

900 GeV pp

Underlying Event

 $N_{ch} (p_T > 3)$ Rivet 3.1.10, ≥ 2.5 M events

mcplots.cern.ch [arXiv:1306.3436]

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

1

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

■ CMS

- - □ Herwig 7.2.1 default

- - △ Pythia 6.428 370

- - ◆ Sherpa 2.2.9 default

CMS_2011_S9120041

Ratio to CMS

2

1

0.5

2

1

0.5

 N_{ch} 