

$^{132}\text{Sm}$        $Z = 62$        $N = 70$       adopted link      ENSDF link

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

BE = 1072.104 (-0.264) MeV

Qbeta+ = 6.478 ( 0.295) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-2.848	(-0.368)	-----		
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132SM	1   0.000	0+			1 4.0 S 3
132SM	2   0.131	(2+)			2
132SM	3   0.417	(4+)			3
132SM	4   0.833	(6+)			4
132SM	5   1.354	(8+)			5
132SM	6   1.962	(10+)			6
132SM	7   2.647	(12+)			7
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S-p	= 2.751	(-0.372)	-----		
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S-2p	= 3.177	(-0.265)	-----		
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132SM	8   3.408	(14+)			8
132SM	9   4.245	(16+)			9
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S-p	= 2.751	(-0.372)	-----		
S-n	= 12.969	(-0.473)	-----		
S-2p	= 3.177	(-0.265)	-----		
S-2n	= 23.654	(-0.471)	-----		
S-alpha=	-2.848	(-0.368)	-----		
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S+p	= 0.656	(-0.375)			
S+n	= -10.117	(-0.375)			
S+2p	= -0.968	(-0.481)			
S+2n	= -22.274	(-0.296)			
S+alpha	= 3.696	(-0.379)			
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gap p	= 3.407	( 0.528)			
gap n	= 2.852	( 0.604)			
gap 2p	= 2.209	( 0.549)			
gap 2n	= 1.380	( 0.556)			
gap alpha	= 0.848	( 0.528)			