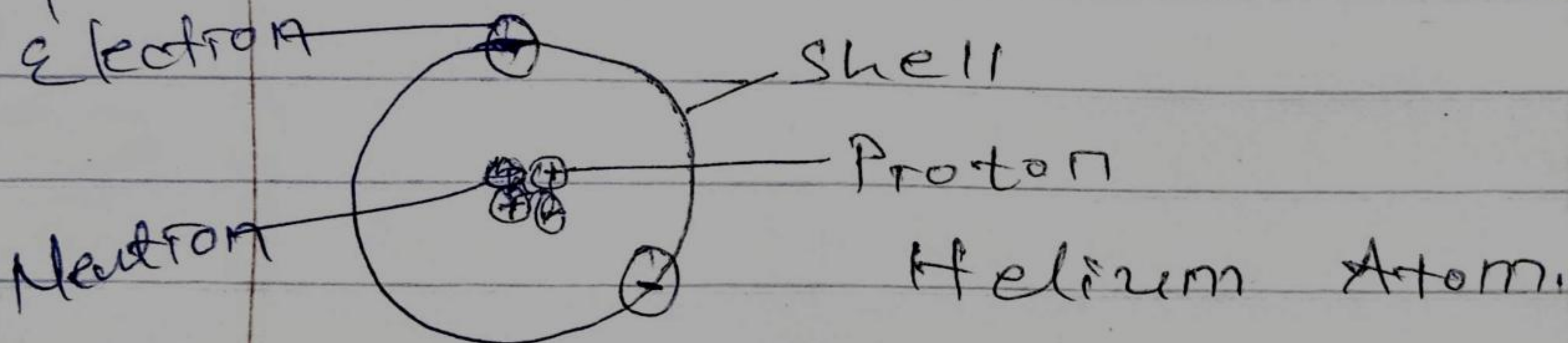


saying that "Atoms sometimes eject far smaller negative particles called ELECTRON".
 MILLIKAN OIL DROP (1913) also discovered the charge of an electron.

⇒ ~~Ernest~~ GEIGER & MARSDEN carrying out the famous ERNEST RUTHERFORD experiment, fired Helium nuclei at a piece of gold foil which was few atoms thick. They found most of them passed through. Protons & Neutrons are located in the nucleus.



Atomic Number = Proton Number
 Proton + Neutron = Atomic Mass

1 amu P^+ ; 1 amu N
 $\frac{1}{1822}$ amu e^-