

13000 GeV pp

Underlying Event

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

Mean average transverse momentum, trans-max region

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default

Rivet 4.1.0, $\geq 2.6\text{M}$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

 $N_{\text{ch}} (\{ \text{Trans-max} \})$

0

5

10

15

20