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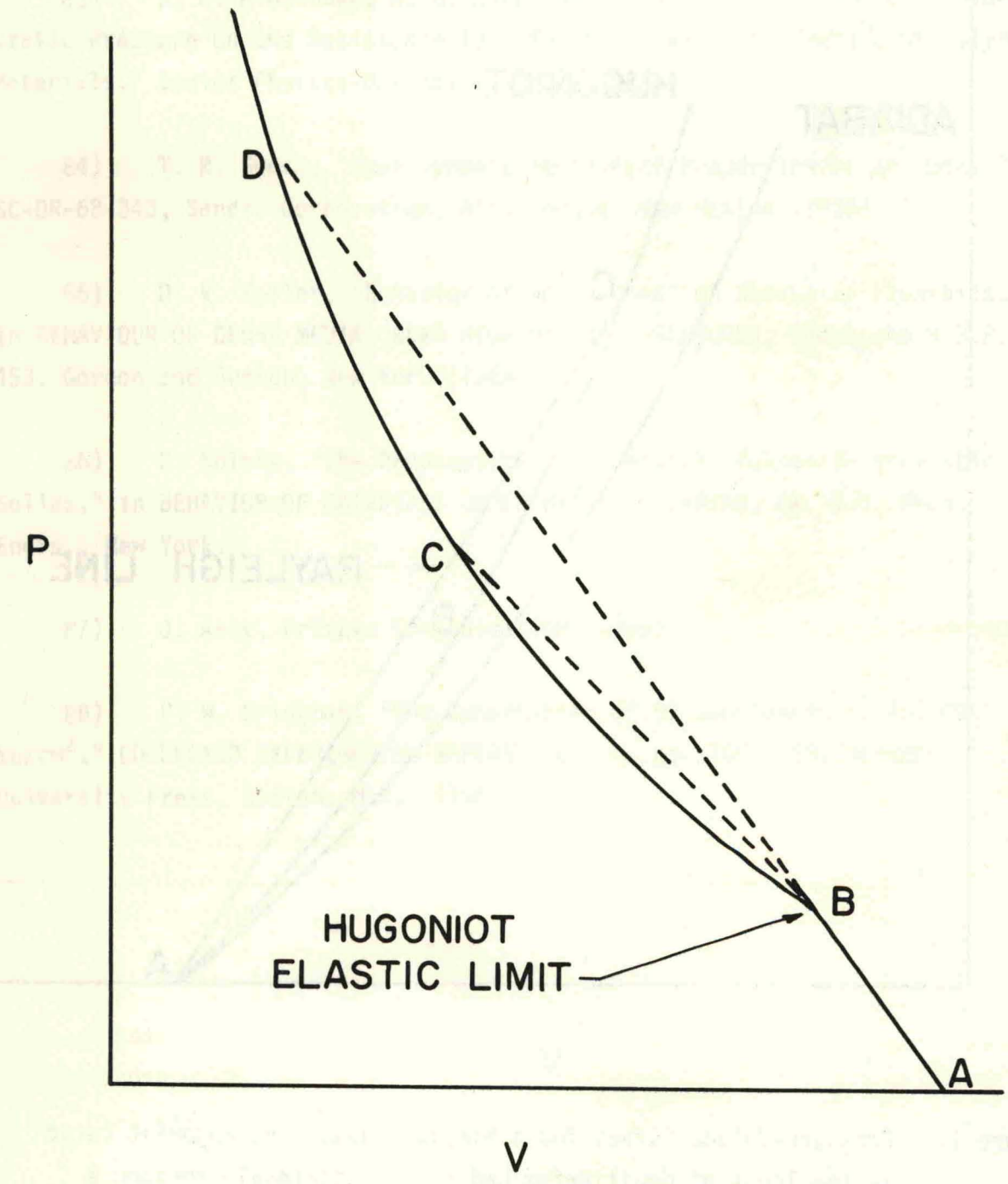

Figure 2. Hugoniot Curve for a Solid Showing a Cusp at the Elastic Limit. A single shock front is stable at stresses less than "B" or greater than "D". Intermediate shock amplitudes propagate as two wavefronts.