

13000 GeV pp

Underlying Event

Mean average transverse momentum, transverse region

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.0.0 default
- ▲- Pythia 8.235 default
- ◆- Sherpa 2.2.9 default

Rivet 4.1.0, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2017\_I1509919)

Ratio to ATLAS

2

1

0.5

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

2.5

2

1.5

1

0.5

0

2

1

0.5

0

10

20

30