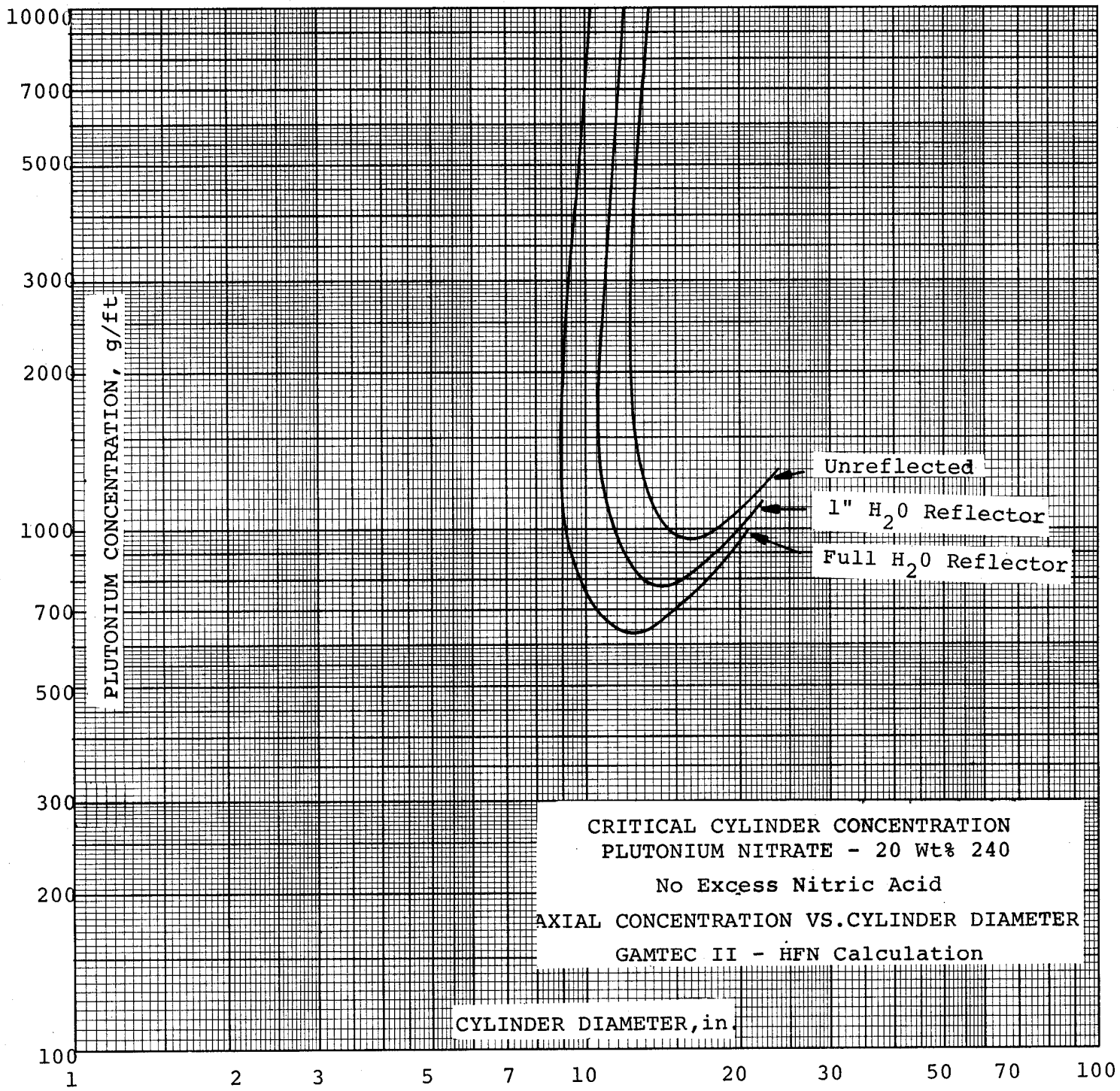
PLUTONIUM CONCENTRATION, g/ft
10000
7000
5000
3000
2000
1000
700
500
300
200
100
1
2
3
5
7
10
20
30
50
70
100
CYLINDER DIAMETER, in.
Unreflected
1" H_2O Reflector
Full H_2O Reflector
CRITICAL CYLINDER CONCENTRATION
PLUTONIUM NITRATE - 20 Wt% 240
No Excess Nitric Acid
AXIAL CONCENTRATION VS. CYLINDER DIAMETER
GAMTEC II - HFN Calculation