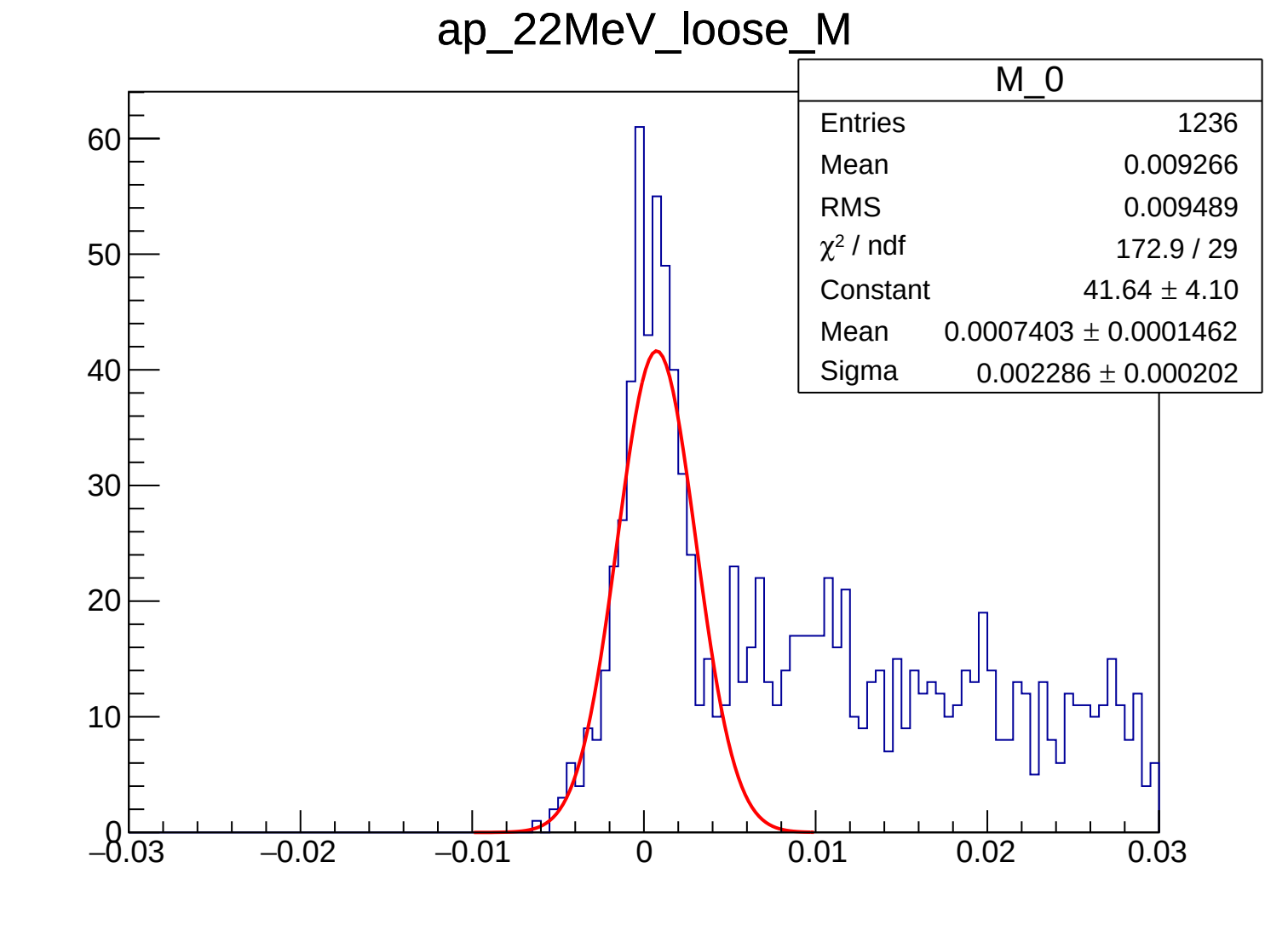
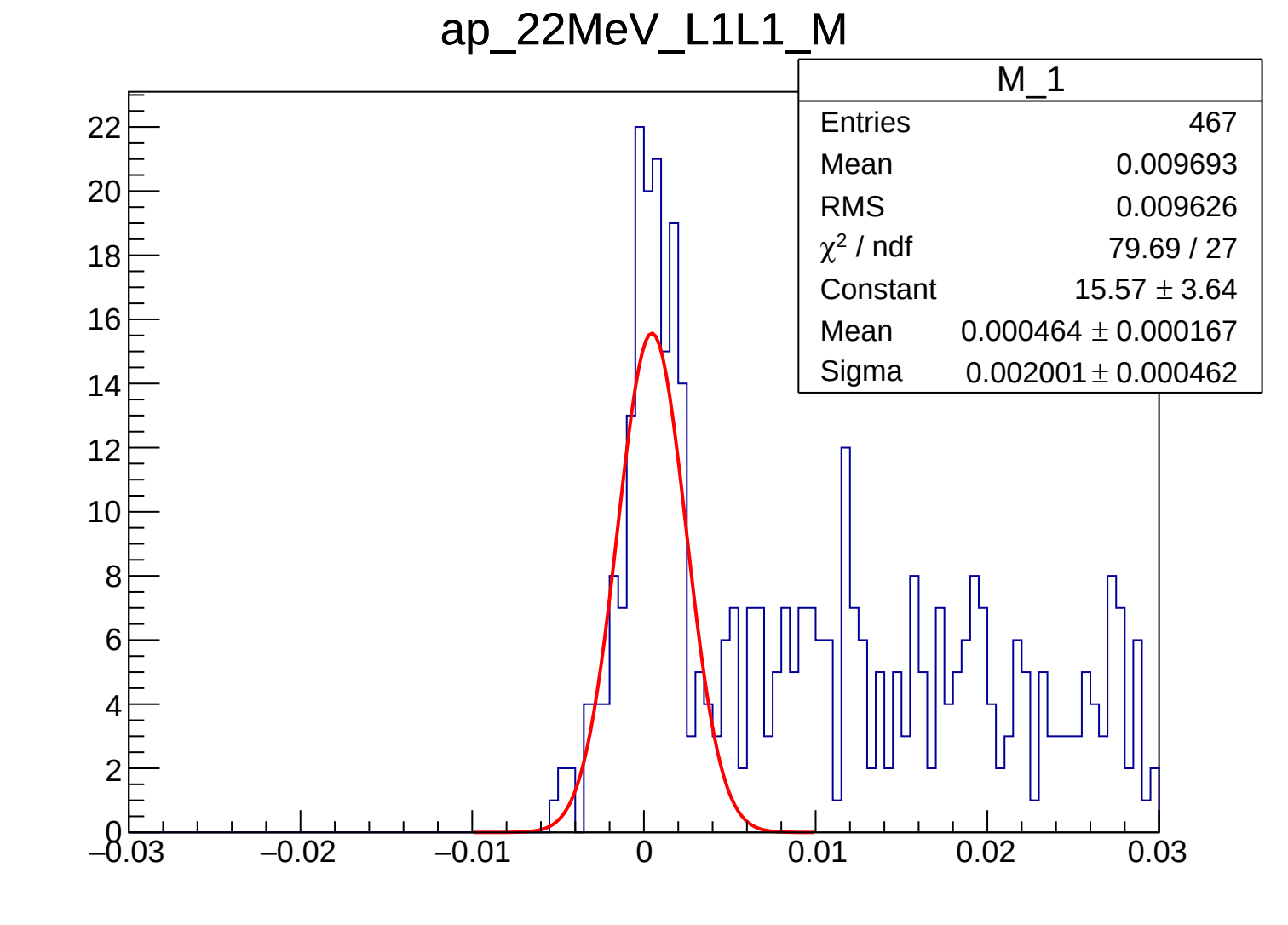
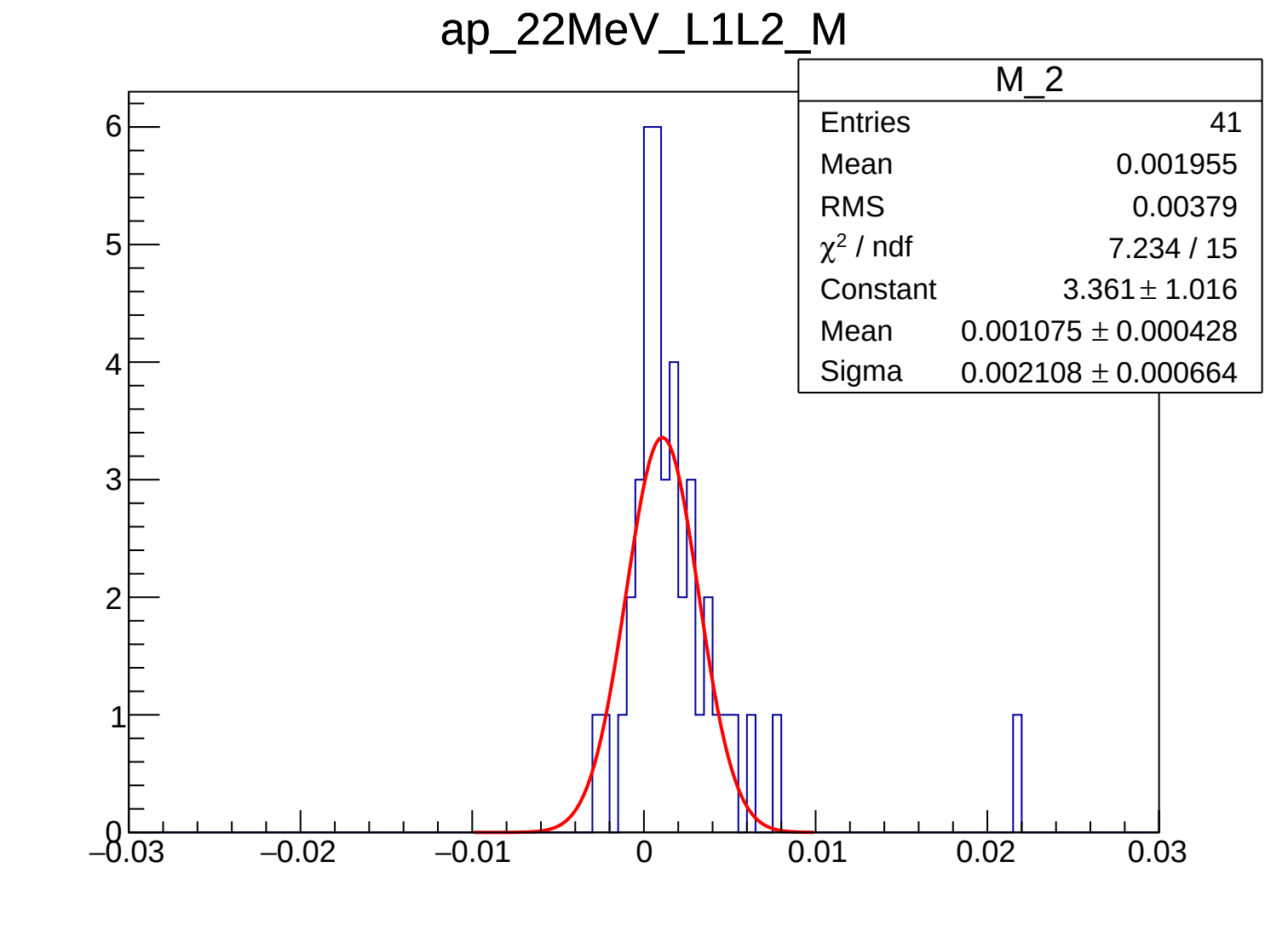
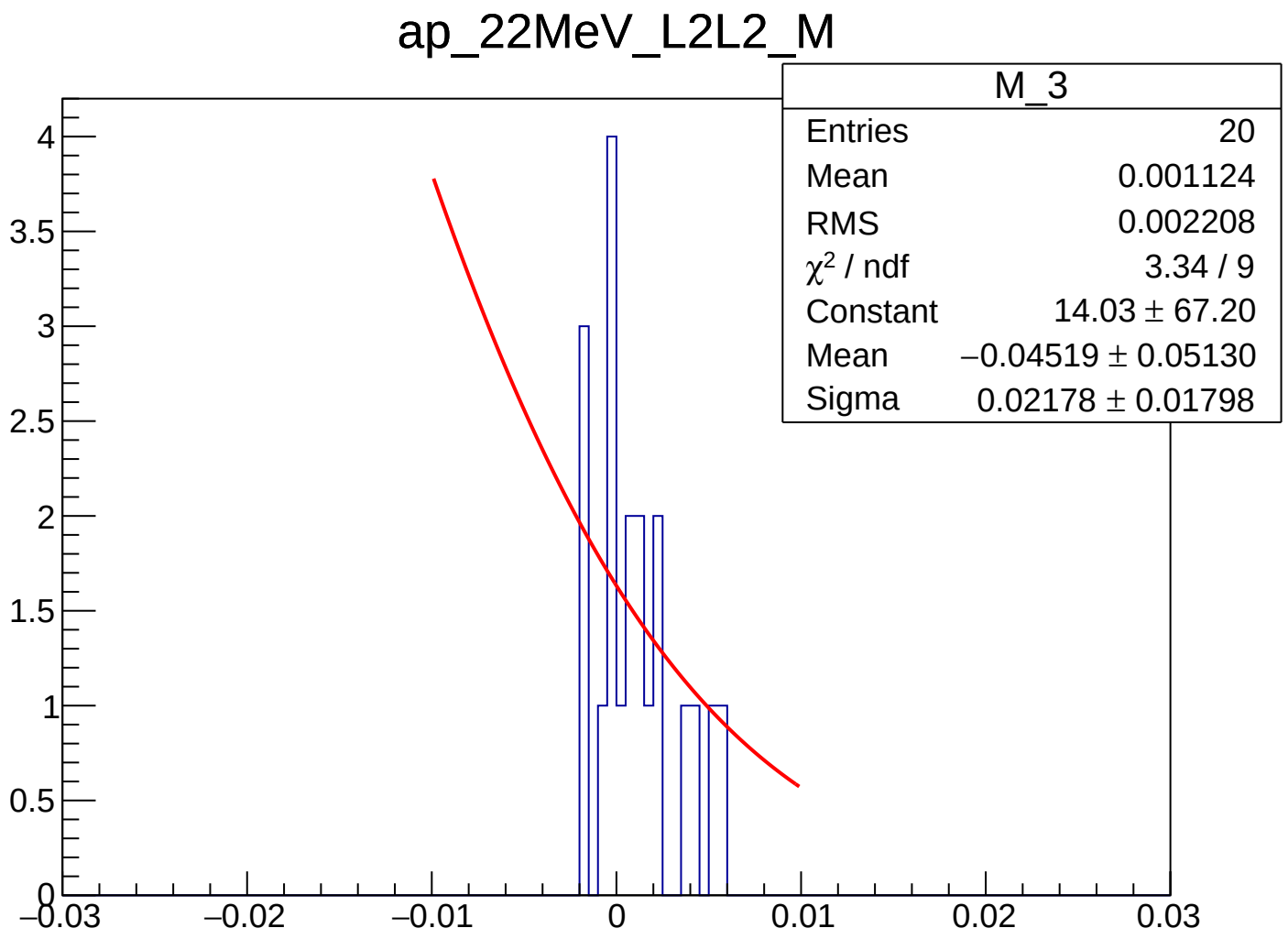
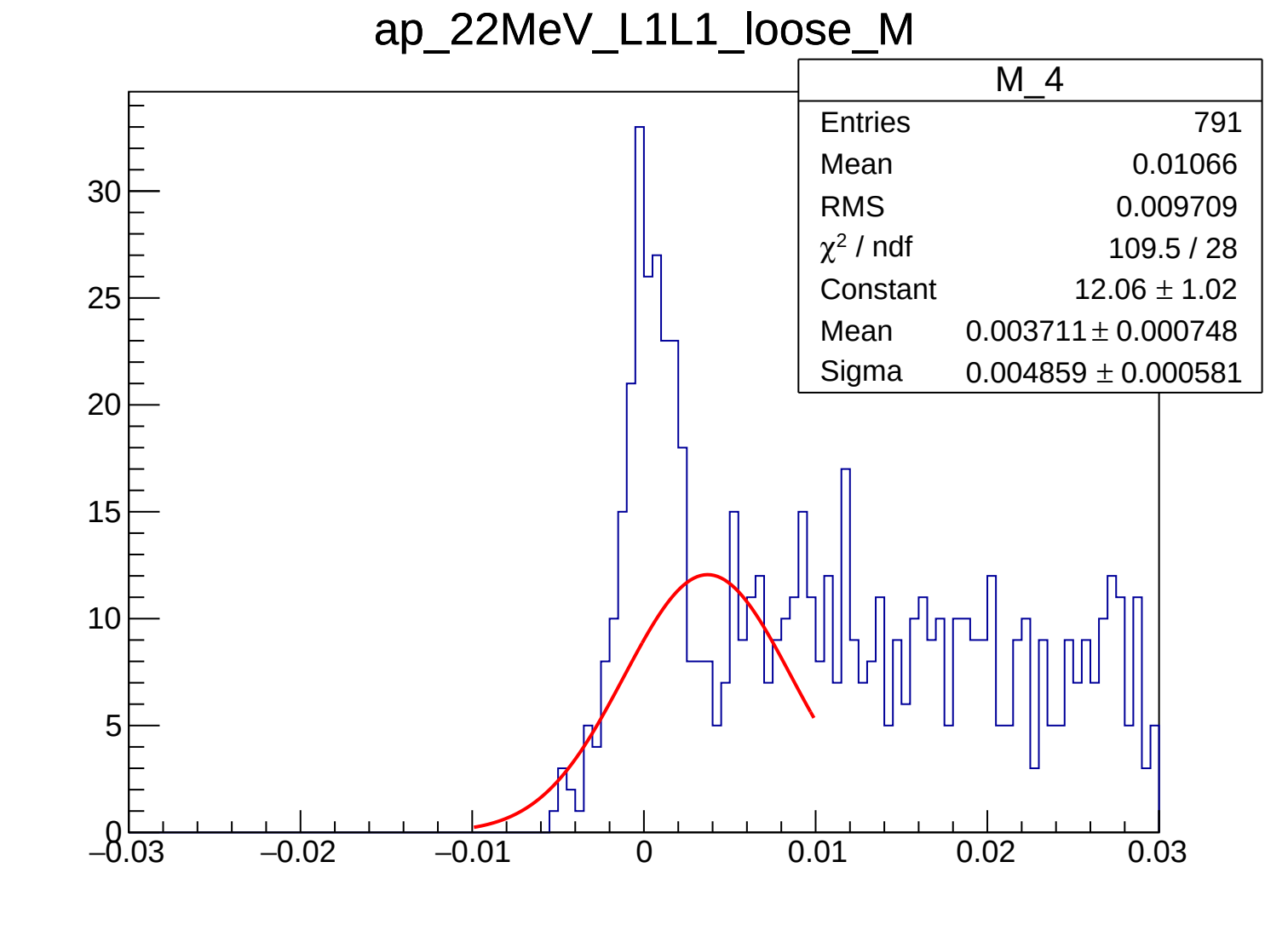
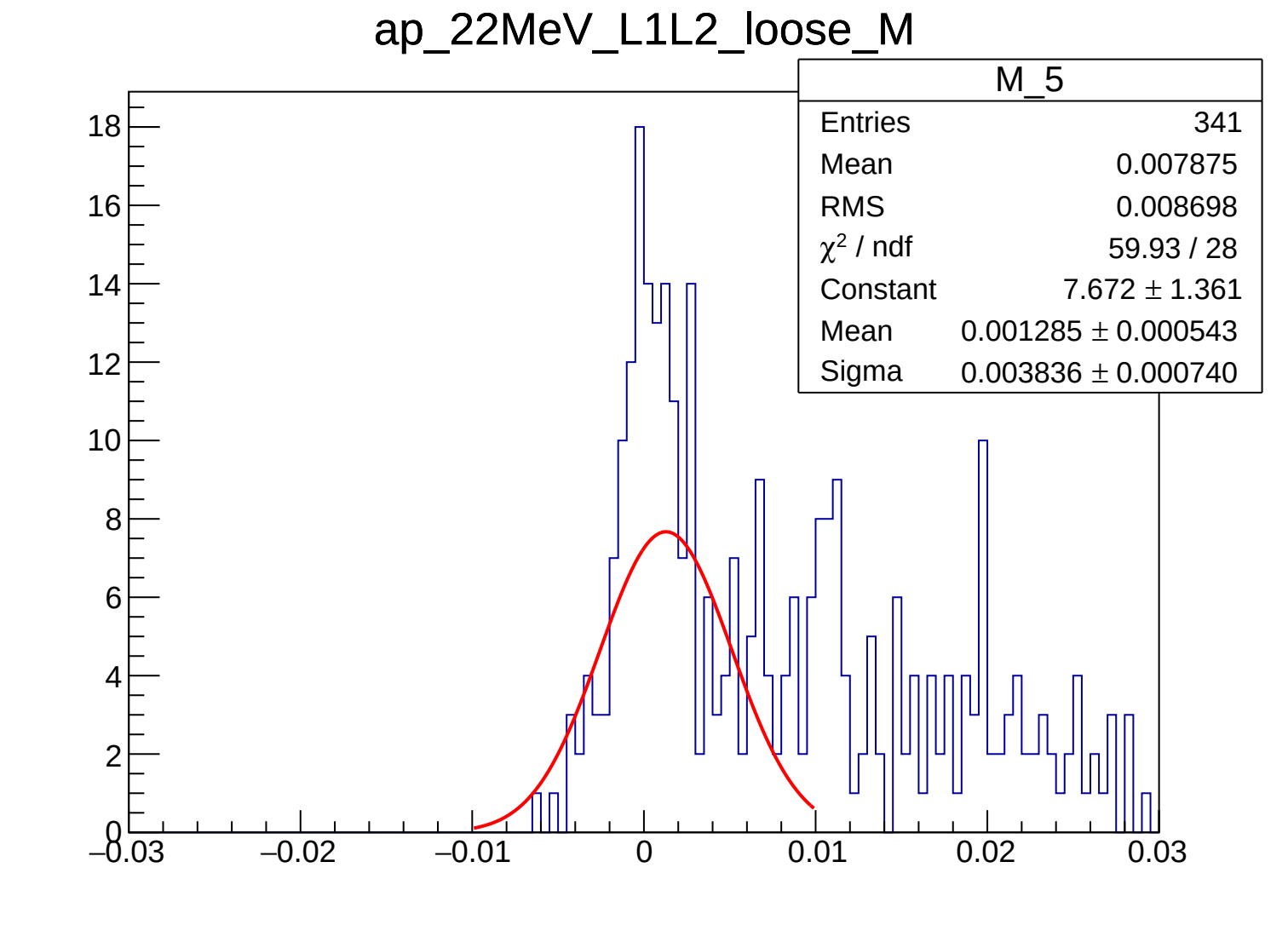

ap_22MeV_loose_M
M_0
Entries 1236
Mean 0.009266
RMS 0.009489
χ² / ndf 172.9 / 29
Constant 41.64 ± 4.10
Mean 0.0007403 ± 0.0001462
Sigma 0.002286 ± 0.000202
60
50
40
30
20
10
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03

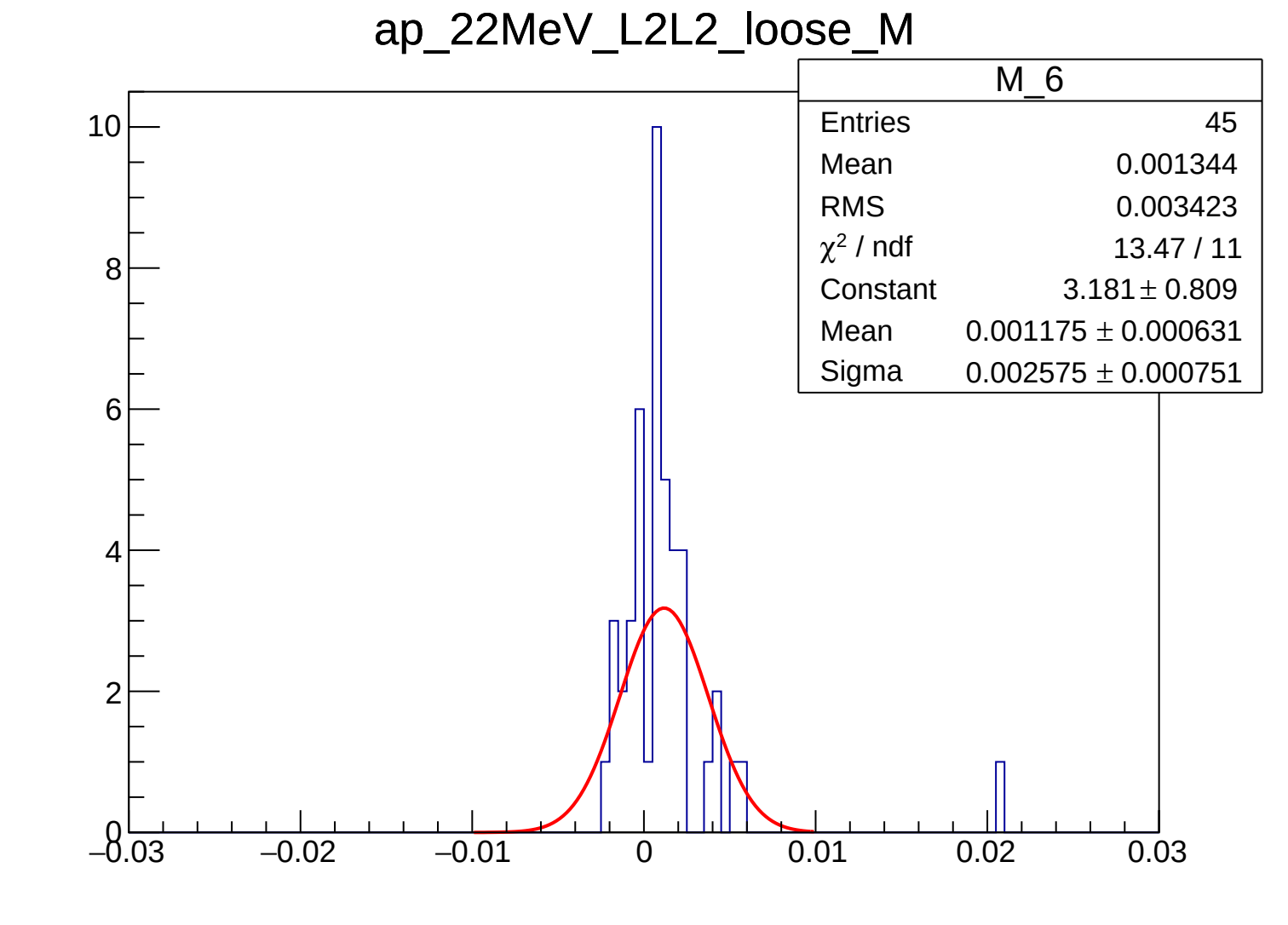

ap_22MeV_L1L1_M
M_1
Entries 467
Mean 0.009693
RMS 0.009626
χ² / ndf 79.69 / 27
Constant 15.57 ± 3.64
Mean 0.000464 ± 0.000167
Sigma 0.002001 ± 0.000462
22
20
18
16
14
12
10
8
6
4
2
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03

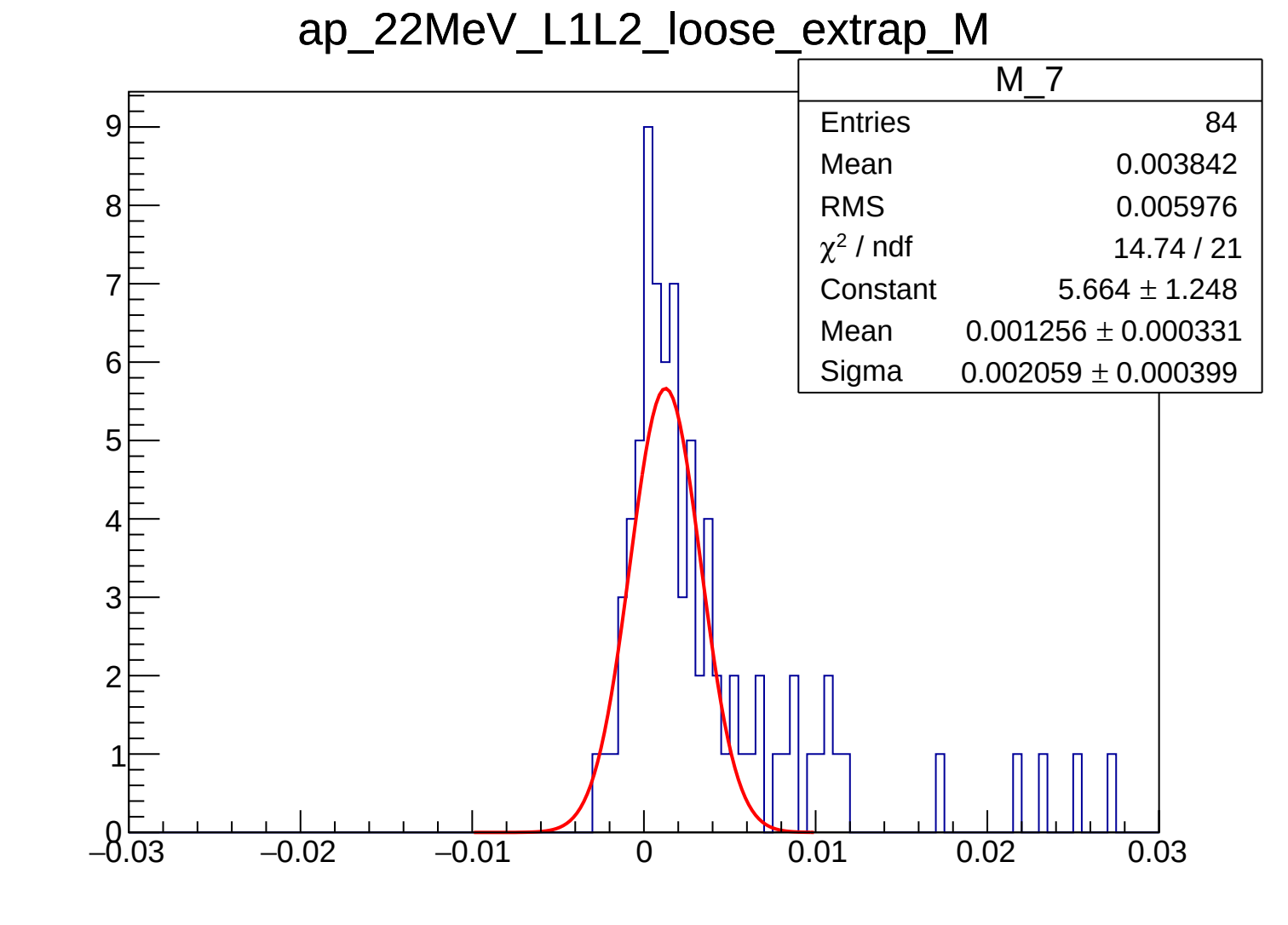

ap_22MeV_L1L2_M
M_2
Entries 41
Mean 0.001955
RMS 0.00379
χ² / ndf 7.234 / 15
Constant 3.361 ± 1.016
Mean 0.001075 ± 0.000428
Sigma 0.002108 ± 0.000664
6
5
4
3
2
1
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03

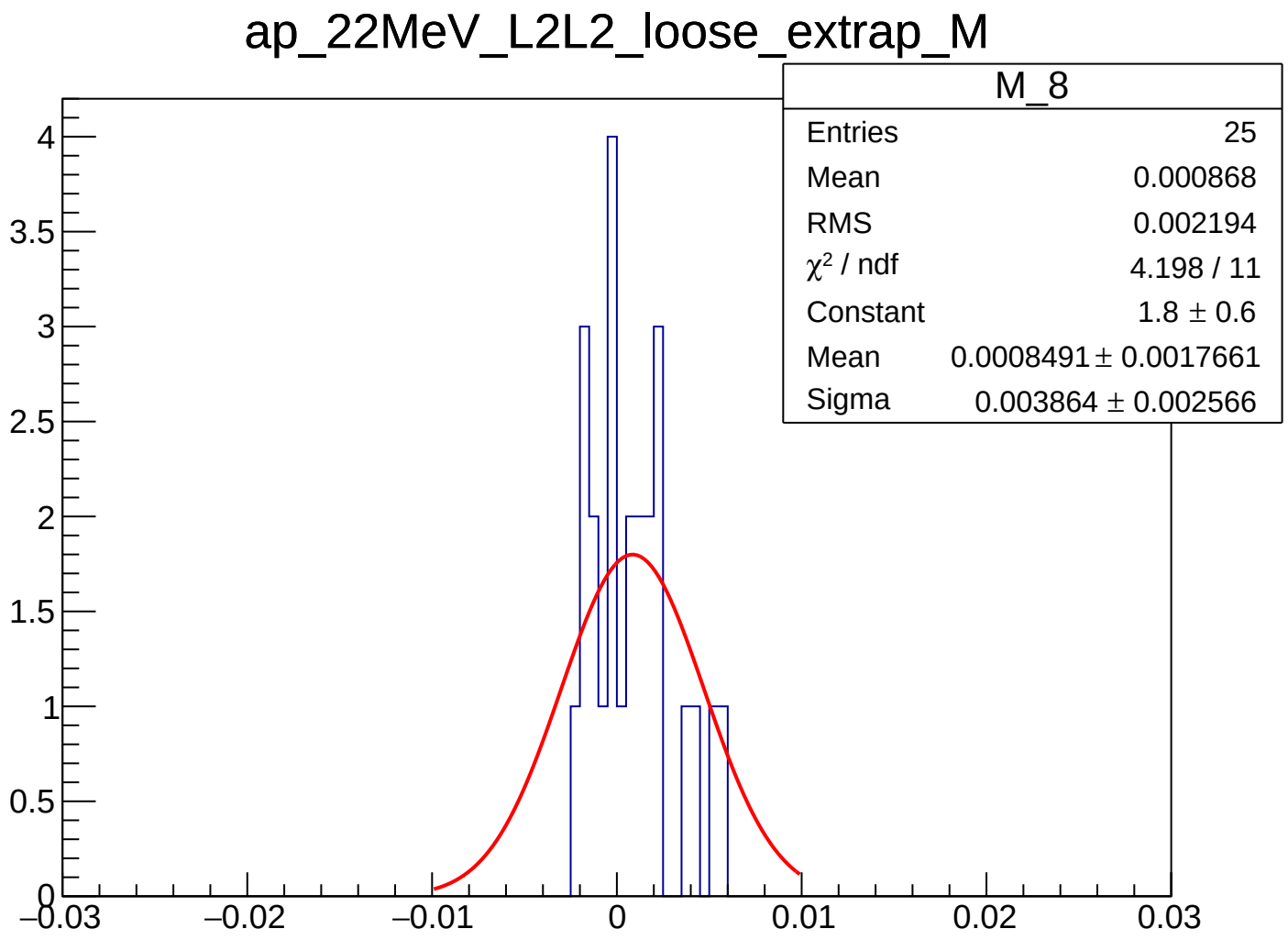

ap_22MeV_L2L2_M
M_3
Entries 20
Mean 0.001124
RMS 0.002208
χ² / ndf 3.34 / 9
Constant 14.03 ± 67.20
Mean −0.04519 ± 0.05130
Sigma 0.02178 ± 0.01798
4
3.5
3
2.5
2
1.5
1
0.5
0
−0.03
−0.02
−0.01
0
0.01
0.02
0.03


ap_22MeV_L1L1_loose_M
M_4
Entries 791
Mean 0.01066
RMS 0.009709
χ² / ndf 109.5 / 28
Constant 12.06 ± 1.02
Mean 0.003711 ± 0.000748
Sigma 0.004859 ± 0.000581
30
25
20
15
10
5
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03


ap_22MeV_L1L2_loose_M
M_5
Entries 341
Mean 0.007875
RMS 0.008698
χ² / ndf 59.93 / 28
Constant 7.672 ± 1.361
Mean 0.001285 ± 0.000543
Sigma 0.003836 ± 0.000740
18
16
14
12
10
8
6
4
2
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03


ap_22MeV_L2L2_loose_M
M_6
Entries 45
Mean 0.001344
RMS 0.003423
χ² / ndf 13.47 / 11
Constant 3.181 ± 0.809
Mean 0.001175 ± 0.000631
Sigma 0.002575 ± 0.000751
10
8
6
4
2
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03


ap_22MeV_L1L2_loose_extrap_M
M_7
Entries 84
Mean 0.003842
RMS 0.005976
χ² / ndf 14.74 / 21
Constant 5.664 ± 1.248
Mean 0.001256 ± 0.000331
Sigma 0.002059 ± 0.000399
9
8
7
6
5
4
3
2
1
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03


ap_22MeV_L2L2_loose_extrap_M
M_8
Entries 25
Mean 0.000868
RMS 0.002194
χ² / ndf 4.198 / 11
Constant 1.8 ± 0.6
Mean 0.0008491 ± 0.0017661
Sigma 0.003864 ± 0.002566
4
3.5
3
2.5
2
1.5
1
0.5
0
–0.03
–0.02
–0.01
0
0.01
0.02
0.03