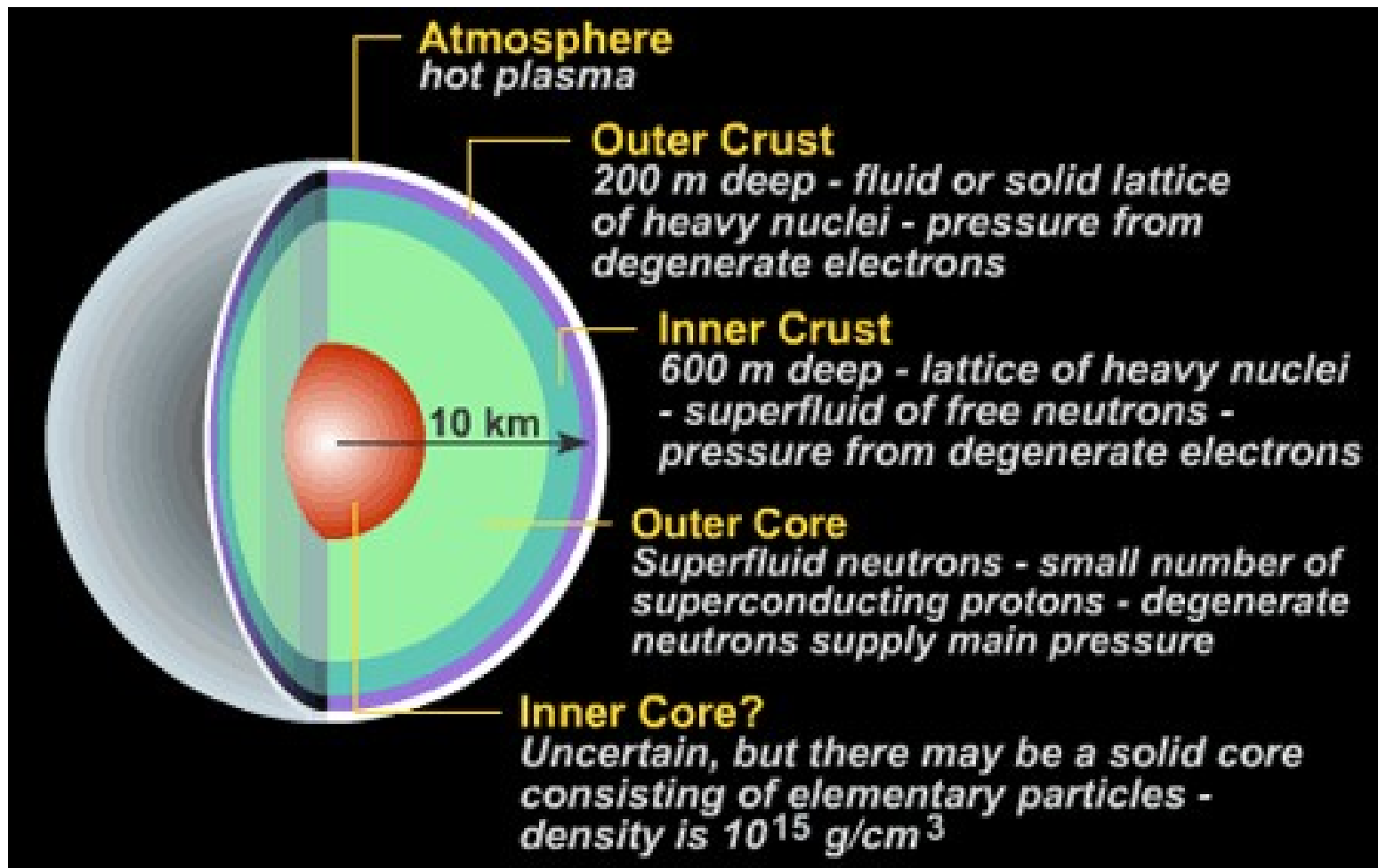
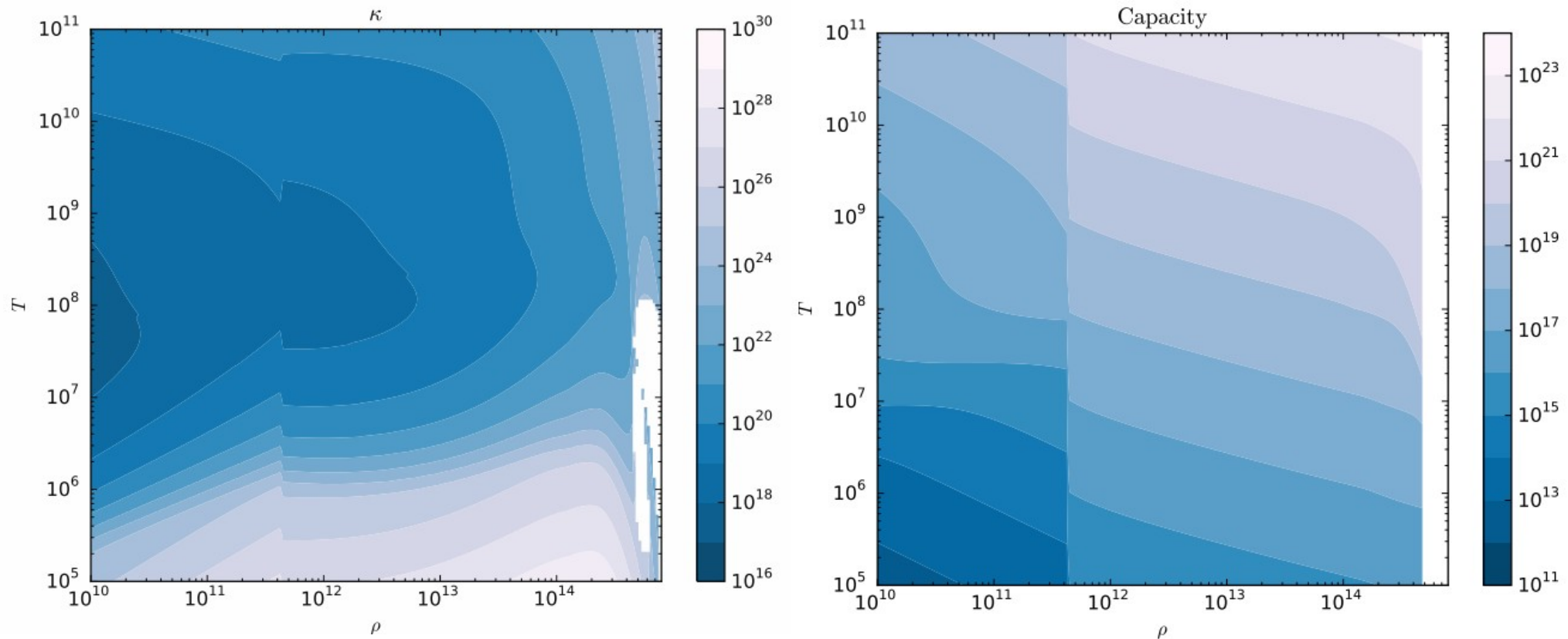


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Current results

- We use our own solvers (1D and 2D) in C, MatLab, Python.
- Do not have time to invest to write own 3D scalable solver.
- Trying utilize deal.ii for our problem. Currently we run simple tests to see how does it perform.
- For now we are focused on heat transfer. Future problems include oscillations and “earth”-quakes.



- Multiple layers with different physics
- All physical parameters vary by many orders of magnitude