



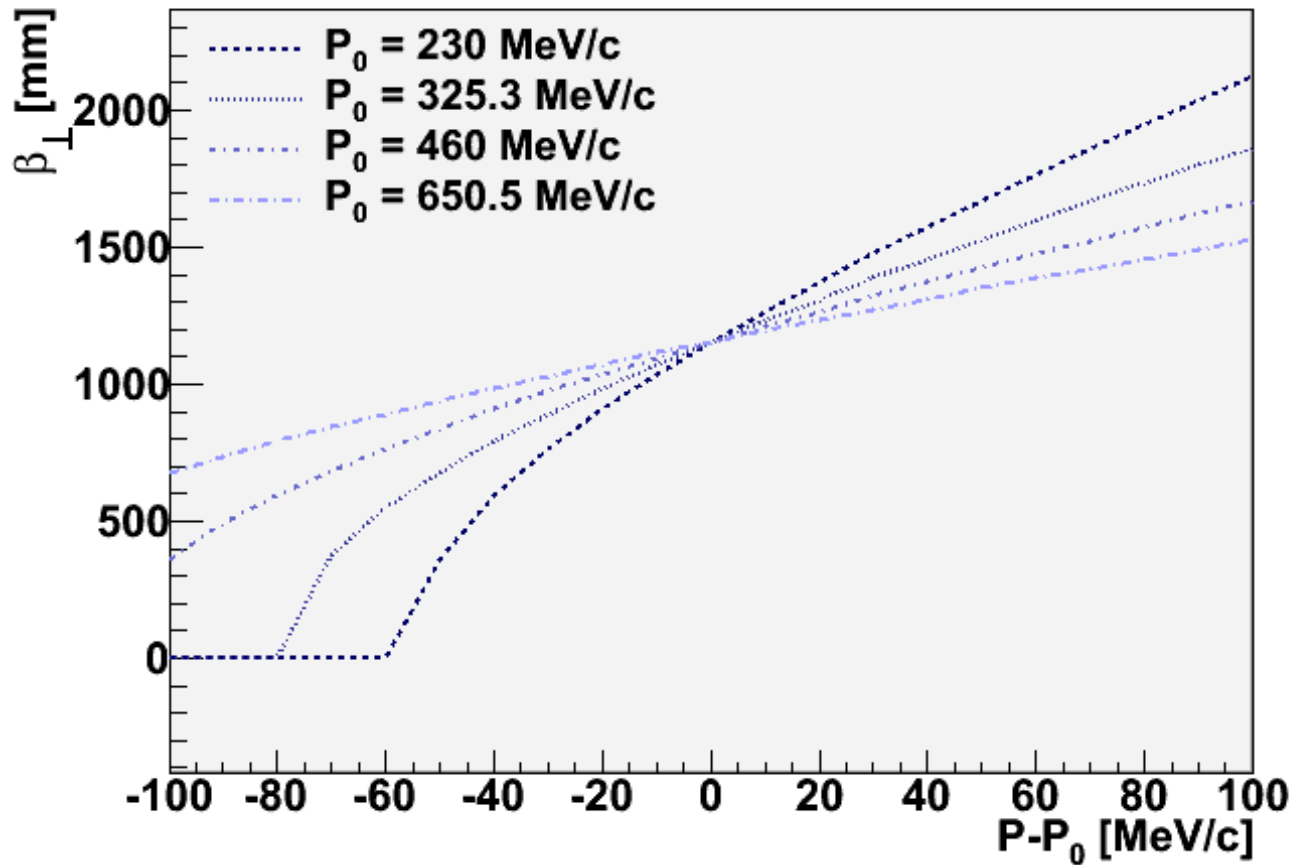
Shielded RF Lattice at Alternate Momenta



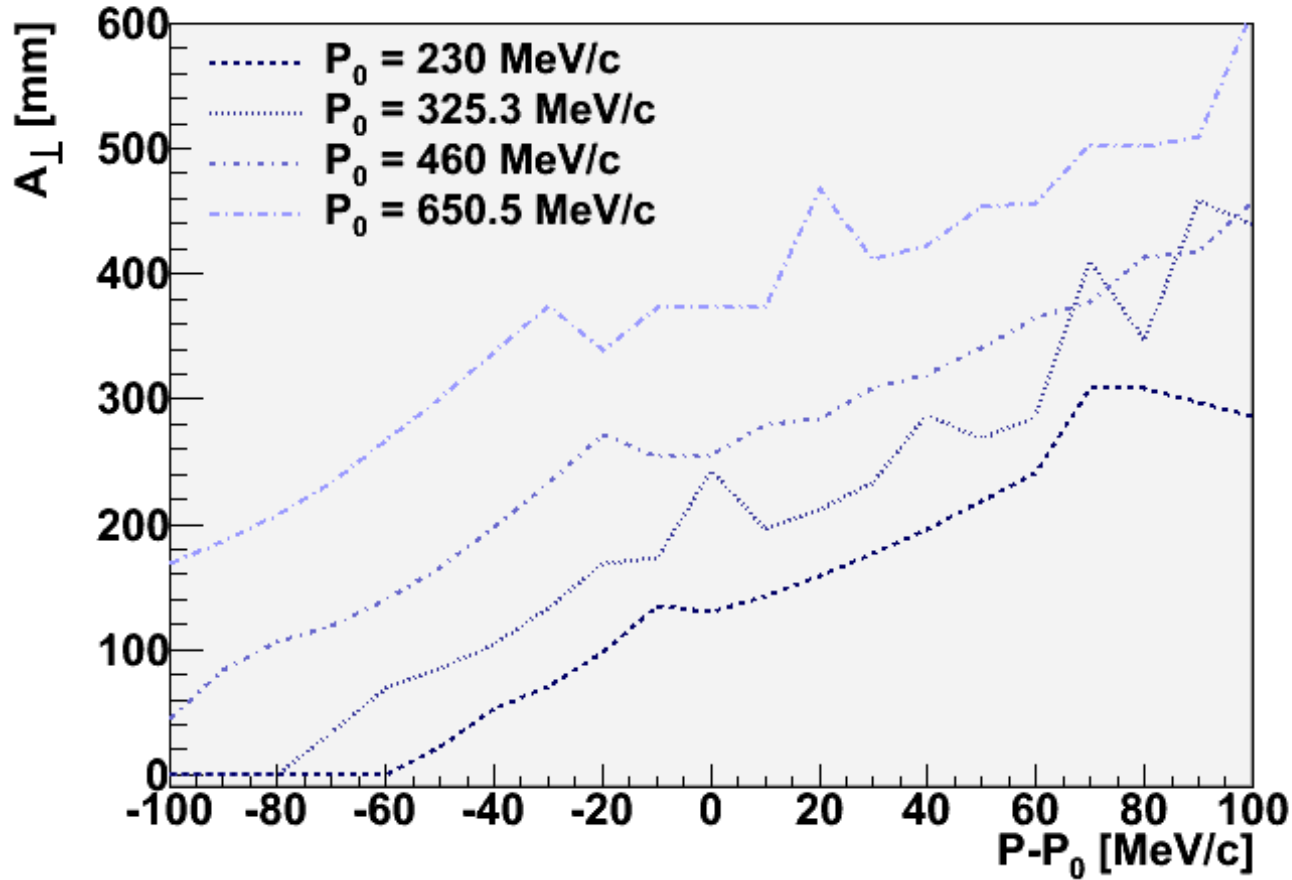
Chris Rogers,
ASTeC,
Rutherford Appleton Laboratory



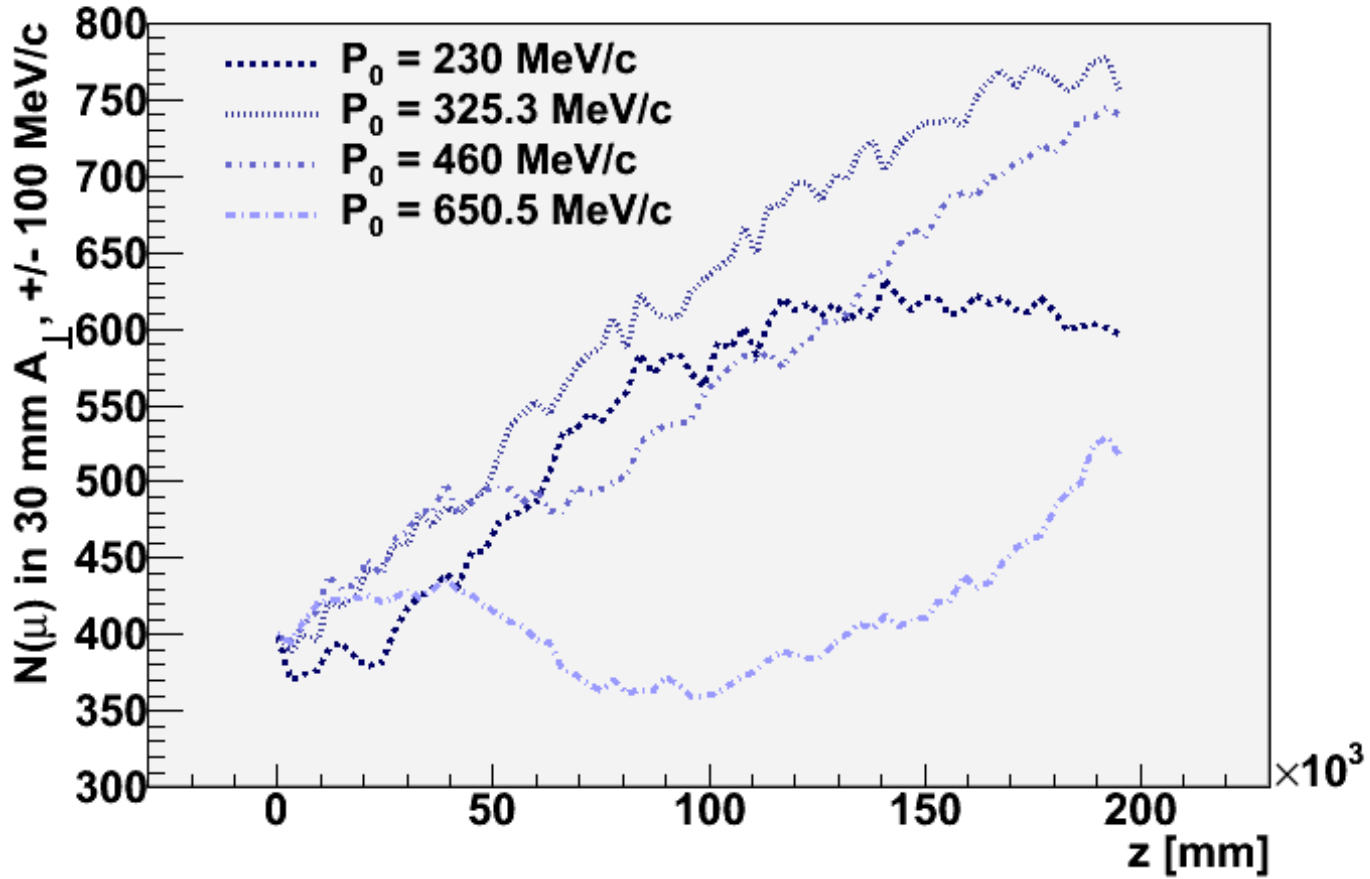
Improved Momentum Acceptance



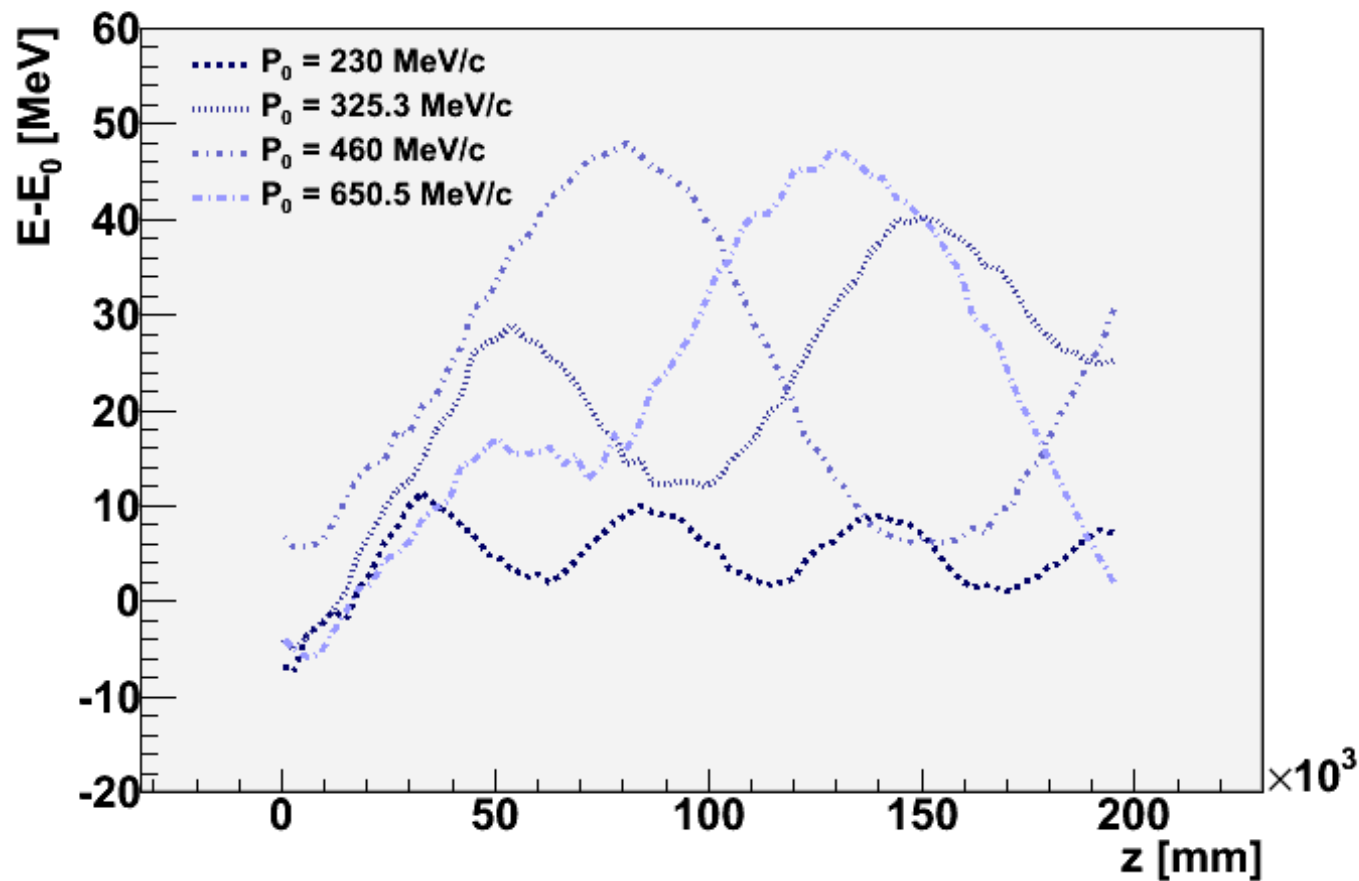
Improved Transverse Acceptance



Better Performance - to a point



Longitudinal Mismatch!





Movie





Plans



- This looks encouraging
- I would like to compare with ICOOL simulation
 - Have started with this
- I should actually make an acceleration lattice
 - Try to do a better job with longitudinal phase space
 - Probably something like intermix RF with cooling
- Need to introduce windows
- Write up