

7000 GeV pp

Underlying Event

Average  $\Sigma(p_T)$  vs  $p_T^{\text{lead}}$  ( $|\eta| < 2.5$ ,  $p_T > 0.5$  GeV)

- ATLAS  
—▲ Pythia 8.183 default

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

Rivet 3.1.10, 400k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

2

1

0.5

 $p_T$  (leading track) [GeV]

0 5 10 15 20

0.5

1

2