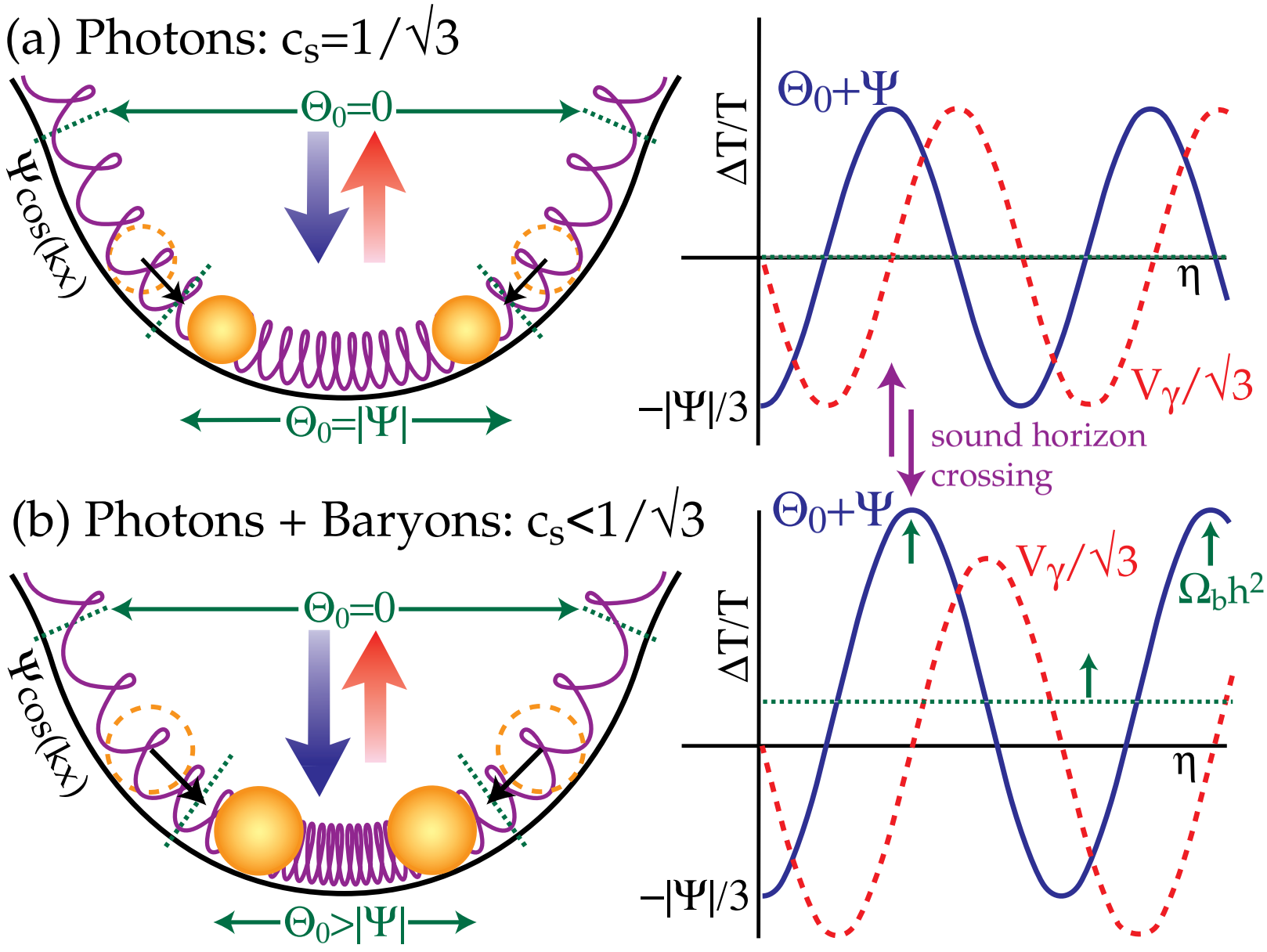
(a) Photons: $c_s=1/\sqrt{3}$
$\Theta_0=0$
$\Psi\cos(kx)$
$\Theta_0=|\Psi|$
$\Theta_0+\Psi$
$\Delta T/T$
η
$V_\gamma/\sqrt{3}$
$-|\Psi|/3$
sound horizon crossing
(b) Photons + Baryons: $c_s<1/\sqrt{3}$
$\Theta_0=0$
$\Psi\cos(kx)$
$\Theta_0>|\Psi|$
$\Theta_0+\Psi$
$V_\gamma/\sqrt{3}$
$\Omega_b h^2$
$\Delta T/T$
η
$-|\Psi|/3$