

Adopted Levels

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

$S(n)=1.201\times 10^4$ *syst*; $S(p)=1.12\times 10^3$ 4; $Q(\alpha)=7233$ 6 [2012Wa38](#)

Note: Current evaluation has used the following Q record 7235 11.

$Q(\alpha)$: From $E\alpha=7069$ keV 11 ([1997Uu01](#)).

^{174}Hg activity was produced by $^{144}\text{Sm}(^{36}\text{Ar},6n)$, $E=180\text{-}230$ MeV. This activity was separated with a gas-filled mass recoil separator, and identified by its genetic relationship to the daughter nucleus ^{174}Hg .

 ^{174}Hg Levels

E(level)	$T_{1/2}$	Comments
0.0	2.1 ms $+18-7$	$\% \alpha=99.6$ 4 $T_{1/2}$: from 1997Uu01 . $\% \alpha$: From gross-decay theory (737a30).