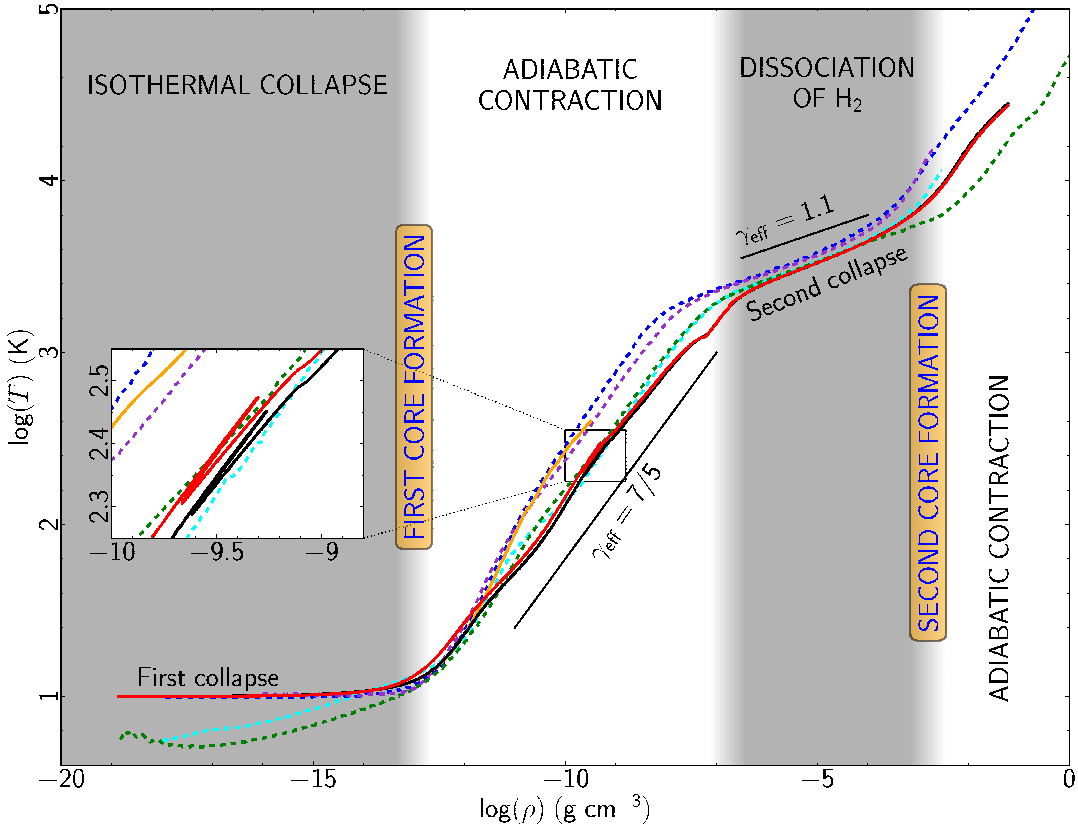
ISOTHERMAL COLLAPSE
ADIABATIC CONTRACTION
DISSOCIATION OF $H_2$
FIRST CORE FORMATION
SECOND CORE FORMATION
ADIABATIC CONTRACTION
$\gamma_{\rm eff} = 1.1$
Second collapse
$\gamma_{\rm eff} = 7/5$
First collapse
$\log(T)$ (K)
$\log(\rho)$ (g cm $^{3}$)
1
2
3
4
5
−20
−15
−10
−5
0
2.3
2.4
2.5
−10
−9.5
−9