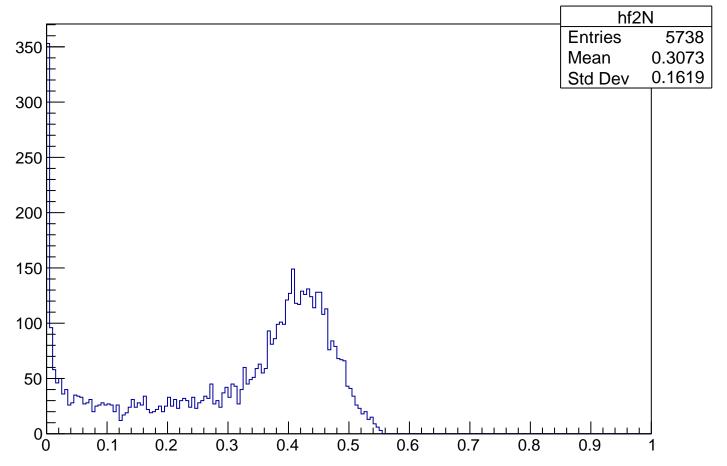
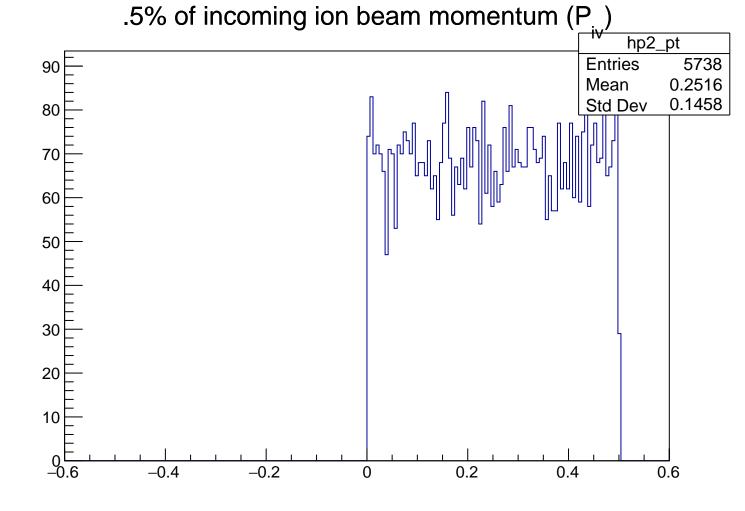


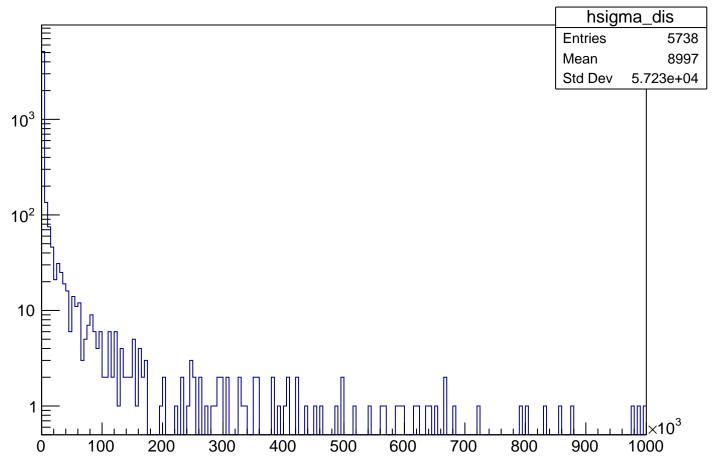
f2N



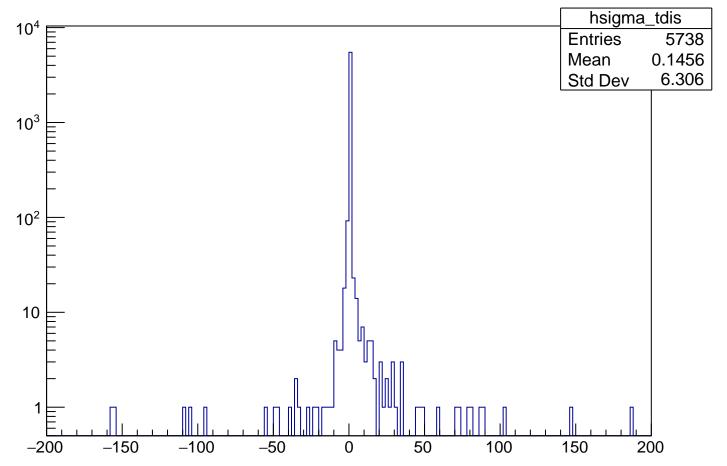


Random number between (0,1) hp2\_z Entries 5738 80 0.4985 Mean 0.2866 Std Dev 70 60 50 40 30 20 10 0 -0.5 0.5

DIS cross section

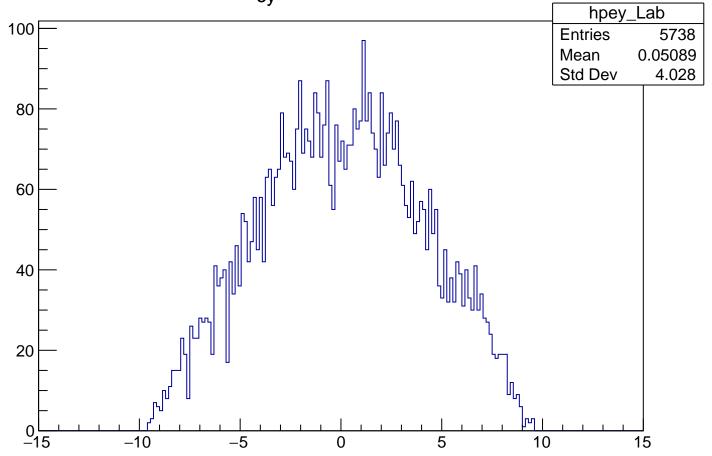


## TDIS cross section

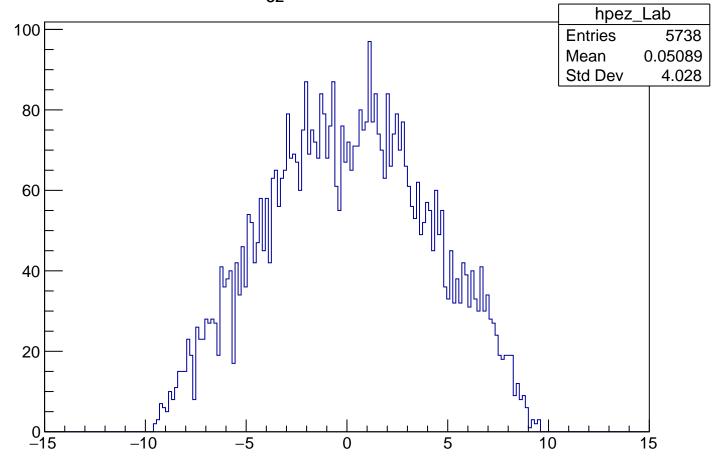


P<sub>ex</sub> in Lab Frame hpex\_Lab **Entries** -0.1246Mean Std Dev 3.992 −15 -10-5 

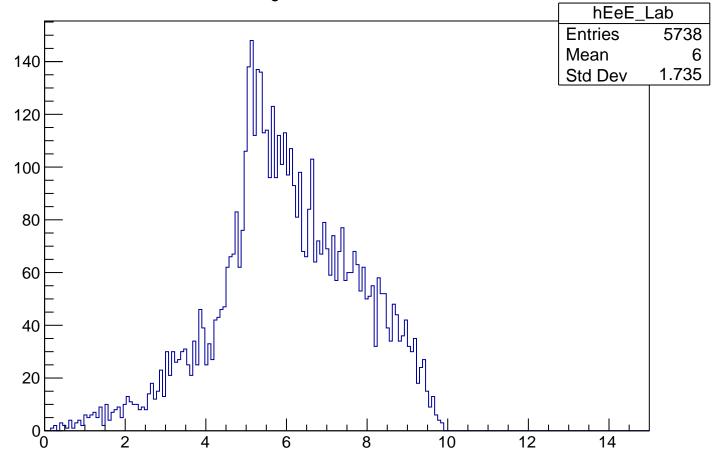
 $P_{\text{ey}}$  in Lab Frame



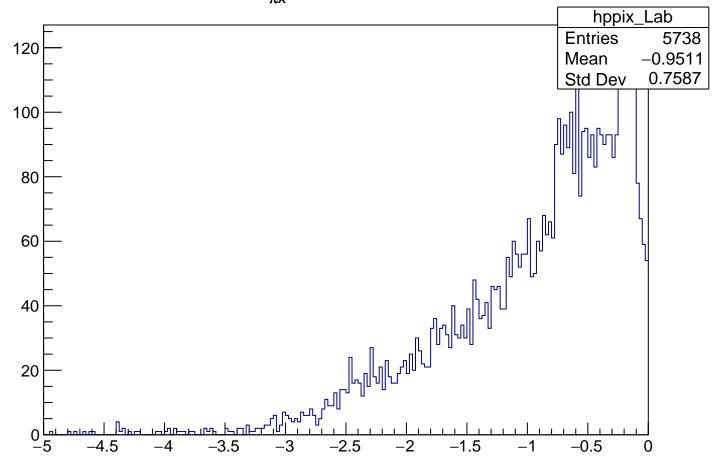
P<sub>ez</sub> in Lab Frame



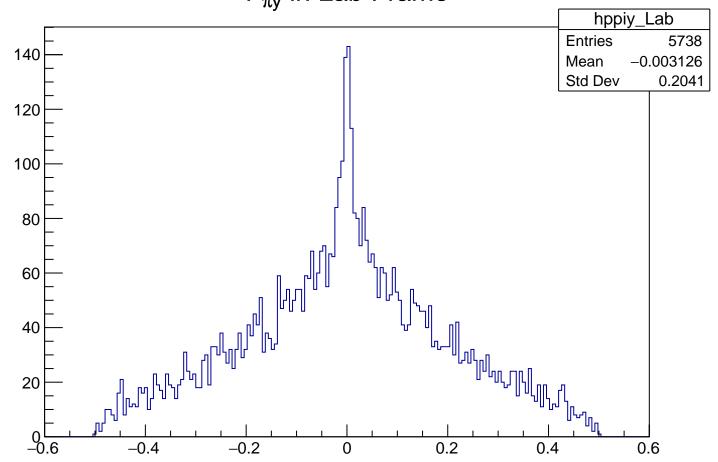
E<sub>e</sub> in Lab Frame



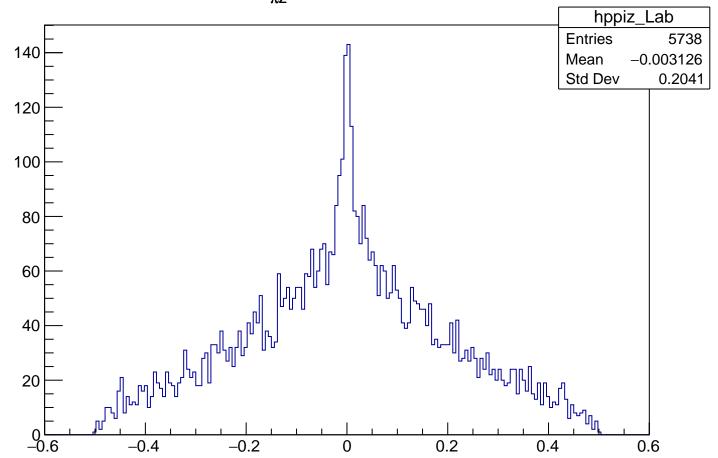
 $P_{\pi x}$  in Lab Frame



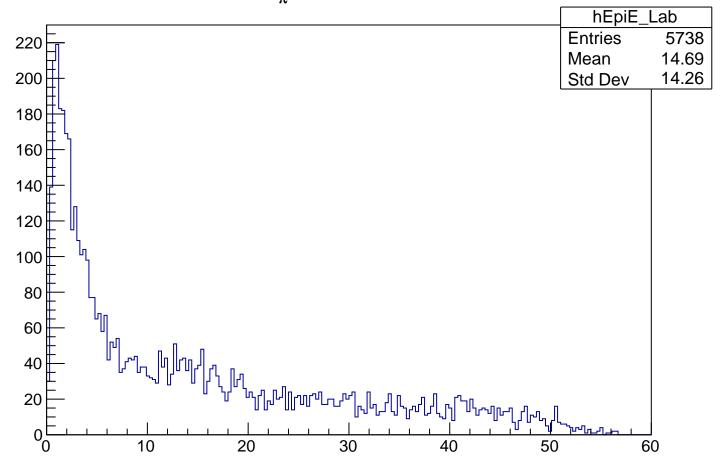
 $P_{\pi y}$  in Lab Frame



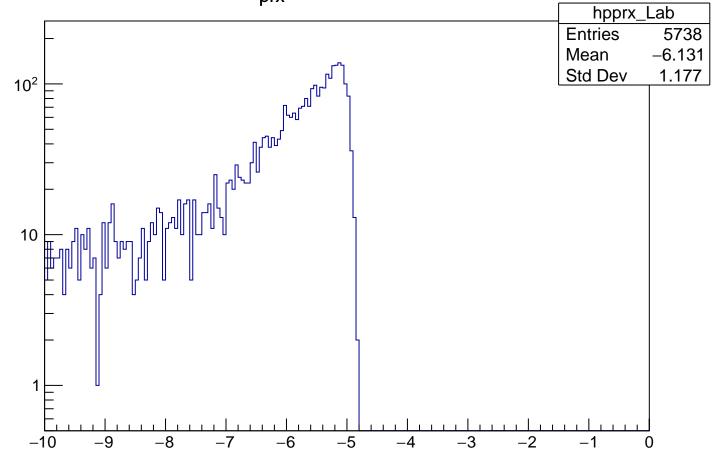
 $P_{\pi z}$  in Lab Frame



 $E_{\pi}$  in Lab Frame



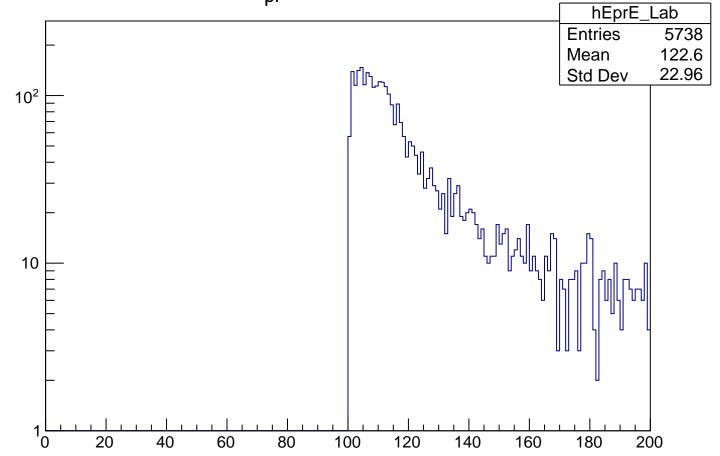
 $P_{\text{prx}}$  in Lab Frame



P<sub>pry</sub> in Lab Frame hppry\_Lab **Entries** 5738 Mean 0.00416  $10^{2}$ Std Dev 0.2266 10 -0.6-0.4 -0.2 0.2 0.6 0.4

P<sub>prz</sub> in Lab Frame hpprz\_Lab **Entries** 5738 Mean 0.00416  $10^{2}$ Std Dev 0.2266 10 -0.6-0.4 -0.2 0.2 0.6 0.4

E<sub>pr</sub> in Lab Frame



(Miss Mass)  $P_{xx}$  in Lab Frame hpXx\_Lab 10<sup>4</sup> **Entries** 5738 Mean Std Dev 10<sup>3</sup>  $10^2$ 10

0

0.2

0.4

0.6

8.0

-0.2

-0.4

-0.8

-0.6

(Miss Mass)  $P_{xy}$  in Lab Frame hpXy\_Lab 10<sup>4</sup> **Entries** 5738 Mean Std Dev 10<sup>3</sup>  $10^2$ 10 -0.6 -0.2 0.2 -0.8-0.40 0.4 0.6 8.0

(Miss Mass)  $P_{xz}$  in Lab Frame hpXz\_Lab 10<sup>4</sup> **Entries** 5738 Mean Std Dev 10<sup>3</sup>  $10^2$ 10

0

0.2

0.4

0.6

8.0

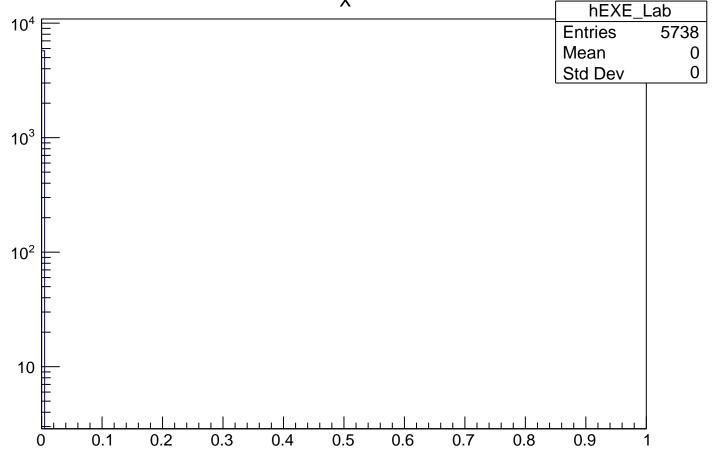
-0.2

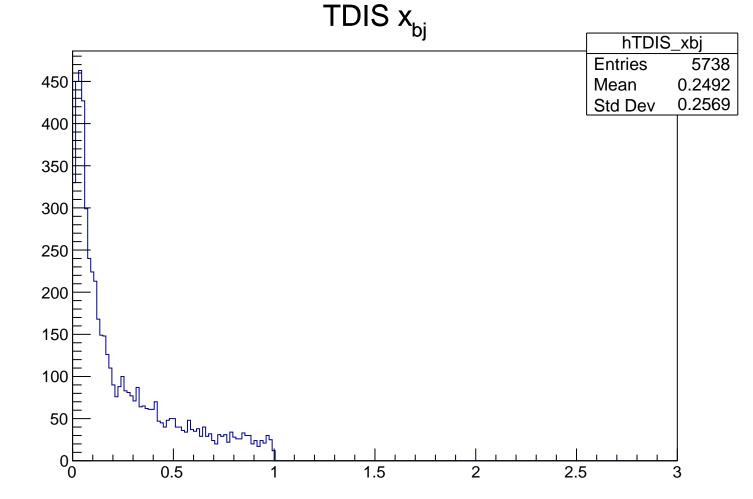
-0.4

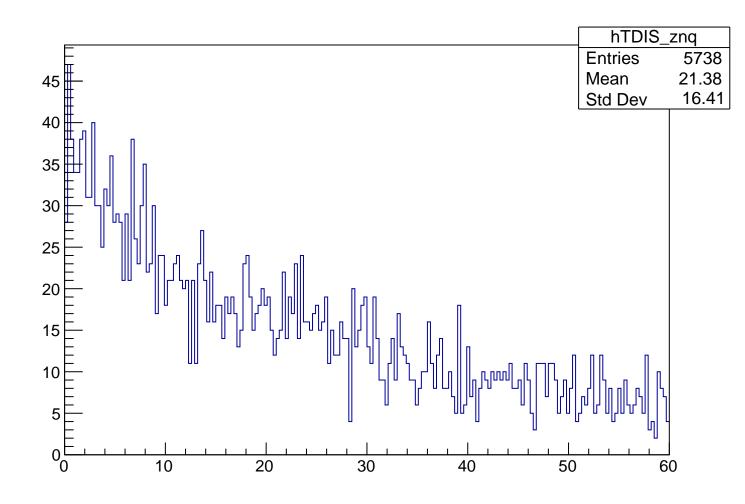
-0.8

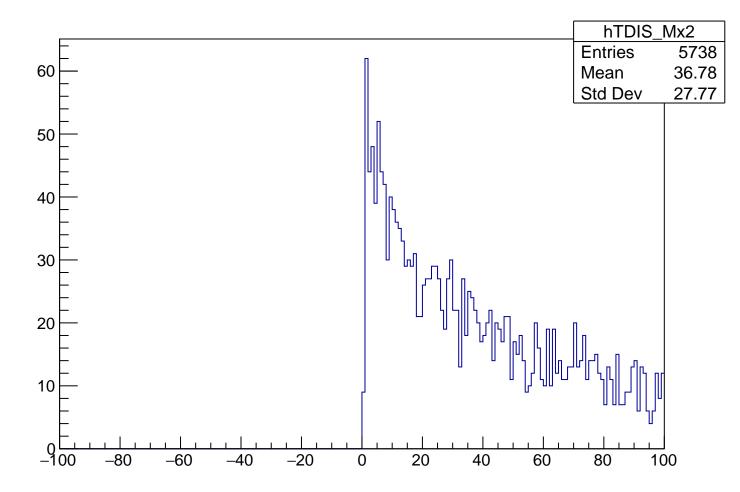
-0.6

(Miss Mass)  $E_X$  in Lab Frame

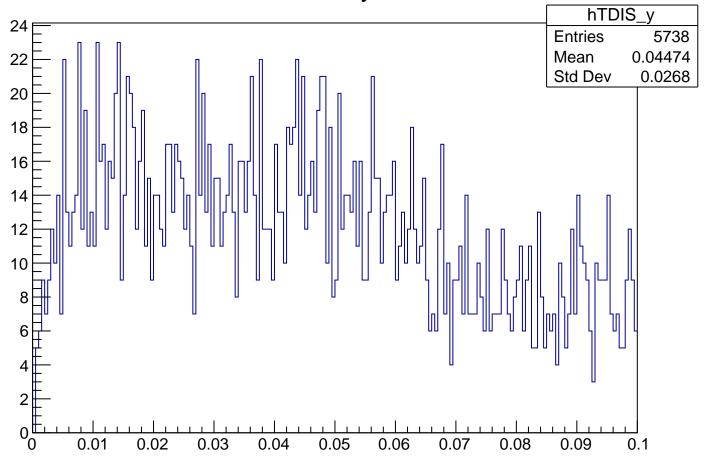




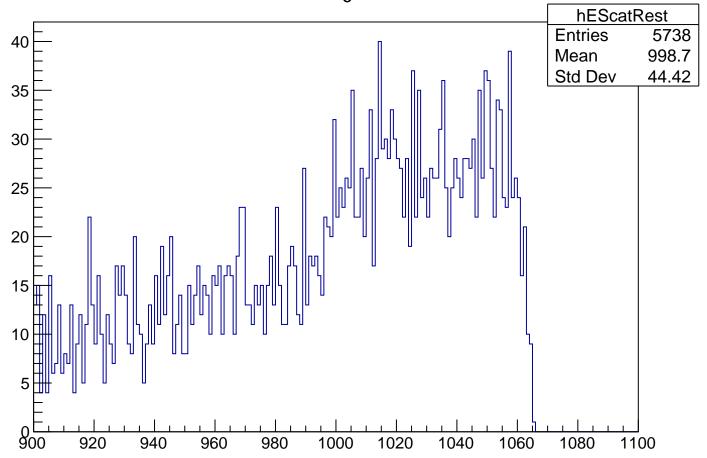




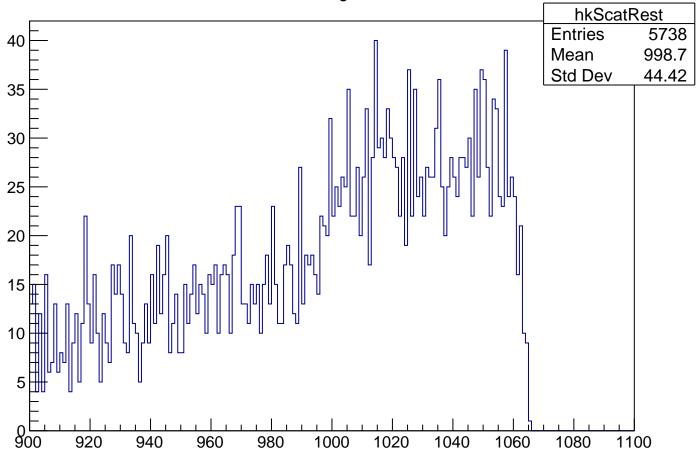
TDIS y



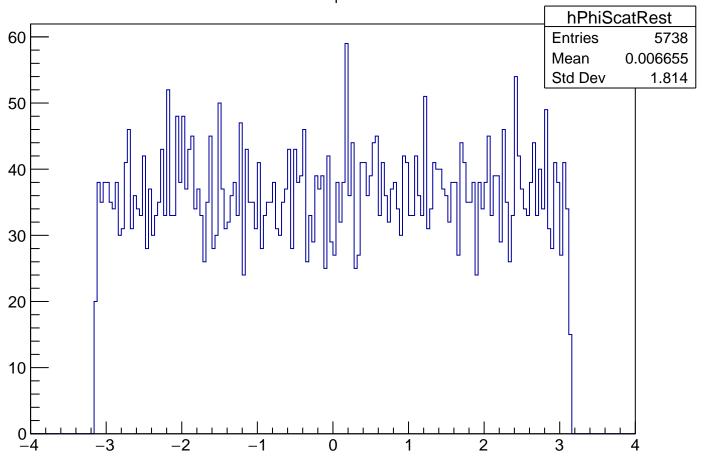
Scat electron E<sub>e</sub> in rest frame



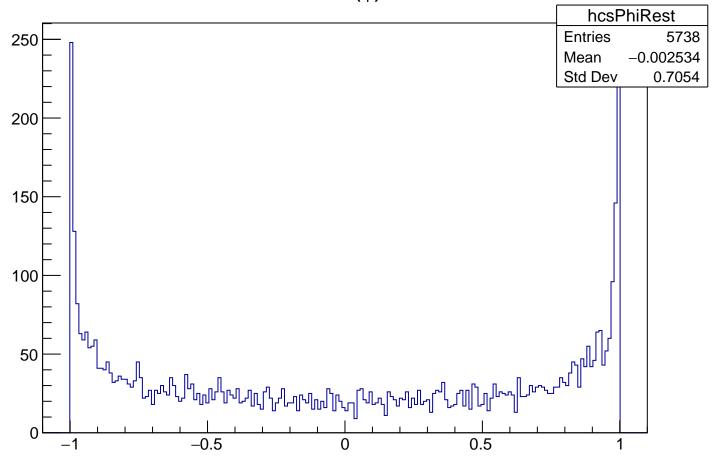
Scat electron P<sub>e</sub> in rest frame



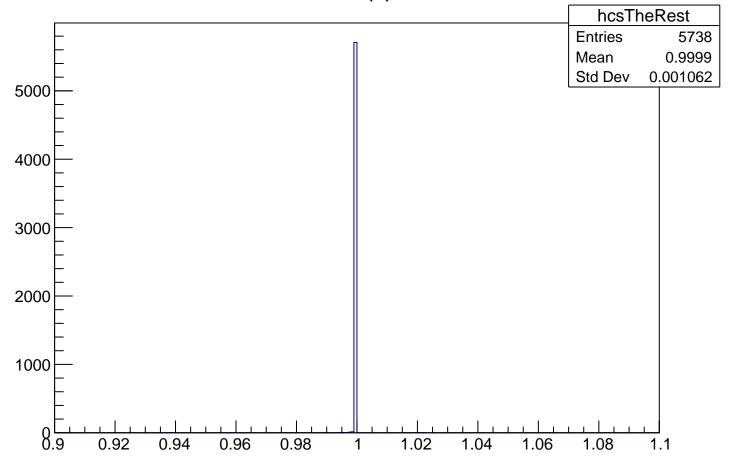
Scat electron  $\phi$  in rest frame



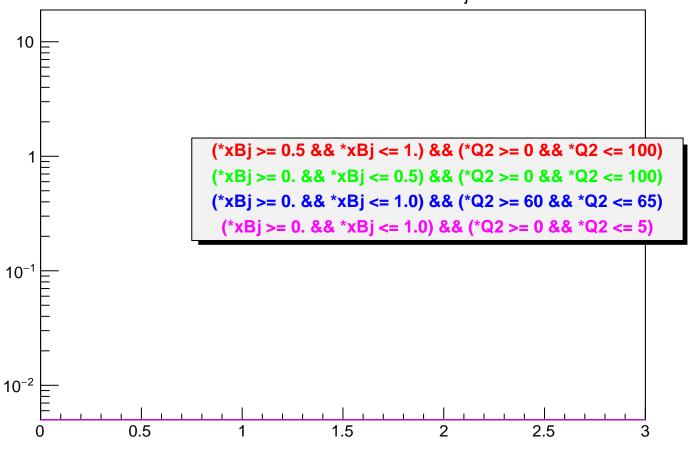
Scat electron cos(φ) in rest frame

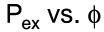


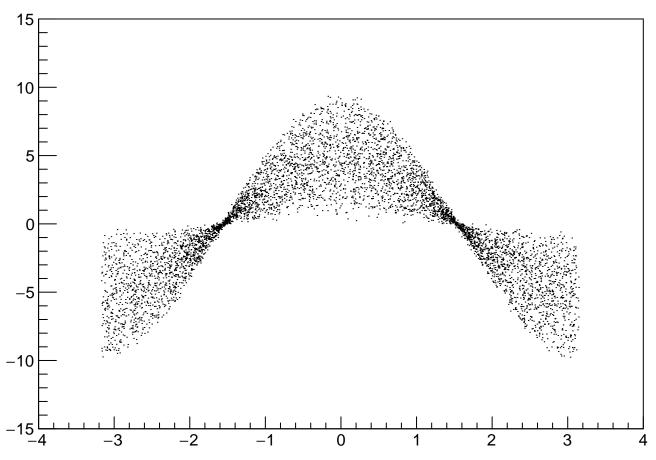
Scat electron  $cos(\theta)$  in rest frame



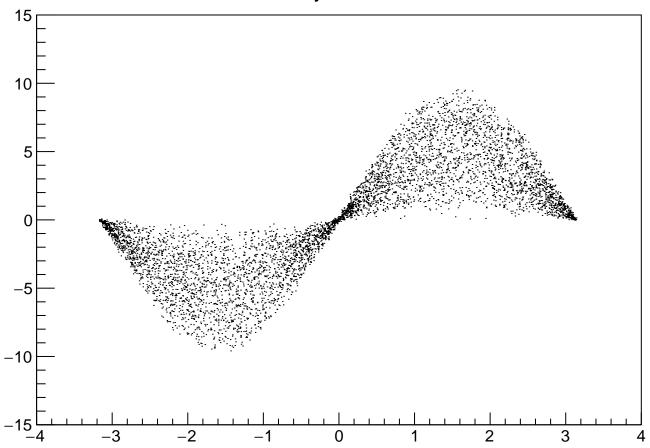
## t binned in $Q^2$ and $x_{Bi}$

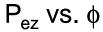


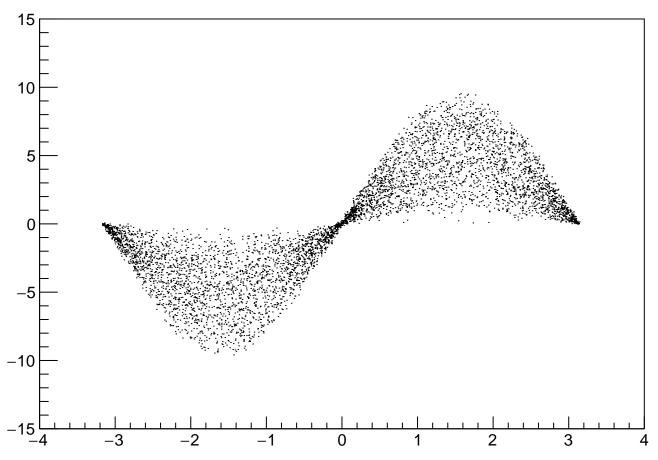




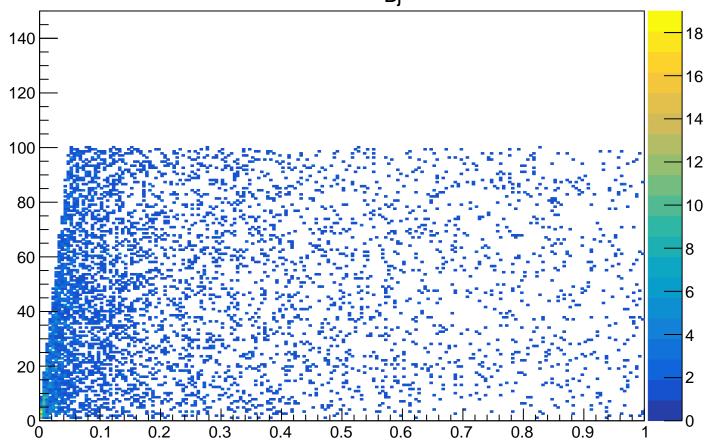




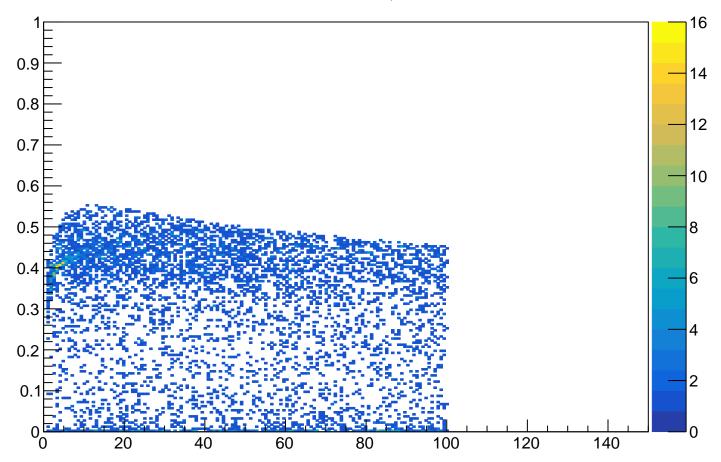




 $Q^2$  vs.  $x_{Bj}$ 



f2N vs. Q<sup>2</sup>



Q² vs.  $x_{Bi}$  vs.  $\sigma_{DIS}$  [Q²=7± 0.1 GeV², 0≤ x≤ 0.1]

