

900 GeV pp

Underlying Event

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

■ ATLAS  
◆ Sherpa 2.2.9 default

Rivet 3.1.10, 2.5M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

2

1

0.5

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