

7000 GeV pp

Underlying Event

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

1

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

ATLAS



Pythia 6.427 370



Pythia 6.427 371



Pythia 6.427 372



Pythia 6.427 376

(ATLAS\_2012\_I1183818)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

5

10

15