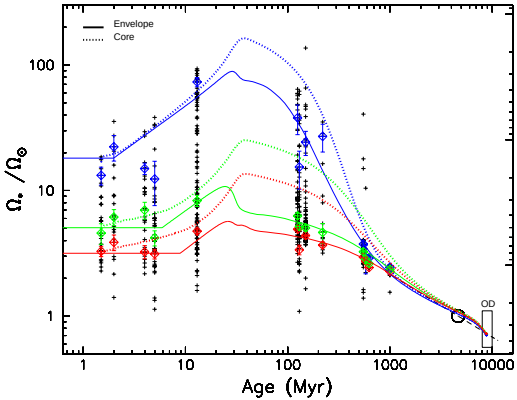
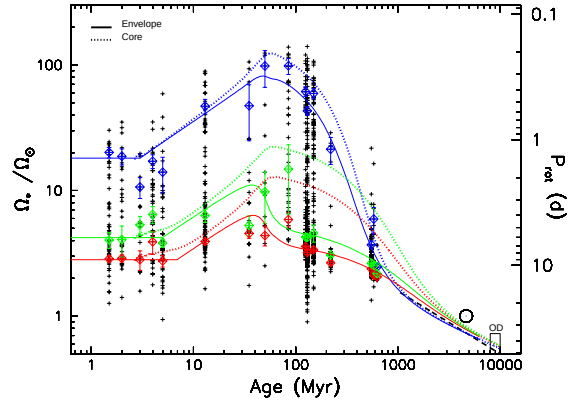
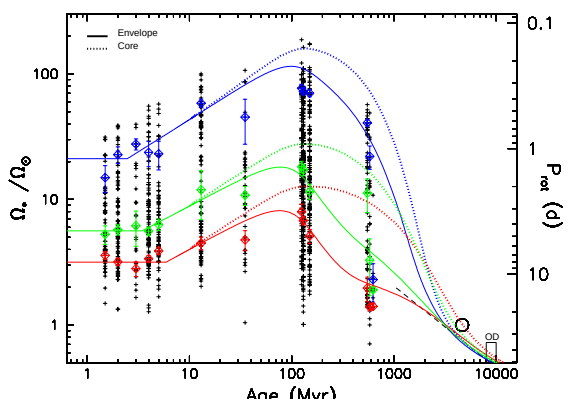


(a) 1 $M_\odot$



(b) 0.8 $M_\odot$



(c) 0.5 $M_\odot$