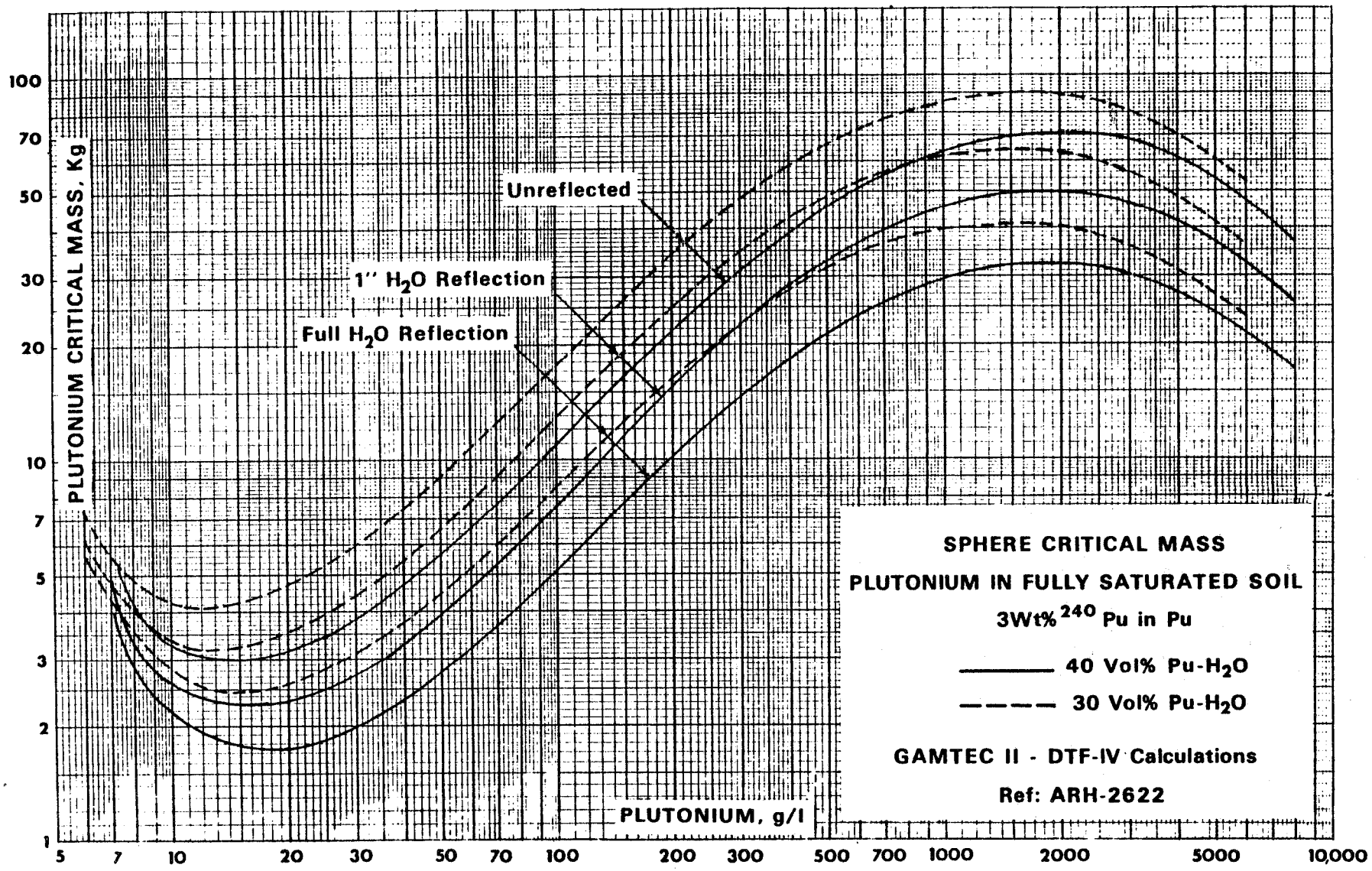
PLUTONIUM CRITICAL MASS, Kg
100
70
50
30
20
10
7
5
3
2
1
Unreflected
1" H_2O Reflection
Full H_2O Reflection
PLUTONIUM, g/l
5
7
10
20
30
50
70
100
200
300
500
700
1000
2000
5000
10,000
SPHERE CRITICAL MASS
PLUTONIUM IN FULLY SATURATED SOIL
3Wt% ^{240}Pu in Pu
40 Vol% Pu-H_2O
30 Vol% Pu-H_2O
GAMTEC II - DTF-IV Calculations
Ref: ARH-2622