

13000 GeV pp

Underlying Event

Mean charged-particle multiplicity density, $\rho_{\text{T}}^{\text{lead}} > \{10 \text{ GeV}\}$

- ATLAS
- Pythia 6.425 default
- ▲— Pythia 8.244 default

Rivet 4.1.0, $\geq 400\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2017_I1509919)

Ratio to ATLAS

 $|\Delta\phi| \text{ [degrees]}$ 