

Target isotope: $^{93}_{41}\text{Nb}$ $I^\pi_o = 9/2^+$ Abundance: 100 % $S_p = 8490.6(19)$ keV

$^{94}_{42}\text{Mo}(\text{p})$

E_o	J^π	Γ_p	Γ	E^*_{analog}	E_{cm}	E^*	Ref.
[keV]		[keV]	[keV]	[keV]	[keV]	[keV]	
4820	$\langle 6^+ \rangle$		25	0.0	4769	13260	66Mo06 66Fi0B 68Fi01
4864	3^+			40.9	4812	13303	66Mo06 66Fi0B 68Fi01
4882	$\langle 4 \rangle^+$			58.7	4830	13321	66Mo06 66Fi0B 68Fi01
4900	$\langle 5,6,7 \rangle^+$			78.7	4848	13339	66Mo06 66Fi0B 68Fi01
4934	$\langle 5 \rangle^+$			113.4	4882	13373	66Mo06 66Fi0B 68Fi01
4953					4900	13391	92Tu02
4983					4930	13421	92Tu02
5138	$\langle 4,5 \rangle^+$			311.8	5083	13574	66Mo06 66Fi0B 68Fi01
5165	$\langle 3 \rangle^+$			334.1	5110	13601	66Mo06 66Fi0B 68Fi01
5215					5160	13651	92Tu02
5478				637	5420	13911	66Mo06 92Tu02
5802					5740	14231	66Mo06 92Tu02
5963	$\langle 5 \rangle^+$			957	5900	14391	72Ke32 92Tu02
6095					6030	14521	72Ke32 92Tu02
6115				1233	6050	14541	72Ke32 92Tu02
6216	$\langle 4^+, 5^+ \rangle$			1321	6150	14641	72Ke32 92Tu02
6428				1519	6360	14851	72Ke32 92Tu02
6529					6460	14951	72Ke32 92Tu02
6580					6510	15001	72Ke32 92Tu02
6671					6600	15091	72Ke32 92Tu02
6762					6690	15181	72Ke32 92Tu02
6883					6810	15301	72Ke32 92Tu02
7005					6930	15421	72Ke32 92Tu02

Additional data on this isotope can be found in [98HaZG, 85Mu05, 66Fi0A, 66Ha16, 66Lo06].

Data for the low-energy resonances are mainly from [68Fi01], the other data are from [72Ke32, 92Tu02].

Several IAS in A-odd molybdenum isotopes are given in ENSDF including $E^*=10920$ and 13030 keV states with $J^\pi=9/2^+$ in ^{93}Mo and ^{97}Mo . The following excitations, proposed analogs and spins of six IAS in ^{95}Mo were adopted in [93Bu08]: $E^*=12100$ keV (g.s., $9/2^+$), 12360 keV (236 keV, $1/2^-$), 12940 (799 keV, $3/2^-$), 13150 (1011 keV, $5/2^-$), 13370 (1219 keV, $3/2^-$) and 13430 keV (1273 keV, $5/2^-$).