

900 GeV pp

Underlying Event

 $N_{ch} (p_T > 3)$ Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

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

1

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

CMS



Pythia 6.423 default



Pythia 6.423 pro-q2o

CMS_2011_S9120041

Ratio to CMS

2

1

0.5

2

1

0.5

 N_{ch}

0

5

10

15