

13000 GeV pp

Z (Drell-Yan)

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

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

■ ATLAS  
▲ Pythia 8.308 default  
▼ Pythia 8.308 vincia-default

Rivet 3.1.10, ≥ 2.6M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS 2019, I1736531

Ratio to ATLAS

