

Adopted Levels

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

$S(n)=6.88\times 10^3$ syst; $S(p)=1.89\times 10^3$ syst; $Q(\alpha)=8.20\times 10^3$ 5 [2012Wa38](#)

Note: Current evaluation has used the following Q record 6926 syst 1938 syst 8197 50 [1995Au04](#).

Assignment: $^{209}\text{Bi}(^{22}\text{Ne}, 5n)$ $E(^{22}\text{Ne})=121$ MeV [1990Ni05](#), 1991Anzy

$^{205}\text{Tl}(^{26}\text{Mg}, 5n)$ $E(^{26}\text{Mg})=142$ MeV [1991AnZY](#)
 parent of ^{222}Pa , ^{218}Pa , ^{214}Fr [1990Ni05](#), [1991AnZY](#)
 (determined by α - α -t correlation technique)

 ^{226}Np Levels

E(level)	$T_{1/2}$	Comments
0.0	35 ms 10	$\% \alpha=100$ Only α decay branch was observed. By using the β gross theory, 1973Ta30 calculated partial half-life for ε decay as ≈ 90 s which suggests $\% \varepsilon + \% \beta^+ \approx 3 \times 10^{-3}$. $T_{1/2}$: $T_{1/2}=31$ ms 8 was measured by 1990Ni05 and 58 ms +70-20 by 1995Le15 ; the weighted average of 31 ms 8 and 58 ms 20 is adopted.