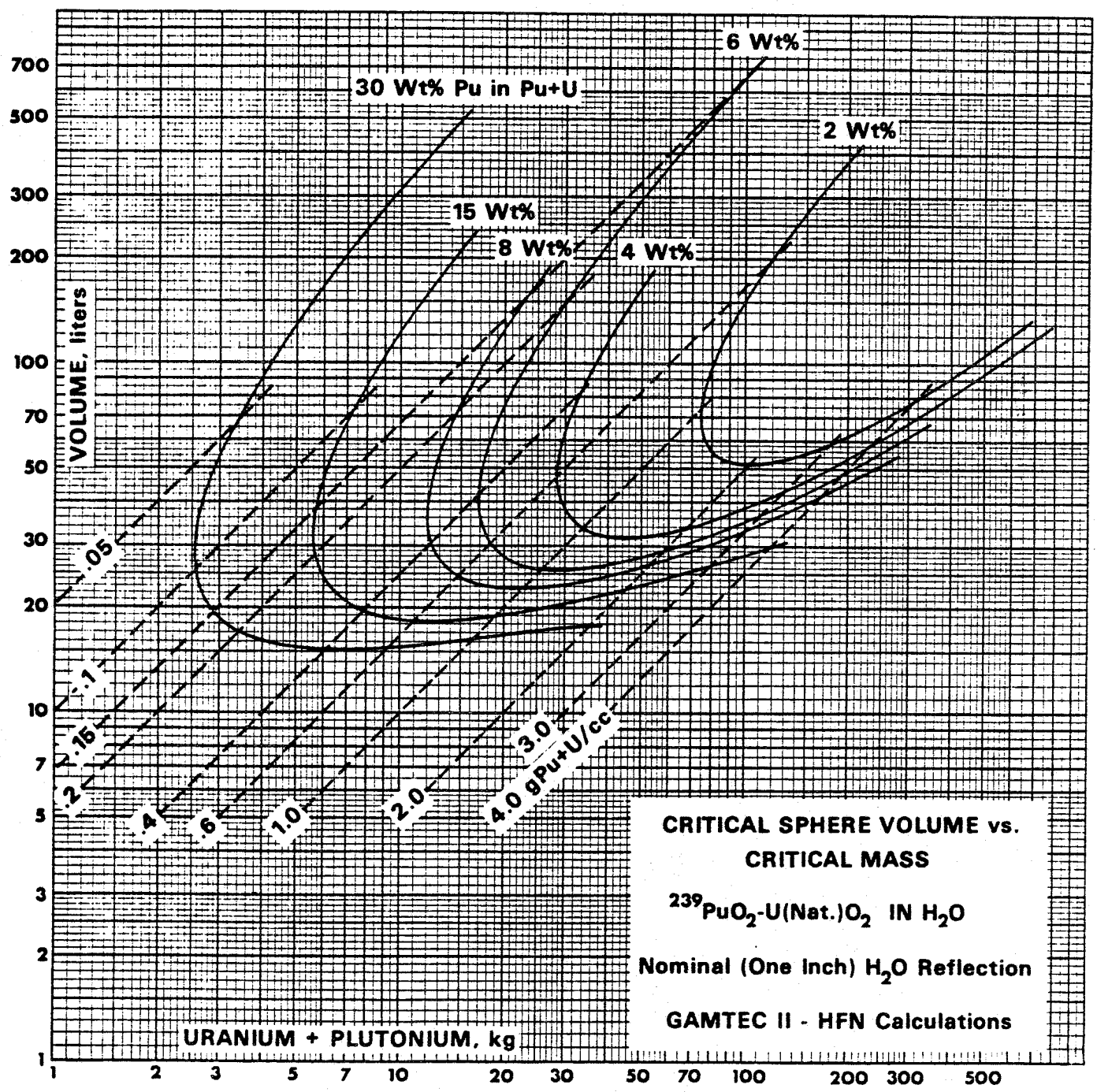
30 Wt% Pu in Pu+U
6 Wt%
2 Wt%
15 Wt%
8 Wt%
4 Wt%
VOLUME, liters
700
500
300
200
100
70
50
30
20
10
7
5
3
2
1
.05
.1
.15
.2
.4
.6
1.0
2.0
3.0
4.0 gPu+U/cc
URANIUM + PLUTONIUM, kg
1
2
3
5
7
10
20
30
50
70
100
200
300
500
CRITICAL SPHERE VOLUME vs. CRITICAL MASS
$^{239}PuO_2$-U(Nat.)$O_2$ IN $H_2O$
Nominal (One Inch) $H_2O$ Reflection
GAMTEC II - HFN Calculations