

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 6.428 370
- - - □ - - - Pythia 6.428 default
- ▲— Pythia 8.205 default

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

10

1

Rivet 3.1.0,  $\geq 7.6$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8919674

Ratio to ATLAS

2

1

0.5

2

1

0.5

50

 $p_T$  (1st jet) [GeV]