

13000 GeV pp

Z+Jet

&lt;pT&gt; (ATLAS UE in Z production)

- ATLAS
- \* Pythia 6.424 d6t
- Pythia 6.424 default
- ▼ Pythia 6.424 dw
- Pythia 6.424 p0

Rivet 3.1.10, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2019\_I1736531

Ratio to ATLAS

2

1

0.5

 $N_{ch}/d\eta d\phi$  $1/N_{ev} dN_{ev}/dN_{ch}/d\eta d\phi$ 