

13000 GeV pp

Z (Drell-Yan)

 p_T spectrum (ATLAS UE in Z production)

- ATLAS
- MadGraph5 2.7.2.atlas3 lo
- ◆ Sherpa 2.2.9 default

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

3

2.5

2

1.5

1

0.5

0

Rivet 3.1.10, $\geq 2.4M$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

2

4

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