

13000 GeV pp

Z (Drell-Yan)

 $p_{\top}^{\parallel}$ (CMS Z production)

- CMS
- △ Herwig++ Powheg 2.7.1 default
- ◆ Sherpa 1.4.5 default

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2019-04-15 53680

Ratio to CMS

2

1

0.5

 $p_{\top}^Z$ [GeV]

1

10

 10^2 10^3 