

13000 GeV pp

 $t\bar{t}$ $m(t\bar{t})$ (ATLAS semileptonic $t\bar{t}$) 10^{-2} 10^{-3} 10^{-4} 10^{-5}

■ ATLAS

---○ Pythia 6.428 345

---△ Pythia 6.428 370

---△ Pythia 6.428 ambt1

---● Pythia 6.428 z2

(ATLAS_2019_I1750330)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

2

1

1

0.5

0.5

1000

2000

3000

