

13000 GeV pp

Z+Jet

Nch (ATLAS UE in Z production)

■ ATLAS
▲ Pythia 8.212 default

Rivet 3.1.10, 500k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

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