- - - - linearized
—— $Em^*a^2 = 0.01$
—— $Em^*a^2 = 0.1$
—— $Em^*a^2 = 0.2$
—— $Em^*a^2 = 0.4$
—— $Em^*a^2 = 0.6$
—— $Em^*a^2 = 0.8$
—— $Em^*a^2 = 1$