

13000 GeV pp

Underlying Event

Mean average transverse momentum, trans-min region

- ATLAS
- ▲ Pythia 8.315 default
- ▼ Pythia 8.315 tune-AU2
- ◇ Pythia 8.315 tune-AU2lox
- Pythia 8.315 tune-AU2loxx
- ★ Pythia 8.315 tune-AU2m

Rivet 4.1.0, ≥ 1.9M events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

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