

13000 GeV pp

Underlying Event

Mean average transverse momentum, trans-max region

- ATLAS
- Herwig++ 2.6.3 default
- Herwig 7.2.1 default
- ▲ Pythia 8.315 default
- ▼ Pythia 8.315 vincia-default
- ◆ Sherpa 2.2.9 default

Rivet 4.1.0, ≥ 500k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

 $N_{ch} (\{\text{Trans-max}\})$ $\# \langle \{mean\} p_T \rangle \{[GeV]\}$ 