

13000 GeV pp

Z+Jet

<pT> (ATLAS UE in Z production)

- ATLAS
- - □ Herwig 7.1.3 default
- - ◆ Sherpa 2.2.0 default

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_T [\text{GeV}]^{-1}$

2.5

2

1.5

1

0.5

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

1

2

3

Mean $p_T/d\eta d\phi$

Ratio to ATLAS

2

1

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

2

1

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

0.5

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.10, ≥ 300k events

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