

13000 GeV pp

 $t\bar{t}$ p_T^{top} (ATLAS $t\bar{t}$ bar) 10^{-2} 10^{-3} 10^{-4} 10^{-5} Rivet 4.1.0, ≥ 100 k events

mcplots.cern.ch [arXiv:1306.3436]

■ 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-q2o

(ATLAS_2020_I1801434)

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

500

1000

