

13000 GeV pp

Z+Jet

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

- ATLAS
- ▲ Pythia 8.315 default
- ▼ Pythia 8.315 tune-AU2
- ◇ Pythia 8.315 tune-AU2lox
- Pythia 8.315 tune-AU2loxx
- ★ Pythia 8.315 tune-AU2m

Rivet 4.1.0,  $\geq 2$ M events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2019\_I1736531)

Ratio to ATLAS

