

13000 GeV pp

Underlying Event

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

- ATLAS
- △ Pythia 6.425 ambt1
- Pythia 6.425 z1
- Pythia 6.425 z2

Rivet 4.1.0, $\geq 200\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2017_I1509919)

Ratio to ATLAS

0.5

1

2

0.5

1

2

 $|\Delta\phi| \text{ [degrees]}$ $\# \langle N_{\text{ch}} / \delta\eta \delta\phi \rangle$ 