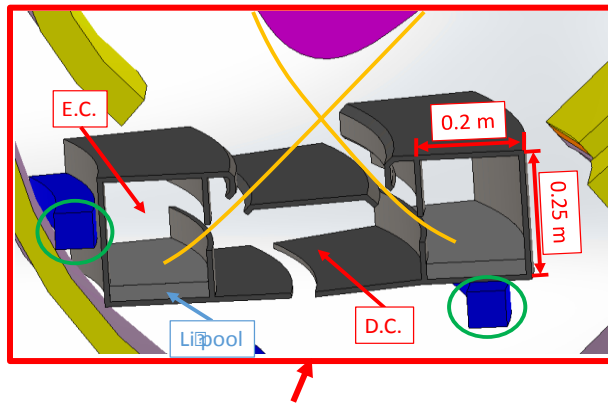


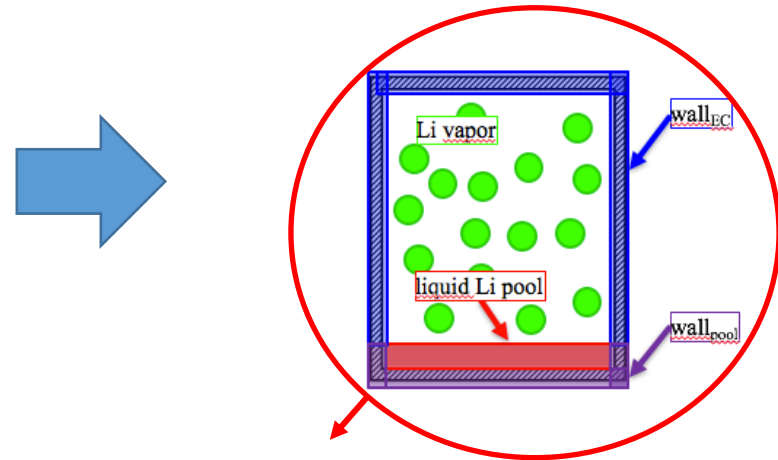
Thermodynamics of the Lithium Loop in a Liquid Metal Divertor for Future Fusion Reactors

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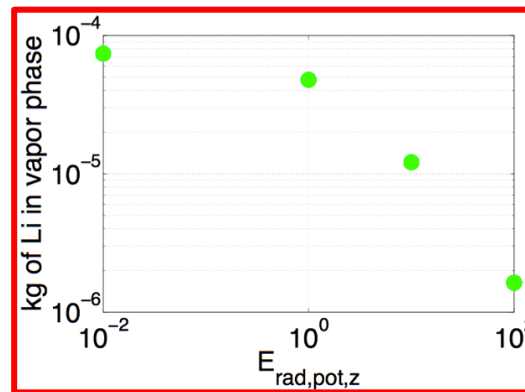
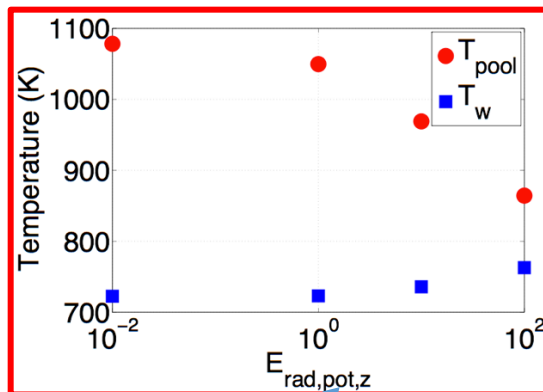


Preliminary LM divertor to fit in DTT



Simplified 0D mass and energy balance

RESULTS



Radiated energy per impurity particle

Li "vapor shield" supports evaporation/condensation in spreading a high heat load over a wide surface