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Nuclear Energy $\hat{=}$ Binding energy = the amount of energy released when a nucleus is formed. $\hat{=}$ Binding energy per nucleon generally increases from small atoms to atoms with a mass number around 56.

PowerPoint Chapter 18: Nuclear Chemistry

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Magnetic refrigeration - Wikipedia

Nuclear magnetic resonance (NMR) is a physical phenomenon in which nuclei in a strong static magnetic field are perturbed by a weak oscillating magnetic field (in the near field and therefore not involving electromagnetic waves) and respond by producing an electromagnetic signal with a frequency characteristic of the magnetic field at the nucleus. This process occurs near resonance, when the ...

Nuclear magnetic resonance - Wikipedia

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