



独立行政法人理化学研究所 仁科加速器研究センター
第176回 RIBF核物理セミナー

RIKEN Nishina Center for Accelerator Based Science
The 176th RIBF Nuclear Physics Seminar

Nuclear symmetry energy from nuclear observables

*This seminar is co-organized with iTHES, RIKEN.

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(Saha Institute of Nuclear Physics (Kolkata) /iTHES visitor)

The nature of equation of state for the neutron star matter is crucially governed by the density dependence of the nuclear symmetry energy. The density content of nuclear symmetry energy remains yet poorly constrained. I would present our recent results on the density content of the nuclear symmetry energy around the saturation density extracted using accurately known nuclear observables such as nuclear masses, iso-vector giant resonances and neutron-skin thickness in heavy nuclei.

March 25 (Tue.) 2014 15:30 ~
RIBF Hall (rm.201), RIBF bldg., RIKEN

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