

7000 GeV pp

Underlying Event

 $\Sigma(E_T) (3.2 < |\eta| < 4.0, p_{T}^{\text{ch(neutral)}} > 0.5(0.2) \text{ GeV}, E_T^{j1j2} > 20 \text{ GeV}, |\eta^{j1j2}| < 2.5)$

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.301 default

1

10^{-1}

10^{-2}

(ATLAS_2012_I1183818)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0 5 10 15 20

