

13000 GeV pp

Z (Drell-Yan)

 $\phi_{\eta}^*$  (II) (CMS Z production)Rivet 4.1.0,  $\geq 1.6$ M events

mcplots.cern.ch [arXiv:1306.3436]

(CMS\_2019\_I1753680)

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

Ratio to CMS

20

40

2

1

0.5