

7000 GeV pp

Underlying Event

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

1

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

CMS

Sherpa 1.3.1 default

Rivet 3.1.0, 6.9M events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2011_S9120041

Ratio to CMS

2

1

0.5

2

1

0.5

0

10

20

 N_{ch} 