

13000 GeV pp

Z (Drell-Yan)

Transverse region, $40 < p_T^Z < 60$ [GeV], inclusive

■ ATLAS

---△ Herwig++ Powheg 2.7.1 default

---◆ Sherpa 2.2.4 default

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_T [\text{GeV}]^{-1}$ 10
1
 10^{-1}
 10^{-2} Rivet 4.1.0, $\geq 400\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1736531)

Ratio to ATLAS

2
1
0.52
1
0.5Mean $p_T/d\eta d\phi$

3

1

2