

13000 GeV pp

Z+Jet

 $p_{\text{T}}^{\text{Z}}$  (ATLAS Z+jets) $d\sigma/dp_{\text{T}}^{\text{Z}}$  [pb/GeV]

1  
 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$   
 $10^{-4}$   
 $10^{-5}$   
 $10^{-6}$   
 $10^{-7}$

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.315 default

(ATLAS\_2022\_I2077570)

Rivet 4.1.0,  $\geq 2.4\text{M}$  events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2  
1  
0.5

2  
1  
0.5 $p_{\text{T}}^{\text{Z}}$  [GeV]