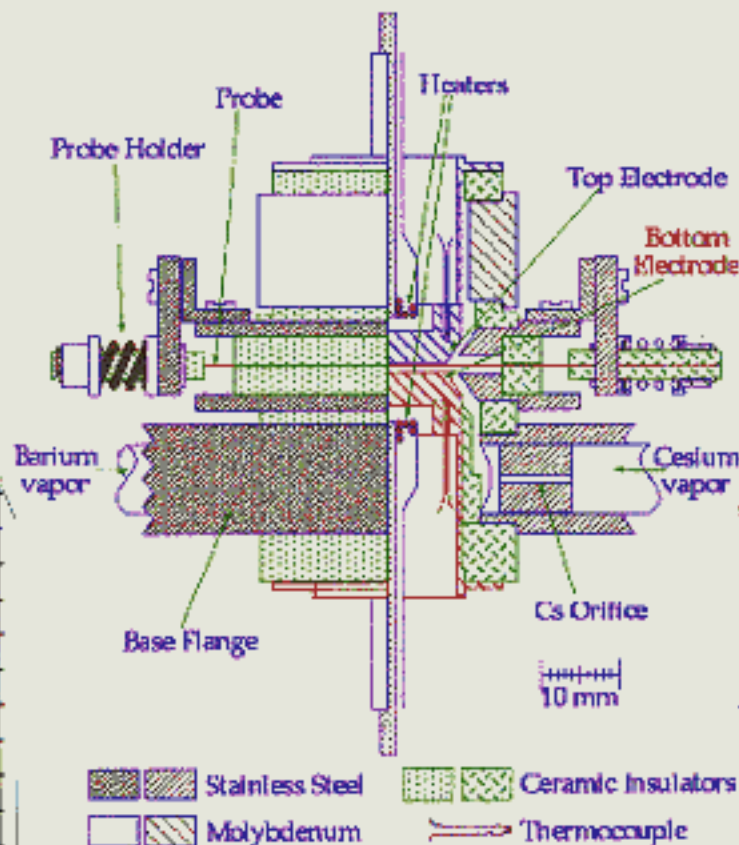
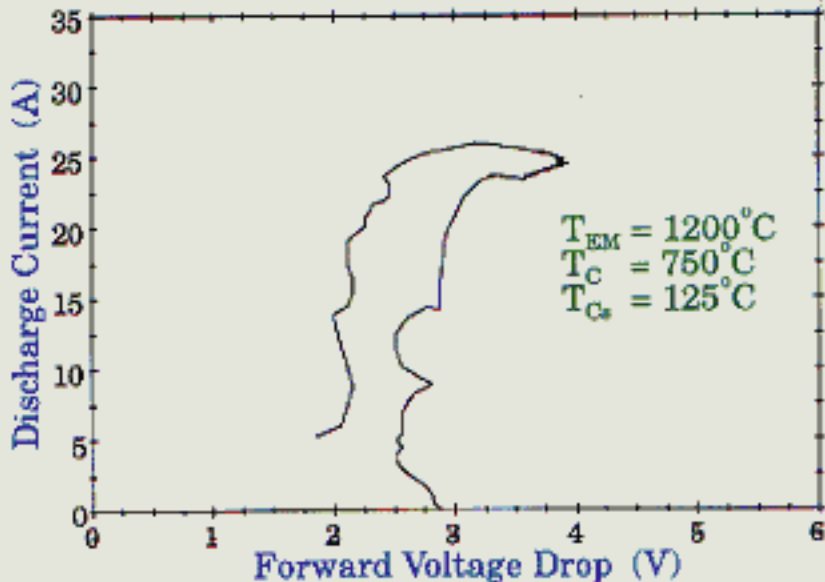


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# Cs-Ba Diode

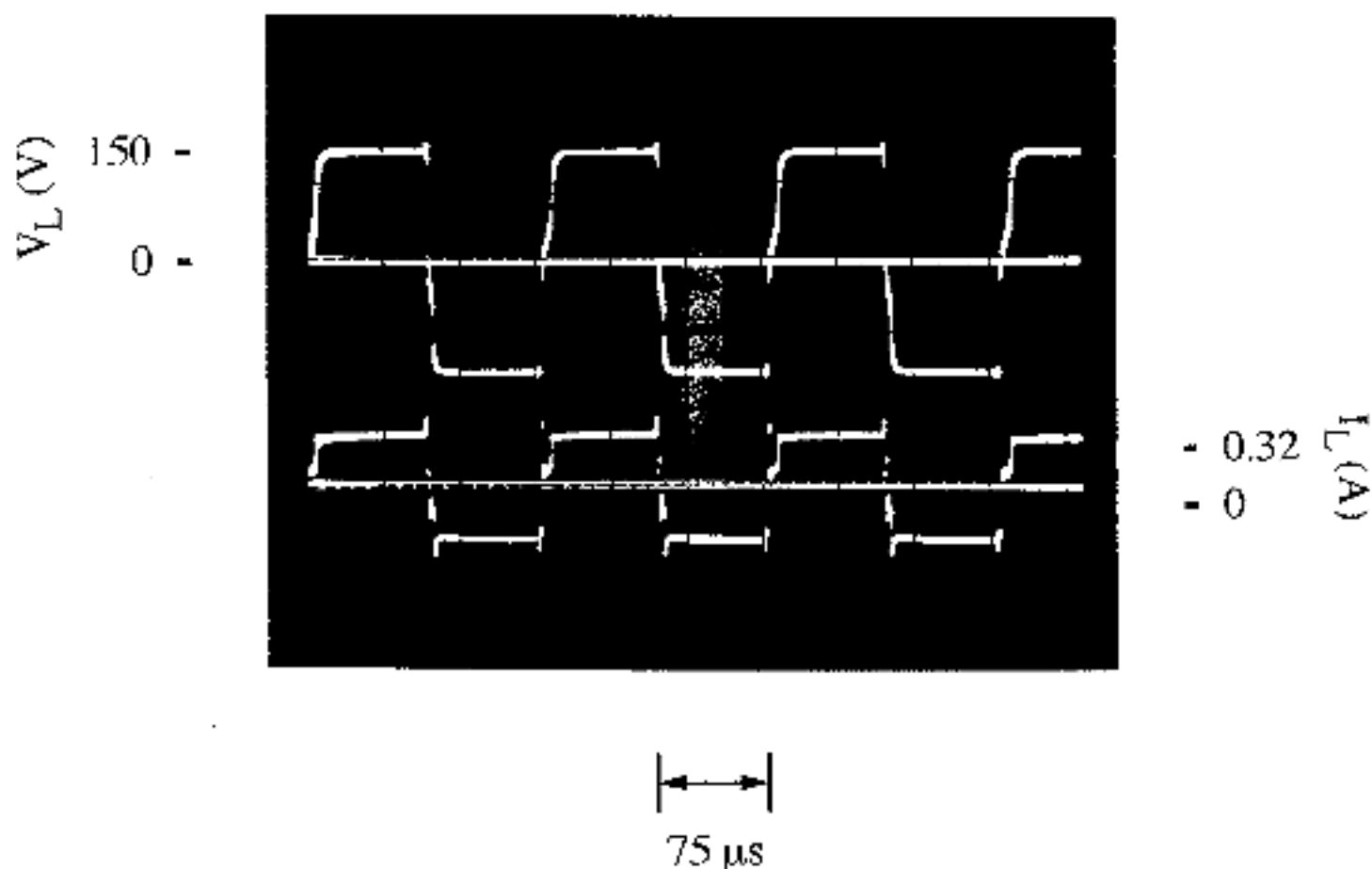
- Cs-Ba diode operates in the low-pressure Knudsen regime
- Experiments performed to verify the diode transient model.
- Model Assumptions:
  - Maxwellian EEDF
  - Spatial homogeneity
- Cs-Ba diode transient model explains the hysteresis of the  $I(V)$  characteristics

Typical  $I(V)$  Characteristic



# SIGNALS MEASURED AT THE LOAD WITH DIFFERENT GRIDS

## 0.8mm Diameter Grid Apertures



## 0.4mm Diameter Grid Apertures

