

13000 GeV pp

Underlying Event

Mean charged-particle multiplicity density, towards region

■ 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

(ATLAS_2017_I1509919)

Rivet 4.1.0, 600k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

10

20

30

 $p_{\text{T}}^{\text{lead}} \{[\text{GeV}]\}$ 