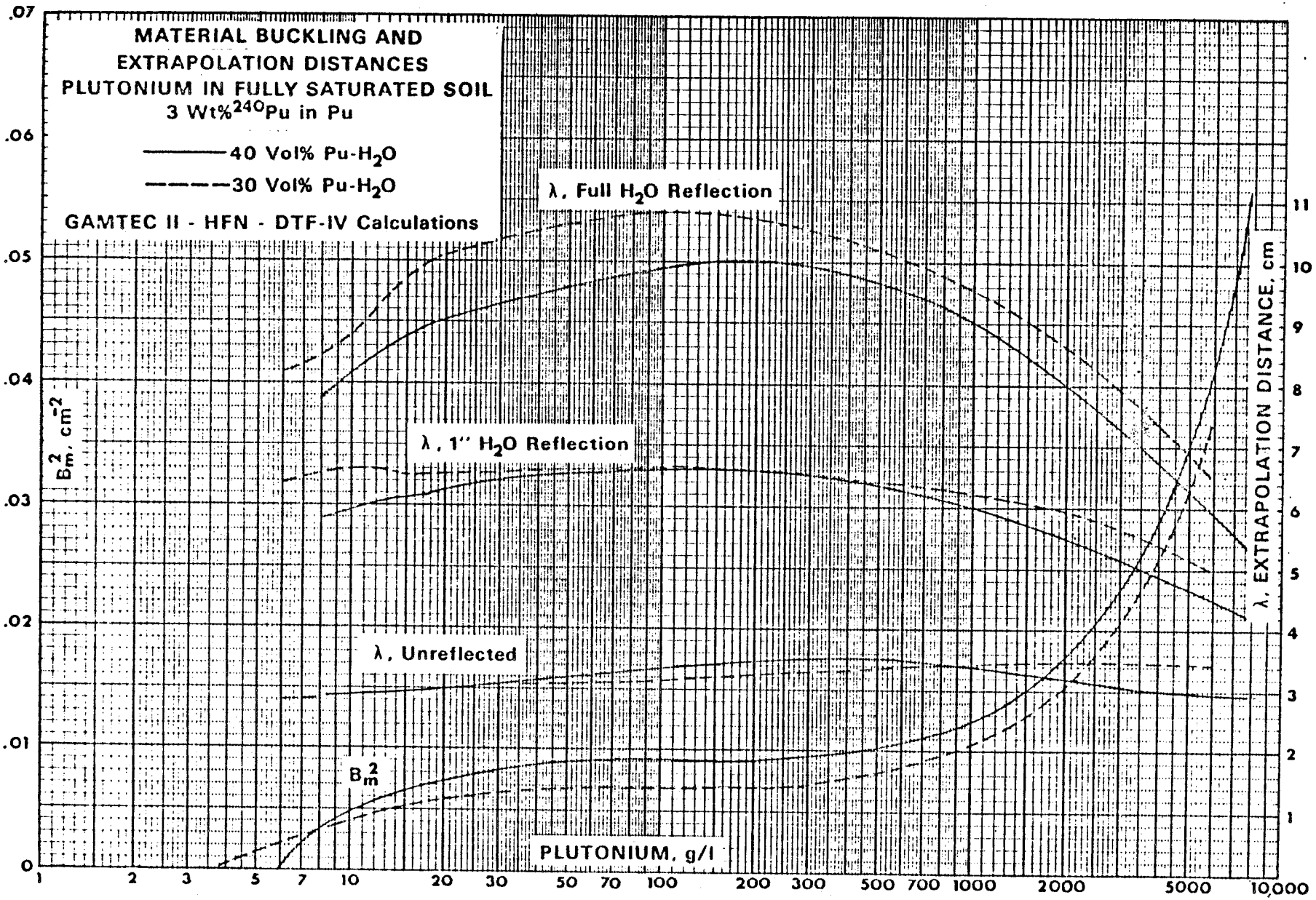
MATERIAL BUCKLING AND
EXTRAPOLATION DISTANCES
PLUTONIUM IN FULLY SATURATED SOIL
3 Wt% 240Pu in Pu
40 Vol% Pu-H2O
30 Vol% Pu-H2O
GAMTEC II - HFN - DTF-IV Calculations
λ, Full H2O Reflection
λ, 1" H2O Reflection
λ, Unreflected
B2m
B2m, cm-2
λ, EXTRAPOLATION DISTANCE, cm
PLUTONIUM, g/l
.07
.06
.05
.04
.03
.02
.01
0
1
2
3
5
7
10
20
30
50
70
100
200
300
500
700
1000
2000
5000
10,000
11
10
9
8
7
6
5
4
3
2
1