

900 GeV pp

Underlying Event

 $N_{\text{ch}} (p_T > 3)$ Rivet 3.1.10, $\geq 2.5\text{M}$ 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 8.308 default



Sherpa 2.2.9 default

CMS_2011_S9120041

Ratio to CMS

2

1

0.5

2

1

0.5

0

5

10

15

 N_{ch} 