

13000 GeV pp

Underlying Event

Mean average transverse momentum, trans-min region

- ATLAS
- ▲ Pythia 8.240 default
- Pythia 8.240 tune-A14-MSTW2008LO
- - - Pythia 8.240 tune-A14-NNPDF2.3LO
- - - ▲ Pythia 8.240 tune-CUETP8S1

Rivet 4.1.0, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

 $N_{ch} (\{Trans-min\})$ 