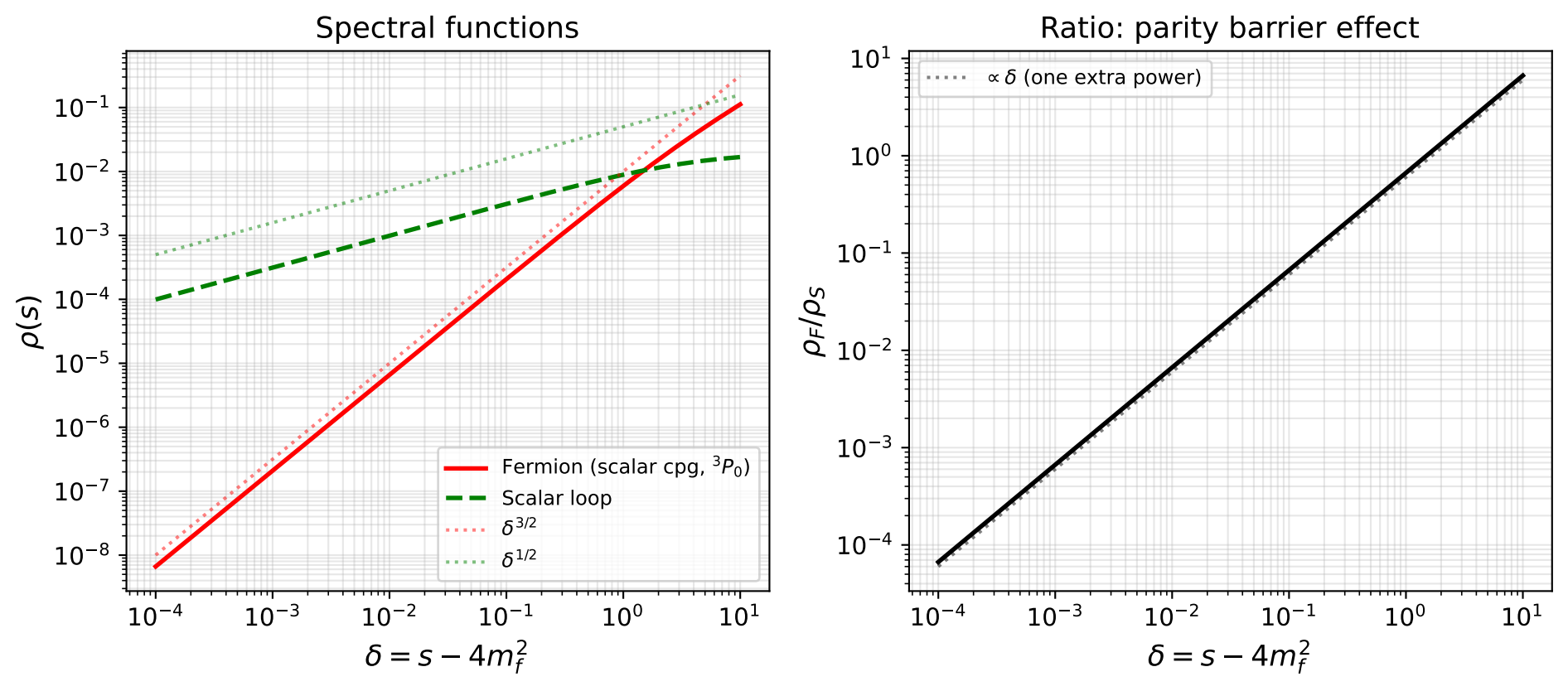
Spectral functions
$\rho(s)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10^{-6}
10^{-7}
10^{-8}
Fermion (scalar cpg, $^3P_0$)
Scalar loop
$\delta^{3/2}$
$\delta^{1/2}$
10^{-4}
10^{-3}
10^{-2}
10^{-1}
10^{0}
10^{1}
$\delta = s - 4m_f^2$
Ratio: parity barrier effect
ρ_F/ρ_S
$\propto \delta$ (one extra power)
10^{1}
10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-4}
10^{-3}
10^{-2}
10^{-1}
10^{0}
10^{1}
$\delta = s - 4m_f^2$