

Adopted Levels

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Y. A. Akovali	NDS 77,433 (1996)	1-Feb-1996

$Q(\beta^-)=1207$ 16; $S(n)=5858$ 16; $S(p)=8.9\times 10^3$ syst; $Q(\alpha)=3.84\times 10^3$ 5 [2012Wa38](#)

Note: Current evaluation has used the following Q record 1441 syst 5789 syst [1995Au04](#).

Equilibrium deformation parameters were calculated by [1975Iv03](#), [1982Le19](#), [1984Na22](#) and [1988So08](#).

For calculations of quadrupole and hexadecapole moments, see [1975Iv03](#) and [1983Ro14](#).

Energies and wave functions for collective (single phonon) states, and B(EL) values for excitation of these states were calculated by [1975Iv03](#).

Assignment: thorium(600-MeV p), mass separation ([1969Ha03](#),[1986Bo35](#));
chem, parent of ^{226}Fr ([1986Bo35](#)).

 ^{226}Rn Levels

E(level)	J^π	$T_{1/2}$	Comments
0.0	0^+	7.4 min 1	$\% \beta^- = 100$ $T_{1/2}$: measured by 1986Bo35 . Other measured value: 6.0 min 5 (1969Ha03).