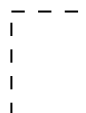


**ATLAS** Internal Simulation

$\sqrt{s} = 8$  TeV, Truth



FullSim  $t\bar{t}$



Fastsim  $t\bar{t}$

80000

60000

40000

20000

0

1.5

1

0.5

50

100

150

200

Leading non b-tagged Jet ( $J_1$ )  $p_T$  [GeV]

