- (1) Determine the initial mass flow rate for the receriner vessel pressure : 14.7psia and 900 psia
- (2) What would the effect of friction in the pipe on the blow down rate.

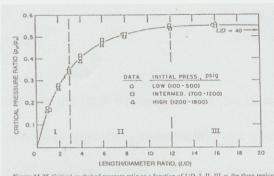


Figure 11-25 Critical or choked pressure ratio as a function of IJD,  $\Pi$ ,  $\Pi\Pi=$  the three regions ment in the text of the nonequilibrium models. (From Fauske [15].)

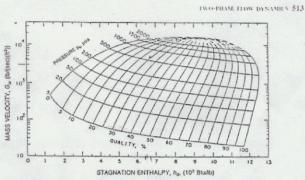


Figure 11-26 Choked flow mass velocity as a function of stagnation enthalpy and pressure for steam and water, with S given by the Fauske model.