

Jet  $p_T$  ( $(E_{T_j} > 20, |\eta_j| < 2.8, E_{T_e} > 20, |\eta_e| < 2.47^*, p_T^{\#nu} > 25, M_T > 40, \Delta R_{\mu j} > 0.5)$ )

■ ATLAS

—▲ Pythia 8.150 default

 $d\sigma/dp_T$  [pb/GeV] $10^2$ 

10

1

Rivet 3.1.0, 6.9M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8919674

Ratio to ATLAS

2

1

0.5

2

1

0.5

50

100  
 $p_T$  (1st jet) [GeV]