

$^{234}\text{U}(\text{t,p})$  **1973Ba72**

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Shaofei Zhu	NDS 182, 2 (2022).	1-Apr-2022

**1973Ba72**: target: >95% enriched  $^{234}\text{U}$ ; projectile: triton, E=15 MeV. Measured angular distributions of scattered protons. Detector: magnetic spectrograph, FWHM=15-20 keV. Also: [1972Ca19](#).

 $^{236}\text{U}$  Levels

<u>E(level)</u>	<u><math>J^\pi</math></u>
0 <sup>‡</sup>	0 <sup>+</sup>
46 <sup>‡</sup> 1	2 <sup>+</sup>
150 <sup>‡</sup> 2	4 <sup>+</sup>
313 5	6 <sup>+</sup>
752 5	
1074 5	
1208 5	
1267 5	
1355 10	
1392 5	

<sup>†</sup> From Adopted Levels. Assignments are not based on a comparison of cross-section angular distributions with DWBA calculated values except for L=0 transfer.

<sup>‡</sup> Band(A):  $K^\pi=0^+$  g.s. rotational band.

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**Band(A):  $K^\pi=0^+$  g.s.  
rotational band**

4<sup>+</sup>                      150

2<sup>+</sup>                      46

0<sup>+</sup>                      0

$^{236}_{92}\text{U}_{144}$