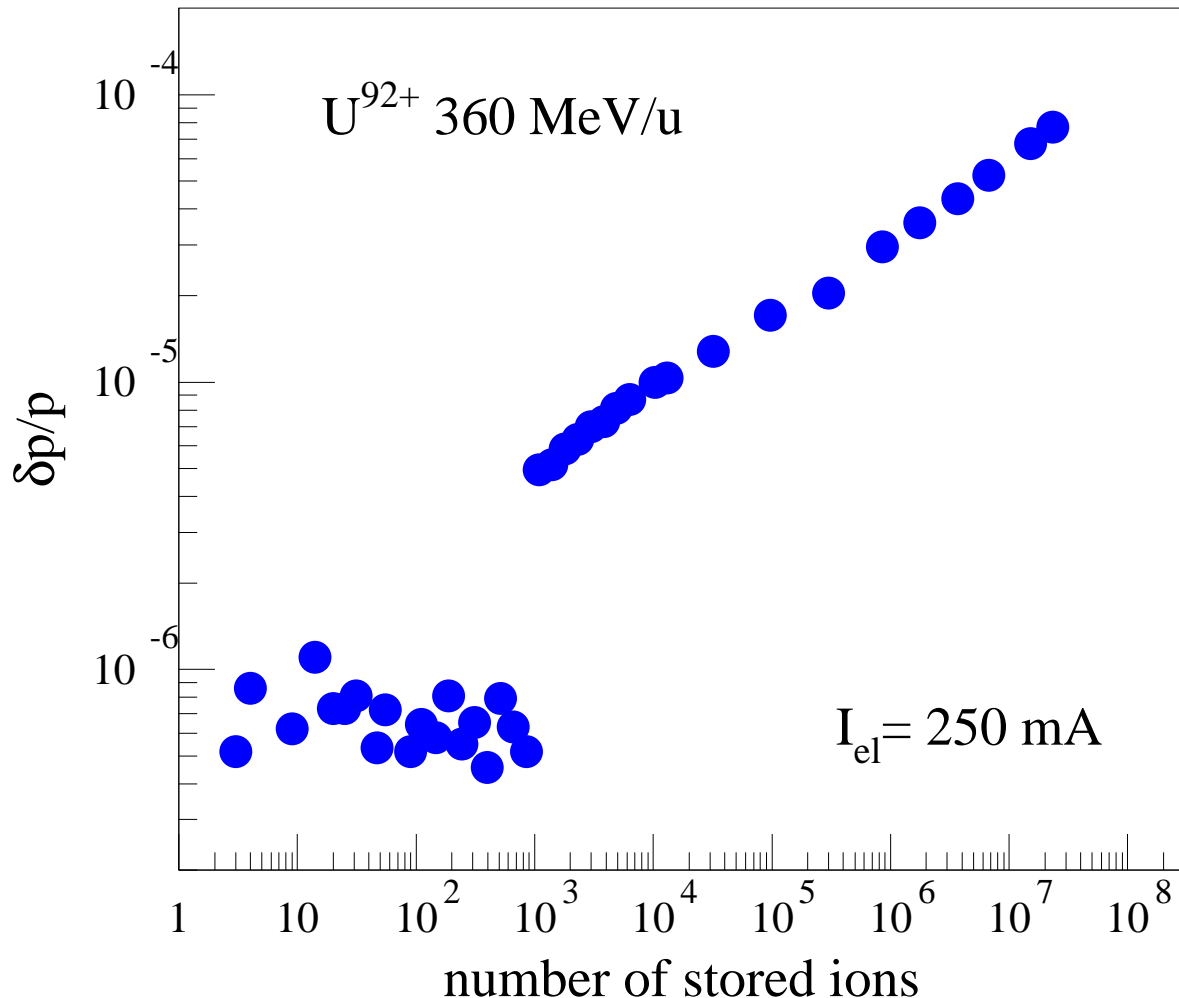


Suppression of Intrabeam Scattering with Electron Cooled Heavy Ions



reduction of momentum spread
by a factor of 10 for 1000 stored ions

\Rightarrow indication of ordering

minimum momentum spread limited
by power supplies