

13000 GeV pp

Underlying Event

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

■ ATLAS
— Pythia 8.315 ropes

 $\langle N_{\text{ch}} / \delta\eta \delta\phi \rangle$ 5
4
3
2
1
0
2
1
0.5Rivet 4.1.0, 3.9M events
mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2017_I1509919)

Ratio to ATLAS

 $|\Delta\phi|$ [degrees]