

13000 GeV pp

Underlying Event

Mean charged-particle multiplicity density, trans-diff region

- ATLAS
- △— Pythia 6.428 370
- -▲- - Pythia 6.428 371
- ·▼·- Pythia 6.428 372
- ·●·- Pythia 6.428 376

Rivet 4.1.0, ≥ 1.7M events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

 $p_T^{\text{lead}} \{[\text{GeV}]\}$ 