
 $^{240}\text{Pu}(\text{p,t})$ [1974Fr01](#)

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	E. Browne, J. K. Tuli	NDS 127, 191 (2015)	1-Jun-2014

$Q(\text{p,t}) = -3692$ *15*.

$E = 16.5$ MeV, $\text{FWHM} \approx 15$ keV estimated by the evaluators.

 ^{238}Pu Levels

E(level)	$L^{\dagger}$	$S^{\ddagger}$
0	0	1.84
45 <i>1</i>	(2)	
146 <i>2</i>	(4)	
306 <i>2</i>	(6)	
945 <i>3</i>	0	0.25
985 <i>2</i>	(2)	
1032 <i>2</i>	(2)	
1134 <i>4</i>	(0)	0.05
1252 <i>2</i>		

[†] From angular distributions. The $L \neq 0$ angular distributions were not determined uniquely ([1974Fr01](#)). The parentheses for $L \neq 0$ are added by the evaluators.

[‡] $\sigma(\text{exp})/\sigma(\text{DWBA})$ See [1974Fr01](#) for the optical-potential parameters used. For calculated (p,t) strengths to 0^+ levels, see [1972Va20](#), [1972Ab10](#), [1973Im02](#).