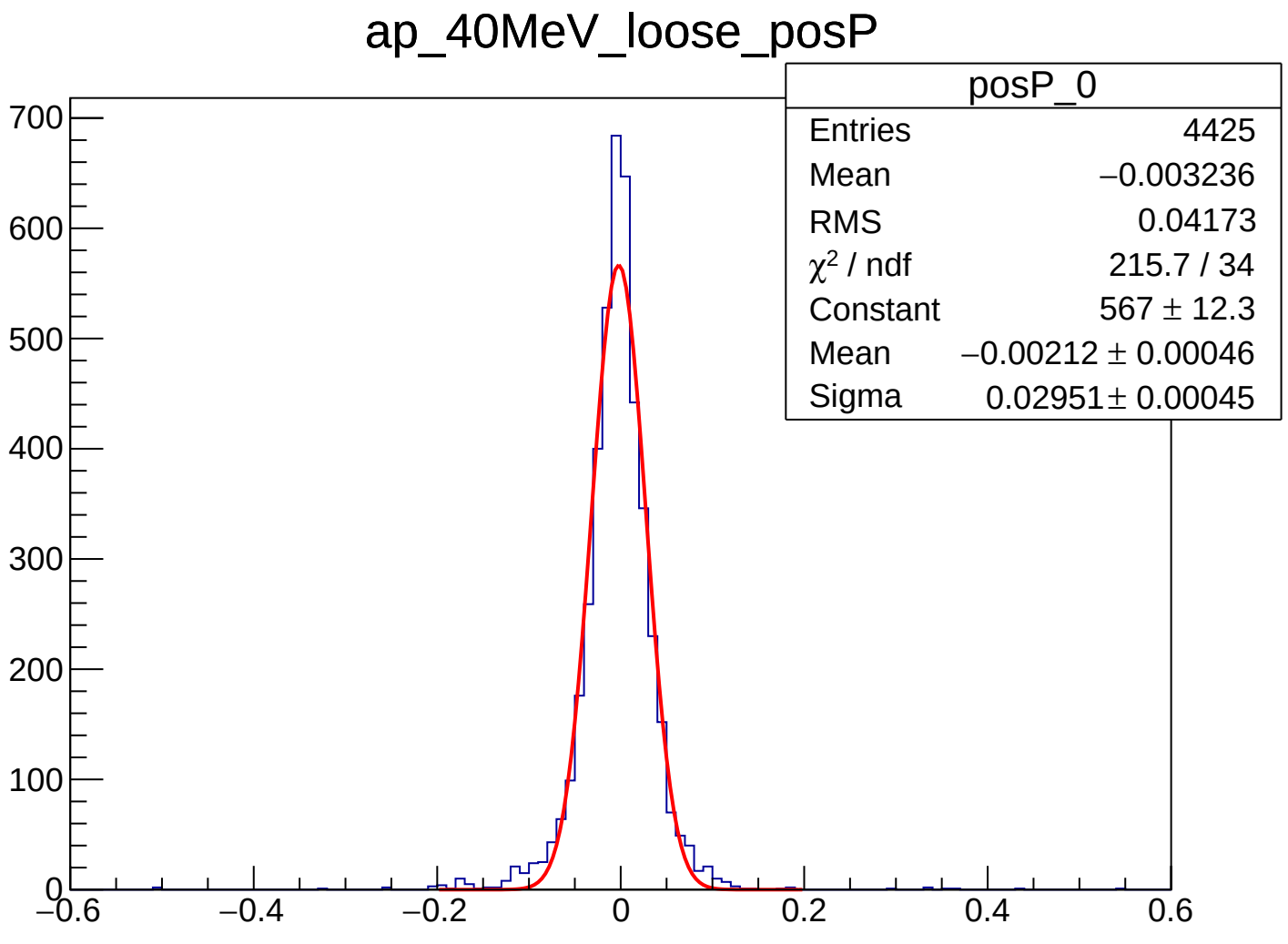
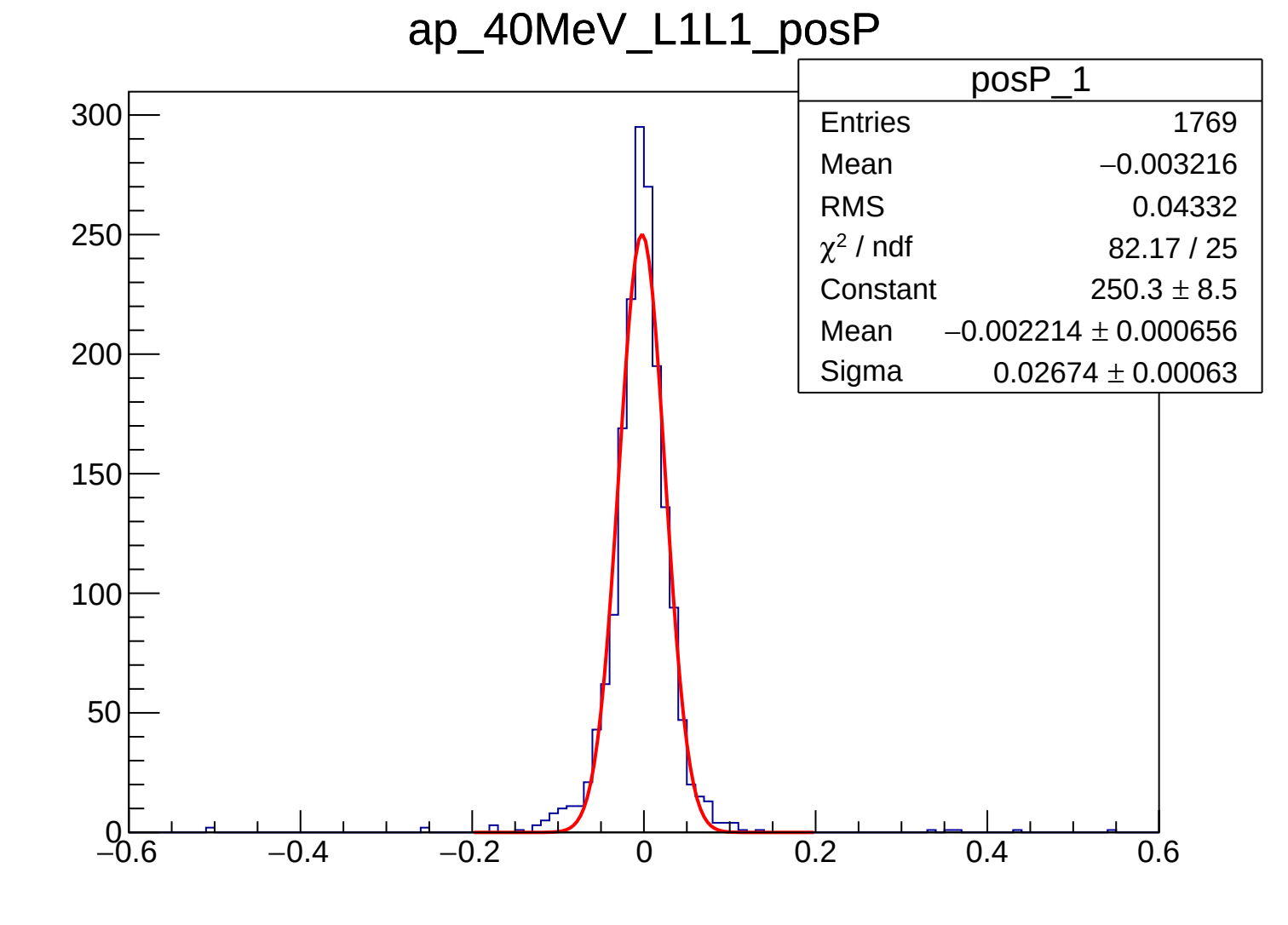
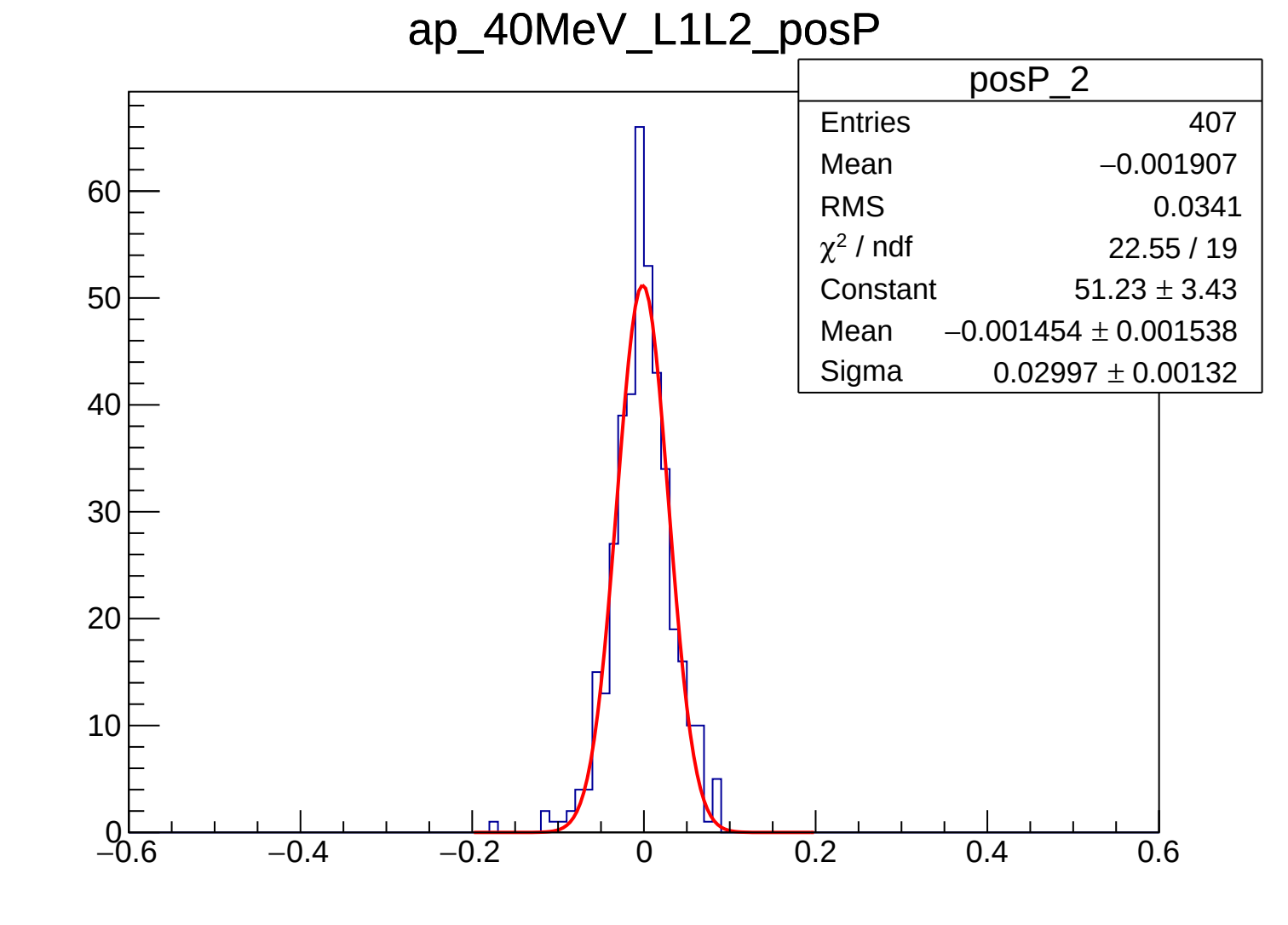
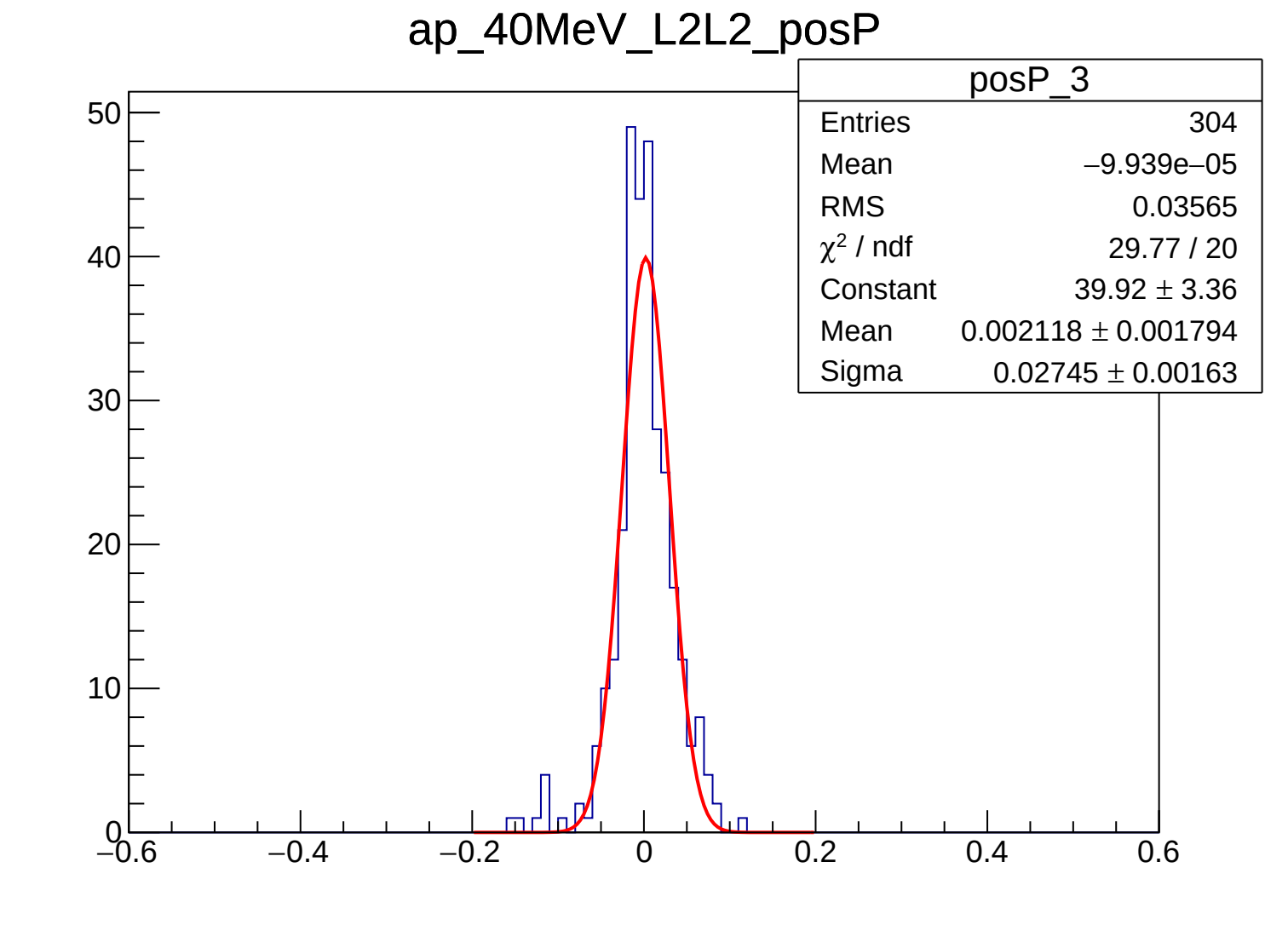
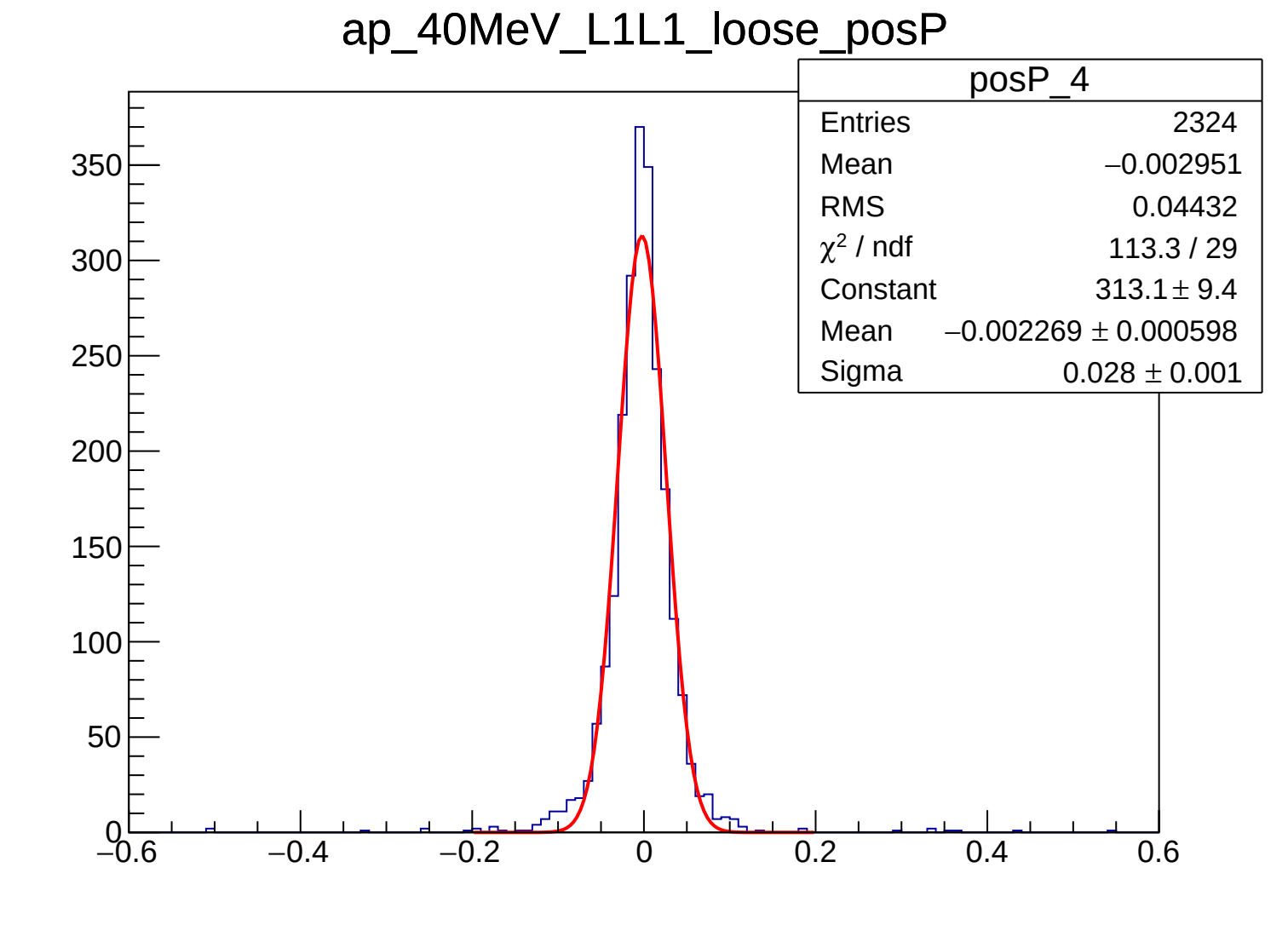
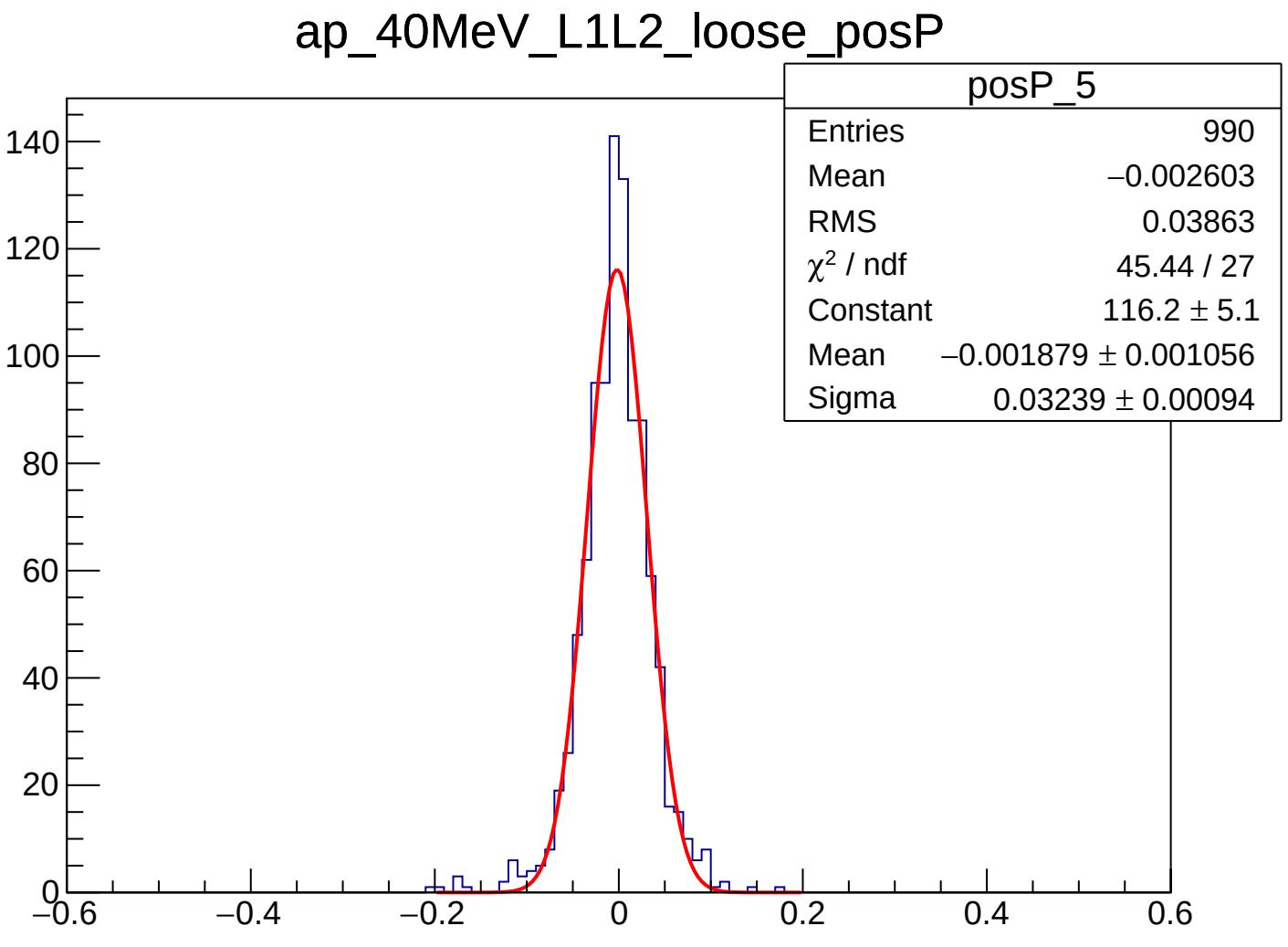

ap_40MeV_loose_posP
posP_0
Entries 4425
Mean −0.003236
RMS 0.04173
χ² / ndf 215.7 / 34
Constant 567 ± 12.3
Mean −0.00212 ± 0.00046
Sigma 0.02951 ± 0.00045
700
600
500
400
300
200
100
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6

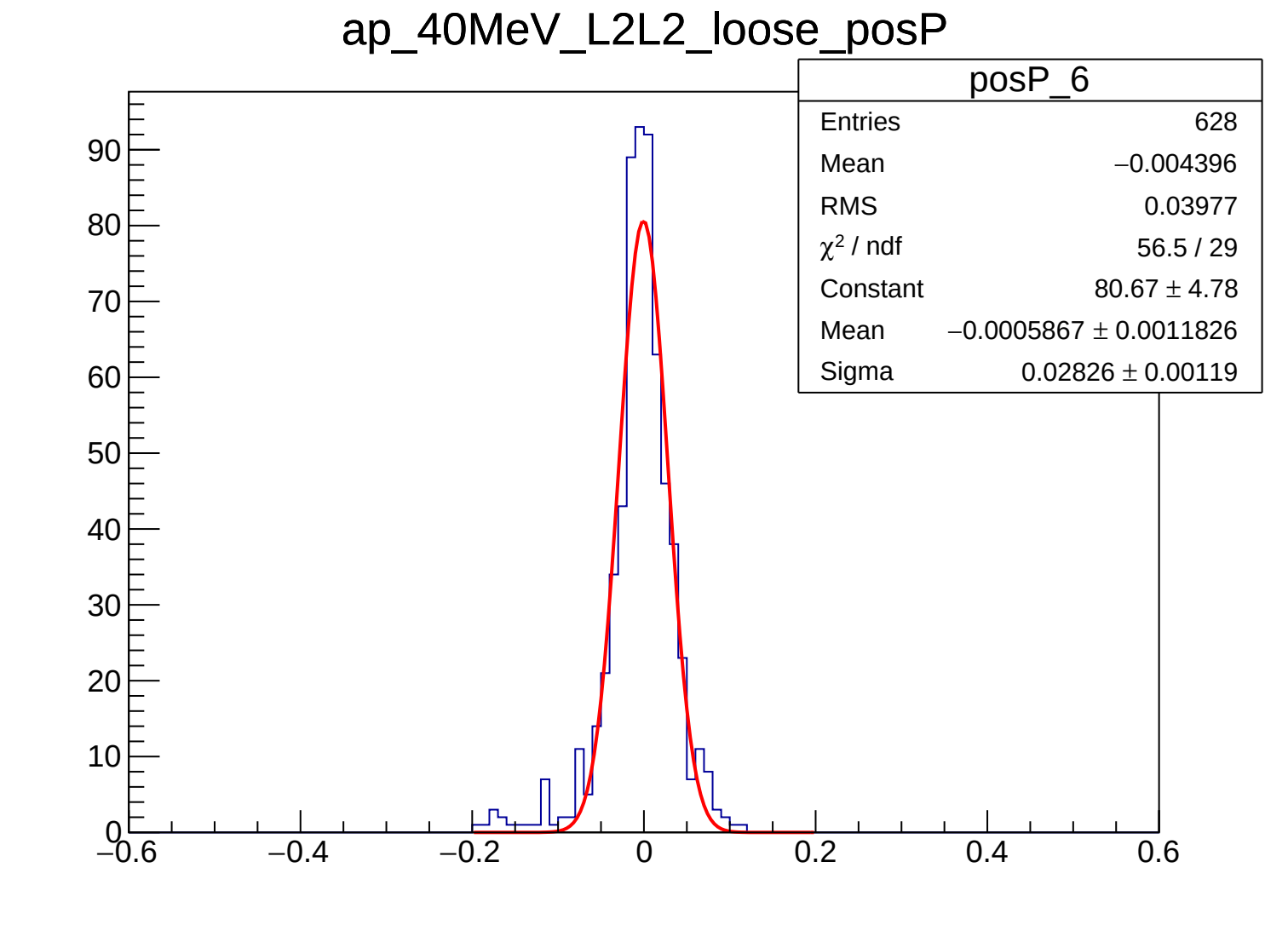

ap_40MeV_L1L1_posP
posP_1
Entries 1769
Mean –0.003216
RMS 0.04332
χ² / ndf 82.17 / 25
Constant 250.3 ± 8.5
Mean –0.002214 ± 0.000656
Sigma 0.02674 ± 0.00063
300
250
200
150
100
50
0
–0.6
–0.4
–0.2
0
0.2
0.4
0.6

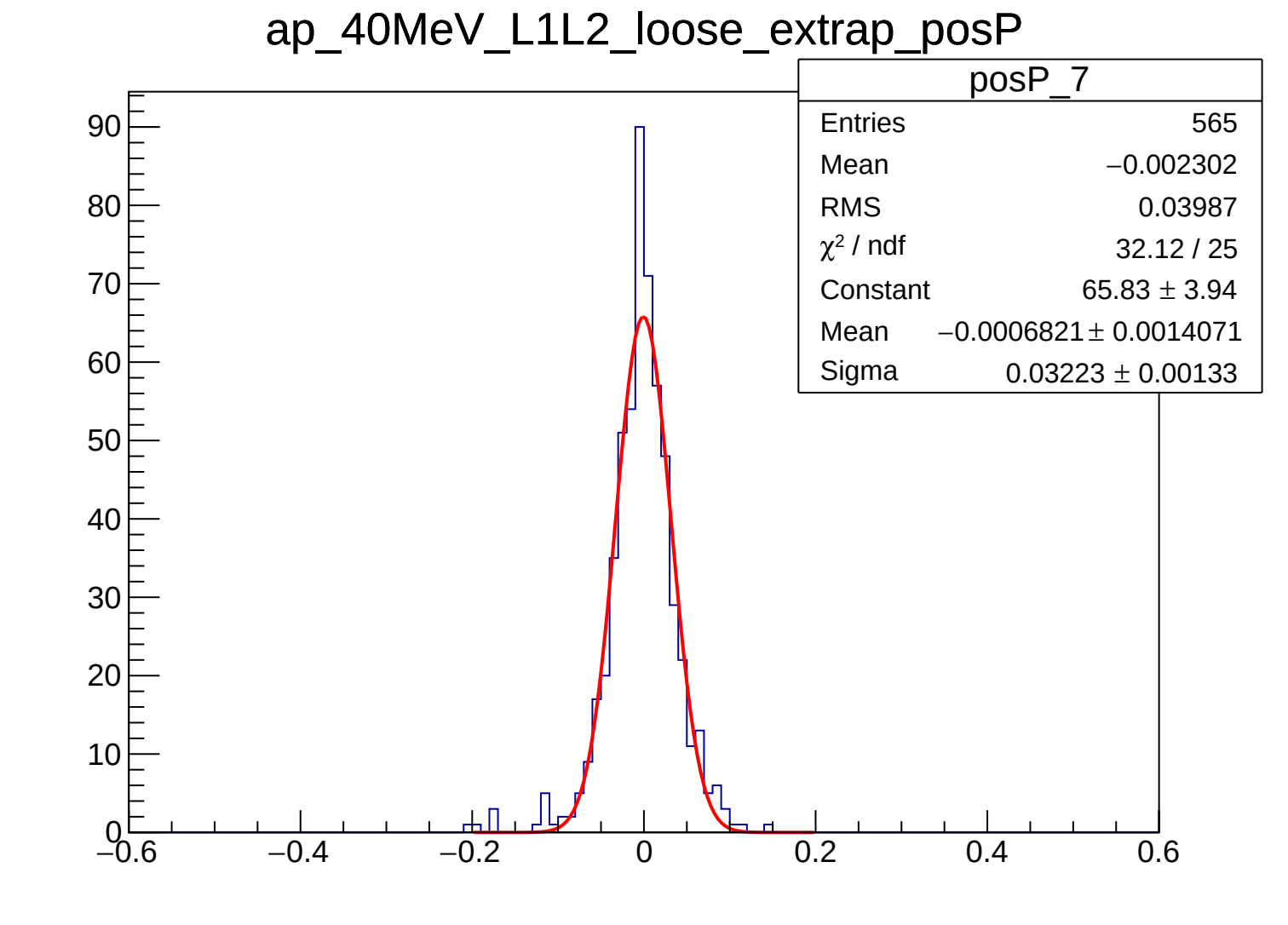

ap_40MeV_L1L2_posP
posP_2
Entries 407
Mean –0.001907
RMS 0.0341
χ² / ndf 22.55 / 19
Constant 51.23 ± 3.43
Mean –0.001454 ± 0.001538
Sigma 0.02997 ± 0.00132
60
50
40
30
20
10
0
–0.6
–0.4
–0.2
0
0.2
0.4
0.6

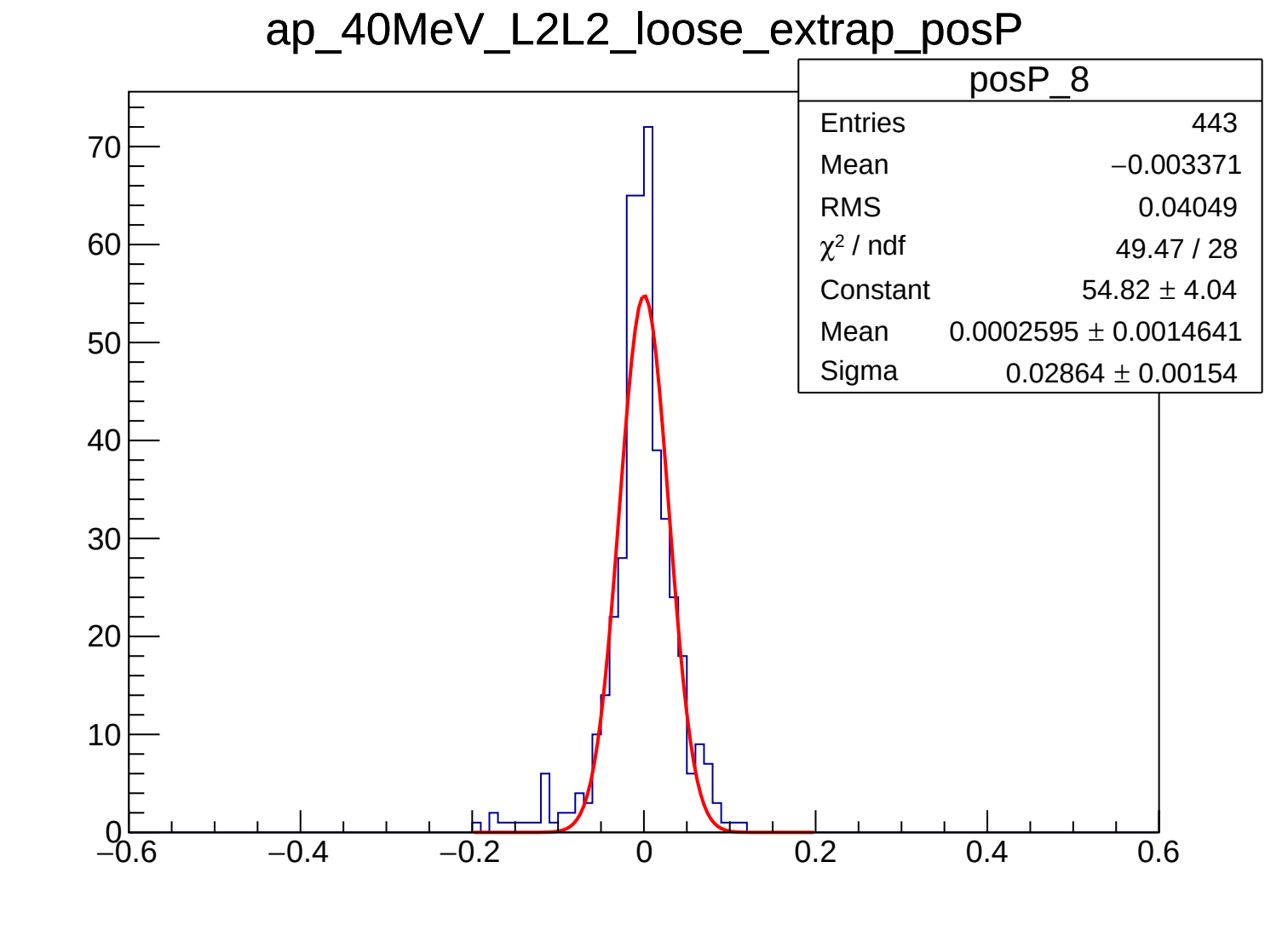

ap_40MeV_L2L2_posP
posP_3
Entries 304
Mean –9.939e–05
RMS 0.03565
χ² / ndf 29.77 / 20
Constant 39.92 ± 3.36
Mean 0.002118 ± 0.001794
Sigma 0.02745 ± 0.00163
50
40
30
20
10
0
–0.6
–0.4
–0.2
0
0.2
0.4
0.6


ap_40MeV_L1L1_loose_posP
posP_4
Entries 2324
Mean −0.002951
RMS 0.04432
χ² / ndf 113.3 / 29
Constant 313.1 ± 9.4
Mean −0.002269 ± 0.000598
Sigma 0.028 ± 0.001
350
300
250
200
150
100
50
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6


ap_40MeV_L1L2_loose_posP
posP_5
Entries 990
Mean –0.002603
RMS 0.03863
χ² / ndf 45.44 / 27
Constant 116.2 ± 5.1
Mean –0.001879 ± 0.001056
Sigma 0.03239 ± 0.00094
140
120
100
80
60
40
20
0
–0.6
–0.4
–0.2
0
0.2
0.4
0.6


ap_40MeV_L2L2_loose_posP
posP_6
Entries 628
Mean −0.004396
RMS 0.03977
χ² / ndf 56.5 / 29
Constant 80.67 ± 4.78
Mean −0.0005867 ± 0.0011826
Sigma 0.02826 ± 0.00119
90
80
70
60
50
40
30
20
10
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6


ap_40MeV_L1L2_loose_extrap_posP
posP_7
Entries 565
Mean −0.002302
RMS 0.03987
χ² / ndf 32.12 / 25
Constant 65.83 ± 3.94
Mean −0.0006821 ± 0.0014071
Sigma 0.03223 ± 0.00133
90
80
70
60
50
40
30
20
10
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6


ap_40MeV_L2L2_loose_extrap_posP
posP_8
Entries 443
Mean −0.003371
RMS 0.04049
χ² / ndf 49.47 / 28
Constant 54.82 ± 4.04
Mean 0.0002595 ± 0.0014641
Sigma 0.02864 ± 0.00154
70
60
50
40
30
20
10
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6