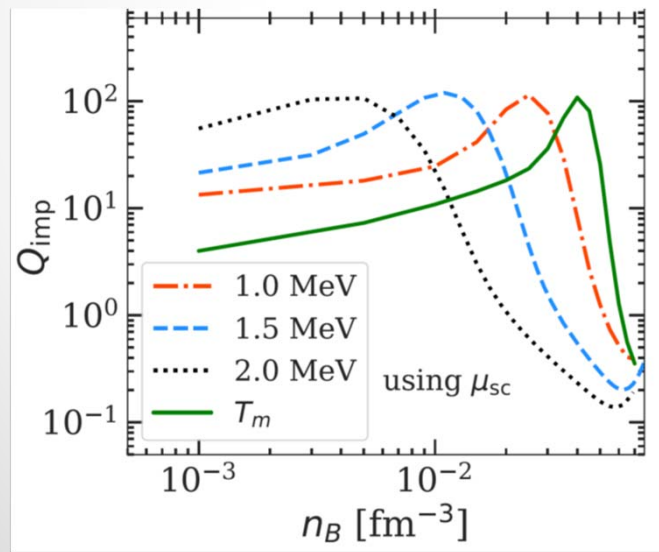


Clustering in the (proto)NS

Impurities in the solid phase

- Stress tensor $\frac{\partial \delta f_i}{\partial x_j} \Rightarrow$
microscopic shear modulus \Rightarrow
i-modes?
- Interplay with the EoS?



Light clusters in the liquid phase

$$m_{AZ}^* \approx m_{AZ}^{vac} - A \mathbf{x}_s(n, T) g_s(n) \langle \sigma \rangle$$

- Disentangle scalar and vector contributions \Rightarrow more theo and exp benchmarks?
- Applications in HI transport?

