

Neutron energies

- high energy neutrons ($E > 100 \text{ MeV}$)
 - fast neutrons (from fission process): $E \sim 1 \text{ MeV}$
 - epithermal neutrons: $E > 0.4 \text{ eV}$
 - *thermal neutrons: $E \sim 25 \text{ meV}$*
 - *cold neutrons: $E \sim 4 \text{ meV}$*
 - ultra-cold neutrons: $E \sim 100 \text{ neV}$
- Includes 15 orders of magnitude in energy