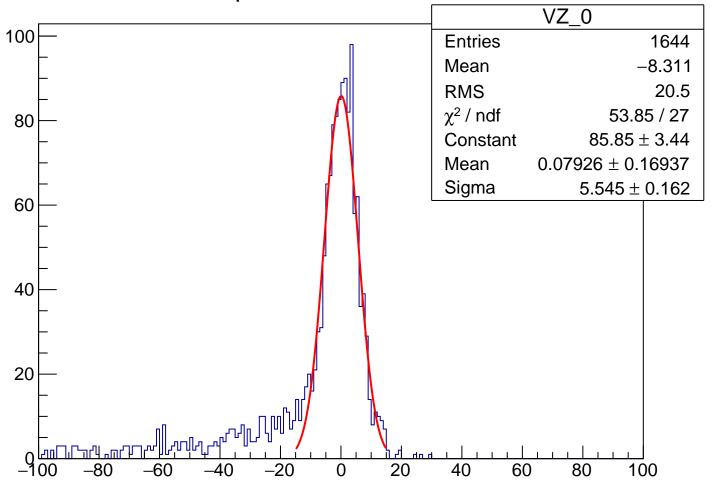
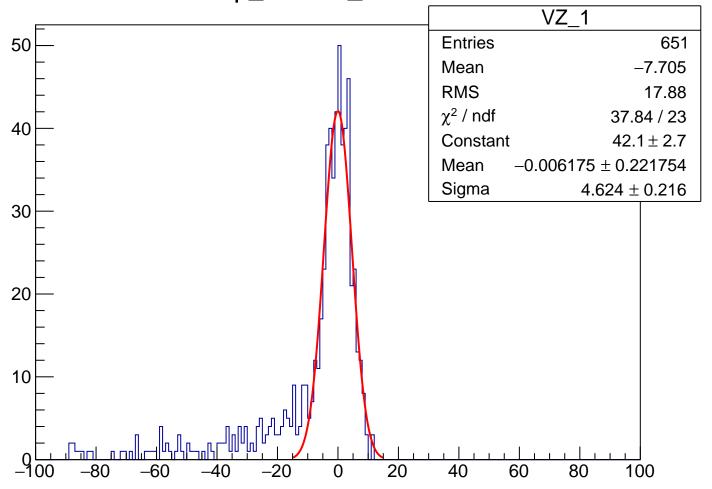
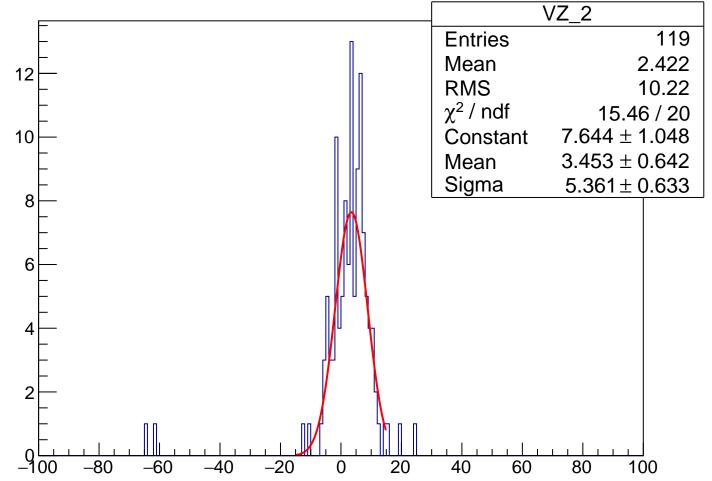
ap_28MeV_looseVZ



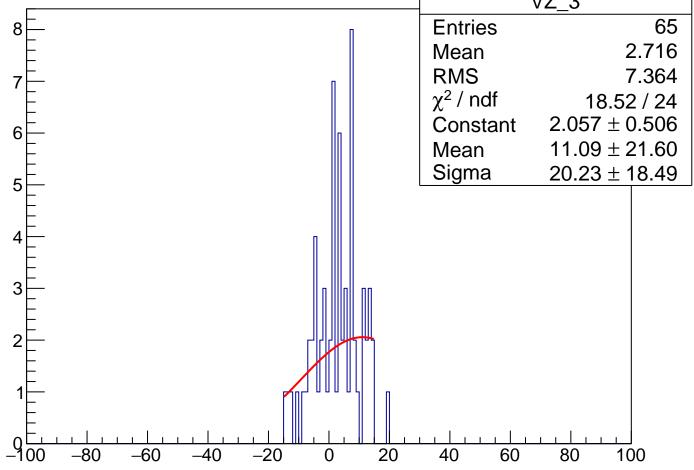
ap_28MeV_L1L1VZ



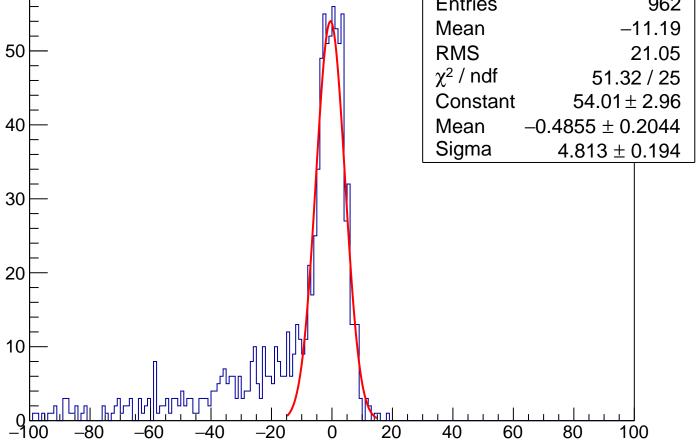
ap_28MeV_L1L2VZ



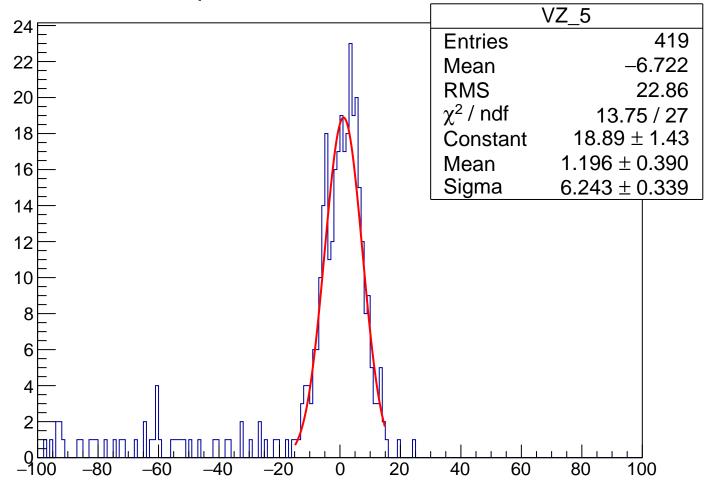
ap_28MeV_L2L2VZ VZ_3 65 **Entries** 2.716 Mean **RMS** 7.364 χ^2 / ndf 18.52 / 24 2.057 ± 0.506 Constant 11.09 ± 21.60 Mean Sigma 20.23 ± 18.49



ap_28MeV_L1L1_looseVZ VZ_4 **Entries** 962 Mean -11.19**RMS** 21.05 χ^2 / ndf 51.32 / 25 Constant 54.01 ± 2.96 Mean -0.4855 ± 0.2044 Sigma 4.813 ± 0.194



ap_28MeV_L1L2_looseVZ



ap_28MeV_L2L2_looseVZ VZ_6 **Entries** 130 12 Mean 0.3573 **RMS** 8.922 χ^2 / ndf 10 24.08 / 26 Constant 5.694 ± 0.885 Mean 0.8162 ± 0.8466 8 Sigma 7.239 ± 1.111 6 4 2 -100 -20 -80 -60 20 40 60 80 100 -40

ap_28MeV_L1L2_loose_extrapVZ √Z_7 **Entries** 171 -0.948Mean 14 **RMS** 17.2 χ^2 / ndf 17.5 / 23 12 10.24 ± 1.18 Constant 4.017 ± 0.500 Mean 10 Sigma 5.377 ± 0.475 8 6 4 2 -100 -80 -60 -40 -2020 40 60 80 100

ap_28MeV_L2L2_loose_extrapVZ VZ_8 **Entries** 80 2.784 Mean **RMS** 7.614 χ^2 / ndf 22.11 / 25 2.514 ± 0.439 Constant 5.807 ± 5.688 Mean Sigma 13.23 ± 6.33

20

40

60

80

100

-20

-40

8

6

5

4

3

2

-100

-80

-60