

Water veto simulations

Cloe Girard-Carillo

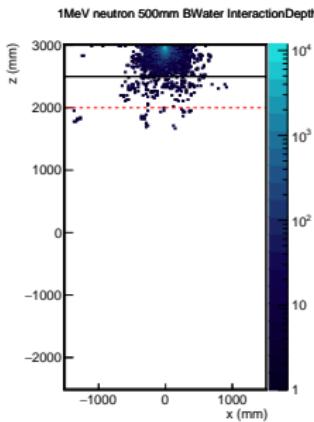
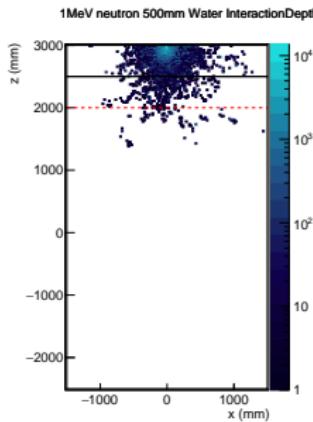
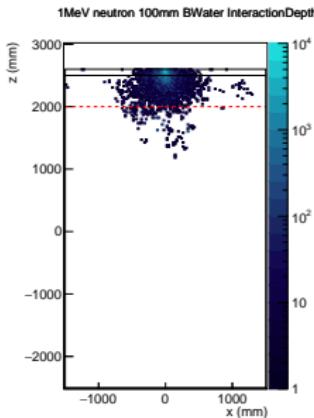
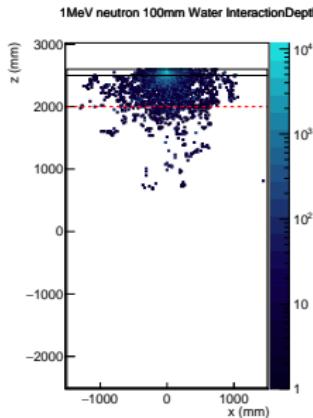
Johannes Gutenberg University

June 23, 2023

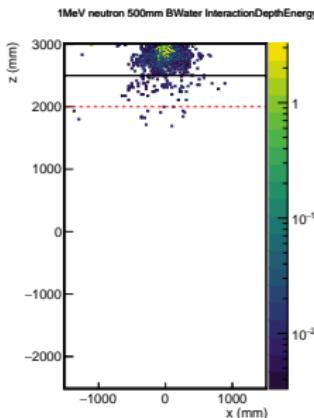
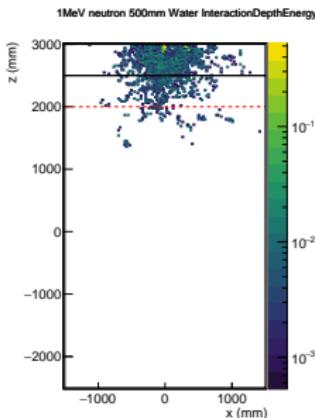
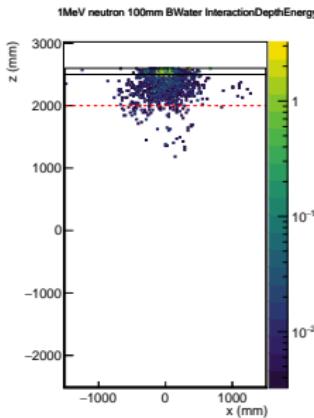
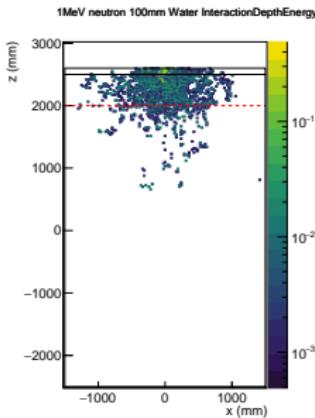
Neutrons

1 MeV

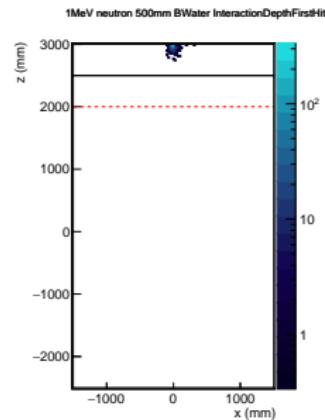
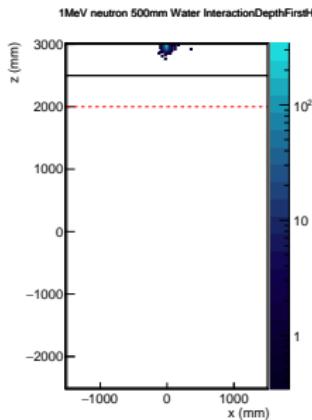
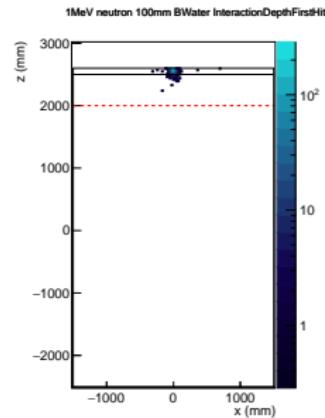
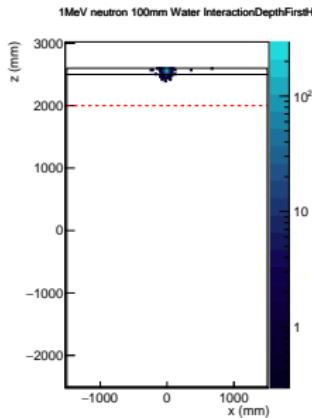
Neutron 1 MeV interaction depth



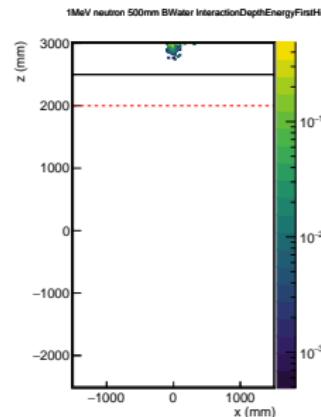
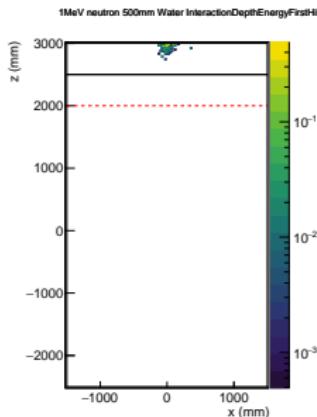
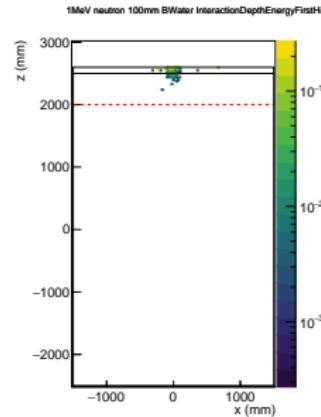
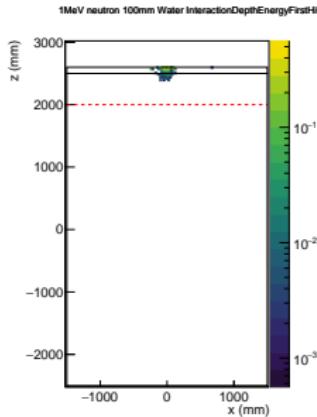
Neutron 1 MeV interaction depth vs energy



Neutron 1 MeV interaction depth first hit

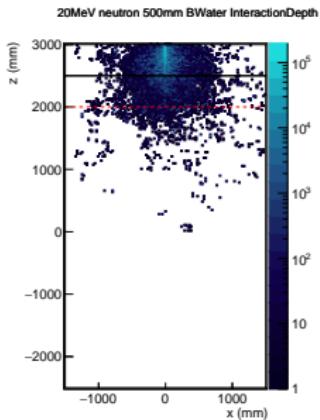
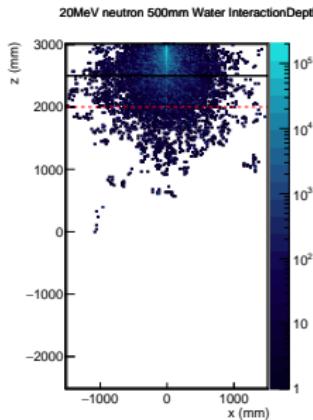
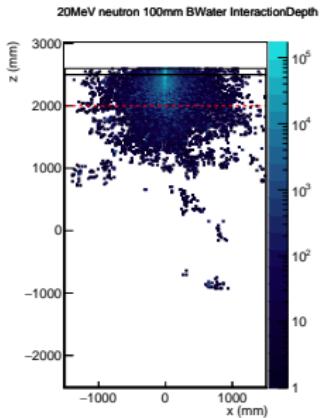
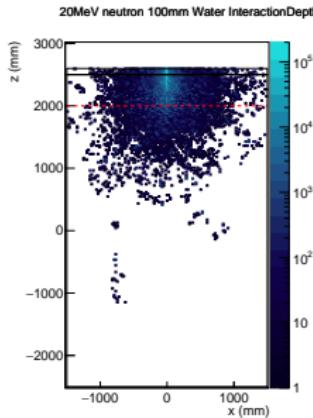


Neutron 1 MeV interaction depth vs energy first hit

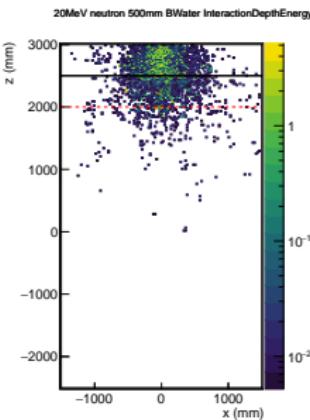
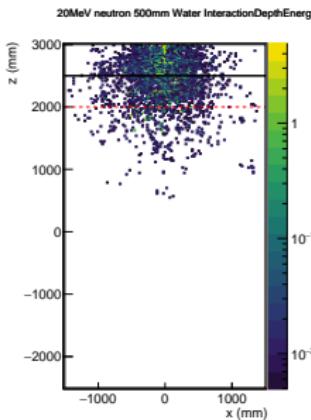
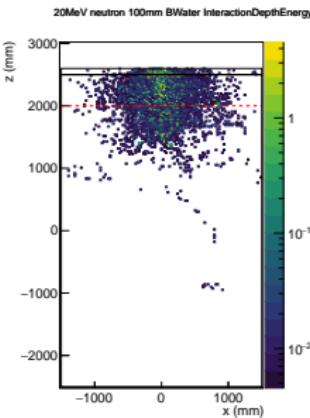
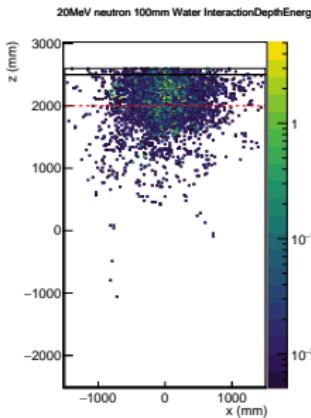


20 MeV

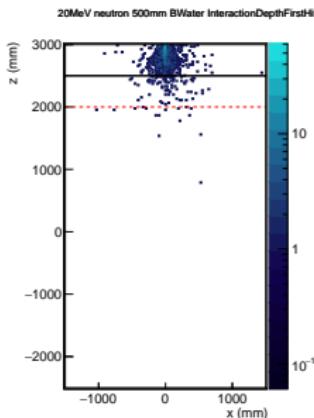
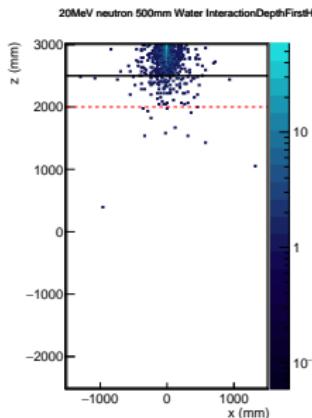
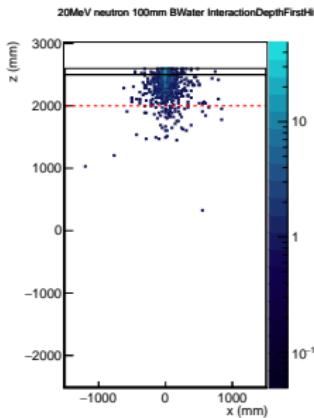
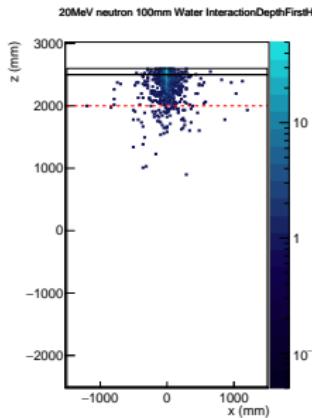
Neutron 20 MeV interaction depth



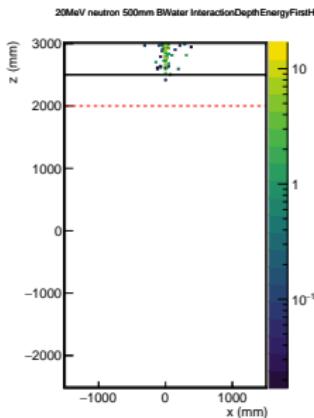
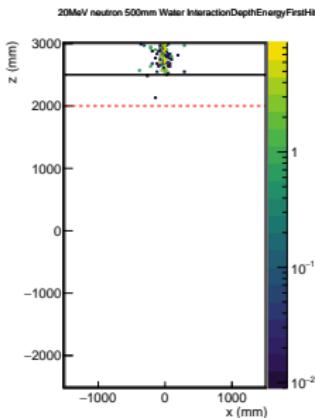
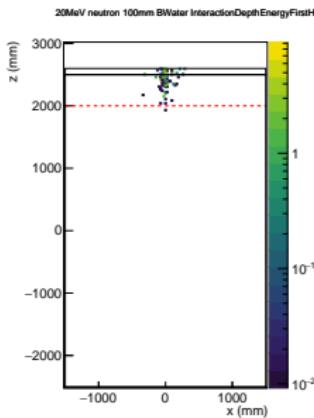
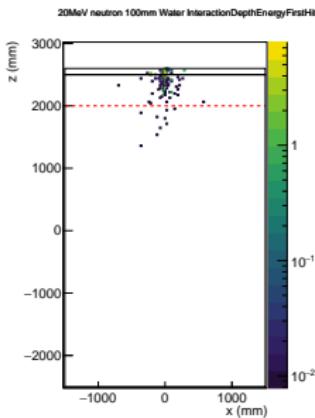
Neutron 20 MeV interaction depth vs energy



Neutron 20 MeV interaction depth first hit

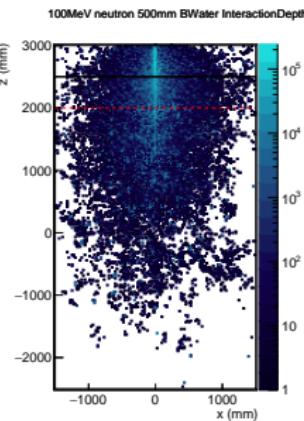
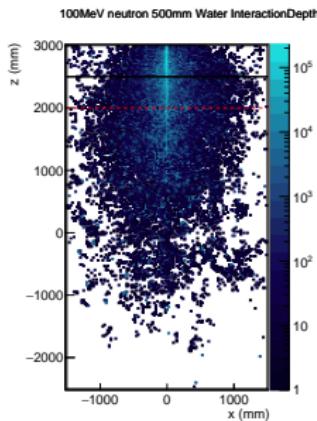
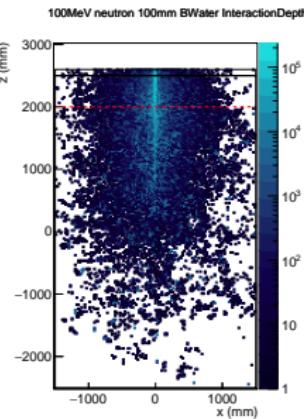
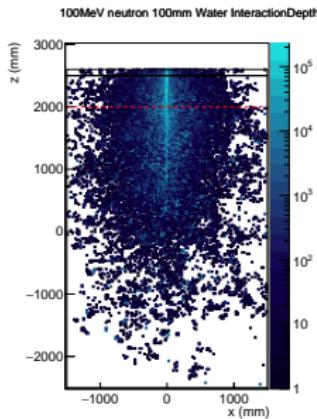


Neutron 20 MeV interaction depth vs energy first hit

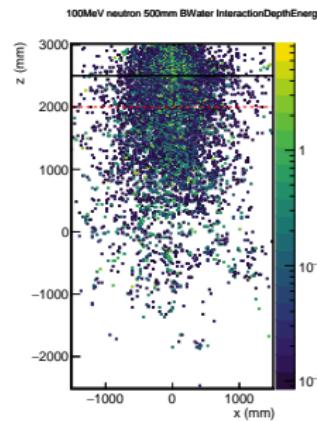
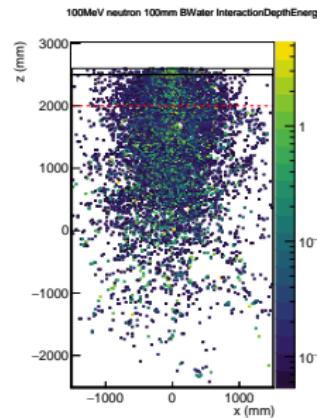
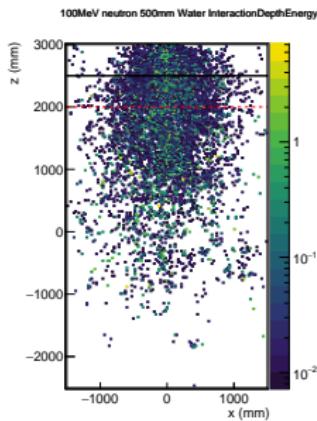
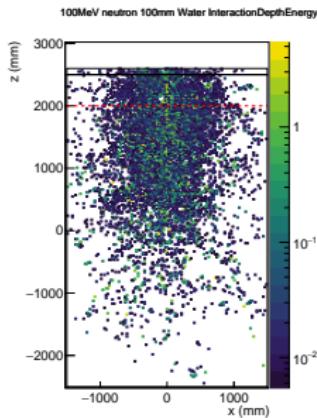


100 MeV

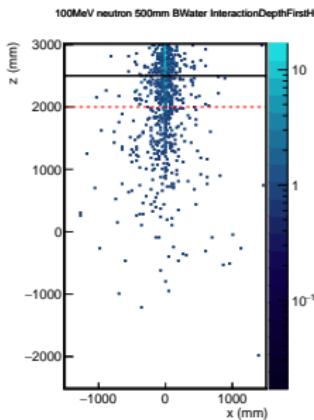
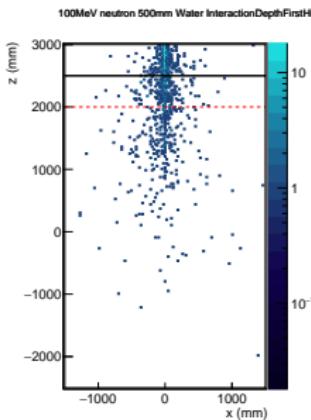
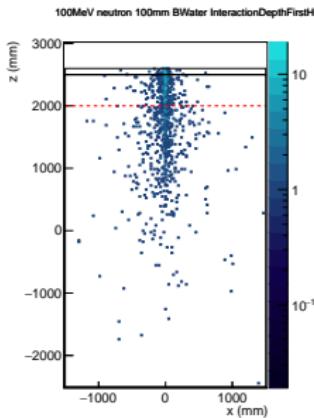
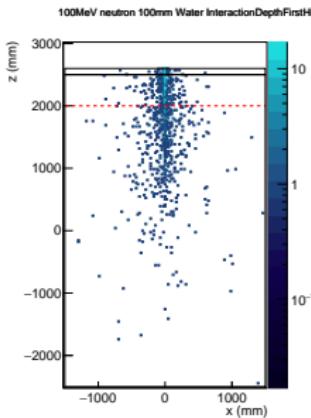
Neutron 100 MeV interaction depth



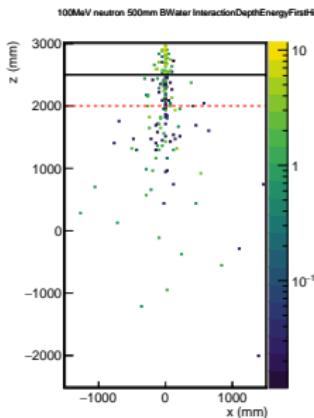
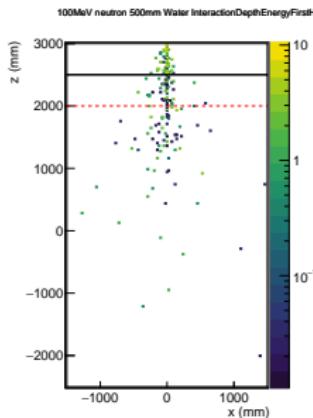
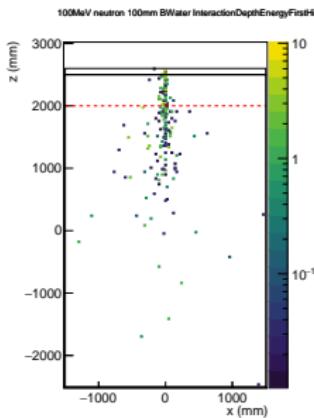
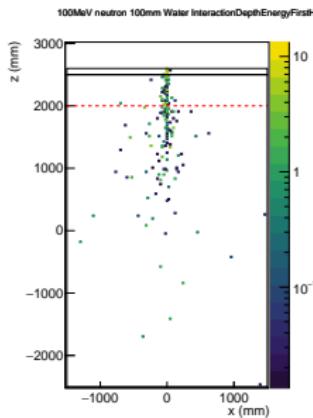
Neutron 100 MeV interaction depth vs energy



Neutron 100 MeV interaction depth first hit

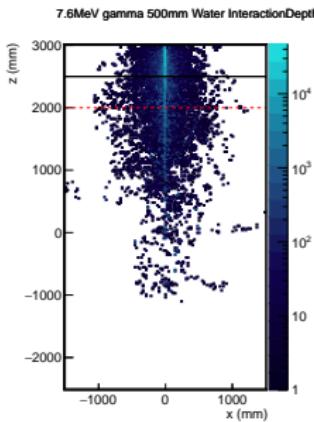
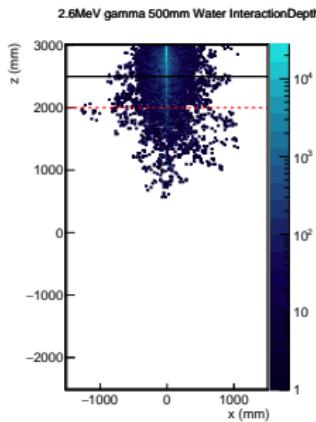
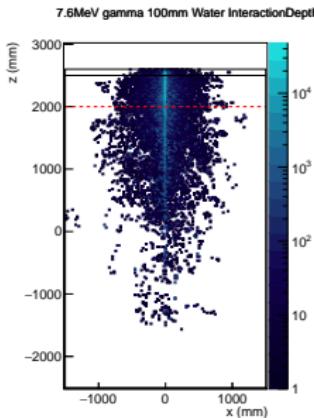
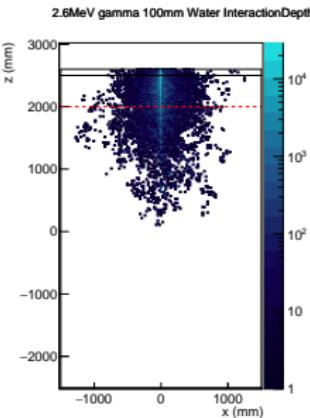


Neutron 100 MeV interaction depth vs energy first hit

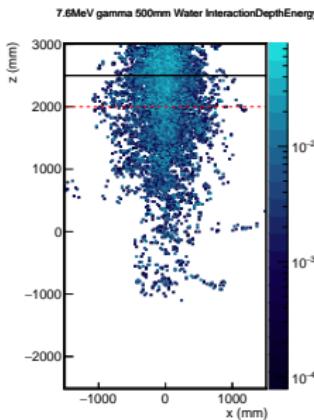
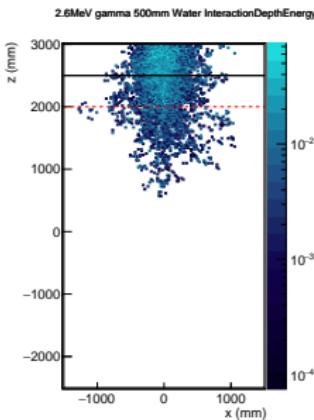
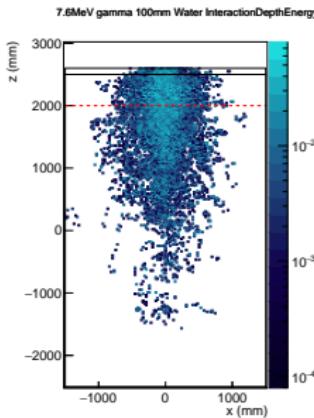
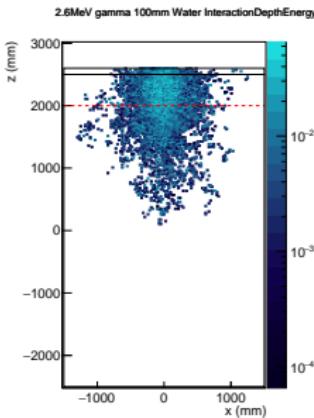


Gammas

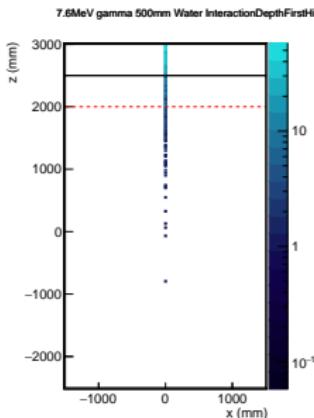
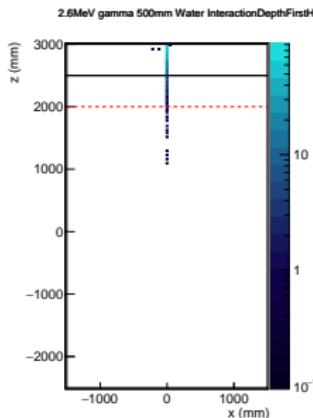
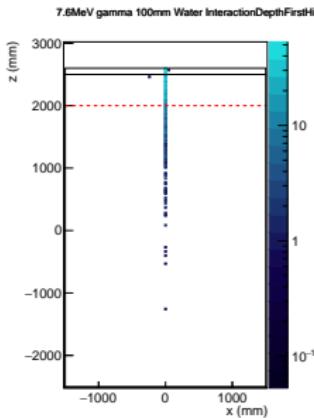
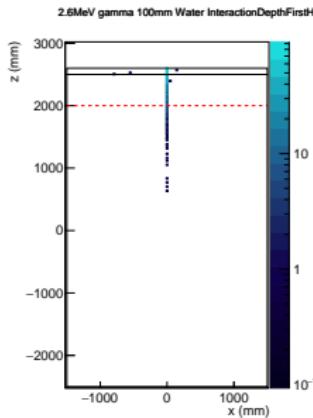
Gamma interaction depth



Gamma interaction depth vs energy



Gamma interaction depth first hit



Gamma interaction depth vs energy first hit

