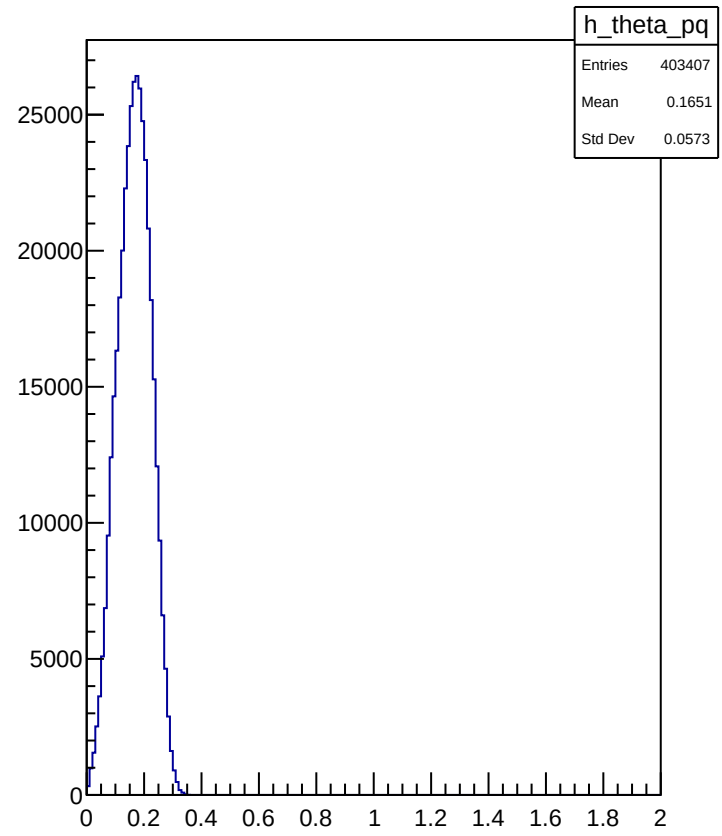
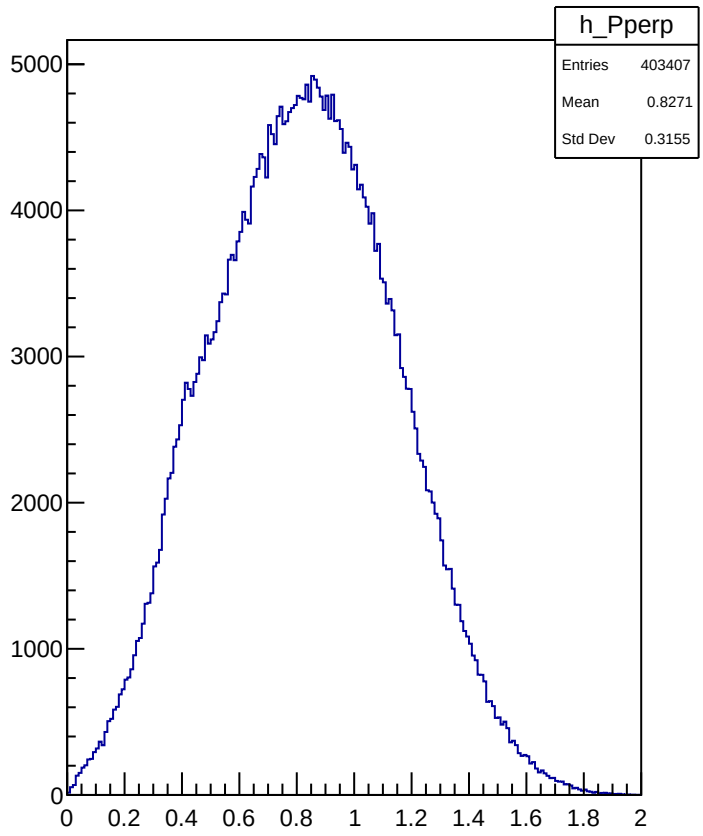
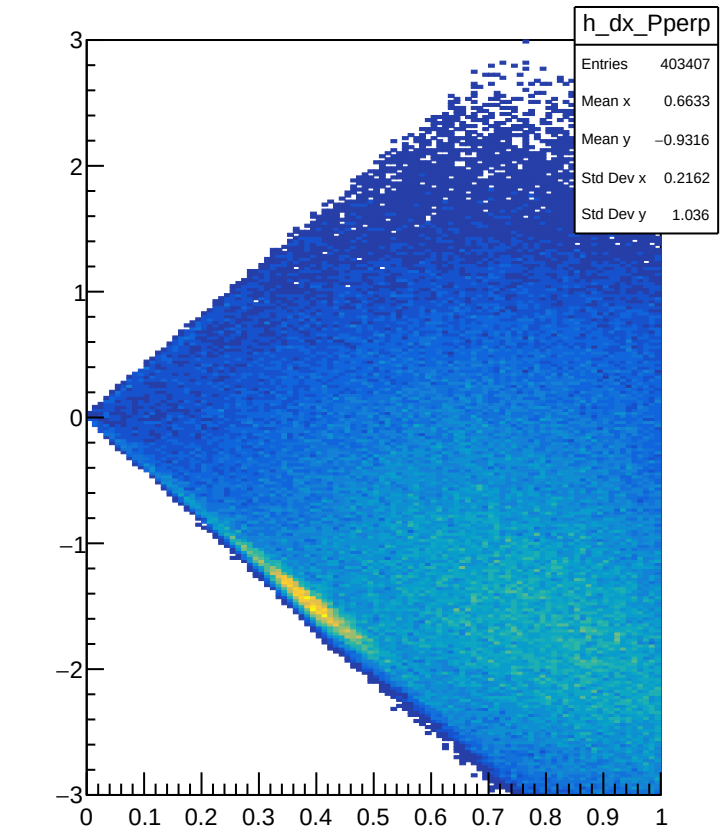
theta_pq



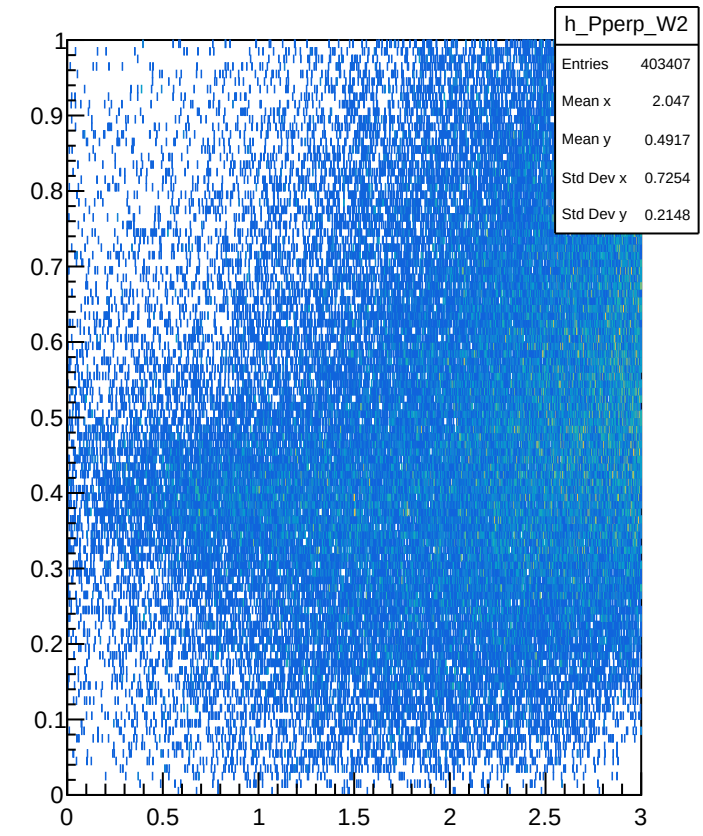
Pperp

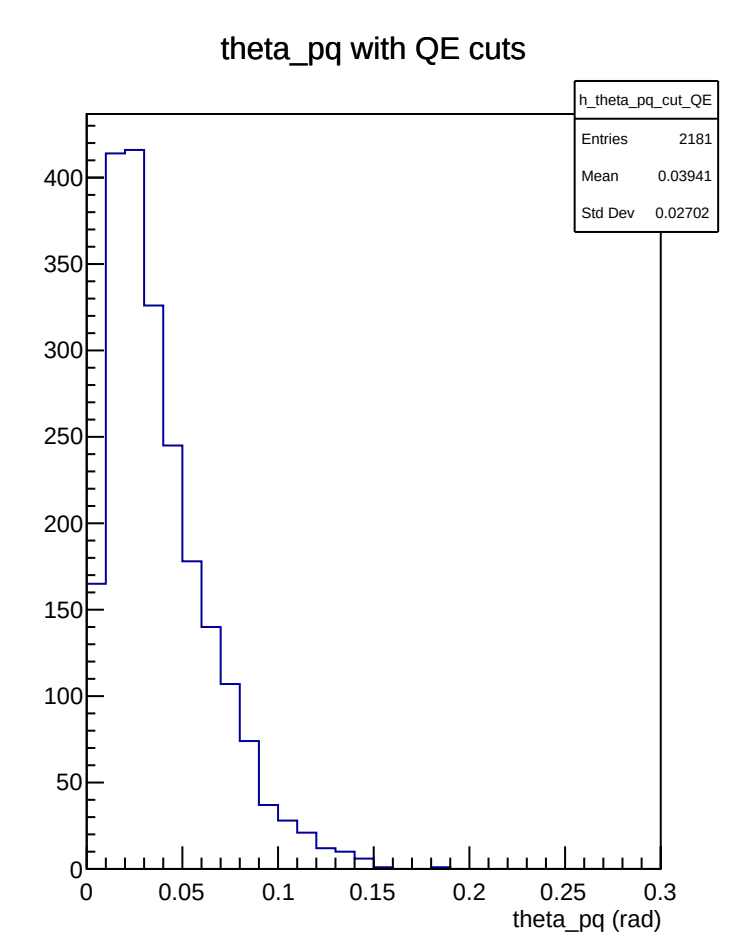


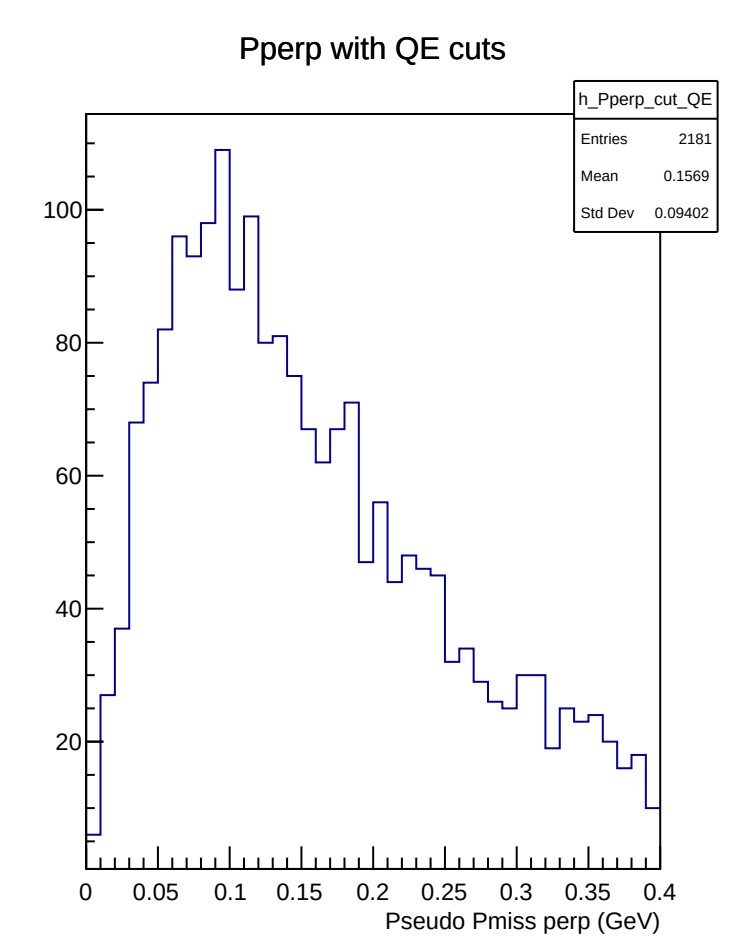
dx v Pperp dist

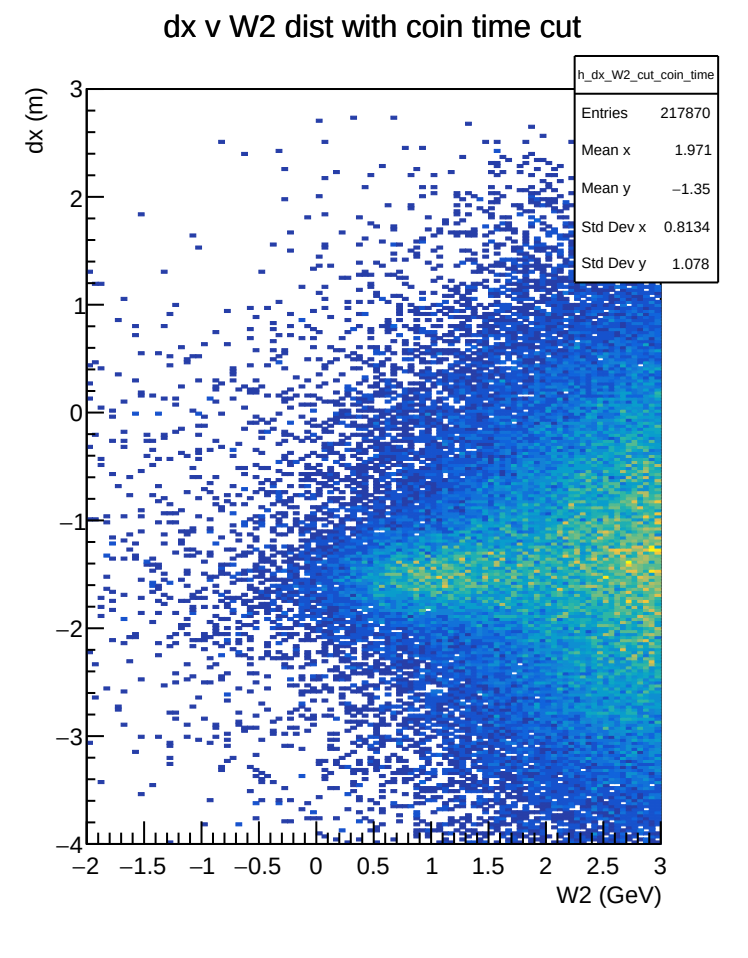


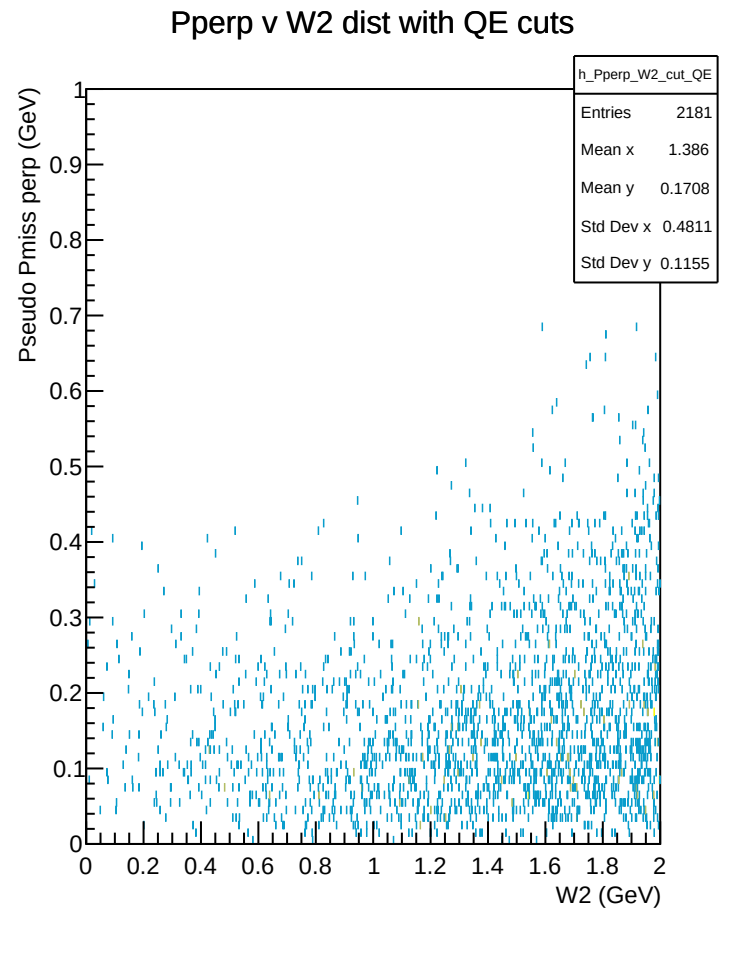
Pperp v W2 dist



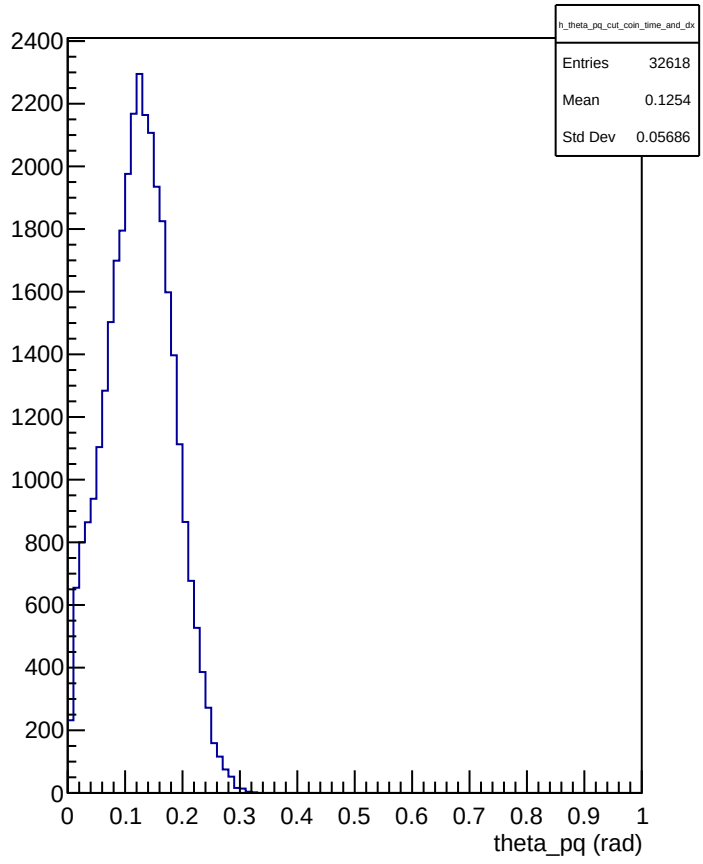

theta_pq with QE cuts
h_theta_pq_cut_QE
Entries 2181
Mean 0.03941
Std Dev 0.02702
theta_pq (rad)


Pperp with QE cuts
h_Pperp_cut_QE
Entries 2181
Mean 0.1569
Std Dev 0.09402
Pseudo Pmiss perp (GeV)

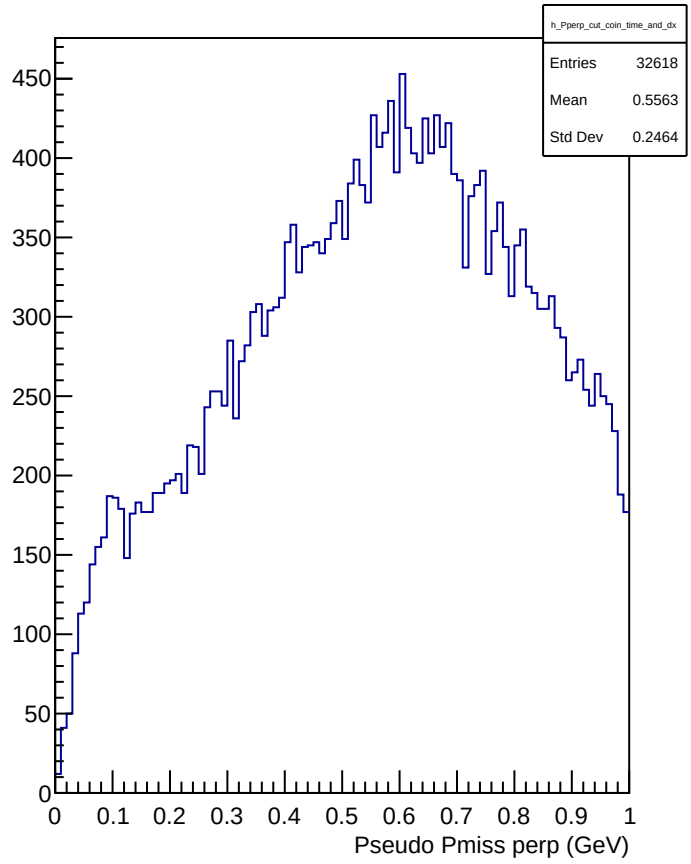

dx v W2 dist with coin time cut
h_dx_W2_cut_coin_time
Entries 217870
Mean x 1.971
Mean y −1.35
Std Dev x 0.8134
Std Dev y 1.078
dx (m)
W2 (GeV)


Pperp v W2 dist with QE cuts
h_Pperp_W2_cut_QE
Entries 2181
Mean x 1.386
Mean y 0.1708
Std Dev x 0.4811
Std Dev y 0.1155
Pseudo Pmiss perp (GeV)
W2 (GeV)

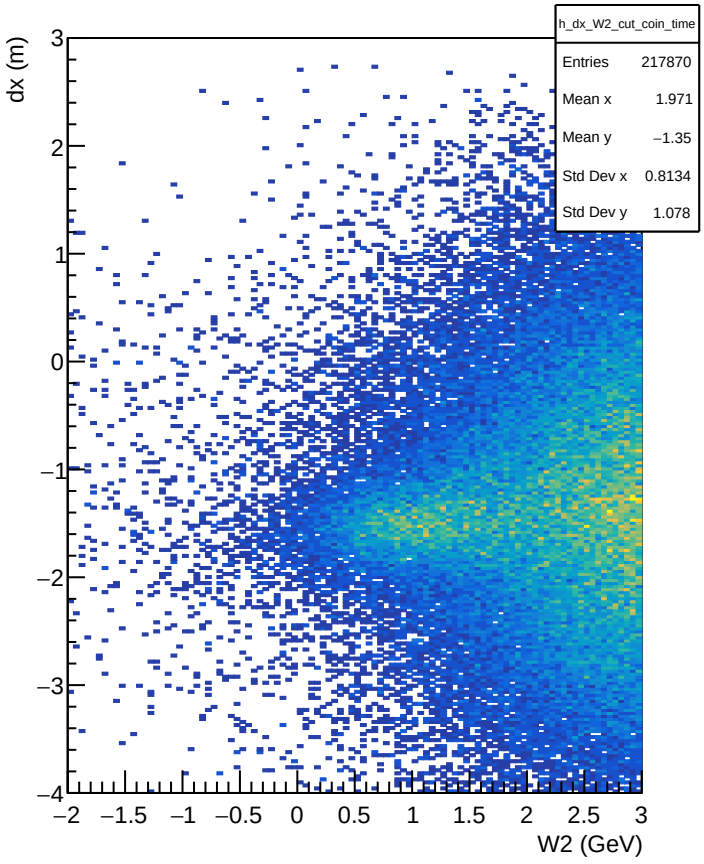
theta_pq with coin and dx cuts



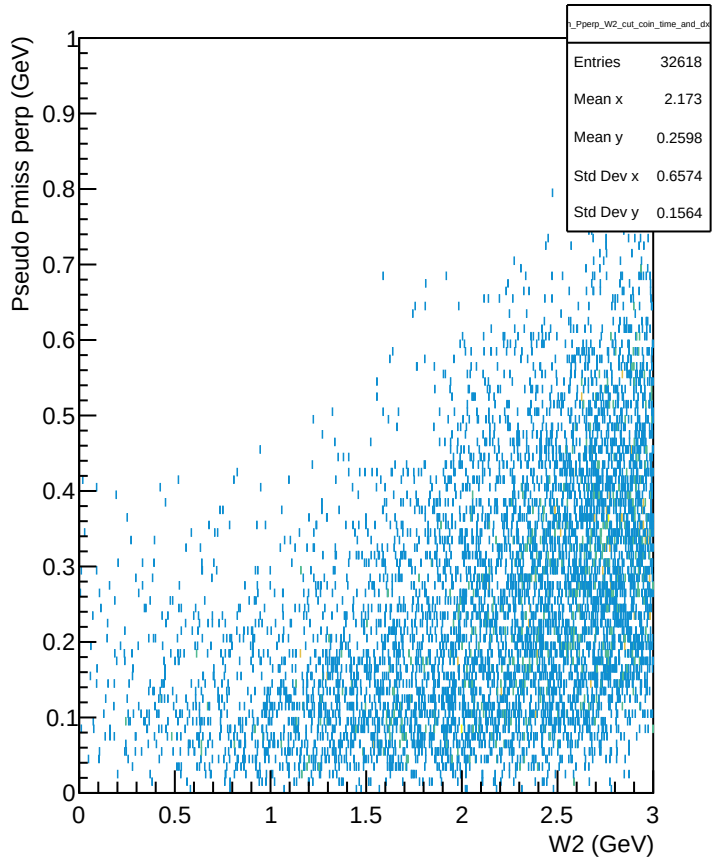
Pperp with coin and dx cuts



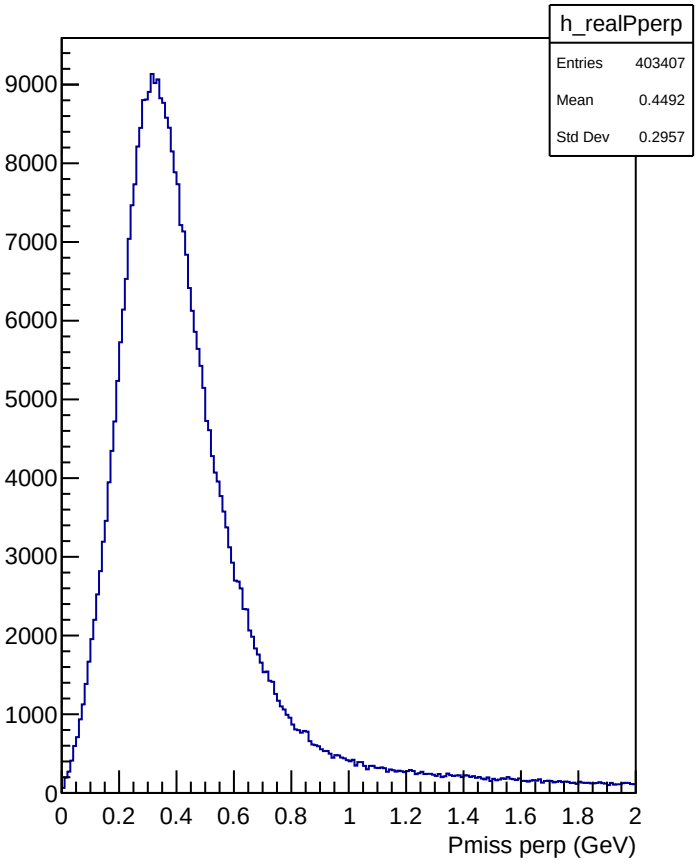
dx v W2 dist with coin time cut



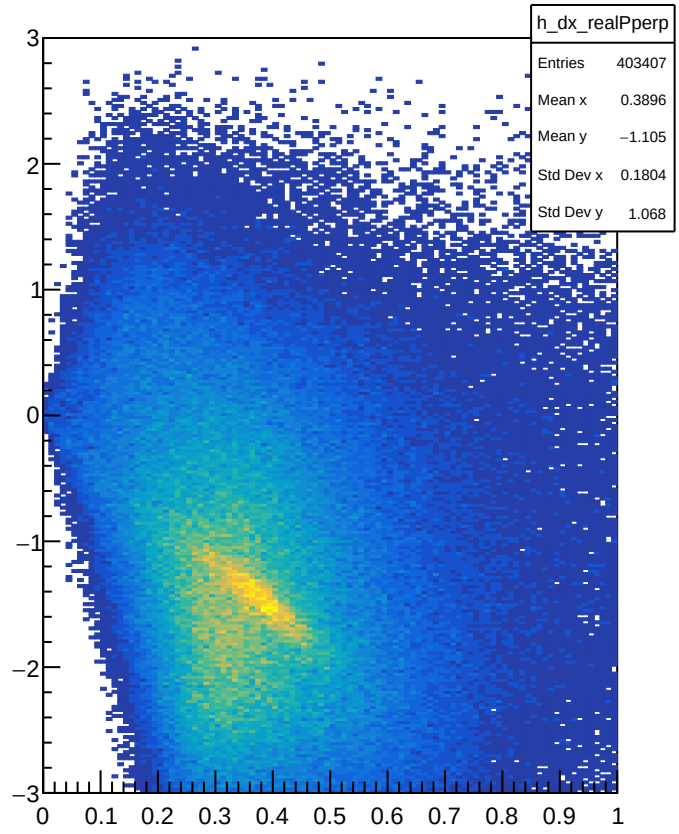
Pperp v W2 dist with coin and dx cuts



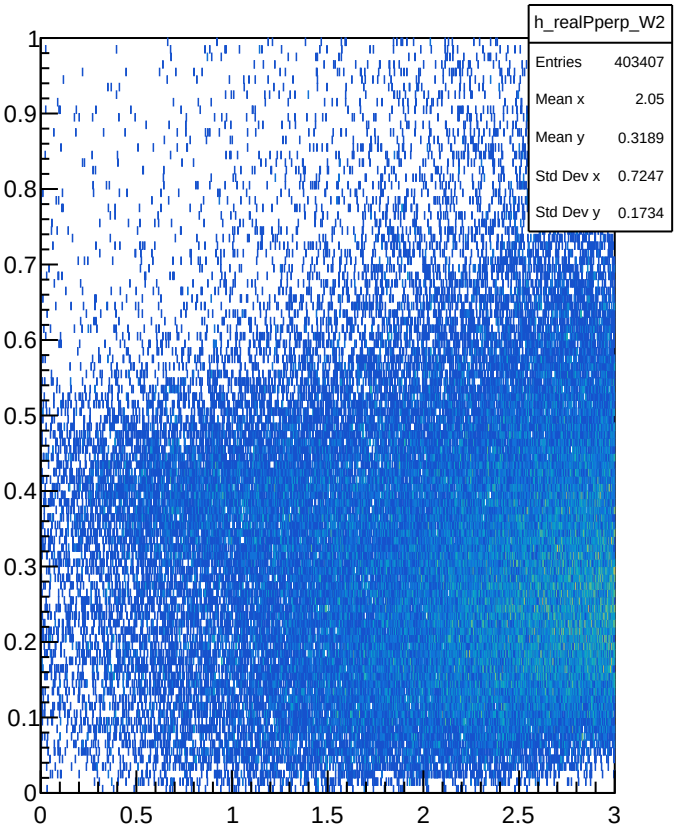
realPperp



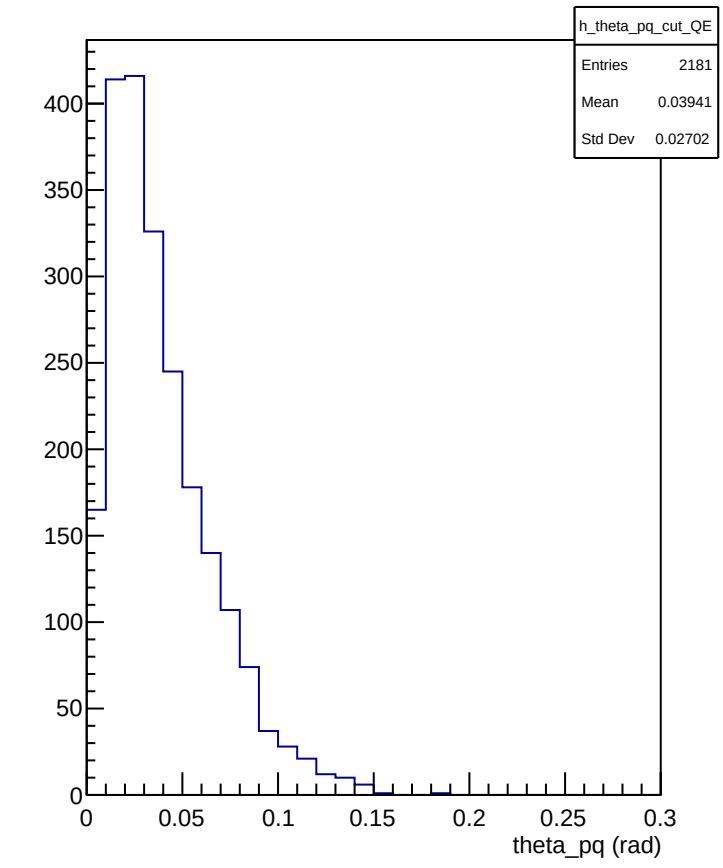
dx v realPperp dist



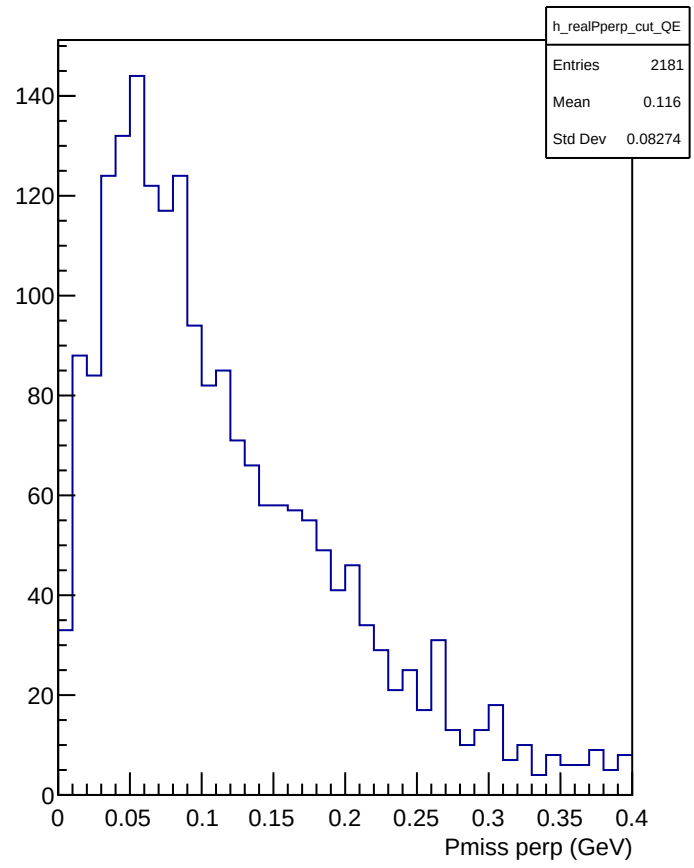
realPperp v W2 dist



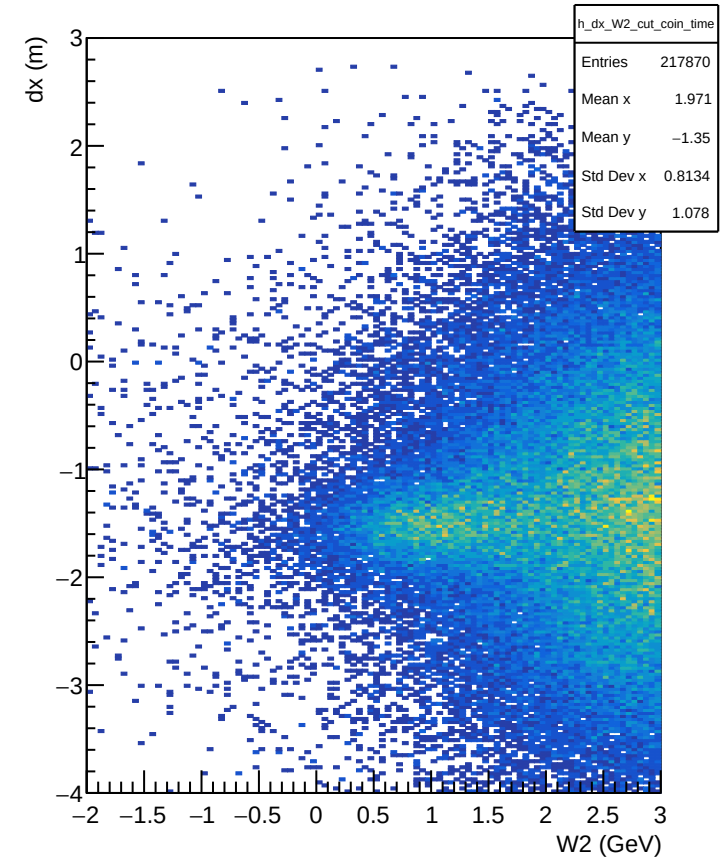
theta_pq with QE cuts



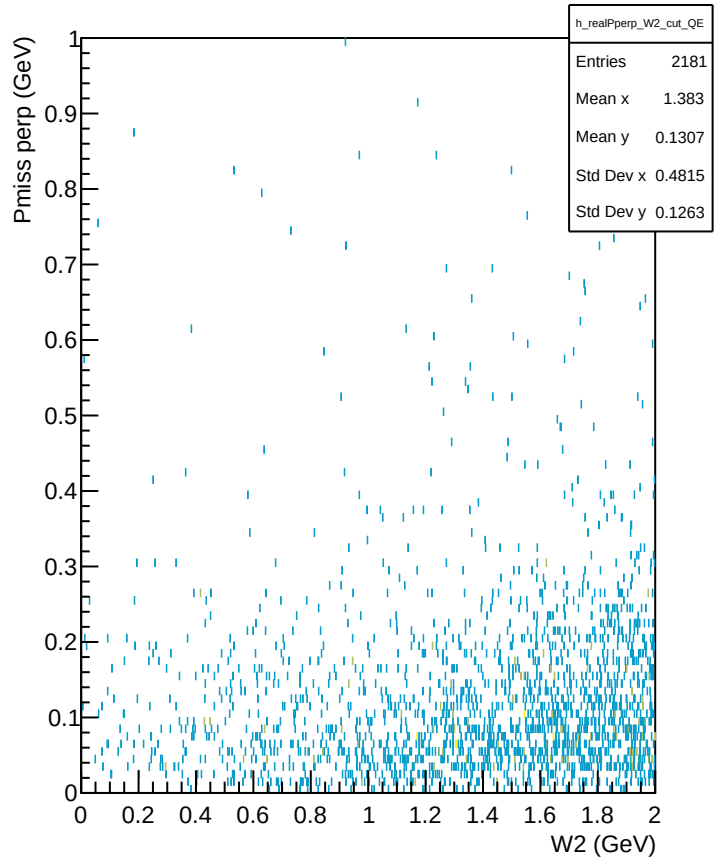
realPperp with QE cuts



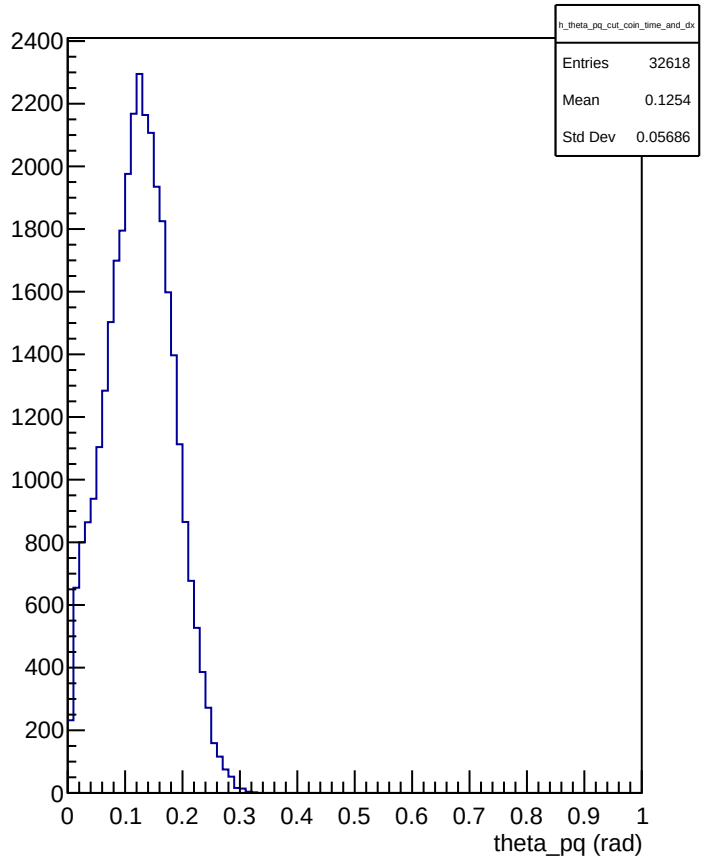
dx v W2 dist with coin time cut



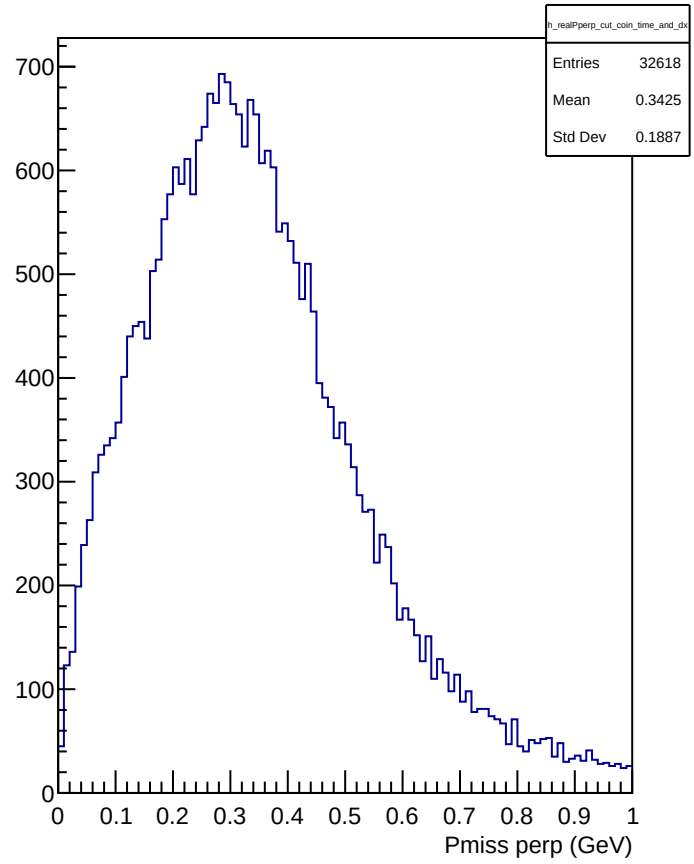
real Pperp v W2 dist with QE cuts



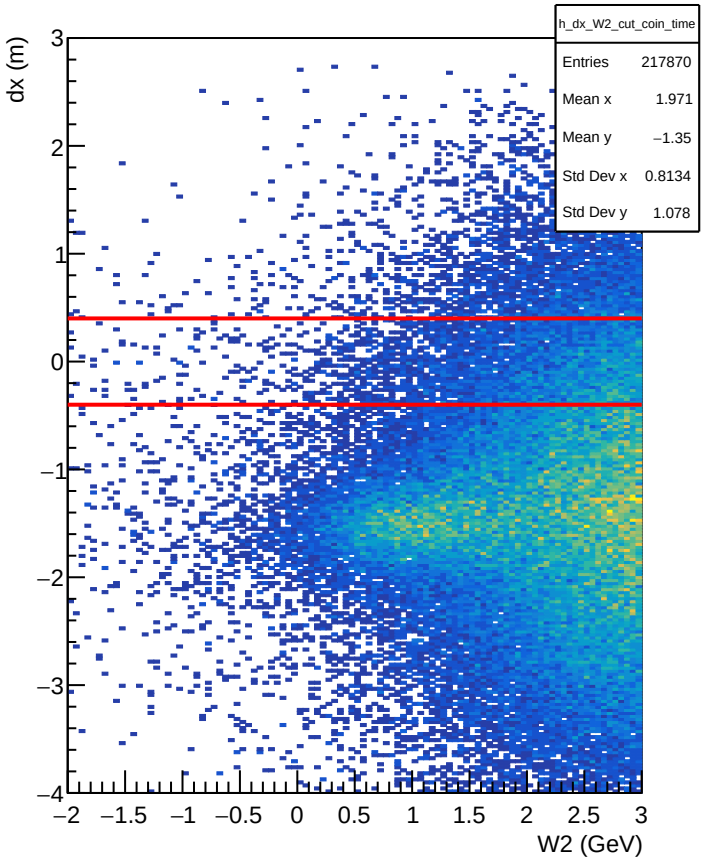
theta_pq with coin and dx cuts



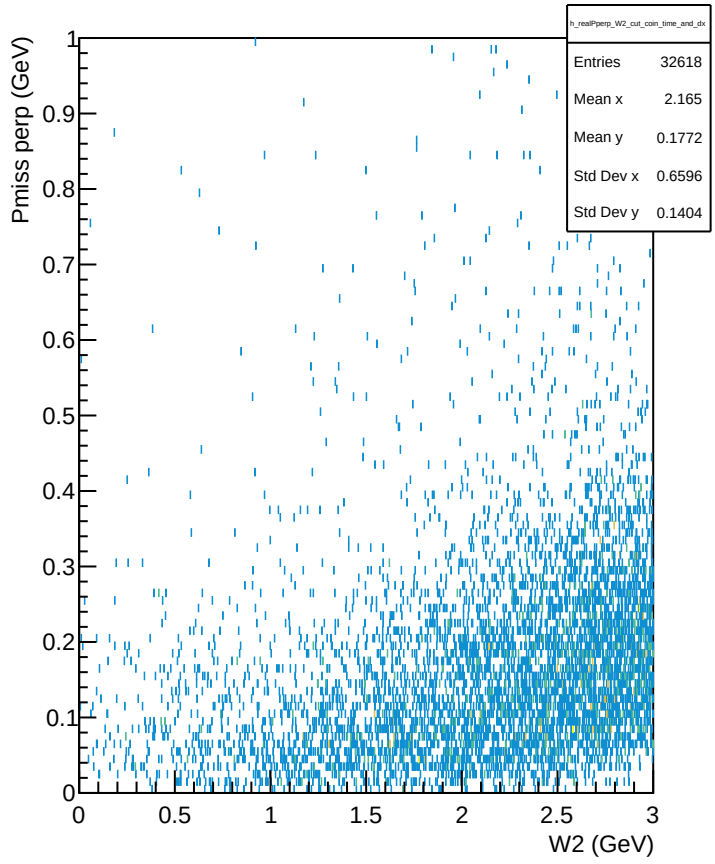
realPperp with coin and dx cuts



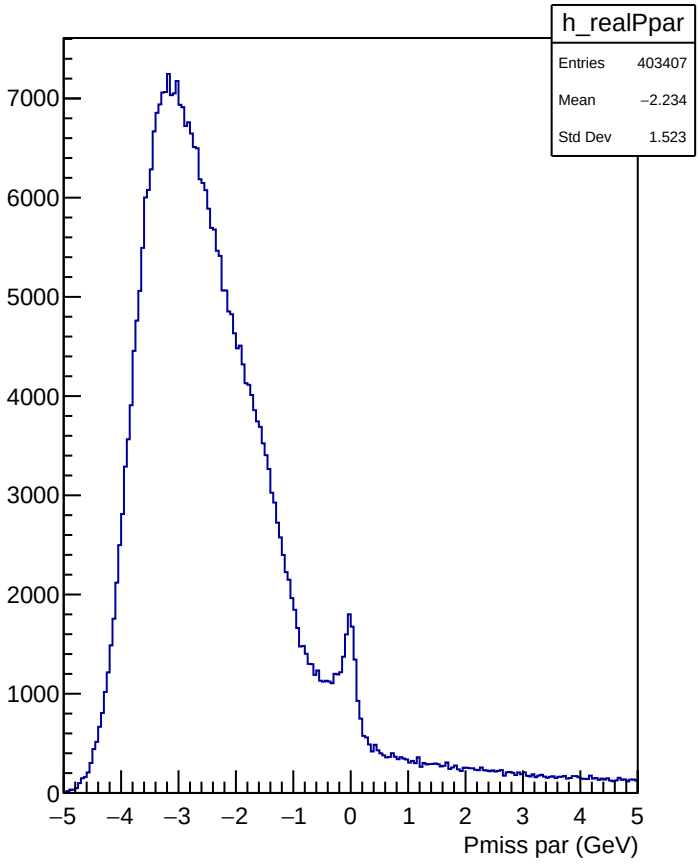
dx v W2 dist with coin time cut



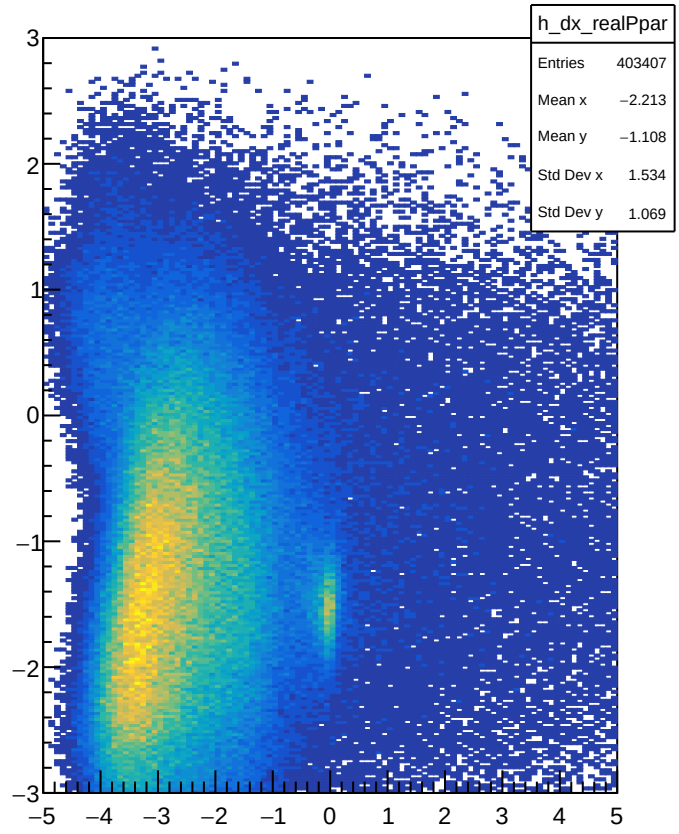
realPperp v W2 dist with coin and dx cuts



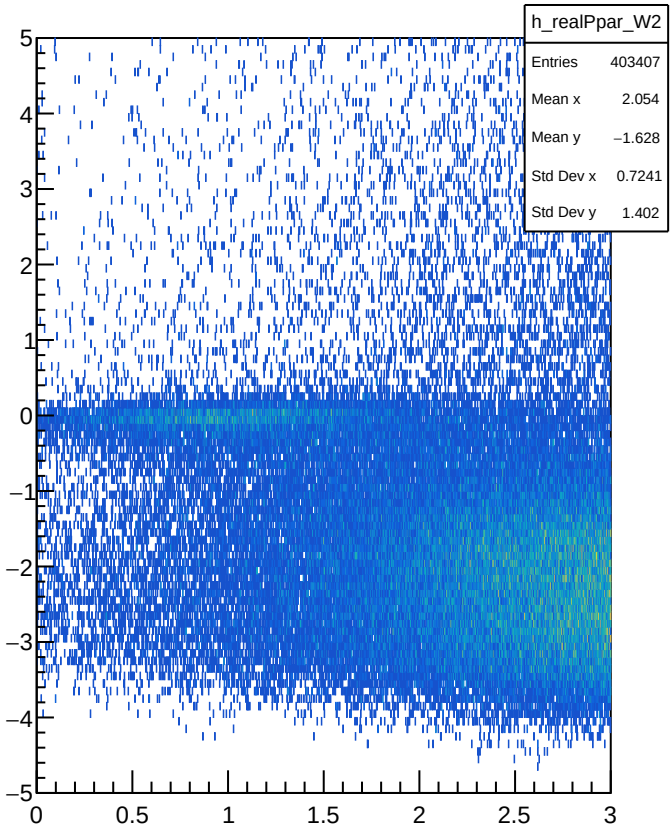
realPpar

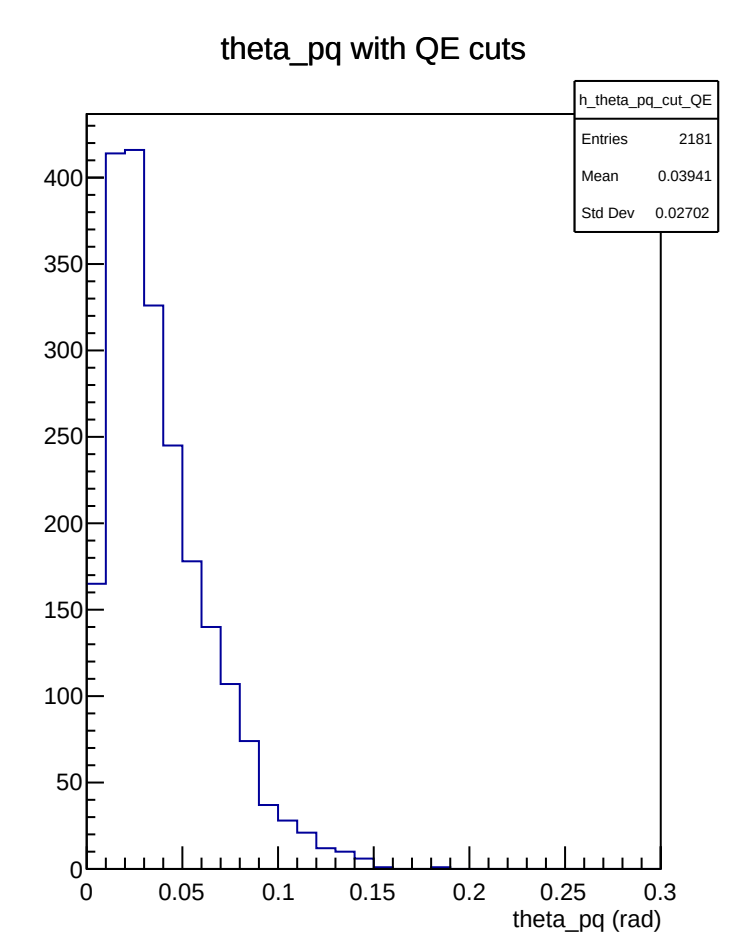


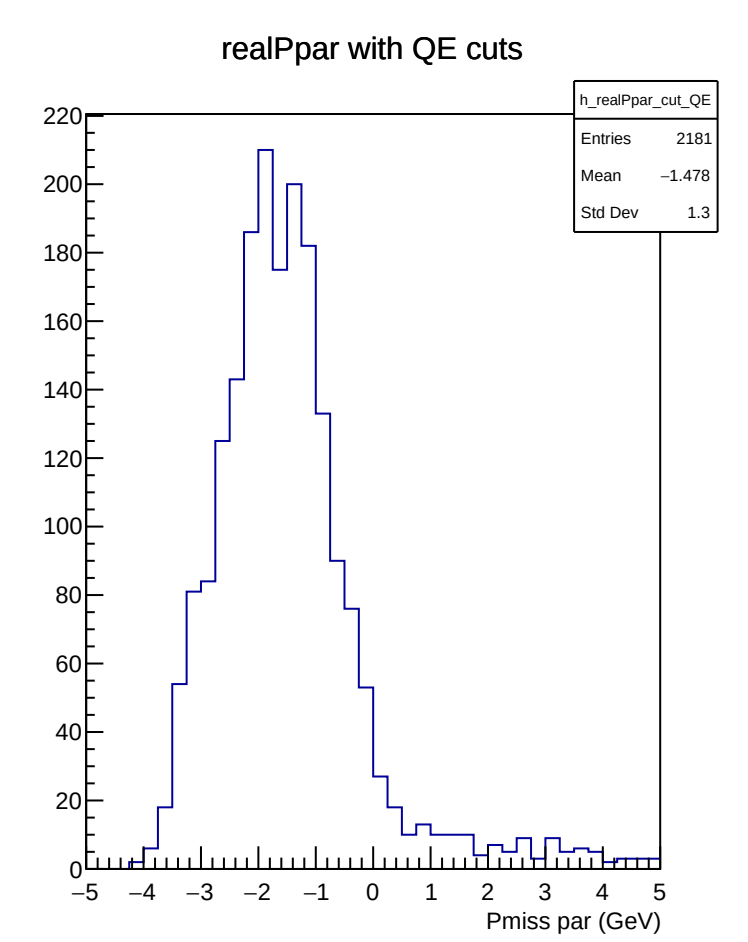
dx v realPpar dist

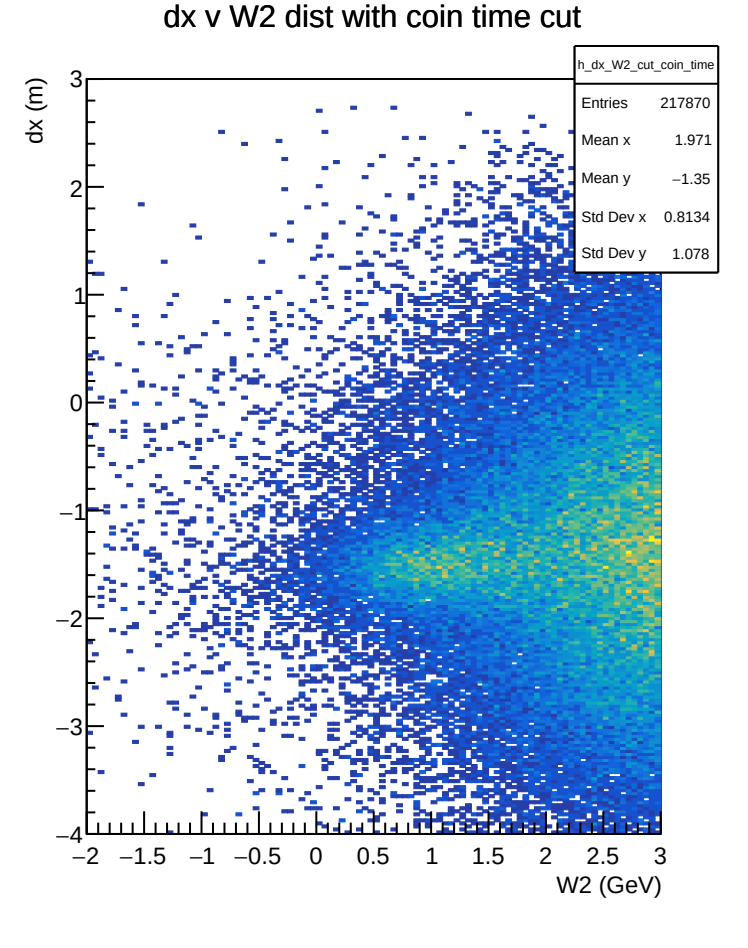


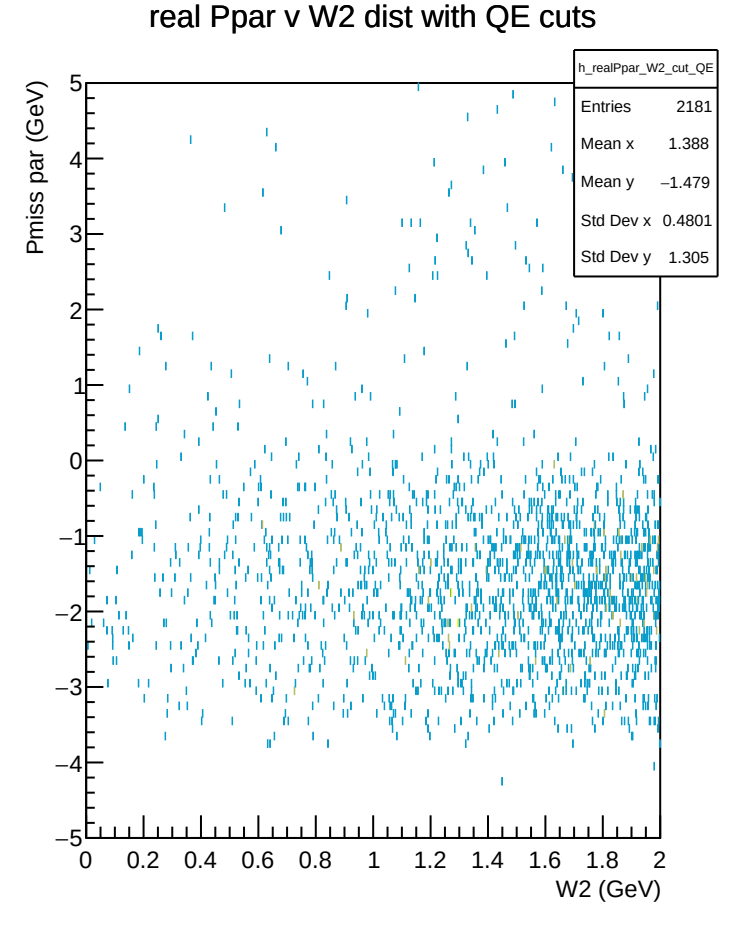
realPpar v W2 dist



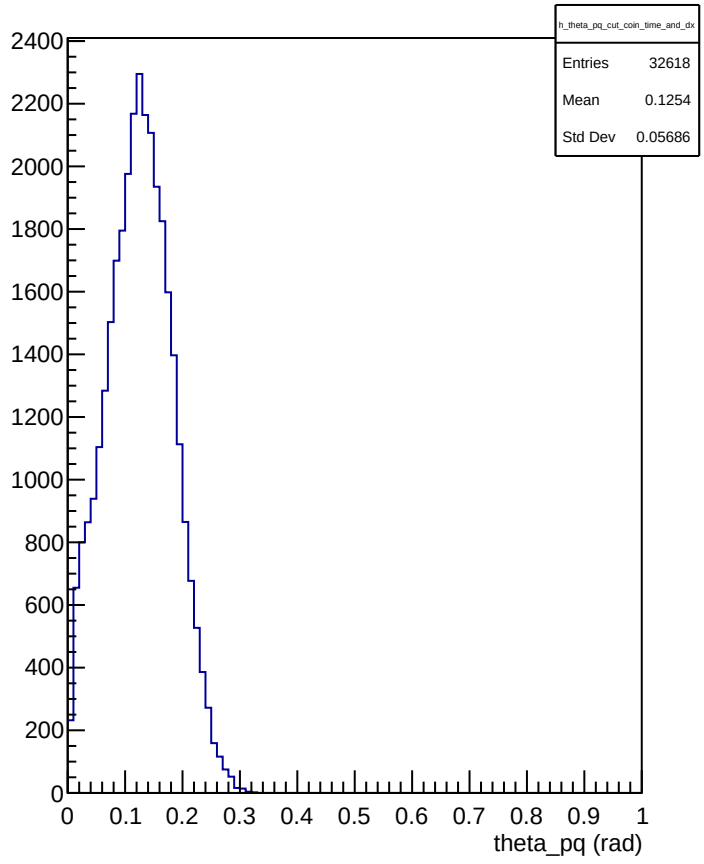

theta_pq with QE cuts
h_theta_pq_cut_QE
Entries 2181
Mean 0.03941
Std Dev 0.02702
theta_pq (rad)


realPpar with QE cuts
h_realPpar_cut_QE
Entries 2181
Mean −1.478
Std Dev 1.3
Pmiss par (GeV)

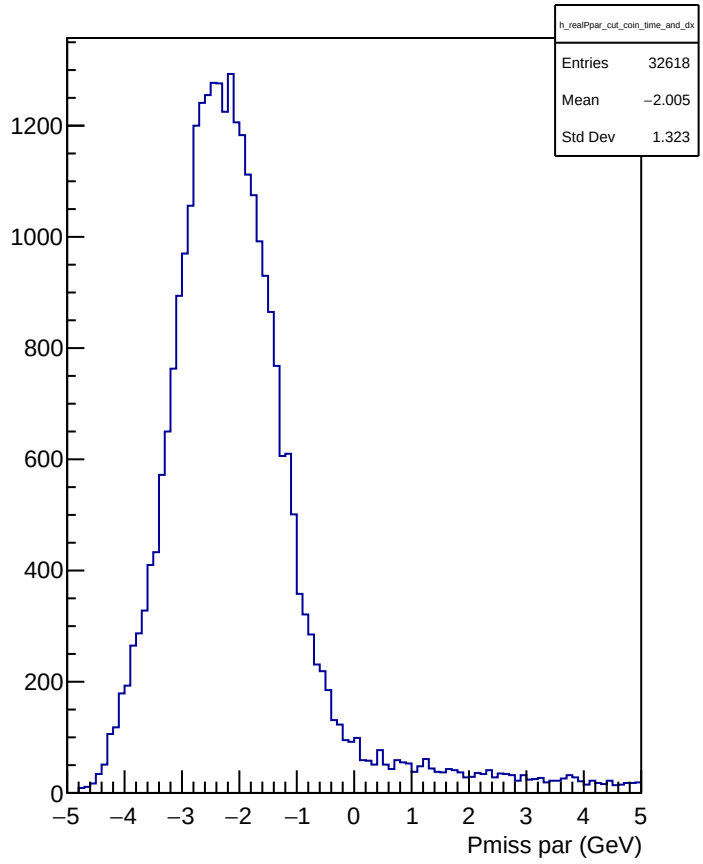

dx v W2 dist with coin time cut
h_dx_W2_cut_coin_time
Entries 217870
Mean x 1.971
Mean y −1.35
Std Dev x 0.8134
Std Dev y 1.078
dx (m)
W2 (GeV)


real Ppar v W2 dist with QE cuts
h_realPpar_W2_cut_QE
Entries 2181
Mean x 1.388
Mean y −1.479
Std Dev x 0.4801
Std Dev y 1.305
Pmiss par (GeV)
W2 (GeV)

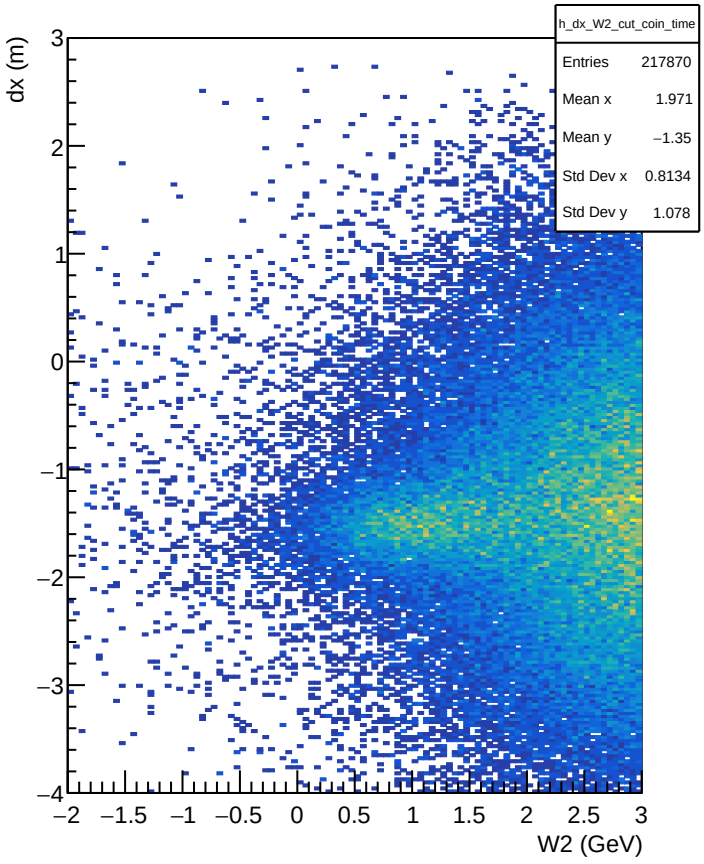
theta_pq with coin and dx cuts



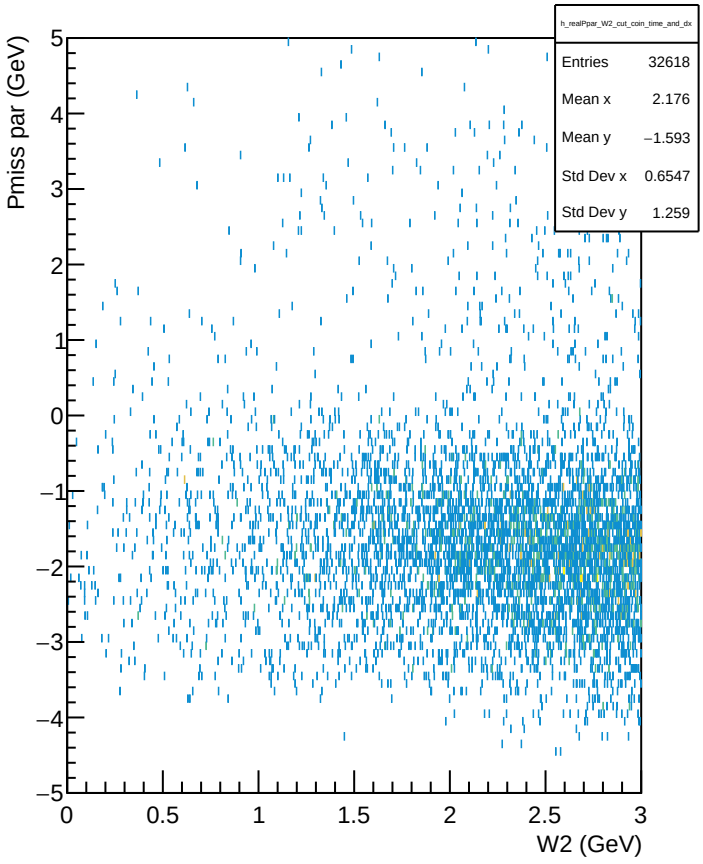
realPpar with coin and dx cuts

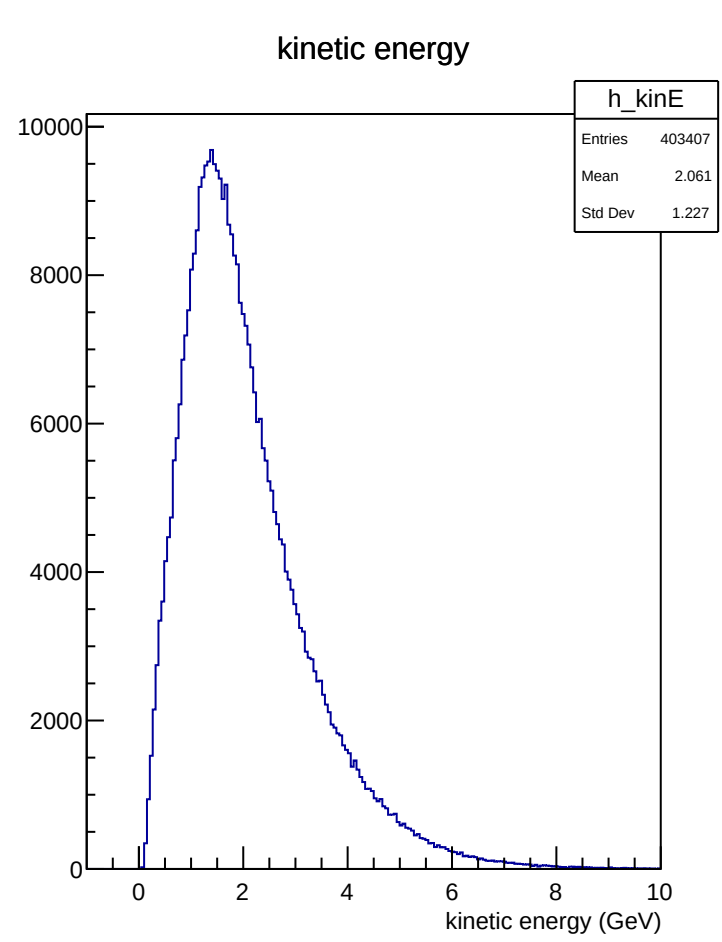


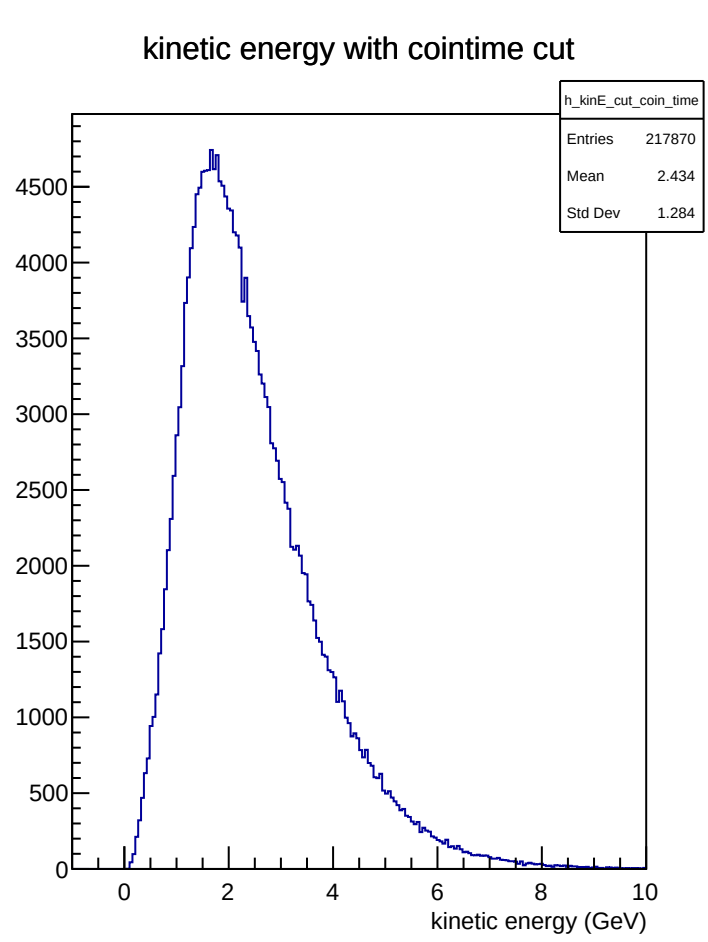
dx v W2 dist with coin time cut

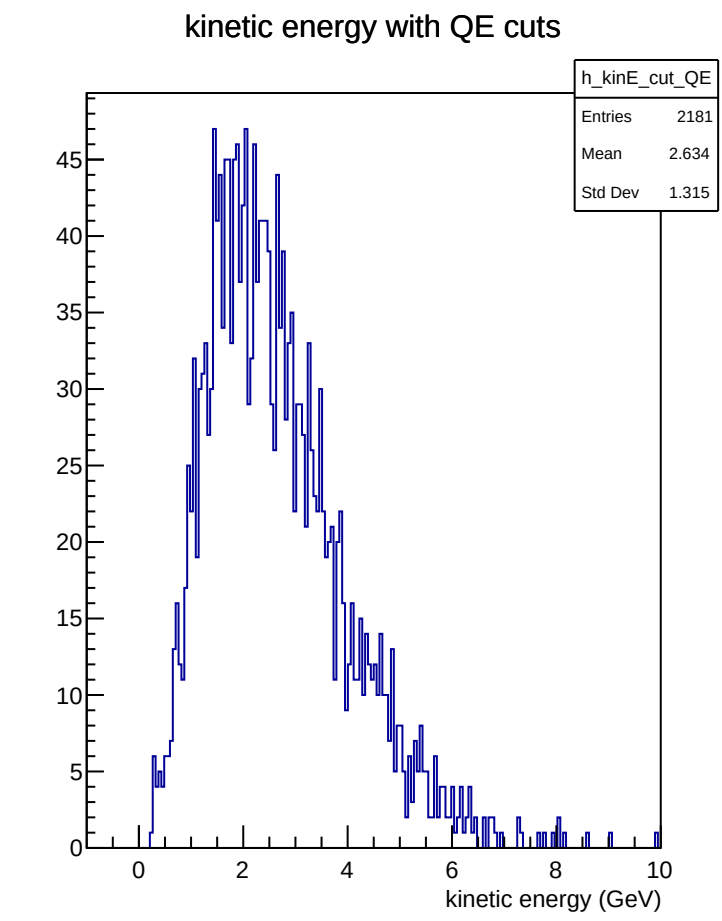


realPpar v W2 dist with coin and dx cuts




kinetic energy
h_kinE
Entries 403407
Mean 2.061
Std Dev 1.227
kinetic energy (GeV)


kinetic energy with cointime cut
h_kinE_cut_coin_time
Entries 217870
Mean 2.434
Std Dev 1.284
kinetic energy (GeV)


kinetic energy with QE cuts
h_kinE_cut_QE
Entries 2181
Mean 2.634
Std Dev 1.315
kinetic energy (GeV)