

7000 GeV pp

Underlying Event

 N_{ch} ($pT > 20$) $1/\sigma d\sigma/dN_{ch}$

1

 10^{-1} 10^{-2} 10^{-3} 10^{-4} 10^{-5}

CMS

Pythia 6.428 390

Pythia 6.428 391

Pythia 6.428 392

Pythia 6.428 396

Pythia 6.428 397

Pythia 6.428 398

CMS_2011_S9120041

Rivet 3.1.10, $\geq 2.7M$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

0

10

20

 N_{ch}