

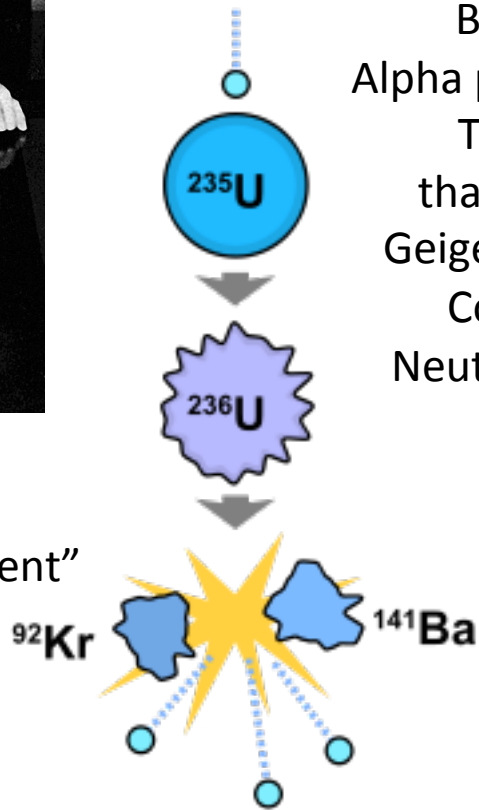
Sir James Chadwick 1891-1974

Britany

Nobel 1935



Head of the English team
In "Manhattan project".
Presented in "trinity experiment"



Uranium nuclei decay
After colision with neutrons

Indirectly discovered Neutron
By bombarding Berilium with energetic
Alpha particles (from Polonium radioactive decay)
The neutrons were absorbed in paraffin
that emitted protons which he detected by
Geiger counters. From energy and momentum
Conservation Chaswick determined that
Neutron has Proton mass without the charge.

