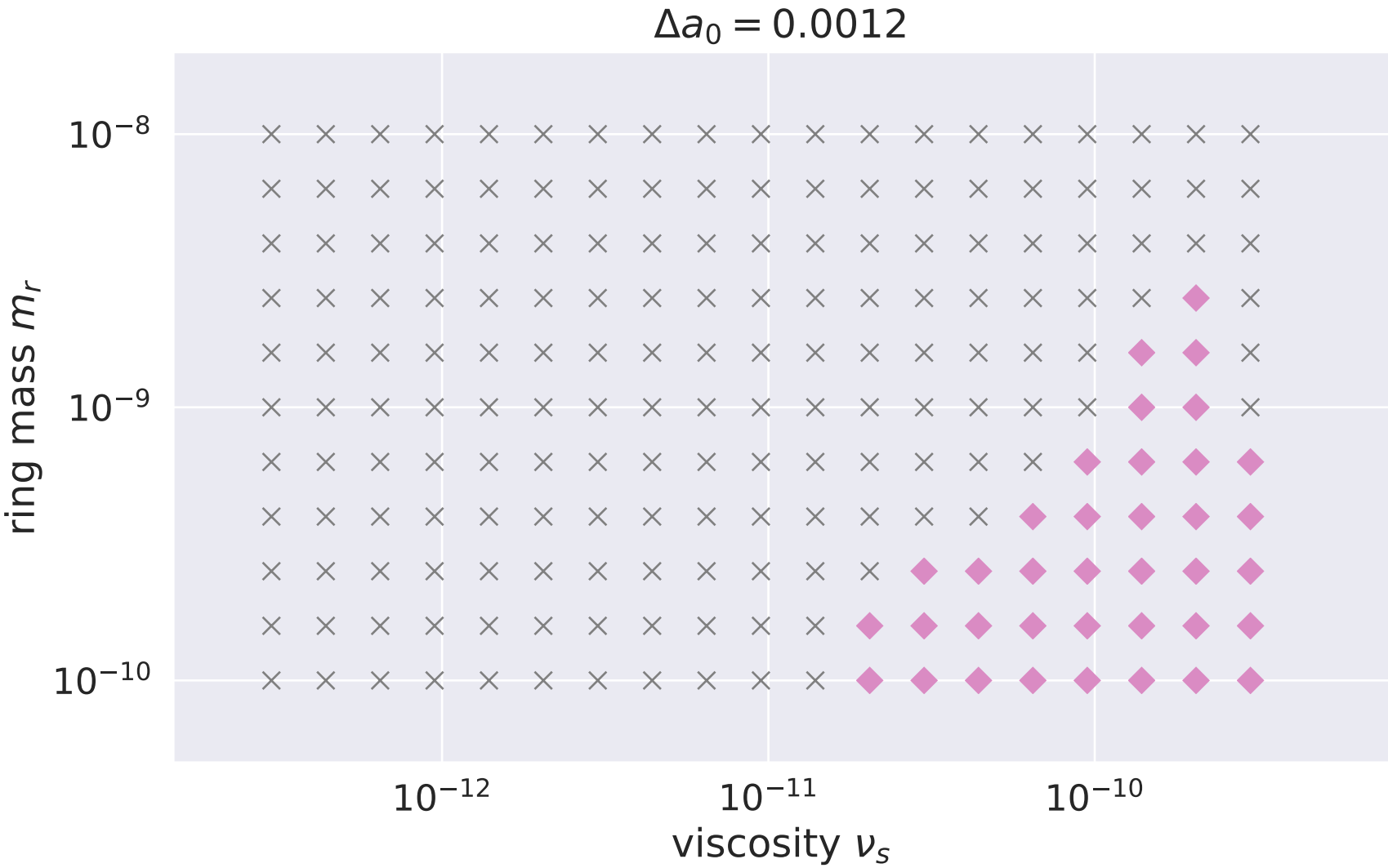
$\Delta a_0 = 0.0012$
10^{-8}
10^{-9}
10^{-10}
ring mass m_r
10^{-12}
10^{-11}
10^{-10}
viscosity ν_s