

$^{232}\text{Th}(t,p)$ E=20 MeV [1973Ba72](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	E. Browne, J. K. Tuli		NDS 108, 681 (2007)	1-Jun-2006

$Q(t,p)=2487.20$ ([1969Br11](#)).

No excited 0^+ state was observed by [1972Ca19](#) in $^{232}\text{Th}(20\text{ MeV } t,p)$ reaction. See [1980Ab03](#) for calculations of (t,p) spectroscopic factors for populations of such 0^+ states as a function of quadrupole deformation parameter.

 ^{234}Th Levels

Measured maximum σ 's were: $\sigma(0^+):\sigma(2^+):\sigma(4^+)=83:30:3$.

E(level) [†]	$J\pi$ [‡]
0	0^+
48.2	2^+
160.5	4^+

[†] Measurements by [1973Ba72](#).

[‡] Adopted values.