

900 GeV pp

Underlying Event

 $N_{ch} (p_T > 3)$ Rivet 3.1.10, $\geq 400k$ 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
- ▲--- Pythia 8.308 default
- ◆--- Sherpa 1.4.5 default

CMS_2011_S9120041

Ratio to CMS

2

1

0.5

2

1

0.5

 N_{ch} 