

7000 GeV pp

Underlying Event

 $\Sigma(E_T) (4.0 < |\eta| < 4.8, p_T^{\text{ch(neutral)}} > 0.5(0.2) \text{ GeV}, E_T^{j1j2} > 20 \text{ GeV}, |\eta^{j1j2}| < 2.5)$ 

■ ATLAS

—▲ Pythia 8.135 default

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2012\_I1183818)

Ratio to ATLAS

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

2

1

0.5

2

1

0.5

0

5

10

15