

Jet p_T ($(E_{T_j} > 20, |\eta_j| < 2.8, E_{T_\mu} > 20, |\eta_\mu| < 2.4, p_T^{\# \nu} > 25, M_T > 40, \Delta R_{\mu j} > 0.5)$)

■ ATLAS

—▲ Pythia 8.301 default

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

10

1

Rivet 3.1.10, 400k 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]