

13000 GeV pp

Underlying Event

 $\langle N_{\text{ch}} \rangle$ vs ϕ^{lead} ($|\eta| < 2.5$, $p_{\text{T}} > 0.5$ GeV, $p_{\text{T}1} > 10$ GeV)

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.308 default

5
4
3
2
1
0

Rivet 3.1.10, $\geq 2.7\text{M}$ events
mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2017_I1509919

Ratio to ATLAS

2
1
0.5

 $|\Delta\phi|$ [degrees] $\langle N_{\text{ch}} / \Delta\eta \Delta\phi \rangle$ 