

7000 GeV pp

Underlying Event

 $\Sigma(E_T)$ ($0.0 < |\eta| < 0.8$, $p_T^{\text{ch(neutral)}} > 0.5(0.2) \text{ GeV}$, $E_T^{j1j2} > 20 \text{ GeV}$, $|\eta^{j1j2}| < 2.5$) 10^{-1} 10^{-2} 10^{-3}

- ATLAS
- Pythia 6.428 350
- Pythia 6.428 357
- Pythia 6.428 358
- -■- - Pythia 6.428 359

(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