

13000 GeV pp

Underlying Event

Mean charged-particle multiplicity density, transverse region

■ ATLAS
— Pythia 8.313 CP5

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

Rivet 4.1.0, 500k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

 $p_{\text{T}}^{\text{lead}} \{[\text{GeV}]\}$ 