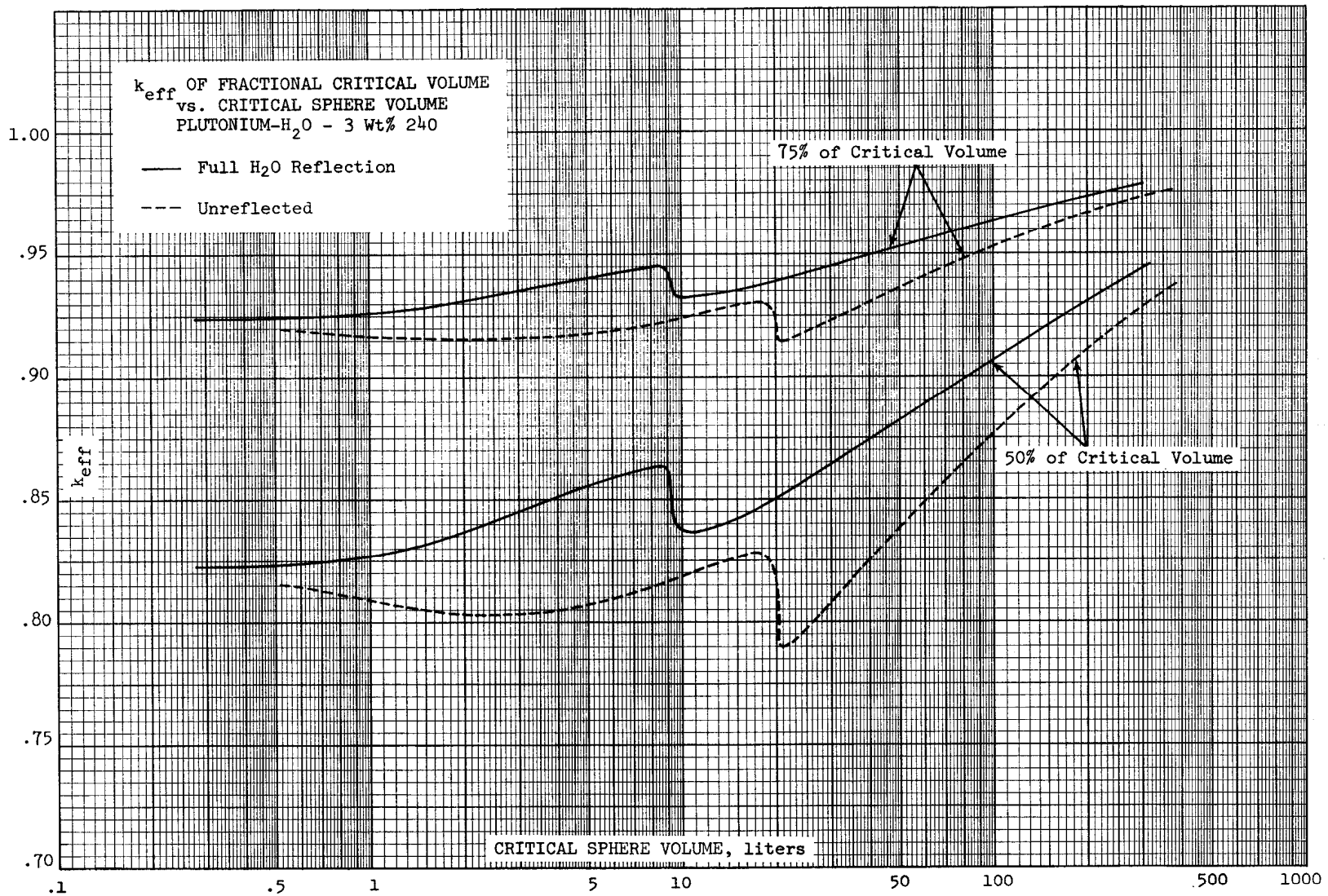
k_{eff} OF FRACTIONAL CRITICAL VOLUME
vs. CRITICAL SPHERE VOLUME
PLUTONIUM-H_2O - 3 Wt% 240
Full H_2O Reflection
Unreflected
75% of Critical Volume
50% of Critical Volume
k_{eff}
1.00
.95
.90
.85
.80
.75
.70
.1
.5
1
5
10
50
100
500
1000
CRITICAL SPHERE VOLUME, liters