

^{66}As $Z = 33$ $N = 33$ adopted link ENSDF link

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

BE = 558.915 (0.006) MeV

Qbeta+ = 9.582 (0.006) MeV

	Energy T	J+	J-	J-other	T1/2
66AS 1				0.000 [0+]	1 95.77 MS 23
66AS 2				0.837 (1+)	2
66AS 3				0.964 (2+)	3
66AS 4				1.231 (3+)	4
66AS 5				1.357 (5+)	5 1.1 US 1
66AS 6				1.902 (5+)	6
S-alpha=	2.463 (0.006)	-----			
S-p =	2.836 (0.006)	-----			
66AS 7				2.909 (7+)	7
66AS 8				3.024 (9+)	8 8.2 US 5
66AS 9				3.864 (11+)	9
66AS 10				5.325 (13+)	10
66AS 11				5.811 (12)	11
66AS 12				6.533 (14)	12
S-2p =	7.770 (0.006)	-----			
66AS 13				7.795 (16)	13
66AS 14				9.793 (18)	14
66AS 15				3.024 (9+)	15 8.2 US 5
S-p =	2.836 (0.006)	-----			
S-n =	13.159 (0.085)	-----			
S-2p =	7.770 (0.006)	-----			
S-2n =	28.611 (0.192)	-----			
S-alpha=	2.463 (0.006)	-----			
S+p =	-1.844 (0.067)				
S+n =	-12.633 (0.006)				
S+2p =	-1.337 (0.272)				
S+2n =	-23.012 (0.006)				
S+alpha =	-1.825 (0.016)				
gap p =	0.992 (0.068)				
gap n =	0.526 (0.085)				
gap 2p =	6.433 (0.272)				
gap 2n =	5.598 (0.192)				
gap alpha =	0.638 (0.017)				