

13000 GeV pp

Underlying Event

Mean charged-particle multiplicity density, $p_T^{\text{lead}} > \{1 \text{ GeV}\}$

- ATLAS
- △ Pythia 6.428 370
- -○ Pythia 6.428 atlas-csc
- -* Pythia 6.428 d6t
- -□ Pythia 6.428 default
- -▼ Pythia 6.428 dw
- -○ Pythia 6.428 p0

Rivet 4.1.0, ≥ 2.6M events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2017_I1509919)

Ratio to ATLAS

0.5

2

2

0.5

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