

Hypernuclei with a Microscopic Lambda-Nucleon Force

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We determine properties of lambda hypernuclei in an extended Skyrme-Hartree-Fock model employing recent modern nucleonic Skyrme forces together with a microscopic lambda-nucleon interaction derived from Brueckner-Hartree-Fock calculations of hypernuclear matter with the Nijmegen soft-core hyperon-nucleon potentials. Recent results regard in particular deformed and neutron-rich hypernuclei close to the dripline.