

13000 GeV pp

Underlying Event

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

- ATLAS
- Herwig++ 2.7.1 default
- Herwig++ 2.7.1 UE-EE-5
- Herwig 7.2.1 default

 $\langle N_{\text{ch}} / \delta\eta \delta\phi \rangle$ 5
4
3
2
1
0
2
1
0.5Rivet 4.1.0, $\geq 3.5\text{M}$ events
mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2017_I1509919)

Ratio to ATLAS

 $|\Delta\phi|$ [degrees]