

13000 GeV pp

Z+Jet

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

- ATLAS
- △— Pythia 6.428 370
- -□- - Pythia 6.428 391
- -■- - Pythia 6.428 default
- -☆- - Pythia 6.428 pro-m2o

1

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

2

1

0.5

(ATLAS_2019_I1736531)

Ratio to ATLAS

Rivet 4.1.0, ≥ 1.9M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0

2

4