

13000 GeV pp

Z (Drell-Yan)

CMS, 13 TeV, $\{Z\gamma^* \rightarrow \ell\ell^+ \ell\ell^-, 106 < m_{\ell\ell} < 170 \text{ GeV}$

- CMS
- Pythia 6.425 atlas-csc
- *-- Pythia 6.425 d6t
- Pythia 6.425 default
- ▼-- Pythia 6.425 dw
- Pythia 6.425 p0

Ratio $\rightarrow$ Z peak region

0.07

0.06

0.05

0.04

0.03

0.02

0.01

(CMS_2022_I2079374)

Rivet 4.1.0, $\geq 400k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CMS

3

2

1

0.5

2

1

0.5

 ϕ_η^*