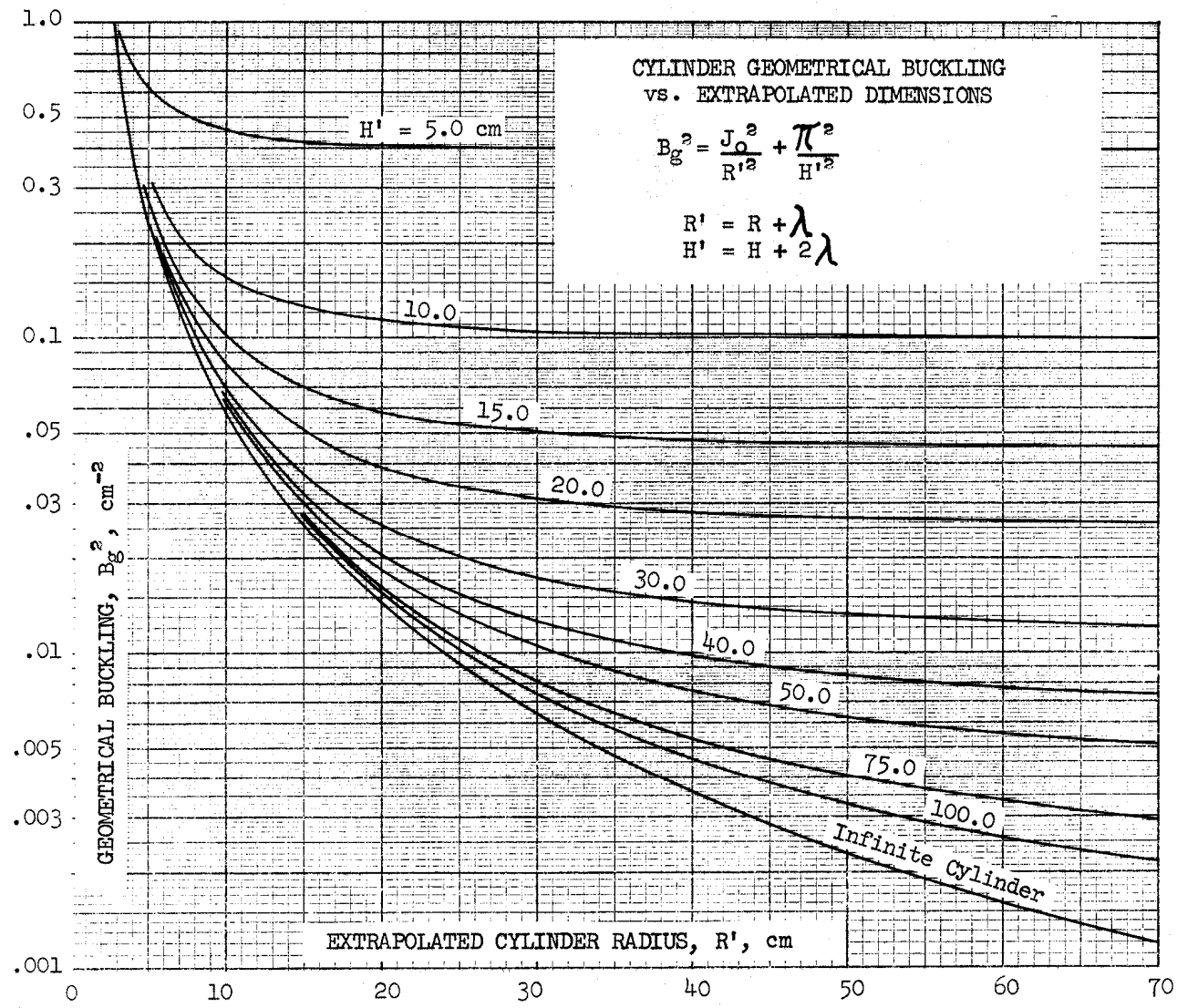
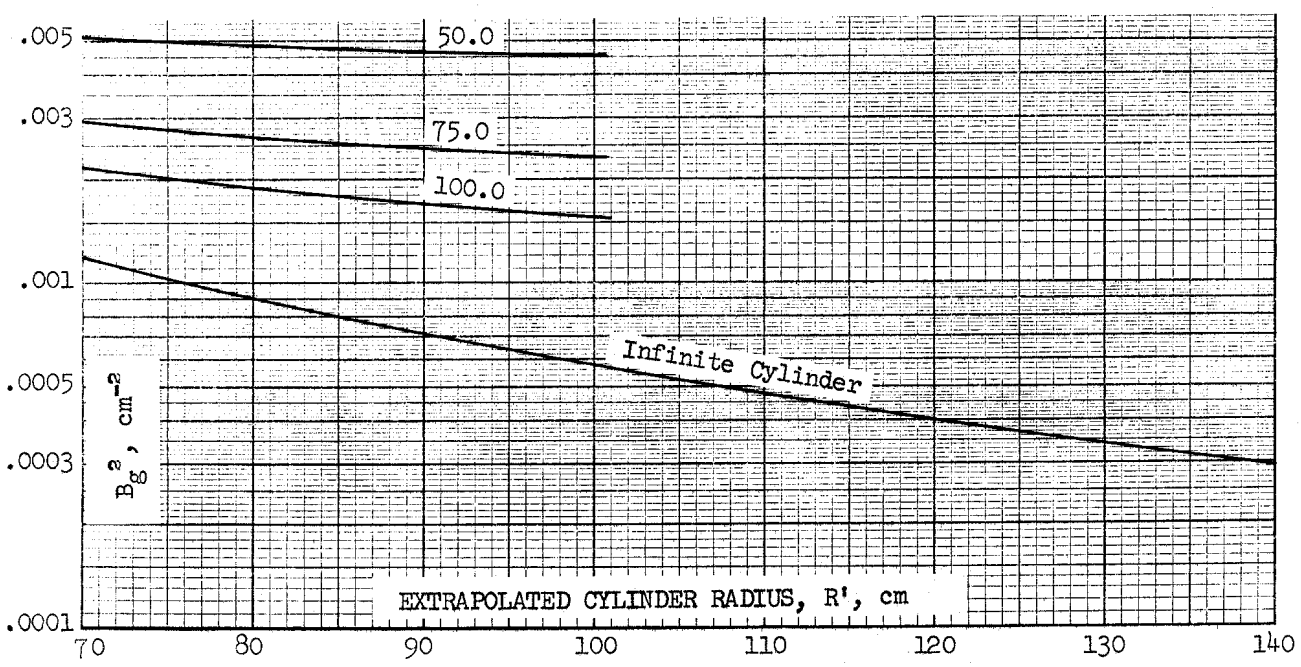

CYLINDER GEOMETRICAL BUCKLING
vs. EXTRAPOLATED DIMENSIONS
$B_g^2 = \frac{J_o^2}{R'^2} + \frac{\pi^2}{H'^2}$
$R' = R + \lambda$
$H' = H + 2\lambda$
H' = 5.0 cm
10.0
15.0
20.0
30.0
40.0
50.0
75.0
100.0
Infinite Cylinder
GEOMETRICAL BUCKLING, B_g^2, cm^{-2}
EXTRAPOLATED CYLINDER RADIUS, R', cm
1.0
0.5
0.3
0.1
.05
.03
.01
.005
.003
.001
0
10
20
30
40
50
60
70


50.0
75.0
100.0
Infinite Cylinder
B_g^2, cm^{-2}
EXTRAPOLATED CYLINDER RADIUS, R', cm
.005
.003
.001
.0005
.0003
.0001
70
80
90
100
110
120
130
140