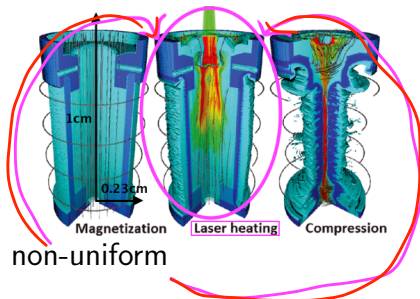


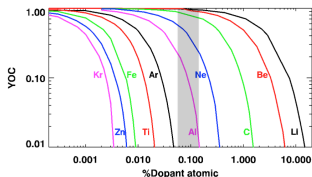
Magnetic liner inertial fusion (MagLIF)

(1) The scheme

- ▶ Slutz et. al., Phys. Plasmas **17**, 056303 (2010)
- ▶ Slutz + Vesey, PRL **108** 025003 (2012)
- ▶ Slutz et. al., Phys. Plasmas **23** 022702 (2016)



(2) A problem: laser preheat is non-uniform



Mixing fractions for given elements. Higher Z materials will exhibit more mix.

MagLIF reduced to a toy problem

Codes: *FLASH* (sim below), *Perseus*

