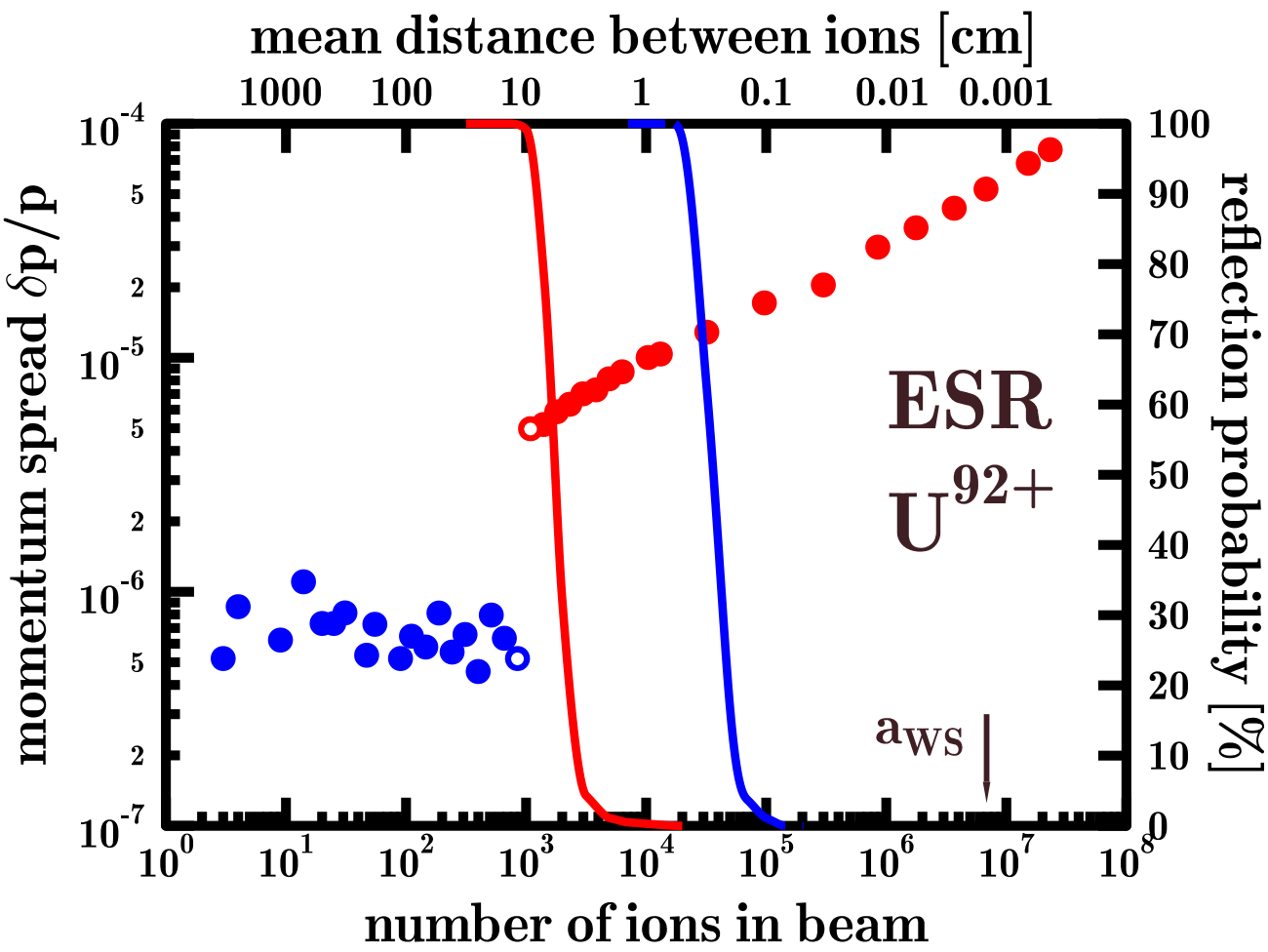
Calculations of the Reflection Probability

Coulomb interaction between two ions
by Monte-Carlo method
input: $q, T_{\parallel}, T_{\perp}, Q_x, Q_y, C/N$



sensitivity of calculations:
to transverse ion temperature is little (factor of 100)
to longitudinal ion temperature is moderate (factor of 5)

R.W. Hasse Phys. Rev. Lett. 83, 3430 (1999)