

13000 GeV pp

Underlying Event

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

- ATLAS
- Herwig++ 2.4.2 default
- Herwig 7.2.1 default
- ▼- Herwig 7.2.1 softTune

Rivet 4.1.0,  $\geq 500\text{k}$  events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2017\_I1509919)

Ratio to ATLAS

 $|\Delta\phi|$  [degrees]