

Manifestations of Triaxiality in Mo and Ru Nuclei

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In the present work we investigate the presence of triaxial deformation in Mo and Ru isotopes. We present experimental indicators of triaxiality and address the issue of the distinction between soft and rigid triaxial behavior. Quantitative results for the nuclei under study are obtained by means of the Algebraic Collective Model as well as mean-field calculations using Skyrme-Hartree-Fock functionals.