

^{162}Sm $Z = 62$ $N = 100$ adopted link ENSDF link

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

BE = 1313.427 (0.004) MeV

Qbeta- = 4.344 (0.004) MeV

	Energy T	J+	J-	J-other	T1/2
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162SM 1	0.000	0+			1 2.4 S 5

S-p = 11.582 (0.010)-----

S-n = 5.778 (0.008)-----

S-2p = 22.233 (0.047)-----

S-2n = 10.289 (0.004)-----

S-alpha= 2.969 (0.004)-----

S+p = -9.484 (0.004)

S+n = -4.292 (0.008)

S+2p = -19.892 (0.004)

S+2n = -9.689 (0.005)

S+alpha = -2.417 (0.004)

gap p = 2.098 (0.010)

gap n = 1.486 (0.011)

gap 2p = 2.340 (0.047)

gap 2n = 0.600 (0.007)

gap alpha = 0.552 (0.005)