

Underlying Event

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Mean average transverse momentum, trans-max region

- ATLAS
- ▲— Pythia 8.235 default
- Pythia 8.235 tune-A14-CTEQL1
- - - - - Pythia 8.235 tune-A14-MSTW2008LO
- Pythia 8.235 tune-A14-NNPDF2.3LO
- - ▲ - - Pythia 8.235 tune-CUETP8S1

Rivet 4.1.0, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

$$N_{ch} \text{ (Transverse)}$$