

13000 GeV pp

Z+Jet

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

 $1/N_{\text{ch}} dN_{\text{ch}}/dp_T [\text{GeV}]$ 

■ ATLAS  
—▲ Pythia 8.183 default

Rivet 3.1.10, 400k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS 2019, 1736531

Ratio to ATLAS

2  
1  
0.5

2  
1  
0.5

 $p_T [\text{GeV}]$ 