

13000 GeV pp

Z+Jet

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

10

1

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

- ATLAS
- △— Pythia 6.428 370
- -□- - Pythia 6.428 391
- -■- - Pythia 6.428 default
- -☆- - Pythia 6.428 pro-q2o

(ATLAS_2019_I1736531)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

2

4