

13000 GeV pp

Z (Drell-Yan)

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

- CMS
- △ Herwig++ Powheg 2.7.1 default
- Herwig 7.2.1 default
- ▲ Pythia 8.212 default
- ◆ Sherpa 2.2.9 default

Rivet 3.1.10, ≥ 400k events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2019_05.753680

Ratio to CMS

2

1

0.5

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