

$^{89}\text{Y}(^6\text{Li}, ^7\text{Be})$ 1983Wa19

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	E. A. McCutchan and A. A. Sonzogni		NDS 115, 135 (2014)	1-Nov-2013

 ^{88}Sr Levels

$J^\pi(\text{target})=1/2^-$.

E=60 MeV. Measured $\sigma(\theta)$ for $\theta=6^\circ-45^\circ$ using Q3D magnetic spectrometer and gas detector (FWHM=90-120 keV).

E(level)	L [†]	C ² S [‡]
0	1	1.4
1836	1+3	2.0
3220	1+3	2.5
3488	1	1.2
3634	3	

[†] From DWBA.

[‡] From DWBA using a set of theoretical spectroscopic factors for ^7Be . See 1983Wa19 for C²S using experimental spectroscopic factors and for C²S when the ^7Be is in its first excited state.