13000 GeV pp   Z+Jet

Transmax region, $200 < p_T^Z < 500$ [GeV], low thrust

■ ATLAS
▲ Pythia 8.315 default
— Pythia 8.315 tune-A14-CTEQL1
--- Pythia 8.315 tune-A14-MSTW2008LO
··· Pythia 8.315 tune-A14-NNPDF2.3LO
△ Pythia 8.315 tune-CUETP8S1

$1/N_{ev} \, dN_{ev}/d\eta \, dN_{ch}/d\eta \, d\phi$

Ratio to ATLAS

$N_{ch}/d\eta \, d\phi$

(ATLAS_2019_I1736531)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]