

$^{26}\text{Mg}$        $Z = 12$        $N = 14$       adopted link      ENSDF link

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

BE = 216.681 ( 0.000) MeV

	Energy T	J+	J-	J-other	T1/2
26MG 1	0.000	0+			1 STABLE
26MG 2	1.809	2+			2 476 FS 21
26MG 3	2.938	2+			3 141 FS 8
26MG 4				3.083	4
26MG 5				3.420	5
26MG 6				3.565	6
26MG 7	3.589	0+			7 6.45 PS 48
26MG 8	3.942	3+			8 0.83 PS 12
26MG 9	4.319	4+			9 272 FS 16
26MG 10	4.333	2+			10 20 FS 3
26MG 11	4.350	3+			11 105 FS 28
26MG 12				4.645	12
26MG 13	4.835	2+			13 28 FS 6
26MG 14	4.901	4+			14 29 FS 6
26MG 15	4.972	0+			15 446 FS 70
26MG 16				5.181	16
26MG 17	5.292	2+			17 10 FS LT
26MG 18	5.476	4+			18 21 FS 6
26MG 19				5.691 (1+)	19 8 FS LT
26MG 20				5.711 (1+,2+)	20
26MG 21	5.716	4+			21 53 FS 16
26MG 22	6.125	3+			22 14 FS 6
26MG 23	6.256	0+			23 53 FS 31
26MG 24				6.483	24
26MG 25				6.623 (4+)	25 19 FS 5
26MG 26				6.634	26 7 FS LE
26MG 27	6.745	2+			27 16 FS 8
26MG 28			6.876 3-		28 83 FS 35
26MG 29				6.952	29
26MG 30				6.972 (4+)	30
26MG 31				6.978 (5+)	31 14 FS 5
26MG 32			7.062 1-		32 7 FS LE
26MG 33	7.100	2+			33 14 FS LE
26MG 34				7.200 (0,1)+	34
26MG 35	7.246	3+			35 7 FS LE
26MG 36				7.261	36 7 FS LE
26MG 37				7.283 (4-)	37 24 FS 8
26MG 38			7.349 3-		38

26MG 39		7.371	2+					39			
26MG 40						7.396	(5+)	40	14 FS	LE	
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26MG 41						7.428	(0,1)+	41			
26MG 42						7.542	(2-)	42	7 FS	LE	
26MG 43						7.677	(4+)	43	11 FS	LE	
26MG 44						7.697	1(-)	44			
26MG 45		7.726	3+					45			
26MG 46						7.774	(4+)	46	7 FS	LE	
26MG 47						7.818	(2,3)+	47			
26MG 48					7.824	3-		48			
26MG 49		7.840	2+					49			
26MG 50						7.851		50			
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26MG 51					7.950	5-		51	14 FS	6	
26MG 52						8.034		52			
26MG 53						8.052	2(+)	53			
26MG 54					8.185	3-		54			
26MG 55						8.201	(6+)	55	14 FS	LE	
26MG 56					8.227	1-		56	1.0 FS	2	
26MG 57						8.251	(3+)	57			
26MG 58						8.399		58			
26MG 59		8.459	3+					59			
26MG 60						8.464		60			
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26MG 61						8.472	(6+)	61	14 FS	LE	
26MG 62					8.504	1-		62			
26MG 63						8.532	(2+)	63			
26MG 64						8.576		64			
26MG 65					8.625	5-		65	29 FS	6	
26MG 66						8.670	(3,5)	66	7 FS	LE	
26MG 67						8.706	(2 TO 4)+	67			
26MG 68		8.864	2+					68			
26MG 69						8.904	(2+)	69			
26MG 70						8.930		70			
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26MG 71					8.959	1-		71			
26MG 72						9.020		72			
26MG 73						9.043	3(+)	73			
26MG 74		9.064	5+					74	7 FS	LE	
26MG 75		9.111	6+					75	11 FS	LE	
26MG 76						9.139	1	76			
26MG 77						9.169	(6-)	77	26 FS	8	
26MG 78						9.206		78			
26MG 79						9.239	1(+)	79	314 AS	40	
26MG 80						9.261	(4+)	80			
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26MG 81						9.281	(2+)	81			
26MG 82						9.291		82			
26MG 83						9.304		83			

26MG 84						9.316		84		
26MG 85						9.326	(2+ TO 4+)	85		
26MG 86		9.371	4+					86		
26MG 87		9.383	6+					87	7 FS	LE
26MG 88		9.428	3+					88		
26MG 89						9.471	(1 TO 5)+	89		
26MG 90		9.540	5+					90	14 FS	LE
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26MG 91		9.564	1+					91	563 AS	99
26MG 92						9.574	(2- TO 4)	92		
26MG 93		9.579	4+					93		
26MG 94						9.590		94		
26MG 95						9.617	(1 TO 3)-	95		
26MG 96						9.681	(0 TO 5)+	96		
26MG 97						9.714		97		
26MG 98						9.771	1(-)	98		
26MG 99						9.771		99		
26MG 100		9.779	1+					100		
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26MG 101						9.814		101		
26MG 102						9.830	(5,7)+	102	37 FS	10
26MG 103		9.857	2+					103		
26MG 104						9.883		104		
26MG 105		9.900	3+					105		
26MG 106						9.927		106		
26MG 107						9.939		107		
26MG 108		9.967	2+					108		
26MG 109						9.982		109		
26MG 110						9.989	(6+)	110	7 FS	LE
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S-p = 14.146 ( 0.001)-----  
S-n = 11.093 ( 0.000)-----  
S-2p = 24.841 ( 0.001)-----  
S-2n = 18.424 ( 0.000)-----  
S-alpha= 10.615 ( 0.000)-----

S+p = -8.271 ( 0.000)  
S+n = -6.443 ( 0.000)  
S+2p = -19.856 ( 0.000)  
S+2n = -14.948 ( 0.000)  
S+alpha = -10.643 ( 0.000)

gap p = 5.874 ( 0.001)  
gap n = 4.650 ( 0.000)  
gap 2p = 4.985 ( 0.001)  
gap 2n = 3.476 ( 0.000)  
gap alpha = -0.029 ( 0.000)