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Commentary

Construction of Bio-Devices Based on Nanoscopic Plasma Processes

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2-dimensional x-ray spectra emitted from Ne-like W ions as a function of interacting electron energy. Resonant x-ray emission by dielectronic recombination is shown as LMM, LMN and so on. RR is radiative recombination. X-rays observed as vertical stripes are by electron impact excitation. This result shows the importance of dielectronic recombination as a radiative process emitting strong x-rays in plasmas. (Hirofumi WATANABE *et al.*, Plasma and Fusion Research Vol.2, 027 (2007). <http://www.jspf.or.jp/PFR/>)