

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



Herwig 7.2.1 softTune



Pythia 6.428 370



Pythia 8.315 default

(ATLAS_2019_I1736531)

Rivet 4.1.0, ≥ 2.2 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

2

4