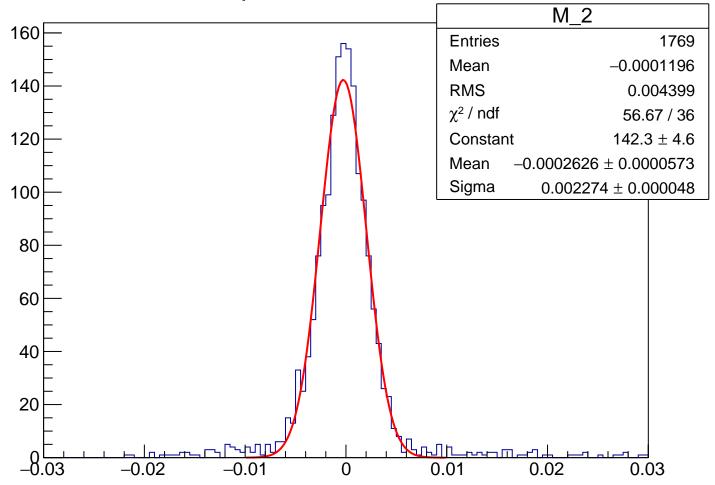
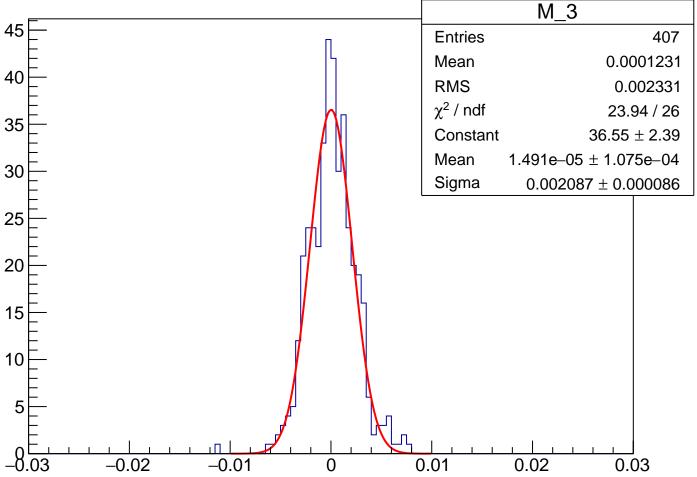


ap_40MeV_loose_M M_1 400 **Entries** 4425 Mean -0.0002455350 **RMS** 0.004375 χ^2 / ndf 154.2 / 37 300 Constant 327 ± 7.1 -0.0002337 ± 0.0000395 Mean Sigma 0.002477 ± 0.000037 250 200 150 100 50 _0.03 -0.02-0.010.02 0.03 0.01

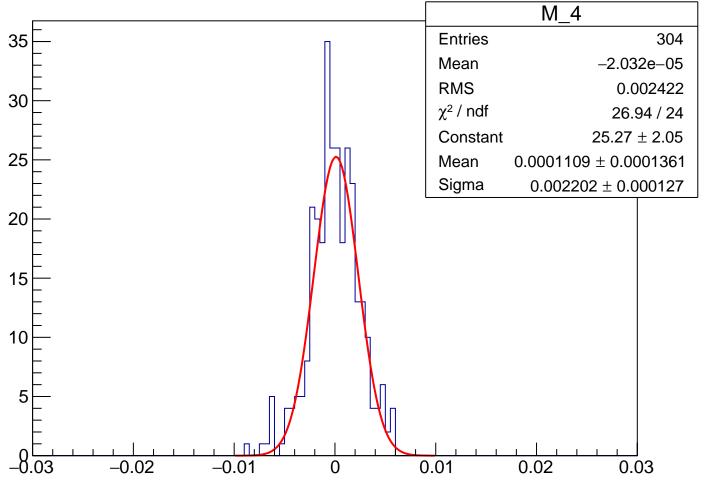
ap_40MeV_L1L1_M



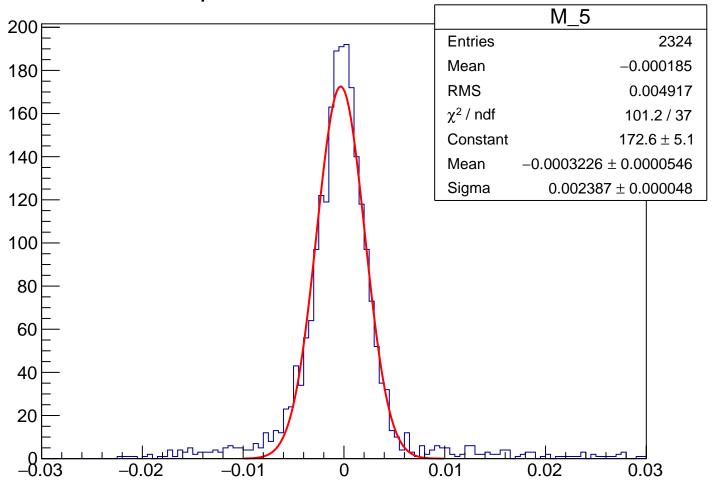
ap_40MeV_L1L2_M M_3 **Entries** 407 Mean 0.0001231 **RMS** 0.002331 χ^2 / ndf 23.94 / 26 Constant 36.55 ± 2.39 Mean $1.491e-05 \pm 1.075e-04$ Sigma 0.002087 ± 0.000086



ap_40MeV_L2L2_M



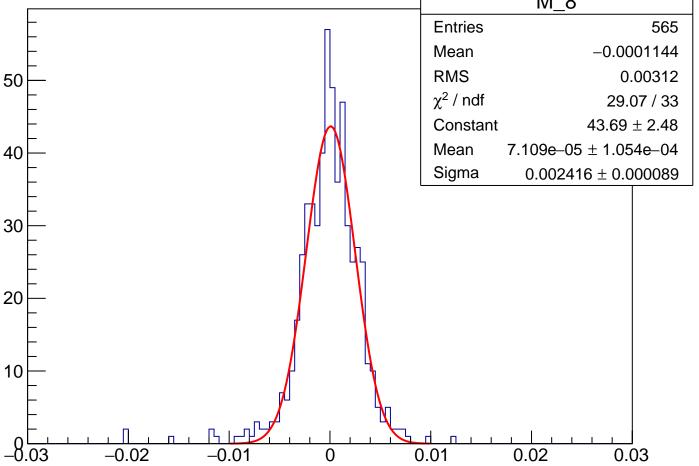
ap_40MeV_L1L1_loose_M



ap_40MeV_L1L2_loose_M M_6 **Entries** 990 90 Mean -0.0003237**RMS** 0.004406 80 χ^2 / ndf 50.31 / 35 Constant 70.74 ± 3.21 70 Mean -0.000177 ± 0.000085 Sigma 0.002529 ± 0.000078 60 50 40 30 20 10 -0.03 -0.020.01 0.02 0.03

ap_40MeV_L2L2_loose_M M_7 **Entries** 628 Mean -0.000308160 **RMS** 0.002679 χ^2 / ndf 49.3 / 28 50 Constant 49.78 ± 2.84 -0.0001307 ± 0.0000980 Mean Sigma 0.002318 ± 0.000092 40 30 20 10 _0.03 -0.02-0.010.01 0.02 0.03

ap_40MeV_L1L2_loose_extrap_M M_8 **Entries** 565 Mean -0.0001144**RMS** 0.00312 χ^2 / ndf 29.07 / 33 Constant 43.69 ± 2.48 Mean $7.109e-05 \pm 1.054e-04$ Sigma 0.002416 ± 0.000089



ap_40MeV_L2L2_loose_extrap_M

