

13000 GeV pp

 $t\bar{t}$ $t\bar{t}H\bar{t}$ (ATLAS semileptonic $t\bar{t}b\bar{b}$)

■ ATLAS

- - □ - - Pythia 6.428 391

- - + - - Pythia 6.428 393

- - ● - - Pythia 6.428 394

- - ▼ - - Pythia 6.428 395

 $\frac{d^2\sigma}{dN^{\text{jets}} dH_T^{\text{t}\bar{t}}}$ [pb/GeV]Rivet 3.1.10, ≥ 2.6 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

0.5

1

2

0.5

1

2

 $H_T^{\text{t}\bar{t}}$ [GeV], $N^{\text{jets}} = 6$ 