

13000 GeV pp

Z+Jet

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

- ATLAS
- ▲ Pythia 8.308 default
- ◆ Sherpa 1.2.3 default

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

3  
2.5  
2  
1.5  
1  
0.5  
0

Rivet 3.1.10, ≥ 500k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_04736531

Ratio to ATLAS

2  
1  
0.5

2  
1  
0.5

 $p_T [\text{GeV}]$ 