

7000 GeV pp

Underlying Event

 $\Sigma(E_T)$ vs $\eta^{\text{lead}} (|\eta| < 4.8, p^{\text{ch(neutral)}} > 0.5(0.2) \text{ GeV}, E_T^{j1j2} > 20 \text{ GeV}, |\eta^{j1j2}| < 2.5)$

■ ATLAS

—▲ Pythia 8.186 default

4

3

2

1

0

(ATLAS_2012_I1183818)

2

1

0.5

Ratio to ATLAS

Rivet 3.1.10, 10M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0

1

2

3

4