

13000 GeV pp

Underlying Event

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

Mean average transverse momentum, away region

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.244 default
- ◆- Sherpa 2.2.9 default

Rivet 4.1.0, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

 $p_{\text{T}}^{\text{lead}} \text{ [GeV]}$

0 10 20 30

0

10

20

30