

# Geometry Simulation

## Neutron Detector

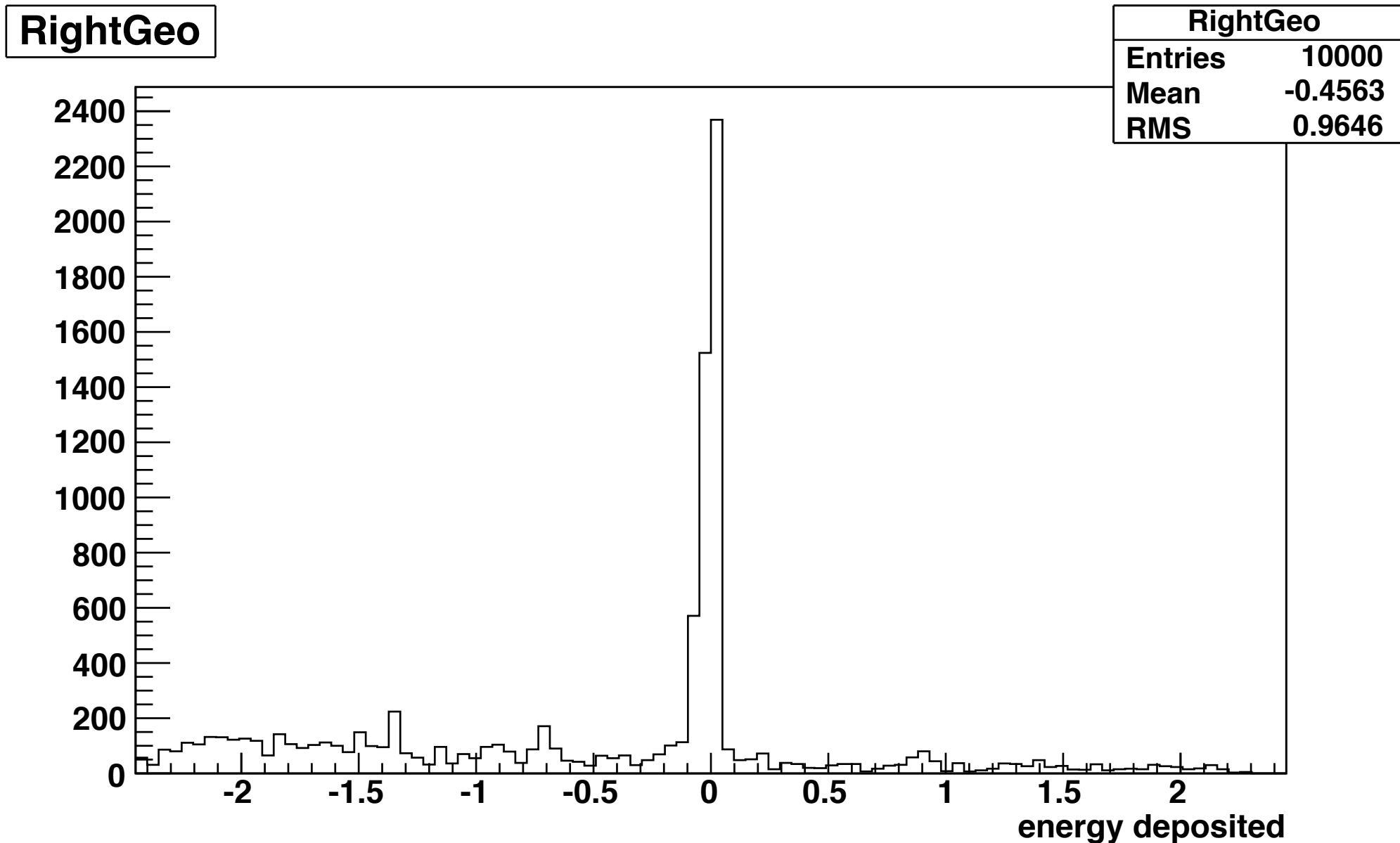
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# New Problems

- Negative energy deposited in the target xenon:  
energy[neutron just gets into the target xenon]-  
energy[neutron just gets out of the target xenon].
- misunderstanding of the initial energy: initial energy along each step.

2



# Histogram without specifying the length

10000 entries staring at 2.45MeV, 100 bins from -2.45 to 2.45

# Thoughts on fixing the problems

- 1. When the neutron gets into the target xenon, gets the energy of the 0th step in the target xenon.
- 2. A volume name change: from target vessel to target xenon(restrictions on the position).