

900 GeV pp

Underlying Event

 $\langle N_{\text{ch}} \rangle$  vs  $p_{\text{T}}^{\text{lead}}$  ( $|\eta| < 2.5$ ,  $p_{\text{T}} > 0.1$  GeV)

- ATLAS
- ▲ Pythia 8.308 default

 $\langle d^2 N_{\text{ch}} / d\eta d\phi \rangle$ 

2.5

2.0

1.5

1.0

0.5

0

Rivet 3.1.10, 3.3M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $p_{\text{T}}$  (leading track) [GeV]