

^{25}Ne $Z = 10$ $N = 15$ adopted link ENSDF link

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

BE = 195.995 (0.029) MeV

Qbeta- = 7.322 (0.029) MeV

	Energy T	J+	J-	J-other	T1/2
25NE 1	0.000	1/2+			1 602 MS 8
25NE 2				1.703 (5/2,3/2)+	2
25NE 3				2.090 (3/2,5/2)+	3
25NE 4				3.316	4
25NE 5				3.324 (3/2,5/2,7/2)+	5
25NE 6				3.891 (3/2,5/2,7/2)+	6
25NE 7				4.070	7
S-n =	4.155 (0.029)				
25NE 8				4.700	8
25NE 9				6.280	9
S-p =	16.869 (0.102)				
S-n =	4.155 (0.029)				
S-2p =	31.235 (0.125)				
S-2n =	13.024 (0.029)				
S-alpha=	12.522 (0.031)				
S+p =	-12.114 (0.029)				
S+n =	-5.555 (0.034)				
S+2p =	-27.129 (0.029)				
S+2n =	-7.056 (0.095)				
S+alpha =	-11.002 (0.029)				
gap p =	4.755 (0.106)				
gap n =	-1.400 (0.045)				
gap 2p =	4.106 (0.128)				
gap 2n =	5.968 (0.100)				
gap alpha =	1.521 (0.043)				