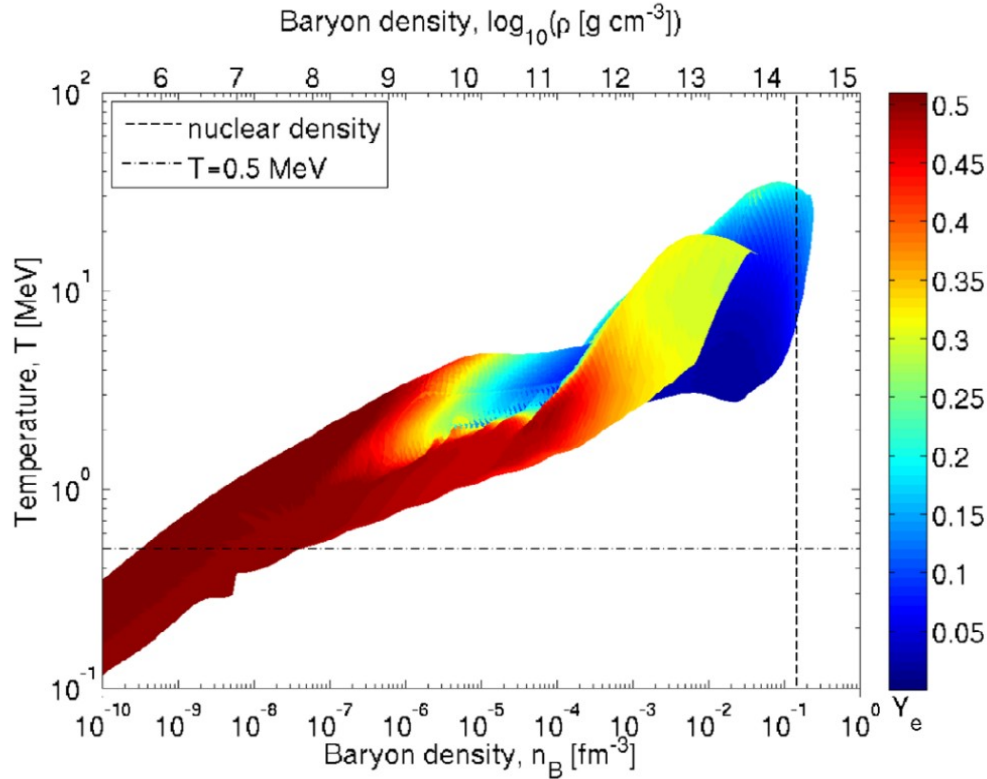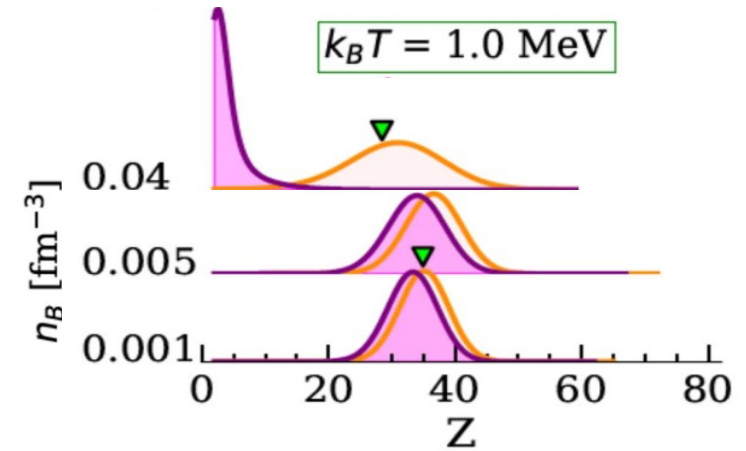# Clustering in compact stars (F.G.)

- Unified functionnal covering all densities and temperatures for better uncertainty control

- Optimal distribution on cluster obtained from Multi-Component Plasma

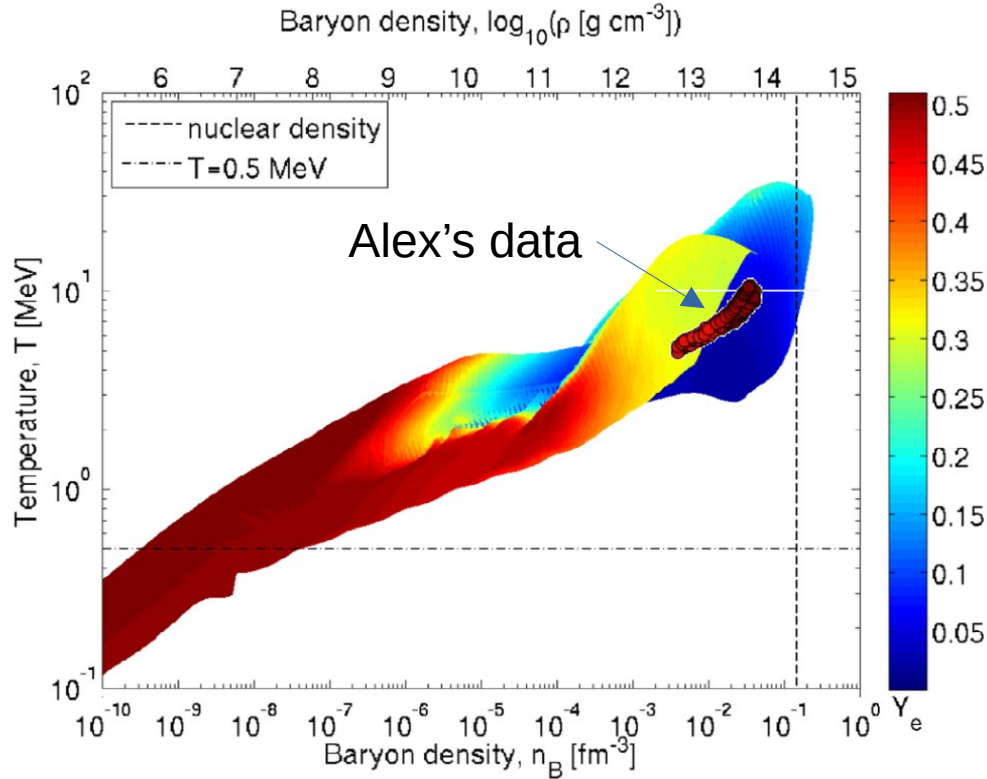# Clustering in compact stars (F.G.)

Alex's data

- Unified functionnal covering all densities and temperatures for better uncertainty control

- Optimal distribution on cluster obtained from Multi-Component Plasma
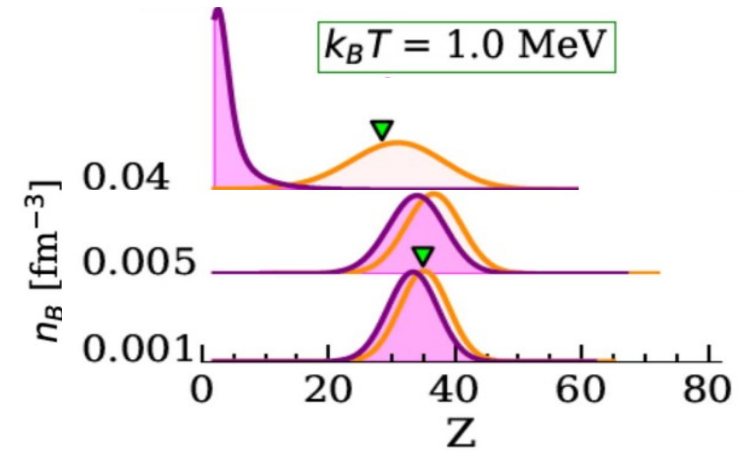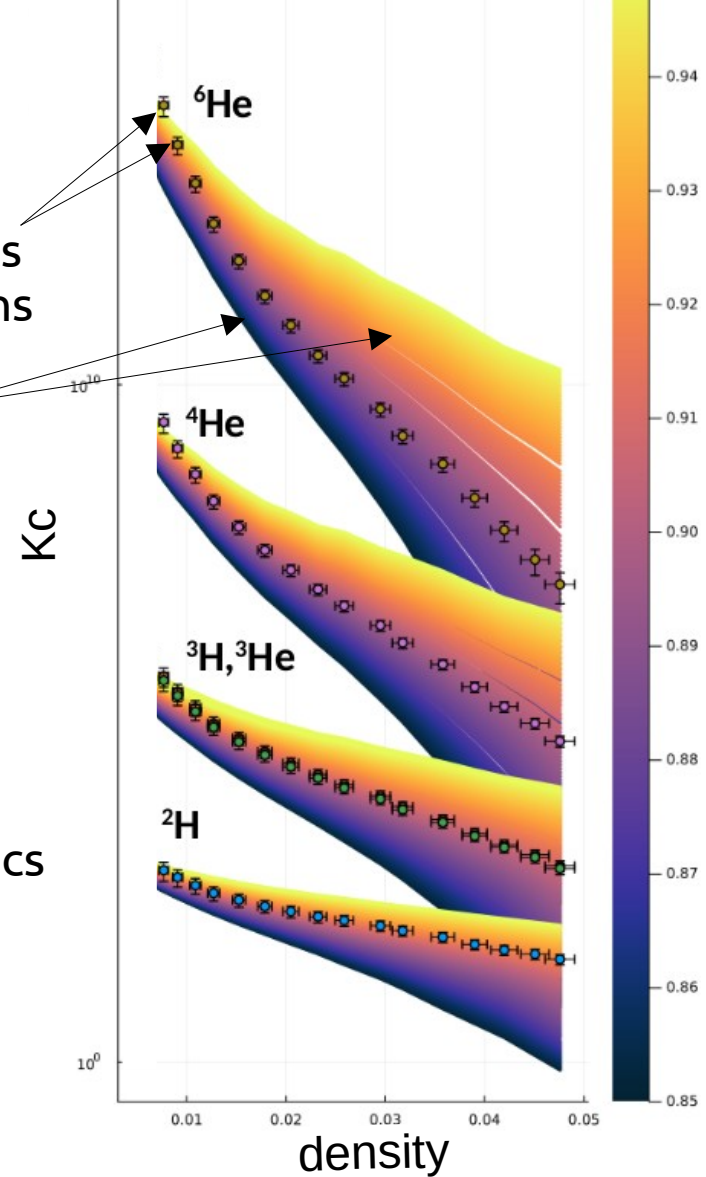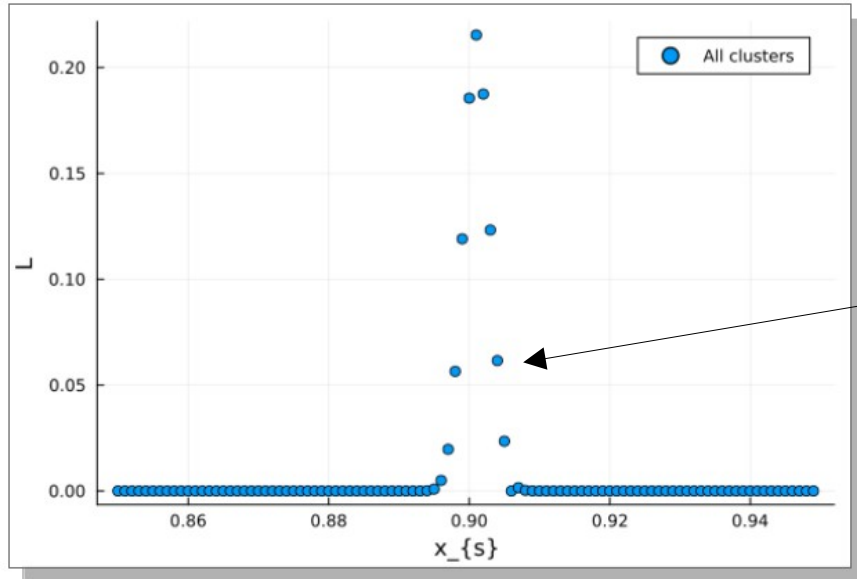

$k_B T = 1.0$ MeV

- But clusters are not isolated : their properties are modified by the surrounding medium !

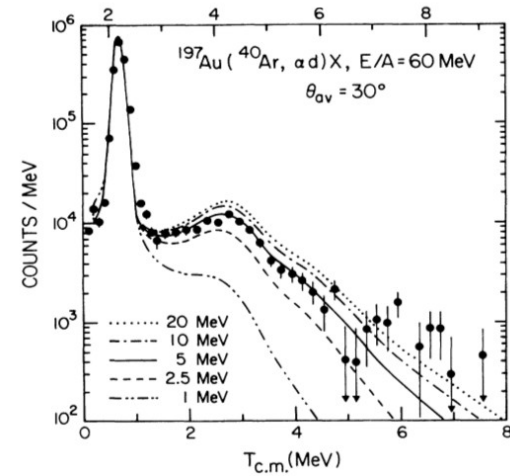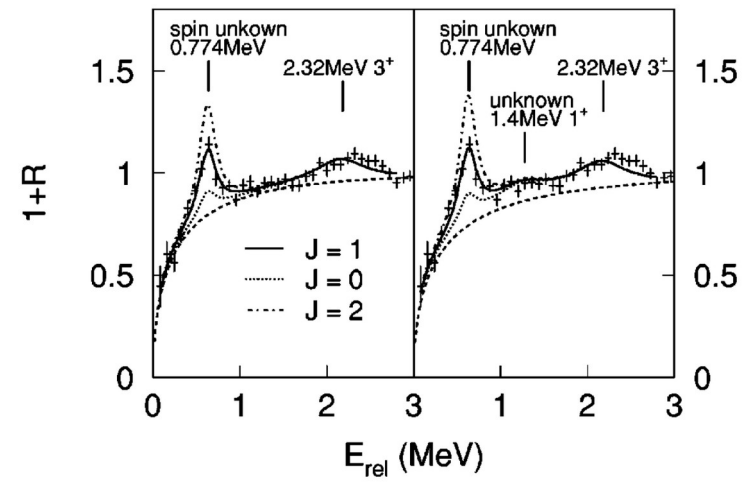# In-medium effective mass influences cluster production (A.R.-S.)

experimental points from H-I collisions

RMF calculation with different cluster-medium coupling

input for astrophysics calculations

Particle-particle correlations : structure and temperature (I.L.)

Particle-particle correlations : structure and temperature (I.L.)