

Abstract Submitted
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The Spectral Diagnosis and its radiative transportation BIN DUAN, ZE-QING WU, JUN YAN, YUE-MING LI, JIAN-GUO WANG, Institute of Applied Physics and Computation Mathematics, Beijing 100088, China, INSTITUTE OF APPLIED PHYSICS AND COMPUTATION MATHEMATICS TEAM — With the evaluated data of atomic process, We found that the ratio of both spectral lines and line to satellite line rapidly change with electronic temperature, and the profile rapidly with electronic density. With the help of the radiative transportation of one-dimensional equation, we analyzed some implosion experiments, done by Chinese Academe of Engineering physics, and obtained their temperature and density.

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