$T_2 = 200.99732371 \text{ ms}$ 8000 7000 6000 5000 countB - countA 4000 3000 2000 1000 0 -1000 <u></u> 0.05 0.10 0.15 0.20 0.25 0.30 0.35 0.40 Free evolution time (s)