

7000 GeV pp

Underlying Event

 $N_{ch} (p_T > 3)$ Rivet 3.1.10, $\geq 2.9M$ events

mcplots.cern.ch [arXiv:1306.3436]

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

■ CMS
△ Pythia 6.428 370
■ Pythia 6.428 default

CMS_2011_S9120041

Ratio to CMS

2
1
0.52
1
0.5 N_{ch}

0

10

20

30