

13000 GeV pp

Z+Jet

Nch (ATLAS UE in Z production)

■ ATLAS
—▲ Pythia 8.170 default

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_T [\text{GeV}]^{-1}$

0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0

Rivet 3.1.10, 300k events
mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

