

CONCEPT: TYPES OF RADIATION

Nuclear Reactions deal with chemical processes in _____ nuclei atoms.

Unlike normal chemical reactions where the identity of the elements stay the same, nuclear reactions often result in elements changing into _____ elements.

Early studies of radioactive nuclei by the British physicist Ernest Rutherford in 1897 shows that there are three common types of radiation and nuclear reactions:

- _____
- _____
- _____