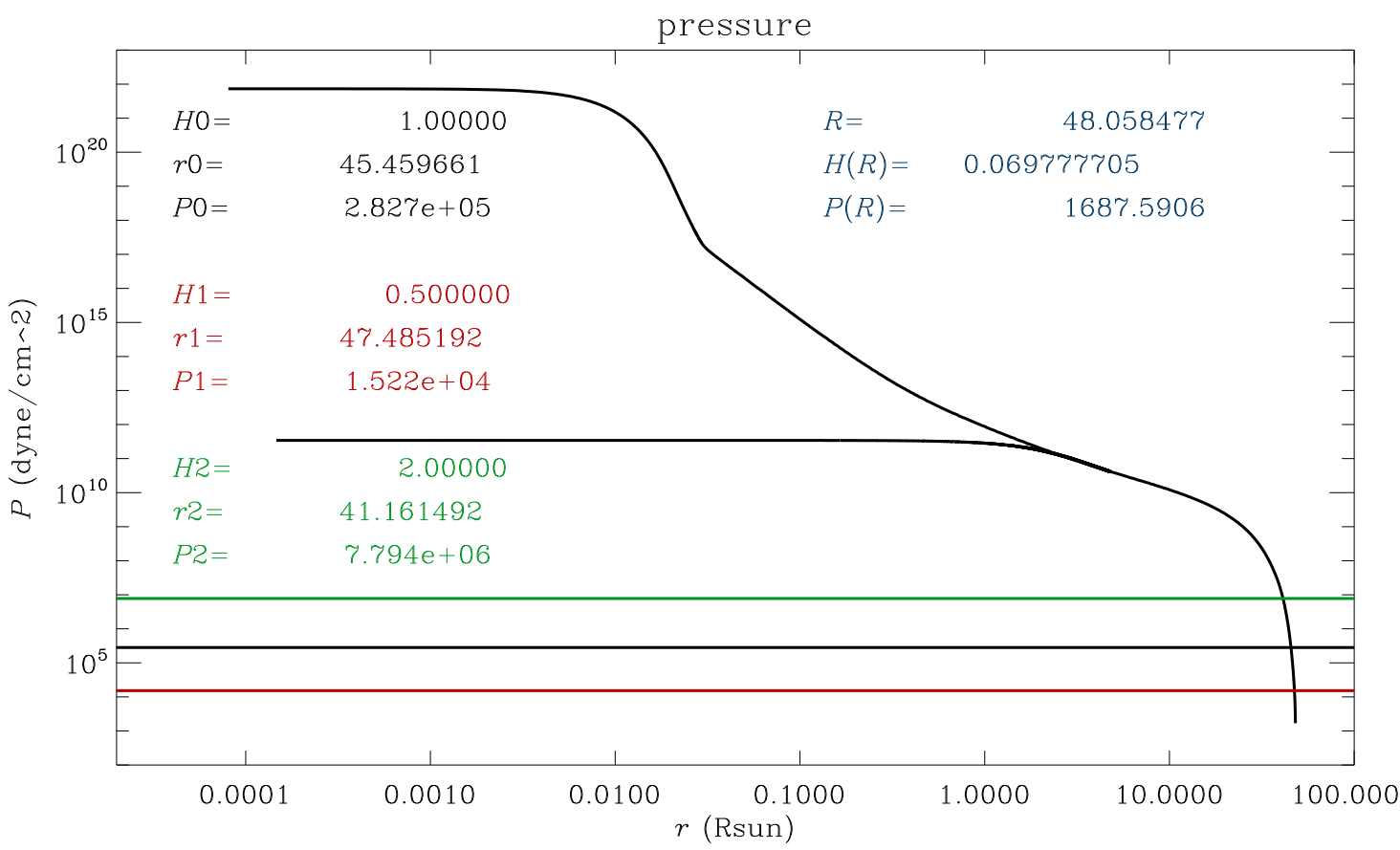
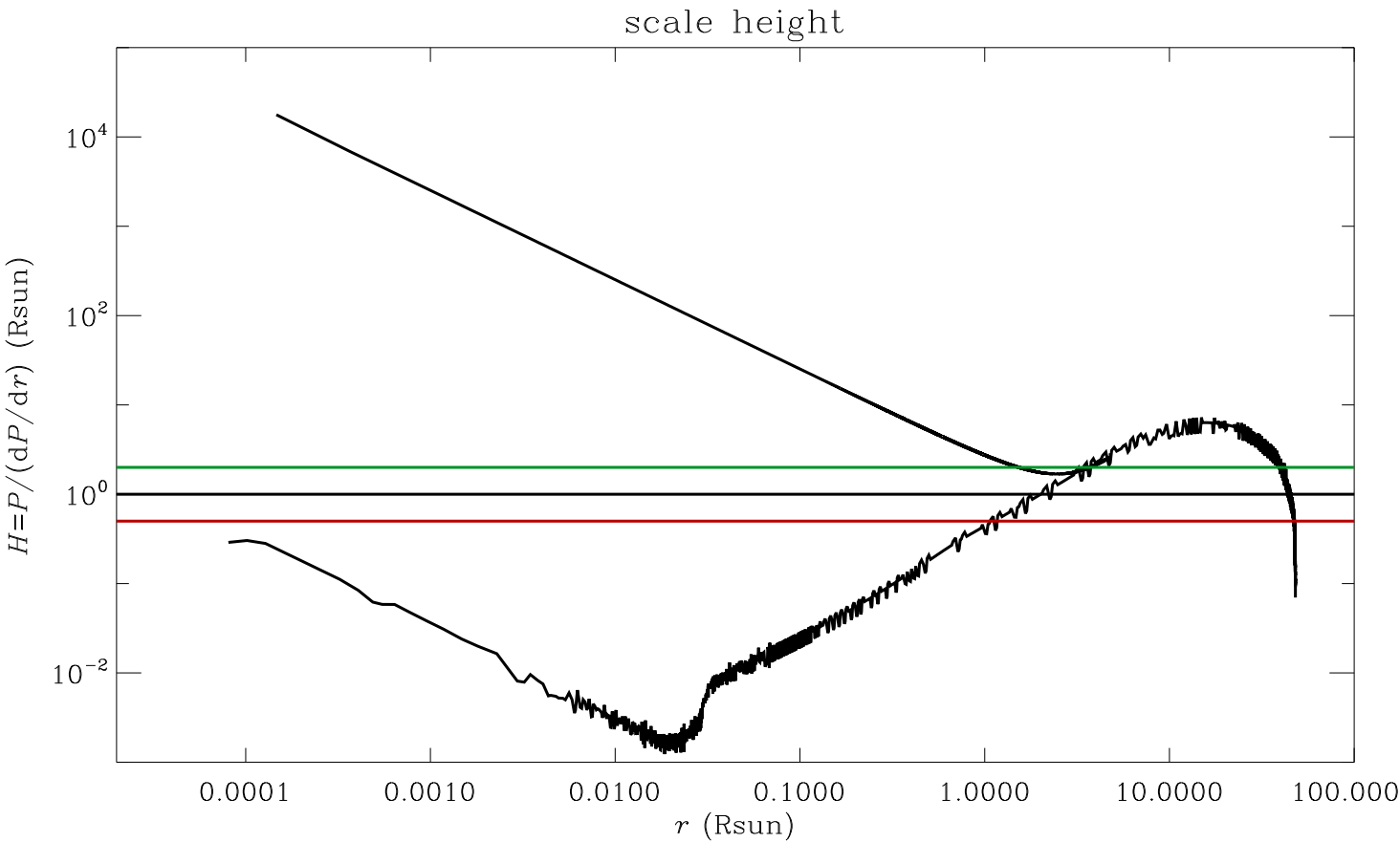

pressure
H0= 1.00000
r0= 45.459661
P0= 2.827e+05
H1= 0.500000
r1= 47.485192
P1= 1.522e+04
H2= 2.00000
r2= 41.161492
P2= 7.794e+06
R= 48.058477
H(R)= 0.069777705
P(R)= 1687.5906
P (dyne/cm^2)
r (Rsun)


scale height
H=P/(dP/dr) (Rsun)
r (Rsun)