

$^{82}\text{As}$        $Z = 33$        $N = 49$       adopted link      ENSDF link

Based on ensdf\_240402 (Apr 2024), and mass evaluation from 2020

BE = 706.136 ( 0.004) MeV

Qbeta- = 7.488 ( 0.004) MeV

	Energy T	J+	J-	J-other	T1/2
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82AS 1			0.000 (2-)		1 19.1 S 5

S-p = 11.103 ( 0.004) -----  
 S-n = 5.643 ( 0.005) -----  
 S-2p = 25.460 ( 0.005) -----  
 S-2n = 14.034 ( 0.005) -----  
 S-alpha= 8.826 ( 0.004) -----

S+p = -12.524 ( 0.005)  
 S+n = -7.635 ( 0.005)  
 S+2p = -22.256 ( 0.026)  
 S+2n = -11.891 ( 0.005)  
 S+alpha = -7.952 ( 0.005)

gap p = -1.421 ( 0.006)  
 gap n = -1.992 ( 0.007)  
 gap 2p = 3.204 ( 0.026)  
 gap 2n = 2.143 ( 0.007)  
 gap alpha = 0.875 ( 0.006)