

13000 GeV pp

Z+Jet

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

- ATLAS
- ▲ Pythia 8.201 default
- ▲ Pythia 8.201 default-noCR

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_T [\text{GeV}]^{-1}$ 4.5
4
3.5
3
2.5
2
1.5
1
0.5
0Rivet 3.1.10, $\geq 400\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS 2019 J1736531

Ratio to ATLAS

2
1
0.52
1
0.5Mean $p_T/d\eta d\phi$

1

2

3