

Owen Mannion
Results Final Draft

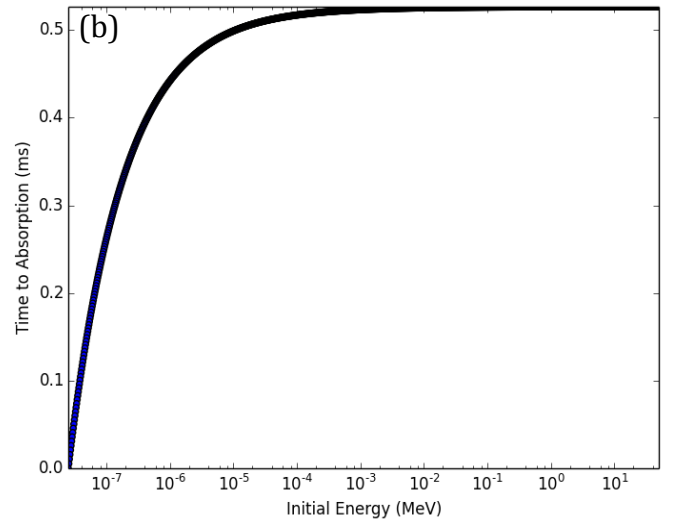
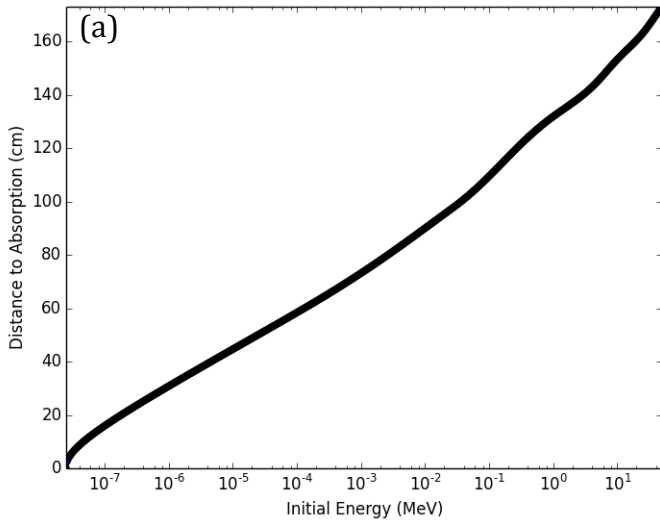


Fig. 1 Constant Scattering Angle: (a) Distance until absorption vs. initial energy of neutron. (b) Time until absorption vs. initial energy of neutron.

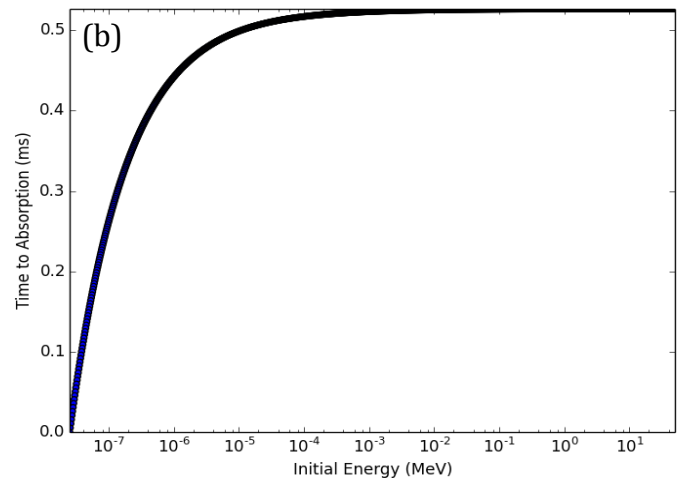
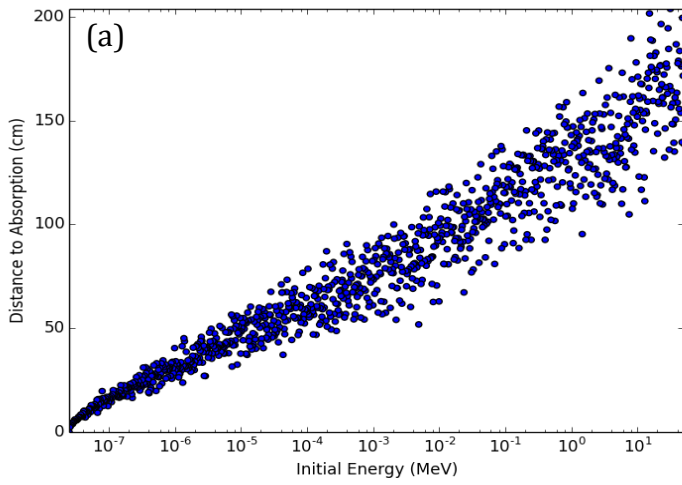


Fig. 2 Varying Scattering Angle: (a) Distance until absorption vs. initial energy of neutron. (b) Time until absorption vs. initial energy of neutron.

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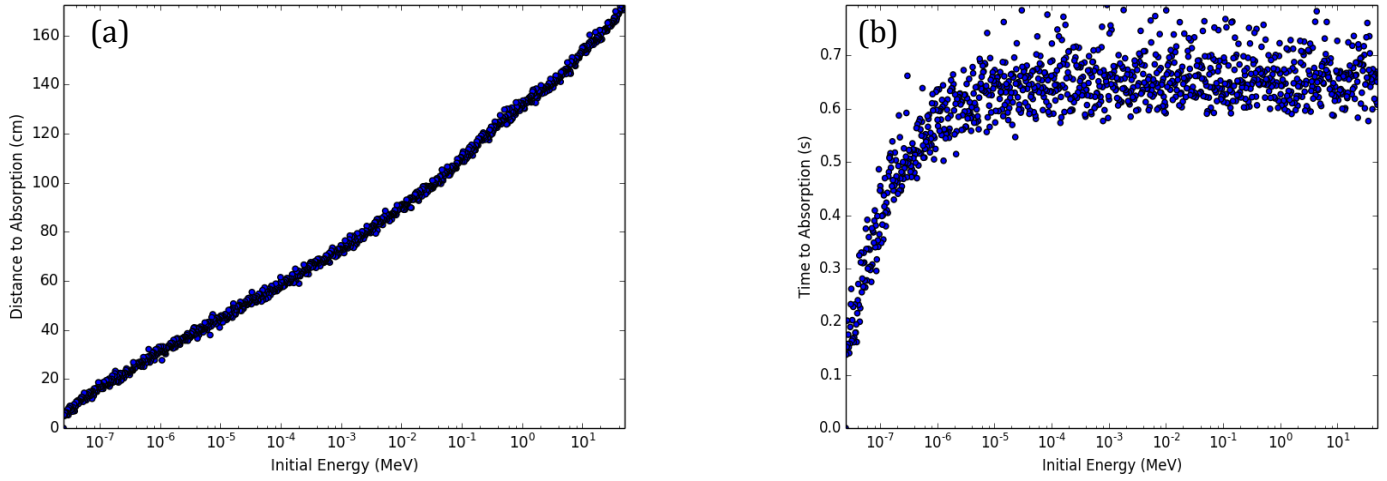


Fig. 3 Constant scattering angle including thermal walk: (a) Distance until absorption vs. initial energy of neutron (b) Time until absorption vs. initial energy of neutron.

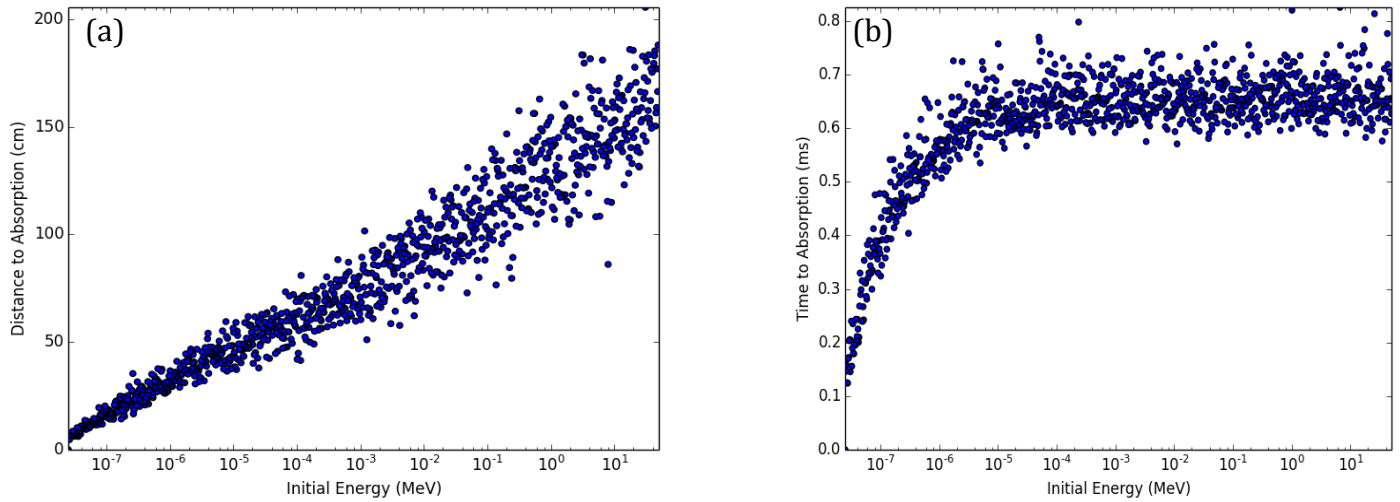


Fig. 4 Varying scattering angle including thermal walk: (a) Distance until absorption vs. initial energy of neutron. (b) Time until absorption vs. initial energy of neutron.

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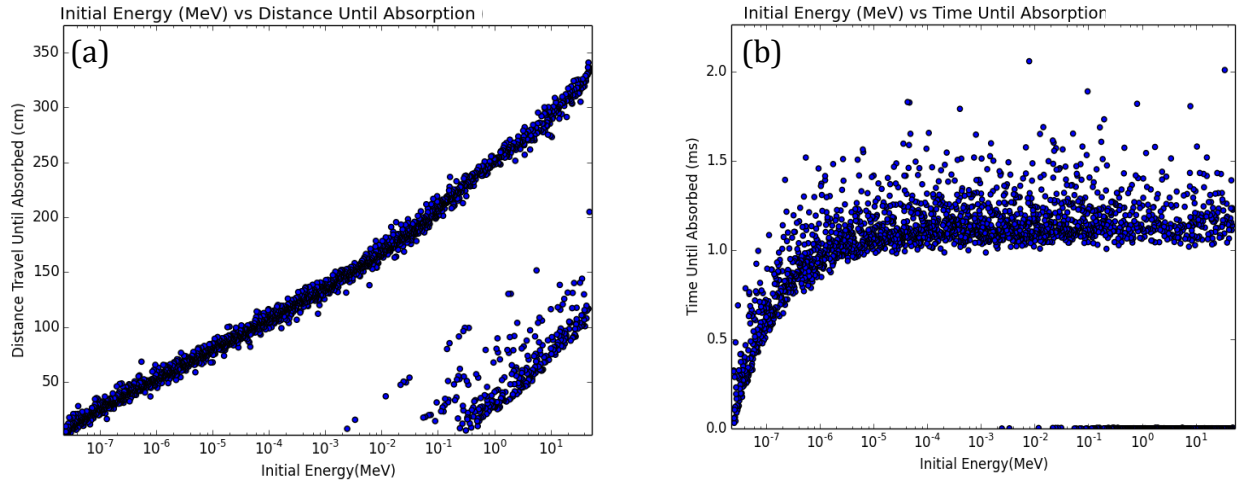


Fig. 5 Constant scattering angle including thermal walk and nuclear resonances: (a) Distance until absorption vs. initial energy of neutron. (b) Time until absorption vs. neutron initial energy

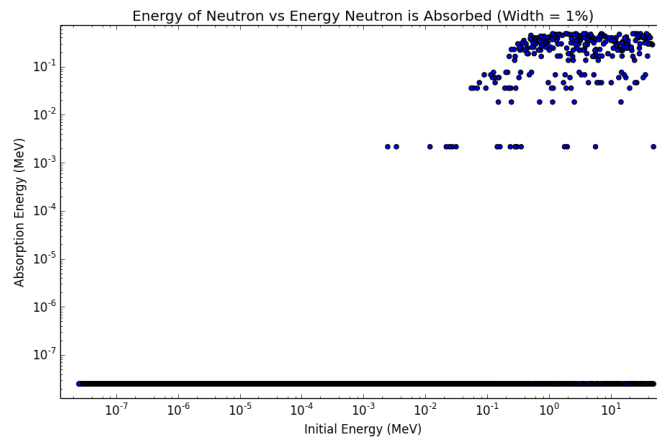


Fig. 6 Neutron absorption energy vs. neutron initial energy

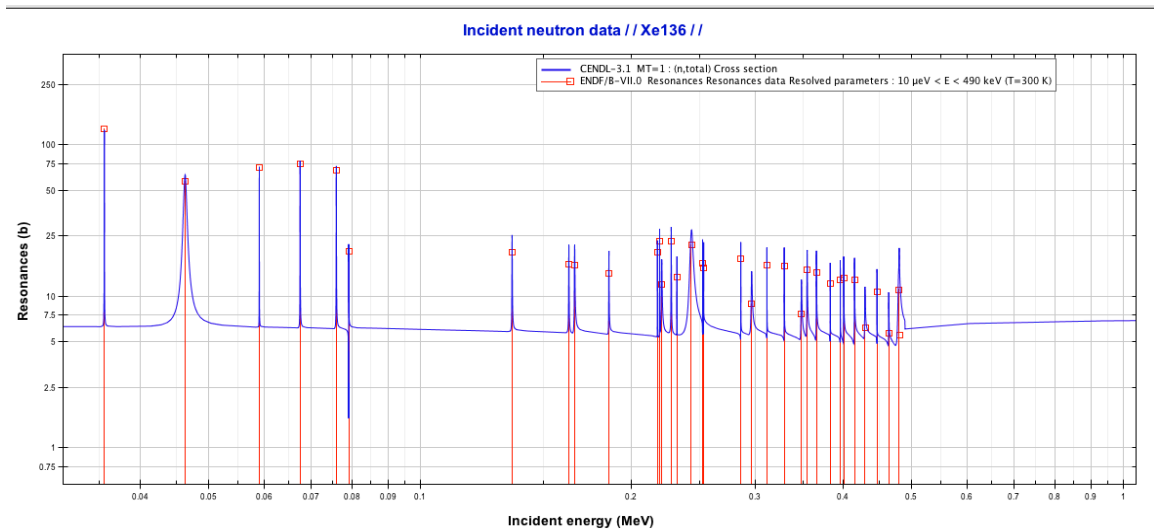


Fig. 7 Nuclear resonances taken from CENDL database.