

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

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

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

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

