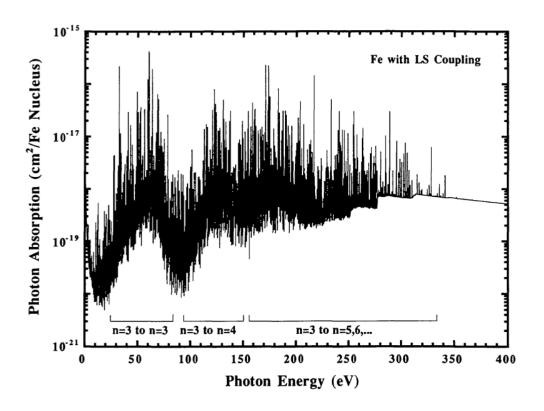
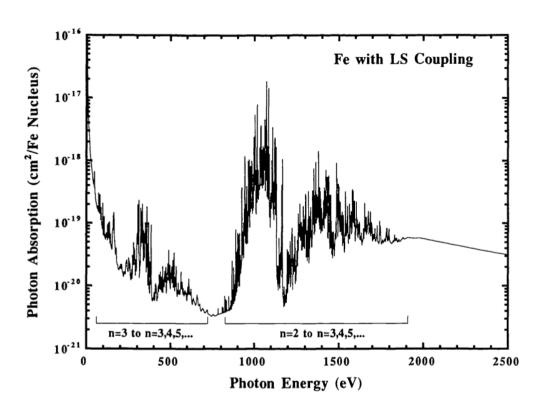


some simple examples of atomic κ_{ν} OPAL: Rogers & Iglesias (1992): log T=5.4, log ρ =-5.3

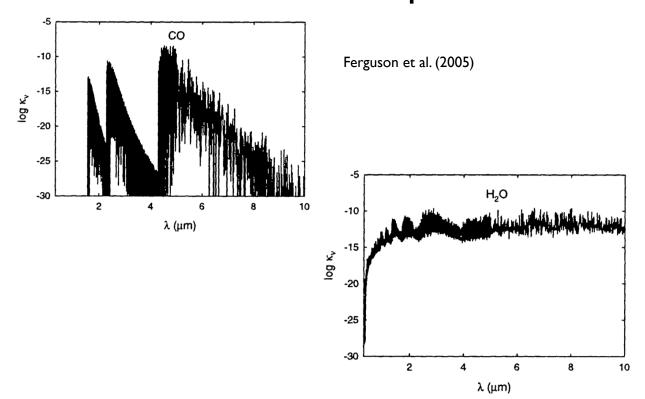


some simple examples of atomic κ_{ν} OPAL: Rogers & Iglesias (1992): log T=6.5, log ρ =-1.5

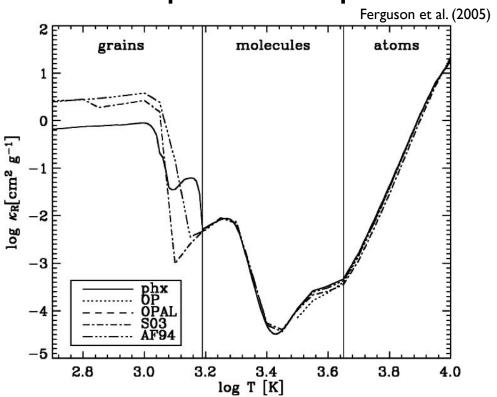


3

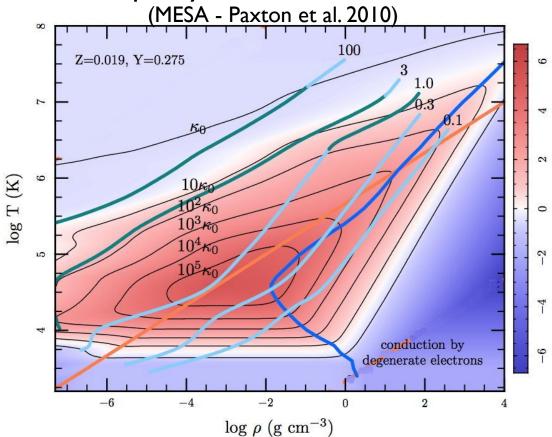
molecular absorption



low-temperature opacities

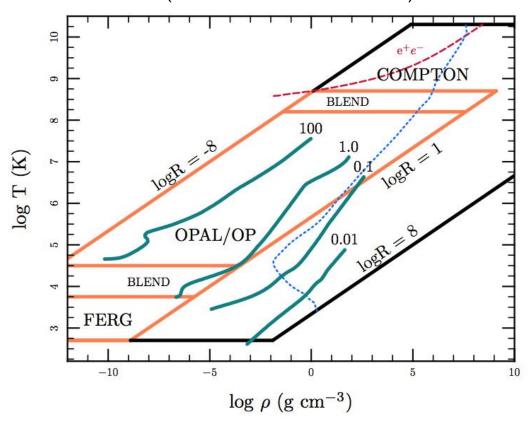


opacity sources in models

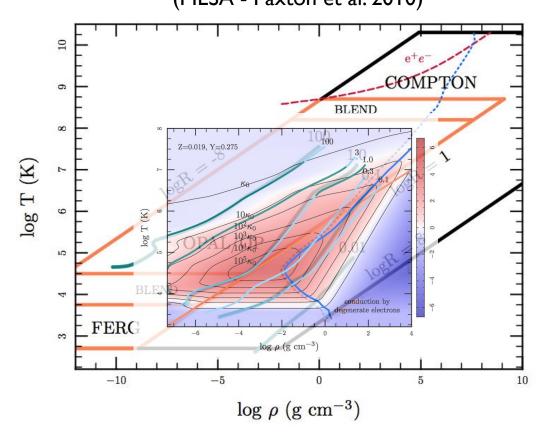


opacity sources in models

(MESA - Paxton et al. 2010)



opacity sources in models (MESA - Paxton et al. 2010)



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