

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 8.212 default
- -▼ Pythia 8.212 tune-AU2
- · ·◇ Pythia 8.212 tune-AU2lox
- · ·□ Pythia 8.212 tune-AU2lox
- · ·* Pythia 8.212 tune-AU2m

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8919674

Ratio to ATLAS

2

1

0.5

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