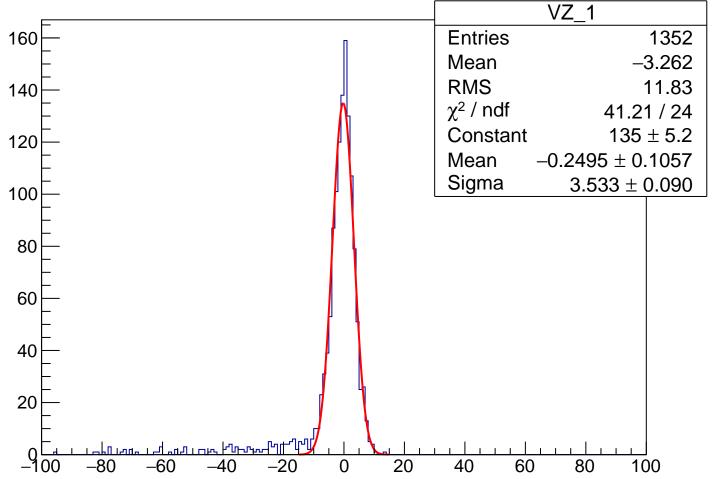
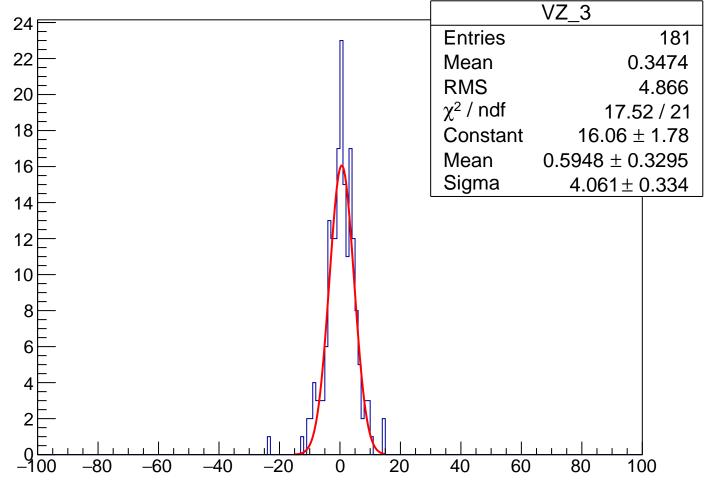
ap_35MeV_looseVZ VZ_0 **Entries** 3466 300 Mean -3.579**RMS** 13.53 χ^2 / ndf 98.59 / 27 250 Constant 282 ± 7.0 Mean -0.0989 ± 0.0793 Sigma 4.228 ± 0.072 200 150 100 50 -100 -100 -80 20 40 60 80 100 -20

ap_35MeV_L1L1VZ



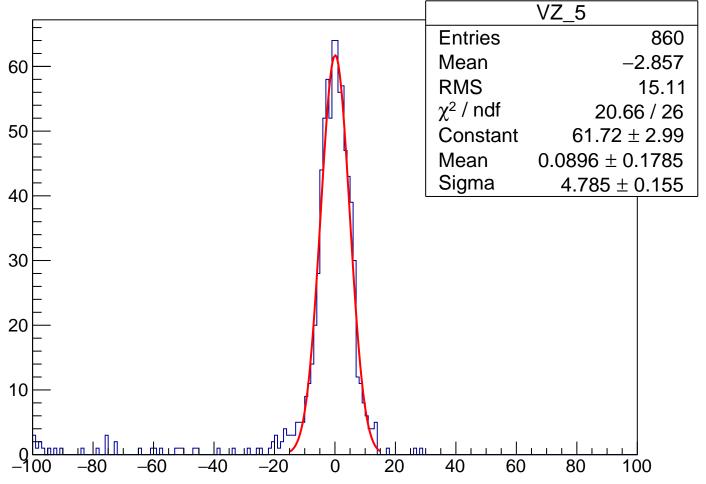
ap_35MeV_L1L2VZ VZ_2 35 330 **Entries** 1.106 Mean **RMS** 5.359 30 χ^2 / ndf 25.1 / 23 Constant 31.65 ± 2.32 25 1.682 ± 0.228 Mean Sigma 3.809 ± 0.174 20 15 10 5 -100 -80 -60 -2020 40 60 80 100 -40

ap_35MeV_L2L2VZ



ap_35MeV_L1L1_looseVZ VZ_4 **Entries** 1851 180 Mean -5.154**RMS** 14.39 160 χ^2 / ndf 80.93 / 25 Constant 163.6 ± 5.7 140 Mean -0.3798 ± 0.1023 Sigma 3.721 ± 0.088 120 100 80 60 40 20 -100 -100 -80 -20 20 40 60 80 100

ap_35MeV_L1L2_looseVZ



ap_35MeV_L2L2_looseVZ VZ_6 35 **Entries** 410 Mean -0.7171**RMS** 30 6.902 χ^2 / ndf 14.35 / 27 Constant 31.86 ± 2.11 25 0.0821 ± 0.2475 Mean Sigma 4.762 ± 0.203 20 15 10 5 -100

20

40

60

80

100

-80

-60

-20

ap_35MeV_L1L2_loose_extrapVZ VZ 7 40 449 **Entries** 0.08349 Mean 35 9.163 **RMS** χ^2 / ndf 22.46 / 26 36.24 ± 2.36 30 Constant 1.251 ± 0.226 Mean Sigma 4.508 ± 0.195 25 20 15 10 5 illi -9<u>L</u> -80 -60 -2020 40 60 80 100

ap_35MeV_L2L2_loose_extrapVZ VZ_8 **Entries** 263 Mean 0.3084 **RMS** 6.192 χ^2 / ndf 14.94 / 21 Constant 21.89 ± 2.05 Mean 0.7956 ± 0.3011 Sigma 4.471 ± 0.334

20

40

60

80

100

30

25

20

15

10

5

-100

-80

-60

-20

-40