

900 GeV pp

Underlying Event

 $N_{ch} (p_T > 3)$ Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

 $1/\sigma \, d\sigma/dN_{ch}$  $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$   
 $10^{-4}$ 

- CMS
- Herwig++ 2.6.1a default
- Herwig 7.2.1 default
- ▲- Pythia 8.212 default
- ◆- Sherpa 2.2.9 default

CMS\_2011\_S9120041

Ratio to CMS

2  
1  
0.52  
1  
0.5 $N_{ch}$ 

0 5 10 15