

- SNe Ia have been associated with thermonuclear explosions in binary stars
- Could Type Ia-like thermonuclear explosions also occur in single-degenerate non-accreting progenitors?

✱ He-star ($\sim 1.8 - 2.5 M_{\odot}$)

✱ CO core

✱ ONe core

✱ e^- - captures on Mg

✱ Residual C burning

✱ O runaway burning

