Adopted Levels

	Type	Author	History Citation	Literature Cutoff Date
	Full Evaluation	Y. A. Akovali	NDS 87,301 (1999)	1-Oct-1998

$Q(\beta^-)=-2.67\times10^3$ *syst*; $S(n)=6.57\times10^3$ *syst*; $S(p)=5.3\times10^3$ *syst*; $Q(\alpha)=7.70\times10^3$ *syst*   2012Wa38

Note: Current evaluation has used the following Q record −2735   syst 6570 syst 5302 syst 7700 syst   1995Au04.

Assignment: ^{254}Es(95-MeV ^{18}O,x), ^{254}Es(73-MeV ^{13}C,x), ^{254}Es(125-MeV ^{22}Ne,x); the production cross section in ^{254}Es(^{18}O,x) reaction agrees with expectation from extrapolation of yield curve (1985So03). Assignment to ^{260}No is tentative.

Angular distribution of fission fragments following ^{238}U(^{22}Ne) reaction was measured by 1986Ka12.

For calculated fission-barriers, see, for example, 1976Iw02, 1983Cw01, 1985Lo05, 1992Bh03.

^{260}No Levels

E(level)	J^π	$T_{1/2}$	Comments
0.0?	0^+	106 ms *8*	%SF=100 $T_{1/2}$: measured by 1985So03. $T_{1/2}$=73 ms *24* was measured following production in ^{254}Es(^{18}O,X), and $T_{1/2}\approx$100 ms in ^{254}Es(^{22}Ne,X) (1985So03). See 1992Bh03, 1989St20, 1987Mo16, 1983Bo15, 1978Po09 for calculated fission half-lives. Partial half-life for α decay was calculated by 1997Po18.