

13000 GeV pp

Underlying Event

 $\langle \text{mean } p_T \rangle [\text{GeV}]$ Average  $p_T$  vs  $p_T^{\text{lead}}$  ( $|\eta| < 2.5$ ,  $p_T > 0.5$  GeV,  $p_{T1} > 1$  GeV)

- ATLAS
- Herwig++ 2.7.1 default
- Herwig++ 2.7.1 UE-EE-5
- Herwig 7.2.1 default

Rivet 3.1.10,  $\geq 2.6$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2017\_I1509919

Ratio to ATLAS

2  
1  
0.52  
1  
0.5 $p_T^{\text{lead}} [\text{GeV}]$ 

0 10 20 30