

13000 GeV pp

Z+Jet

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

- ATLAS
- ◆ Sherpa 2.2.9 default

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

2.5

2

1.5

1

0.5

0

Ratio to ATLAS

2

1

0.5

0

2

4

 $p_T [\text{GeV}]$ 

Rivet 3.1.10, 3M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0

2

4

 $p_T [\text{GeV}]$ 