^{134}Ba(p,t) 1996Ca32,1980Ku10

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Yu. Khazov, A. A. Rodionov and S. Sakharov, Balraj Singh	NDS 104, 497 (2005)	10-Feb-2005

1996Ca32: E=25 MeV, enriched target, DWBA analysis, IBA-1 model. FWHM=7-8 keV. The authors reported observing 57 levels, 27 of which were new. But data for only 16 groups are given in the paper. On enquiry from one of the authors, the evaluators were informed that data for the other 40 or so levels were not available.
1980Ku10: E=52 MeV, enriched target. Measured $\sigma(\theta)$, DWBA analysis.
Other: 1972TaYR.

^{132}Ba Levels

E(level)[†]	L[†]	Enhancement factors[‡]	Comments
0	0	100	
465 *8*	2		
1032[#] *10*	2[#]		
1129[#] *10*	4[#]		
1504 *8*	0	2.12	
1659 *8*	0	0.55	
1685[#] *10*			
1948 *8*	4		
2068 *8*	3		
2119 *8*	5		
2271 *8*	0	3.37	
2384[#] *10*			
2406 *8*	0	11.2	
2482[#] *10*	7[#]		
2660[#] *10*	(4)[#]		
2736 *8*	0	1.29	
2768[#] *10*			
2886 *8*	0	0.75	
3228[#] *10*			
3412 *8*	0	1.15	E(level): 3420 (1980Ku10).
3445 *8*	0	1.98	
3697[#] *10*			
3751 *8*	0	1.50	
3812 *8*	0	2.19	
3882 *8*	0	0.92	
3904[#] *10*			
4083[#] *10*			

[†] From 1996Ca32, unless otherwise stated. Uncertainty assigned As 8 keV from FWHM stated by 1996Ca32.
[‡] From 1996Ca32, uncertainties are 15%. See also 1980Ku10 for enhancement factors for 7 levels assuming different configurations.
[#] From 1980Ku10.