

1.5: Low-Energy Nuclear Physics

The field of low-energy nuclear physics, which concentrates mainly on structure of and low-energy reaction on nuclei, has become one of the smaller parts of nuclear physics (apart from in the UK). Notable results have included better understanding of the nuclear medium, high-spin physics, super deformation and halo nuclei. Current experimental interest is in those nuclei near the “drip lines” which are of astrophysical importance, as well as of other interest.

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