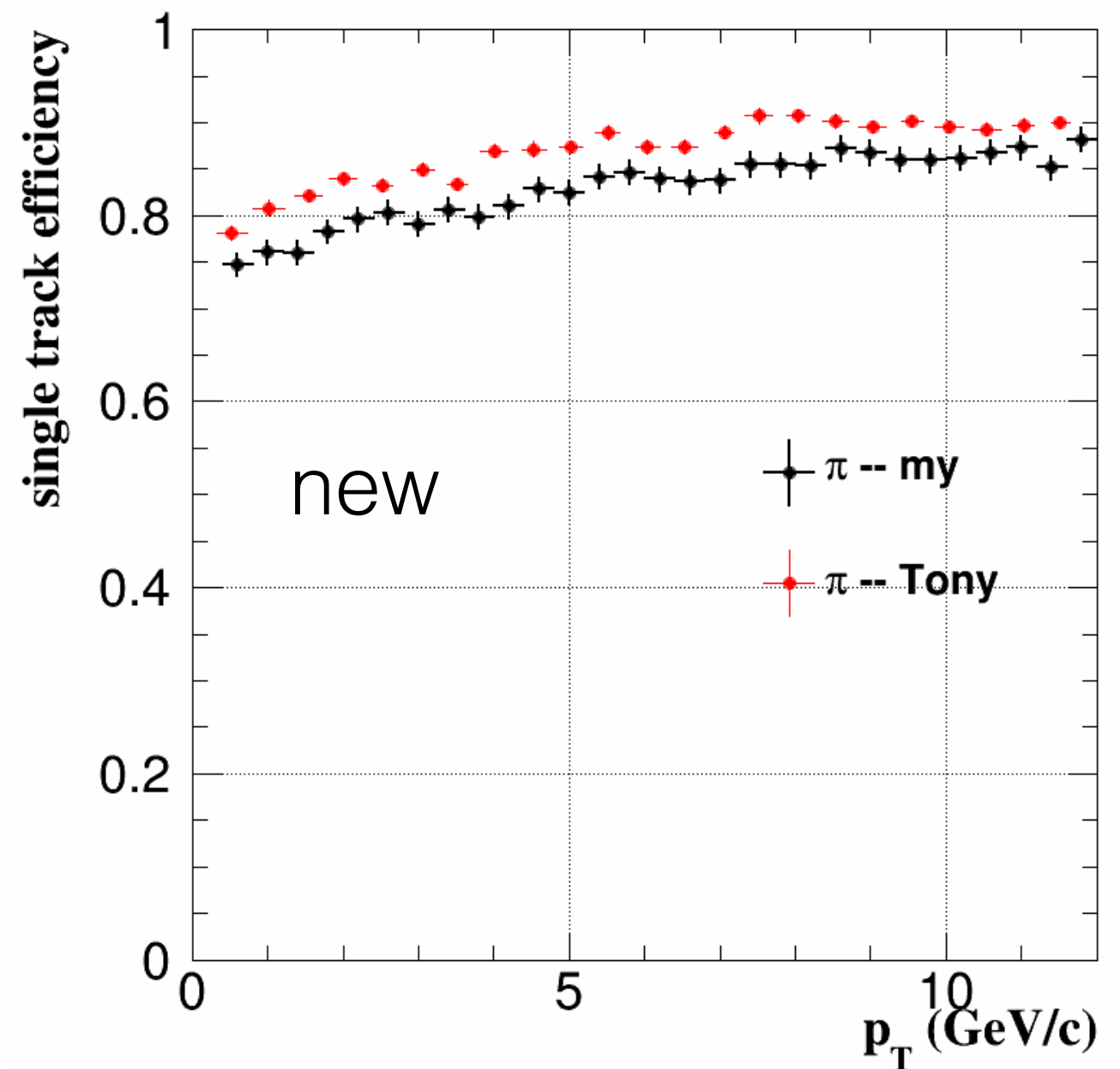
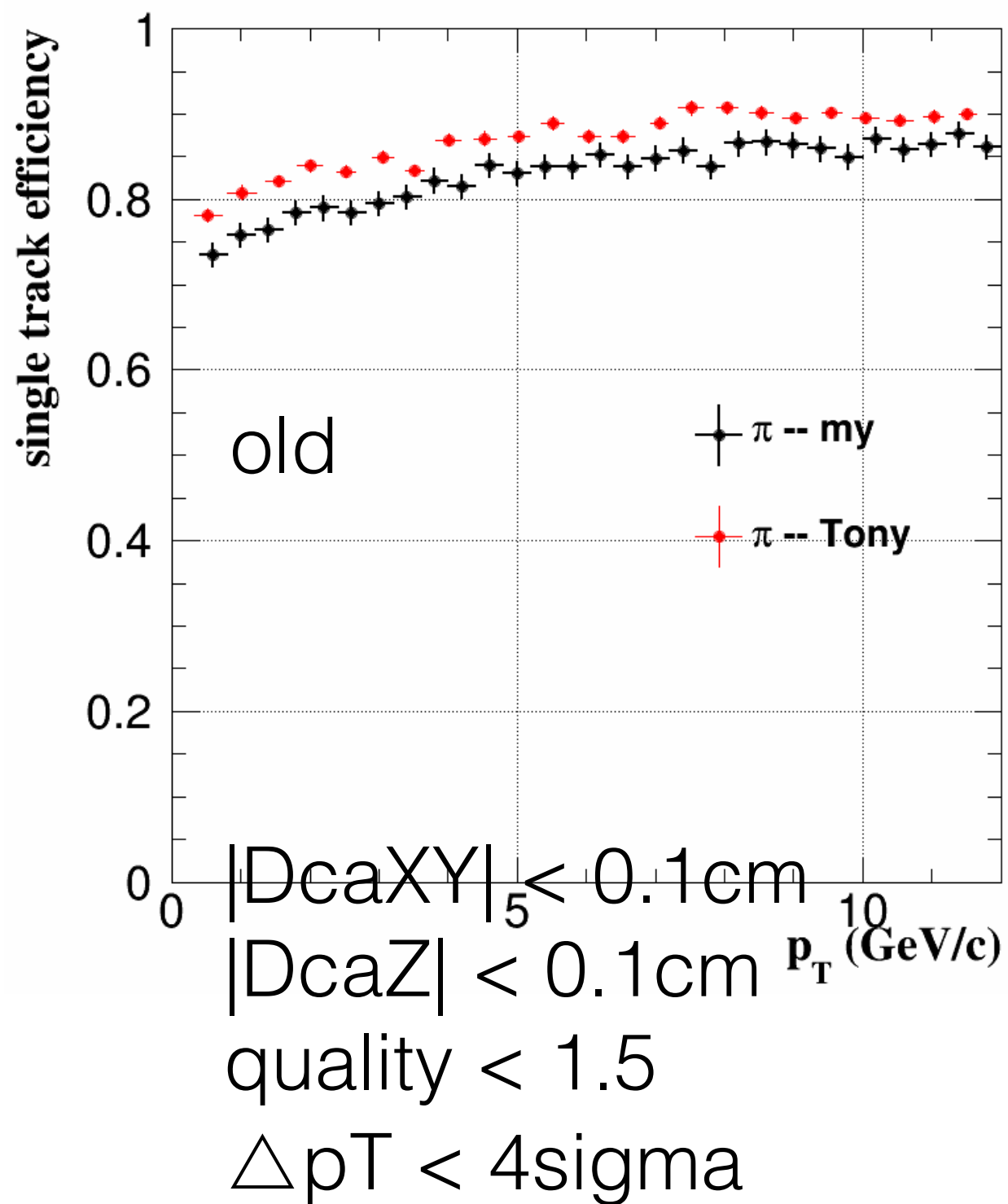


# Full G4 Simulation Check

*2/5/2017*

# Eff compare with Tony's



# DcaXY compare with Tony's

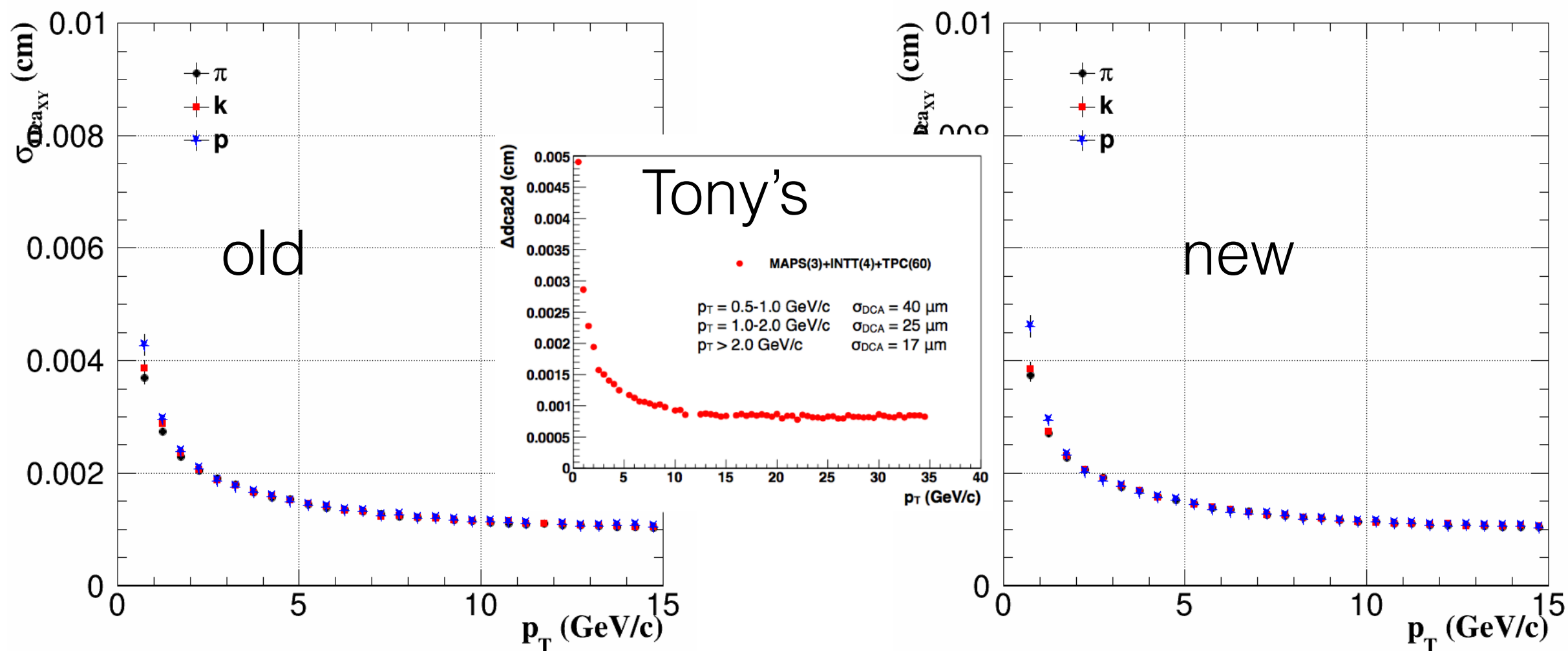
$|DcaXY| < 0.1\text{cm}$

$|DcaZ| < 0.1\text{cm}$

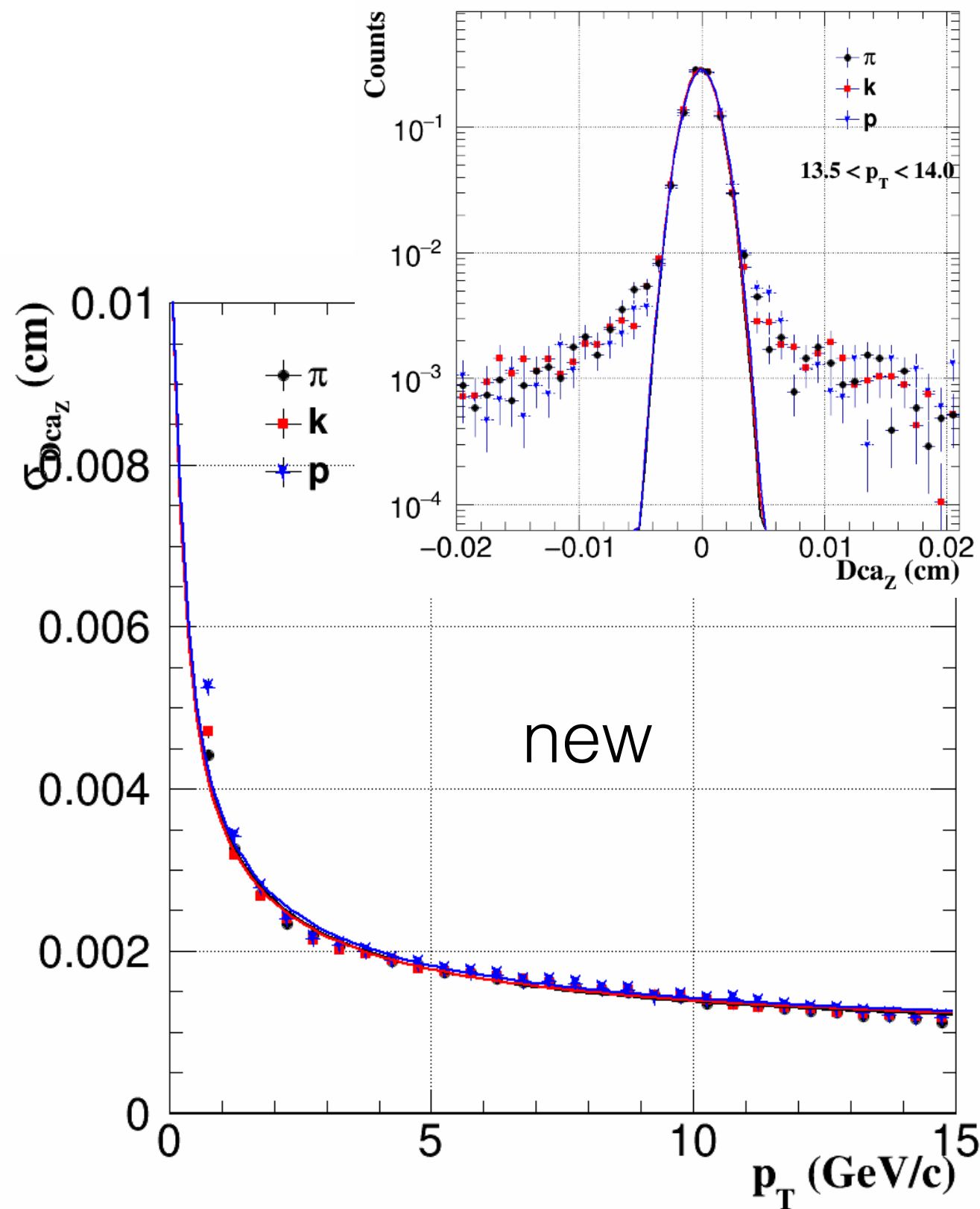
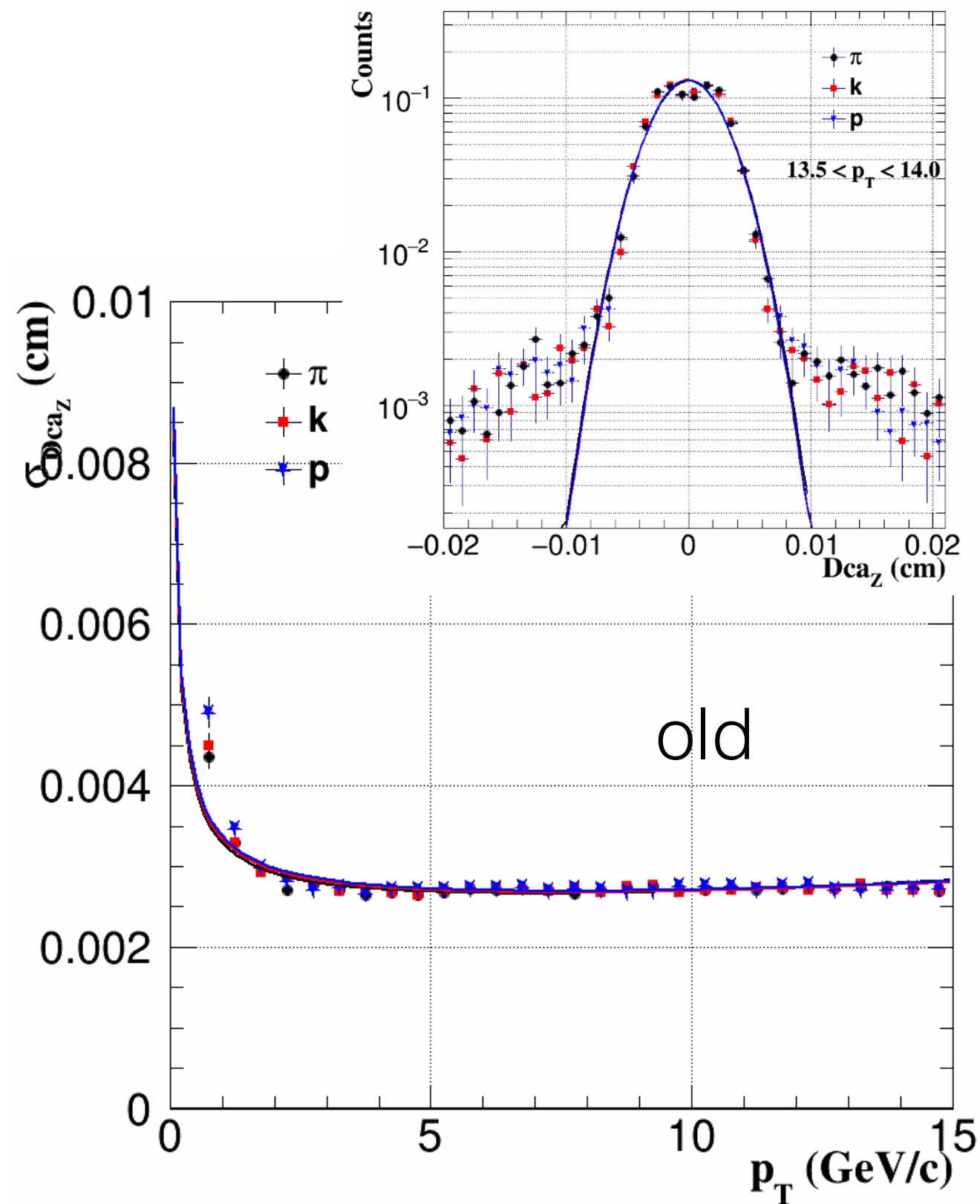
quality < 1.5

~~$\Delta p_T < 4\text{sigma}$~~

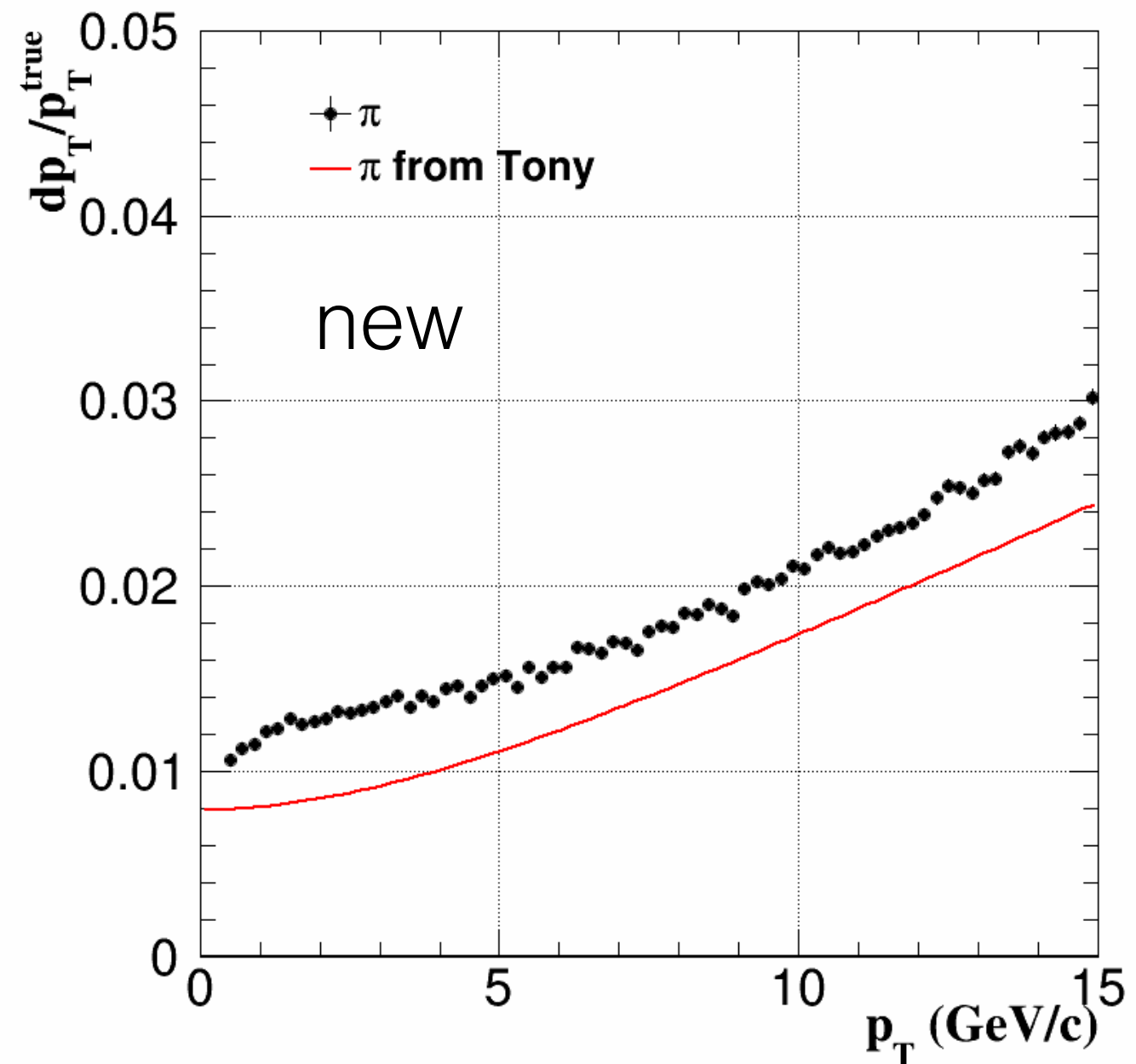
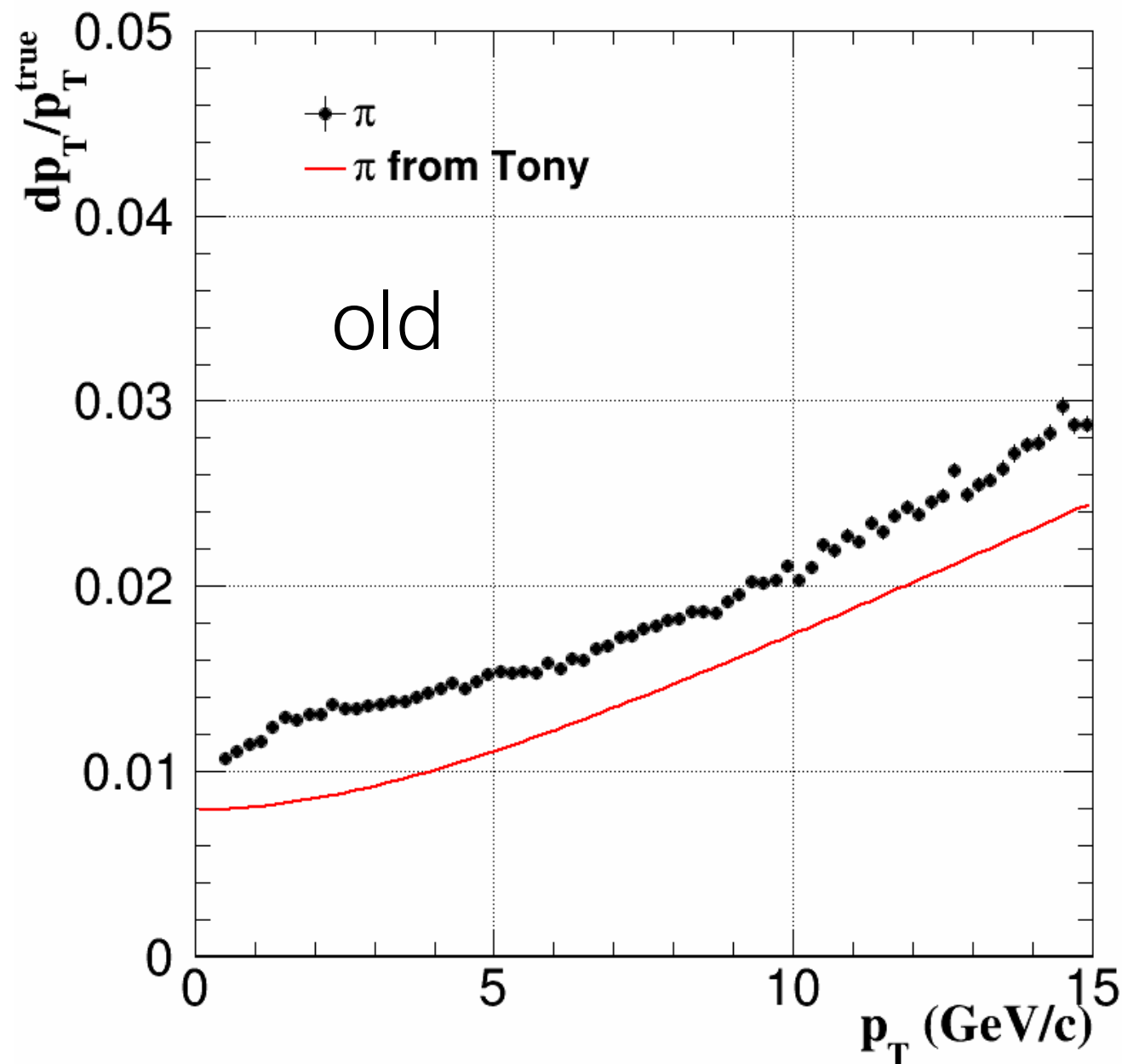
in high  $p_T$ , worse than Tony's



# DcaZ resolution



# Momentum resolution compare with Tony's



$|DcaXY| < 0.1\text{cm}$

$|DcaZ| < 0.1\text{cm}$

quality < 1.5

~~$\Delta p_T < 4\text{sigma}$~~