

Rutherford's Gold Foil Experiment

1. Draw a labelled diagram showing the experiment for how Rutherford improved our understanding of the atom



2. Draw a labelled diagram of how Rutherford thought the atom was structured



3. What did Rutherford and his team expect to see when they fired these particles at the thin gold foil?

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4. What were the observations of the experiment?

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5. Explain why these observations happened

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