

13000 GeV pp

Underlying Event

Mean charged-particle multiplicity density, trans-diff region

- ATLAS
- ▲ Pythia 6.423 a
- ▼ Pythia 6.423 dw
- Pythia 6.423 p0
- ☆ Pythia 6.423 pro-q2o

 $\langle N_{\text{ch}} / \delta\eta \delta\phi \rangle$ Rivet 4.1.0, $\geq 600\text{k}$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

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