

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 6.428 359
- △- Pythia 6.428 370
- ▲- Pythia 6.428 a
- ▼- Pythia 6.428 dw
- Pythia 6.428 p0
- ☆- Pythia 6.428 pro-q2o

Rivet 4.1.0,  $\geq 3M$  events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2017\_I1509919)

Ratio to ATLAS

