

Thomson

Bohr

nucleus

v.  
charges



"No, no, you're not thinking; you're just being logical."

What is the modern day model of Thomson's Plum Pudding model, how about Bohr's model? The Plum Pudding model is like a chocolate chip cookie and Bohr's model resembles the orbit of planets around the sun.

electrons

How did Bohr think that the electrons were in orbits? He said that the electrons were held in orbits by the electric force that attracts negatively charged electrons to the positively charged nucleus.

positive

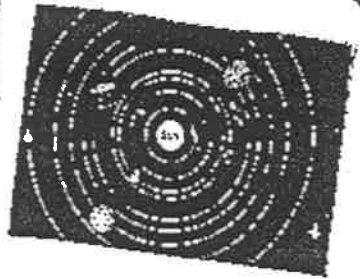
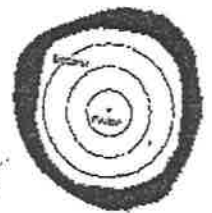
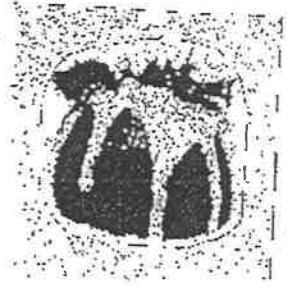
atoms

Bohr and Thomson, in my opinion, were the two scientists that together made the first model most similar to the model we use today of an atom. Bohr, using Thomson's previous discoveries of the negatively charged electrons, determined that electrons were on orbits outside of the nucleus. The model that Bohr created is called the Planetary Model. His model has now been replaced with the Mechanical Wave Model.



Protons

"To the electron: may it never be of any use!"



orbit