

13000 GeV pp

Underlying Event

Mean charged-particle multiplicity density,  $p_T^{\text{lead}} > \{10 \text{ GeV}\}$  $\# \langle N_{\text{ch}} / \delta\eta \delta\phi \rangle$ 

- ATLAS
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noFsr
- ▲ Pythia 8.315 default-noRap

Rivet 4.1.0,  $\geq 1.8\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2017\_I1509919)

Ratio to ATLAS

