A: fiducial H:  $\alpha_{\rm CE}=0.5$ O: no PISN P: SN  $\sigma_{
m rms}^{
m 1D} = 100\,{
m km\,s^{-1}}$ B:  $\beta = 0.25$ I:  $\alpha_{\rm CE}=2$ C:  $\beta = 0.5$ J:  $\alpha_{\rm CE} = 10$ Q: SN  $\sigma_{
m rms}^{
m 1D} = 30 \, {
m km \, s^{-1}}$ D:  $\beta = 0.75$ K: optimistic CE R: SN  $v_{k,BH} = 0 \, \text{km s}^{-1}$ E: unstable case BB L: rapid SN  $S:f_{\mathrm{WR}}=0.1$ F: E + K $M: \max m_{NS} = 2.0 M_{\odot}$  $T: f_{WR} = 5$ G:  $\alpha_{\rm CE}=0.1$ N: max  $m_{NS} = 3.0 \, \mathrm{M}_{\odot}$ 

