

7000 GeV pp

Underlying Event

 $\sum E_T$  for the dijet selection,  $3.2 < \eta < 4.0$ 

- 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

1

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

(ATLAS\_2012\_I1183818)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

5

10

15

20