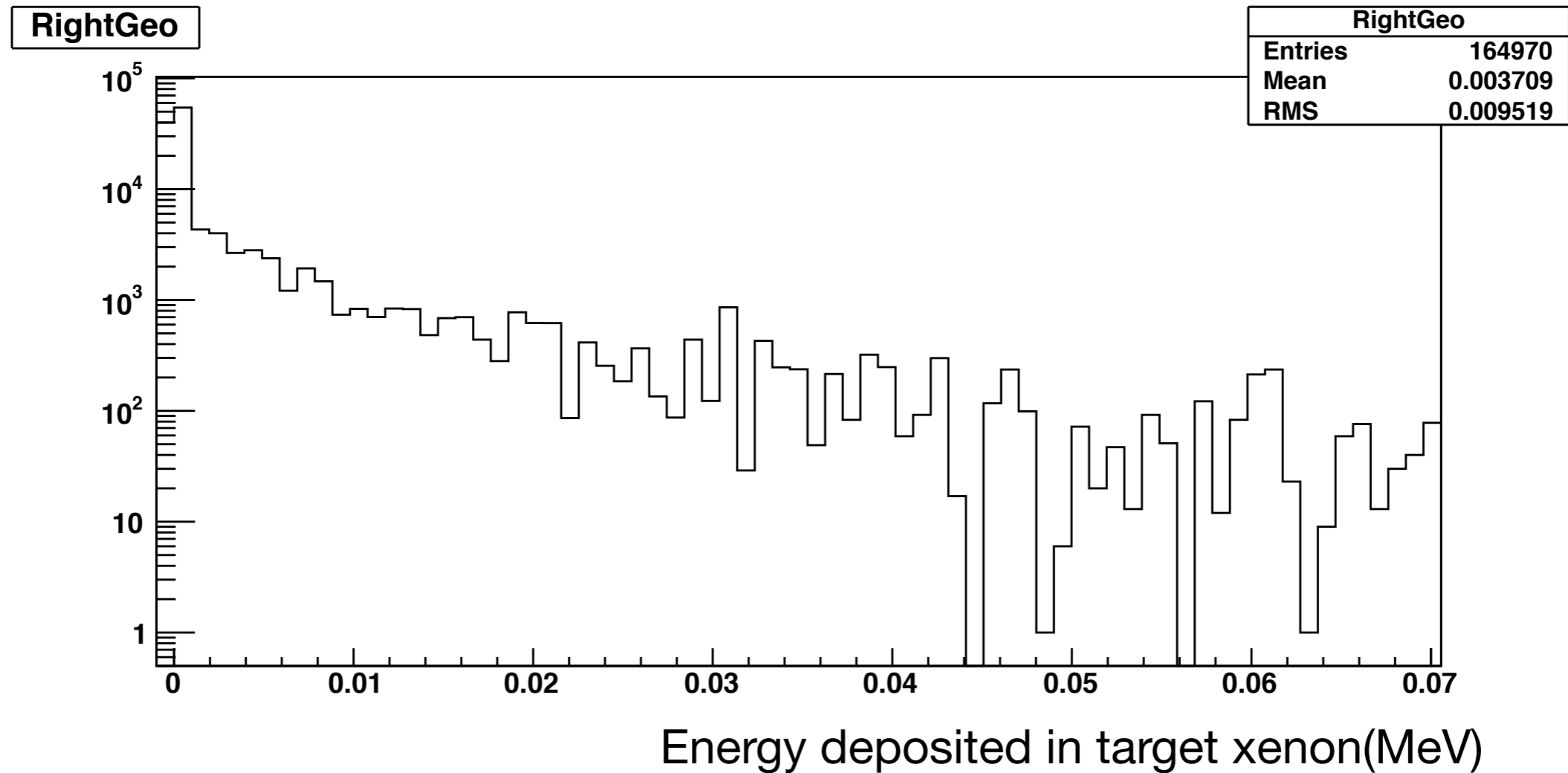


Geometry Simulation

Neutron detector



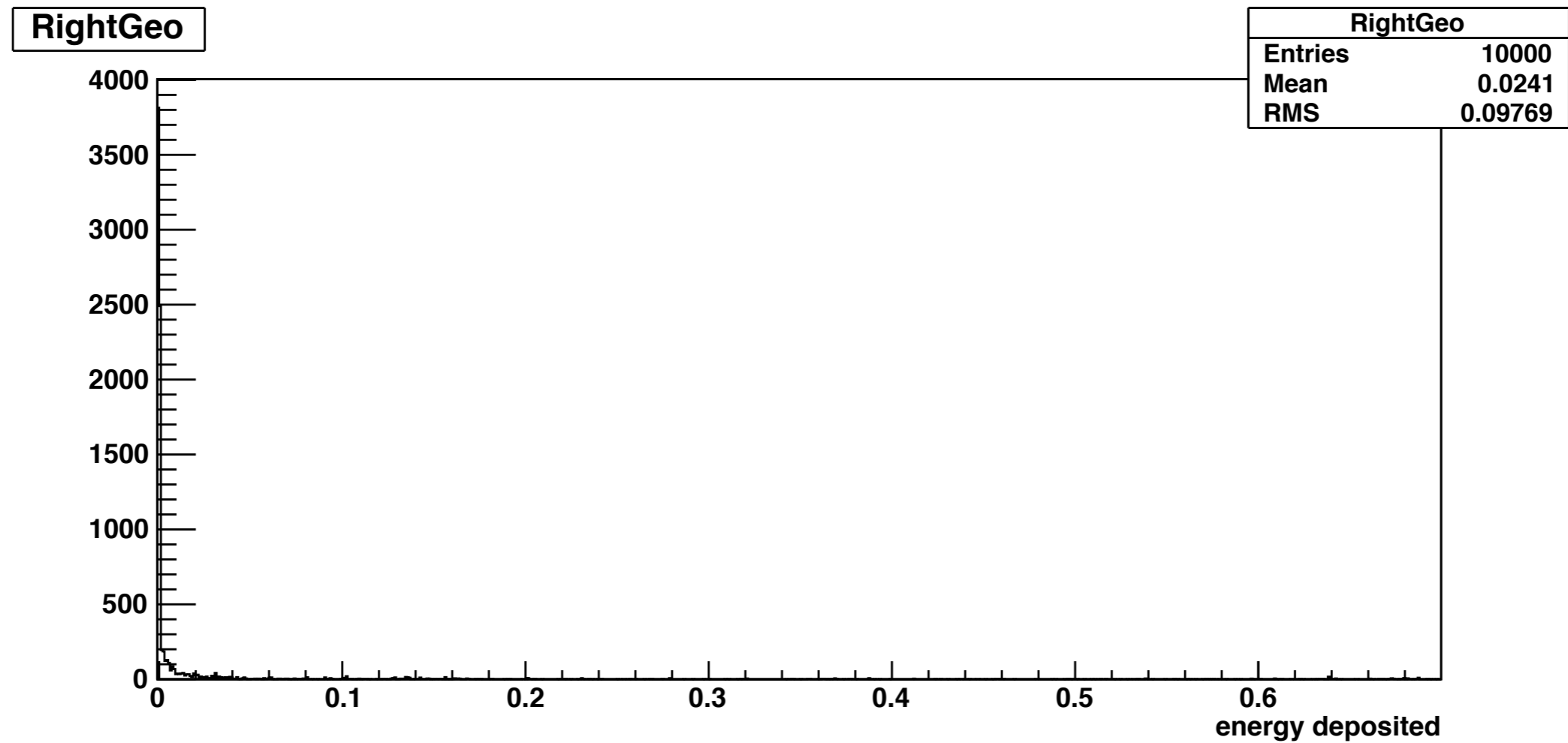
log scale of right geometry

Starting Neutron Energy:2.45 MeV

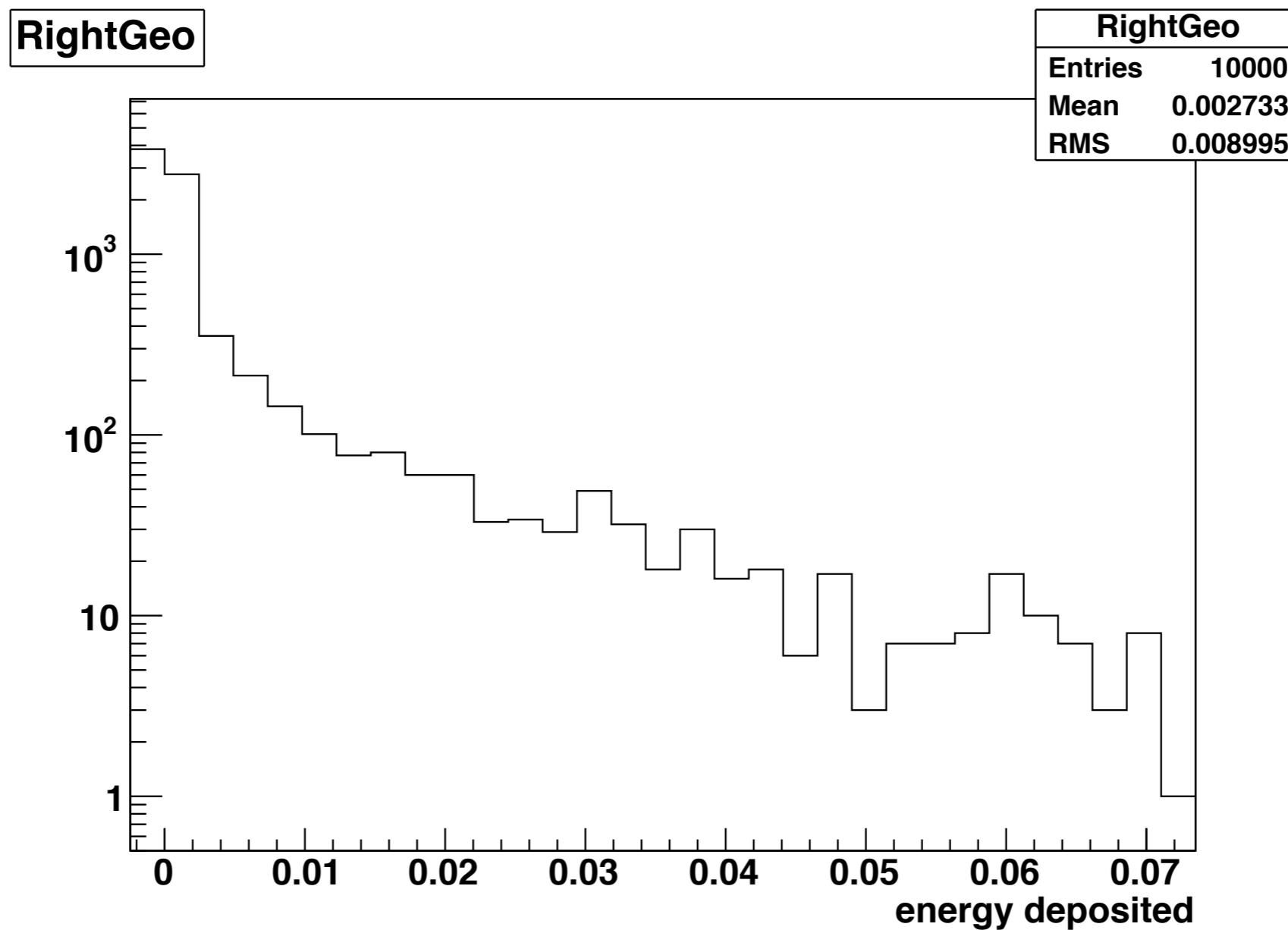
Number of Neutrons:10000

- Problem: Only simulating 10000 events, getting 10 times more events in the histogram.
- Analysis: 3 for loops in the code with three increasing variables: 1. Processing events 2. Track 3. Step

- Only processing for 10 events, print out the data.
- [Processing events, Track, Step]
- [0,0,1],[0,0,2],[0,0,3],[1,0,1].....[9,8,11]
- over filling the number of entries



Right Geometry



Log scale of Right Geometry