

^{133}Pm $Z = 61$ $N = 72$ adopted link ENSDF link

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

BE = 1091.170 (0.050) MeV

Qbeta+ = 6.925 (0.069) MeV

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

S-alpha=	-1.941 (0.058)				
133PM 1			0.000	(3/2+)	1 13.5 S 21

S-p = 1.271 (0.056)-----

S-n = 11.806 (0.141)-----

S-2p = 5.685 (0.069)-----

S-2n = 21.817 (0.267)-----

S-alpha= -1.941 (0.058)-----

S+p = -3.208 (0.143)

S+n = -9.428 (0.065)

S+2p = -3.275 (0.144)

S+2n = -20.797 (0.097)

S+alpha = 2.837 (0.050)

gap p = -1.938 (0.154)

gap n = 2.378 (0.156)

gap 2p = 2.410 (0.160)

gap 2n = 1.020 (0.284)

gap alpha = 0.896 (0.077)