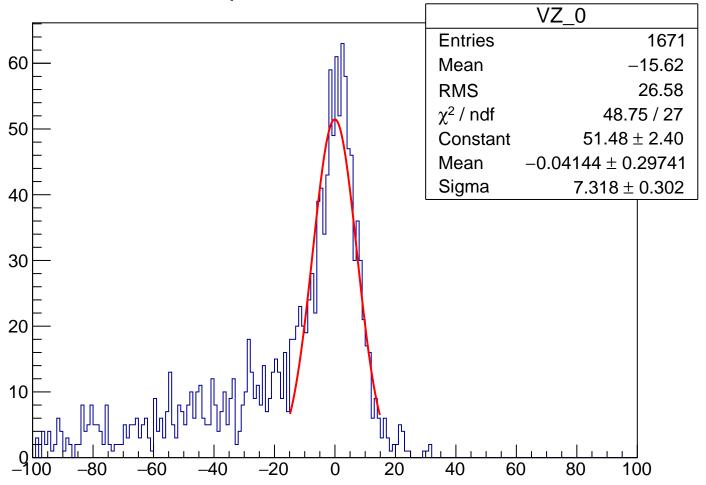
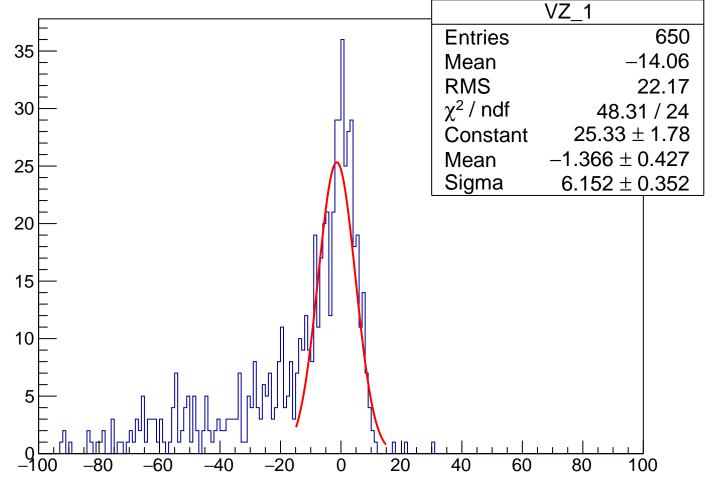
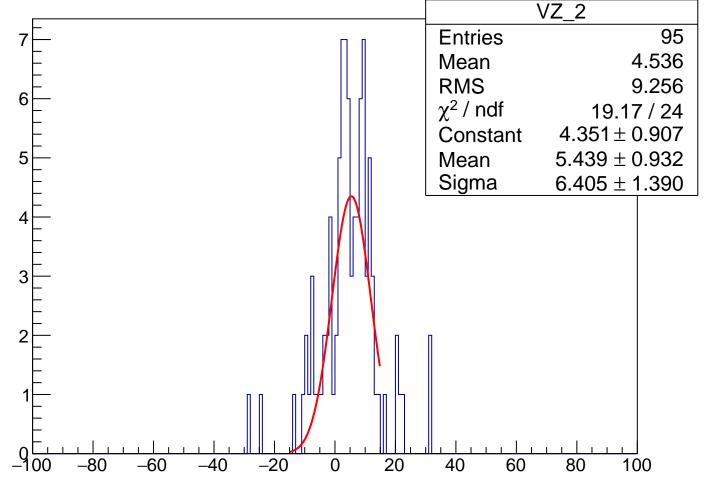
ap_24MeV_looseVZ



ap_24MeV_L1L1VZ



ap_24MeV_L1L2VZ



ap_24MeV_L2L2VZ VZ_3 6 34 **Entries** 7.254 Mean **RMS** 8.51 5 χ^2 / ndf 4.32 / 10 802.6 ± 5074.2 Constant -186.6 ± 100.9 Mean 4 Sigma 54.93 ± 52.33 3 2 -100 -20 -80 20 40 60 80 100 -60 -40

ap_24MeV_L1L1_looseVZ VZ_4 **Entries** 1020 40 -19.76Mean **RMS** 25.66 χ^2 / ndf 35 65.78 / 25 31.39 ± 1.93 Constant 30 -1.647 ± 0.431 Mean Sigma 6.58 ± 0.35 25 20 15 10 5

20

40

60

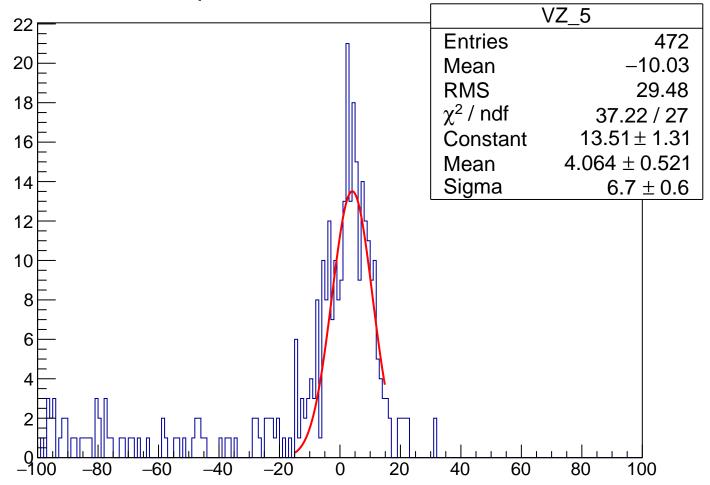
80

100

-20

-60

ap_24MeV_L1L2_looseVZ



ap_24MeV_L2L2_looseVZ VZ_6 **Entries** 89 6 1.888 Mean **RMS** 9.563 χ^2 / ndf 5 18.86 / 23 2.84 ± 0.50 Constant 1.015 ± 2.225 Mean Sigma 4 10.72 ± 2.76 3 2 -100 -20 -80 20 40 60 80 100 -60 -40

ap_24MeV_L1L2_loose_extrapVZ √Z_7 **Entries** 156 10 -1.167Mean **RMS** 21.07 χ^2 / ndf 28.57 / 25 8 Constant 6.639 ± 1.169 5.699 ± 0.699 Mean Sigma 5.823 ± 1.012 6 4 2 -100 -80 -60 -40 -2020 40 60 80 100

ap_24MeV_L2L2_loose_extrapVZ VZ_8 **Entries** 41 4 6.359 Mean **RMS** 8.693 3.5 χ^2 / ndf 7.36 / 13 1.981 ± 0.577 Constant 3 1.606 ± 3.773 Mean Sigma 10.72 ± 5.75 2.5 2 1.5 0.5 -100 -20 -80 20 40 60 80 100 -60**-40**