

13000 GeV pp

Z (Drell-Yan)

Transmax region (low thrust)

■ ATLAS

---○--- Herwig++ 2.7.1 default

-·-·-△-·-·- Herwig++ Powheg 2.7.1 default

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

-·-·-□-·-·- Herwig 7.2.1 default

Rivet 4.1.0, ≥ 2.4M events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2019_I1736531)

Ratio to ATLAS

2

1

0.5

 $Z p_T$ [GeV] $\langle \text{mean } p_T / d\eta d\phi \rangle$ [GeV]

10

8

6

4

2

0

2

1

0.5

0

200

400