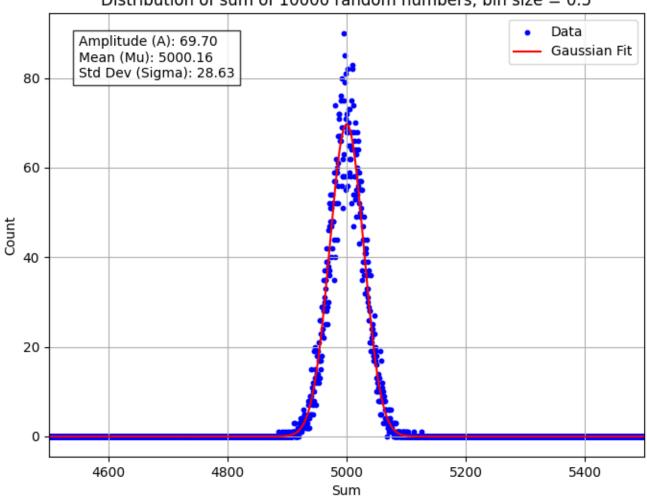
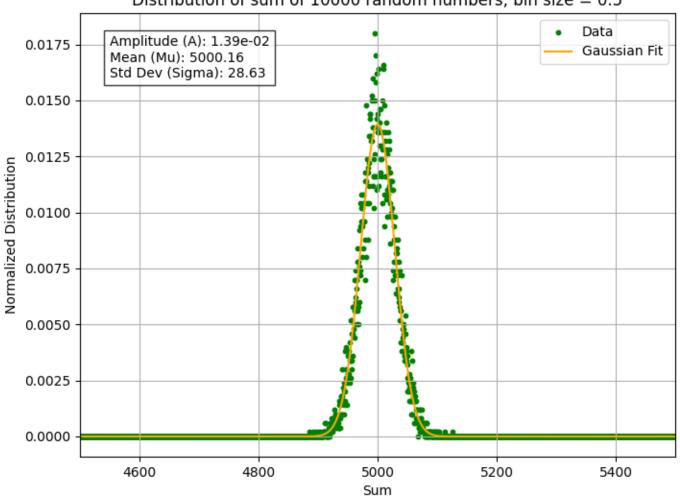
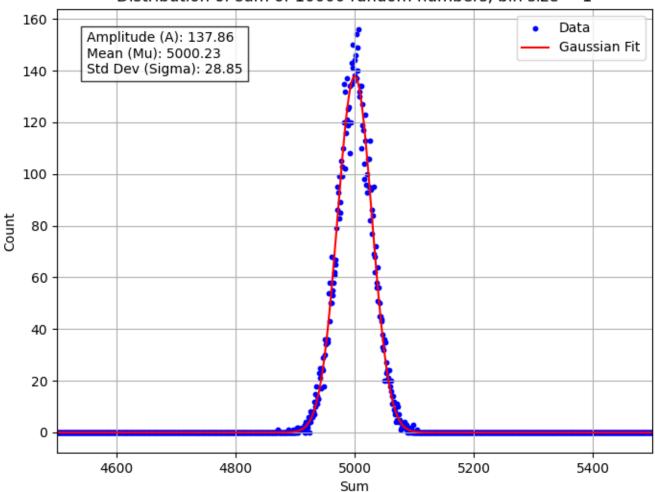
Distribution of sum of 10000 random numbers, bin size = 0.5



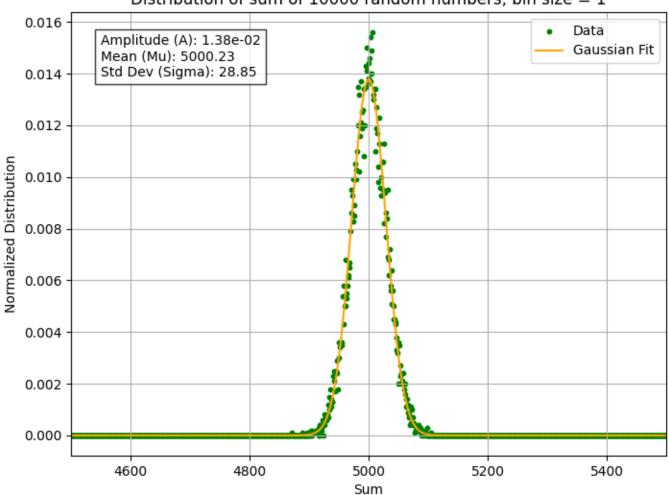
Distribution of sum of 10000 random numbers, bin size = 0.5



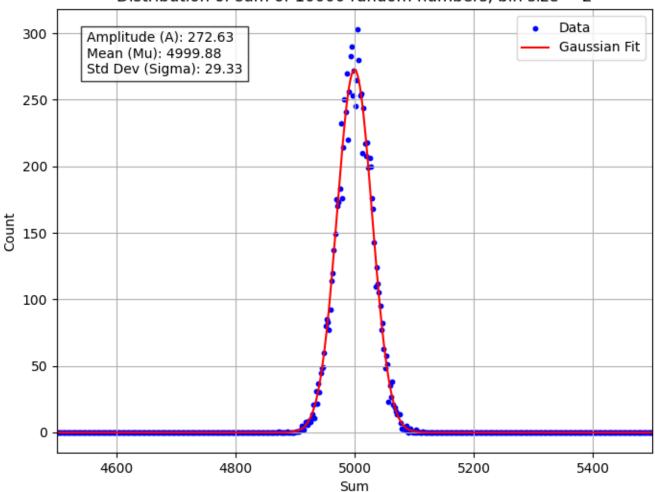
Distribution of sum of 10000 random numbers, bin size = 1



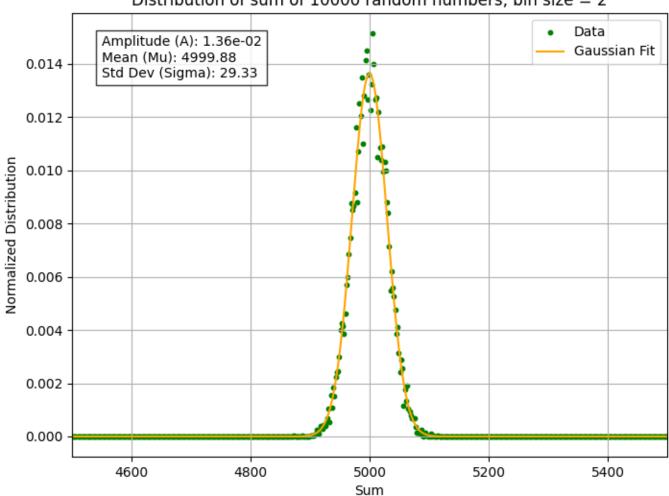
Distribution of sum of 10000 random numbers, bin size = 1



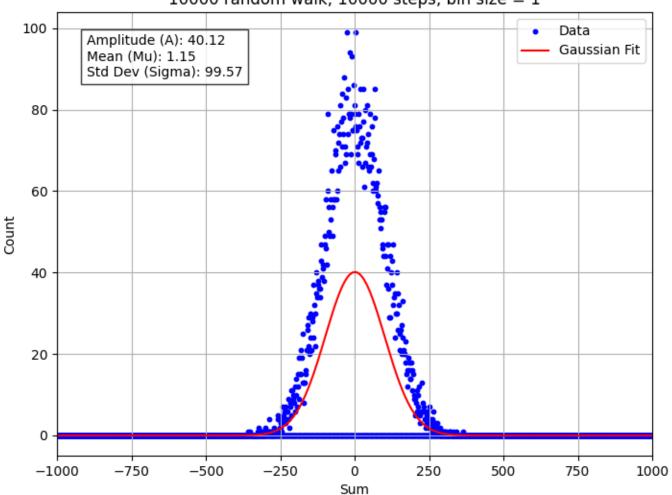
## Distribution of sum of 10000 random numbers, bin size = 2



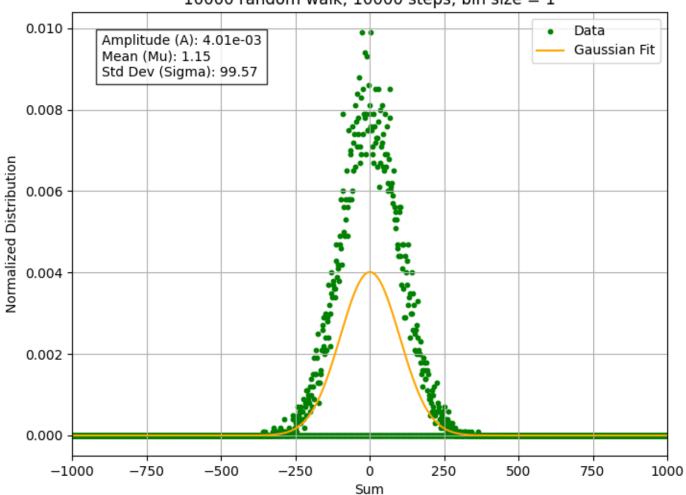
## Distribution of sum of 10000 random numbers, bin size = 2



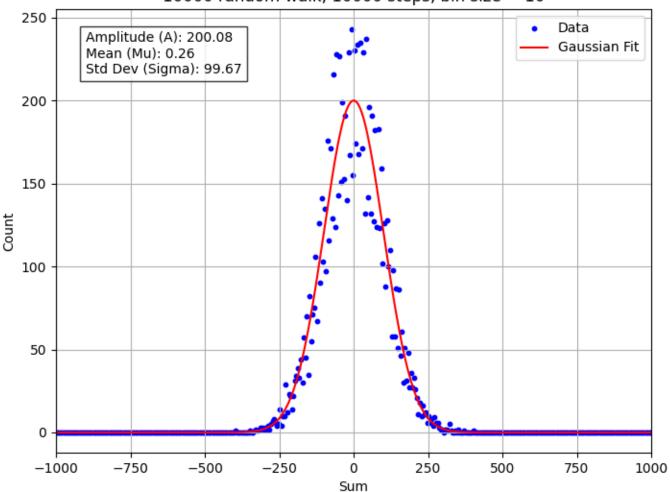
10000 random walk, 10000 steps, bin size = 1



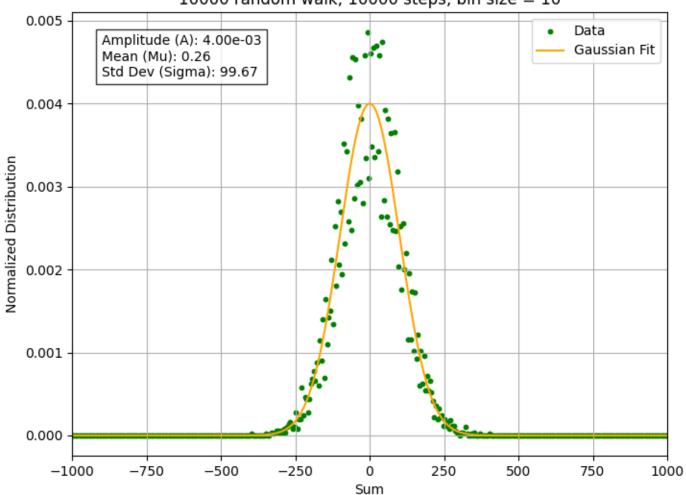
10000 random walk, 10000 steps, bin size = 1



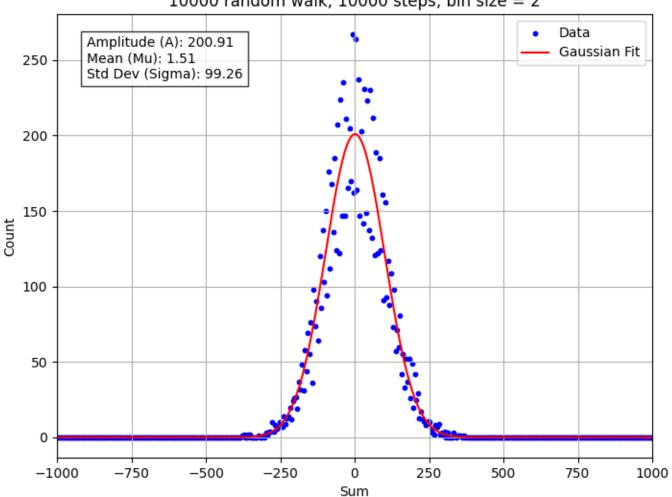
10000 random walk, 10000 steps, bin size = 10



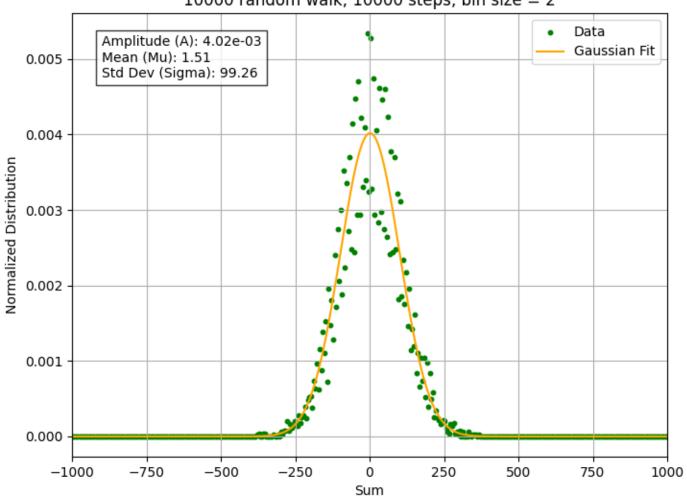
10000 random walk, 10000 steps, bin size = 10



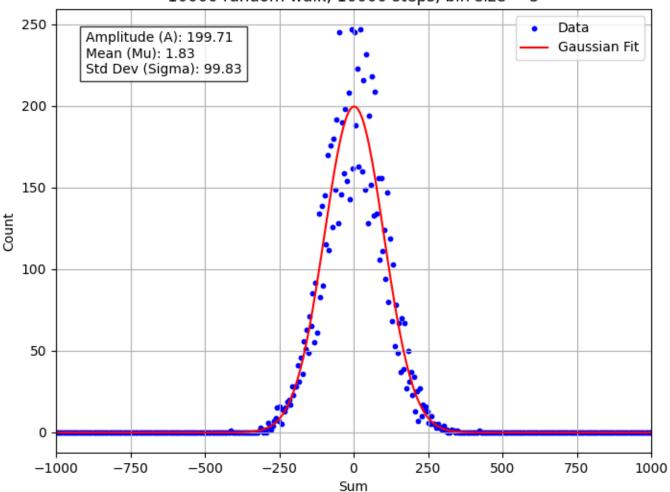
10000 random walk, 10000 steps, bin size = 2



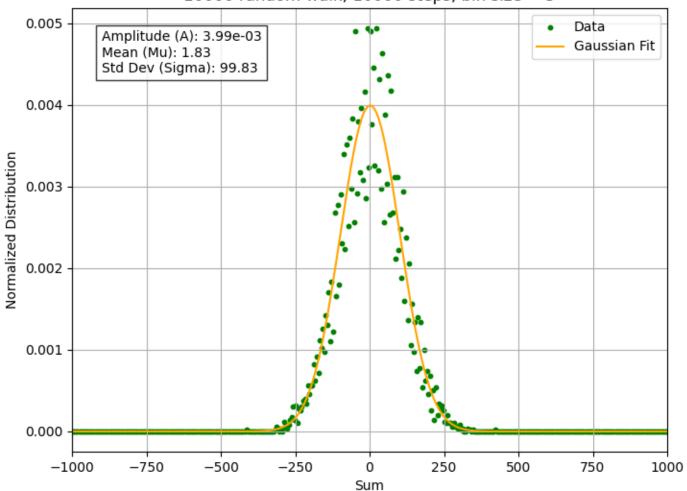
10000 random walk, 10000 steps, bin size = 2



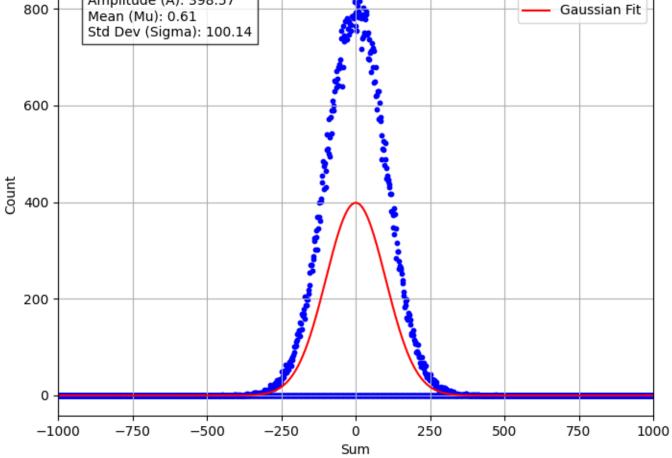
10000 random walk, 10000 steps, bin size = 5



10000 random walk, 10000 steps, bin size = 5



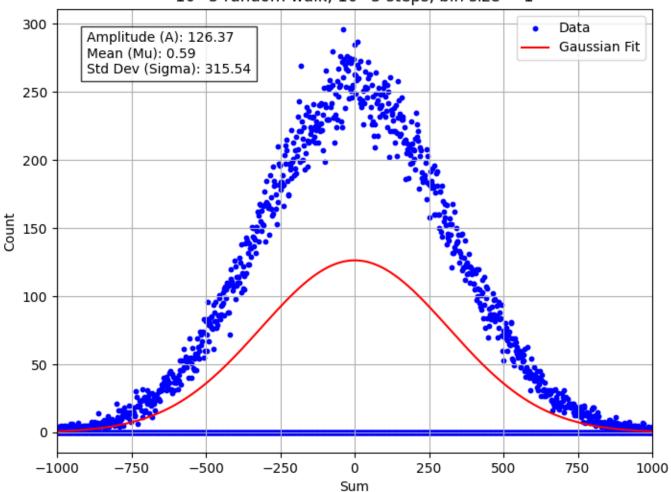
 $10^5$  random walk, 10000 steps, bin size = 1 Data Amplitude (A): 398.57 Gaussian Fit



 $10^5$  random walk, 10000 steps, bin size = 1 Data Amplitude (A): 3.99e-03 0.008 Gaussian Fit Mean (Mu): 0.61 Std Dev (Sigma): 100.14 0.006 Normalized Distribution 0.004 -0.002 0.000 -500 -750 -250 250 500 750 -10000 1000

Sum

 $10^5$  random walk,  $10^5$  steps, bin size = 1



 $10^5$  random walk,  $10^5$  steps, bin size = 1

