

13000 GeV pp

Z+Jet

Transmax region, $60 < p_T^Z < 80$ [GeV], inclusive

- ATLAS
- - ■ Pythia 6.425 default
- - ▲ Pythia 8.315 default

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_T$ [GeV]⁻¹ 10^{-2}
 10^{-1}
1
10

Rivet 4.1.0, ≥ 500k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2019_I1736531)

Ratio to ATLAS

0.5
1
20.5
1
2Mean $p_T/d\eta d\phi$

3

2

1