

13000 GeV pp

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

■ ATLAS

---○--- Herwig++ 2.7.1 default

— Herwig++ 2.7.1 UE-EE-5

---□--- Herwig 7.2.1 default

 $1/\sigma d^2\sigma / dN^{\text{jets}} dH_T^{\{t\bar{t}\}} [1/\text{GeV}]$ Rivet 3.1.10, $\geq 2.7\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1750330

Ratio to ATLAS

2

1

0.5

0 500 1000 1500 2000

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