

7000 GeV pp

Underlying Event

 $N_{\text{ch}} (p_T > 3)$ $1/\sigma \, d\sigma/dN_{\text{ch}}$ 10^{-1} 10^{-2} 10^{-3}

■ CMS

—▲ Pythia 8.212 default

CMS_2011_S9120041

Rivet 3.1.10, 400k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

0

10

20

 N_{ch} N_{ch} 