

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 6.428 350
- △— Pythia 6.428 370
- △— Pythia 6.428 380
- Pythia 6.428 p0
- - □ - - Pythia 6.428 p2010

Ratio $\rightarrow$ Z peak region

0.05

0.04

0.03

0.02

0.01

0

2

1

0.5

(CMS_2022_I2079374)

500

1000

 $p_T(\ell\ell) [\text{GeV}]$ Rivet 4.1.0, $\geq 2.1\text{M}$ events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5