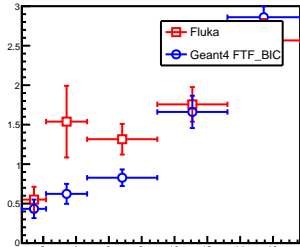
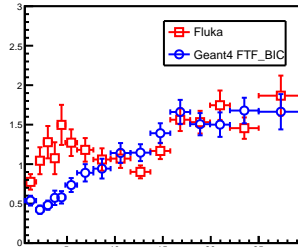


# $p - 0 \leq Z < 18$ - MC weights - no ng cut

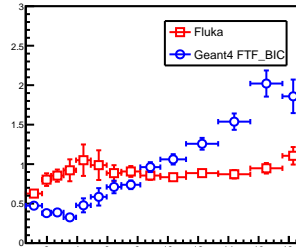
$0 < \theta < 20$  mrad



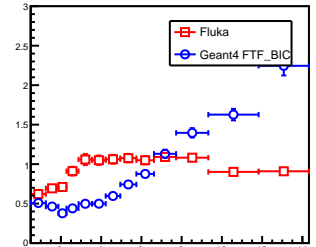
$20 < \theta < 40$  mrad



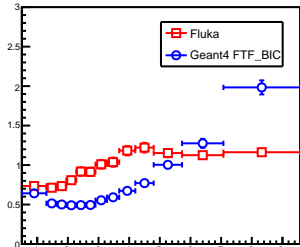
$40 < \theta < 60$  mrad



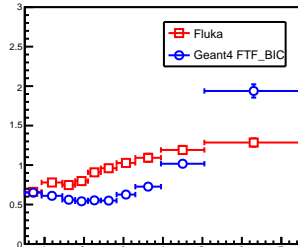
$60 < \theta < 100$  mrad



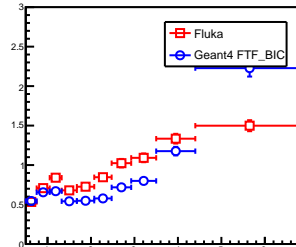
$100 < \theta < 140$  mrad



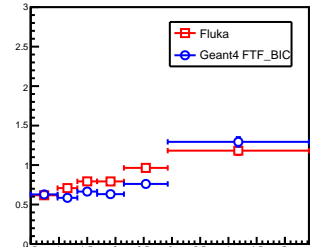
$140 < \theta < 180$  mrad



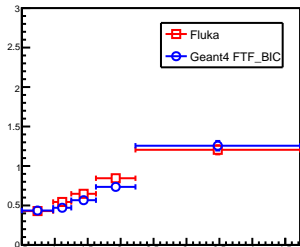
$180 < \theta < 220$  mrad



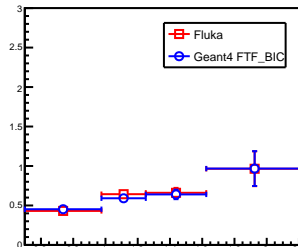
$220 < \theta < 260$  mrad



$260 < \theta < 300$  mrad

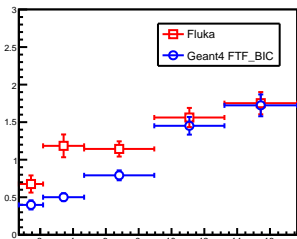


$300 < \theta < 380$  mrad

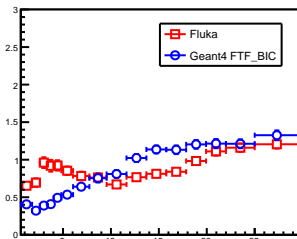


# p - $18 \leq Z < 36$ - MC weights - no ng cut

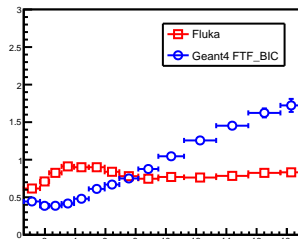
$0 < \theta < 20$  mrad



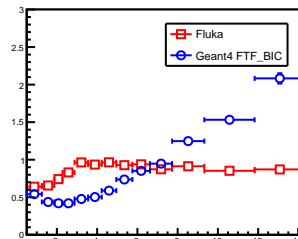
$20 < \theta < 40$  mrad



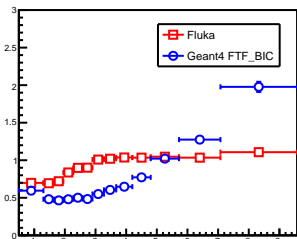
$40 < \theta < 60$  mrad



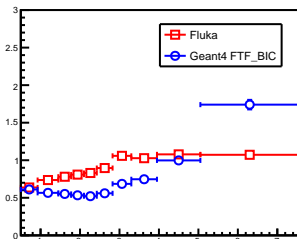
$60 < \theta < 100$  mrad



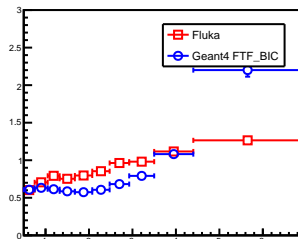
$100 < \theta < 140$  mrad



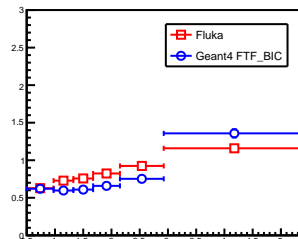
$140 < \theta < 180$  mrad



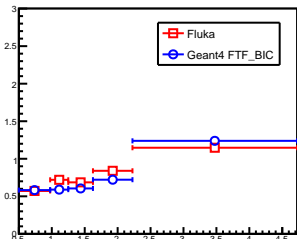
$180 < \theta < 220$  mrad



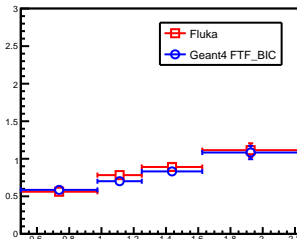
$220 < \theta < 260$  mrad



$260 < \theta < 300$  mrad

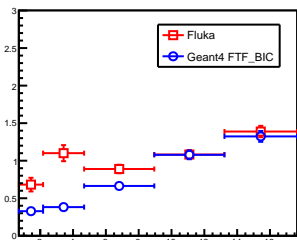


$300 < \theta < 380$  mrad

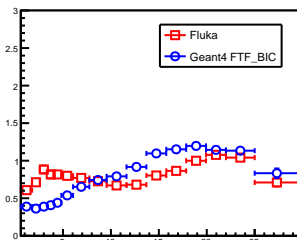


# p - $36 \leq Z < 54$ - MC weights - no ng cut

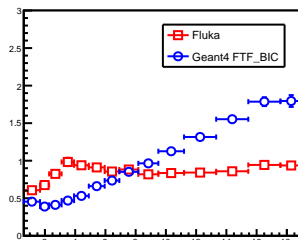
$0 < \theta < 20$  mrad



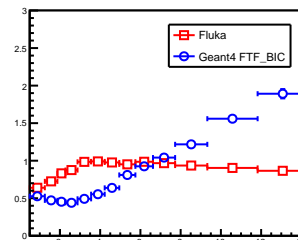
$20 < \theta < 40$  mrad



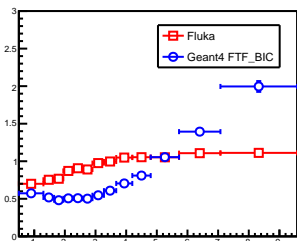
$40 < \theta < 60$  mrad



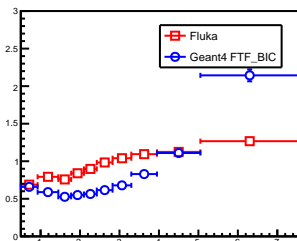
$60 < \theta < 100$  mrad



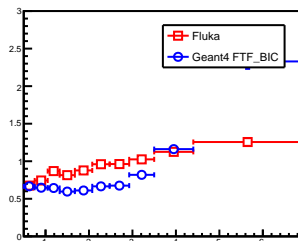
$100 < \theta < 140$  mrad



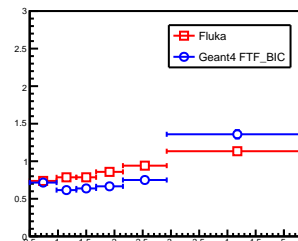
$140 < \theta < 180$  mrad



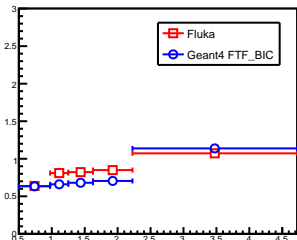
$180 < \theta < 220$  mrad



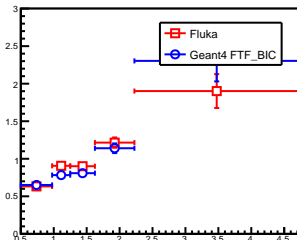
$220 < \theta < 260$  mrad



$260 < \theta < 300$  mrad

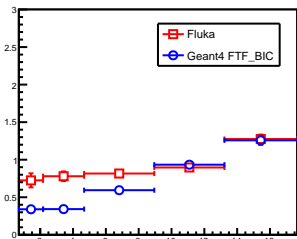


$300 < \theta < 380$  mrad

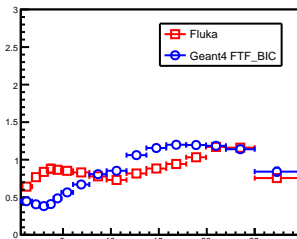


# p - $54 \leq Z < 72$ - MC weights - no ng cut

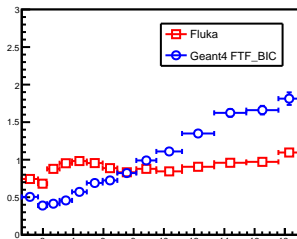
$0 < \theta < 20$  mrad



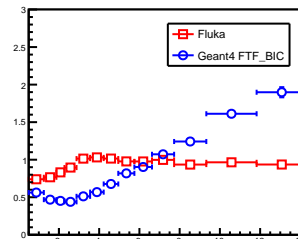
$20 < \theta < 40$  mrad



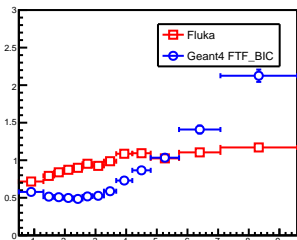
$40 < \theta < 60$  mrad



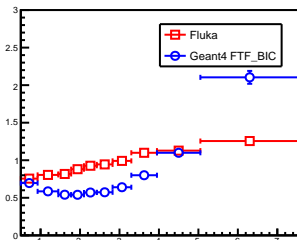
$60 < \theta < 100$  mrad



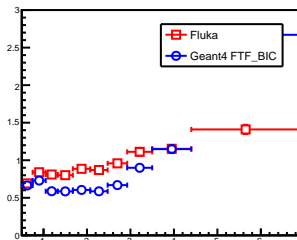
$100 < \theta < 140$  mrad



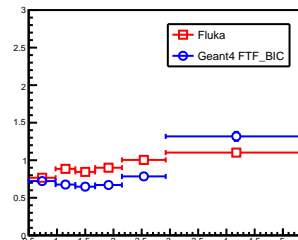
$140 < \theta < 180$  mrad



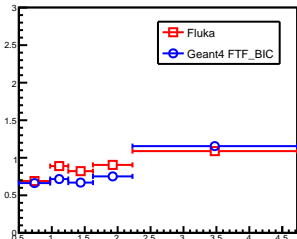
$180 < \theta < 220$  mrad



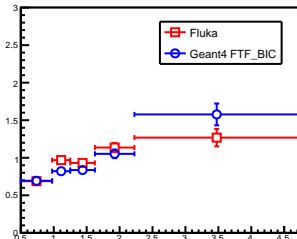
$220 < \theta < 260$  mrad



$260 < \theta < 300$  mrad

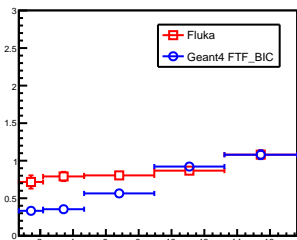


$300 < \theta < 380$  mrad

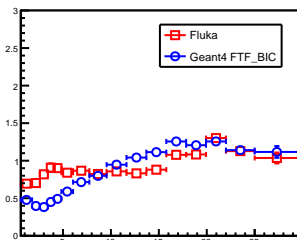


# p - $72 \leq Z < 90$ - MC weights - no ng cut

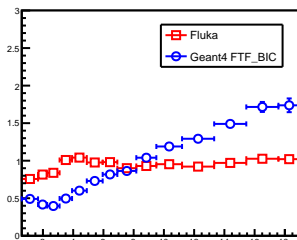
$0 < \theta < 20$  mrad



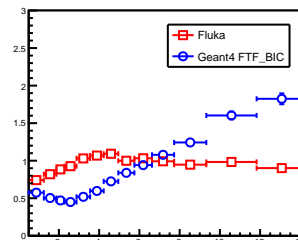
$20 < \theta < 40$  mrad



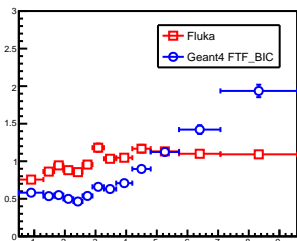
$40 < \theta < 60$  mrad



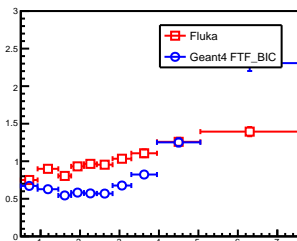
$60 < \theta < 100$  mrad



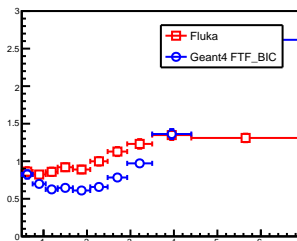
$100 < \theta < 140$  mrad



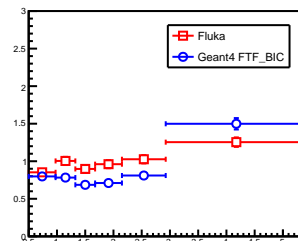
$140 < \theta < 180$  mrad



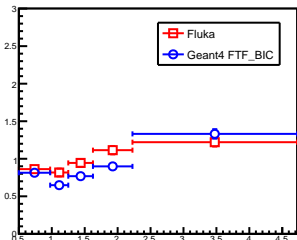
$180 < \theta < 220$  mrad



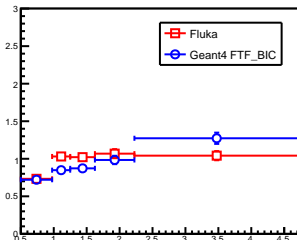
$220 < \theta < 260$  mrad



$260 < \theta < 300$  mrad

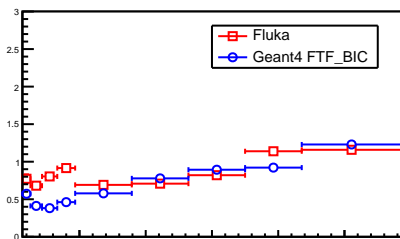


$300 < \theta < 380$  mrad

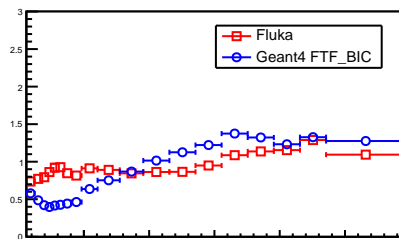


# p - Z = 90 - MC weights - no ng cut

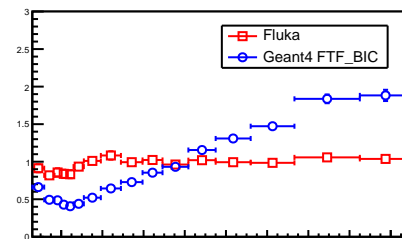
0 <  $\theta$  < 20 mrad



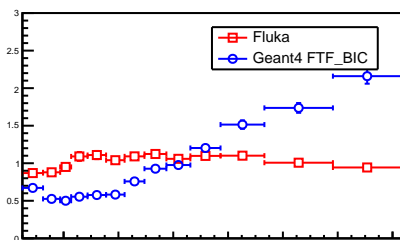
20 <  $\theta$  < 40 mrad



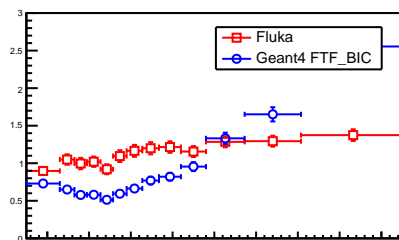
40 <  $\theta$  < 60 mrad



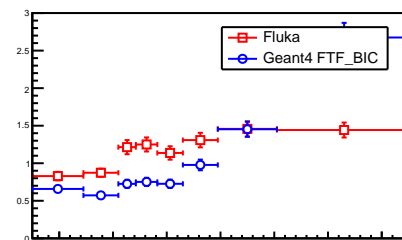
60 <  $\theta$  < 100 mrad



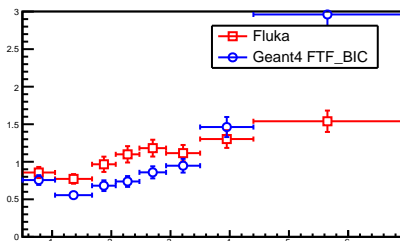
100 <  $\theta$  < 140 mrad



140 <  $\theta$  < 180 mrad



180 <  $\theta$  < 220 mrad



220 <  $\theta$  < 260 mrad

