

13000 GeV pp

Z (Drell-Yan)

Transmax region,  $40 < p_T^Z < 60$  [GeV], inclusive

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.315 default

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_T [\text{GeV}]^{-1}$  $10^{-2}$   
 $10^{-1}$   
 $1$   
 $10$ Rivet 4.1.0,  $\geq 2.1\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2019\_I1736531)

Ratio to ATLAS

0.5  
1  
20.5  
1  
2Mean  $p_T/d\eta d\phi$ 3  
2  
1