

^{25}Na $Z = 11$ $N = 14$ adopted link ENSDF link

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

BE = 202.535 (0.001) MeV

Qbeta- = 3.835 (0.001) MeV

	Energy T	J+	J-	J-other	T1/2
25NA 1	0.000	5/2+			1 59.1 S 6
25NA 2	0.090	3/2+			2 5.1 NS 3
25NA 3	1.069	1/2+			3 1.32 PS 14
25NA 4	2.202	3/2+			4 25 FS 4
25NA 5				2.416	5 140 FS 100
25NA 6				2.788	(1/2+,3/2,5/2-) 6 173 FS 34
25NA 7	2.914	5/2+			7 10 FS 4
25NA 8				3.353	8 16 FS 5
25NA 9				3.455	9 146 FS 17
25NA 10				3.687	(3/2)+ 10 18 FS 8
25NA 11				3.928	(1/2+) 11 28 FS LT
25NA 12				3.950	(1/2+,3/2,5/2+) 12 83 FS LT
25NA 13			3.995	1/2-	13 31 FS 7
25NA 14				4.132	14 16 FS 6
25NA 15	4.289	1/2+			15
25NA 16				4.340	16
25NA 17				4.450	17
25NA 18				4.710	18
25NA 19				4.800	19
25NA 20				4.962	20
25NA 21				5.146	21
25NA 22			5.190	3/2-	22
25NA 23				5.223	23
25NA 24				5.347	24
25NA 25				5.378	25
25NA 26				5.465	26
25NA 27				5.484	27
25NA 28			5.690	3/2-	28
25NA 29				5.713	29
25NA 30				5.746	30
25NA 31				5.876	31
25NA 32				6.005	(1/2,3/2)- 32
25NA 33				6.079	33
25NA 34				6.154	34
25NA 35			6.549	3/2-	35
25NA 36				6.753	36
25NA 37				6.863	37

25NA	38				6.936		38
25NA	39				6.985		39
25NA	40		7.603	3/2-			40

25NA	41				7.780		41
25NA	42				8.052	(1/2,3/2)-	42
25NA	43				8.400		43

S-p = 10.695 (0.001)-----
 S-n = 9.011 (0.001)-----
 S-2p = 27.221 (0.033)-----
 S-2n = 15.971 (0.001)-----
 S-alpha= 11.735 (0.002)-----

S+p = -14.146 (0.001)
 S+n = -5.574 (0.004)
 S+2p = -22.417 (0.001)
 S+2n = -12.303 (0.004)
 S+alpha = -11.275 (0.001)

gap p = -3.451 (0.002)
 gap n = 3.437 (0.004)
 gap 2p = 4.804 (0.033)
 gap 2n = 3.668 (0.004)
 gap alpha = 0.460 (0.002)