

13000 GeV pp

Underlying Event

Mean average transverse momentum, trans-max region

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.235 default
- - ◆ Sherpa 2.2.9 default

 $\# \langle \{ \text{mean} \} p_T \rangle \{ [\text{GeV}] \}$ Rivet 4.1.0, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

 $p_T^{\text{lead}} \{ [\text{GeV}] \}$ 