

$^{29}\text{Na}$        $Z = 11$        $N = 18$       adopted link      ENSDF link

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

BE = 222.782 ( 0.007) MeV

Qbeta- = 13.292 ( 0.007) MeV

	Energy T	J+	J-	J-other	T1/2
29NA 1	0.000	3/2+			1 44.1 MS 9
29NA 2				0.072 (5/2+)	2
29NA 3				1.249	3
29NA 4				1.588	4
29NA 5				3.059	5
29NA 6				3.723	6
29NA 7				4.166	7

S-p = 15.909 ( 0.126)-----

S-n = 4.403 ( 0.013)-----

S-2p = 37.031 ( 0.120)-----

S-2n = 7.945 ( 0.008)-----

S-alpha= 11.079 ( 0.097)-----

S+p = -18.850 ( 0.007)

S+n = -2.277 ( 0.009)

S+2p = -32.209 ( 0.008)

S+2n = -6.577 ( 0.016)

S+alpha = -13.602 ( 0.010)

gap p = -2.942 ( 0.126)

gap n = 2.126 ( 0.015)

gap 2p = 4.823 ( 0.121)

gap 2n = 1.368 ( 0.018)

gap alpha = -2.523 ( 0.097)