

13000 GeV pp

Z (Drell-Yan)

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

- ATLAS
- △ Herwig++ Powheg 2.5.2 default
- ◆ Sherpa 2.2.9 default

Rivet 3.1.10, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

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

Ratio to ATLAS

0.5

2

1

4

6

8

10

12

14

0

2

4

sum $p_T/d\eta d\phi$ [GeV]

0.5

1

2

