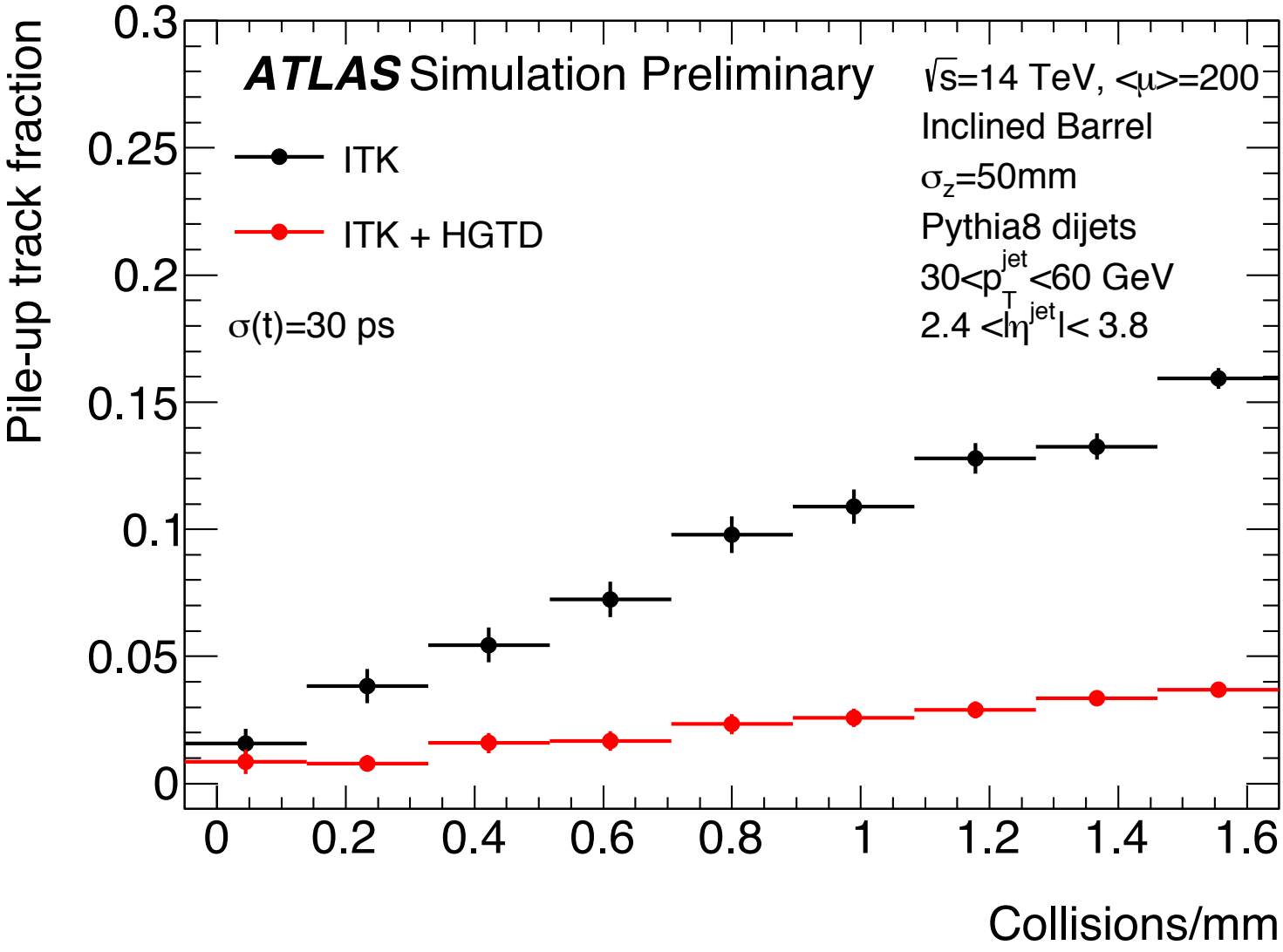
ATLAS Simulation Preliminary
√s=14 TeV, <μ>=200
Inclined Barrel
σz=50mm
Pythia8 dijets
30<pTjet<60 GeV
2.4 <|ηjet|< 3.8
ITK
ITK + HGTD
σ(t)=30 ps
Pile-up track fraction
Collisions/mm
0
0.05
0.1
0.15
0.2
0.25
0.3
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6