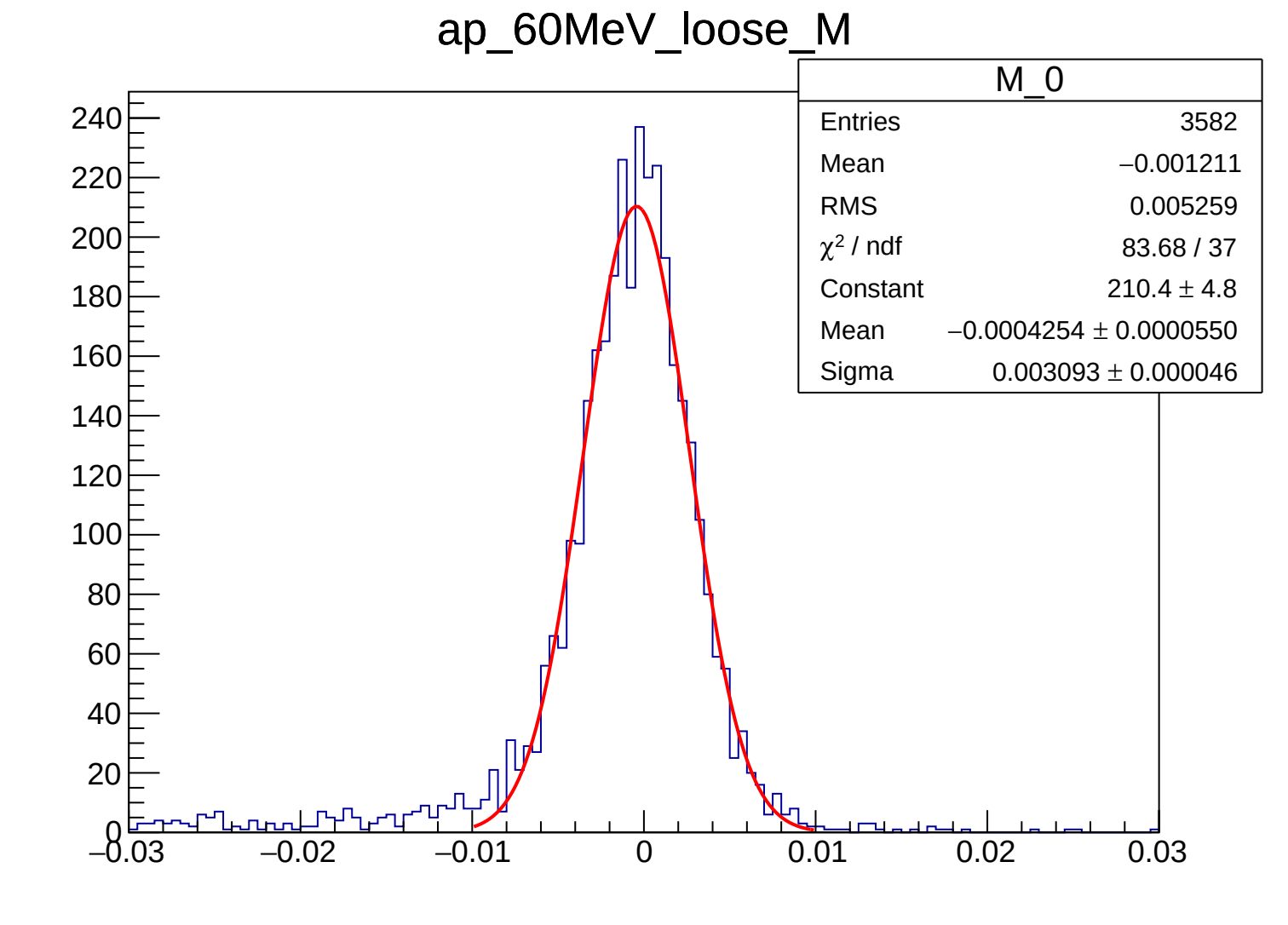
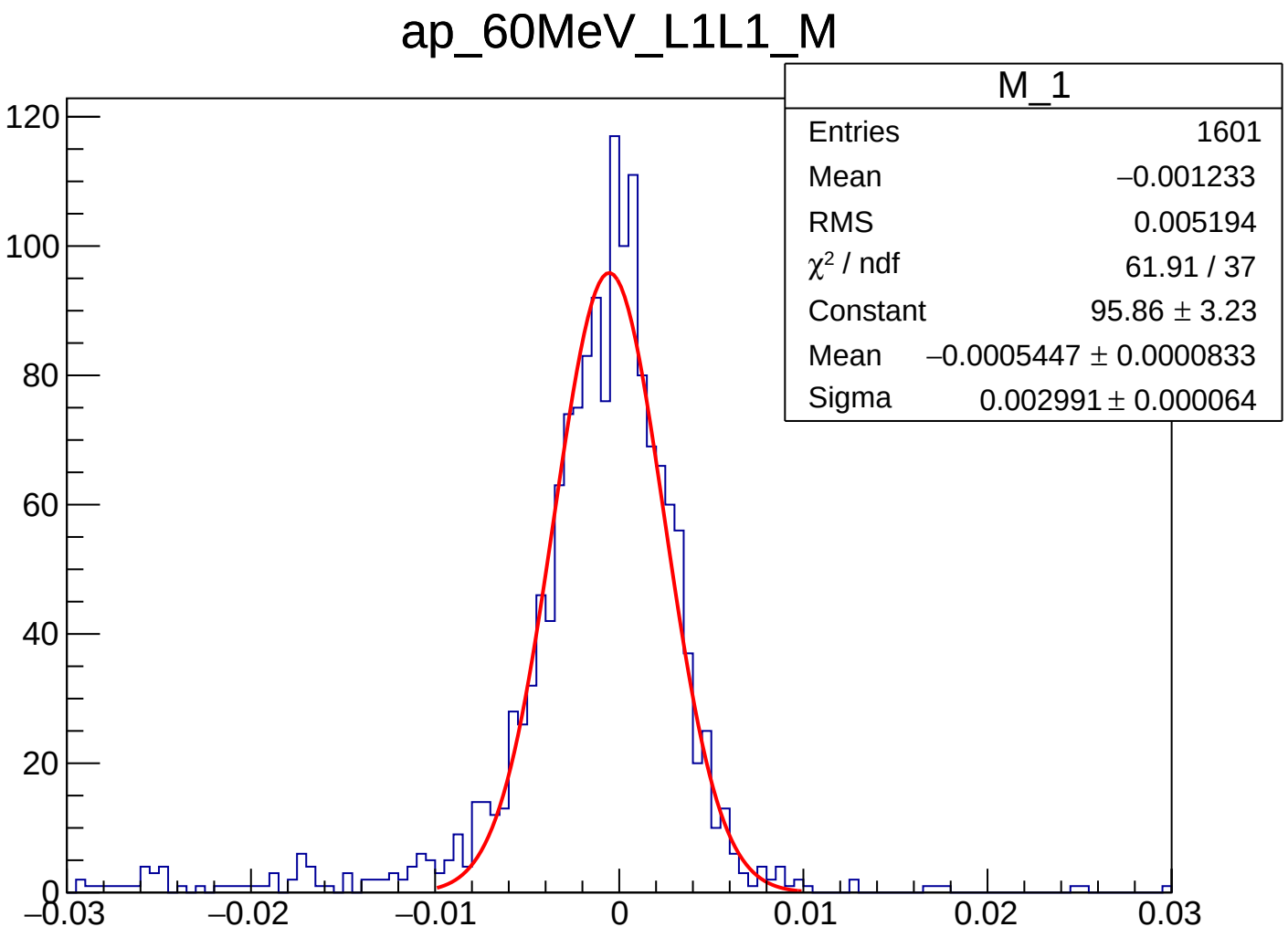
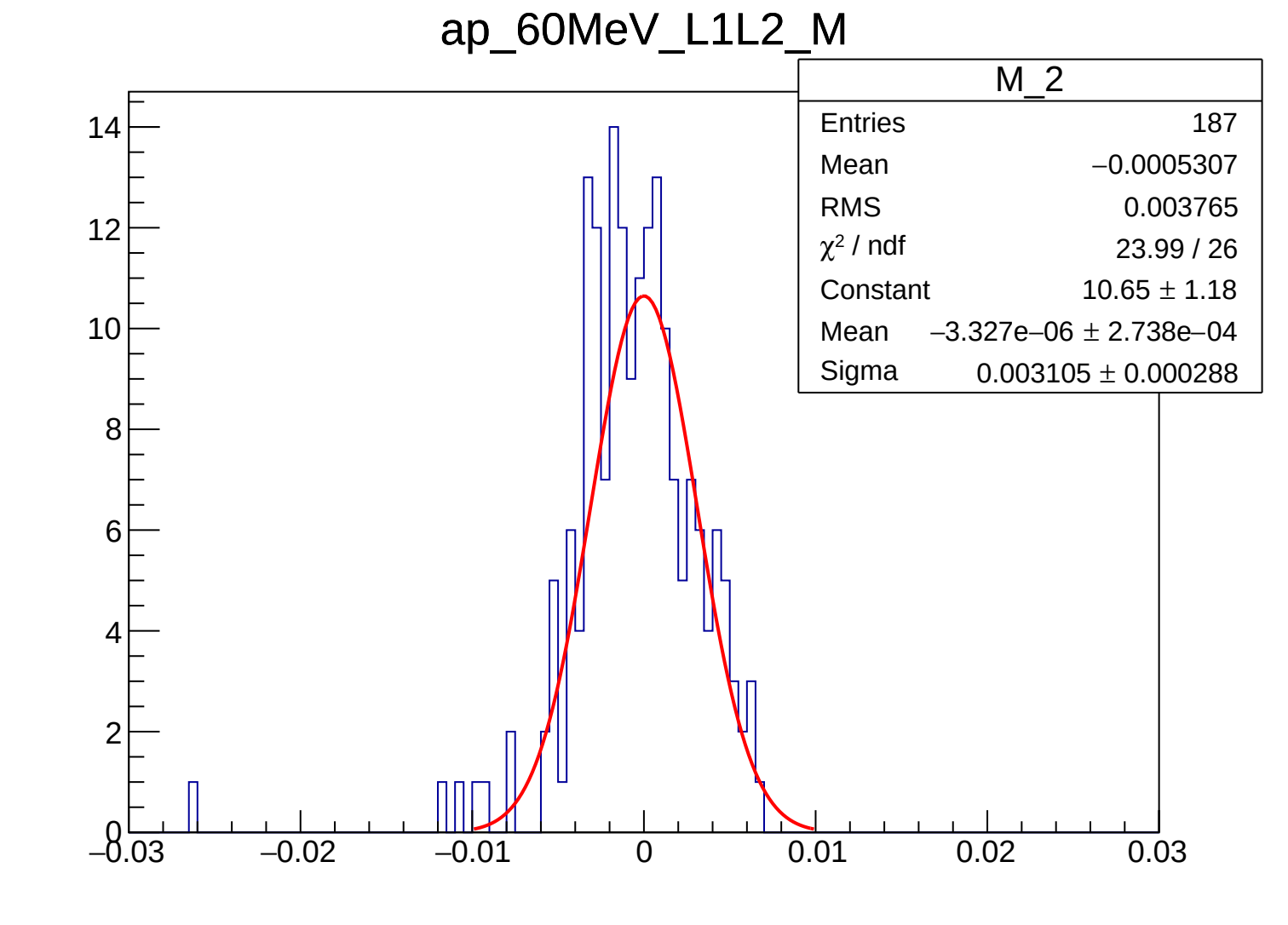
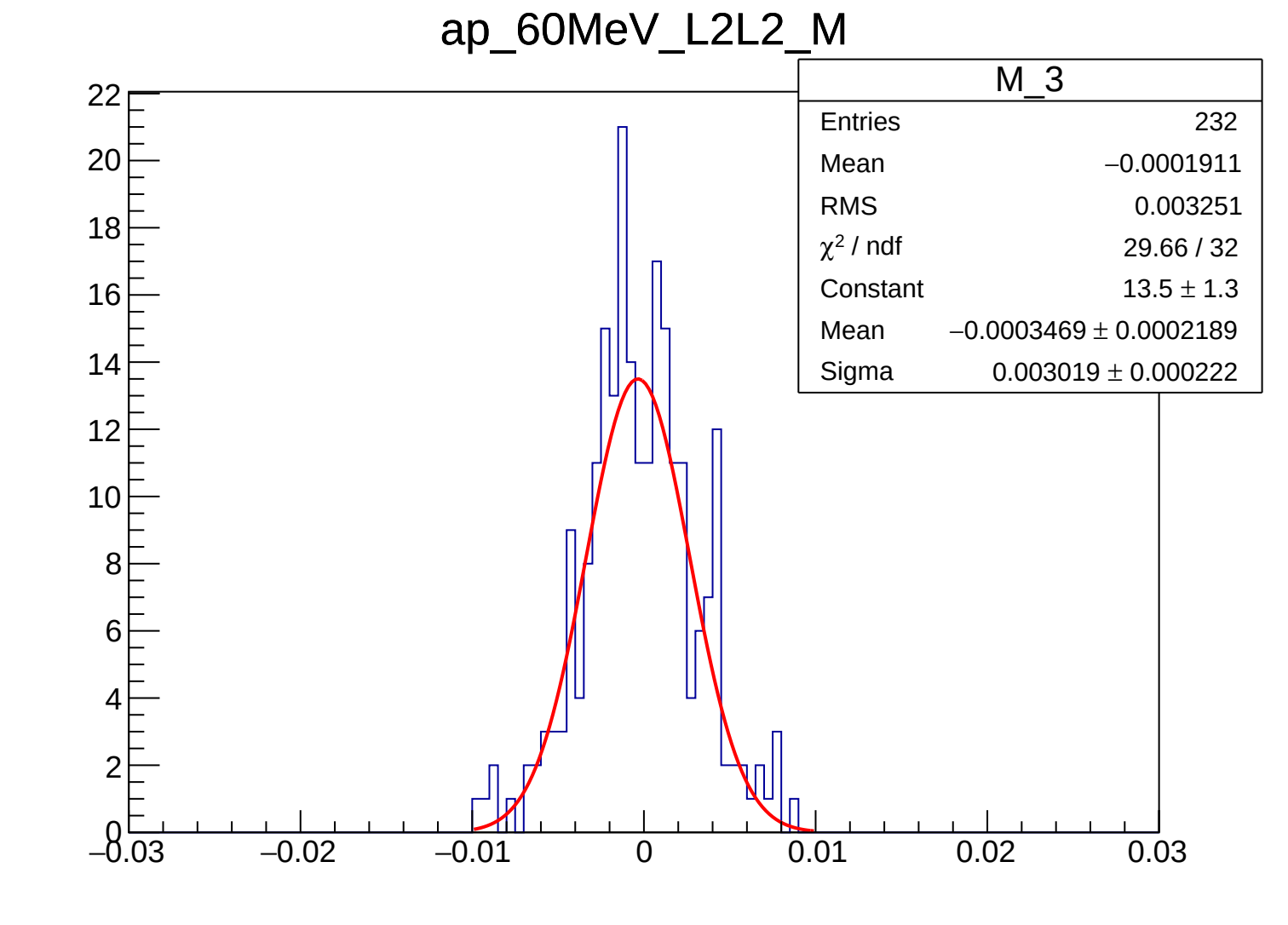
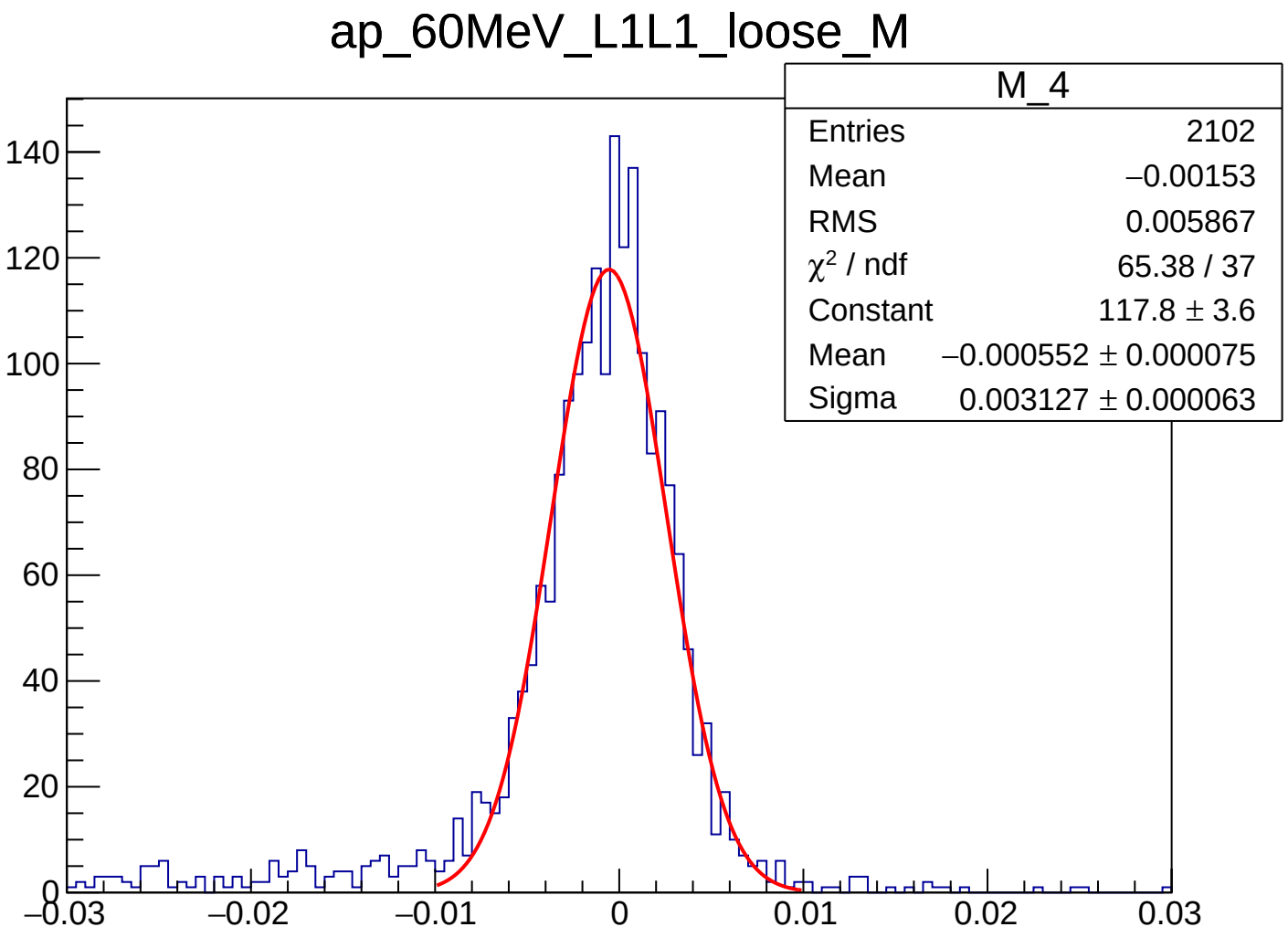
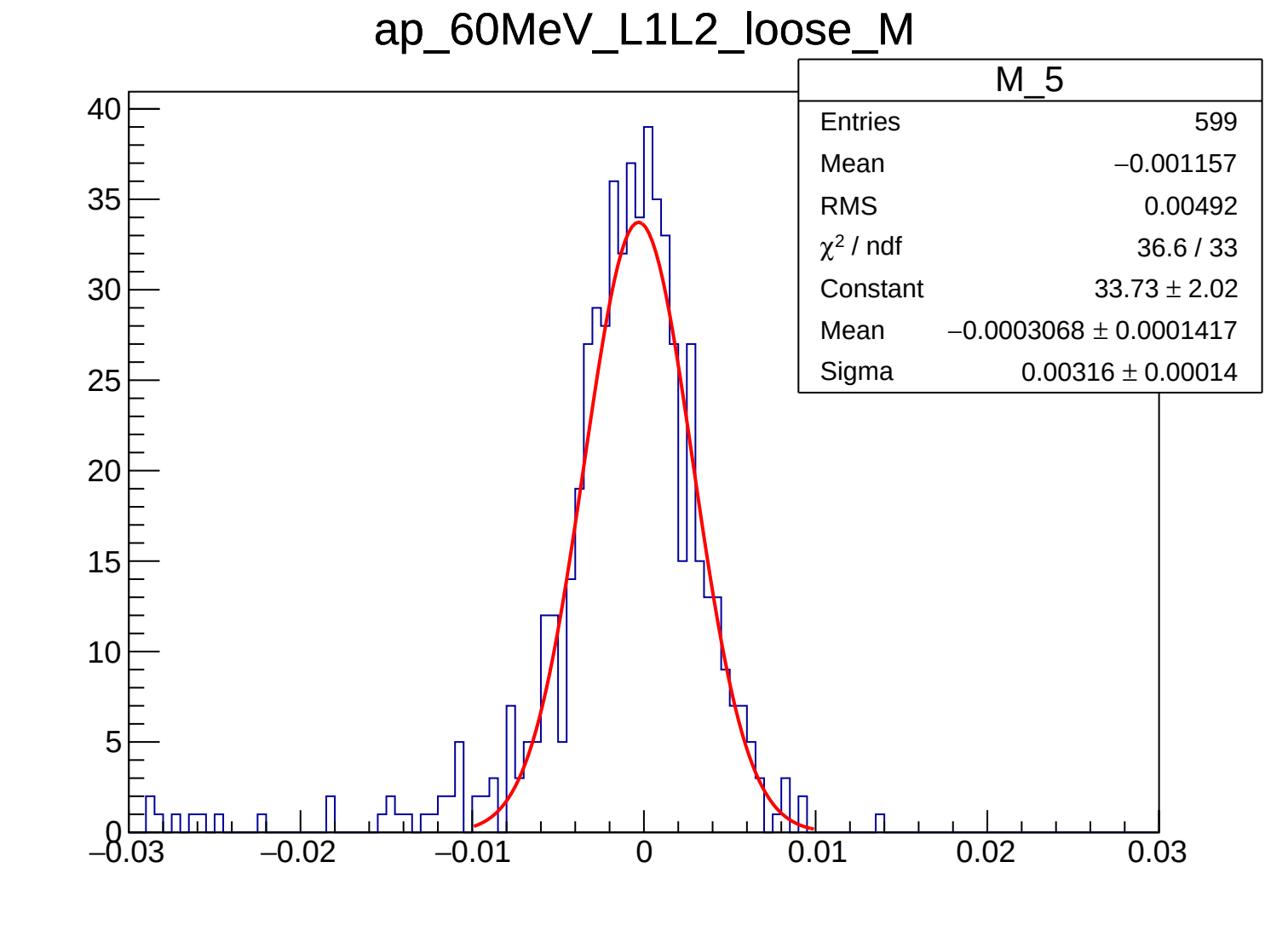

ap_60MeV_loose_M
M_0
Entries 3582
Mean −0.001211
RMS 0.005259
χ² / ndf 83.68 / 37
Constant 210.4 ± 4.8
Mean −0.0004254 ± 0.0000550
Sigma 0.003093 ± 0.000046
240
220
200
180
160
140
120
100
80
60
40
20
0
−0.03
−0.02
−0.01
0
0.01
0.02
0.03

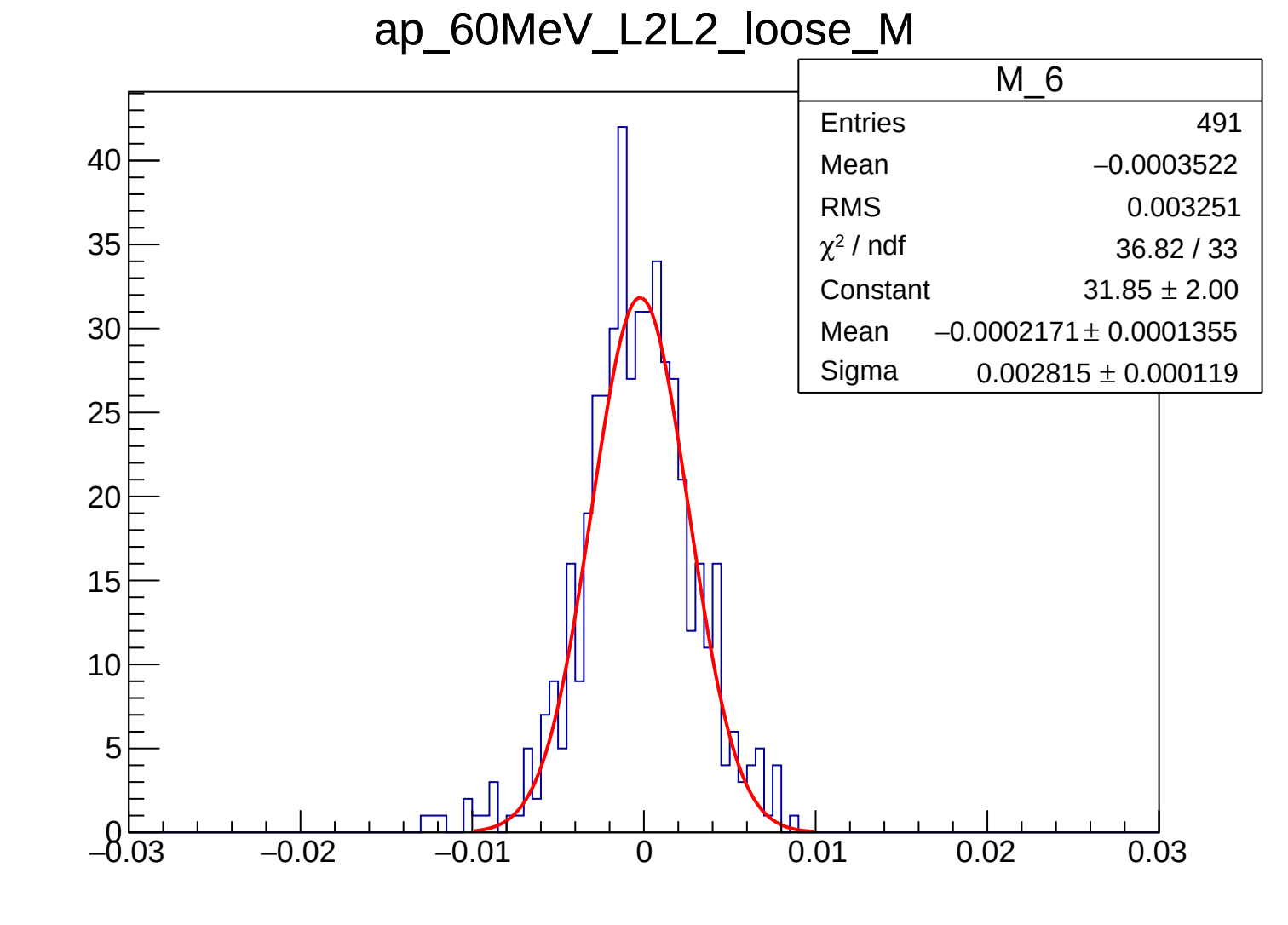

ap_60MeV_L1L1_M
M_1
Entries 1601
Mean –0.001233
RMS 0.005194
χ² / ndf 61.91 / 37
Constant 95.86 ± 3.23
Mean –0.0005447 ± 0.0000833
Sigma 0.002991 ± 0.000064
120
100
80
60
40
20
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03

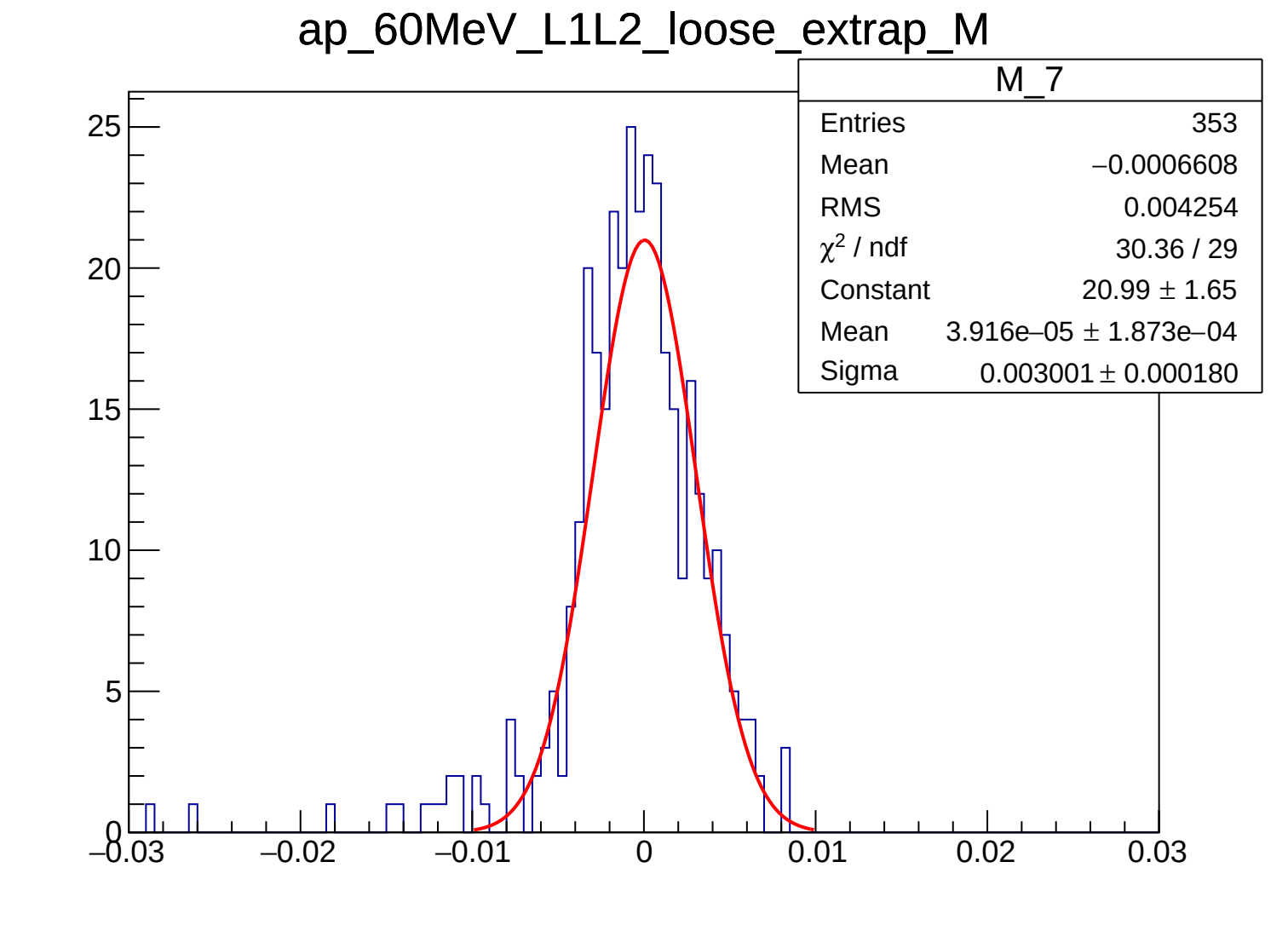

ap_60MeV_L1L2_M
M_2
Entries 187
Mean –0.0005307
RMS 0.003765
χ² / ndf 23.99 / 26
Constant 10.65 ± 1.18
Mean –3.327e–06 ± 2.738e–04
Sigma 0.003105 ± 0.000288
14
12
10
8
6
4
2
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03

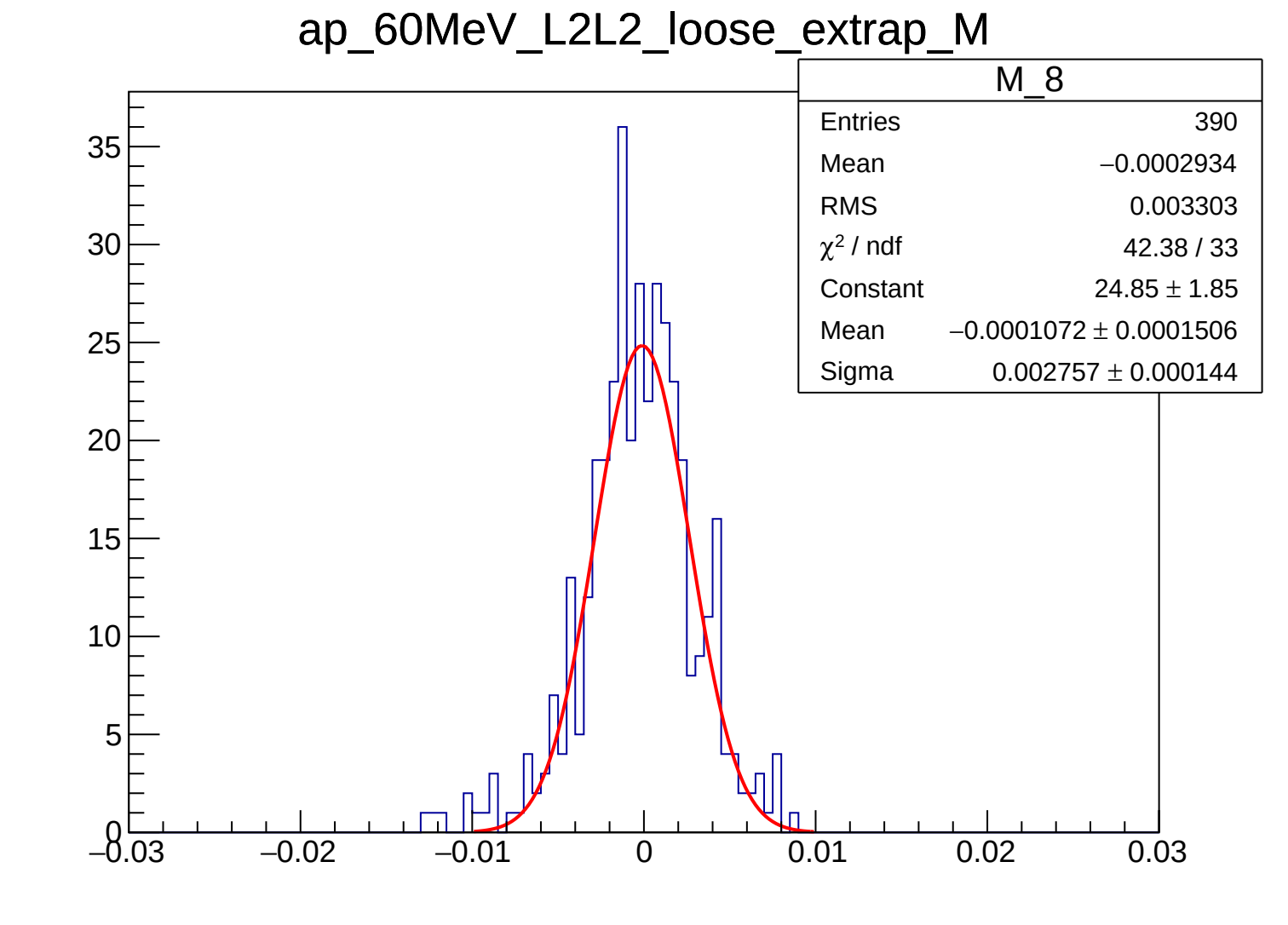

ap_60MeV_L2L2_M
M_3
Entries 232
Mean −0.0001911
RMS 0.003251
χ² / ndf 29.66 / 32
Constant 13.5 ± 1.3
Mean −0.0003469 ± 0.0002189
Sigma 0.003019 ± 0.000222
22
20
18
16
14
12
10
8
6
4
2
0
−0.03
−0.02
−0.01
0
0.01
0.02
0.03


ap_60MeV_L1L1_loose_M
M_4
Entries 2102
Mean –0.00153
RMS 0.005867
χ² / ndf 65.38 / 37
Constant 117.8 ± 3.6
Mean –0.000552 ± 0.000075
Sigma 0.003127 ± 0.000063
140
120
100
80
60
40
20
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03


ap_60MeV_L1L2_loose_M
M_5
Entries 599
Mean –0.001157
RMS 0.00492
χ² / ndf 36.6 / 33
Constant 33.73 ± 2.02
Mean –0.0003068 ± 0.0001417
Sigma 0.00316 ± 0.00014
40
35
30
25
20
15
10
5
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03


ap_60MeV_L2L2_loose_M
M_6
Entries 491
Mean –0.0003522
RMS 0.003251
χ² / ndf 36.82 / 33
Constant 31.85 ± 2.00
Mean –0.0002171 ± 0.0001355
Sigma 0.002815 ± 0.000119
40
35
30
25
20
15
10
5
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03


ap_60MeV_L1L2_loose_extrap_M
M_7
Entries 353
Mean –0.0006608
RMS 0.004254
χ² / ndf 30.36 / 29
Constant 20.99 ± 1.65
Mean 3.916e–05 ± 1.873e–04
Sigma 0.003001 ± 0.000180
25
20
15
10
5
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03


ap_60MeV_L2L2_loose_extrap_M
M_8
Entries 390
Mean −0.0002934
RMS 0.003303
χ² / ndf 42.38 / 33
Constant 24.85 ± 1.85
Mean −0.0001072 ± 0.0001506
Sigma 0.002757 ± 0.000144
35
30
25
20
15
10
5
0
−0.03
−0.02
−0.01
0
0.01
0.02
0.03