

Radioactive Nucleus



$^{238}_{92}\text{U}$

Radiation

New Nucleus

Alpha Particle



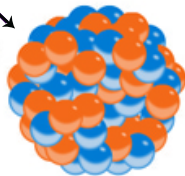
$^4_2\text{He}$



Neutron



Proton



$^{234}_{90}\text{Th}$