

$^{12}\text{C}(\alpha, \gamma)$  + convective mixing set  $^{12}\text{C}$  &  $^{16}\text{O}$

$^{12}\text{C}(\alpha, \gamma)$  + radiative burning set  $^{12}\text{C}$  &  $^{16}\text{O}$

$^{12}\text{C}(\alpha, \gamma)$  influences C  $\rightarrow$  He. Thermal Pulses not considered

$^{12}\text{C}(\alpha, \gamma)^{16}\text{O}$  does not strongly influence R4

