

^{128}Cs $Z = 55$ $N = 73$ adopted link ENSDF link

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

BE = 1076.031 (0.005) MeV

Qbeta+ = 3.929 (0.005) MeV

	Energy T	J+	J-	J-other	T1/2
128CS	1 0.000	1+			1 3.640 M 14
128CS	2			0.188	2
128CS	3			0.215 0-,1	3
128CS	4			0.229 0-,1	4
128CS	5 0.273	1+			5
128CS	6			0.317 0-,1	6
128CS	7			0.359 0-,1	7
128CS	8			0.375 (1+)	8

S-p = 4.900 (0.007)-----

S-n = 7.763 (0.008)-----

S-2p = 12.599 (0.007)-----

S-2n = 17.724 (0.012)-----

S-alpha= 0.992 (0.006)-----

S+p = -6.418 (0.012)

S+n = -9.639 (0.007)

S+2p = -10.274 (0.026)

S+2n = -17.111 (0.010)

S+alpha = -0.217 (0.037)

gap p = -1.518 (0.014)

gap n = -1.876 (0.010)

gap 2p = 2.326 (0.027)

gap 2n = 0.613 (0.015)

gap alpha = 0.776 (0.037)