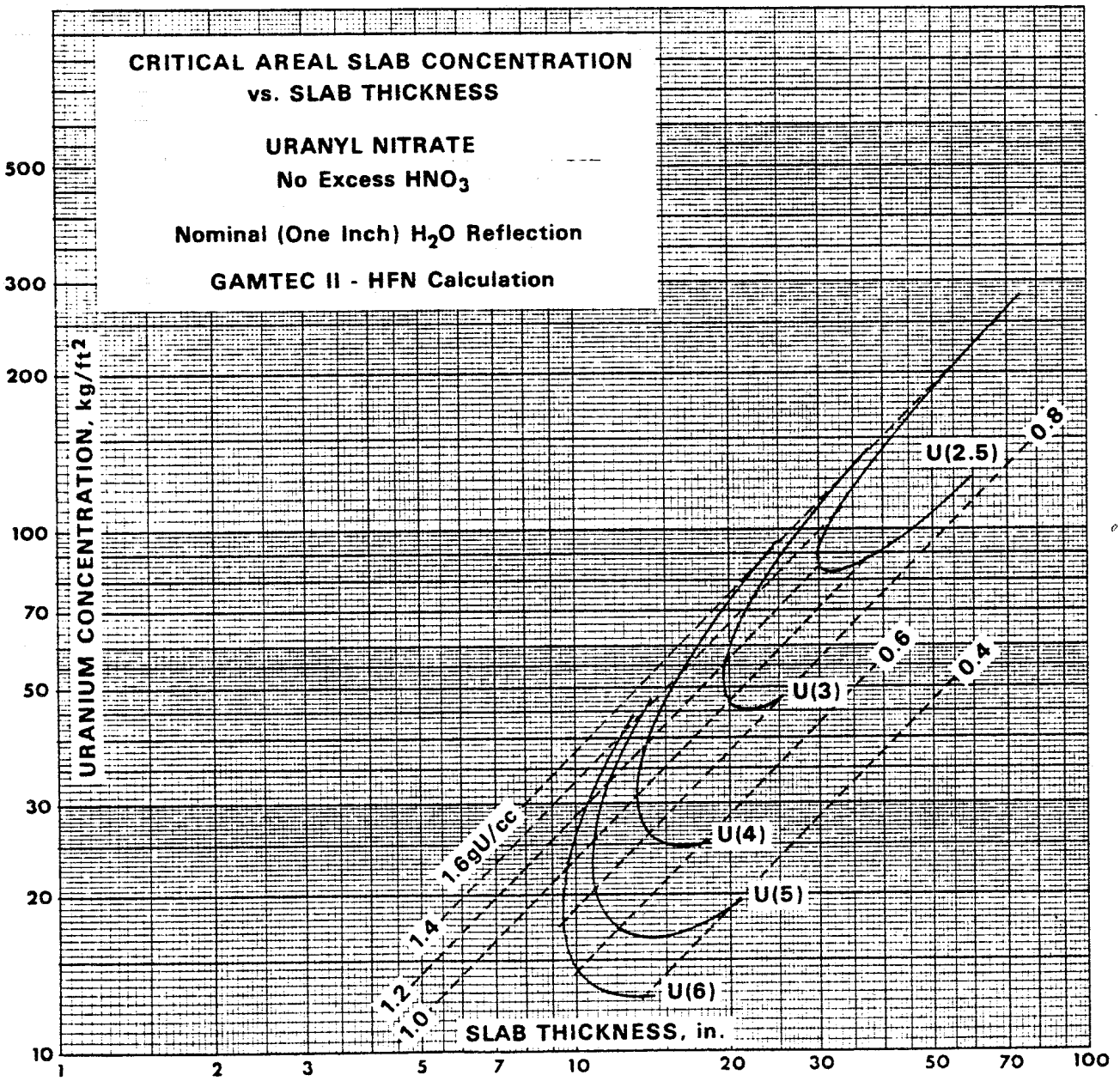
CRITICAL AREAL SLAB CONCENTRATION
vs. SLAB THICKNESS
URANYL NITRATE
No Excess HNO_3
Nominal (One Inch) H_2O Reflection
GAMTEC II - HFN Calculation
URANIUM CONCENTRATION, kg/ft²
SLAB THICKNESS, in.
500
300
200
100
70
50
30
20
10
1
2
3
5
7
10
20
30
50
70
100
U(2.5)
U(3)
U(4)
U(5)
U(6)
0.8
0.6
0.4
1.6gU/cc
1.4
1.2
1.0