

HIGHLY STRIPPED IONS (UP TO Mo XXXIII) AND FORBIDDEN  
Mo LINES IN THE SOFT X-RAY SPECTRUM FROM TFR  
TOKAMAK

By

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The spectrum of the TFR Tokamak has been observed in the range 5-100 Å. Identification of Mo XIV to Mo XXXIII lines originating from the limiter was achieved by comparison with the Mo spectrum emitted from a low-inductance vacuum spark, and with relativistic calculations. Some of the TFR lines were identified as forbidden transitions (electric quadrupole). The appearance of these lines depending on plasma parameters is discussed.