

13000 GeV pp

Underlying Event

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

Mean average transverse momentum, towards region

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.0.0 default
- ▲- Pythia 8.244 default

Rivet 4.1.0,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2017\_I1509919)

Ratio to ATLAS

2

1

0.5

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