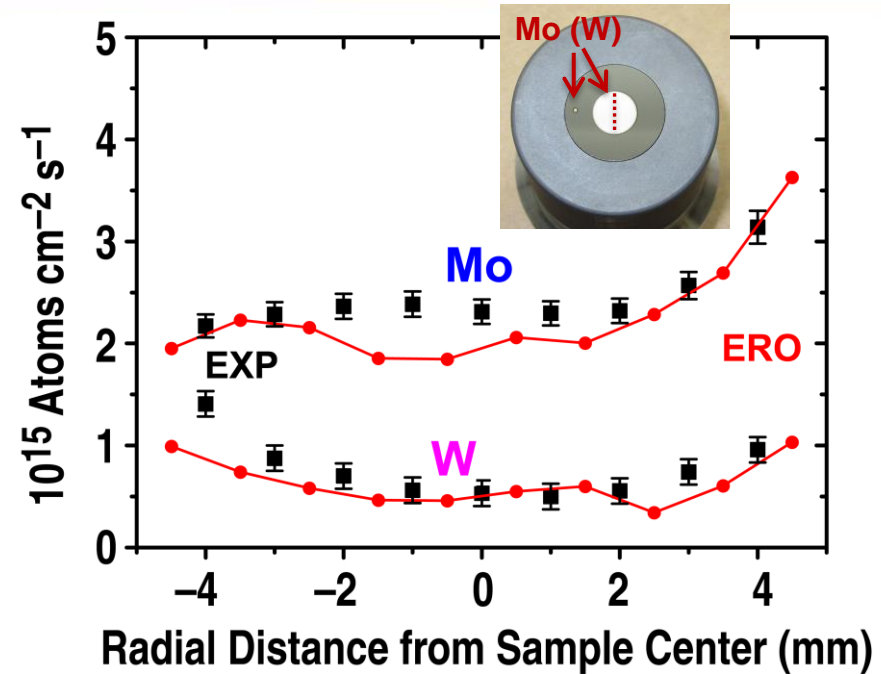


# High-Z Material Erosion in a Mixed Materials Environment is Strongly Affected by Sheath Potential and Background Impurities

- Experimental results of net erosion rate of high-Z materials are reproduced by ERO modeling taking into account material mixing
- Demonstrated suppression of High-Z material erosion with active electrical biasing, as well as local gas injection



✓ Model validation on DIII-D experiments allows better prediction of W erosion in ITER

