

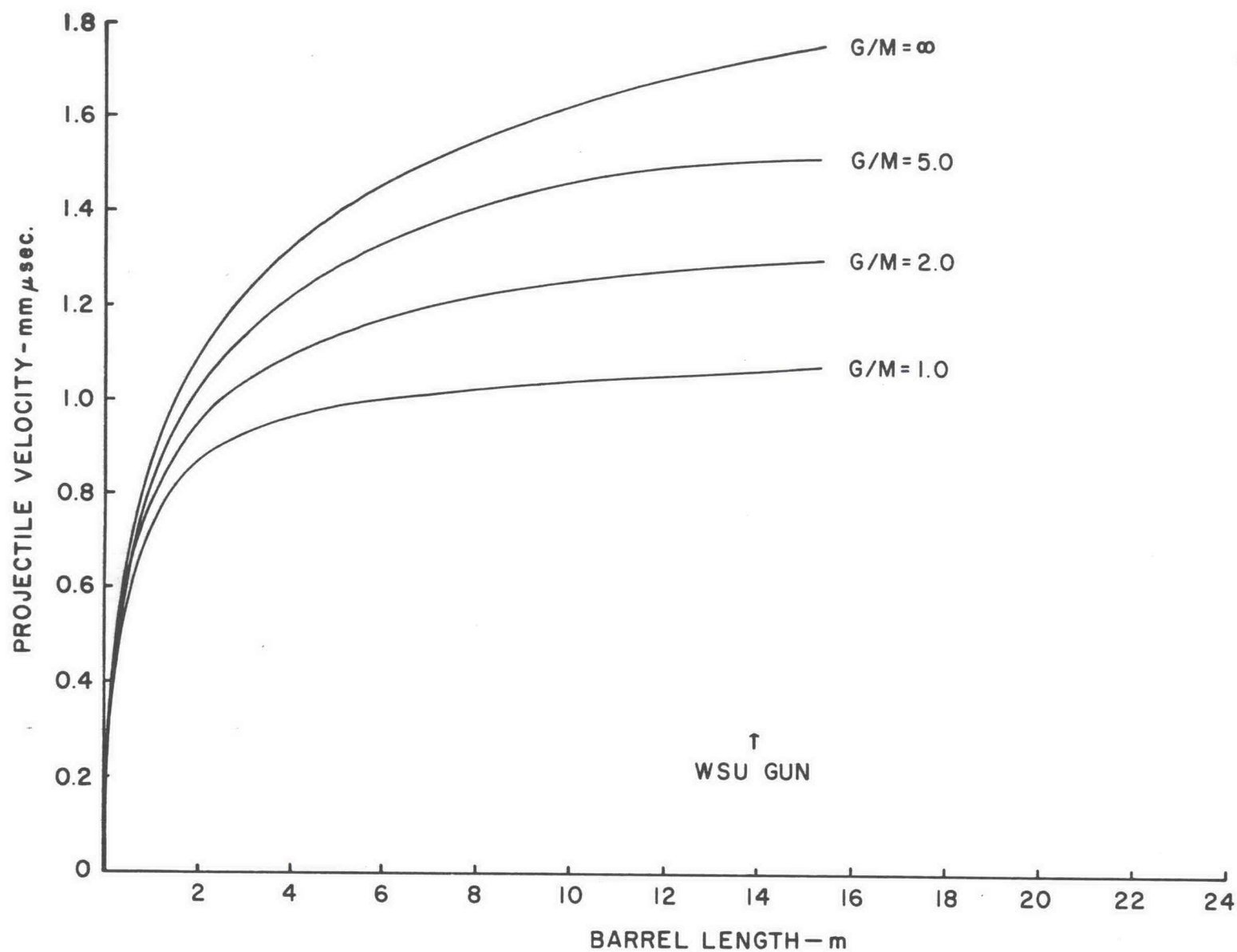


Fig. 1. Projectile velocity as function of barrel length for various ratios of mass of gas, G , to mass of projectile, M . Helium gas. (After Siegel⁵)