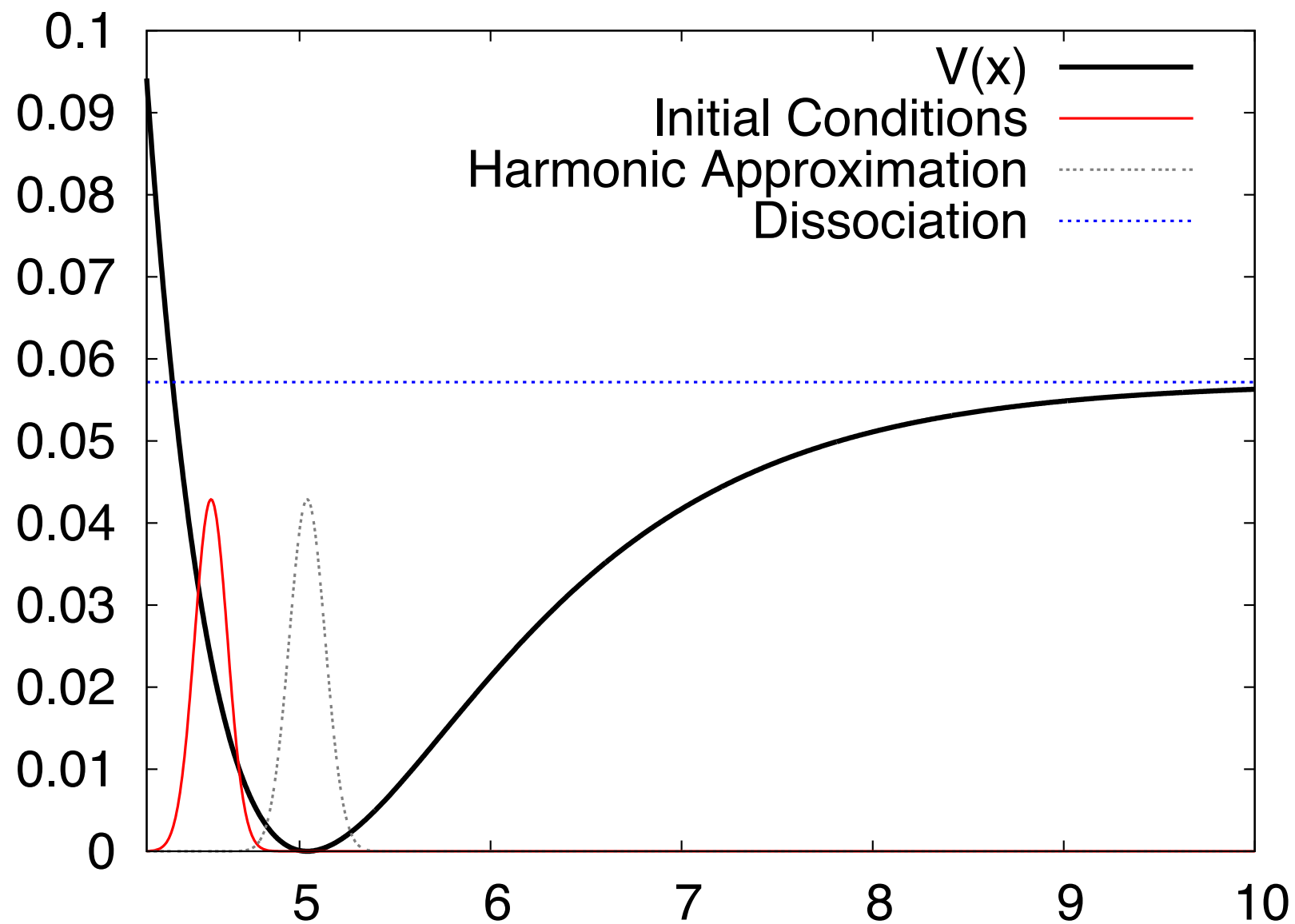


Thermal Quenching in Photoexcited I₂



Morse oscillator coupled
to harmonic bath

$$\hat{A} = |\Psi\rangle \langle \Psi| e^{-\beta \hat{H}_B}$$

$$\hat{B} = \delta(\hat{R} - R_f)$$

Measure probability of
Morse osc. distance

JCP **114**, 2562 (2001)