

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

■ ATLAS

—▲ Pythia 8.130.p1 default

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

10

1

Rivet 3.1.0, 7.1M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8919674

2

2

Ratio to ATLAS

1

1

0.5

0.5

50

100

 $p_T$  (1st jet) [GeV]