

Average  $\Sigma(p_T)$  (ATLAS UE in Z production)

- ATLAS
- ▲ Pythia 8.308 default

 $\langle \text{sum } p_T / d\eta d\phi \rangle$  [GeV]2.5  
2.0  
1.5  
1.0  
0.5Rivet 3.1.10, 3.3M events  
mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_I1736531

Ratio to ATLAS

2  
1  
0.52  
1  
0.5

0

200

400

 $Z p_T$  [GeV]