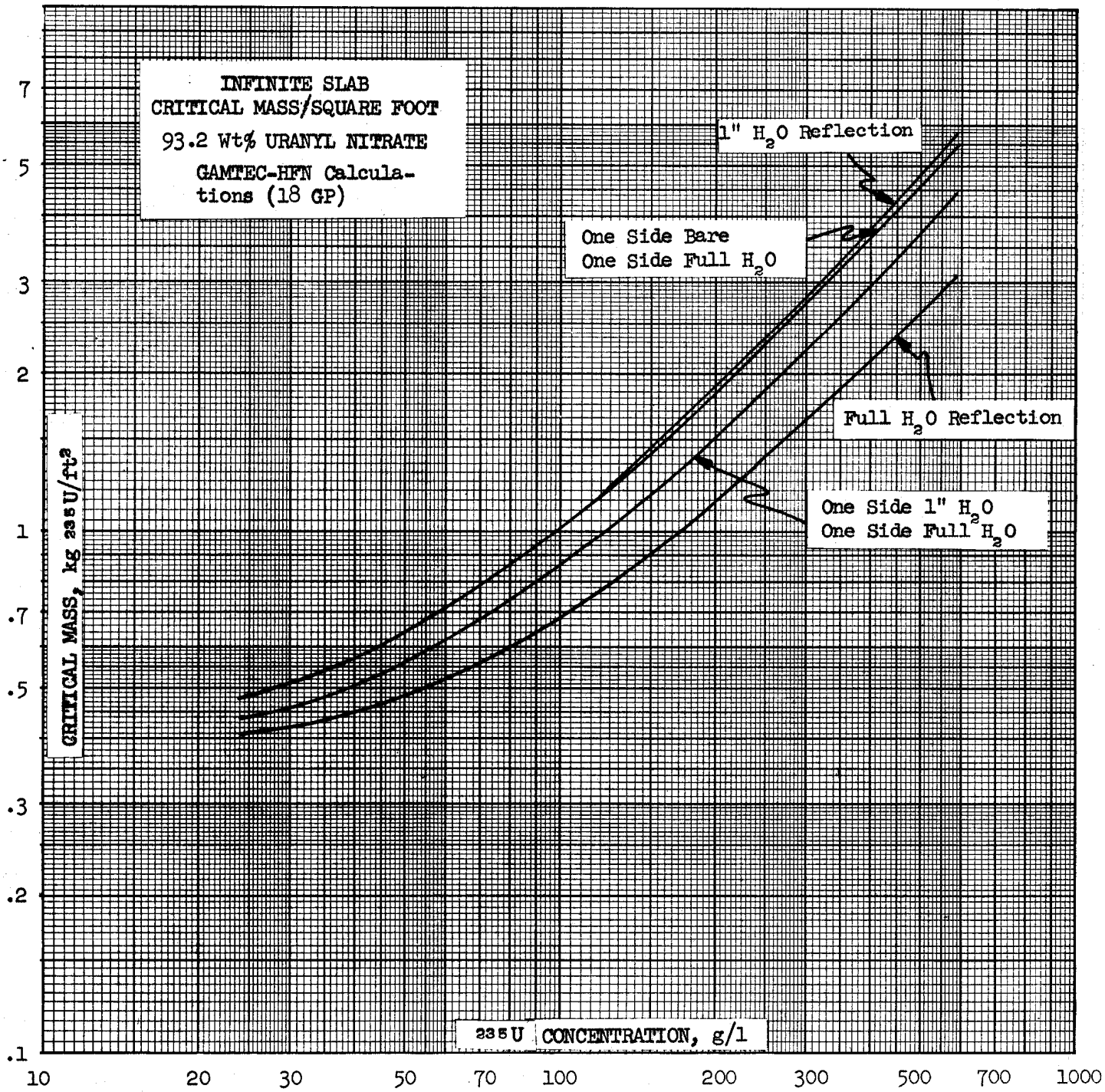
INFINITE SLAB
CRITICAL MASS/SQUARE FOOT
93.2 Wt% URANYL NITRATE
GAMTEC-HFN Calculations (18 GP)
1" H_2O Reflection
One Side Bare
One Side Full H_2O
Full H_2O Reflection
One Side 1" H_2O
One Side Full H_2O
CRITICAL MASS, kg $^{235}U/ft^3$
^{235}U CONCENTRATION, g/l
7
5
3
2
1
.7
.5
.3
.2
.1
10
20
30
50
70
100
200
300
500
700
1000