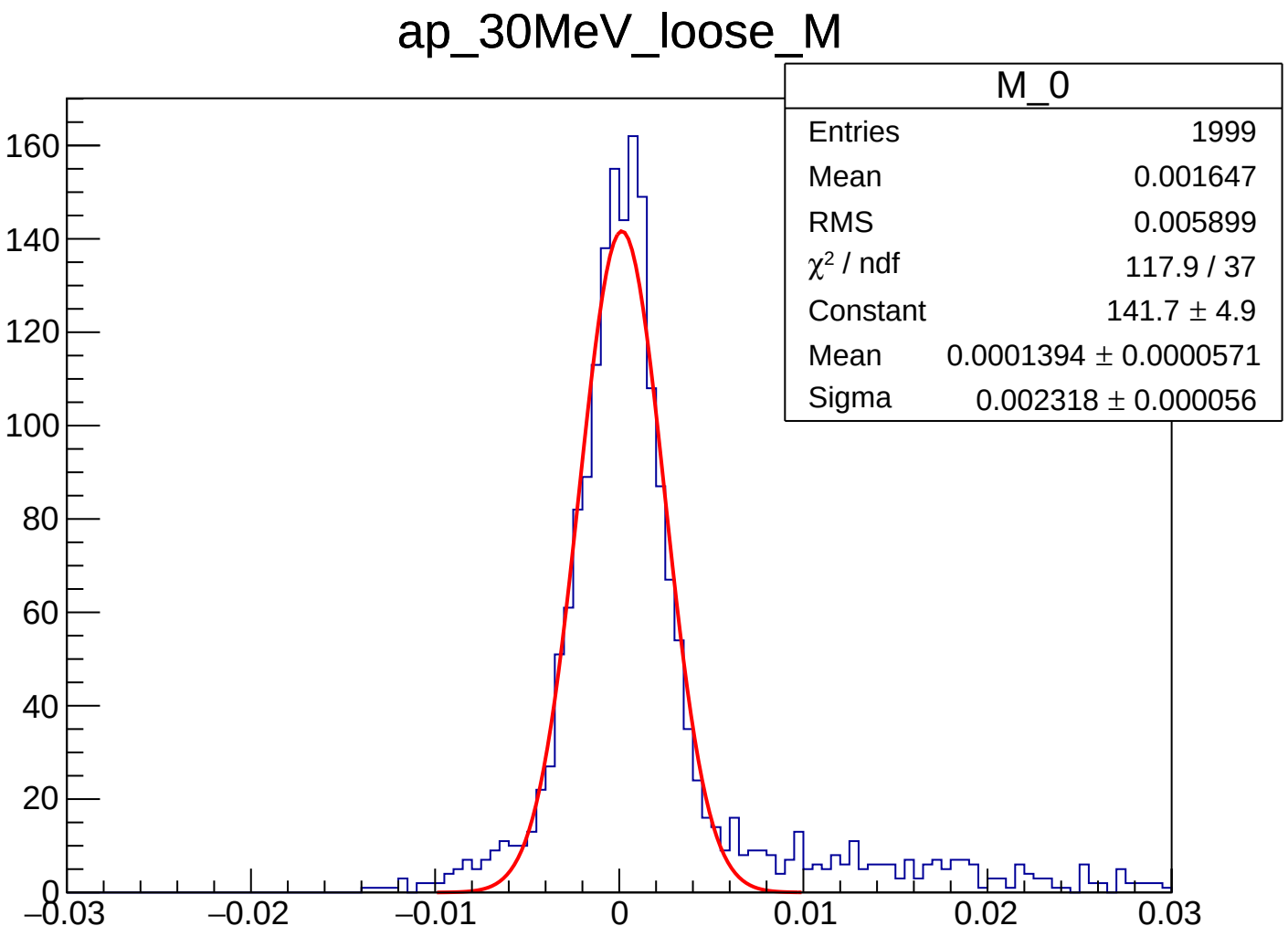
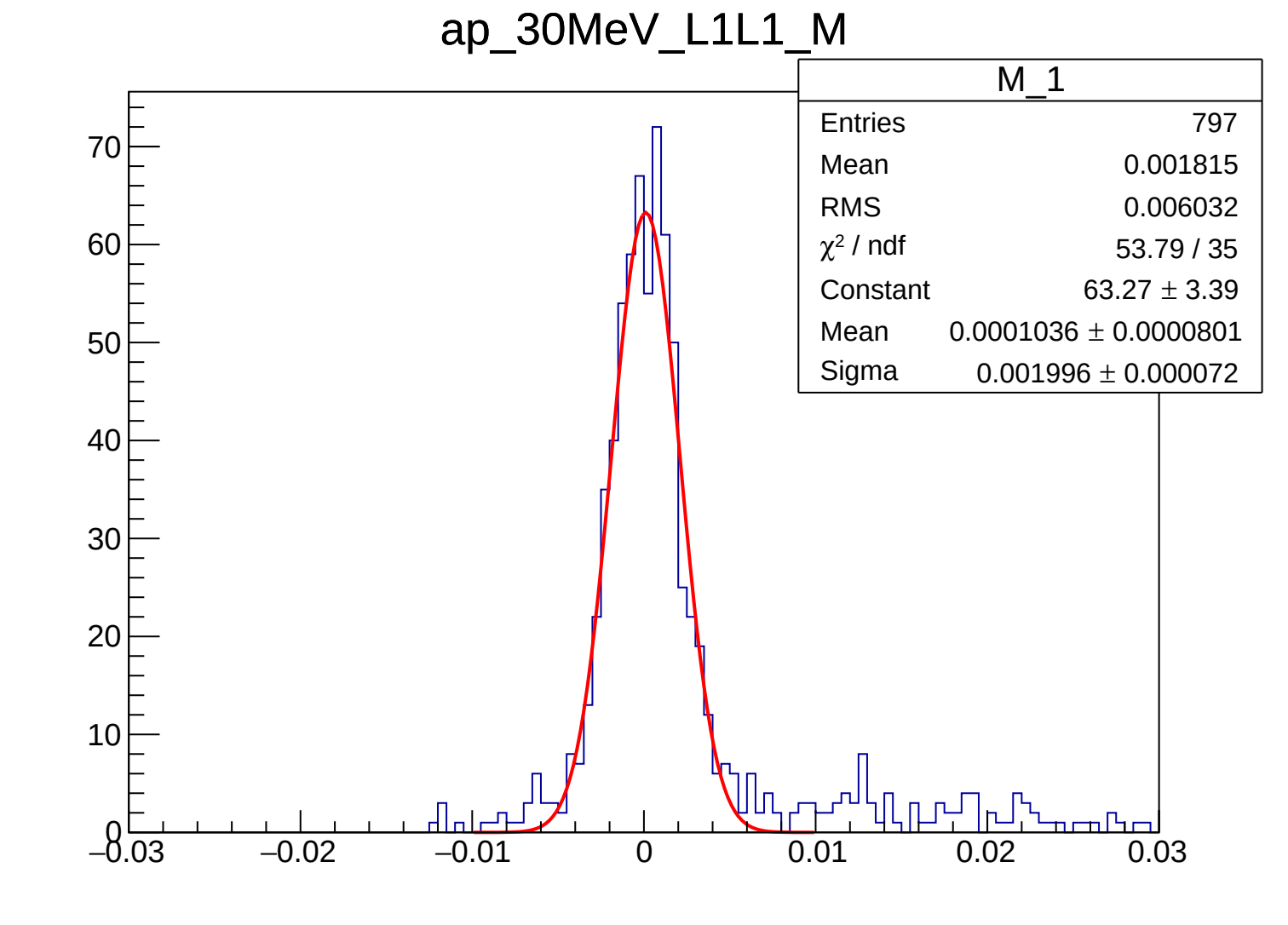
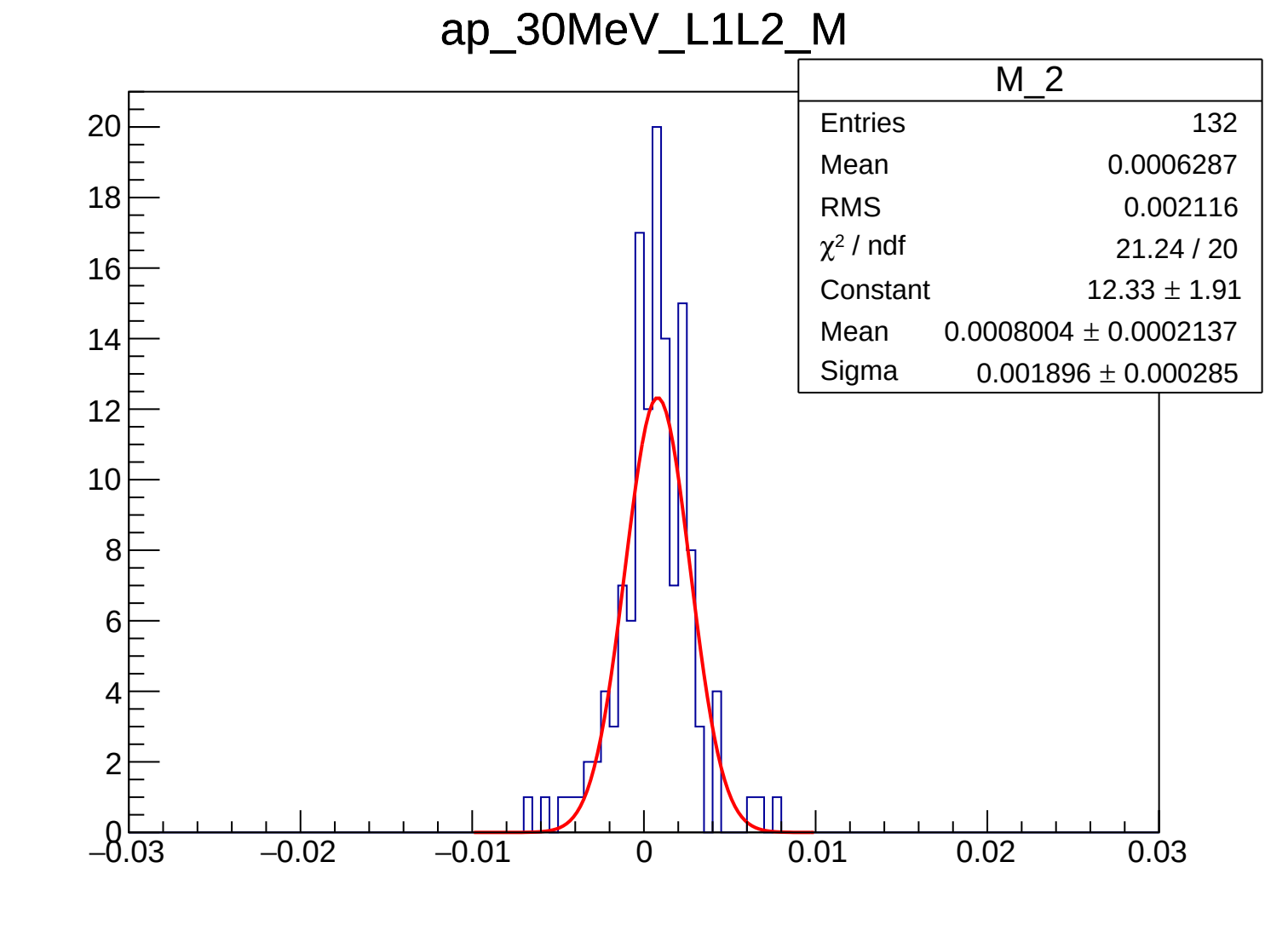
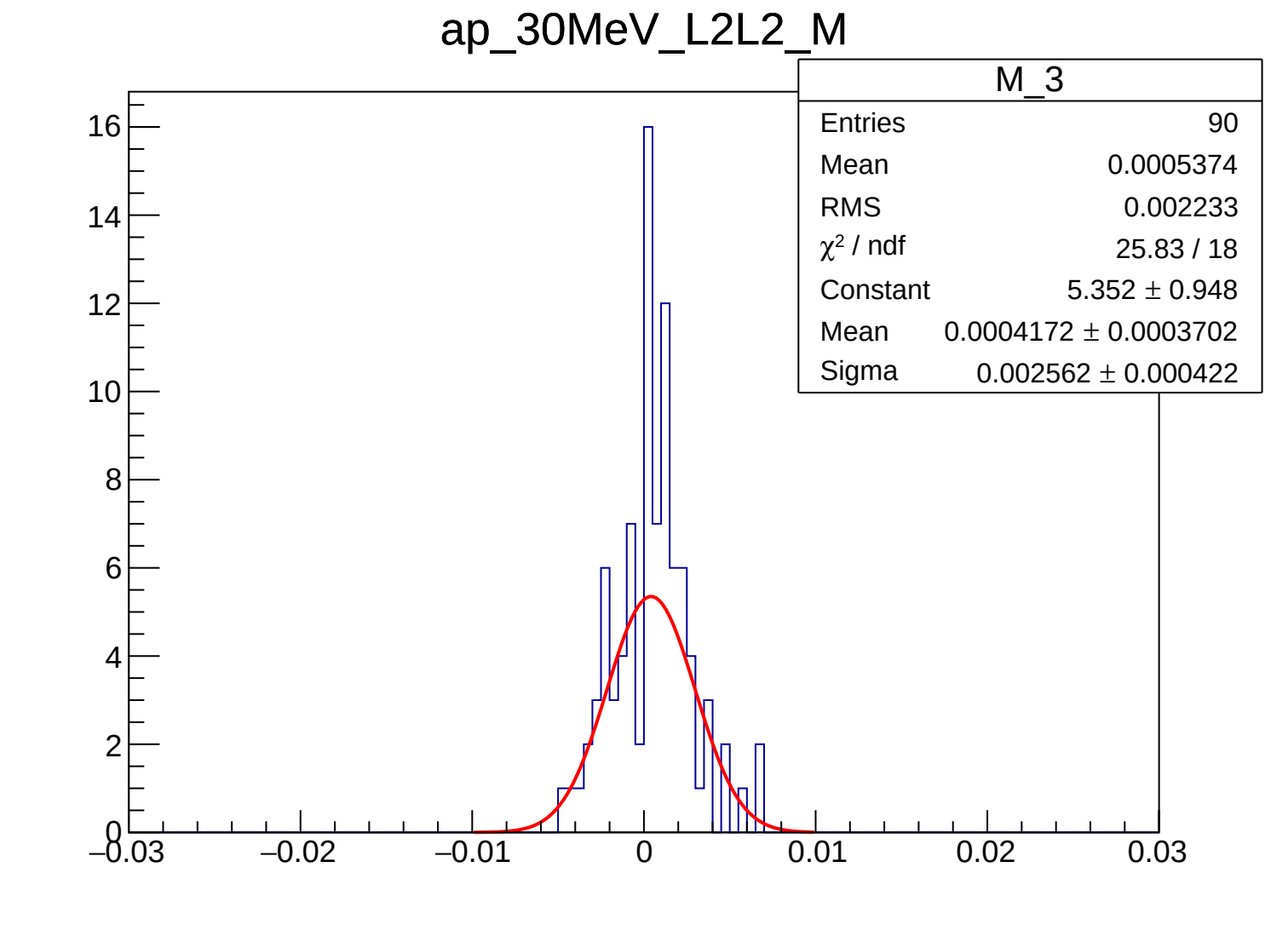
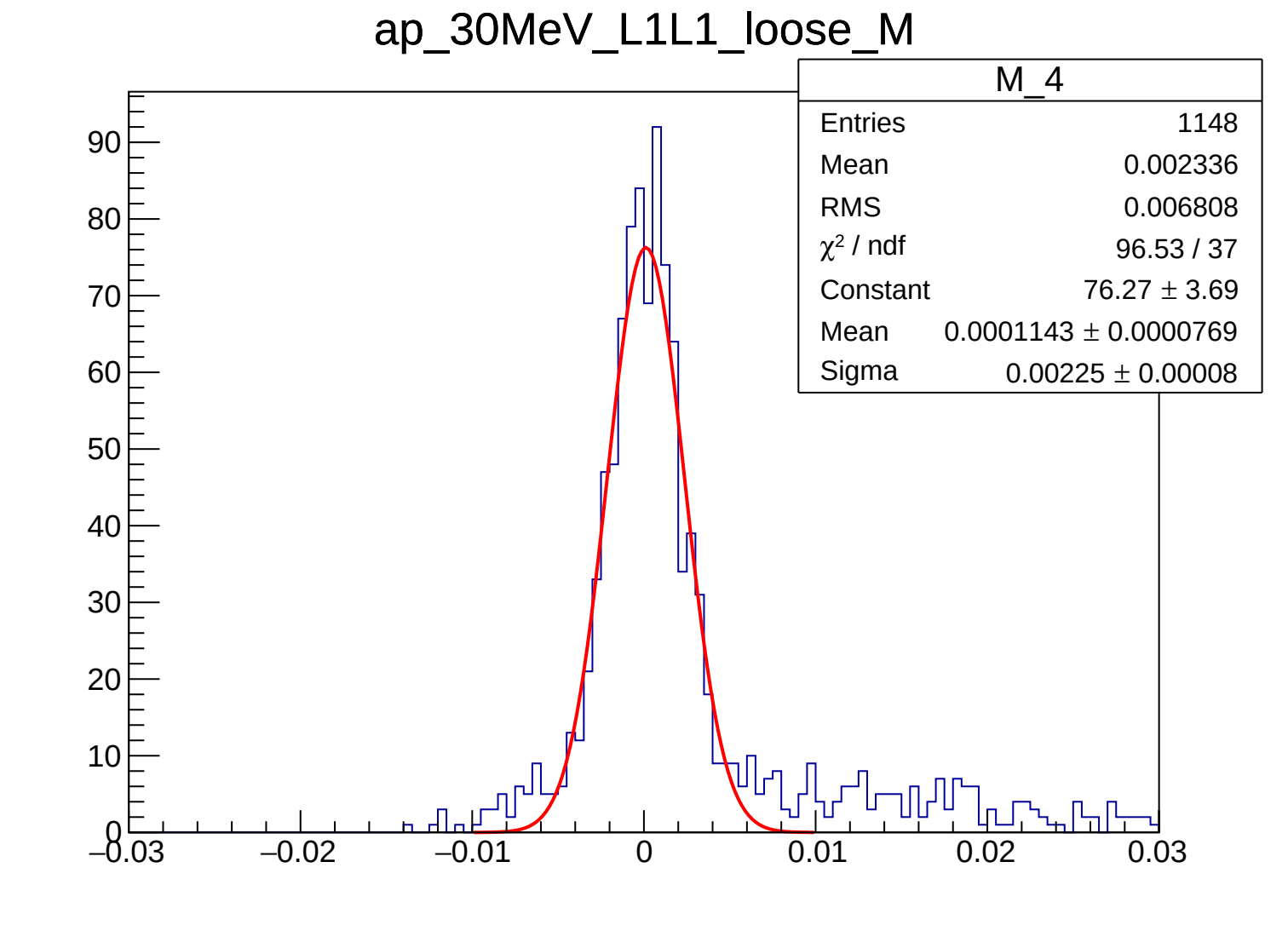
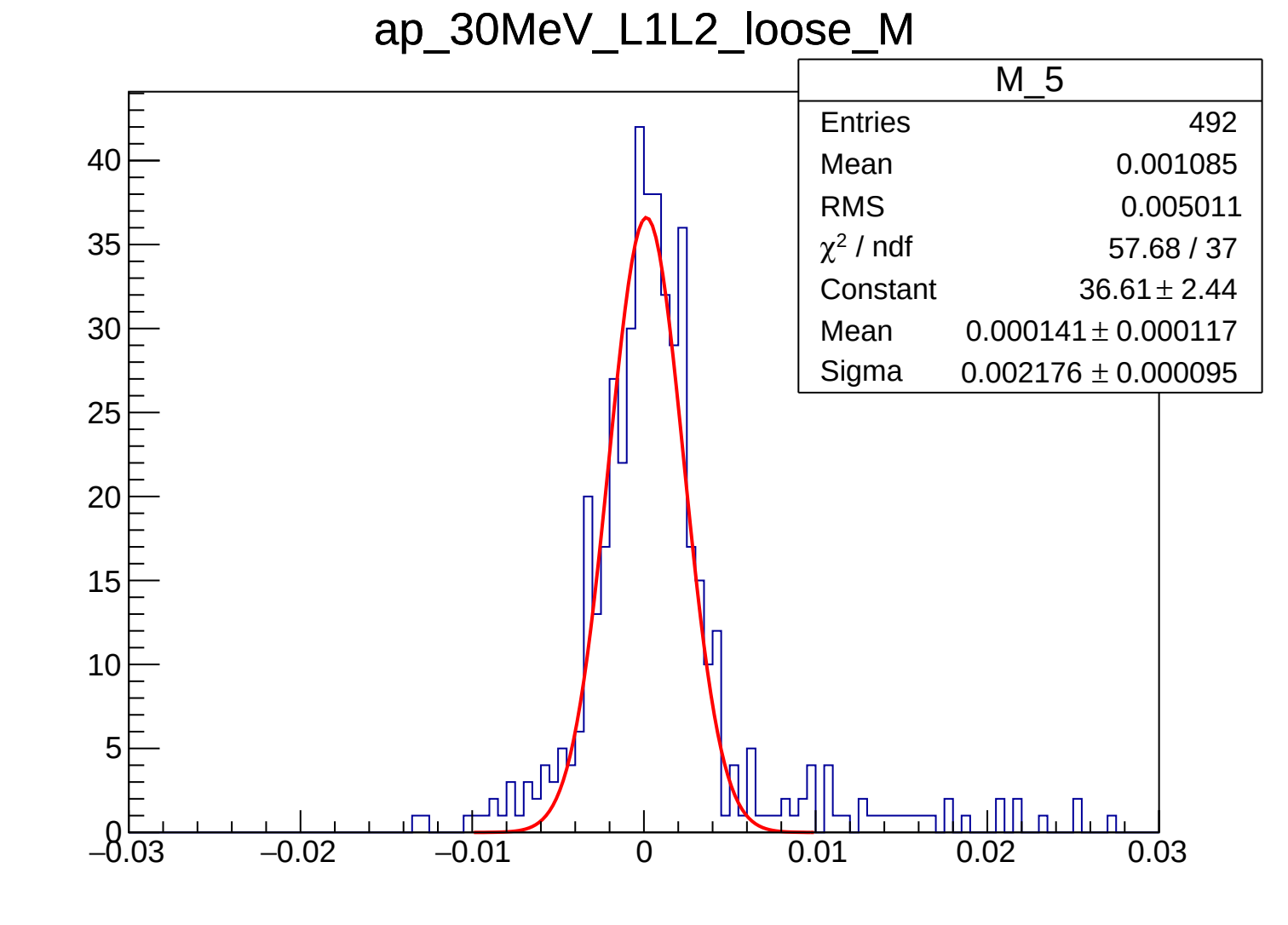

ap_30MeV_loose_M
M_0
Entries 1999
Mean 0.001647
RMS 0.005899
χ² / ndf 117.9 / 37
Constant 141.7 ± 4.9
Mean 0.0001394 ± 0.0000571
Sigma 0.002318 ± 0.000056
160
140
120
100
80
60
40
20
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03

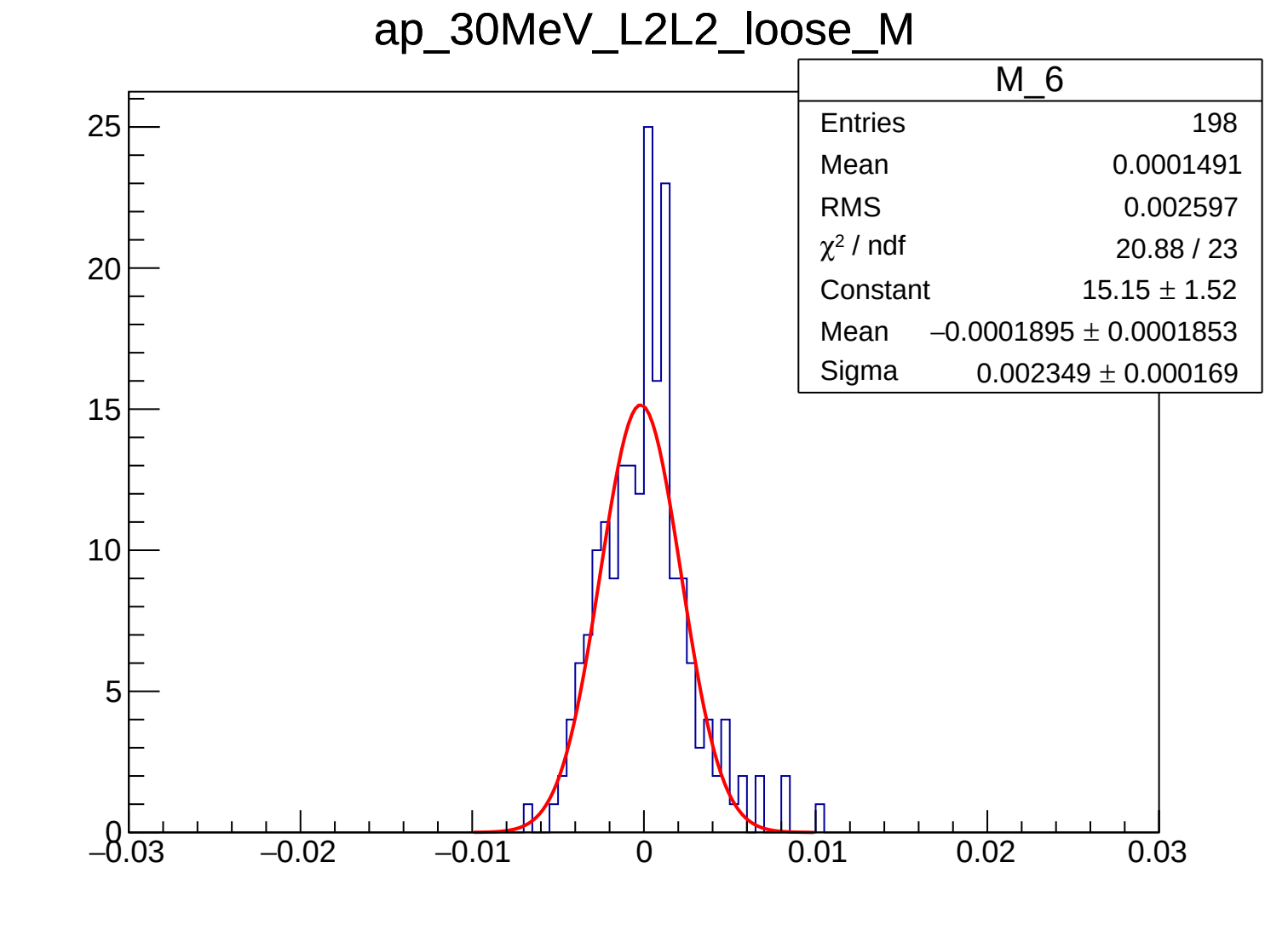

ap_30MeV_L1L1_M
M_1
Entries 797
Mean 0.001815
RMS 0.006032
χ² / ndf 53.79 / 35
Constant 63.27 ± 3.39
Mean 0.0001036 ± 0.0000801
Sigma 0.001996 ± 0.000072
70
60
50
40
30
20
10
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03

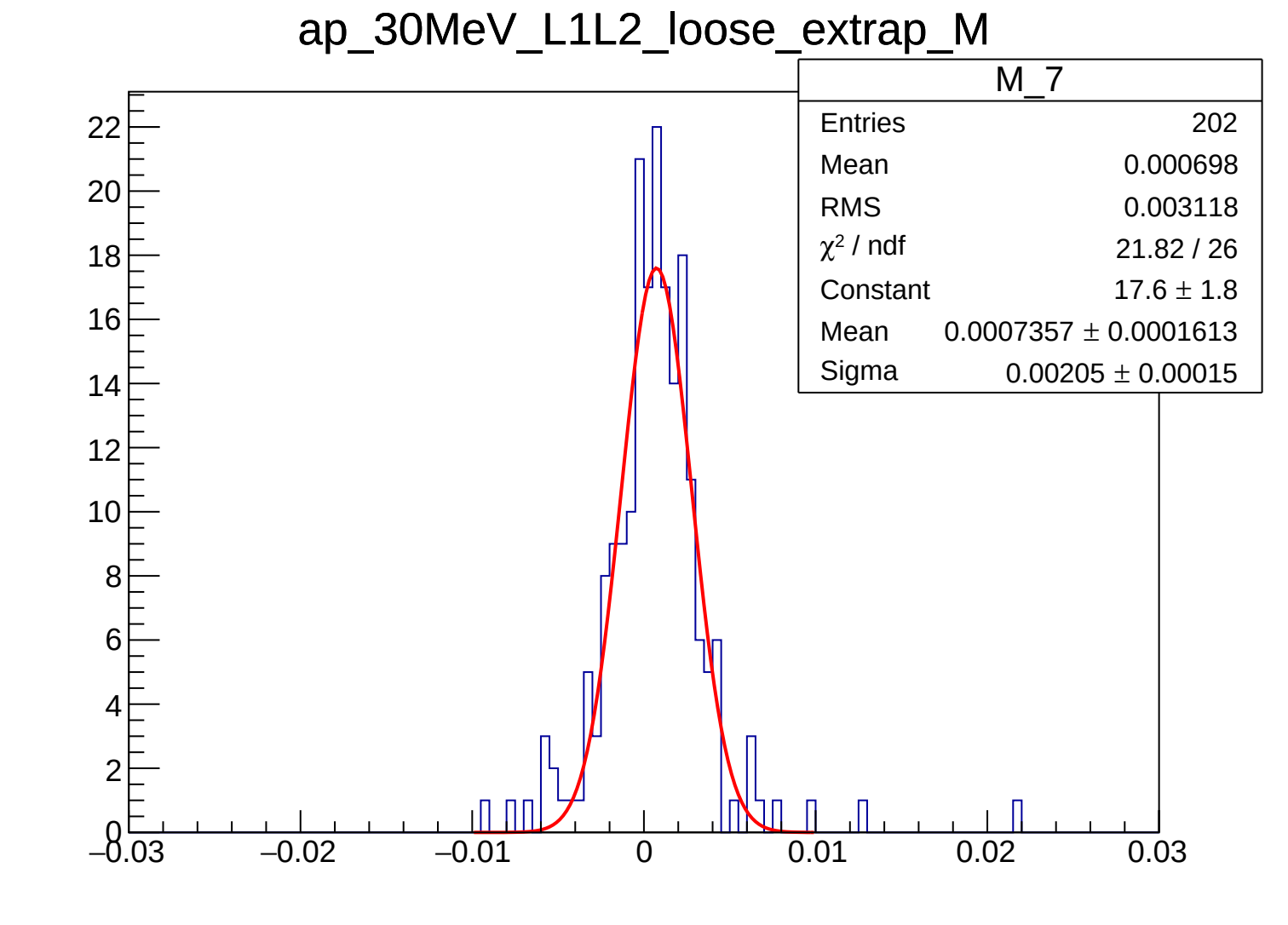

ap_30MeV_L1L2_M
M_2
Entries 132
Mean 0.0006287
RMS 0.002116
χ² / ndf 21.24 / 20
Constant 12.33 ± 1.91
Mean 0.0008004 ± 0.0002137
Sigma 0.001896 ± 0.000285
20
18
16
14
12
10
8
6
4
2
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03

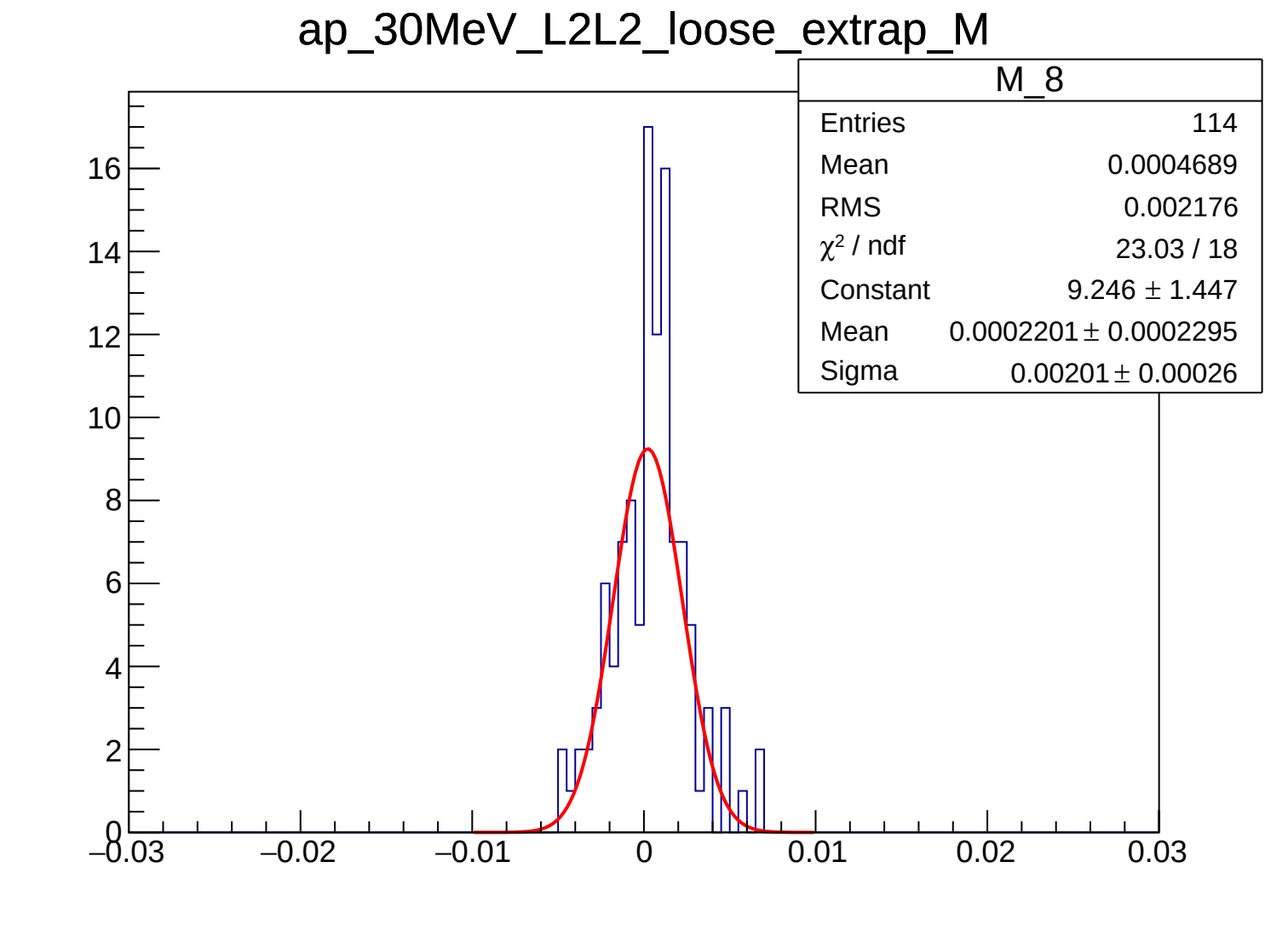

ap_30MeV_L2L2_M
M_3
Entries 90
Mean 0.0005374
RMS 0.002233
χ² / ndf 25.83 / 18
Constant 5.352 ± 0.948
Mean 0.0004172 ± 0.0003702
Sigma 0.002562 ± 0.000422
16
14
12
10
8
6
4
2
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03


ap_30MeV_L1L1_loose_M
M_4
Entries 1148
Mean 0.002336
RMS 0.006808
χ² / ndf 96.53 / 37
Constant 76.27 ± 3.69
Mean 0.0001143 ± 0.0000769
Sigma 0.00225 ± 0.00008
90
80
70
60
50
40
30
20
10
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03


ap_30MeV_L1L2_loose_M
M_5
Entries 492
Mean 0.001085
RMS 0.005011
χ² / ndf 57.68 / 37
Constant 36.61 ± 2.44
Mean 0.000141 ± 0.000117
Sigma 0.002176 ± 0.000095
40
35
30
25
20
15
10
5
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03


ap_30MeV_L2L2_loose_M
M_6
Entries 198
Mean 0.0001491
RMS 0.002597
χ² / ndf 20.88 / 23
Constant 15.15 ± 1.52
Mean –0.0001895 ± 0.0001853
Sigma 0.002349 ± 0.000169
25
20
15
10
5
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03


ap_30MeV_L1L2_loose_extrap_M
M_7
Entries 202
Mean 0.000698
RMS 0.003118
χ² / ndf 21.82 / 26
Constant 17.6 ± 1.8
Mean 0.0007357 ± 0.0001613
Sigma 0.00205 ± 0.00015
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_30MeV_L2L2_loose_extrap_M
M_8
Entries 114
Mean 0.0004689
RMS 0.002176
χ² / ndf 23.03 / 18
Constant 9.246 ± 1.447
Mean 0.0002201 ± 0.0002295
Sigma 0.00201 ± 0.00026
16
14
12
10
8
6
4
2
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03