^{48}Ca(μ,nγ): At rest 2003Fy03

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	T. W. Burrows	NDS 108, 923 (2007)	20-Feb-2007

Performed At the μE4 area of PSI, Switzerland. 3.31 grams of 73% enriched $CaCO_3$. Events where μ's were stopped In the target selected by three photomultipliers. Measured Eγ, γ(t) (HPGe). 30-hour measurement. Lifetime for capture deduced to Be 599 ns *3* leading to a capture rate of 1.214×10^6 *8* per second.

^{47}K Levels

All data from the Adopted Levels.

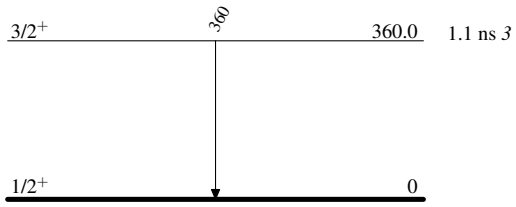
E(level)	J^π	$T_{1/2}$
0	$1/2^+$	
360.0 *10*	$3/2^+$	1.1 ns *3*

$\gamma(^{47}K)$

E_γ	E_i(level)	J_i^π	E_f	J_f^π
360	360.0	$3/2^+$	0	$1/2^+$

^{48}Ca(μ,nγ): At rest 2003Fy03

Level Scheme



$^{47}_{19}K_{28}$