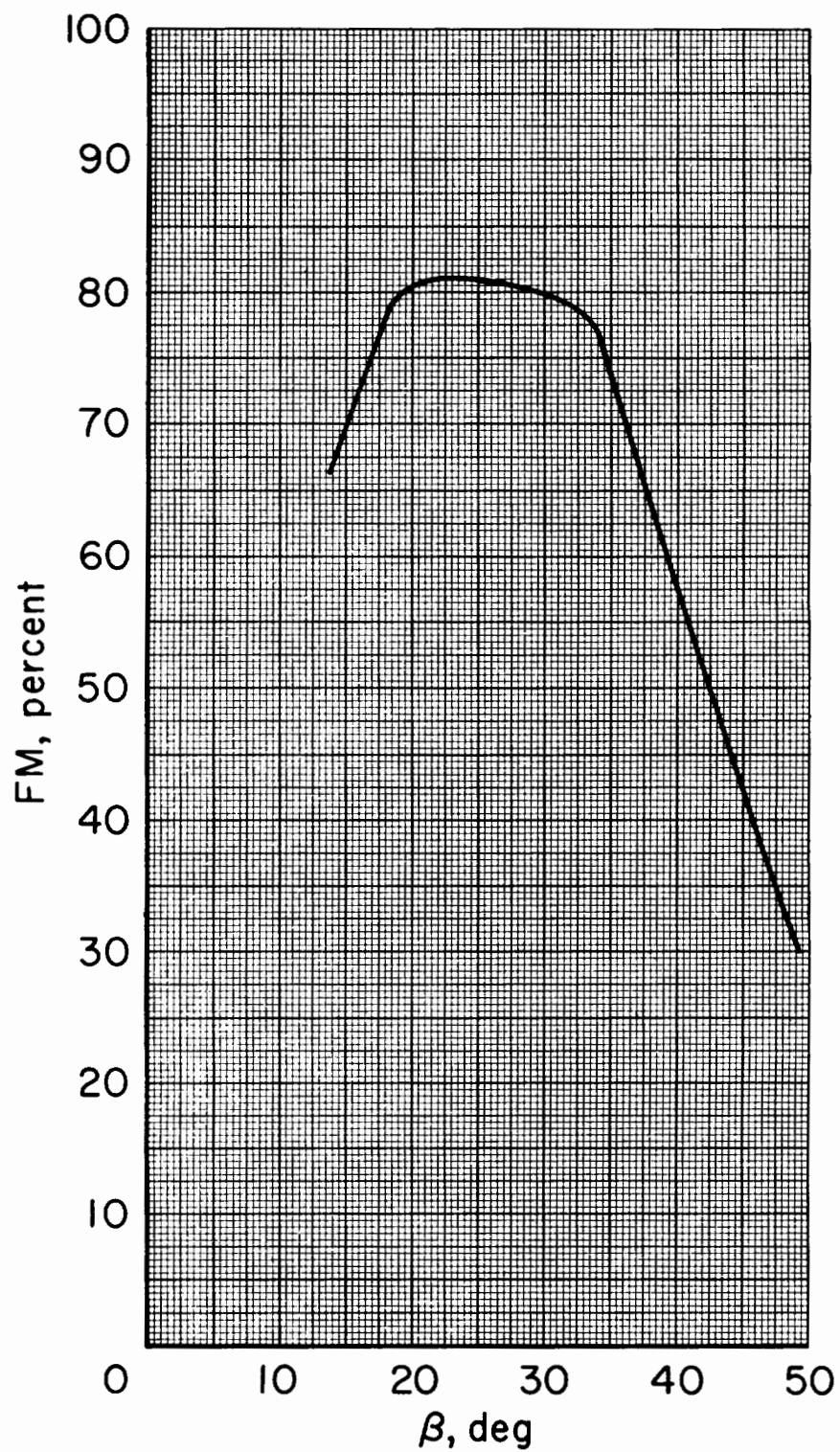
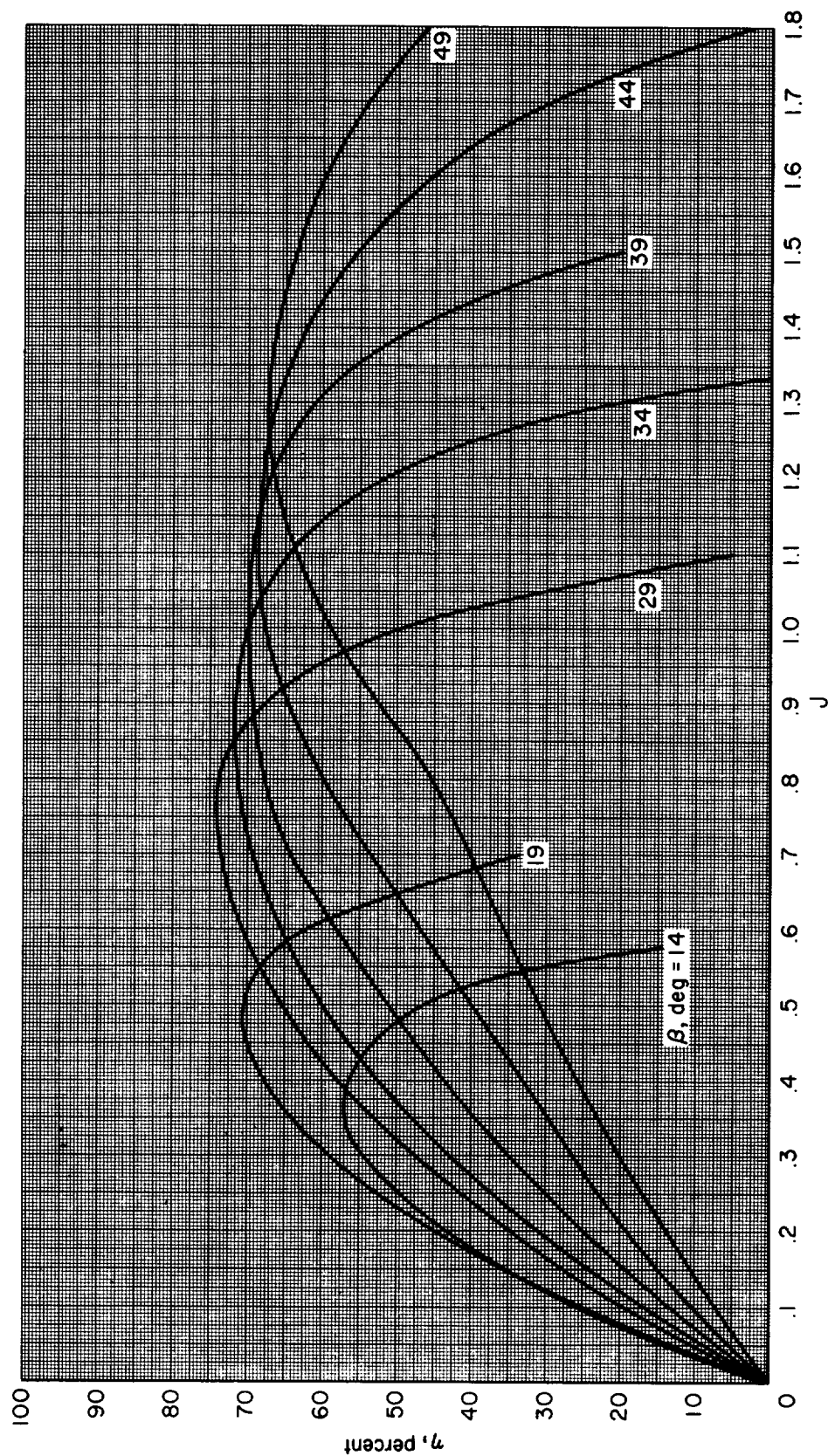


Figure 5.- Ducted propeller thrust and power coefficient and propulsive efficiency with and without the exit vane at  $\delta_v = \alpha = 0^\circ$ .



(a) Figure of merit as a function of blade angle.

Figure 10.- Figure of merit and propulsive efficiency computed from the curves of figure 4.



(b) Propulsive efficiency as a function of advance ratio for several blade angles.

Figure 10.- Concluded.

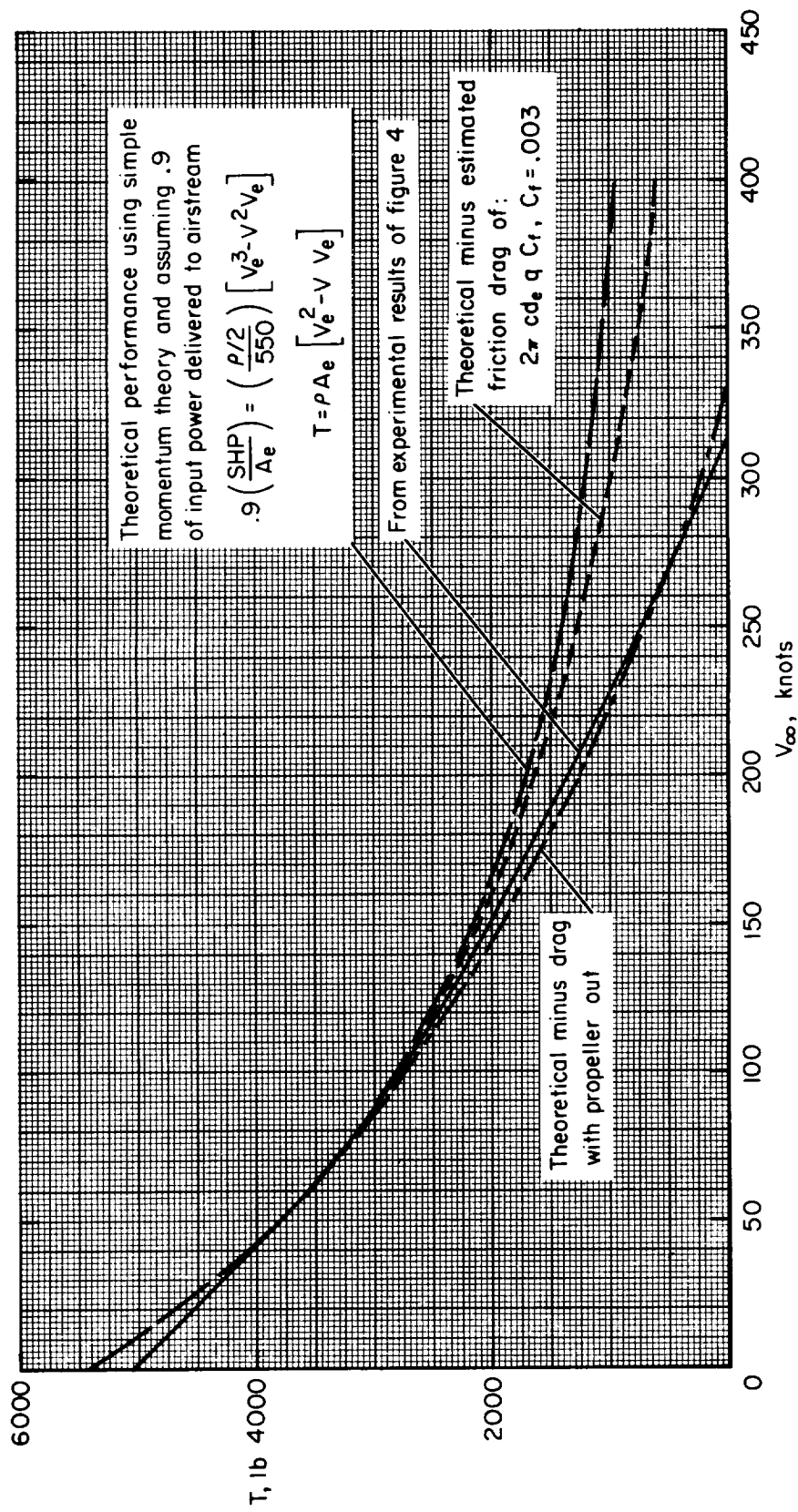


Figure 11.- Thrust as a function of free-stream velocity for a constant power of 1250 hp.