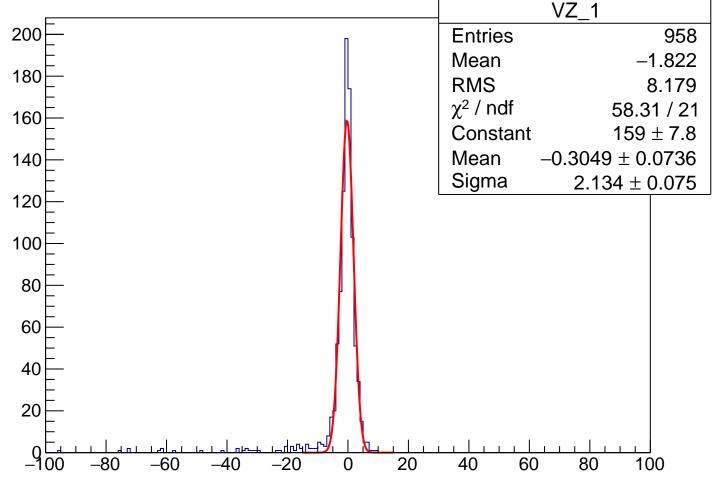
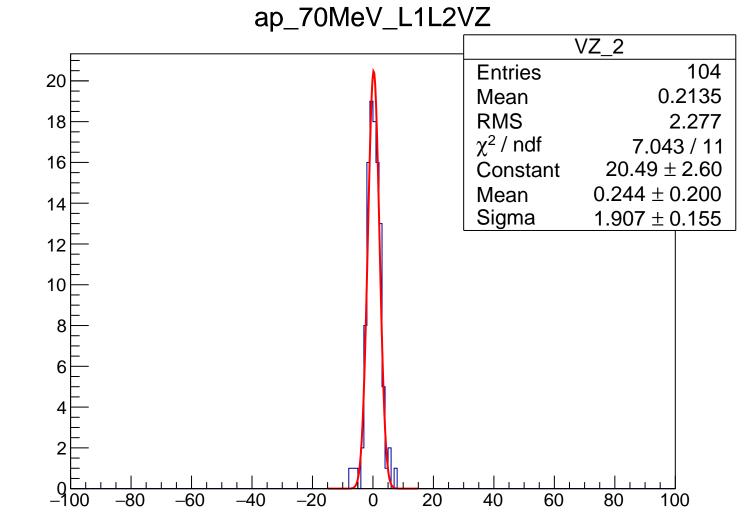
ap_70MeV_looseVZ VZ_0 450 **Entries** 2326 Mean -1.549400 **RMS** 7.98 χ^2 / ndf 140.6 / 25 350 Constant 364 ± 11.6 Mean -0.1421 ± 0.0499 300 Sigma 2.271 ± 0.052 250 200 150 100 50 -100 20 -80 -2040 60 80 100 -60

ap_70MeV_L1L1VZ





ap_70MeV_L2L2VZ VZ_3 22 **Entries** 86 20 0.2107 Mean **RMS** 2.092 18 χ^2 / ndf 6.54/8Constant 15.25 ± 2.61 16 Mean 0.3262 ± 0.2595 14 Sigma 2.112 ± 0.300 12 10 8 6 4 2 -100 -20

20

40

60

80

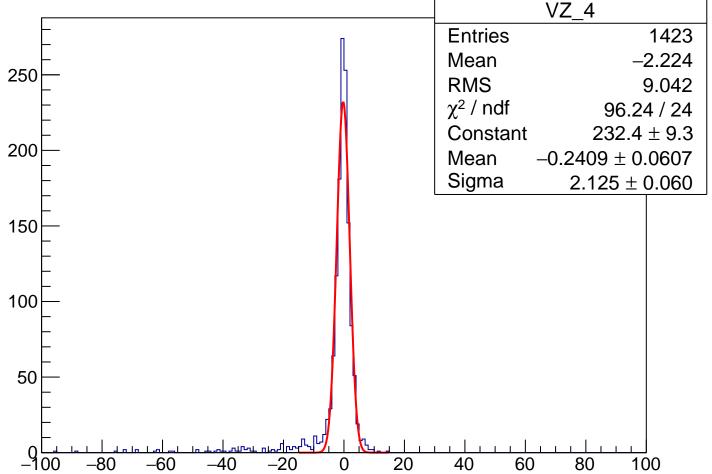
100

-80

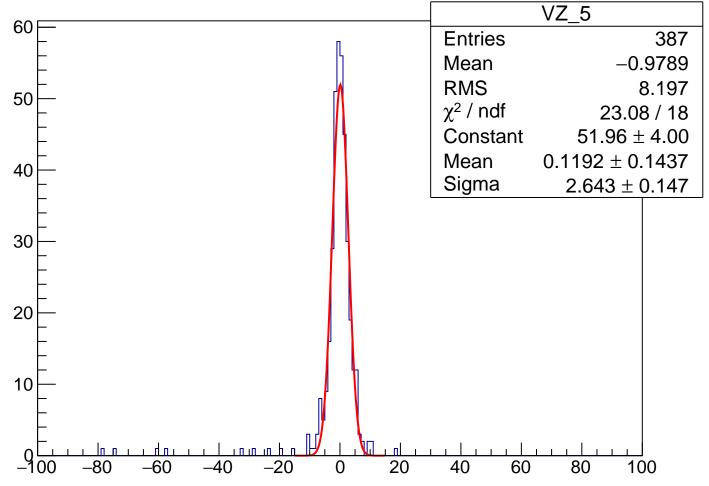
-60

-40

ap_70MeV_L1L1_looseVZ **Entries**



ap_70MeV_L1L2_looseVZ



ap_70MeV_L2L2_looseVZ VZ_6 45 236 **Entries** -0.05752Mean 40 2.697 **RMS** χ^2 / ndf 10.96 / 13 35 36.52 ± 3.15 Constant -0.225 ± 0.167 Mean 30 Sigma 2.454 ± 0.137 25 20 15 10 5 -100 -20 -80 -60 20 40 60 80 100 -40

ap_70MeV_L1L2_loose_extrapVZ VZ 7 45 234 **Entries** Mean 0.6277 40 **RMS** 3.143 χ^2 / ndf 18.67 / 16 35 Constant 37.72 ± 3.61 Mean 0.5608 ± 0.1604 30 Sigma 2.268 ± 0.153 25 20 15 10 5 -100 -80 -60 -2020 40 60 80 100 -40

ap_70MeV_L2L2_loose_extrapVZ VZ_8 **Entries** 200 40 0.003631 Mean **RMS** 2.342 35 χ^2 / ndf 9.056 / 12 33.84 ± 3.24 Constant 30 -0.03389 ± 0.16547 Mean Sigma 2.255 ± 0.144 25 20 15 10 5 -100 -20 -80 -60 20 40 60 80 100 -40