

$^{31}\text{Ne}$        $Z = 10$        $N = 21$       adopted link      ENSDF link

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

BE = 211.206 ( 0.266) MeV

Qbeta- = 18.936 ( 0.267) MeV

	Energy T	J+	J-	J-other	T1/2
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31NE 1				0.000 (3/2-)	1 3.4 MS 8
S-n =	0.170 ( 0.367)	-----			
31NE 2				0.300	2
31NE 3				1.092	3
31NE 4				1.500	4
31NE 5				2.292	5
31NE 6				2.535	6
S-2n =	3.361 ( 0.305)	-----			
31NE 7				3.735	7
S-p =	25.056 ( 0.575)	-----			
S-n =	0.170 ( 0.367)	-----			
S-2p =	0.000 ( 0.000)	-----			
S-2n =	3.361 ( 0.305)	-----			
S-alpha=	15.915 ( 0.578)	-----			
S+p =	-19.830 ( 0.269)				
S+n =	-2.266 ( 0.577)				
S+2p =	-40.797 ( 0.266)				
S+2n =	-1.182 ( 0.651)				
S+alpha =	-17.967 ( 0.379)				
gap p =	5.225 ( 0.635)				
gap n =	-2.096 ( 0.684)				
gap 2p =	0.000 ( 0.000)				
gap 2n =	2.179 ( 0.719)				
gap alpha =	-2.052 ( 0.691)				