

7000 GeV pp

Underlying Event

 $\Sigma(E_T) (2.4 < |\eta| < 3.2, p_T^{\text{ch(neutral)}} > 0.5(0.2) \text{ GeV}, E_T^{j1j2} > 20 \text{ GeV}, |\eta^{j1j2}| < 2.5)$ 10^{-1} 10^{-2} 10^{-3}

■ ATLAS
—▲— Pythia 8.165 default
- - -◆- - - Sherpa 2.2.9 default

(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

10

20

30