

TTU Ion Generator Development

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A Cesium sputter ion source has been repurposed into a laser ablation ion source. Utilizing an existing sputter source, we have modified its structure to include the properties of a laser ion source where the target is renewed by rotating the target while the laser's focus remains fixed. This source is simulated using an open source ion beam extraction simulation named *IBSimu*. Preliminary results for this ion beam will be presented.