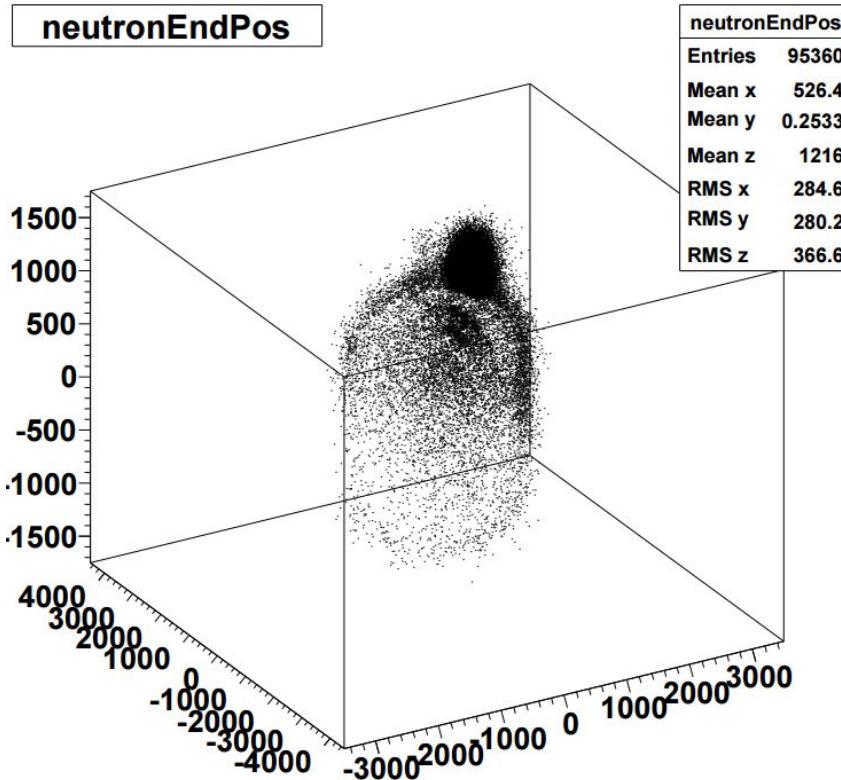
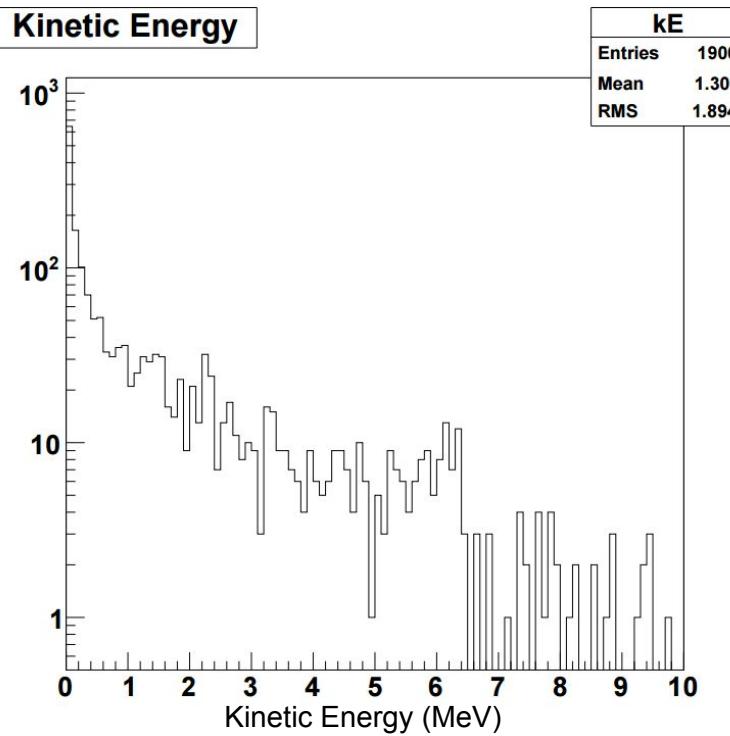
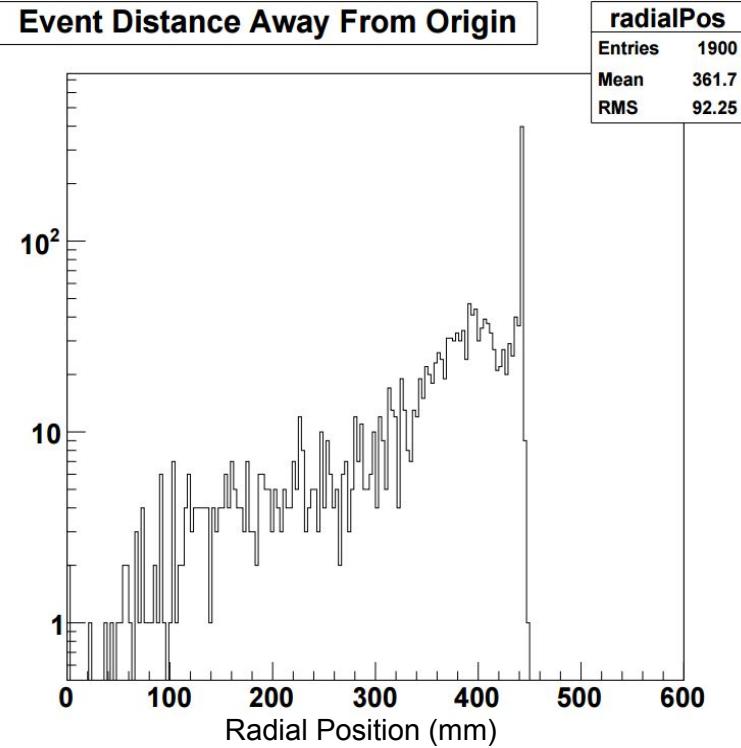


Neutron Calibration Sim Update



Z is the vertical axis and all axes in mm



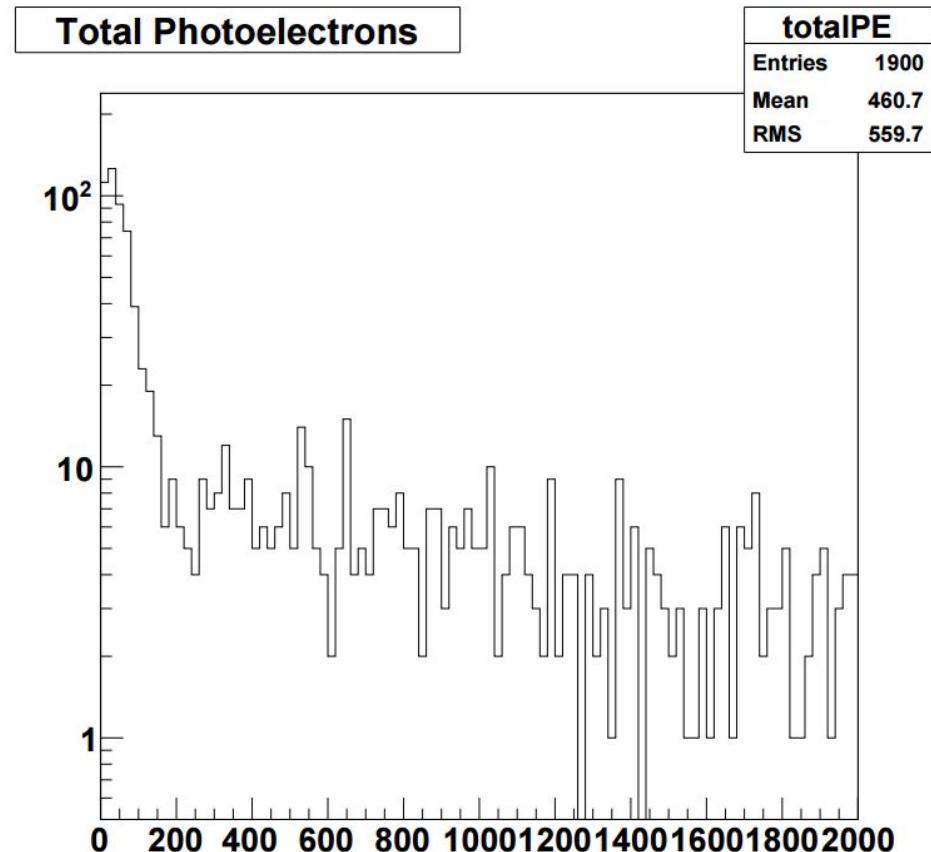
Kinetic Energy**Event Distance Away From Origin**

Used flat spectrum in order to use gun2 generator with an output angle of 0° degrees.

Understand why we are seeing so many low energy events? Could it be caused by the flat spectrum?

Why are there so many events with high total photoelectrons?

Overflow bin had 950 events (out of 1900)



Cuts

- PE between 75-150
- $L_{\text{recoil}} > 0.373$
- $F_{\text{prompt}} > 0.681$
- Radius < 295.0 mm

Number of Events	Number of Triggered Events	Pass PE Cuts	Pass Lrecoil Cuts	Pass Radial Cuts	Pass Fprompt Cuts
100000	1900	104	231	346	475