

13000 GeV pp

Underlying Event

Mean charged-particle multiplicity density, trans-diff region

- ATLAS
- - □ Herwig 7.1.3 default
- - ▲ Pythia 8.315 default

 $\langle N_{\text{ch}} / \delta\eta \delta\phi \rangle$ 1.2
1
0.8
0.6
0.4
0.2
0

(ATLAS_2017_I1509919)

Ratio to ATLAS

2
1
0.5 $p_{\text{T}}^{\text{lead}} \{[\text{GeV}]\}$ Rivet 4.1.0, $\geq 400\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

30

20

10

0