

Picosecond pulses on superconducting striplines

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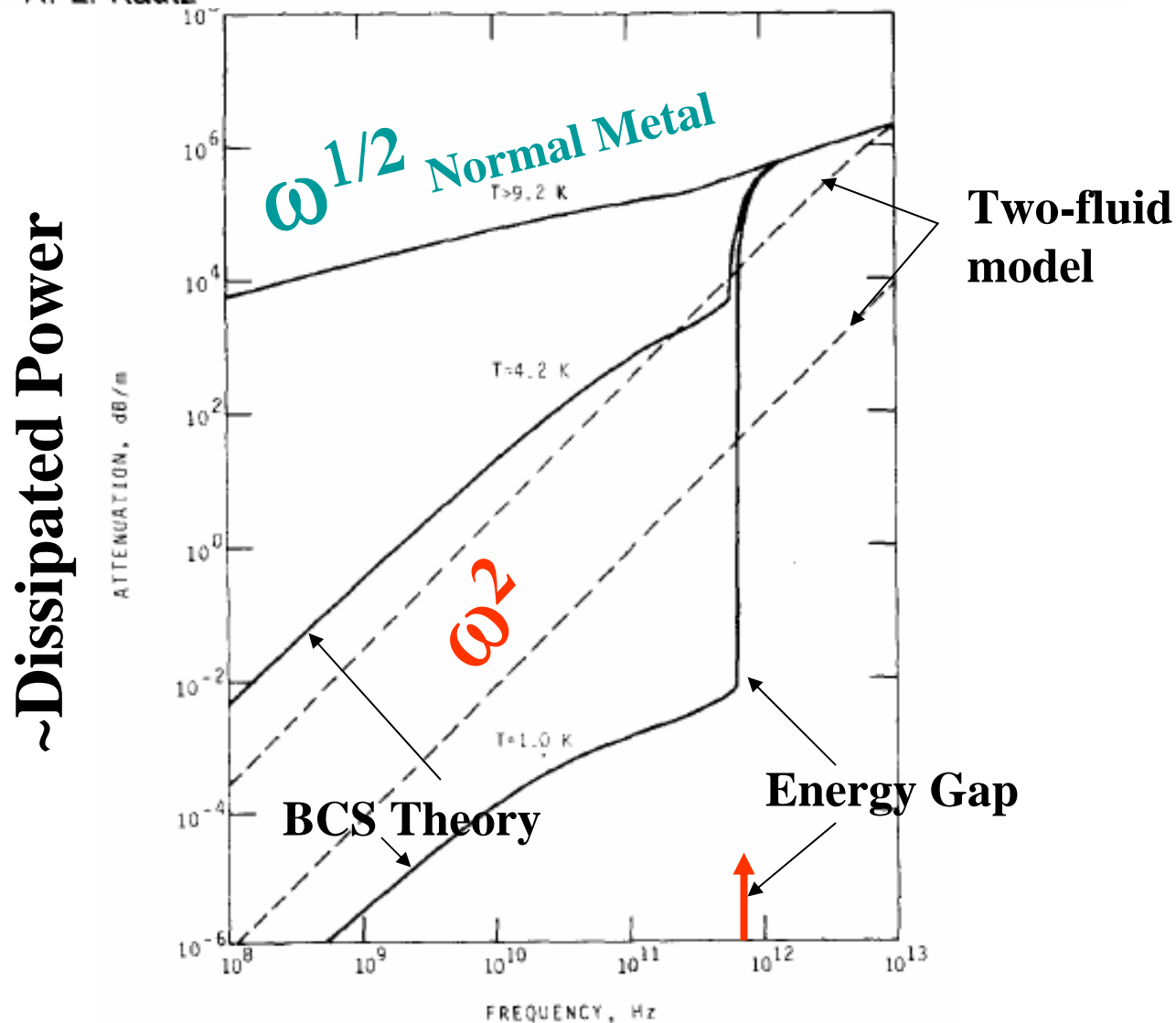


FIG. 2. Attenuation as a function of frequency for the example stripline. Solid lines are for the Mattis-Bardeen theory and dashed lines for the two-fluid model. For $T > 9.2$ K both conductors are normal and the two theories give the same result.