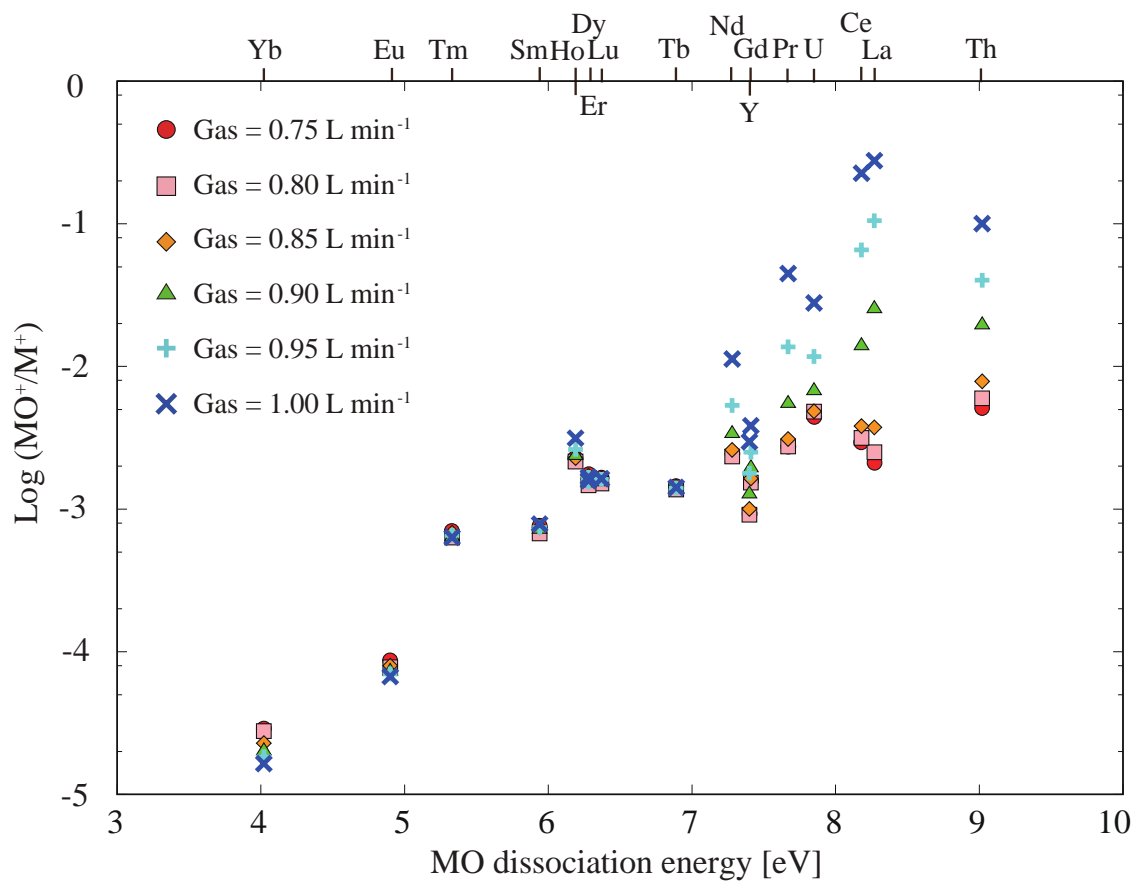


Electronic Supplementary Information

ESI Figure S-1. Plot of $\log(MO^+/M^+)$ of phosphate versus MO dissociation energy for REE, Th, and U with various sample gas flow rates.

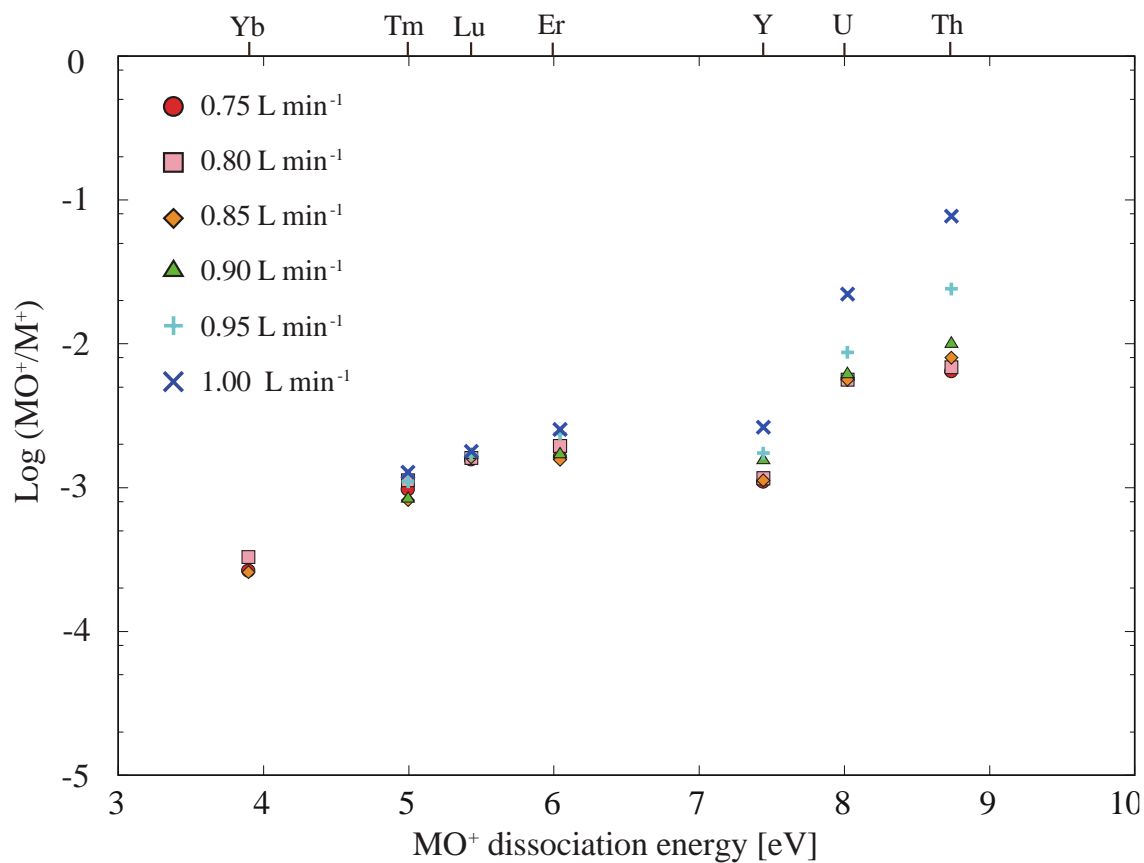


References

- (1) Haynes., W. M. *CRC Handbook of Chemistry and Physics*, 94th ed.; CRC Press: Boca Raton, 2013.
- (2) Ackermann, R. J. *J. Chem. Phys.* **1976**, *65* (3), 1027.

Electronic Supplementary Information

ESI Figure S-2. Plot of $\log(\text{MO}^+/\text{M}^+)$ of zircon versus MO^+ dissociation energy for REE, Th, and U with various sample gas flow rates.



References

- (1) Haynes., W. M. *CRC Handbook of Chemistry and Physics*, 94th ed.; CRC Press: Boca Raton, 2013.
- (2) Ackermann, R. J. *J. Chem. Phys.* **1976**, 65 (3), 1027.