

13000 GeV pp

Underlying Event

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

■ ATLAS  
—▲ Pythia 8.183 default

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

Rivet 3.1.10, 300k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2017\_I1509919

Ratio to ATLAS

2

1

0.5

 $p_{\text{T}}^{\text{lead}}$  [GeV]

0

10

20

30