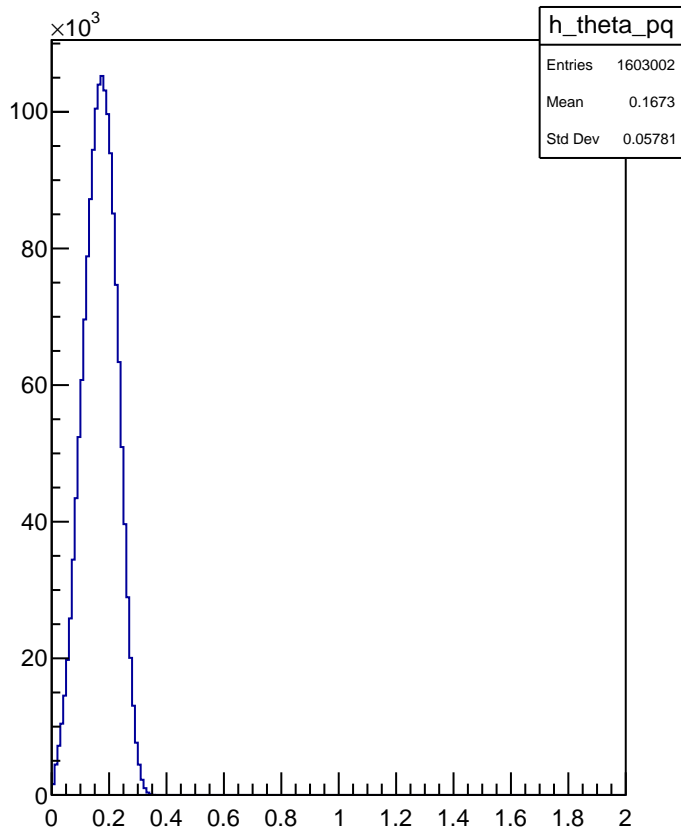
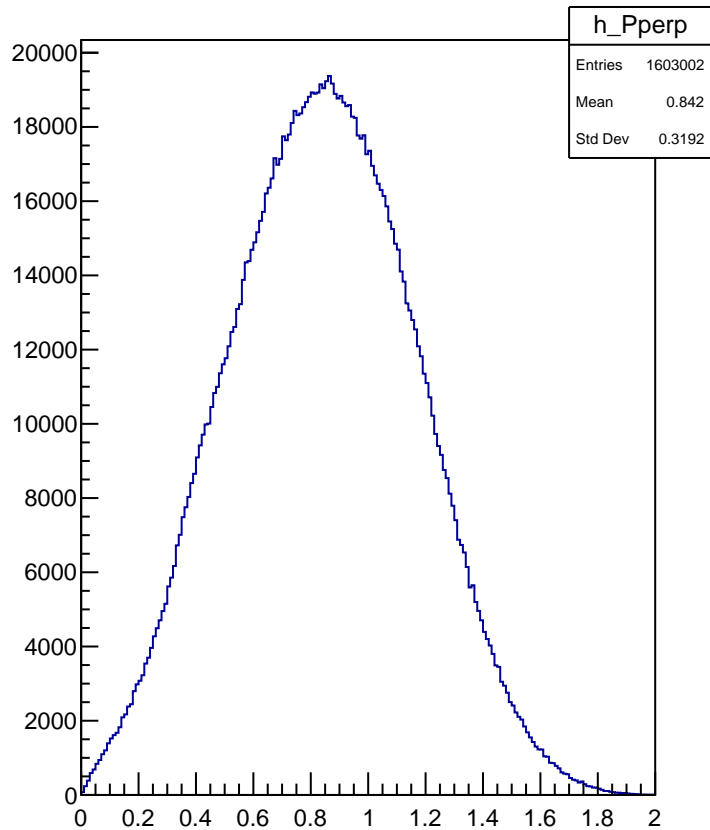


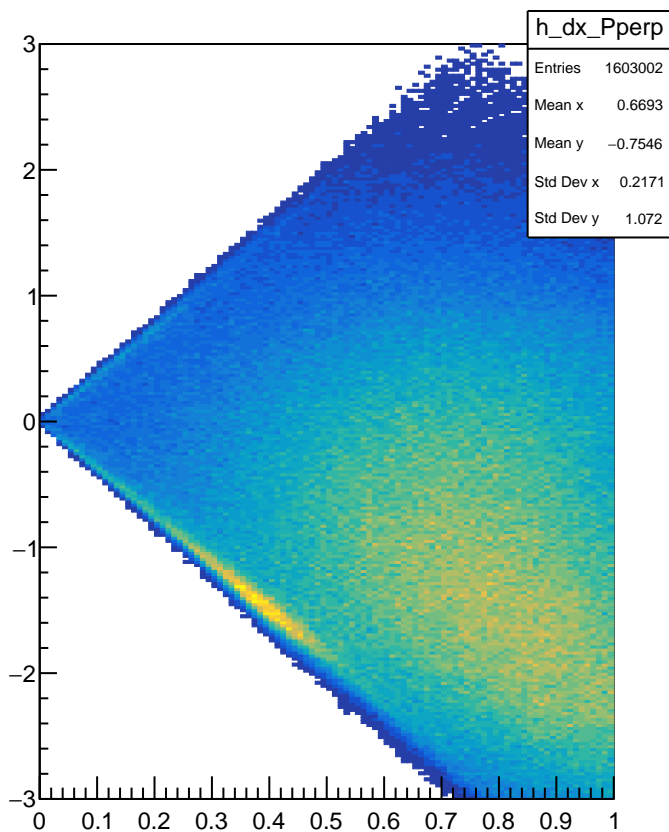
theta_pq



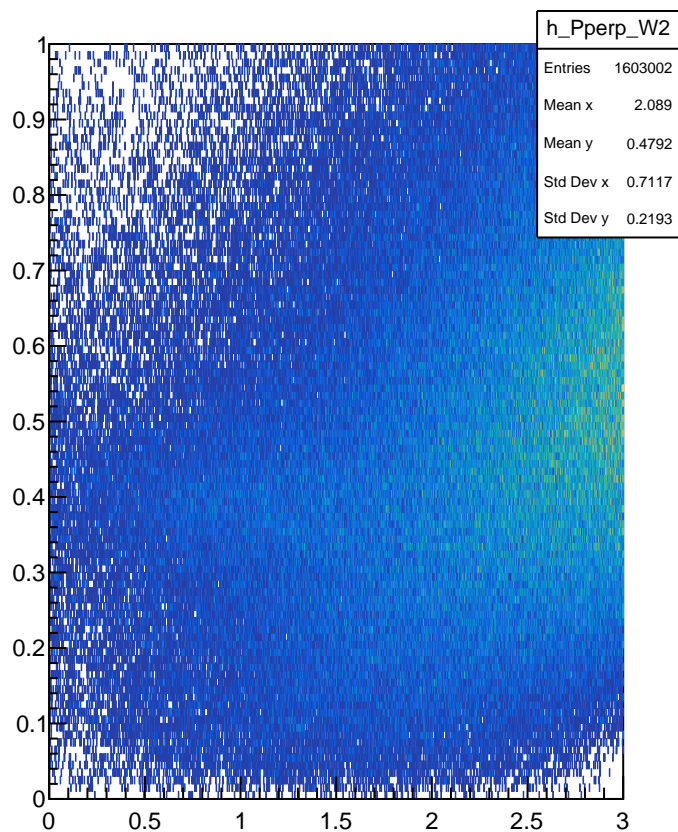
Pperp



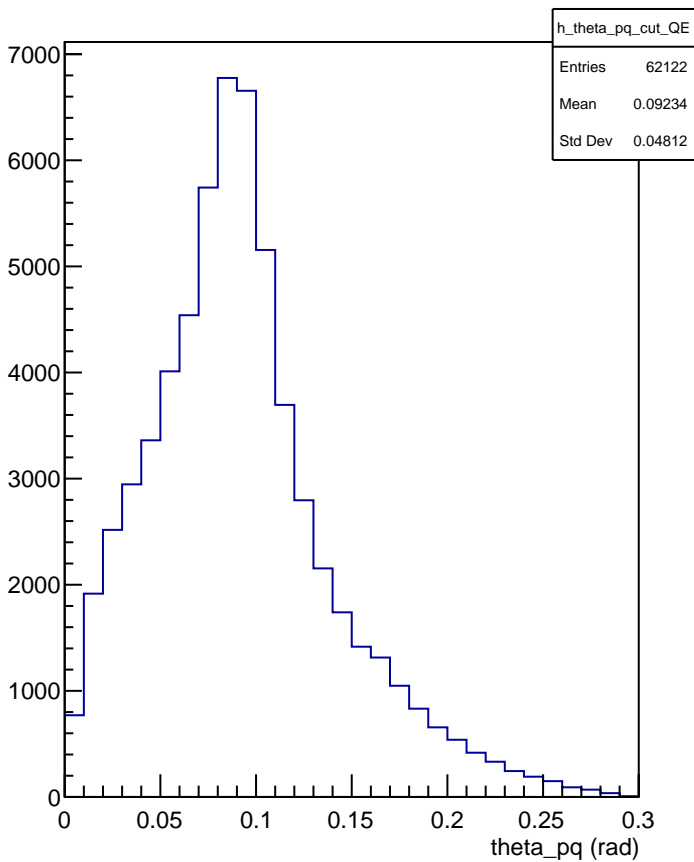
dx v Pperp dist



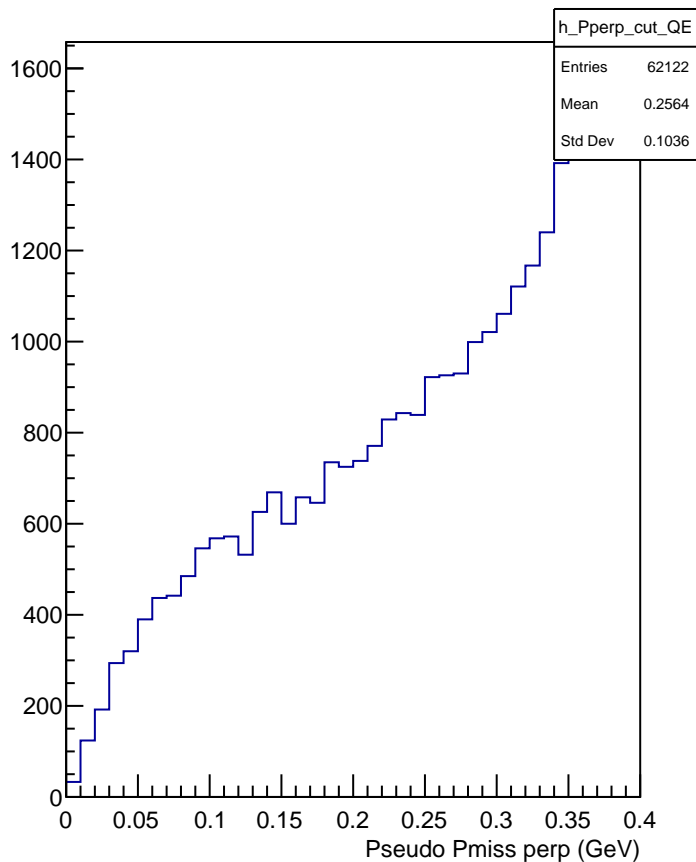
Pperp v W2 dist



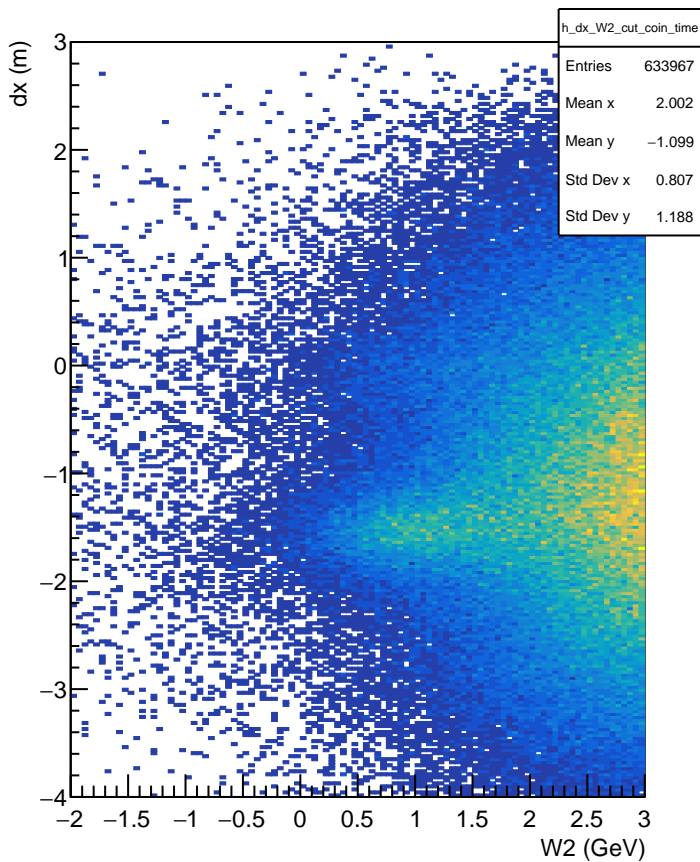
theta_pq with QE cuts



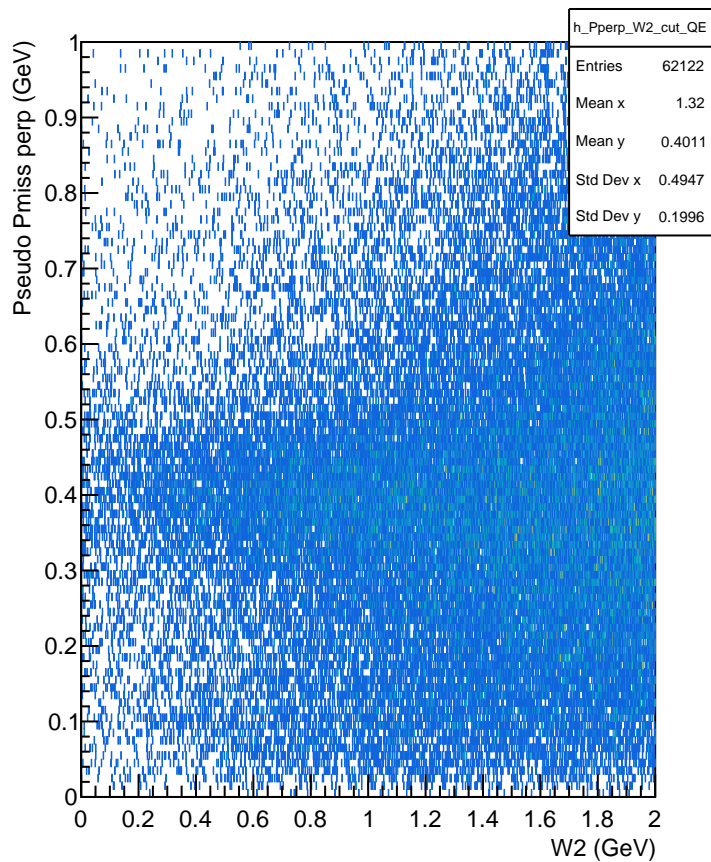
Pperp with QE cuts



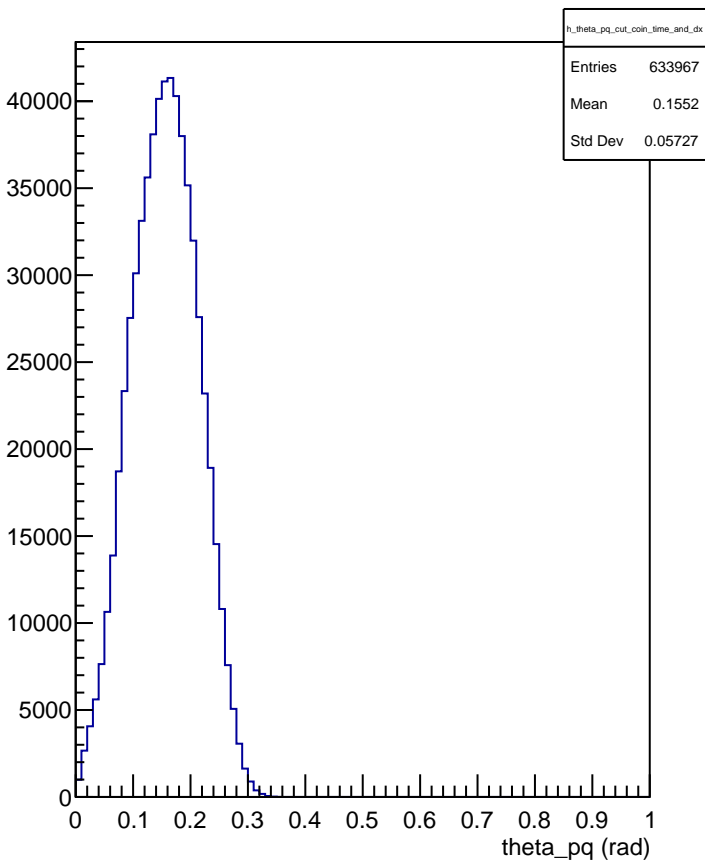
dx v W2 dist with coin time cut



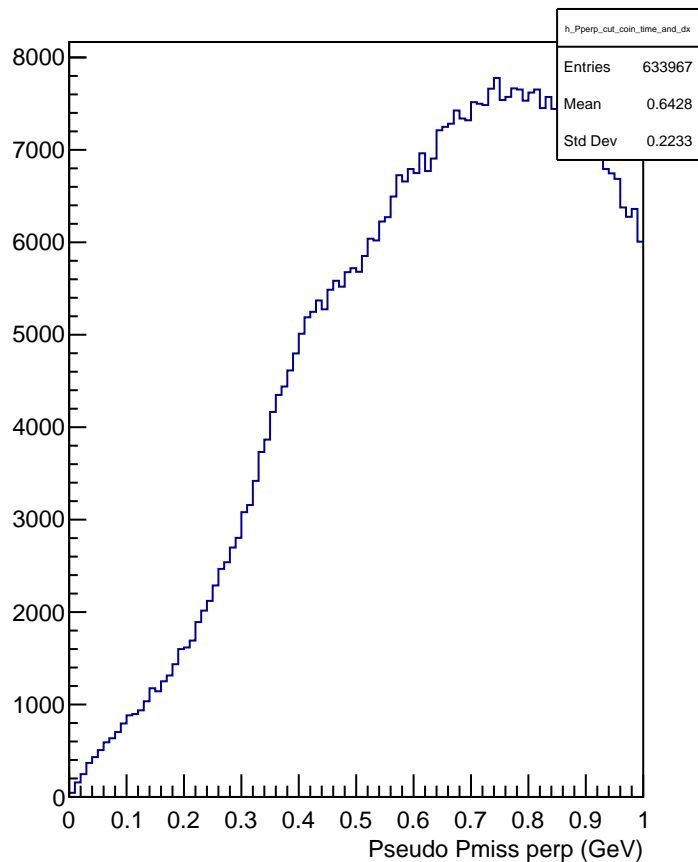
Pperp v W2 dist with QE cuts



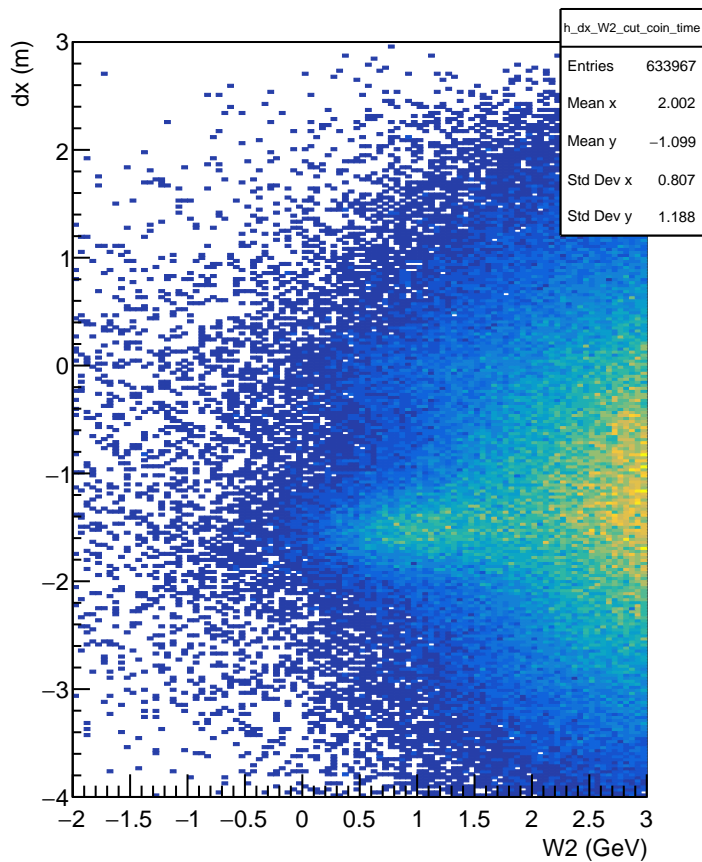
theta_pq only with coin cut



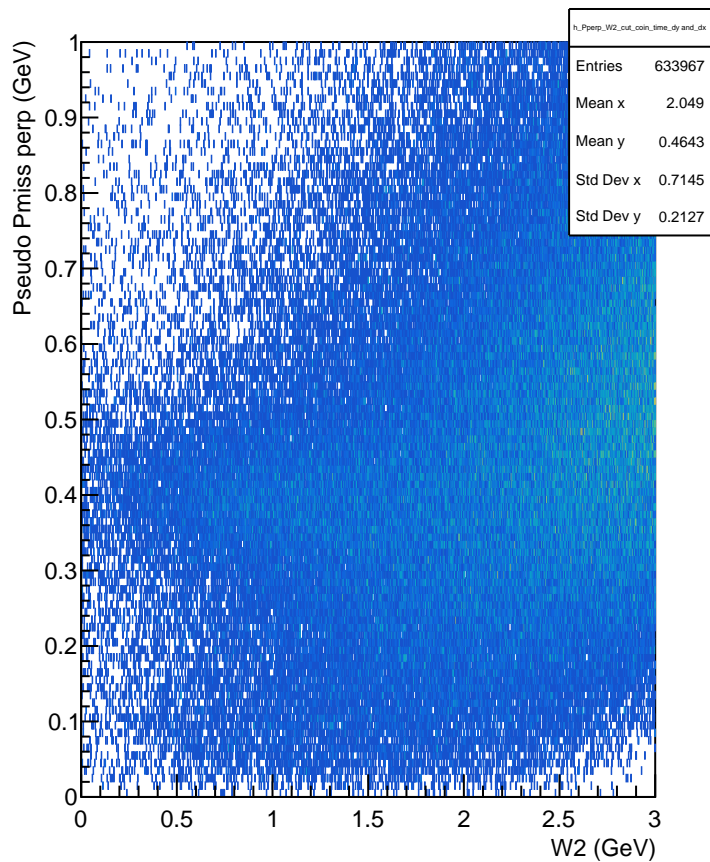
Pperp only with coin cut



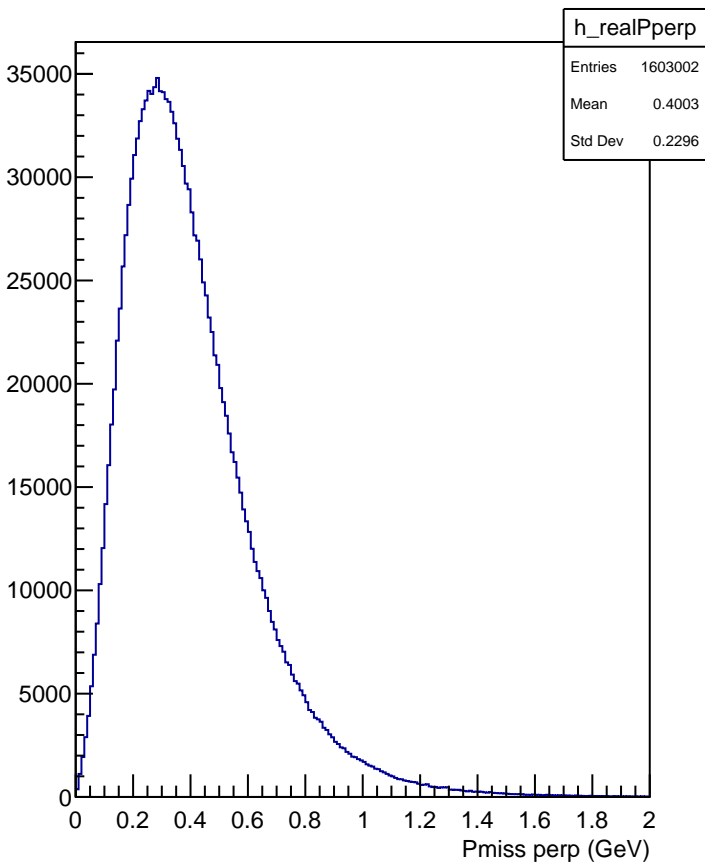
dx v W2 dist with coin time cut



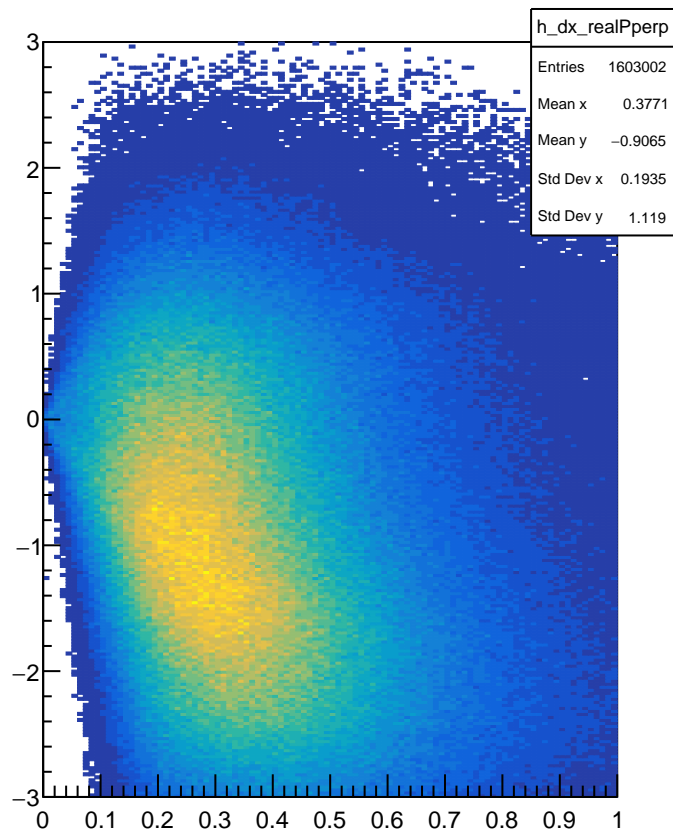
Pperp v W2 dist only with coin



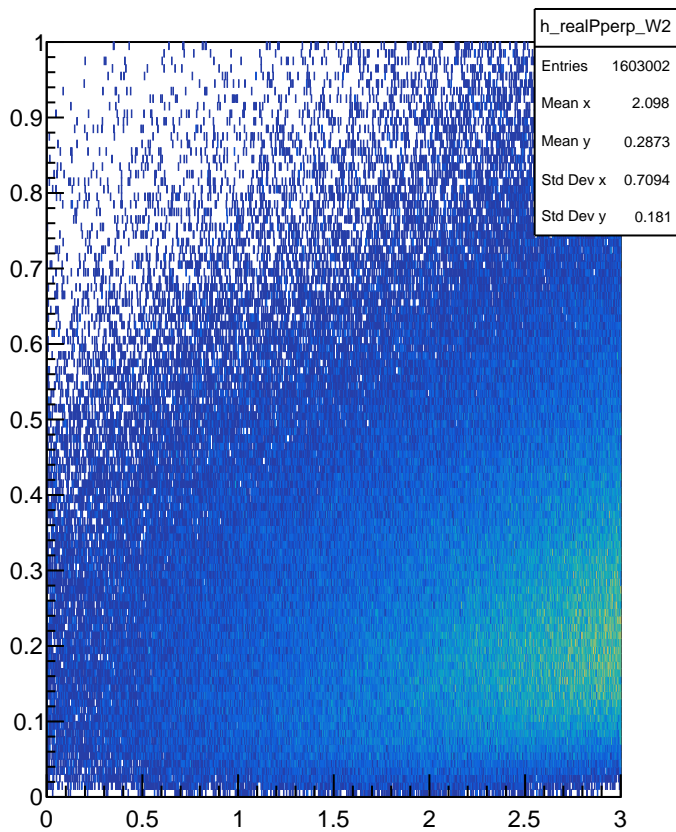
realPperp



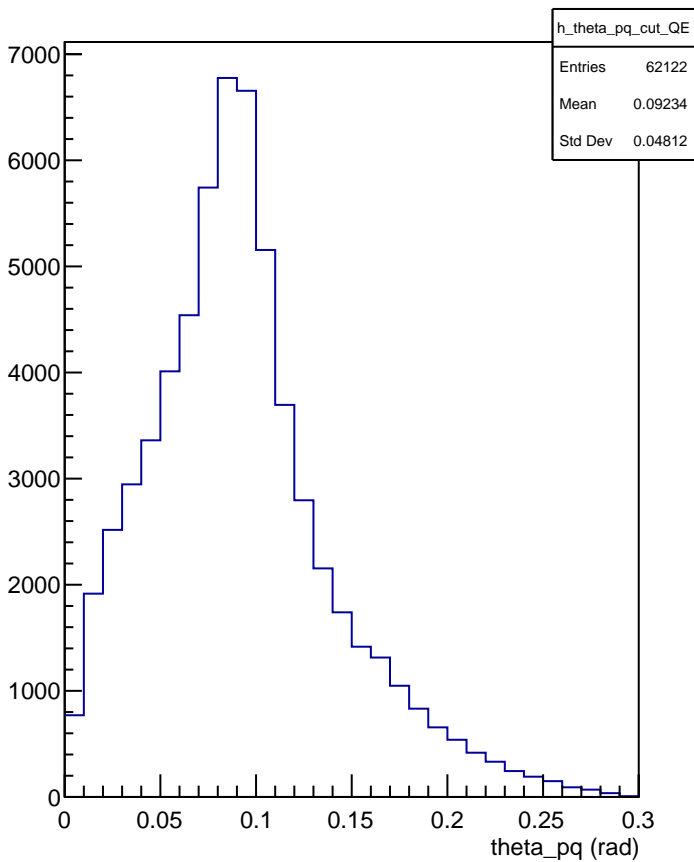
dx v realPperp dist



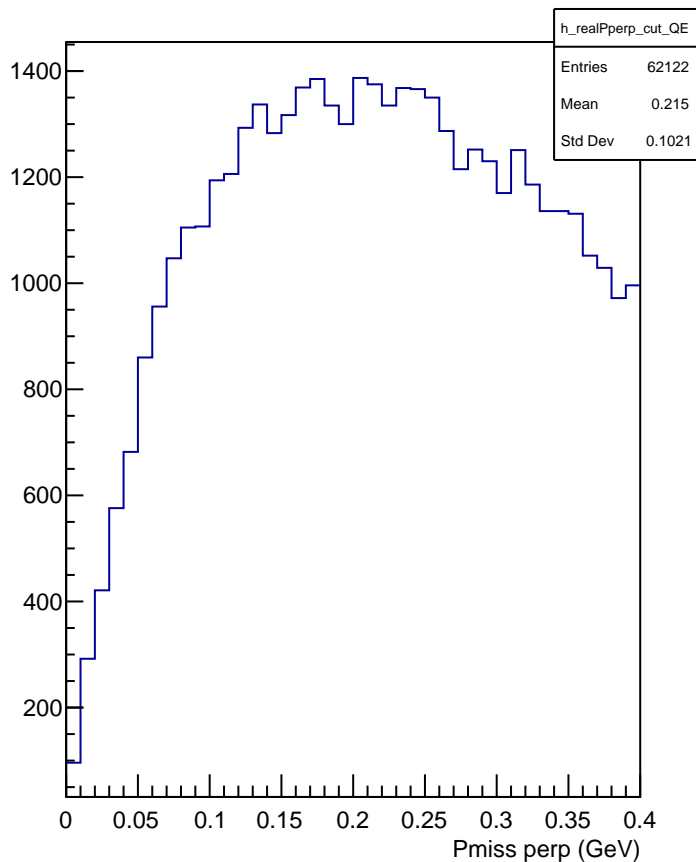
realPperp v W2 dist



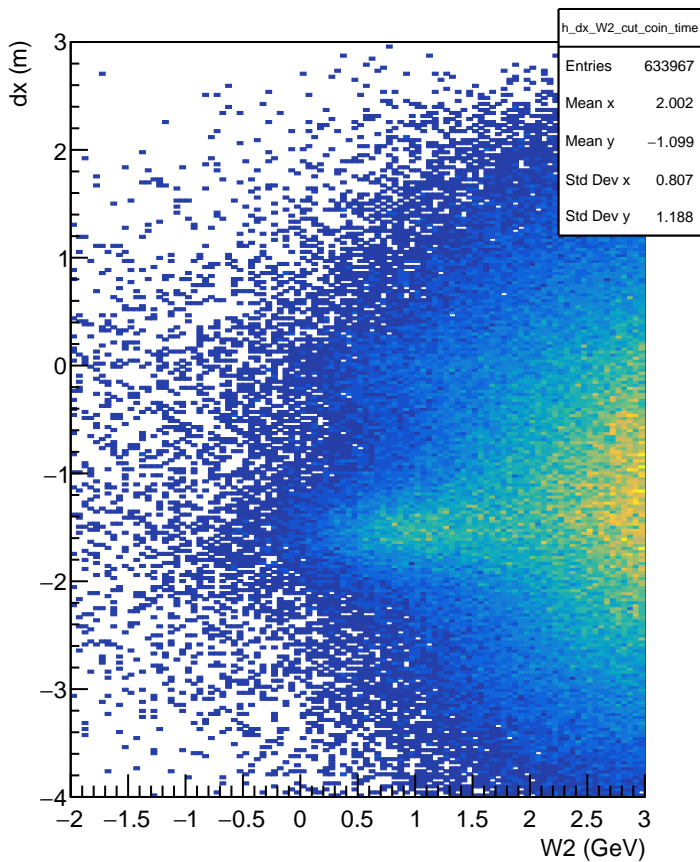
theta_pq with QE cuts



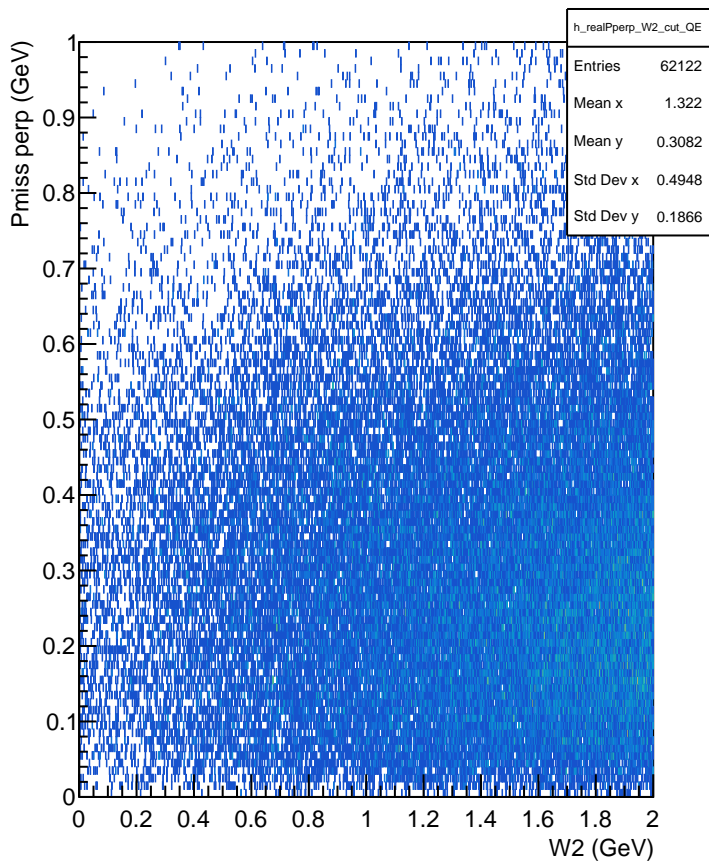
realPperp with QE cuts



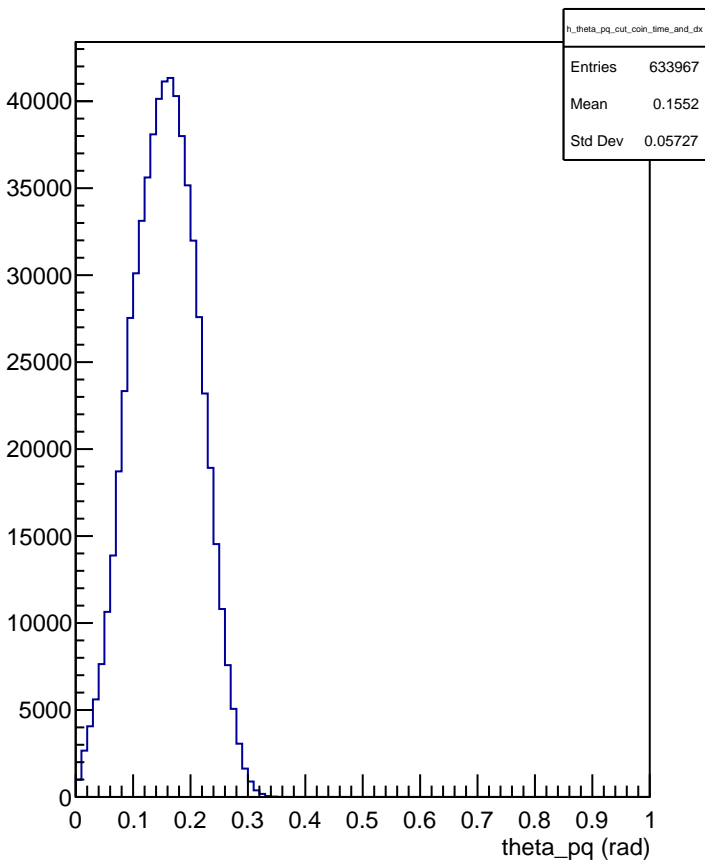
dx v W2 dist with coin time cut



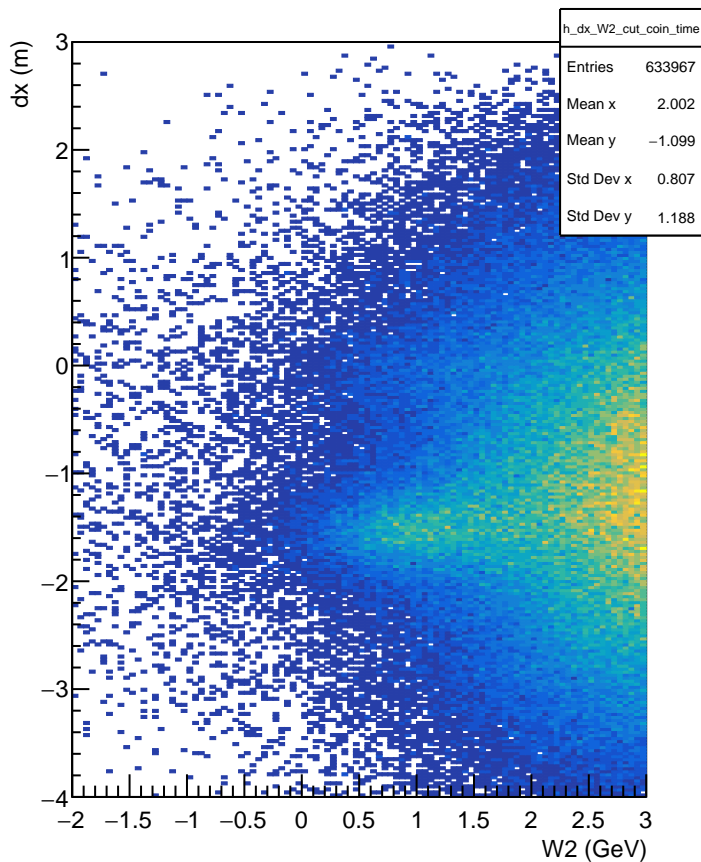
real Pperp v W2 dist with QE cuts



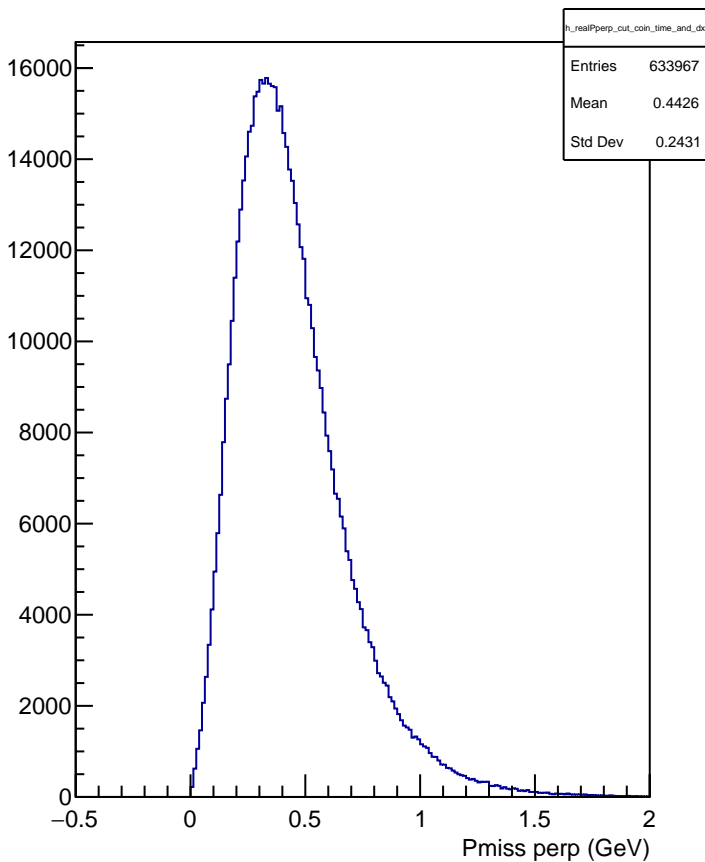
theta_pq only with coin cut



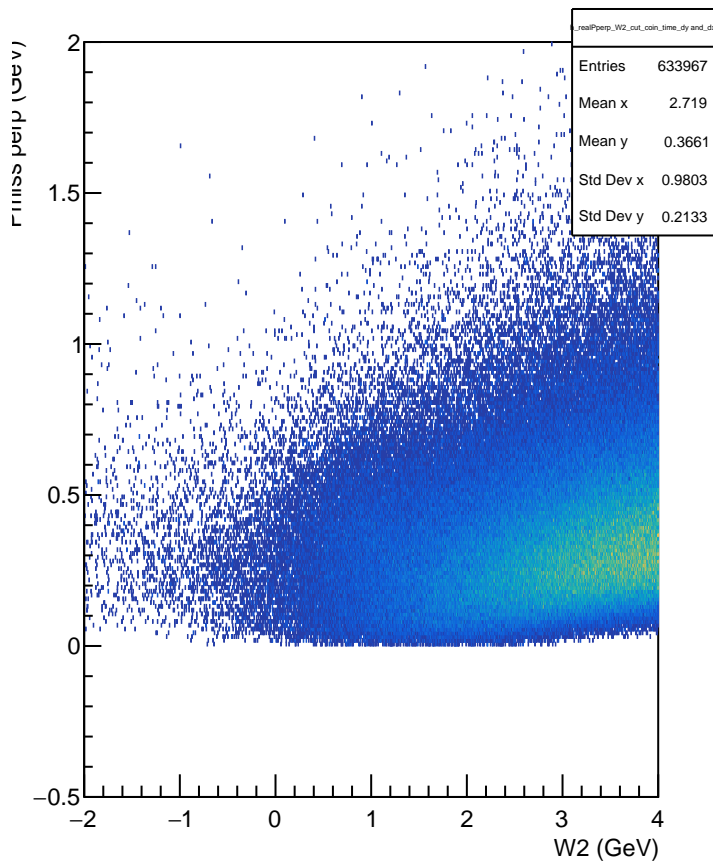
dx v W2 dist with coin time cut



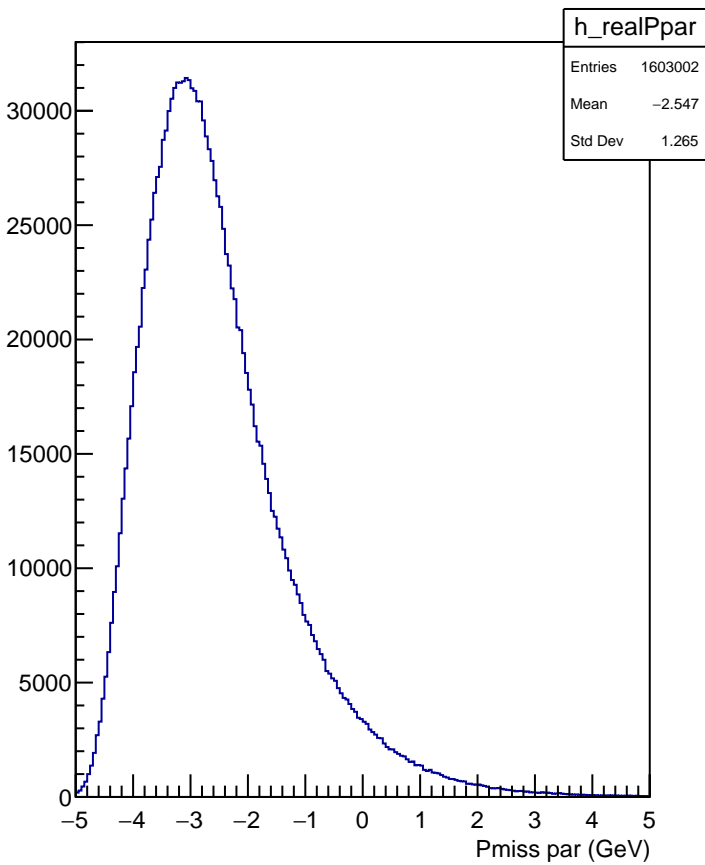
realPperp only with coin cut



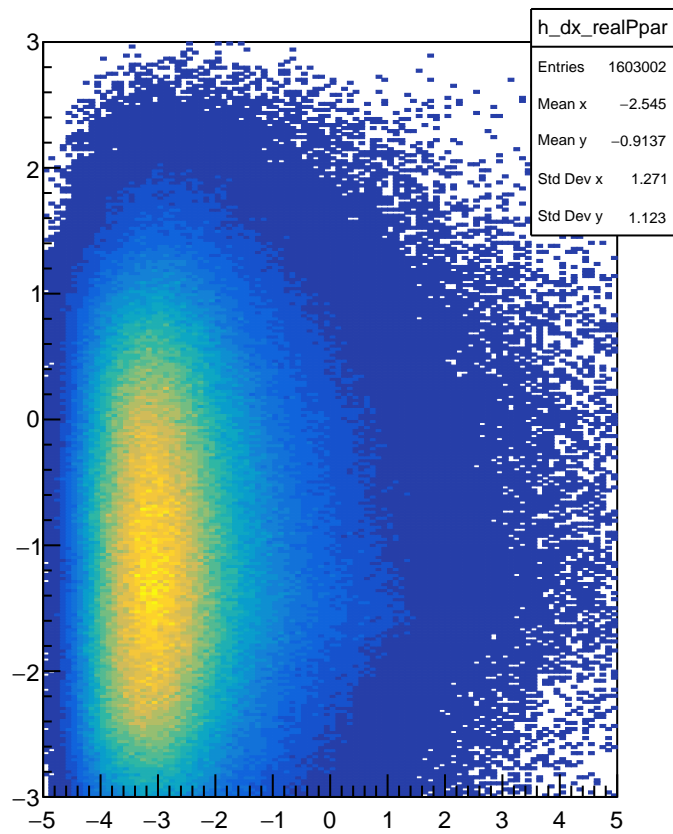
realPperp v W2 dist only with coin cut



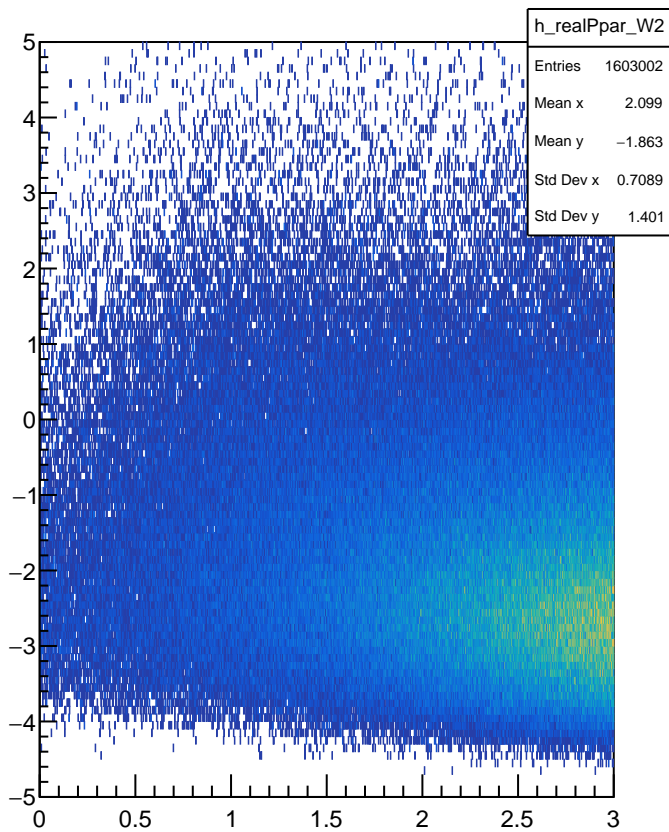
realPpar



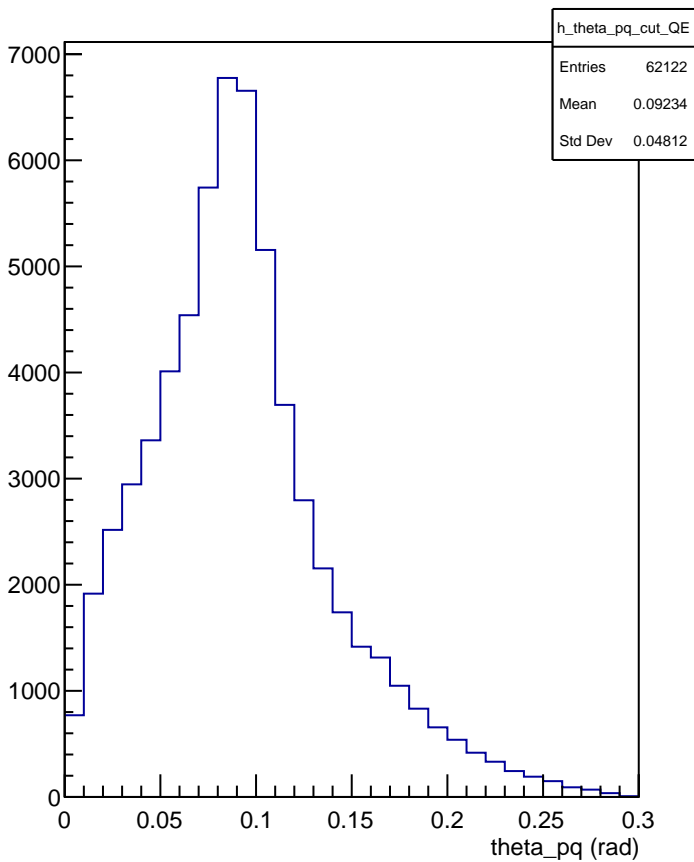
dx v realPpar dist



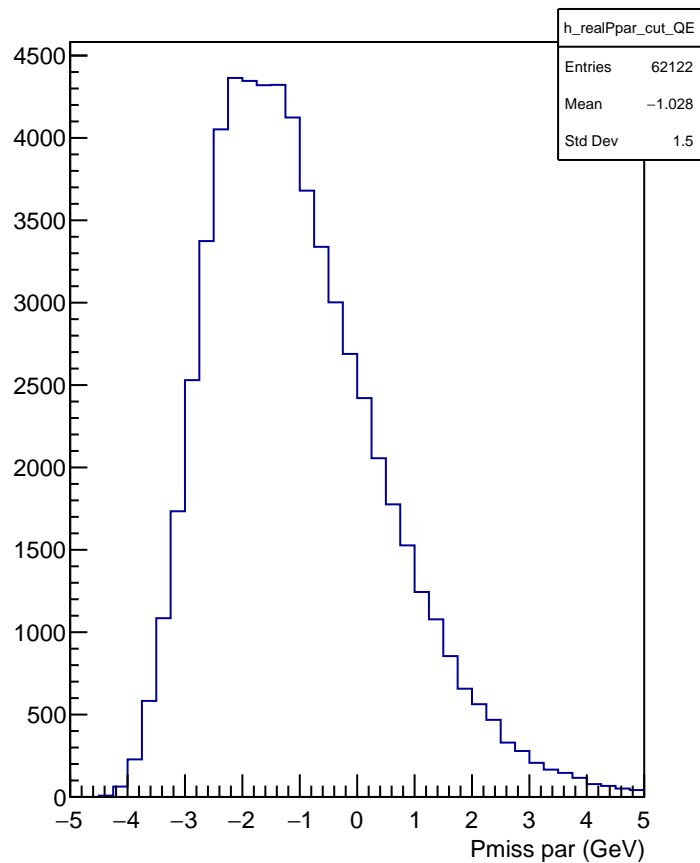
realPpar v W2 dist



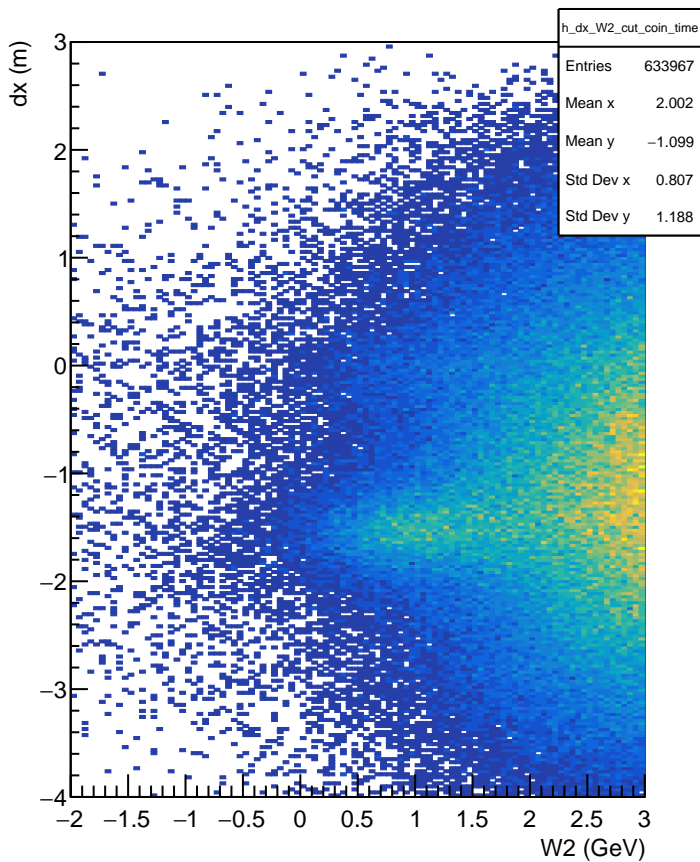
theta_pq with QE cuts



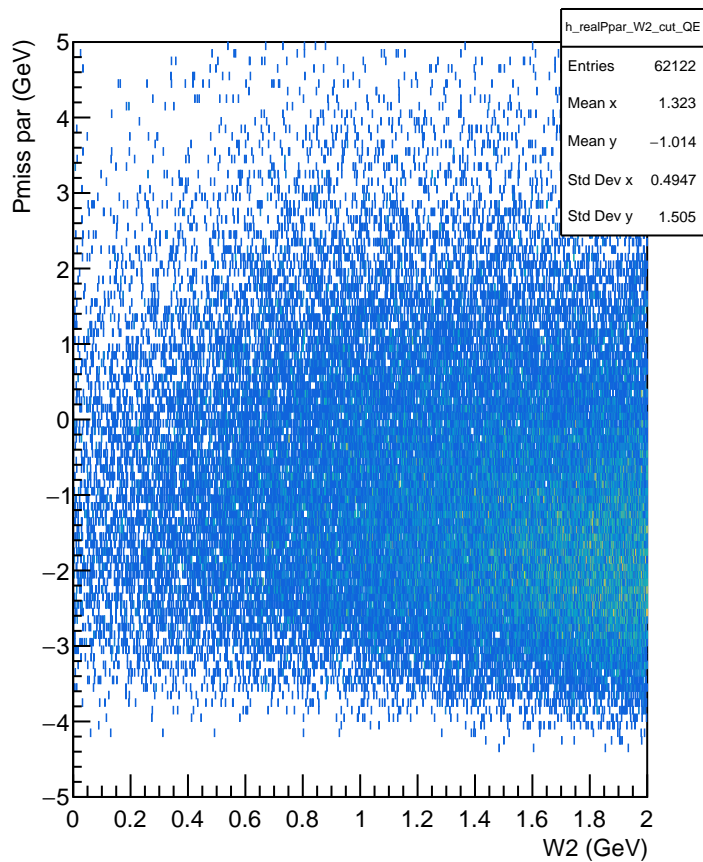
realPpar with QE cuts



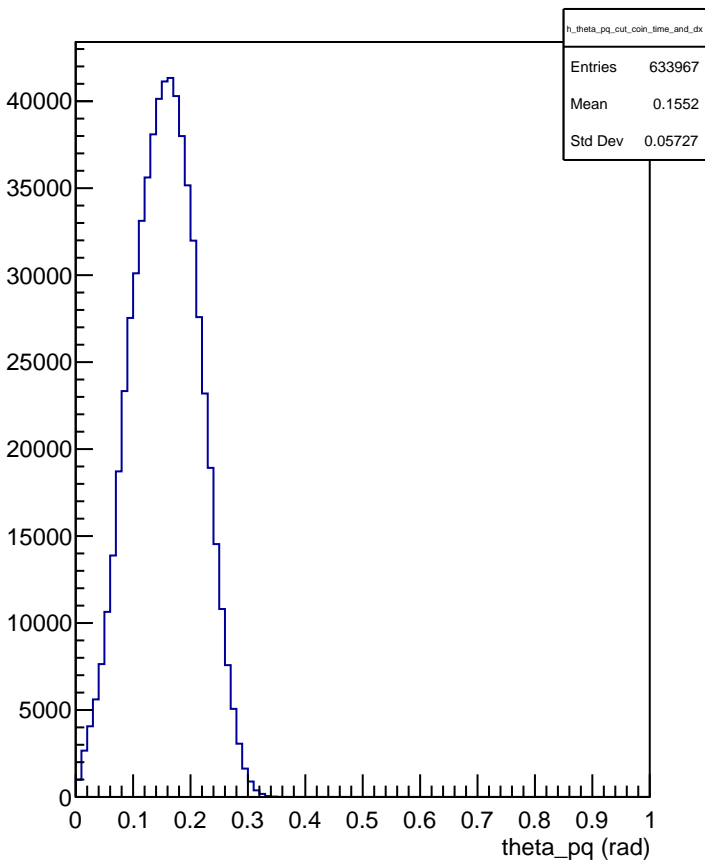
dx v W2 dist with coin time cut



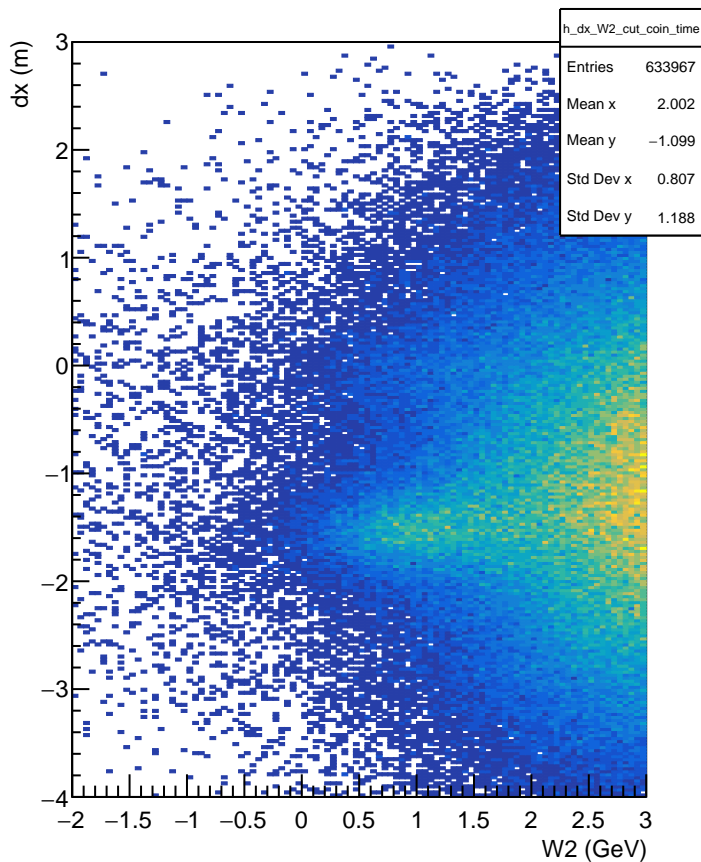
real Ppar v W2 dist with QE cuts



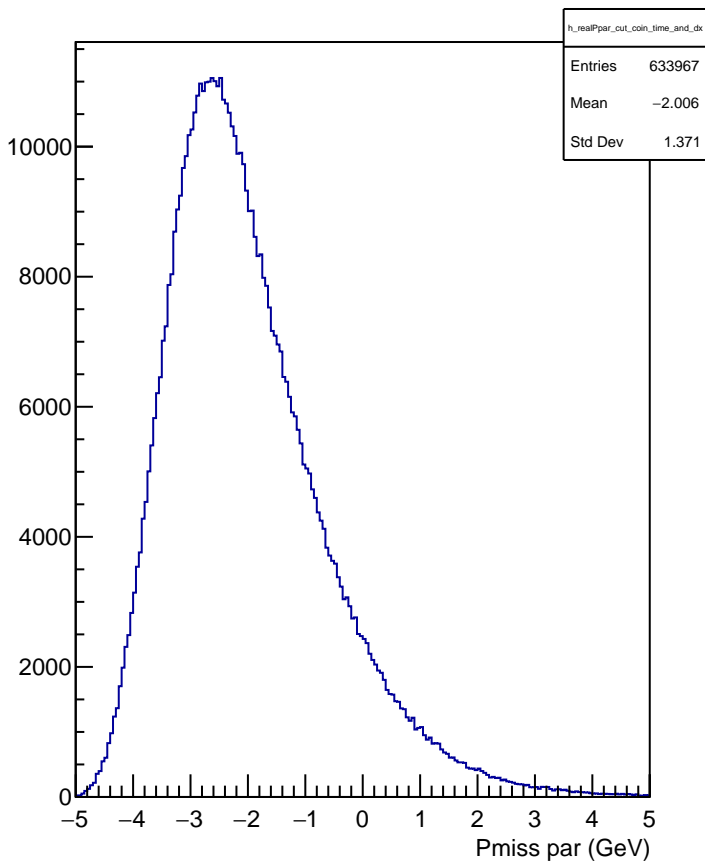
theta_pq only with coin cut



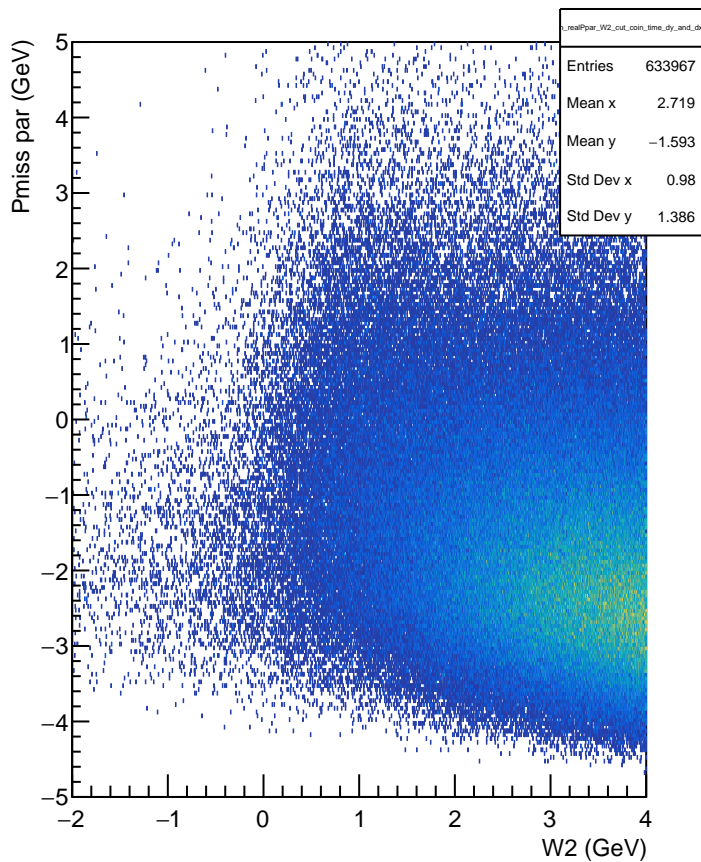
dx v W2 dist with coin time cut



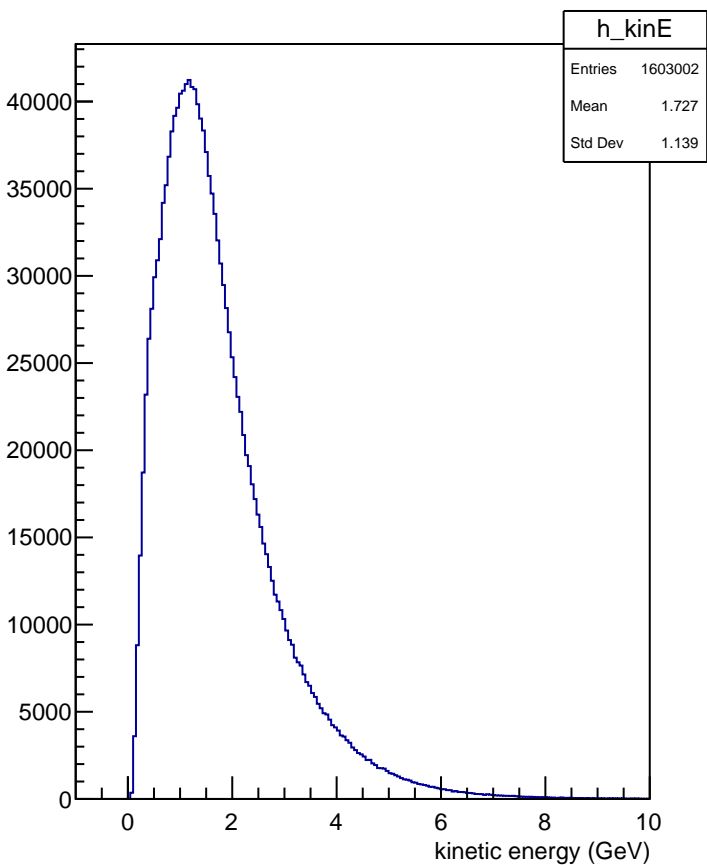
realPpar only with coin cut



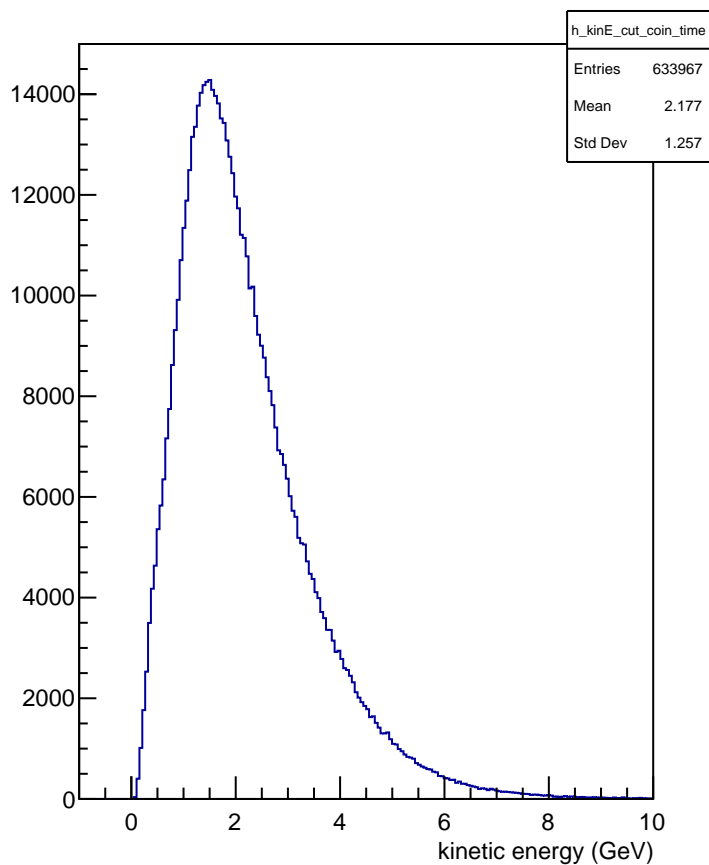
realPpar v W2 dist only with coin cut



kinetic energy



kinetic energy with cointime cut



kinetic energy with QE cuts

