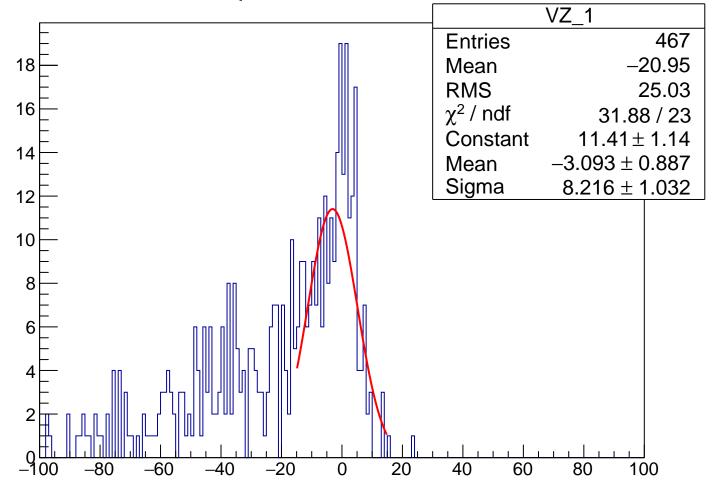
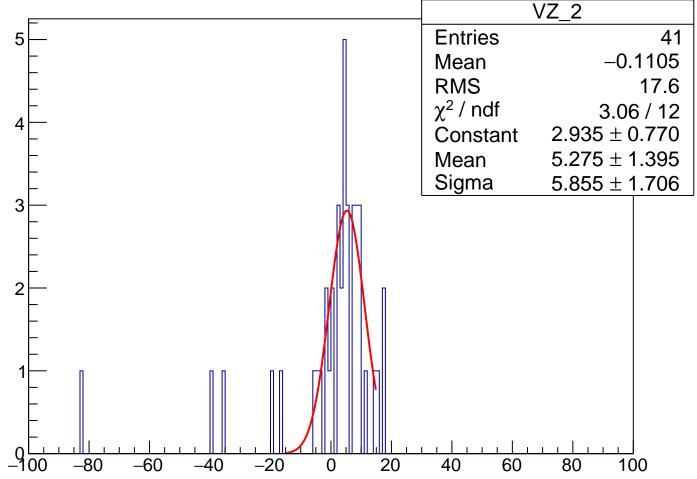
ap_22MeV_looseVZ VZ_0 1236 **Entries** 40 -23.94Mean **RMS** 28.65 35 χ^2 / ndf 35.72 / 27 25.8 ± 1.6 Constant 30 -1.939 ± 0.487 Mean Sigma 7.867 ± 0.467 25 20 15 10 5 -80 -20 -60 20 60 80 100 40

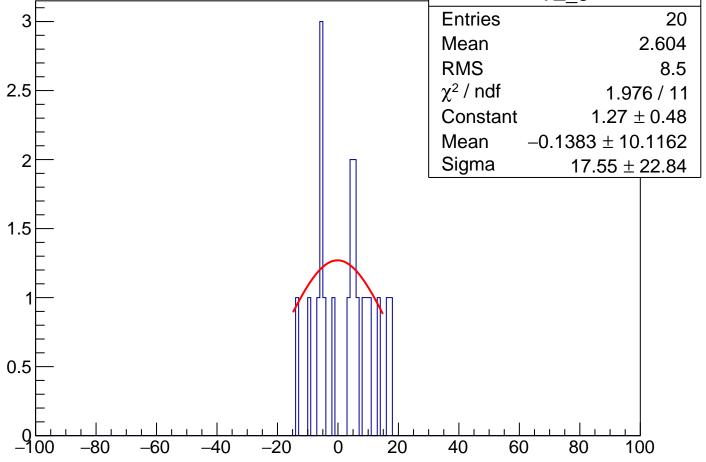
ap_22MeV_L1L1VZ



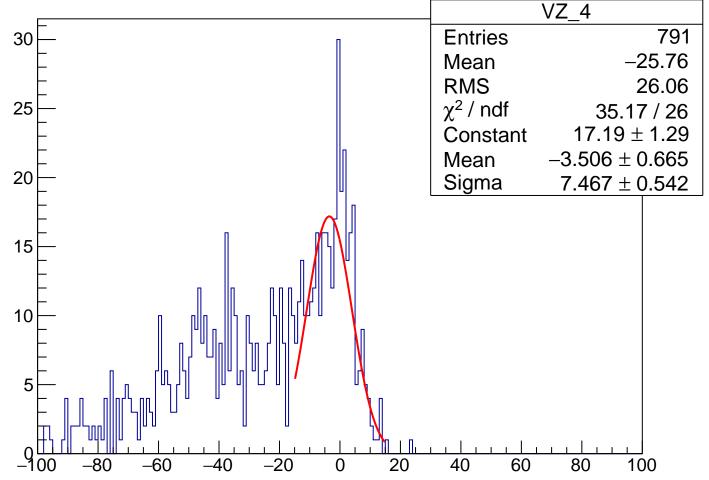
ap_22MeV_L1L2VZ



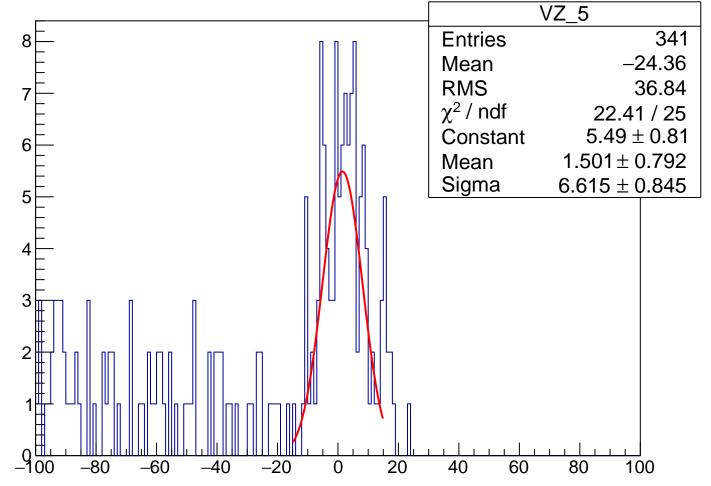
ap_22MeV_L2L2VZ VZ_3 **Entries** 20 Mean 2.604 **RMS** 8.5 χ^2 / ndf 1.976 / 11 Constant 1.27 ± 0.48 Mean -0.1383 ± 10.1162 Sigma 17.55 ± 22.84



ap_22MeV_L1L1_looseVZ

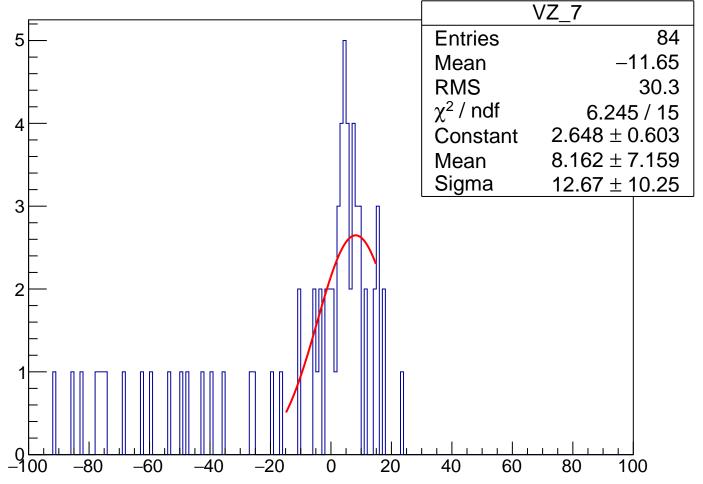


ap_22MeV_L1L2_looseVZ



ap_22MeV_L2L2_looseVZ VZ_6 **Entries** 45 4 Mean 2.252 **RMS** 10.48 3.5 χ^2 / ndf 7.016 / 21 Constant 1.349 ± 0.341 3 Mean 0.5454 ± 8.9273 Sigma 18.58 ± 20.34 2.5 2 1.5 0.5 -100 -20 -80 -60 20 40 60 80 100 **-40**

ap_22MeV_L1L2_loose_extrapVZ



ap_22MeV_L2L2_loose_extrapVZ VZ_8 **Entries** 25 3 Mean 3.442 **RMS** 11.6 χ^2 / ndf 2.5 2.001 / 13 Constant 1.256 ± 0.478 Mean -0.2144 ± 8.9785 2 Sigma 17.34 ± 21.99 1.5 0.5 -100 -20 -80 20 40 60 80 100 -60**-40**