

7000 GeV pp

Underlying Event

 $\Sigma(E_T) (1.6 < |\eta| < 2.4, p^{ch(neutral)} > 0.5(0.2) \text{ GeV}, E_T^{j1j2} > 20 \text{ GeV}, |\eta^{j1j2}| < 2.5)$ 10^{-1} 10^{-2} 10^{-3}

■ ATLAS

○ Herwig++ 2.7.1 default

□ Herwig 7.2.1 default

▼ Herwig 7.2.1 softTune

(ATLAS_2012_I1183818)

Ratio to ATLAS

2

1

0.5

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0

10

20

30

40