

13000 GeV pp

Z (Drell-Yan)

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

- CMS
- ▲ Pythia 8.315 default
- Pythia 8.315 tune-2c
- Pythia 8.315 tune-2m

Ratio \rightarrow Z peak region

10^{-2}

10^{-3}

10^{-4}

(CMS_2022_I2079374)

Rivet 4.1.0, $\geq 3.6\text{M}$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CMS

2

1

0.5

2

1

0.5

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

