

7000 GeV pp

Underlying Event

 $N_{ch} (pT > 3)$ Rivet 3.1.10,  $\geq 2.8M$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2011\_S9120041

- CMS
- △ Pythia 6.428 370
- Pythia 6.428 default
- ▲ Pythia 8.308 default

Ratio to CMS

 $N_{ch}$ 