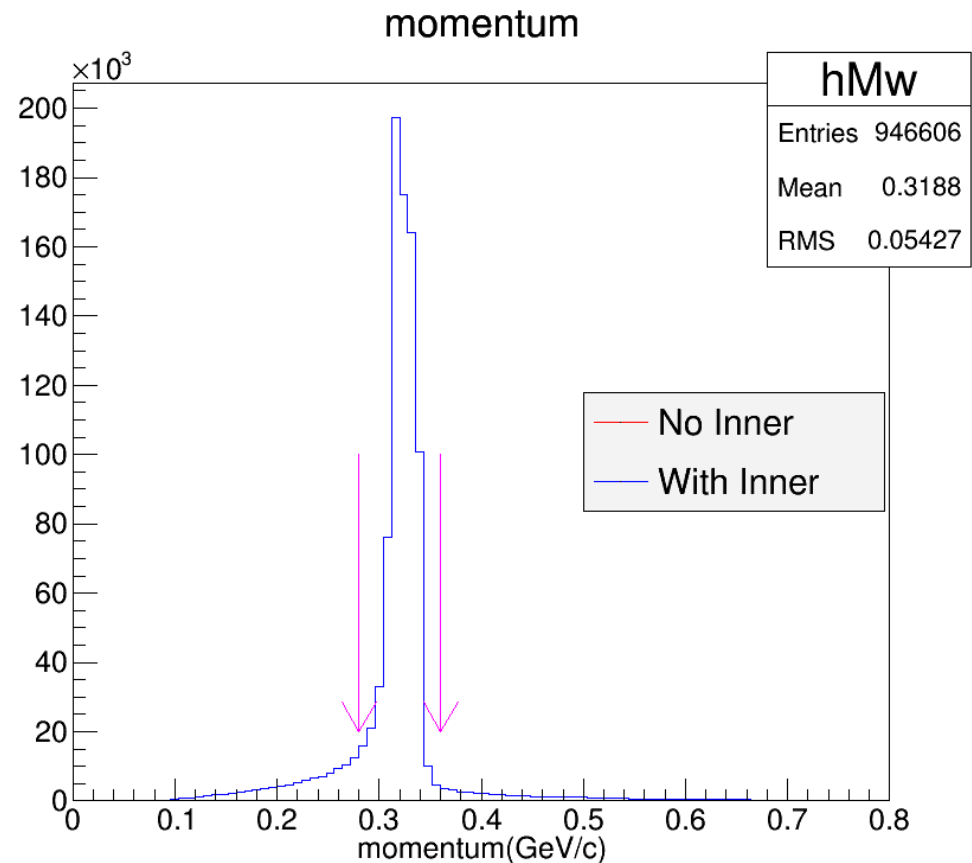
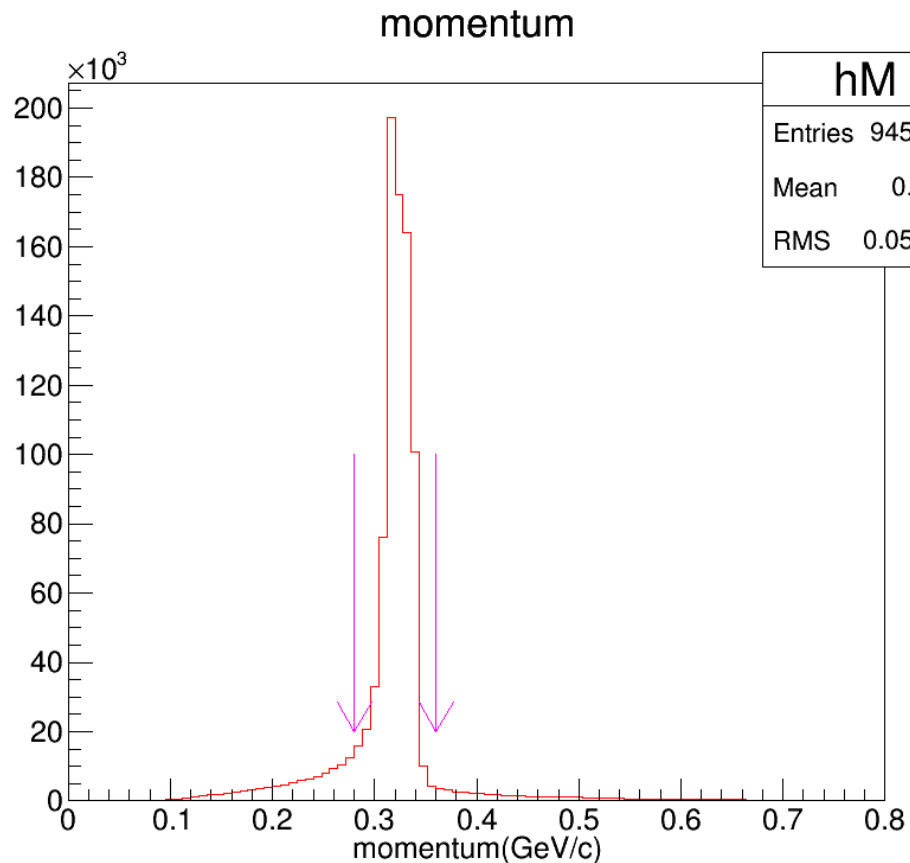


dEdx w/o inner chamber

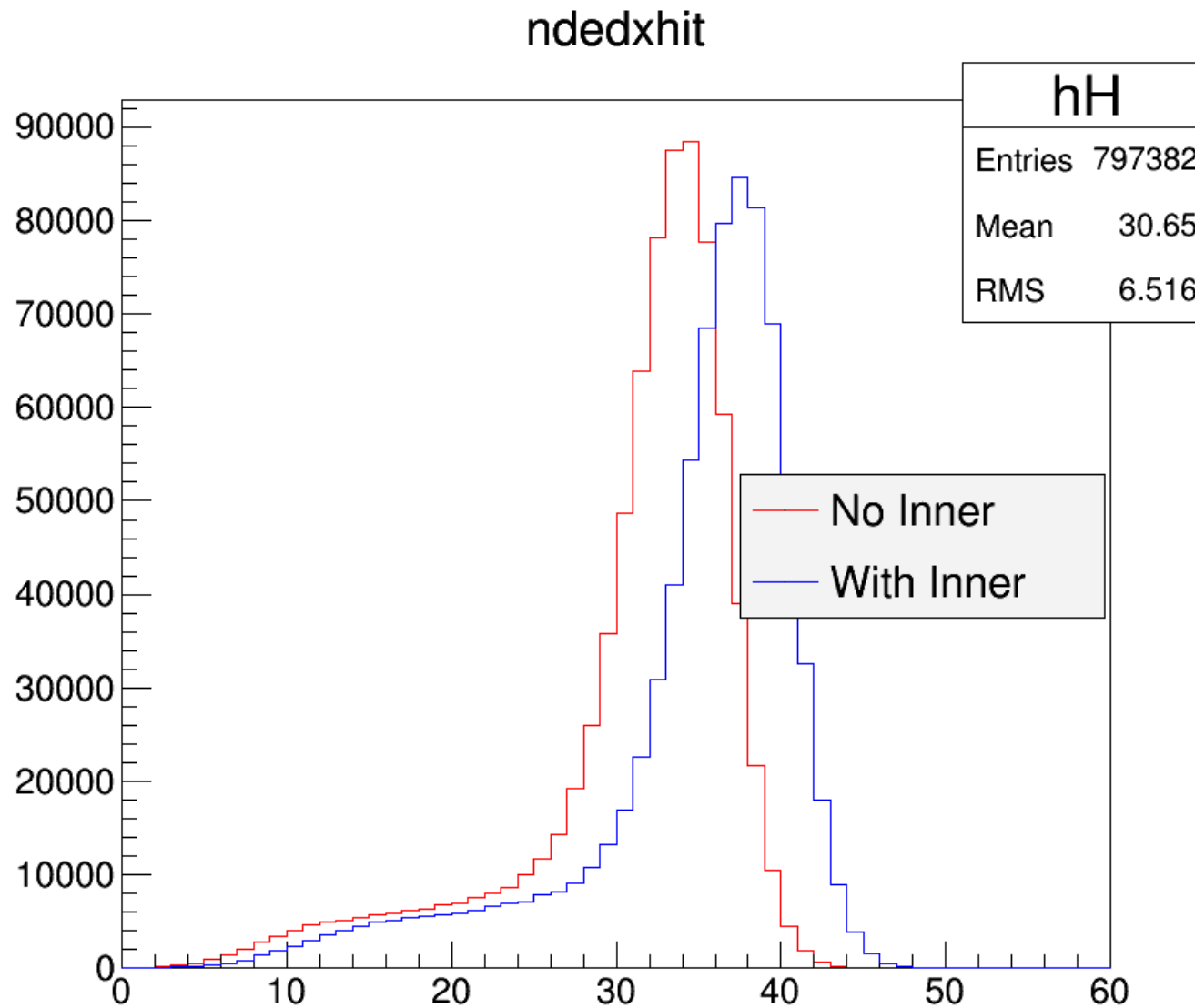
Boss 6.6.5.p01

Phokhara-00-00-17, ppbar @ $E_{\text{cms}}=2.0\text{GeV}$

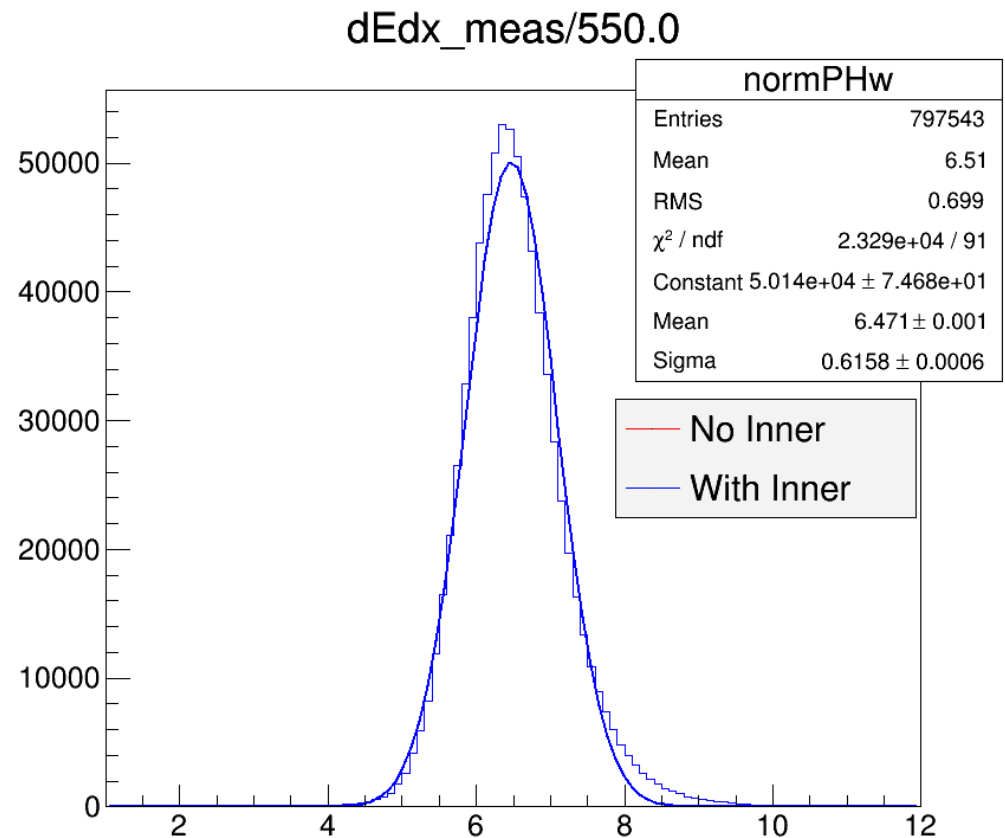
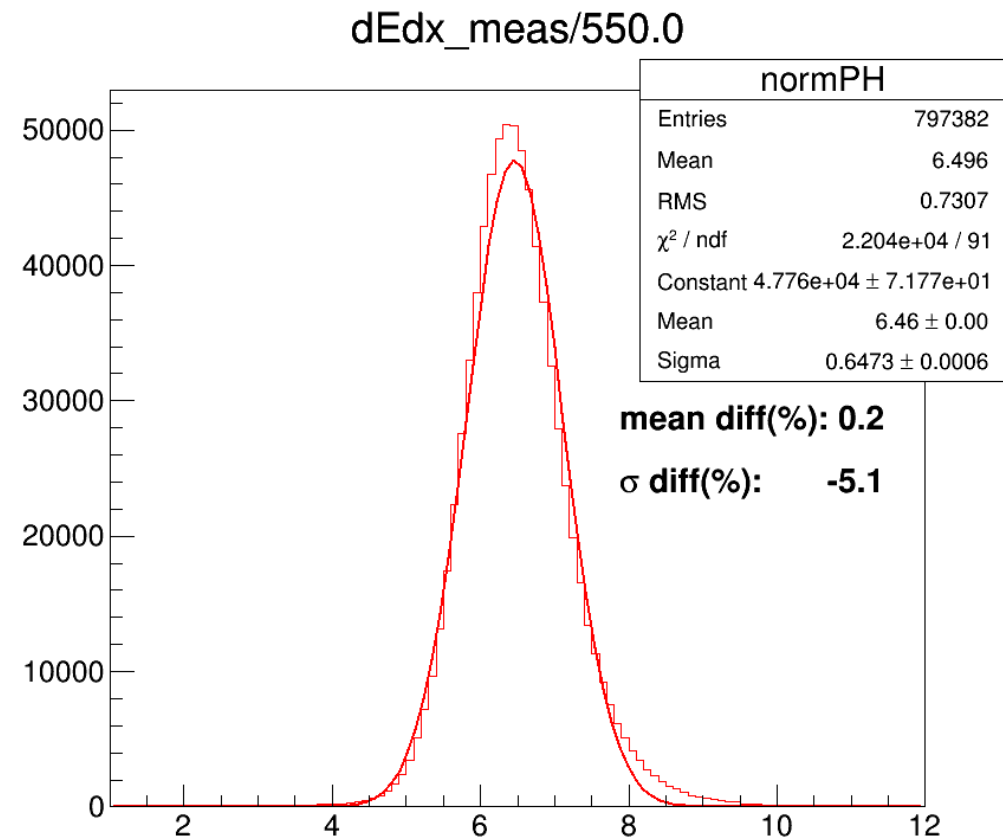
$0.28\text{GeV}/c < p_{\text{trk}} < 0.36\text{GeV}/c$, $|\cos\theta| < 0.93$



dEdx w/o inner chamber

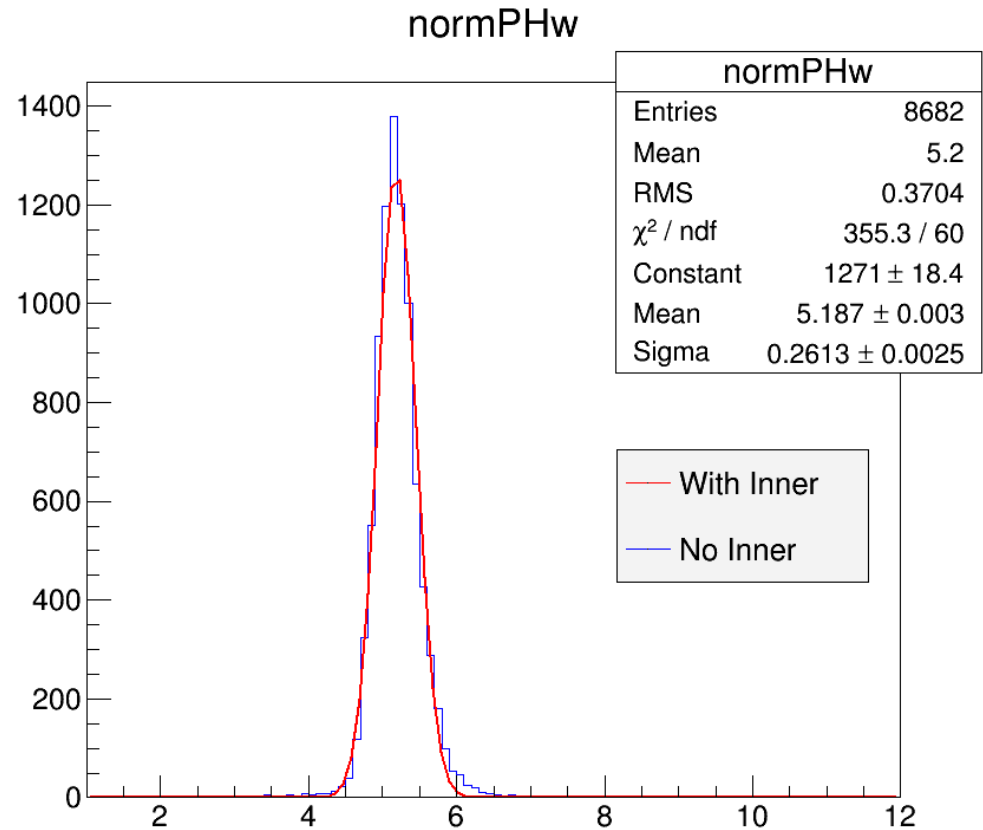
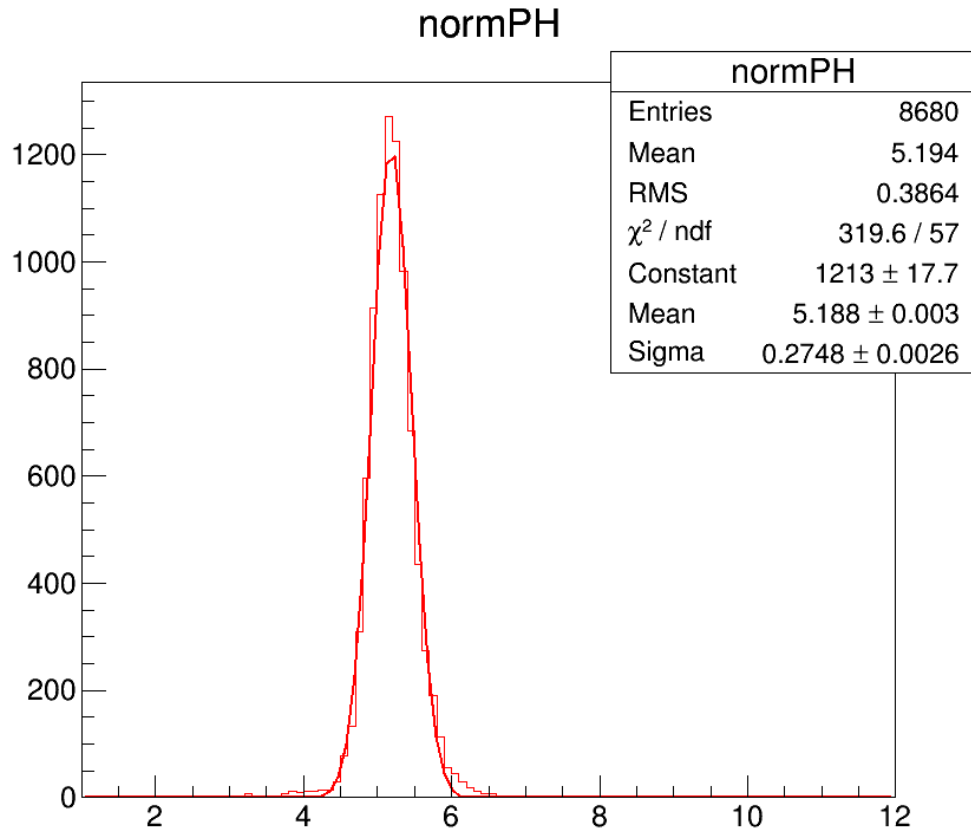


dEdx w/o inner chamber



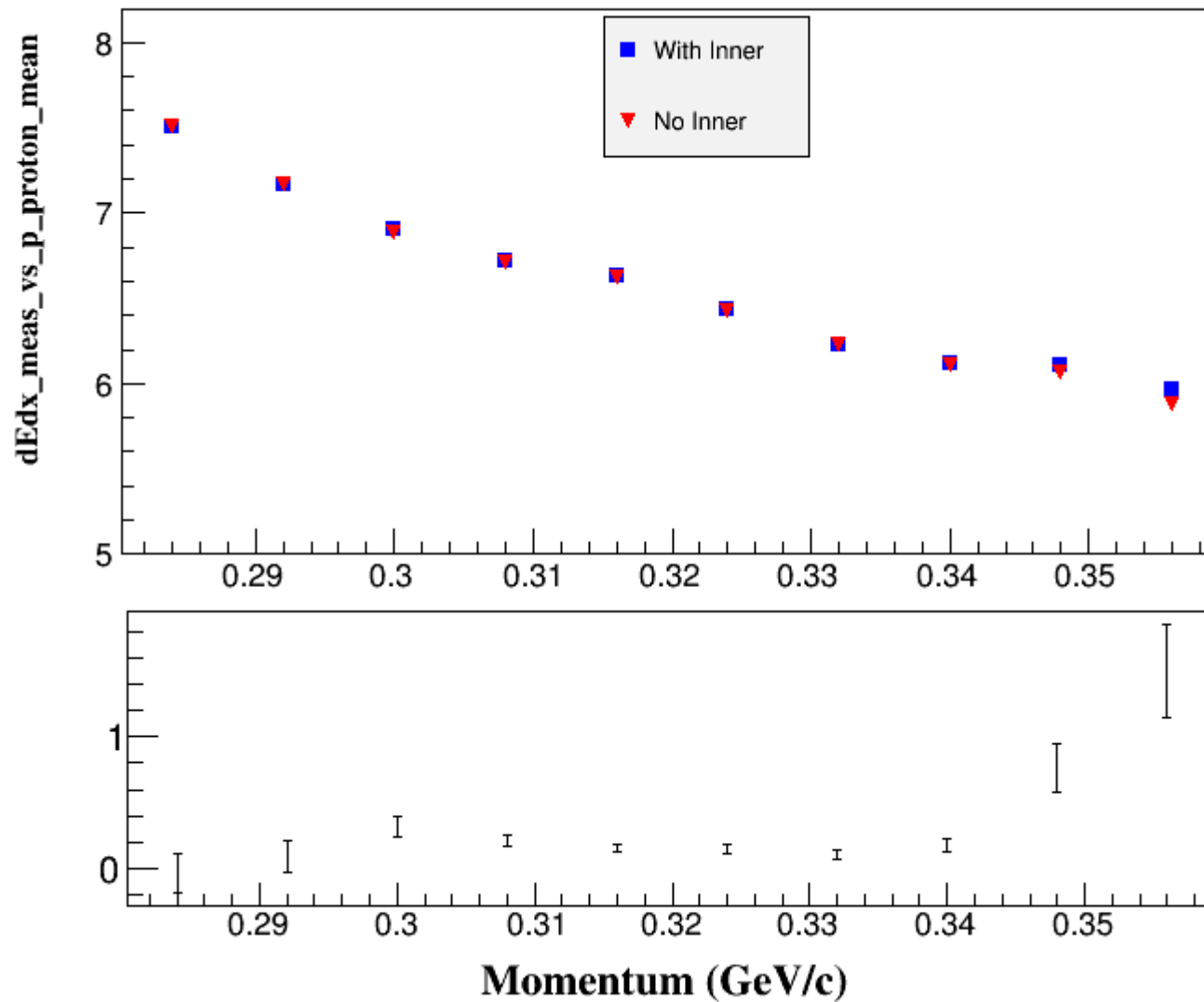
$$\text{diff} = \frac{\text{WithInner} - \text{NoInner}}{\text{WithInner}}$$

dEdx w/o inner chamber single track

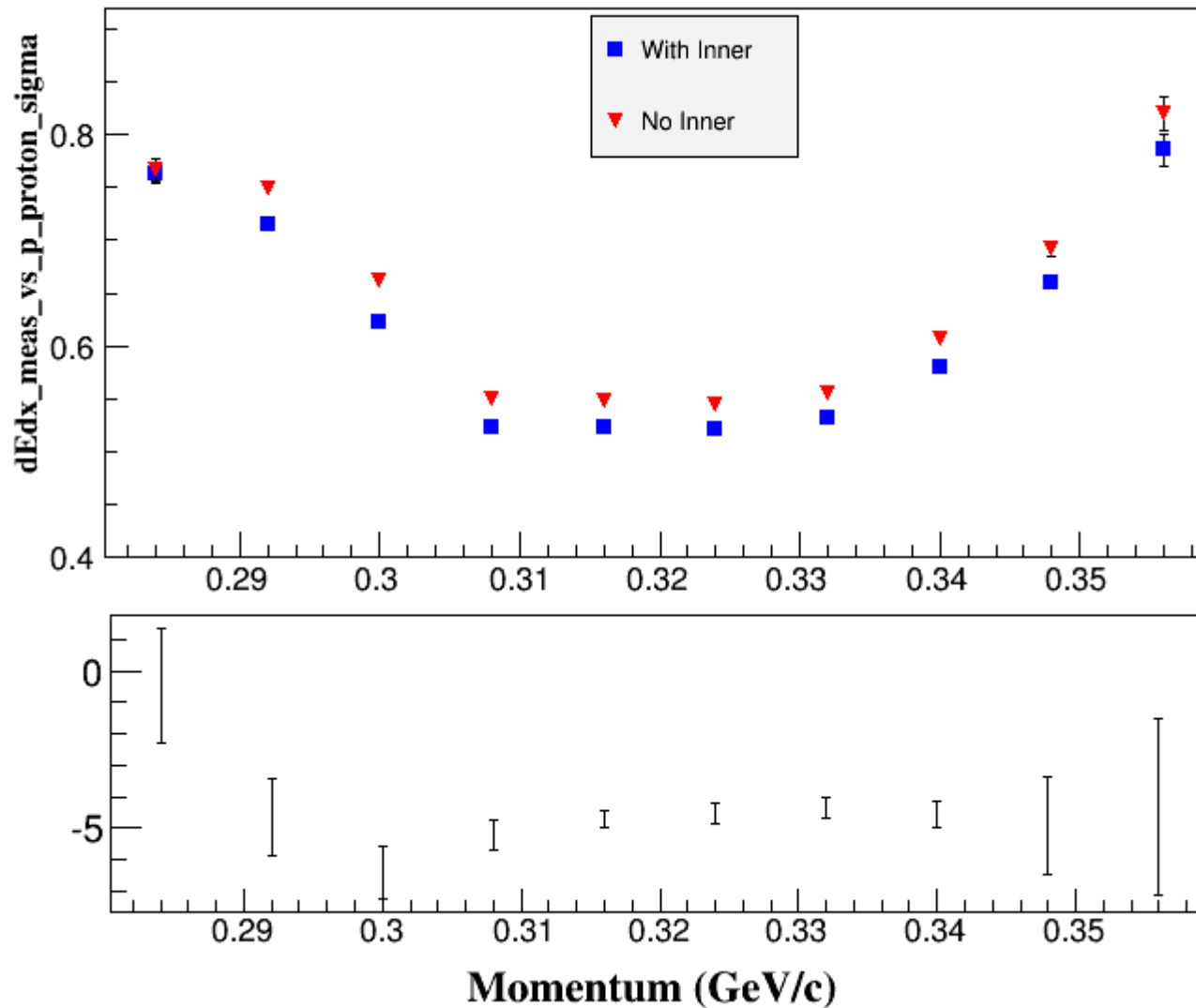


$$\text{diff} = \frac{\text{WithInner} - \text{NoInner}}{\text{WithInner}}$$

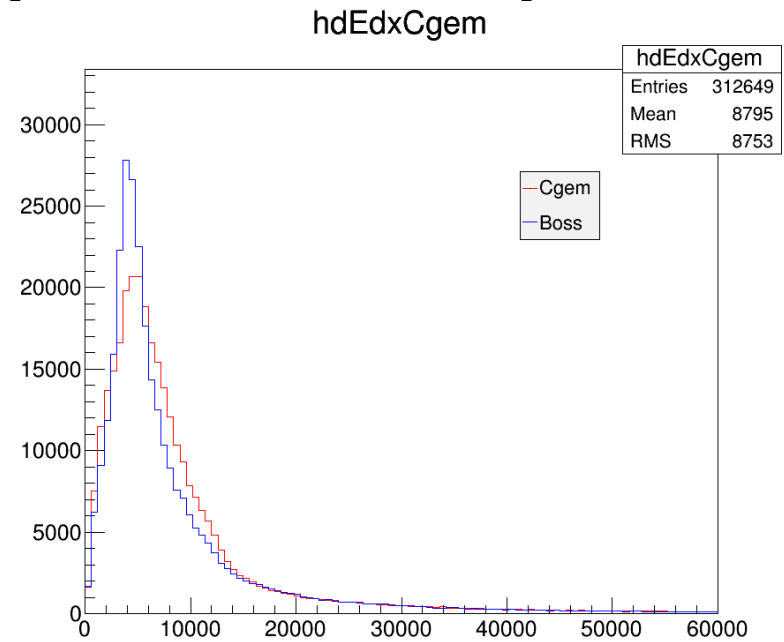
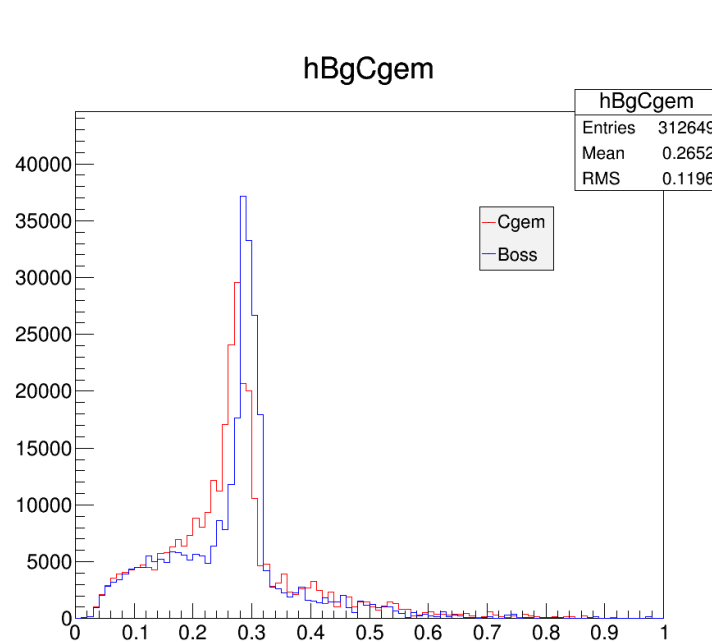
dEdx w/o inner chamber



dEdx w/o inner chamber

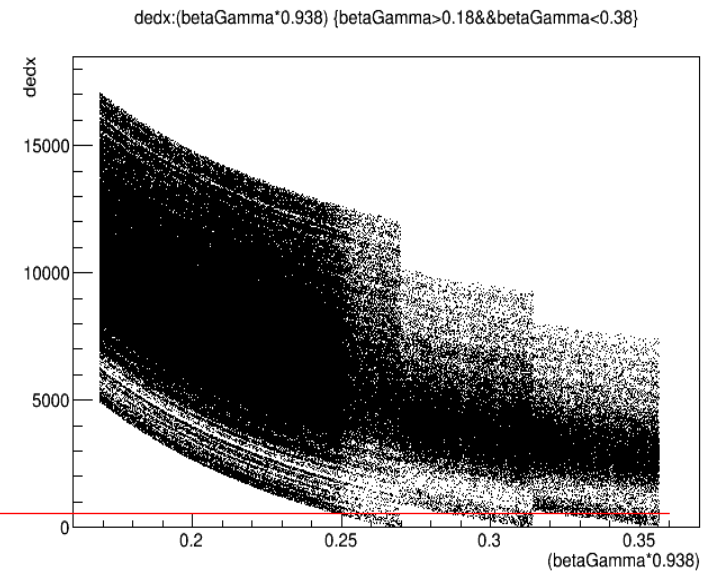


Hit level dEdx (MC truth)



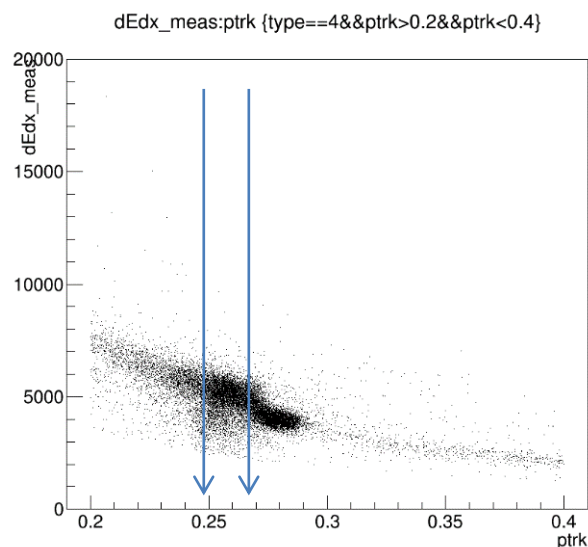
$dEdx_{hit} = rand + f(x) - f(x_0)$
 $f(x)$: Bethe Bloch formula

$E_{cms} = 1.975 \text{ GeV}$

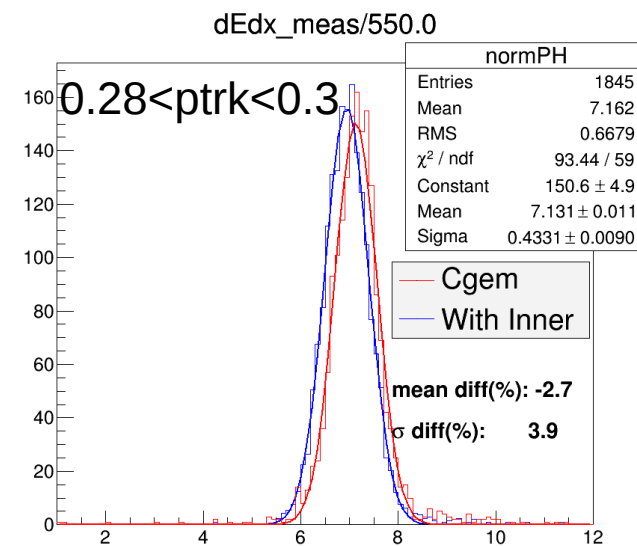
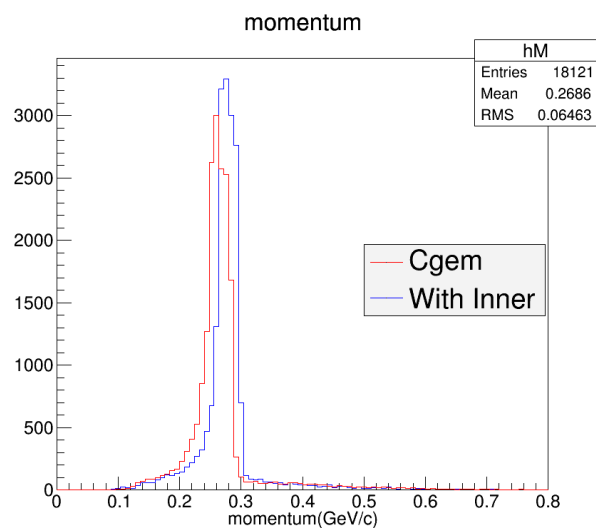
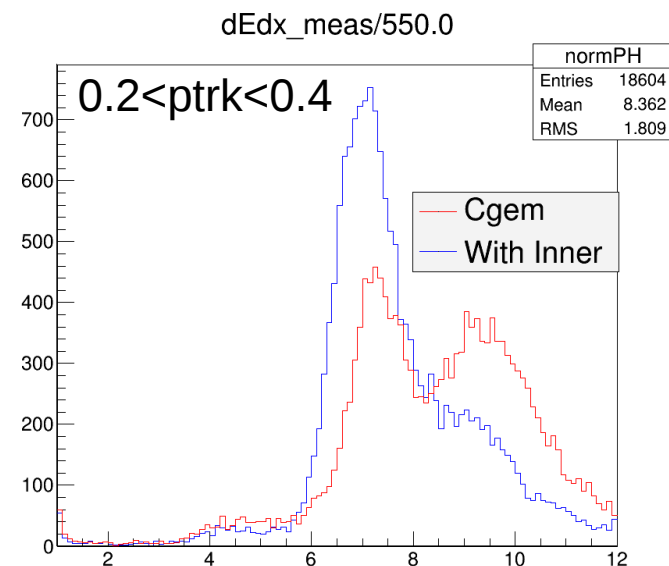


550

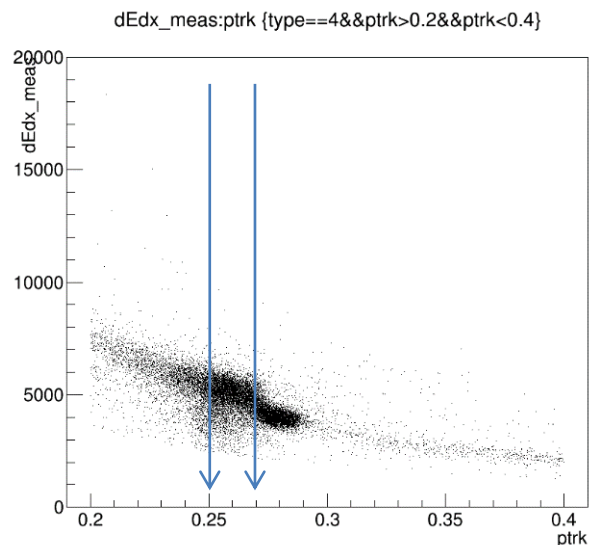
2. dEdx check (Cgem & Boss)



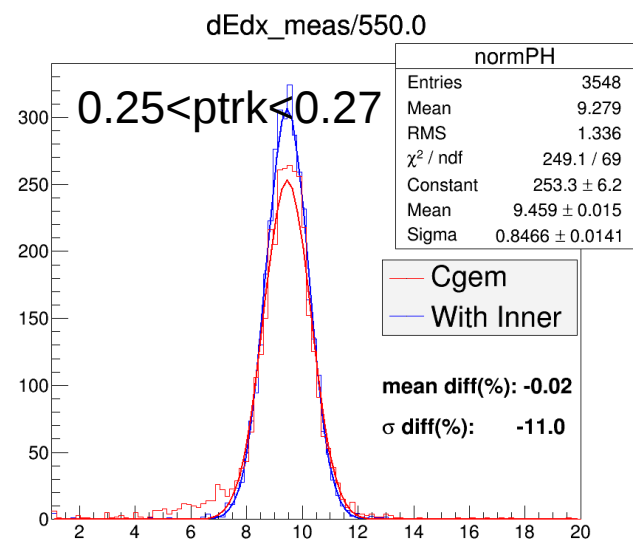
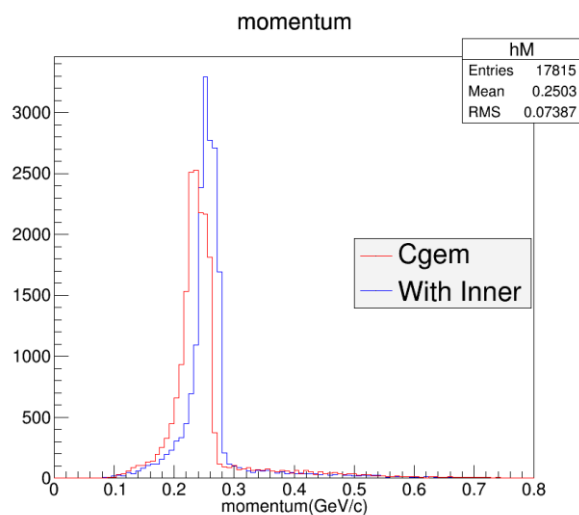
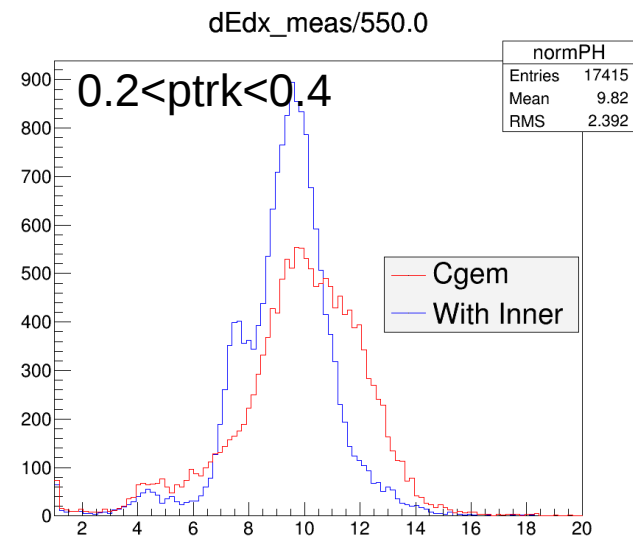
Ecms = 1.975GeV
 Cgem6.6.5b
 Boss6.6.5.p01
 Phokhara ppbar



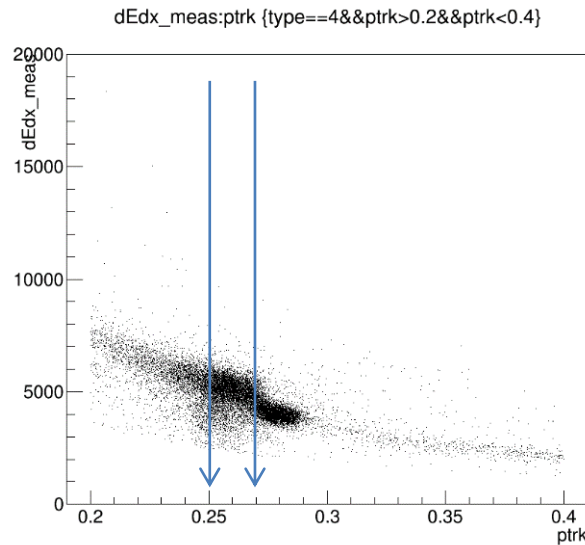
2. dEdx check (Cgem & Boss)



Ecms = 1.965GeV
 Cgem6.6.5b
 Boss6.6.5.p01
 Phokhara ppbar



2. dEdx check (Cgem & Boss)



Ecms = 1.96GeV
Cgem6.6.5b
Boss6.6.5.p01
Phokhara ppbar

