

13000 GeV pp

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

■

ATLAS

■

Pythia 6.428 359

△

Pythia 6.428 370

▲

Pythia 6.428 a

▼

Pythia 6.428 dw

○

Pythia 6.428 p0

☆

Pythia 6.428 pro-q20

(ATLAS_2019_I1750330)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

500

1000

1500

2000