

$^{183}\text{Re}$        $Z = 75$        $N = 108$       adopted link      ENSDF link

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

BE = 1464.185 ( 0.008) MeV

Qbeta+ = 0.556 ( 0.008) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-2.123 ( 0.008)	-----			
183RE 1	0.000	5/2+			1      70.0 D 14
183RE 2	0.114	7/2+			2
183RE 3	0.260	9/2+			3
183RE 4	0.435	11/2+			4
183RE 5			0.496	9/2-	5      7.8 NS      4
183RE 6				0.599	(5/2)-      6      1.96 NS      5
183RE 7				0.618	(9/2)-      7
183RE 8	0.639	13/2+			8
183RE 9			0.664	11/2-	9
183RE 10				0.701	(1/2)-      10
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183RE 11				0.760	(13/2)-      11
183RE 12				0.829	(3/2)-      12
183RE 13				0.852	(7/2)+      13
183RE 14			0.861	13/2-	14
183RE 15	0.870	15/2+			15
183RE 16	0.879	1/2+			16
183RE 17				0.892	(7/2)-      17
183RE 18				0.955	(3/2)+      18
183RE 19				1.000	(5/2)+      19
183RE 20				1.003	(9/2)+      20
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183RE 21				1.023	(17/2-)      21
183RE 22				1.035	(3/2)+      22
183RE 23				1.041	(5/2)+      23
183RE 24				1.066	(3/2)      24
183RE 25				1.075	25
183RE 26			1.085	15/2-	26
183RE 27				1.102	(1/2)+      27
183RE 28				1.108	(3/2)+      28
183RE 29				1.125	(3/2+,5/2+)      29
183RE 30	1.127	17/2+			30
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183RE 31				1.184	(11/2)+      31
183RE 32				1.290	32
183RE 33				1.304	(11/2)-      33
183RE 34			1.335	17/2-	34
183RE 35				1.338	35
183RE 36				1.349	(15/2-)      36

183RE 37						1.354	(3/2+)	37
183RE 38						1.394	(13/2+)	38
183RE 39						1.403	(21/2-)	39
183RE 40		1.409	19/2+					40
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183RE 41						1.413	(13/2-)	41
183RE 42						1.415	(1/2-, 3/2)	42
183RE 43		1.422	1/2+					43
183RE 44						1.470	3/2+, 5/2, 7/2-	44
183RE 45						1.525	(9/2)-	45
183RE 46						1.532	(3/2+, 5/2+)	46
183RE 47						1.554	(9/2)-	47
183RE 48						1.563	LE(1/2-, 3/2, 5/2	48+)
183RE 49				1.608	19/2-			49
183RE 50						1.628	(15/2-)	50
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183RE 51						1.631	(15/2)+	51
183RE 52						1.631	(1/2+)	52
183RE 53						1.653	(1/2+)	53
183RE 54						1.659	(7/2, 9/2)-	54
183RE 55						1.664	(11/2)	55
183RE 56						1.670	(15/2)	56
183RE 57						1.712	(9/2-)	57
183RE 58		1.713	21/2+					58
183RE 59						1.740	(19/2-)	59
183RE 60						1.746	(9/2-, 11/2-)	60
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183RE 61						1.763	(17/2-)	61
183RE 62						1.781	(9/2, 11/2)-	62
183RE 63						1.799	(5/2+, 7/2, 9/2+)	63
183RE 64						1.820	(17/2-)	64
183RE 65						1.864	(7/2, 9/2+)	65
183RE 66						1.893	(25/2-)	66
183RE 67						1.894	(17/2)+	67
183RE 68						1.898	(7/2-, 9/2, 11/2+)	68
183RE 69						1.904	(1/2+, 3/2+)	69
183RE 70				1.907	21/2-			70
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183RE 71						1.907	(25/2)+	71
183RE 72						1.925	(17/2)	72
183RE 73						1.928	(15/2+)	73
183RE 74						1.937	(19/2-)	74

S-p = 4.852 ( 0.008)-----  
S-n = 8.435 ( 0.102)-----  
S-2p = 11.949 ( 0.008)-----  
S-2n = 15.435 ( 0.015)-----  
S-alpha= -2.123 ( 0.008)-----

S+p = -5.732 ( 0.008)  
S+n = -6.481 ( 0.009)  
S+2p = -9.104 ( 0.029)  
S+2n = -14.152 ( 0.008)  
S+alpha = 3.835 ( 0.029)

gap p = -0.880 ( 0.011)  
gap n = 1.953 ( 0.103)  
gap 2p = 2.845 ( 0.030)  
gap 2n = 1.283 ( 0.017)  
gap alpha = 1.713 ( 0.030)