

Angularly resolved characterization of ion beams from laser-ultrathin foil interactions

The following data is included:

Fig2

- RCF scans from EBT2 and HDV2 irradiated at Birmingham cyclotron – scanned with 1200dpi resolution using Epson Perfection V750 Pro scanner.
- Corresponding dose for each RCF layer.

Fig3Fig4

- RCF from Gemini 2014 campaign for RCF stack and 10 nm amorphous carbon target and LP polarization

Fig5

- CR-39 stack (A-G) from Gemini 2013 campaign shot 147, with different etch times and magnification (see file names).
- Microscope calibration for different magnifications.

Fig6

- CR-39 and RCF layers from Gemini 2014 campaign scanned with 1200 dpi resolution
- CR-39 horizontal lineout from shot 131 Gemini 2014 campaign captured using X20 microscope.