

$^{28}\text{Ne}$        $Z = 10$        $N = 18$       adopted link      ENSDF link

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

BE = 206.874 ( 0.126) MeV

Qbeta- = 12.288 ( 0.126) MeV

	Energy T	J+	J-	J-other	T1/2
28NE 1	0.000	0+			1 20 MS 1
S-p	= 21.123 ( 0.174)				
S-n	= 3.822 ( 0.155)				
S-2p	= 37.939 ( 0.208)				
S-2n	= 5.324 ( 0.127)				
S-alpha	= 9.626 ( 0.208)				
S+p	= -15.909 ( 0.126)				
S+n	= -0.971 ( 0.196)				
S+2p	= -34.759 ( 0.126)				
S+2n	= -4.162 ( 0.283)				
S+alpha	= -14.554 ( 0.126)				
gap p	= 5.214 ( 0.215)				
gap n	= 2.851 ( 0.250)				
gap 2p	= 3.180 ( 0.243)				
gap 2n	= 1.162 ( 0.310)				
gap alpha	= -4.928 ( 0.243)				