

7000 GeV pp

Underlying Event

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

1

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

- ATLAS
- Pythia 6.428 391
- + Pythia 6.428 393
- Pythia 6.428 394
- ▼- Pythia 6.428 395

(ATLAS_2012_I1183818)

Ratio to ATLAS

2

1

0.5

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0 10 20 30 40