

13000 GeV pp

Underlying Event

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

Mean average transverse momentum, trans-max region

- ATLAS
- - ■ Pythia 6.426 default
- - ▲ Pythia 8.201 default

Rivet 4.1.0, $\geq 200\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

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

0

5

10

15

20