

13000 GeV pp

Z (Drell-Yan)

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

■ CMS  
- - ■ Pythia 6.425 default

Ratio  $\rightarrow$  Z peak region0.06  
0.05  
0.04  
0.03  
0.02  
0.01

Rivet 4.1.0, 500k events

mcplots.cern.ch [arXiv:1306.3436]

(CMS\_2022\_I2079374)

Ratio to CMS

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