

^{43}V $Z = 23$ $N = 20$ adopted link ENSDF link

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

BE = 346.989 (0.043) MeV

Qbeta+ = 11.399 (0.043) MeV

	Energy T	J+	J-	J-other	T1/2

43V 1				0.000	1 79.3 MS 24
S-alpha=	6.169 (0.049)	-----			
S-p =	0.101 (0.043)	-----			
S-2p =	3.852 (0.043)	-----			
43V 2				8.250 (3/2+)	2
S-p =	0.101 (0.043)	-----			
S-n =	18.381 (0.214)	-----			
S-2p =	3.852 (0.043)	-----			
S-2n =	34.364 (0.209)	-----			
S-alpha=	6.169 (0.049)	-----			
S+p =	-2.795 (0.067)				
S+n =	-13.963 (0.043)				
S+2p =	-1.626 (0.318)				
S+2n =	-30.113 (0.043)				
S+alpha =	-7.075 (0.053)				
gap p =	-2.694 (0.079)				
gap n =	4.418 (0.219)				
gap 2p =	2.226 (0.321)				
gap 2n =	4.251 (0.214)				
gap alpha =	-0.906 (0.072)				