^{93}Mo $Z = 42$ $N = 51$ adopted link ENSDF link

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

BE = 804.581 (0.000) MeV
Qbeta+ = 0.406 (0.001) MeV

	Energy	T	J+	J-		J-other		T1/2	
93MO	1	0.000	5/2+				1	4.0E+3 Y	8
93MO	2	0.943	1/2+				2	0.4 PS	+11-2
93MO	3	1.363	7/2+				3	104 FS	8
93MO	4	1.477	9/2+				4	0.27 PS	9
93MO	5	1.492	3/2+				5	13.9 FS	21
93MO	6	1.520	7/2+				6	0.8 PS	3
93MO	7	1.695	5/2+				7	75 FS	10
93MO	8	2.142	5/2+				8	0.12 PS	+8-2
93MO	9				2.145	3/2+,5/2+	9		
93MO	10	2.162	13/2+				10	46 PS	6
93MO	11	2.181	3/2+				11	37 FS	+15-10
93MO	12				2.247	(11/2+)	12	0.28 PS	+9-6
93MO	13				2.304	(11/2)-	13	0.36 PS	+8-6
93MO	14				2.356	(5/2-)	14	0.32 PS	+13-8
93MO	15				2.398	(5/2)+	15	21 FS	3
93MO	16	2.409	9/2+				16	0.47 PS	+10-6
93MO	17	2.425	21/2+				17	6.85 H	7
93MO	18				2.430	(17/2)+	18	3.53 NS	18
93MO	19				2.431	(7/2)+	19	0.121 PS	17
93MO	20	2.437	1/2+				20		
93MO	21				2.440	(11/2-)	21	0.41 PS	+15-0
93MO	22				2.441	(9/2-)	22		
93MO	23				2.450	(13/2-)	23	0.76 NS	4
93MO	24				2.479	(7/2+)	24	34 FS	4
93MO	25				2.530	1/2-,3/2-	25		
93MO	26				2.535	(9/2)+	26	69 FS	+10-4
93MO	27				2.539	(3/2)	27	61 FS	+8-7
93MO	28				2.555		28		
93MO	29				2.573	(15/2-)	29	0.4 NS	LT
93MO	30				2.619	1/2-,3/2-	30		
93MO	31				2.642	(15/2+)	31	0.4 NS	LT
93MO	32				2.645	(3/2)-	32	0.09 PS	+6-3
93MO	33				2.668	(13/2+)	33	0.30 PS	GT
93MO	34	2.670	1/2+				34	22 FS	+8-6
93MO	35				2.695	7/2+,9/2+	35		
93MO	36				2.698	(3/2)-	36	37 FS	+28-15
93MO	37	2.705	1/2+				37	0.11 PS	+6-4

93MO	38				2.719	(5/2-)	38	44 FS	+8-6
93MO	39				2.731	(9/2+)	39	114 FS	+21-17
93MO	40				2.743	(1/2+)	40	0.14 PS	+17-5
93MO	41				2.755	(11/2-)	41	0.54 PS	GT
93MO	42				2.769	(5/2+)	42	37 FS	5
93MO	43				2.810	(13/2-)	43	0.4 NS	LT
93MO	44				2.821	(9/2+)	44	58 FS	10
93MO	45				2.822	(7/2,9/2+)	45		
93MO	46				2.831	(3/2+)	46	0.08 PS	+10-4
93MO	47				2.833	(7/2+)	47		
93MO	48				2.834	(9/2-)	48	0.14 PS	+22-5
93MO	49				2.835	(11/2+)	49		
93MO	50				2.840	(7/2-)	50	100 FS	+24-17
93MO	51	2.842	1/2+				51		
93MO	52				2.852	(5/2-)	52	0.13 PS	+140-6
93MO	53				2.862	(3/2)-	53		
93MO	54				2.863	(13/2+)	54		
93MO	55				2.881	(1/2+,3/2,5/2+)	55		
93MO	56				2.893	5/2-,7/2-	56		
93MO	57				2.902	(9/2)+	57	40 FS	+7-3
93MO	58				2.916	(11/2+)	58	0.18 PS	+13-5
93MO	59				2.955	1/2-,3/2-	59		
93MO	60				2.974	(7/2-)	60	0.13 PS	+4-2
93MO	61				2.974		61		
93MO	62				3.006		62		
93MO	63				3.024	(5/2+,7/2,9/2+)	63		
93MO	64				3.026	7/2,9/2,11/2	64		
93MO	65				3.045	7/2+,9/2+	65		
93MO	66				3.046	(11/2+)	66		
93MO	67				3.048	(9/2-)	67	38 FS	GT
93MO	68				3.057	(15/2+)	68		
93MO	69				3.064	1/2-,3/2-	69		
93MO	70				3.069	(13/2+)	70	0.125 PS	GT
93MO	71				3.084		71		
93MO	72				3.101	(9/2-)	72		
93MO	73				3.119	(13/2-)	73		
93MO	74				3.143	(11/2+)	74		
93MO	75				3.152	(3/2)-	75		
93MO	76				3.159	3/2+,5/2+	76		
93MO	77				3.161	(7/2-)	77		
93MO	78				3.178	(11/2-)	78		
93MO	79				3.200	(7/2-)	79		
93MO	80				3.210	(7/2-,9/2,11/2+	80)		
93MO	81				3.220	(3/2)-	81		
93MO	82				3.242	(13/2-)	82		

93MO 83				3.295	7/2+,9/2+	83	
93MO 84				3.298	(3/2)-	84	
93MO 85				3.348	(9/2-)	85	
93MO 86				3.379	(11/2-)	86	
93MO 87				3.380	3/2+,5/2+	87	
93MO 88				3.395	(7/2-)	88	
93MO 89				3.406	(LE5/2)	89	
93MO 90				3.436	(5/2-)	90	
93MO 91				3.441	(1/2+,3/2,5/2+)	91	
93MO 92				3.444	(7/2-)	92	
93MO 93				3.450	3/2+,5/2+	93	
93MO 94				3.486	(13/2-)	94	
93MO 95				3.510	7/2+,9/2+	95	
93MO 96				3.587	7/2+,9/2+	96	
93MO 97				3.590	1/2-,3/2-	97	
93MO 98				3.596	3/2+,5/2+	98	
93MO 99				3.650	7/2+,9/2+	99	
93MO 100				3.709	3/2+,5/2+	100	
93MO 101				3.720	1/2-,3/2-	101	
93MO 102				3.790	1/2-,3/2-	102	
93MO 103				3.980	1/2-,3/2-	103	
93MO 104				3.985		104	
93MO 105				4.070	5/2-,7/2-	105	
93MO 106				4.160	(23/2-)	106	
93MO 107				4.170		107	
93MO 108	4.220	5/2+				108	
93MO 109				4.240	1/2-,3/2-	109	
S-alpha=	4.354 (0.003)						
93MO 110				4.370	1/2-,3/2-	110	
93MO 111				4.378		111	
93MO 112				4.438	(27/2-)	112	0.8 NS 2
93MO 113				4.450	1/2-,3/2-	113	
93MO 114				4.520	1/2-,3/2-	114	
93MO 115				4.630	1/2-,3/2-	115	
93MO 116				4.710	-	116	
93MO 117				4.756		117	
93MO 118				4.780		118	
93MO 119				4.899	(25/2+)	119	
93MO 120				4.938		120	
93MO 121				5.000	1/2-,3/2-	121	
93MO 122				5.034		122	
93MO 123				5.070		123	
93MO 124				5.150	1/2-,3/2-	124	
93MO 125				5.586	(29/2+)	125	
93MO 126				6.652	31/2	126	
93MO 127				6.838	(29/2)	127	

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 93MO 128 |                |                |   7.027     (33/2-)         128
 93MO 129 |                |                |   7.098                     129
 93MO 130 |                |                |   7.269     (35/2)          130
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S-p    =   7.643 ( 0.002)-------------------------------------------------------------------------
S-n    =   8.070 ( 0.000)-------------------------------------------------------------------------
 93MO 131 |                |                |   8.336     (35/2,37/2)     131
 93MO 132 |                |                |   8.354     (31/2,33/2)     132
 93MO 133 |                |                |   8.598     (37/2)          133
 93MO 134 |                |                |   8.821     (37/2)          134
 93MO 135 |                |                |   9.001     (33/2,35/2)     135
 93MO 136 |                |                |   9.171     (39/2)          136
 93MO 137 |                |                |   9.647     (41/2)          137
 93MO 138 |                |                |   9.670     (35/2,37/2)     138


S-p    =   7.643 ( 0.002)-------------------------------------------------------------------------
S-n    =   8.070 ( 0.000)-------------------------------------------------------------------------
S-2p   =  13.489 ( 0.000)-------------------------------------------------------------------------
S-2n   =  20.741 ( 0.006)-------------------------------------------------------------------------
S-alpha=   4.354 ( 0.003)-------------------------------------------------------------------------

S+p       =  -4.640 ( 0.004)
S+n       =  -9.678 ( 0.000)
S+2p      = -11.229 ( 0.010)
S+2n      = -17.047 ( 0.000)
S+alpha   =  -1.738 ( 0.003)

gap p     =   3.003 ( 0.004)
gap n     =  -1.609 ( 0.000)
gap 2p    =   2.261 ( 0.010)
gap 2n    =   3.693 ( 0.006)
gap alpha =   2.615 ( 0.004)
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