

13000 GeV pp

Underlying Event

Mean charged-particle multiplicity density,  $p_{\text{T}}^{\text{lead}} > \{1 \text{ GeV}\}$ 

■ ATLAS  
—▲ Pythia 8.315 default

Rivet 4.1.0, 2.3M events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2017\_I1509919)

Ratio to ATLAS

2

1

0.5

 $|\Delta\phi|$  [degrees]