

13000 GeV pp

Z (Drell-Yan)

 p_T spectrum (ATLAS UE in Z production)

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

 $1/N_{ev} dN_{ev}/dN_{ch}/d\eta d\phi$ 8
7
6
5
4
3
2
1
0Rivet 3.1.10, ≥ 300k events
mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

2
1
0.52
1
0.5

0

2

4

 $N_{ch}/d\eta d\phi$ 