

13000 GeV pp

$t\bar{t}$

$m(t\bar{t})$ (ATLAS semileptonic $t\bar{t}$)

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 default
- ▲ Pythia 8.308 default

$1 / \sigma d^2\sigma / dN^{\text{extra jet}} d m^{\text{tbar}\{t\}}$ [1/GeV]

Rivet 3.1.10, $\geq 2.8M$ events
mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

2
1
0.5

2
1
0.5

1000

2000

3000

$m^{\text{tbar}\{t\}}$ [GeV], $N^{\text{extra jet}} = 1$

