

13000 GeV pp

Underlying Event

Mean charged-particle multiplicity density, trans-diff region

- ATLAS
- - ■ Pythia 6.428 359
- - △ Pythia 6.428 370
- - ▲ Pythia 6.428 a
- - ▼ Pythia 6.428 dw
- - ○ Pythia 6.428 p0
- - ☆ Pythia 6.428 pro-q20

Rivet 4.1.0, ≥ 2.1M events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

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