

13000 GeV pp

Z (Drell-Yan)

<pT> vs  $p_T^Z$  (ATLAS UE in Z production)

- ATLAS
- Herwig 7.2.1 default
- MadGraph5 2.7.2.atlas3 lo
- ▲ Pythia 8.170 default
- ◆ Sherpa 2.2.9 default

Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_I1736531

Ratio to ATLAS

2

1

0.5

 $Z p_T$  [GeV]<mean  $p_T/d\eta d\phi$ > [GeV]6  
5  
4  
3  
2  
1  
0  
2  
1  
0.5

0

200

400