

13000 GeV pp

Z+Jet

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

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.308 default

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_T [\text{GeV}]^{-1}$ 3  
2.5  
2  
1.5  
1  
0.5  
0Rivet 3.1.10,  $\geq 2.6\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS 2019 J1736531

Ratio to ATLAS

2  
1  
0.52  
1  
0.5Mean  $p_T/d\eta d\phi$ 

1

2

3