^{96}Mo(α,α') **1975Bu04**

History

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

E=32.2 MeV; FWHM=90-120 keV.
Measured: σ(E,θ) (1975Bu04). Other (1972Ma56).

^{96}Mo Levels

ΔE: ΔE estimated by the evaluator.

E(level)	L‡	Rβ_L	Comments
0			
780 *40*	2	0.90	Rβ_2=0.91 from 1972Ma56 if R=1.396×A$^{1/3}$.
1510 *40*	(2)	0.19	
1650 *40*		0.30	L: angular distribution not well represented by L=4 and L=2+4.
1880 *40*	4	0.26	
2250 *80*	3	0.85	Rβ_3=0.88 from 1972Ma56 if R=1.396×A$^{1/3}$.
2490 *80*	4	0.31	
2630 *80*	4	0.28	
2750 *80*	(5)	0.35	
3020 *80*	2	0.2	
3170 *80*	3	0.28	
3420 *80*	2	0.16	
3690 *80*	(2)	0.15	

† ΔE estimated by the evaluator.
‡ From DWBA.