

$\langle p_T \rangle$  vs  $p_T^Z$  (ATLAS UE in Z production)

- ATLAS
- ▲ Pythia 8.308 default

 $\langle \text{sum } p_{T, \perp} / d\eta d\phi \rangle$  [GeV]25  
20  
15  
10  
5  
0Rivet 3.1.10, 3.3M events  
mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_I1736531

Ratio to ATLAS

2  
1  
0.52  
1  
0.50 200 400  $Z p_T$  [GeV]