

# Heat through pipes

## Quick talk

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# The limiting curves

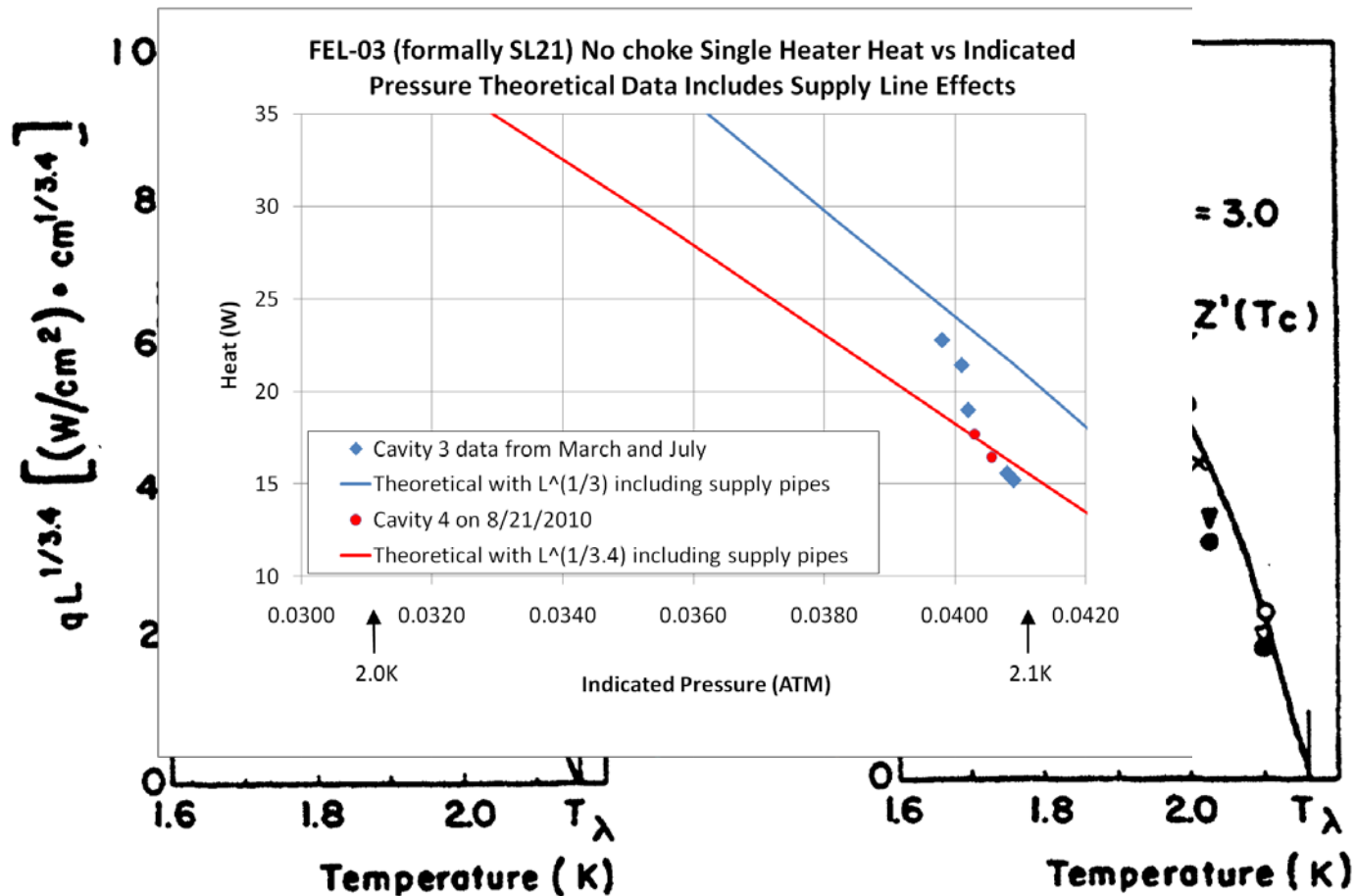
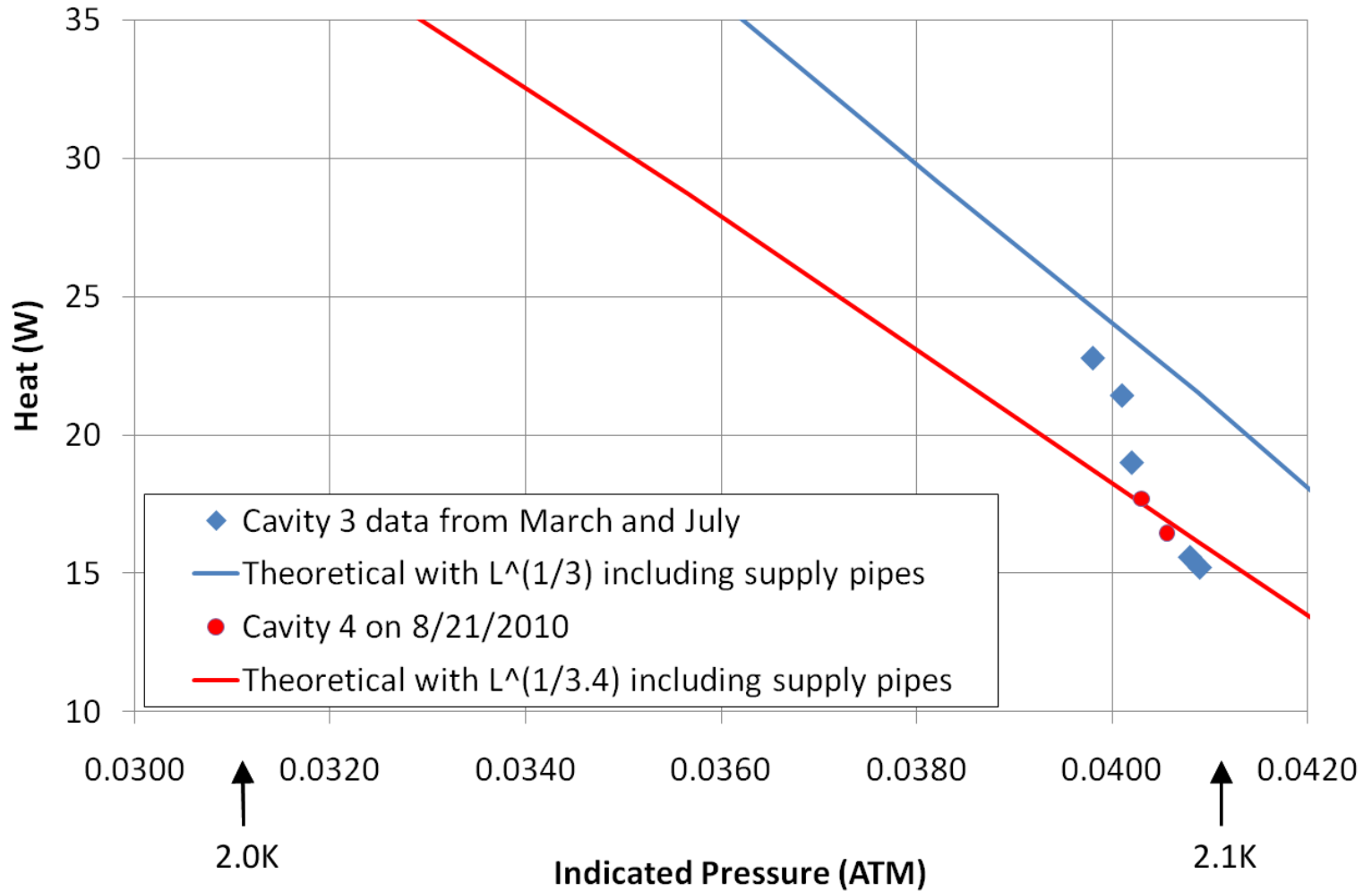


Figure 1. Generalized limiting heat flux (BEST CASE) in Helium II (from Van Sciver, p145) Helium Cryogenics, Steven W. Van Sciver, 1986, Plenum Press, New York, NY,

# FEL-03 (formally SL21) No choke Single Heater Heat vs Indicated Pressure Theoretical Data Includes Supply Line Effects



# Helium II Heat Flow Limitation Using $L^{(1/3.4)}$ Scaling As a Function of Pipe Diameter for Various Exit Temperatures

