

13000 GeV pp

Underlying Event

 $\langle N_{ch} \rangle$ vs p_T^{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 7.1.1 default

5

4

3

2

1

0

ATLAS_2017_I1509919

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

2

1

1

0.5

0.5

0 10 20 30

p_T^{lead} [GeV]

 $\langle N_{ch} / \Delta \eta \Delta \phi \rangle$ 