

7000 GeV pp

Underlying Event

 $\sum E_T$  for the dijet selection,  $4.0 < \eta_{jj} < 4.8$ 

- ATLAS
- ▲ Pythia 8.235 default
- -▲ Pythia 8.235 default-CD
- -▲ Pythia 8.235 default-DL
- ...▲ Pythia 8.235 default-MBR

1

$10^{-1}$

$10^{-2}$

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2012\_I1183818)

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

5

10

15