

7000 GeV pp

Underlying Event

 $\langle N_{\text{ch}} \rangle$ vs $p_{\text{T}}^{\text{lead}}$ (NSD)

- CMS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲ Pythia 8.315 default

10

1

 10^{-1} Rivet 4.1.0, $\geq 100\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

(CMS_2011_I916908)

Ratio to CMS

2

1

0.5

0

50

100

2

1

0.5