13000 GeV pp

Z+Jet

$Z \rightarrow \text{#ell}^+ \text{#ell}^-$, dressed level

Rivet 4.1.0, ≥ 100k events

$d\sigma/dp_T^{jet}$ [pb/GeV]

ATLAS
Pythia 8.315 default
Pythia 8.315 default-CD
Pythia 8.315 default-DL
Pythia 8.315 default-MBR

(ATLAS_2017_I1514251)

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

p_T^{jet} (leading jet, ≥ 3 jet) [GeV]