

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

- ATLAS
- ▲ Pythia 8.201 default
- -▲ Pythia 8.201 default-CD

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

10

1

Rivet 3.1.0,  $\geq 6.8M$  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]