

13000 GeV pp

Underlying Event

Mean charged-particle multiplicity density, $p_T^{\text{lead}} > \{1 \text{ GeV}\}$ $\langle N_{\text{ch}} / \delta\eta \delta\phi \rangle$

- ATLAS
- ⊕ Epos 1.99.crmc.1.6.0 default
- ▲ Pythia 8.315 default

1.4

1.2

1

0.8

0.6

0.4

0.2

0

Rivet 4.1.0, $\geq 400\text{k}$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2

1

0.5

2

1

0.5

0 50 100 150

$|\Delta\phi|$ [degrees]

