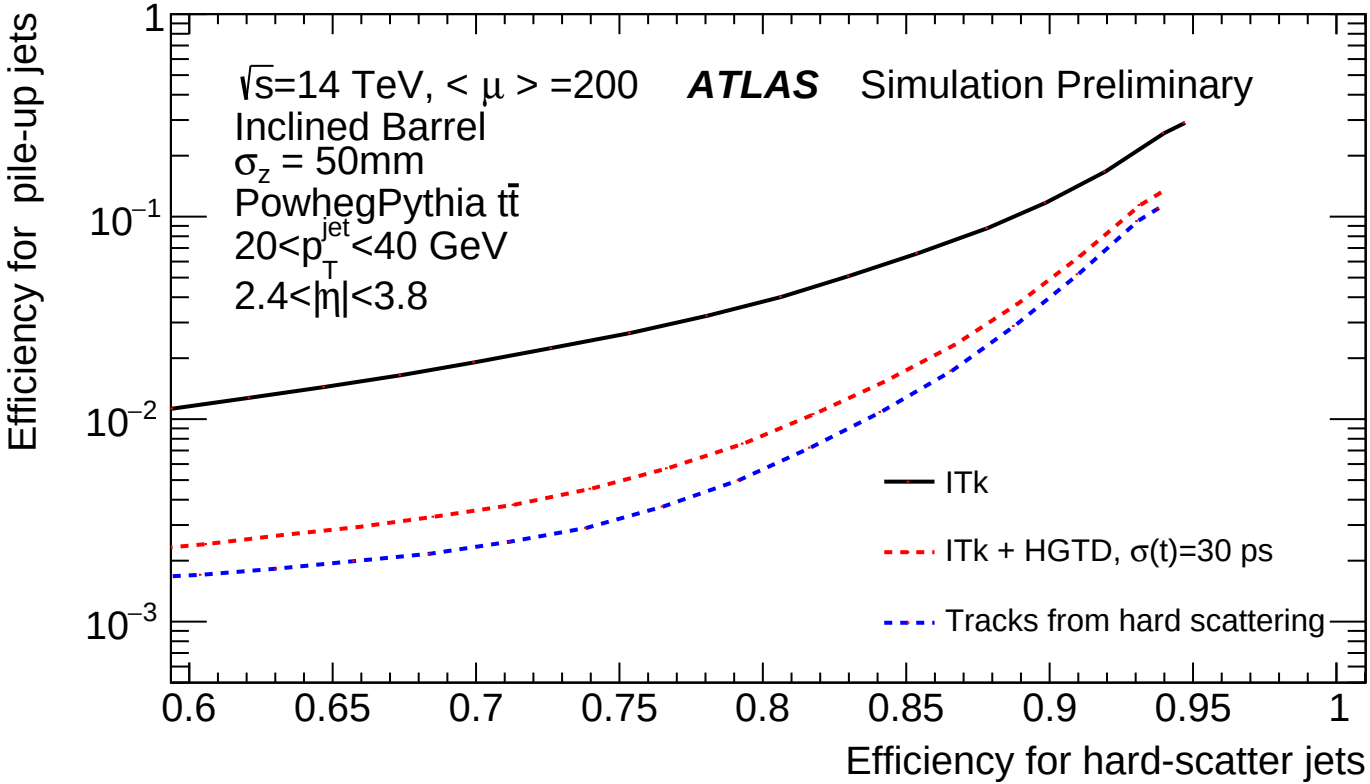
√s=14 TeV, < μ > =200
ATLAS Simulation Preliminary
Inclined Barrel
σz = 50mm
PowhegPythia tt̄
20<pTjet<40 GeV
2.4<|η|<3.8
ITk
ITk + HGTD, σ(t)=30 ps
Tracks from hard scattering
Efficiency for pile-up jets
Efficiency for hard-scatter jets
1
10−1
10−2
10−3
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1