

 * H: $\alpha_{CE} = 0.5$ O: no PISN

 + I: $\alpha_{CE} = 2$ P: SN $\sigma_{rms}^{1D} = 100 \, km \, s^{-1}$

 J: $\alpha_{CE} = 10$ O: SN $\sigma^{1D} = 30 \, km \, s^{-1}$

× K: optimistic CE

L: rapid SN

 $M: \max m_{NS} = 2.0 \, \mathrm{M}_{\odot}$

N: max $m_{NS} = 3.0 \, \mathrm{M}_{\odot}$

A: fiducial

• Q: SN $\sigma_{\rm rms}^{\rm 1D} = 30 \, {\rm km \, s^{-1}}$ • R: SN $v_{\rm k,BH} = 0 \, {\rm km \, s^{-1}}$

* S: $f_{WR} = 0.1$

 $\bullet \quad \text{T: } f_{WR} = 5$