

13000 GeV pp

Z (Drell-Yan)

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

■ CMS
— Pythia 8.315 ropes

Ratio \rightarrow Z peak region

10^{-2}

10^{-3}

10^{-4}

(CMS_2022_I2079374)

Rivet 4.1.0, 4M events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CMS

2

1

0.5

2

1

0.5

0

500

1000

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

