

900 GeV pp

Underlying Event

Transverse  $\sum(p_T), p_T^{\text{jet } 1} > \{3 \text{ GeV}\}, \sqrt{s} = \{900 \text{ GeV}\}$

1  
 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$   
 $10^{-4}$

■ CMS  
— Pythia 8.307 ppthermNoScat

(CMS\_2011\_I916908)

Rivet 4.1.0, 900k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to CMS

2  
1  
0.5

2  
1  
0.5

0

5

10

15