

^{258}Rf $Z = 104$ $N = 154$ adopted link ENSDF link

Based on ENSDF from Oct 2022, and mass evaluation from 2020

BE = 1904.692 (0.016) MeV

Qbeta+ = 1.662 (0.016) MeV

	Energy T	J+	J-	J-other	T1/2

S-alpha=	-9.196 (0.019)				
258RF	1 0.000	0+			1 12.0 MS 12

S-p	= 3.663 (0.016)				
S-n	= 7.593 (0.019)				
S-2p	= 6.057 (0.018)				
S-2n	= 14.020 (0.024)				
S-alpha=	-9.196 (0.019)				

S+p	= -1.642 (0.059)				
S+n	= -5.951 (0.016)				
S+2p	= -4.375 (0.026)				
S+2n	= -13.328 (0.260)				
S+alpha	= 9.600 (0.027)				

gap p	= 2.020 (0.061)				
gap n	= 1.642 (0.025)				
gap 2p	= 1.682 (0.032)				
gap 2n	= 0.692 (0.262)				
gap alpha	= 0.404 (0.033)				