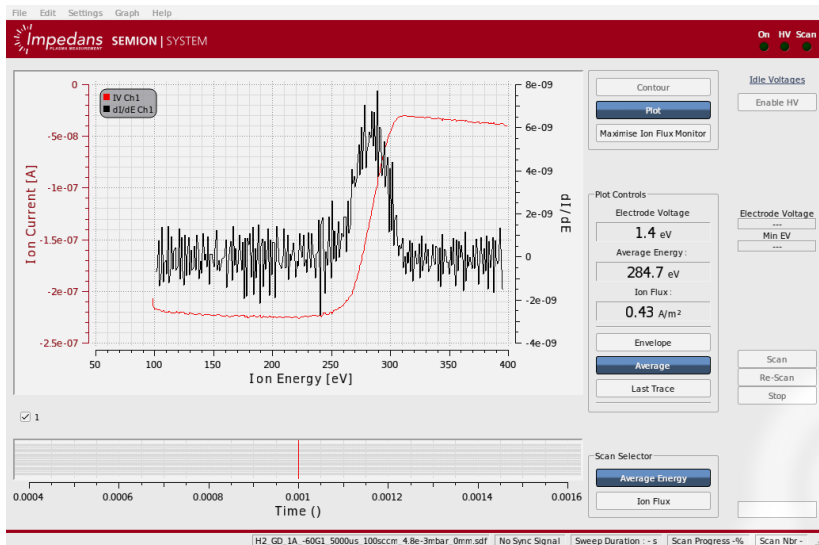


RFEA scan results

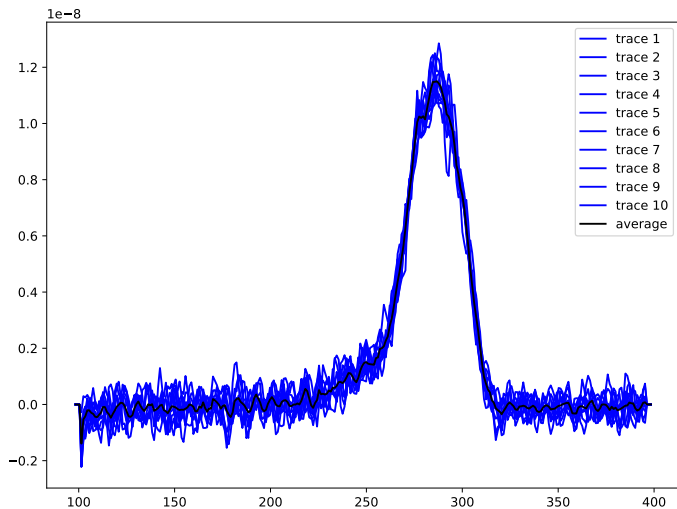
Arthur Adriaens

2025

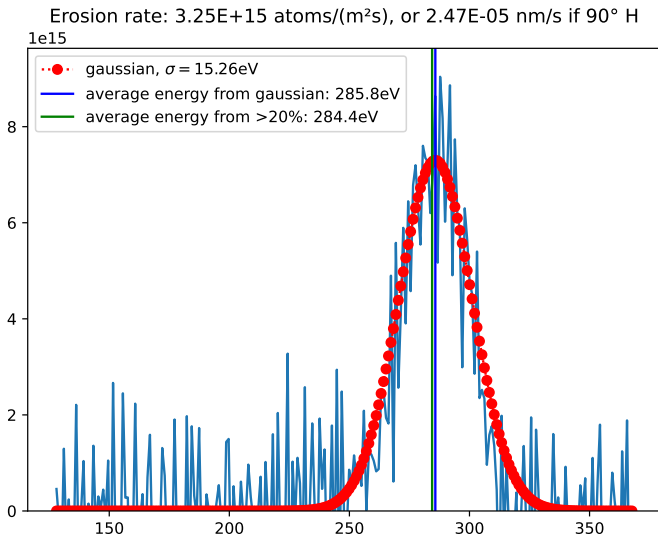
semion result



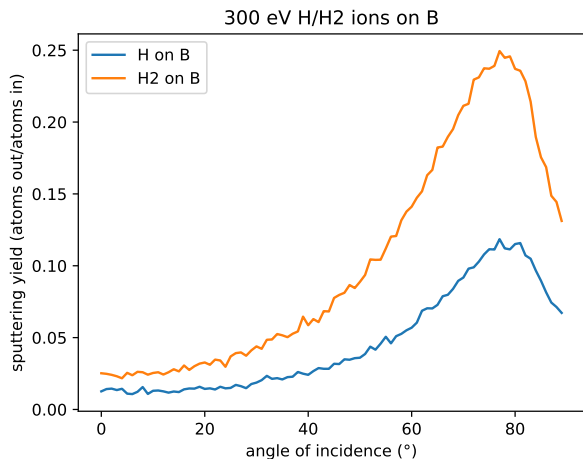
multiple traces \rightarrow errors



simple transform to usable distribution (flux vs energy)

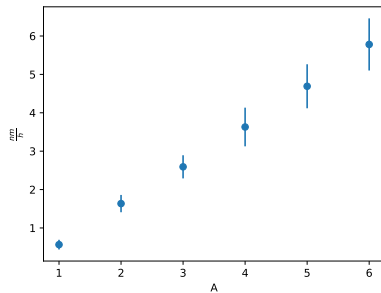
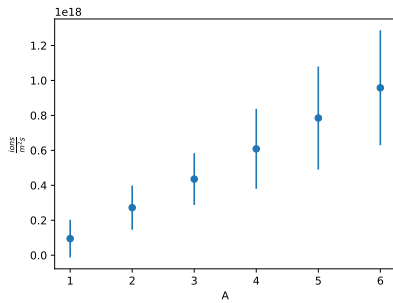
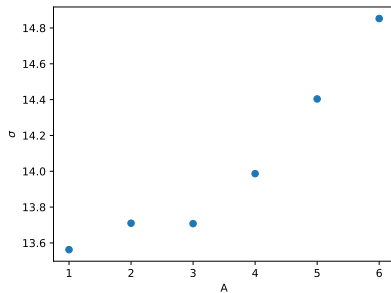
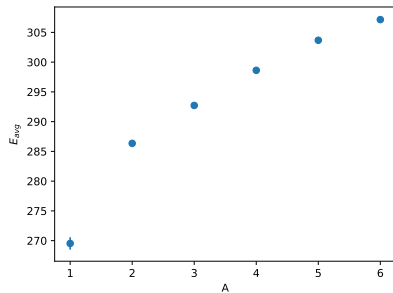


sputtering depends on angle and projectile species

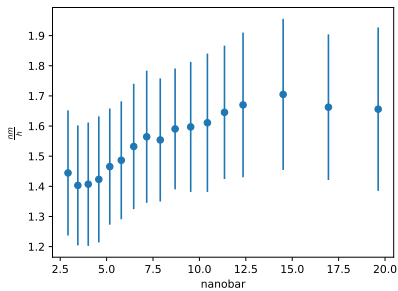
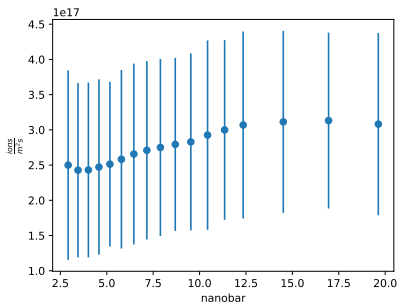
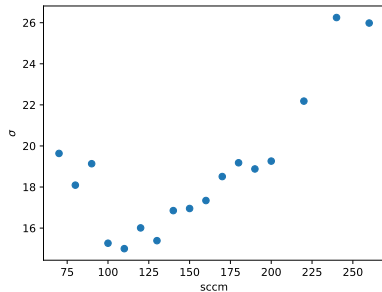
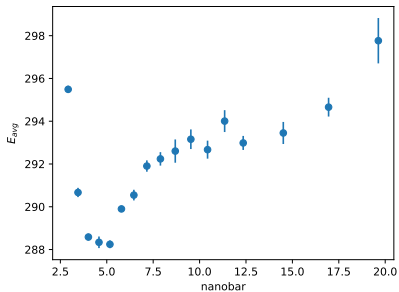


We will assume worst case scenario: 80° and H₂ majority plasma.

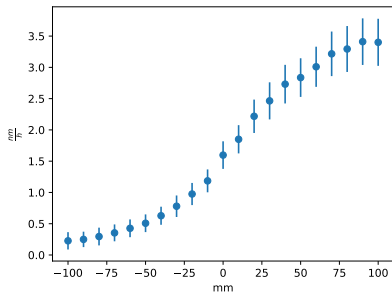
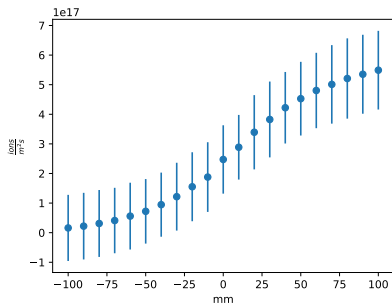
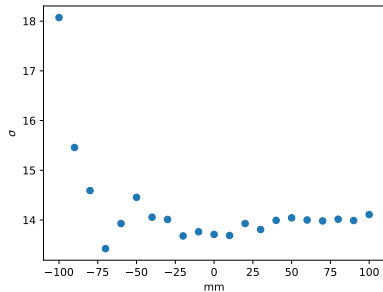
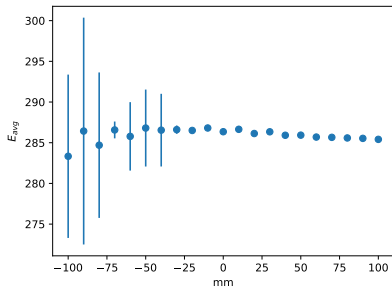
H2 100sccm GD current variance at 0mm



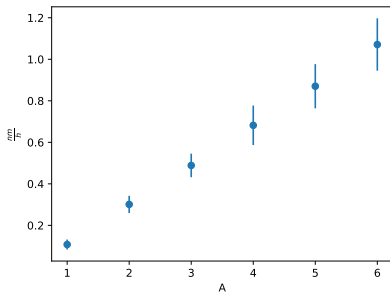
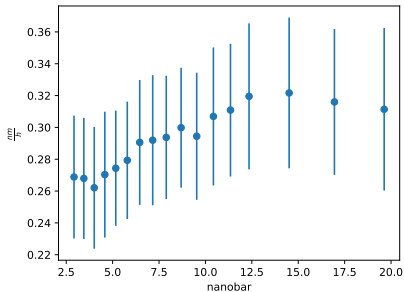
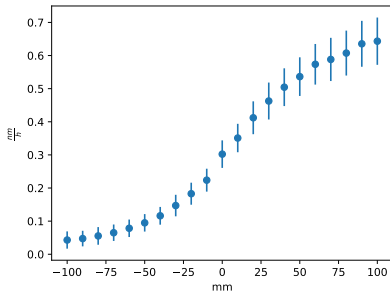
H2 2A gas amount variance at 0mm



H2 2A position variance at 100scm



less conservative erosion estimates



Hydrogen ions equally likely
angle distribution