

Water veto simulations

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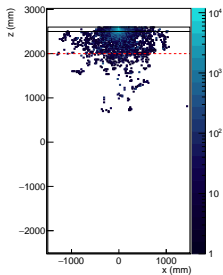
June 23, 2023

Neutrons

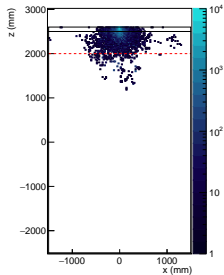
1 MeV

Neutron 1 MeV interaction depth

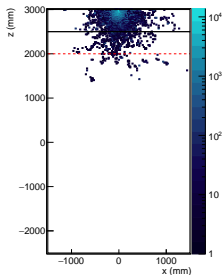
1MeV neutron 100mm Water InteractionDepth



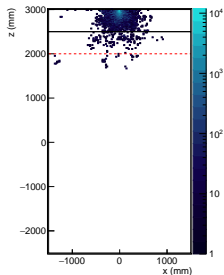
1MeV neutron 100mm BWater InteractionDepth



1MeV neutron 500mm Water InteractionDepth

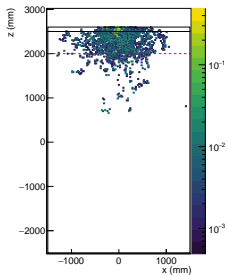


1MeV neutron 500mm BWater InteractionDepth

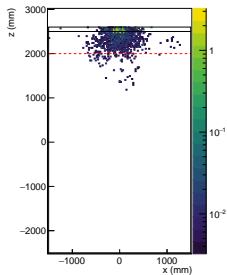


Neutron 1 MeV interaction depth vs energy

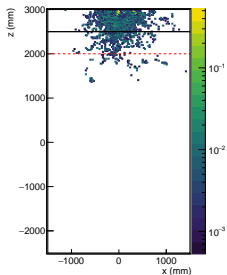
1MeV neutron 100mm Water InteractionDepthEnergy



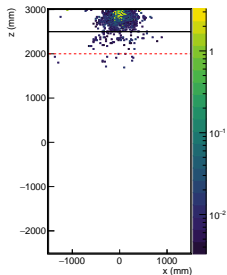
1MeV neutron 100mm BWater InteractionDepthEnergy



1MeV neutron 500mm Water InteractionDepthEnergy

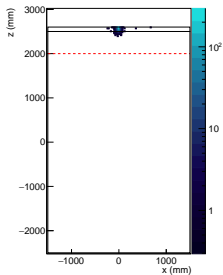


1MeV neutron 500mm BWater InteractionDepthEnergy

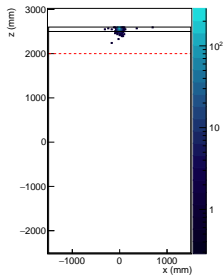


Neutron 1 MeV interaction depth first hit

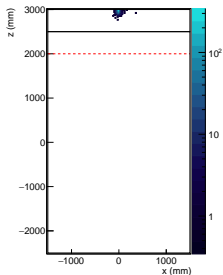
1MeV neutron 100mm Water InteractionDepthFirstHit



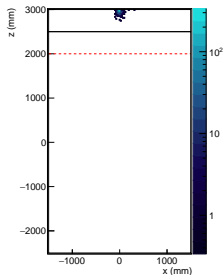
1MeV neutron 100mm BWater InteractionDepthFirstHit



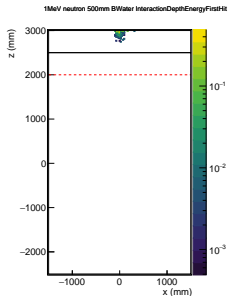
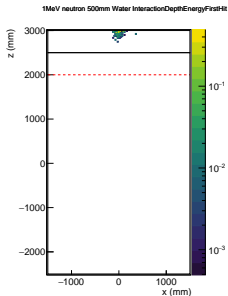
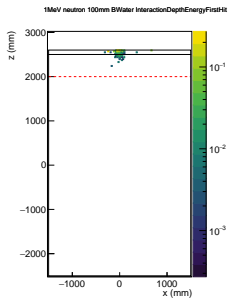
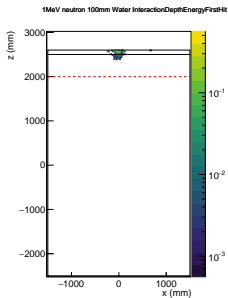
1MeV neutron 500mm Water InteractionDepthFirstHit



1MeV neutron 500mm BWater InteractionDepthFirstHit

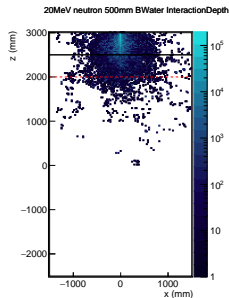
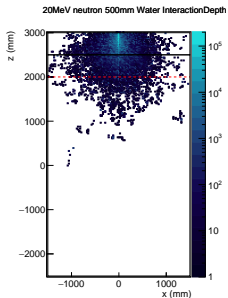
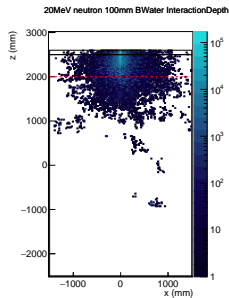
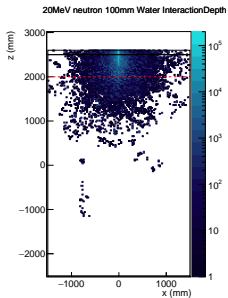


Neutron 1 MeV interaction depth vs energy first hit

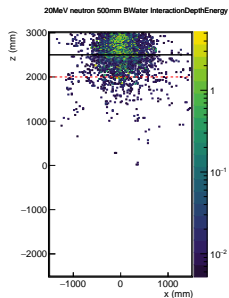
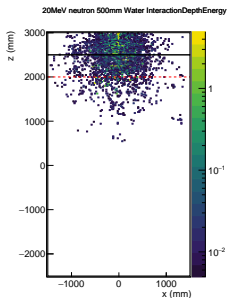
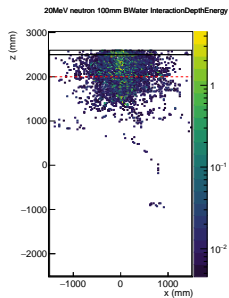
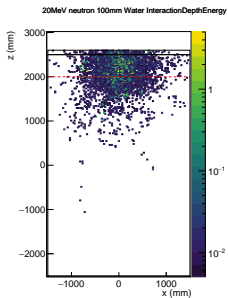


20 MeV

Neutron 20 MeV interaction depth

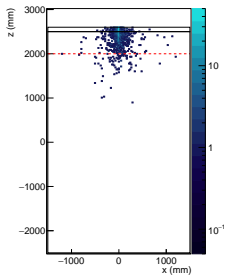


Neutron 20 MeV interaction depth vs energy

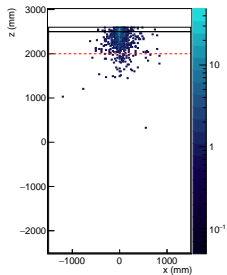


Neutron 20 MeV interaction depth first hit

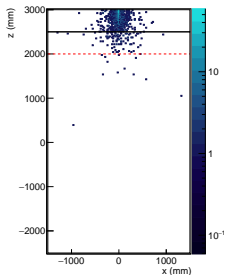
20MeV neutron 100mm Water InteractionDepthFirstHit



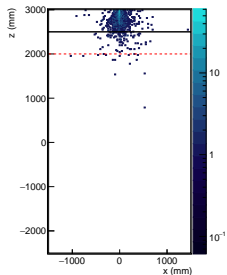
20MeV neutron 100mm BWater InteractionDepthFirstHit



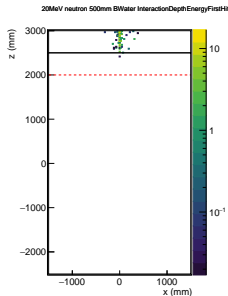
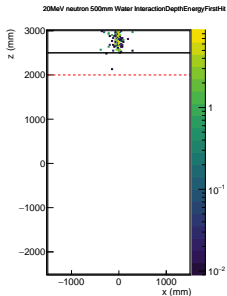
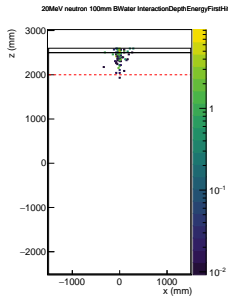
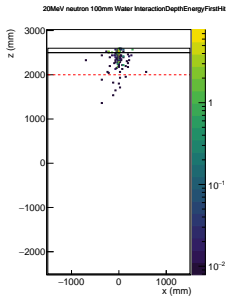
20MeV neutron 500mm Water InteractionDepthFirstHit



20MeV neutron 500mm BWater InteractionDepthFirstHit



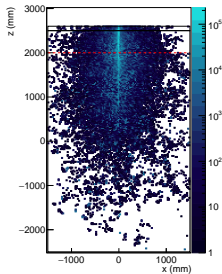
Neutron 20 MeV interaction depth vs energy first hit



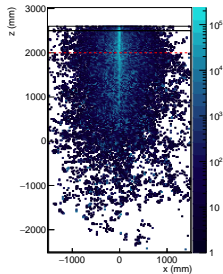
100 MeV

Neutron 100 MeV interaction depth

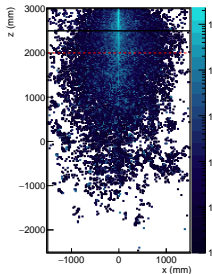
100MeV neutron 100mm Water InteractionDepth



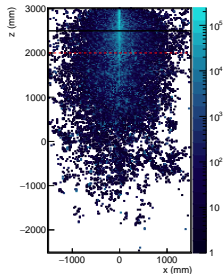
100MeV neutron 100mm BWater InteractionDepth



100MeV neutron 500mm Water InteractionDepth

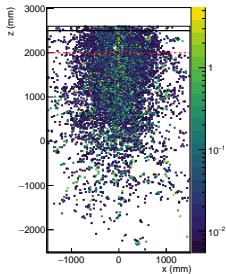


100MeV neutron 500mm BWater InteractionDepth

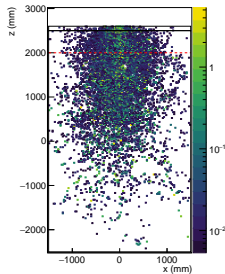


Neutron 100 MeV interaction depth vs energy

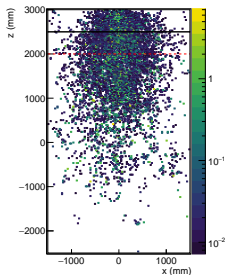
100MeV neutron 100mm Water InteractionDepthEnergy



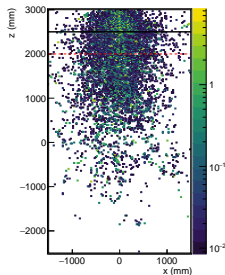
100MeV neutron 100mm BWater InteractionDepthEnergy



100MeV neutron 500mm Water InteractionDepthEnergy

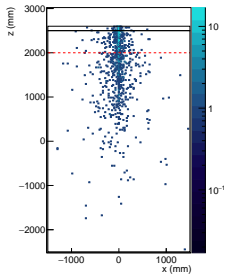


100MeV neutron 500mm BWater InteractionDepthEnergy

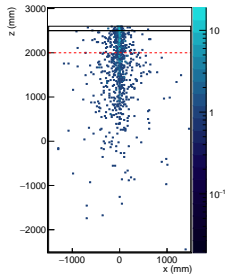


Neutron 100 MeV interaction depth first hit

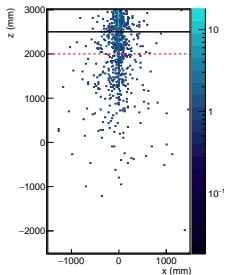
100MeV neutron 100mm Water InteractionDepthFirstHit



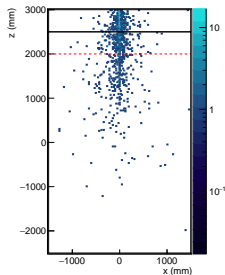
100MeV neutron 100mm BWater InteractionDepthFirstHit



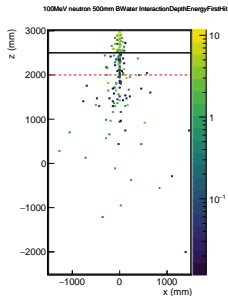
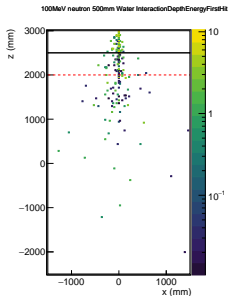
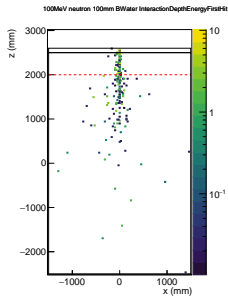
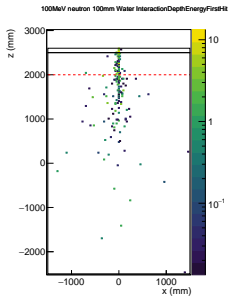
100MeV neutron 500mm Water InteractionDepthFirstHit



100MeV neutron 500mm BWater InteractionDepthFirstHit



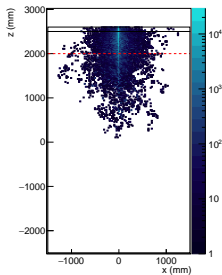
Neutron 100 MeV interaction depth vs energy first hit



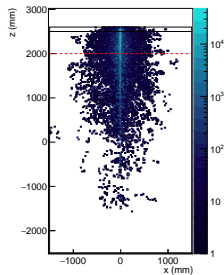
Gammas

Gamma interaction depth

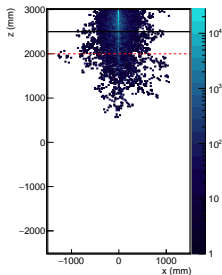
2.6MeV gamma 100mm Water InteractionDepth



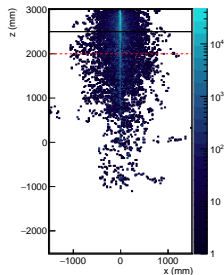
7.6MeV gamma 100mm Water InteractionDepth



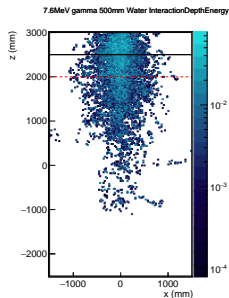
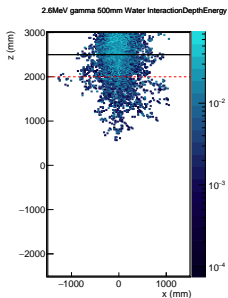
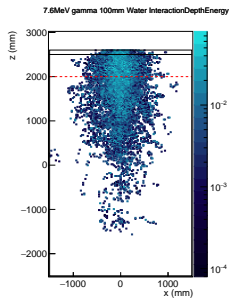
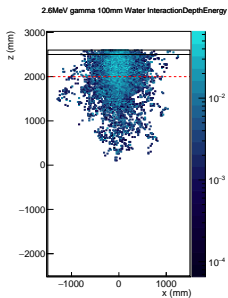
2.6MeV gamma 500mm Water InteractionDepth



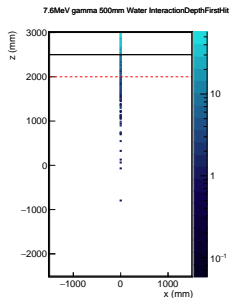
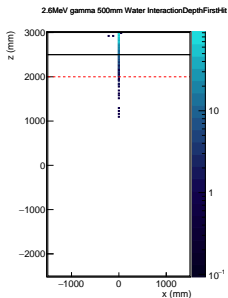
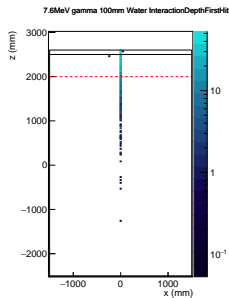
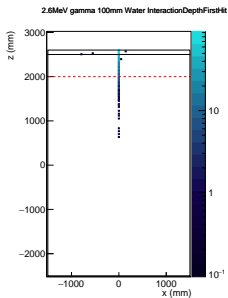
7.6MeV gamma 500mm Water InteractionDepth



Gamma interaction depth vs energy



Gamma interaction depth first hit



Gamma interaction depth vs energy first hit

