

^{134}Sm $Z = 62$ $N = 72$ adopted link ENSDF link

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

BE = 1094.378 (-0.134) MeV

Qbeta+ = 5.437 (0.140) MeV

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

S-alpha=	-2.844	(-0.137)	-----		
134SM	1 0.000	0+			1 9.5 S 8
134SM	2 0.163	2+			2 0.42 NS 4
134SM	3 0.479	4+			3 19.3 PS 10
134SM	4 0.897	6+			4 4.4 PS 5
134SM	5 1.388	8+			5 2.2 PS 3
134SM	6 1.952	10+			6
134SM	7 2.594	12+			7

S-p = 3.208 (-0.143)-----

S-n = 12.157 (-0.298)-----

S-2p = 4.479 (-0.136)-----

S-2n = 22.274 (-0.296)-----

S-alpha= -2.844 (-0.137)-----

S+p = -0.067 (-0.190)

S+n = -9.602 (-0.205)

S+2p = -2.326 (-0.303)

S+2n = -21.627 (-0.135)

S+alpha = 3.218 (-0.192)

gap p = 3.141 (0.238)

gap n = 2.556 (0.361)

gap 2p = 2.153 (0.332)

gap 2n = 0.647 (0.325)

gap alpha = 0.373 (0.236)