

13000 GeV pp

Underlying Event

 $\# \langle \{ \text{mean} \} \# p_T \rangle \{ [\text{GeV}] \}$

Mean average transverse momentum, towards region

- ATLAS
- Herwig++ 2.6.3 default
- Herwig 7.2.1 default
- ▲- Pythia 8.315 default

Rivet 4.1.0, $\geq 500k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

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