

Mean charged-particle multiplicity density, towards region

- ATLAS
- - - □ Pythia 6.423 default
- - - ▲ Pythia 8.315 default

 $\langle N_{\text{ch}} / \delta\eta \delta\phi \rangle$ 

3.5  
3  
2.5  
2  
1.5  
1  
0.5  
0

Rivet 4.1.0, ≥ 700k events  
mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2017\_I1509919)

Ratio to ATLAS

2  
1  
0.5

2  
1  
0.5

0 10 20 30  $p_{\text{T}}^{\text{lead}} \{[\text{GeV}]\}$

