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**Comparison of thermal instability theory with MARFE density limit experiment in TEXTOR** FREDERICK KELLY<sup>1</sup>, MICHAEL TOKAR, Institut fuer Plasmaphysik, Forschungszentrum Juelich GmbH, Association FZJ-Euratom, 52425 Juelich, Germany — The density limits of shots in TEXTOR [Tokamak Experiment for Technology Oriented Research] that ended in multifaceted asymmetric radiation from the edge (MARFE) are analyzed with respect to several thermal instability theories<sup>234</sup>.

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