

## Mean charged-particle multiplicity density, trans-diff region

- ATLAS
- Pythia 6.423 p0
- Pythia 6.423 p2010

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

1.4  
1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0

(ATLAS\_2017\_I1509919)

Rivet 4.1.0,  $\geq 600k$  events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2  
1  
0.5

2  
1  
0.5

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

