

13000 GeV pp

Z (Drell-Yan)

 p_T spectrum (ATLAS UE in Z production)

- ATLAS
- ▲ Pythia 8.308 default
- ◆ Sherpa 1.4.5 default

 $1/N_{ch} dN_{ch}/dp_T$ [GeV]

2.5

2

1.5

1

0.5

0

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

2

4

 p_T [GeV]

ATLAS 2019-11-36531