ap_40MeV_loose_eleP eleP_0 700 **Entries** 4425 Mean 0.03073 600 **RMS** 0.127 χ^2 / ndf 261.4 / 37 Constant 594.8 ± 13.8 500 -0.002732 ± 0.000413 Mean Sigma 0.02546 ± 0.00042 400 300 200 100

0.2

0.6

8.0

ap_40MeV_L1L1_eleP eleP_1 **Entries** 1769 Mean 0.0346 250 **RMS** 0.134 χ^2 / ndf 94.3 / 34 240.4 ± 8.6 Constant 200 -0.002888 ± 0.000648 Mean Sigma 0.02512 ± 0.00063 150 100 50 0.2 0.6 8.0

ap_40MeV_L1L2_eleP eleP_2 **Entries** 407 70 Mean -2.259e-05 **RMS** 0.04089 χ^2 / ndf 29.9 / 19 60 Constant 66 ± 4.9 -0.0001155 ± 0.0012103 Mean 50 Sigma 0.02275 ± 0.00120 40 30 20 10

0.2

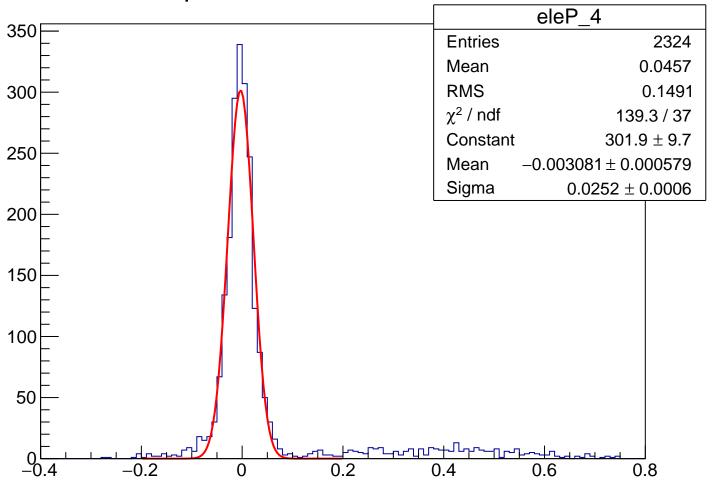
0.4

0.6

8.0

ap_40MeV_L2L2_eleP eleP_3 **Entries** 304 50 Mean -0.005391**RMS** 0.03091 χ^2 / ndf 24.73 / 19 40 50.96 ± 4.01 Constant Mean -0.003279 ± 0.001368 Sigma 0.02189 ± 0.00113 30 20 10 0.2 0.6 0.4 8.0

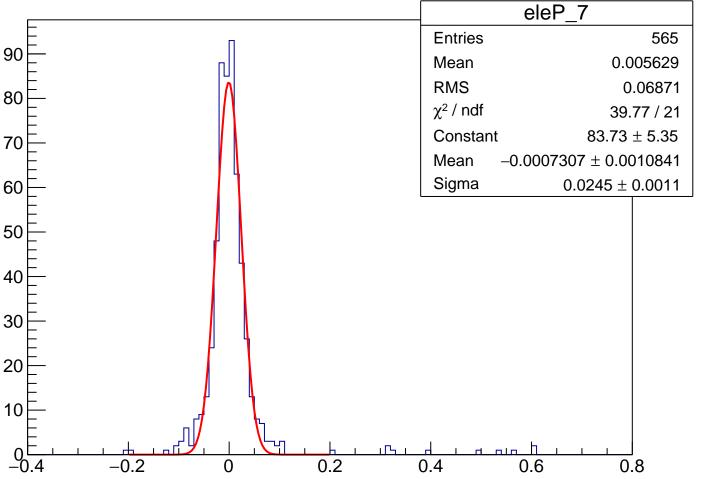
ap_40MeV_L1L1_loose_eleP



ap_40MeV_L1L2_loose_eleP eleP_5 **Entries** 990 140 Mean 0.02858 **RMS** 0.1187 120 χ^2 / ndf 60.46 / 29 135.3 ± 6.6 Constant Mean -0.002072 ± 0.000862 100 Sigma 0.0252 ± 0.0009 80 60 40 20 -0.4 8.0

ap_40MeV_L2L2_loose_eleP eleP_6 **Entries** 628 Mean -0.006069100 **RMS** 0.03968 χ^2 / ndf 46.8 / 23 98.21 ± 5.71 Constant 80 Mean -0.003701 ± 0.001024 Sigma 0.02349 ± 0.00095 60 40 20 -0.4 0.2 0.6 0.4 8.0

ap_40MeV_L1L2_loose_extrap_eleP



ap_40MeV_L2L2_loose_extrap_eleP eleP 8 **Entries** 443 Mean -0.006059**RMS** 0.03149 χ^2 / ndf 27.8 / 21 Constant 66.97 ± 4.53 -0.003669 ± 0.001242 Mean Sigma 0.02474 ± 0.00115

0.4

0.6

8.0

0.2

80

70

60

50

40

30

20

10