

13000 GeV pp

Z+Jet

Nch (ATLAS UE in Z production)

- ATLAS
—▼ Herwig 7.2.1 softTune
—△ Pythia 6.428 370

 $1/N_{\text{ev}} dN_{\text{ev}}/d\text{sum } p_{\text{T}} d\phi \text{ [GeV]}^{-1}$

1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0

Rivet 3.1.10, ≥ 2.9M events
mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_0736531

Ratio to ATLAS

2
1
0.5

2
1
0.5

sum $p_{\text{T}}/d\eta d\phi$ [GeV]