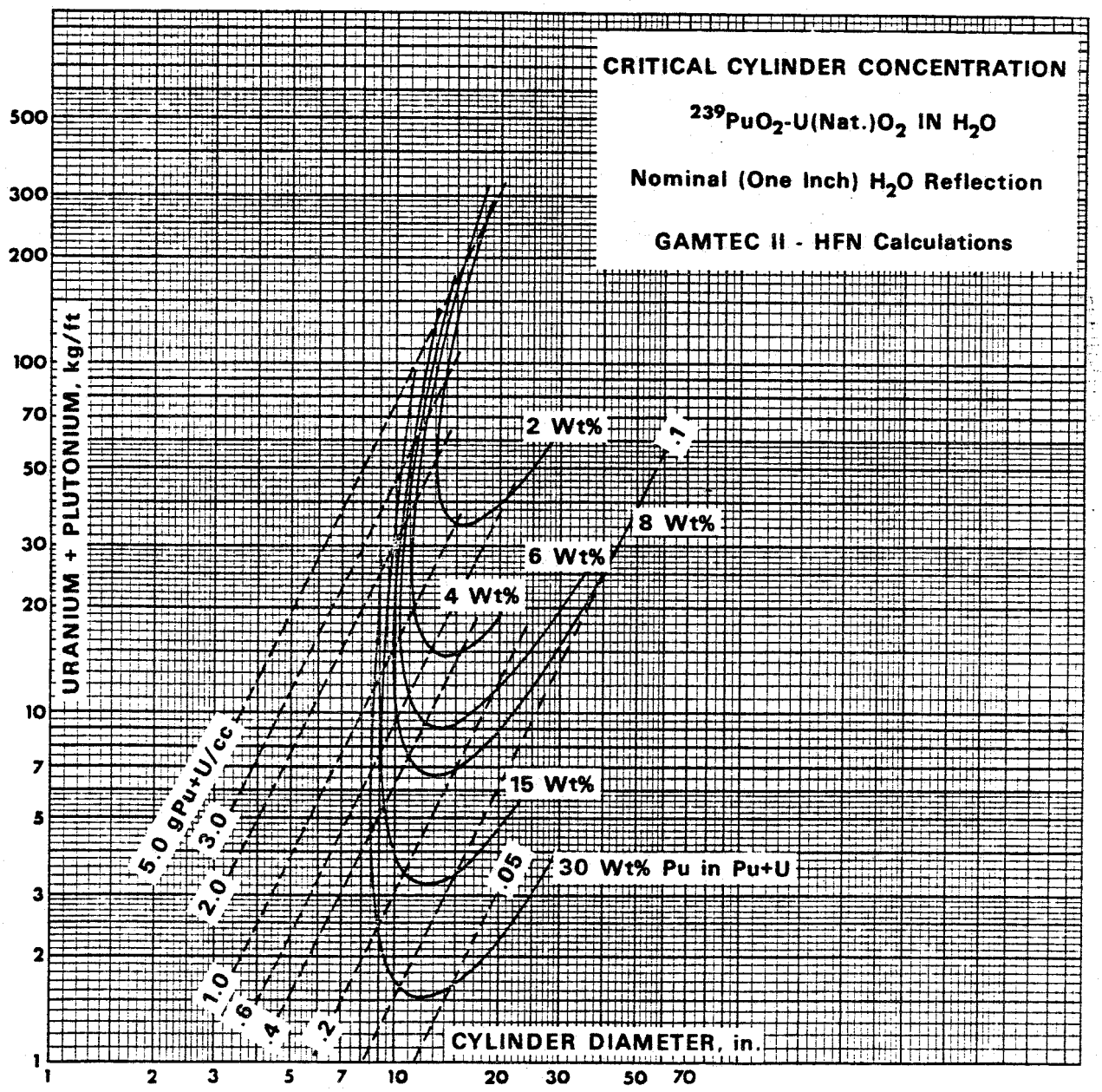
CRITICAL CYLINDER CONCENTRATION
239PuO2-U(Nat.)O2 IN H2O
Nominal (One Inch) H2O Reflection
GAMTEC II - HFN Calculations
URANIUM + PLUTONIUM, kg/ft
CYLINDER DIAMETER, in.
2 Wt%
4 Wt%
6 Wt%
8 Wt%
15 Wt%
30 Wt% Pu in Pu+U
5.0 gPu+U/cc
3.0
2.0
1.0
.6
.4
.2
.1
.05
500
300
200
100
70
50
30
20
10
7
5
3
2
1
1
2
3
5
7
10
20
30
50
70