

**ATLAS** Internal Simulation

$\sqrt{s} = 8$  TeV, Truth Re-weight

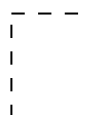
20000

10000

0



FullSim  $t\bar{t}$



Fastsim  $t\bar{t}$

1.5

1

0.5

0 0.002 0.004 0.006 0.008 0.01

$J_1$  Pull Magnitude

