

C($^{38}\text{Ca},2n\gamma$),H($^{38}\text{Ca},2n\gamma$) 2009AmZZ

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Ninel Nica, John Cameron and Balraj Singh		NDS 113, 1 (2012)	31-Dec-2011

2009AmZZ: ^{40}Ca primary beam at 140 MeV/nucleon bombarded ^9Be target, fragments analyzed by A1900 separator. ^{38}Ca fragment beam bombarded a reaction target of polypropylene ($[\text{C}_3\text{H}_6]_n$) to get excitations in ^{36}Ca through two-neutron removal process. Measured E_γ , I_γ , (^{36}Ca recoil) γ -coin using SeGA array.

[Additional information 1.](#)

 ^{36}Ca Levels

E(level)	J^π [†]
0	0^+
3045.0 24	(2^+)

[†] From Adopted Levels.

 $\gamma(^{36}\text{Ca})$

E_γ	$E_i(\text{level})$	J_i^π	E_f	J_f^π
3045.0 24	3045.0	(2^+)	0	0^+

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