

13000 GeV pp

Z+Jet

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

- ATLAS
- △ Pythia 6.428 370
- -■ Pythia 6.428 default

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_T [\text{GeV}]^{-1}$ 

2.5  
2  
1.5  
1  
0.5  
0

Rivet 3.1.10, ≥ 2M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_I1736591

Ratio to ATLAS

2  
1  
0.5

2  
1  
0.5

Mean  $p_T/d\eta d\phi$ 

1

2

3