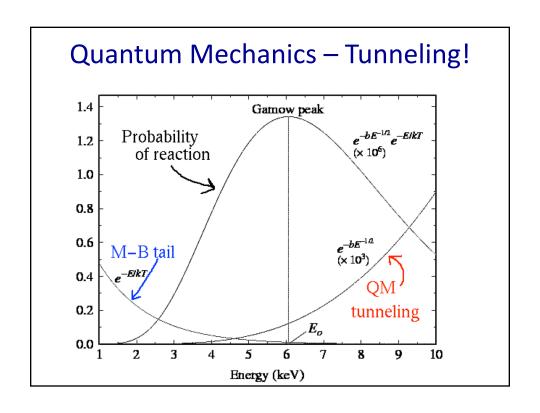
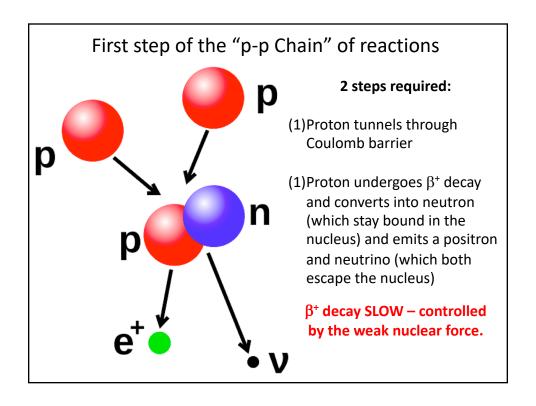
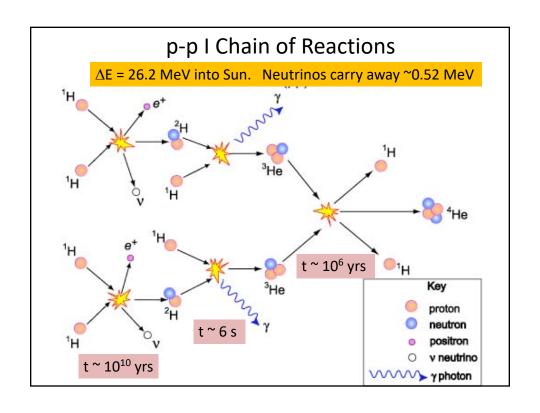


Quantum Mechanics: Particles are described by waves and the probability of finding the particle at a position is given by the square of the amplitude of the wavefunction. Solution to Schrodingers Equation indicates that a wavefunction amplitude will exponentially decay across a potential barrier.







p-p I Chain of Reactions

$$^{1}H + ^{1}H - --> ^{2}H + e^{+} + v_{e}$$
 $^{1}.18 (0.26) \text{ MeV}$
 $^{1}t \sim 10^{10} \text{ years}$
 $^{1}H + ^{2}H - --> ^{3}He + \gamma$
 $^{3}He + ^{3}He - --> ^{4}He + ^{1}H + ^{1}H$
 $^{1}H + ^{1}H +$

