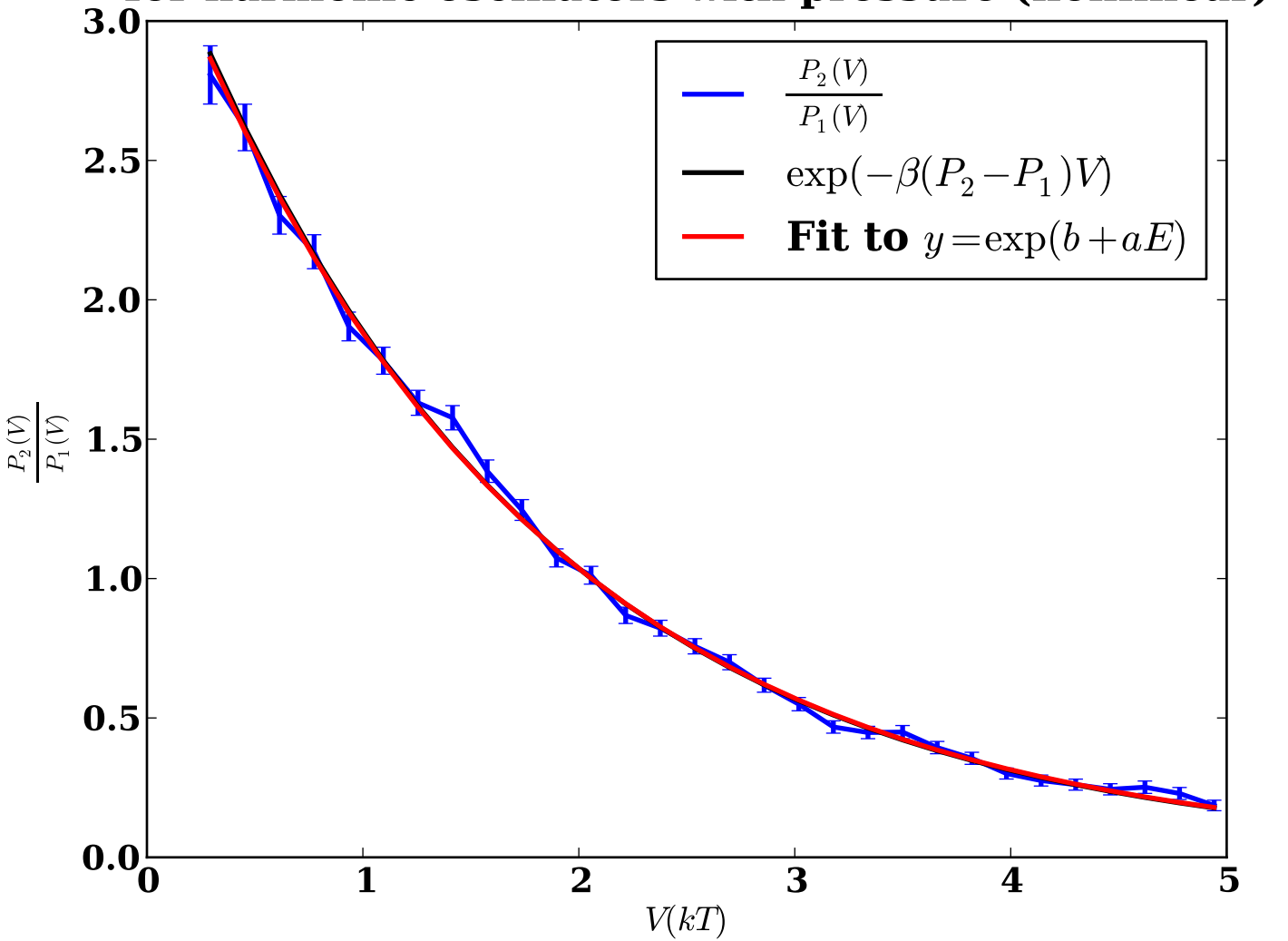
V vs. probability ratio
for harmonic oscillators with pressure (nonlinear)
$\frac{P_2(V)}{P_1(V)}$
$\exp(-\beta(P_2-P_1)V)$
Fit to $y=\exp(b+aE)$
$\frac{P_2(V)}{P_1(V)}$
$V(kT)$
0.0
0.5
1.0
1.5
2.0
2.5
3.0
0
1
2
3
4
5