

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 qcdcr0qq1

Ratio \rightarrow Z peak region

0.12
0.10
0.08
0.06
0.04
0.02
0

3
2
1
0.5

Rivet 4.1.0, 5M events
mcplots.cern.ch [arXiv:2401.10621]

(CMS_2022_I2079374)

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

