

13000 GeV pp

Z (Drell-Yan)

 p_T spectrum (ATLAS UE in Z production)

- ATLAS
- Herwig 7.2.1 default
- ▲-- Pythia 8.170 default
- ◆-- Sherpa 1.3.1 default

ATLAS_2019_I1736531

Rivet 3.1.10, ≥ 400k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

 $N_{ch}/d\eta d\phi$ $1/N_{ev} dN_{ev}/dN_{ch}/d\eta d\phi$

8
7
6
5
4
3
2
1
0
2
1
0.5

0

2

4