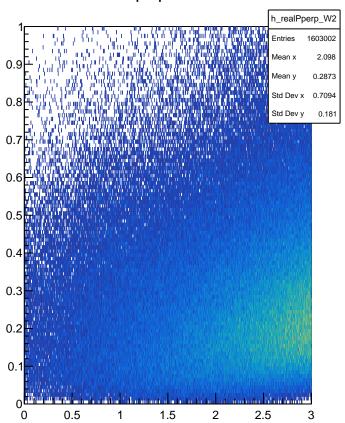
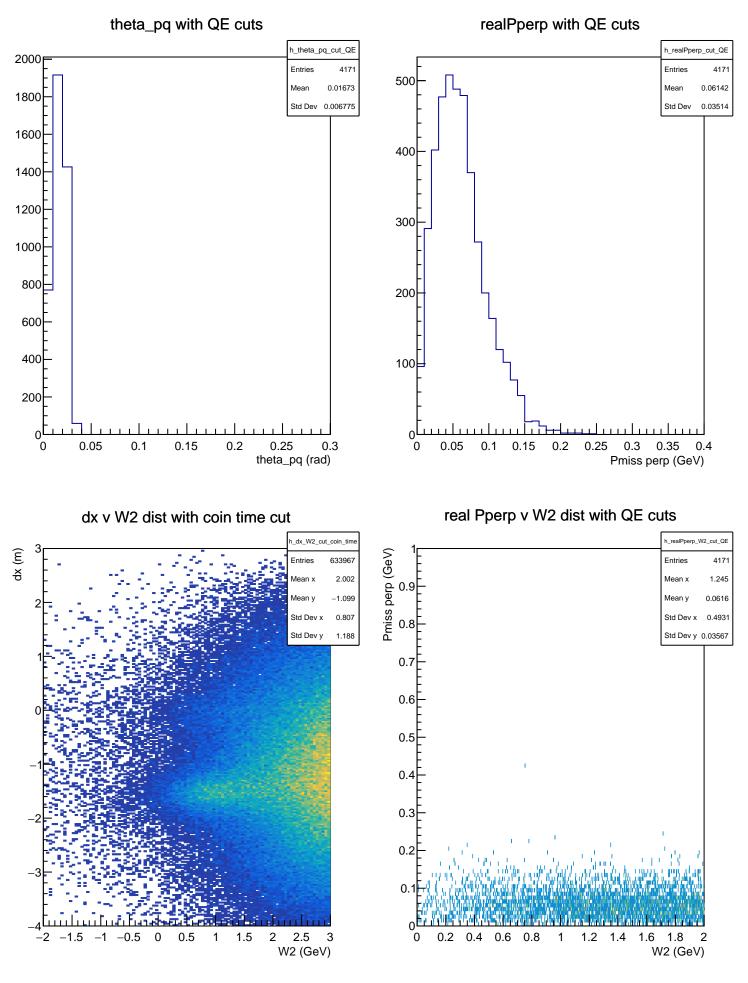
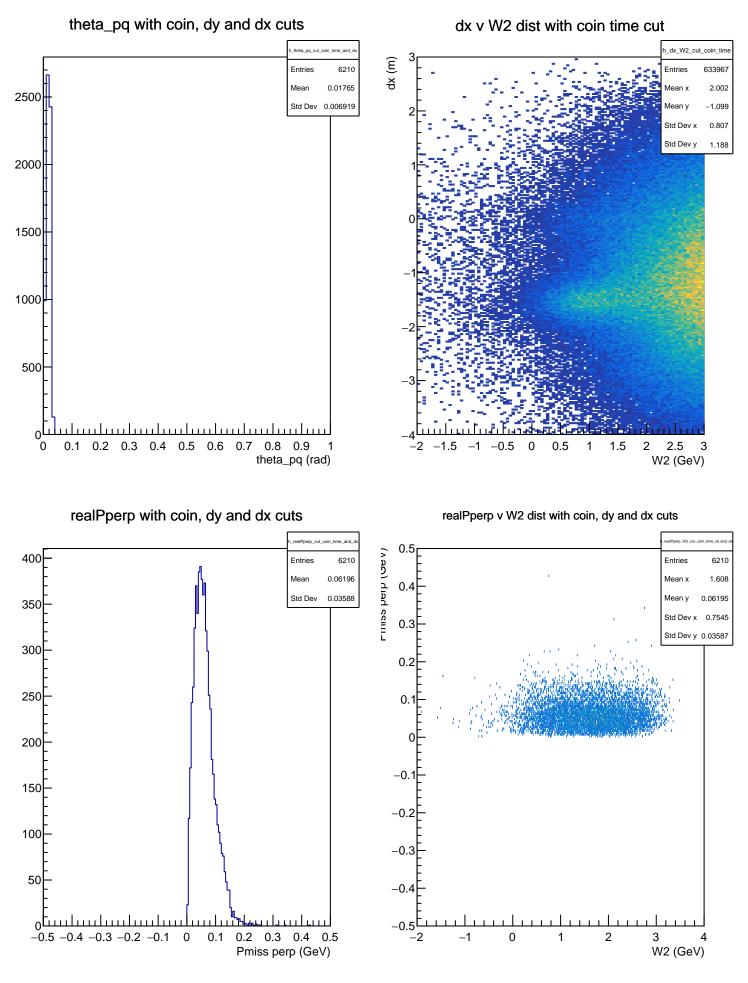
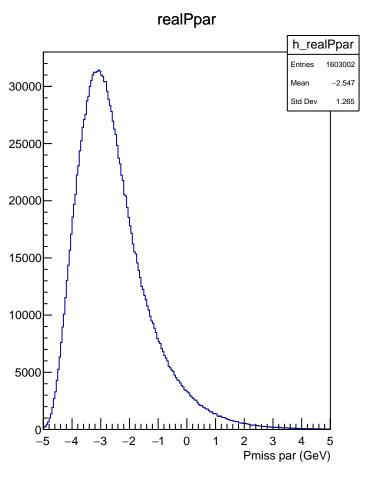


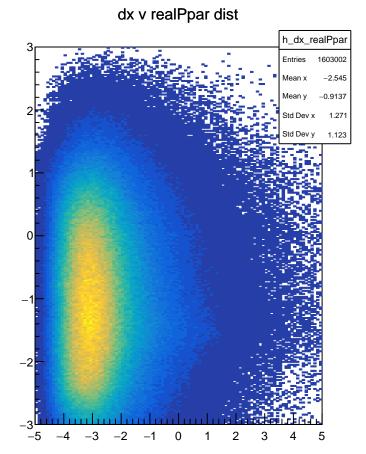
## realPperp v W2 dist



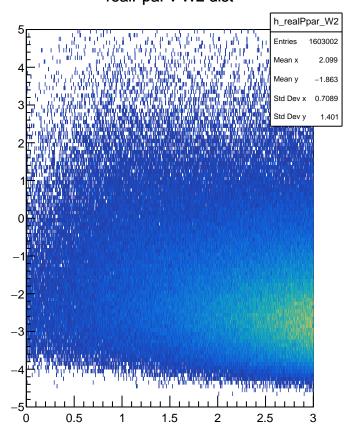


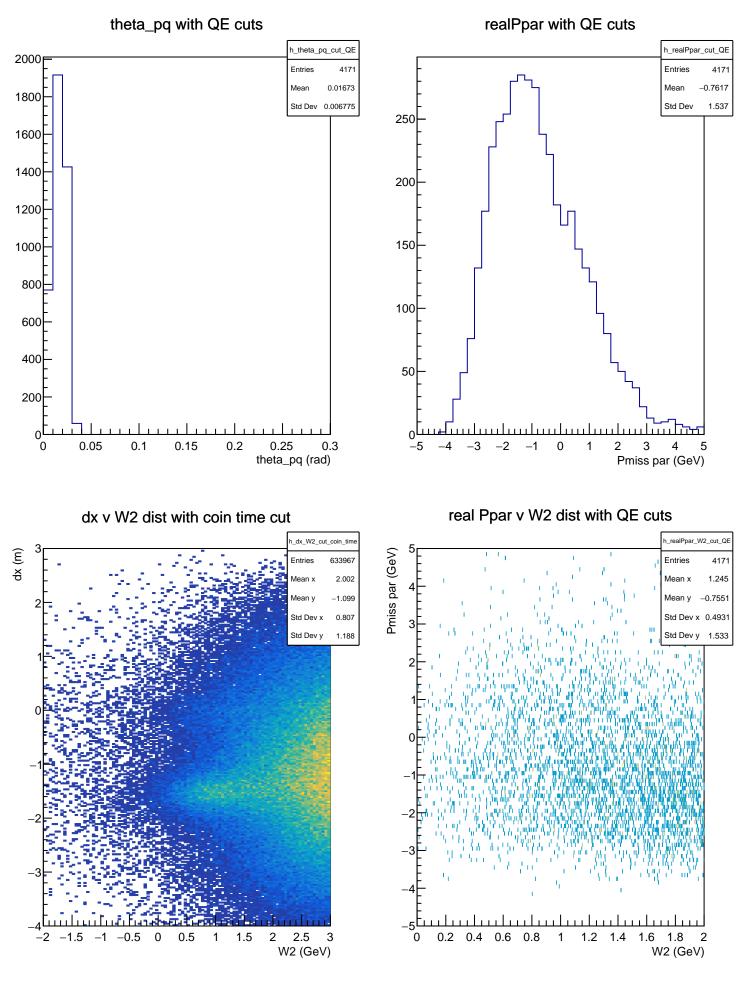






# realPpar v W2 dist





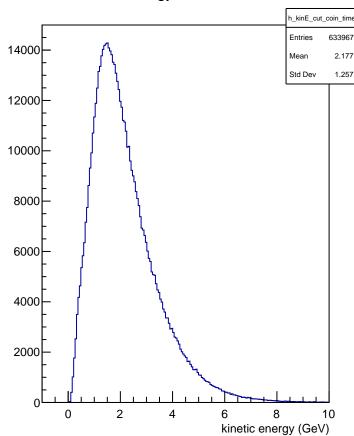
## theta\_pq with coin, dy and dx cuts dx v W2 dist with coin time cut h\_dx\_W2\_cut\_coin\_time dx (m) Entries Entries 0.01765 2.002 2500 Std Dev 0.006919 -1.099 Std Dev x 0.807 Std Dev y 1.188 2000 1500 1000 500 8.0 2.5 theta\_pq (rad) W2 (GeV) realPpar with coin, dy and dx cuts realPpar v W2 dist with coin, dy and dx cuts Pmiss par (GeV) Entries 6210 Entries 100 Mean -0.9419 1.608 Mean x 1.503 Mean y Std Dev -0.942Std Dev x 0.7542 Std Dev y 1.503 80 60 40 20

2 3 4 5 Pmiss par (GeV) 3

W2 (GeV)

# kinetic energy | h\_kinE | | Entries | 1603002 | | Mean | 1.727 | | Std Dev | 1.139 | | 25000 | | 15000 | | 15000 | | 5000 |

### kinetic energy with cointime cut



## kinetic energy with QE cuts

8

kinetic energy (GeV)

2

0

