

$^{90}\text{Zr}(^6\text{Li},^7\text{Be})$  1983Wa19

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

1983Wa19: E=60 MeV. Measured  $\sigma(\theta)$ , DWBA. Levels are excited through  $^7\text{Be}$  g.s. ( $1p_{3/2}+1p_{1/2}$  state) and  $^7\text{Be}$  430 state ( $1p_{3/2}$  state).

 $^{89}\text{Y}$  Levels

<u>E(level)</u>	<u>J<math>^{\pi}</math><sup>†</sup></u>	<u>L</u>	<u>S<math>^{\ddagger}</math></u>	<u>Comments</u>
0	$1/2^-$	1	1.3,1.3	
909	$9/2^+$	4	0.9	S: very weak through $^7\text{Be}$ 430 state.
1507	$3/2^-$	1	3.0,2.8	
1745	$5/2^-$	3	5.3,4.9	

<sup>†</sup> From Adopted Levels.

<sup>‡</sup> C<sup>2</sup>S values. First value for  $^7\text{Be}$  g.s. and the second for  $^7\text{Be}$  430 state.