

13000 GeV pp

Z (Drell-Yan)

<pT> (ATLAS UE in Z production)

- ATLAS
- - □ Herwig 7.2.1 default
- · · ◆ Sherpa 1.4.5 default

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_T [\text{GeV}]^{-1}$ Rivet 3.1.10, $\geq 300\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

ATLAS 2019_1736531

Ratio to ATLAS

0.5 1 2

0.5 1 2

Mean $p_T/d\eta d\phi$

1

2

3