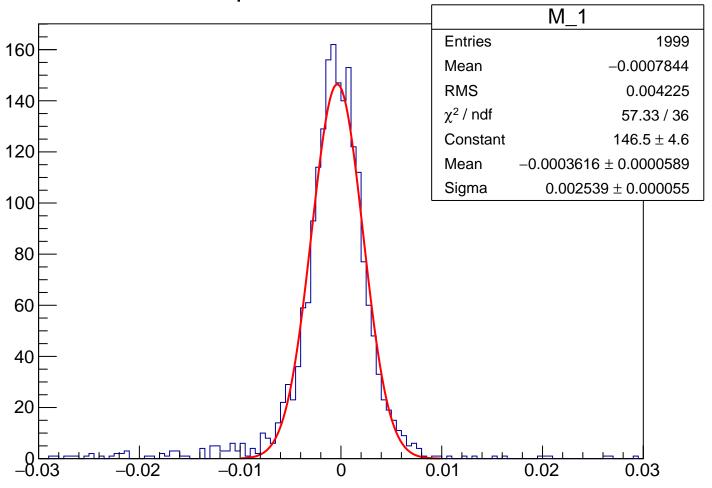
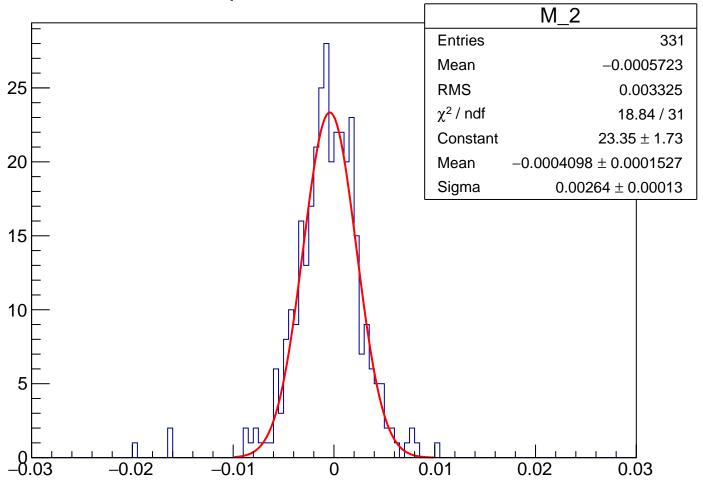
ap_50MeV_loose_M M_0 350 **Entries** 4732 Mean -0.0009326**RMS** 0.004739 300 χ^2 / ndf 118.6 / 37 Constant 313.4 ± 6.5 250 -0.0003952 ± 0.0000425 Mean Sigma 0.002797 ± 0.000040 200 150 100 50 -0.010.02 0.03 0.01

ap_50MeV_L1L1_M



ap_50MeV_L1L2_M



ap_50MeV_L2L2_M M_3 25 **Entries** 326 Mean -9.909e-05 **RMS** 0.002929 20 χ^2 / ndf 25.13 / 30 Constant 21.5 ± 1.6 Mean -0.0001914 ± 0.0001654 Sigma 0.002807 ± 0.000134 15 10 5

0.02

0.01

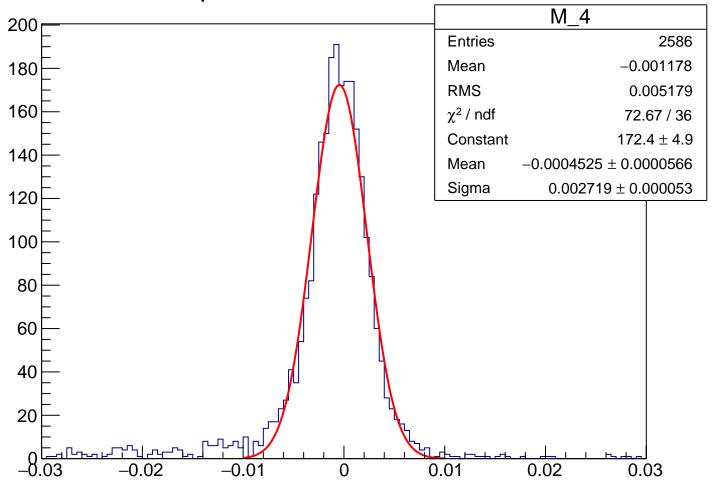
0.03

-0.03

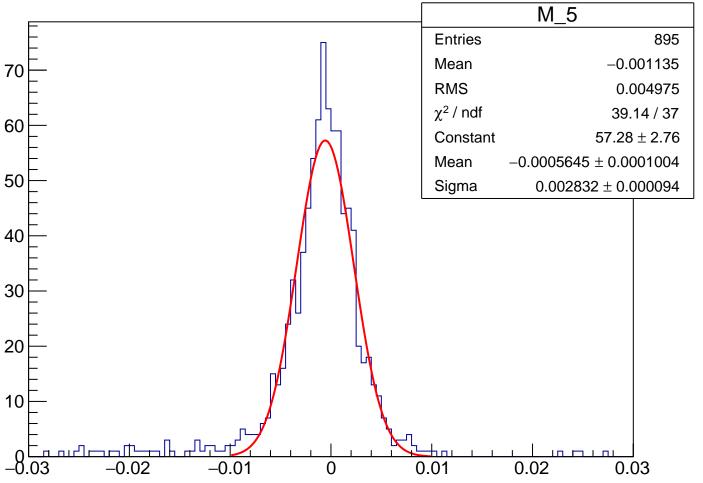
-0.02

-0.01

ap_50MeV_L1L1_loose_M

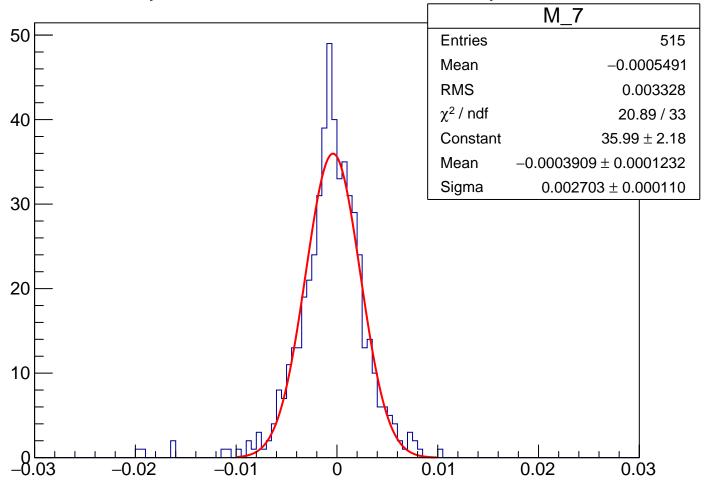


ap_50MeV_L1L2_loose_M



ap_50MeV_L2L2_loose_M M_6 **Entries** 663 50 Mean -0.0002889**RMS** 0.00317 χ^2 / ndf 37.9 / 34 40 Constant 44.49 ± 2.40 -0.0002359 ± 0.0001146 Mean Sigma 0.002783 ± 0.000101 30 20 10 -0.03 -0.020.02 -0.010.01 0.03

ap_50MeV_L1L2_loose_extrap_M



ap_50MeV_L2L2_loose_extrap_M M_8 **Entries** 488 Mean -0.0001373**RMS** 0.003057 χ^2 / ndf 30.51 / 33 Constant 32.77 ± 1.99 -0.0001636 ± 0.0001315 Mean Sigma 0.002783 ± 0.000109

0.01

0.02

0.03

35

30

25

20

15

10

5

_0.03

-0.02

-0.01