Adopted Levels

	Type	Author	History Citation	Literature Cutoff Date
	Full Evaluation	Y. Akovali	NDS 94,131 (2001)	1-Aug-2001

$Q(\beta^-)=-6.2\times10^3$ *syst*; $S(n)=7.71\times10^3$ *4*; $S(p)=3.17\times10^3$ *syst*; $Q(\alpha)=9600$ *16*   2012Wa38

Note: Current evaluation has used the following Q record -6084 syst 7810   syst 3220   syst 9600   syst   1995Au04.

Theoretical studies:

For calculations and for predicted $T_{1/2}(SF)$, see 1985Lo17, 1989St20, 1995KoZL, 1997Ro12.

For predicted half-lives for α decay, see 1976Ra02, 1995KoZL, 1997Mo25, 1997Po18.

Deformations, Q(a), E(2$^+$ level) and Iα(to 2$^+$)/Iα(to 0$^+$) were calculated by 2001Ho06.

$T_{1/2}(\varepsilon$ decay) was calculated by 1995KoZL and 1997Mo25.

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Assignment:
    207Pb(64Ni,X)270(110)        α  decay => 266Hs     α  decay => 262Sg    (2001Ho06).
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^{262}Sg Levels

Cross Reference (XREF) Flags

A ^{266}Hs α decay

E(level)	J$^\pi$	T$_{1/2}$	XREF	Comments
0.0	0$^+$	6.9 ms *+38−18*	A	%SF≥78; %α≤22 T$_{1/2}$: measured by 2001Ho06. Only SF branch was detected. From non-observation of α's upper limit of 22% for α decay branch was set by 2001Ho06.