



Fig. 5.19. --Comparison of Permanent Regime with Transient Profile of Second Shock.

is $\tau = 1/3 \mu\text{sec}$, so $\Delta x \approx 2.4 U_{II} \tau$. Profiles obtained from the transient calculation at $t = 2.25\tau, 15\tau, 22.5\tau$ are shown for comparison. The agreement is very good at 15τ . This agreement is additional evidence of the validity of the integration procedure for the transient case.

