

13000 GeV pp

Z (Drell-Yan)

 $\langle p_T \rangle$  (ATLAS UE in Z production) $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_T [\text{GeV}]^{-1}$  $10^{-1}$  $10^{-2}$ 

■ ATLAS

(ATLAS\_2019\_I1736531)

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

1

2

3

Mean  $p_T/d\eta d\phi$ 