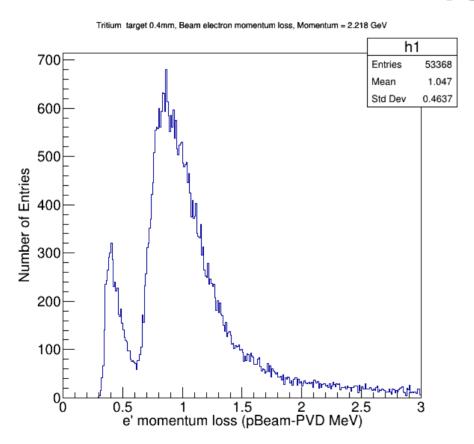
# 4/15/2021 Nathaniel Lashley-Colthirst Hampton University

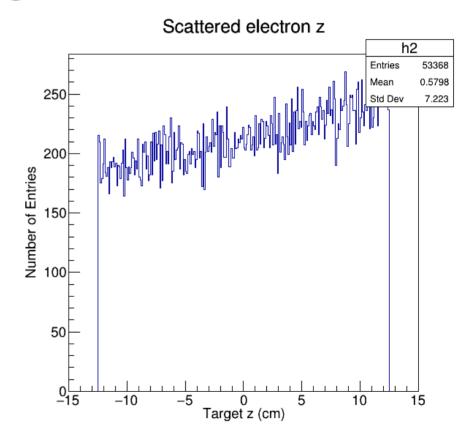
**Energy Loss** 

#### **Energy Loss**

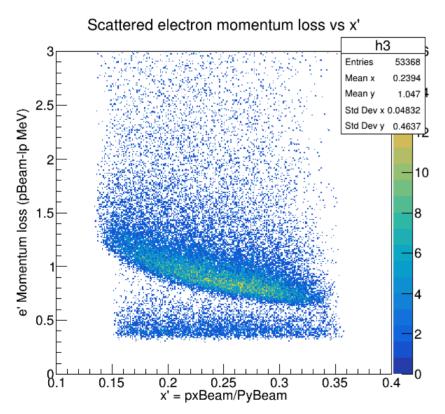
- Energy (momentum) loss for electrons and kaons through Tritium target with a thickness of 0.4 mm or 0.04 cm.
- Energy values for electrons and kaons were taken from past experiment. Electrons 2.218 GeV/c and kaons 1.823 GeV/c.
- Energy loss for beam electrons using Aluminum target is included at the end. Energy for beam electron was 4.326 GeV.

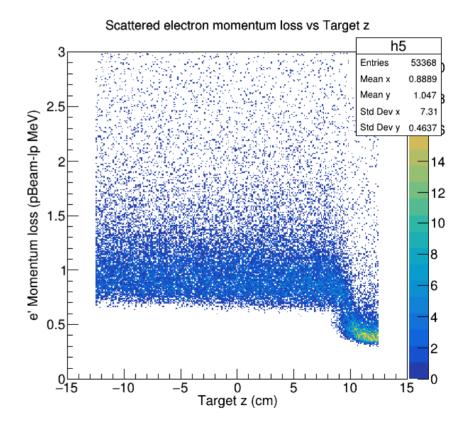
## Tritium scattered electron energy loss



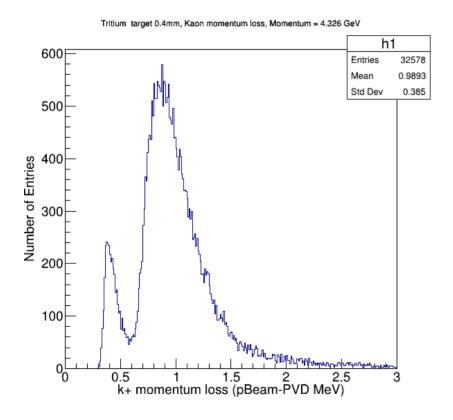


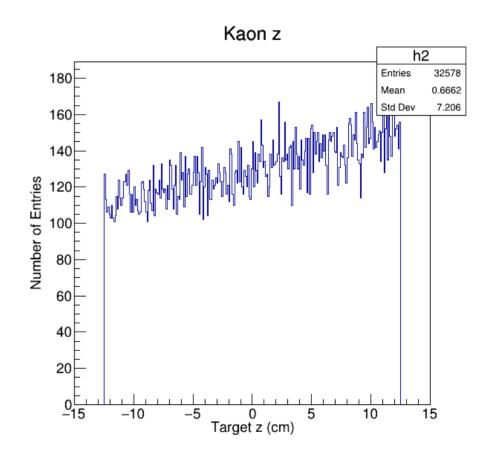
## Tritium scattered electron energy loss



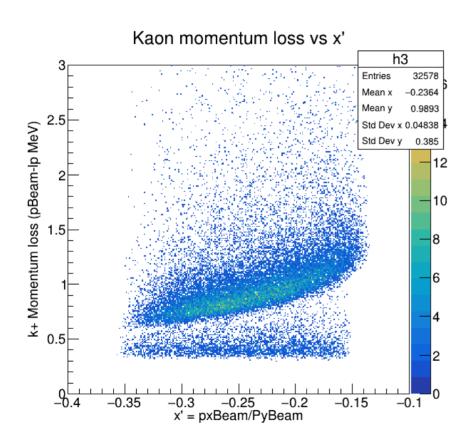


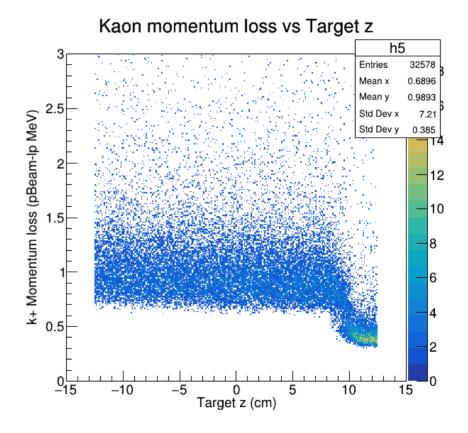
### Tritium Kaon energy loss



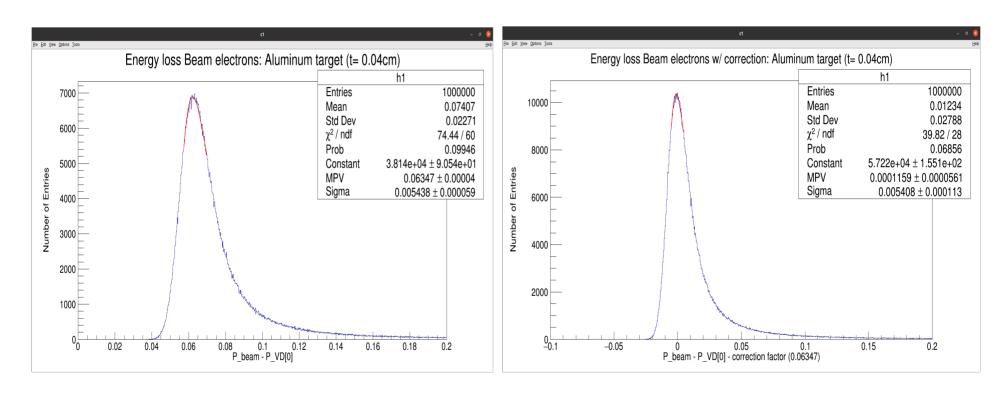


### Tritium Kaon energy loss





#### Beam electrons energy loss



#### Current work

 Currently working on fitting the energy (momentum) loss vs x' for the electrons and kaons.