

13000 GeV pp

Z+Jet

Nch (ATLAS UE in Z production)

- ATLAS
--○-- Herwig++ 2.5.0 default
--□-- Herwig 7.2.1 default

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_{\text{T}} [\text{GeV}]^{-1}$ Rivet 3.1.10, $\geq 400\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_1136531

Ratio to ATLAS

2

1

0.5

Mean $p_{\text{T}}/d\eta d\phi$ 