

13000 GeV pp

Z (Drell-Yan)

CMS, 13 TeV, $\{Z\gamma \rightarrow \ell\ell^* \ell\ell, 170 < m_{\ell\ell} < 350 \text{ GeV}$

- CMS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z1
- Pythia 6.428 z2

Ratio $\rightarrow$ Z peak region 10^{-1} 10^{-2} 10^{-3}

(CMS_2022_I2079374)

Rivet 4.1.0, $\geq 2.1\text{M events}$

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

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