

13000 GeV pp

Z+Jet

&lt;pT&gt; (ATLAS UE in Z production)

■ ATLAS  
—▲ Pythia 8.165 default

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_T [\text{GeV}]^{-1}$ 

2  
1.8  
1.6  
1.4  
1.2  
1  
0.8  
0.6  
0.4  
0.2  
0

ATLAS\_2019\_I1736531

Rivet 3.1.10, 400k events  
mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2  
1  
0.5

2  
1  
0.5

Mean  $p_T/d\eta d\phi$ 

1

2

3