

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 7.0.4 default
- ▲- Herwig 7.0.4 UE-MMHT

Rivet 4.1.0, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

0.5

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