

Adopted Levels

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

$Q(\beta^-) = -7.59 \times 10^3 \text{ syst}$; $S(n) = 9.49 \times 10^3 \text{ syst}$; $S(p) = -4.2 \times 10^2 \text{ syst}$; $Q(\alpha) = 6699.8$ [2012Wa38](#)

Note: Current evaluation has used the following Q record 9450 $\text{syst} = 5.5\text{E}2$ SY6782 10 [1995Au04](#).

 ^{174}Au Levels

E(level)	$T_{1/2}$	Comments
0.0	120 ms 20	$\% \alpha > 0$ $T_{1/2}$: from 1983Sc24 . Other value: 171 ms 29 (1996Pa01). ^{174}Au was identified by 1983Sc24 from excitation-function measurements for α emitters produced in ^{92}Mo bombardments of Mo and Rb targets. Measured $E\alpha$, semi. ^{174}Au was produced in heavy-ion fusion-evaporation reactions, and separated using a recoil mass separator. Measured $E\alpha$, semi (1996Pa01).