

^{17}Ne $Z = 10$ $N = 7$ adopted link ENSDF link

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

BE = 112.888 (0.000) MeV

Qbeta+ = 14.549 (0.000) MeV

	Energy T	J+	J-	J-other	T1/2
17NE 1			0.000 3/ 1/2-		1 109.2 MS 6
17NE 2			0.000 1/2-		2 109.2 MS 6
S-2p =	0.933 (0.001)				
17NE 3				1.288 (3/2,1/2)-	3
S-p =	1.464 (0.005)				
17NE 4				1.749 (5/2,7/2)-	4
17NE 5				1.908 1/2+, (3/2,5/2)+	5
17NE 6				2.651	6
17NE 7				2.997 (7/2,5/2)-	7
17NE 8				3.415 (5/2-)	8
17NE 9				3.548 (9/2,11/2)-	9
17NE 10				4.010 (3/2,5/2)+	10
17NE 11				4.487	11
17NE 12				5.141	12
17NE 13				5.300	13
17NE 14				5.722	14
17NE 15				6.132	15
17NE 16				6.366	16
S-p =	1.464 (0.005)				
S-n =	15.558 (0.020)				
S-2p =	0.933 (0.001)				
S-2n =	39.858 (0.067)				
S-alpha =	9.040 (0.010)				
S+p =	1.249 (0.094)				
S+n =	-19.254 (0.001)				
S+2p =	0.760 (0.060)				
S+2n =	-30.891 (0.000)				
S+alpha =	-8.022 (0.001)				
gap p =	2.712 (0.094)				
gap n =	-3.697 (0.020)				
gap 2p =	1.693 (0.060)				
gap 2n =	8.967 (0.067)				
gap alpha =	1.018 (0.010)				