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Mass Spectrometry and Plasma Physics

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Explore the Frontier of High Energy Density Plasma Science with Picosecond Relativistic Laser

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Two-dimensional power spectra of normalized brightness of scanning electron microscope (SEM) images of helium plasma irradiated tungsten samples with different ion fluences. Depending on the size of the dominant structure (e.g., pinhole and fuzz), the frequency of the spectral shoulder is different. The concentric pattern implies the non-directionality of the dominant structure. Spectral peaks due to the periodic stripe structure can also be seen (Fig. (a)). (Hiroyuki TANAKA *et al.*, Plasma and Fusion Research, Vol. 14, 3402049 (2019) <http://www.jspf.or.jp/>)

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