

13000 GeV pp

Z+Jet

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

0.12

0.1

0.08

0.06

0.04

0.02

0

- 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, ≥ 2 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

2

4