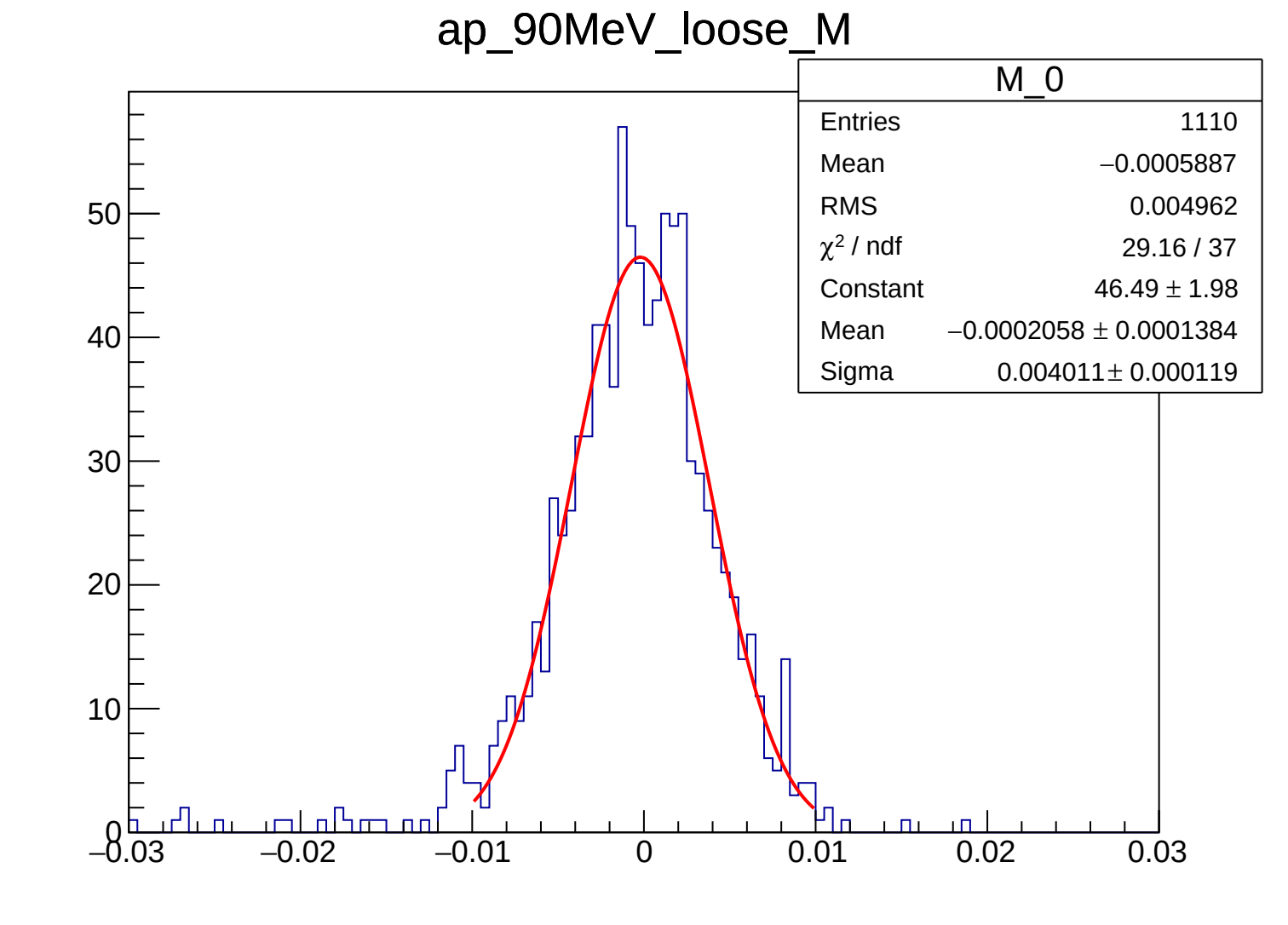
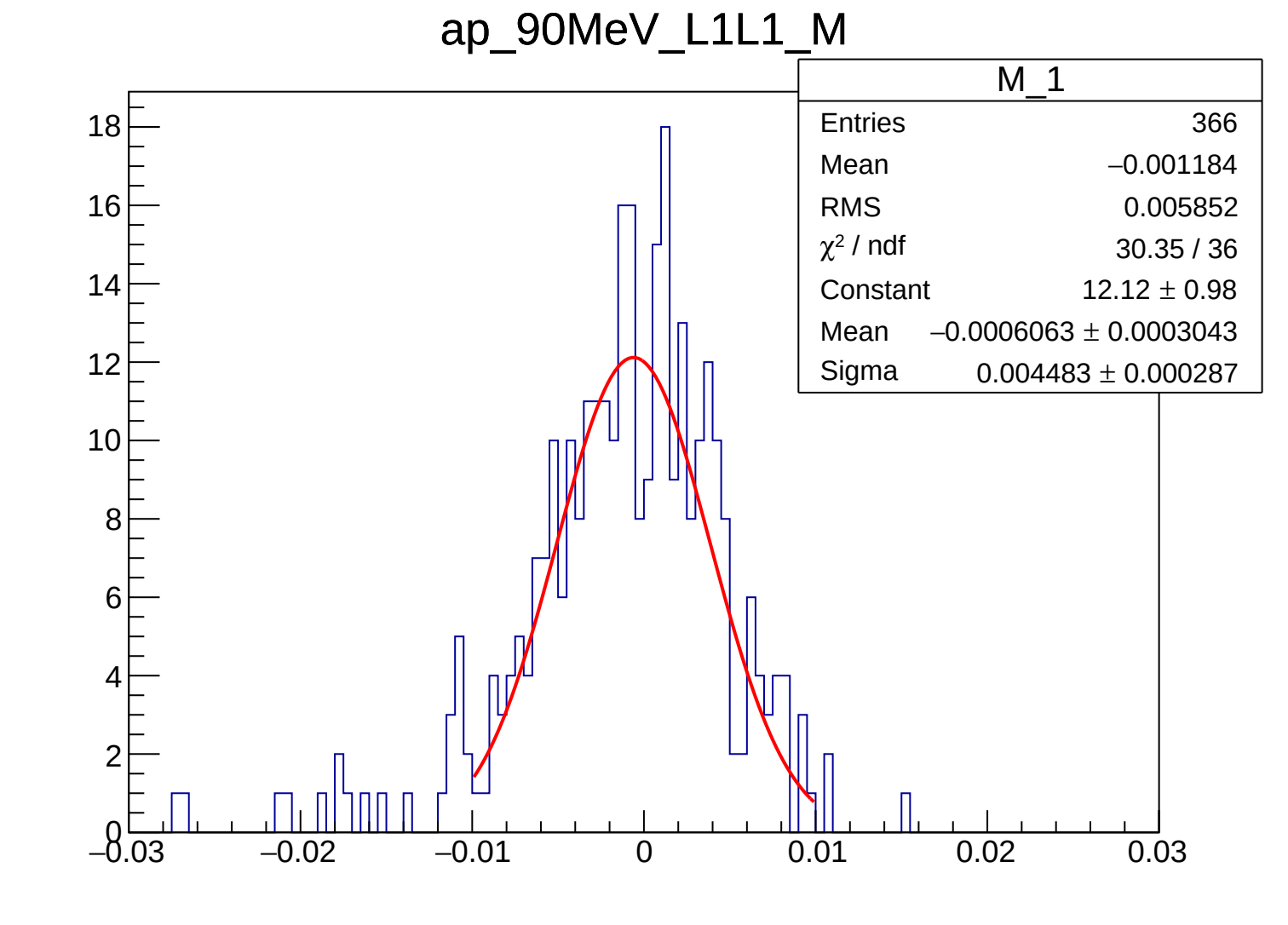
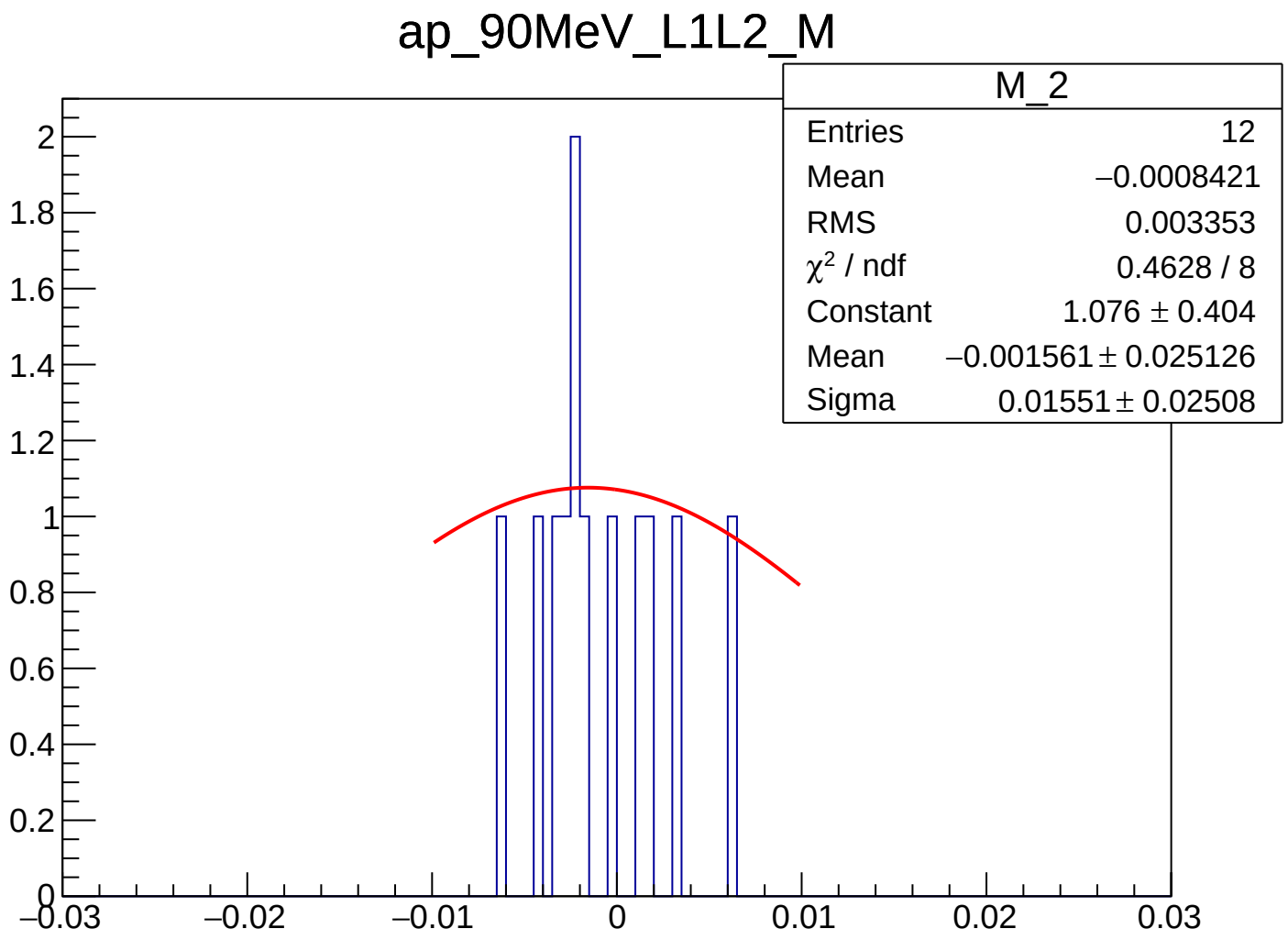
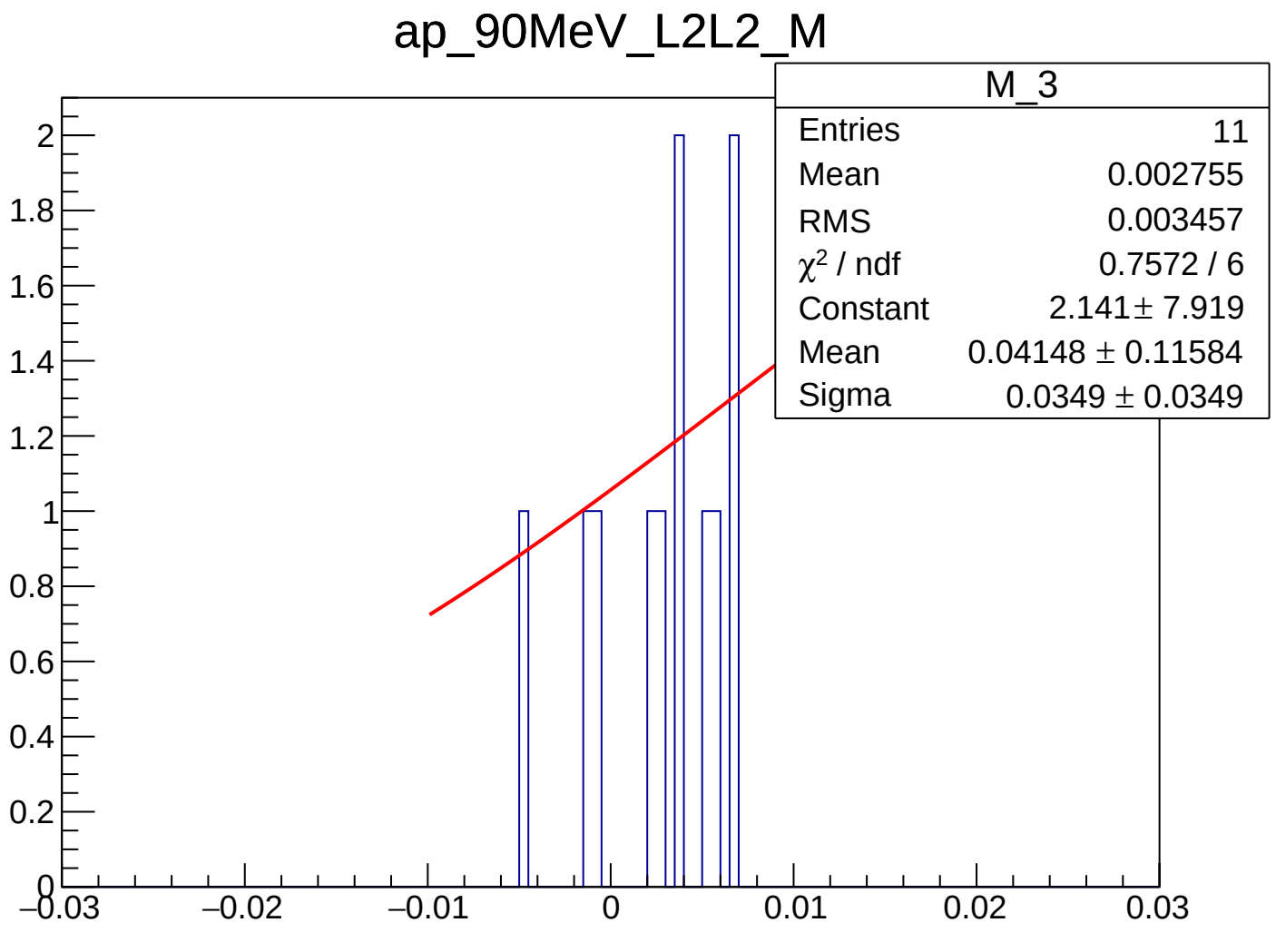
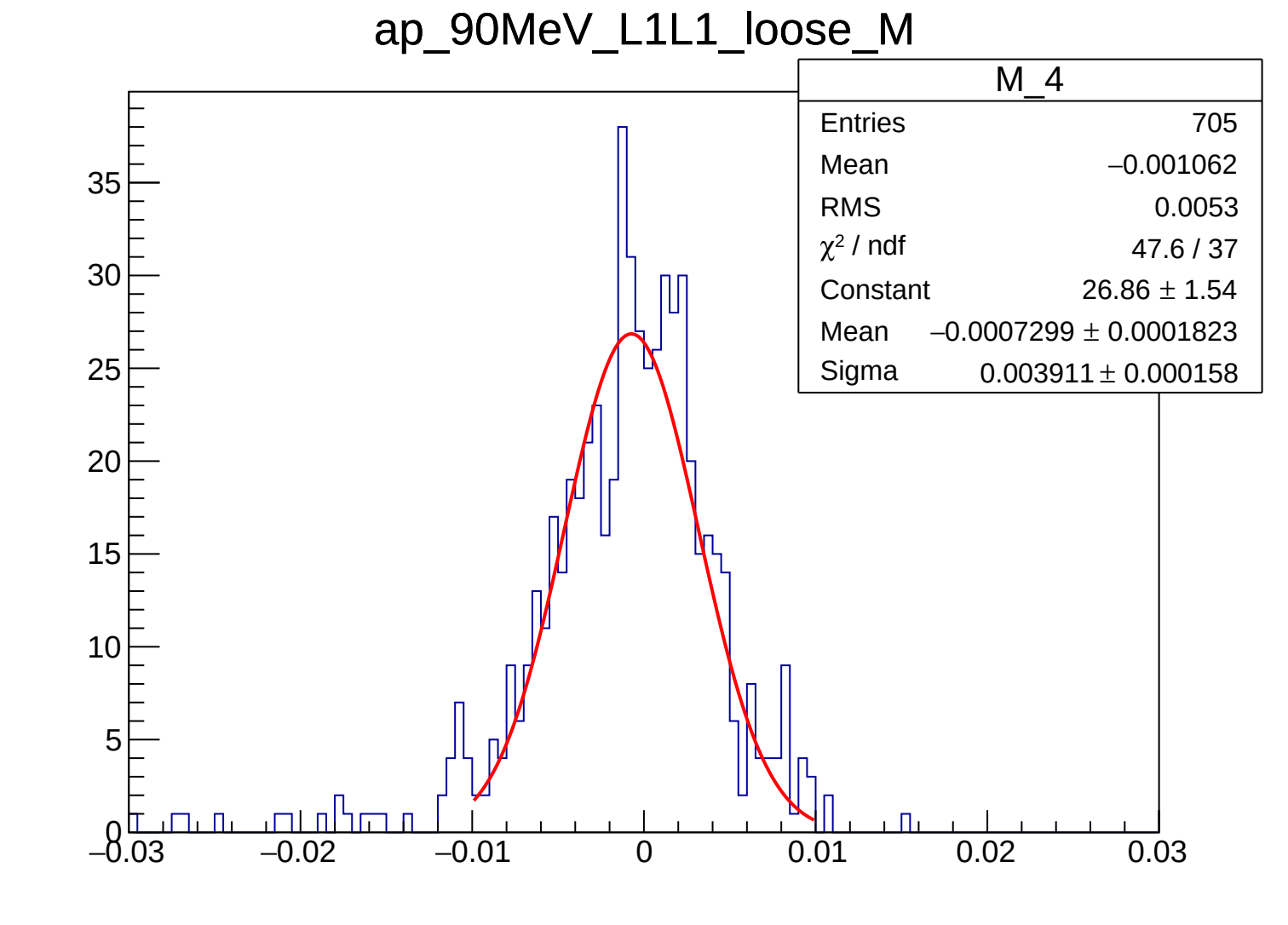
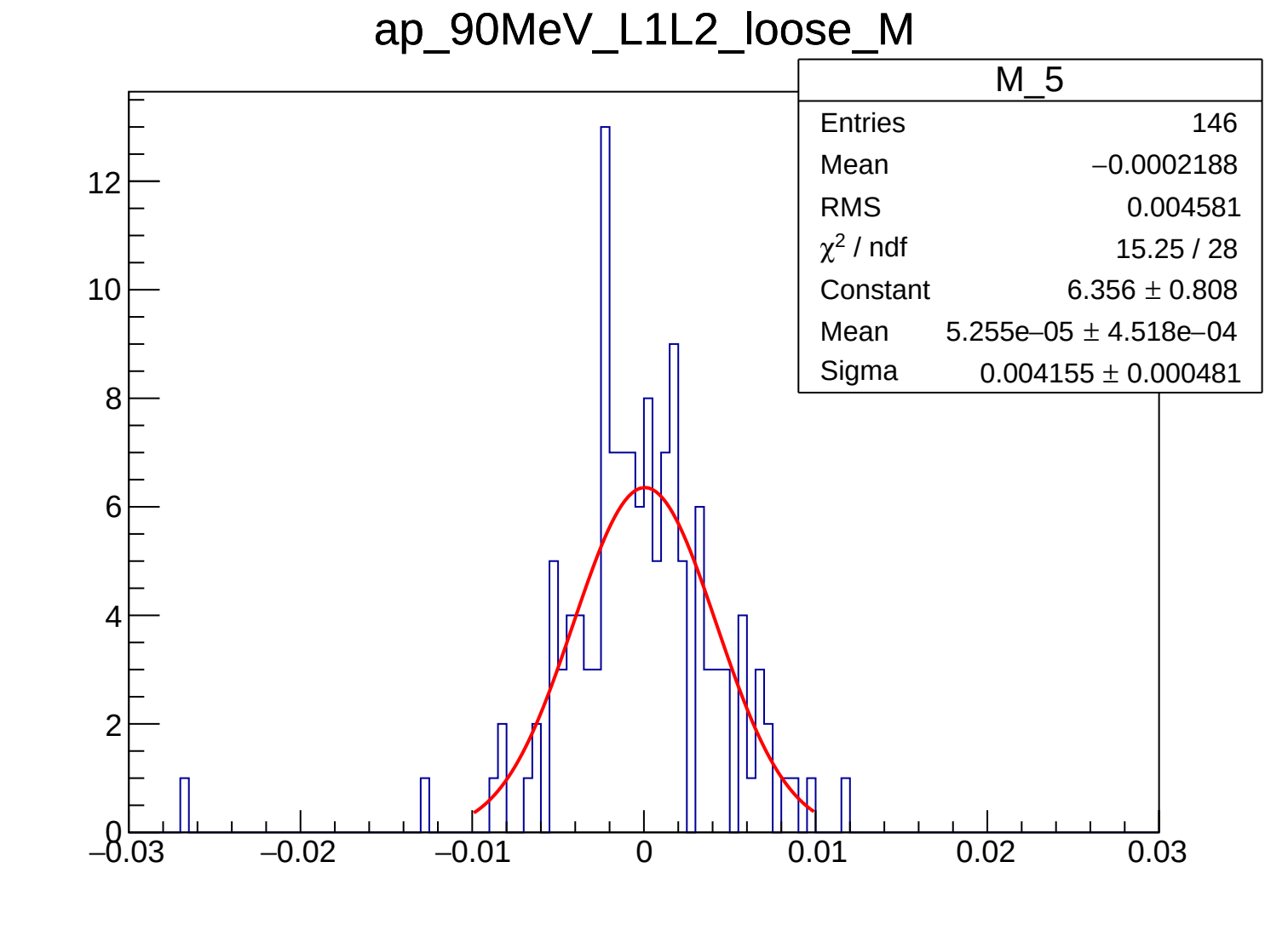

ap_90MeV_loose_M
M_0
Entries 1110
Mean −0.0005887
RMS 0.004962
χ² / ndf 29.16 / 37
Constant 46.49 ± 1.98
Mean −0.0002058 ± 0.0001384
Sigma 0.004011 ± 0.000119
50
40
30
20
10
0
−0.03
−0.02
−0.01
0
0.01
0.02
0.03

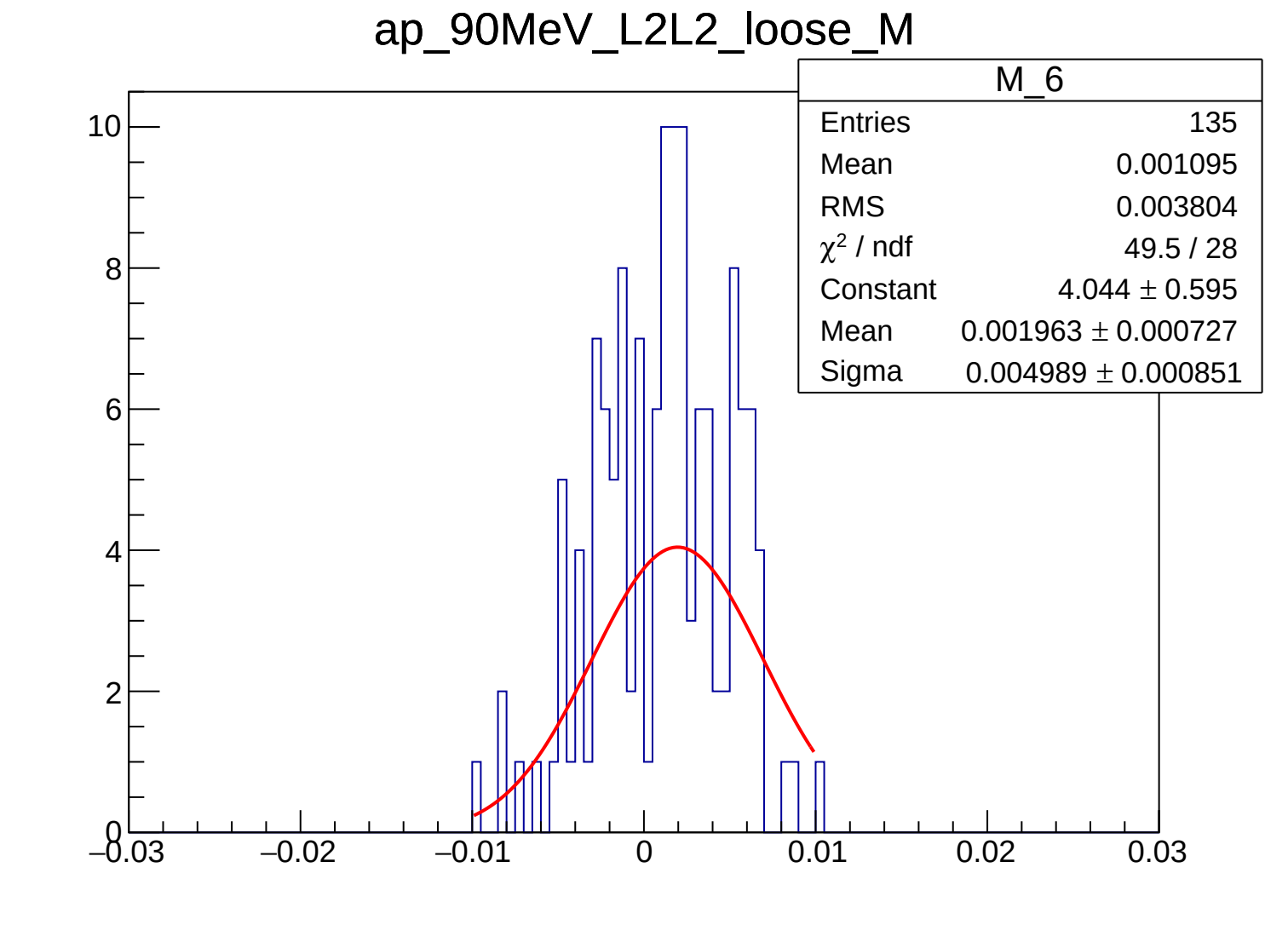

ap_90MeV_L1L1_M
M_1
Entries 366
Mean –0.001184
RMS 0.005852
χ² / ndf 30.35 / 36
Constant 12.12 ± 0.98
Mean –0.0006063 ± 0.0003043
Sigma 0.004483 ± 0.000287
18
16
14
12
10
8
6
4
2
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03

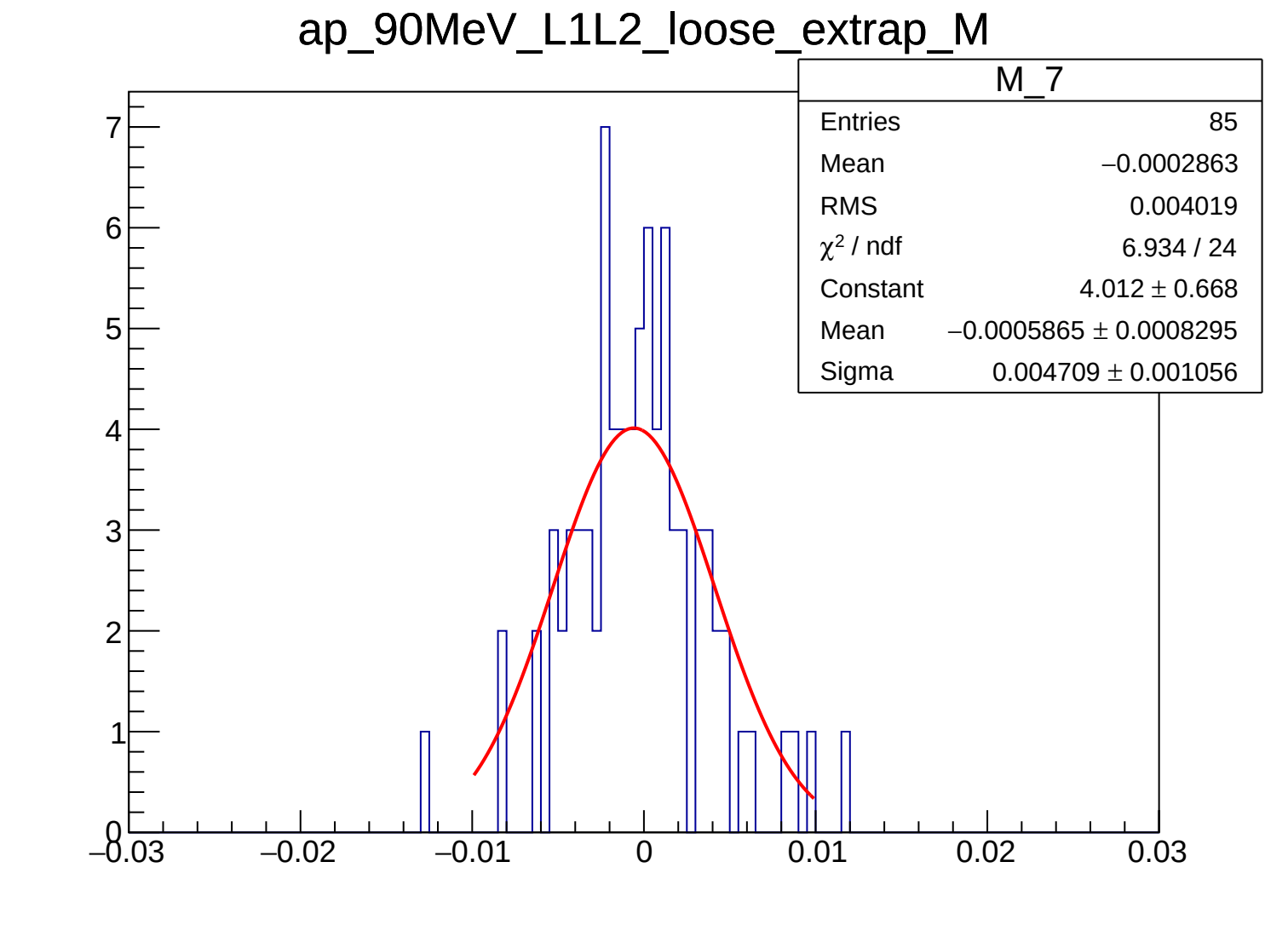

ap_90MeV_L1L2_M
M_2
Entries 12
Mean –0.0008421
RMS 0.003353
χ² / ndf 0.4628 / 8
Constant 1.076 ± 0.404
Mean –0.001561 ± 0.025126
Sigma 0.01551 ± 0.02508
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03

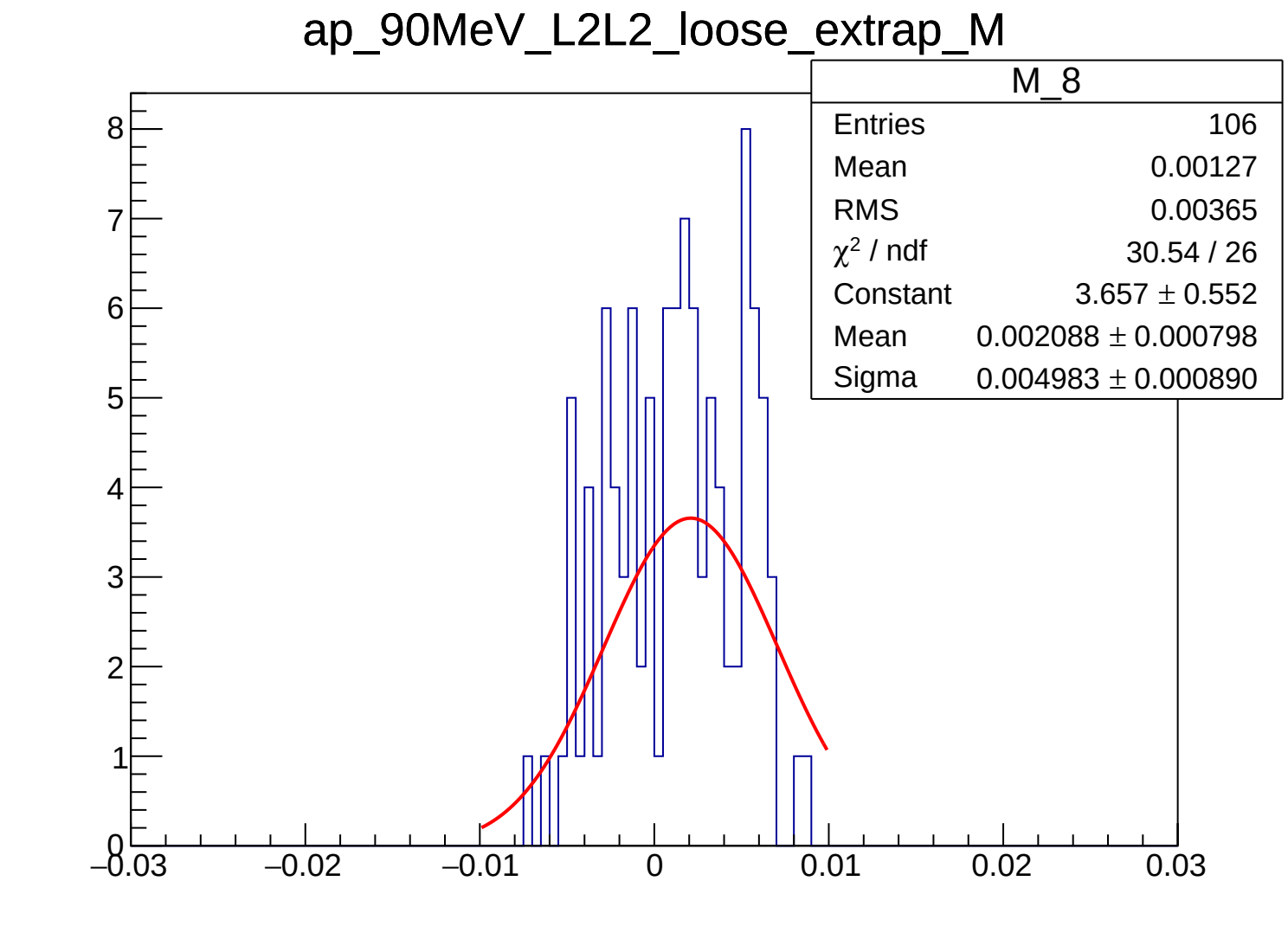

ap_90MeV_L2L2_M
M_3
Entries 11
Mean 0.002755
RMS 0.003457
χ² / ndf 0.7572 / 6
Constant 2.141 ± 7.919
Mean 0.04148 ± 0.11584
Sigma 0.0349 ± 0.0349
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03


ap_90MeV_L1L1_loose_M
M_4
Entries 705
Mean –0.001062
RMS 0.0053
χ² / ndf 47.6 / 37
Constant 26.86 ± 1.54
Mean –0.0007299 ± 0.0001823
Sigma 0.003911 ± 0.000158
35
30
25
20
15
10
5
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03


ap_90MeV_L1L2_loose_M
M_5
Entries 146
Mean −0.0002188
RMS 0.004581
χ2 / ndf 15.25 / 28
Constant 6.356 ± 0.808
Mean 5.255e−05 ± 4.518e−04
Sigma 0.004155 ± 0.000481
0
2
4
6
8
10
12
−0.03
−0.02
−0.01
0
0.01
0.02
0.03


ap_90MeV_L2L2_loose_M
M_6
Entries 135
Mean 0.001095
RMS 0.003804
χ² / ndf 49.5 / 28
Constant 4.044 ± 0.595
Mean 0.001963 ± 0.000727
Sigma 0.004989 ± 0.000851
10
8
6
4
2
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03


ap_90MeV_L1L2_loose_extrap_M
M_7
Entries 85
Mean –0.0002863
RMS 0.004019
χ² / ndf 6.934 / 24
Constant 4.012 ± 0.668
Mean –0.0005865 ± 0.0008295
Sigma 0.004709 ± 0.001056
0
1
2
3
4
5
6
7
–0.03
–0.02
–0.01
0
0.01
0.02
0.03


ap_90MeV_L2L2_loose_extrap_M
M_8
Entries 106
Mean 0.00127
RMS 0.00365
χ² / ndf 30.54 / 26
Constant 3.657 ± 0.552
Mean 0.002088 ± 0.000798
Sigma 0.004983 ± 0.000890
8
7
6
5
4
3
2
1
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03