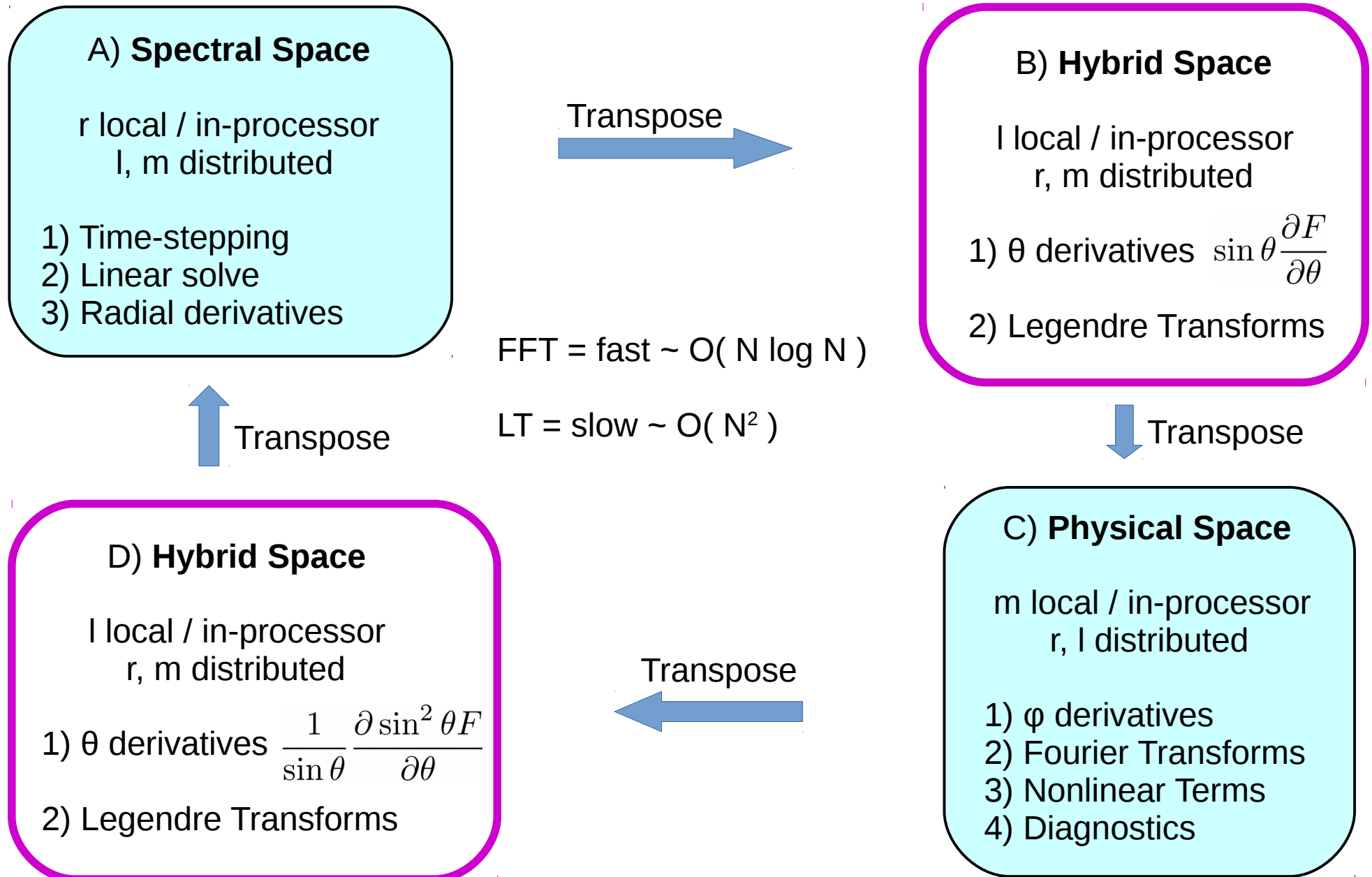


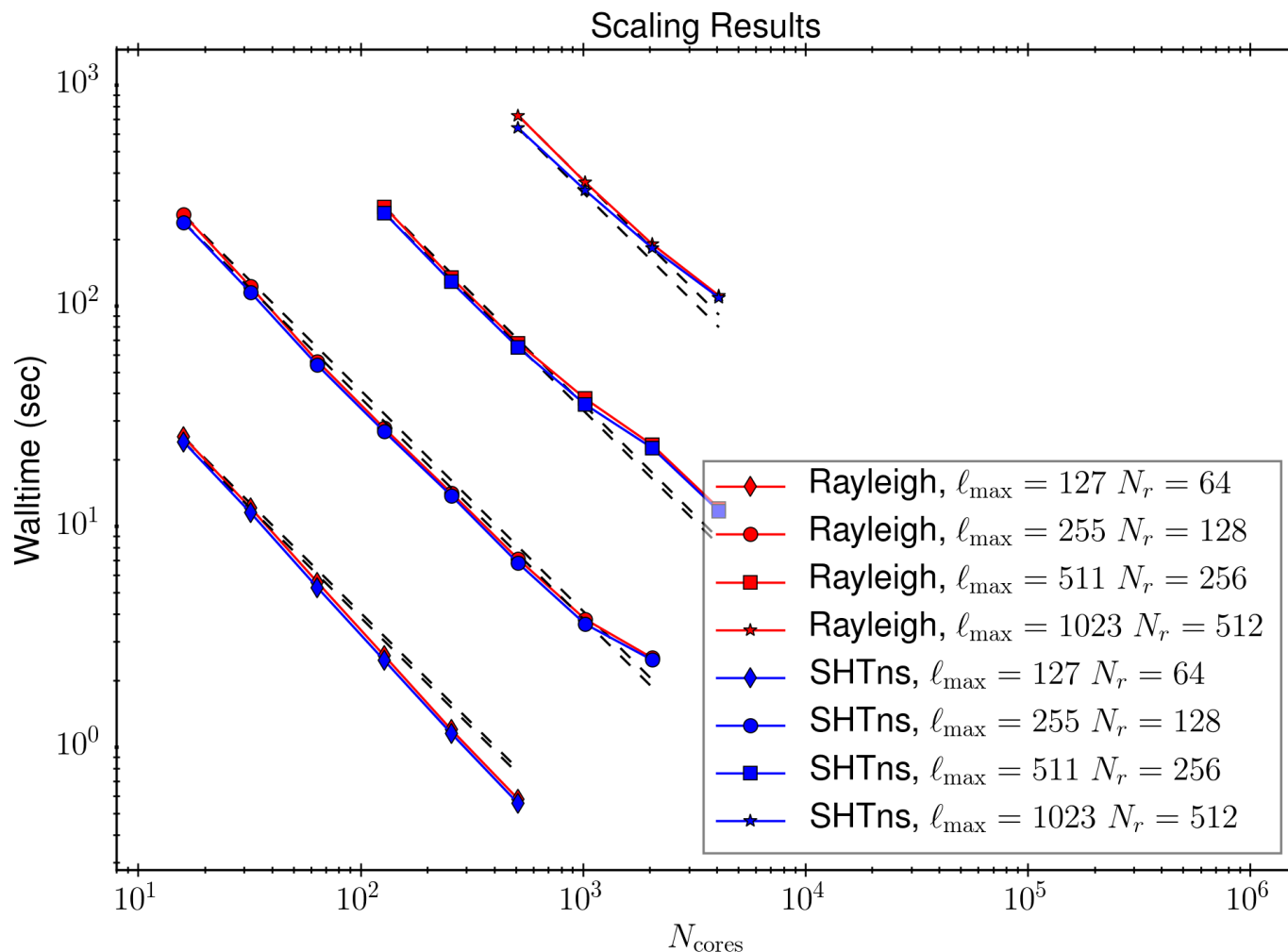
# Single Timestep in Rayleigh



# Spherical Harmonic Transform Library: SHTns

- Written in C/C++, fast compared to other SHT libraries
- Exploit symmetries and optimizes near poles
- Choice of recursion algorithm
- On-the-fly option to compute polynomials
- Included support for SHTns into Rayleigh

# Performance of Rayleigh + SHTns



- SHTns includes support for OpenMP
- Next step: update OMP in Rayleigh