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Is Only Possible If $\Delta E > 0$. ΔE Can Be Determined By Comparison Of The Masses. According To The Relation By Einstein ($E = Mc^2$): (EQ 3) By Calculation Of ΔE It C

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Theory To Explain The Effects Of Physical State, Temperature, And Concentration
On Reaction Rates Define The Concepts Of Activation Energy And Transition State
Use The Arrhenius Equation To Calculate Reaction Rates
Power Spectrum Analyses Of Nuclear Decay Rates
 $N(t) = N_0 e^{-kt}$ Where $N(t)$ Is The Number Of Atoms Remaining At Time t , $N_0 = N(0)$ Is The
Initial Number Of Atoms, And $k = \ln(2)/T_{1/2}$ Is A Constant Determined By The
Nuclear Half-life $T_{1/2}$. However, Recent Work Has Uncovered Evidence Of An
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