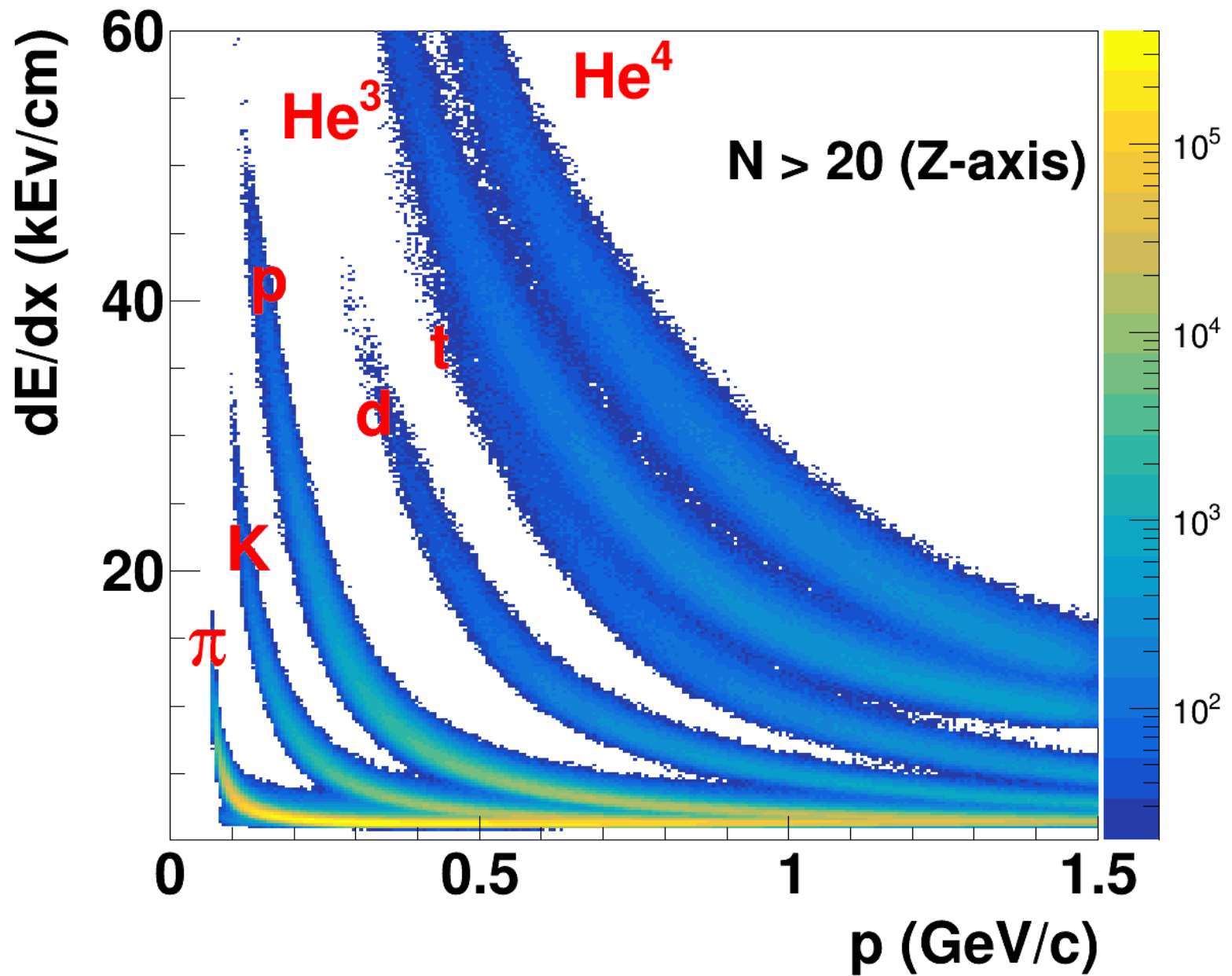


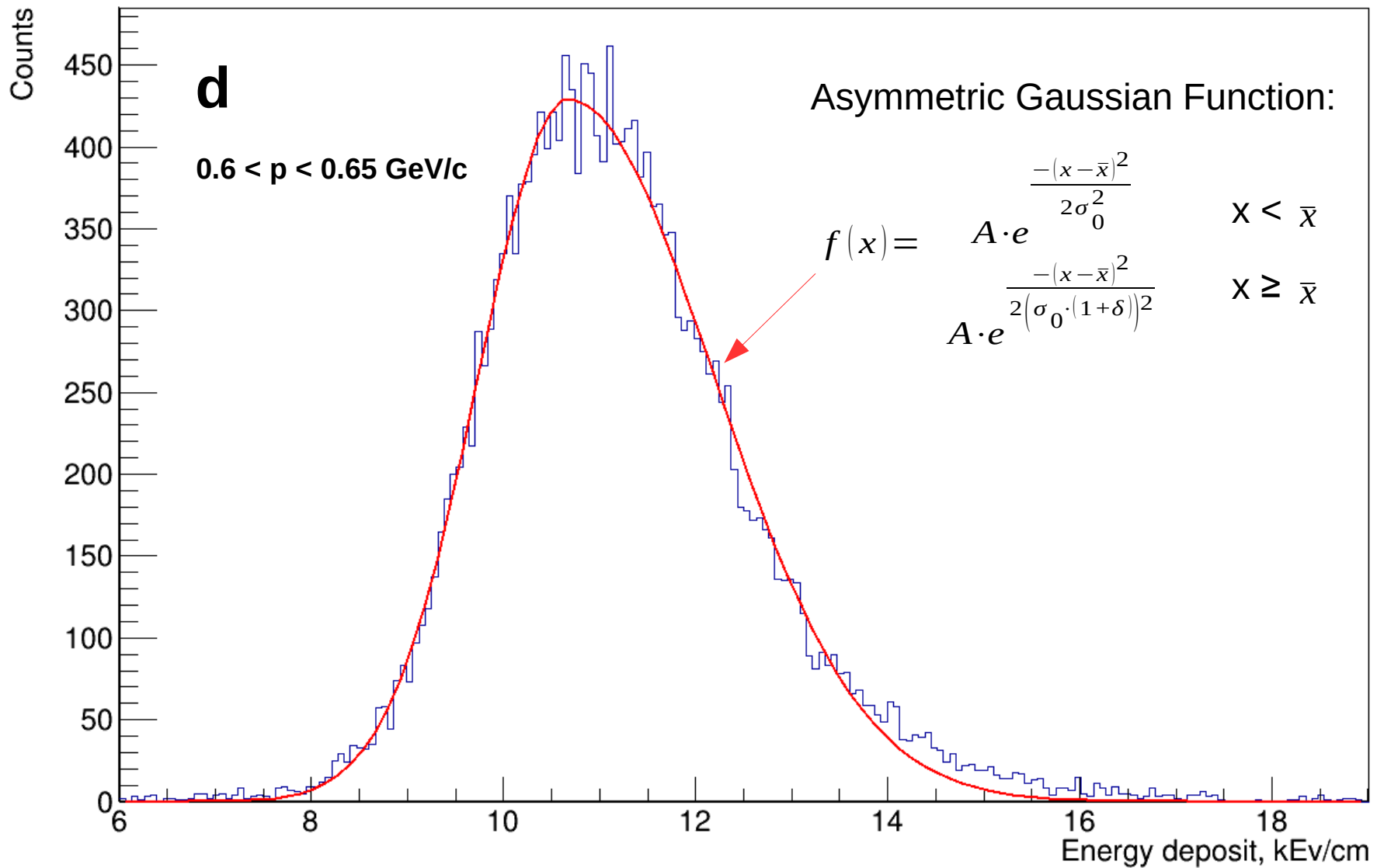
# Data set

- **PHQMD simulation at 8.8 GeV ( 199k events ) + BOX generator ( 10 *d*, 10 *t*, 10 *He*<sup>3</sup> and 10 *He*<sup>4</sup> per event )**
- **Primary Particles ( via GEANT )**
- **$N_{\text{hits}} \geq 20$**
- **$|\eta| < 1.3$**

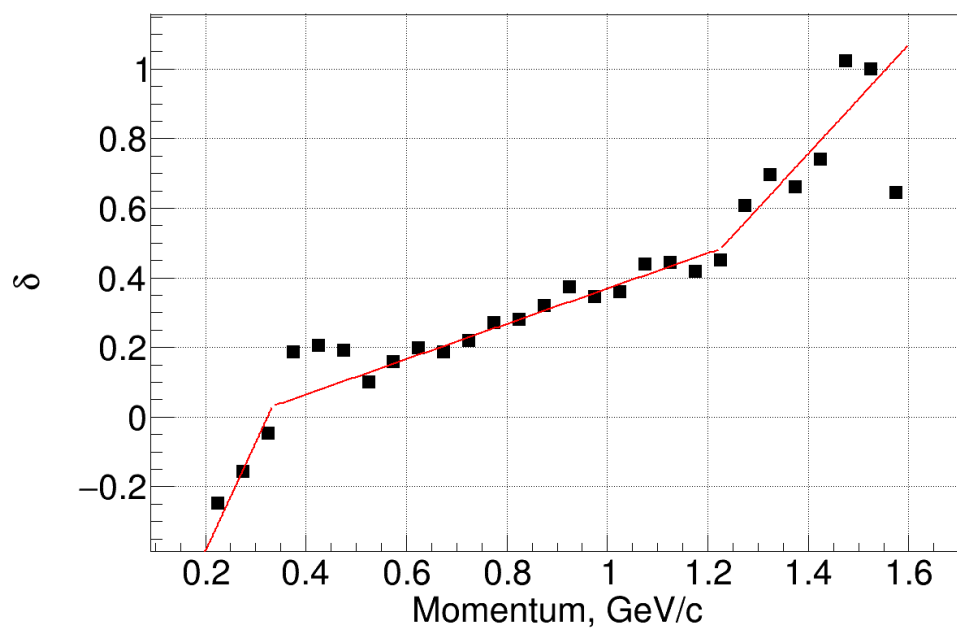
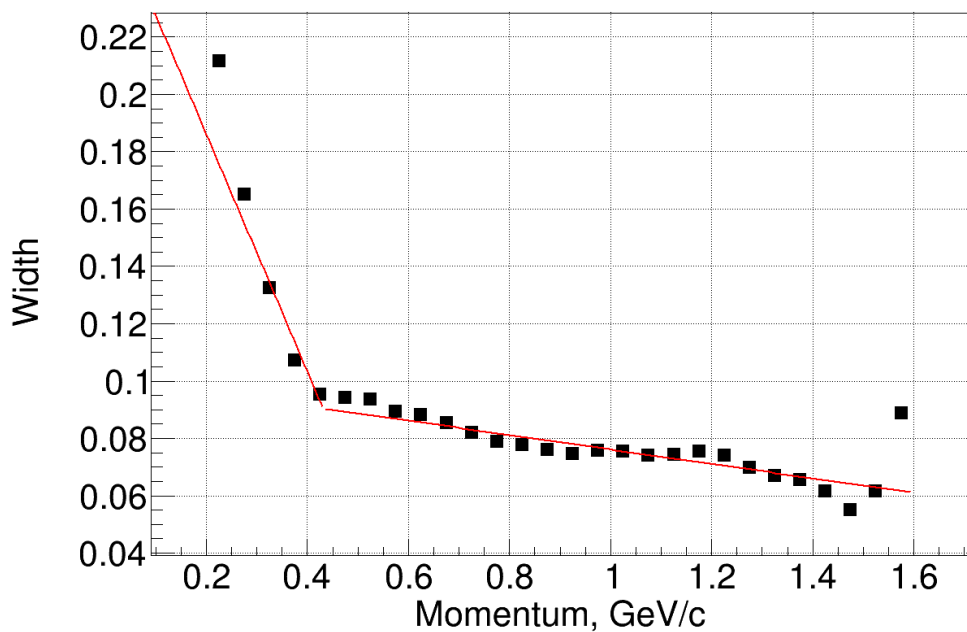
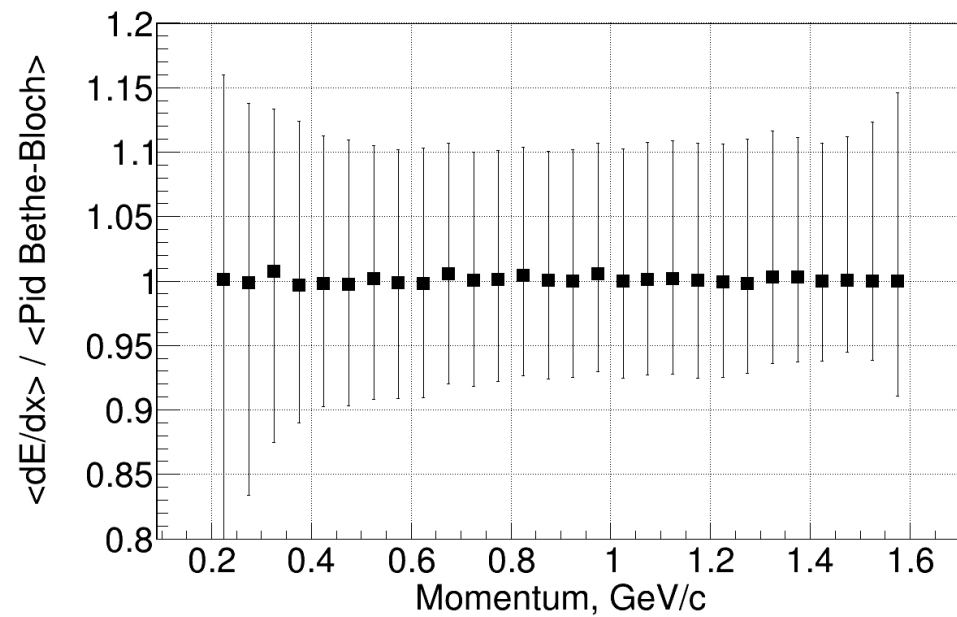
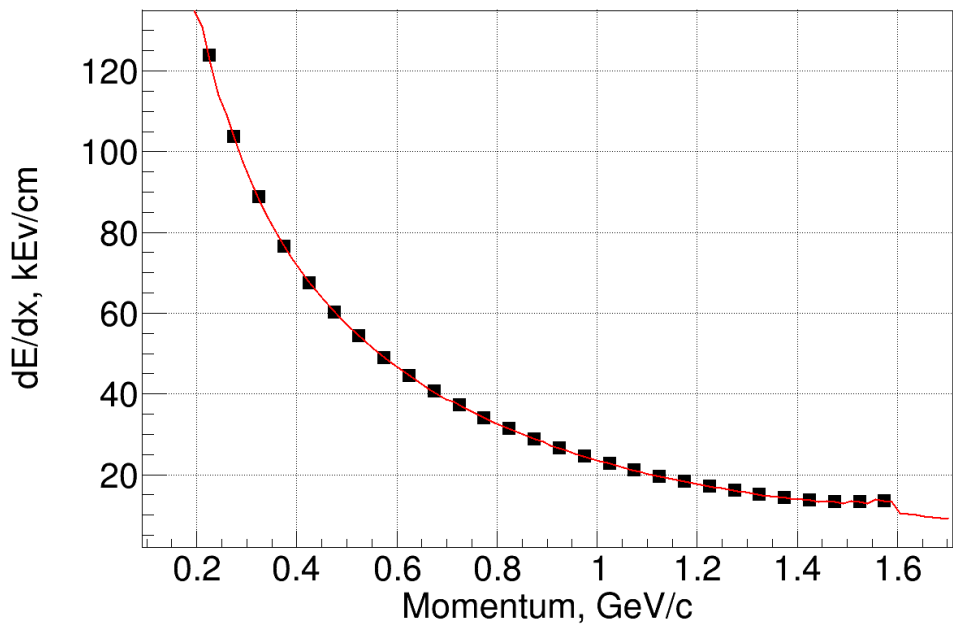
# dE/dx VS p



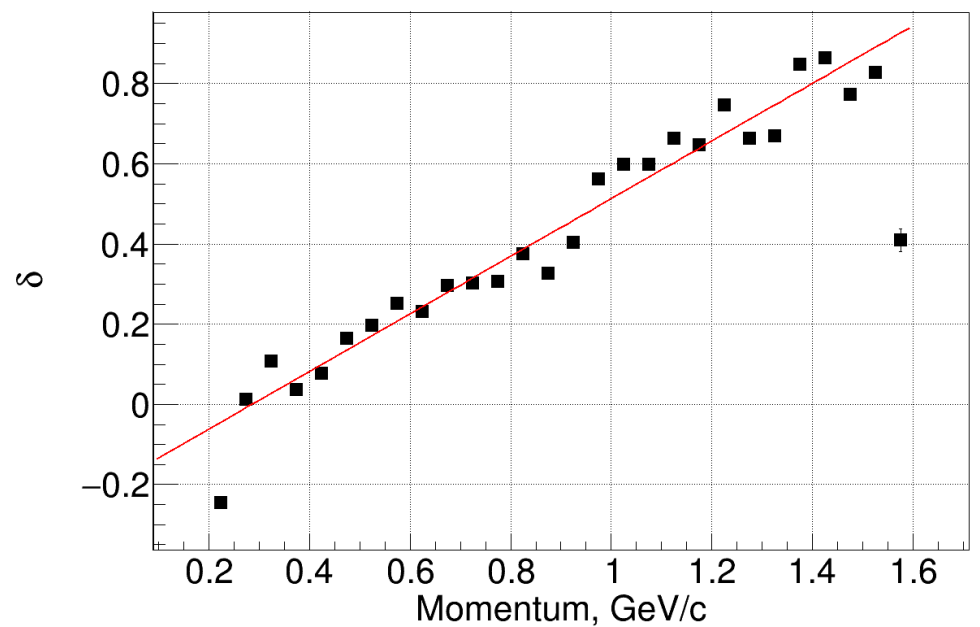
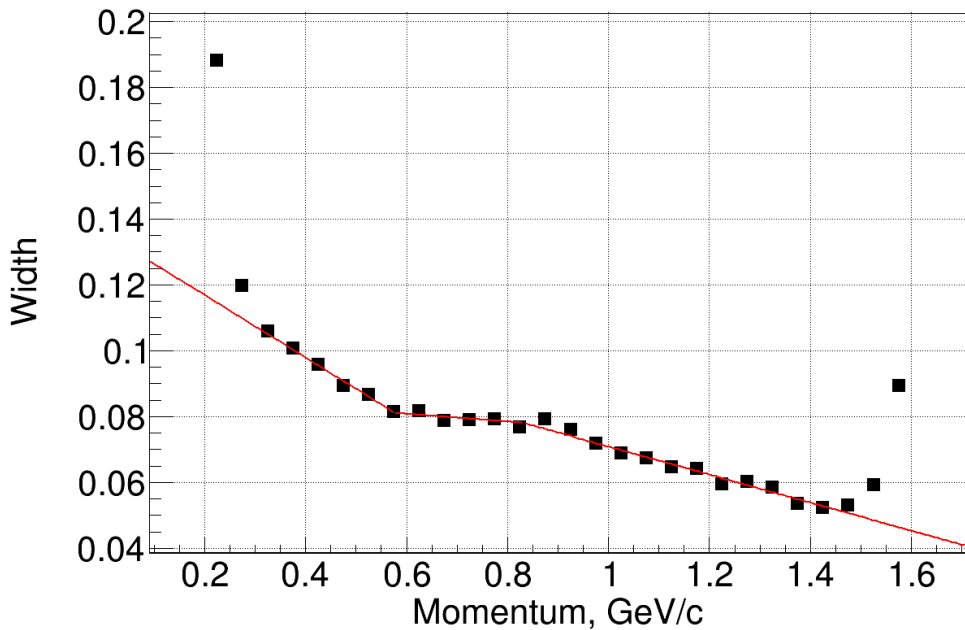
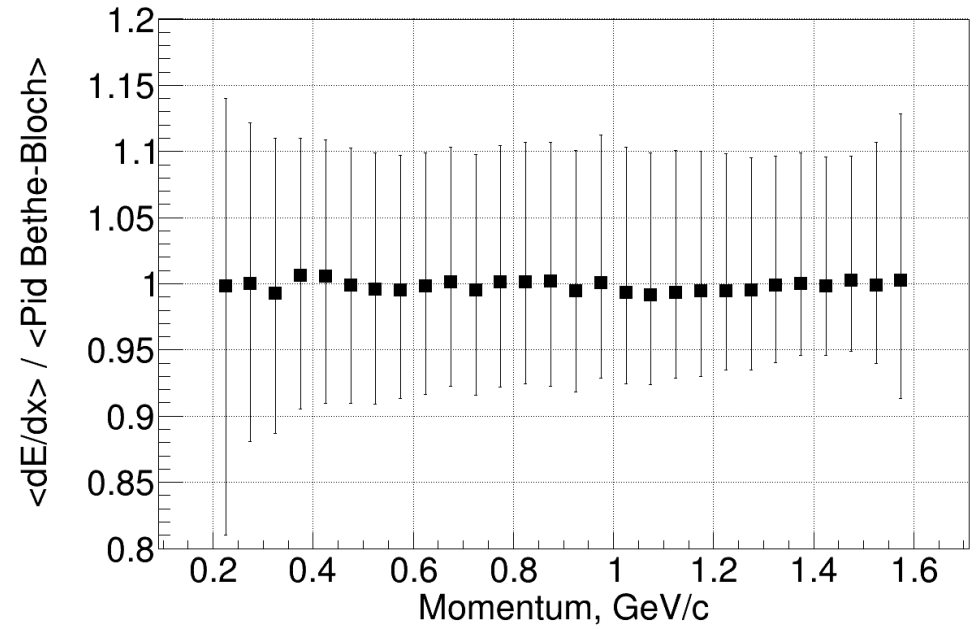
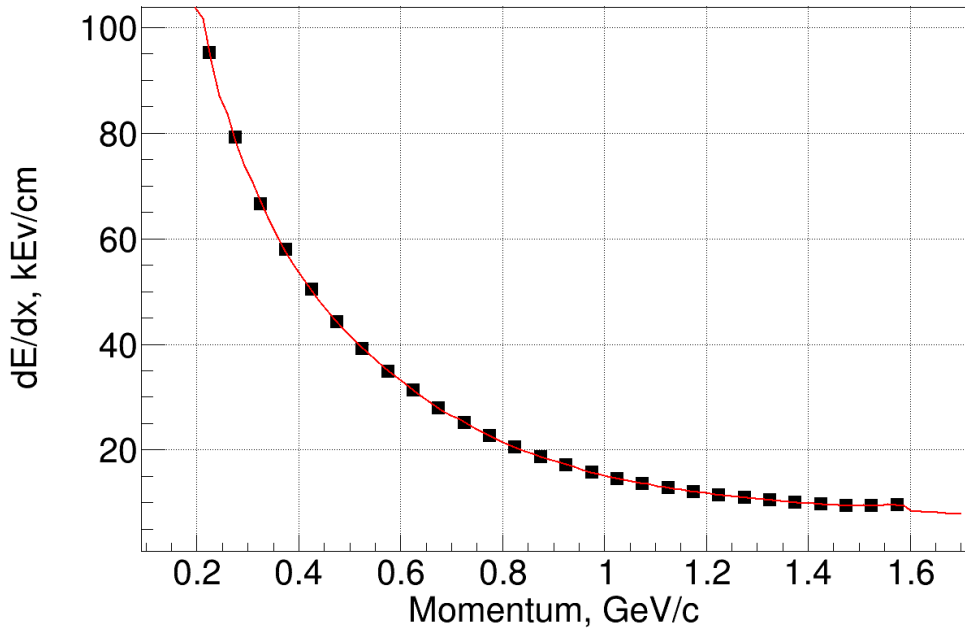
# dE/dx VS p



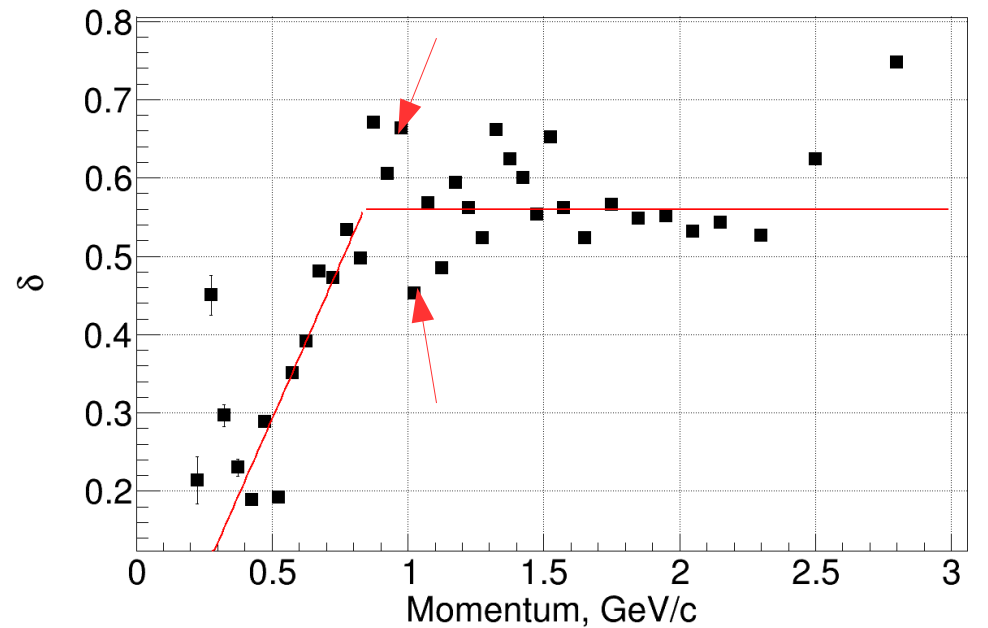
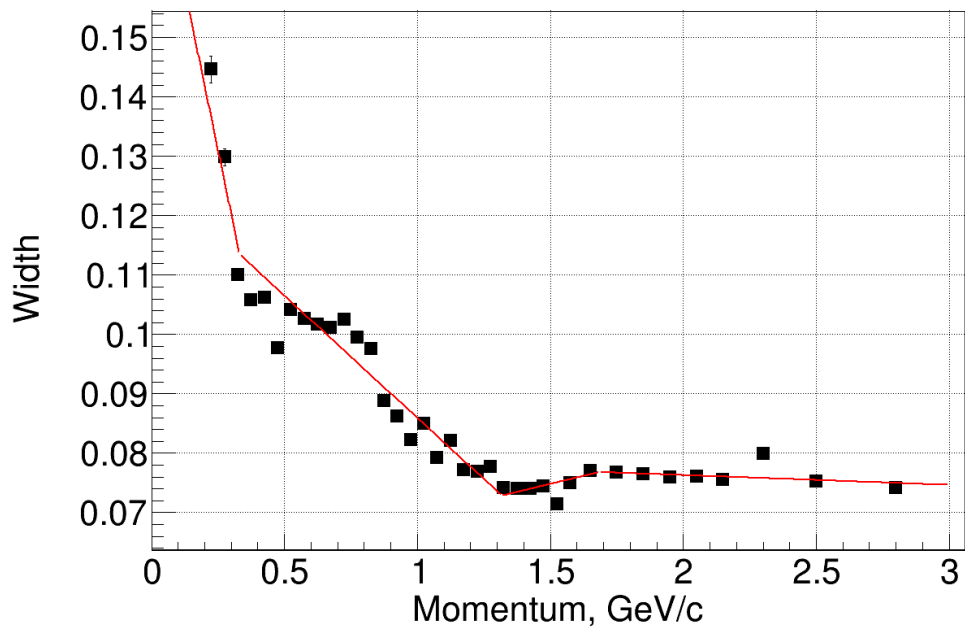
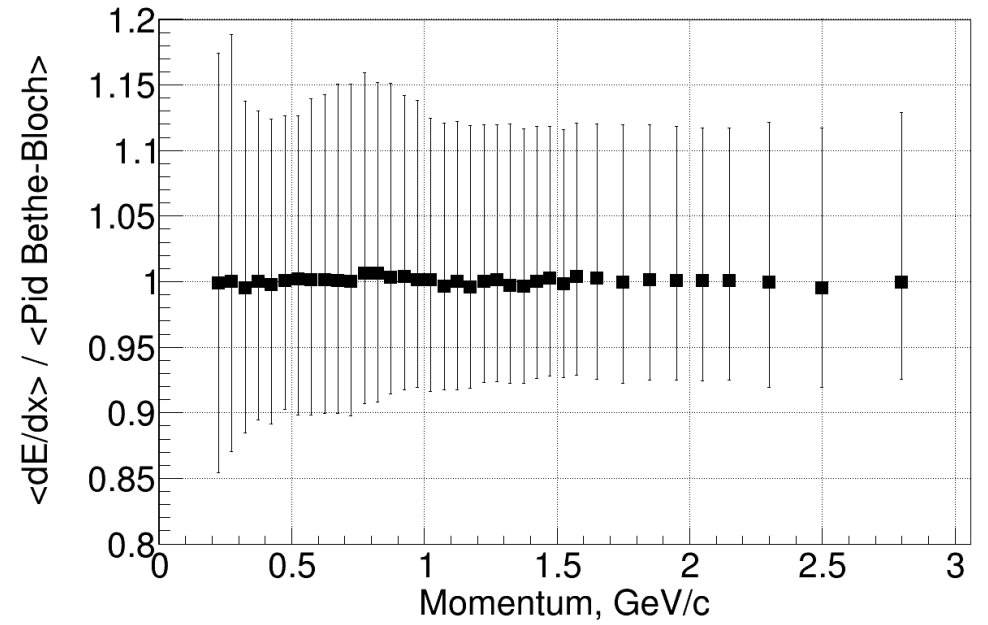
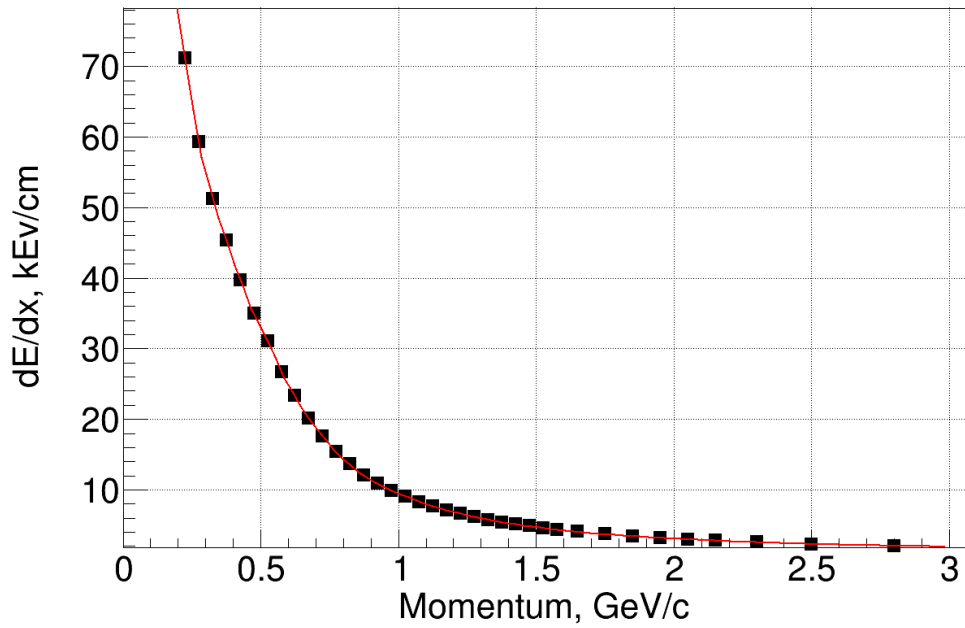
# He<sup>4</sup>



# He<sup>3</sup>

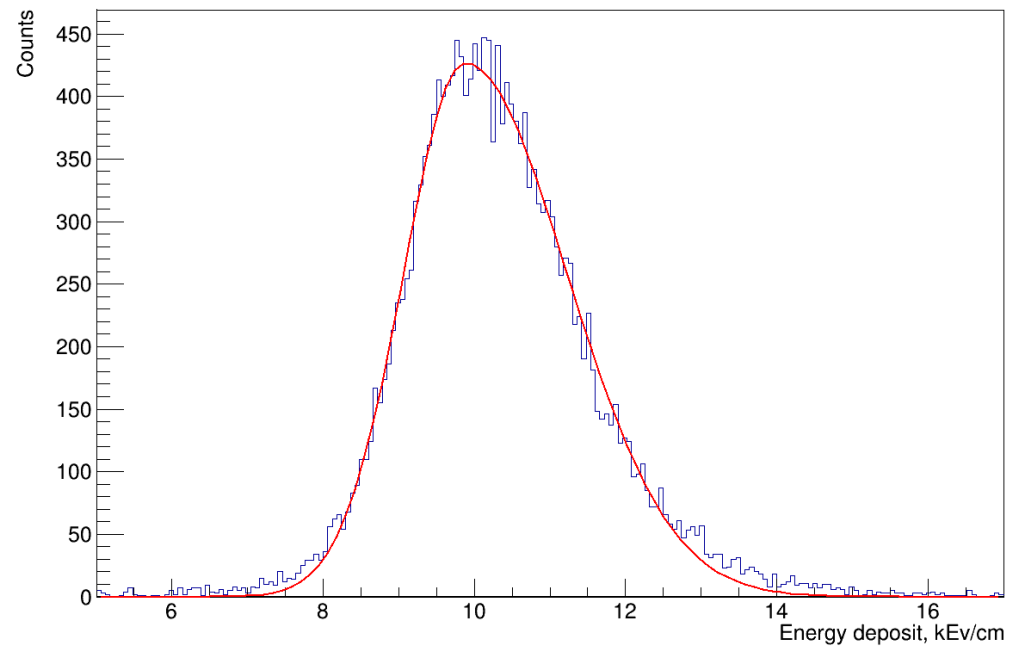


# Tritons

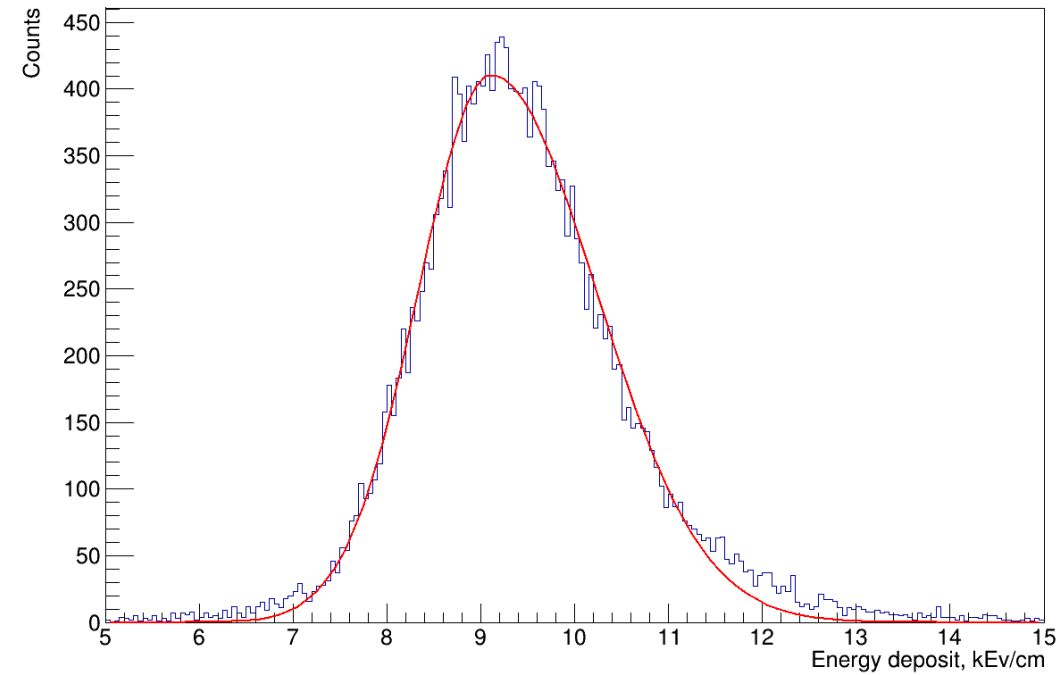


# Tritons

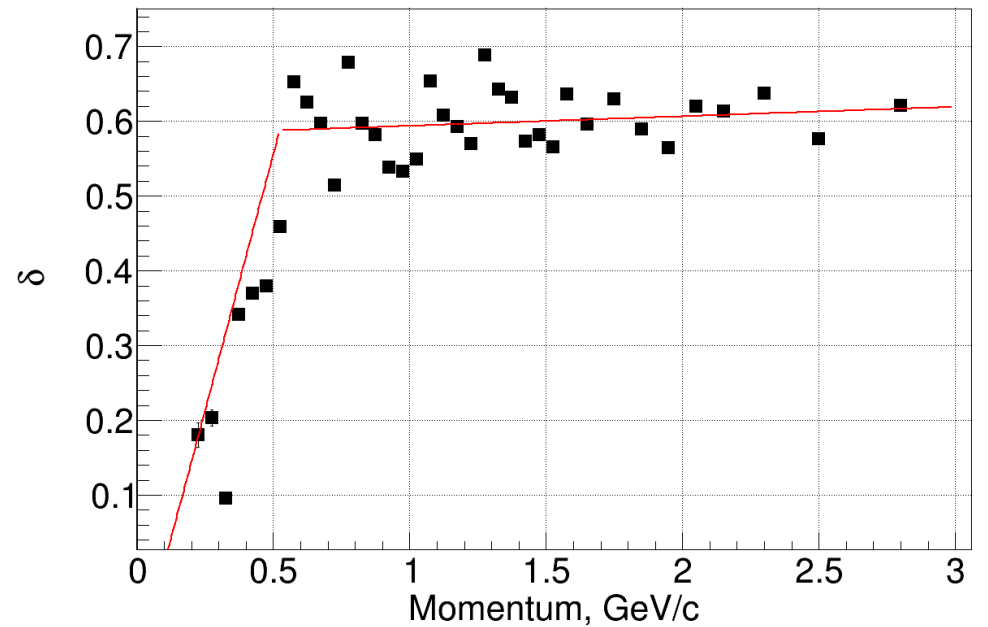
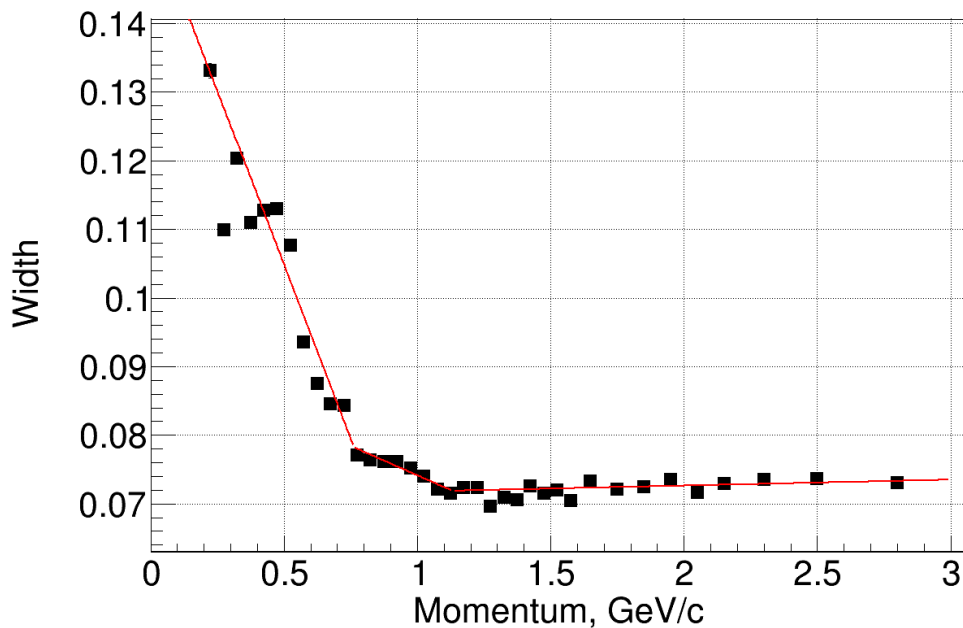
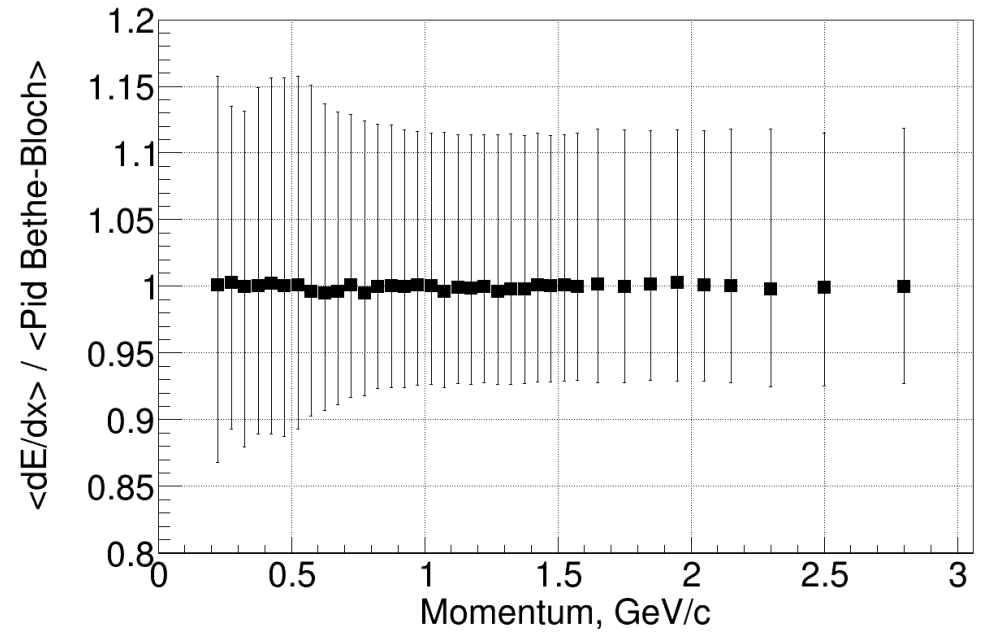
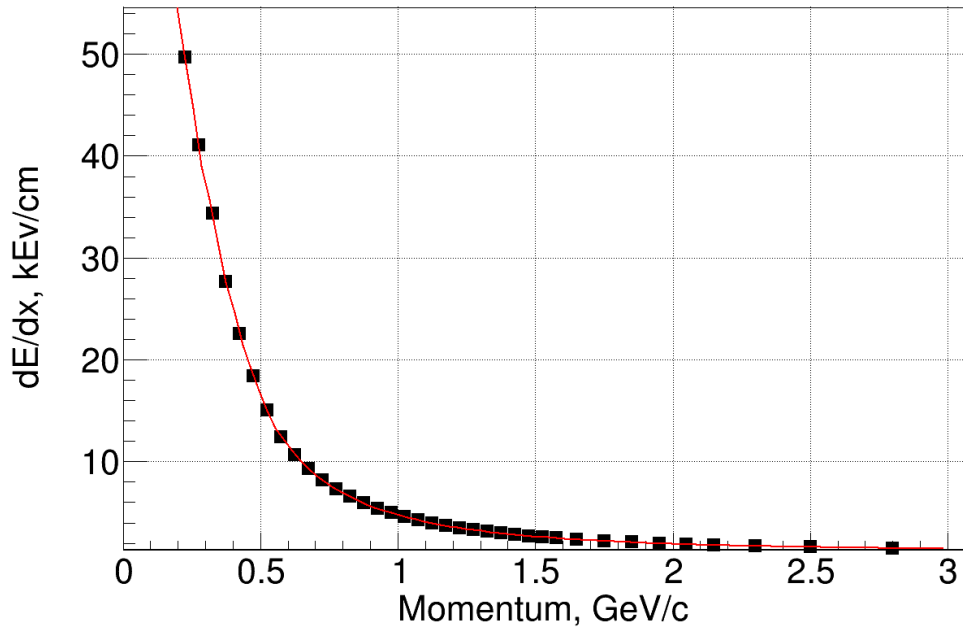
$0.95 < p < 1.00$  GeV/c



$1.00 < p < 1.05$  GeV/c



# Deuterons





# (anti)protons

