

13000 GeV pp

Z (Drell-Yan)

<pT> (ATLAS UE in Z production)

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default

Rivet 3.1.10, ≥ 2.9M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

2

1

0.5

 $N_{ch}/d\eta d\phi$ $1/N_{ev} dN_{ev}/dN_{ch}/d\eta d\phi$ 1.4
1.2
1
0.8
0.6
0.4
0.2
0

2

1

0.5

1

2

3