

13000 GeV pp

Z (Drell-Yan)

CMS, 13 TeV,  $\{Z\gamma^* \rightarrow \#ell^+ \#ell^-, 350 < m_{\#ell\#ell} < 1000 \text{ GeV}$

- CMS
- Herwig++ 2.7.1 default
- △- Herwig++ Powheg 2.7.1 default
- ▽- Herwig++ Powheg 2.7.1 LHC-UE-EE-4
- Herwig 7.2.1 default

Ratio  $\rightarrow$  Z peak region

$10^{-1}$   
 $10^{-2}$   
 $10^{-3}$   
 $10^{-4}$

Rivet 4.1.0,  $\geq 3.6\text{M}$  events  
mcplots.cern.ch [arXiv:2401.10621]

(CMS\_2022\_I2079374)

Ratio to CMS

2  
1  
0.5

2  
1  
0.5

$p_{T}(\#ell\#ell)$  [GeV]

0 500 1000

