Mach 4.4 Shockwave Properties of Helium Shockwave 0.25 L=0M=0Non-dimensional temperature (theta) **Upstream** Downstream 0.20 0.15 0.10 0.05 0.3 0.5 0.6 0.7 8.0 0.9 0.4 1.0 Non-dimensional velocity (omega)