$\Delta a_0 = 1 \times 10^{-4}$ 10^{-9} X X X X × X X 10^{-10} X X X × 10^{-11} X × X X X X X X X X X X × 10^{-13} X X X X X X X X X X X 10^{-14} × X X X

 10^{-15} 10^{-13} 10^{-11} 10^{-14} 10^{-12} viscosity v_s