

13000 GeV pp

Z (Drell-Yan)

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

- ATLAS
- MadGraph5 2.7.2.atlas3 lo
- ◆ Sherpa 2.2.9 default

 $1/N_{ev} dN_{ev}/d\text{sum } p_T/d\eta d\phi [\text{GeV}]^{-1}$ Rivet 3.1.10, $\geq 2.4\text{M events}$

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

2

1

1

0.5

0.5

sum $p_T/d\eta d\phi [\text{GeV}]$ 