
 $^{88}\text{Sr}(^{13}\text{C}, ^{12}\text{C})$ [1974Gi03](#)

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh	NDS 114, 1 (2013)	20-Oct-2012

Includes ($^{13}\text{C}, ^{12}\text{C}\gamma$).

[1974Gi03](#): E=26.7, 28.6, 30.5 MeV. Measured $\sigma(\theta)$ for g.s. and 1031 level, DWBA calculations.

Other: [1973HaUN](#): ($^{13}\text{C}, ^{12}\text{C}\gamma$) E=46 MeV. Measured γ , DSA.

 ^{89}Sr Levels

E(level)	$J^{\pi\dagger}$	$T_{1/2}$	S	Comments
0	$5/2^+$		0.67	$d\sigma/d\Omega$ (at 180°)=0.14 mb/Sr, 0.40 mb/Sr, 0.98 mb/Sr at E=26.7 MeV, 28.6 MeV, 30.5 MeV, respectively.
1031	$1/2^+$	>1 ps	0.65	$d\sigma/d\Omega$ (at 180°)=0.17 mb/Sr, 0.40 mb/Sr, 0.80 mb/Sr at E=26.7 MeV, 28.6 MeV, 30.5 MeV, respectively. $T_{1/2}$: from DSA (1973HaUN).

[†] From Adopted Levels.