

13000 GeV pp

Underlying Event

 $\langle \{ \text{mean} \} p_T \# \} \{ \text{GeV} \}$

Mean average transverse momentum, away region

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ◇- Sherpa 1.2.3 default

Rivet 4.1.0, $\geq 200k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

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