

JOURNAL OF PLASMA AND FUSION RESEARCH

The Journal of the Japan Society of Plasma Science and Nuclear Fusion Research

Vol. 91, No.10, October 2015

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Raw streaked images with self-emission measurements from inside the cone of cone-in-shell targets for fast ignition research. (a) short cone target with normal beam irradiation, (b) long cone target with normal beam irradiation, and (c) short cone target with doughnut beam irradiation. Early emission is eliminated with long cone targets. (Shoji HATTORI *et al.*, Plasma and Fusion Research Vol. 10, 1404076 (2015) <http://www.jspf.or.jp/PFR/>)