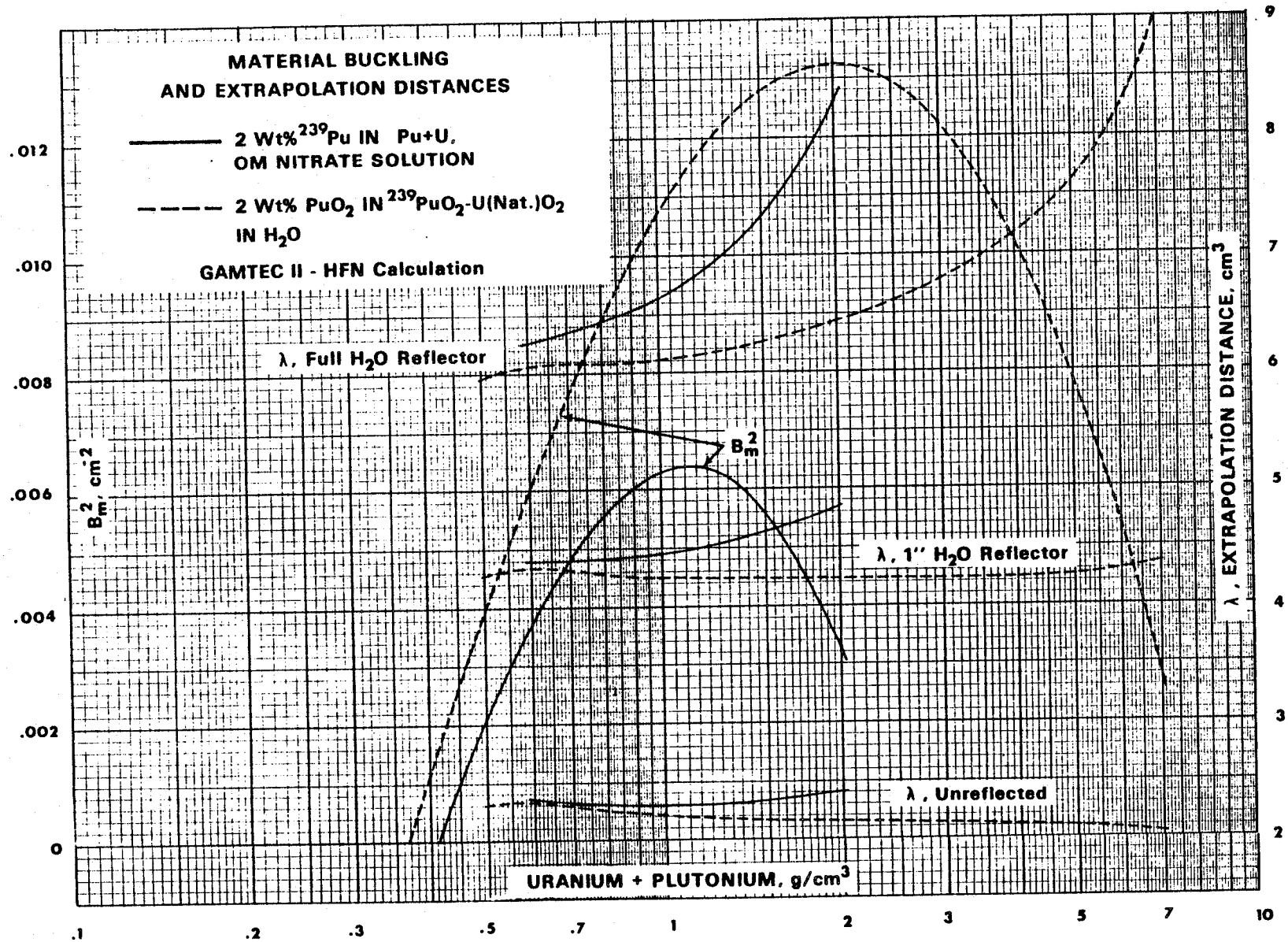
MATERIAL BUCKLING
AND EXTRAPOLATION DISTANCES
2 Wt% 239Pu IN Pu+U, OM NITRATE SOLUTION
2 Wt% PuO2 IN 239PuO2-U(Nat.)O2 IN H2O
GAMTEC II - HFN Calculation
λ, Full H2O Reflector
λ, 1" H2O Reflector
λ, Unreflected
B2m
B2m, cm-2
λ, EXTRAPOLATION DISTANCE, cm3
URANIUM + PLUTONIUM, g/cm3
.012
.010
.008
.006
.004
.002
0
.1
.2
.3
.5
.7
1
2
3
5
7
10
9
8
7
6
5
4
3
2