

DECAY PRODUCTS				TRANSMUTATION CONTRIBUTION TO	
LETTER	SYMBOL	NAME	CHARGE	ATOMIC #	MASS #
α	${}^4_2\text{He}^{+2}$	alpha particle (Helium nucleus)	+2	2	4
β^-	${}_{-1}e^-$	beta particle (electron)	-1	-1	0
γ		gamma ray (photon, high energy form of light)	0	0	0
β^+	${}_{+1}e^+$	positron (antielectron)	+1	+1	0
ν		neutrino (high energy subatomic particle)	0	0	0
n	1_0n	neutron (subatomic hadron particle)	0	0	1