

13000 GeV pp

Z+Jet

Scalar  $\Sigma(p_T)$  (ATLAS UE in Z production)

- ATLAS
- Herwig 7.2.1 default
- ▲ Pythia 8.170 default
- ...◆ Sherpa 2.2.9 default

 $1/N_{\text{ev}} dN_{\text{ev}}/d\text{sum } p_T/d\eta d\phi \text{ [GeV]}^{-1}$ 7  
6  
5  
4  
3  
2  
1  
0

ATLAS\_2019\_I1736531

Rivet 3.1.10,  $\geq 500\text{k events}$ 

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2  
1  
0.52  
1  
0.5sum  $p_T/d\eta d\phi \text{ [GeV]}$ 

0

2

4

