

^{26}Ne $Z = 10$ $N = 16$ adopted link ENSDF link

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

BE = 201.550 (0.018) MeV

Qbeta- = 7.342 (0.019) MeV

	Energy T	J+	J-	J-other	T1/2
26NE 1	0.000	0+			1 197 MS 2
26NE 2	2.018	2+			2 0.60 PS 8
26NE 3				3.517 (3+,4+)	3
26NE 4				3.691 (2+)	4
26NE 5				3.815 (0+)	5
26NE 6				5.361 (3+,4+)	6
S-n =	5.555 (0.034)				
26NE 7				9.000	7

S-p = 18.142 (0.098)-----

S-n = 5.555 (0.034)-----

S-2p = 32.597 (0.166)-----

S-2n = 9.710 (0.018)-----

S-alpha= 11.227 (0.060)-----

S+p = -13.288 (0.019)

S+n = -1.502 (0.093)

S+2p = -30.079 (0.018)

S+2n = -5.324 (0.127)

S+alpha = -11.787 (0.018)

gap p = 4.854 (0.100)

gap n = 4.053 (0.099)

gap 2p = 2.518 (0.167)

gap 2n = 4.386 (0.129)

gap alpha = -0.561 (0.063)