

13000 GeV pp

Underlying Event

Mean charged-particle multiplicity density, towards region

■ ATLAS  
— Pythia 8.315 ropes

 $\langle N_{\text{ch}} / \delta\eta \delta\phi \rangle$ 3.5  
3  
2.5  
2  
1.5  
1  
0.5  
0Rivet 4.1.0, 3.9M events  
mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2017\_I1509919)

Ratio to ATLAS

2  
1  
0.52  
1  
0.5 $p_{\text{T}}^{\text{lead}} \text{ [GeV]}$ 

0

10

20

30