

Abstract Submitted
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Comparison of Several Approaches to the Nuclear Incompression Modulus DAVID HUDSON, 10 Hitching Post Rd., Bozeman, MT — The nuclear incompressibility modulus (K) is an important factor for determining the equation of state of nuclear matter. It is however, not a directly measurable quantity. In this presentation, I compare two complementary approaches for determining K . One is the excitation of Giant Monopole and Giant Dipole Resonances by alpha particle scattering. The other is by alpha decay. The role of various assumptions and input uncertainties in the analysis and their relation to the value of K will be discussed.

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