

7000 GeV pp

Underlying Event

 $\sum E_T$  for the dijet selection,  $3.2 < \eta_1 < 4.0$ 

1

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

ATLAS



Herwig++ 2.7.1 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

5

10

15

20