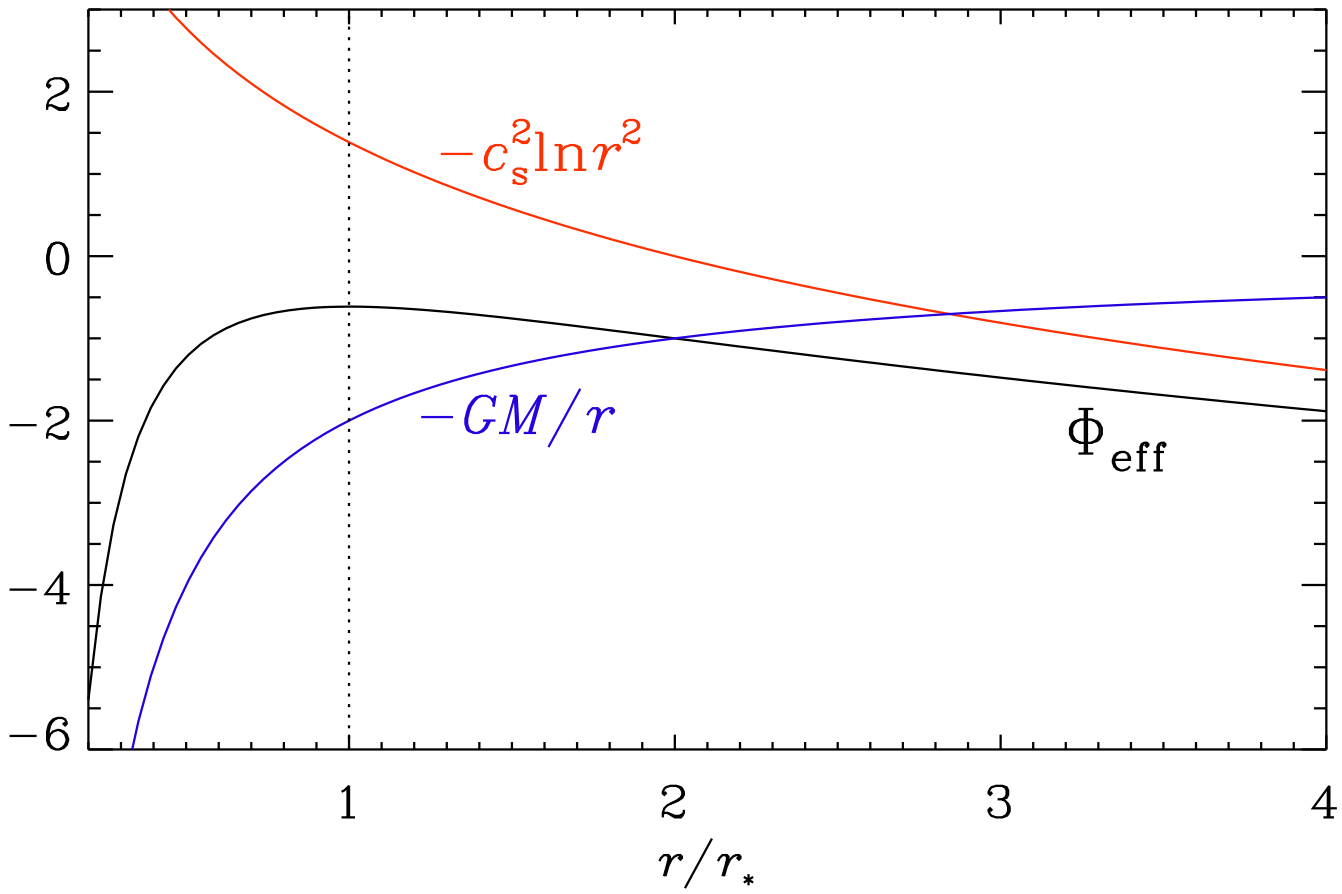
$-c_s^2 \ln r^2$
$-GM/r$
$\Phi_{\rm eff}$
2
0
−2
−4
−6
1
2
3
4
r/r_*