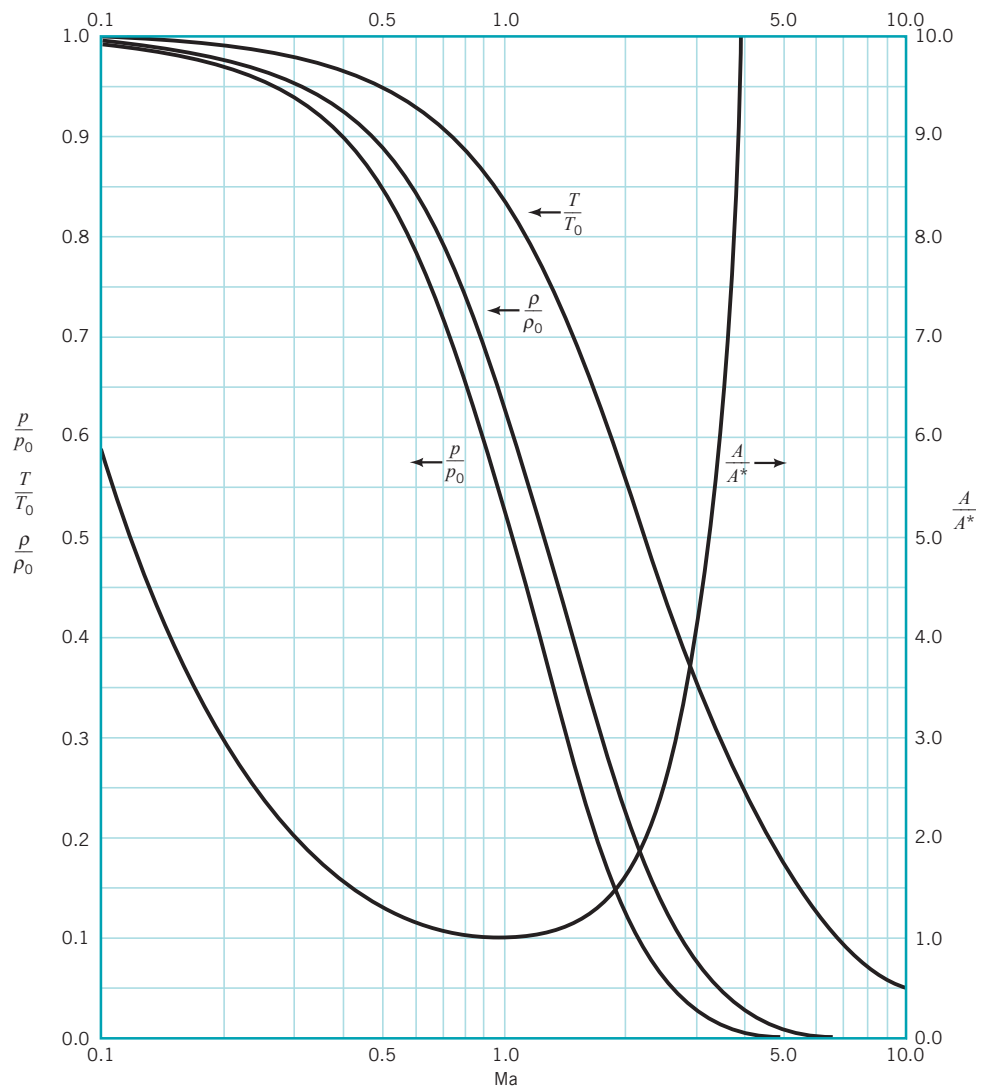
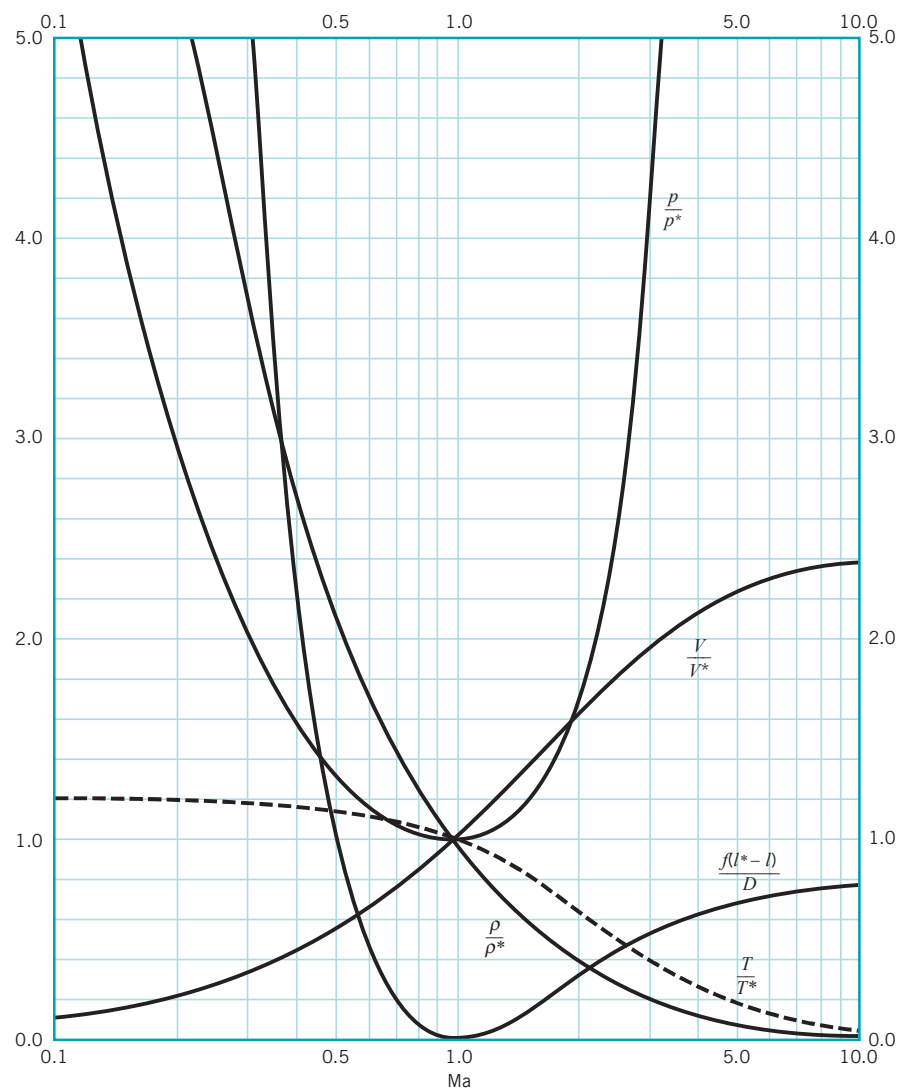


# Appendix D

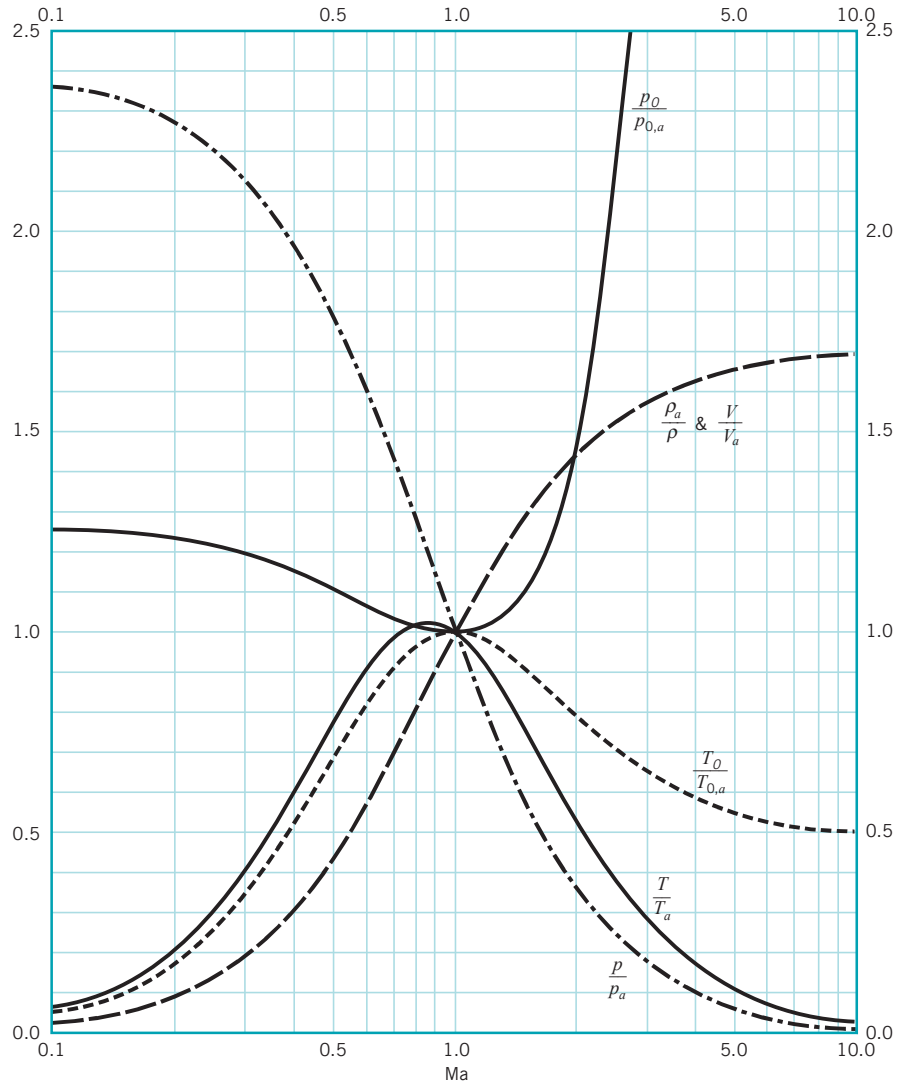
## Compressible Flow Graphs for an Ideal Gas ( $k = 1.4$ )



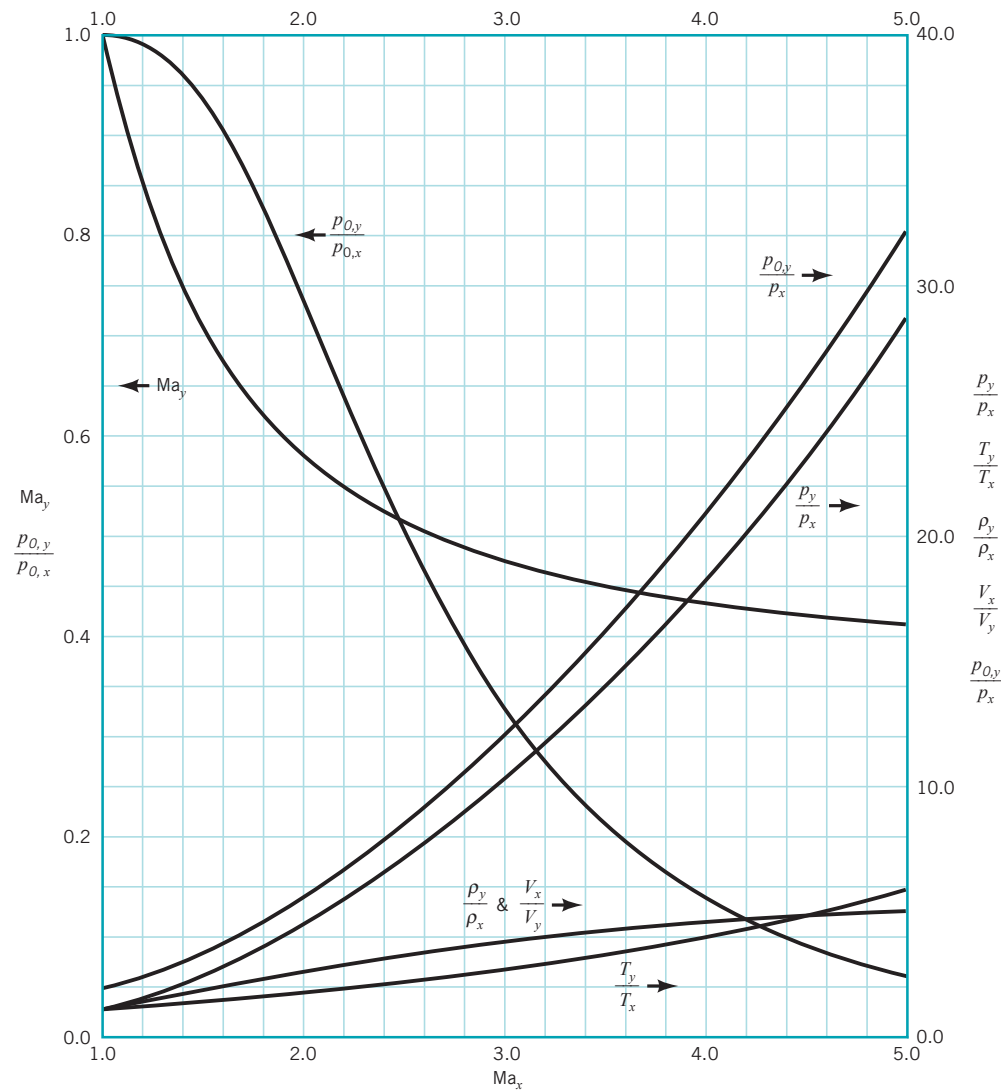
■ **FIGURE D.1** Isentropic flow of an ideal gas with  $k = 1.4$ . (Graph provided by Dr. Bruce A. Reichert.)



■ **FIGURE D.2** Fanno flow of an ideal gas with  $k = 1.4$ . (Graph provided by Dr. Bruce A. Reichert.)



■ **FIGURE D.3** Rayleigh flow of an ideal gas with  $k = 1.4$ . (Graph provided by Dr. Bruce A. Reichert.)



■ **FIGURE D.4** Normal shock flow of an ideal gas with  $k = 1.4$ . (Graph provided by Dr. Bruce A. Reichert.)