How many scatters with 1H and with 235U, on the average, would it take for 2 Mev neutrons to reach an average thermal energy of 0.025 eV?

Discuss the relative merits of water and graphite for use in a thermal reactor.

Plot the thermal fission factor for uranium as a function of its atom-% enrichment in 235U.

Consider a homogeneous mixture of fully enriched 235U and graphite. Plot *k∞* versus N235 */*N*c.* What is the fuel-to-moderator ratio that yields the maximum value of *k∞*?