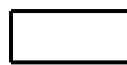


Arbitrary Units

**ATLAS** Preliminary (Simulation)

$\sqrt{s} = 8$  TeV



$t\bar{t}$ +light-flavour jets



$t\bar{t}$ +heavy-flavour jets



$t'\bar{t}'$  ( $m_{t'} = 600$  GeV), doublet

0.25

0.2

0.15

0.1

0.05

0

0

200

400

600

800

1000

1200

1400

1600

1800

2000

$H_T$  [GeV]

