

13000 GeV pp

Z+Jet

Nch (ATLAS UE in Z production)

- ATLAS
- ▲ Pythia 8.308 default
- - * Pythia 8.308 tune-4c
- - □ Pythia 8.308 tune-4cx

 $1/N_{\text{ev}} dN_{\text{ev}}/d\text{sum } p_{\text{T}} d\eta d\phi [\text{GeV}]^{-1}$ 1
0.8
0.6
0.4
0.2
0

ATLAS_2019_I1736531

Rivet 3.1.10, $\geq 2.4\text{M}$ events
mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2
1
0.52
1
0.5sum $p_{\text{T}}/d\eta d\phi [\text{GeV}]$

0 1 2 3 4

