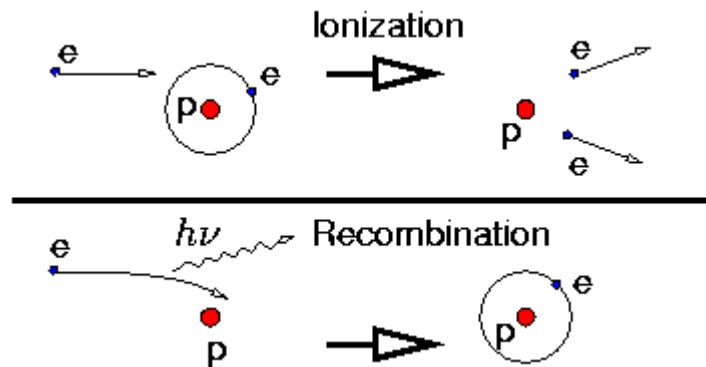


Black Body Radiation of Stars as Rate of Plasma Recombination

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Abstract: It is hypothesized that black body radiation of stars is a result of the rate of plasma recombination.

In stellar metamorphosis young stars are plasma, not gas. It is hypothesized that since a very large portion of the heat of stars is produced by plasma recombining into gas, that it is also the source of black body radiation.



The radiation of stars is the $h\nu$ (light). The higher the rate which plasma recombination occurs, the more the light, the brighter the black body spectrum.