

7000 GeV pp

Underlying Event

Average  $\Sigma(p_T)$  vs  $p_T^{\text{lead}}$  (NSD)

■ CMS  
—▲ Pythia 8.170 default

 $\langle d^2 \text{sum}(p_T)/d\eta d\phi \rangle$  [GeV]

5

4

3

2

1

0

Rivet 3.1.10, 300k events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2011\_S9120641

Ratio to CMS

2

1

0.5

2

1

0.5

 $p_T$  (leading track-jet) [GeV]

0

50

100