

$^{150}\text{Pm}$        $Z = 61$        $N = 89$       adopted link      ENSDF link

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

BE      =    1236.572 ( 0.020) MeV  
 Qbeta- =      3.454 ( 0.020) MeV  
 Qbeta+ =      0.083 ( 0.020) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-0.651 ( 0.040)				
150PM 1				0.000 (1-)	1 2.698 H 15
150PM 2				0.057	2
150PM 3				0.116	3
150PM 4				0.128	4
150PM 5				0.130	5
150PM 6				0.159	6
150PM 7				0.172	7
150PM 8				0.197	8
150PM 9				0.208	9
150PM 10				0.220	10
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150PM 11				0.226	11
150PM 12				0.229	12
150PM 13				0.245	13
150PM 14				0.246	14
150PM 15				0.259	15
150PM 16				0.282	16
150PM 17				0.289	17
150PM 18				0.294	18
150PM 19				0.304	19
150PM 20				0.319	20
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150PM 21				0.326	21
150PM 22				0.330	22
150PM 23				0.369	23
150PM 24				0.389	24
150PM 25				0.401	25
150PM 26				0.432	26
150PM 27				0.442	27
150PM 28				0.472	28
150PM 29				0.491	29
150PM 30				0.509	30
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150PM 31				0.542	31
150PM 32				0.581	32
150PM 33				0.610	33
150PM 34				0.635	34
150PM 35				0.665	35

150PM 36				0.690	36
150PM 37				0.712	37
150PM 38				0.741	38
150PM 39				0.768	39
150PM 40				0.803	40
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150PM 41				0.840	41
150PM 42				0.862	42
150PM 43				0.876	43
150PM 44				0.891	44
150PM 45				0.930	45
150PM 46				0.942	46
150PM 47				0.967	47
150PM 48				1.000	48
150PM 49				1.104	49
150PM 50				1.134	50
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150PM 51				1.161	51
150PM 52				1.190	52
150PM 53				1.240	53
150PM 54				1.267	54
150PM 55				1.315	55
150PM 56				1.358	56
150PM 57				1.416	57
150PM 58				1.580	58
150PM 59				1.680	59
150PM 60				1.830	60
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150PM 61				1.950	61
150PM 62				0.000	62

S-p = 6.511 ( 0.020)-----  
S-n = 5.604 ( 0.020)-----  
S-2p = 15.640 ( 0.025)-----  
S-2n = 12.874 ( 0.021)-----  
S-alpha= -0.651 ( 0.040)-----

S+p = -8.268 ( 0.020)  
S+n = -7.860 ( 0.021)  
S+2p = -13.869 ( 0.020)  
S+2n = -13.800 ( 0.033)  
S+alpha = -0.566 ( 0.020)

gap p = -1.757 ( 0.028)  
gap n = -2.256 ( 0.029)  
gap 2p = 1.771 ( 0.032)  
gap 2n = -0.926 ( 0.039)  
gap alpha = -1.217 ( 0.045)