

13000 GeV pp

Z+Jet

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

- ATLAS
- △ Pythia 6.427 370
- -□ Pythia 6.427 default
- ...☆ Pythia 6.427 pro-q2o

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_T$ [GeV]⁻¹10
1
10⁻¹
10⁻²

Rivet 4.1.0, ≥ 400k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2019_I1736531)

Ratio to ATLAS

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

3

1

2