

13000 GeV pp

Z (Drell-Yan)

Scalar $\Sigma(p_T)$ (ATLAS UE in Z production)

- ATLAS
--□-- Herwig 7.2.1 default

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

3

2.5

2

1.5

1

0.5

0

ATLAS_2019_I1736531

Ratio to ATLAS

2

1

0.5

0

2

4

 p_T [GeV]

Rivet 3.1.10, 2.9M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5