Final equation:

R = r0Mbe-E/kT

R2 = r0M2be-E/kT2

R1 = r0M1be-E/kT1

log(R2 = r0M2be-E/kT2 / R1 = r0M1be-E/kT1)

log(R2) – log(R1) = log(M2b) + log(e-E/kT2) – log(M1b) – log(e-E/kT1)

log(R2) – log(R1) = b • log(M2) – E/KT2 • log(e) – b • log(M1) + E/KT1 • log(e)

log(R2) – log(R1) = b(log(M2) – log(M1)) + E/K (-T1 – T2 / T1 • T2)

y y-intercept slope x

Line for no mass change:

log(R2) – log(R1) = E/K (-T1 – T2 / T1 • T2)