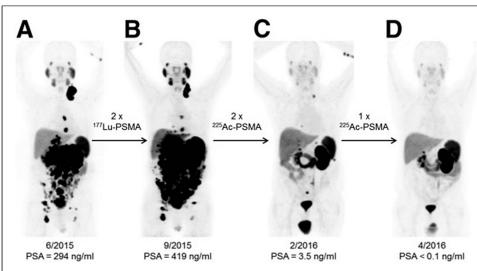
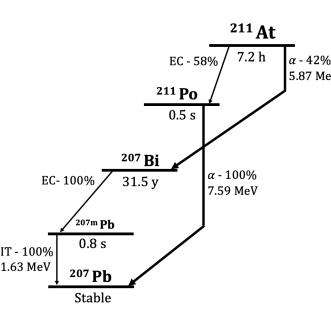
Brooklyn D. Green^{a,b}, Steven J. Schultz^{a,b}, Evgeny E. Tereshatov^a, Justin Tobar^{a,b}, Gabriela A. Picayo^c, Laura A. McCann^{a,b}, Lauren A. McIntosh^a, Sherry J. Yennello^{a,b}

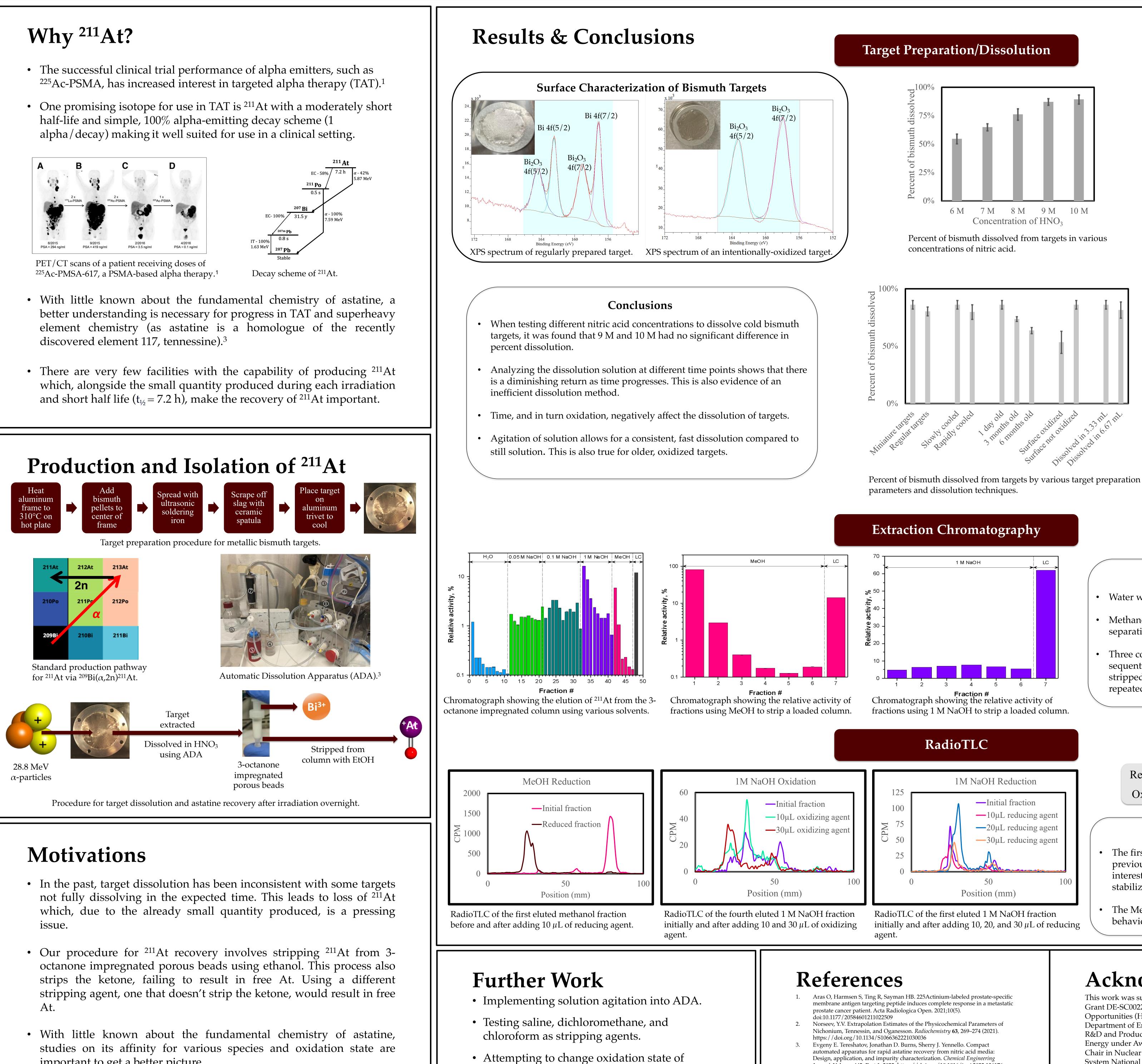
^a Cyclotron Institute, Texas A&M University, College Station, TX 77840

- half-life and simple, 100% alpha-emitting decay scheme (1





- discovered element 117, tennessine).³
- and short half life ($t_{1/2} = 7.2$ h), make the recovery of ²¹¹At important.



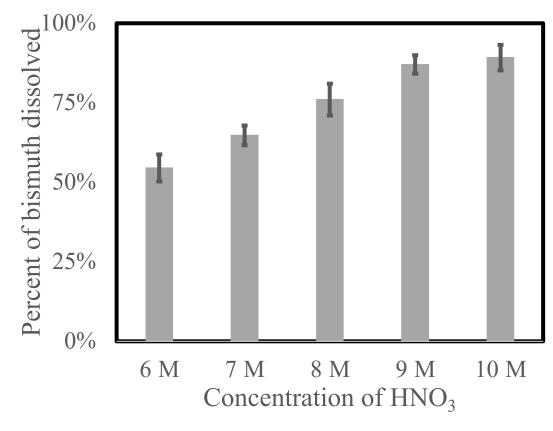
astatine before loading onto the column.

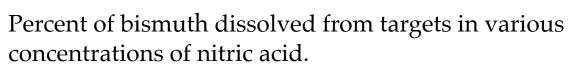
- important to get a better picture.

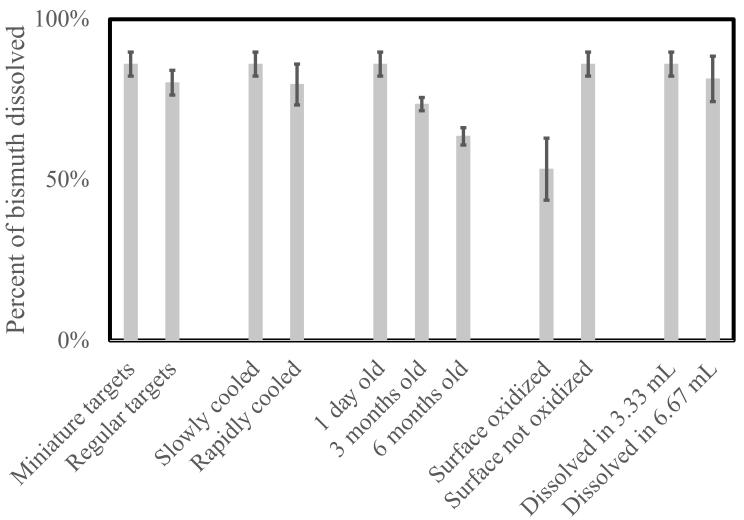
Investigating the Production, Separation, and Chemistry of ²¹¹At

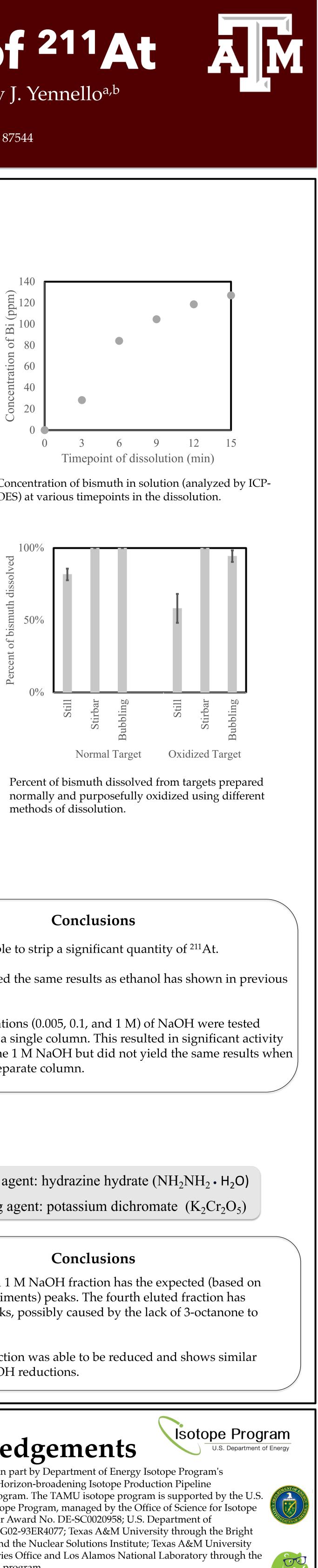
^b Department of Chemistry, Texas A&M University, College Station, TX 77840

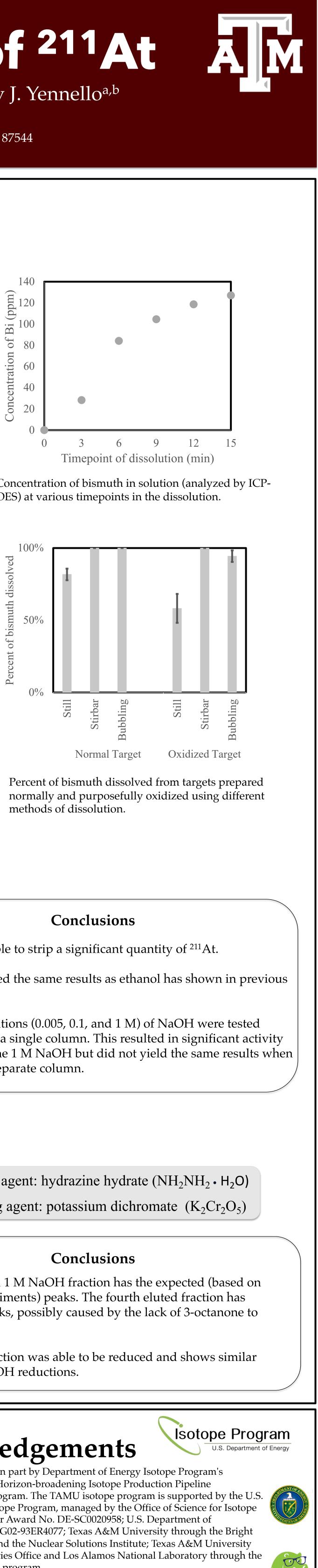
^c Los Alamos National Laboratory, Los Alamos, NM 87544

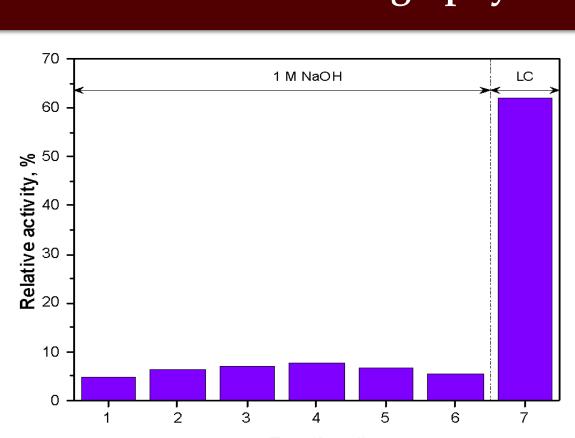




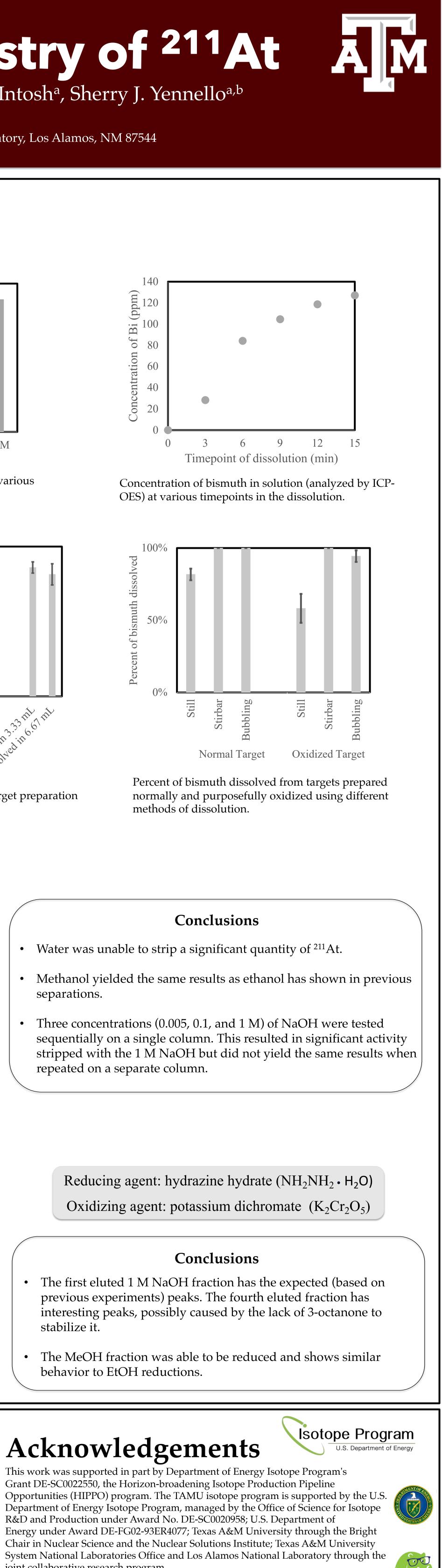












- stabilize it.
- behavior to EtOH reductions.

Acknowledgements

joint collaborative research program.

- Journal, Volume 442, Part 1, 2022, https://doi.org/10.1016/j.cej.2022.136176.