

13000 GeV pp

Z (Drell-Yan)

CMS, 13 TeV,  $\{Z\gamma \rightarrow \ell\ell^* \ell\ell, 106 < m_{\ell\ell} < 170 \text{ GeV}$ 

- CMS
- Herwig 7.2.1 default
- ...♦... Sherpa 1.4.5 default

Ratio  $\rightarrow$  Z peak region0.06  
0.05  
0.04  
0.03  
0.02  
0.01Rivet 4.1.0,  $\geq 300k$  events

mcplots.cern.ch [arXiv:2401.10621]

(CMS\_2022\_I2079374)

Ratio to CMS

2  
1  
0.52  
1  
0.5 $\phi_{\eta}^*$ 