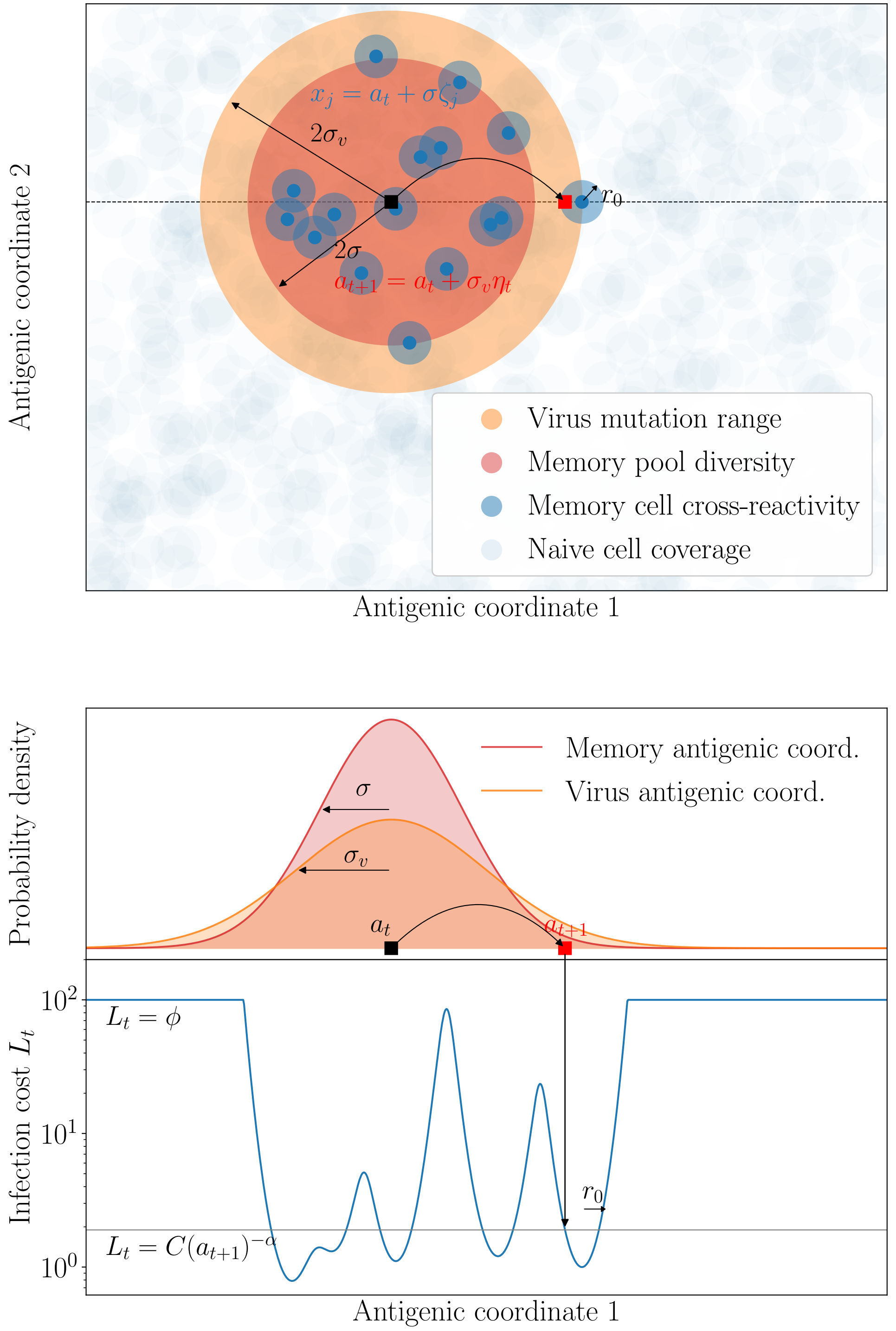
$x_j = a_t + \sigma\zeta_j$
$2\sigma_v$
$r_0$
$2\sigma$
$a_{t+1} = a_t + \sigma_v\eta_t$
Virus mutation range
Memory pool diversity
Memory cell cross-reactivity
Naive cell coverage
Antigenic coordinate 2
Antigenic coordinate 1
Memory antigenic coord.
Virus antigenic coord.
$\sigma$
$\sigma_v$
$a_t$
$a_{t+1}$
Probability density
$10^2$
$10^1$
$10^0$
$L_t = \phi$
$L_t = C(a_{t+1})^{-\alpha}$
$r_0$
Infection cost $L_t$
Antigenic coordinate 1