

Table 1. Decay properties of nuclei.

Isotope	Decay mode	Half-life	E_α (MeV)	Q_α (MeV)	Isotope	Decay mode	Half-life	E_α (MeV)	Q_α (MeV)
$^{288}_{115}$	α	87^{+105}_{-30} ms	10.46 ± 0.06	10.61 ± 0.06	$^{287}_{115}$	α	32^{+155}_{-14} ms	10.59 ± 0.09	10.74 ± 0.09
$^{284}_{113}$	α	$0.48^{+0.58}_{-0.17}$ s	10.00 ± 0.06	10.15 ± 0.06	$^{283}_{113}$	α	100^{+490}_{-45} ms	10.12 ± 0.09	10.26 ± 0.09
^{280}Rg	α	$3.6^{+4.3}_{-1.3}$ s	9.75 ± 0.06	9.87 ± 0.06	^{279}Rg	α	170^{+810}_{-80} ms	10.37 ± 0.16	10.52 ± 0.16
^{276}Mt	α	$0.72^{+0.87}_{-0.25}$ s	9.71 ± 0.06	9.85 ± 0.06	^{275}Mt	α	$9.7^{+46}_{-4.4}$ ms	10.33 ± 0.09	10.48 ± 0.09
$^{272}\mathbf{107}$	α	$9.8^{+11.7}_{-3.5}$ s	9.02 ± 0.06	9.15 ± 0.06	$^{271}\mathbf{107}$	α	—	—	—
^{268}Ns	SF(α /EC)	16^{+19}_{-6} h			^{267}Ns	SF	73^{+350}_{-33} min		