

13000 GeV pp

Z+Jet

<pT> (ATLAS UE in Z production)

- ATLAS
- ▲ Pythia 8.183 default
- ▲ Pythia 8.183 default-noCR

 $1/N_{\text{ch}} dN_{\text{ch}}/dp_T [\text{GeV}]$ 4.5
4
3.5
3
2.5
2
1.5
1
0.5
0

Rivet 3.1.10, ≥ 200k events

mcplots.cern.ch [arXiv:1306.3436]

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Ratio to ATLAS

2
1
0.52
1
0.5 $p_T [\text{GeV}]$

1

2

3