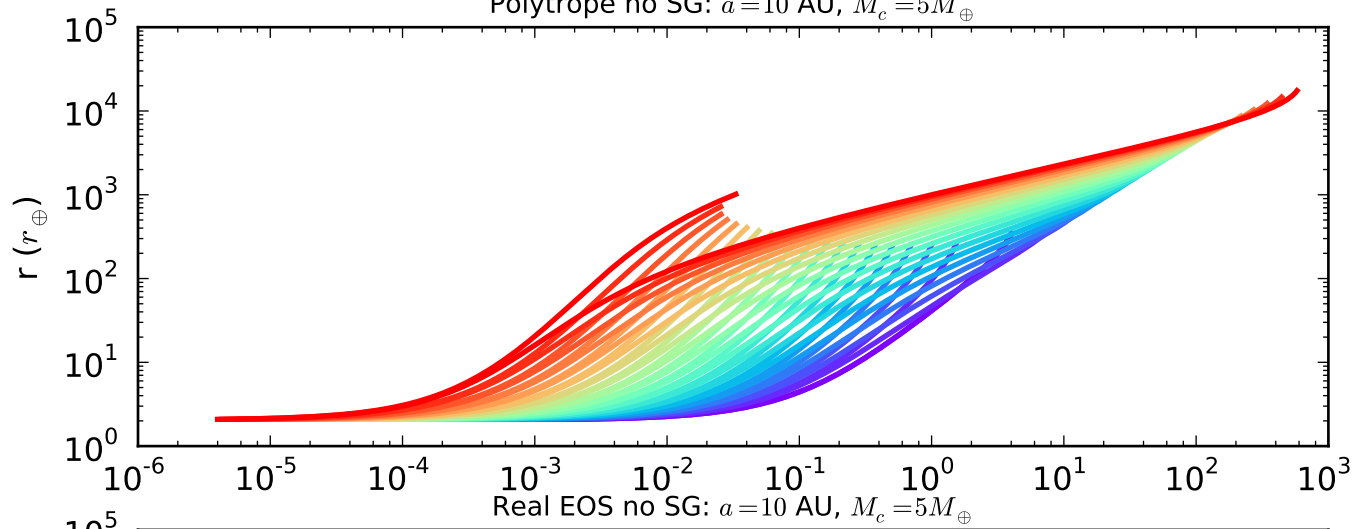


Polytrope no SG:  $a=10$  AU,  $M_c=5M_\oplus$



Real EOS no SG:  $a=10$  AU,  $M_c=5M_\oplus$

