Rates:

Volumetric ionization ta, K\_iz\_a \* n\_e \* n\_g \* \*t\_a \*V

Wall Loss tb: n\_e \* u\_B \* t\_b \* A\_tot

Tb loss to electrode a: n\_sa \* A\_a \* u\_B \* t\_b

Tb loss to electrode b: n\_sb \* A\_a \* u\_B \* t\_b

Ta loss electrode a: A\_a \* n\_sa \* u\_B\_a \* t\_a

Ta\_packing\_wall\_loss: n\_e\*exp(-1/2)\*u\_B\_a\*A\_tot\*t\_a

Ta\_vol\_double\_he\_exc\_ion: Volume\*(n\_He\_exc\_a\*\*2)\*K\_2\_iz\_a\*t\_a