

**ATLAS** Internal Simulation

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

20000

15000

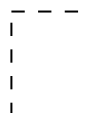
10000

5000

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

$J_2$  Pull Magnitude

