

900 GeV pp

Underlying Event

 $N_{\text{ch}} (p_{\text{T}} > 3)$ 

Rivet 3.1.10, 400k events

mcplots.cern.ch [arXiv:1306.3436]

 $1/\sigma \, d\sigma/dN_{\text{ch}}$ 

1

 $10^{-1}$  $10^{-2}$  $10^{-3}$  $10^{-4}$ 

CMS



Pythia 8.176 default

CMS\_2011\_S9120041

Ratio to CMS

2

1

0.5

2

1

0.5

 $N_{\text{ch}}$ 