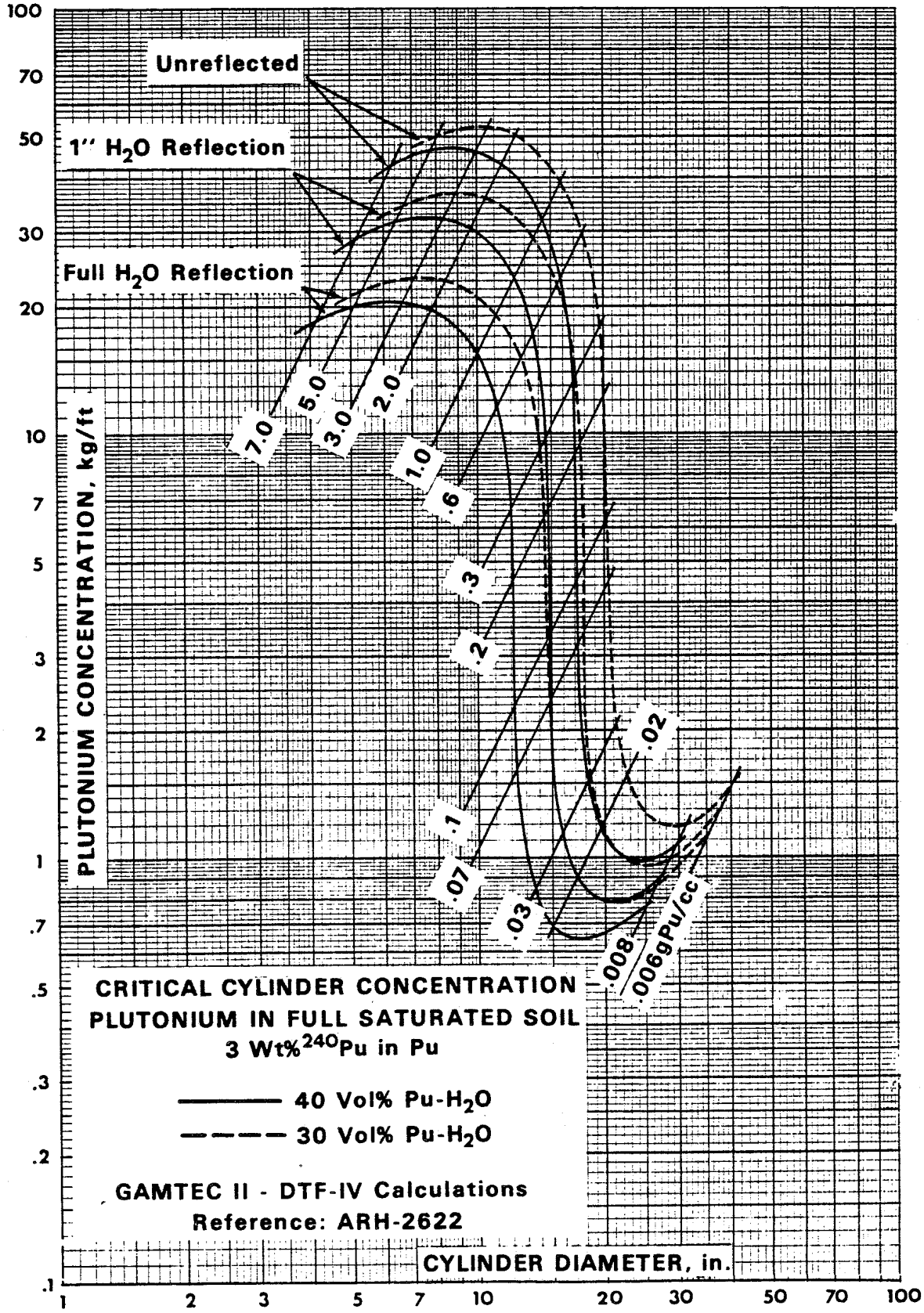
Unreflected
1" H_2O Reflection
Full H_2O Reflection
7.0
5.0
3.0
2.0
1.0
.6
.3
.2
.1
.07
.03
.02
.008
.006gPu/cc
PLUTONIUM CONCENTRATION, kg/ft
CYLINDER DIAMETER, in.
100
70
50
30
20
10
7
5
3
2
1
.7
.5
.3
.2
.1
1
2
3
5
7
10
20
30
50
70
100
CRITICAL CYLINDER CONCENTRATION
PLUTONIUM IN FULL SATURATED SOIL
3 Wt% ^{240}Pu in Pu
40 Vol% Pu-H_2O
30 Vol% Pu-H_2O
GAMTEC II - DTF-IV Calculations
Reference: ARH-2622