

7000 GeV pp

Underlying Event

 $\langle N_{\text{ch}} \rangle$ vs $p_{\text{T}}^{\text{lead}}$ ($p_{\text{T}}(\Lambda, \bar{\Lambda}) > 1.5$ GeV)

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

 10^{-1} 10^{-2} 10^{-3} 10^{-4} Rivet 4.1.0, ≥ 100 k events

mcplots.cern.ch [arXiv:1306.3436]

(CMS_2012_PAS_QCD_11_010)

Ratio to CMS

2

1

0.5

2

1

0.5

0

20

40