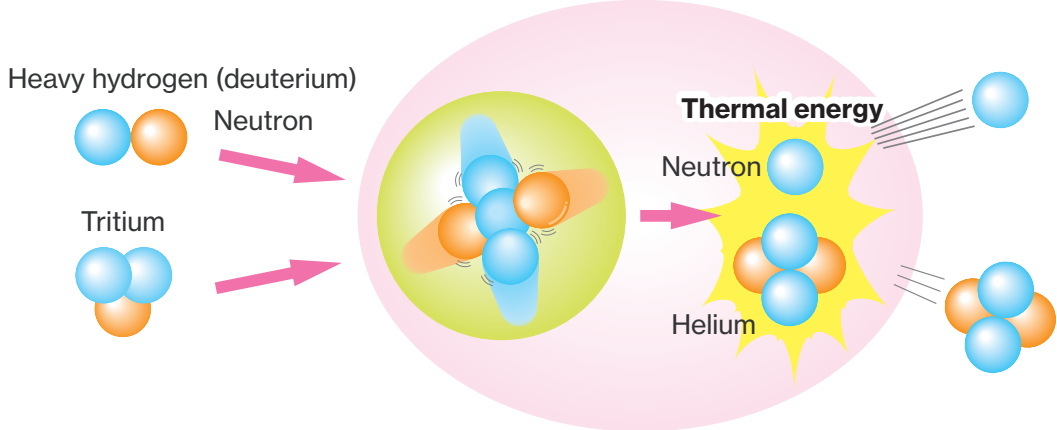
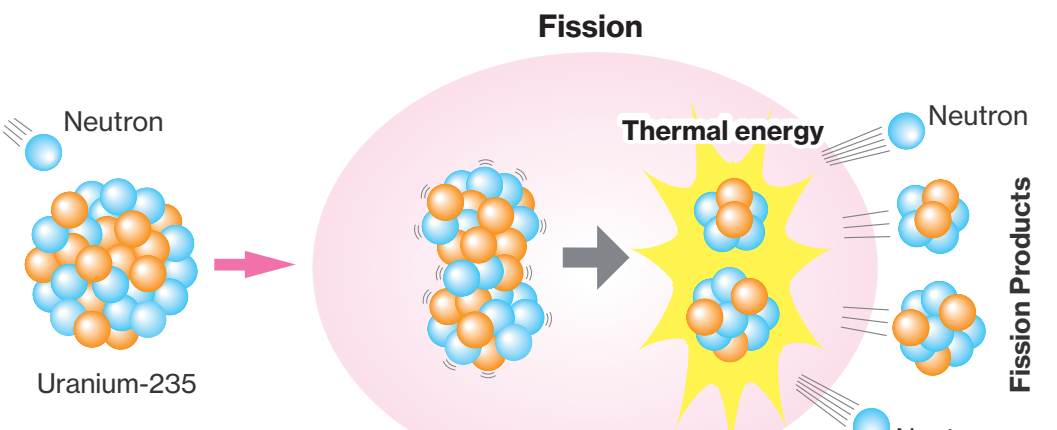


# Nuclear Fusion and Nuclear Fission

	Reaction Overview (Visualization)	Generated Energy Amount *	Main Fuel	Status of Power Generation Technology Development (● Current Stage)
Nuclear Fusion	<p><b>Fusion</b></p>  <p>Heavy hydrogen (deuterium) Tritium Neutron Thermal energy Neutron Helium</p>	17.6MeV	Deuterium Tritium	● Experimental reactor ↓ Prototype reactor (demonstration reactor) ↓ Commercial reactor
Nuclear Fission	<p><b>Fission</b></p>  <p>Neutron Uranium-235 Thermal energy Neutron Fission Products Neutron</p>	200MeV	Uranium-235 Plutonium-239	Experimental reactor ↓ Prototype reactor (demonstration reactor) ↓ ● Commercial reactor

\* Generated Energy Amount: In terms of mass comparison, nuclear fusion is nearly five times more advantageous.