

13000 GeV pp

Underlying Event

Mean charged-particle multiplicity density, trans-diff region

- ATLAS
- + Epos 1.99.crmc.1.5.7 lhc
- ▼ Herwig 7.2.1 softTune
- ▲ Pythia 8.315 default

 $\langle N_{\text{ch}} / \delta\eta \delta\phi \rangle$ Rivet 4.1.0, $\geq 700k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

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