

13000 GeV pp

Z (Drell-Yan)

 $p_T^{\parallel}$ (CMS Z production)

■ CMS

---○--- Herwig++ 2.6.1a default

---△--- Herwig++ Powheg 2.7.1 default

---▽--- Herwig++ Powheg 2.7.1 LHC-UE-EE-4

---□--- Herwig 7.2.1 default

CMS_2019_12753680

Rivet 3.1.10, ≥ 400k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

 p_T^Z [GeV]

1

10

 10^2 10^3 