

7000 GeV pp

Underlying Event

 $\sum E_T$ for the dijet selection, $4.0 < \eta < 4.8$

- ATLAS
- △— Pythia 6.427 370
- -○- - Pythia 6.427 atlas-csc
- - * - - Pythia 6.427 d6t
- - ■ - - Pythia 6.427 default
- - ▼ - - Pythia 6.427 dw
- - ○ - - Pythia 6.427 p0

1

10^{-1}

10^{-2}

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2012_I1183818)

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

5

10

15