

13000 GeV pp

Underlying Event

Mean charged-particle multiplicity density, $p_T^{\text{lead}} > \{10 \text{ GeV}\}$

■ ATLAS

— Pythia 8.307 ppthermNoScat

 $\langle N_{\text{ch}} / \delta\eta \delta\phi \rangle$

5

4

3

2

1

0

Rivet 4.1.0, 900k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

2

1

1

0.5

0.5

 $|\Delta\phi|$ [degrees]