

$^{35}\text{Na}$        $Z = 11$        $N = 24$       adopted link      ENSDF link

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

BE = 236.075 (-0.665) MeV

Qbeta- = 22.176 ( 0.718) MeV

	Energy T	J+	J-	J-other	T1/2
35NA	1			0.000	1 1.5 MS 5
35NA	2			0.000 (3/2+)	2 1.8 MS 5
35NA	3			0.373 (5/2+)	3
35NA	4			1.014 (7/2+)	4
35NA	5			0.000 (3/2+)	5

S-p = 22.317 (-0.838)-----

S-n = 1.936 (-0.895)-----

S-2p = 0.000 (-0.000)-----

S-2n = 2.107 (-0.803)-----

S-alpha= 21.438 (-0.849)-----

S+p = -24.724 (-0.958)

S+n = 0.023 (-0.954)

S+2p = -42.584 (-0.689)

S+2n = -0.836 (-0.968)

S+alpha = -18.769 (-0.735)

gap p = -2.407 ( 1.273)

gap n = 1.959 ( 1.308)

gap 2p = 0.000 ( 0.000)

gap 2n = 1.271 ( 1.257)

gap alpha = 2.669 ( 1.122)