Adopted Levels

		Туре	Author	History Citation	Literature Cutoff Date	
		Full Evaluation	Y. A. Akovali	NDS 87,301 (1999)	1-Oct-1998	
Note: Curre		$S(n)=6.39\times10^3 \text{ syst}; S_n$ has used the following 2^2 Ne, 5n) excit	Q record -2802 (1968F109,19	syst 6483 syst 188 970FlZY,1971Dr01)	2012Wa38 7 syst 9371 72 1995Au04.	
	249C±(¹³ N	$(,4n), p^{256}Lr$	(1970Gh02	,1977Be36)		
				²⁶⁰ Db Levels		
			Cross Re	eference (XREF) Flags		
			A ²⁶⁴	Bh α decay		
E(level)	T _{1/2}	XREF	Comments			
0.0	1.52 s <i>13</i>		 %α≥90.4 6; %SF≤9.6 6; %ε<2.5 T_{1/2}: the measured half-lives are 1.52 s <i>13</i> (1977Be36), 1.4 s +6-3 (1971Dr01), 1.6 s <i>3</i> (1970Gh02). From α counts and spontaneous-fission events, 1977Be36 obtained %α=90.4 6, %SF=9.6 6. Most of the interfering longer-lived SF events were subtracted. Because of some uncertainty in SF events' origin, as pointed out by 1977Be36, this SF branching should be considered an upper limit (following α and ε decays, the granddaughter ²⁵⁶No also decays by spontaneous fission; if ²⁶⁰Db ε decays, then the observed SF events are expected to include contributions from the SF decay of ²⁶⁰Rf, too). The upper limit for ε decay was determined by 1977Be36 from absence of Lawrencium x-rays in their spectrum. Other measurements: %SF<20, %ε<20 (1970Gh02). Theoretical calculations of 1997Mo25 yield T_{1/2}(α)=4.07 s, T_{1/2}(β)>100 s. See 1985Lo17 for calculated SF half-life. For calculated fission barriers, see, for example, 1985Cw01. 			
		(1970Gh) From α cou of the int events' or limit (foll if ²⁶⁰ Db a SF decay absence or (1970Gh) Theoretical See 1985Lo	2). and spontaneous erfering longer-live igin, as pointed out owing α and ε dece is decays, then the of 260 Rf, too). The f Lawrencium x-ration 2). calculations of 199 17 for calculated S	as-fission events, 1977E ed SF events were subtrat by 1977Be36, this SF cays, the granddaughter observed SF events are e upper limit for ε deca ays in their spectrum. C 07Mo25 yield $T_{1/2}(\alpha) = 0$ SF half-life.	Be36 obtained $\%\alpha$ =90.4 <i>6</i> , $\%$ SF=9.6 <i>6</i> . Most acted. Because of some uncertainty in SF 7 branching should be considered an upper ²⁵⁶ No also decays by spontaneous fission; expected to include contributions from the ay was determined by 1977Be36 from other measurements: $\%$ SF<20, $\%\epsilon$ <20 4.07 s, T _{1/2} (β)>100 s.	