

Key TERMS

Strong	an attractive force between
Nuclear	protons and neutrons that keep
Force	the nucleus together
Weak	responsible for the radioactive
Nuclear	decay of certain nuclei
Force	
Electrostatic	the force that exists between
	charged particle. (opposites
	attract)
Half-life	The half-life of a radioactive
	isotope is the time taken for
	activity to halve.

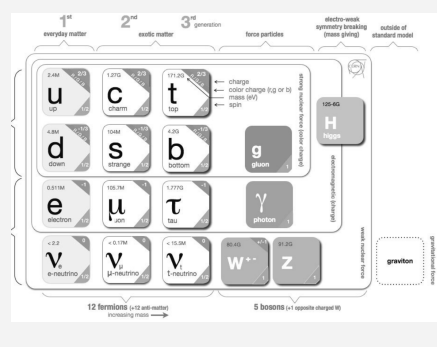
Activity

1 Becquerel (Bq) = 1 ionizing particle
detected per second.
Bq = Particles detected/time (s)

Rate of Decay

Activity (Bq) = -Rate of decay

Fundamental particle



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Not published yet.
Last updated 12th March, 2023.
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