RFEA scan results

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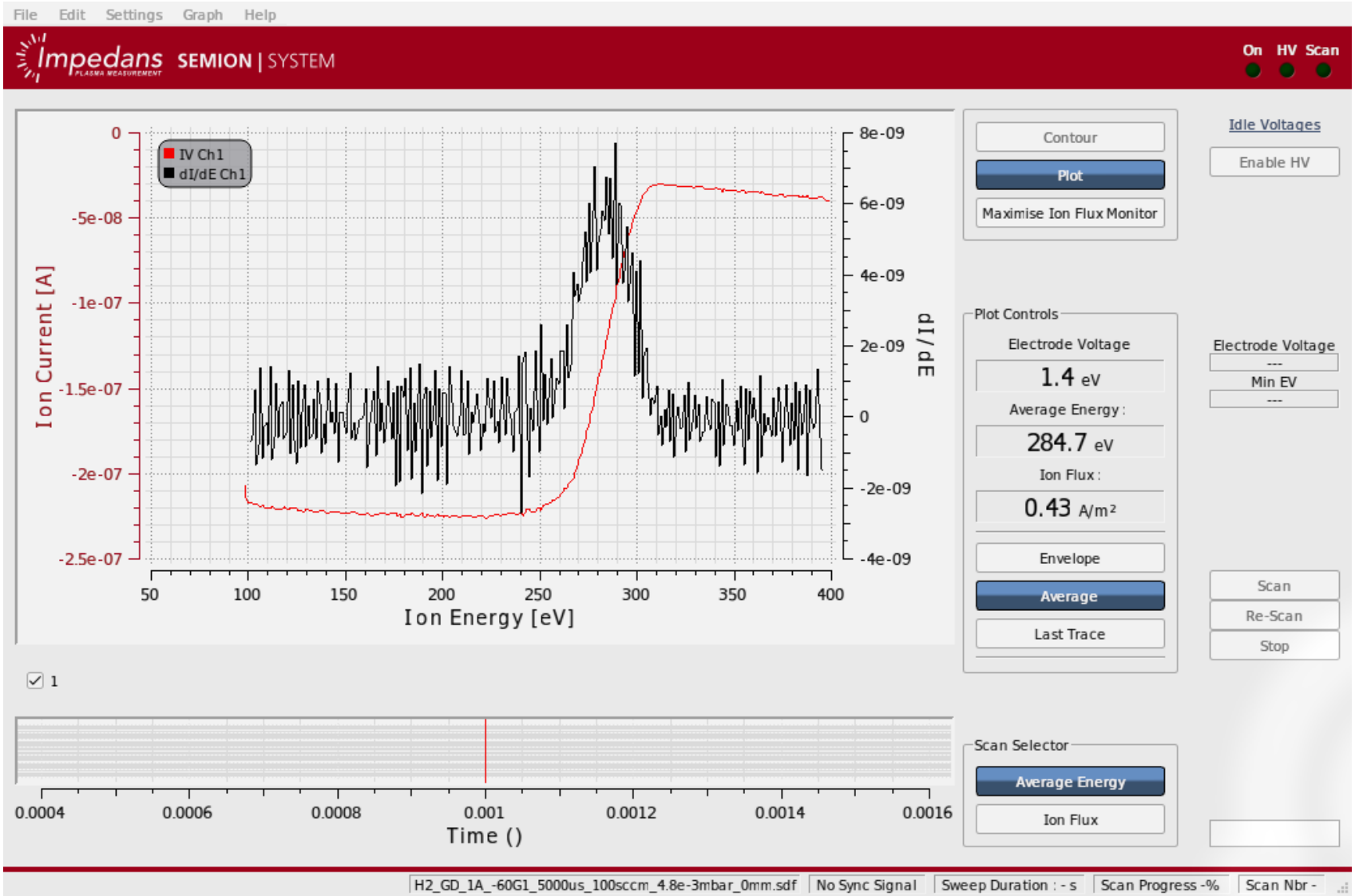
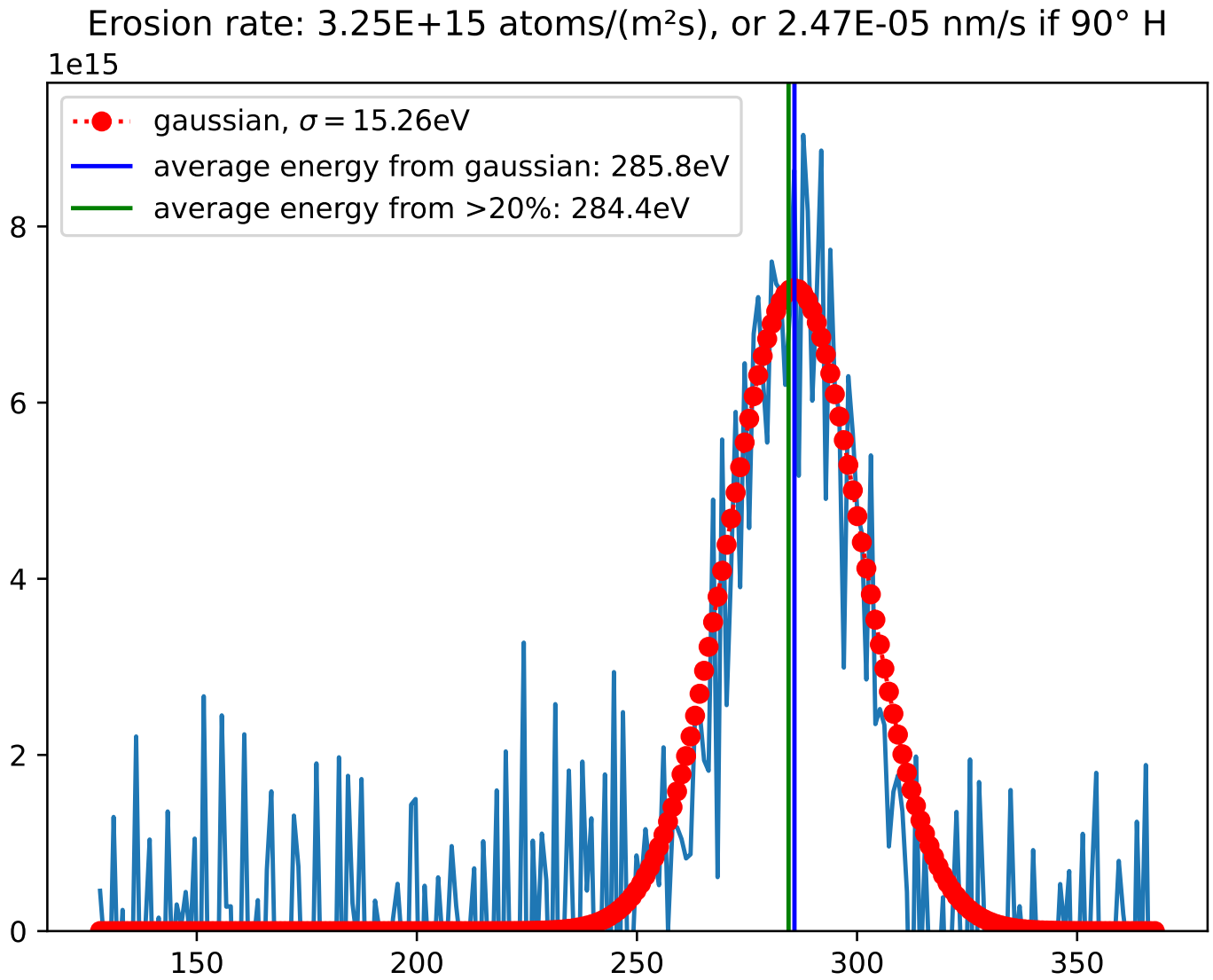
2025

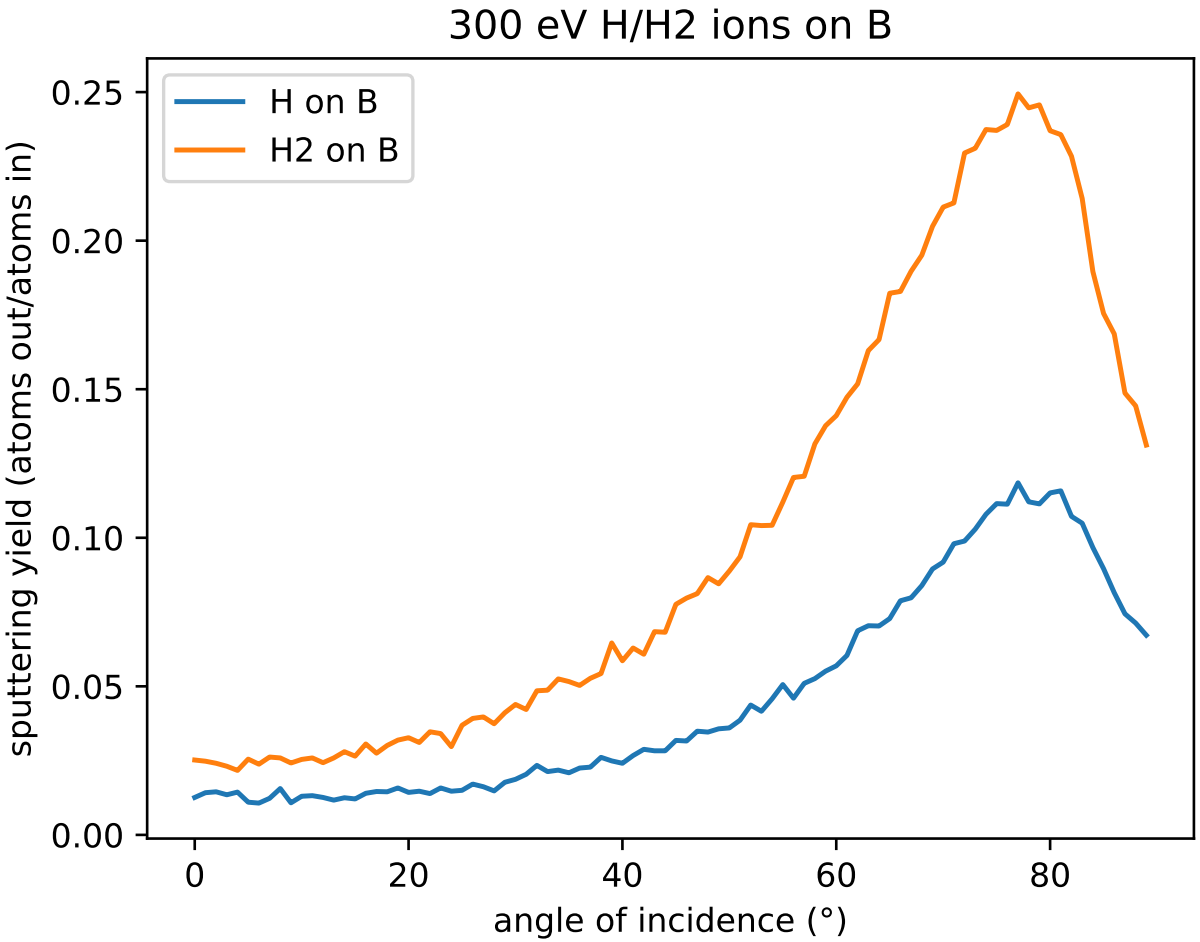
semion result



simple transform to usable distribution (flux vs energy)

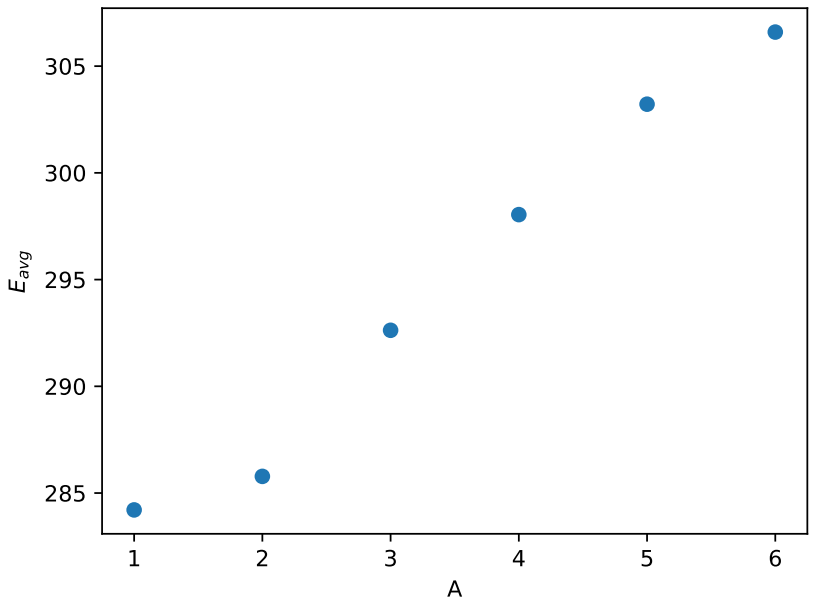


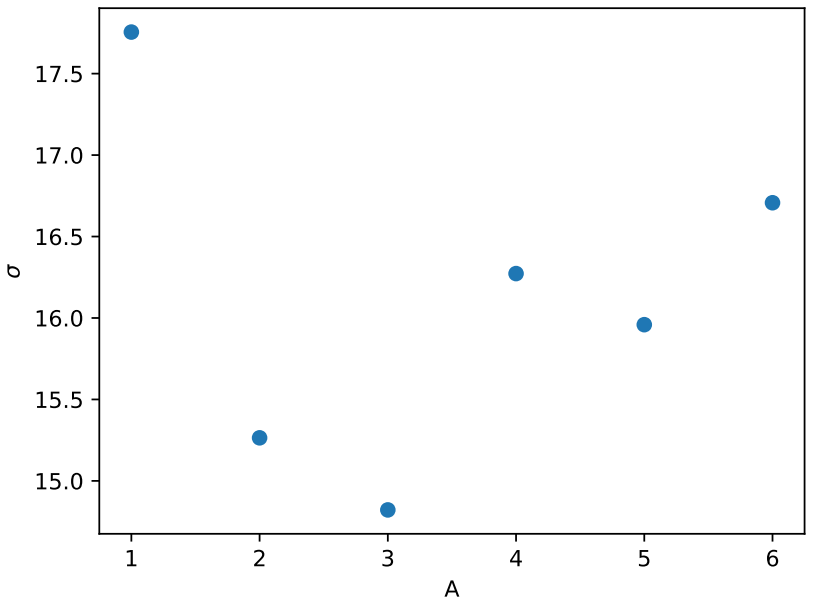
sputtering depends on angle and projectile species

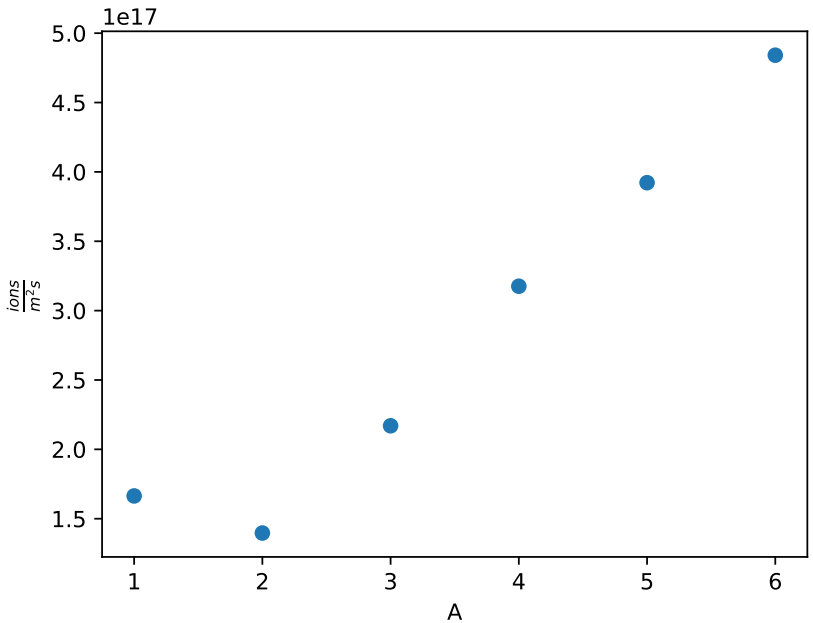


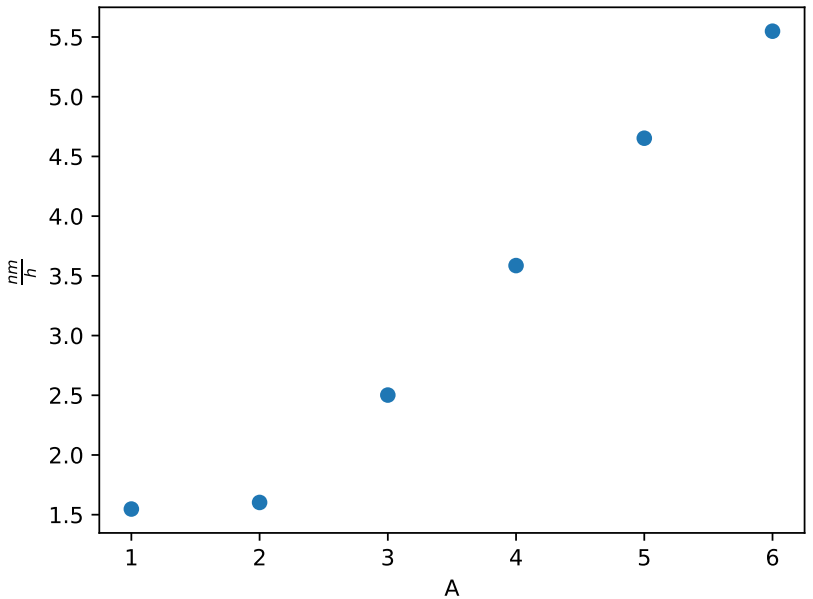
We will assume worst case scenario: 80° and H2 majority plasma.

H2 100sccm GD current varience at 0mm

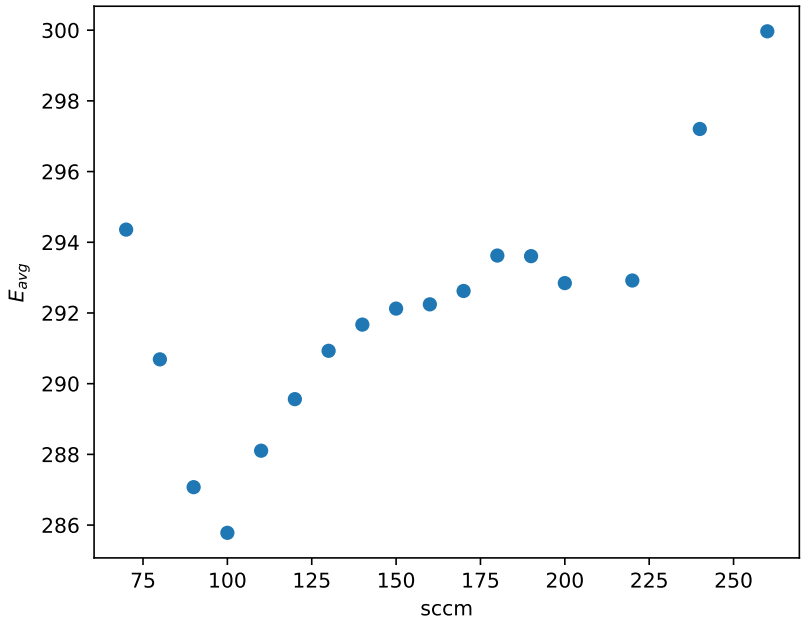


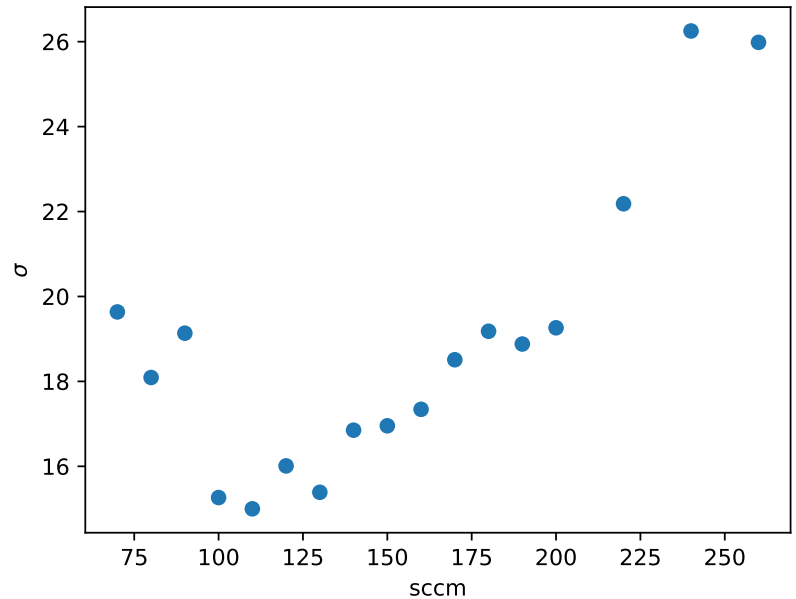


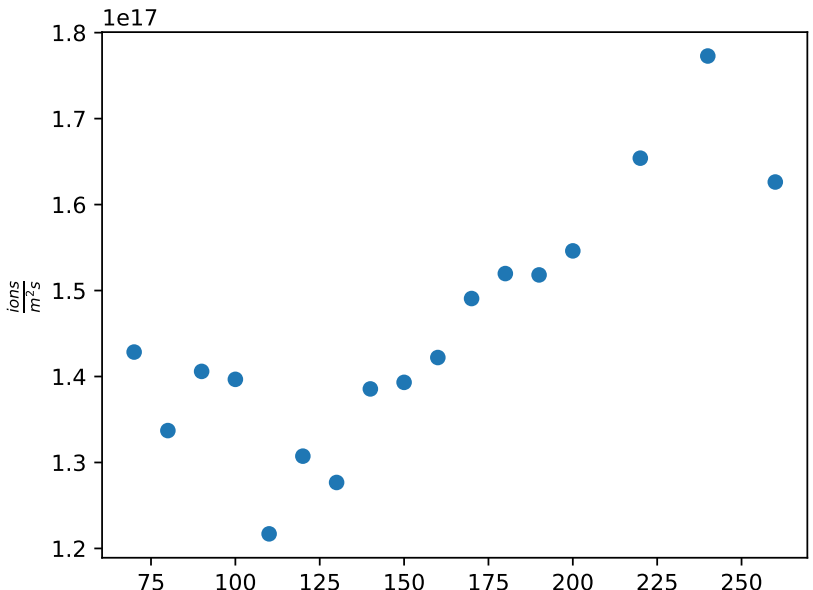


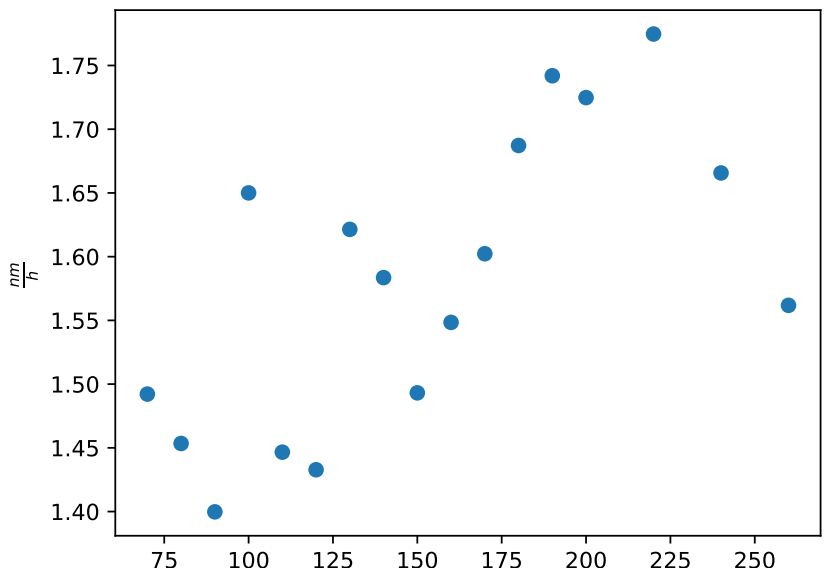


H2 2A gas amount varience at 0mm

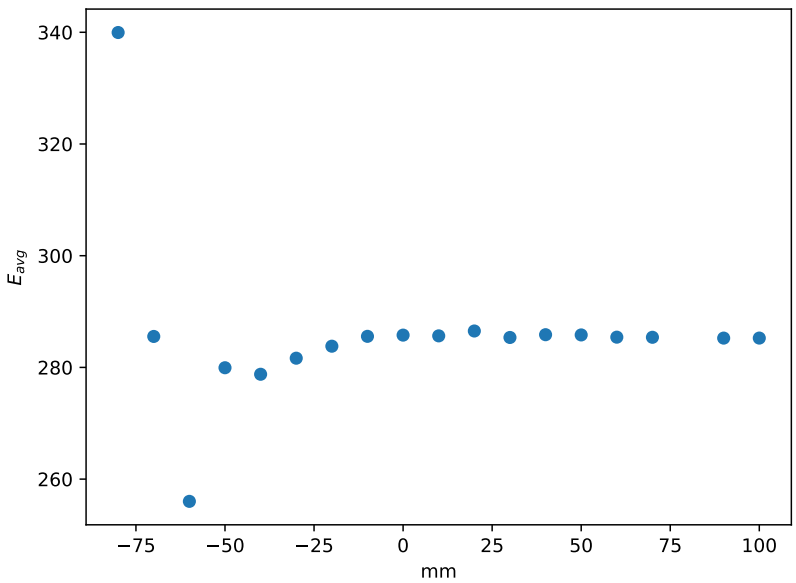


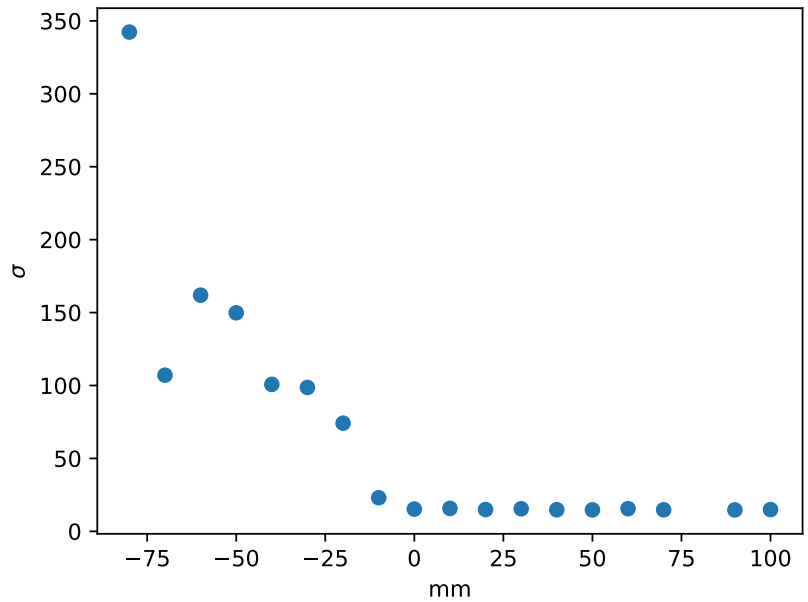


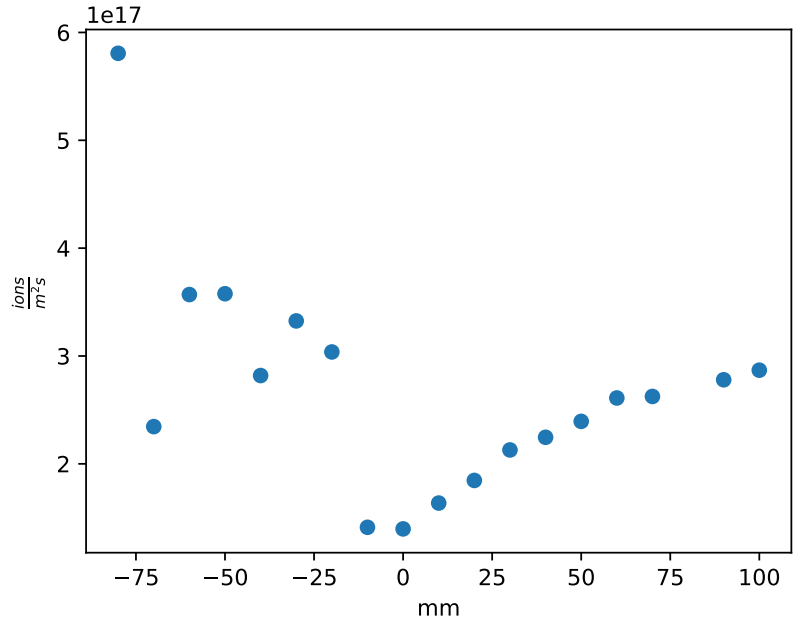


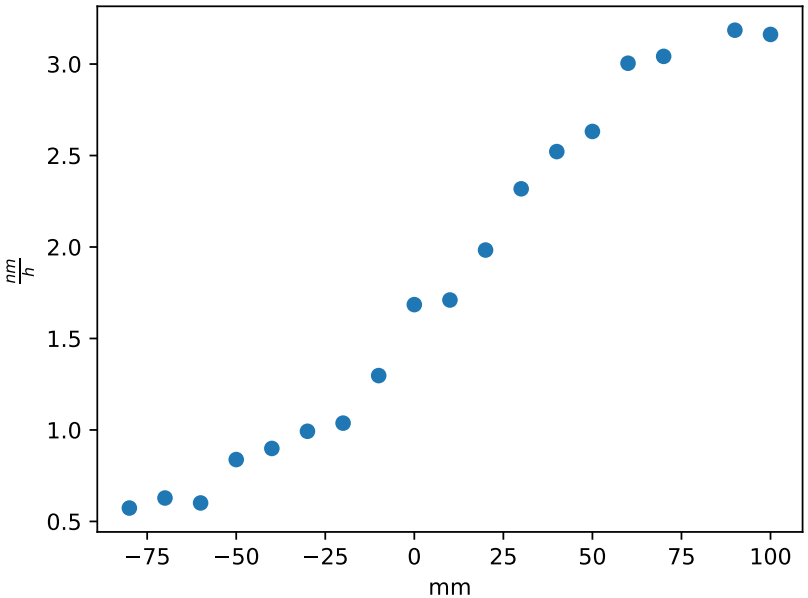


H2 2A position varience at 100sccm

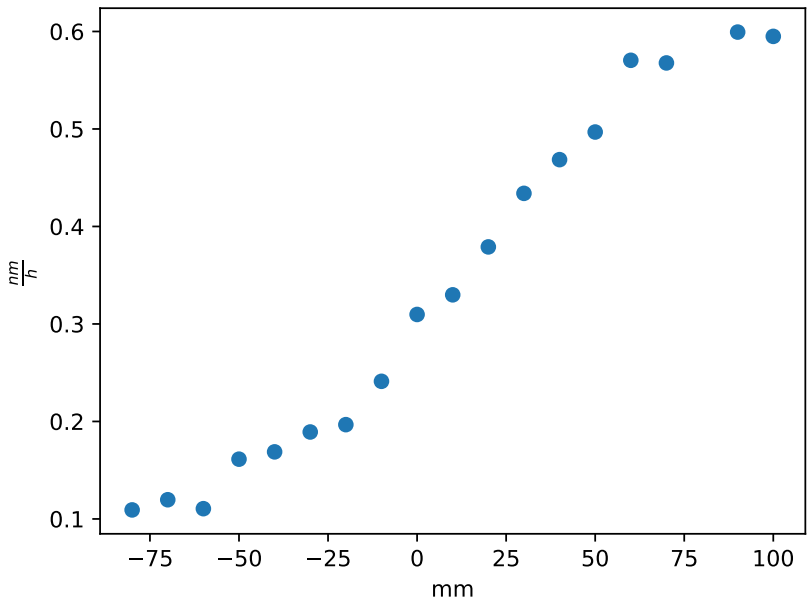


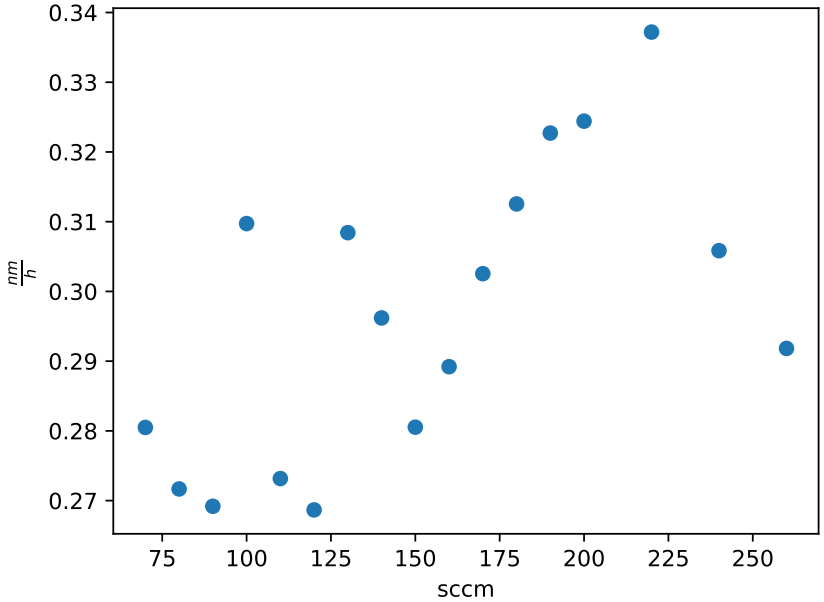


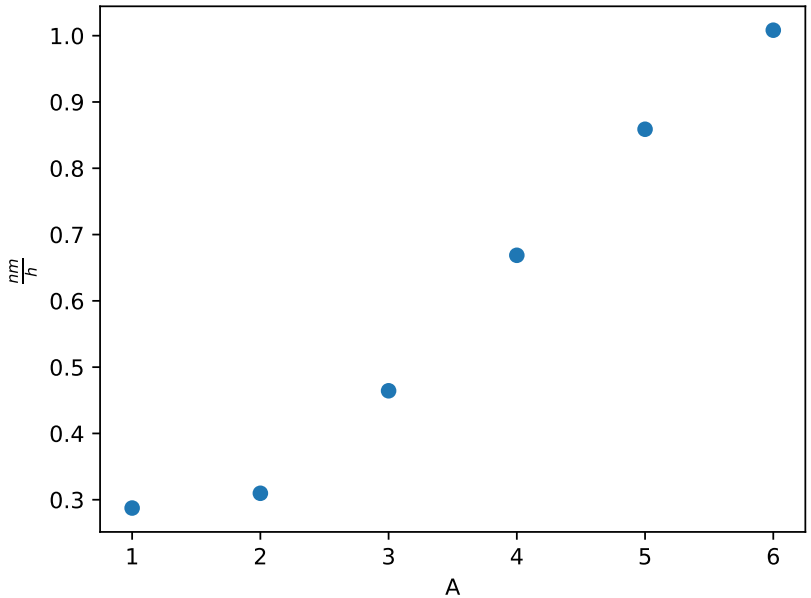




more realistic erosion estimates







Hydrogen ions equally likely angle distribution

fitting problems with pos -60 and -80 due to noise