

13000 GeV pp

Underlying Event

Mean average transverse momentum, trans-max region

- ATLAS
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- . - . ■ - . Pythia 6.428 default
- ▲— Pythia 8.301 default

Rivet 4.1.0, ≥ 500k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2017\_I1509919)

Ratio to ATLAS

2

1

0.5

 $N_{ch}$  (Transverse) $\# \langle \{mean\} p_{T, \#} \rangle [GeV]$ 