

$^{95}\text{Mo}(\text{n},\gamma)$ E=2 keV 1972Ga07

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	D. Abriola(a), A. A. Sonzogni		NDS 109,2501 (2008)	1-Apr-2008

Measured: γ . ^{96}Mo Levels

E(level)	J^π [†]	E(level)	J^π [†]	E(level)	J^π [†]	E(level)
0	0 ⁺	1626 3	4 ⁺	2233 4	3 ⁻	2787 4
778.2 23	2 ⁺	1869 3	4 ⁺	2479 4	(2 ⁺ ,3)	9154 3
1496.9 23	2 ⁺	1978 3	3 ⁺	2538 4	(3 ⁺)	

[†] Adopted values. $\gamma(^{96}\text{Mo})$

E_γ [†]	I_γ	$E_i(\text{level})$	J^π_i	E_f	J^π_f	E_γ [†]	I_γ	$E_i(\text{level})$	J^π_i	E_f	J^π_f
351 3	<1	1978	3 ⁺	1626	4 ⁺	1760 3	<0.5	2538	(3 ⁺)	778.2	2 ⁺
372 3	3.7	1869	4 ⁺	1496.9	2 ⁺	2008 3	<0.5	2787		778.2	2 ⁺
719 3	12.8	1496.9	2 ⁺	778.2	2 ⁺	6363 7	0.6	9154		2787	
737 3	<1	2233	3 ⁻	1496.9	2 ⁺	6923 7	1.5	9154		2233	3 ⁻
778 3	100	778.2	2 ⁺	0	0 ⁺	7178 7	1	9154		1978	3 ⁺
848 3	35	1626	4 ⁺	778.2	2 ⁺	7285 7	<0.5	9154		1869	4 ⁺
1090 3	9	1869	4 ⁺	778.2	2 ⁺	7528 7	1.3	9154		1626	4 ⁺
1200 3	8.5	1978	3 ⁺	778.2	2 ⁺	7655 7	1.6	9154		1496.9	2 ⁺
1497 3	2	1496.9	2 ⁺	0	0 ⁺	8376 7	1.4	9154		778.2	2 ⁺
1701 3	<0.5	2479	(2 ⁺ ,3)	778.2	2 ⁺	9154 7	<0.5	9154		0	0 ⁺

[†] ΔE estimated by the evaluator.

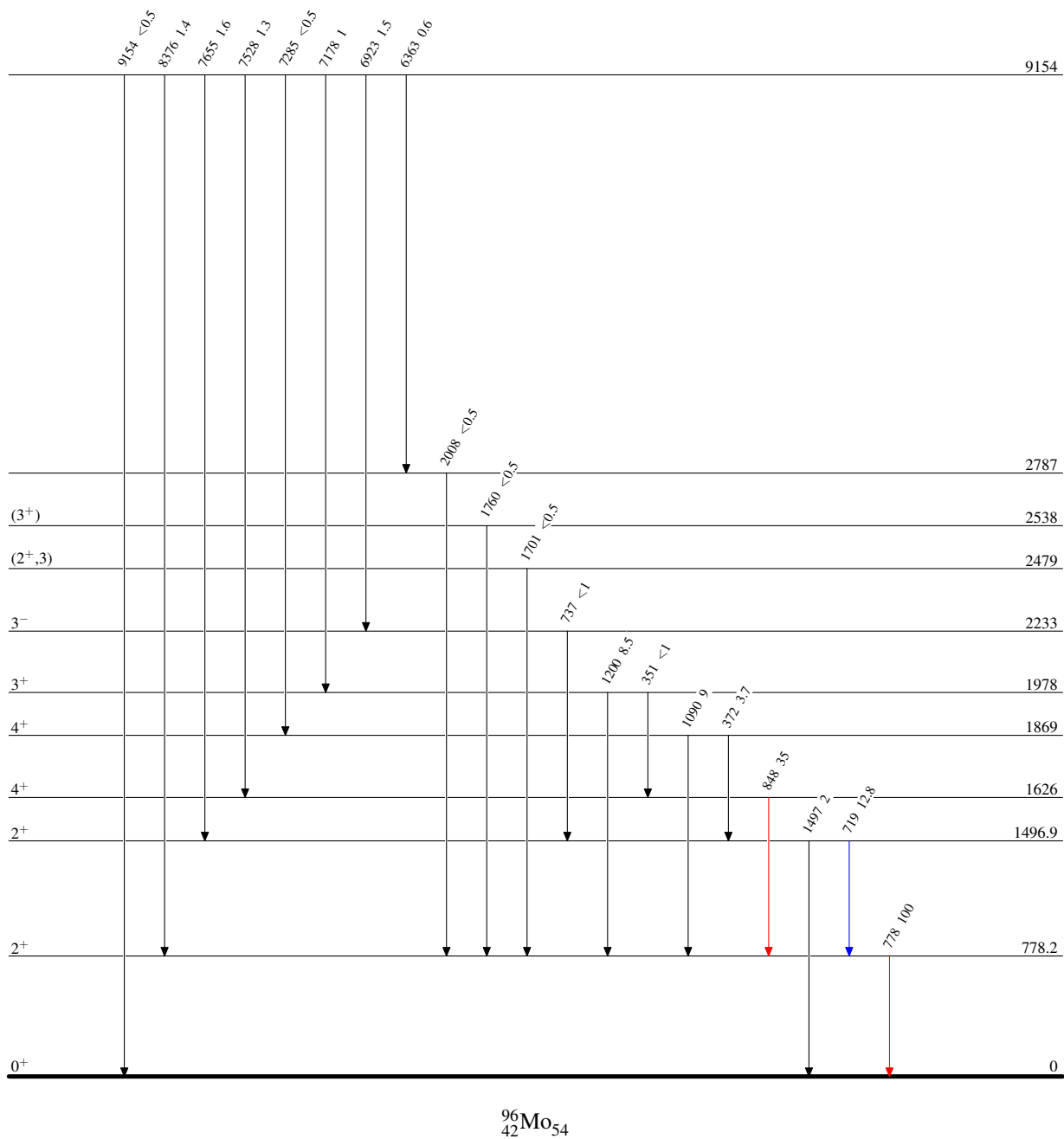
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Level Scheme

Intensities: Relative I_γ

Legend

- $I_\gamma < 2\% \times I_\gamma^{\text{max}}$
- $I_\gamma < 10\% \times I_\gamma^{\text{max}}$
- $I_\gamma > 10\% \times I_\gamma^{\text{max}}$

 $^{96}_{42}\text{Mo}_{54}$