

13000 GeV pp

Z (Drell-Yan)

 $z.pt_{\text{norm}}$ (CMS Z production)Rivet 4.1.0, $\geq 1.7\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

- CMS
- ▲— Pythia 8.315 default
- ▲— Pythia 8.315 default-noFsr
- ▲— Pythia 8.315 default-noRap

(CMS_2019_I1753680)

Ratio to CMS

0.5

1

2

0.5

1

2

0

500

1000

1500