

13000 GeV pp

Underlying Event

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

- ATLAS
- Pythia 6.428 350
- △— Pythia 6.428 370
- △— Pythia 6.428 380
- Pythia 6.428 p0
- - □ - - Pythia 6.428 p2010

 $\langle N_{\text{ch}} / \delta\eta \delta\phi \rangle$ 5
4
3
2
1
0Rivet 4.1.0, $\geq 3.9\text{M}$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2
1
0.52
1
0.50 50 100 150 $|\Delta\phi|$ [degrees]