

13000 GeV pp

Z+Jet

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

- ATLAS
- ▼ Herwig 7.2.1 softTune
- △ Pythia 6.428 370

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

3.5  
3  
2.5  
2  
1.5  
1  
0.5  
0

Rivet 3.1.10,  $\geq 2\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_I1736531

Ratio to ATLAS

0.5  
1  
2

2  
1  
0.5

 $p_T [\text{GeV}]$ 

1

2

3