

13000 GeV pp

Underlying Event

Mean charged-particle multiplicity density, transverse region

- ATLAS
- ▲ Pythia 8.315 default
- - ▼ Pythia 8.315 vincia-default

 $\langle N_{\text{ch}} / \delta\eta \delta\phi \rangle$ Rivet 4.1.0, $\geq 1.8\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

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

0 10 20 30