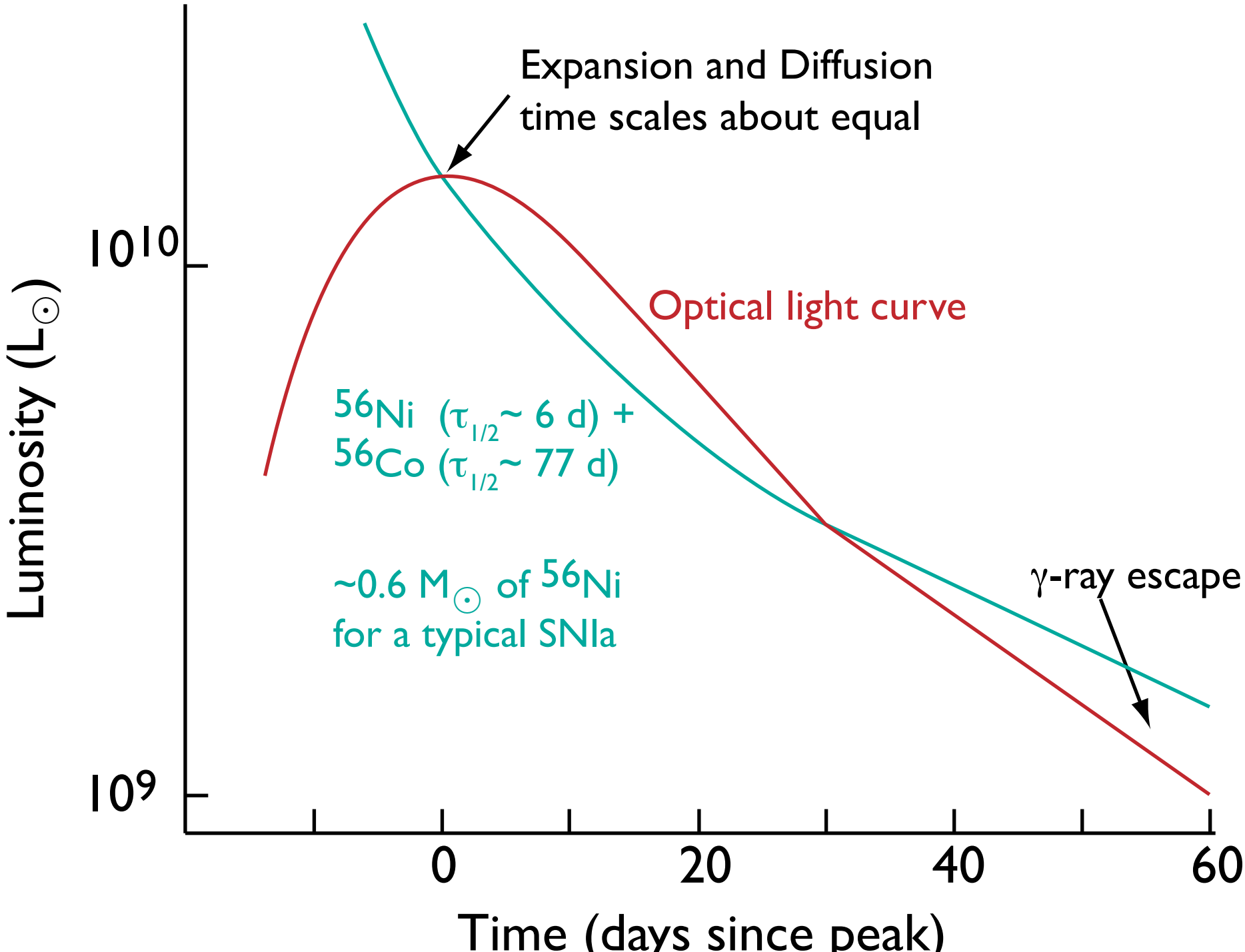
Expansion and Diffusion
time scales about equal
Optical light curve
^{56}Ni ($\tau_{1/2}$~ 6 d) +
^{56}Co ($\tau_{1/2}$~ 77 d)
~0.6 $M_\odot$ of ^{56}Ni
for a typical SNIa
γ-ray escape
10^{10}
10^{9}
Luminosity ($L_\odot$)
0
20
40
60
Time (days since peak)