

7000 GeV pp

Underlying Event

 $\Sigma(E_T) (0.0 < |\eta| < 0.8, p^{ch(neutral)} > 0.5(0.2) \text{ GeV}, E_T^{j1j2} > 20 \text{ GeV}, |\eta^{j1j2}| < 2.5)$ 

1

 $10^{-1}$  $10^{-2}$  $10^{-3}$ 

ATLAS



Sherpa 2.2.9 default

(ATLAS\_2012\_I1183818)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

10

20

30

40