

13000 GeV pp

Z (Drell-Yan)

Scalar $\Sigma(p_T)$ (ATLAS UE in Z production)

10

1

 10^{-1} 10^{-2} 10^{-3} 10^{-4}

- ATLAS
- Herwig++ 2.7.1 default
- Herwig++ 2.7.1 UE-EE-5
- Herwig 7.2.1 default

(ATLAS_2019_I1736531)

Rivet 4.1.0, ≥ 2 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

2

1

1

0.5

0.5

0

2

4