

13000 GeV pp

Z+Jet

 $\langle p_T \rangle$ (ATLAS UE in Z production)

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

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

4
3.5
3
2.5
2
1.5
1
0.5
0

Rivet 3.1.10, $\geq 2.6\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_0736531

Ratio to ATLAS

2
1
0.5

2
1
0.5

 $p_T [\text{GeV}]$

1

2

3