

13000 GeV pp

Z (Drell-Yan)

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

ATLAS

 $1/N_{\text{ev}} dN_{\text{ev}}/d\text{sum } p_T/d\eta d\phi \text{ [GeV]}^{-1}$ 10^{-2}

1

Ratio to ATLAS

2

1

0.5

(ATLAS_2019_I1736531)

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

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5