

13000 GeV pp

Z (Drell-Yan)

CMS, 13 TeV,  $\{Z\gamma \rightarrow \#e\ell^+ \#e\ell^-, 106 < m_{\#e\ell\#e\ell} < 170 \text{ GeV}$

■ CMS  
▲ Pythia 8.315 default

Ratio  $\rightarrow$  Z peak region

0.1  
0.08  
0.06  
0.04  
0.02

(CMS\_2022\_I2079374)

Ratio to CMS

3  
2  
1  
0.5

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

Rivet 4.1.0, 3.9M events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5