

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 8.230 default

Rivet 4.1.0, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

 $N_{ch} (\{Trans-max\})$ $\# \langle \{mean\} p_T \rangle [\text{GeV}]$ 2.5
2
1.5
1
0.52
1
0.5