

$^{141}\text{Pr}(\text{}^3\text{He,d})$  1971Jo16

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	T. D. Johnson, D. Symochko(a), M. Fadil(b), and J. K. Tuli		NDS 112, 1949 (2011)	1-Jun-2010

E=44 MeV.

$J^\pi(^{141}\text{Pr})=5/2^+$ .

Measured:  $\sigma(E,\theta)$ , DWBA analysis; FWHM=30-50 keV.

 $^{142}\text{Nd}$  Levels

E(level) <sup>†</sup>	L	C <sup>2</sup> S'	E(level) <sup>†</sup>	L	C <sup>2</sup> S'	E(level) <sup>†</sup>	L	C <sup>2</sup> S'
0.0	2	2.10	2800 25	0,2	0.31,0.72	3580 25	2,5	1.00,4.00
1570 25	2	3.13	3000 25	2,5	3.20,7.60	3670 25	0	2.40
2090 25	2	7.80	3240 25	5	12.6	3750 25	0,5	2.60,17.50
2340 25			3300 25	0	0.63	3900 25	2,5	10.30,6.00
2400 25	‡	‡	3340 25	2	3.50	4010 25	0+2	2.50+14.00
2550 25	0	1.50	3440 25	2,5	0.63,10.70			

<sup>†</sup> Authors stated that  $\Delta E < 25$ .

<sup>‡</sup> L(2340+2400)=2; C<sup>2</sup>S'(2340+2400)=7.37.