Figure 4. from On the Diversity of Fallback Rates from Tidal Disruption Events with Accurate Stellar Structure null 2019 APJL 882 L26 doi:10.3847/2041-8213/ab380d https://dx.doi.org/10.3847/2041-8213/ab380d © 2019. The American Astronomical Society. All rights reserved.

0.3 *M*_⊙ TAMS $0.3~M_{\odot}~{
m MAMS}$ $\dot{M}_{\rm C} [M_{\odot} {\rm yr}^{-1}]$ __0.100 $M [M_{\odot} \text{ yr}^{-1}]$ ---MESA - MESA ---v = 5/3---y = 5/3--y = 1.35 $\gamma = 1.35$ $t^{-5\beta}$ 0.001 $\cdots \propto t^{-5/3}$ 0.001 $-L_{Edd}$ -- L_{Edd} 0.01 0.10 0.01 0.05 0.10 0.50 0.05 0.50 t [yr] t [yr] 1 M_☉ ZAMS $1 M_{\odot}$ MAMS M = 0.100 M = 0.010 $\dot{M} [M_{\odot} \, \mathrm{yr}^{-1}]$ -MESA ---MESA 0.010 --y = 5/3--y = 5/3-y = 1.35 $- \dot{y} = 1.35$ $t^{-5/3}$ 0.001 0.001 - -L_{Edd} 0.10 0.50 0.01 0.05 0.01 0.05 0.10 0.50 t [yr] t [yr] 10 10 3 M_☉ ZAMS 3 M_☉ MAMS $\dot{M} [M_{\odot} \text{ yr}^{-1}]$ -MESA MESA y = 5/3---y = 5/3 $\gamma = 1.35$ $t^{-5/3}$ 0.01 $\gamma = 1.35$ $t^{-5/3}$ 0.01 -- L_{Edd} 0.01 0.05 0.10 0.50 0.01 0.10 0.50 0.05 t [yr] t [yr]