

13000 GeV pp

Underlying Event

Mean charged-particle multiplicity density, towards region

■ ATLAS

— Pythia 8.307 ppthermNoScat

 $\langle N_{\text{ch}} / \delta\eta \delta\phi \rangle$ 3.5
3
2.5
2
1.5
1
0.5
0Rivet 4.1.0, 700k events
mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2
1
0.52
1
0.5 $p_{\text{T}}^{\text{lead}} \text{ [GeV]}$

0

10

20

30