

^{67}As $Z = 33$ $N = 34$ adopted link ENSDF link

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

BE = 571.548 (0.000) MeV

Qbeta+ = 6.087 (0.004) MeV

	Energy T	J+	J-	J-other	T1/2
67AS 1				0.000 (5/2-)	1 42.5 S 12
67AS 2				0.069	2
67AS 3				0.352	3
67AS 4				0.697 (7/2)	4
67AS 5				1.104	5
67AS 6	1.423	9/2+			6 12 NS 2
S-p	= 2.269	(0.002)	-----		
67AS 7				2.282 (11/2+)	7
67AS 8				2.365 (13/2+)	8
S-alpha	= 2.465	(0.001)	-----		
67AS 9				3.180 (13/2+)	9
67AS 10				3.594 (17/2+)	10
67AS 11				3.886 (15/2+)	11
67AS 12				4.524 (19/2+)	12
67AS 13				4.951 (21/2+)	13
67AS 14				5.726 (25/2+)	14
67AS 15	6.710	29/2+			15
67AS 16				7.791 (33/2+)	16

S-p = 2.269 (0.002)-----
S-n = 12.633 (0.006)-----
S-2p = 8.508 (0.001)-----
S-2n = 25.793 (0.085)-----
S-alpha= 2.465 (0.001)-----

S+p = -4.891 (0.001)
S+n = -10.379 (0.002)
S+2p = -4.250 (0.042)
S+2n = -22.668 (0.032)
S+alpha = -2.340 (0.005)

gap p = -2.622 (0.003)
gap n = 2.255 (0.006)
gap 2p = 4.257 (0.042)
gap 2n = 3.125 (0.091)
gap alpha = 0.125 (0.006)