

13000 GeV pp

Underlying Event

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

- ATLAS
- Pythia 6.426 atlas-csc
- *-- Pythia 6.426 d6t
- Pythia 6.426 default
- ▼- Pythia 6.426 dw
- Pythia 6.426 p0

Rivet 4.1.0, $\geq 300k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

 $|\Delta\phi|$ [degrees]