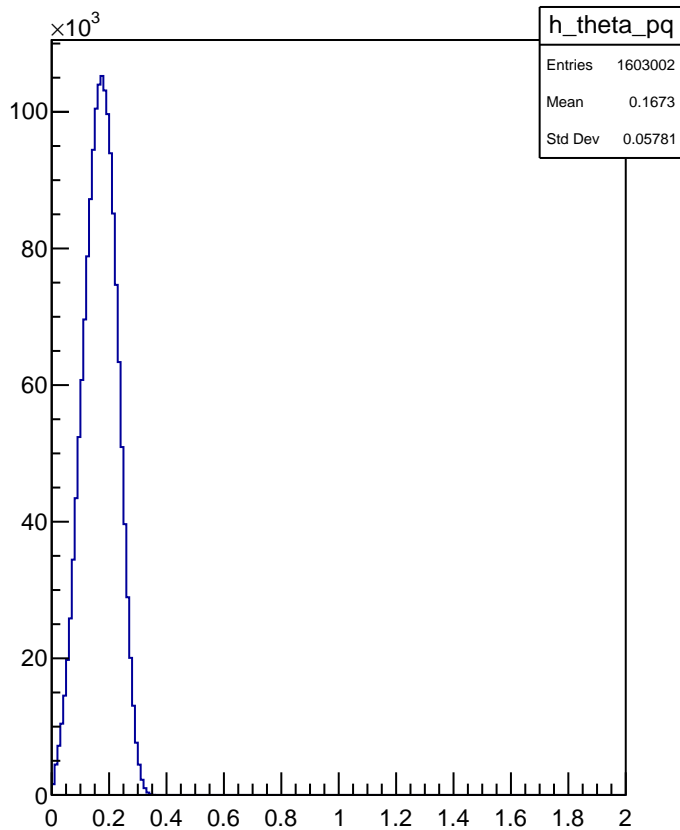
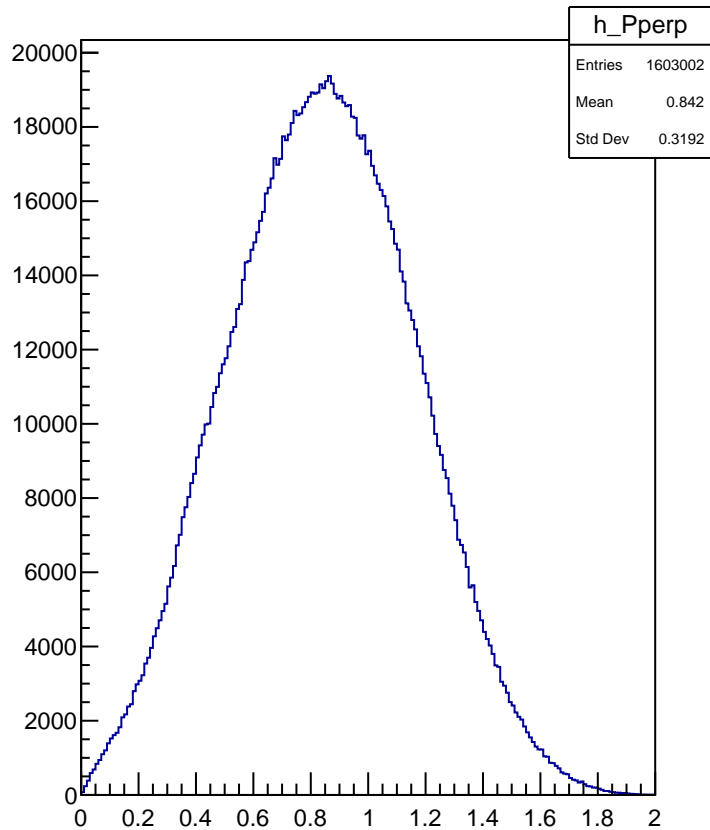


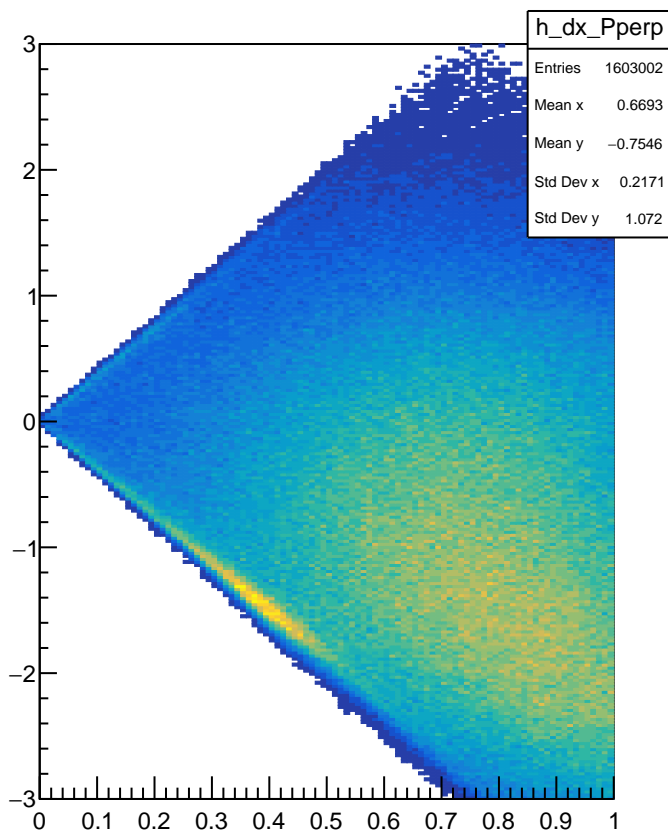
theta\_pq



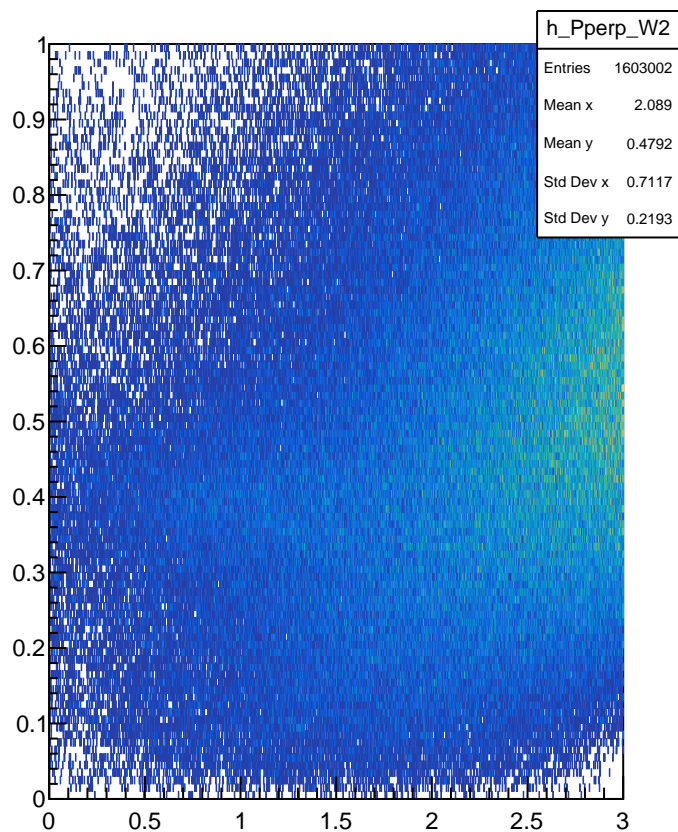
Pperp



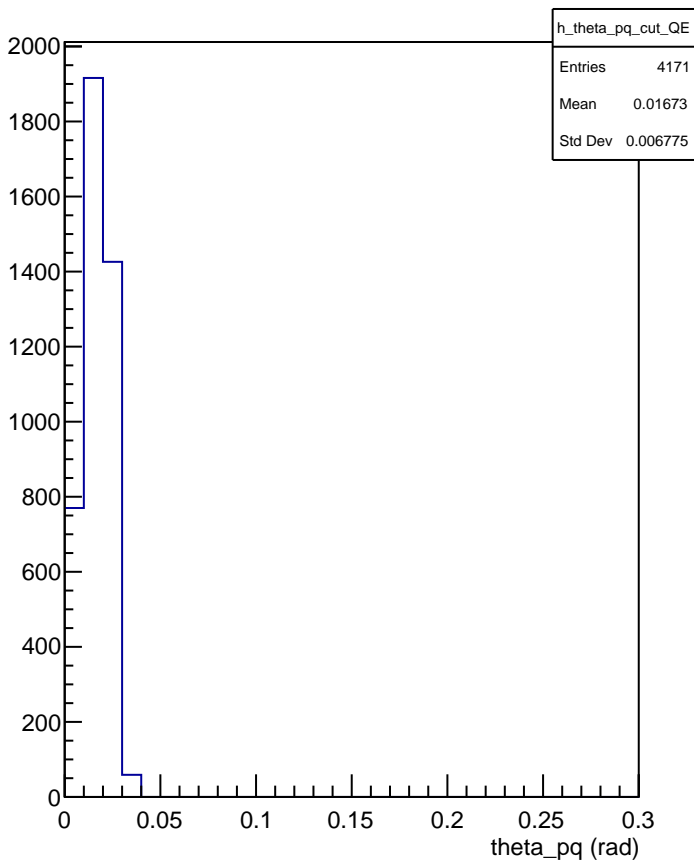
dx v Pperp dist



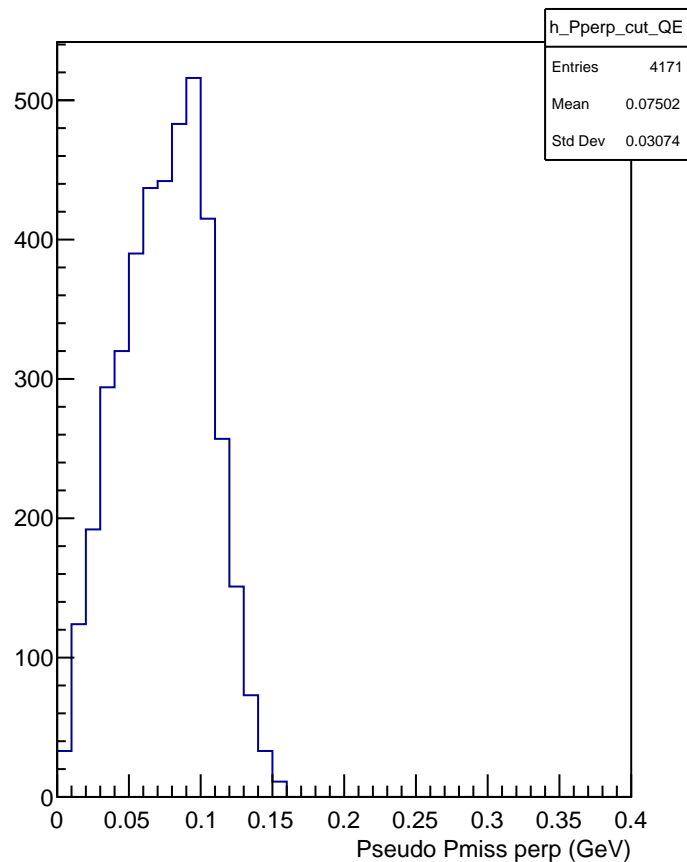
Pperp v W2 dist



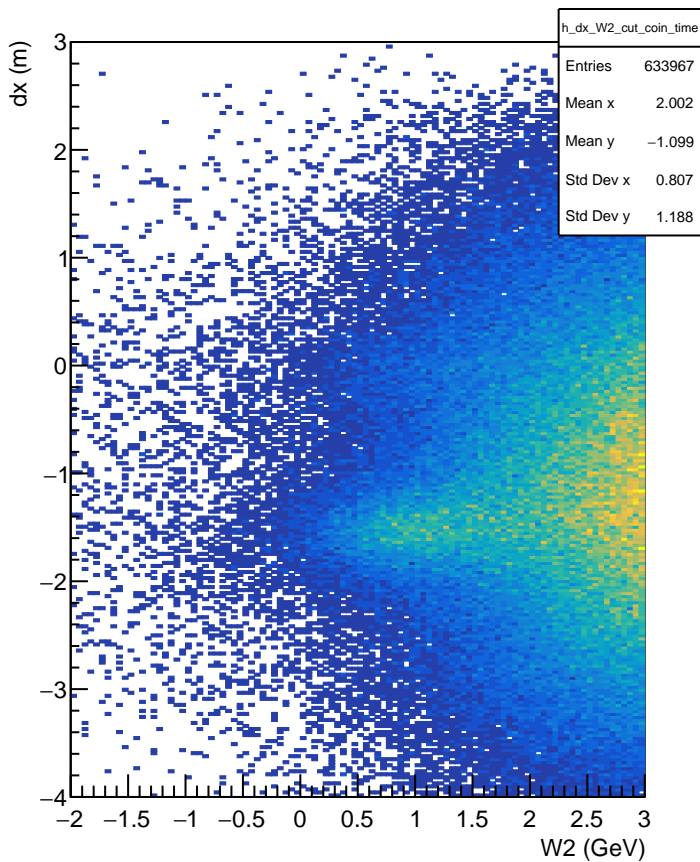
theta\_pq with QE cuts



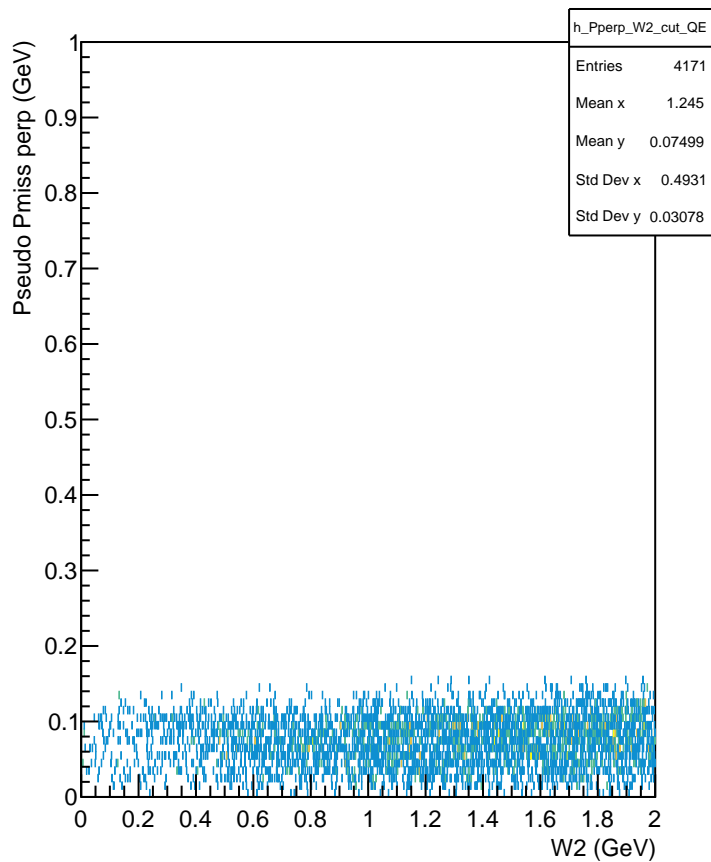
Pperp with QE cuts



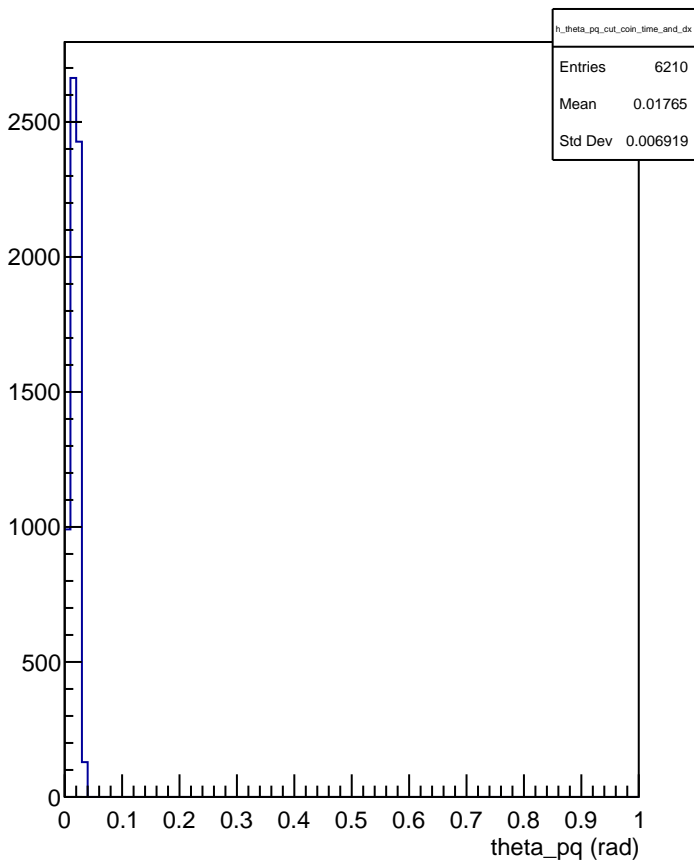
dx v W2 dist with coin time cut



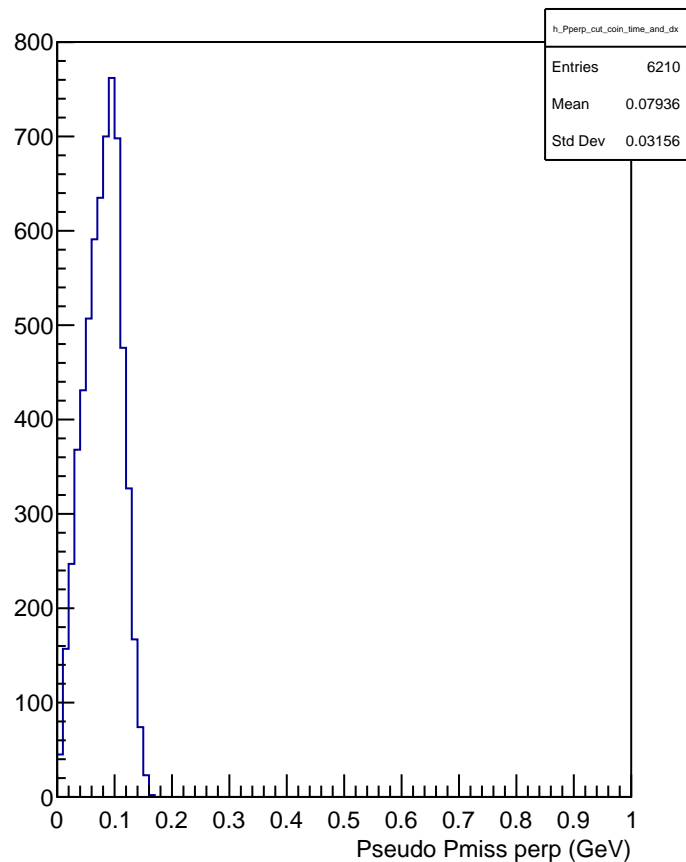
Pperp v W2 dist with QE cuts



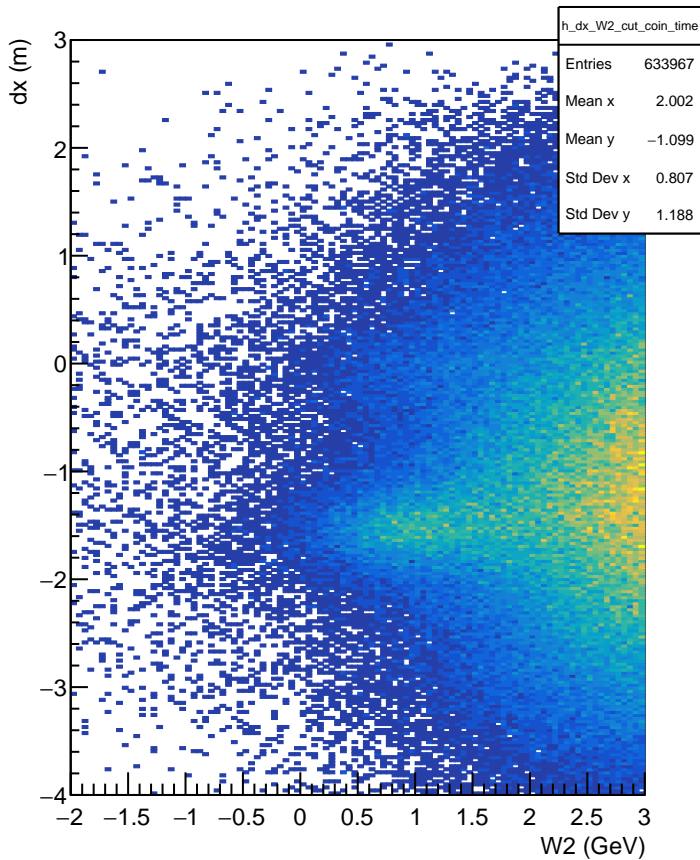
theta\_pq with coin, dy and dx cuts



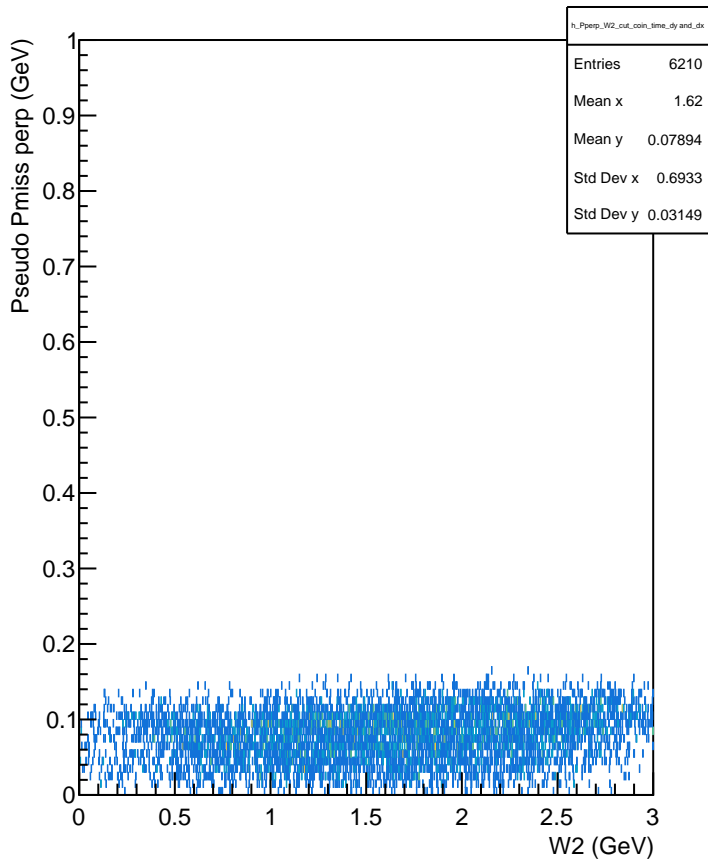
Pperp with coin, dy and dx cuts



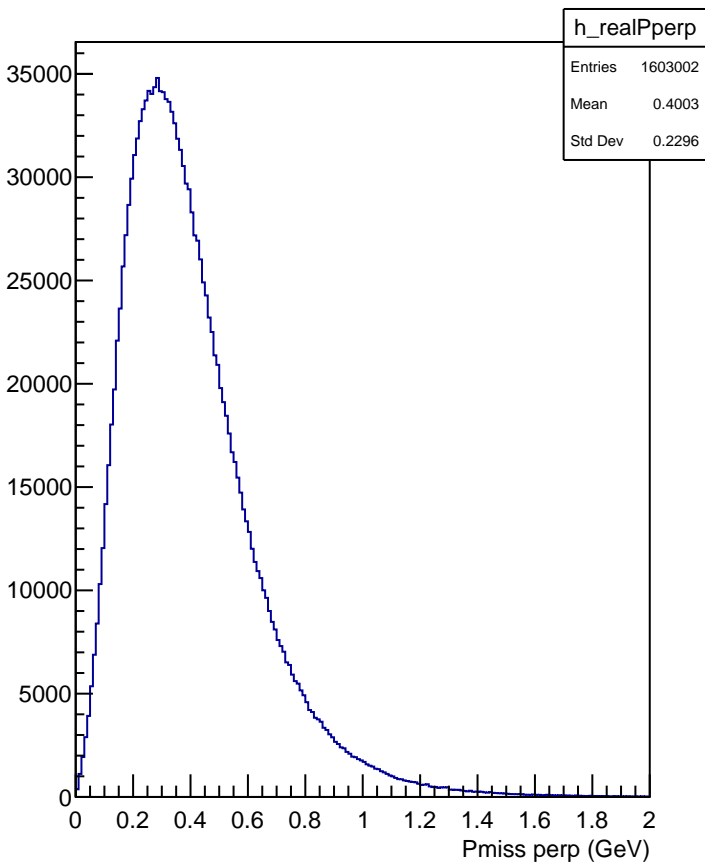
dx v W2 dist with coin time cut



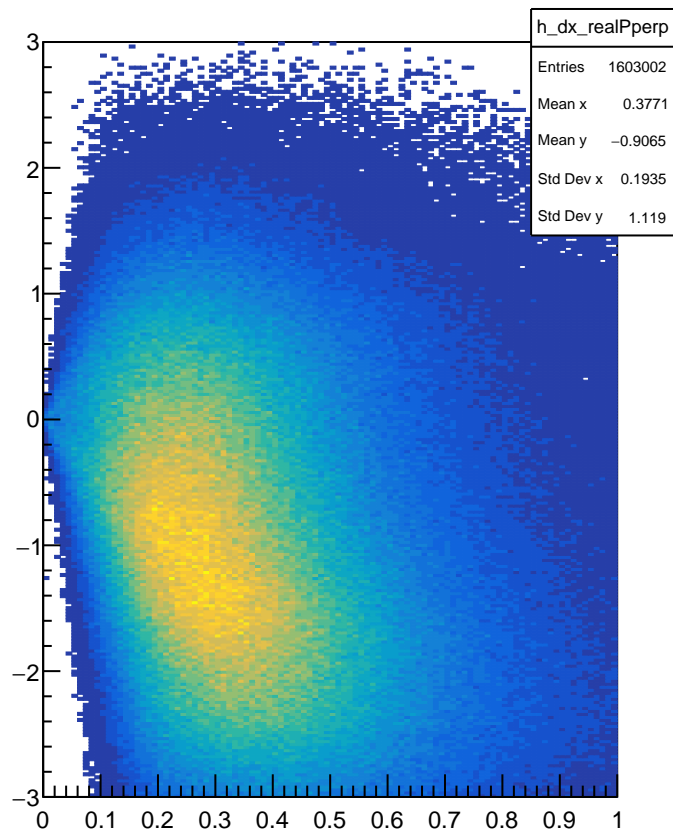
Pperp v W2 dist with coin, dy and dx cuts



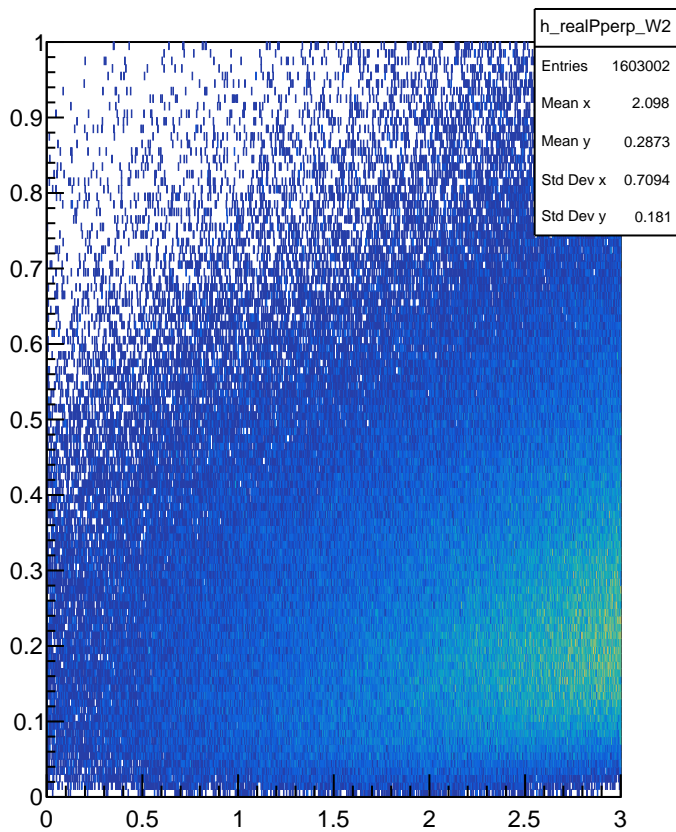
realPperp



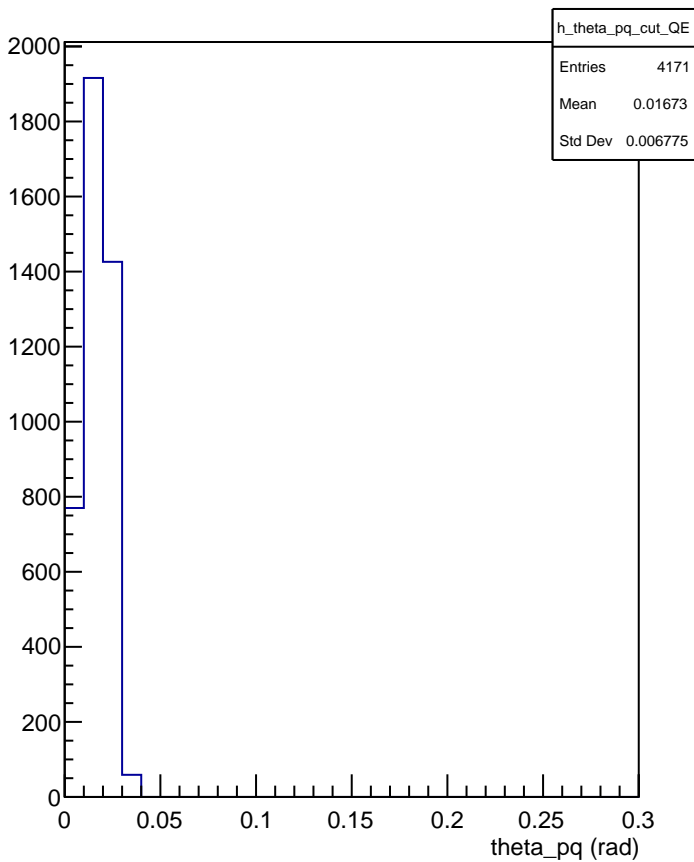
dx v realPperp dist



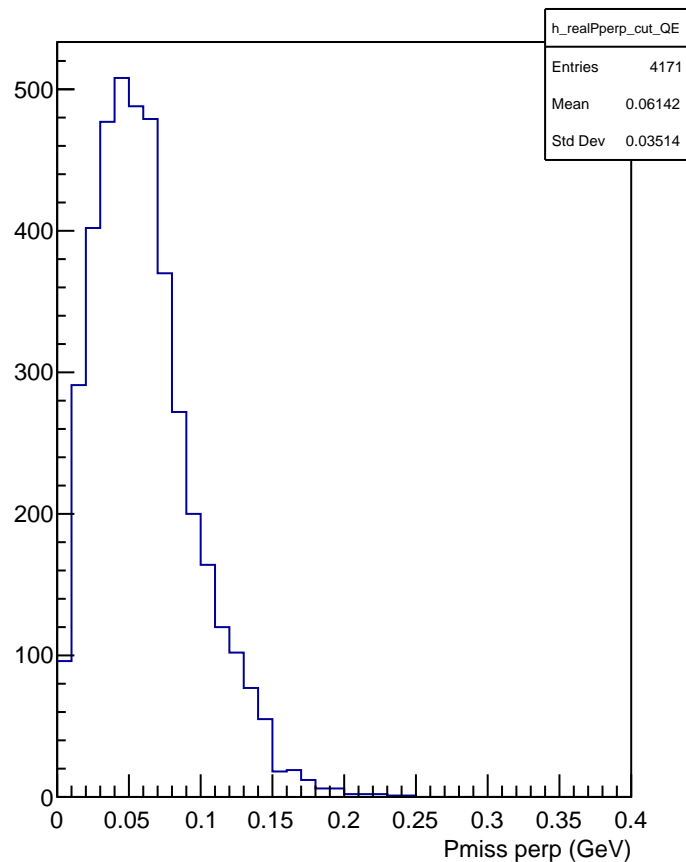
realPperp v W2 dist



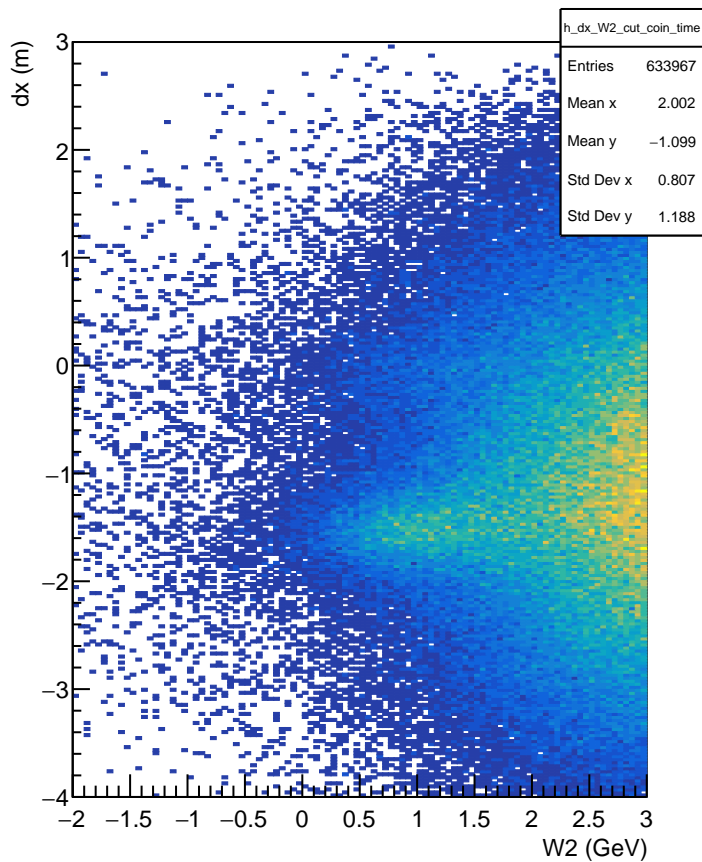
theta\_pq with QE cuts



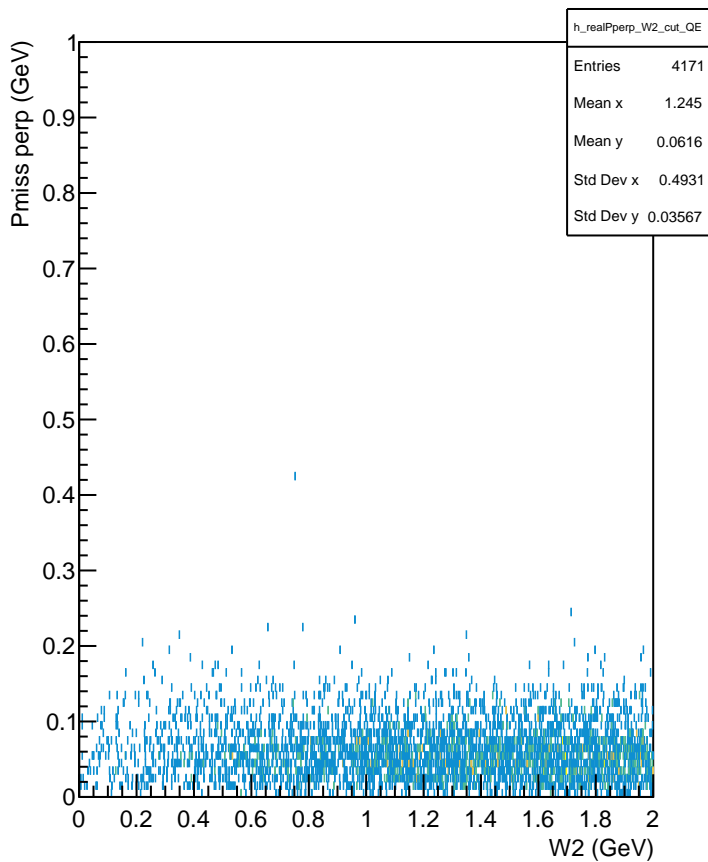
realPperp with QE cuts



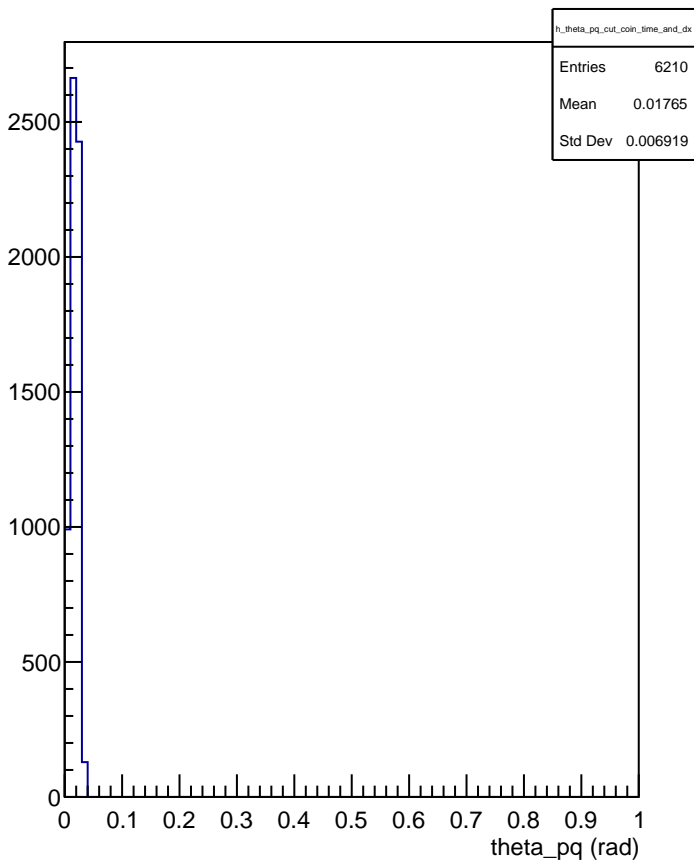
dx v W2 dist with coin time cut



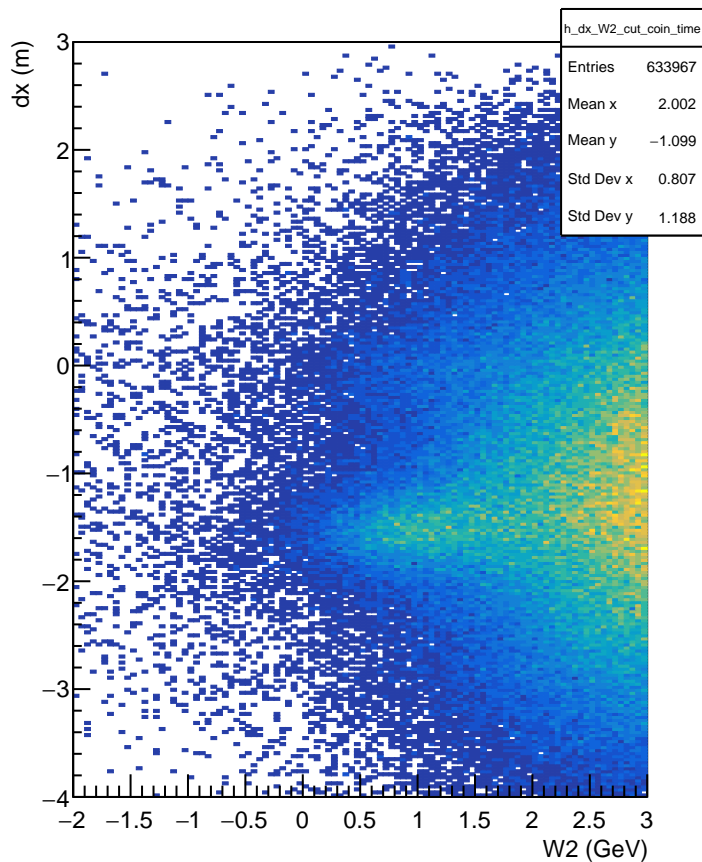
real Pperp v W2 dist with QE cuts



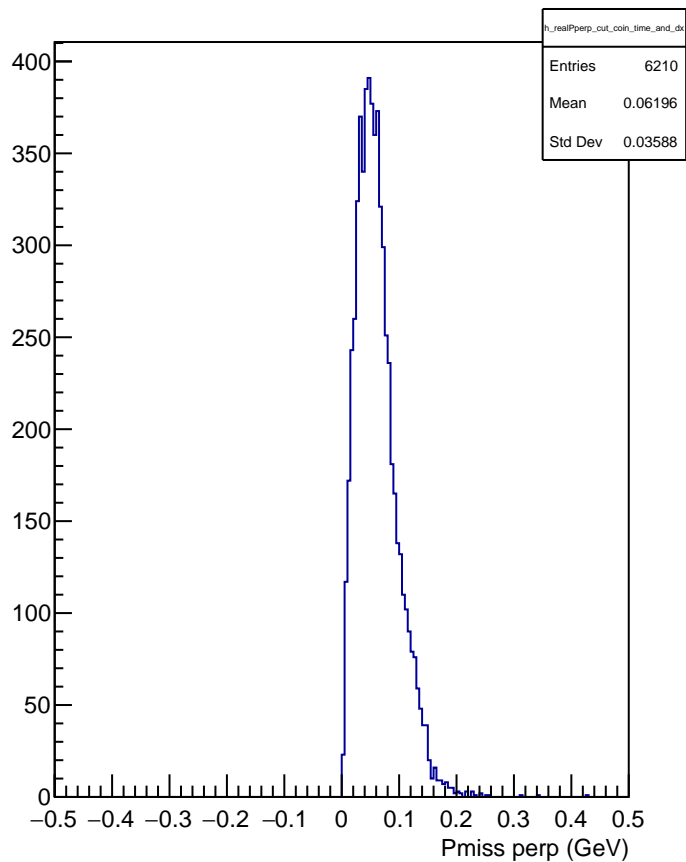
theta\_pq with coin, dy and dx cuts



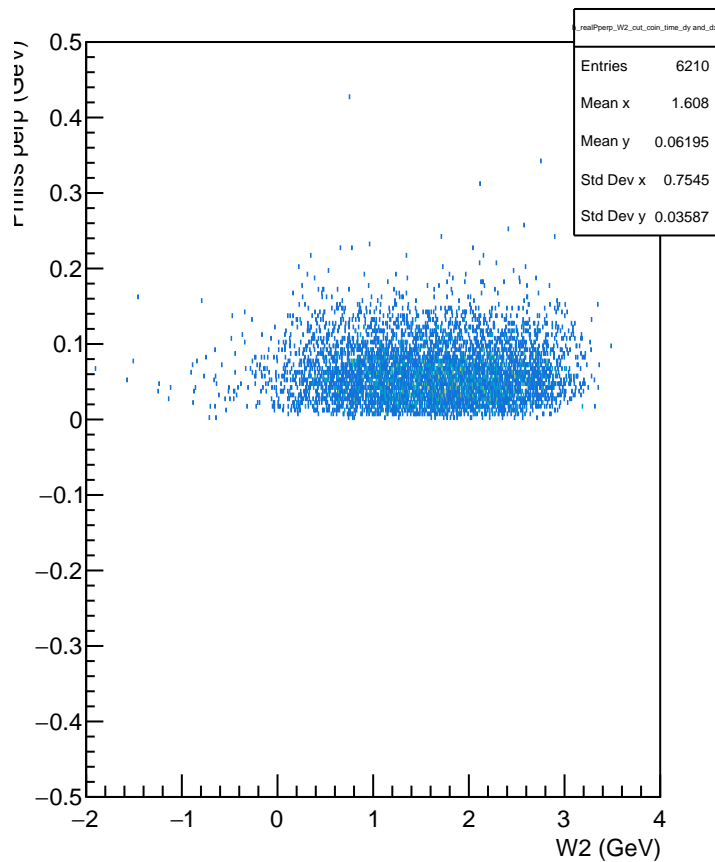
dx v W2 dist with coin time cut



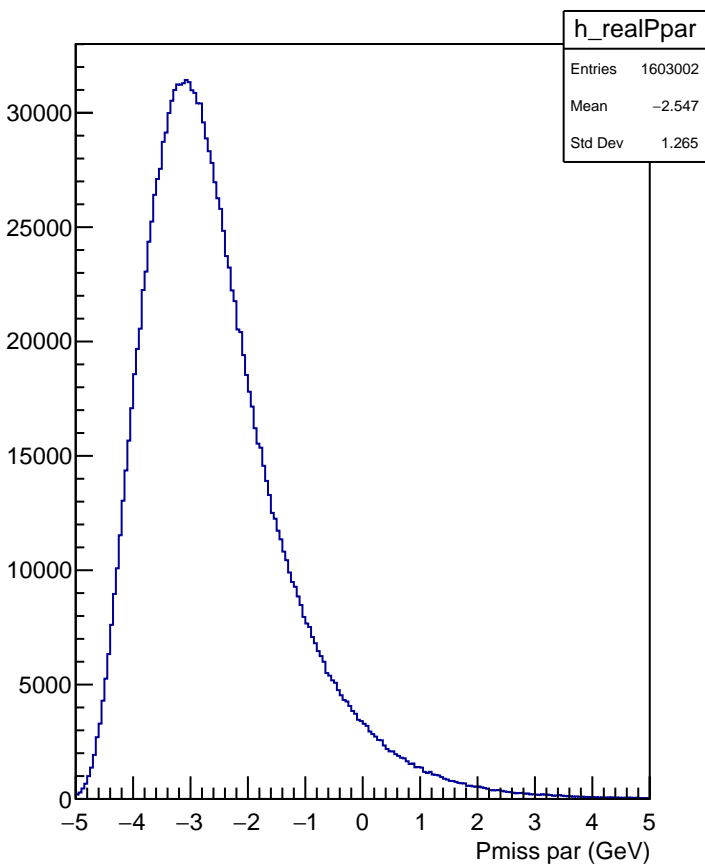
realPperp with coin, dy and dx cuts



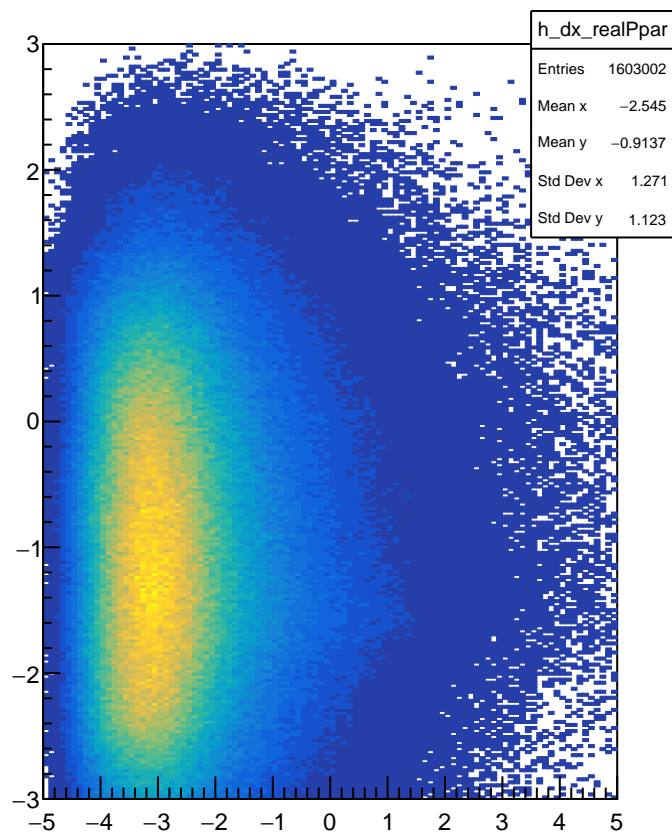
realPperp v W2 dist with coin, dy and dx cuts



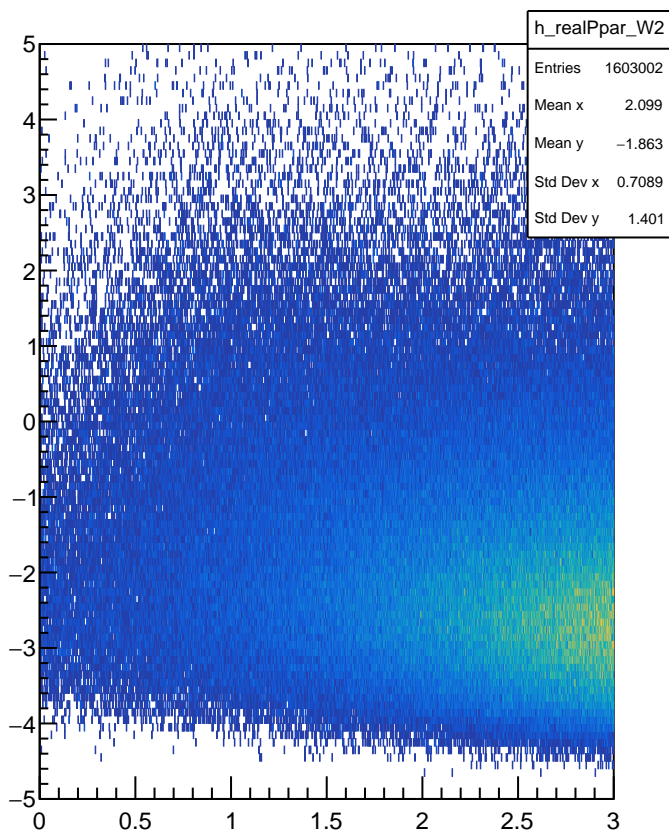
realPpar



dx v realPpar dist

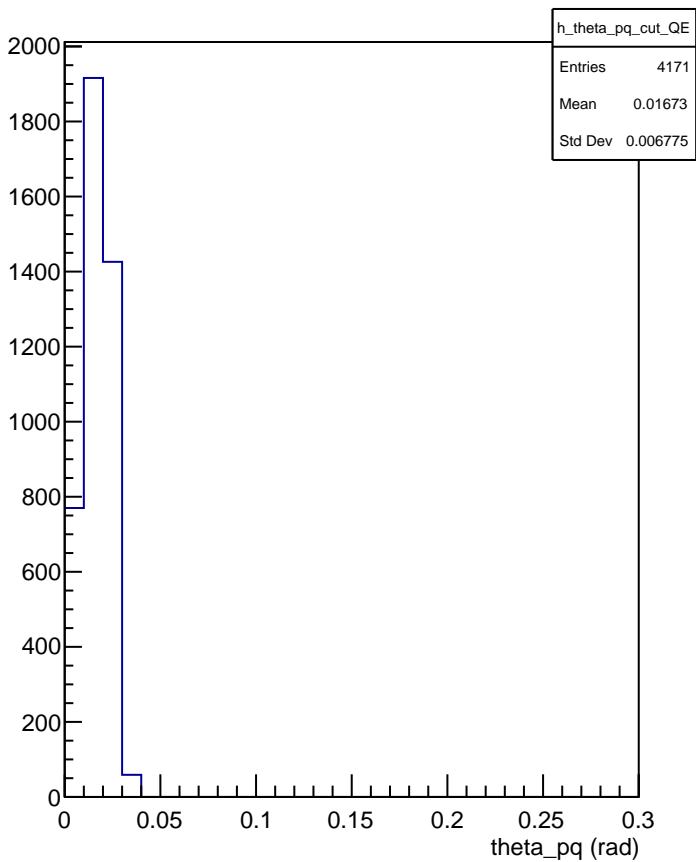


realPpar v W2 dist

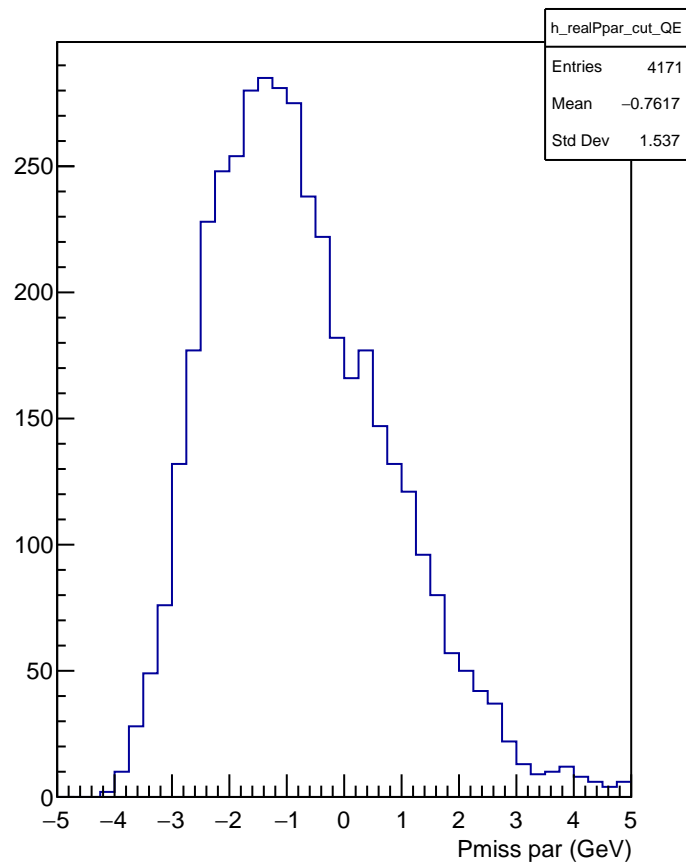




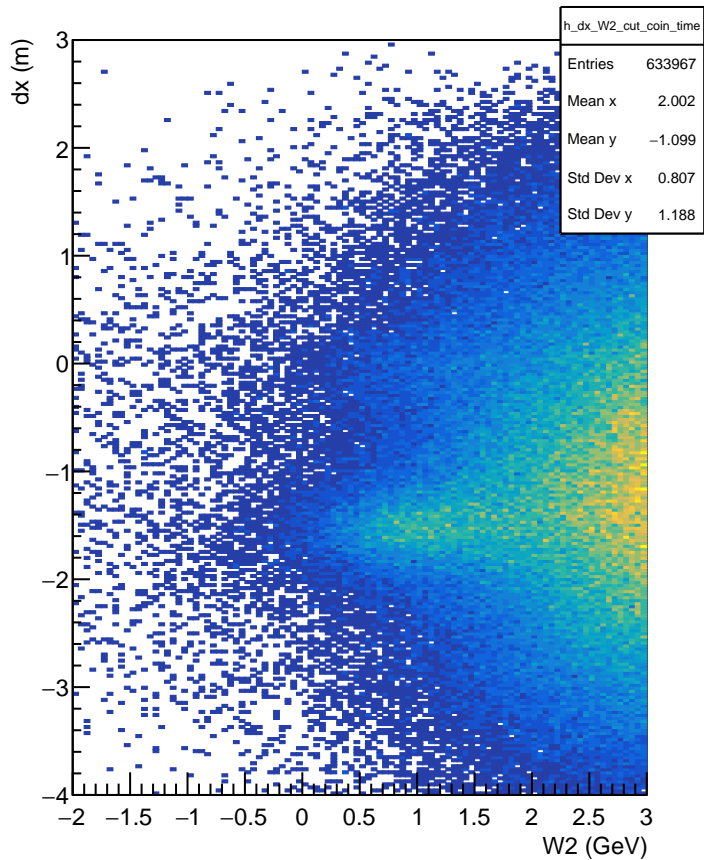
theta\_pq with QE cuts



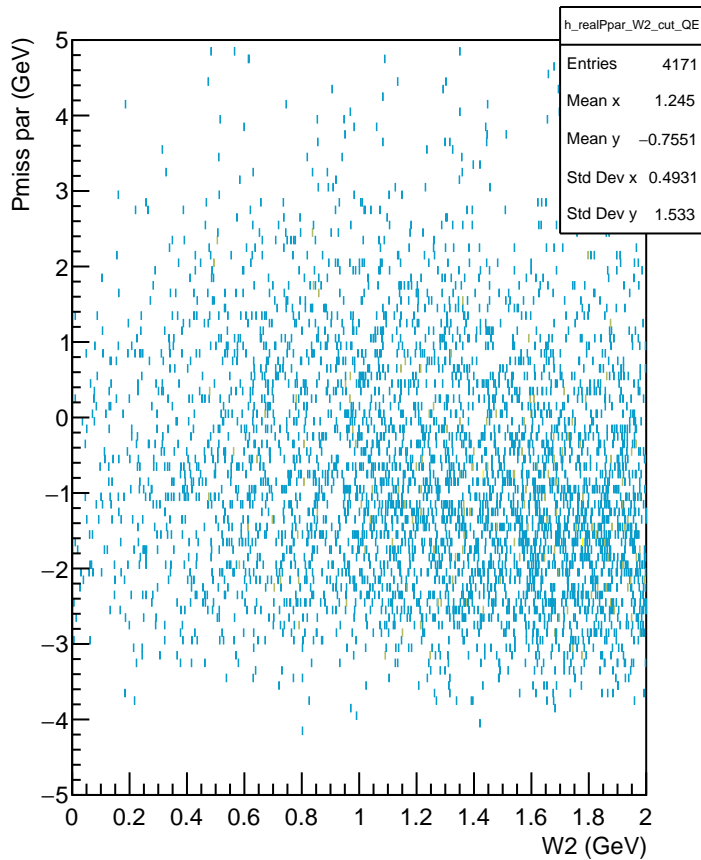
realPpar with QE cuts



dx v W2 dist with coin time cut

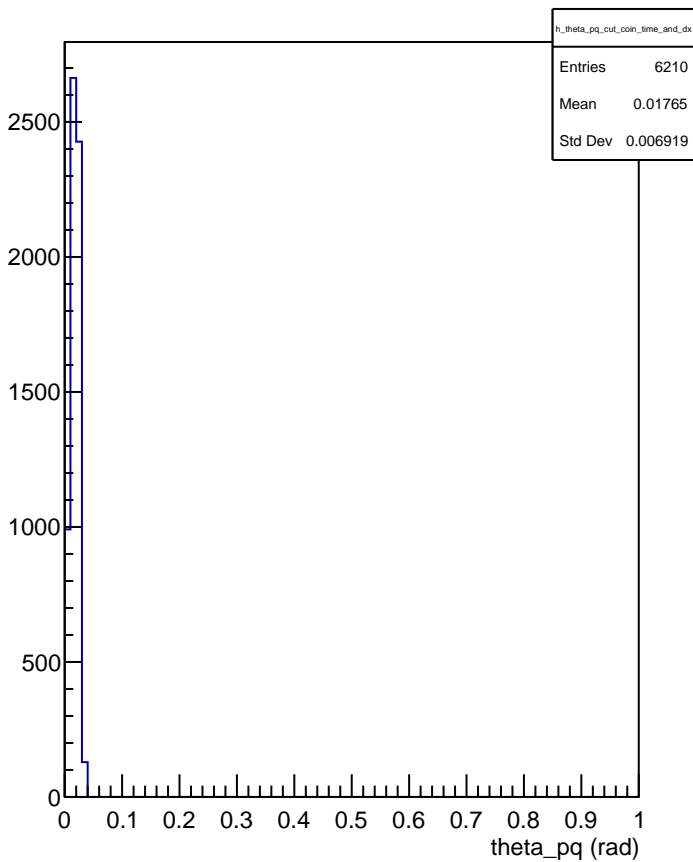


real Ppar v W2 dist with QE cuts

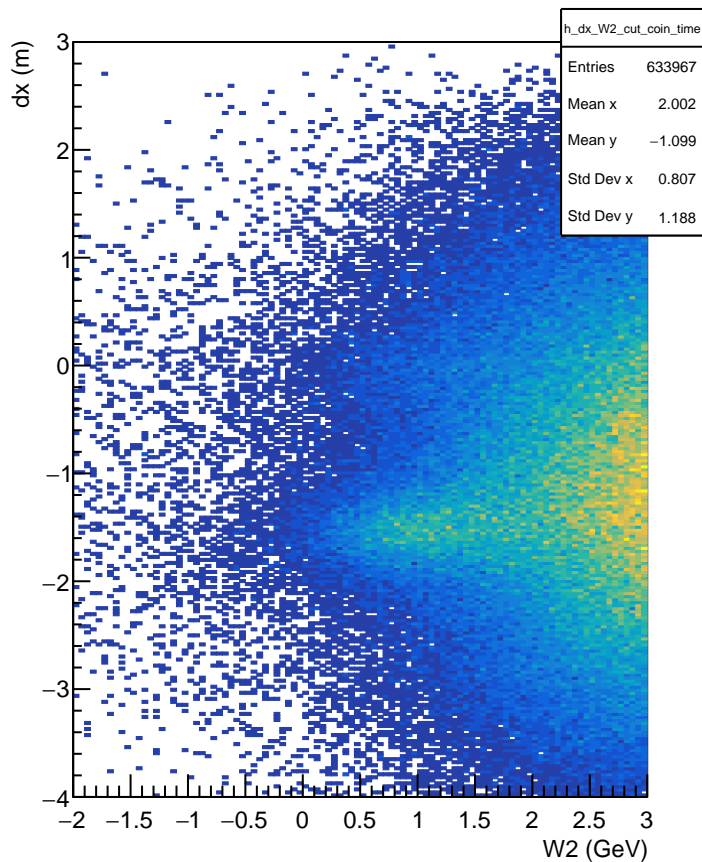




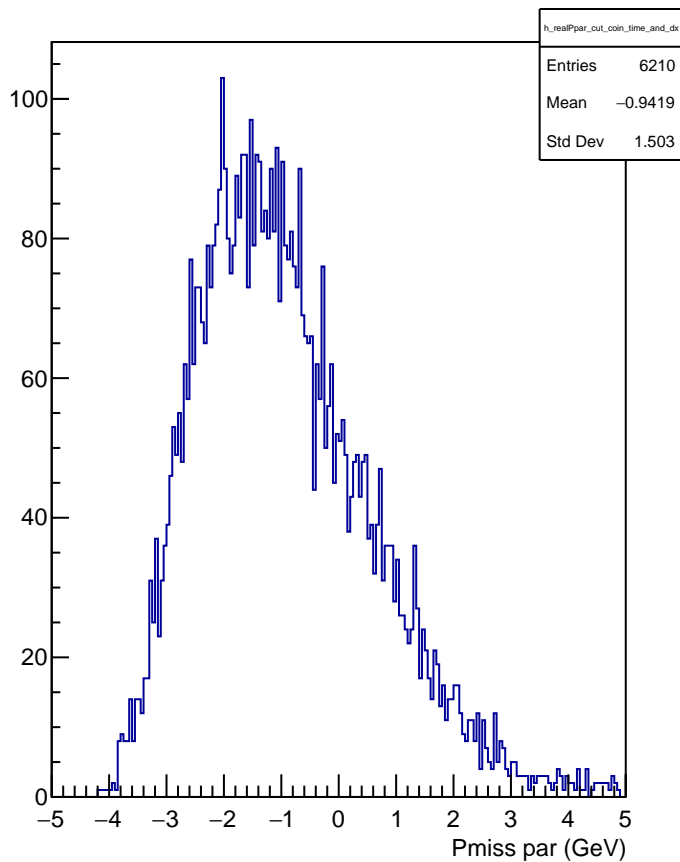
theta\_pq with coin, dy and dx cuts



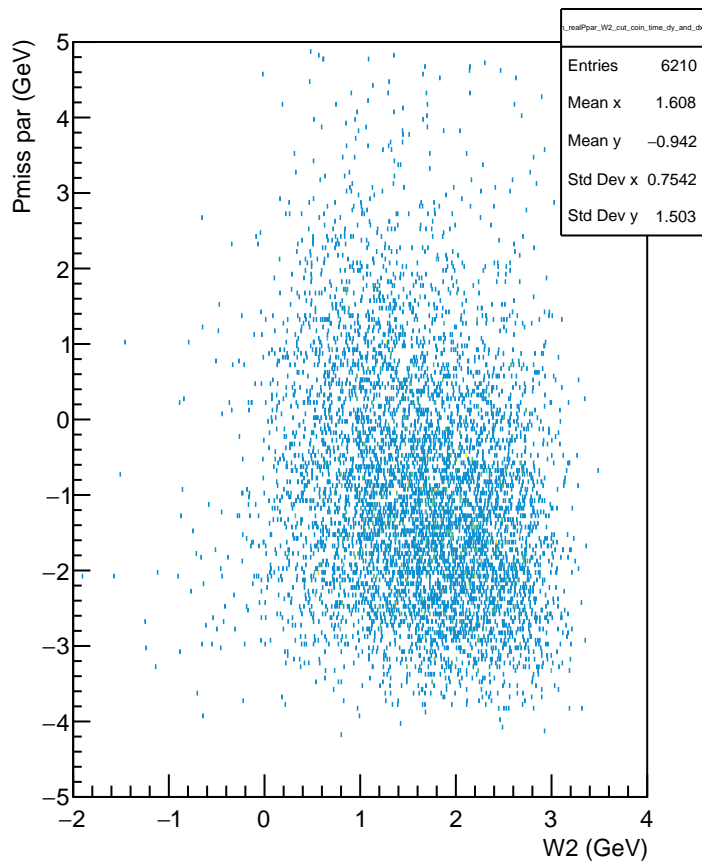
dx v W2 dist with coin time cut



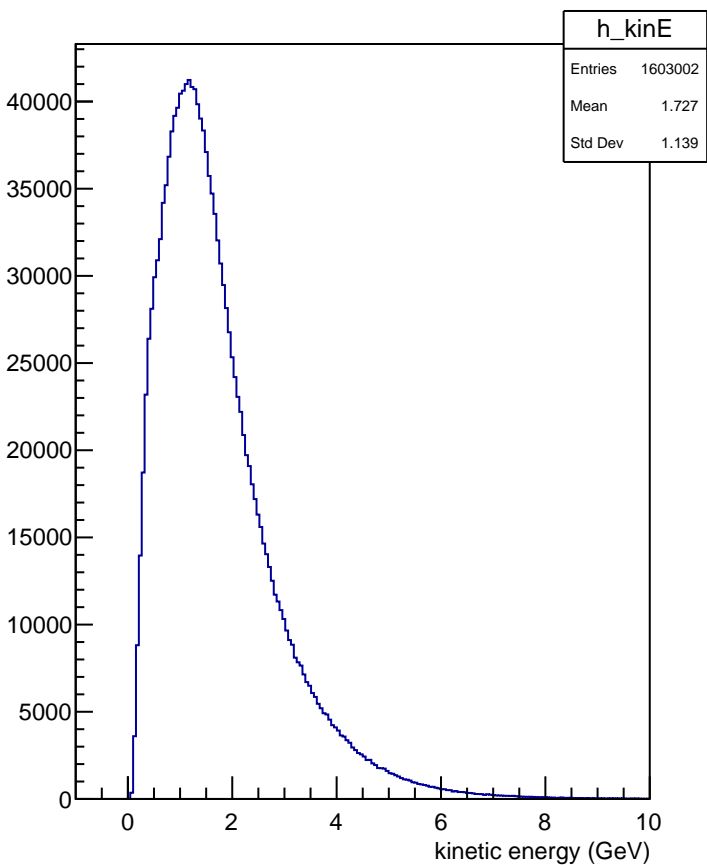
realPpar with coin, dy and dx cuts



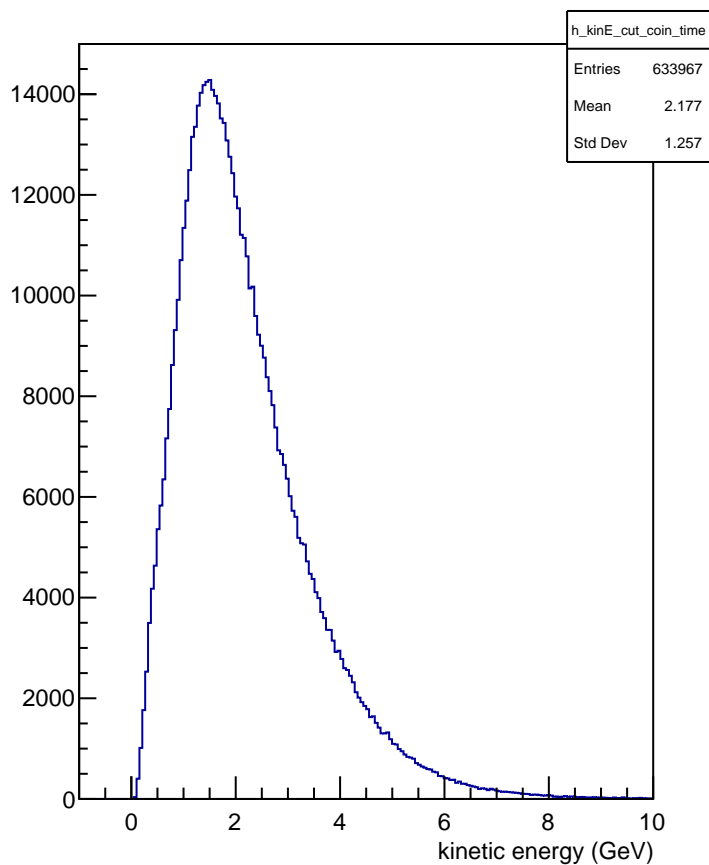
realPpar v W2 dist with coin, dy and dx cuts



kinetic energy



kinetic energy with cointime cut



kinetic energy with QE cuts

