

13000 GeV pp

Z+Jet

Transmax region, $80 < p_T^Z < 120$ [GeV], low thrust

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

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_T [\text{GeV}]^{-1}$ Rivet 4.1.0, $\geq 500k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2019_I1736531)

Ratio to ATLAS

2

1

0.5

Mean $p_T/d\eta d\phi$

1

2

3