

13000 GeV pp

Z (Drell-Yan)

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

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

Rivet 3.1.10, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2019_T13680

Ratio to CMS

2

1

0.5

 p_{T}^{Z} [GeV]

1

10

 10^2 10^3 $d\sigma/dp_{\text{T}}^{\text{Z}}$ [pb/GeV]90
80
70
60
50
40
30
20
10
0

2

1

0.5