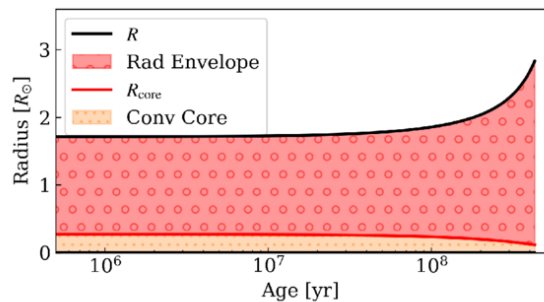


Figure 7. from

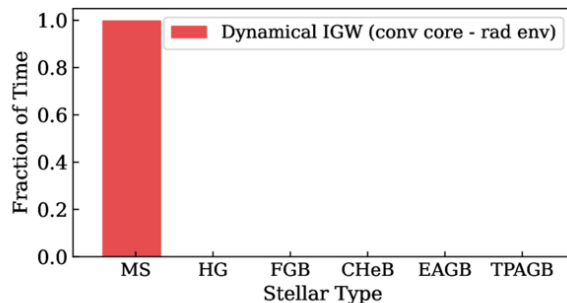
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<https://dx.doi.org/10.3847/1538-4357/ae5e48>

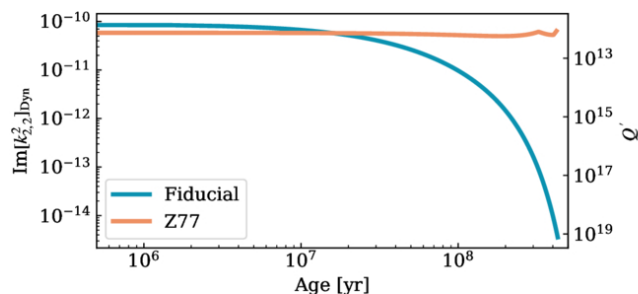
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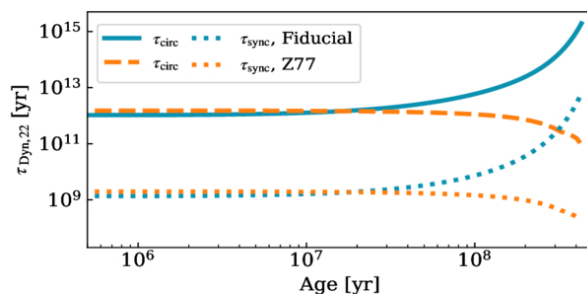
(a) Kippenhahn diagram of the primary star.



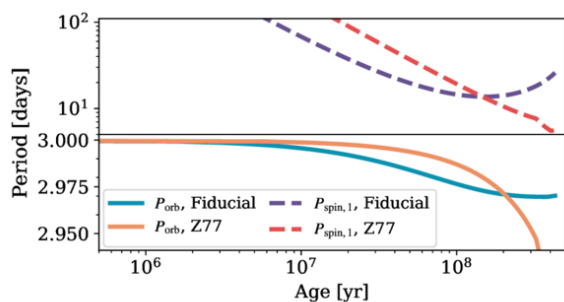
(b) Fraction of time that each tidal mechanism is applicable, per stellar type encountered over the evolution.



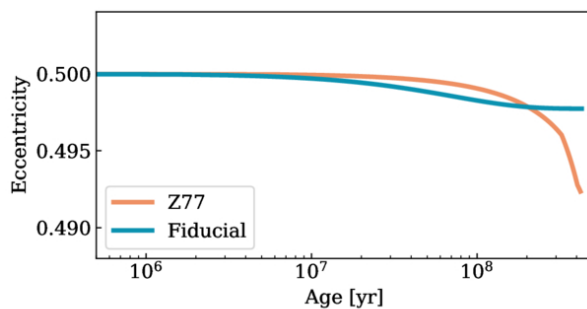
(c) Absolute strength of the $\ell = 2, m = 2, n = 2$ dynamical tidal Love number (left y-axis) and the tidal quality factor (right y-axis) of the primary star.



(d) Dynamical tidal timescales of circularization and synchronization across the prescriptions from this work.



(e) Orbital and primary spin period evolution under the fiducial and Z77 models, split into two vertical panels to be able to see the orbital and rotational periods together.



(f) Eccentricity evolution under the fiducial and Z77 models.