$$N_{
m tot} = 580K, \ N_{
m init} = 100, \ N_{
m ages} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 0.0$$
 $\lambda_I = 1.0, \ \epsilon_{\rho} = 0.01, \ \beta_{
m scaling} = 1.0, \ {
m age}_{
m mixing} = 1.0, \ {
m algo} = 2$ 

