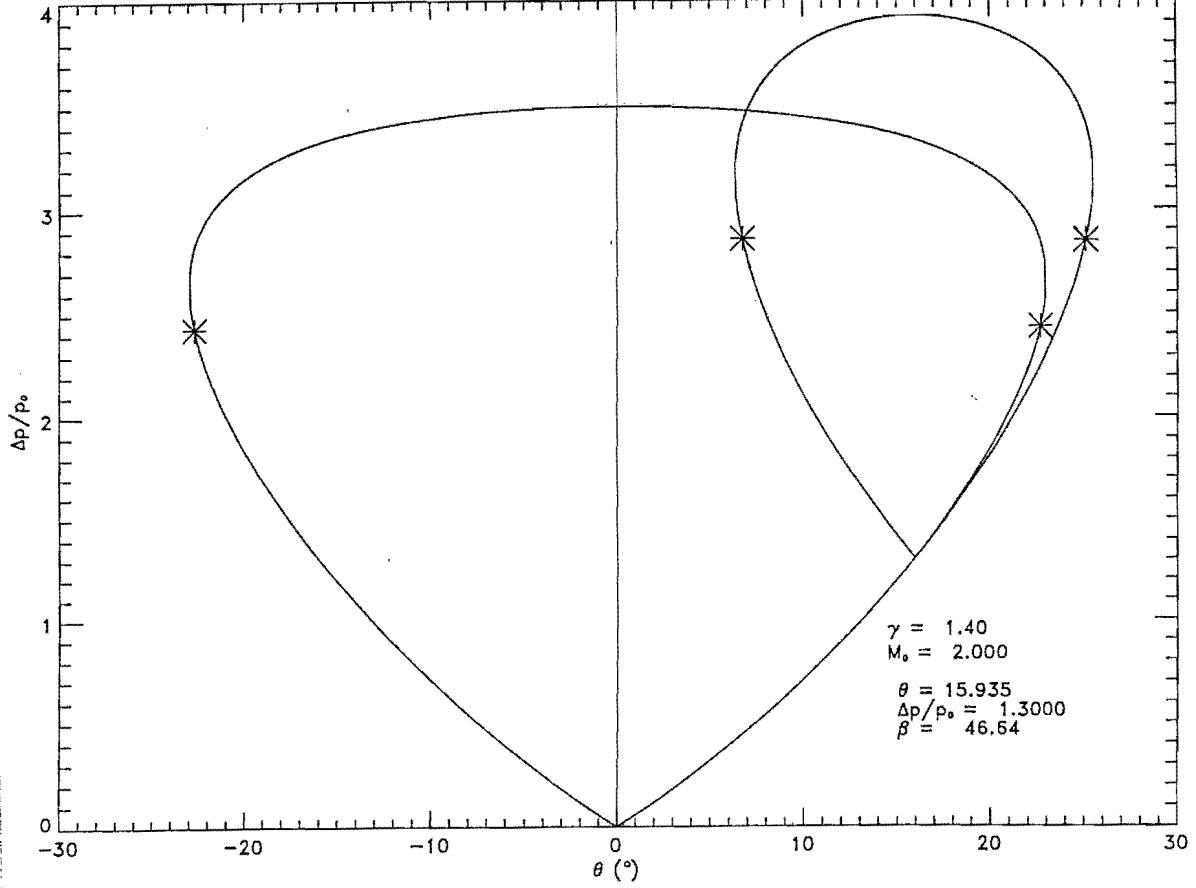
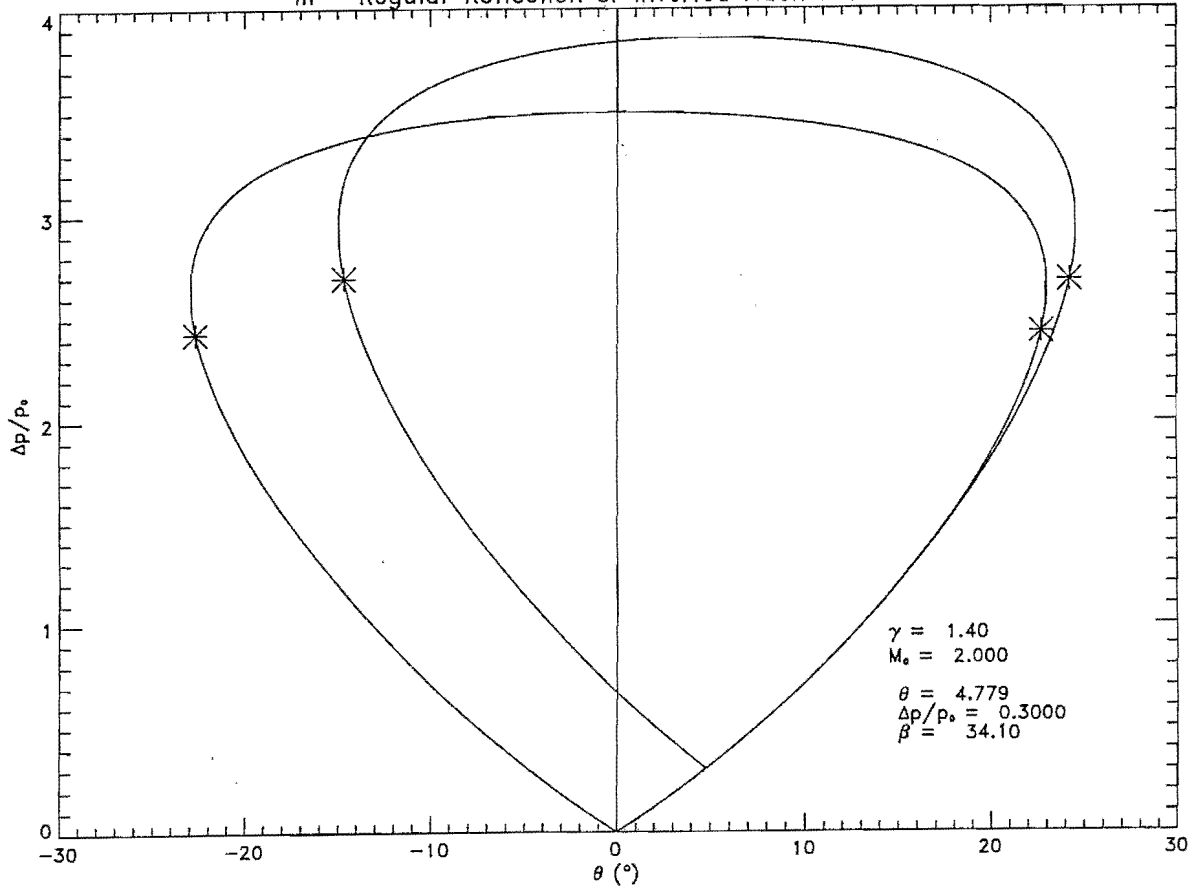


III - Direct Mach Reflection



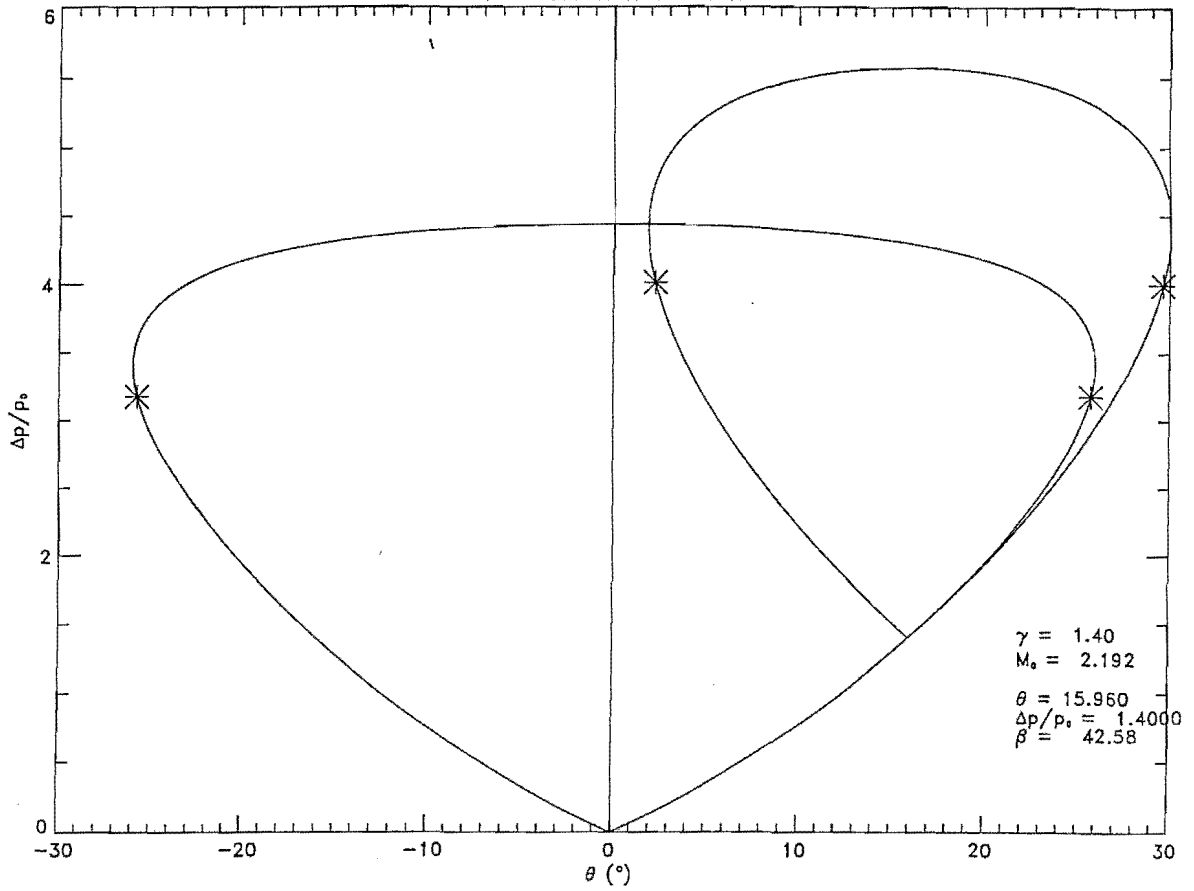
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III - Regular Reflection or Inverted Mach Reflection

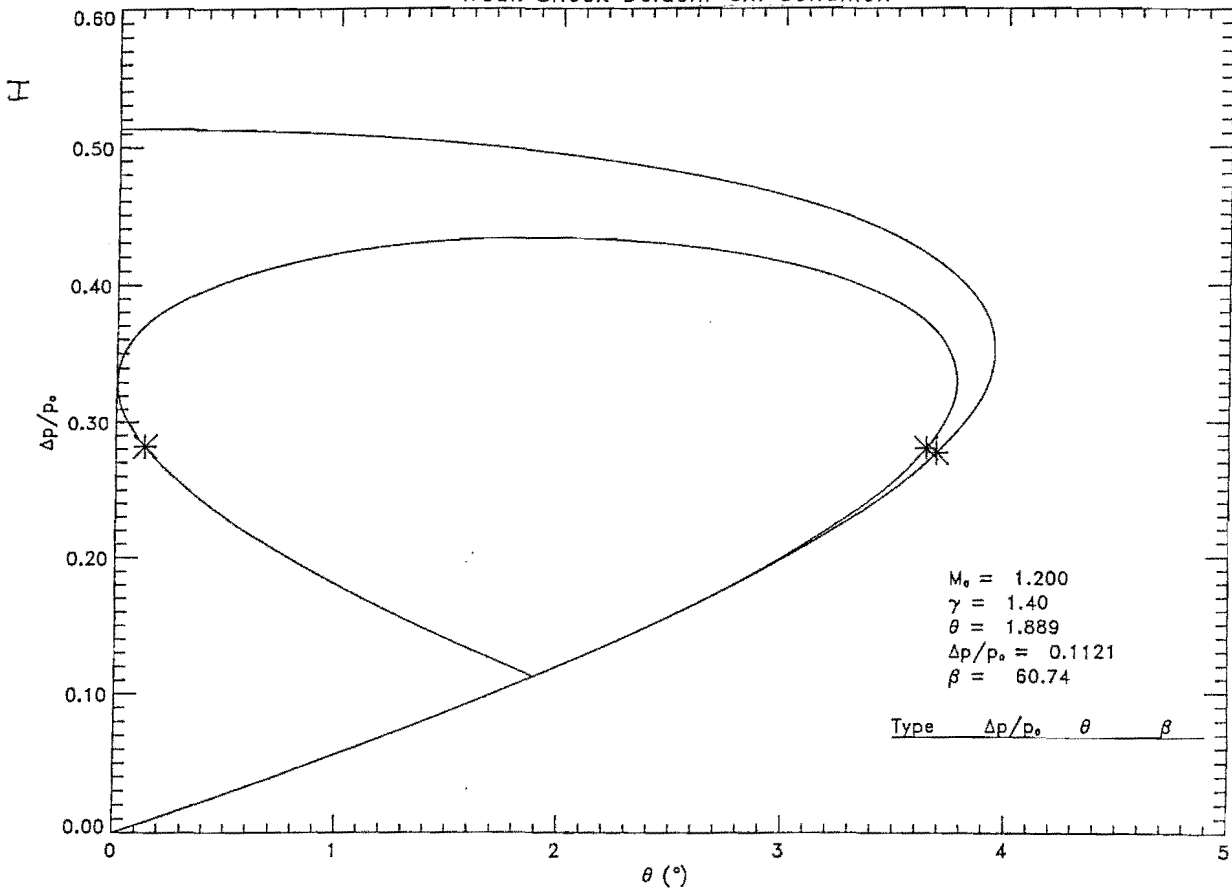


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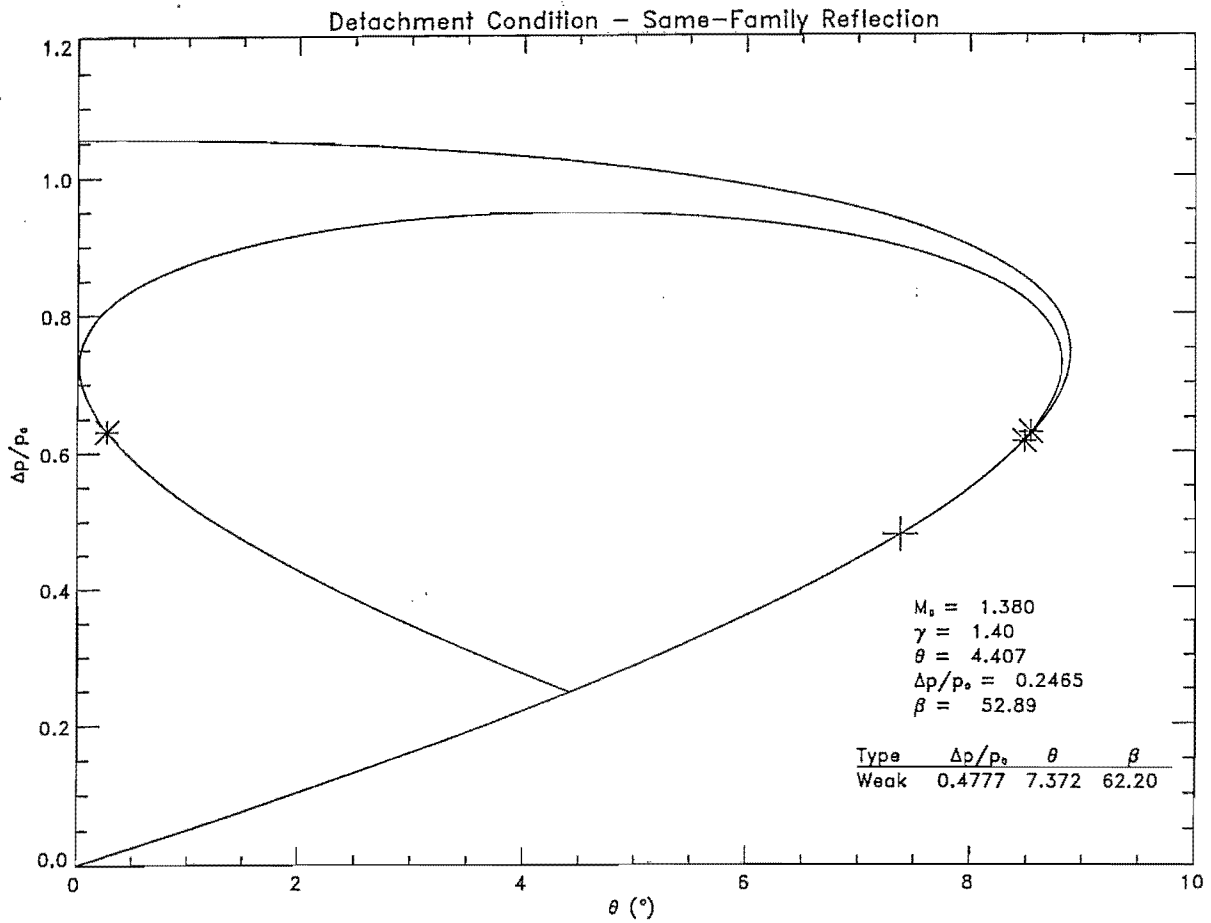
IV - Mach Reflection



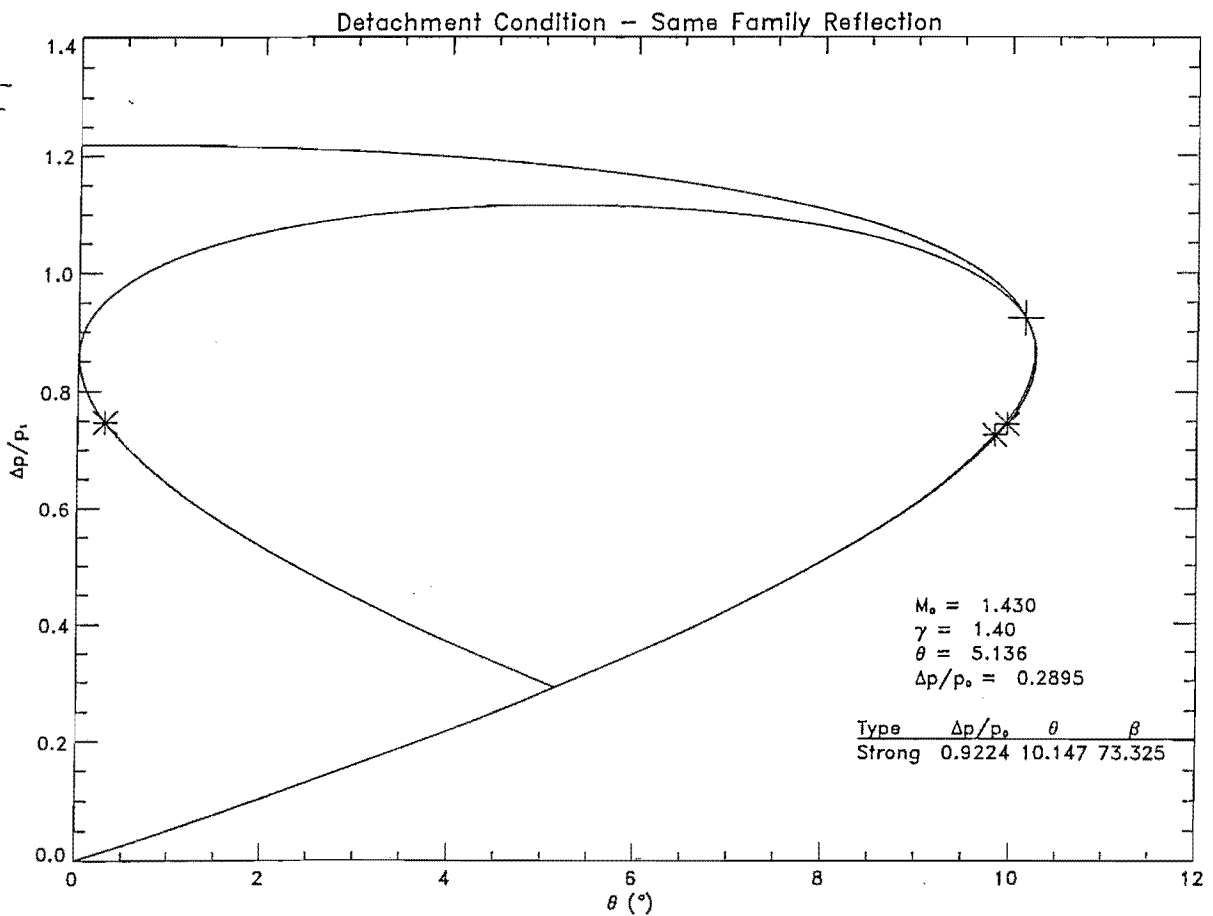
Weak Shock Detachment Condition



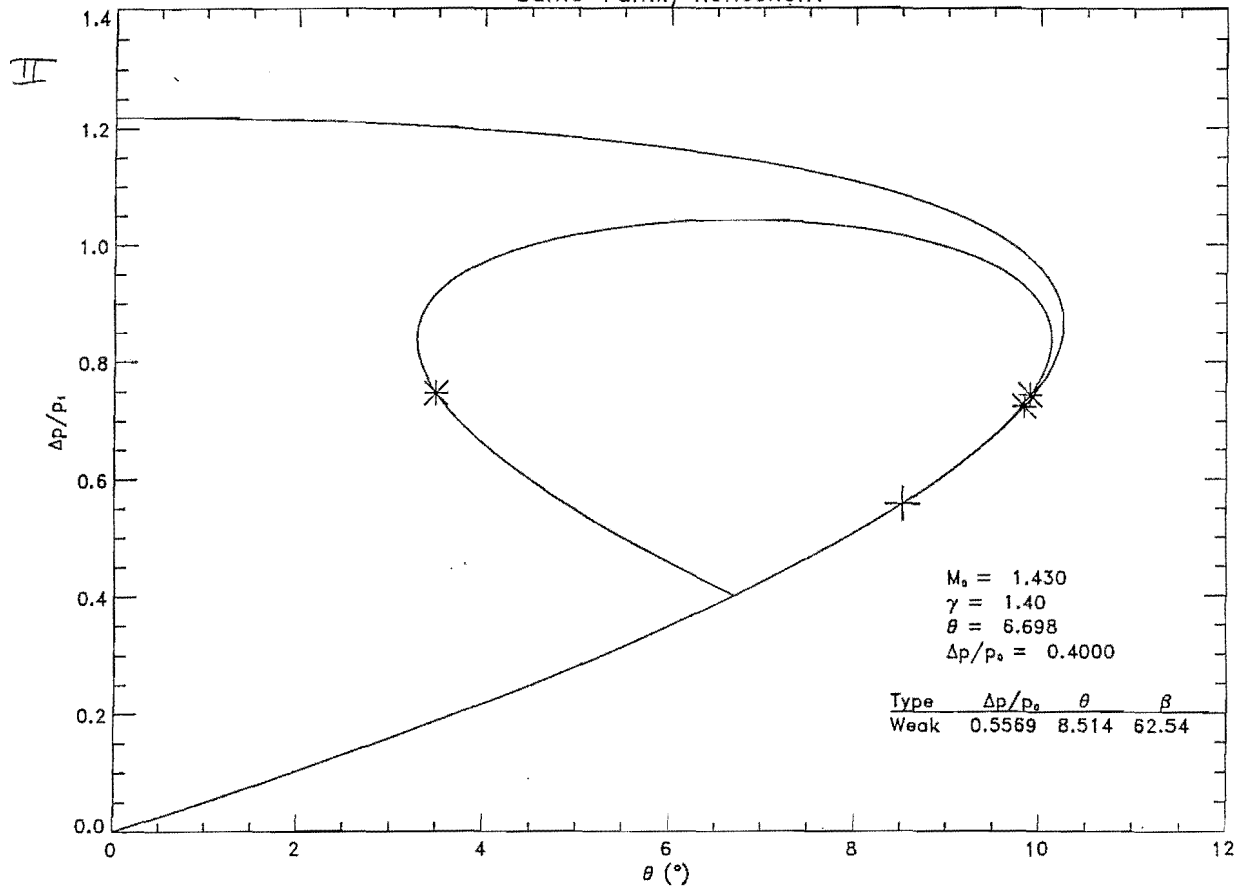
II



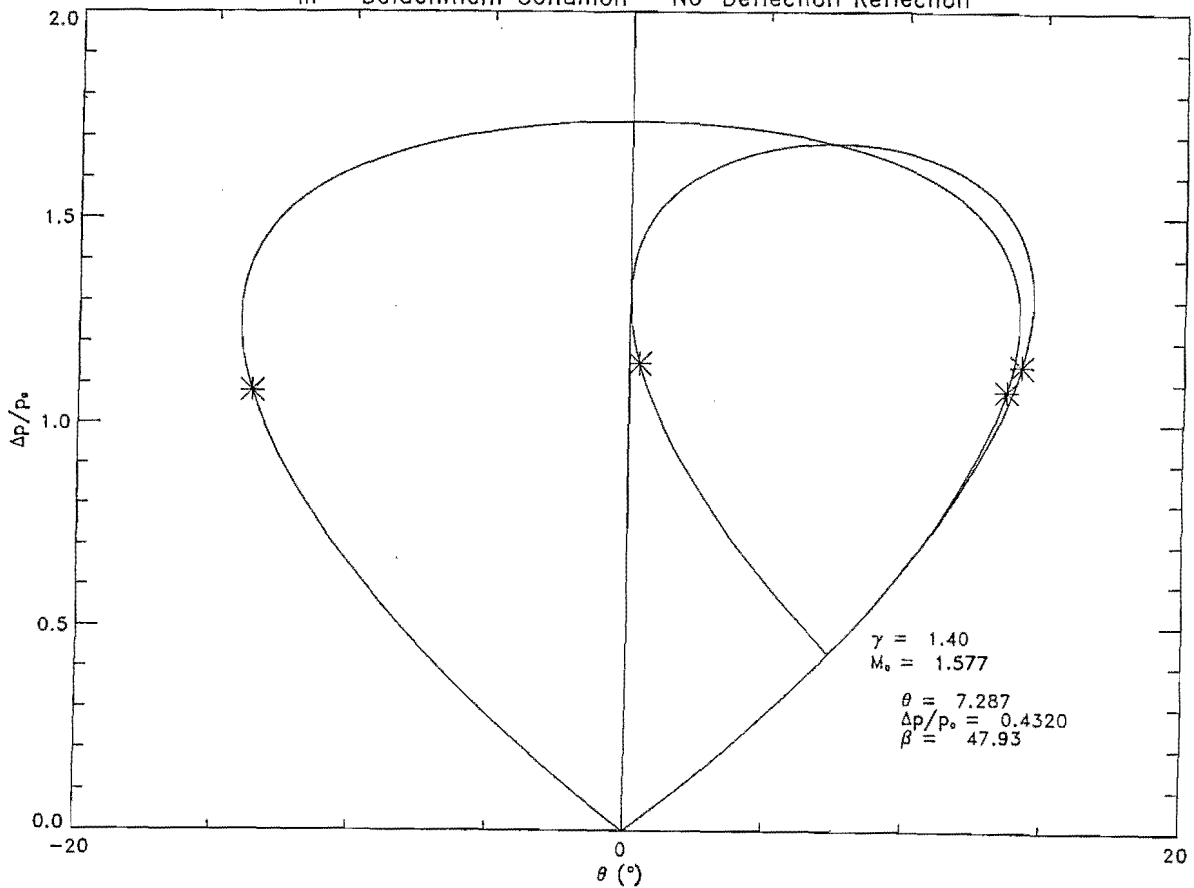
II



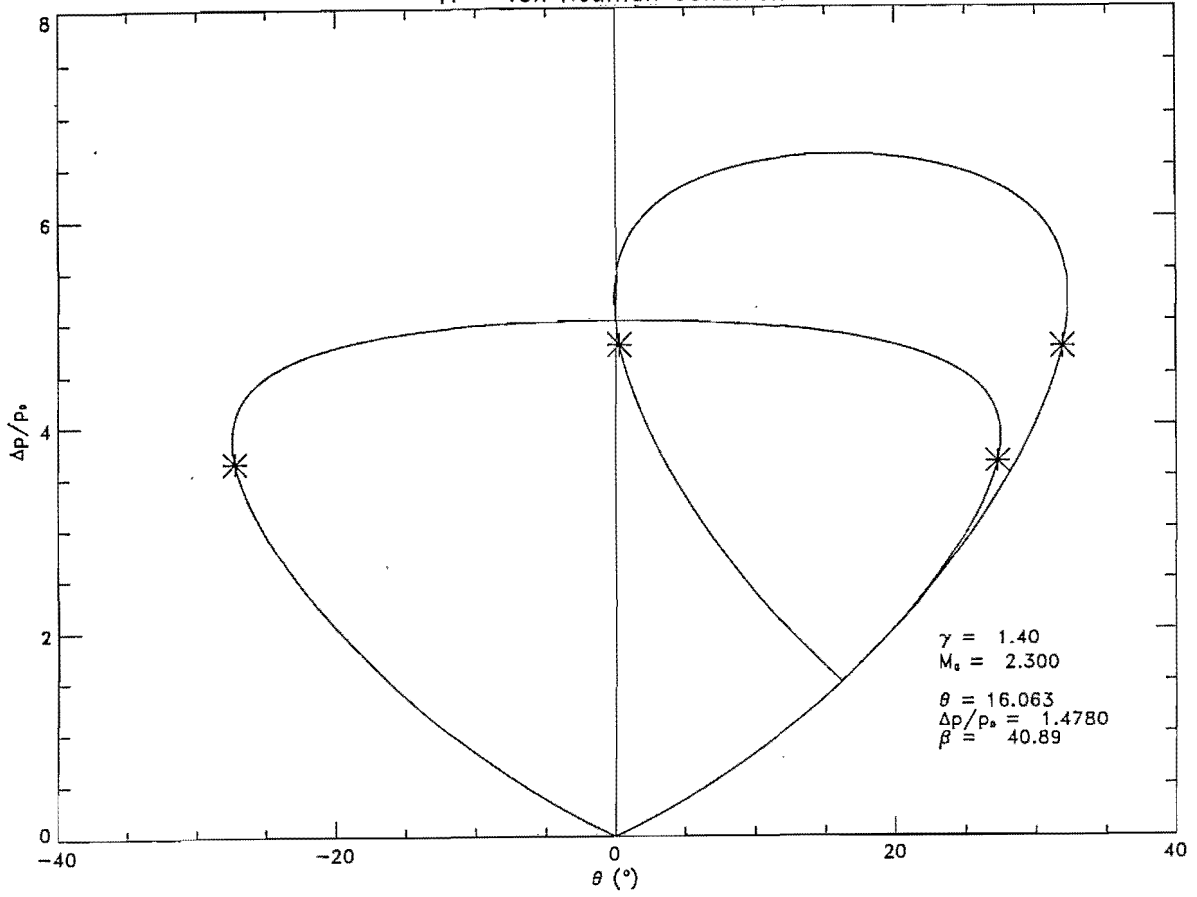
Same-Family Reflection?



III - Detachment Condition - No-Deflection Reflection

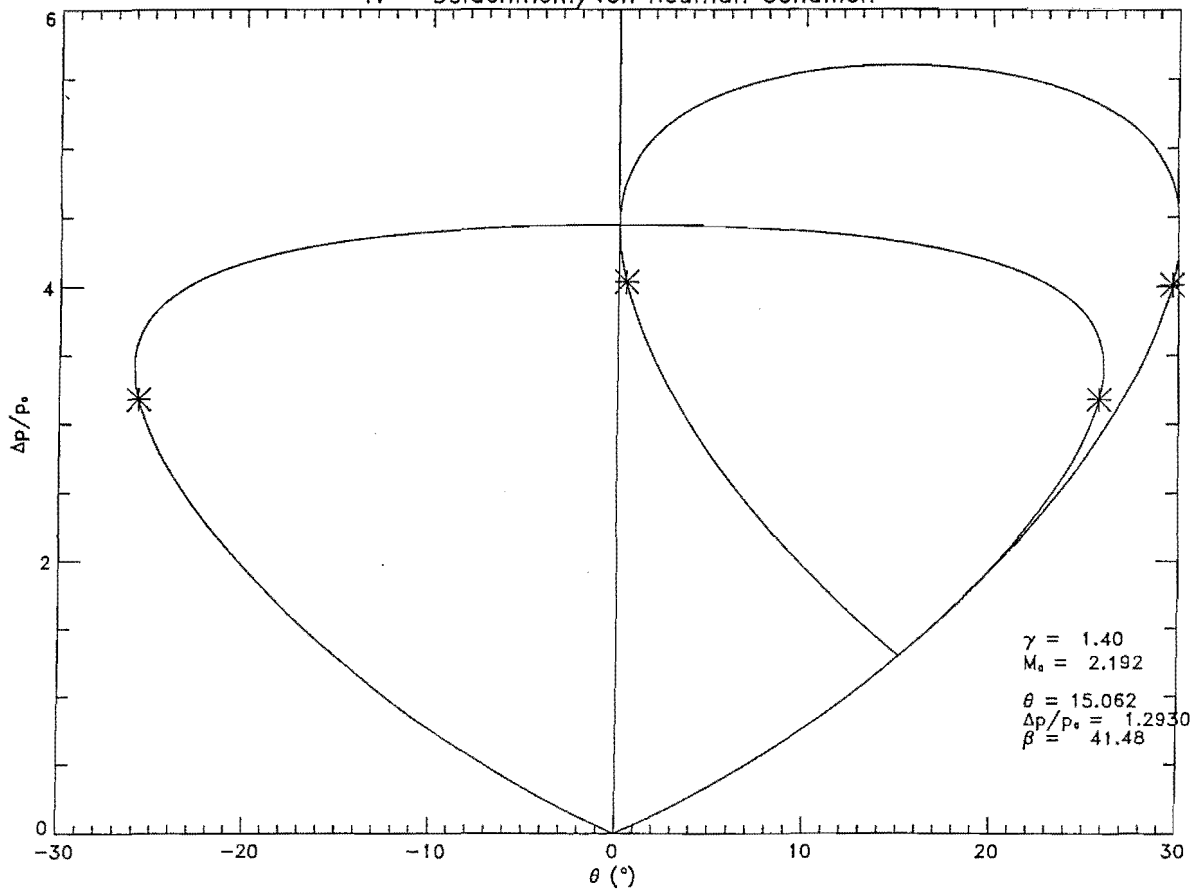


IV - von Neuman Condition



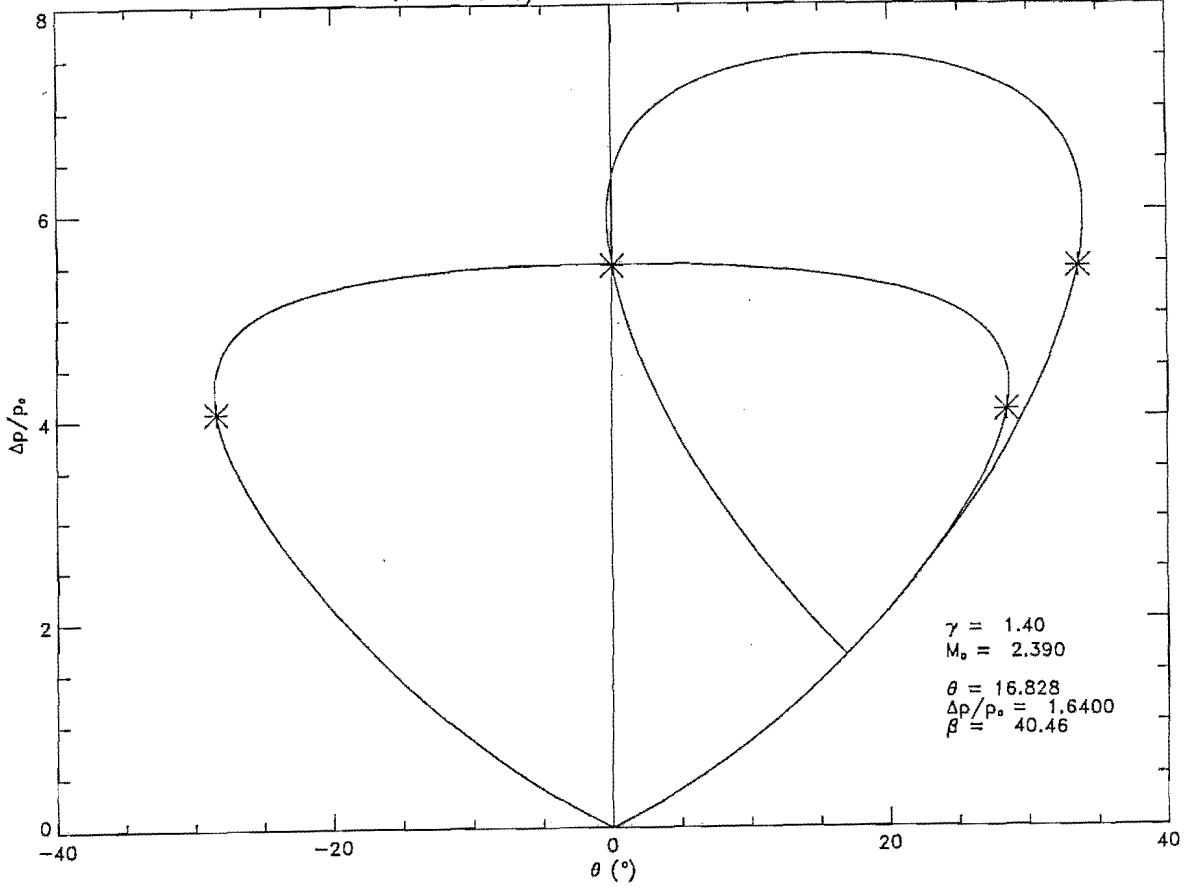
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IV - Detachment/von Neuman Condition



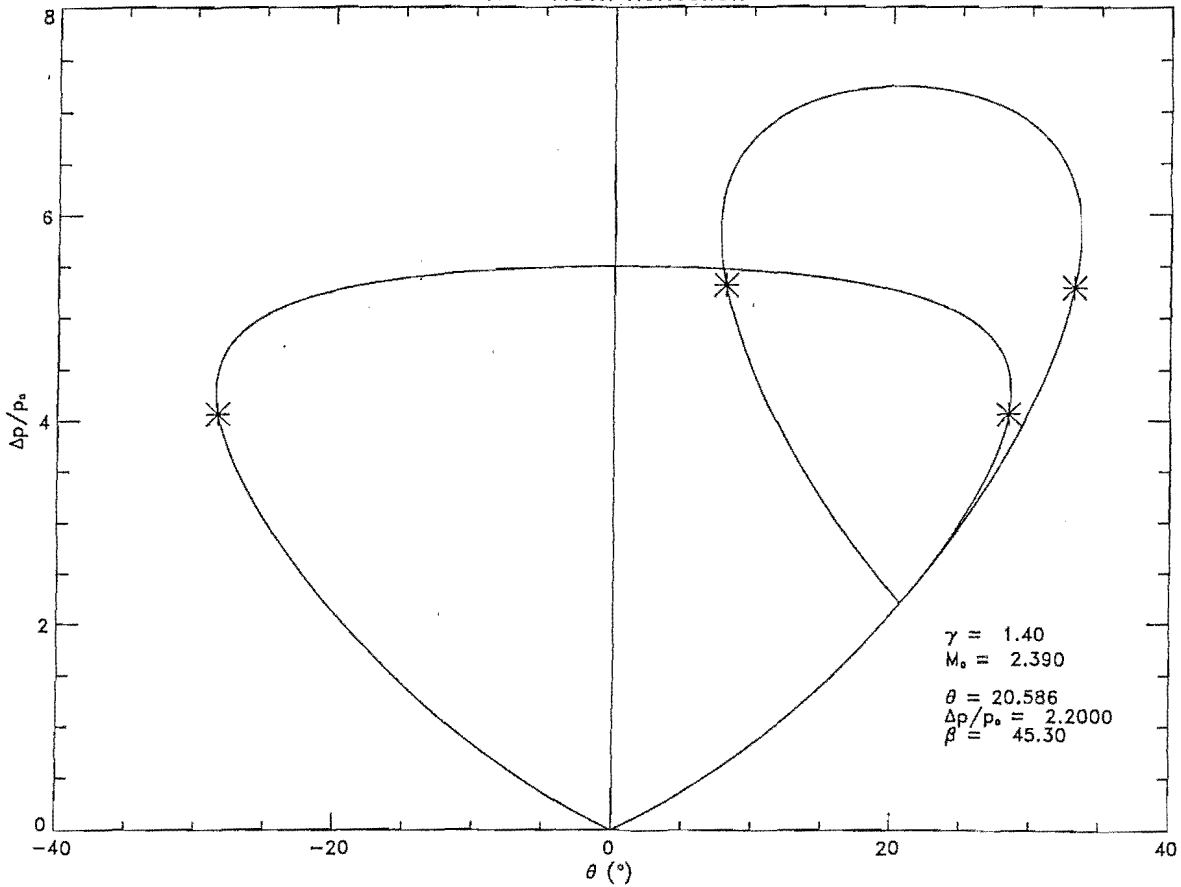
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IV - Sonic/von Neuman Condition

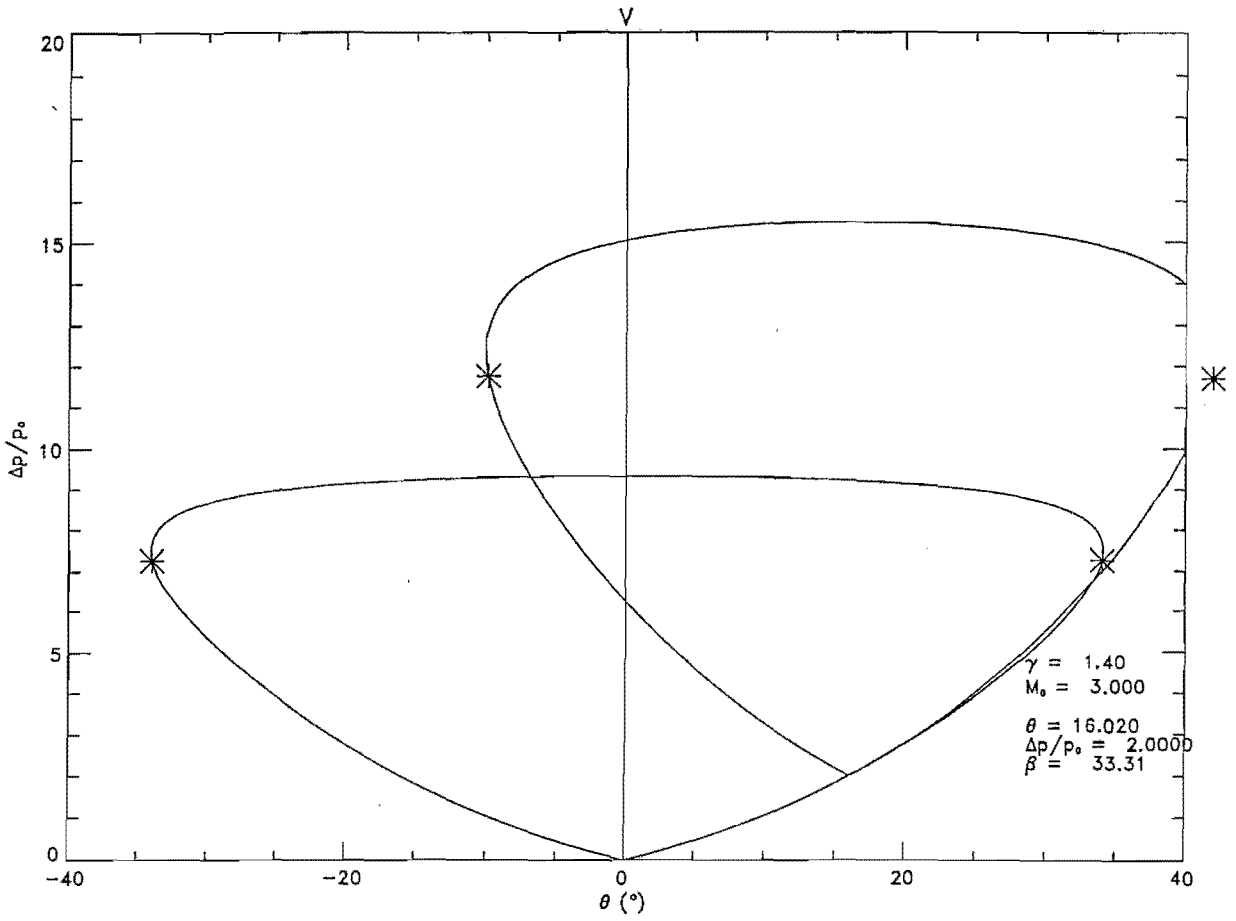


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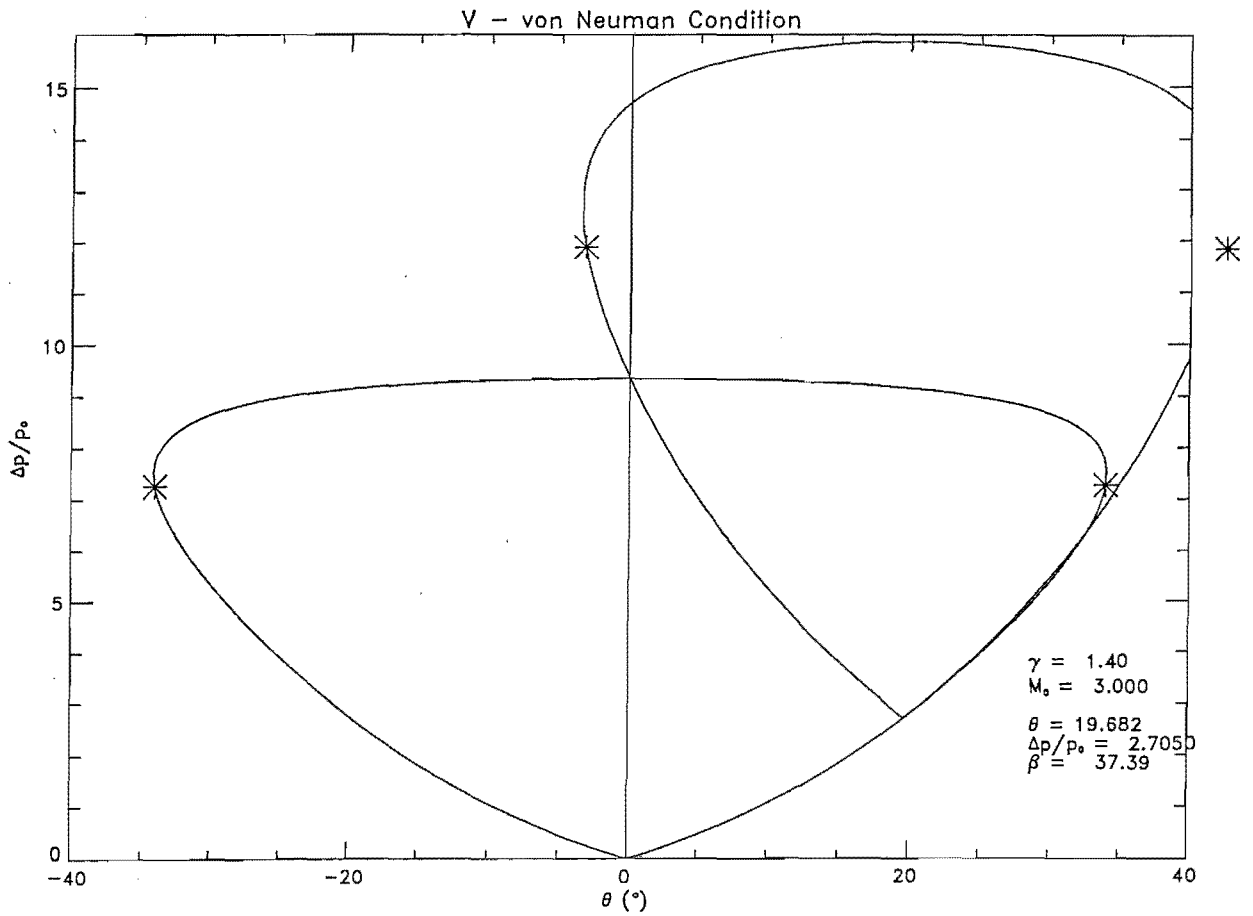
IV - Mach Reflection



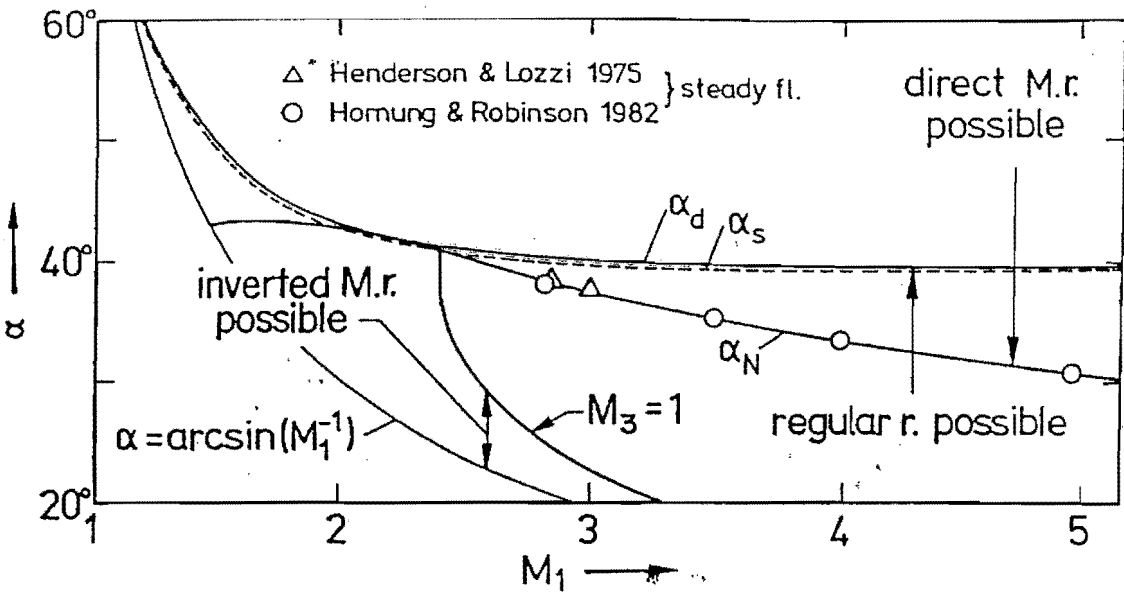
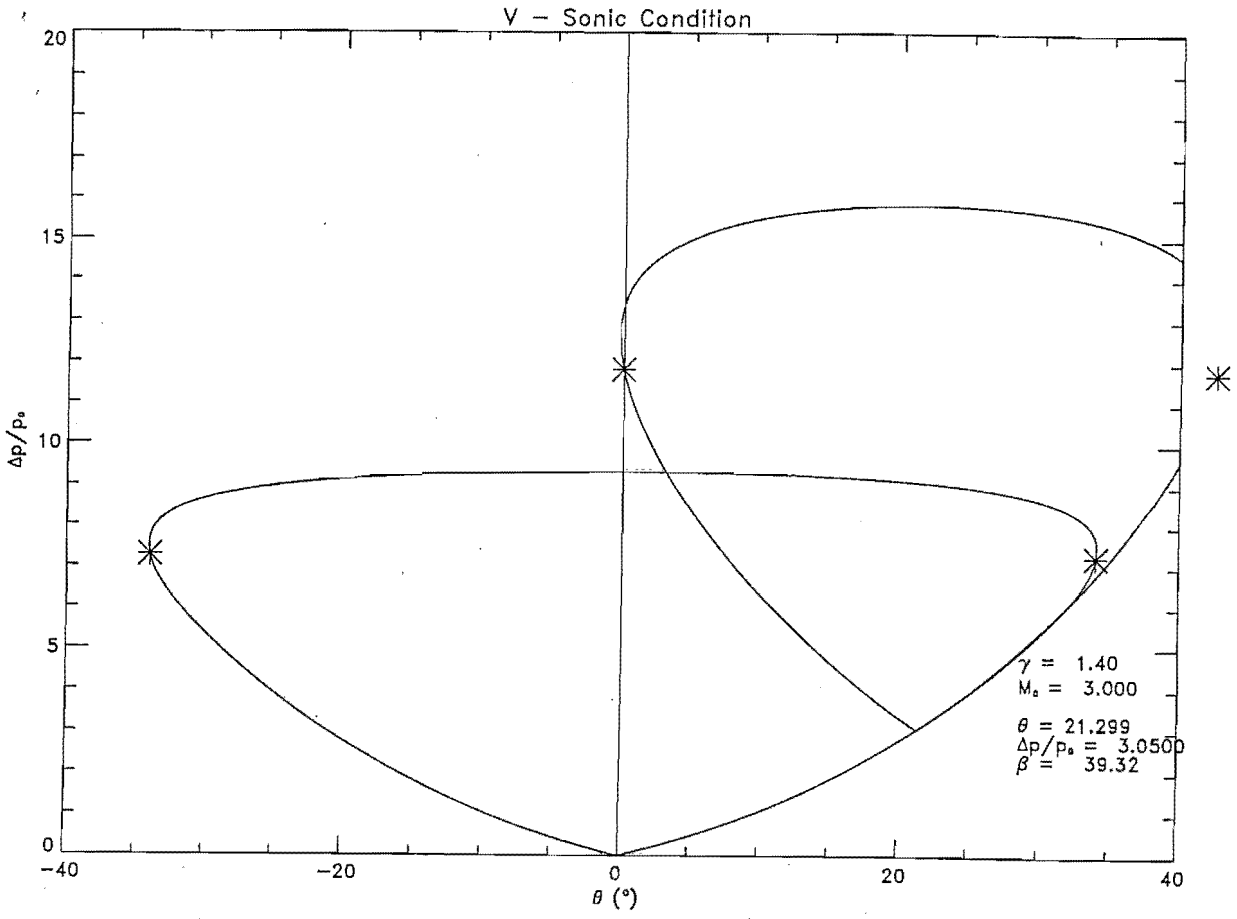
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α-

Bild

Bild 16. Die speziellen Werte von α als Funktion von M_1 bei $\gamma = 1,4$; die Symbole geben die α -Werte an, bei welchen in stationärer Strömung der Übergang von regulärer zu Machscher Reflexion beobachtet wurde