

Nuclear Physics

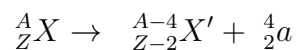
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1 Types of radiation

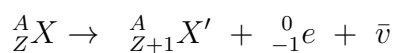
1.1 α -radiation

Alpha Radiation or *Alpha Decay* is when a particle releases another particle as it decays.



1.2 β -radiation

Beta Radiation or *Beta Decay* is when a particle releases an electron and a neutrino as it decays, by a neutron splitting into an electron and a proton.



Sidenote:

Since elements release electrons as they decay, and gain a proton, the element itself changes to the next element over in the periodic table.

1.3 γ -radiation