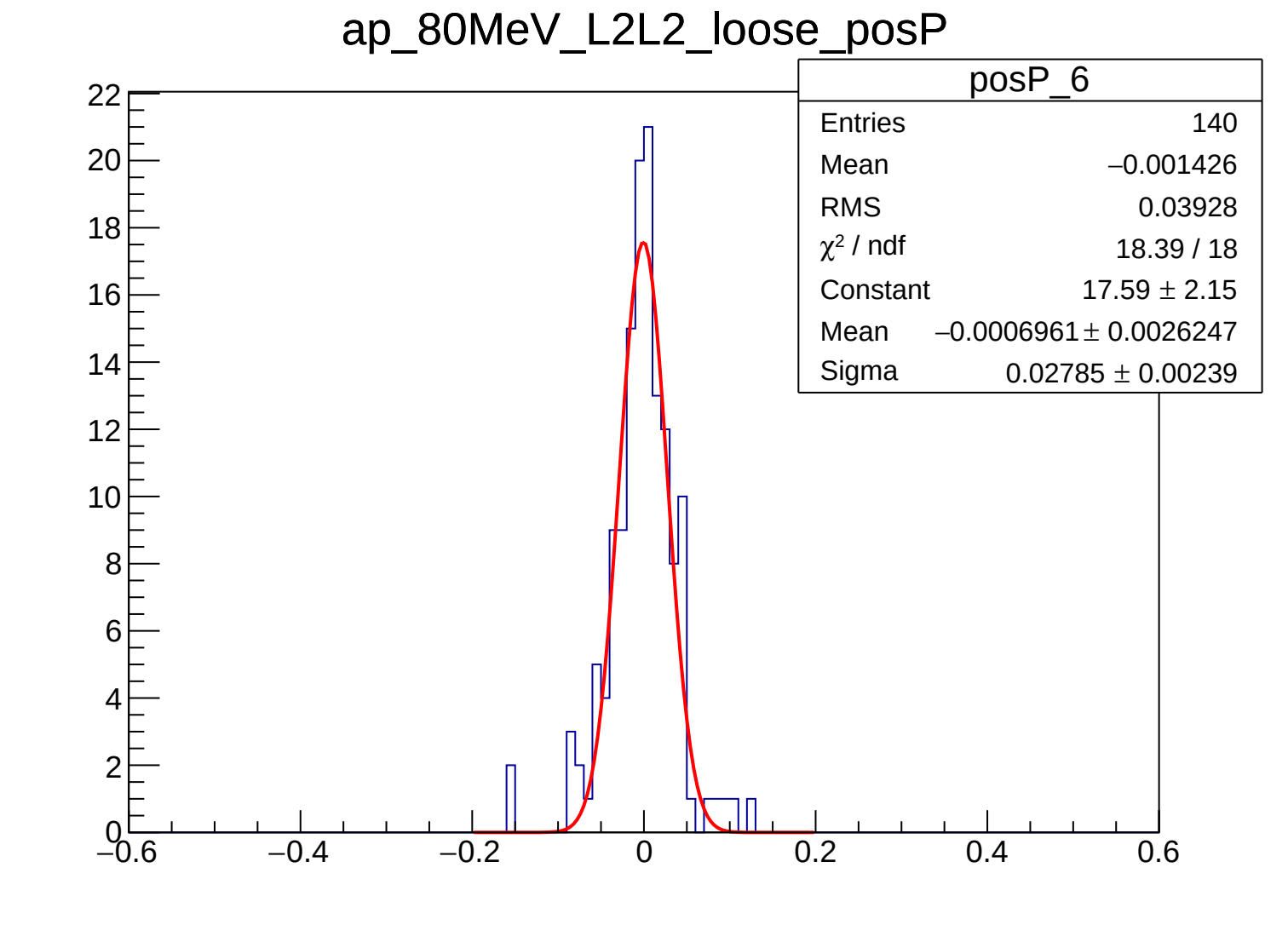

ap_80MeV_L1L1_posP
posP_1
Entries 585
Mean 0.003172
RMS 0.05981
χ² / ndf 30.77 / 22
Constant 68.65 ± 4.01
Mean −0.00118 ± 0.00139
Sigma 0.0314 ± 0.0012
90
80
70
60
50
40
30
20
10
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6

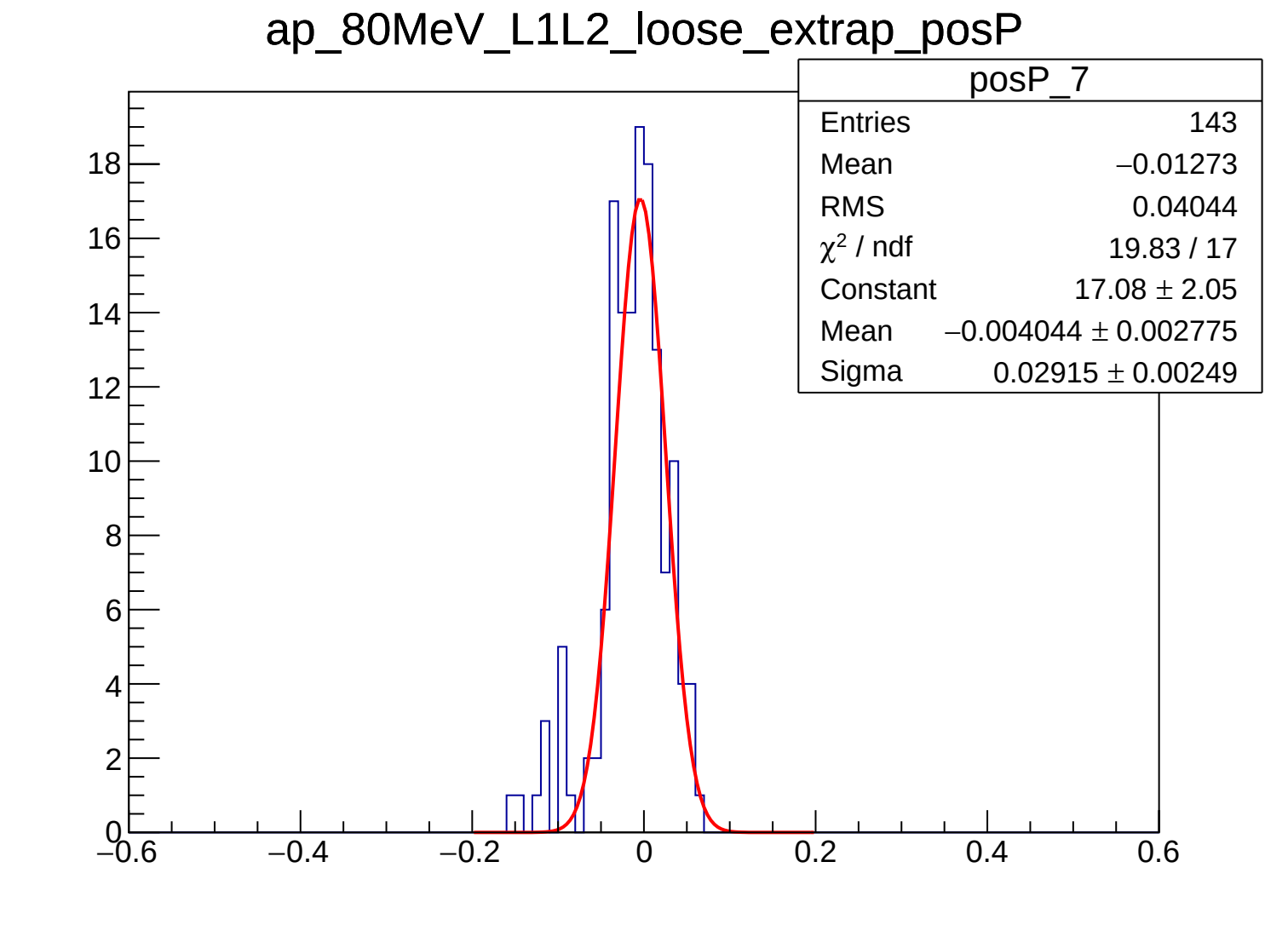

ap_80MeV_L1L2_posP
posP_2
Entries 37
Mean –0.003763
RMS 0.0261
χ² / ndf 4.017 / 9
Constant 4.615 ± 1.107
Mean –0.003063 ± 0.006010
Sigma 0.02984 ± 0.00636
0
1
2
3
4
5
6
7
–0.6
–0.4
–0.2
0
0.2
0.4
0.6

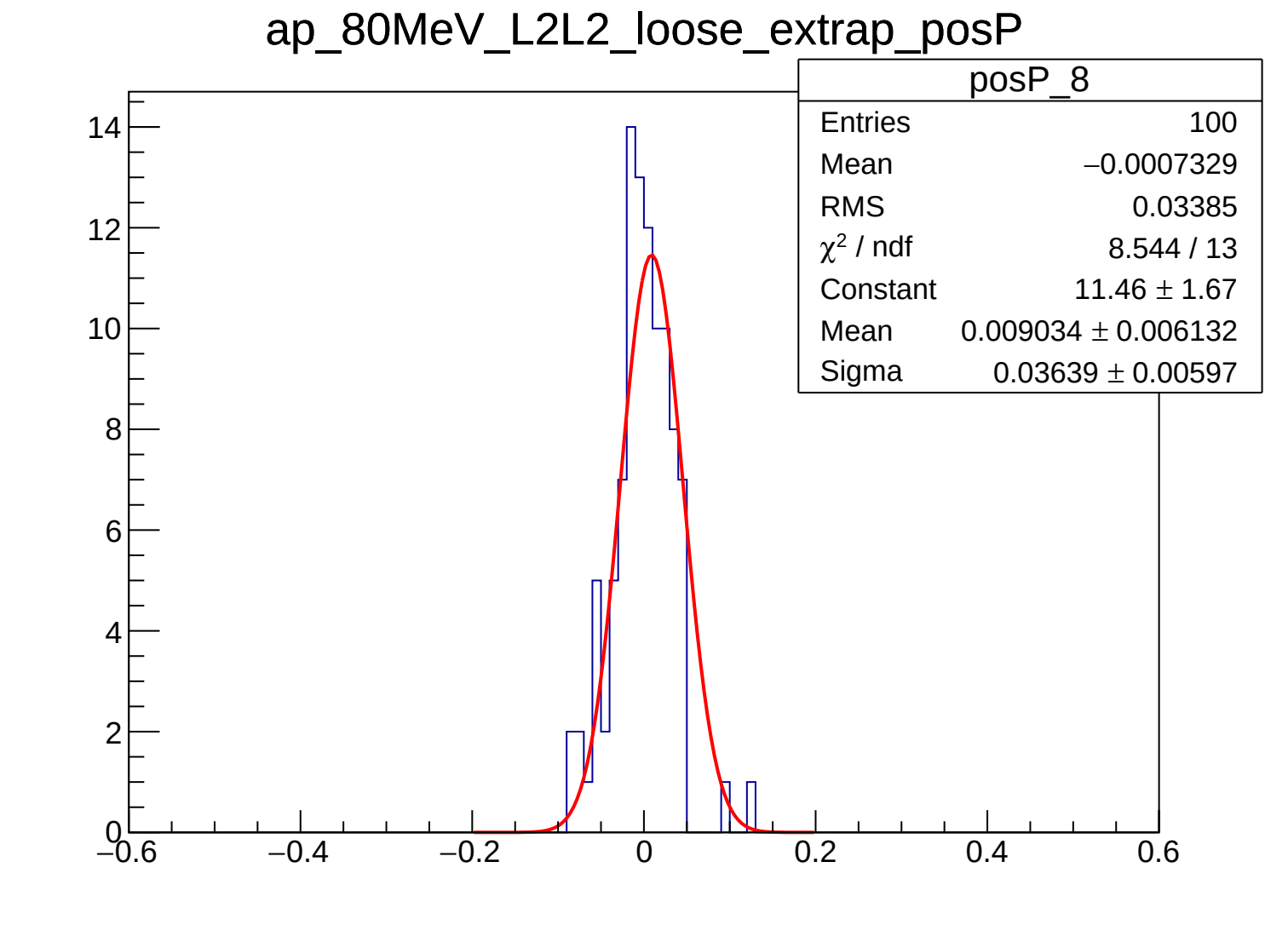

ap_80MeV_L2L2_posP
posP_3
Entries 23
Mean −0.001934
RMS 0.02665
χ² / ndf 7.952 / 7
Constant 1.704 ± 0.734
Mean −0.00649 ± 0.03366
Sigma 0.06235 ± 0.08243
0
1
2
3
4
5
6
−0.6
−0.4
−0.2
0
0.2
0.4
0.6


ap_80MeV_L1L1_loose_posP
posP_4
Entries 1003
Mean 0.001159
RMS 0.05497
χ² / ndf 53 / 26
Constant 115.1 ± 5.5
Mean −0.002928 ± 0.001074
Sigma 0.03242 ± 0.00111
140
120
100
80
60
40
20
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6


ap_80MeV_L1L2_loose_posP
posP_5
Entries 238
Mean −0.01018
RMS 0.04081
χ² / ndf 28 / 20
Constant 28.16 ± 2.62
Mean −0.004227 ± 0.002167
Sigma 0.03008 ± 0.00198
30
25
20
15
10
5
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6


ap_80MeV_L2L2_loose_posP
posP_6
Entries 140
Mean –0.001426
RMS 0.03928
χ² / ndf 18.39 / 18
Constant 17.59 ± 2.15
Mean –0.0006961 ± 0.0026247
Sigma 0.02785 ± 0.00239
22
20
18
16
14
12
10
8
6
4
2
0
–0.6
–0.4
–0.2
0
0.2
0.4
0.6


ap_80MeV_L1L2_loose_extrap_posP
posP_7
Entries 143
Mean −0.01273
RMS 0.04044
χ² / ndf 19.83 / 17
Constant 17.08 ± 2.05
Mean −0.004044 ± 0.002775
Sigma 0.02915 ± 0.00249
0
2
4
6
8
10
12
14
16
18
−0.6
−0.4
−0.2
0
0.2
0.4
0.6


ap_80MeV_L2L2_loose_extrap_posP
posP_8
Entries 100
Mean –0.0007329
RMS 0.03385
χ² / ndf 8.544 / 13
Constant 11.46 ± 1.67
Mean 0.009034 ± 0.006132
Sigma 0.03639 ± 0.00597
14
12
10
8
6
4
2
0
–0.6
–0.4
–0.2
0
0.2
0.4
0.6