

13000 GeV pp

Z (Drell-Yan)

 $p_{\perp}^{\parallel}$ (CMS Z production) $d\sigma/dp_{\perp}^Z$ [pb/GeV]

- CMS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.308 default

Rivet 3.1.10, ≥ 2.6 M events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2019_14-253680

Ratio to CMS

2
1
0.52
1
0.5

1

10

 10^2 $p_{\perp}^Z$ [GeV] 10^3 