Adopted Levels

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	F. G. Kondev	NDS 196,342 (2024)	1-Sep-2023

Q(β^-)=6050 *syst*; S(n)=4870 *syst*; S(p)=9090 *syst*; Q(α)=−2080 *syst*   2021Wa16
ΔQ(β^-)=300, ΔS(n)=360, ΔS(p)=420, ΔQ(α)=500 (syst,2021Wa16).
S(2n)=11210 *360* (syst,2021Wa16).

^{202}Ir Levels

Cross Reference (XREF) Flags

A ^{9}Be(^{208}Pb,Xγ)

E(level)	J$^\pi$	T$_{1/2}$	XREF	Comments
0	(1$^-$,2$^-$)	13 s *3*	A	%β^-=100 J$^\pi$: From ^{202}Ir β^- decay to levels with J=1 to 4 in the daughter nucleus ^{202}Pt (2013Mo20); systematics of known structures in neighboring nuclei and the proposed configuration. T$_{1/2}$: Weighted average of 11 s *3* from implant-β(t) in 2014Ku23 (also 2007KuZZ and 2009Ku28) and 15 s *3* from implant-$\beta\gamma$(Δt) in 2014Mo15. Possible configuration=π(d$^{-1}_{3/2}$)$\otimes\nu$(p$^{-1}_{1/2}$). The assignment is tentative.
≈2594		3.4 μs *6*	A	E(level): From 311.5γ, 737.2γ, and 889.2γ assigned in 2011St21 to follow the decay of the isomer and by assuming (by the evaluator) that they are in a cascade; the evaluator associates the 655.9γ and 967.6γ (also obsrved in 2011St21) to directly depopulate the isomer. T$_{1/2}$: From 655.9γ(t)+737.2γ(t)+889.2γ(t) in 2011St21.