

13000 GeV pp

Z (Drell-Yan)

Toward region,  $20 < p_T^Z < 40$  [GeV], inclusive

- ATLAS
- △ Herwig++ Powheg 2.7.1 default
- ◆ Sherpa 1.2.2p default

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_T [\text{GeV}]^{-1}$  $10$   
 $1$   
 $10^{-1}$   
 $10^{-2}$ 

(ATLAS\_2019\_I1736531)

Rivet 4.1.0,  $\geq 300\text{k}$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

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

1

2

3