

13000 GeV pp

Underlying Event

Mean charged-particle multiplicity density, $p_T^{\text{lead}} > \{5 \text{ GeV}\}$

■ ATLAS

—+— Epos 1.99.crmc.1.5.7 lhc

 $\# \langle N_{\text{ch}} / \delta\eta \delta\phi \rangle$ 3.5
3
2.5
2
1.5
1
0.5
0

Rivet 4.1.0, 1.1M events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2017_I1509919)

Ratio to ATLAS

2
1
0.52
1
0.5 $|\Delta\phi| \text{ [degrees]}$ 