

$^{54}\text{Fe}(7\text{Li},6\text{Li})$ 1991Ka24

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Huo Junde	NDS 109, 787 (2008)	30-Apr-2007

Additional information 1.

E=70 MeV, measured $\sigma(\theta)$ and analyzing powers, an array of position-sensitive detector telescopes; resolution \approx 250 keV; CCBA analysis.

 ^{55}Fe Levels

<u>E(level)</u>	<u>J^π[†]</u>	<u>S</u>	<u>Comments</u>
0	$3/2^-$	0.74	
0.41×10^3	$1/2^-$	0.59	
0.93×10^3	$5/2^-$	0.6	
2.14×10^3			
2.47×10^3			
3.81×10^3			E(level): the correspondence with Adopted Levels is not clear. S: S=0.67 for $J^\pi=9/2^+$, S=0.88 for $J^\pi=1/2^-$.
$\approx 4.4 \times 10^3$	$5/2^+$	0.25	

[†] From adopted values.