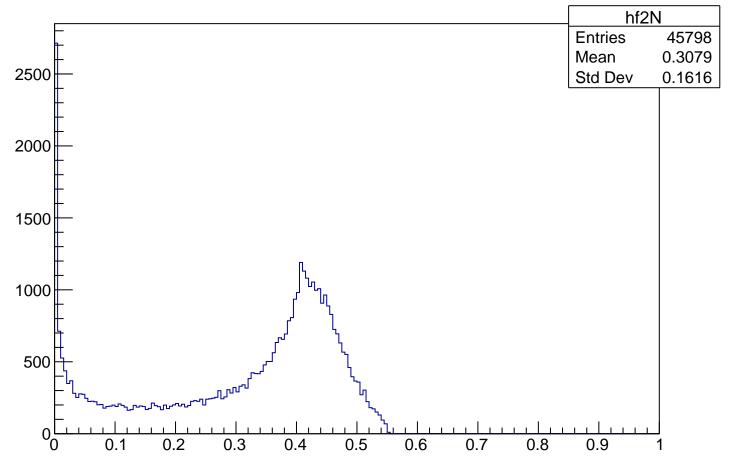


f2N



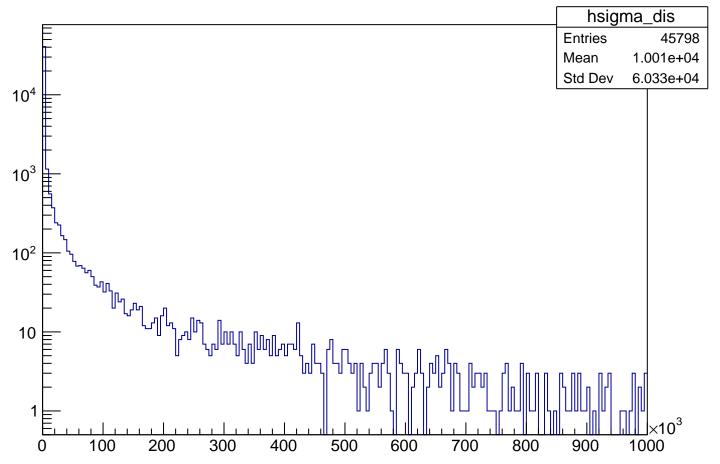
.5% of incoming ion beam momentum (P hp2_pt **Entries** 45798 600 Mean Std Dev 0.2491 0.1445 500 400 300 200 100 -0.4 -0.2 0.2 0.4 0.6

Random number between (0,1) hp2_z Entries 45798 Mean Std Dev 0.4994 500 0.2881 400 300 200 100

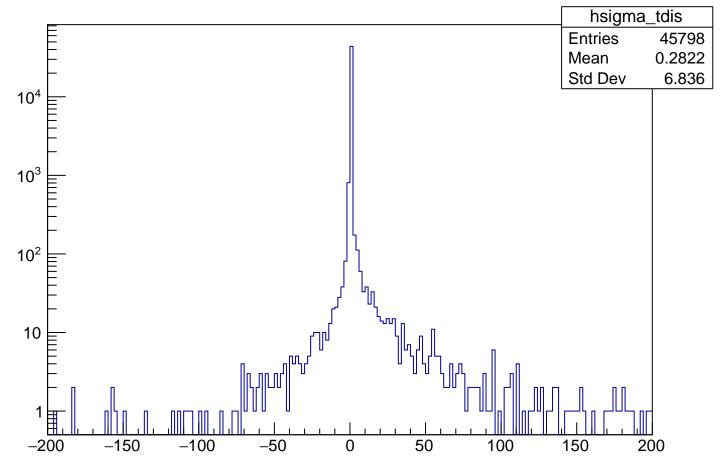
0.5

-0.5

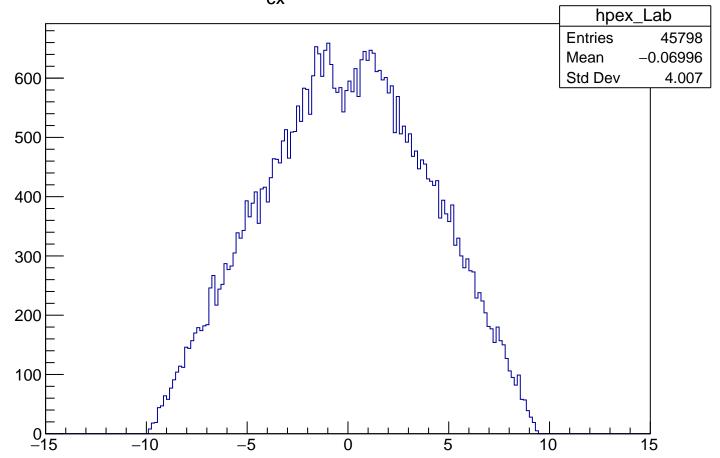
DIS cross section



TDIS cross section



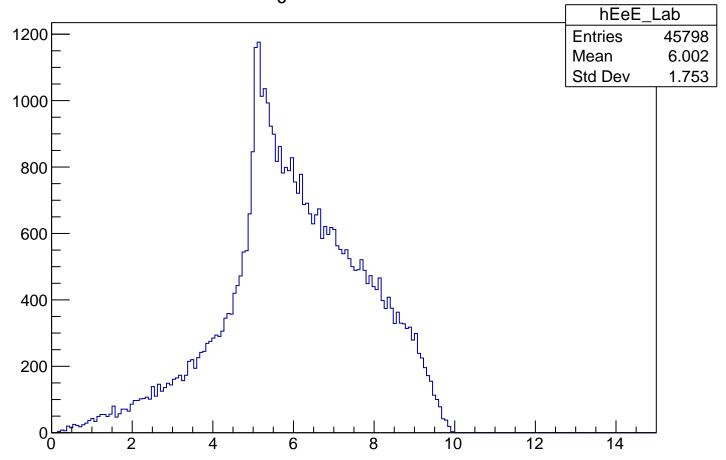
P_{ex} in Lab Frame



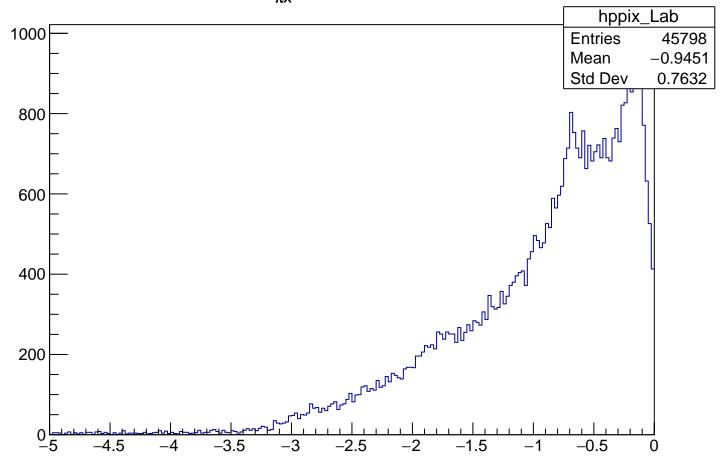
P_{ey} in Lab Frame hpey_Lab **Entries** 45798 Mean 0.02299 Std Dev 4.031 600 500 400 300 200 100 0 −15 15 -10 10

P_{ez} in Lab Frame hpez_Lab **Entries** 45798 Mean 0.02299 Std Dev 4.031 600 500 400 300 200 100 0 -15 15 -10 10

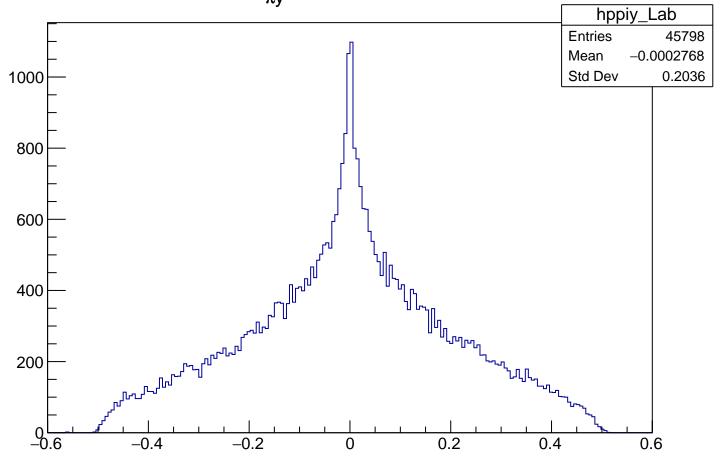
E_e in Lab Frame



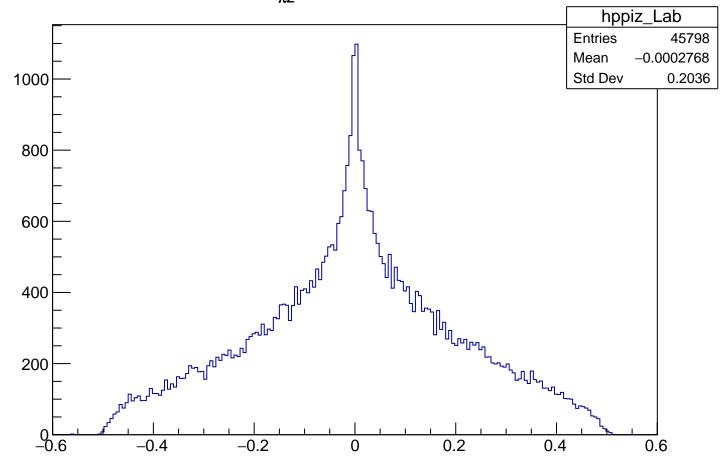
 $P_{\pi x}$ in Lab Frame



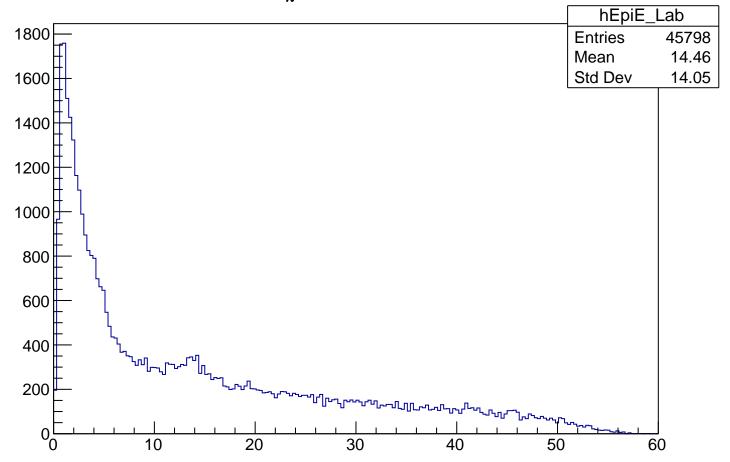
 $P_{\pi y}$ in Lab Frame



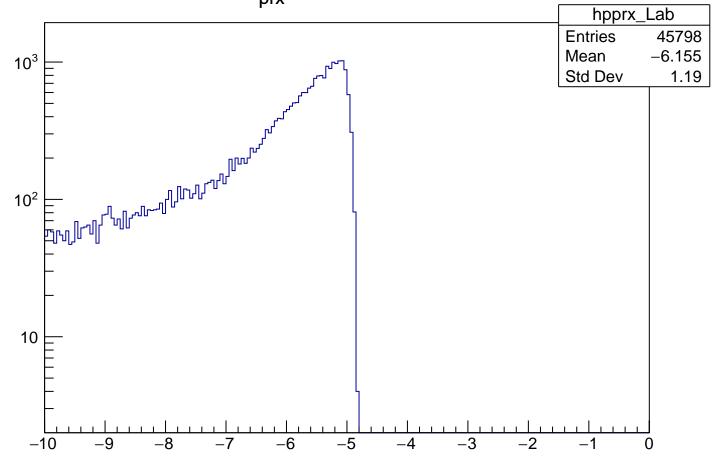
 $P_{\pi z}$ in Lab Frame



E_{π} in Lab Frame



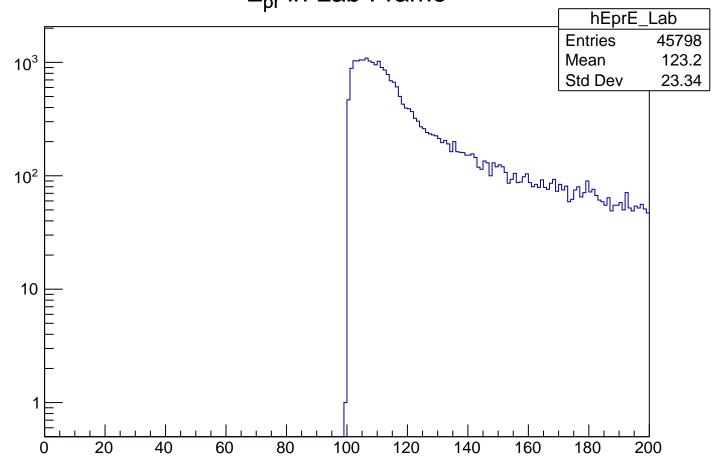
P_{prx} in Lab Frame



P_{pry} in Lab Frame hppry_Lab 10³ **Entries** 45798 Mean 0.001526 Std Dev 0.2244 10^2 10 -0.6-0.4 -0.2 0.2 0.4 0.6

P_{prz} in Lab Frame hpprz_Lab 10³ **Entries** 45798 Mean 0.001526 Std Dev 0.2244 10^2 10 -0.6-0.4 -0.2 0.2 0.4 0.6

E_{pr} in Lab Frame



(Miss Mass) P_{xx} in Lab Frame hpXx_Lab **Entries** 45798 Mean Std Dev 10⁴ 10³ 10^2 -0.8 -0.6 -0.2 0.2 -0.4 0.4 0.6 8.0

(Miss Mass) P_{xy} in Lab Frame hpXy_Lab 45798 **Entries** Mean Std Dev 10⁴ 10³ 10^2 -0.8 -0.6 -0.2 0.2 -0.4 0.4 0.6 8.0

(Miss Mass) P_{xz} in Lab Frame hpXz_Lab **Entries** 45798 Mean Std Dev 10⁴ 10³ 10^2 -0.8 -0.6 -0.2 0.2

0.4

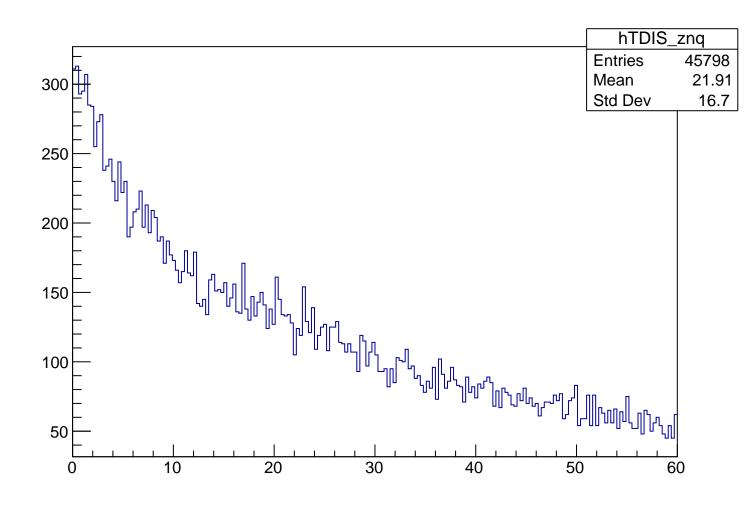
0.6

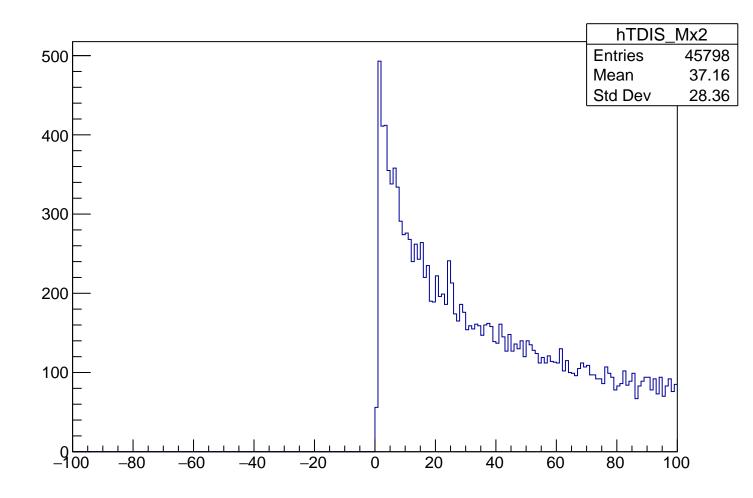
8.0

-0.4

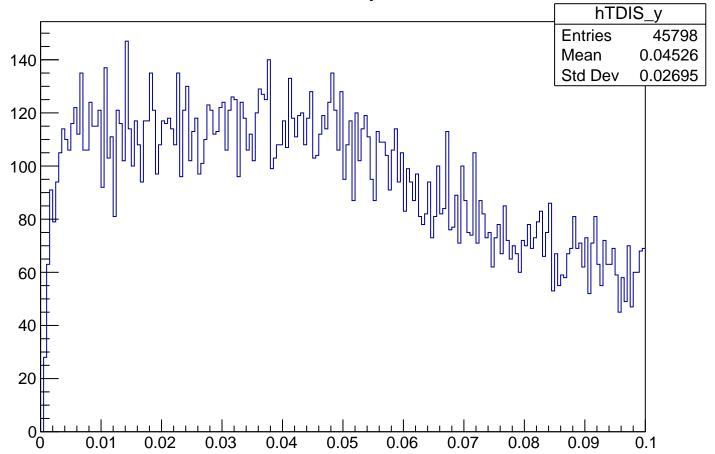
(Miss Mass) $\mathbf{E}_{\mathbf{X}}$ in Lab Frame hEXE_Lab **Entries** 45798 Mean Std Dev 0 10⁴ 10³ 10^2 0.2 0.3 0.1 0.4 0.5 0.6 0.7 8.0 0.9

TDIS x_{bj} hTDIS_xbj **Entries** 45798 3500 0.2475 Mean Std Dev 0.2561 3000 2500 2000 1500 1000 500 0, 0.5 1.5 2.5

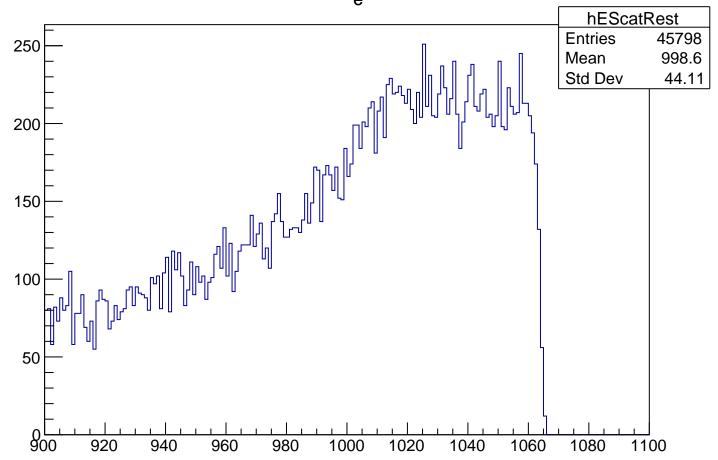




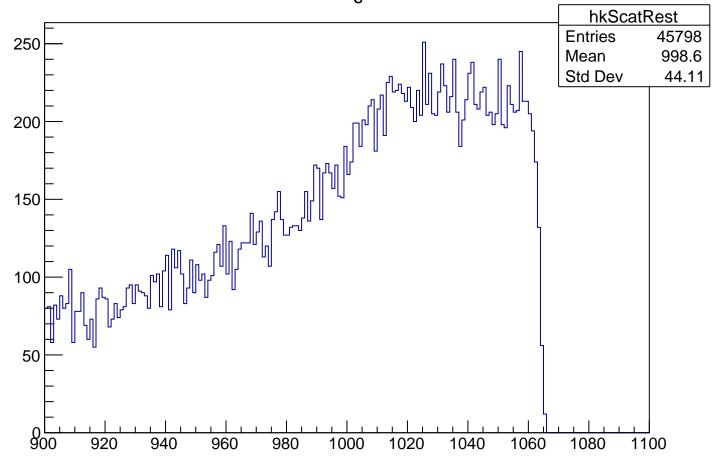
TDIS y



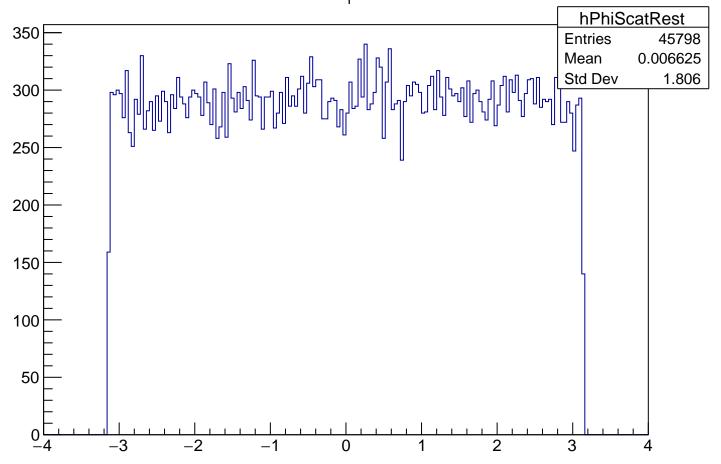
Scat electron $E_{\rm e}$ in rest frame



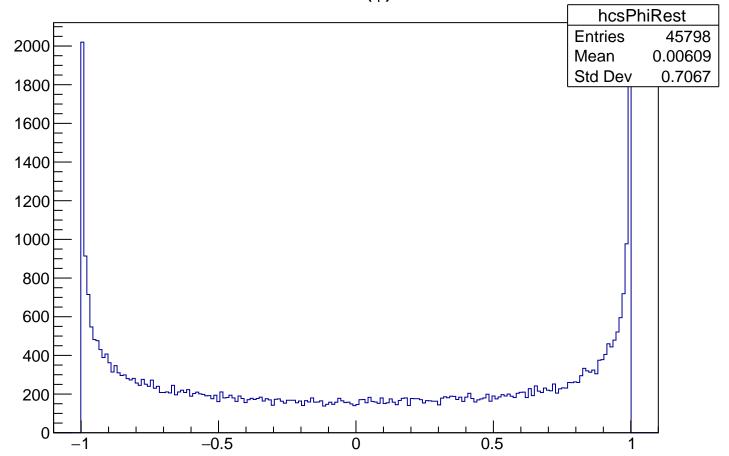
Scat electron P_e in rest frame



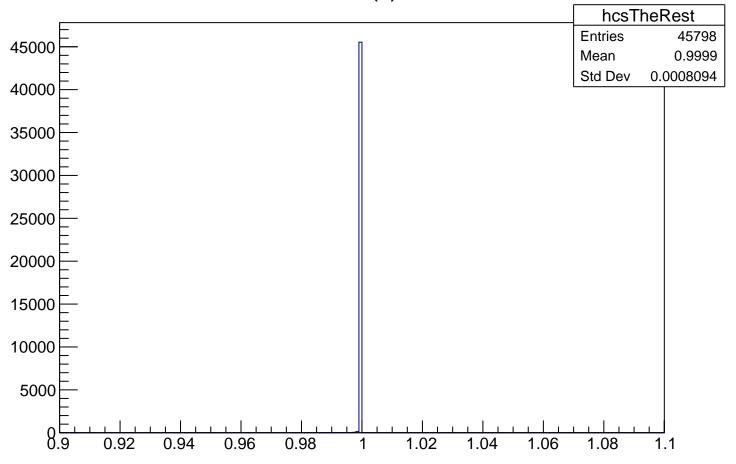
Scat electron ϕ in rest frame



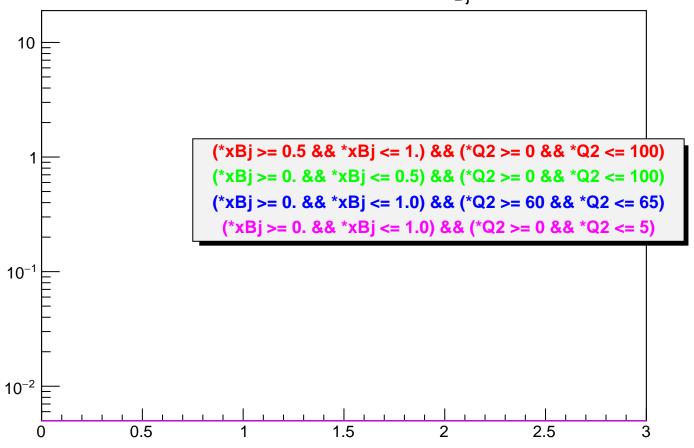
Scat electron cos(φ) in rest frame

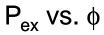


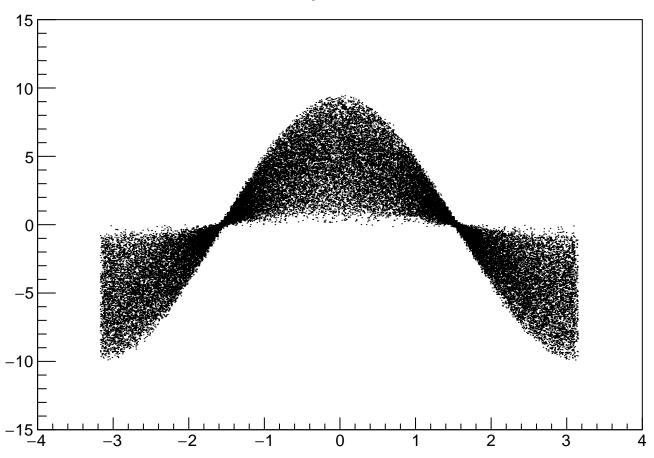
Scat electron $cos(\theta)$ in rest frame



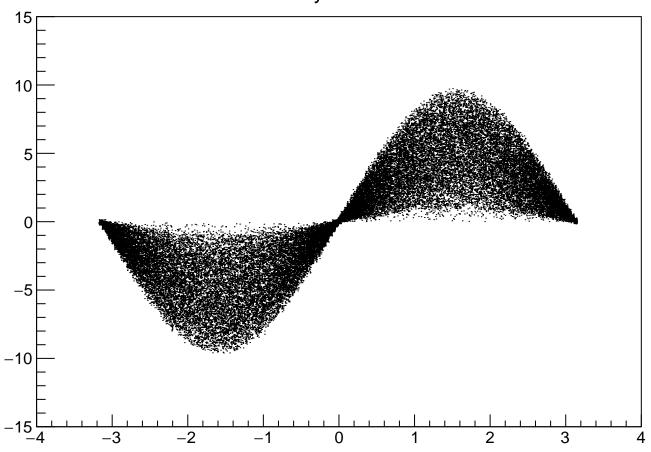
t binned in Q^2 and x_{Bi}



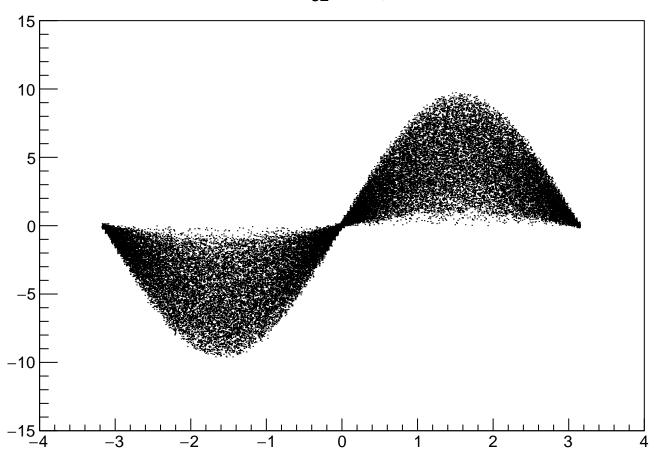




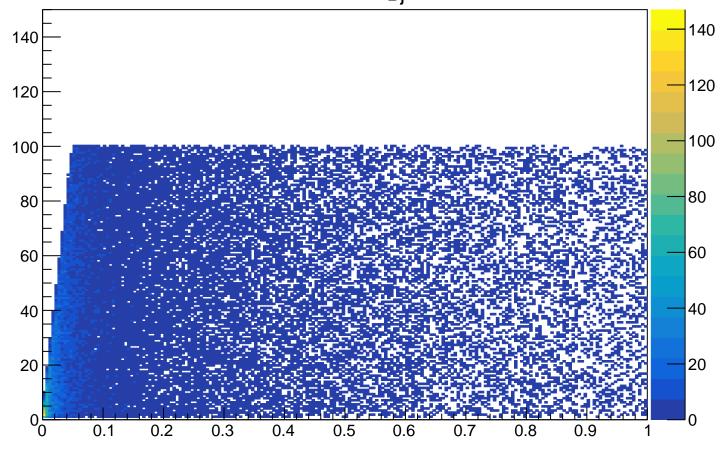
 $P_{ey} \ vs. \ \varphi$



 P_{ez} vs. ϕ



 Q^2 vs. x_{Bj}



f2N vs. Q²

