**adutta@dgx**:**~**$ nvcc project\_gpu.cu -o gpu\_simulation -O2

**adutta@dgx**:**~**$ ./gpu\_simulation

Running GPU simulation...

GPU Time: 0.000234496 seconds

Total Flux: 3.09329 neutrons/cm^2

Absorption Rate: 0.633086

Fission Rate: 0.317282

k-effective: 0.634564

**adutta@dgx**:**~**$ ./serial\_simulation

Running CPU serial simulation...

CPU Time: 0.23342 seconds

Total Flux: 3.09505 neutrons/cm^2

Absorption Rate: 0.632954

Fission Rate: 0.317013

k-effective: 0.634026