

900 GeV pp

Underlying Event

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

- CMS
- ▲ Pythia 8.315 default
- ◆ Sherpa 2.2.9 default

1.4
1.2
1
0.8
0.6
0.4
0.2
0

Rivet 4.1.0, $\geq 2.2\text{M}$ events
mcplots.cern.ch [arXiv:1306.3436]

(CMS_2011_I916908)

Ratio to CMS

2
1
0.5

2
1
0.5

0

10

20

0 10 20