$\Delta a_0 = 0.0008$ \times \times \times \times \times \times \times \times \times \times \times \times \times 10⁻⁸ 807 \times \times \times X XX 687 X X mass \times \times \times \times 10^{-9} \times \times \times \times \times \times \times \times \times 10^{-10} 10^{-12} 10^{-10} 10^{-11} viscosity v_s