

7000 GeV pp

Underlying Event

 $\langle N_{\text{ch}} \rangle$ vs $p_{\text{T}}^{\text{lead}}$ (NSD) $\langle d^2 N / d\eta d\phi \rangle$

- CMS
- ▲ Pythia 8.308 default
- - ▼ Pythia 8.308 vincia-default

Rivet 3.1.10, $\geq 2.7\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2011_S9120041

Ratio to CMS

 p_{T} (leading track-jet) [GeV]

0 50 100

0.5

1

2

3

4

5

6

7

8

9

0.5

1

2