Particle	Symbol	Composition	Charge	Mass
Particle	•	Composition	Charge	IVIdSS
Alpha	⁴ Η <i>e</i> α	Helium Nuclei	+2	4 amu
Shielding	Approx. Energy	Penetrating Power	Change to Mass #	Change to Atomic #
Paper Clothing	5MeV	Low 0.05mm body tissue	-4	-2
Particle	Symbol	Composition	Charge	Mass
Beta	e ⁻ β	Like an electron	-1	1/1837 th amu basically 0
Shielding	Approx. Energy	Penetrating Power	Change to Mass #	Change to Atomic #
Aluminum foil	0.05- 1MeV	Moderate 4mm body tissue	0	+1
Particle	Symbol	Composition	Charge	Mass
Gamma	γ	High energy electromagnetic radiation	0	0
Shielding	Approx. Energy	Penetrating Power	Change to Mass #	Change to Atomic #
Lead Concrete	1MeV	High Penetrates easily	0	0
	1MeV	_	•	0 ositron

Dautiala	Complete	Commonition	Chausa	Mass
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Shielding	Approx. Energy	Penetrating Power	Change to Mass #	Change to Atomic #
Lead Concrete	1MeV	High Penetrates easily	0	0
Proton		Neutron	Positron	
¹ ₁ p)	$_{0}^{1}n$	*10 +10	

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