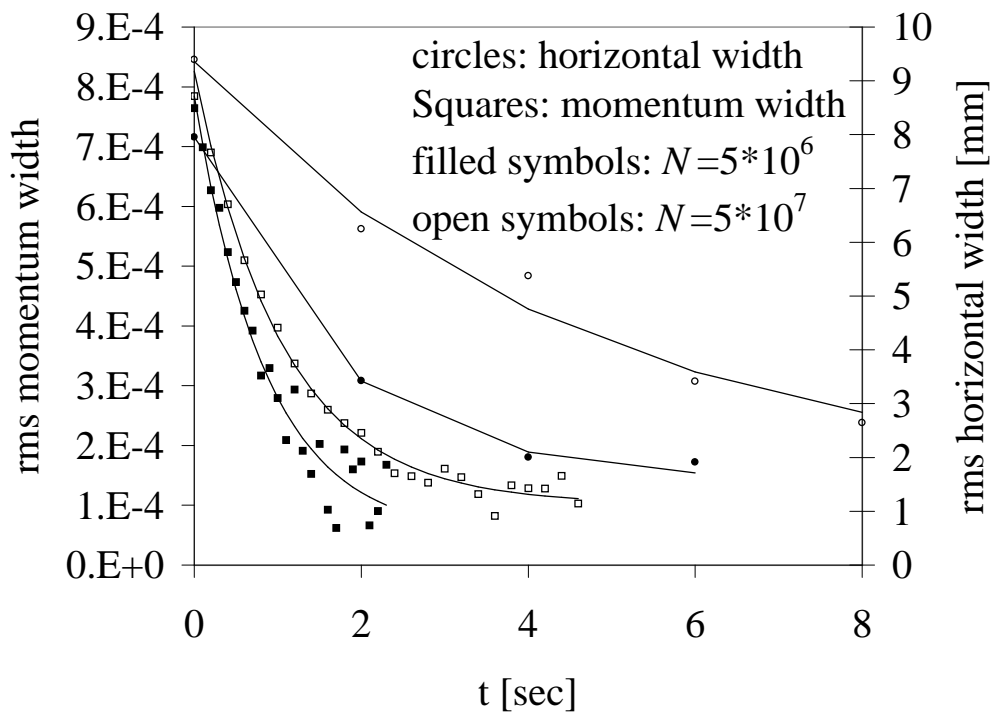
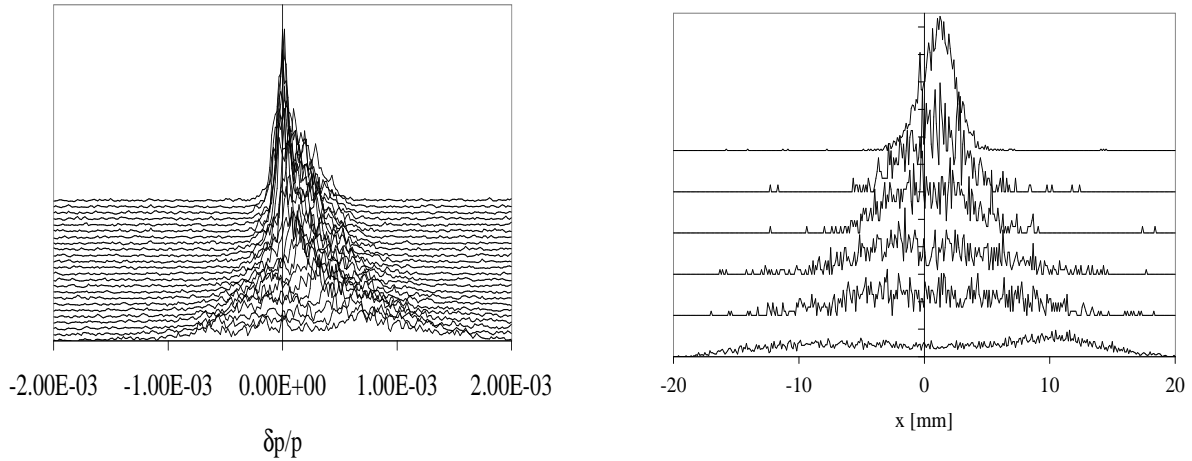


# Stochastic Cooling

$\text{Ar}^{18+}$  391 MeV/u

longitudinal

transverse



cooling time (for  $N = 0.5 / 5 \times 10^7$ ):  
longitudinal 0.9 / 1.1 s  
transverse 1.6 / 4.6 s