

13000 GeV pp

Z+Jet

Nch (ATLAS UE in Z production)

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.308 default

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_T [\text{GeV}]^{-1}$ 1.2  
1  
0.8  
0.6  
0.4  
0.2  
0

ATLAS\_2019\_I1736531

Rivet 3.1.10,  $\geq 2.4\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

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

0

1

2

3

4