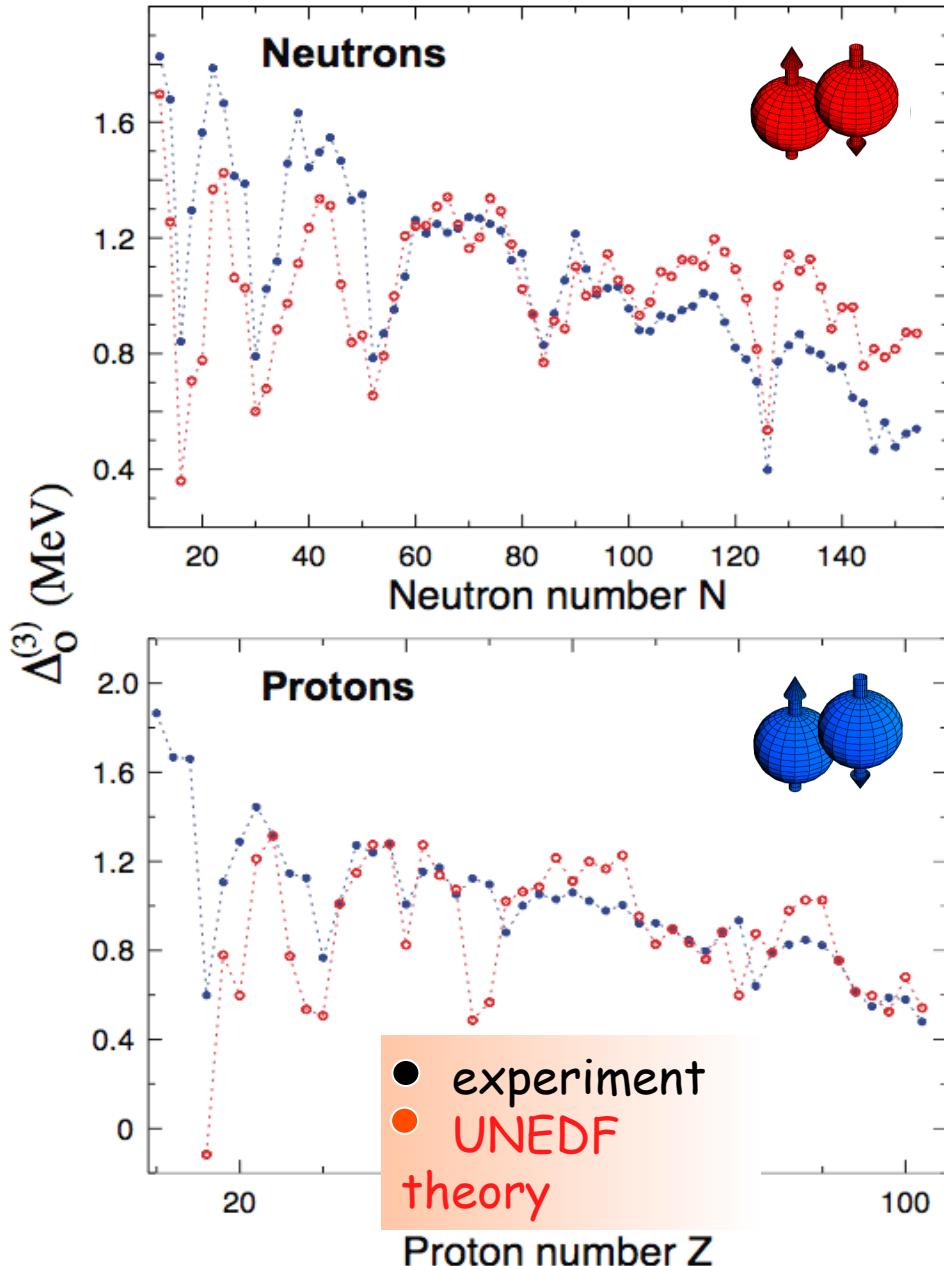
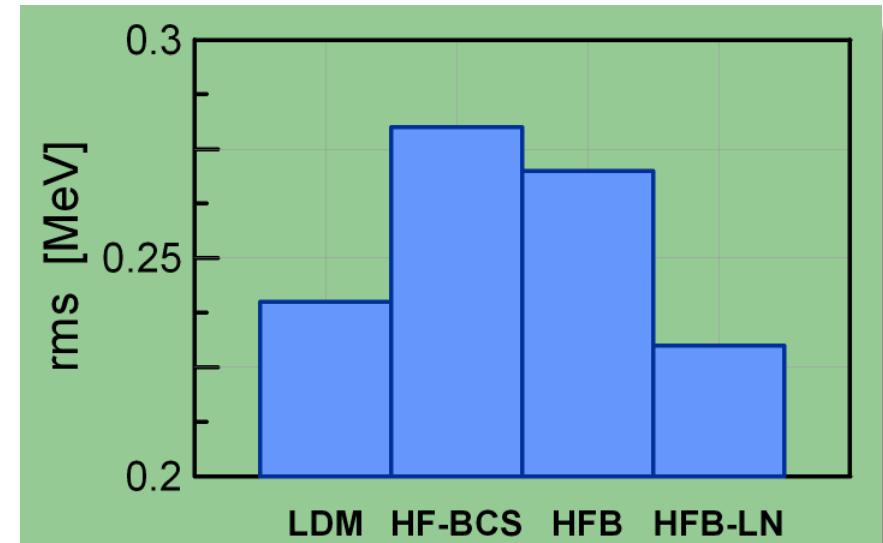


The uNclear Nuclear Pairing



Reducing the knowledge gap

- Pairing correlations play an important role in finite and also infinite nuclear systems, e.g. in neutron stars. A clear understanding of the microscopic foundation of the pairing functional is still lacking.
- Mass tables for a thousand even-even and odd-even nuclei have been studied using different forms and methodologies for the pairing mechanism.
- New functional forms for the nucleon-nucleon pairing interaction were proposed.



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Universal Nuclear Energy Density Functional