

^{75}As $Z = 33$ $N = 42$ adopted link ENSDF link

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

BE = 652.566 (0.001) MeV

	Energy T	J+	J-	J-other	T1/2
75AS 1			0.000	3/2-	1 STABLE
75AS 2			0.199	1/2-	2 885 PS 30
75AS 3			0.265	3/2-	3 11.2 PS 3
75AS 4			0.280	5/2-	4 273 PS 3
75AS 5	0.304	9/2+			5 17.62 MS 23
75AS 6	0.401	5/2+			6 1.67 NS 5
75AS 7			0.469	1/2-	7
75AS 8			0.572	5/2-	8 2.9 PS 3
75AS 9			0.585	1/2-	9
75AS 10				0.618 1/2-,3/2-	10
75AS 11			0.822	7/2-	11 3.0 PS 3
75AS 12	0.860	1/2+			12
75AS 13				0.865 (3/2-,5/2-)	13 0.60 PS 5
75AS 14				0.886	14
75AS 15			1.043	7/2-	15
75AS 16			1.063	3/2-	16
75AS 17			1.074	3/2-	17 0.199 PS 13
75AS 18				1.081 (5/2+)	18
75AS 19				1.096 (7/2-)	19
75AS 20				1.100 (5/2+,7/2-)	20
75AS 21				1.127 (1/2+)	21 1.02 PS 11
75AS 22				1.127 1/2-,3/2-	22
75AS 23				1.172 (1/2-:7/2-)	23
75AS 24			1.204	3/2-	24
75AS 25				1.260	25
75AS 26	1.261	9/2+			26
75AS 27	1.302	5/2+			27
75AS 28			1.309	7/2-	28
75AS 29			1.349	3/2-	29 0.125 PS 22
75AS 30				1.371 (3/2-)	30 0.15 PS 3
75AS 31				1.420 (5/2-)	31
75AS 32	1.430	9/2+			32
75AS 33			1.431	3/2-	33
75AS 34				1.503 3/2(+)	34
75AS 35			1.580	1/2-	35
75AS 36				1.595 +	36
75AS 37				1.606 1/2-,3/2-	37
75AS 38				1.655 3/2(+)	38

75AS 39						1.660	5/2-,7/2-	39
75AS 40						1.684	(3/2-)	40

75AS 41						1.688	1/2(-)	41
75AS 42				1.691	7/2-			42
75AS 43						1.765		43
75AS 44		1.808	9/2+					44
75AS 45						1.842		45
75AS 46				1.873	3/2-			46
75AS 47						1.901	(5/2+)	47
75AS 48		1.909	1/2+					48
75AS 49				1.928	7/2-			49
75AS 50						1.942	1/2-,3/2-	50

75AS 51						1.988	1/2	51
75AS 52						2.001	5/2	52
75AS 53						2.010	(5/2)	53
75AS 54						2.021	(1/2-,3/2+)	54
75AS 55						2.061		55
75AS 56						2.067	(5/2+)	56
75AS 57						2.098		57
75AS 58						2.104	1/2(+)	58
75AS 59				2.111	3/2-			59
75AS 60						2.148		60

75AS 61		2.160	1/2+					61
75AS 62						2.176	1/2	62
75AS 63						2.210	5/2-,7/2-	63
75AS 64						2.228	1/2-,3/2	64
75AS 65				2.238	3/2-			65
75AS 66						2.259	1/2	66
75AS 67						2.296	5/2-,7/2-	67
75AS 68						2.303	(3/2-,5/2+)	68
75AS 69						2.327		69
75AS 70						2.358		70

75AS 71				2.380	3/2-			71
75AS 72						2.419		72
75AS 73						2.446	1/2-,3/2-	73
75AS 74						2.469		74
75AS 75						2.485	1/2-,3/2-	75
75AS 76						2.503	(1/2-,3/2,5/2+)	76
75AS 77						2.508	(5/2+)	77
75AS 78						2.528		78
75AS 79						2.571	(5/2+)	79
75AS 80						2.595		80

75AS 81						2.609		81
75AS 82						2.663		82
75AS 83						2.683		83

75AS 84				2.798		84
75AS 85				2.920		85
75AS 86				2.938		86
75AS 87				3.046	1/2-,3/2-	87
75AS 88				3.099	(1/2-,3/2-)	88
75AS 89				3.152	(1/2-,3/2,5/2+	89)
75AS 90				3.222	1/2-,3/2-	90

75AS 91				3.308		91
75AS 92				3.355		92
75AS 93				3.414		93
75AS 94				3.460		94
75AS 95				3.565	(1/2-,3/2-)	95
75AS 96				3.608	(3/2+,5/2+)	96
75AS 97				3.716	(1/2-,3/2,5/2+)	97
75AS 98				3.778	(1/2-,3/2,5/2+)	98
75AS 99				3.869	(1/2-,3/2,5/2+)	99
75AS 100				3.906		100

S-alpha=	5.320	(0.001)	-----			
S-p	=	6.901	(0.001)	-----		
75AS 101				7.645	1/2(+)	101 1.3 FS 4
75AS 102				9.399		102

S-p	=	6.901	(0.001)	-----		
S-n	=	10.245	(0.002)	-----		
S-2p	=	17.913	(0.002)	-----		
S-2n	=	18.224	(0.004)	-----		
S-alpha=	5.320	(0.001)	-----			
S+p	=	-9.507	(0.001)			
S+n	=	-7.328	(0.001)			
S+2p	=	-14.779	(0.003)			
S+2n	=	-17.025	(0.002)			
S+alpha	=	-5.459	(0.001)			
gap p	=	-2.606	(0.001)			
gap n	=	2.917	(0.002)			
gap 2p	=	3.134	(0.004)			
gap 2n	=	1.199	(0.004)			
gap alpha	=	-0.139	(0.002)			