

Adopted Levels

<u>Type</u>	<u>Author</u>	<u>History</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	E. Browne, Huo Junde		NDS 87,15 (1999)	1-Nov-1998

$Q(\beta^-)=1.9\times 10^3$ syst; $S(n)=6.4\times 10^3$ syst; $S(p)=9.9\times 10^3$ syst; $Q(\alpha)=-7.\times 10^2$ syst [2012Wa38](#)

Note: Current evaluation has used the following Q record \$ 2.0E3 SY6.3E3 SY1.00E4 syst-9E3 syst [1995Au04](#).

Activity produced by bombarding targets of tungsten and tantalum with 1.5-GeV ^{176}Yb projectiles. Activity assigned to ^{174}Er by mass separation and Tm K-x rays observed in the β^- decay of this isotope ([1989Ch05](#),[1991Be04](#)).

 ^{174}Er Levels

<u>E(level)</u>	<u>Jπ</u>	<u>T$_{1/2}$</u>	<u>Comments</u>
0.0	0 ⁺	3.2 min 2	% β^- =100 T $_{1/2}$: average of 3.3 min 2 (1989Ch05) and 3.1 min 3 (1991Be04).