

13000 GeV pp

Z+Jet

Scalar $\Sigma(p_T)$ (ATLAS UE in Z production)

- ATLAS
- - □ - - Pythia 6.428 391
- - + - - Pythia 6.428 393
- - ● - - Pythia 6.428 394
- - ▼ - - Pythia 6.428 395

Rivet 4.1.0, ≥ 2 M events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1736531)

Ratio to ATLAS

1

 10^{-1} 10^{-2} 10^{-3}

2

1

0.5

2

1

0.5

0

2

4

