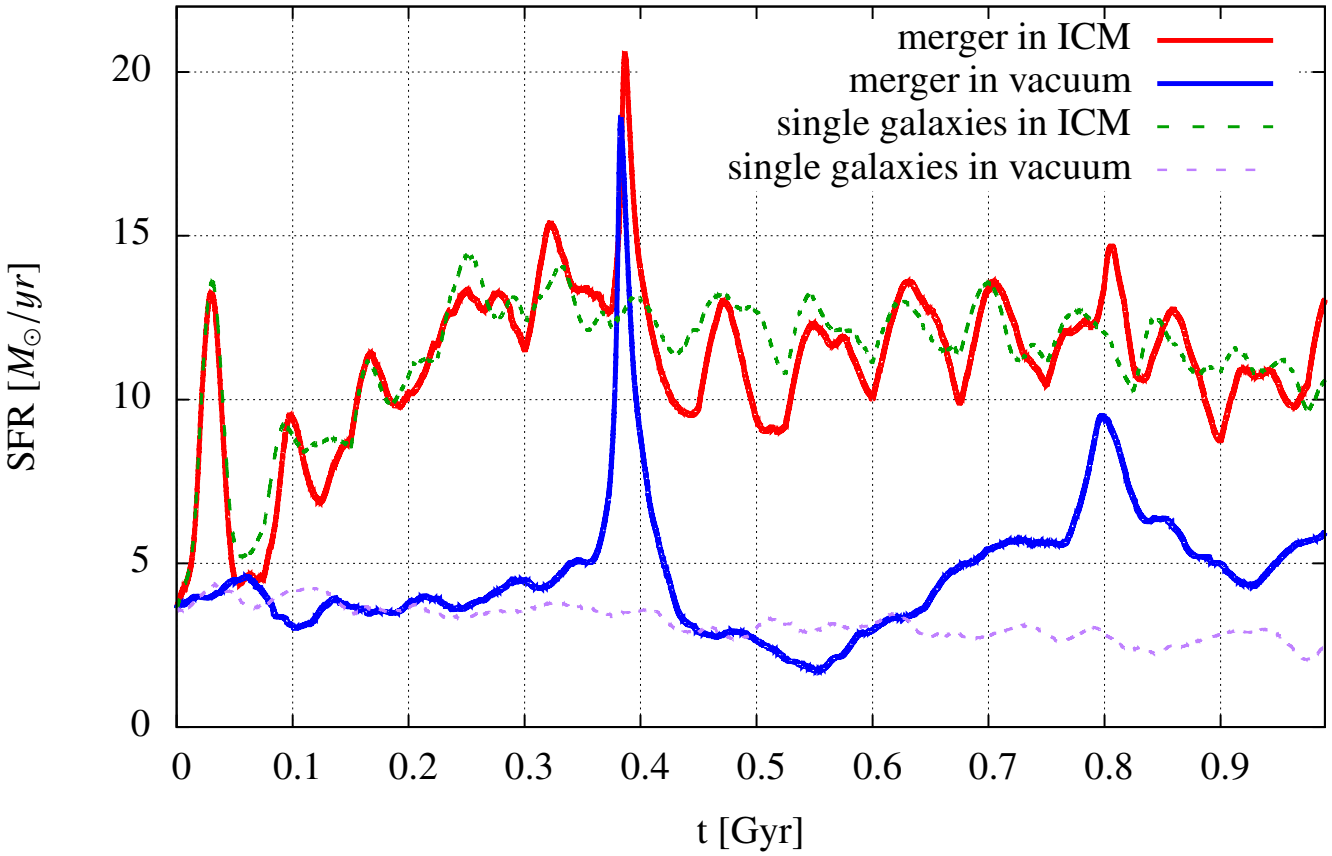
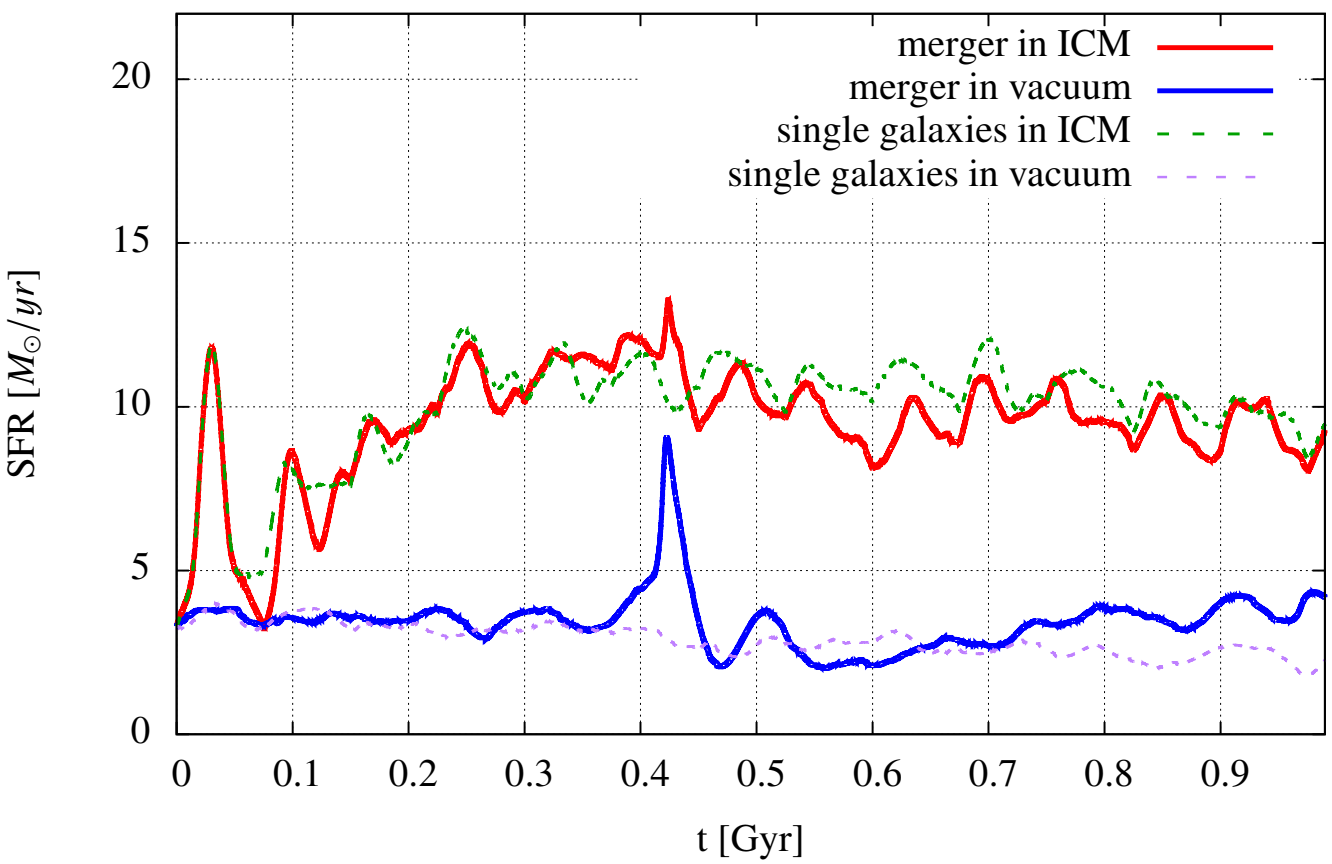


(a) Mass ratio μ = 1:4



(b) Mass ratio μ = 1:8