

7000 GeV pp

Underlying Event

 $\sum E_T$ for the dijet selection, $4.0 < \eta_1 < 4.8$

- ATLAS
- + Epos 1.99.crmc.1.6.0 lh
- Herwig 7.2.1 default
- △ Pythia 6.428 370
- ▲ Pythia 8.201 default
- ◆ Sherpa 2.2.9 default

1

 10^{-1} 10^{-2} Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2012_I1183818)

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

5

10

15