

13000 GeV pp

Underlying Event

Mean charged-particle multiplicity density, trans-diff region

■ ATLAS

— Pythia 8.307 ppthermNoScat

 $\langle N_{\text{ch}} / \delta\eta \delta\phi \rangle$ 1.2
1
0.8
0.6
0.4
0.2
0

(ATLAS_2017_I1509919)

Rivet 4.1.0, 900k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2
1
0.50 10 20 30
 $p_{\text{T}}^{\text{lead}}$ {[GeV]}2
1
0.5