

13000 GeV pp

Z+Jet

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

- ATLAS
- △— Pythia 6.428 370
- -○- - Pythia 6.428 atlas-csc
- - * - - Pythia 6.428 d6t
- - □ - - Pythia 6.428 default
- - ▼ - - Pythia 6.428 dw
- - ○ - - Pythia 6.428 p0

1

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

2

1

0.5

0

2

4

Ratio to ATLAS

(ATLAS_2019_I1736531)

Rivet 4.1.0, ≥ 1.5M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0

2

4