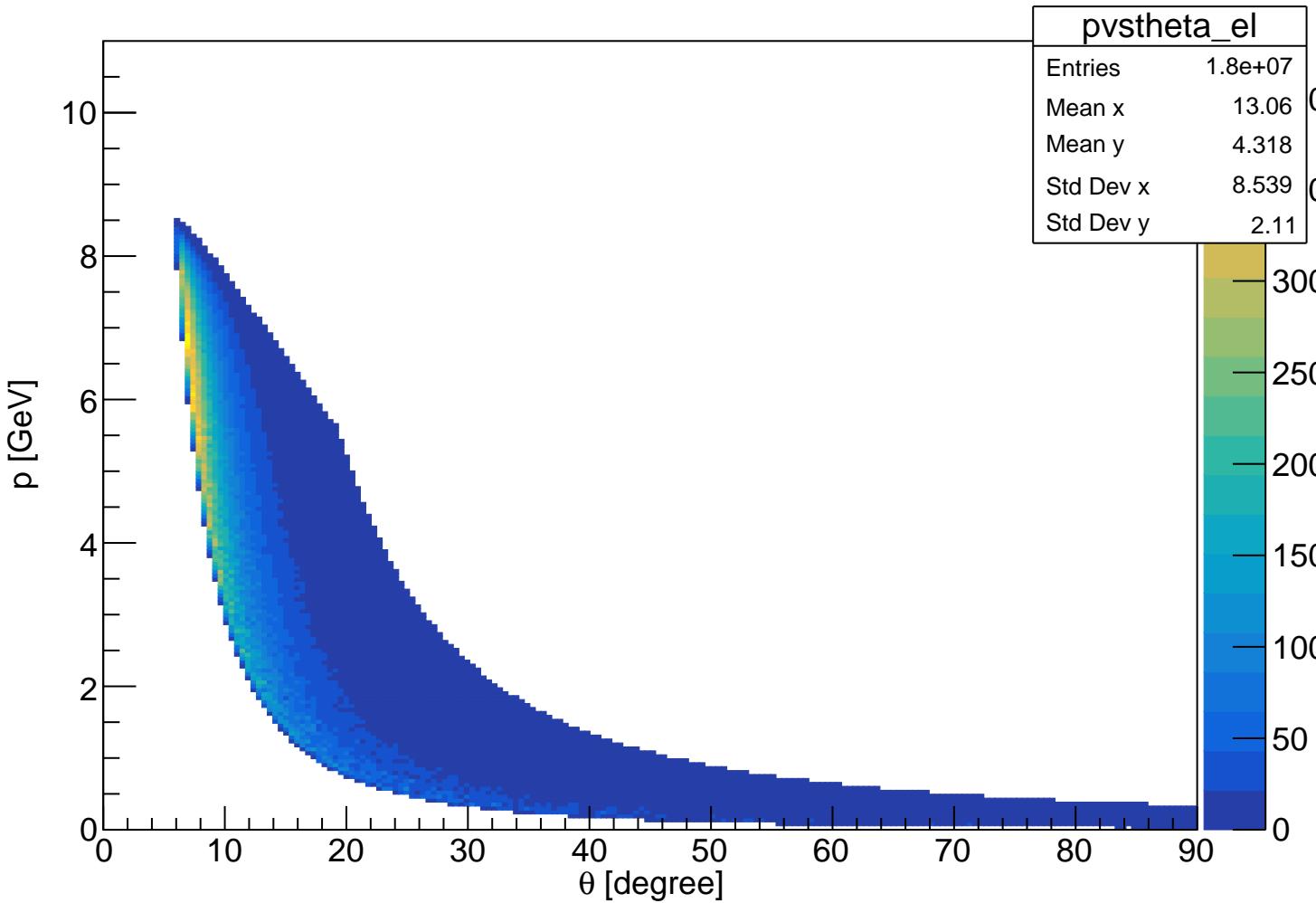
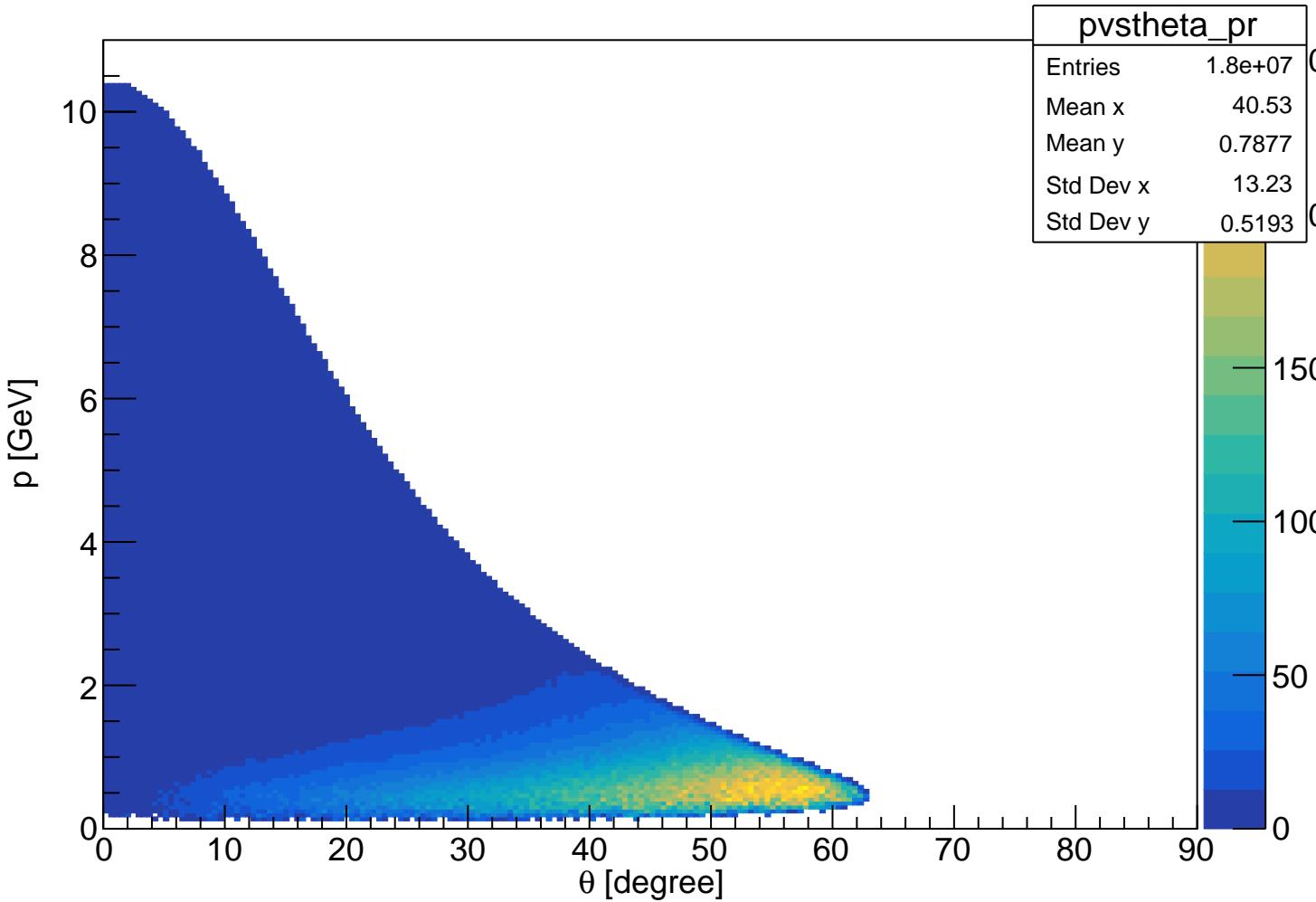


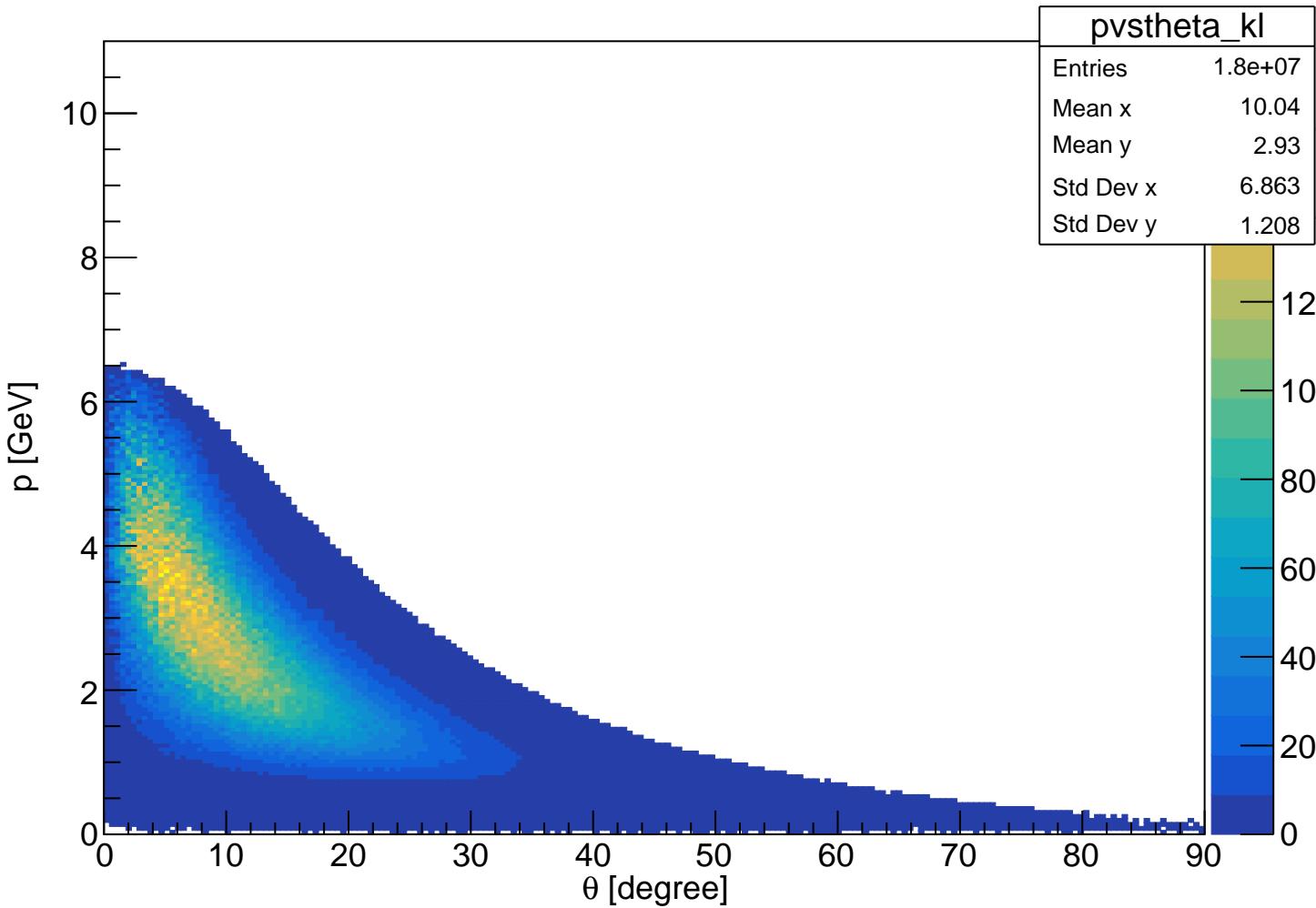
# p vs theta for electron



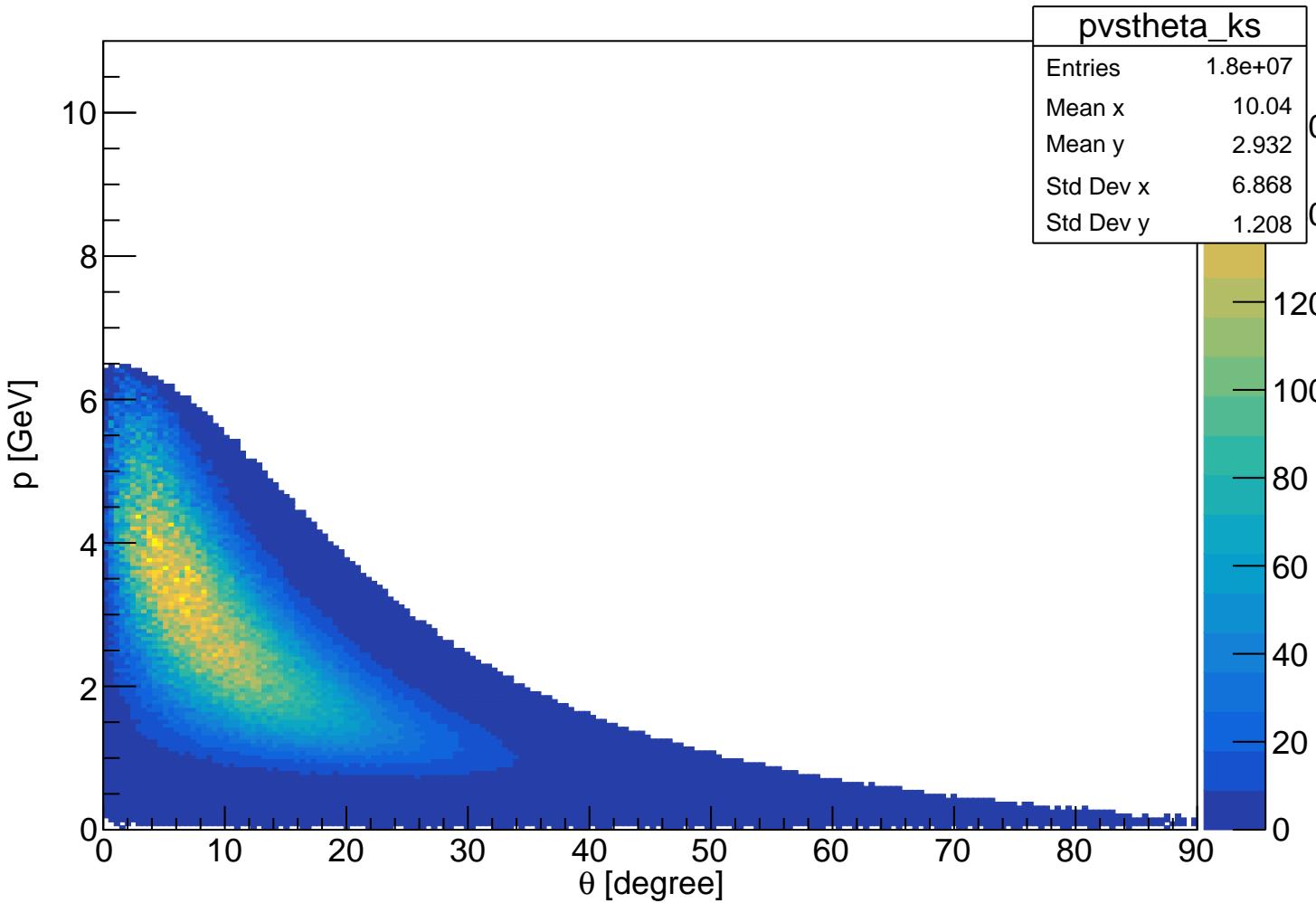
p vs theta for proton



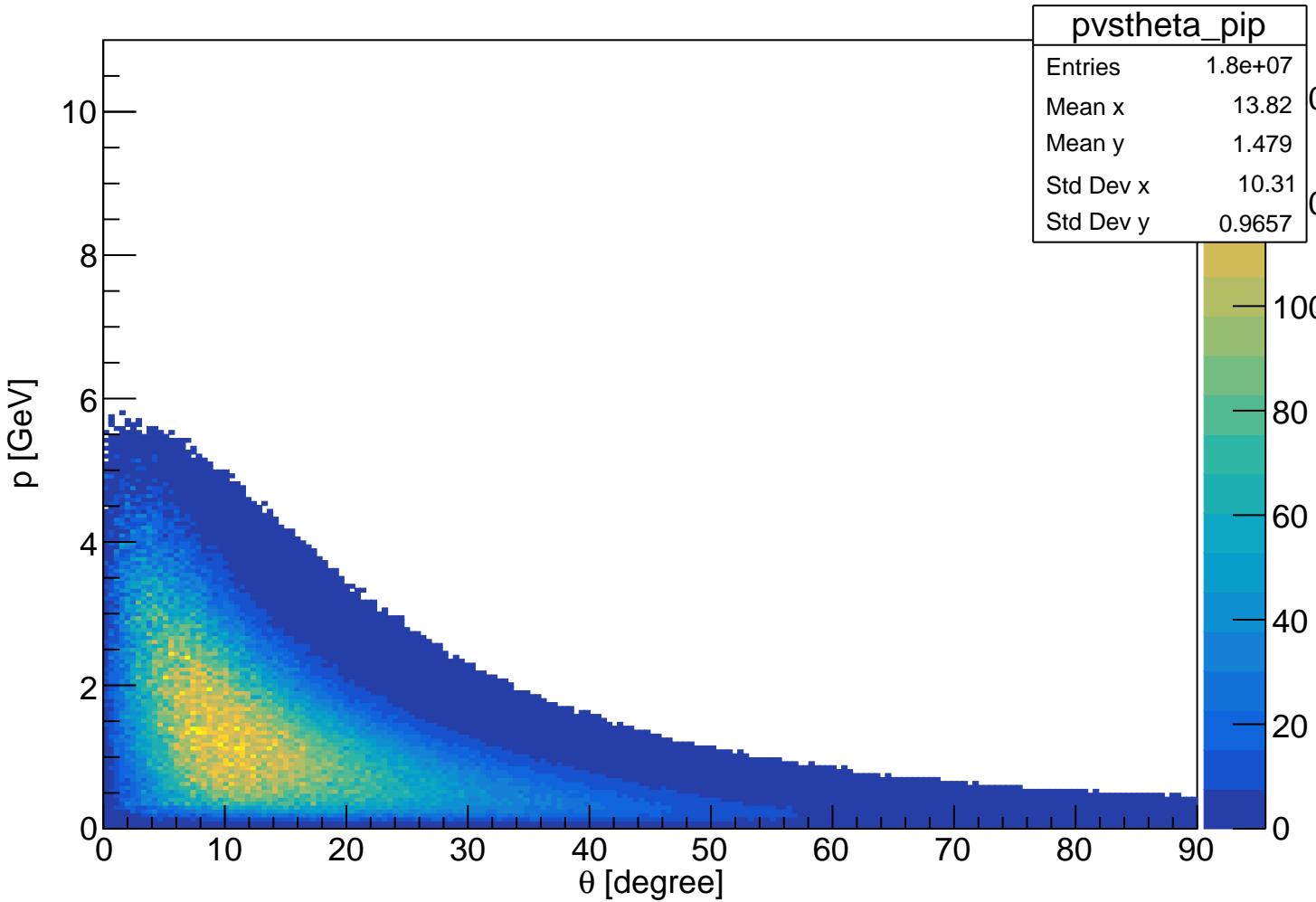
p vs theta for kl



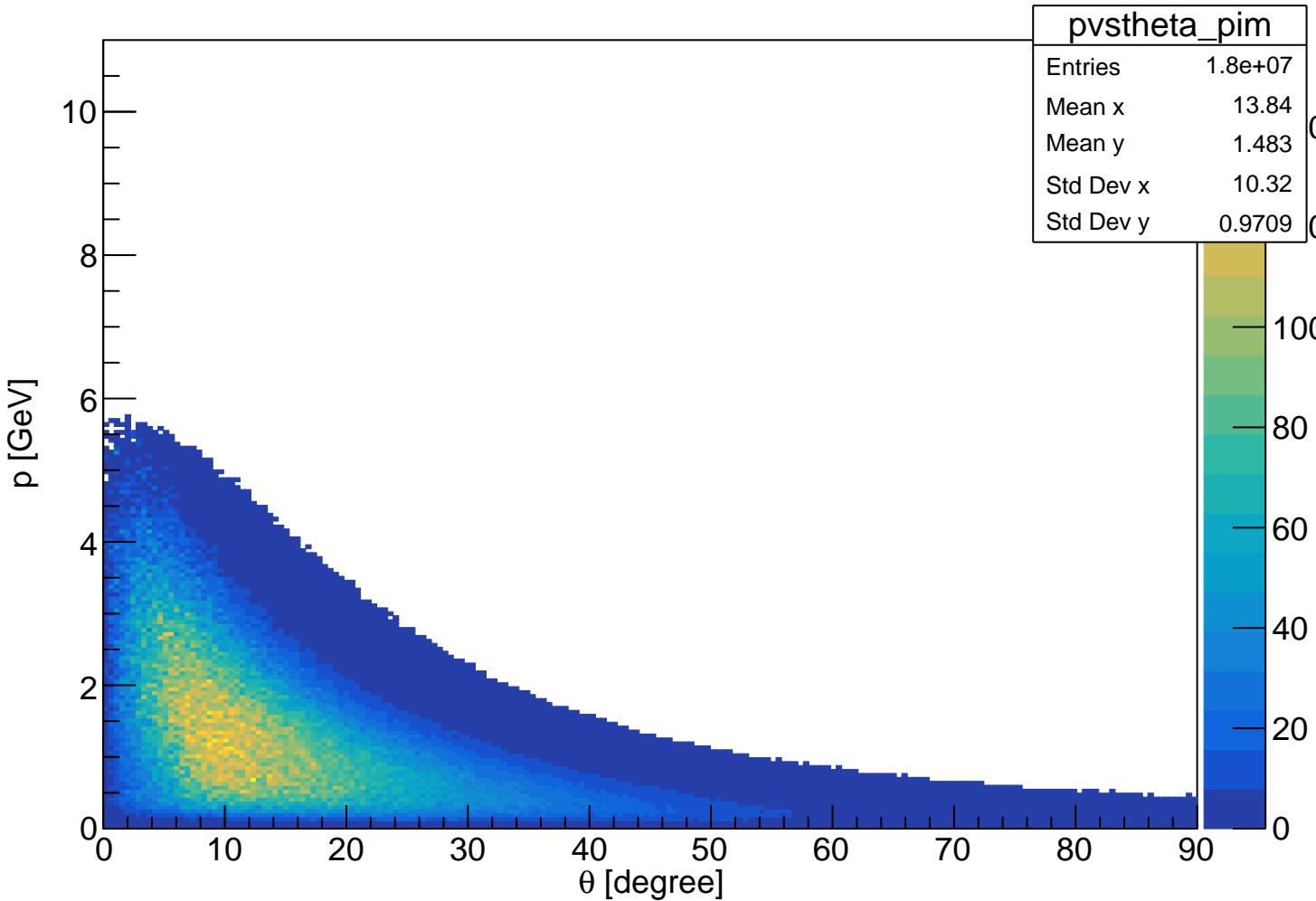
p vs theta for ks



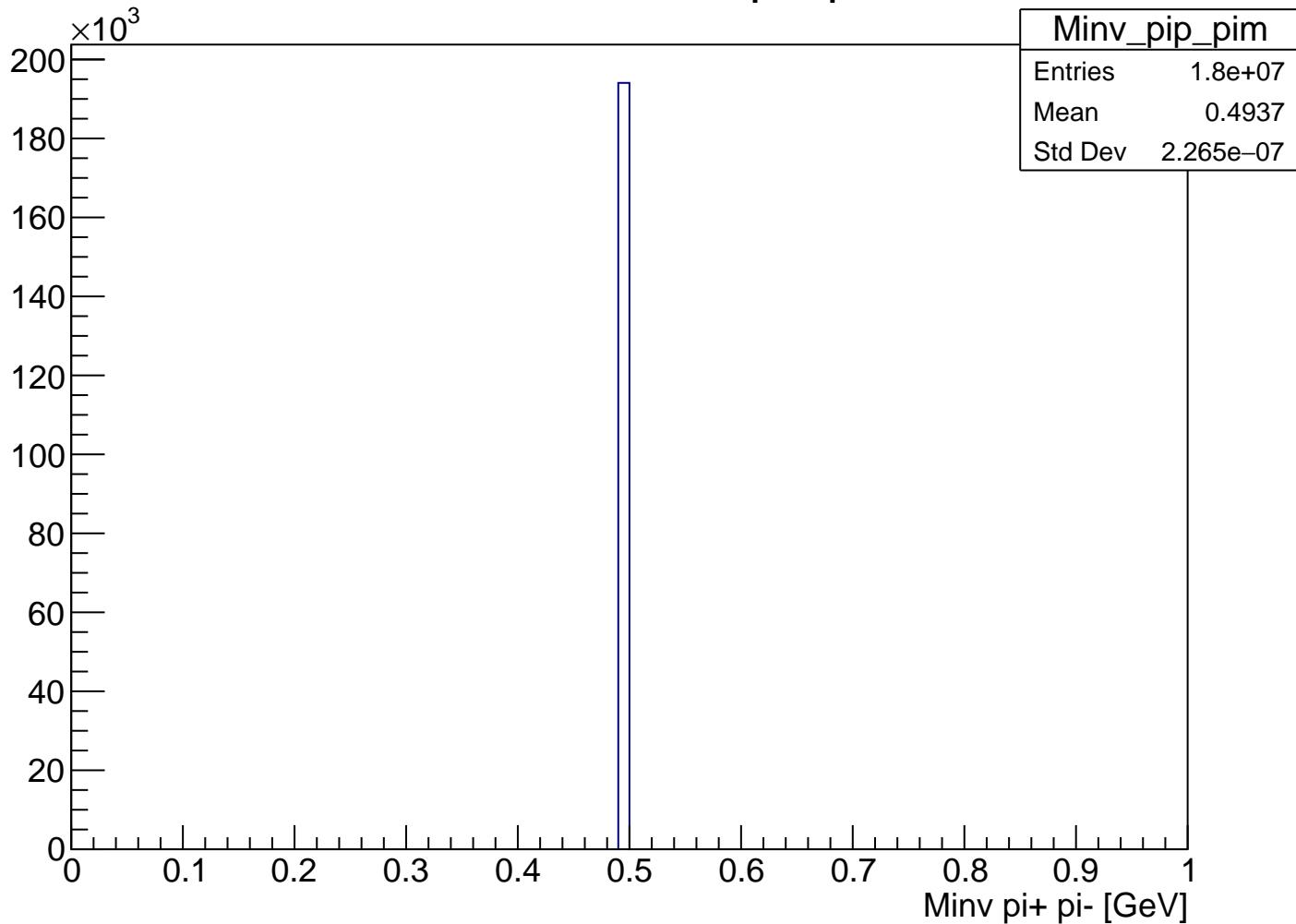
$p$  vs theta for  $\pi^+$



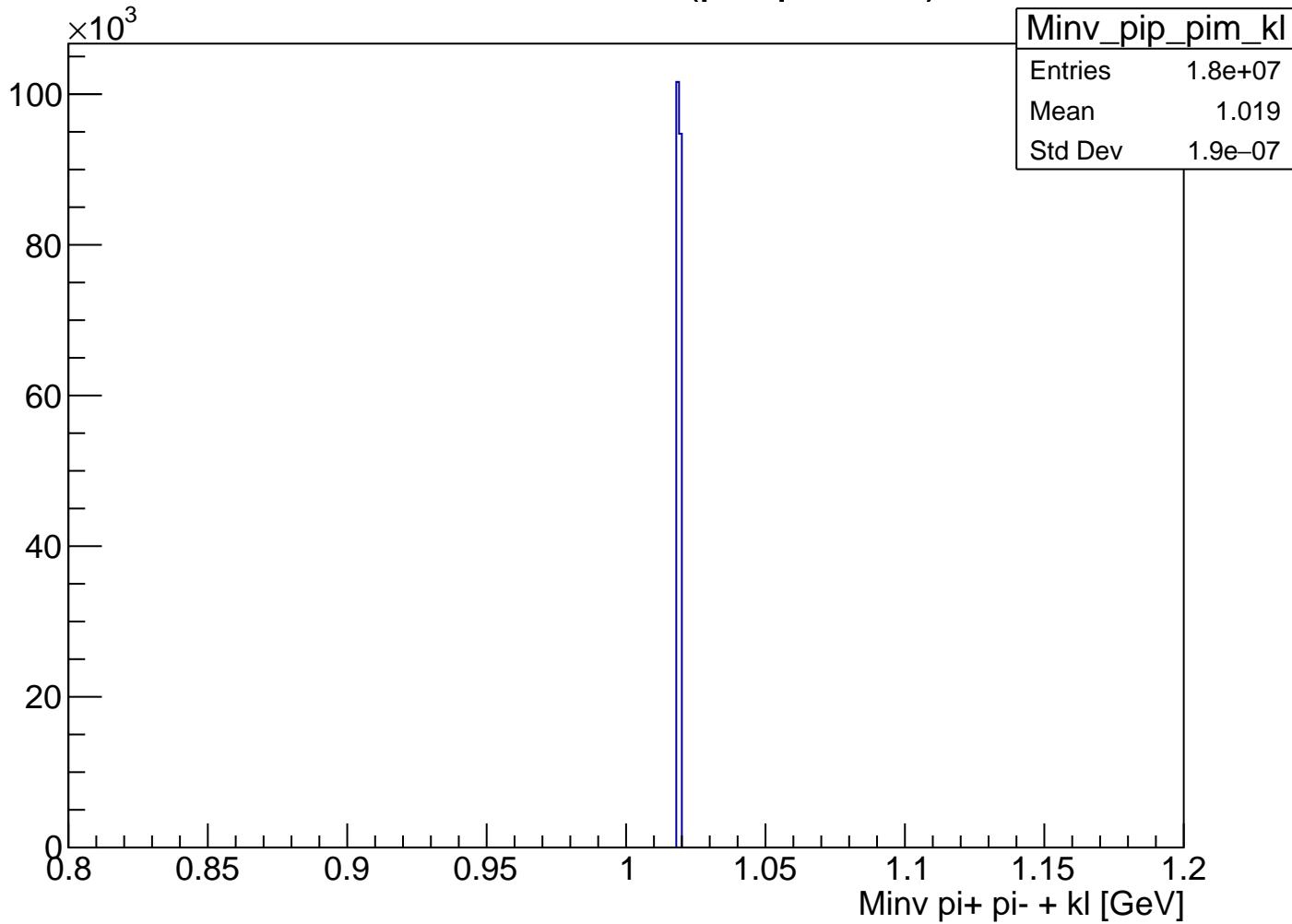
# $p$ vs $\theta$ for $\pi^-$



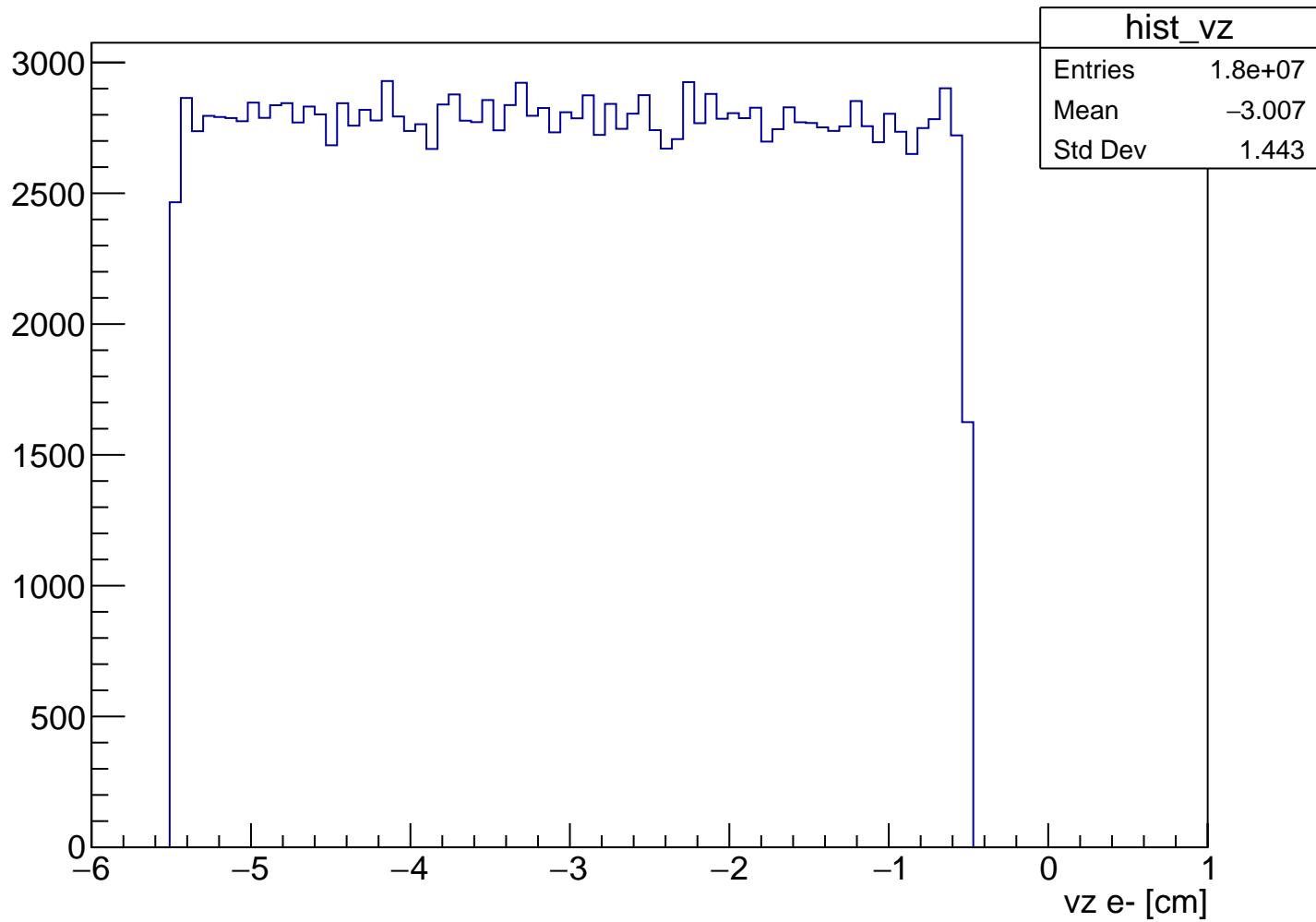
# Invariant mass of pi+ pi-



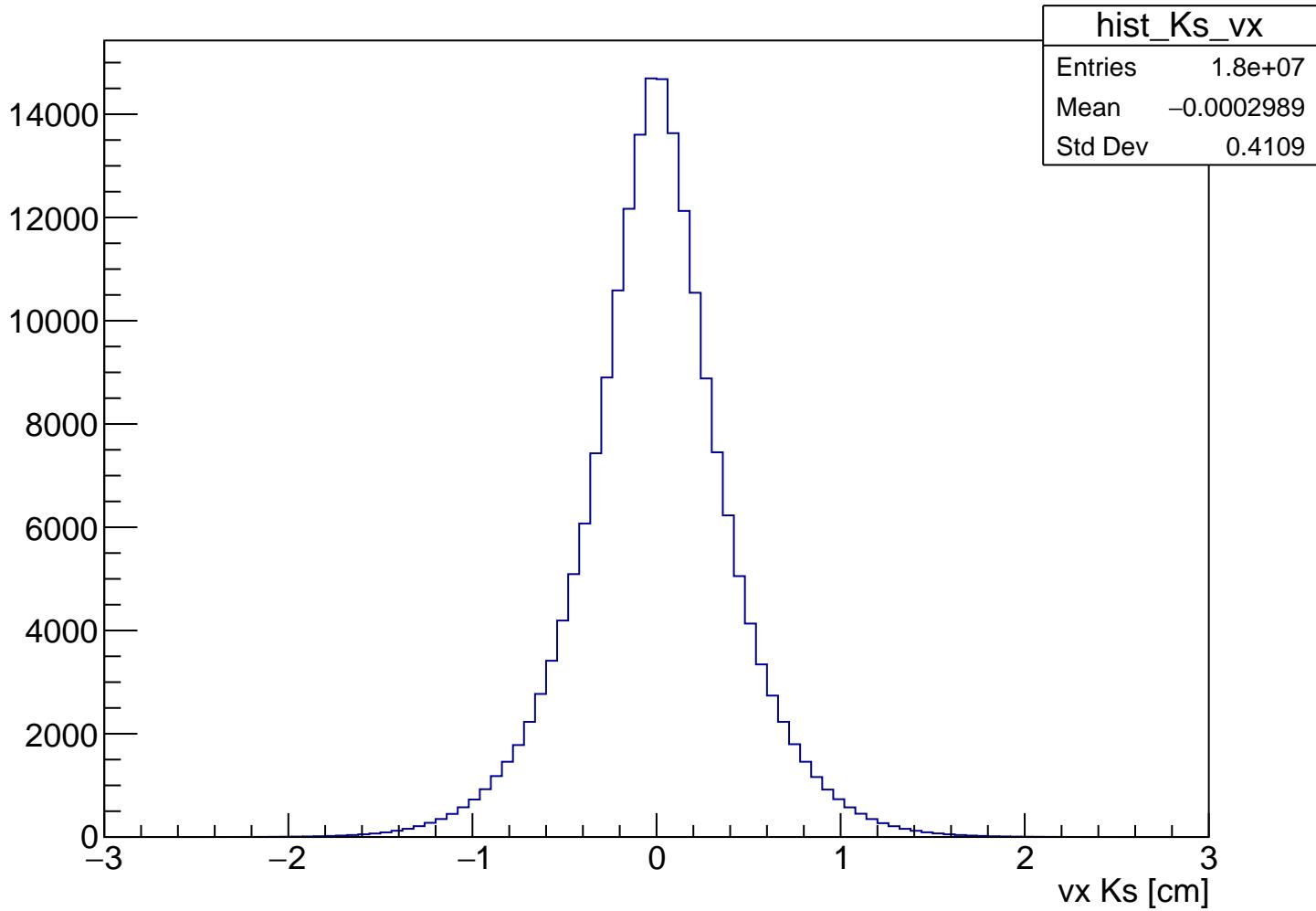
# Invariant mass of ( $\pi^+ \pi^- + K\bar{l}$ )



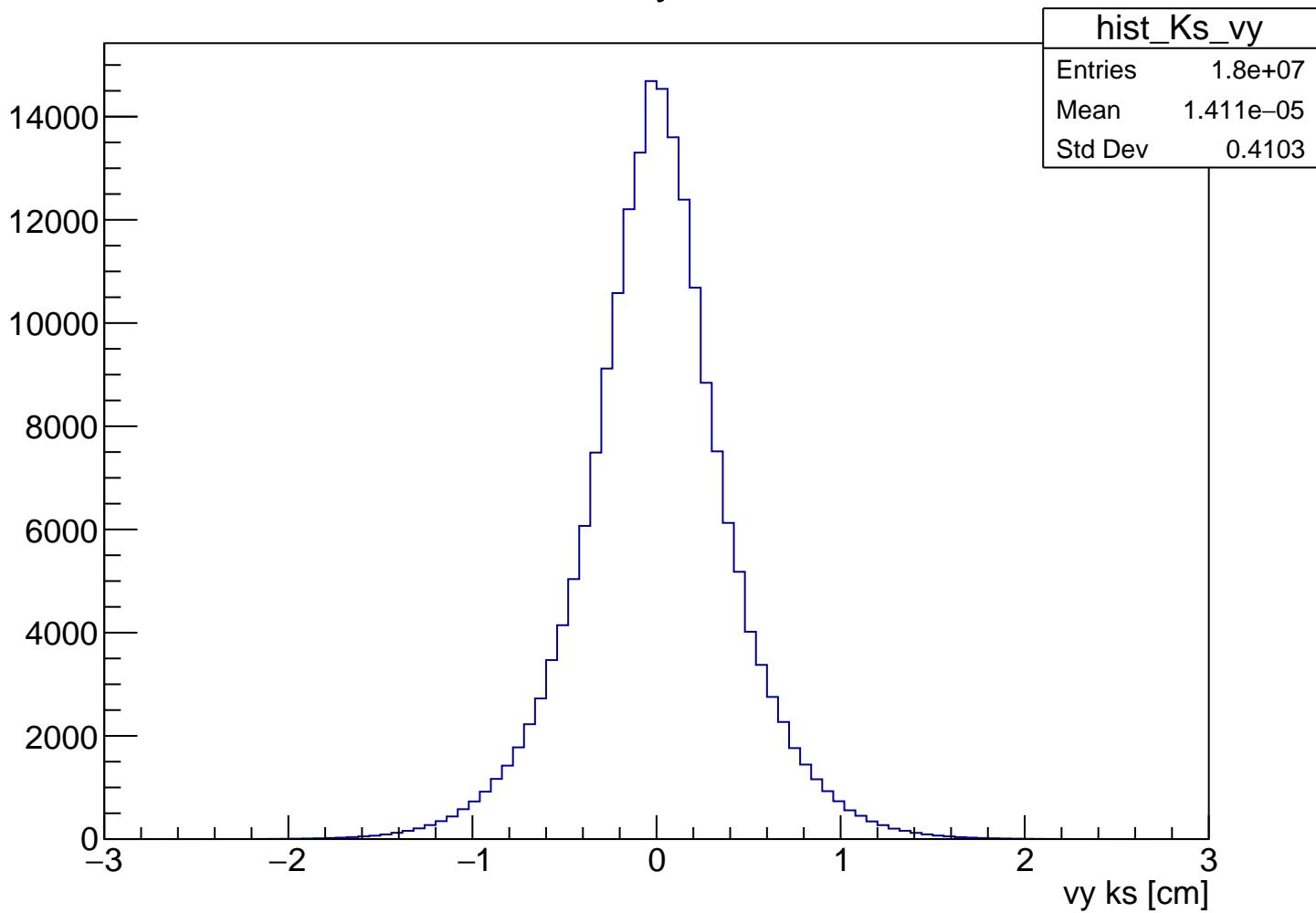
# vz of e-



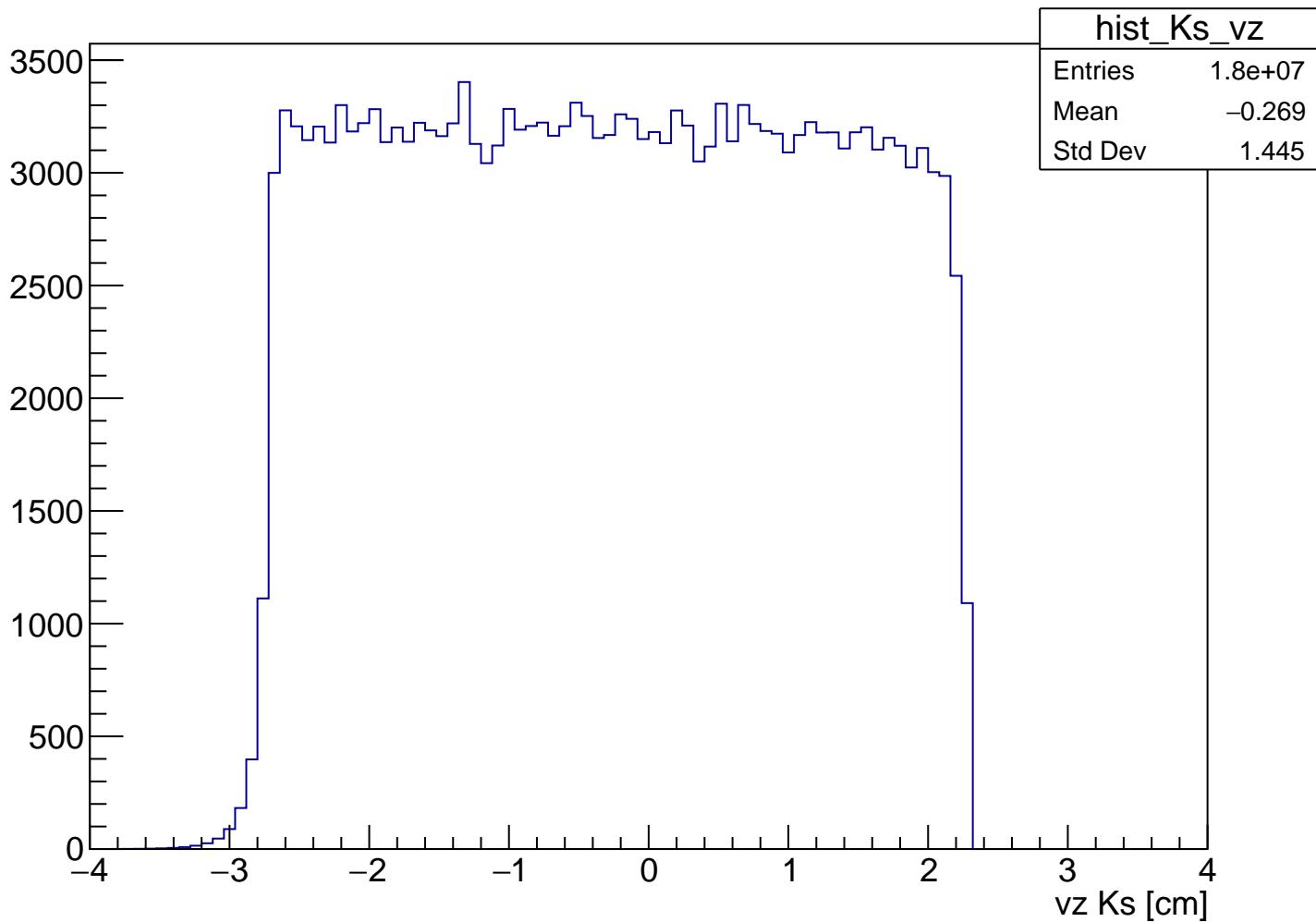
# vertex x of Ks



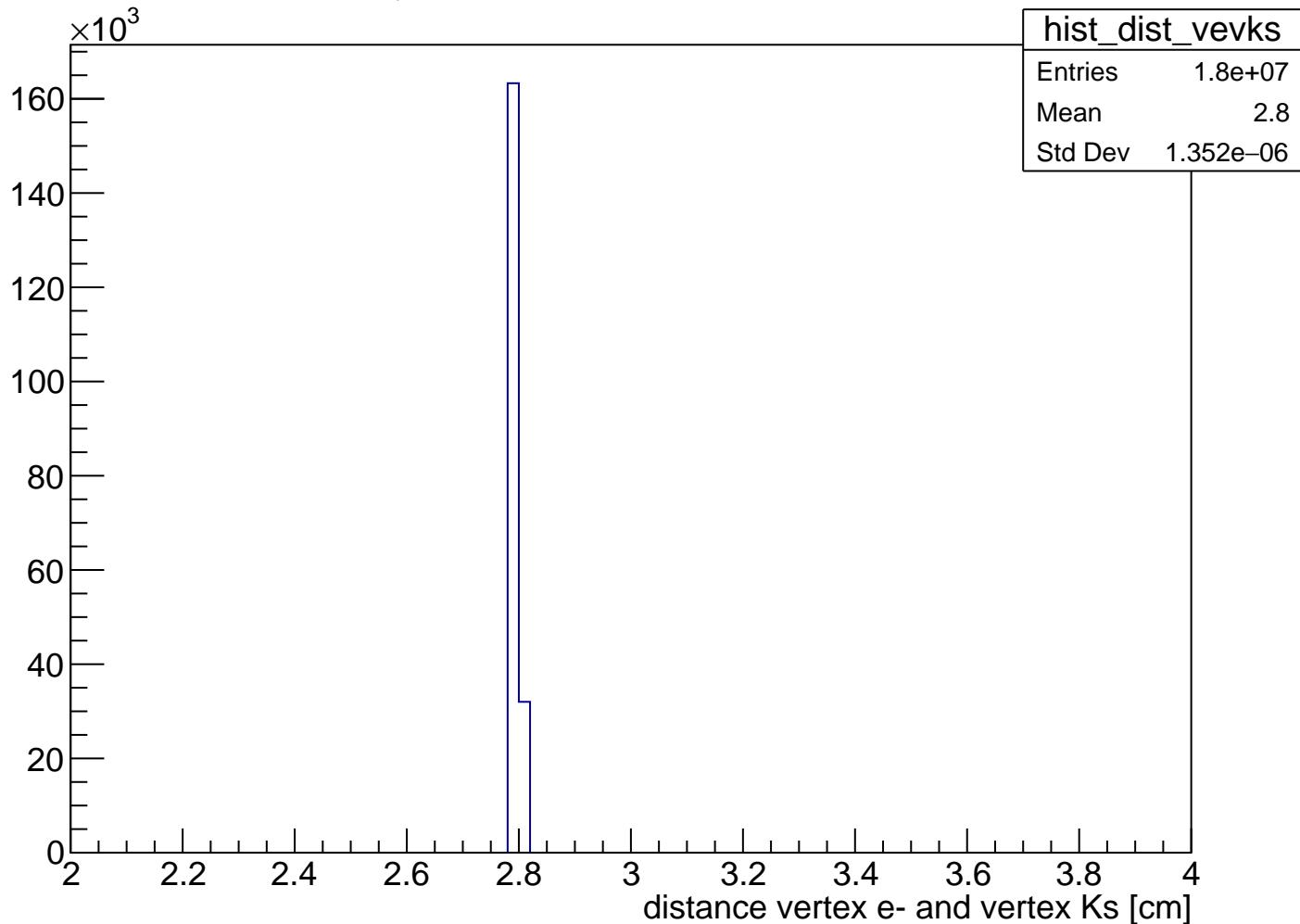
# vertex y of Ks



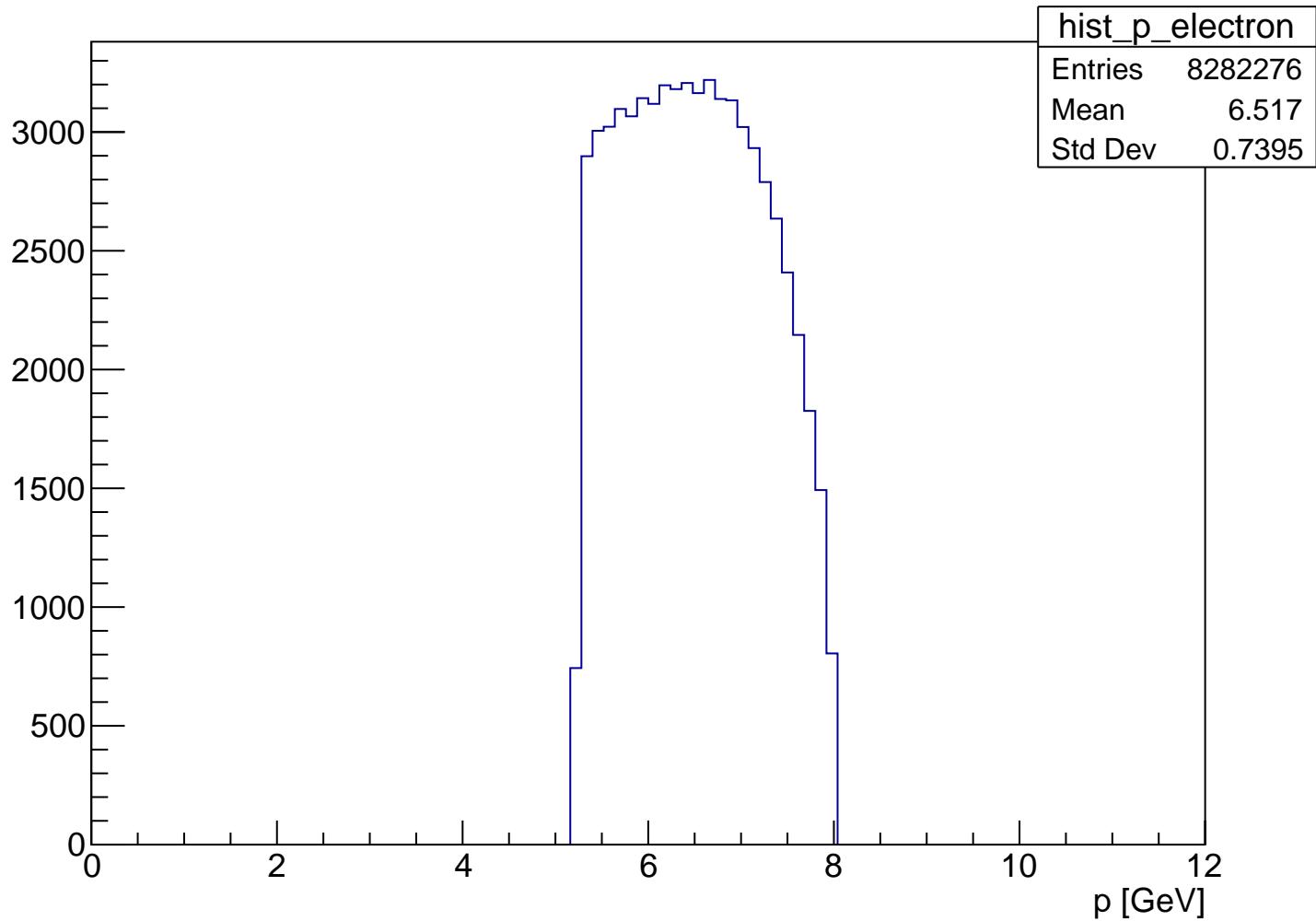
# vertex z of Ks



# distance (x, y, z) between vertex e and vertex Ks

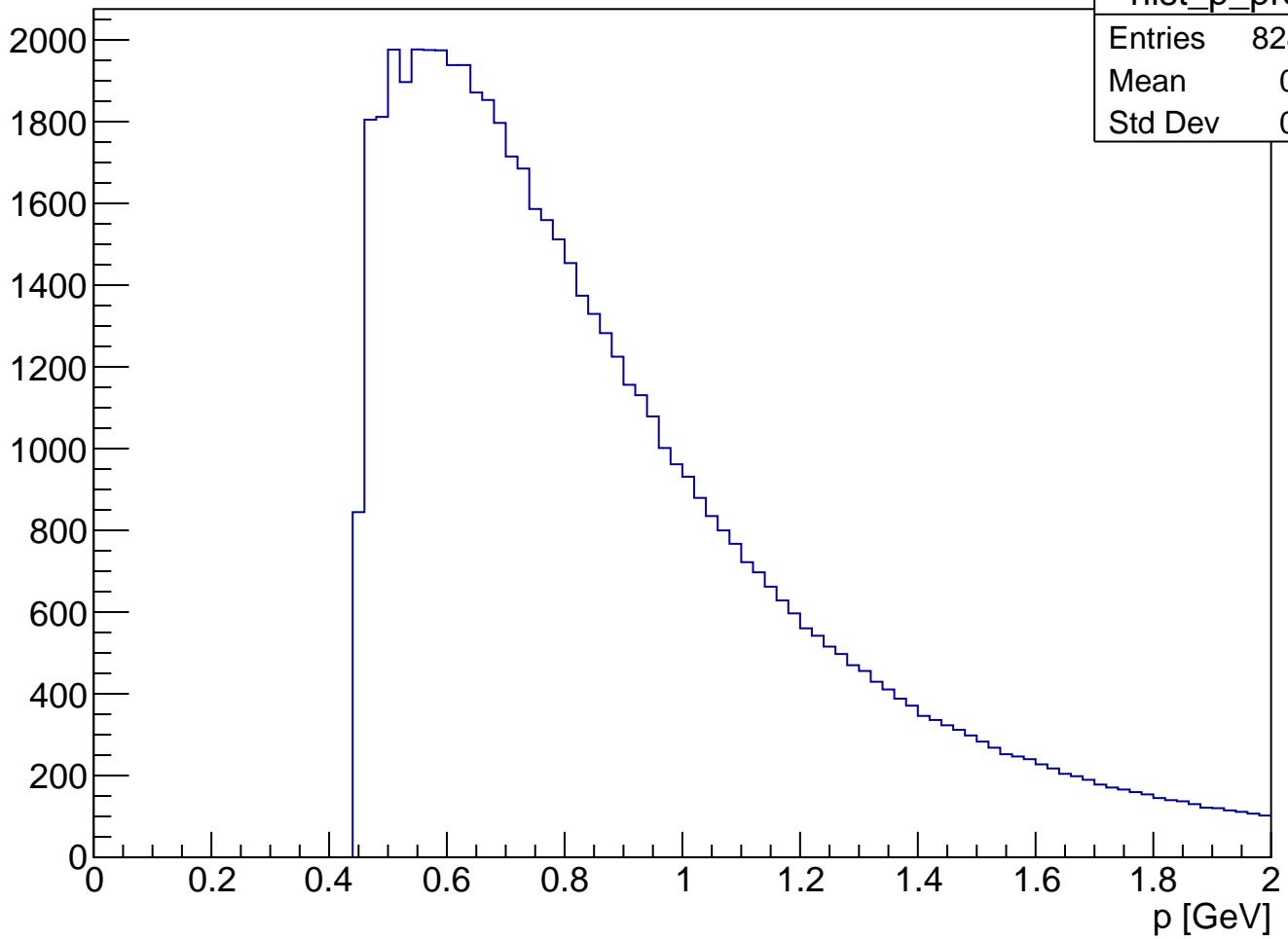


# p electron

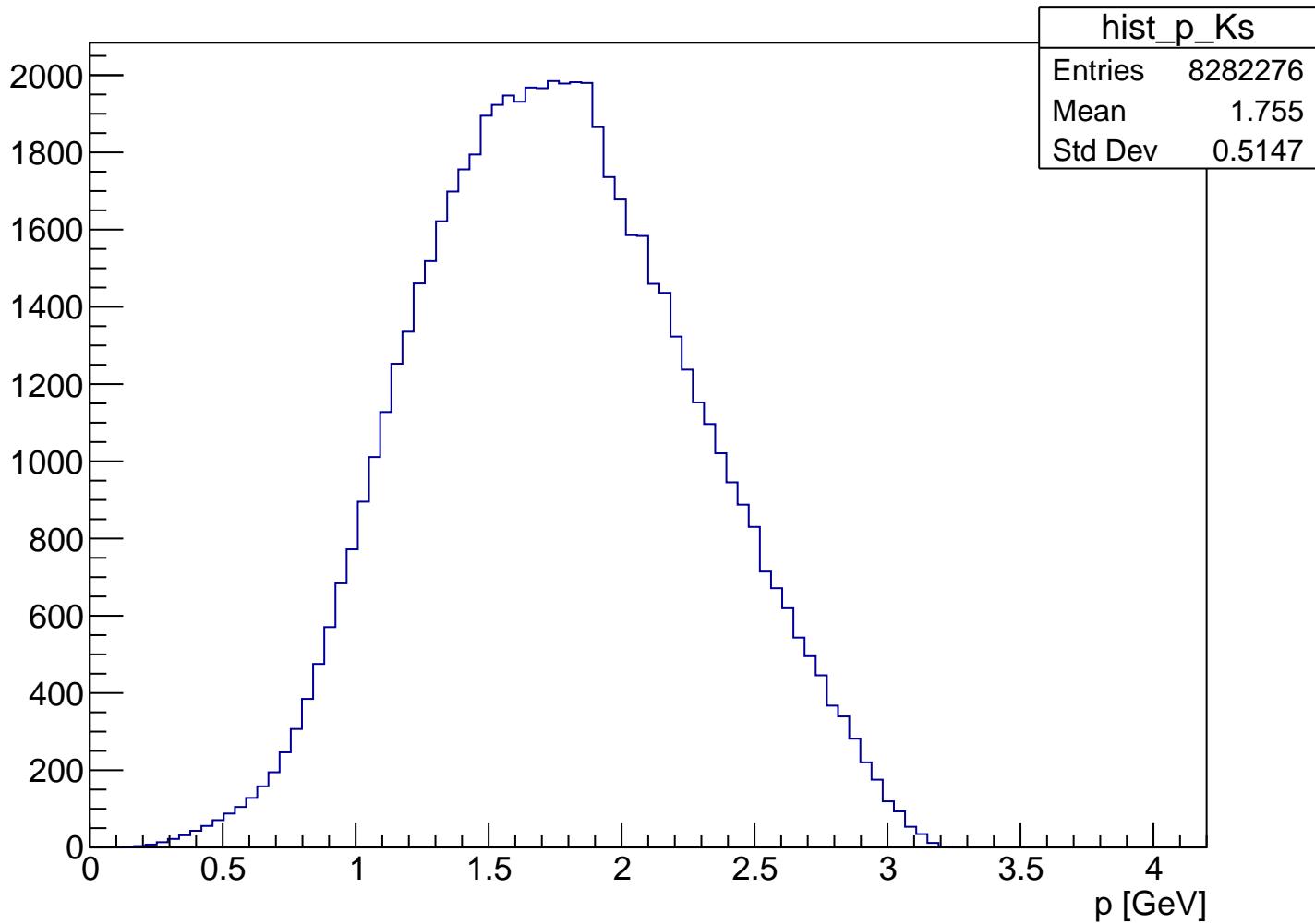


$p$  proton

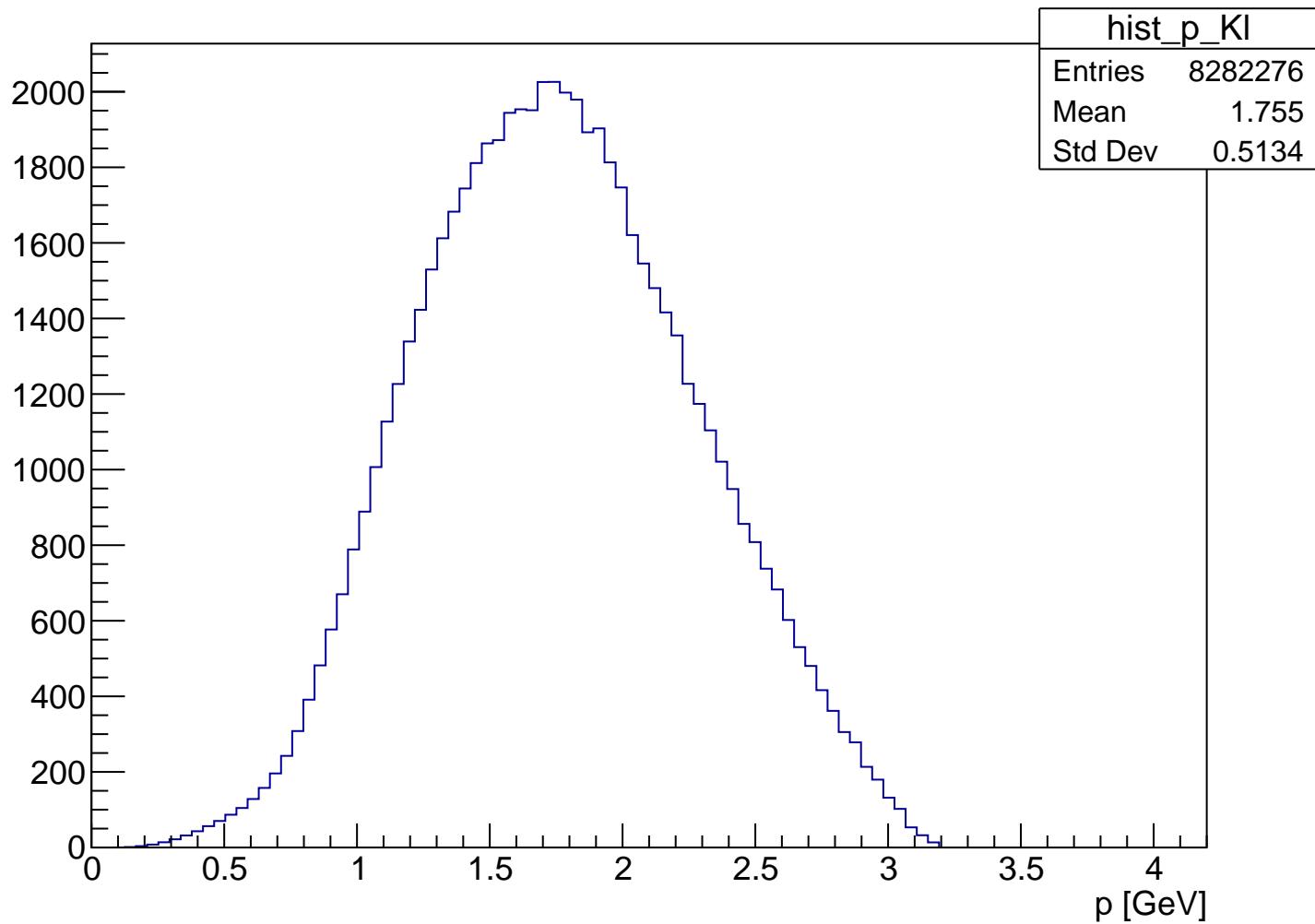
hist_p_proton	
Entries	8282276
Mean	0.8789
Std Dev	0.3428



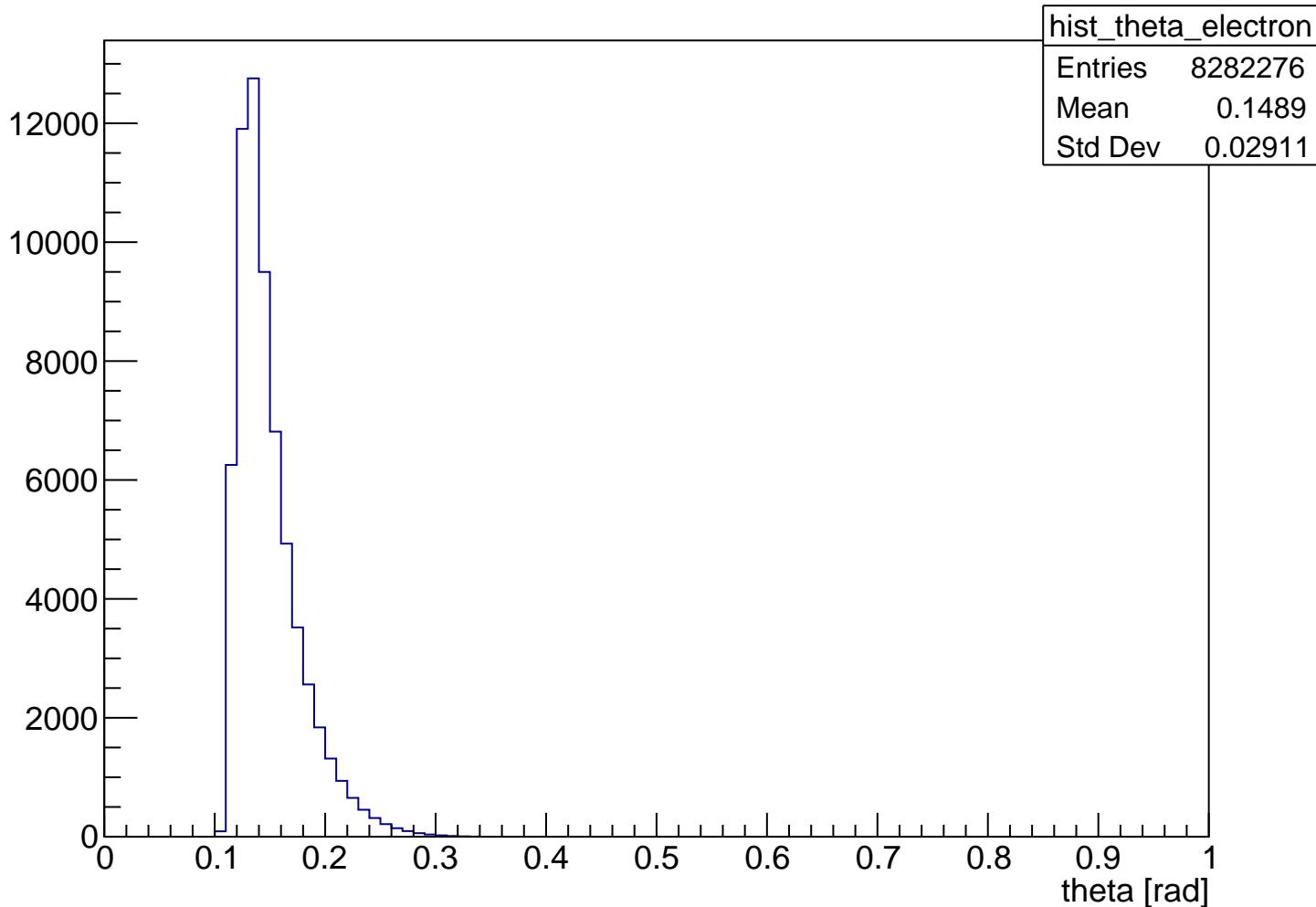
$p$  Ks



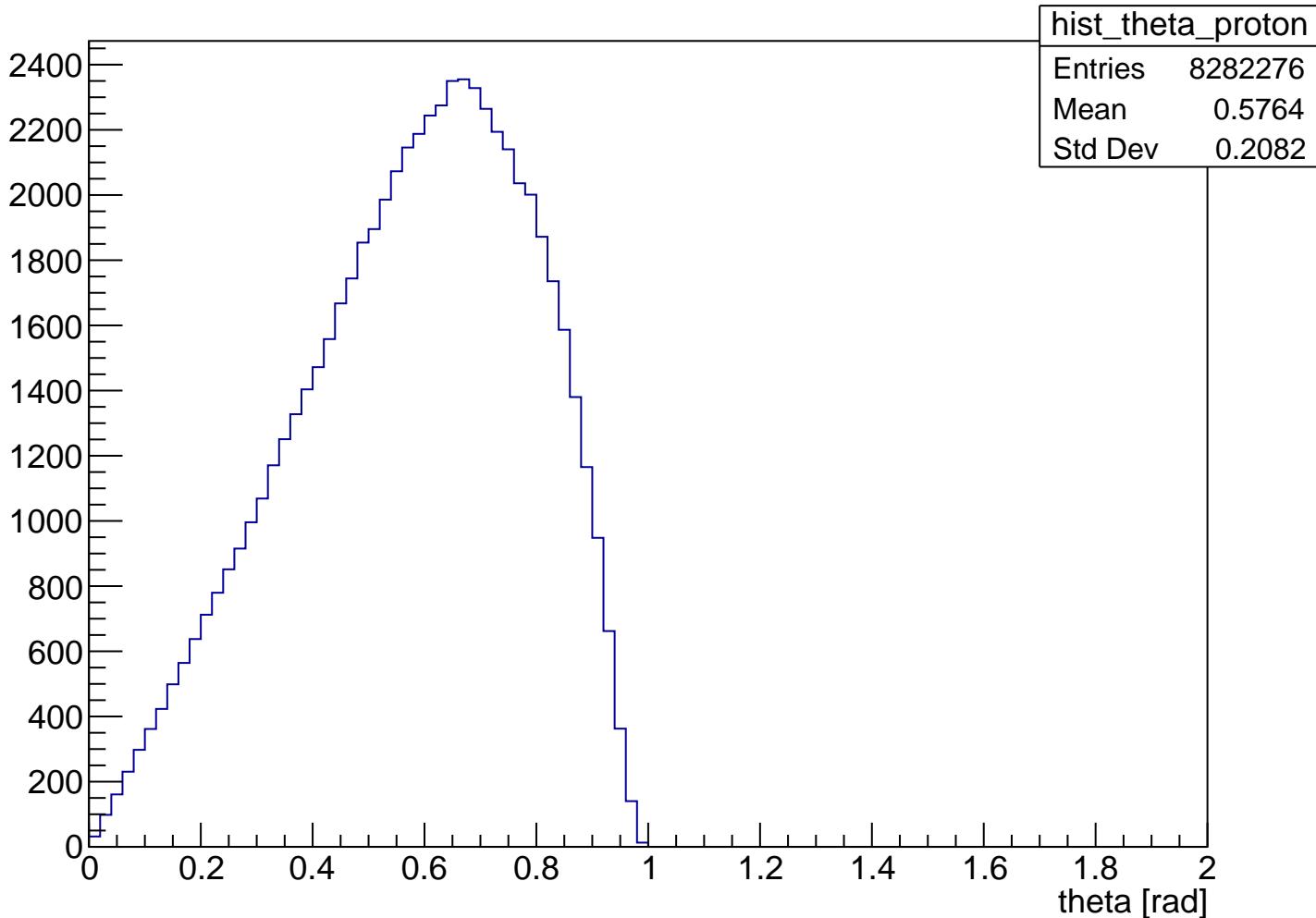
$p_{\text{Kl}}$



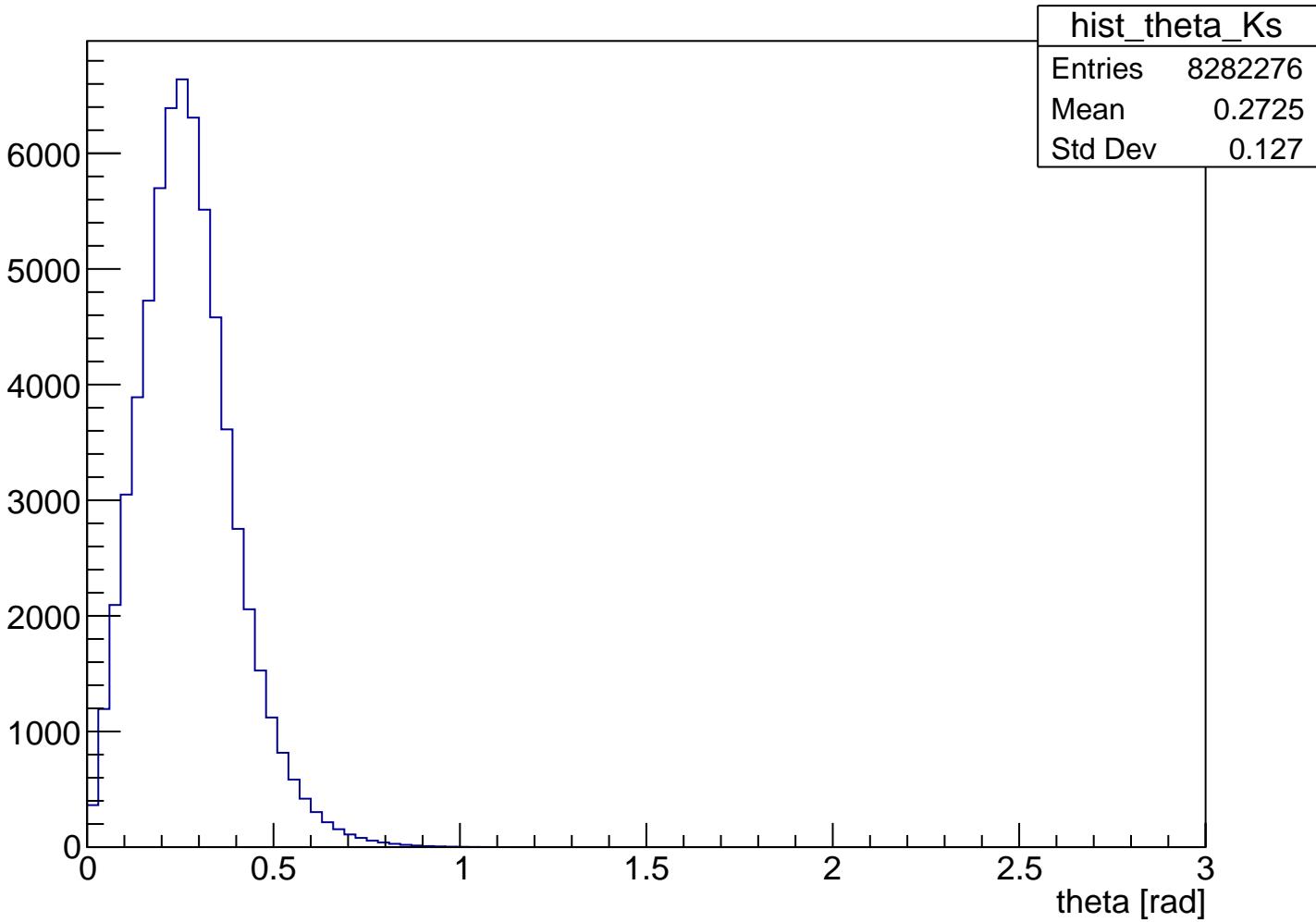
# theta electron



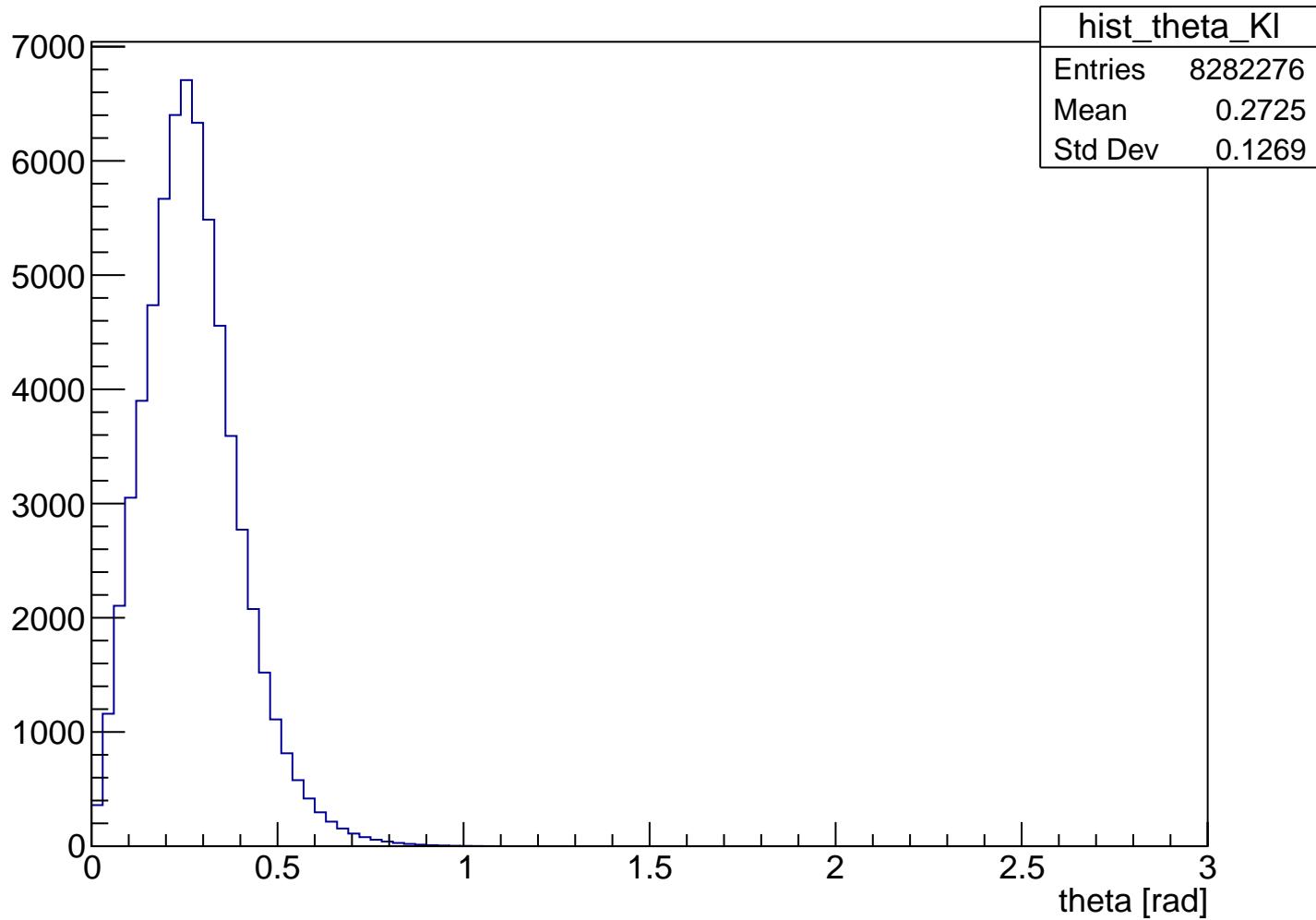
# theta proton



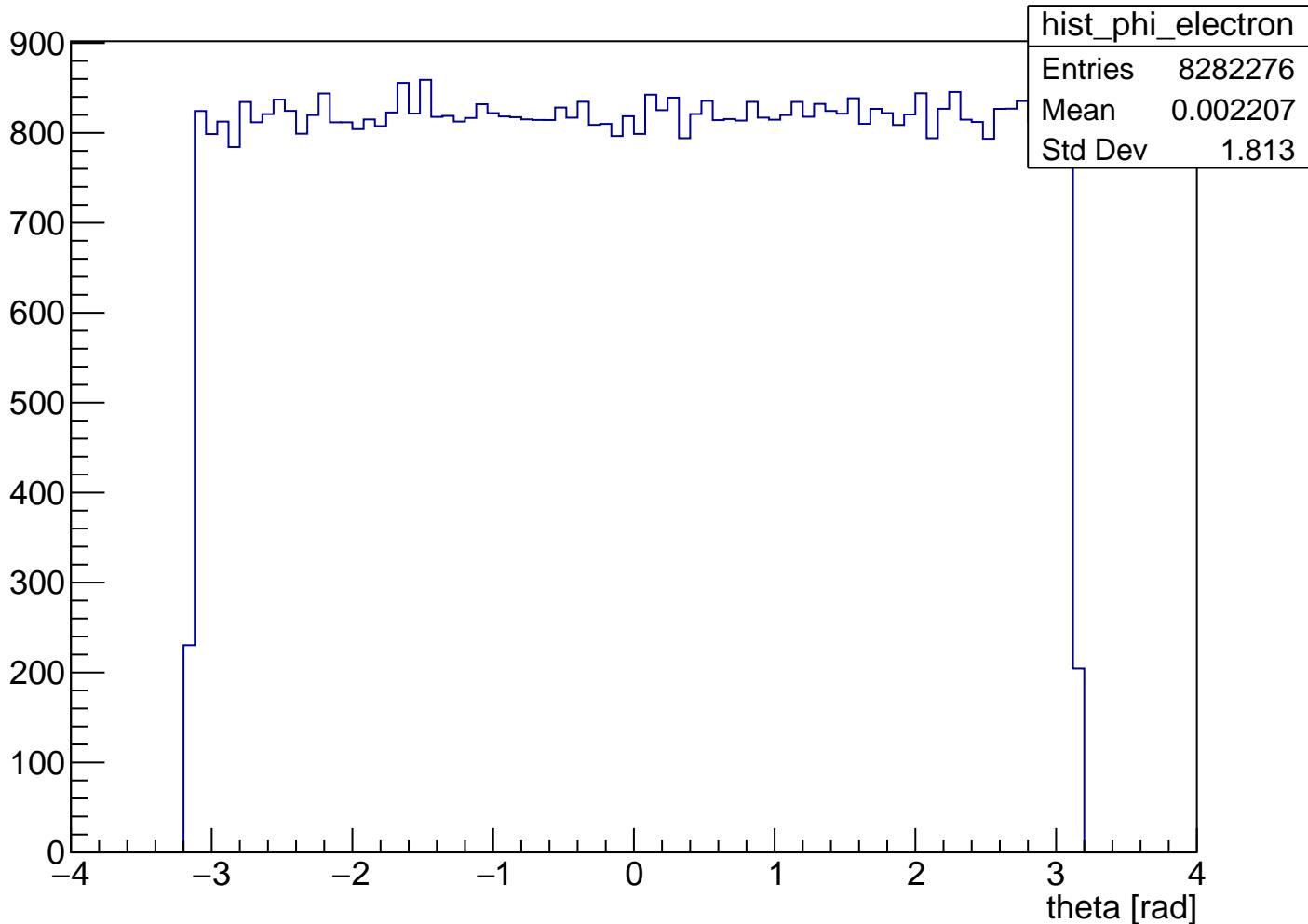
# theta Ks



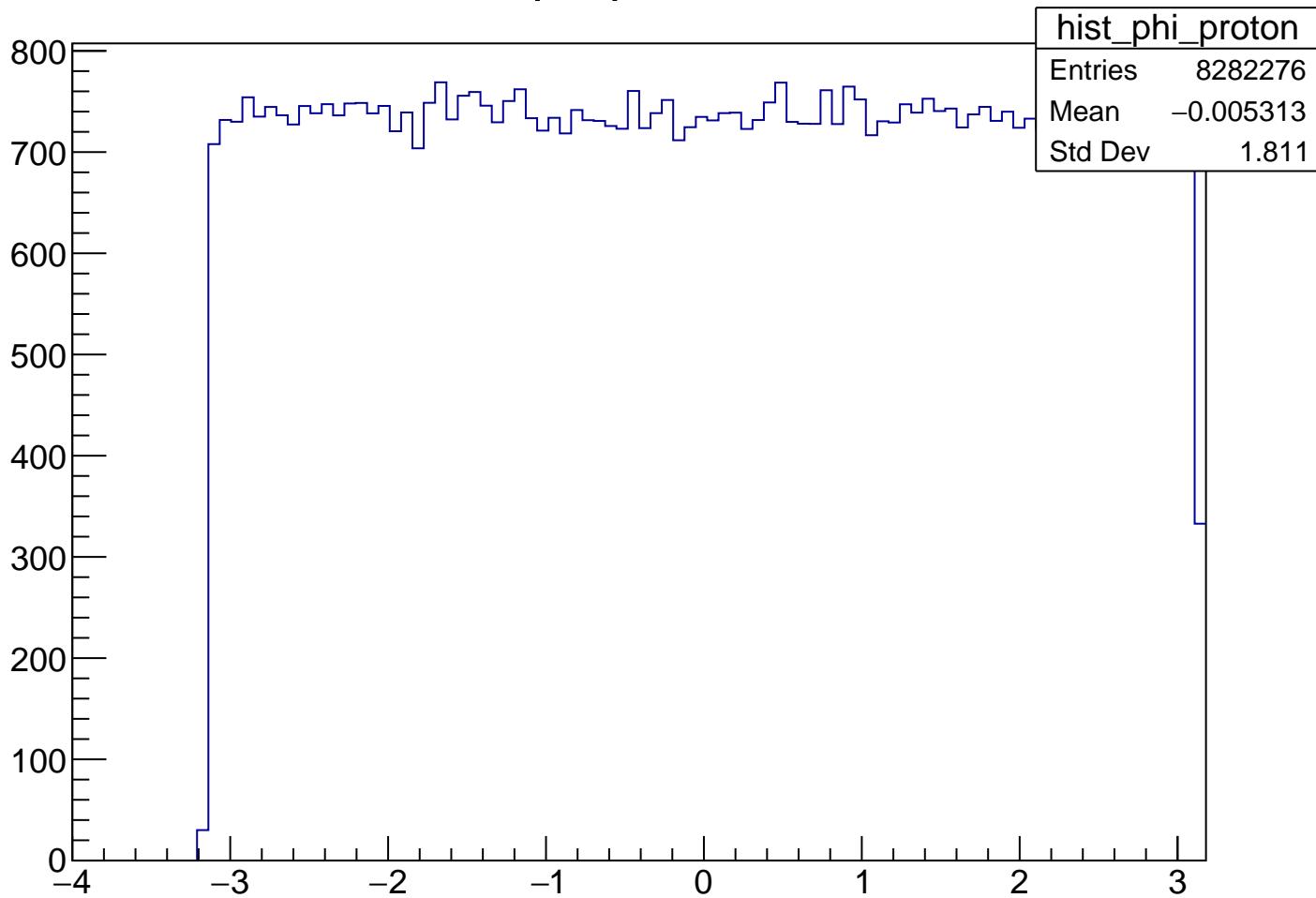
# theta KI



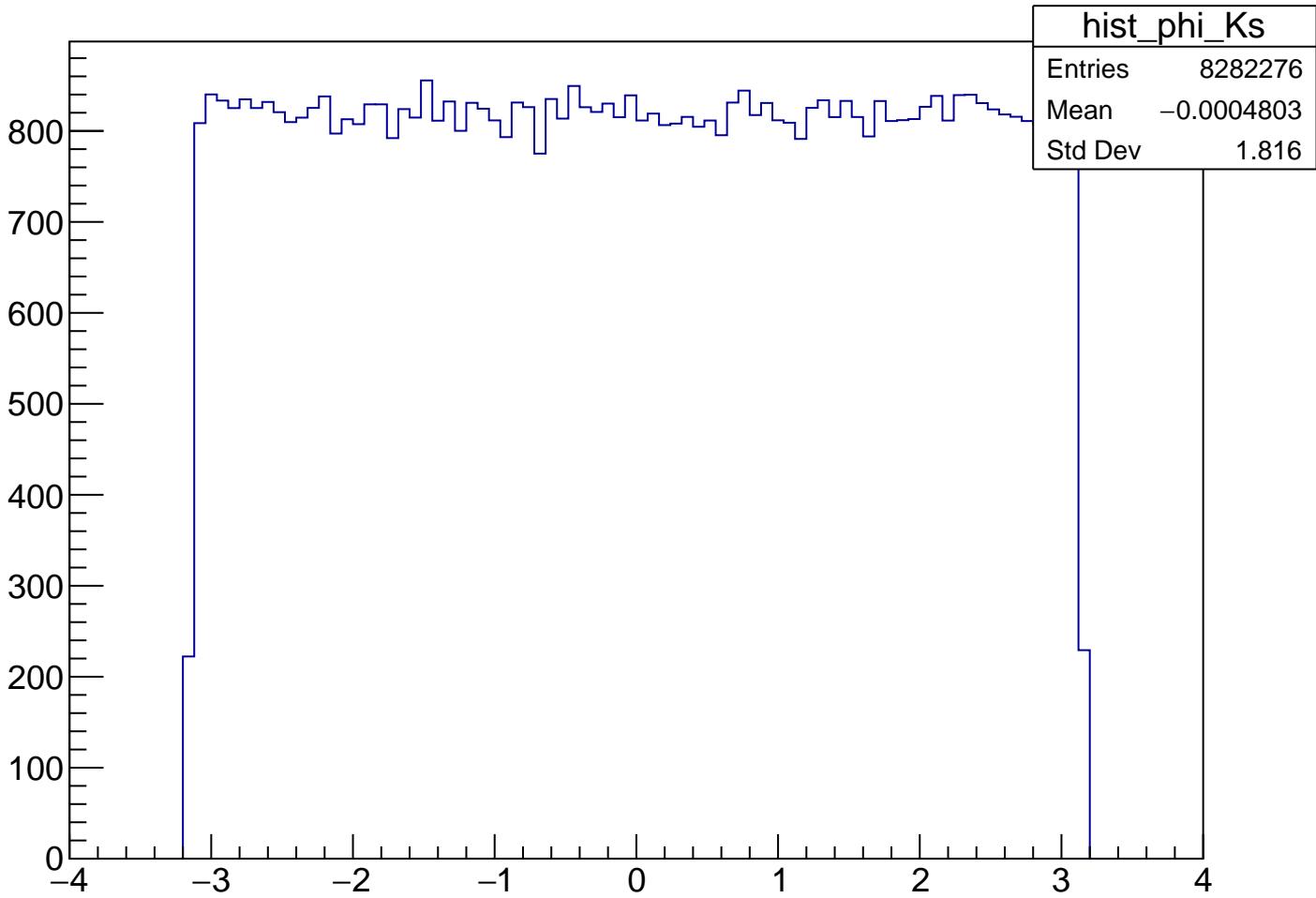
# phi electron



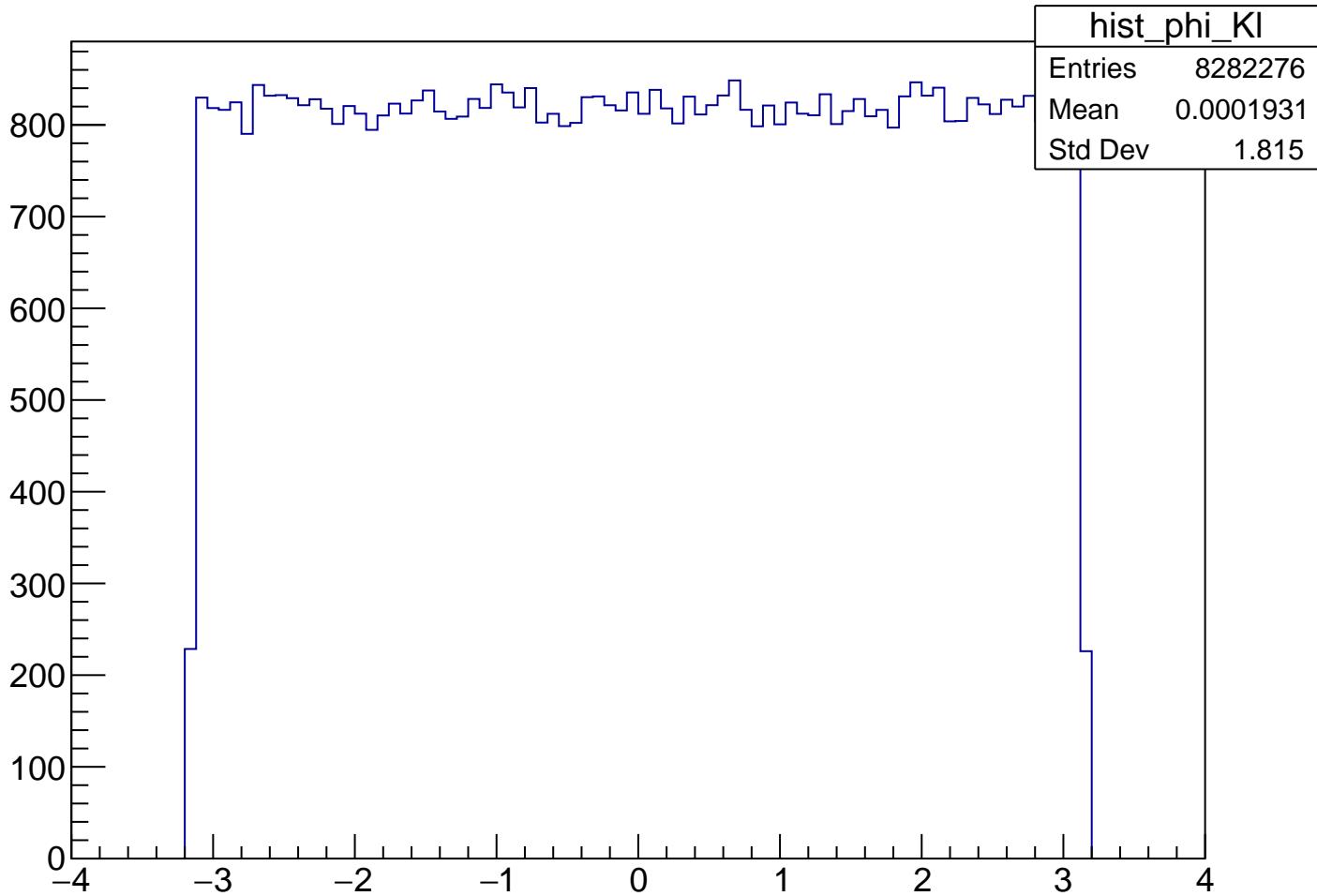
# phi proton



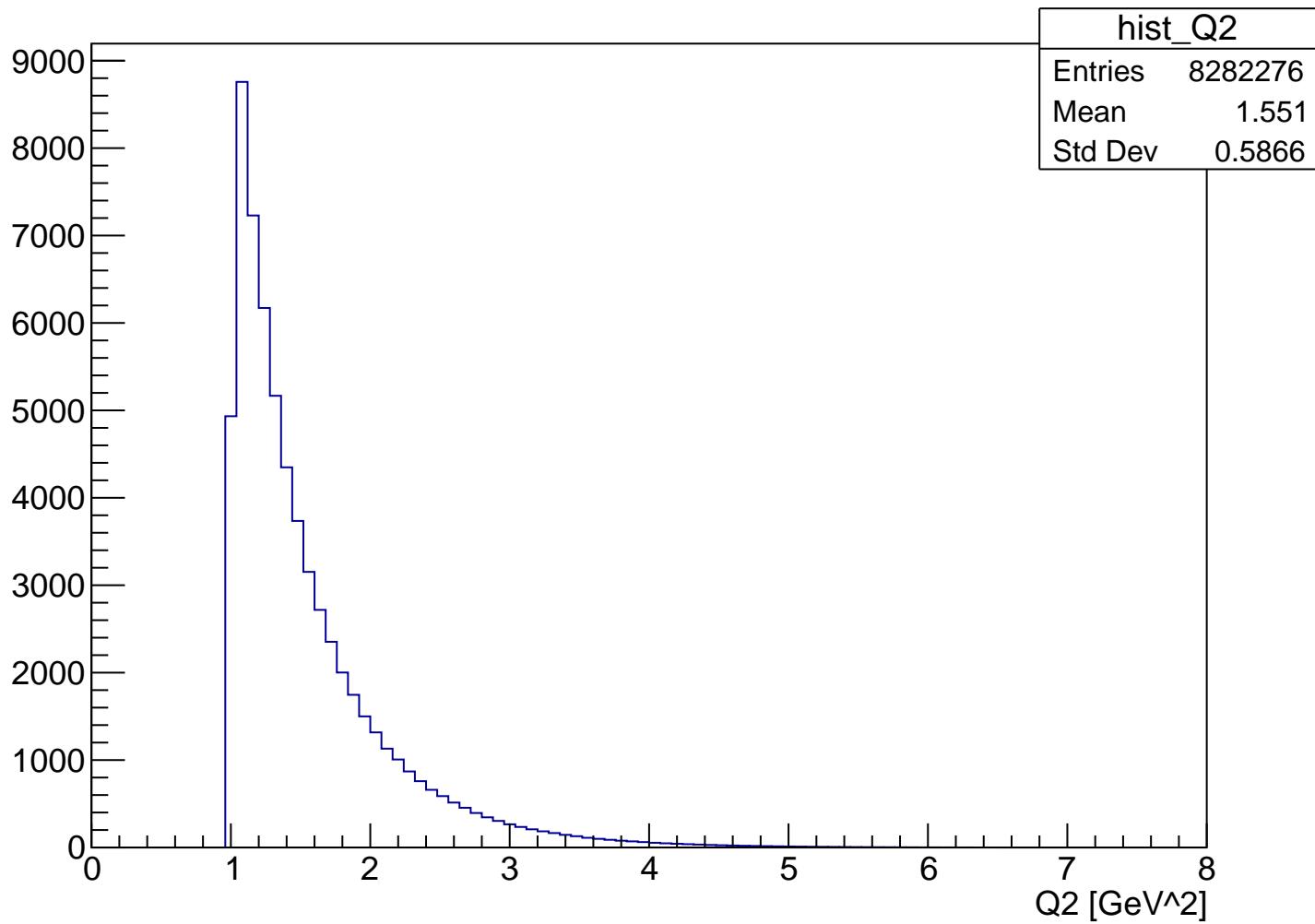
# phi Ks



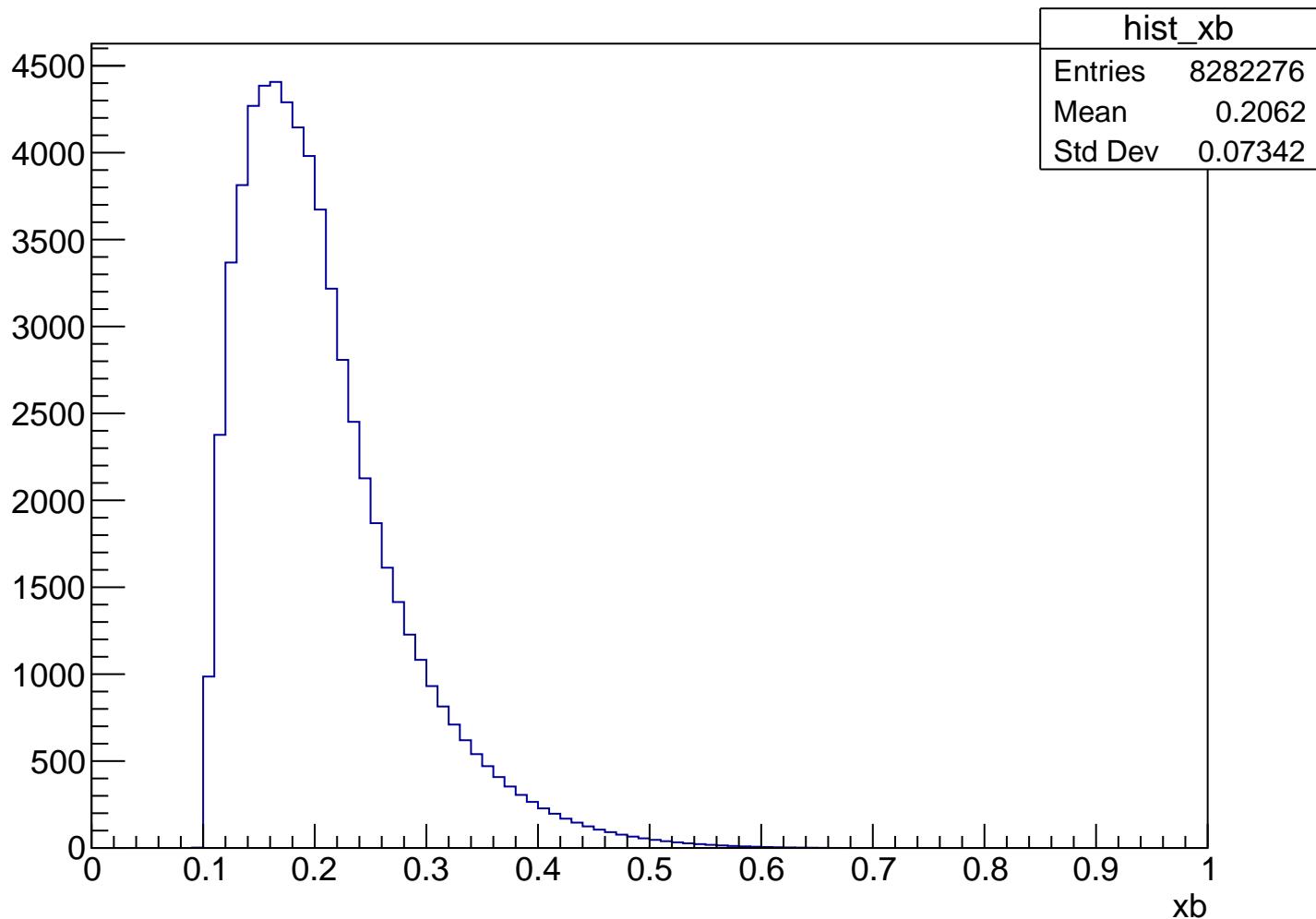
# phi KI



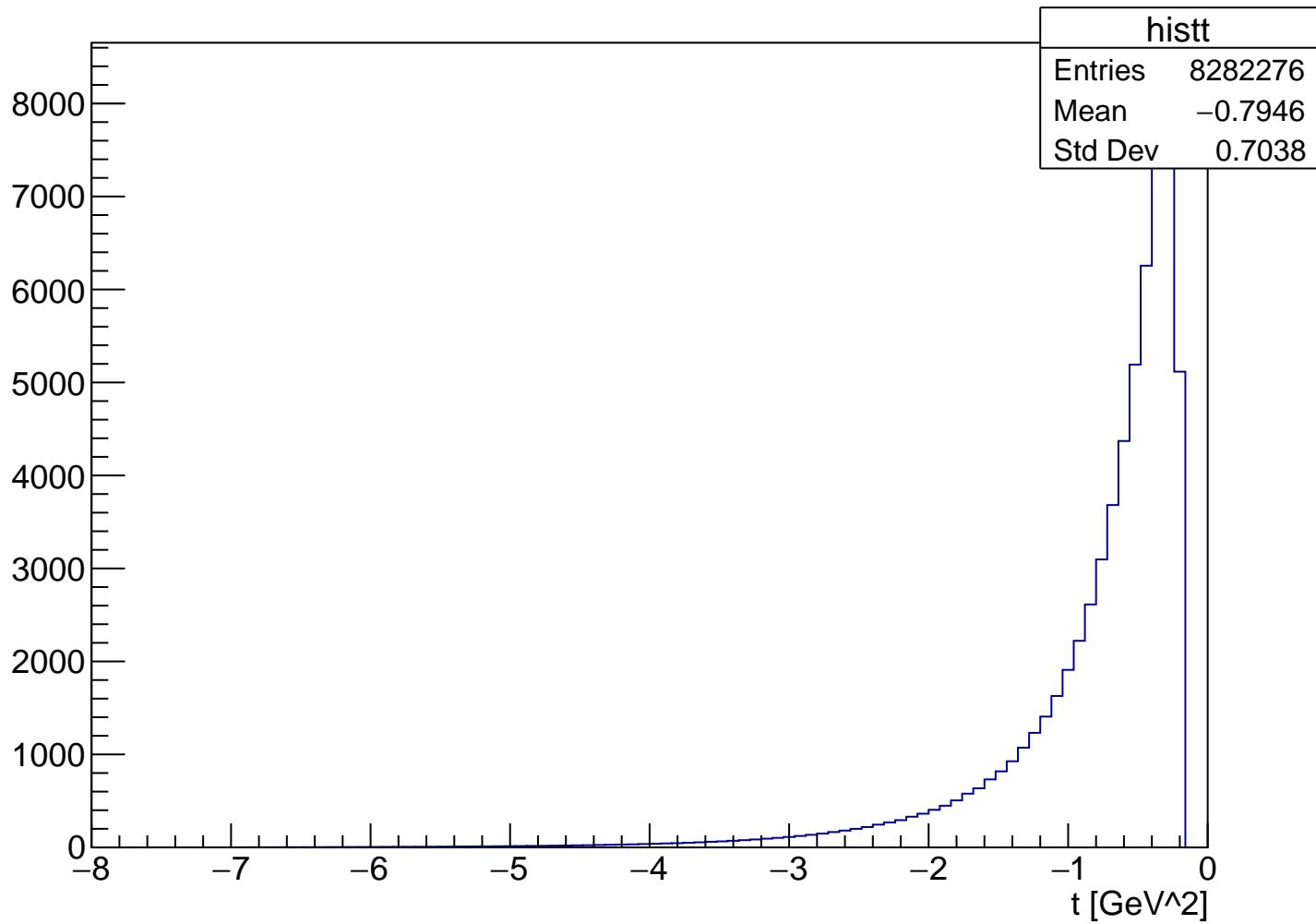
Q2



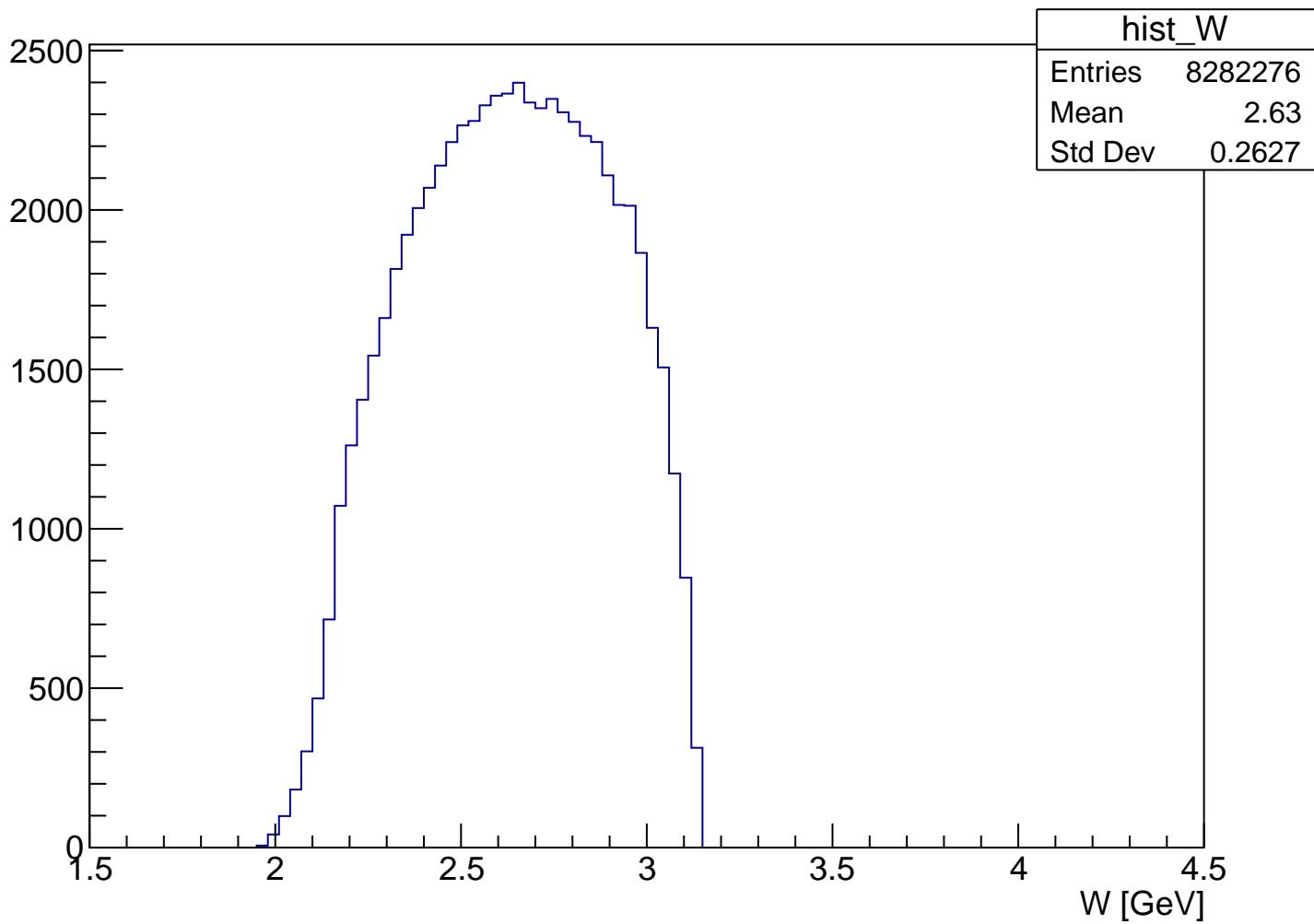
**xb**



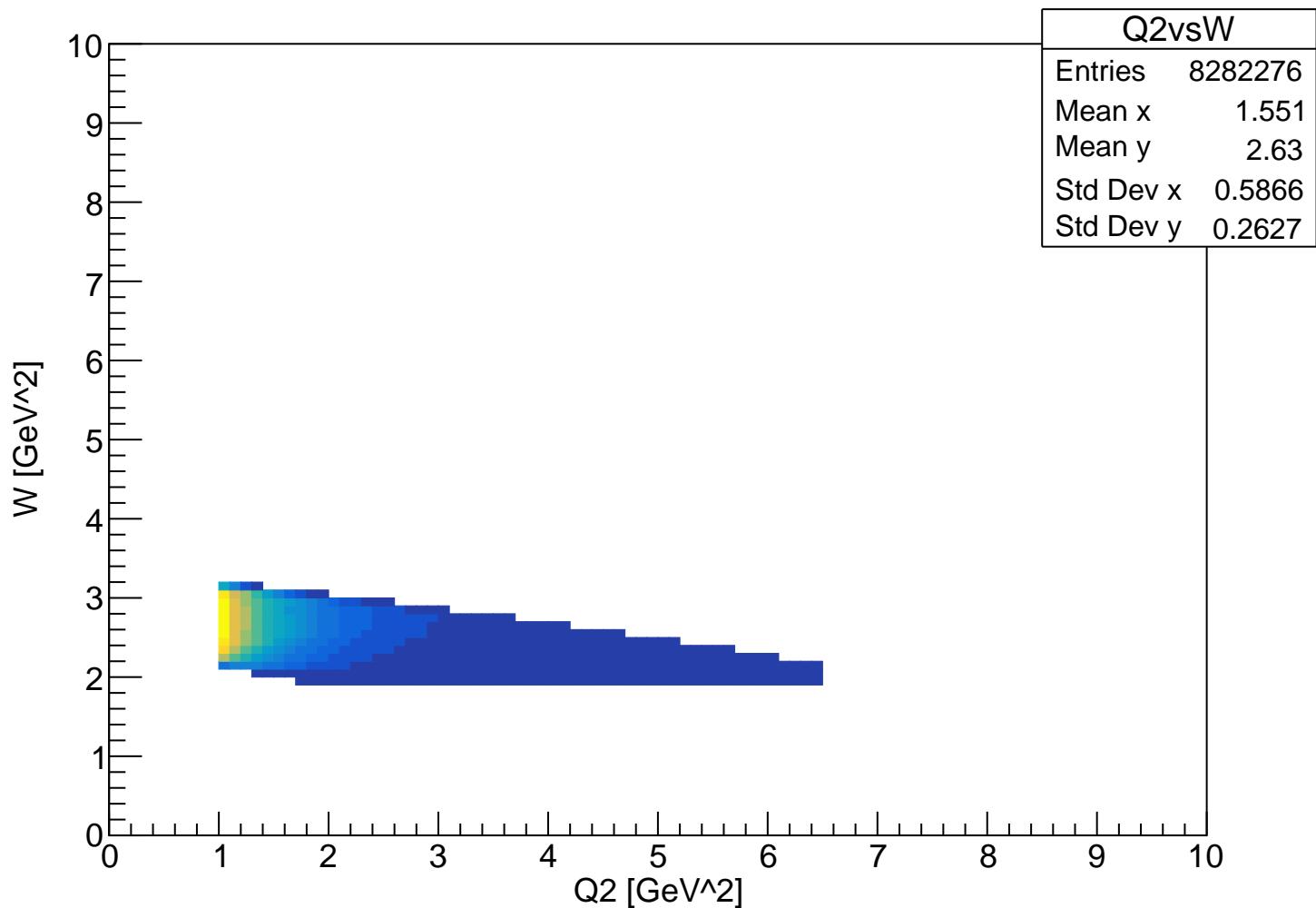
*t*



$W$



# Q2 vs W



# t vs Q2 with kinematics cuts

