

13000 GeV pp

Underlying Event

Mean charged-particle multiplicity density, $p_{\text{lead}} > \{5 \text{ GeV}\}$

- ATLAS
- Pythia 6.428 390
- Pythia 6.428 391
- ◇ Pythia 6.428 392
- ★ Pythia 6.428 396
- ★ Pythia 6.428 397
- ▼ Pythia 6.428 398

Rivet 4.1.0, $\geq 1.9\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

 $|\Delta\phi|$ [degrees]