

7000 GeV pp

Underlying Event

 $\Sigma(p_T) \text{ vs } p_T^{\text{lead}} (p_T(\Lambda, \bar{\Lambda}) > 1.5 \text{ GeV})$

- CMS
- ▲ Pythia 8.315 default
- - * Pythia 8.315 tune-4c
- - □ Pythia 8.315 tune-4cx

1

10^{-1}

10^{-2}

10^{-3}

(CMS_2012_PAS_QCD_11_010)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

0

20

40

