

$^{140}\text{Ce}(^3\text{He,d})$  1971Wi04

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	N. Nica	NDS 187,1 (2023)	12-Oct-2022

E=40.3 MeV.

Others: [1971Jo16](#), [1970Is01](#).

Measured:  $\sigma(E,\theta)$ , DWBA analysis.

 $^{141}\text{Pr}$  Levels

E(level)	$J^\pi$ <sup>†</sup>	L	$C^2S$ <sup>‡</sup>	Comments
0.0	$5/2^+$	2	1.00	
145 5	$7/2^+$	4	0.55	
1110 9	$11/2^-$	5	1.31	
1300 10	$1/2^+$	0	1.02	
1600 15	$(3/2)^+$	2	1.92	
1650 15	$1/2^+$	0	0.84	$J^\pi$ : adopted value is $(9/2^+)$ .

<sup>†</sup> From [1971Wi04](#). Unless mentioned otherwise, same as in Adopted Levels.

<sup>‡</sup> Relative.