

13000 GeV pp

Underlying Event

Mean average transverse momentum, trans-max region

- ATLAS
- + Epos 1.99.crmc.1.5.7 lhc
- Herwig 7.2.1 default
- △ Pythia 6.428 370
- ▲ Pythia 8.315 default
- ◆ Sherpa 2.2.9 default

Rivet 4.1.0, ≥ 600k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

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