

13000 GeV pp

Z (Drell-Yan)

&lt;pT&gt; (ATLAS UE in Z production)

■ ATLAS  
—▲ Pythia 8.170 default

 $1/N_{\text{ch}} dN_{\text{ch}}/dp_T [\text{GeV}]$ 

Rivet 3.1.10, 400k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_01736531

Ratio to ATLAS

 $p_T [\text{GeV}]$ 