

13000 GeV pp

Z (Drell-Yan)

 p_T spectrum (ATLAS UE in Z production) $1/N_{\text{ch}} dN_{\text{ch}}/dp_T$ [GeV]

- ATLAS
- - □ Herwig 7.2.1 default
- ... ♦ Sherpa 2.2.9 default

Rivet 3.1.10, $\geq 2.6\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS: 2019_I1736531

Ratio to ATLAS

0.5

2

3

4

5

6

7

8

9

10

11

12

13

14

15

0

2

4

 p_T [GeV]

0.5

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

