

${}^{48}\text{Ca}({}^{48}\text{Ca},\text{X}\gamma)$ E=210 MeV 2001Br35

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

Deep inelastic. Measured $E\gamma$, $I\gamma$, $\gamma\gamma$ -coin; GASP array At the INFN Legnaro Laboratory. 1.2 mg/cm² ${}^{48}\text{Ca}$ target backed by a thick ${}^{208}\text{Pb}$ material.

 ${}^{47}\text{K}$ Levels

<u>E(level)</u>	<u>J^π[†]</u>
0	1/2 ⁺
360	3/2 ⁺
2020	(7/2 ⁻)
2287	
3339	
4433	

[†] From the Adopted Levels.

 $\gamma({}^{47}\text{K})$

<u>E_γ</u>	<u>$E_i(\text{level})$</u>	<u>J_i^π</u>	<u>E_f</u>	<u>J_f^π</u>
267	2287		2020	(7/2 ⁻)
360	360	3/2 ⁺	0	1/2 ⁺
1094	4433		3339	
1319	3339		2020	(7/2 ⁻)
1660	2020	(7/2 ⁻)	360	3/2 ⁺
2147	4433		2287	

 ${}^{48}\text{Ca}({}^{48}\text{Ca},\text{X}\gamma) \text{ E}=210 \text{ MeV} \quad 2001\text{Br}35$ Level Scheme