

Completing PREX-2

Near term (2 months): short paper to release results

Longer term (8-12 months): more complete archival paper

We have enough to write the release paper, but to complete the work, focus on tech notes, write ups with detail suitable for archival paper, figures. (Also, good for dissertations!)

- Optics
 - PREX optics check. Ztarg optimization?
 - CREX optics check
- Target simulation? (radiation, rate, thickness, carbon fraction)
- Closer examination of vertex vs apparent distribution?
 - Multiple scattering model
- More complete acceptance function
 - Better binning
 - Comparison of various (acceptance models)
- PREX-1 / PREX-2 combination
 - PREX-I acceptance function?